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粤港澳大湾区标准促进会团体标准

T/GBAS 2202—2021

植物性食品中农药残留高通量筛查检测 质谱法

High throughput screening and confirmation of multiple pesticides residues in plant
derived food by mass spectrometry

(征求意见稿)

XXXX - XX - XX 发布

XXXX- XX - XX 实施

广东省粤港澳大湾区标准促进会

发 布

前 言

本文件按照GB/T 1.1—2020《标准化工作导则 第1部分：标准化文件的结构和起草规则》的规定起草。

本文件由广东省粤港澳大湾区标准促进会提出并归口。

本文件起草单位：深圳海关食品检验检疫技术中心、广州海关技术中心、广东省科学院生物与医药工程研究所。（港澳参与机构待定）

本文件主要起草人：

粤港澳大湾区高品质食品标准
(征求意见稿)

植物性食品中农药残留高通量筛查检测 质谱法

第一法 液质联用法

1 范围

本文件规定了植物源性食品中322种农药（具体名单见附录A中表A.1）残留量的液相色谱-串联质谱检测方法。

本文件适用于苹果、橙子、生菜、西红柿、芹菜、大米中322种农药残留量的定性筛查、确证和半定量检测，其他植物源性食品可参照执行。

2 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB 2763 食品安全国家标准 食品中农药最大残留限量

GB/T 6682 分析实验室用水规格和试验方法

3 术语和定义

本文件没有需要界定的术语和定义。

4 原理

样品在酸性条件下经乙腈均质提取，采用QuEChERS法净化，液相色谱-串联质谱检测，外标法定量。

5 试剂和材料

注：除非另有说明，在分析中仅使用分析纯的试剂，水为GB/T 6682规定的一级水。

5.1 试剂与材料

5.1.1 乙腈(CH₃CN)：色谱纯。

5.1.2 甲酸(HCOOH)：色谱纯。

5.1.3 甲醇(CH₃OH)：色谱纯。

5.1.4 乙酸铵：色谱纯。

5.1.5 乙腈。

5.1.6 氯化钠。

5.1.7 无水 MgSO₄：用前在 650 °C 下灼烧 4 h，贮于干燥器内，冷却后备用。

5.1.8 N-丙基乙二胺吸附剂（PSA）。

5.1.9 尾部封端十八烷基键合硅胶吸附剂（EC-C₁₈）（粒径范围 40-60 μm，平均孔径 100 Å）。

5.1.10 微孔滤膜：0.22 μm，有机相型。

5.2 试剂配制

5.2.1 0.1%甲酸水溶液：吸取 1 mL 甲酸至 1 L 容量瓶，用水稀释并定容，现用现配。

5.2.2 5 mmol 乙酸铵（含 0.1 %甲酸）水溶液：称取 0.3854 g 乙酸铵，溶解于 100 mL 水中，加入 1.0 mL 甲酸，用水稀释并定容至 1000 mL，现用现配。

5.2.3 甲醇（含 0.1%甲酸）溶液：吸取 1 mL 甲酸至 1 L 容量瓶，用甲醇稀释并定容，现用现配。

5.3 标准品

5.3.1 克百威等 322 种（详细名单及相关化学信息见附录 A 中表 A.1）或经国家认证并授予标准物质证书的标准物质。

5.4 标准溶液配制

5.4.1 标准储备溶液：分别称取适量的标准物质，用乙腈分别配制成浓度约为 1000 mg/L 的标准储备溶液。-18 °C 下避光保存，有效期为 12 个月。

5.4.2 混合标准中间溶液（10.0 mg/L）：分别吸取 1.00 mL 标准储备液于 100 mL 容量瓶中，乙腈定容，配制成四组混合标准工作溶液（A、B、C 和 D 组）。-18 °C 下避光保存，有效期为 3 个月。

5.4.3 混合标准曲线工作溶液（适用于筛查检测）：分别吸取适量 50%乙腈水溶液（含 0.1%甲酸）、内标液和四组混合标准工作溶液，其中 A 组（80 种）、B 组（80 种）、C 组（80 种）和 D 组（66 种），配制为浓度为 0.010 mg/L, 0.020 mg/L, 0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液。试验当天配制，现用现配。

5.4.4 基质匹配混合标准曲线工作溶液（适用于半定量检测）：分别吸取适量基质空白溶液和四组混合标准工作溶液，其中 A 组（80 种）、B 组（80 种）、C 组（80 种）和 D 组（82 种），配制为浓度为 0.010 mg/L, 0.020 mg/L, 0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液，试验当天配制，现用现配。

6 仪器和设备

6.1 液相色谱-串联质谱仪，配有电喷雾离子源（ESI）。

6.2 涡旋混合器。

6.3 高速冷冻离心机：转速不低于 9500 r/min。

6.4 氮气浓缩装置。

6.5 分析天平：感量为 0.1 mg 和 0.01 g。

7 分析步骤

7.1 试样制备

样品测定部位按照 GB 2763 规定执行。

食用菌、热带和亚热带水果(皮可食)随机取样 1 kg，水生蔬菜、茎菜类蔬菜、豆类蔬菜、核果类水果、热带和亚热带水果(皮不可食)随机取样 2 kg，瓜类蔬菜和水果取 4 个~6 个个体(取样量不少于 1 kg)，其他蔬菜和水果随机取样 3 kg。对个体较小的样品，取样后全部处理；对于个体较大的基本均匀样品，可在对称轴或对称面上分割或切成小块后处理；对于细长、扁平或组分含量在各部分有差异的样品，可在不同部位切取小片或截成小段后处理；取后的样品将其切碎，充分混匀，用四分法取部分或全部用组织捣碎机匀浆后，放入聚乙烯瓶中。

干制蔬菜、水果和食用菌随机取样 500 g，粉碎后充分混匀，放入聚乙烯瓶或袋中。

谷类随机取样 500 g，粉碎后使其全部可通过 425 μm 的标准网筛,放入聚乙烯瓶或袋中。

油料、茶叶、坚果和香辛料(调味料)随机取样 500 g，粉碎后充分混匀放入聚乙烯瓶或袋中。

植物油类搅拌均匀，放入聚乙烯瓶中。

7.2 提取与净化

7.2.1 提取

准确称取10 g（精确到0.01 g）样品于50 mL 塑料离心管中，加入10 mL分析纯乙腈和5 mL 0.1%甲酸水溶液，涡旋振荡1 min，9500 r/min 离心10 min。吸取上清液至洁净的50 mL离心管中，加入2 g NaCl，涡旋振荡1 min，9500 r/min 离心10 min。

7.2.2 净化

移取8 mL上清液到装有净化粉末的离心管中（900 mg MgSO₄，180 mg PSA，180 mg EC-C₁₈），振荡混匀 3 min，9500 r/min 离心 10 min。吸取5 mL上清液，40 °C 水浴氮吹至近干，加入1.0 mL乙腈，振荡混匀。过0.22 μm有机滤膜后，上机检测。

7.3 仪器参考条件

7.3.1 色谱条件

- 色谱柱：Waters Acquity UPLC HSS T3，1.8 μm，150 mm×2.1 mm（内径）或相当者；
- 柱温：40 °C；
- 进样量：1 μL；
- 流动相：A相：5 mmol 乙酸铵（含0.1%甲酸）水溶液；B相：甲醇（含0.1%甲酸）；
- 梯度洗脱，见表1。

表1 流动相条件

时间(min)	流速 (mL/min)	A (%)	B (%)
0	0.3	97.0	3.0
1.00	0.3	97.0	3.0
1.50	0.3	95.0	5.0
2.50	0.3	50.0	50.0
18.00	0.3	30.0	70.0
23.00	0.3	2.0	98.0
27.00	0.3	2.0	98.0
27.10	0.3	97.0	3.0
30.00	0.3	97.0	3.0

7.3.2 质谱条件

- 离子源：ESI；
- 扫描模式：正负离子采集；
- 检测方式：分段多反应监测(MRM)模式；
- 离子源电压：4000 V；
- 离子源温度：400 °C；
- 加热块温度：400 °C；
- 脱溶剂温度：650 °C；
- 雾化气流量：3 L/min；
- 干燥气流量：3 L/min；
- 加热气流量：15 L/min。

7.4 定性分析

在相同实验条件下进行样品测定时，如果检出的色谱峰的保留时间与标准溶液一致，并且在扣除背景后的样品质谱图中，目标化合物的质谱定量和定性离子均出现(信噪比大于等于3)，而且同一检测批次，对同一化合物，样品中目标化合物的定性离子和定量离子的相对丰度比与质量浓度相当的标准溶液相比，其允许偏差不超过表2规定的范围，则可判断样品中存在目标农药。

表 2 定性时相对离子丰度的最大允许偏差

相对离子丰度	>50%	>20%至 50%	>10%至 20%	≤10%
允许相对偏差	±20%	±25%	±30%	±50%

7.5 半定量分析

将基质匹配标准系列工作液按浓度由低到高的顺序，依次注入液相色谱-四级杆/飞行时间质谱仪中测定，以标准系列工作液中各化合物浓度为横坐标，以母离子相应的色谱峰面积比值为纵坐标，绘制标准工作曲线，用标准工作曲线对待测样品进行外标法定量。各标准品色谱图参见附录B中表B.1。

7.5.1 空白试验

除不加试样外，均按上述测定步骤进行。

7.5.2 分析结果的表述

试样中农药的残留量按公式（1）计算：

$$X = \frac{C \times V \times 1000}{m \times 1000} \quad (\text{式1})$$

式（1）中：

- X —样品中目标化合物含量，mg/kg；
- C —样品溶液中目标化合物的浓度，mg/L；
- V —样品溶液的定容体积，mL；
- m —样品溶液所代表样品的质量，g。

8 灵敏度

322种农药的筛查限均为0.01 mg/kg。

9 回收率

本方法添加水平为筛查限时，添加回收率范围在50% ～ 200%内。

10 精密度

本标准精密度按照T/SZS 601-2020《食用农产品化学物质残留高通量筛查方法确认与检测质量控制指南》应小于等于20%。

11 特异性

基质空白样品中322种化合物在相应保留时间处的质谱响应不高于筛查限峰面积的5%。

植物性食品中农药残留高通量筛查检测 质谱法

第二法 液相色谱-四级杆飞行时间质谱法

12 范围

本文件规定了植物源性食品中306种农药（具体名单见附录C中表C.1）残留量的液相色谱-四级杆/飞行时间质谱检测方法。

本文件适用于苹果、橙子、生菜、西红柿、芹菜、大米中306种农药残留量的定性筛查、确证和半定量检测，其他植物源性食品可参照执行。

13 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB 2763 食品安全国家标准 食品中农药最大残留限量

GB/T 6682 分析实验室用水规格和试验方法

14 术语和定义

本文件没有需要界定的术语和定义。

15 原理

样品在酸性条件下经乙腈均质提取，采用QuEChERS法净化，液相色谱-四级杆-飞行时间质谱检测，外标法定量。

16 试剂和材料

注：除非另有说明，在分析中仅使用分析纯的试剂，水为GB/T 6682规定的一级水。

16.1 试剂与材料

16.1.1 乙腈(CH₃CN)：色谱纯。

16.1.2 甲酸(HCOOH)：色谱纯。

16.1.3 甲醇(CH₃OH)：色谱纯。

16.1.4 乙酸铵：色谱纯。

16.1.5 乙腈。

16.1.6 氯化钠。

16.1.7 无水 MgSO₄：用前在 650 °C下灼烧 4 h，贮于干燥器内，冷却后备用。

16.1.8 N-丙基乙二胺吸附剂 (PSA)。

16.1.9 尾部封端十八烷基键合硅胶吸附剂 (EC-C₁₈) (粒径范围 40-60 μm, 平均孔径 100 Å)。

16.1.10 微孔滤膜: 0.22 μm, 有机相型。

16.2 试剂配制

16.2.1 0.1%甲酸水溶液: 吸取 1 mL 甲酸至 1 L 容量瓶, 用水稀释并定容, 现用现配。

16.2.2 5 mmol 乙酸铵 (含 0.1 %甲酸) 水溶液: 称取 0.3854 g 乙酸铵, 溶解于 100 mL 水中, 加入 1.0 mL 甲酸, 用水稀释并定容至 1000 mL, 现用现配。

16.2.3 甲醇 (含 0.1%甲酸) 溶液: 吸取 1 mL 甲酸至 1 L 容量瓶, 用甲醇稀释并定容, 现用现配。

16.3 标准品

16.3.1 克百威等 306 种 (详细名单及相关化学信息见附录 C 中表 C.1) 或经国家认证并授予标准物质证书的标准物质。

16.4 标准溶液配制

16.4.1 标准储备溶液: 分别称取适量的标准物质, 用乙腈分别配制成浓度约为 1000 mg/L 的标准储备溶液。-18 °C 下避光保存, 有效期为 12 个月。

16.4.2 混合标准中间溶液 (10.0 mg/L): 分别吸取 1.00 mL 标准储备液于 100 mL 容量瓶中, 乙腈定容, 配制成四组混合标准工作溶液 (A、B、C 和 D 组)。-18 °C 下避光保存, 有效期为 3 个月。

16.4.3 混合标准曲线工作溶液 (适用于筛查检测): 分别吸取适量 50%乙腈水溶液 (含 0.1%甲酸)、内标液和四组混合标准工作溶液, 其中 A 组 (80 种)、B 组 (80 种)、C 组 (80 种) 和 D 组 (66 种), 配制为浓度为 0.010 mg/L, 0.020 mg/L, 0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液。试验当天配制, 现用现配。

16.4.4 基质匹配混合标准曲线工作溶液 (适用于半定量检测): 分别吸取适量基质空白溶液和四组混合标准工作溶液, 其中 A 组 (80 种)、B 组 (80 种)、C 组 (90 种) 和 D 组 (66 种), 配制为浓度为 0.010 mg/L, 0.020 mg/L, 0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液, 试验当天配制, 现用现配。

17 仪器和设备

17.1 液相色谱-四极杆/飞行时间质谱仪, 配有电喷雾离子源 (ESI)。

17.2 涡旋混合器。

17.3 高速冷冻离心机: 转速不低于 9500 r/min。

17.4 氮气浓缩装置。

17.5 分析天平: 感量为 0.1 mg 和 0.01 g。

18 分析步骤

18.1 试样制备

样品测定部位按照 GB 2763 规定执行。

食用菌、热带和亚热带水果(皮可食)随机取样 1 kg, 水生蔬菜、茎菜类蔬菜、豆类蔬菜、核果类水果、热带和亚热带水果(皮不可食)随机取样 2 kg, 瓜类蔬菜和水果取 4 个~6 个个体(取样量不少于 1 kg), 其他蔬菜和水果随机取样 3 kg。对个体较小的样品, 取样后全部处理; 对于个体较大的基本均匀样品, 可在对称轴或对称面上分割或切成小块后处理; 对于细长、扁平或组分含量在各部分有差异的样品, 可在不同部位切取小片或截成小段后处理; 取后的样品将其切碎, 充分混匀, 用四分法取部分或全部用组

组织捣碎机匀浆后，放入聚乙烯瓶中。

干制蔬菜、水果和食用菌随机取样 500 g，粉碎后充分混匀，放入聚乙烯瓶或袋中。

谷类随机取样 500 g，粉碎后使其全部可通过 425 μm 的标准网筛，放入聚乙烯瓶或袋中。

油料、茶叶、坚果和香辛料(调味料)随机取样 500 g，粉碎后充分混匀放入聚乙烯瓶或袋中。

植物油类搅拌均匀，放入聚乙烯瓶中。

18.2 提取与净化

18.2.1 提取

准确称取 10 g (精确到 0.01 g) 样品于 50 mL 塑料离心管中，加入 10 mL 分析纯乙腈和 5 mL 0.1% 甲酸水溶液，涡旋振荡 1 min，9500 r/min 离心 10 min。吸取上清液至洁净的 50 mL 离心管中，加入 2 g NaCl，涡旋振荡 1 min，9500 r/min 离心 10 min。

18.2.2 净化

移取 8 mL 上清液到装有净化粉末的离心管中 (900 mg MgSO_4 ，180 mg PSA，180 mg EC- C_{18})，振荡混匀 3 min，9500 r/min 离心 10 min。吸取 5 mL 上清液，40 $^{\circ}\text{C}$ 水浴氮吹至近干，加入 1.0 mL 乙腈，振荡混匀。过 0.22 μm 有机滤膜后，上机检测。

18.3 仪器参考条件

18.3.1 色谱条件

- 色谱柱：Waters Acquity UPLC HSS T3，1.8 μm ，150 mm \times 2.1 mm (内径) 或相当者；
- 柱温：40 $^{\circ}\text{C}$ ；
- 进样量：10 μL ；
- 流动相：A相：5 mmol 乙酸铵 (含 0.1% 甲酸) 水溶液；B相：甲醇 (含 0.1% 甲酸)；
- 梯度洗脱，见表 1。

表 1 流动相条件

时间(min)	流速 (mL/min)	A (%)	B (%)
0	0.3	95.0	5.0
1.00	0.3	95.0	5.0
3.00	0.3	60.0	40.0
20.00	0.3	20.0	80.0
24.00	0.3	5.0	95.0
28.00	0.3	5.0	95.0
28.10	0.3	95.0	5.0
33.00	0.3	95.0	5.0

18.3.2 质谱条件

- 离子源：HESI；
- 扫描模式：正离子采集；
- 检测方式：TOF-MS/SWATH(数据非依赖性质谱采集)和 TOF-MS/MS；
- 喷雾电压：5500 V；

- e) 毛细管温度: 325 °C;
- f) 加热器温度: 550 °C;
- g) 气帘气压力: 35 unit;
- h) 碰撞气压力: 7 unit;
- i) 雾化气压力: 55 psi;
- j) 干燥气压力: 60 psi;
- k) TOF-MS参数: 采集范围80~900 m/z; 去簇电压DP 80 V; 碰撞能量CE 8 eV; 累积时间: 0.16 s;
- l) TOF-MS/MS参数: 采集范围50~900 m/z; 累积时间: 0.06 s; 电荷数1; 质谱扫描参数见表2。

表 2 TOF-MS/MS 质谱扫描参数

母离子起始扫描质量数 (Da)	母离子结束扫描质量数 (Da)	去簇电压 (V)	碰撞能量 (eV)	碰撞能量扩展 (eV)
80	200	80	35	± 15
195	220	80	35	± 15
219	250	80	35	± 15
249	280	80	35	± 15
279	310	80	35	± 15
309	340	80	35	± 15
339	370	80	35	± 15
369	400	80	35	± 15
399	440	80	35	± 15
439	500	80	35	± 15
499	900	80	35	± 15
900	1200	80	35	± 15

18.4 高分辨质谱库建立

输入306种农药的英文、CAS号及化学式,由高分辨质谱谱库构建软件计算得到每个化合物的理论质量数。利用100 µg/L的混合标准工作溶液在TOF-MS Scan模式下进行测定,得到每个农药的保留时间和母离子精确质量数测定值;在TOF-MS/MS模式下,对每种化合物进行碎片离子谱图采集,并将其导入高分辨质谱谱库,与相应化合物的保留时间、精确质量数测定值、中英文名称、CAS号、分子式等信息相关联(见附录C中表C.1),完成谱库构建。

18.5 定性分析

定性分析依据保留时间、母离子精确质量数、至少一个碎片离子精确质量数。如目标化合物的色谱峰的信噪比 $S/N \geq 3$,保留时间与谱库(附录A中表A.1)中保留时间的相对偏差 $\leq \pm 2.5\%$ (且不超过0.5 min),母离子精确质量数与理论质量数的相对偏差 $\leq 5 \text{ ppm}$ (1×10^{-6}),二级碎片离子精确质量数的相对偏差 $\leq 5 \text{ ppm}$,则可以判断试验中含有该种农药化合物,定性分析及判定依据如表3所示。若检出目标化合物的含量超过筛查限浓度,则可判定样品中该目标化合物的检测结果为阳性结果。

表 3 定性分析及判定依据

定性因子	判定标准	备注
灵敏度	$S/N \geq 3$	色谱峰
保留时间偏差	$\leq \pm 2.5\%$	不超过 0.5 min

母离子精确质量数偏差	≤ 5 ppm	高分辨质谱一、二级同时扫描模式， 包含两个离子(其中一个碎片离子)
碎片离子精确质量数偏差	≤ 5 ppm	

18.6 半定量分析

将基质匹配标准系列工作液按浓度由低到高的顺序，依次注入液相色谱-四级杆/飞行时间质谱仪中测定，以标准系列工作液中各化合物浓度为横坐标，以母离子相应的色谱峰面积比值为纵坐标，绘制标准工作曲线，用标准工作曲线对待测样品进行外标法定量。各标准品色谱图参见附录D中表D.1。

18.6.1 空白试验

除不加试样外，均按上述测定步骤进行。

18.6.2 分析结果的表述

试样中农药的残留量按公式（1）计算：

$$X = \frac{C \times V \times 1000}{m \times 1000} \quad (\text{式1})$$

式（1）中：

- X —样品中目标化合物含量，mg/kg；
- C —样品溶液中目标化合物的浓度，mg/L；
- V —样品溶液的定容体积，mL；
- m —样品溶液所代表样品的质量，g。

19 灵敏度

306种农药的筛查限均为0.01 mg/kg。

20 回收率

本方法添加水平为筛查限时，添加回收率范围在50% ~ 200%内。

21 精密度

本标准精密度按照T/SZS 601-2020《食用农产品化学物质残留高通量筛查方法确认与检测质量控制指南》应小于等于20%。

22 特异性

基质空白样品中306种化合物在相应保留时间处的质谱响应不高于筛查限峰面积的5%。

植物性食品中农药残留高通量筛查检测 质谱法

第三法 气质联用法

23 范围

本文件规定了植物源性食品中315种农药（具体名单见附录E中表E.1）残留量的气相色谱-串联质谱检测方法。

本文件适用于苹果、橙子、生菜、西红柿、芹菜、大米中322种农药残留量的定性筛查、确证和半定量检测，其他植物源性食品可参照执行。

24 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB 2763 食品安全国家标准 食品中农药最大残留限量
GB/T 6682 分析实验室用水规格和试验方法

25 术语和定义

本文件没有需要界定的术语和定义。

26 原理

样品在酸性条件下经乙腈均质提取，采用QuEChERS法净化，气相色谱-串联质谱检测，外标法定量。

27 试剂和材料

注：除非另有说明，在分析中仅使用分析纯的试剂，水为GB/T 6682规定的一级水。

27.1 试剂与材料

- 27.1.1 乙腈(CH₃CN)：色谱纯。
- 27.1.2 甲酸(HCOOH)：色谱纯。
- 27.1.3 甲醇(CH₃OH)：色谱纯。
- 27.1.4 乙酸铵：色谱纯。
- 27.1.5 乙腈。
- 27.1.6 氯化钠。
- 27.1.7 无水 MgSO₄：用前在 650 °C 下灼烧 4 h，贮于干燥器内，冷却后备用。
- 27.1.8 N-丙基乙二胺吸附剂（PSA）。
- 27.1.9 尾部封端十八烷基键合硅胶吸附剂（EC-C₁₈）（粒径范围 40-60 μm，平均孔径 100 Å）。
- 27.1.10 微孔滤膜：0.22 μm，有机相型。

27.2 试剂配制

0.1%甲酸水溶液：吸取 1 mL 甲酸至 1 L 容量瓶，用水稀释并定容，现用现配。

27.3 标准品

毒死蜱等 315 种（详细名单及相关化学信息见附录 E 中表 E.1）或经国家认证并授予标准物质证书的标准物质。

27.4 标准溶液配制

27.4.1 标准储备溶液：分别称取适量的标准物质，用乙腈分别配制成浓度约为 1000 mg/L 的标准储备溶液。-18 °C 下避光保存，有效期为 12 个月。

27.4.2 混合标准中间溶液（10.0 mg/L）：分别吸取 1.00 mL 标准储备液于 100 mL 容量瓶中，乙腈定容，配制成四组混合标准工作溶液（A、B、C 和 D 组）。-18 °C 下避光保存，有效期为 3 个月。

27.4.3 混合标准曲线工作溶液（适用于筛查检测）：分别吸取适量 50% 乙腈水溶液（含 0.1% 甲酸）、内标液和四组混合标准工作溶液，其中 A 组（80 种）、B 组（80 种）、C 组（80 种）和 D 组（66 种），配制为浓度为 0.010 mg/L、0.020 mg/L、0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液。试验当天配制，现用现配。

27.4.4 基质匹配混合标准曲线工作溶液（适用于半定量检测）：分别吸取适量基质空白溶液和四组混合标准工作溶液，其中 A 组（80 种）、B 组（80 种）、C 组（80 种）和 D 组（75 种），配制为浓度为 0.010 mg/L、0.020 mg/L、0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液，试验当天配制，现用现配。

28 仪器和设备

28.1 气相色谱-串联质谱仪，配有电子轰击源（EI）。

28.2 涡旋混合器。

28.3 高速冷冻离心机：转速不低于 9500 r/min。

28.4 氮气浓缩装置。

28.5 分析天平：感量为 0.1 mg 和 0.01 g。

29 分析步骤

29.1 试样制备

样品测定部位按照 GB 2763 规定执行。

食用菌、热带和亚热带水果(皮可食)随机取样 1 kg，水生蔬菜、茎菜类蔬菜、豆类蔬菜、核果类水果、热带和亚热带水果(皮不可食)随机取样 2 kg，瓜类蔬菜和水果取 4 个~6 个个体(取样量不少于 1 kg)，其他蔬菜和水果随机取样 3 kg。对个体较小的样品，取样后全部处理；对于个体较大的基本均匀样品，可在对称轴或对称面上分割或切成小块后处理；对于细长、扁平或组分含量在各部分有差异的样品，可在不同部位切取小片或截成小段后处理；取后的样品将其切碎，充分混匀，用四分法取部分或全部用组织捣碎机匀浆后，放入聚乙烯瓶中。

干制蔬菜、水果和食用菌随机取样 500 g，粉碎后充分混匀，放入聚乙烯瓶或袋中。

谷类随机取样 500 g，粉碎后使其全部可通过 425 μm 的标准网筛，放入聚乙烯瓶或袋中。

油料、茶叶、坚果和香辛料(调味料)随机取样 500 g，粉碎后充分混匀放入聚乙烯瓶或袋中。

植物油类搅拌均匀，放入聚乙烯瓶中。

29.2 提取与净化

29.2.1 提取

准确称取10 g（精确到0.01 g）样品于50 mL 塑料离心管中，加入10 mL分析纯乙腈和5 mL 0.1%甲酸水溶液，涡旋振荡1 min，9500 r/min 离心10 min。吸取上清液至洁净的50 mL离心管中，加入2 g NaCl，涡旋振荡1 min，9500 r/min 离心10 min。

29.2.2 净化

移取8 mL上清液到装有净化粉末的离心管中（900 mg MgSO₄，180 mg PSA，180 mg EC-C₁₈），振荡混匀 3 min，9500 r/min 离心 10 min。吸取5 mL上清液，40 °C 水浴氮吹至近干，加入1.0 mL乙腈，振荡混匀。过0.22 μm有机滤膜后，上机检测。

29.3 仪器参考条件

29.3.1 色谱条件

- a) 色谱柱：TR-PESTICIDE II石英毛细管柱30m *0.25 mm *0.25 μm或相当者；
- b) 色谱柱程序升温：40 °C保持1.5 min，然后以25 °C/min程序升温至90°C保持1.5 min，再以25 °C/min升温至180 °C，再以5 °C/min升温至280 °C，再以10 °C/min升温至300 °C，保持3 min；
- c) 载气：氦气，纯度≥ 99.999 %，流速：1.2 mL/min；
- d) 进样口温度：270 °C；
- e) 进样量：1.00 μL；
- f) 进样方式：不分流进样，1.5 min后打开分流阀和隔垫吹扫阀；
- g) 电子轰击源：70 eV；
- h) 离子源：300 °C；
- i) GC-MS接口温度：280 °C；
- j) 选择离子监测：每种化合物的保留时间、定量离子、定性离子等，见表E1。

29.4 定性分析

在相同实验条件下进行样品测定时，如果检出的色谱峰的保留时间与标准溶液一致，并且在扣除背景后的样品质谱图中，目标化合物的质谱定量和定性离子均出现(信噪比大于等于3)，而且同一检测批次，对同一化合物，样品中目标化合物的定性离子和定量离子的相对丰度比与质量浓度相当的标准溶液相比，其允许偏差不超过表2规定的范围，则可判断样品中存在目标农药。

表2 定性时相对离子丰度的最大允许偏差

相对离子丰度	>50%	>20%至 50%	>10%至 20%	≤10%
允许相对偏差	±20%	±25%	±30%	±50%

29.5 半定量分析

将基质匹配标准系列工作液按浓度由低到高的顺序，依次注入气相色谱-串联质谱仪中测定，以标准系列工作液中各化合物浓度为横坐标，以母离子相应的色谱峰面积比值为纵坐标，绘制标准工作曲线，用标准工作曲线对待测样品进行外标法定量。各标准品色谱图参见附录F中表F.1。

29.5.1 空白试验

除不加试样外，均按上述测定步骤进行。

29.5.2 分析结果的表述

试样中农药的残留量按公式（1）计算：

$$X = \frac{C \times V \times 1000}{m \times 1000} \quad (\text{式1})$$

式(1)中:

X —样品中目标化合物含量, mg/kg;

C —样品溶液中目标化合物的浓度, mg/L;

V —样品溶液的定容体积, mL;

m —样品溶液所代表样品的质量, g。

30 灵敏度

315种农药的筛查限均为0.01 mg/kg。

31 回收率

本方法添加水平为筛查限时, 添加回收率范围在50% ~ 200%内。

32 精密度

本标准精密度按照T/SZS 601-2020《食用农产品化学物质残留高通量筛查方法确认与检测质量控制指南》应小于等于20%。

33 特异性

基质空白样品中315种化合物在相应保留时间处的质谱响应不高于筛查限峰面积的5%。

附 录 A

(资料性)

322 种化合物的相关化学信息及其分组

322种化合物相关化学信息及分组情况如表A.1所示

表 A.1 322 种化合物的相关化学信息及其分组情况

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
1	3-羟基克百威	3-hydroxy carbofuran	16655-82-6	5.4	238.1>181.2	-27	-14	-17	A组
					238.1>163.1	-27	-10	-19	
2	阿维菌素	abamectin	71751-41-2	24.8	895.5>751.5	-32	-46	-32	A组
					895.5>449.3	-32	-46	-22	
3	乙酰甲胺磷	acephate	30560-19-1	4.1	184.0>143.0	-20	-8	-15	A组
					184.0>125.0	-20	-23	-16	
4	啉虫脒	acetamiprid	135410-20-7	5.4	223.1>126.0	-30	-22	-30	A组
					223.1>99.0	-30	-15	-23	
5	乙草胺	acetochlor	34256-82-1	18.5	270.1>224.1	-30	-19	-16	A组
					270.1>148.1	-30	-33	-23	
6	甲草胺	alachlor	15972-60-8	18.5	270.1>238.1	-30	-10	-26	A组
					270.1>162.1	-30	-19	-30	
7	丙硫多菌灵	albendazole	54965-21-8	12.8	266.1>234.1	-12	-18	-23	A组
					266.1>192.0	-12	-32	-30	
8	涕灭威	aldicarb	116-06-3	6.7	213.05>89.0	-24	-17	-16	A组
					213.05>151.5	-24	-9	-16	
9	涕灭威砜	aldicarb-sulfone	1646-88-4	4.4	240.1>148.0	-12	-15	-17	A组
					240.1>166.1	-12	-20	-19	
10	涕灭威亚砜	aldicarb-sulfoxide	1646-87-3	4.3	207.1>89.0	-25	-11	-17	A组
					207.1>132.0	-25	-16	-20	
11	啉啉菌胺	ametoctradin	865318-97-4	22.0	276.2>176.1	-10	-35	-20	A组
					276.2>149.0	-10	-35	-17	
12	莠灭净	ametryn	834-12-8	12.3	228.1>186.1	-30	-18	-19	A组
					228.1>96.1	-30	-39	-27	
13	吡啶啉菌胺	amisulbrom	348635-87-0	22.6	466.0>227.0	-11	-7	-30	A组
					466.0>148.1	-18	-17	-24	
14	莎稗磷	anilofos	64249-01-0	21.0	368.0>199.0	-18	-15	-21	A组
					368.0>125.0	-18	-31	-22	
15	莠去津	atrazine	1912-24-9	10.9	216.1>174.1	-30	-17	-18	A组
					216.1>104.0	-30	-25	-17	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
16	保棉磷	azinphos-methyl	86-50-0	12.9	318.0>125.0 318.0>132.0	-15 -15	-14 -7	-23 -28	A 组
17	噁菌酯	azoxystrobin	131860-33-8	14.5	404.1>372.0 404.1>329.0	-30 -30	-14 -31	-26 -23	A 组
18	苯霜灵	benalaxyl	71626-11-4	21.3	326.2>148.1 326.2>91.1	-16 -16	-21 -11	-15 -20	A 组
19	噁虫威	bendiocarb	22781-23-3	8.1	224.1>167.1 224.1>109.0	-25 -25	-9 -19	-18 -20	A 组
20	苯并烯氟菌唑	benzovindiflupyr	1072957-7 1-1	20.9	396.0>91.0 396.0>368.0	-15 -15	-18 -14	-23 -26	A 组
21	苯螨特	benzoximate	29104-30-1	21.8	364.1>199.0 364.1>105.0	-30 -30	-28 -16	-20 -25	A 组
22	联苯菊酯	bifenthrin	83322-02-5	25.1	440.2>181.1 440.2>166.1	-16 -16	-21 -43	-18 -18	A 组
23	生物吡啶菊酯	bioresmethrin	28434-01-7	24.6	339.2>171.1 339.2>128.1	-24 -24	-16 -43	-18 -23	A 组
24	联苯三唑醇	bitertanol	55179-31-2	21.7	338.2>269.2 338.2>251.0	-17 -17	-9 -15	-29 -18	A 组
25	啉酰菌胺	boscalid	188425-85-6	15.3	343.0>307.1 343.0>140.0	-12 -12	-18 -30	-30 -26	A 组
26	糠菌唑	bromuconazole	116255-48-2	16.9	378.0>159.0 377.9>161.0	-19 -19	-28 -23	-30 -30	A 组
27	乙嘧酚磺酸酯	bupirimate	41483-43-6	18.7	317.2>210.2 317.2>166.1	-30 -30	-26 -23	-19 -22	A 组
28	噻嗪酮	buprofezin	69327-76-0	23.2	306.2>116.1 306.2>201.1	-30 -30	-11 -16	-22 -12	A 组
29	丁草胺	butachlor	23184-66-9	23.4	312.2>238.1 312.1>162.1	-15 -15	-12 -36	-26 -28	A 组
30	仲丁灵	butralin	33629-47-9	24.0	296.2>240.1 296.2>222.1	-14 -14	-12 -21	-25 -24	A 组
31	硫线磷	cadusafos	95465-99-9	22.3	271.1>131.0 271.1>159.0	-30 -30	-14 -37	-29 -18	A 组
32	甲萘威	carbaryl	63-25-2	8.9	202.05>145.0 202.05>127.0	-22 -22	-9 -27	-26 -22	A 组
33	多菌灵	carbendazim	10605-21-7	4.9	192.1>132.1 192.1>160.1	-30 -30	-17 -30	-30 -24	A 组

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
34	克百威	carbofuran	1563-66-2	8.2	222.1>123.0	-25	-11	-17	A 组
					222.1>165.1	-25	-21	-22	
35	萎锈灵	carboxin	5234-68-4	9.0	236.1>143.0	-27	-14	-15	A 组
					236.1>87.0	-27	-20	-22	
36	唑草酮	carfentrazone-ethyl	128639-02-1	20.6	412.0>346.1	-16	-23	-18	A 组
					412.0>366.0	-16	-18	-28	
37	氯虫苯甲酰胺	chlorantraniliprole	500008-45-7	13.3	484.0>285.9	-24	-19	-30	A 组
					484.0>452.9	-24	-16	-30	
38	灭幼脲	chlorbenzuron	196791-54-5	20.3	309.0>156.0	-21	-17	-18	A 组
					309.0>139.0	-10	-45	-23	
39	杀虫脒	chlordimeform	6164-98-3	4.7	197.1>117.1	-21	-23	-19	A 组
					197.1>89.0	-22	-30	-24	
40	毒虫畏	chlorfenvinphos	470-90-6	21.3, 21.7	359.0>155.0	-18	-12	-30	A 组
					359.0>127.0	-18	-33	-18	
41	氟啶脲	chlorfluazuron	71422-67-8	24.1	540.0>382.9	-26	-21	-27	A 组
					540.0>158.0	-26	-20	-30	
42	杀草敏	chloridazon	1698-60-8	5.7	222.0>92.0	-25	-26	-16	A 组
					222.0>104.0	-25	-36	-30	
43	毒死蜱	chlorpyrifos	2921-88-2	23.6	349.9>97.0	-27	-18	-21	A 组
					349.9>197.9	-27	-33	-18	
44	甲基毒死蜱	chlorpyrifos-methyl	5598-13-0	22.0	321.9>125.1	-22	-23	-23	A 组
					323.9>125.1	-22	-15	-20	
45	环虫酰肼	chromafenozide	143807-66-3	18.5	395.2>175.1	-19	-16	-18	A 组
					395.2>339.2	-19	-7	-17	
46	四螨嗪	clofentezine	74115-24-5	21.6	303.0>138.0	-21	-14	-26	A 组
					303.0>102.0	-21	-34	-19	
47	异噁草酮	clomazone	81777-89-1	13.0	240.1>125.0	-27	-19	-22	A 组
					240.1>89.0	-27	-50	-16	
48	噻虫胺	clothianidin	210880-92-5	5.1	250.0>169.1	-29	-12	-17	A 组
					250.0>132.0	-29	-14	-24	
49	蝇毒磷	coumaphos	56-72-4	21.3	363.0>227.0	-18	-26	-23	A 组
					363.0>307.0	-18	-18	-21	
50	丁香菌酯	coumoxystrobin	850881-70-8	23.4	437.2>145.1	-12	-35	-17	A 组
					437.2>205.1	-12	-10	-16	
51	氰草津	cyanazine	21725-46-2	7.4	241.1>104.0	-30	-39	-27	A 组
					241.1>214.1	-30	-31	-19	
52	溴氰虫酰胺	cyantraniliprole	736994-63-1	9.7	475.0>285.9	-11	-19	-22	A 组
					475.0>444.0	-17	-19	-24	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
53	氰霜唑	cyazofamid	120116-88-3	18.8	325.1>108.0	-23	-12	-21	A 组
					325.1>261.1	-23	-10	-28	
54	环氟菌胺	cyflufenamid	180409-60-3	21.9	413.1>295.1	-20	-16	-30	A 组
					413.1>241.0	-20	-40	-20	
55	丁氟螨酯	cyflumetofen	400882-07-7	22.9	465.2>173.0	-11	-20	-12	A 组
					448.1>145.1	-17	-49	-15	
56	霜脍氧	cymoxanil	57966-95-7	6.0	199.1>111.0	-21	-8	-25	A 组
					199.1>128.0	-21	-18	-21	
57	环丙唑醇	cyproconazole	94361-06-5	17.1	292.1>70.0	-30	-20	-27	A 组
					292.1>125.0	-30	-30	-22	
58	噁菌环胺	cyprodinil	121552-61-2	19.0	226.1>93.1	-30	-34	-16	A 组
					226.1>108.1	-30	-27	-19	
59	溴氰菊酯	deltamethrin	52820-00-5	24.2	523.0>280.9	-36	-16	-22	A 组
					523.0>506.0	-38	-11	-28	
60	内吸磷	demeton	8065-48-3	13.4	259.1>89.0	-13	-9	-18	A 组
					259.1>61.0	-10	-32	-13	
61	甲基内吸磷	demeton-S-methyl	919-86-8	8.5	231.0>89.0	-21	-24	-19	A 组
					231.0>61.0	-10	-21	-23	
62	砒吸磷	demeton-S-methyl-sulfone	17040-19-6	4.6	263.0>125.0	-30	-20	-30	A 组
					263.0>169.0	-30	-22	-26	
63	内吸磷-S-砒	demeton-S-sulfone	2496-91-5	5.8	291.0>235.0	-14	-15	-18	A 组
					291.0>263.0	-11	-11	-20	
64	内吸磷-S-亚砒	demeton-S-sulfoxide	2496-92-6	5.6	275.1>141.0	-10	-17	-15	A 组
					275.1>197.0	-10	-30	-28	
65	二嗪磷	diazinon	333-41-5	21.3	305.1>153.1	-30	-19	-18	A 组
					305.1>169.0	-30	-20	-16	
66	敌敌畏	dichlorvos	62-73-7	7.8	221.0>109.0	-23	-16	-11	A 组
					221.0>127.0	-23	-27	-30	
67	苄氯三唑醇	diclobutrazol	75736-33-3	20.4	328.1>70.0	-23	-21	-30	A 组
					330.0>70.0	-23	-37	-30	
68	禾草灵	diclofop-methyl	51338-27-3	23.0	358.0>281.0	-25	-15	-22	A 组
					358.0>341.0	-13	-9	-19	
69	百治磷	dicrotophos	141-66-2	4.8	238.1>112.1	-12	-12	-11	A 组
					238.1>193.0	-12	-9	-20	
70	乙霉威	diethofencarb	87130-20-9	14.2	268.2>226.1	-30	-8	-24	A 组
					268.2>180.1	-30	-17	-19	
71	胺鲜酯	diethyl aminoethyl hexanoate	10369-83-2	5.4	216.2>143.1	-24	-18	-10	A 组
					216.2>100.1	-24	-17	-23	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
72	苯醚甲环唑	difenoconazole	119446-68-3	22.1	406.1>251.0	-30	-25	-27	A组
					406.1>337.0	-30	-17	-24	
73	除虫脲	diflubenzuron	35367-38-5	19.1	311.0>158.0	-13	-10	-28	A组
					311.0>141.0	-13	-14	-16	
74	吡氟酰草胺	diflufenican	83164-33-4	22.4	395.1>266.0	-14	-35	-21	A组
					395.1>246.0	-14	-34	-19	
75	啶草丹	dimepiperate	61432-55-1	22.4	264.1>91.1	-29	-7	-15	A组
					264.1>146.1	-29	-36	-16	
76	精二甲吩草胺	dimethenamid-P	87674-68-8	14.9	276.1>244.1	-14	-14	-25	A组
					276.1>168.1	-14	-24	-17	
77	乐果	dimethoate	60-51-5	5.5	230.0>199.0	-26	-9	-21	A组
					230.0>125.0	-26	-22	-22	
78	烯酰吗啉	dimethomorph	110488-70-5	15.8	388.1>301.0	-19	-20	-21	A组
					388.1>165.0	-19	-34	-30	
79	醚菌胺	dimoxystrobin	149961-52-4	20.1	327.2>205.1	-30	-25	-30	A组
					327.2>238.1	-30	-15	-30	
80	烯唑醇	diniconazole	76714-88-0	21.9	326.1>70.0	-16	-25	-28	A组
					326.1>159.0	-16	-30	-30	
81	敌螨普	dinocap	39300-45-3	24.2	295.1>209.0	-14	-15	-30	B组
					295.1>134.0	-14	-13	-21	
82	呋虫胺	dinotefuran	165252-70-0	4.3	203.1>129.1	-22	-12	-22	B组
					203.1>157.1	-22	-10	-12	
83	敌百虫	dipterex	52-68-6	5.6	256.9>109.0	-29	-17	-19	B组
					256.9>221.0	-29	-10	-23	
84	乙拌磷	disulfoton	298-04-4	22.0	275.0>89.0	-19	-7	-16	B组
					275.0>61.0	-19	-34	-24	
85	乙拌磷砒	disulfoton-sulfone	2497-06-5	10.6	307.0>125.0	-15	-30	-18	B组
					307.0>153.0	-15	-17	-23	
86	乙拌磷亚砒	disulfoton-sulfoxide	2497-07-6	10.2	291.0>185.0	-30	-15	-19	B组
					291.0>213.0	-30	-9	-23	
87	敌瘟磷	edifenphos	17109-49-8	20.9	311.0>109.0	-24	-13	-30	B组
					311.0>283.0	-24	-21	-21	
88	甲氨基阿维菌素苯甲酸盐	emamectin-benzoate	155569-91-8	22.8	886.5>158.1	-40	-39	-17	B组
					886.5>82.1	-40	-55	-15	
89	烯肟菌酯	enestroburin	238410-11-2	23.1	400.1>137.0	-19	-25	-14	B组
					400.1>178.0	-15	-15	-16	
90	苯硫磷	EPN	2104-64-5	22.2	324.0>157.0	-16	-14	-21	B组
					324.0>296.0	-16	-23	-30	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
91	氟环唑	epoxiconazole	135319-73-2	18.6	330.1>121.0	-17	-21	-22	B 组
					330.1>101.0	-17	-18	-25	
92	乙硫磷	ethion	563-12-2	23.4	385.0>199.0	-19	-10	-22	B 组
					385.0>171.0	-19	-26	-25	
93	乙虫腈	ethiprole	181587-01-9	15.1	397.0>351.0	-20	-21	-24	B 组
					397.0>255.0	-20	-35	-26	
94	乙嘧酚	ethirimol	23947-60-6	7.2	210.2>98.1	-13	-22	-25	B 组
					210.2>140.1	-13	-26	-16	
95	乙氧呋草黄	ethofumesate	26225-79-6	14.1	287.1>121.1	-20	-13	-13	B 组
					287.1>259.1	-22	-16	-29	
96	灭线磷	ethoprophos	13194-48-4	18.3	243.1>97.0	-26	-20	-23	B 组
					243.1>130.9	-27	-32	-17	
97	醚菊酯	etofenprox	80844-07-1	25.1	394.2>177.1	-19	-17	-20	B 组
					394.2>107.0	-19	-40	-19	
98	乙螨唑	etoxazole	153233-91-1	23.9	360.1>113.1	-30	-30	-26	B 组
					360.2>141.0	-30	-55	-21	
99	乙嘧硫磷	etrimfos	38260-54-7	20.6	293.1>125.0	-15	-16	-28	B 组
					293.1>265.0	-15	-24	-23	
100	噁唑菌酮	famoxadone	131807-57-3	21.3	392.2>331.1	-11	-12	-25	B 组
					392.2>238.1	-13	-20	-10	
101	咪唑菌酮	fenamidone	161326-34-7	14.8	312.1>236.1	-11	-15	-24	B 组
					312.1>92.0	-11	-24	-16	
102	烯肟菌胺	fenaminstrobin	366815-39-6	22.7	434.1>171.0	-21	-40	-20	B 组
					434.1>212.0	-12	-14	-25	
103	苯线磷	fenamiphos	22224-92-6	19.6	304.1>217.0	-15	-22	-23	B 组
					304.1>202.0	-15	-36	-21	
104	苯线磷砒	fenamiphos-sulfone	31972-44-8	8.7	335.9>266.0	-16	-21	-29	B 组
					335.9>188.1	-16	-28	-21	
105	苯线磷亚砒	fenamiphos-sulfoxide	31972-43-7	8.3	320.1>233.0	-30	-23	-26	B 组
					320.1>292.0	-30	-16	-21	
106	氯苯嘧啶醇	fenarimol	60168-88-9	17.7	331.0>268.1	-16	-22	-28	B 组
					331.0>259.0	-17	-26	-26	
107	喹螨醚	fenazaquin	120928-09-8	24.6	307.2>161.1	-15	-17	-30	B 组
					307.2>131.0	-15	-46	-24	
108	腈苯唑	fenbuconazole	114369-43-6	19.0	337.1>125.0	-26	-27	-25	B 组
					337.1>70.0	-26	-20	-28	
109	环酰菌胺	fenhexamid	126833-17-8	17.8	302.1>97.1	-15	-23	-19	B 组
					302.1>55.1	-15	-40	-22	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
110	仲丁威	fenobucarb	3766-81-2	13.6	208.1>95.0	-23	-13	-17	B 组
					208.1>152.1	-23	-9	-23	
111	苯硫威	fenothiocarb	62850-32-2	19.5	254.1>72.0	-13	-16	-28	B 组
					254.1>160.1	-13	-10	-16	
112	稻瘟酰胺	fenoxanil	115852-48-7	19.5, 19.9	329.1>302.1	-17	-12	-30	B 组
					329.1>86.1	-17	-22	-15	
113	精噁唑禾草灵	fenoxaprop-P-ethyl	71283-80-2	22.9	362.1>288.0	-28	-18	-20	B 组
					362.1>244.1	-28	-28	-23	
114	苯氧威	fenoxycarb	72490-01-8	19.6	302.1>116.1	-15	-21	-16	B 组
					302.1>256.1	-15	-10	-12	
115	甲氰菊酯	fenpropathrin	64257-84-7	23.6	350.2>97.1	-24	-18	-12	B 组
					350.2>125.1	-25	-31	-17	
116	苯锈啶	fenpropidin	67306-00-7	11.5	274.3>117.1	-30	-55	-12	B 组
					274.3>147.1	-30	-30	-30	
117	丁苯吗啉	fenpropimorph	67564-91-4	16.4	304.3>147.1	-30	-30	-27	B 组
					304.3>117.1	-30	-39	-22	
118	胺苯吡菌酮	fenpyrazamine	473798-59-3	17.2	332.1>272.2	-16	-13	-17	B 组
					332.1>304.1	-12	-13	-21	
119	唑螨酯	fenpyroximate	111812-58-9	24.2	422.2>366.1	-30	-15	-26	B 组
					422.2>135.0	-30	-33	-26	
120	丰索磷	fensulfothion	115-90-2	11.4	309.0>281.0	-11	-15	-30	B 组
					309.0>253.0	-11	-18	-26	
121	氧丰索磷	fensulfothion-oxon	6552-21-2	6.2	293.1>237.0	-12	-20	-25	B 组
					293.1>265.0	-12	-15	-29	
122	氧丰索磷砒	fensulfothion-oxon-sulfone	6132-17-8	6.4	309.1>175.0	-23	-15	-12	B 组
					309.1>253.0	-23	-10	-30	
123	丰索磷砒	fensulfothion-sulfone	14255-72-2	12.0	325.0>268.9	-29	-15	-28	B 组
					325.0>296.9	-29	-12	-29	
124	倍硫磷	fenthion	55-38-9	20.6	279.1>169.0	-30	-17	-18	B 组
					279.1>247.0	-30	-12	-18	
125	倍硫磷砒	fenthion-sulfone	3761-42-0	9.3	311.0>125.0	-22	-13	-29	B 组
					311.0>279.0	-22	-20	-13	
126	倍硫磷亚砒	fenthion-sulfoxide	3761-41-9	8.7	295.0>109.0	-11	-18	-10	B 组
					295.0>280.0	-11	-31	-20	
127	氟虫腈	fipronil	120068-37-3	20.0	434.9>330.0	10	16	21	B 组
					434.9>250.0	10	28	24	
128	氟甲腈	fipronil-desulfinyl	205650-65-3	19.0	387.0>351.0	14	17	23	B 组
					387.0>282.0	14	32	17	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
129	氟虫腈硫醚	fipronil-sulfide	120067-83-6	20.6	418.9>262.0	16	29	16	B 组
					418.9>383.0	12	13	17	
130	氟虫腈砒	fipronil-sulfone	120068-36-2	21.3	450.9>414.9	17	17	19	B 组
					450.9>282.0	17	27	18	
131	氟啉虫酰胺	flonicamid	158062-67-0	4.7	230.1>203.0	-25	-10	-25	B 组
					230.1>148.0	-11	-25	-19	
132	氟苯虫酰胺	flubendiamide	272451-65-7	21.0	705.0>531.0	-15	-35	-15	B 组
					705.0>571.0	-15	-35	-15	
133	氟氰戊菊酯	flucythrinate	70124-77-5	23.7	469.2>412.0	-23	-14	-22	B 组
					469.2>181.1	-30	-36	-10	
134	咯菌腈	fludioxonil	131341-86-1	14.7	266.1>229.0	-10	-14	-18	B 组
					266.1>158.0	-10	-46	-19	
135	氟噻草胺	flufenacet	142459-58-3	18.3	364.1>152.1	-19	-18	-15	B 组
					364.1>194.1	-19	-11	-20	
136	氟虫脲	flufenoxuron	101463-69-8	23.8	489.0>141.0	-11	-39	-17	B 组
					489.0>158.0	-11	-20	-12	
137	氟节胺	flumetralin	62924-70-3	24.2	422.1>143.0	-30	-17	-15	B 组
					422.1>108.2	-30	-54	-19	
138	氟吗啉	flumorph	211867-47-9	12.4	372.2>285.1	-17	-18	-29	B 组
					372.2>165.1	-17	-28	-28	
139	氟吡菌胺	fluopicolide	239110-15-7	16.0	383.0>173.0	-17	-22	-30	B 组
					382.9>145.0	-17	-47	-24	
140	氟吡菌酰胺	fluopyram	658066-35-4	17.6	397.1>208.0	-28	-28	-18	B 组
					397.1>173.0	-28	-22	-22	
141	乙羧氟草醚	fluoroglycofen-ethyl	77501-90-7	22.6	465.1>344.0	-17	-15	-26	B 组
					465.1>223.0	-17	-33	-17	
142	呋草酮	flurtamone	96525-23-4	14.4	334.1>247.1	-12	-26	-19	B 组
					334.1>303.1	-12	-20	-23	
143	氟硅唑	flusilazole	85509-19-9	19.5	316.1>247.1	-30	-18	-27	B 组
					316.1>165.1	-30	-29	-30	
144	噻草酸甲酯	fluthiacet-methyl	117337-19-6	20.4	404.0>274.0	-29	-30	-20	B 组
					404.0>344.0	-29	-23	-26	
145	氟酰胺	flutolanil	66332-96-5	16.0	324.1>262.1	-16	-18	-27	B 组
					324.1>282.1	-16	-26	-25	
146	粉唑醇	flutriafol	76674-21-0	10.8	302.1>123.0	-15	-28	-22	B 组
					302.1>109.0	-15	-31	-19	
147	氟唑菌酰胺	fluxapyroxad	907204-31-3	16.0	382.1>362.1	-11	-14	-25	B 组
					382.1>342.1	-11	-21	-22	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
148	地虫硫磷	fonofos	994-22-9	20.8	247.0>109.0	-27	-19	-19	B 组
					247.0>137.0	-26	-10	-14	
149	氯吡啶	forchlorfenuron	68157-60-8	11.6	248.1>129.0	-30	-17	-23	B 组
					248.1>93.0	-30	-34	-17	
150	安硫磷	formothion	2540-82-1	7.0	258.0>125.0	-23	-8	-16	B 组
					258.0>199.0	-10	-23	-25	
151	噻唑磷	fosthiazate	98886-44-3	10.0	284.1>104.0	-30	-10	-24	B 组
					284.1>228.0	-30	-21	-19	
152	呋线威	furathiocarb	65907-30-4	23.2	383.2>252.1	-27	-19	-21	B 组
					383.2>195.0	-27	-13	-27	
153	庚烯磷	heptenophos	23560-59-0	11.7	251.0>127.0	-28	-11	-25	B 组
					251.0>125.0	-28	-29	-20	
154	己唑醇	hexaconazole	79983-71-4	21.2	314.1>70.0	-15	-21	-28	B 组
					314.1>159.0	-15	-29	-30	
155	氟铃脲	hexaflumuron	86479-06-3	22.6	461.0>158.0	-15	-35	-15	B 组
					461.0>141.0	-15	-35	-15	
156	环嗪酮	hexazinone	51235-04-2	8.3	253.1500>171.1	-30	-15	-18	B 组
					253.1500>85.1	-30	-31	-15	
157	噻螨酮	hexythiazox	78587-05-0	23.7	353.1>228.0	-18	-15	-24	B 组
					353.1>168.1	-18	-25	-30	
158	抑霉唑	imazalil	35554-44-0	9.6	297.1>159.0	-15	-24	-15	B 组
					297.1>201.0	-15	-18	-21	
159	亚胺唑	imibenconazole	86598-92-7	23.2	411.0>125.0	-20	-31	-22	B 组
					411.0>171.0	-20	-20	-18	
160	吡虫啉	imidacloprid	105827-78-9	5.0	256.1>209.1	-29	-17	-18	B 组
					256.1>175.1	-29	-14	-22	
161	氯噻啉	imidaclothiz	105843-36-5	5.2	262.1>181.1	-13	-25	-14	C 组
					262.1>122.1	-10	-40	-15	
162	茚虫威	indoxacarb	144171-61-9	22.4	528.1>249.0	-26	-17	-27	C 组
					528.1>293.0	-26	-15	-21	
163	种菌唑	ipconazole	125225-28-7	22.3, 22.5	334.2>70.0	-22	-26	-21	C 组
					334.2>125.0	-13	-43	-13	
164	异稻瘟净	iprobenfos	26087-47-8	20.4	289.1>205.0	-30	-10	-22	C 组
					289.1>91.1	-30	-21	-16	
165	异菌脲	iprodione	36734-19-7	19.1	330.0>288.0	-23	-12	-29	C 组
					330.0>245.0	-23	-11	-21	
166	缬霉威	iprovalicarb	140923-17-7	18.0, 18.2	321.2>119.1	-30	-19	-22	C 组
					321.2>203.1	-30	-8	-22	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
167	氯唑磷	isazofos	42509-80-8	17.3	316.0>122.0	-15	-16	-17	C 组
					316.0>164.0	-15	-27	-21	
168	水胺硫磷	isocarbophos	24353-61-5	11.7	231.0>121.0	-23	-15	-25	C 组
					231.0>109.0	-23	-13	-29	
169	甲基异柳磷	isofenphos-methyl	99675-03-3	20.8	332.1>231.0	-23	-14	-25	C 组
					332.1>121.0	-23	-33	-22	
170	异丙威	isoprocarb	2631-40-5	10.6	194.1>95.0	-21	-14	-17	C 组
					194.1>137.1	-22	-10	-14	
171	稻瘟灵	isoprothiolane	50512-35-1	16.0	291.1>189.0	-14	-11	-25	C 组
					291.1>231.0	-14	-21	-20	
172	吡唑萘菌胺	isopyrazam	881685-58-1	22.2	360.2>244.1	-11	-24	-25	C 组
					360.2>340.2	-11	-21	-22	
173	异噁唑草酮	isoxaflutole	141112-29-0	11.6	360.0>251.0	-17	-14	-26	C 组
					360.0>144.0	-17	-40	-23	
174	依维菌素	ivermectin	70288-86-7	25.7	897.5>329.2	-34	-55	-25	C 组
					897.5>753.4	-34	-55	-10	
175	醚菌酯	kresoxim-methyl	143390-89-0	20.3	314.1>222.1	-16	-15	-25	C 组
					314.1>267.1	-16	-13	-24	
176	乳氟禾草灵	lactofen	77501-63-4	23.1	479.1>344.0	-18	-17	-25	C 组
					479.1>223.0	-18	-31	-25	
177	虱螨脲	lufenuron	103055-07-8	23.4	511.0>158.0	-36	-21	-29	C 组
					511.0>141.0	-36	-44	-15	
178	马拉氧磷	malaoxon	1634-78-2	8.4	315.1>99.0	-15	-24	-19	C 组
					315.1>127.0	-15	-13	-23	
179	马拉硫磷	malathion	121-75-5	16.2	331.0>127.0	-17	-12	-13	C 组
					331.0>99.0	-17	-23	-18	
180	双炔酰菌胺	mandipropamid	374726-62-2	15.8	412.1>328.1	-11	-12	-22	C 组
					412.1>124.9	-11	-30	-20	
181	苯噻酰草胺	mefenacet	73250-68-7	16.9	299.1>148.1	-15	-27	-21	C 组
					299.1>120.1	-15	-14	-15	
182	灭锈胺	mepronil	55814-41-0	16.2	270.1>119.0	-30	-25	-30	C 组
					270.1>228.0	-30	-18	-30	
183	氟氟虫腴	metaflumizone	139968-49-3	23.1	507.1>178.0	-15	-35	-15	C 组
					507.1>287.1	-15	-35	-15	
184	甲霜灵	metalaxyl	57837-19-1	11.7	280.2>220.1	-30	-13	-24	C 组
					280.2>192.1	-30	-18	-20	
185	噁唑酰草胺	metamifop	256412-89-2	23.0	441.1>288.0	-16	-24	-16	C 组
					441.1>180.1	-21	-19	-21	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
186	苯嗪草酮	metamitron	41394-05-2	5.6	203.1>175.1	-10	-18	-20	C 组
					203.1>104.0	-10	-23	-22	
187	吡唑草胺	metazachlor	67129-08-2	11.2	278.1>210.1	-30	-10	-22	C 组
					278.1>134.1	-30	-22	-24	
188	叶菌唑	metconazole	125116-23-6	21.5	320.0>70.0	-23	-40	-28	C 组
					320.0>125.0	-23	-37	-23	
189	虫螨畏	methacrifos	62610-77-9	12.4,13.0	241.0>209.0	-12	-10	-23	C 组
					241.0>125.0	-12	-20	-24	
190	甲胺磷	methamidophos	10265-92-6	3.8	142.0>94.0	-16	-15	-17	C 组
					142.0>125.0	-16	-16	-23	
191	杀扑磷	methidathion	950-37-8	12.4	303.0>145.0	-21	-8	-15	C 组
					303.0>85.0	-21	-22	-30	
192	甲硫威	methiocarb	2032-65-7	14.2	226.1>121.1	-25	-10	-18	C 组
					226.1>169.1	-25	-18	-23	
193	甲硫威砒	methiocarb-sulfone	2179-25-1	5.5	258.1>122.1	-29	-16	-22	C 组
					258.1>201.1	-29	-8	-14	
194	甲硫威亚砒	methiocarb-sulfoxide	2635-10-1	5.1	242.1>185.1	-30	-12	-19	C 组
					242.1>122.1	-30	-29	-23	
195	灭多威	methomyl	16752-77-5	4.7	163.1>88.0	-18	-8	-16	C 组
					163.1>106.0	-18	-10	-19	
196	烯虫酯	methoprene	40596-69-8	24.9	279.0>237.0	-10	-9	-15	C 组
					279.0>191.0	-10	-9	-28	
197	甲氧虫酰肼	methoxyfenozide	161050-58-4	17.0	369.2>149.1	-18	-16	-16	C 组
					369.2>313.1	-18	-8	-22	
198	异丙甲草胺	metolachlor	87392-12-9	19.1	284.1>252.1	-30	-14	-27	C 组
					284.1>176.1	-30	-25	-19	
199	速灭威	metolcarb	1129-41-5	7.3	166.1>109.1	-18	-12	-20	C 组
					166.1>94.0	-18	-25	-19	
200	苯菌酮	metrafenone	220899-03-6	22.0	409.1>209.1	-15	-17	-16	C 组
					409.1>227.0	-20	-22	-18	
201	嗪草酮	metribuzin	21087-64-9	8.3	215.1>187.1	-25	-18	-18	C 组
					215.1>84.1	-25	-21	-30	
202	速灭磷	mevinphos	26718-65-0	4.7,5.4,6.1	225.1>127.1	-25	-17	-23	C 组
					225.1>193.0	-25	-8	-20	
203	禾草敌	molinate	2212-67-1	16.1	188.1>126.1	-21	-13	-13	C 组
					188.1>55.1	-20	-20	-18	
204	久效磷	monocrotophos	2157-98-4	4.7	224.1>127.0	-25	-15	-13	C 组
					224.1>98.1	-25	-8	-20	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
205	腈菌唑	myclobutanil	88671-89-0	16.3	289.1>70.0	-30	-21	-28	C 组
					289.1>125.0	-30	-30	-22	
206	敌草胺	napropamide	15299-99-7	18.4	272.2>171.1	-30	-16	-23	C 组
					272.2>129.1	-30	-17	-18	
207	烯啶虫胺	nitenpyram	150824-47-8	4.5	271.1>126.0	-14	-26	-20	C 组
					271.1>99.0	-14	-13	-19	
208	氟酰脲	novaluron	116714-46-6	22.7	493.0>141.0	-15	-35	-15	C 组
					493.0>158.1	-15	-35	-15	
209	氧乐果	omethoate	1113-02-6	4.3	214.0>183.0	-23	-10	-19	C 组
					214.0>109.0	-23	-14	-28	
210	丙炔噁草酮	oxadiargyl	39807-15-3	21.6	341.0>223.0	-13	-27	-27	C 组
					341.0>230.0	-13	-15	-24	
211	噁草酮	oxadiazon	19666-30-9	23.4	345.1>220.0	-26	-10	-23	C 组
					345.1>303.0	-26	-14	-12	
212	噁霜灵	oxadixyl	77732-09-3	6.8	279.1>219.1	-30	-11	-23	C 组
					279.1>132.1	-30	-21	-24	
213	杀线威	oxamyl	23135-22-0	4.4	237.1>72.0	-27	-20	-30	C 组
					237.1>90.1	-27	-11	-23	
214	杀线威肟	oxamyl-oxime	30558-43-1	4.3	163.0>72.1	-11	-12	-16	C 组
					163.0>90.0	-11	-18	-20	
215	噁嗪草酮	oxaziclomefone	153197-14-9	23.0	376.1>133.1	-19	-15	-20	C 组
					376.1>190.1	-19	-27	-28	
216	亚砷磷	oxydemeton-methyl	301-12-2	4.5	247.0>169.0	-30	-20	-30	C 组
					247.0>127.0	-30	-11	-30	
217	乙氧氟草醚	oxyfluorfen	42874-03-3	22.9	362.0>316.0	-18	-14	-22	C 组
					362.0>237.0	-18	-25	-25	
218	多效唑	paclobutrazol	76738-62-0	15.7	294.1>70.0	-15	-21	-28	C 组
					294.1>125.0	-15	-40	-22	
219	对硫磷	parathion	56-38-2	19.9	292.0>236.0	-30	-14	-25	C 组
					292.0>264.0	-30	-10	-29	
220	戊菌唑	penconazole	66246-88-6	20.3	284.0>70.0	-14	-27	-30	C 组
					284.0>159.0	-14	-17	-27	
221	戊菌隆	pencycuron	66063-05-6	22.0	329.1>125.0	-17	-26	-22	C 组
					329.1>218.1	-17	-15	-23	
222	二甲戊灵	pendimethalin	40487-42-1	23.7	282.2>212.0	-30	-10	-23	C 组
					282.2>194.0	-30	-18	-20	
223	氟唑菌苯胺	penflufen	494793-67-8	20.4	318.2>141.0	-12	-28	-18	C 组
					318.2>234.1	-12	-20	-16	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
224	吡噻菌胺	penthiopyrad	183675-82-3	20.8	360.1>276.0	-18	-15	-28	C组
					360.1>256.0	-27	-34	-17	
225	氯菊酯	permethrin	52645-53-1	24.7,24.9	408.1>183.1	-14	-14	-20	C组
					408.1>355.1	-21	-8	-27	
226	氰烯菌酯	phenamacril	3336-69-4	7.6	217.1>189.1	-11	-40	-20	C组
					217.1>104.0	-11	-17	-22	
227	甜菜宁	phenmedipham	13684-63-4	13.0	301.1>136.0	-21	-8	-12	C组
					301.1>168.0	-21	-19	-28	
228	稻丰散	phenthoate	2597-03-7	20.3	321.0>79.1	-23	-41	-30	C组
					321.0>163.1	-23	-11	-17	
229	甲拌磷	phorate	298-02-2	21.5	261.0>75.0	-29	-10	-30	C组
					261.0>47.0	-29	-18	-15	
230	甲拌磷砒	phorate-sulfone	2588-04-7	10.7	293.0>97.0	-22	-9	-19	C组
					293.0>115.0	-22	-24	-20	
231	甲拌磷亚砒	phorate-sulfoxide	2588-05-8	10.2	277.0>97.0	-19	-8	-16	C组
					277.0>199.0	-19	-12	-28	
232	伏杀硫磷	phosalone	2310-17-0	21.7	368.0>182.0	-30	-14	-19	C组
					368.0>111.0	-30	-39	-20	
233	硫环磷	phosfolan	947-02-4	6.4	256.0>140.0	-13	-24	-26	C组
					256.0>228.0	-13	-12	-25	
234	甲基硫环磷	phosfolan-methyl	5120-23-0	4.8	228.0>168.0	-11	-25	-13	C组
					228.0>109.0	-11	-15	-22	
235	亚胺硫磷	phosmet	732-11-6	13.2	318.0>160.0	-16	-13	-17	C组
					318.0>133.0	-16	-54	-30	
236	氧亚胺硫磷	phosmet-oxon	3735-33-9	6.8	302.0>160.0	-11	-40	-19	C组
					302.0>133.0	-11	-25	-16	
237	磷胺	phosphamidon	13171-21-6	7.0,7.3	300.1>174.1	-15	-12	-17	C组
					300.1>127.0	-15	-29	-22	
238	辛硫磷	phoxim	14816-18-3	21.5	299.0>77.1	-30	-26	-30	C组
					299.1>129.0	-30	-10	-13	
239	氟吡啶草胺	picolinafen	137641-05-5	23.2	377.1>359.1	-19	-26	-24	C组
					377.1>238.0	-19	-19	-17	
240	啉氧菌酯	picoxystrobin	117428-22-5	20.0	368.1>145.1	-10	-13	-16	C组
					368.1>205.1	-18	-35	-29	
241	增效醚	piperonyl-butoxide	51-03-6	23.5	356.2>177.1	-24	-13	-19	D组
					356.2>119.1	-24	-37	-22	
242	抗蚜威	pirimicarb	23103-98-2	8.4	239.2>72.0	-30	-25	-30	D组
					239.2>182.1	-30	-19	-30	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
243	脱甲基抗蚜威	pirimicarb-desmethyl	30614-22-3	5.5	225.1>168.1	-30	-25	-30	D 组
					225.1>180.1	-30	-15	-30	
244	甲基嘧啶磷	pirimiphos-methyl	29232-93-7	21.7	306.1>108.1	-30	-31	-19	D 组
					306.1>164.1	-30	-29	-17	
245	丙草胺	pretilachlor	51218-49-6	22.7	312.2>252.1	-15	-16	-28	D 组
					312.2>176.1	-15	-28	-18	
246	烯丙苯噻唑	probenazole	27605-76-1	7.3	224.0>39.0	-16	-42	-18	D 组
					224.0>41.0	-11	-55	-17	
247	咪鲜胺	prochloraz	67747-09-5	21.3	376.2>308.0	-19	-11	-21	D 组
					376.2>266.0	-19	-17	-29	
248	咪鲜胺-脱氨基咪唑	prochloraz metabolite BTS44595	139520-94-8	21.1	327.0>284.0	-30	-26	-30	D 组
					325.0>282.0	-30	-10	-13	
249	咪鲜胺-脱咪唑甲酰胺基	prochloraz metabolite BTS44596	139542-32-8	20.9	355.0>310.0	-30	-26	-30	D 组
					353.0>308.0	-30	-10	-13	
250	腐霉利	procymidone	32809-16-8	17.5	284.0>256.0	-23	-18	-27	D 组
					284.0>67.0	-19	-44	-28	
251	丙溴磷	profenofos	41198-08-7	22.9	372.9>302.9	-18	-19	-30	D 组
					372.9>344.9	-18	-12	-24	
252	猛杀威	promecarb	2631-37-0	15.0	208.1>109.1	-22	-15	-19	D 组
					208.1>151.1	-22	-8	-16	
253	扑草净	prometryn	7287-19-6	15.7	242.1>200.1	-30	-23	-29	D 组
					242.1>158.0	-30	-17	-22	
254	毒草胺	propachlor	1918-16-7	11.3	212.1>170.0	-30	-14	-18	D 组
					212.1>94.1	-30	-27	-18	
255	霜霉威	propamocarb	24579-73-5	4.2	189.2>102.1	-30	-20	-23	D 组
					189.2>74.0	-30	-12	-15	
256	啶草酯	propaquizafop	111479-05-1	23.3	444.1>100.1	-23	-19	-19	D 组
					444.1>371.0	-23	-16	-18	
257	炔螨特	propargite	2312-35-8	23.9	368.2>175.2	-26	-11	-25	D 组
					368.2>231.2	-26	-17	-19	
258	丙环唑	propiconazole	60207-90-1	21.0	342.1>159.0	-17	-30	-29	D 组
					344.1>161.0	-17	-18	-21	
259	异丙草胺	propisochlor	86763-47-5	21.0	284.1>224.1	-20	-9	-24	D 组
					284.1>212.1	-20	-12	-29	
260	残杀威	propoxur	114-26-1	8.1	210.1>111.0	-23	-7	-18	D 组
					210.1>168.1	-23	-13	-20	
261	炔苯酰草胺	propyzamide	23950-58-5	15.7	256.0>190.0	-28	-13	-20	D 组
					256.0>173.0	-28	-20	-18	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
262	丙氧喹啉	proquinazid	189278-12-4	24.4	373.0>331.0	-18	-23	-18	D 组
					373.0>288.9	-14	-40	-22	
263	苄草丹	prosulfocarb	52888-80-9	22.7	252.1>91.1	-12	-15	-15	D 组
					252.1>128.1	-12	-45	-19	
264	吡唑醚菌酯	pyraclostrobin	175013-18-0	21.6	388.1>194.1	-19	-13	-21	D 组
					388.1>163.1	-19	-24	-30	
265	吡草醚	pyraflufen-ethyl	129630-19-9	21.1	413.0>339.0	-20	-19	-19	D 组
					413.0>253.0	-15	-34	-30	
266	唑胺菌酯	pyrametostrobin	915410-70-7	20.5	382.2>194.1	-14	-18	-15	D 组
					382.2>163.1	-14	-15	-19	
267	唑菌酯	pyraoxystrobin	862588-11-2	21.8	413.1>145.1	-15	-18	-16	D 组
					413.1>205.1	-15	-10	-17	
268	除虫菊素 I	pyrethrins I	121-21-1	24.0	329.2>161.1	-23	-9	-17	D 组
					329.2>133.1	-23	-16	-25	
269	除虫菊素 II	pyrethrins II	121-29-9	22.6	373.2>161.1	-14	-18	-15	D 组
					373.2>133.1	-14	-15	-19	
270	嘧啶肟草醚	pyribenzoxim	168088-61-7	23.4	610.2>413.1	-22	-15	-30	D 组
					610.2>180.1	-22	-27	-19	
271	吡螨灵	pyridaben	96489-71-3	24.5	365.1>309.1	-18	-12	-22	D 组
					365.1>147.1	-18	-25	-27	
272	三氟甲吡醚	pyridalyl	179101-81-6	25.6	492.0>109.0	-18	-27	-19	D 组
					492.0>111.0	-18	-28	-20	
273	哒嗪硫磷	pyridaphenthion	119-12-0	17.0	341.1>189.1	-17	-22	-20	D 组
					341.1>205.0	-23	-22	-22	
274	环酯草醚	pyriftalid	135186-78-6	13.5	319.0>139.0	-22	-27	-25	D 组
					319.0>301.0	-22	-31	-29	
275	嘧霉胺	pyrimethanil	53112-28-0	13.1	200.1>168.1	-30	-25	-19	D 组
					200.1>183.1	-30	-29	-30	
276	丁吡吗啉	pyrimorph	868390-90-3	21.2	385.2>242.0	-14	-27	-18	D 组
					385.2>272.1	-14	-33	-21	
277	吡丙醚	pyriproxyfen	95737-68-1	23.4	322.1>96.0	-30	-14	-10	D 组
					322.1>185.1	-30	-22	-20	
278	啉菌噁唑	pyrisoxazole	847749-37-5	13.9, 14.4	289.1>151.1	-11	-14	-18	D 组
					289.1>120.0	-11	-20	-14	
279	喹硫磷	quinalphos	13593-03-8	20.1	299.1>147.1	-15	-20	-30	D 组
					299.1>163.0	-15	-21	-27	
280	喹禾灵	quizalofop-ethyl	76578-14-8	23.0	373.1>299.1	-13	-18	-20	D 组
					373.1>271.0	-13	-31	-17	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
281	鱼藤酮	rotenone	83-79-4	19.5	395.1>213.1	-14	-22	-23	D 组
					395.1>192.1	-14	-22	-18	
282	氟唑环菌胺	sedaxane	874967-67-6	16.9	332.2>159.0	-13	-19	-28	D 组
					332.2>292.1	-12	-15	-20	
283	硅噻菌胺	silthiofam	175217-20-6	20.2	268.1>252.1	-10	-8	-26	D 组
					268.1>139.0	-10	-27	-30	
284	西玛津	simazine	122-34-9	8.3	202.1>124.1	-30	-19	-25	D 组
					202.1>104.0	-30	-17	-23	
285	西草净	simetryn	1014-70-6	9.3	214.1>96.1	-24	-35	-27	D 组
					214.1>124.1	-25	-24	-21	
286	乙基多杀菌素 J	spinetoram J	187166-40-1	22.2	748.5>142.1	-28	-31	-27	D 组
					748.5>203.1	-28	-53	-11	
287	乙基多杀菌素 L	spinetoram L	187166-15-0	22.7	760.5>142.1	-15	-20	-30	D 组
					760.5>98.1	-15	-21	-27	
288	多杀霉素 A	spinosad A	131929-60-7	21.5	732.5>142.1	-40	-31	-25	D 组
					732.5>98.1	-40	-55	-17	
289	多杀霉素 D	spinosad D	131929-63-0	22.1	746.5>142.1	-40	-30	-25	D 组
					746.5>98.1	-40	-54	-10	
290	螺螨酯	spirodiclofen	148477-71-8	24.3	411.1>71.1	-21	-16	-28	D 组
					411.1>313.0	-21	-11	-22	
291	治螟磷	sulfotep	3689-24-5	20.7	323.0>171.1	-16	-31	-20	D 组
					323.0>115.0	-16	-15	-18	
292	氟啶虫胺腈	sulfoxaflor	946578-00-3	5.6	278.1>174.1	-21	-11	-19	D 组
					278.1>154.0	-20	-26	-25	
293	氟胺氰菊酯	tau-fluvalinate	102851-06-9	24.5	503.1>208.1	-40	-30	-18	D 组
					503.1>181.1	-40	-13	-22	
294	戊唑醇	tebuconazole	80443-41-0	20.7	308.2>70.0	-22	-22	-27	D 组
					308.2>125.0	-22	-38	-23	
295	虫酰肼	tebufenozide	112410-23-8	20.2	353.2>133.1	-18	-20	-24	D 组
					353.2>297.1	-18	-8	-15	
296	丁噻隆	tebuthiuron	34014-18-1	8.7	229.1>172.1	-30	-15	-30	D 组
					229.1>116.0	-30	-25	-23	
297	氟苯脲	teflubenzuron	83121-18-0	23.2	381.0>141.0	-15	-35	-15	D 组
					381.0>158.0	-15	-35	-15	
298	特丁硫磷	terbufos	13071-79-9	23.1	289.1>103.1	-14	-9	-18	D 组
					289.0>57.1	-14	-24	-24	
299	特丁硫磷砒	terbufos-sulfone	56070-16-7	14.1	321.0>115.0	-22	-12	-17	D 组
					321.0>97.0	-22	-26	-24	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
300	特丁硫磷亚砷	terbufos-sulfoxide	10548-10-4	14.1	305.0>187.0	-30	-20	-30	D 组
					305.0>96.9	-30	-52	-10	
301	特丁津	terbuthylazine	5915-41-3	14.9	230.1>174.1	-30	-16	-18	D 组
					230.1>104.1	-30	-29	-19	
302	四氟醚唑	tetraconazole	112281-77-3	18.1	372.0>159.0	-27	-31	-29	D 组
					372.0>70.0	-27	-24	-27	
303	噻菌灵	thiabendazole	148-79-8	5.5	202.0>131.1	-30	-24	-30	D 组
					202.0>175.0	-30	-33	-24	
304	噻虫啉	thiacloprid	111988-49-9	5.9	253.0>126.0	-28	-20	-22	D 组
					253.0>99.0	-28	-43	-17	
305	噻虫嗪	thiamethoxam	153719-23-4	4.6	292.0>211.1	-30	-11	-22	D 组
					292.0>181.1	-30	-23	-19	
306	噻氟菌胺	thifluzamide	130000-40-7	19.2	528.8>488.8	-26	-38	-26	D 组
					528.8>148.0	-34	-24	-21	
307	甲基硫菌灵	thiophanate-methyl	23564-05-8	7.9	343.1>151.0	-17	-20	-16	D 组
					343.1>311.0	-17	-10	-22	
308	甲基立枯磷	tolclofos-methyl	57018-04-9	21.6	301.0>175.0	-15	-29	-30	D 组
					301.0>268.9	-20	-17	-13	
309	唑虫酰胺	tolfenpyrad	129558-76-5	23.3	384.1>197.1	-10	-25	-12	D 组
					384.1>171.0	-10	-41	-29	
310	三唑酮	triadimefon	43121-43-3	16.5	294.1>197.0	-21	-22	-26	D 组
					294.1>225.0	-21	-15	-21	
311	三唑醇	triadimenol	55219-65-3	15.7	296.1>70.0	-15	-11	-29	D 组
					296.1>99.1	-15	-15	-17	
312	野麦畏	triallate	2303-17-5	23.7	304.0>143.0	-15	-27	-25	D 组
					304.0>86.0	-15	-17	-16	
313	三唑磷	triazophos	24017-47-8	17.2	314.1>162.1	-23	-19	-17	D 组
					314.1>119.1	-23	-35	-21	
314	三环唑	tricyclazole	41814-78-2	6.4	190.0>136.0	-21	-21	-30	D 组
					190.0>163.0	-21	-26	-24	
315	肟菌酯	trifloxystrobin	141517-21-7	22.5	409.1>186.1	-20	-18	-20	D 组
					409.1>145.0	-20	-44	-26	
316	氟菌唑	triflumizole	99387-89-0	22.4	346.1>73.1	-17	-13	-30	D 组
					346.1>278.1	-17	-17	-30	
317	氟菌唑代谢物 FM-6-1	triflumizole metabolite FM-6-1	131549-75-2	7.0	295.0>195.0	-15	-11	-29	D 组
					295.0>215.0	-15	-15	-17	
318	杀铃脲	triflumuron	64628-44-0	21.7	359.0>139.0	-17	-16	-30	D 组
					359.0>111.1	-17	-33	-26	

表 A.1 (续)

序号	中文名	英文名	CAS 号	保留时间	离子对	Q1 Pre Bias(V) 1	CE 1	Q3 Pre Bias(V) 1	备注
319	灭菌唑	triticonazole	131983-72-7	18.1	318.1>70.0	-16	-21	-28	D 组
					318.1>125.0	-16	-39	-23	
320	烯效唑	uniconazole	83657-22-1	17.0	292.1>70.0	-21	-24	-27	D 组
					292.1>125.0	-21	-28	-23	
321	蚜灭磷	vamidothion	2275-23-2	5.3	288.0>146.1	-14	-13	-16	D 组
					288.0>118.0	-14	-23	-22	
322	苯酰菌胺	zoxamide	156052-68-5	21.1	335.8>187.0	-16	-24	-20	D 组
					335.8>159.0	-16	-41	-30	

粤港澳大湾区高品质食品标准
(征求意见稿)

附 录 B

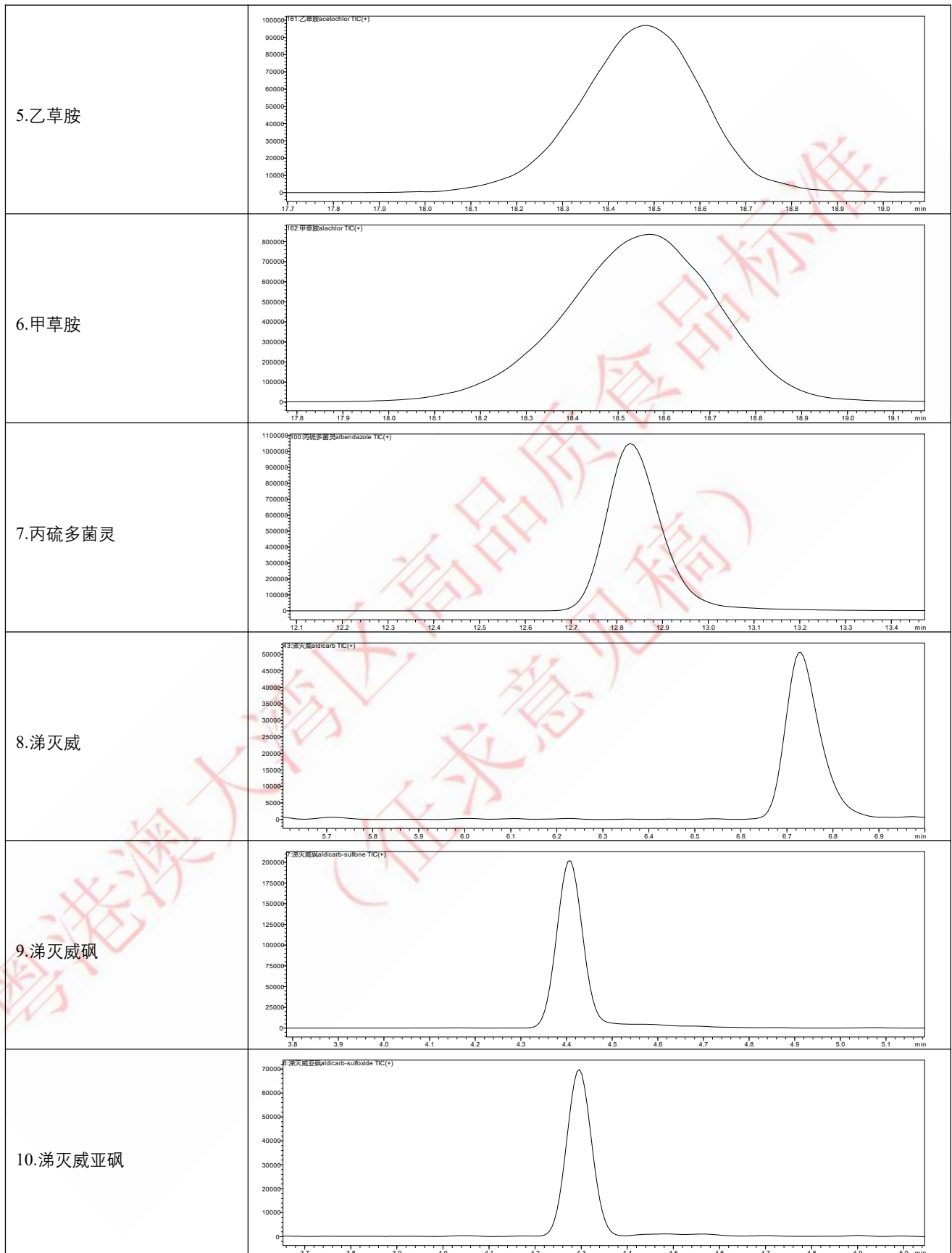
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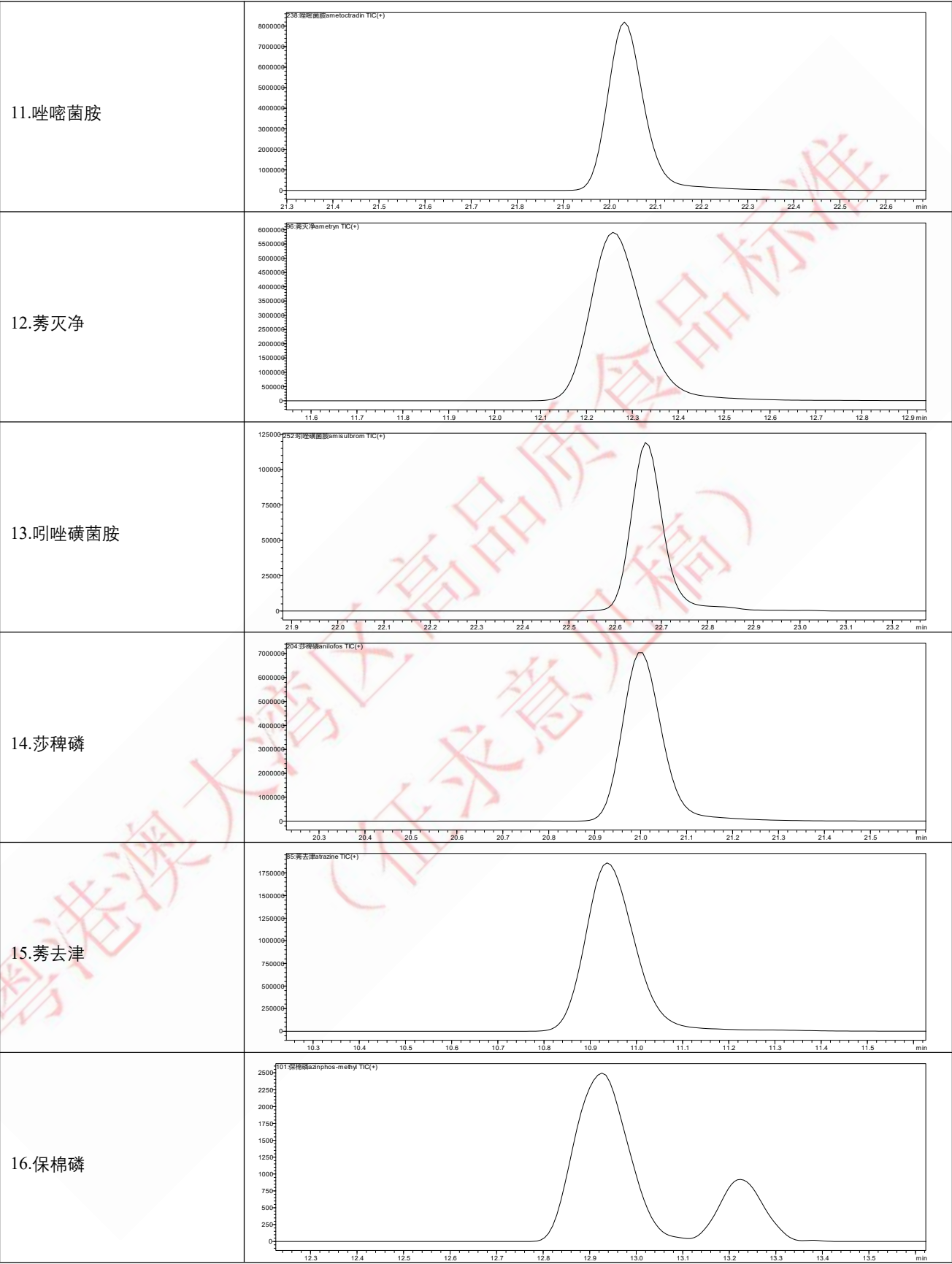
322 种化合物的多反应检测 MRM 色谱图

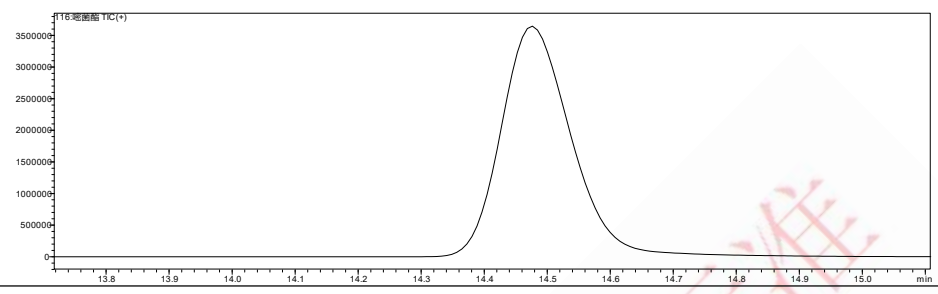
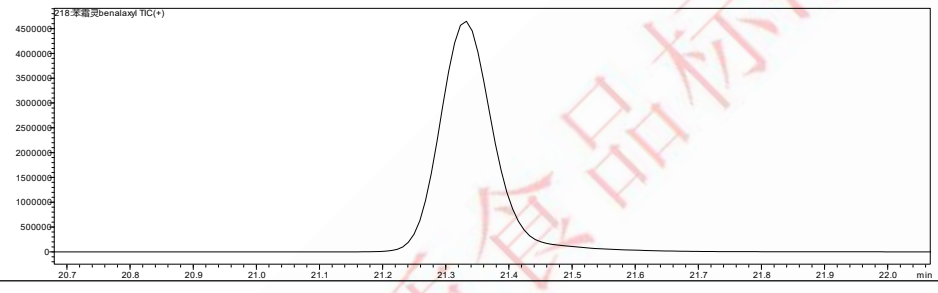
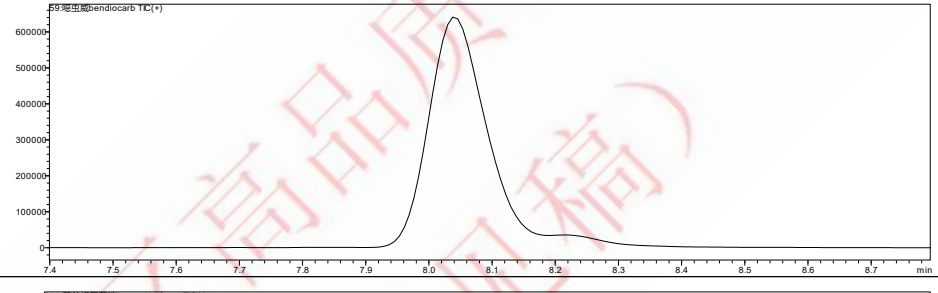
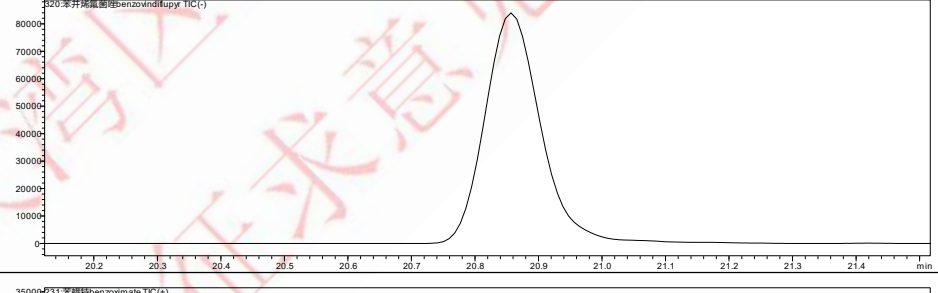
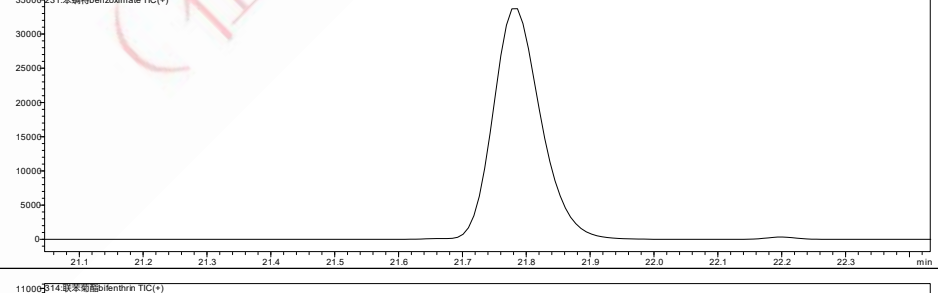
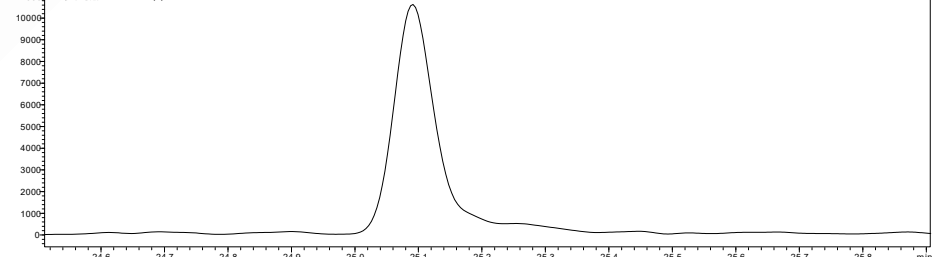
322种化合物的多反应检测MRM色谱图如表B.1所示

表B.1 322种化合物的多反应检测MRM色谱图

1.3-羟基克百威	
2.阿维菌素	
3.乙酰甲胺磷	
4.啶虫脒	

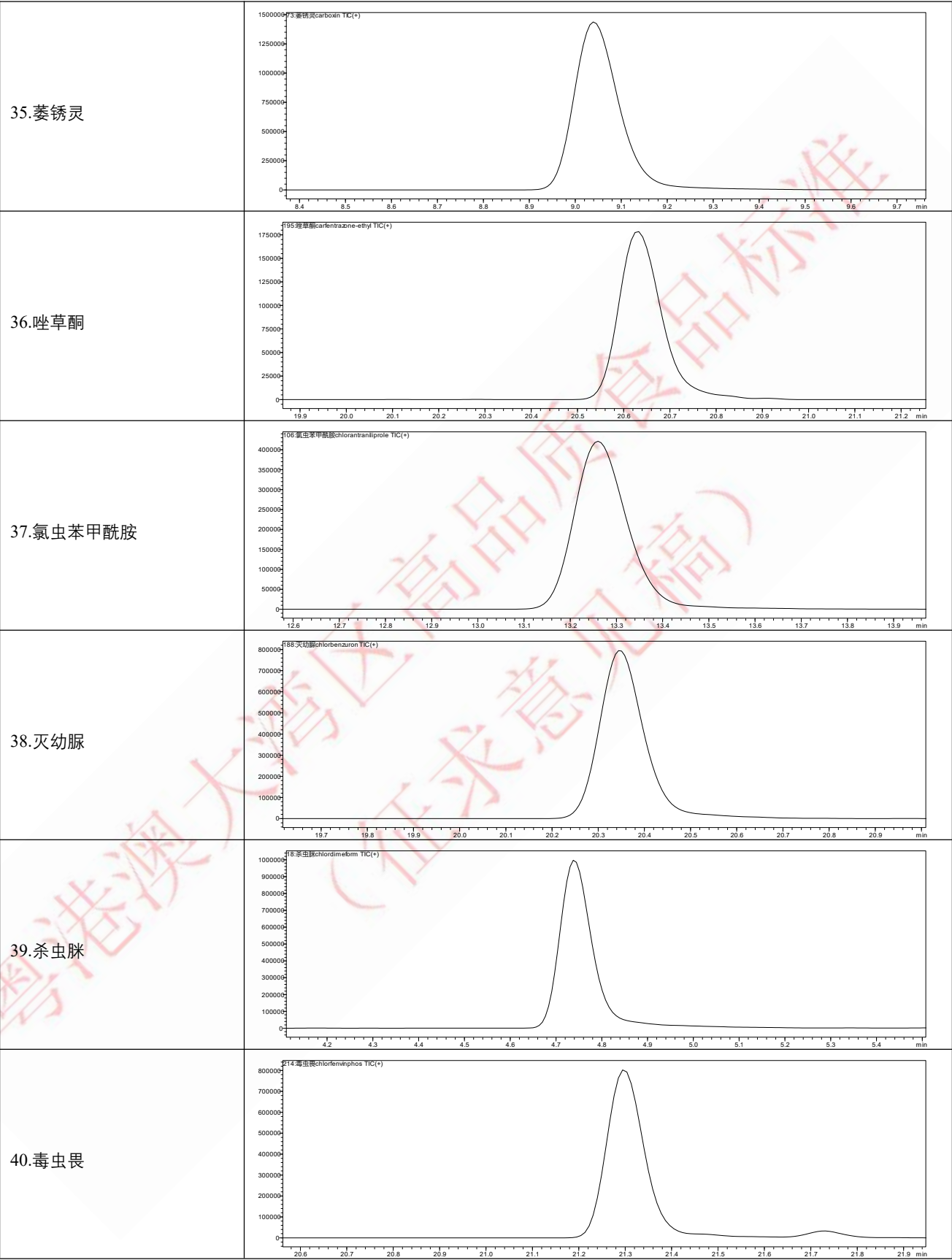


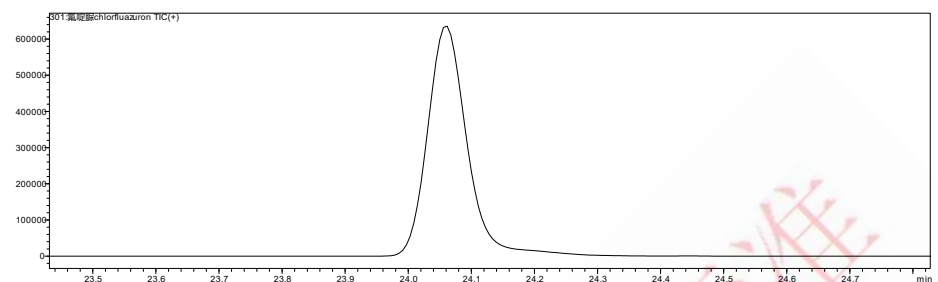
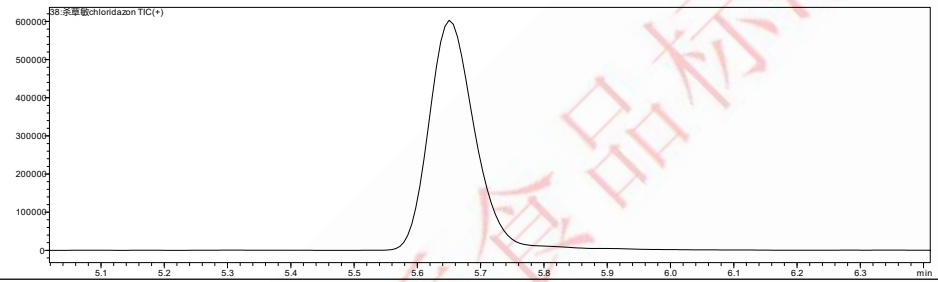
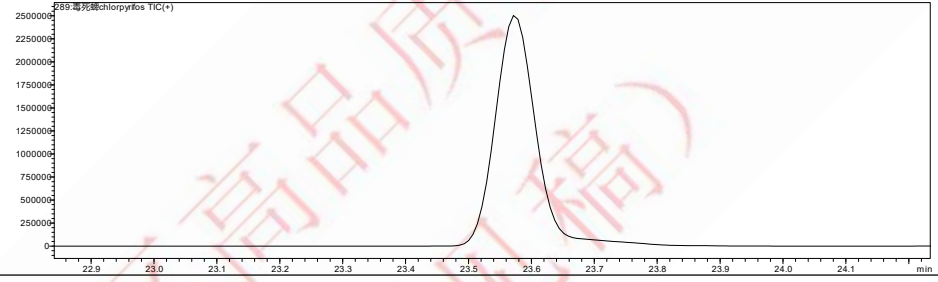
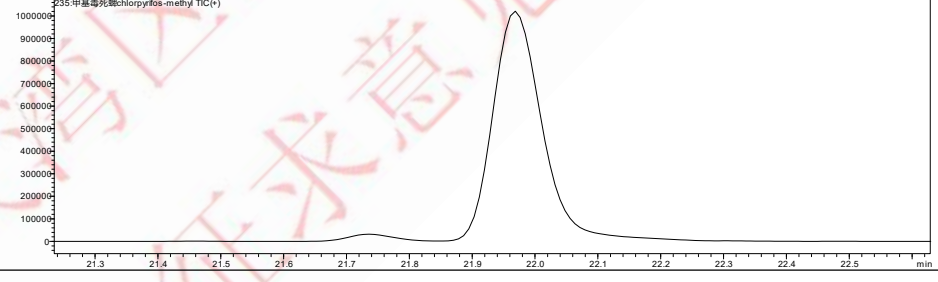
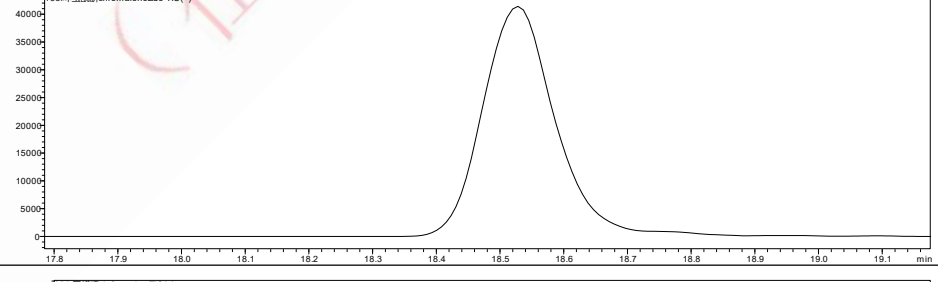
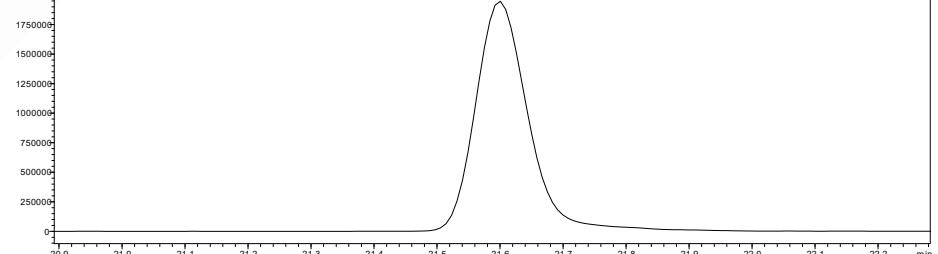


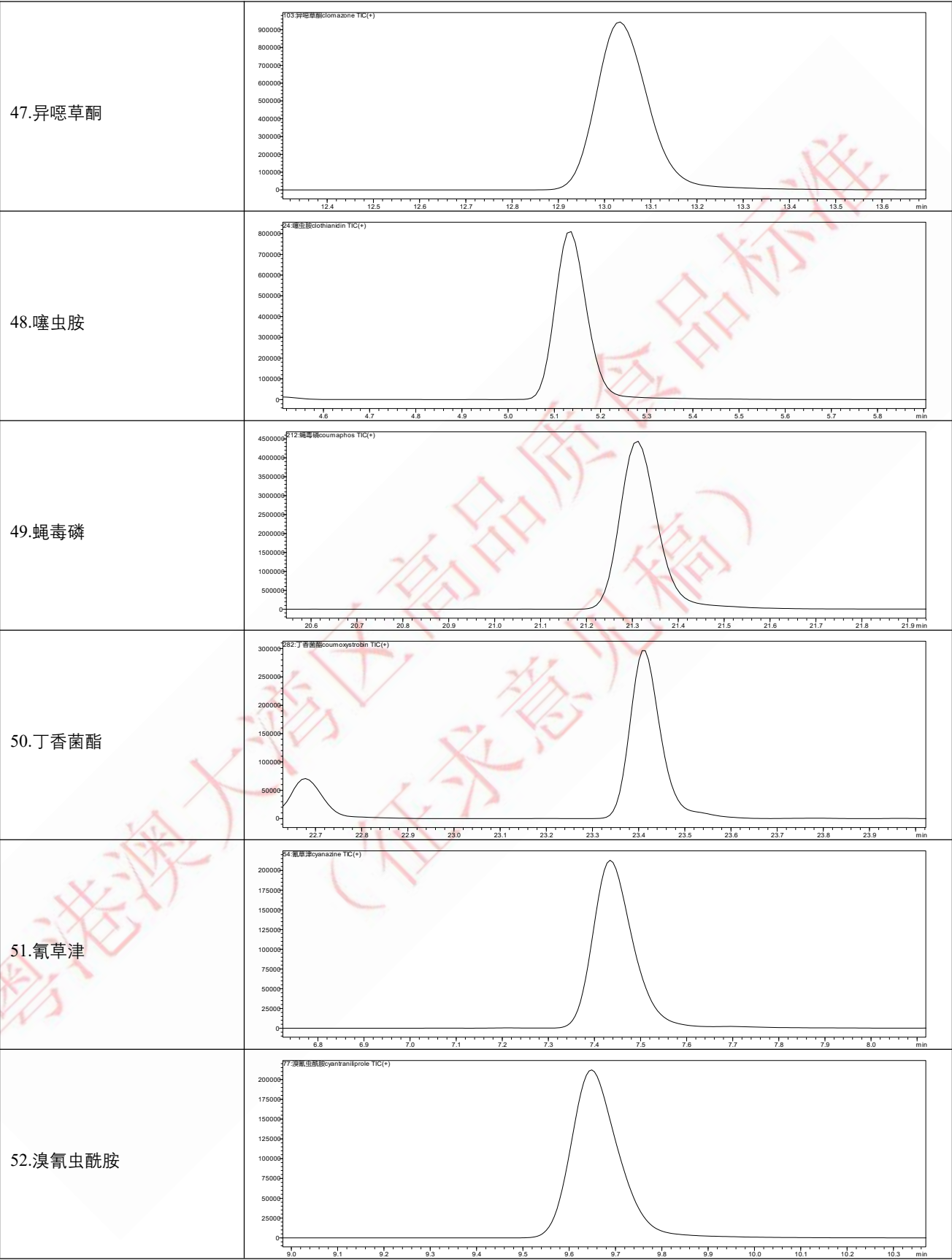
17. 啉菌酯	
18. 苯霜灵	
19. 噁虫威	
20. 苯并烯氟菌唑	
21. 苯螨特	
22. 联苯菊酯	

23.生物苜蓿菊酯	
24.联苯三唑醇	
25.啶酰菌胺	
26.糠菌唑	
27.乙嘧酚磺酸酯	
28.噻嗪酮	

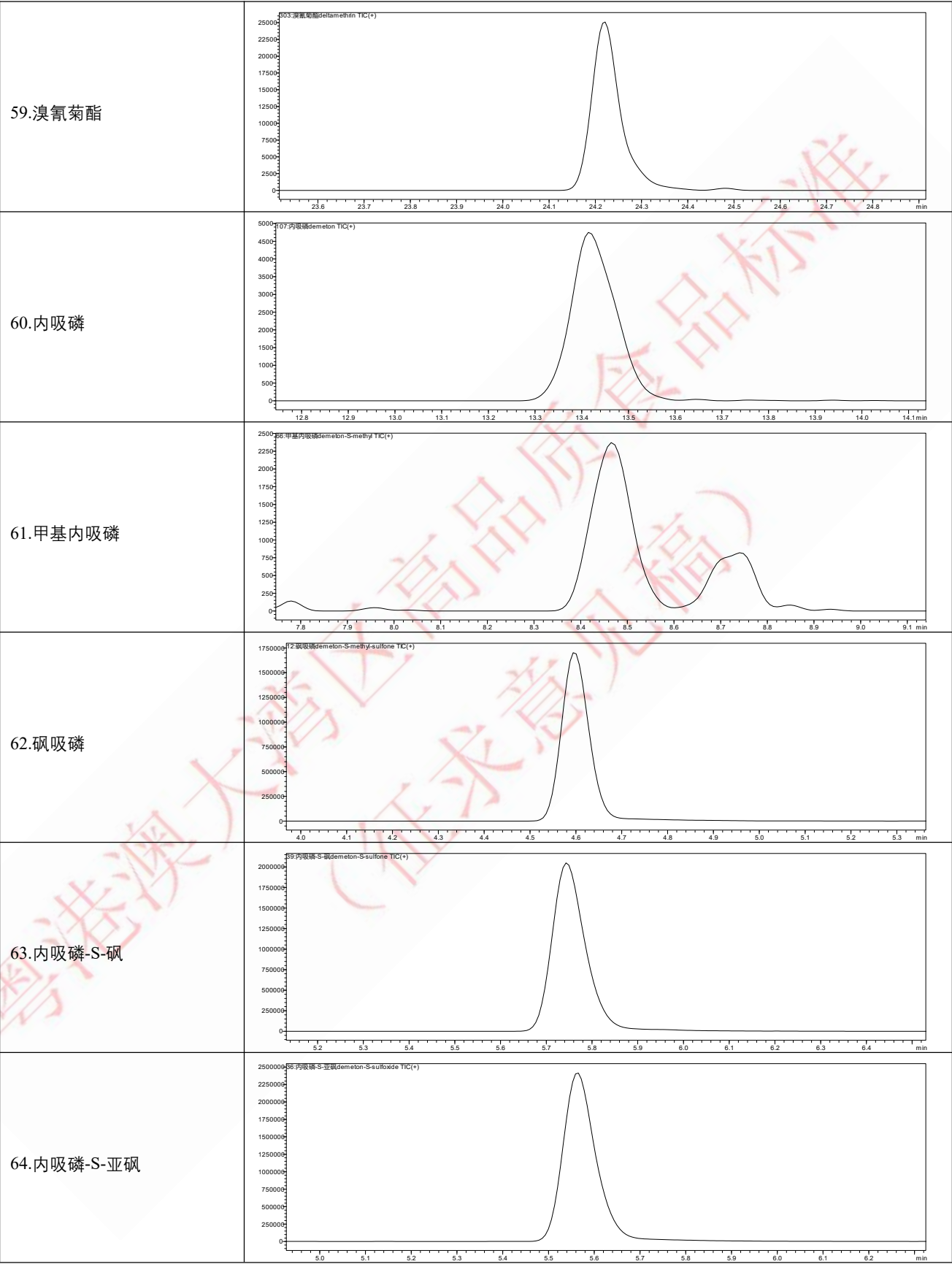
29.丁草胺	
30.仲丁灵	
31.硫线磷	
32.甲萘威	
33.多菌灵	
34.克百威	

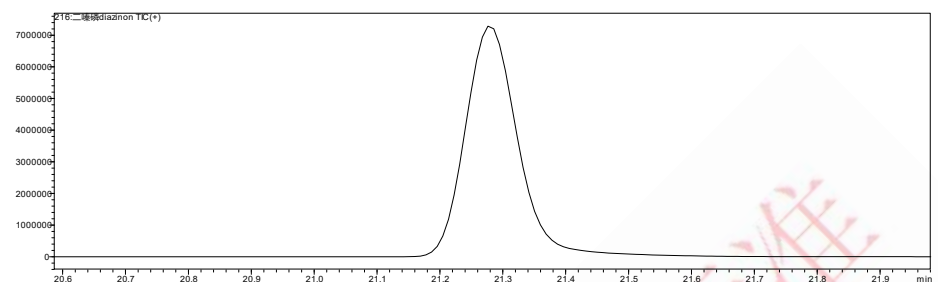
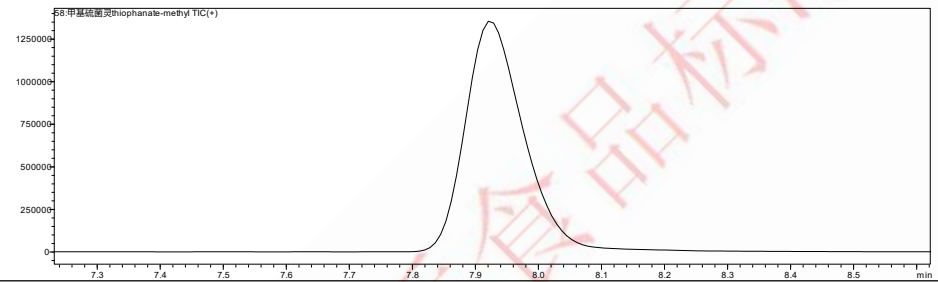
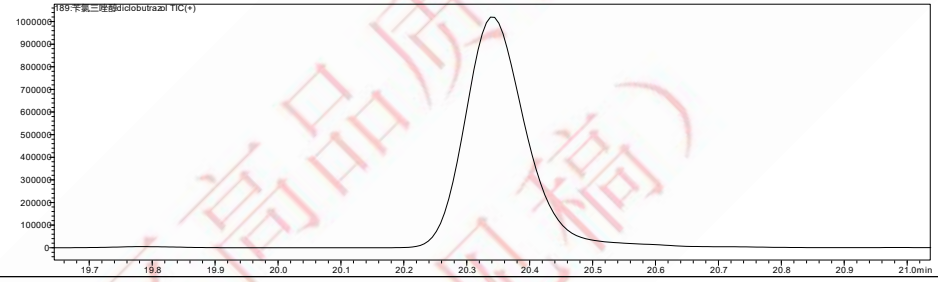
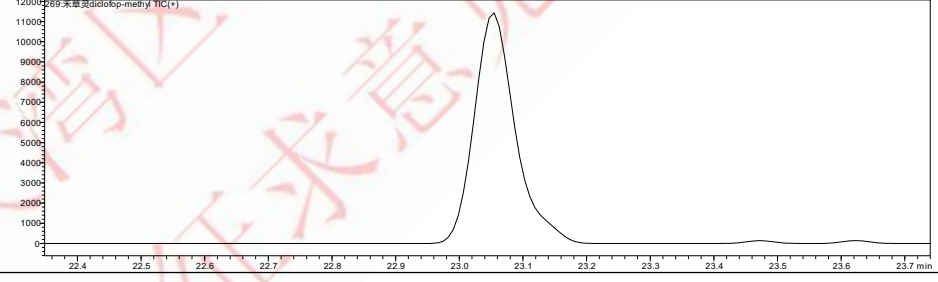
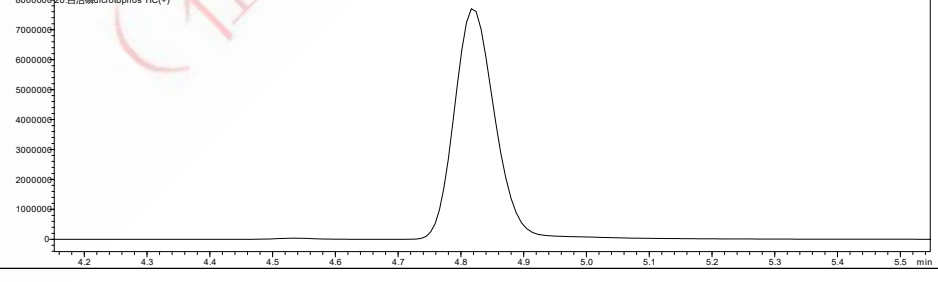
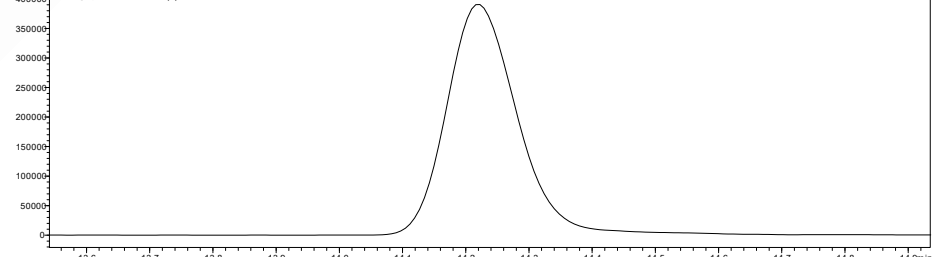


41. 氟啶脲	
42. 杀草敏	
43. 毒死蜱	
44. 甲基毒死蜱	
45. 环虫酰肼	
46. 四螨嗪	

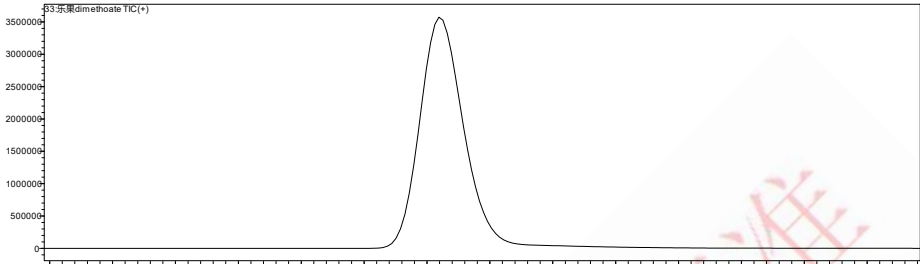
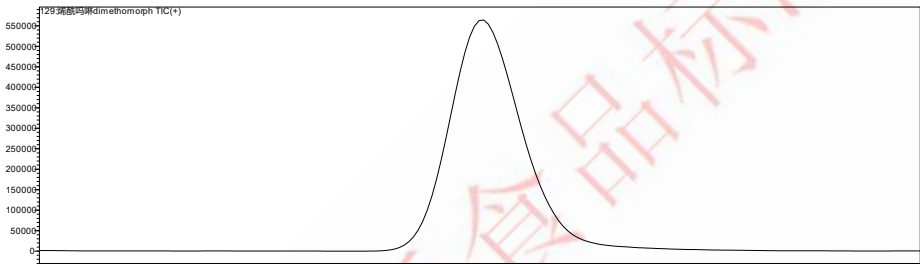
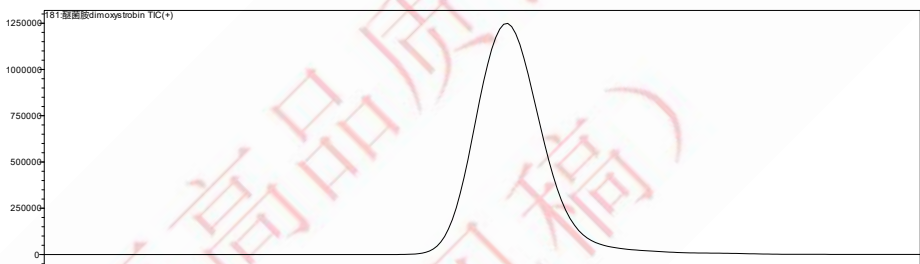
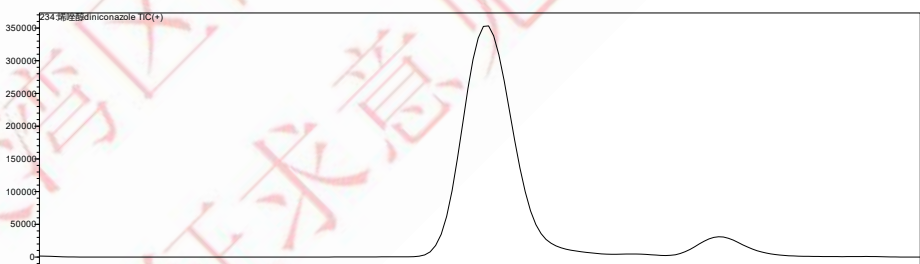
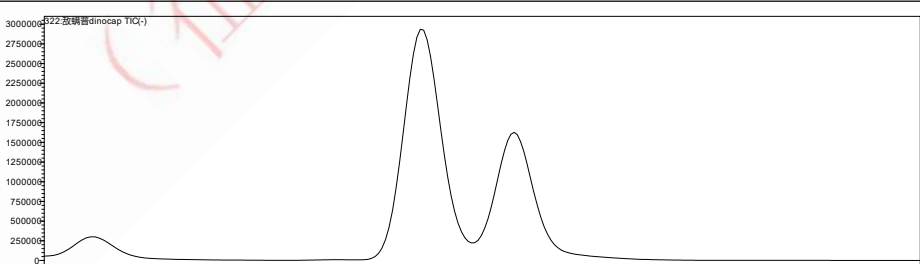
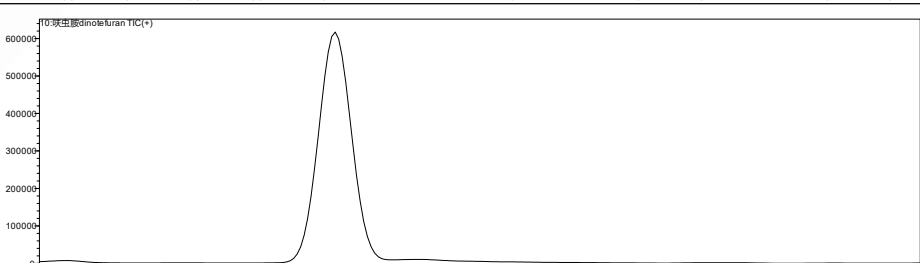


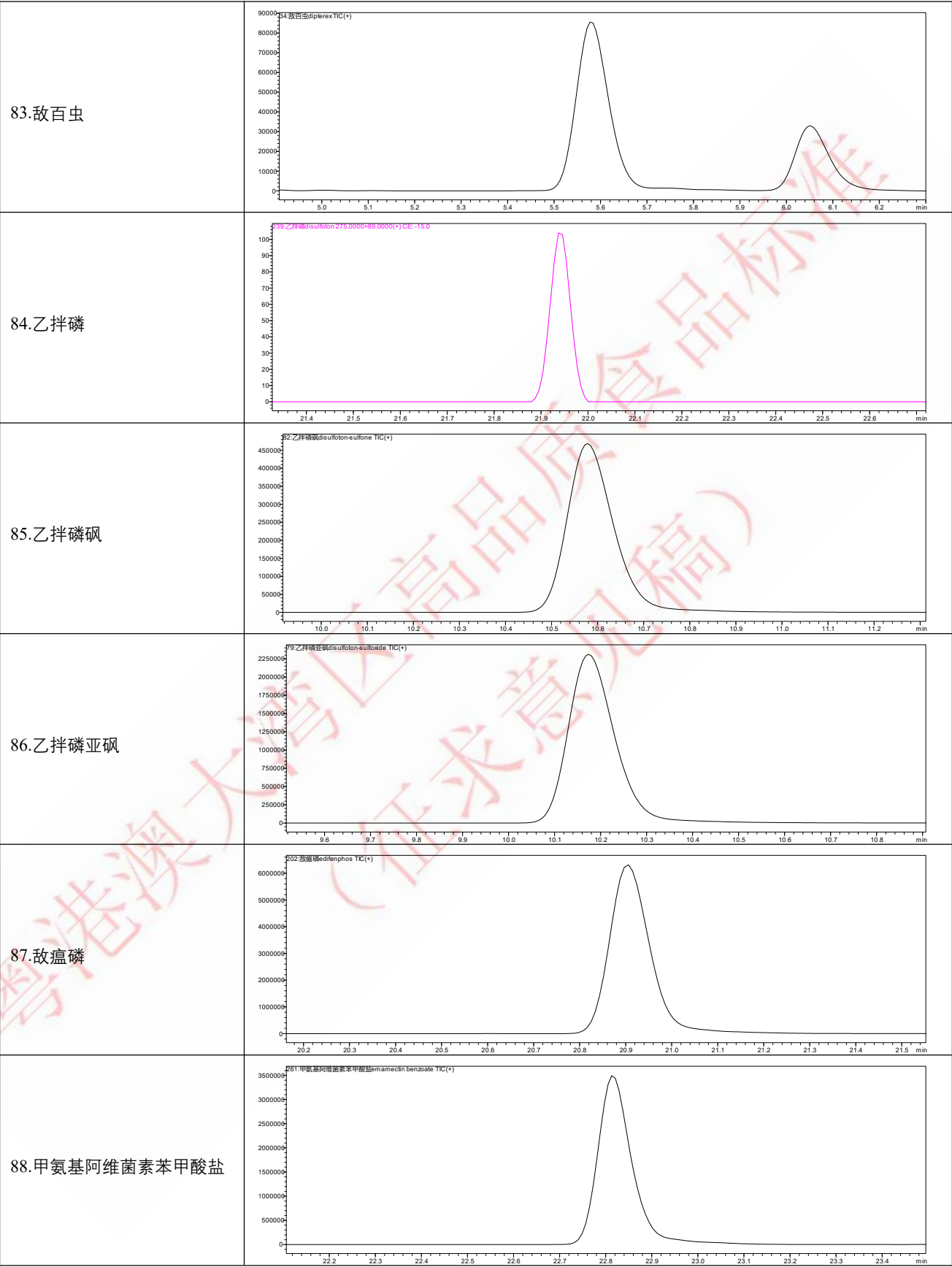
53. 氟霜唑	
54. 环氟菌胺	
55. 丁氟螨酯	
56. 霜脍氰	
57. 环丙唑醇	
58. 啉菌环胺	



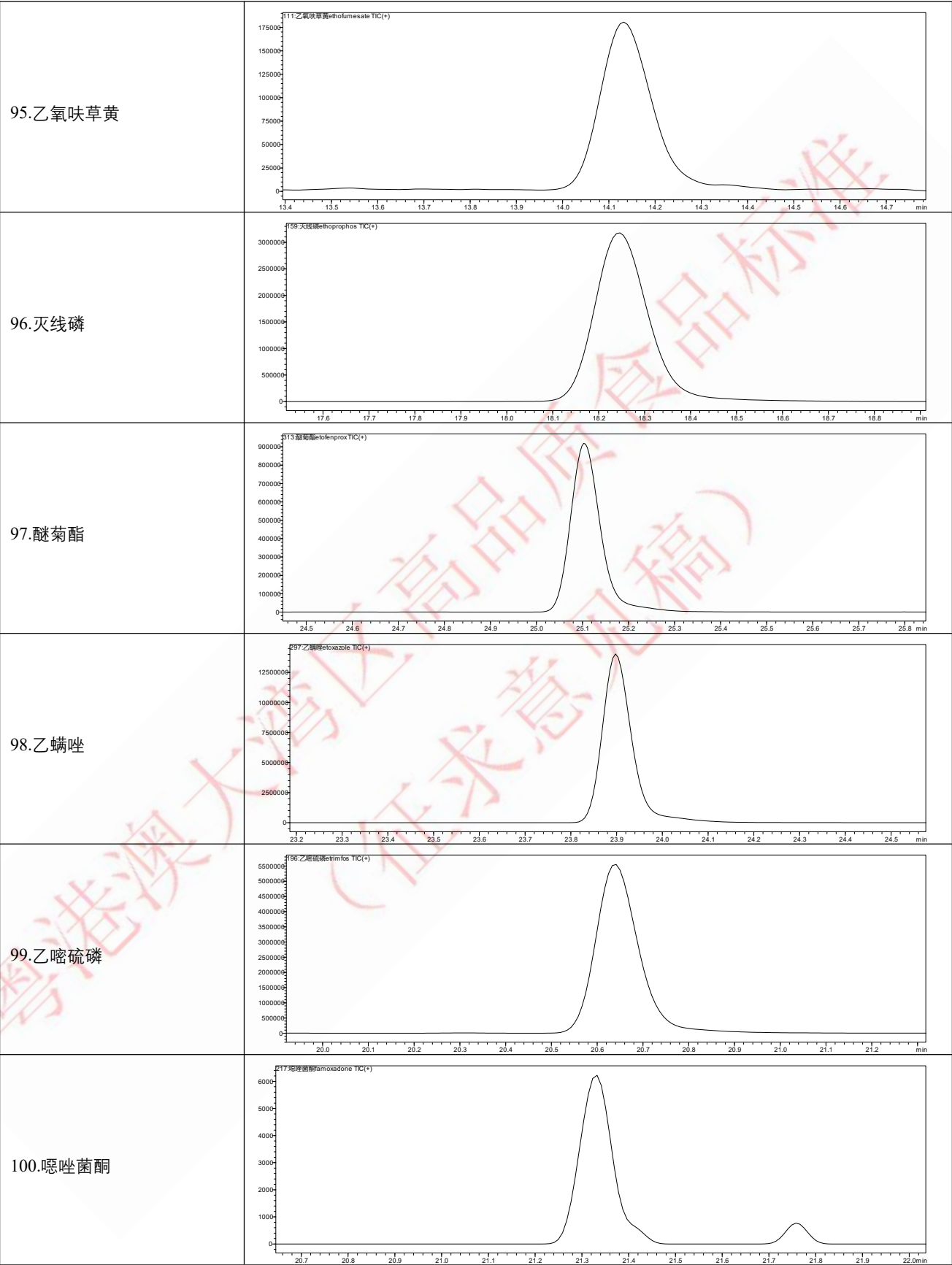
65.二嗪磷	
66.敌敌畏	
67.苄氯三唑醇	
68.禾草灵	
69.百治磷	
70.乙霉威	

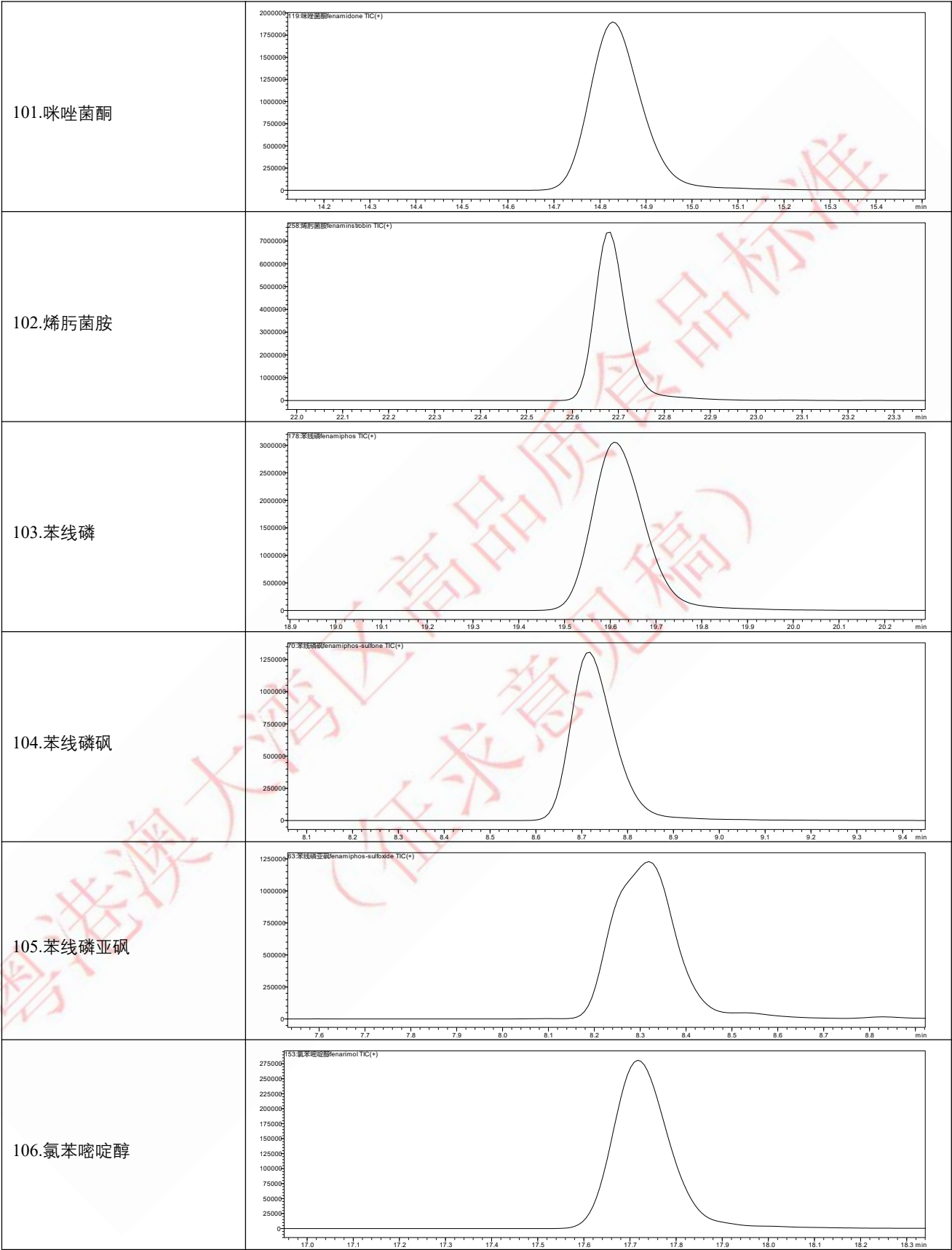
71.胺鲜酯	
72.苯醚甲环唑	
73.除虫脲	
74.吡氟酰草胺	
75.啶草丹	
76.精二甲吩草胺	

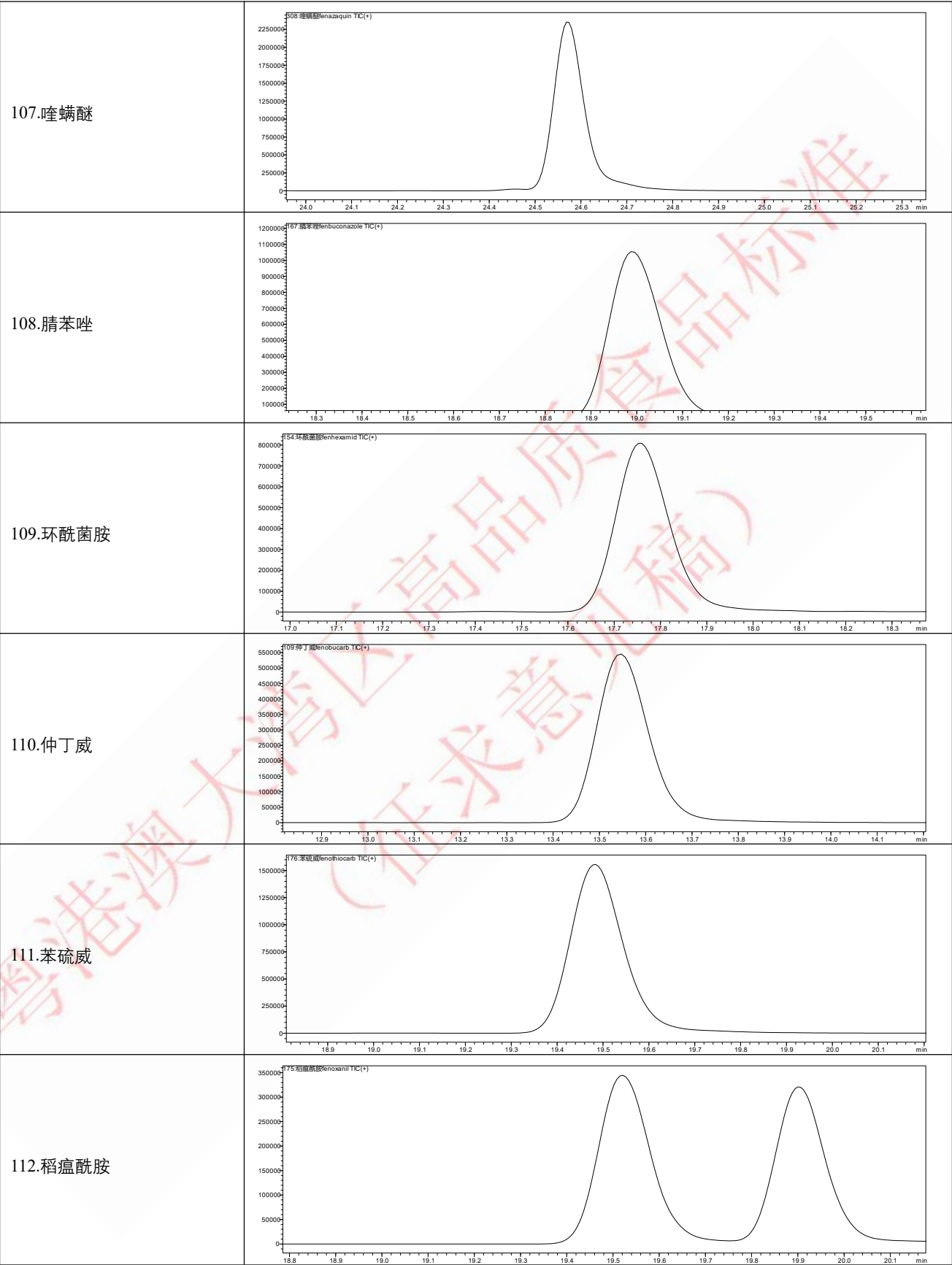
77.乐果	
78.烯酰吗啉 (需调整)	
79.醚菌胺	
80.烯唑醇	
81.敌螨普	
82.呋虫胺	



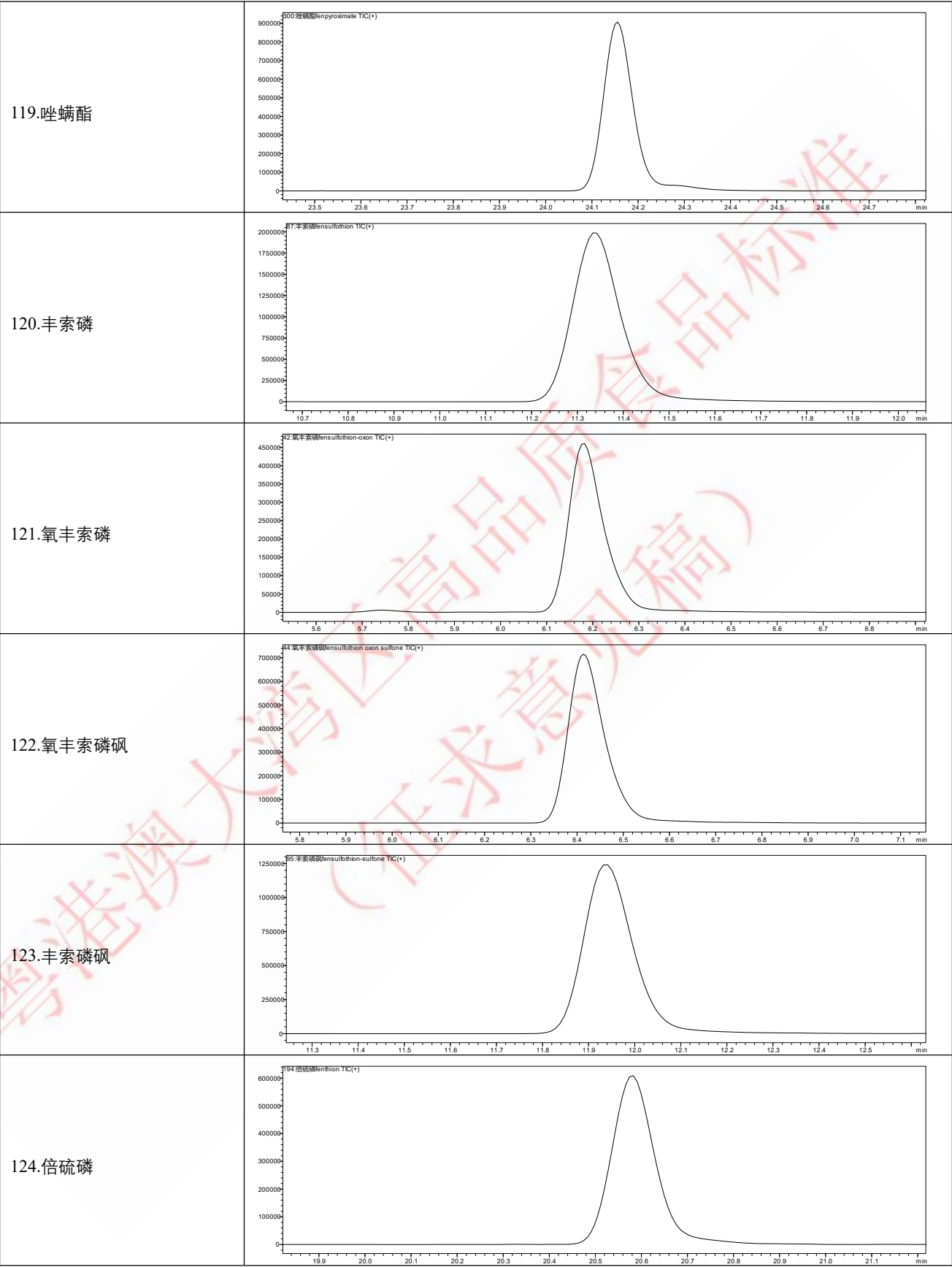
89.烯肟菌酯	
90.苯硫磷	
91.氟环唑	
92.乙硫磷	
93.乙虫腈	
94.乙嘧酚	

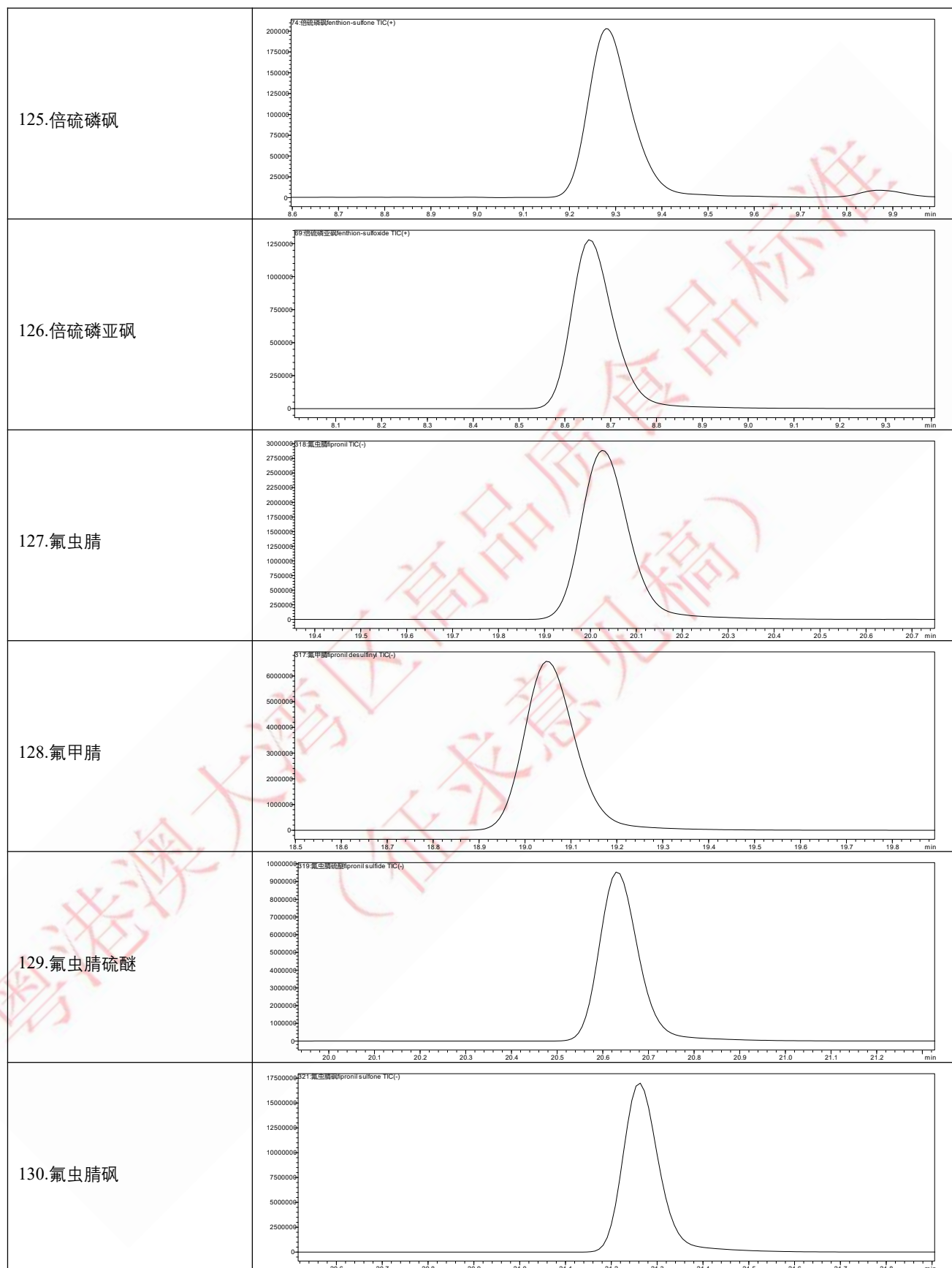


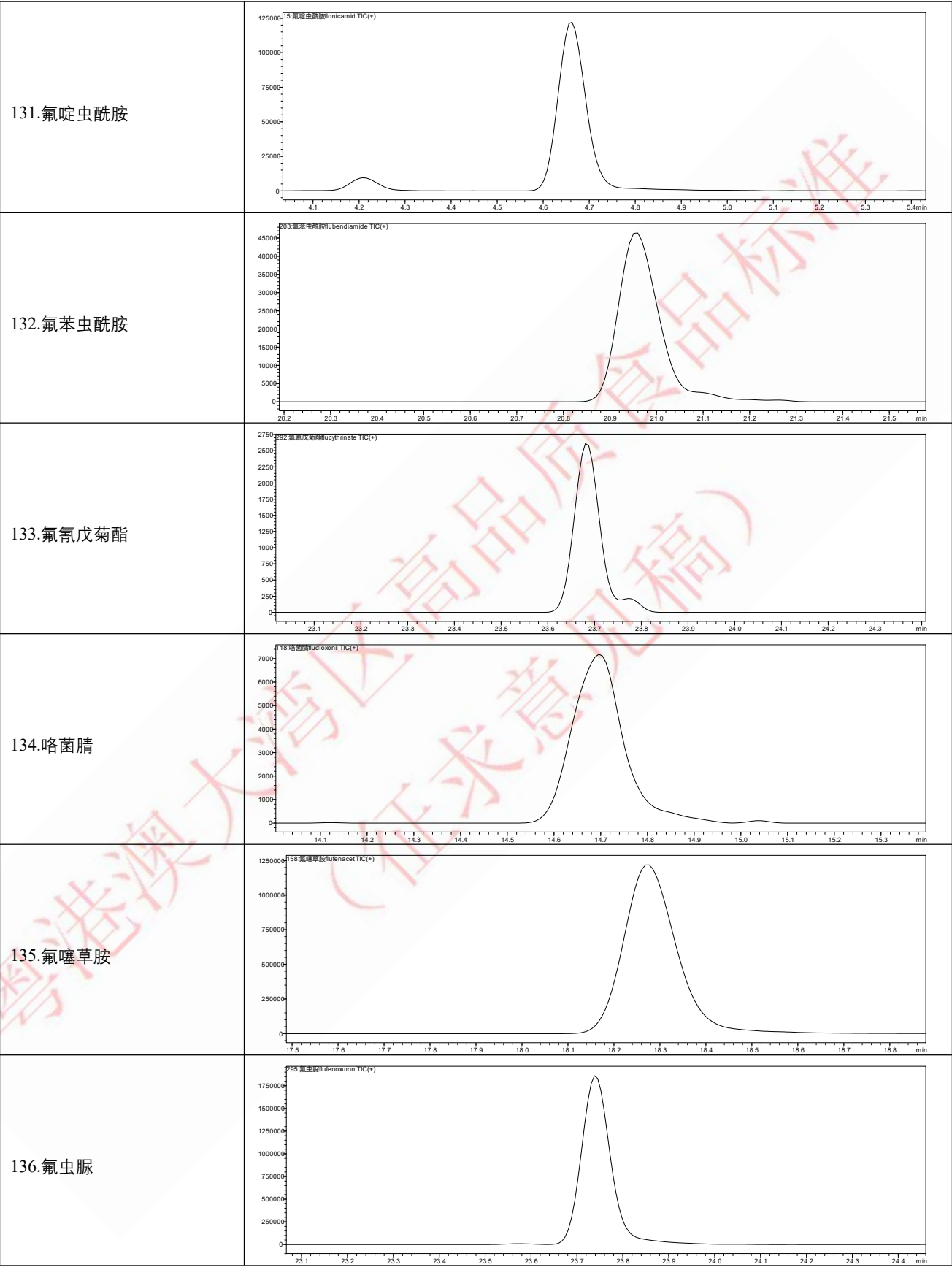


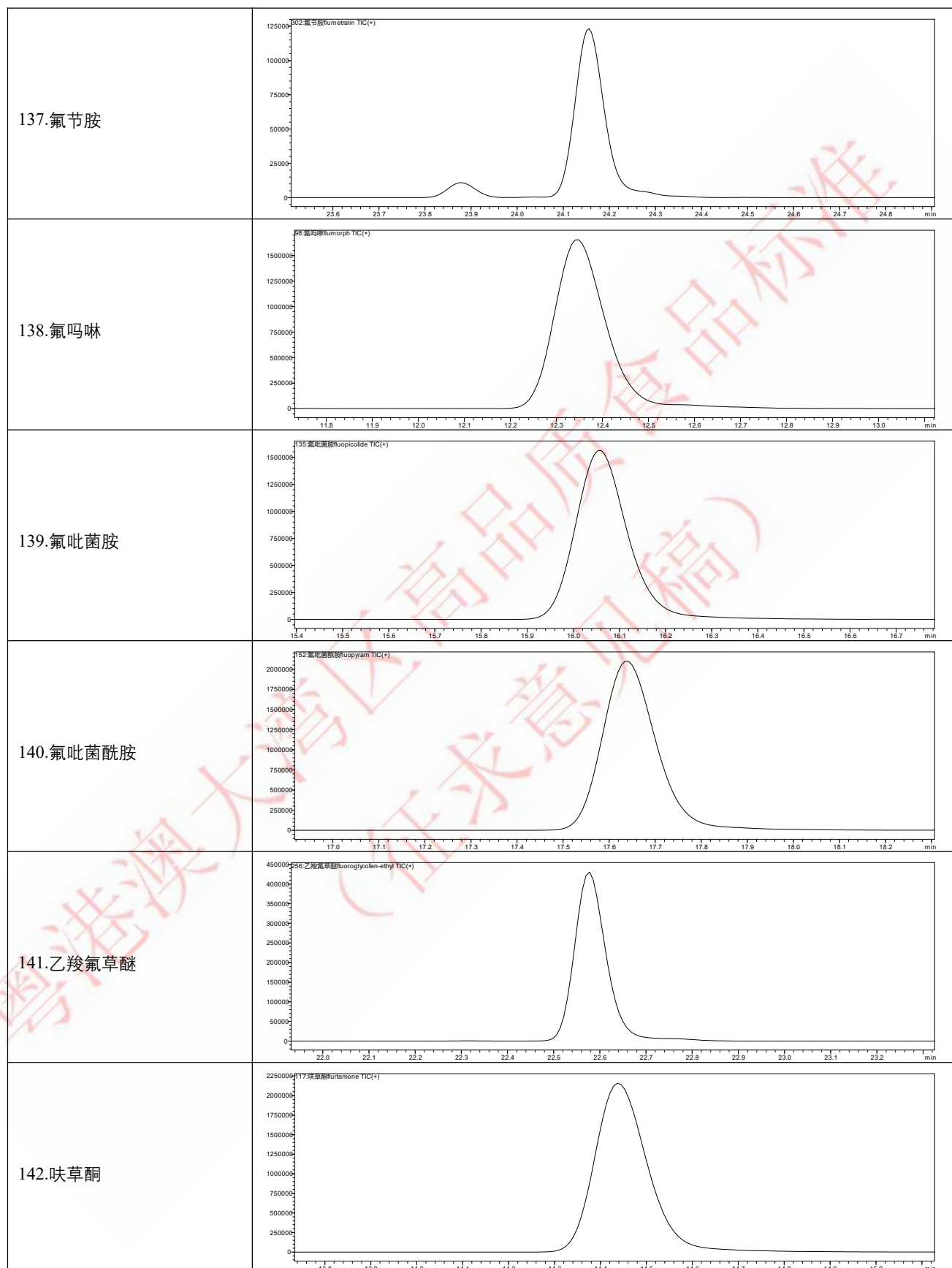


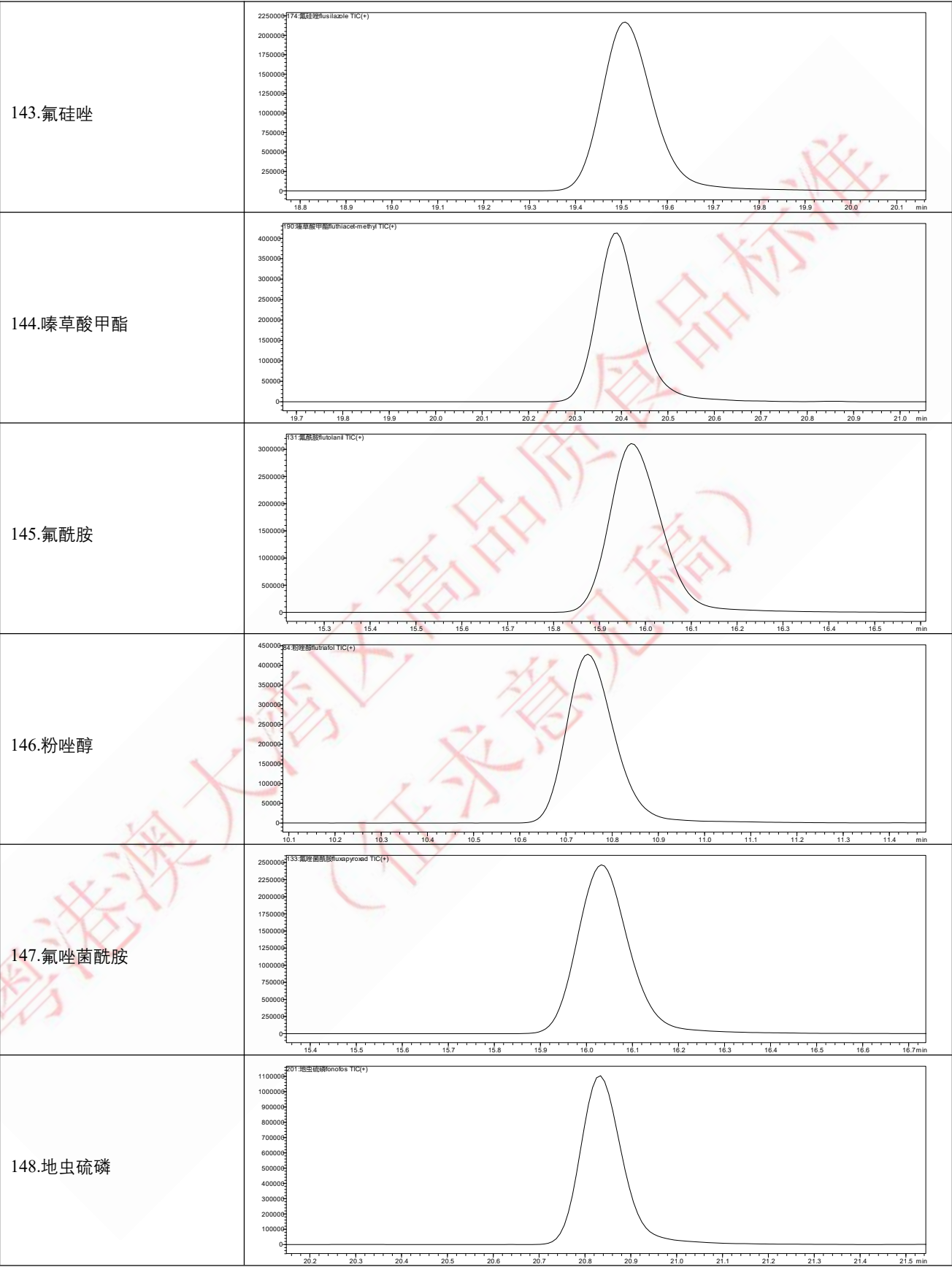
113.噁唑禾草灵	
114.苯氧威	
115.甲氰菊酯	
116.苯锈啶	
117.丁苯吗啉	
118.胺苯吡菌酮	



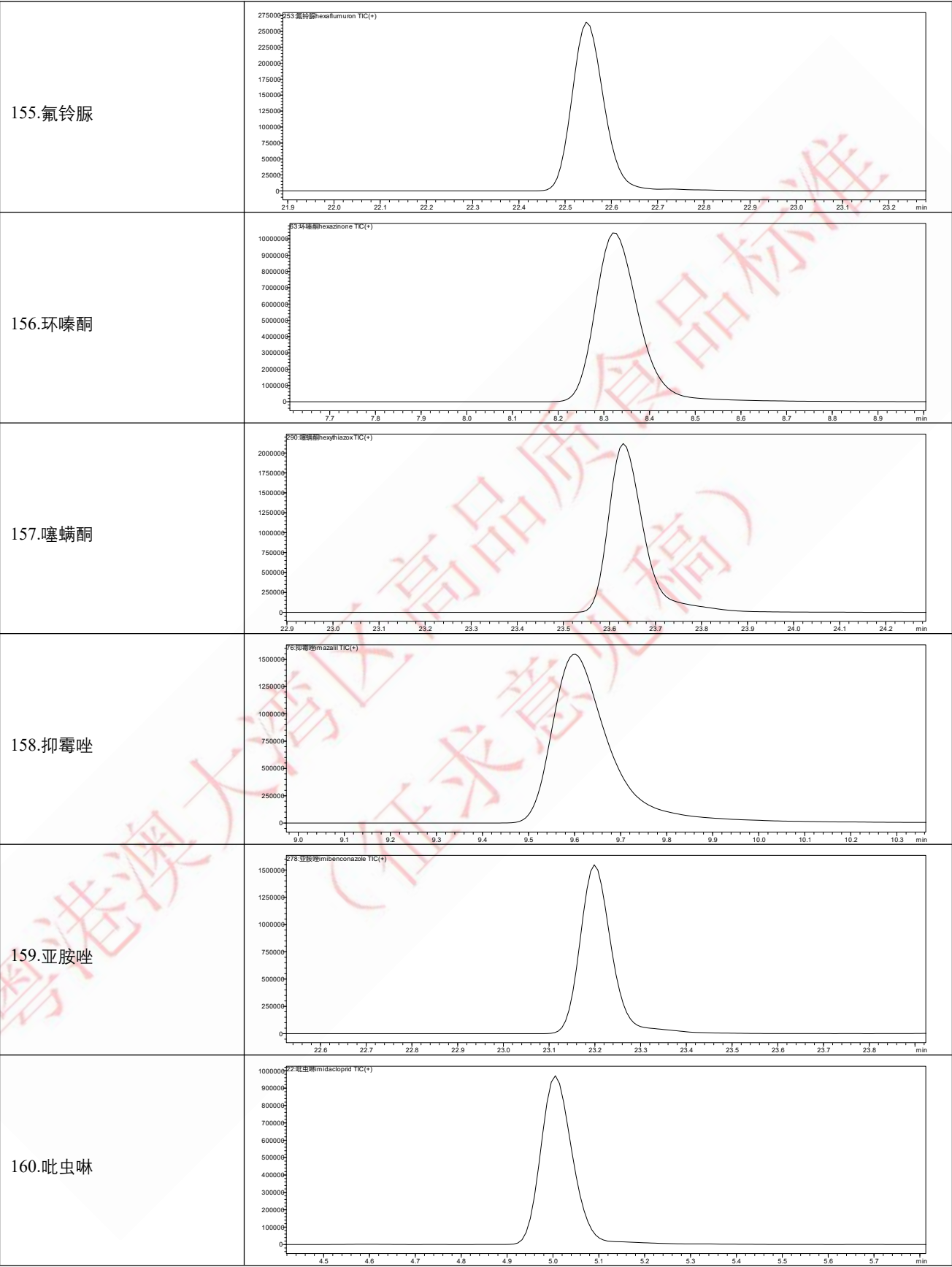


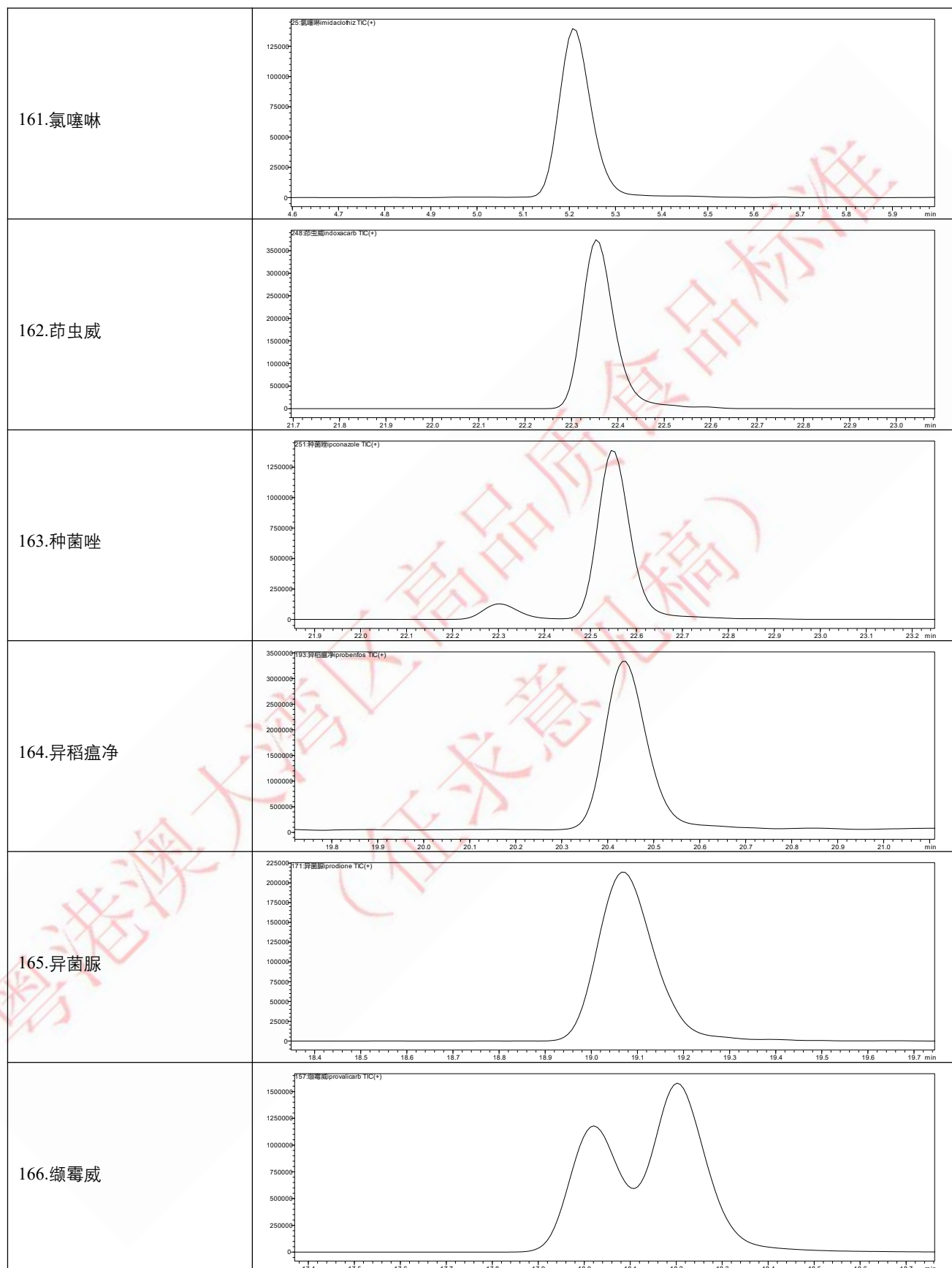




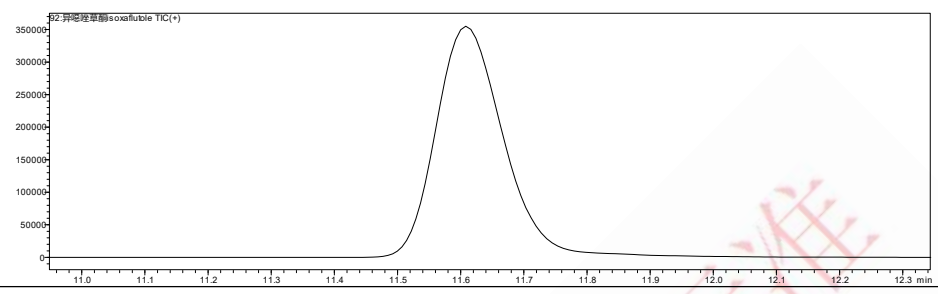
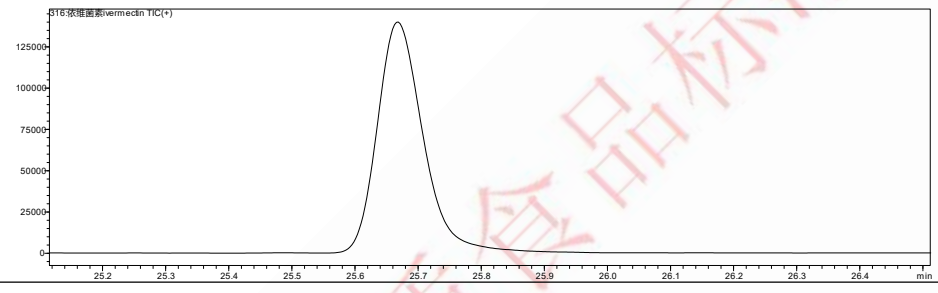
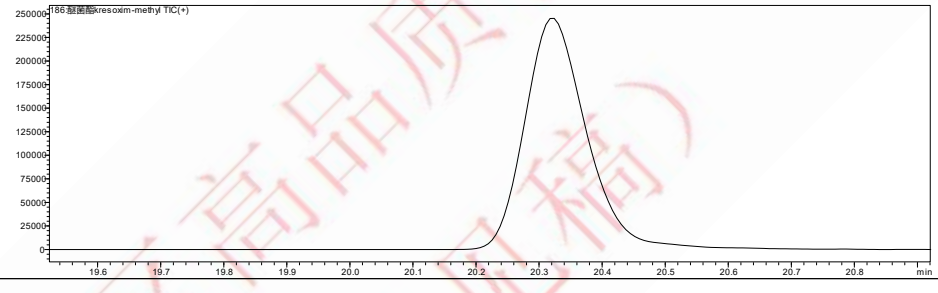
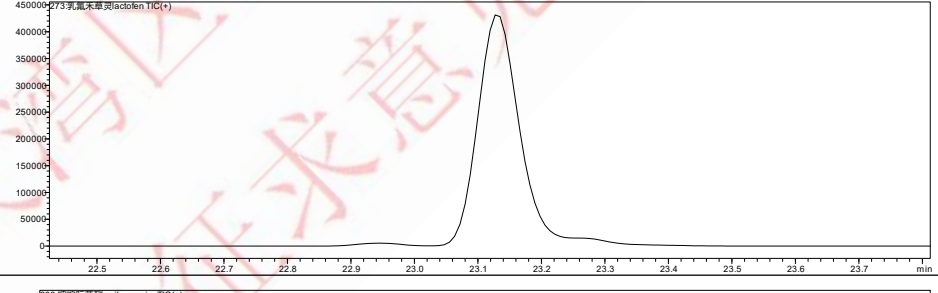
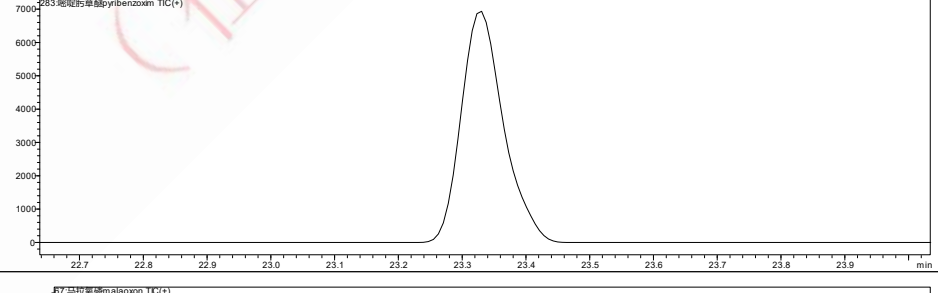
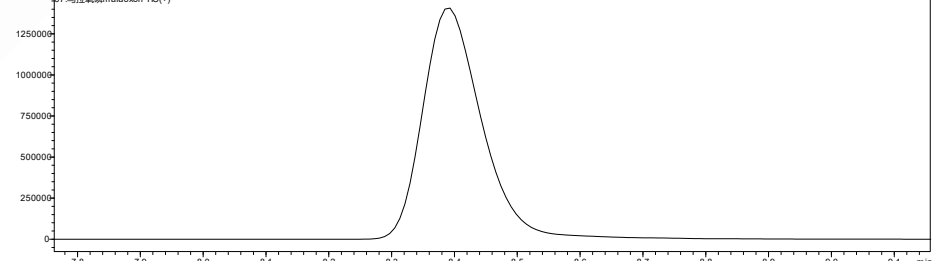


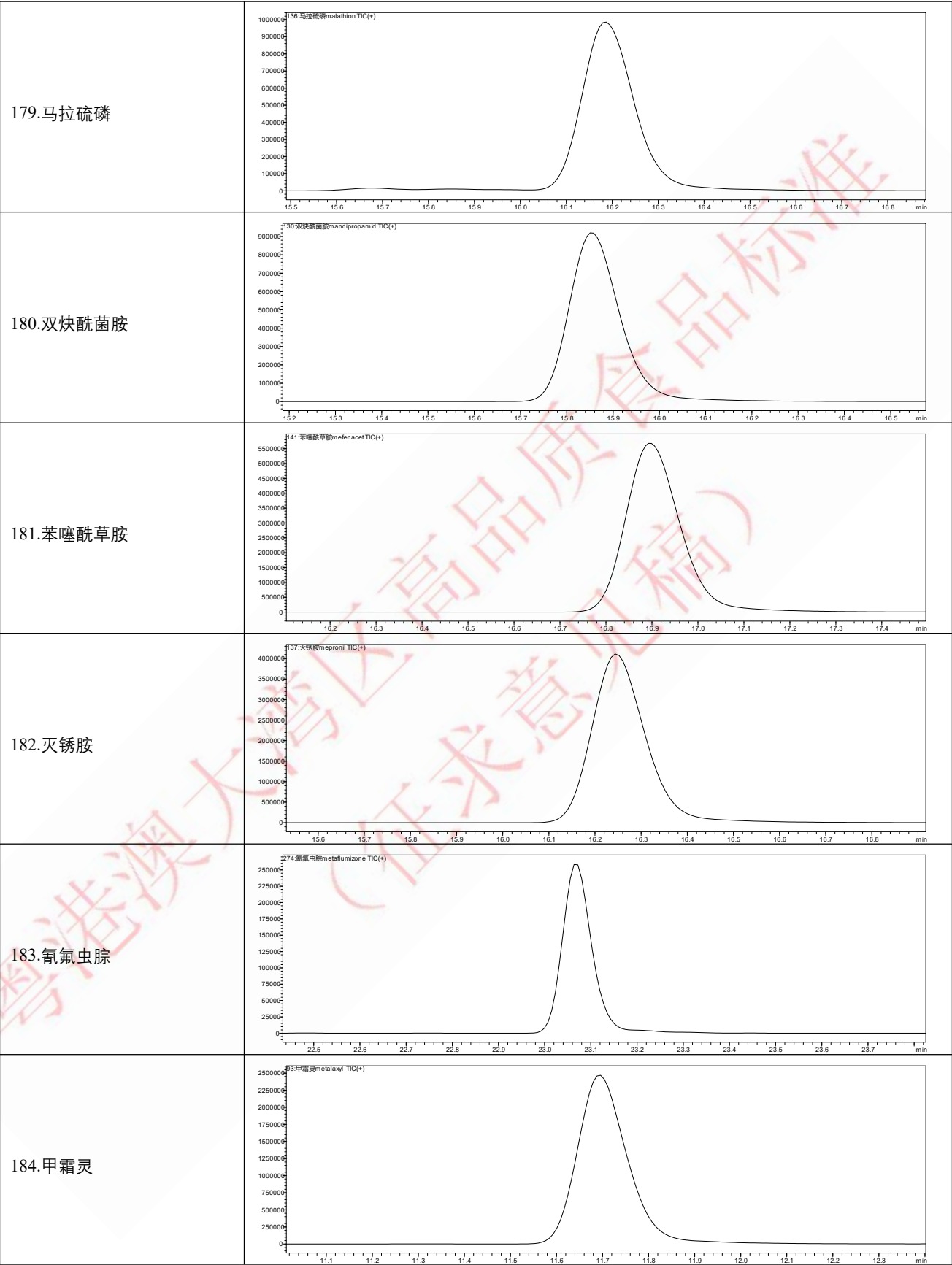
149. 氯吡脲	
150. 安硫磷	
151. 噻唑磷	
152. 呋线威	
153. 庚烯磷	
154. 己唑醇	



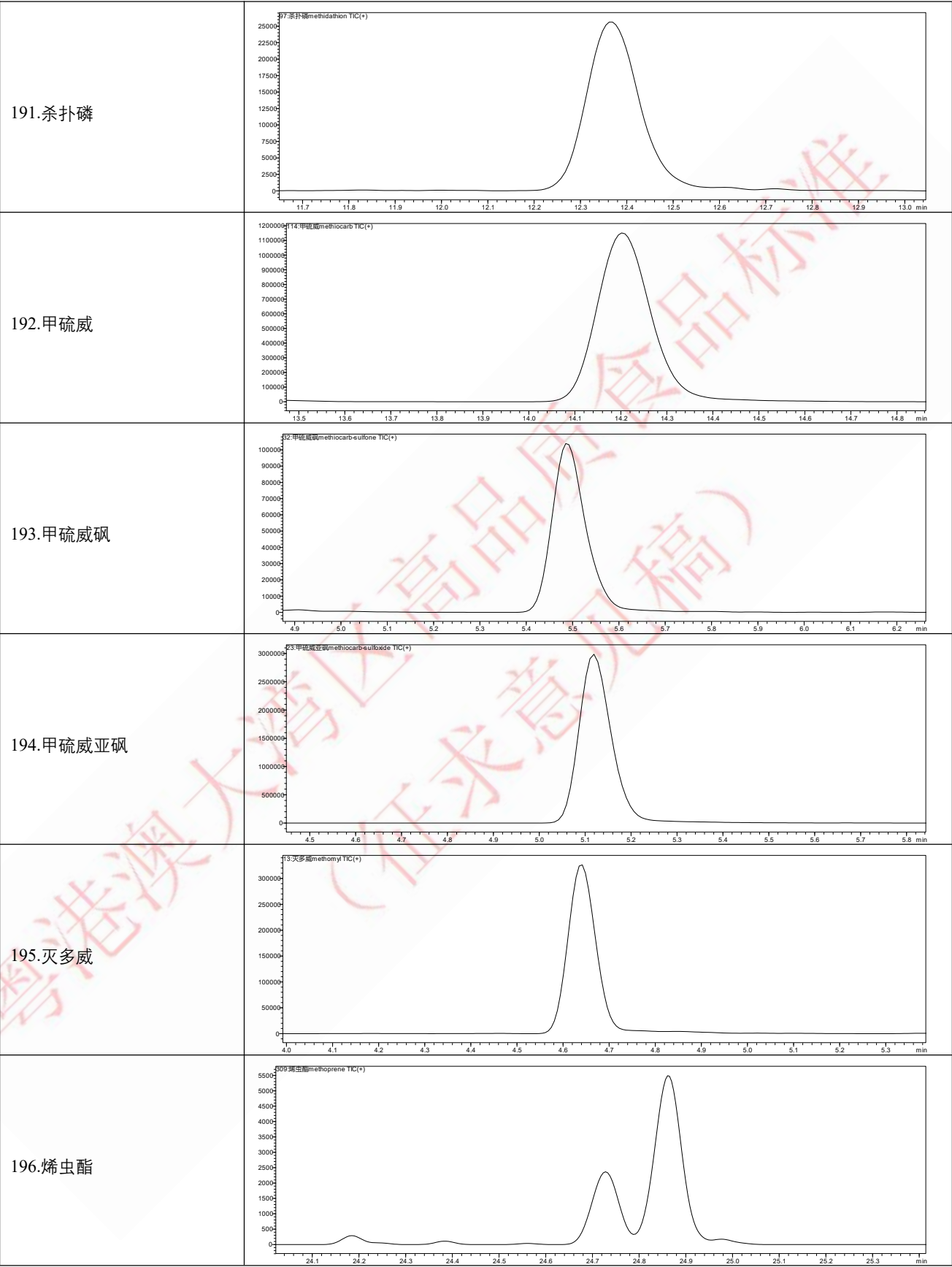


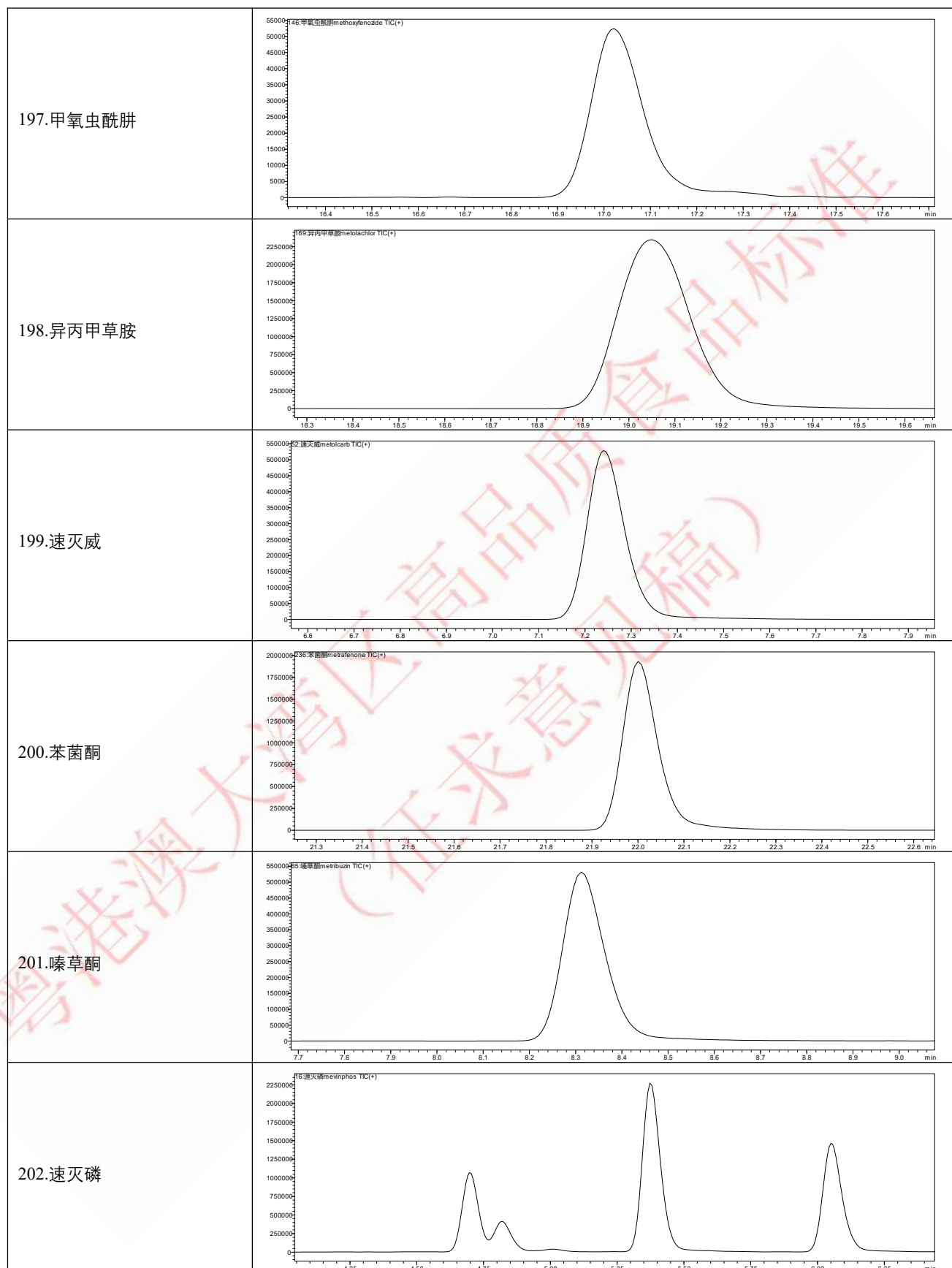
167.氯唑磷	
168.水胺硫磷	
169.甲基异柳磷	
170.异丙威	
171.稻瘟灵	
172.吡唑萘菌胺	

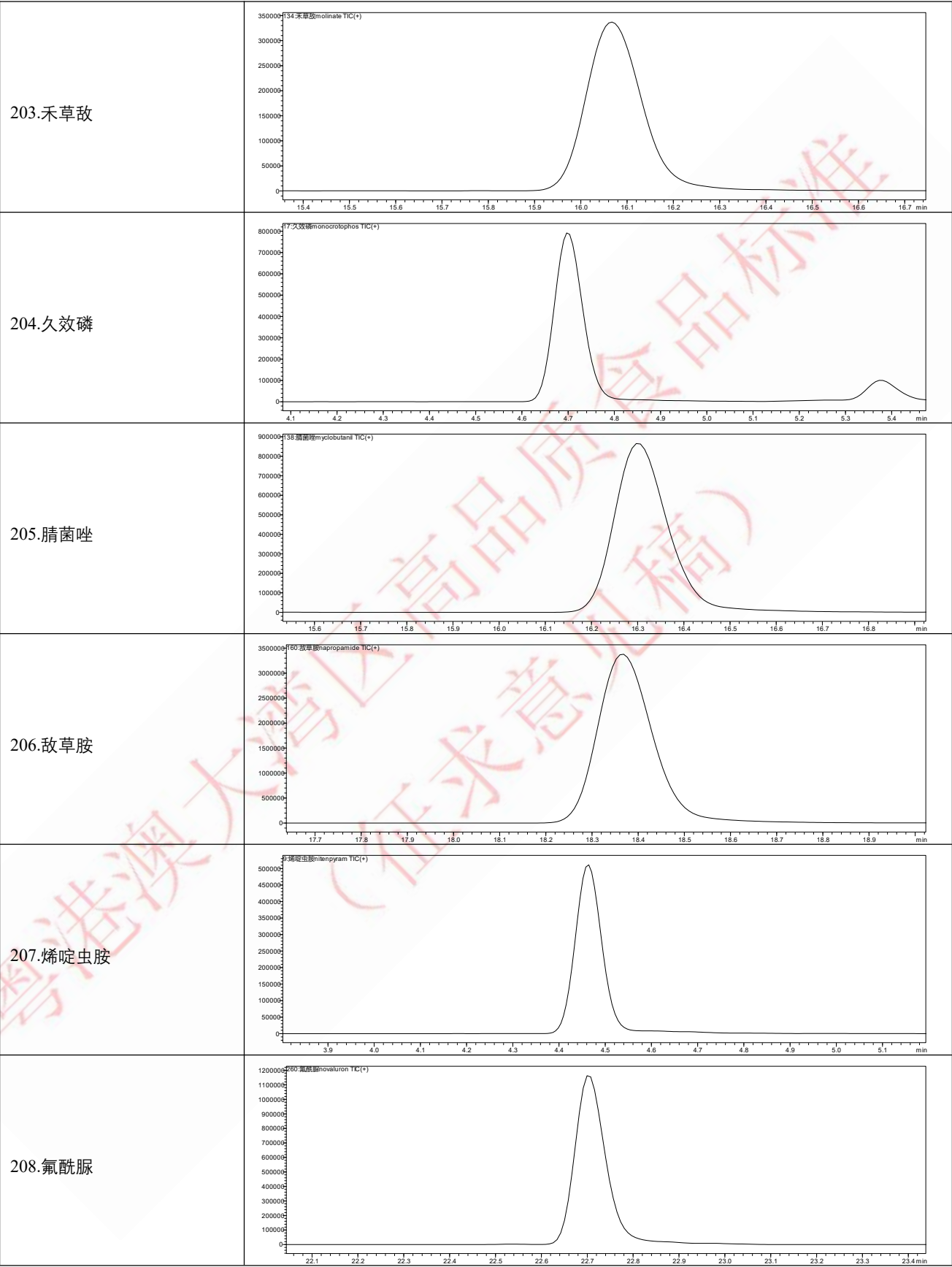
173.异噁唑草酮	
174.依维菌素	
175.醚菌酯	
176.乳氟禾草灵	
177.虱螨脲	
178.马拉氧磷	



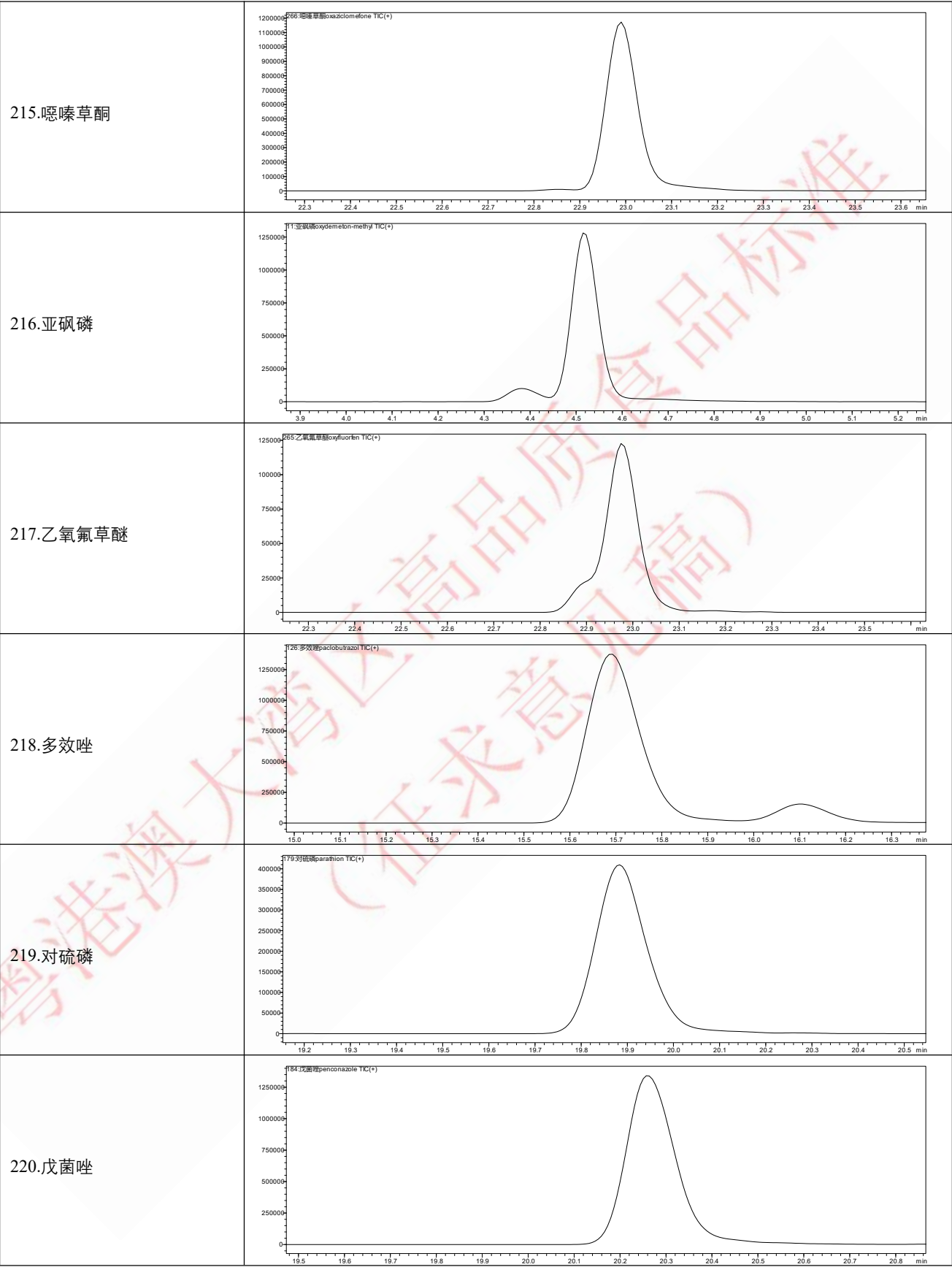
185.噁唑酰草胺	
186.苯噻草酮	
187.吡唑草胺	
188.叶菌唑	
189.虫螨畏	
190.甲胺磷	

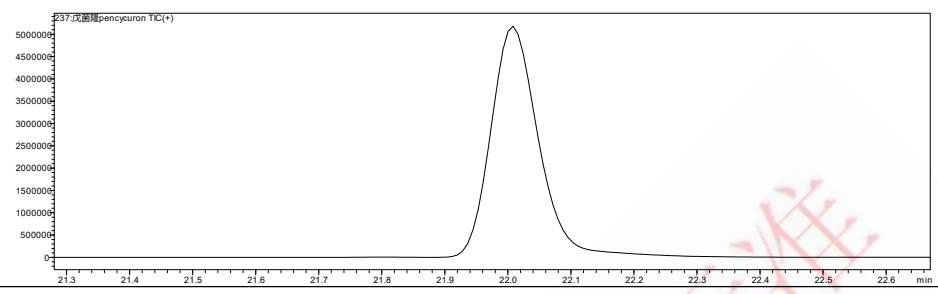
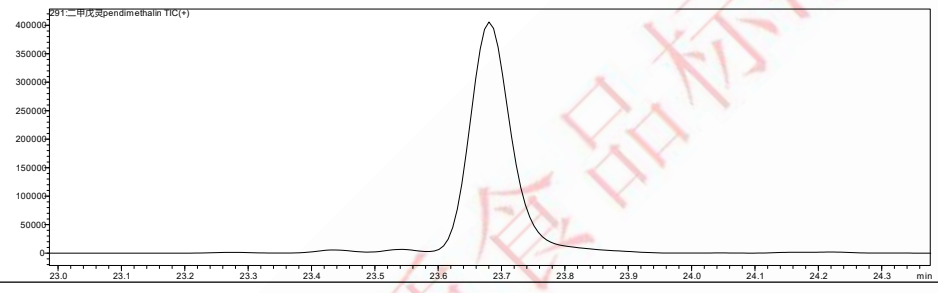
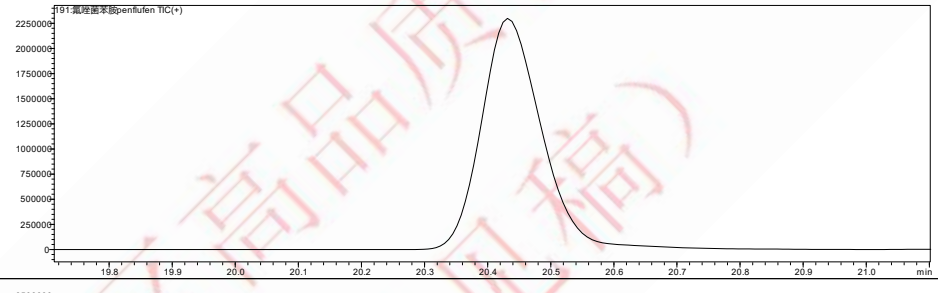
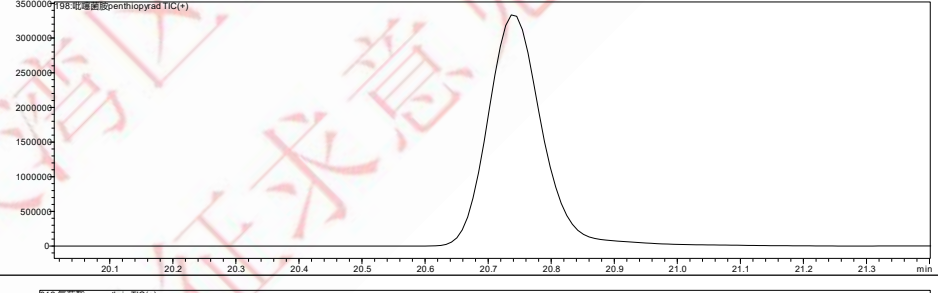
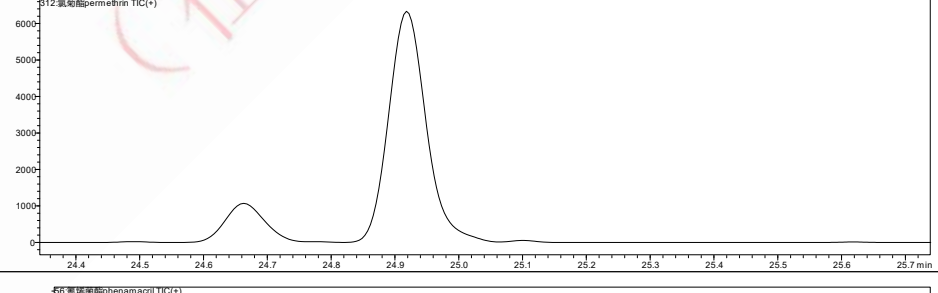
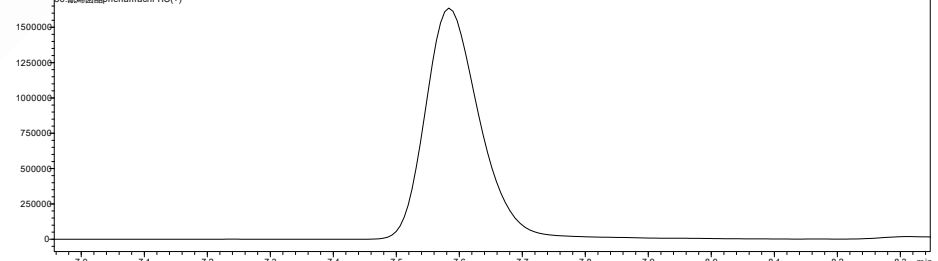


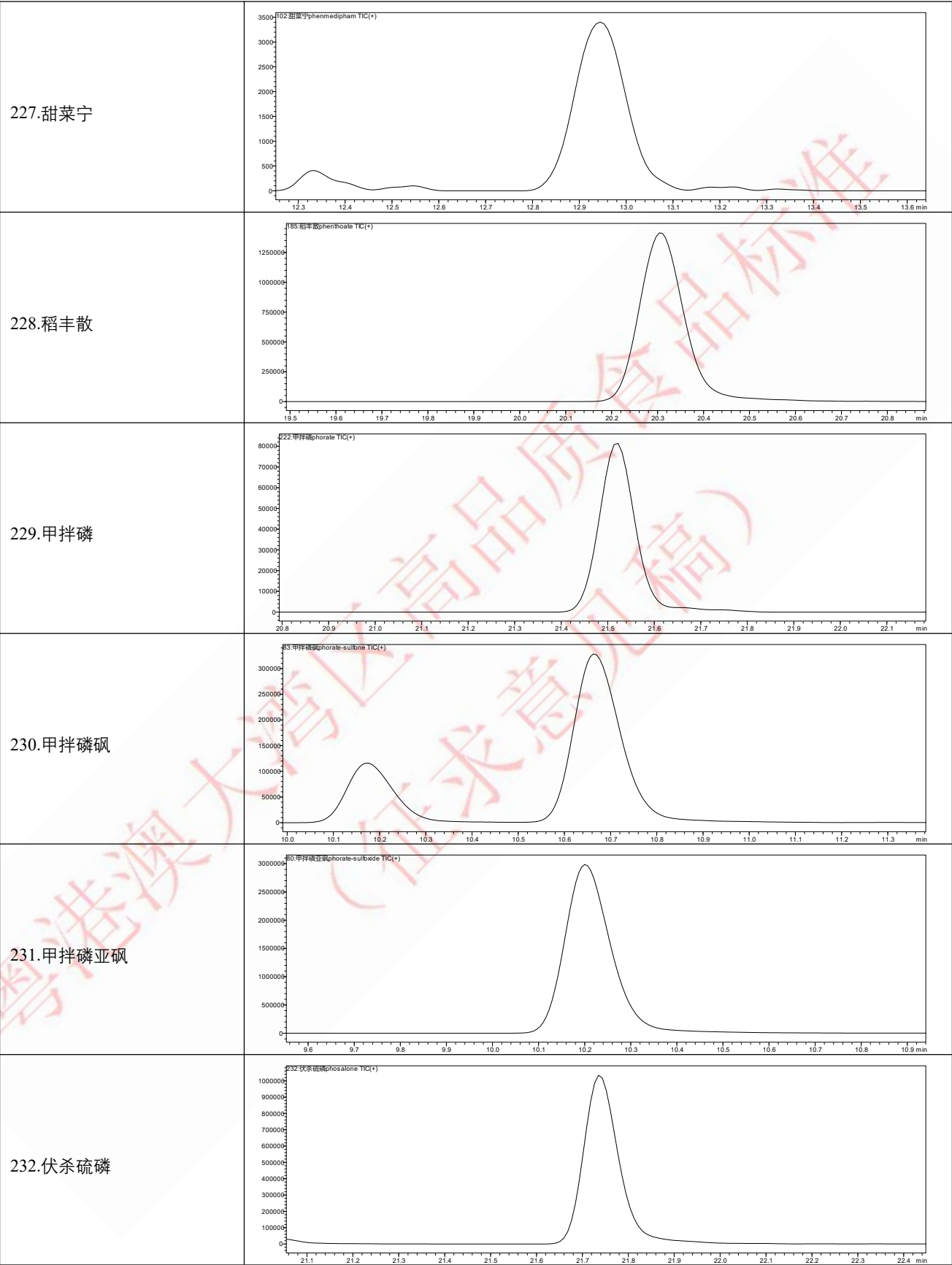




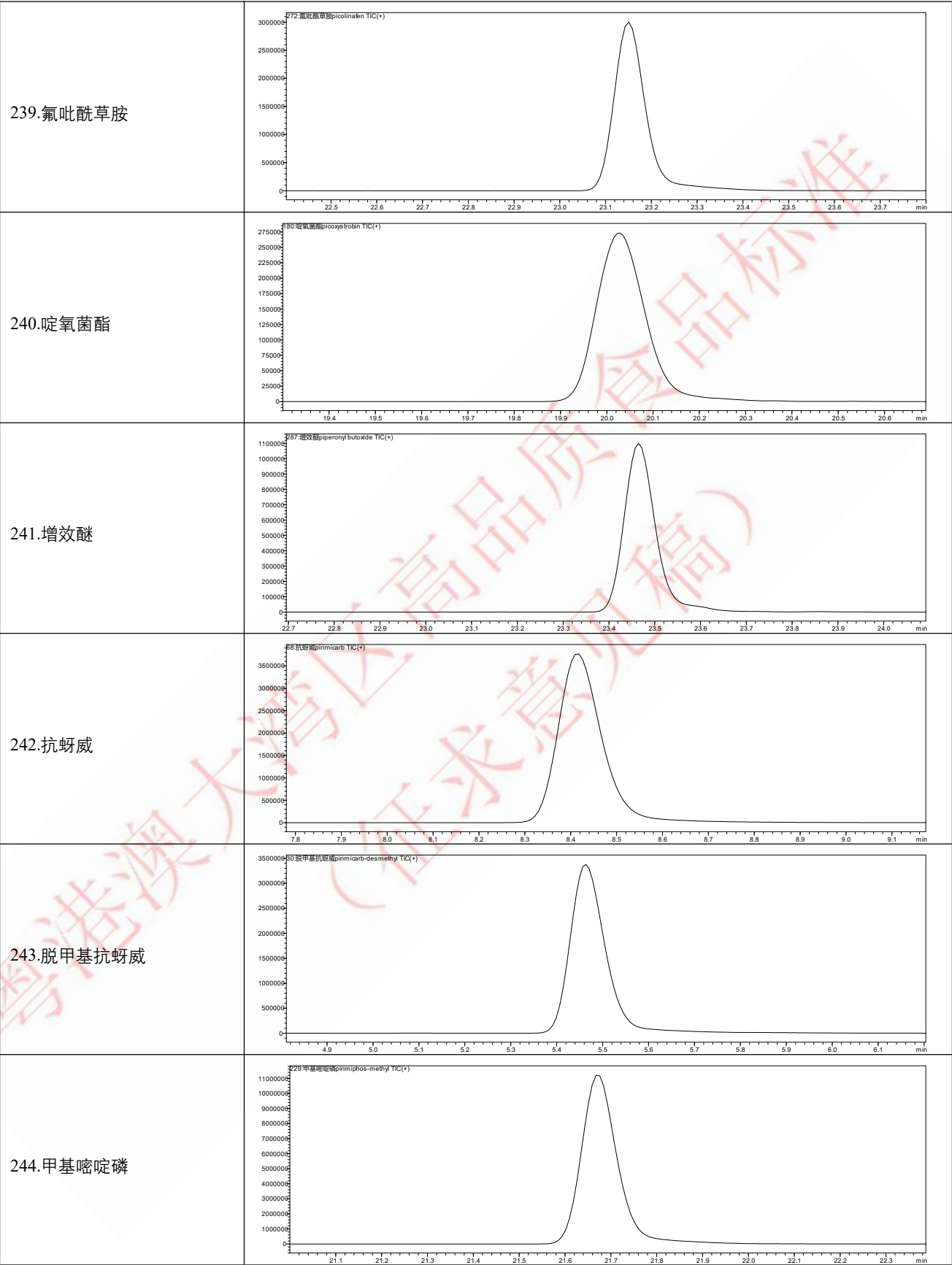
209.氧乐果	
210.丙炔噁草酮	
211.噁草酮	
212.噁霜灵	
213.杀线威	
214.杀线威肟	

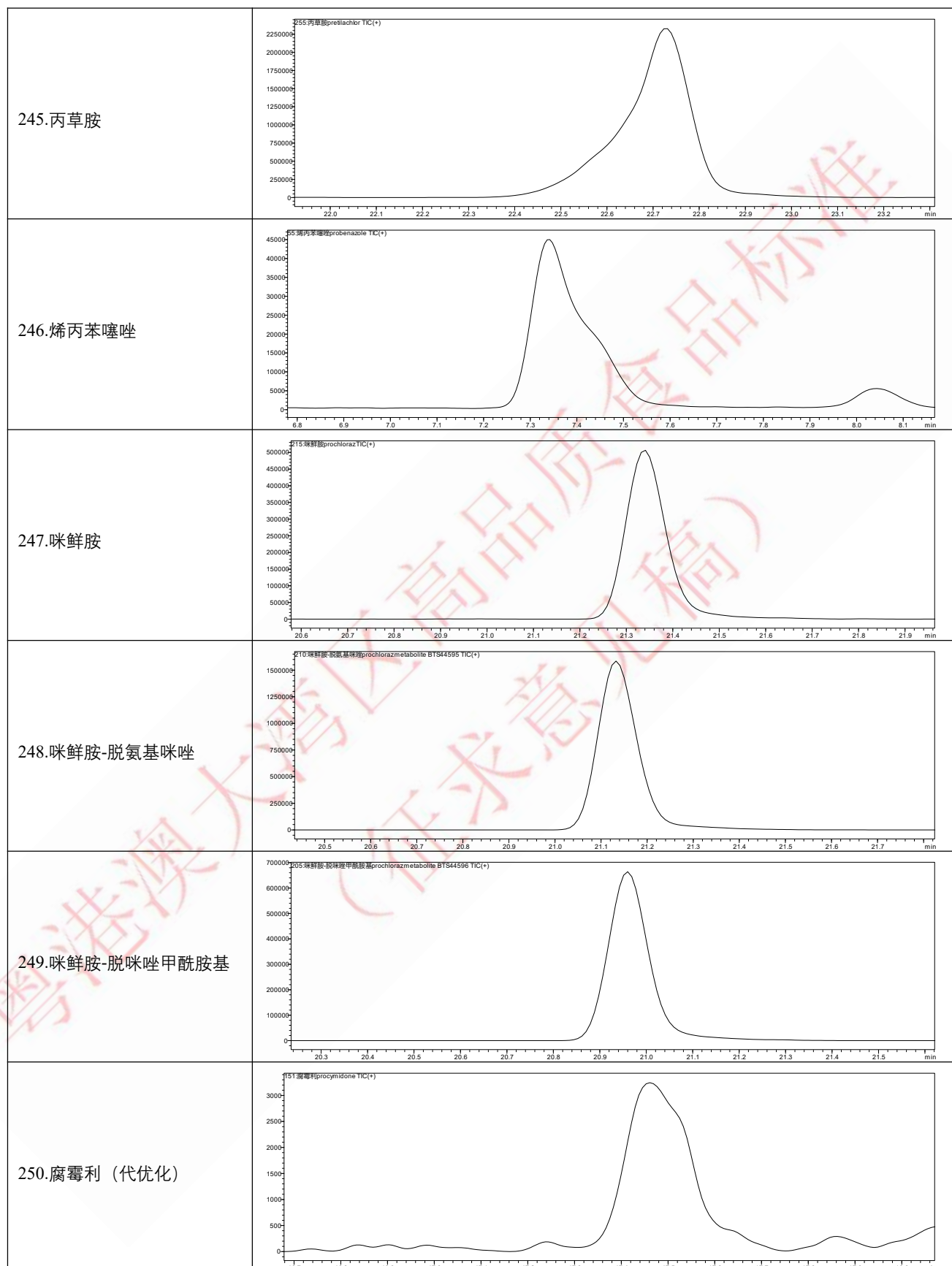


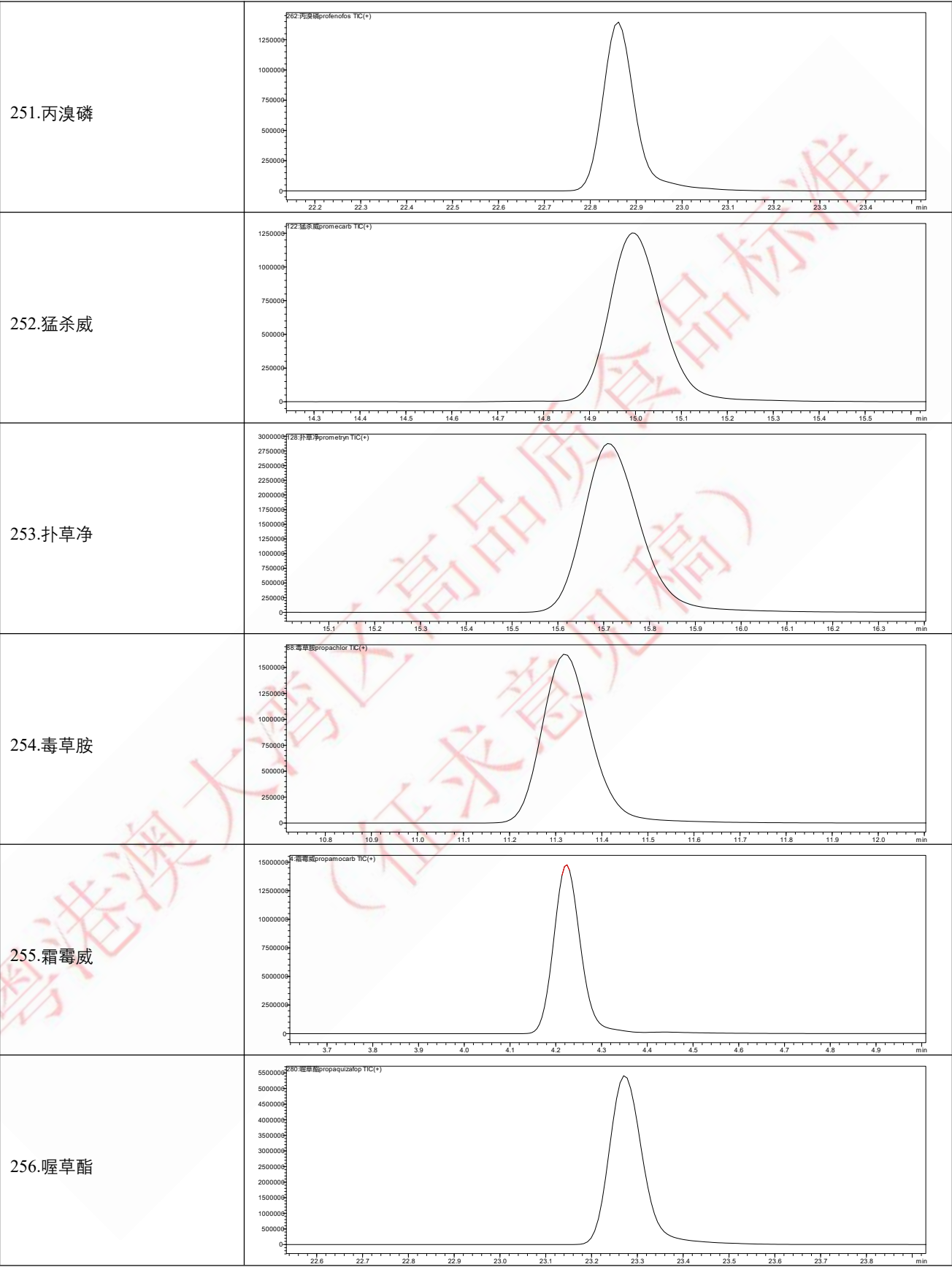
221.戊菌隆	
222.二甲戊灵	
223.氟唑菌苯胺	
224.吡噻菌胺	
225.氯菊酯	
226.氰烯菌酯	



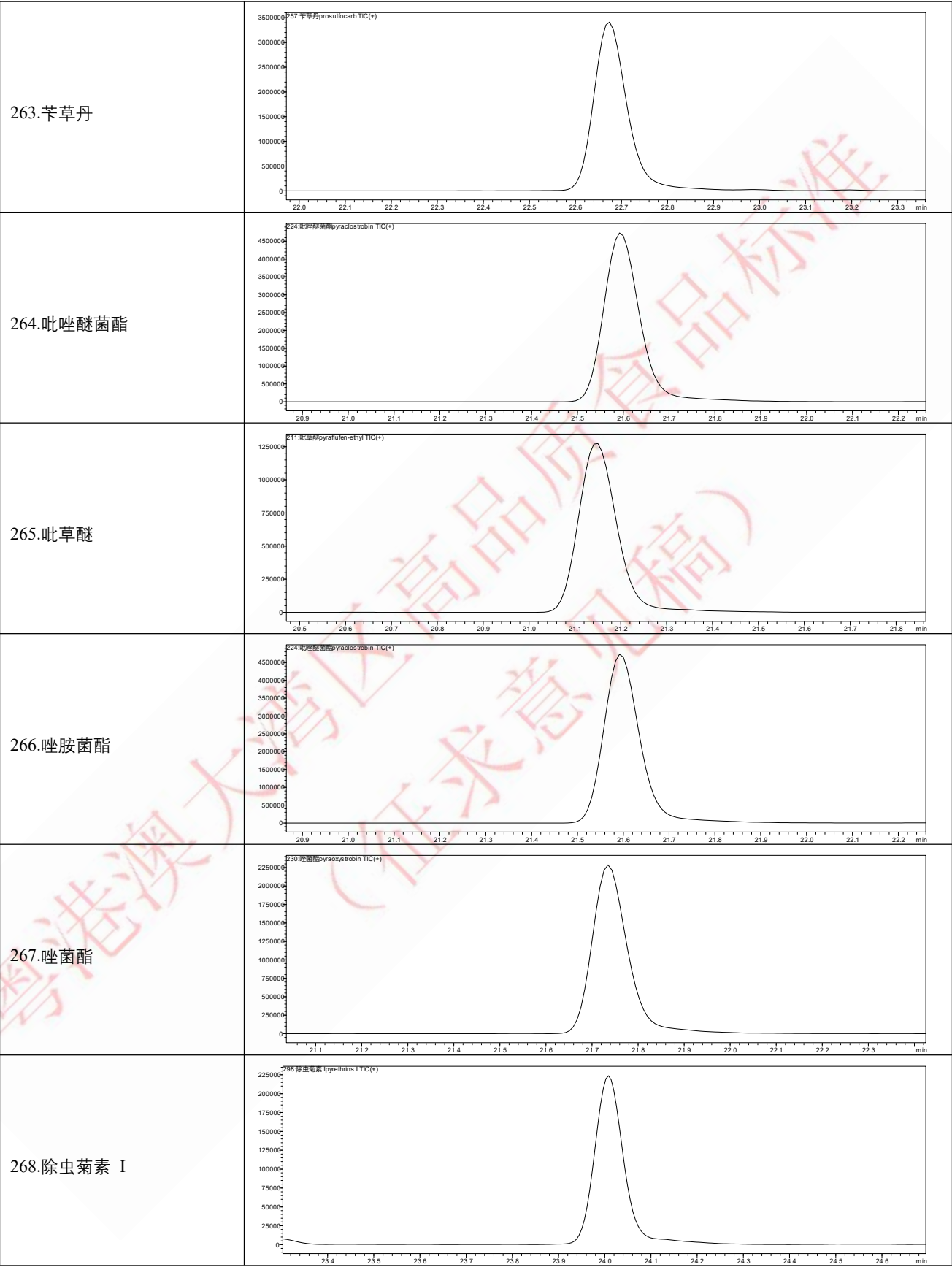
233.硫环磷	
234.甲基硫环磷	
235.亚胺硫磷	
236.氧亚胺硫磷	
237.磷胺	
238.辛硫磷	



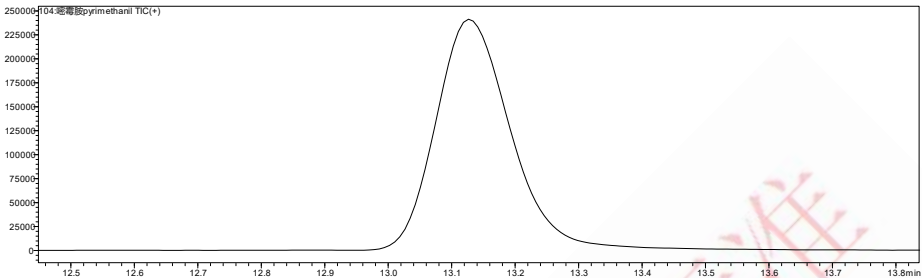
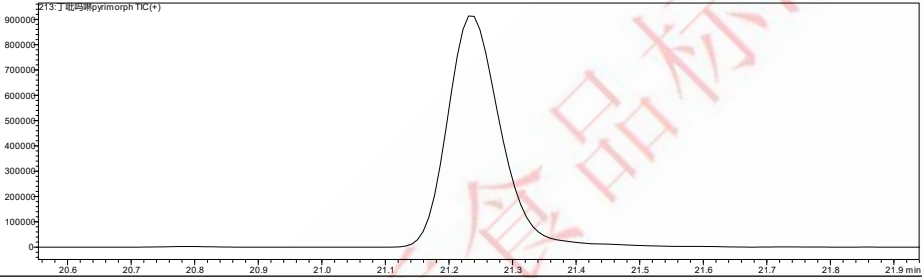
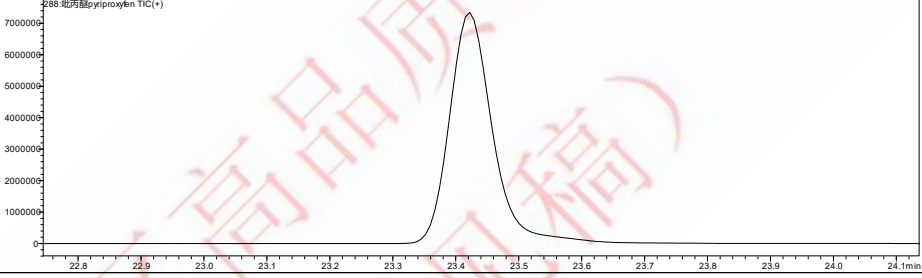
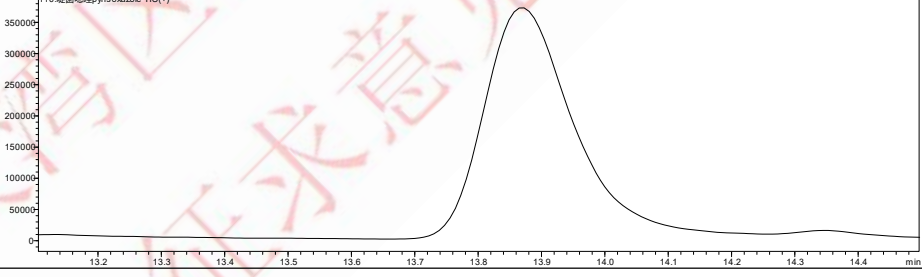
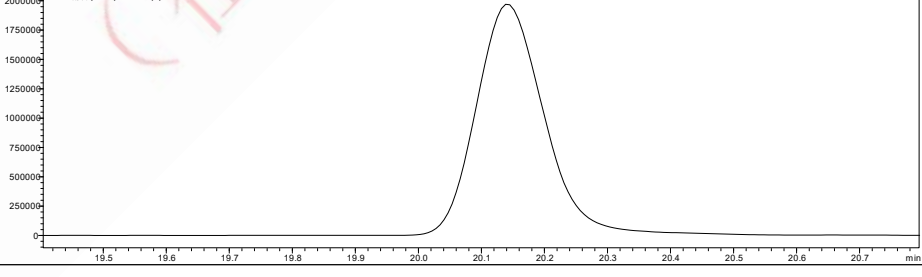
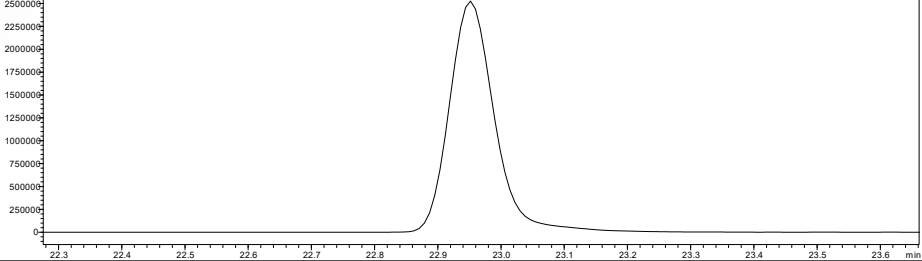


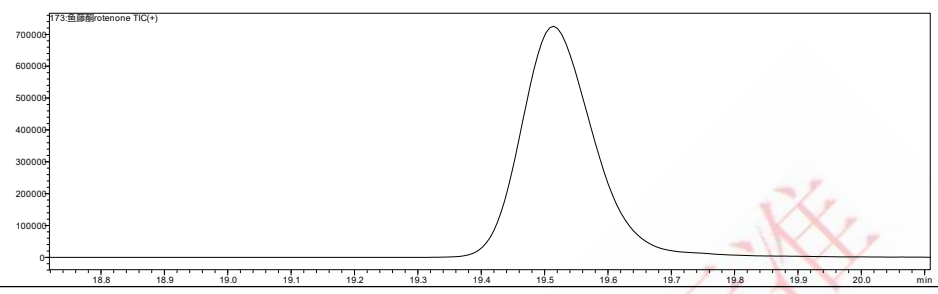
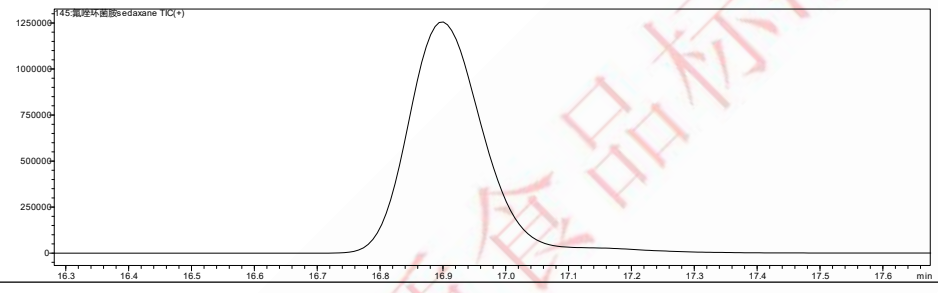
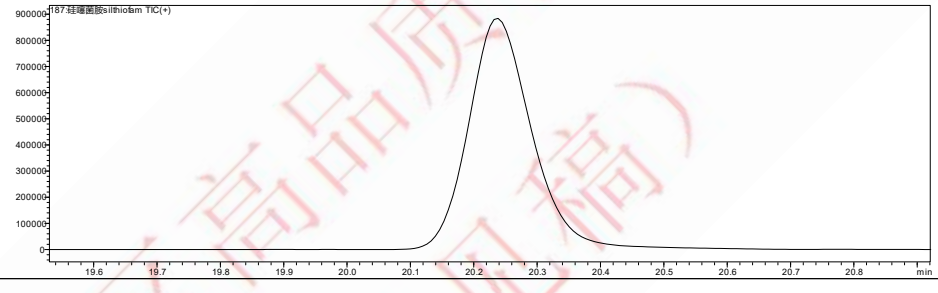
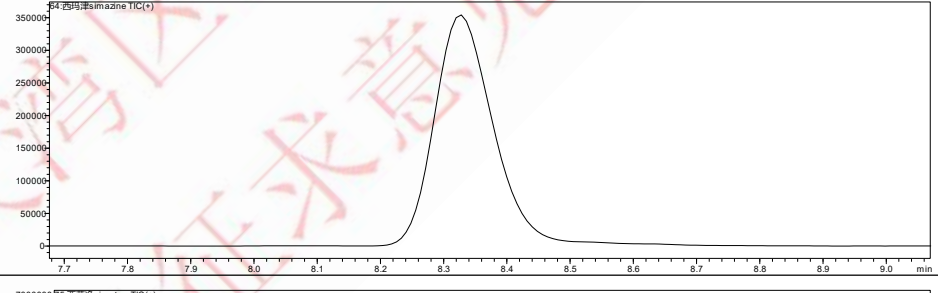
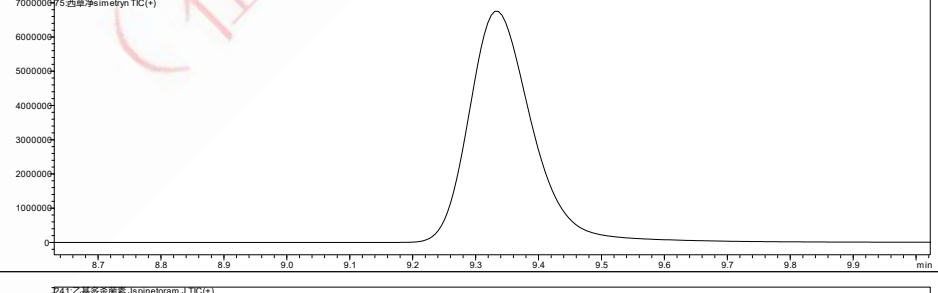
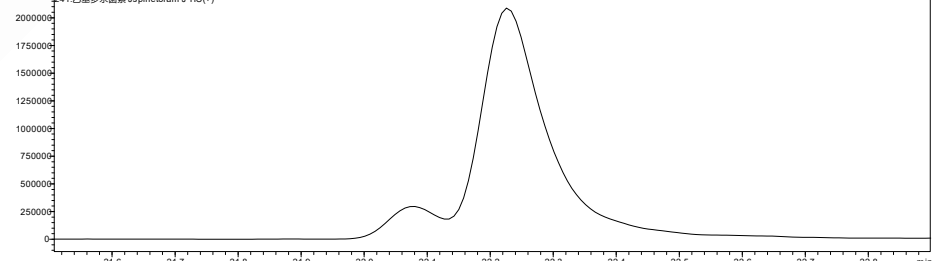


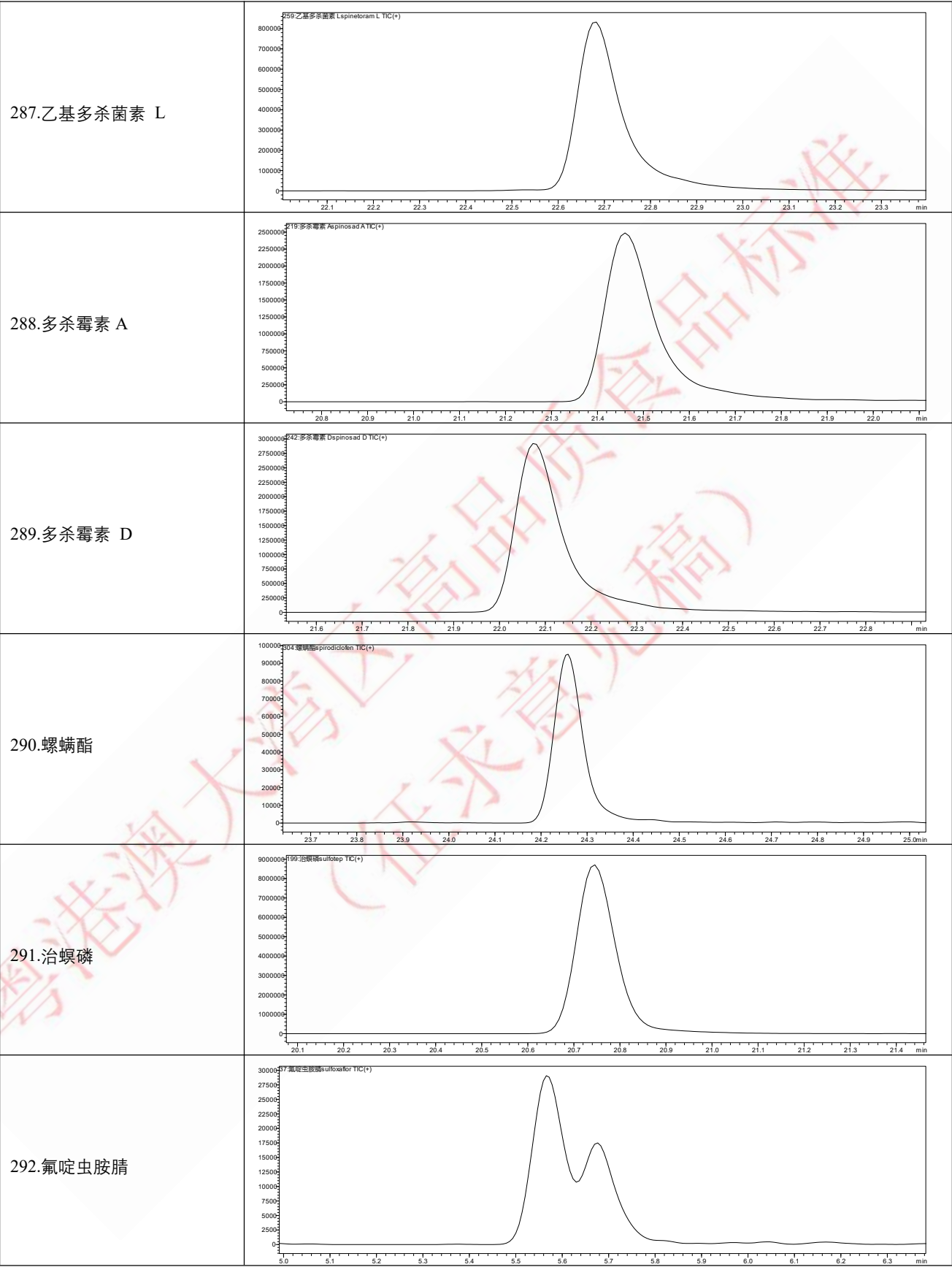
257.炔螨特	
258.丙环唑	
259.异丙草胺	
260.残杀威	
261.炔苯酰草胺	
262.丙氧喹啉	

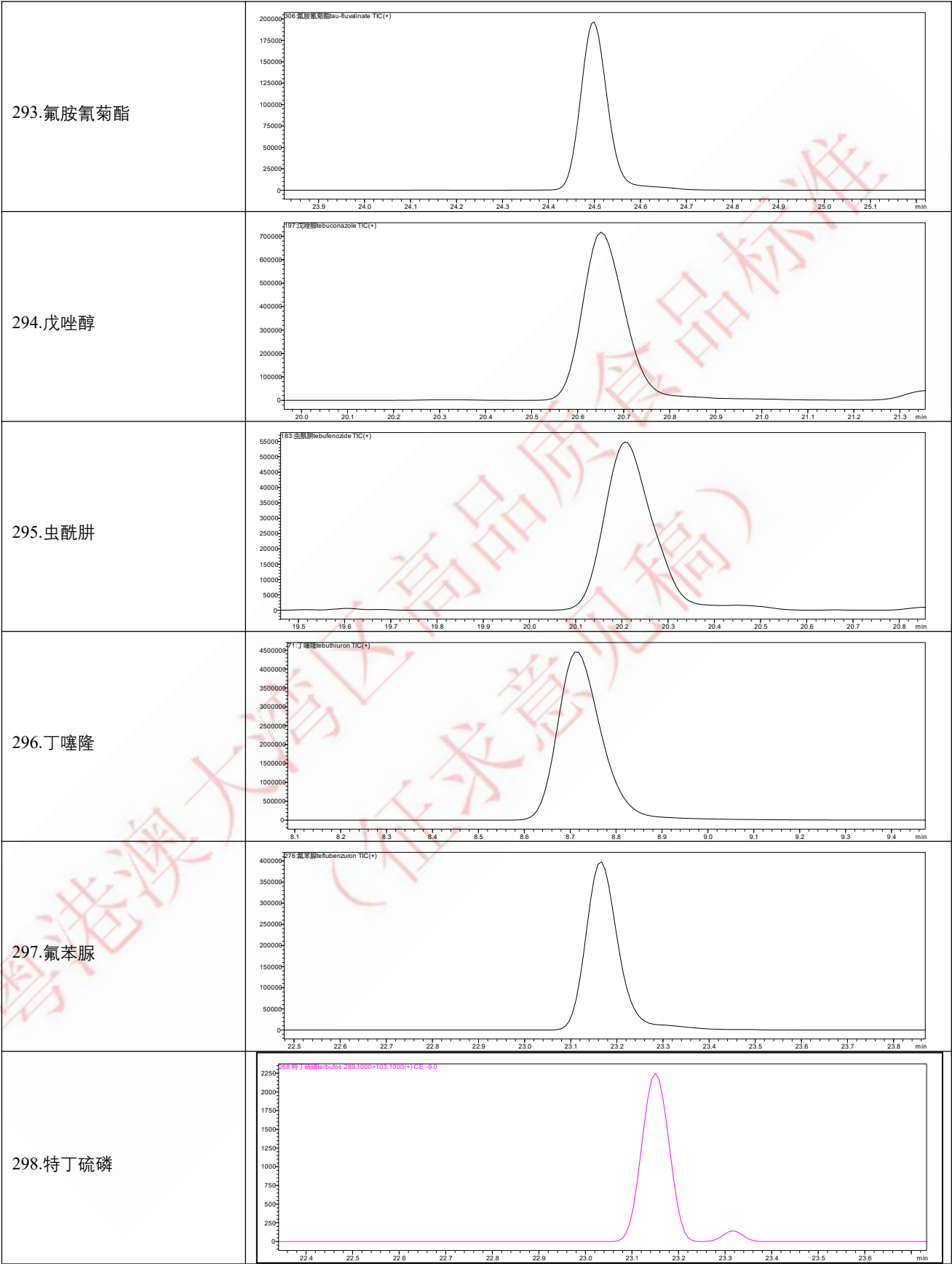


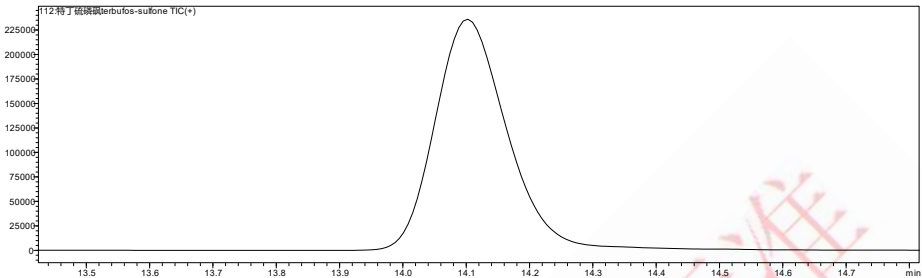
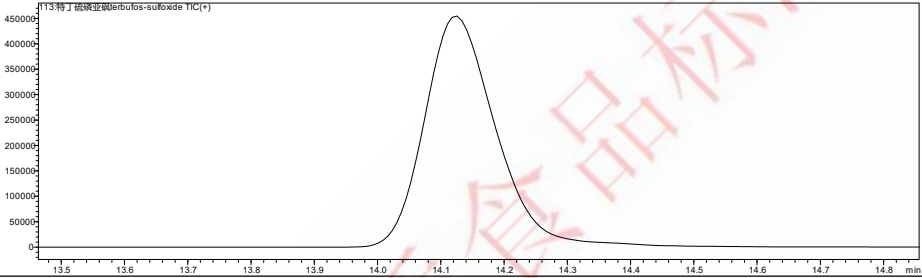
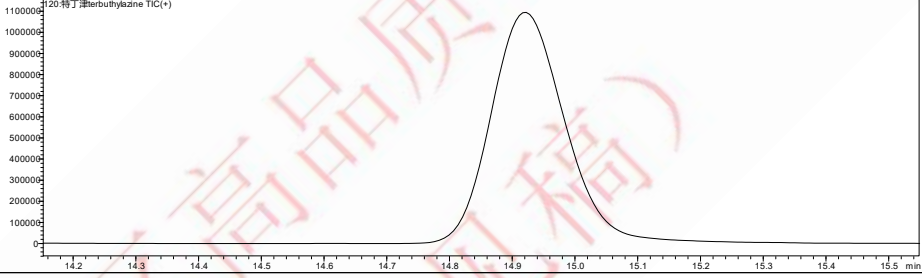
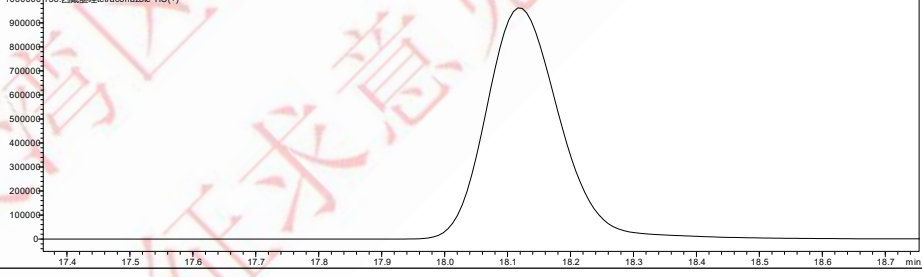
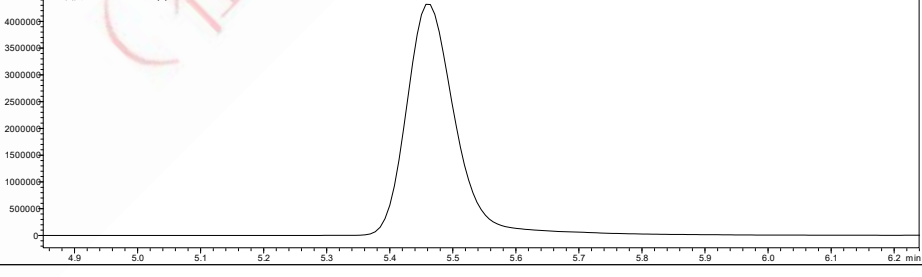
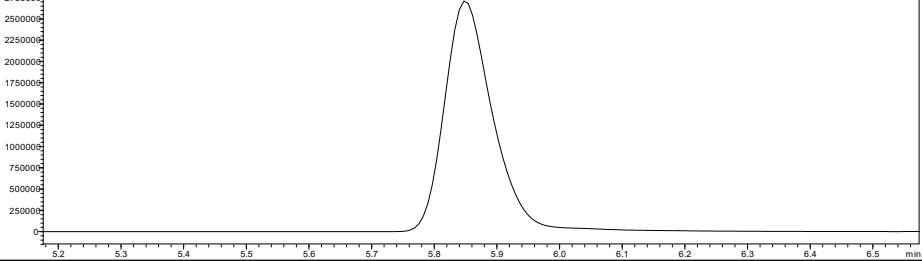
269.除虫菊素 II	
270.嘧啶肟草醚	
271.吡蚜灵	
272.三氟甲吡醚	
273.吡啶硫磷	
274.环酯草醚	

275.嘧霉胺	
276.丁吡吗啉	
277.吡丙醚	
278.啉菌噁唑	
279.喹硫磷	
280.喹禾灵	

281.鱼藤酮	
282.氟唑环菌胺	
283.硅噻菌胺	
284.西玛津	
285.西草净	
286.乙基多杀菌素 J	





299.特丁硫磷砷	
300.特丁硫磷亚砷	
301.特丁津	
302.四氟醚唑	
303.噻菌灵	
304.噻虫啉	

305.噻虫嗪	
306.噻氟菌胺	
307.甲基硫菌灵	
308.甲基立枯磷	
309.唑虫酰胺	
310.三唑酮	

311.三唑醇	
312.野麦畏	
313.三唑磷	
314.三环唑	
315.茚菌酯	
316.氟菌唑	

317. 氟菌唑代谢物 FM-6-1	
318. 杀铃脲	
319. 灭菌唑	
320. 烯效唑	
321. 蚜灭磷	
322. 苯酰菌胺	

粤港澳大湾区高品质食品标准
(征求意见稿)

附录 C

(资料性)

306 种化合物的相关化学信息及其分组

306种化合物相关化学信息及分组情况如表C.1所示。

表 C.1 306 种化合物的相关化学信息及分组情况

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 (1×10^{-6} , ppm)	典型二级碎片 离子 (m/z)	备注
1	1,3-Diphenyl Urea	双苯基脲	13.89	C ₁₃ H ₁₂ N ₂ O	102-07-8	[M+H] ⁺	213.1022	213.1016	-2.82	94.0648	A 组
2	1-naphthyl acetamide	萘乙酰胺	10.28	C ₁₂ H ₁₁ NO	86-86-2	[M+H] ⁺	186.0913	186.0911	-1.2	141.0695	A 组
3	2,6-Dichlorobenzamide	2,6-二氯苯甲酰胺	6.04	C ₇ H ₅ Cl ₂ NO	2008-58-4	[M+H] ⁺	189.9821	189.9819	-0.9	172.9561	A 组
4	3,4,5-Trimethacarb	3,4,5-混杀威	14.87	C ₁₁ H ₁₅ NO ₂	2686-99-9	[M+H] ⁺	194.1176	194.1174	-0.8	137.0964	A 组
5	6-Benzylaminopurine	6-苄氨基嘌呤	9.40	C ₁₂ H ₁₁ N ₅	1214-39-7	[M+H] ⁺	226.1087	226.1086	-0.5	91.0540	A 组
6	Acetamiprid	啉虫脒	7.33	C ₁₀ H ₁₁ ClN ₄	135410-20-7	[M+H] ⁺	223.0745	223.0737	-0.35	126.0087	A 组
7	Albendazole	丙硫多菌灵	15.74	C ₁₂ H ₁₅ N ₃ O ₂ S	54965-21-8	[M+H] ⁺	266.0958	266.095	-2.9	234.0691	A 组
8	Aldimorph	4-十二烷基-2,6-二甲基 吗啉	20.03	C ₁₈ H ₃₇ NO	91315-15-0	[M+H] ⁺	284.2948	284.2935	-4.7	130.1238	A 组
9	Ametoctradin	啞啞菌胺	22.18	C ₁₅ H ₂₅ N ₅	865318-97-4	[M+H] ⁺	276.2183	276.2173	-3.5	176.0929	A 组
10	Ametryn	莠灭净	15.22	C ₉ H ₁₇ N ₅ S	834-12-8	[M+H] ⁺	228.1277	228.1206	-3.1	186.0793	A 组
11	Aminocarb	灭害威	4.65	C ₁₁ H ₁₆ N ₂ O ₂	2032-59-9	[M+H] ⁺	209.1285	209.1278	-3.3	137.0833	A 组
12	Ancymidol	环丙嘧啶醇	11.89	C ₁₅ H ₁₆ N ₂ O ₂	12771-68-5	[M+H] ⁺	257.1285	257.1284	-0.4	135.0449	A 组
13	Anilofos	莎稗磷	20.88	C ₁₃ H ₁₉ ClNO ₃ P S ₂	64249-01-0	[M+H] ⁺	368.0305	368.0297	-2.1	124.9820	A 组
14	Asulam	磺草灵	4.86	C ₈ H ₁₀ N ₂ O ₄ S	3337-71-1	[M+H] ⁺	231.0434	231.0435	0.4	92.0501	A 组
15	Atraton	莠去通	11.01	C ₉ H ₁₇ N ₅ O	1610-17-9	[M+H] ⁺	212.1506	212.1505	-0.4	170.1030	A 组
16	Atrazine	莠去津	14.27	C ₈ H ₁₄ ClN ₅	1912-24-9	[M+H] ⁺	216.1011	216.1008	-0.9	174.0540	A 组

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17	Atrazine-desethyl	去乙基阿特拉津	8.45	C ₆ H ₁₀ ClN ₅	6190-65-4	[M+H] ⁺	188.0698	188.0695	-1.2	146.0237	A 组
18	Azaconazole	氧环唑	14.95	C ₁₂ H ₁₁ Cl ₂ N ₃ O ₂	60207-31-0	[M+H] ⁺	300.0301	300.0298	-0.9	158.9763	A 组
19	Azamethiphos	甲基吡啶磷	10.93	C ₉ H ₁₀ ClN ₂ O ₅ P S	35575-96-3	[M+H] ⁺	324.9809	324.9807	-0.6	139.0056	A 组
20	Aziprotryne	叠氮津	17.72	C ₇ H ₁₁ N ₇ S	4658-28-0	[M+H] ⁺	226.0869	226.0867	-1.0	68.0248	A 组
21	Azoxystrobin	啞菌酯	16.76	C ₂₂ H ₁₇ N ₃ O ₅	131860-33-8	[M+H] ⁺	404.1241	404.1231	-2.6	344.1013	A 组
22	Beflubutamid	氟丁酰草胺	20.48	C ₁₈ H ₁₇ F ₄ NO ₂	113614-08-7	[M+H] ⁺	356.1268	356.1258	-3.0	91.0540	A 组
23	Benalaxyl	苯霜灵	21.23	C ₂₀ H ₂₃ NO ₃	71626-11-4	[M+H] ⁺	326.1751	326.1739	-3.7	148.1118	A 组
24	Bendiocarb	噁虫威	11.40	C ₁₁ H ₁₃ NO ₄	22781-23-3	[M+H] ⁺	224.0917	224.0925	3.2	109.0288	A 组
25	Benodanil	麦锈灵	14.00	C ₁₃ H ₁₀ INO	15310-01-7	[M+H] ⁺	323.988	323.9878	-0.7	230.9288	A 组
26	Benoxacor	解草嗪	15.91	C ₁₁ H ₁₁ Cl ₂ NO ₂	98730-04-2	[M+H] ⁺	260.024	260.024	0.2	149.0839	A 组
27	Bensulfuron-methyl	苄嘧磺隆	16.14	C ₁₆ H ₁₈ N ₄ O ₇ S	83055-99-6	[M+H] ⁺	411.0969	411.0972	0.8	149.0597	A 组
28	Benthiavalicarb-Isopropyl	苯噻菌胺	18.19	C ₁₈ H ₂₄ FN ₃ O ₃ S	177406-68-7	[M+H] ⁺	382.1595	382.1587	-2.2	180.0274	A 组
29	Boscalid	啞酰菌胺	17.44	C ₁₈ H ₁₂ Cl ₂ N ₂ O	188425-85-6	[M+H] ⁺	343.0399	343.0396	-1.1	307.0635	A 组
30	Bromacil	除草定	11.48	C ₉ H ₁₃ BrN ₂ O ₂	314-40-9	[M+H] ⁺	261.0233	261.0248	3.6	204.9616	A 组
31	Bromuconazole	糠菌唑	20.13	C ₁₃ H ₁₂ BrCl ₂ N ₃ O	116255-48-2	[M+H] ⁺	375.9614	375.9615	0.5	158.9774	A 组
32	Bupirimate	乙嘧磺酸酯	19.39	C ₁₃ H ₂₄ N ₄ O ₃ S	41483-43-6	[M+H] ⁺	317.1642	317.1627	-4.7	166.0976	A 组
33	Buprofezin	噻嗪酮	23.64	C ₁₆ H ₂₃ N ₃ OS	69327-76-0	[M+H] ⁺	306.1635	306.1525	-3.6	106.0656	A 组
34	Butafenacil	氟丙嘧草酯	19.09	C ₂₀ H ₁₈ ClF ₃ N ₂ O ₆	134605-64-4	[M+H] ⁺	475.0878	475.0879	0.2	331.0087	A 组
35	Butralin	仲丁灵	24.88	C ₁₄ H ₂₁ N ₃ O ₄	33629-47-9	[M+H] ⁺	296.1605	296.16	-1.7	240.0985	A 组
36	Cadusafos	硫线磷	22.45	C ₁₀ H ₂₃ O ₂ PS ₂	95465-99-9	[M+H] ⁺	271.095	271.0938	-4.4	130.9383	A 组
37	Cafenstrole	啞草胺	18.41	C ₁₆ H ₂₂ N ₄ O ₃ S	125306-83-4	[M+H] ⁺	351.1485	351.1488	0.8	100.0763	A 组
38	Carbaryl	甲萘威	12.36	C ₁₂ H ₁₁ NO ₂	63-25-2	[M+H] ⁺	202.0863	202.0864	0.6	127.0526	A 组

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39	Carbendazim	多菌灵	6.07	C ₉ H ₉ N ₃ O ₂	10605-21-7	[M+H] ⁺	192.0768	192.0763	-2.2	160.0496	A 组
40	Carbetamide	双酰草胺	10.38	C ₁₂ H ₁₆ N ₂ O ₃	16118-49-3	[M+H] ⁺	237.1234	237.1234	0.1	120.0450	A 组
41	Carbofuran	克百威	11.60	C ₁₂ H ₁₅ NO ₃	1563-66-2	[M+H] ⁺	222.1125	222.1117	-3.5	123.0437	A 组
42	Carbofuran-3-hydroxy	3-羟基克百威	7.28	C ₁₂ H ₁₅ NO ₄	16655-82-6	[M+H] ⁺	238.1074	238.1075	0.7	163.0759	A 组
43	Carboxin	萎锈灵	12.44	C ₁₂ H ₁₃ NO ₂ S	5234-68-4	[M+H] ⁺	236.074	236.0733	-3.0	143.0160	A 组
44	Chlorfluazuron	氟啶脲	25.03	C ₂₀ H ₉ Cl ₃ F ₃ N ₃ O ₃	71422-67-8	[M+H] ⁺	539.9702	539.9709	1.3	382.9360	A 组
45	Chloridazon	氯草敏	7.61	C ₁₀ H ₈ ClN ₃ O	1698-60-8	[M+H] ⁺	222.0429	222.0423	-2.5	77.0390	A 组
46	Chlorotoluron	绿麦隆	13.64	C ₁₀ H ₁₃ ClN ₂ O	15545-48-9	[M+H] ⁺	213.0789	213.0789	-0.3	77.0444	A 组
47	Chlorpyrifos	毒死蜱	24.24	C ₉ H ₁₁ Cl ₃ NO ₃ P S	2921-88-2	[M+H] ⁺	349.9336	349.9326	-2.9	197.9292	A 组
48	Chlorpyrifos-methyl	甲基毒死蜱	22.07	C ₇ H ₇ Cl ₃ NO ₃ P S	5598-13-0	[M+H] ⁺	321.9023	321.9023	0.2	125.0142	A 组
49	Chlorsulfuron	氯磺隆	12.61	C ₁₂ H ₁₂ ClN ₅ O ₄ S	64902-72-3	[M+H] ⁺	358.0371	358.0372	0.1	141.0778	A 组
50	Clomazone	异噁草酮	15.95	C ₁₂ H ₁₄ ClNO ₂	81777-89-1	[M+H] ⁺	240.0786	240.0786	0.1	125.0146	A 组
51	Clothianidin	噻虫胺	6.73	C ₆ H ₈ ClN ₅ O ₂ S	210880-92-5	[M+H] ⁺	250.016	250.0163	1.2	131.9677	A 组
52	Coumaphos	蝇毒磷	21.22	C ₁₄ H ₁₆ ClO ₅ PS	56-72-4	[M+H] ⁺	363.0217	363.0209	-2.3	226.9933	A 组
53	Cyanazine	氰草津	10.64	C ₉ H ₁₃ ClN ₆	21725-46-2	[M+H] ⁺	241.0963	241.0961	-0.9	214.0860	A 组
54	Cyanofenphos	苯腈磷	20.72	C ₁₅ H ₁₄ NO ₂ PS	13067-93-1	[M+H] ⁺	304.0556	304.0553	-0.9	156.9873	A 组
55	Cyanophos	杀螟腈	14.41	C ₉ H ₁₀ NO ₃ PS	2636-26-2	[M+H] ⁺	244.0192	244.0193	0.5	124.9829	A 组
56	Cycloate	环草敌	22.39	C ₁₁ H ₂₁ NOS	1134-23-2	[M+H] ⁺	216.1417	216.1339	-3.6	55.0550	A 组
57	Cycluron	环莠隆	15.11	C ₁₁ H ₂₂ N ₂ O	2163-69-1	[M+H] ⁺	199.1805	199.1798	-3.4	72.0446	A 组
58	Cyflufenamid	环氟菌胺	21.75	C ₂₀ H ₁₇ F ₅ N ₂ O ₂	180409-60-3	[M+H] ⁺	413.1283	413.1284	0.3	241.0400	A 组
59	Cyprazine	环丙津	14.47	C ₉ H ₁₄ ClN ₅	22936-86-3	[M+H] ⁺	228.1011	228.1009	-0.6	186.0544	A 组
60	Cyproconazole	环丙唑醇	18.07	C ₁₅ H ₁₈ ClN ₃ O	94361-06-5	[M+H] ⁺	292.1211	292.1214	0.9	70.0409	A 组
61	Cyprodinil	啞菌环胺	19.82	C ₁₄ H ₁₅ N ₃	121552-61-2	[M+H] ⁺	226.1339	226.1244	-4.2	108.0811	A 组

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62	Diazinon	二嗪磷	21.22	C ₁₂ H ₂₁ N ₂ O ₃ PS	333-41-5	[M+H] ⁺	305.1083	305.0979	-3.4	169.0793	A 组
63	Dichlofenthion	除线磷	23.96	C ₁₀ H ₁₃ Cl ₂ O ₃ PS	97-17-6	[M+H] ⁺	314.9773	314.9771	-0.7	258.9153	A 组
64	Dichlorvos	敌敌畏	11.08	C ₄ H ₇ Cl ₂ O ₄ P	62-73-7	[M+H] ⁺	220.9532	220.9533	0.5	109.0054	A 组
65	Diclobutrazole	苄氯三唑醇	20.46	C ₁₅ H ₁₉ Cl ₂ N ₃ O	75736-33-3	[M+H] ⁺	328.0978	328.0975	-0.8	70.0406	A 组
66	Dicrotophos	百治磷	6.17	C ₈ H ₁₆ NO ₅ P	141-66-2	[M+H] ⁺	238.0839	238.0834	-2.0	72.0443	A 组
67	Diethyltoluamide	避蚊胺	14.60	C ₁₂ H ₁₇ NO	134-62-3	[M+H] ⁺	192.1383	192.1316	-3.5	91.0539	A 组
68	Difenoconazole	苯醚甲环唑	22.18	C ₁₉ H ₁₇ Cl ₂ N ₃ O ₃	119446-68-3	[M+H] ⁺	406.072	406.0724	0.9	251.0038	A 组
69	Difenoxyuron	枯莠隆	14.85	C ₁₆ H ₁₈ N ₂ O ₃	14214-32-5	[M+H] ⁺	287.139	287.1386	-1.4	72.0448	A 组
70	Diflubenzuron	除虫脲	19.71	C ₁₄ H ₉ ClF ₂ N ₂ O ₂	35367-38-5	[M+H] ⁺	311.0393	311.0394	0.3	141.0154	A 组
71	Dimefuron	噁唑隆	16.02	C ₁₅ H ₁₉ ClN ₄ O ₃	34205-21-5	[M+H] ⁺	339.1218	339.1096	-3.6	72.0444	A 组
72	Dimethachlor	二甲草胺	15.47	C ₁₃ H ₁₈ ClNO ₂	50563-36-5	[M+H] ⁺	256.1099	256.1101	1.0	224.0843	A 组
73	Dimethametryn	异戊乙净	19.64	C ₁₁ H ₂₁ N ₅ S	22936-75-0	[M+H] ⁺	256.159	256.1591	0.1	186.0810	A 组
74	Dimethenamid	二甲吩草胺	17.29	C ₁₂ H ₁₈ ClNO ₂ S	87674-68-8	[M+H] ⁺	276.082	276.0817	-0.9	244.0552	A 组
75	Dimethirimol	二甲嘧酚	9.80	C ₁₁ H ₁₉ N ₃ O	5221-53-4	[M+H] ⁺	210.1601	210.1594	-3.4	140.1071	A 组
76	Dimethoate	乐果	7.41	C ₅ H ₁₂ NO ₃ PS ₂	60-51-5	[M+H] ⁺	230.0069	230.0068	-0.3	124.9823	A 组
77	Dimethomorph	烯酰吗啉	17.74	C ₂₁ H ₂₂ ClNO ₄	110488-70-5	[M+H] ⁺	388.131	388.1309	-0.2	301.0628	A 组
78	Dimetilan	敌蝇威	7.83	C ₁₀ H ₁₆ N ₄ O ₃	644-64-4	[M+H] ⁺	241.1295	241.1293	-1.0	72.0440	A 组
79	Dimoxystrobin	醚菌胺	20.25	C ₁₉ H ₂₂ N ₂ O ₃	149961-52-4	[M+H] ⁺	327.1703	327.1699	-1.2	116.0494	A 组
80	Diniconazole	烯唑醇	21.98	C ₁₅ H ₁₇ Cl ₂ N ₃ O	83657-24-3	[M+H] ⁺	326.0821	326.0819	-0.9	70.0405	A 组
81	Dinitramine	氨氟灵	21.53	C ₁₁ H ₁₃ F ₃ N ₄ O ₄	29091-05-2	[M+H] ⁺	323.0962	323.096	-0.6	305.0873	B 组
82	Dinotefuran	呋虫胺	4.92	C ₇ H ₁₄ N ₄ O ₃	165252-70-0	[M+H] ⁺	203.1139	203.1138	-0.3	73.0644	B 组
83	Diphenamid	双苯酰草胺	15.45	C ₁₆ H ₁₇ NO	957-51-7	[M+H] ⁺	240.1383	240.1316	-2.8	134.0954	B 组
84	Dipropetryn	异丙净	19.52	C ₁₁ H ₂₁ N ₅ S	4147-51-7	[M+H] ⁺	256.159	256.1591	0.1	186.0799	B 组

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85	Disulfoton-sulfone	乙拌磷砒	14.02	C ₈ H ₁₉ O ₄ PS ₃	2497-06-5	[M+H] ⁺	307.0256	307.0253	-0.9	96.9504	B 组
86	Disulfoton-sulfoxide	砒拌磷	13.65	C ₈ H ₁₉ O ₃ PS ₃	2497-07-6	[M+H] ⁺	291.0307	291.0309	0.9	156.9544	B 组
87	Ditalimfos	灭菌磷	18.84	C ₁₂ H ₁₄ NO ₄ PS	5131-24-8	[M+H] ⁺	300.0454	300.045	-1.2	130.0284	B 组
88	Dithiopyr	氟硫草定	22.96	C ₁₅ H ₁₆ F ₅ NO ₂ S ₂	97886-45-8	[M+H] ⁺	402.0615	402.0614	-0.2	354.0583	B 组
89	Diuron	敌草隆	14.79	C ₉ H ₁₀ Cl ₂ N ₂ O	330-54-1	[M+H] ⁺	233.0243	233.0242	-0.4	72.0452	B 组
90	Dodemorph	十二环吗啉	14.72	C ₁₈ H ₃₅ NO	1593-77-7	[M+H] ⁺	282.2791	282.278	-4.1	116.1066	B 组
91	Edifenphos	敌瘟磷	20.86	C ₁₄ H ₁₅ O ₂ PS ₂	17109-49-8	[M+H] ⁺	311.0324	311.0321	-1.0	109.0104	B 组
92	Emamectin-benzoate	甲氨基阿维菌素	23.23	C ₄₉ H ₇₅ NO ₁₃	119791-41-2	[M+H] ⁺	886.5311	886.5305	-0.7	158.1176	B 组
93	Epoxiconazole	氟环唑	19.43	C ₁₇ H ₁₃ ClFN ₃ O	133855-98-8	[M+H] ⁺	330.0804	330.0801	-1.0	121.0451	B 组
94	Esprocarb	戊草丹	23.66	C ₁₅ H ₂₃ NOS	85785-20-2	[M+H] ⁺	266.1573	266.1565	-3.0	91.0543	B 组
95	Etaconazole	乙环唑	19.25	C ₁₄ H ₁₅ Cl ₂ N ₃ O ₂	60207-93-4	[M+H] ⁺	328.0614	328.0617	1.0	158.9771	B 组
96	Ethametsulfuron-methyl	甲基胺苯磺隆	13.35	C ₁₅ H ₁₈ N ₆ O ₆ S	97780-06-8	[M+H] ⁺	411.1081	411.1085	0.9	168.0518	B 组
97	Ethion	乙硫磷	24.02	C ₉ H ₂₂ O ₄ P ₂ S ₄	563-12-2	[M+H] ⁺	384.9949	384.995	0.3	142.9393	B 组
98	Ethiprole	乙虫腈	17.25	C ₁₃ H ₉ Cl ₂ F ₃ N ₄ OS	181587-01-9	[M+H] ⁺	396.9899	396.9899	-0.1	350.9479	B 组
99	Ethirimol	乙嘧酚	9.80	C ₁₁ H ₁₉ N ₃ O	23947-60-6	[M+H] ⁺	210.1601	210.1594	-3.4	140.1071	B 组
100	Ethoprophos	灭线磷	19.30	C ₈ H ₁₉ O ₂ PS ₂	13194-48-4	[M+H] ⁺	243.0637	243.0627	-4.1	130.9384	B 组
101	Etioazole	乙螨唑	24.70	C ₂₁ H ₂₃ F ₂ NO ₂	153233-91-1	[M+H] ⁺	360.177	360.1630	-3.9	141.0150	B 组
102	Fenamidone	咪唑菌酮	17.12	C ₁₇ H ₁₇ N ₃ OS	161326-34-7	[M+H] ⁺	312.1165	312.1164	-0.5	92.0498	B 组
103	Fenamiphos	苯线磷	19.93	C ₁₃ H ₂₂ NO ₃ PS	22224-92-6	[M+H] ⁺	304.1131	304.1118	-4.2	217.0081	B 组
104	Fenarimol	氯苯嘧啶醇	18.96	C ₁₇ H ₁₂ Cl ₂ N ₂ O	60168-88-9	[M+H] ⁺	331.0399	331.04	0.2	268.0538	B 组
105	Fenazaquin	喹螨醚	25.58	C ₂₀ H ₂₂ N ₂ O	120928-09-8	[M+H] ⁺	307.1805	307.1719	-2.8	161.1327	B 组
106	Fenbuconazole	腈苯唑	19.58	C ₁₉ H ₁₇ ClN ₄	114369-43-6	[M+H] ⁺	337.1215	337.1211	-1.0	125.0156	B 组
107	Fenfuram	甲呋酰胺	12.74	C ₁₂ H ₁₁ NO ₂	24691-80-3	[M+H] ⁺	202.0863	202.0780	-4.1	109.0278	B 组
108	Fenobucarb	仲丁威	16.36	C ₁₂ H ₁₇ NO ₂	3766-81-2	[M+H] ⁺	208.1332	208.1334	0.8	95.0490	B 组

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109	Fenothiocarb	苯硫威	20.01	C ₁₃ H ₁₉ NO ₂ S	62850-32-2	[M+H] ⁺	254.1209	254.1204	-2.1	72.0446	B 组
110	Fenoxaprop-ethyl	噁唑禾草灵	23.25	C ₁₈ H ₁₆ ClNO ₅	66441-23-4	[M+H] ⁺	362.079	362.0656	-3.7	288.0415	B 组
111	Fenpiclonil	拌种咯	15.68	C ₁₁ H ₆ Cl ₂ N ₂	74738-17-3	[M+H] ⁺	236.9981	236.9982	0.6	202.0304	B 组
112	Fenpropidin	苯锈啉	14.89	C ₁₉ H ₃₁ N	67306-00-7	[M+H] ⁺	274.2529	274.2522	-2.7	147.1171	B 组
113	Fenpropimorph	丁苯吗啉	16.00	C ₂₀ H ₃₃ NO	67564-91-4	[M+H] ⁺	304.2635	304.2636	0.3	147.1171	B 组
114	Fenpyroximate	唑螨酯	25.08	C ₂₄ H ₂₇ N ₃ O ₄	134098-61-6	[M+H] ⁺	422.2074	422.2064	-2.5	231.1002	B 组
115	Fenthion	倍硫磷	20.69	C ₁₀ H ₁₅ O ₃ PS ₂	55-38-9	[M+H] ⁺	279.0273	279.0262	-4.1	169.0145	B 组
116	Fenuron	非草隆	7.30	C ₉ H ₁₂ N ₂ O	101-42-8	[M+H] ⁺	165.1022	165.1019	-2.2	72.0430	B 组
117	Flamprop-isopropyl	麦草氟异丙酯	21.04	C ₁₉ H ₁₉ ClFNO ₃	52756-22-6	[M+H] ⁺	364.111	364.1107	-1.0	105.0338	B 组
118	Flonicamid	氟啉虫酰胺	5.65	C ₉ H ₆ F ₃ N ₃ O	158062-67-0	[M+H] ⁺	230.0536	230.0535	-0.2	203.0434	B 组
119	Fluazifop	吡氟禾草酸	17.01	C ₁₅ H ₁₂ F ₃ NO ₄	69335-91-7	[M+H] ⁺	328.0791	328.0794	0.8	282.0744	B 组
120	Flufenacet	氟噻草胺	19.16	C ₁₄ H ₁₃ F ₄ N ₃ O ₂ S	142459-58-3	[M+H] ⁺	364.0737	364.0741	0.9	152.0510	B 组
121	Flufenoxuron	氟虫脲	24.55	C ₂₁ H ₁₁ ClF ₆ N ₂ O ₃	101463-69-8	[M+H] ⁺	489.0435	489.0441	1.1	158.0415	B 组
122	Flumorph	氟吗啉	15.43	C ₂₁ H ₂₂ FNO ₄	211867-47-9	[M+H] ⁺	372.1606	372.1603	-0.6	285.0908	B 组
123	Fluometuron	氟草隆	13.28	C ₁₀ H ₁₁ F ₃ N ₂ O	2164-17-2	[M+H] ⁺	233.0896	233.0819	-3.3	72.0443	B 组
124	Fluopicolide	氟吡菌胺	17.88	C ₁₄ H ₈ Cl ₃ F ₃ N ₂ O	239110-15-7	[M+H] ⁺	382.9727	382.9725	-0.4	172.9558	B 组
125	Fluopyram	氟吡菌酰胺	18.78	C ₁₆ H ₁₁ ClF ₆ N ₂ O	658066-35-4	[M+H] ⁺	397.0537	397.0539	0.5	208.0138	B 组
126	Fluoroglycofen-ethyl	乙羧氟草醚	22.79	C ₁₈ H ₁₃ ClF ₃ NO ₇	77501-90-7	[M+H] ⁺	448.0405	448.0409	0.7	343.9957	B 组
127	Fluoxastrobin	氟啉菌酯	18.94	C ₂₁ H ₁₆ ClF ₄ N ₄ O ₅	361377-29-9	[M+H] ⁺	459.0866	459.0867	0.3	427.0585	B 组
128	Fluquinconazole	氟唑啉	18.82	C ₁₆ H ₈ Cl ₂ FN ₅ O	136426-54-5	[M+H] ⁺	376.0163	376.0162	-0.2	306.9849	B 组
129	Fluroxypyr	氯氟吡氧乙酸	24.48	C ₇ H ₅ Cl ₂ FN ₂ O ₃	69377-81-7	[M+H] ⁺	254.9734	254.9729	-1.9	180.9738	B 组

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130	Flurprimidol	呋嘧醇	17.81	C ₁₅ H ₁₅ F ₃ N ₂ O ₂	56425-91-3	[M+H] ⁺	313.1158	313.1155	-1.1	270.0623	B 组
131	Flurtamone	呋草酮	16.84	C ₁₈ H ₁₄ F ₃ NO ₂	96525-23-4	[M+H] ⁺	334.1049	334.1037	-3.6	247.0717	B 组
132	Flusilazole	氟硅唑	19.86	C ₁₆ H ₁₅ F ₂ N ₃ Si	85509-19-9	[M+H] ⁺	316.1076	316.1074	-0.5	165.0704	B 组
133	Fluthiacet-methyl	噻草酸甲酯	20.50	C ₁₅ H ₁₅ ClFN ₃ O ₃ S ₂	117337-19-6	[M+H] ⁺	404.03	404.0294	-1.6	344.0091	B 组
134	Flutolanil	氟酰胺	17.78	C ₁₇ H ₁₆ F ₃ NO ₂	66332-96-5	[M+H] ⁺	324.1206	324.1195	-3.4	242.0605	B 组
135	Flutriafol	粉唑醇	14.19	C ₁₆ H ₁₃ F ₂ N ₃ O	76674-21-0	[M+H] ⁺	302.1099	302.11	0.3	70.0402	B 组
136	Fluxapyroxad	氟唑菌酰胺	17.84	C ₁₈ H ₁₂ F ₅ N ₃ O	907204-31-3	[M+H] ⁺	382.0973	382.097	-0.9	342.0843	B 组
137	Fonofos	地虫硫磷	20.96	C ₁₀ H ₁₅ OPS ₂	944-22-9	[M+H] ⁺	247.0375	247.0373	-0.5	108.9877	B 组
138	Forchlorfenuron	氯吡脞	14.88	C ₁₂ H ₁₀ ClN ₃ O	68157-60-8	[M+H] ⁺	248.0585	248.0584	-0.3	129.0218	B 组
139	Fosthiazate	噻唑磷	13.44	C ₉ H ₁₈ NO ₃ PS ₂	98886-44-3	[M+H] ⁺	284.0539	284.0541	0.8	104.0165	B 组
140	Fuberidazole	麦穗宁	7.41	C ₁₁ H ₈ N ₂ O	3878-19-1	[M+H] ⁺	185.0709	185.0701	-4.4	157.0766	B 组
141	Furalaxyl	呋霜灵	16.77	C ₁₇ H ₁₉ NO ₄	57646-30-7	[M+H] ⁺	302.1387	302.1383	-1.2	95.0123	B 组
142	Furathiocarb	呋线威	23.62	C ₁₈ H ₂₆ N ₂ O ₅ S	65907-30-4	[M+H] ⁺	383.1635	383.1574	-1.6	195.0480	B 组
143	Furmecyclox	拌种胺	20.97	C ₁₄ H ₂₁ NO ₃	60568-05-0	[M+H] ⁺	252.1594	252.1496	-3.9	110.0599	B 组
144	Haloxypop	氟吡禾灵	20.31	C ₁₅ H ₁₁ ClF ₃ NO ₄	69806-34-4	[M+H] ⁺	362.0402	362.0398	-0.8	316.0347	B 组
145	Haloxypop-methyl	氟吡甲禾灵	22.43	C ₁₆ H ₁₃ ClF ₃ NO ₄	69806-40-2	[M+H] ⁺	376.0558	376.054	-4.7	316.0343	B 组
146	Heptenophos	庚烯磷	14.97	C ₉ H ₁₂ ClO ₄ P	23560-59-0	[M+H] ⁺	251.0235	251.0231	-1.3	127.0156	B 组
147	Hexaconazole	己唑醇	21.23	C ₁₄ H ₁₇ Cl ₂ N ₃ O	79983-71-4	[M+H] ⁺	314.0821	314.082	-0.6	70.0404	B 组
148	Hexaflumuron	氟铃脞	22.75	C ₁₆ H ₈ Cl ₂ F ₆ N ₂ O ₃	86479-06-3	[M+H] ⁺	460.9889	460.9895	1.3	158.0420	B 组
149	Hexazinone	环嗪酮	11.66	C ₁₂ H ₂₀ N ₄ O ₂	51235-04-2	[M+H] ⁺	253.1659	253.1658	-0.3	171.0871	B 组
150	Hexythiazox	噻螨酮	24.30	C ₁₇ H ₂₁ ClN ₂ O ₂ S	78587-05-0	[M+H] ⁺	353.1085	353.107	-4.2	228.0265	B 组
151	Imazalil	抑霉唑	13.19	C ₁₄ H ₁₄ Cl ₂ N ₂ O	35554-44-0	[M+H] ⁺	297.0556	297.0557	0.3	158.9768	B 组

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152	Imazamethabenz-methyl	咪草酸	11.74	C ₁₆ H ₂₀ N ₂ O ₃	81405-85-8	[M+H] ⁺	289.1547	289.1542	-1.7	144.0447	B 组
153	Imidacloprid	吡虫啉	6.53	C ₉ H ₁₀ ClN ₅ O ₂	138261-41-3	[M+H] ⁺	256.0596	256.0595	-0.1	209.0599	B 组
154	Imidacloprid-Urea	吡虫啉脲	6.46	C ₉ H ₁₀ ClN ₃ O	120868-66-8	[M+H] ⁺	212.0585	212.058	-2.3	128.0262	B 组
155	Indoxacarb	茚虫威	22.45	C ₂₂ H ₁₇ ClF ₃ N ₃ O ₇	144171-61-9	[M+H] ⁺	528.078	528.0775	-0.9	218.0439	B 组
156	Iprobenfos	异稻瘟净	24.70	C ₁₃ H ₂₁ O ₃ PS	26087-47-8	[M+H] ⁺	289.1022	289.1021	-0.2	91.0542	B 组
157	Iprovalicarb	缬霉威	18.99	C ₁₈ H ₂₈ N ₂ O ₃	140923-17-7	[M+H] ⁺	321.2173	321.2172	-0.3	119.0855	B 组
158	Isazofos	氯唑磷	18.61	C ₉ H ₁₇ ClN ₃ O ₃ PS	42509-80-8	[M+H] ⁺	314.049	314.0487	-0.7	119.9957	B 组
159	Isocarbamid	丁咪酰胺	8.40	C ₈ H ₁₅ N ₃ O ₂	30979-48-7	[M+H] ⁺	186.1237	186.1236	-0.5	87.0557	B 组
160	Isofenphos oxon	氧异柳磷	18.76	C ₁₅ H ₂₄ NO ₅ P	31120-85-1	[M+H] ⁺	330.1465	330.1467	0.7	200.9941	B 组
161	Isopropalin	异丙乐灵	25.17	C ₁₅ H ₂₃ N ₃ O ₄	33820-53-0	[M+H] ⁺	310.1761	310.1751	-3.5	212.9503	C 组
162	Isoprothiolane	稻瘟灵	17.87	C ₁₂ H ₁₈ O ₄ S ₂	50512-35-1	[M+H] ⁺	291.0719	291.0717	-0.7	188.9678	C 组
163	Isoproturon	异丙隆	14.53	C ₁₂ H ₁₈ N ₂ O	34123-59-6	[M+H] ⁺	207.1492	207.1491	-0.5	72.0447	C 组
164	Isoxaben	异噁酰草胺	17.69	C ₁₈ H ₂₄ N ₂ O ₄	82558-50-7	[M+H] ⁺	333.1809	333.1809	-0.1	165.0537	C 组
165	Isoxadifen-ethyl	双苯恶唑酸	20.23	C ₁₈ H ₁₇ NO ₃	163520-33-0	[M+H] ⁺	296.1281	296.1279	-0.6	232.0769	C 组
166	Isoxaflutole	异噁唑草酮	14.85	C ₁₅ H ₁₂ F ₃ NO ₄ S	141112-29-0	[M+H] ⁺	360.0512	360.0506	-1.7	250.9997	C 组
167	Isoxathion	噁唑磷	21.56	C ₁₃ H ₁₆ NO ₄ PS	18854-01-8	[M+H] ⁺	314.061	314.0478	-4.2	105.0339	C 组
168	Linuron	利谷隆	16.56	C ₉ H ₁₀ Cl ₂ N ₂ O ₂	330-55-2	[M+H] ⁺	249.0192	249.019	-0.7	159.9722	C 组
169	Malathion	马拉硫磷	17.91	C ₁₀ H ₁₉ O ₆ PS ₂	121-75-5	[M+H] ⁺	331.0433	331.0431	-0.7	99.0078	C 组
170	Mandipropamid	双炔酰菌胺	17.61	C ₂₃ H ₂₂ ClNO ₄	374726-62-2	[M+H] ⁺	412.131	412.1306	-1.0	328.1090	C 组
171	Mefenacet	苯噁酰草胺	18.44	C ₁₆ H ₁₄ N ₂ O ₂ S	73250-68-7	[M+H] ⁺	299.0849	299.0847	-0.7	120.0809	C 组
172	Mefenpyr-diethyl	吡唑解草酯	21.42	C ₁₆ H ₁₈ Cl ₂ N ₂ O ₄	135590-91-9	[M+H] ⁺	373.0716	373.0715	-0.5	327.0306	C 组
173	Mepanipirim	噻菌胺	18.68	C ₁₄ H ₁₃ N ₃	110235-47-7	[M+H] ⁺	224.1182	224.1181	-0.6	106.0659	C 组
174	Mephosfolan	地胺磷	11.13	C ₈ H ₁₆ NO ₃ PS ₂	950-10-7	[M+H] ⁺	270.0382	270.0384	0.7	139.9563	C 组

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175	Mepronil	灭锈胺	18.03	C ₁₇ H ₁₉ NO ₂	55814-41-0	[M+H] ⁺	270.1489	270.1484	-1.8	119.0494	C 组
176	Metalaxyl	甲霜灵	14.92	C ₁₅ H ₂₁ NO ₄	57837-19-1	[M+H] ⁺	280.1543	280.1543	-0.2	160.1125	C 组
177	Metamitron	苯噻草酮	7.40	C ₁₀ H ₁₀ N ₄ O	41394-05-2	[M+H] ⁺	203.0927	203.0925	-1.3	175.0981	C 组
178	Metazachlor	吡唑草胺	14.55	C ₁₄ H ₁₆ ClN ₃ O	67129-08-2	[M+H] ⁺	278.1055	278.1055	0.1	134.0966	C 组
179	Metconazole	叶菌唑	21.47	C ₁₇ H ₂₂ ClN ₃ O	125116-23-6	[M+H] ⁺	320.1524	320.1522	-0.8	70.0404	C 组
180	Methabenzthiazuron	甲基苯噻隆	14.03	C ₁₀ H ₁₁ N ₃ OS	18691-97-9	[M+H] ⁺	222.0696	222.0694	-0.6	165.0480	C 组
181	Methamidophos	甲胺磷	3.97	C ₂ H ₈ NO ₂ PS	10265-92-6	[M+H] ⁺	142.0086	142.0081	-3.4	94.0060	C 组
182	Methiocarb	甲硫威	16.83	C ₁₁ H ₁₅ NO ₂ S	2032-65-7	[M+H] ⁺	226.0896	226.09	1.5	169.0679	C 组
183	Methoprotetryne	甲氧丙净	15.54	C ₁₁ H ₂₁ N ₅ OS	841-06-5	[M+H] ⁺	272.154	272.1533	-2.5	198.0807	C 组
184	Methoxyfenozide	甲氧虫酰肼	18.27	C ₂₂ H ₂₈ N ₂ O ₃	161050-58-4	[M+H] ⁺	369.2173	369.2328	4.2	133.0650	C 组
185	Metolachlor	异丙甲草胺	19.75	C ₁₅ H ₂₂ ClNO ₂	51218-45-2	[M+H] ⁺	284.1412	284.1402	-3.3	252.1139	C 组
186	Metolcarb	速灭威	22.54	C ₉ H ₁₁ NO ₂	1129-41-5	[M+H] ⁺	166.0863	166.0810	-3.2	109.0655	C 组
187	Metominostrobin-(E)	苯氧菌胺-(E)	15.30	C ₁₆ H ₁₆ N ₂ O ₃	133408-50-1	[M+H] ⁺	285.1234	285.1224	-3.6	194.0590	C 组
188	Metominostrobin-(Z)	苯氧菌胺-(Z)	15.30	C ₁₆ H ₁₆ N ₂ O ₃	133408-51-2	[M+H] ⁺	285.1234	285.1224	-3.6	194.0590	C 组
189	Metosulam	磺草唑胺	12.13	C ₁₄ H ₁₃ Cl ₂ N ₅ O ₄ S	139528-85-1	[M+H] ⁺	418.0138	418.014	0.4	174.9956	C 组
190	Metoxuron	甲氧隆	9.53	C ₁₀ H ₁₃ ClN ₂ O ₂	19937-59-8	[M+H] ⁺	229.0738	229.0735	-1.3	72.0444	C 组
191	Metrafenone	苯菌酮	22.04	C ₁₉ H ₂₁ BrO ₅	220899-03-6	[M+H] ⁺	409.0645	409.0644	-0.3	226.9696	C 组
192	Metribuzin	噻草酮	11.48	C ₈ H ₁₄ N ₄ OS	21087-64-9	[M+H] ⁺	215.0961	215.096	-0.3	187.1022	C 组
193	Mevinphos	速灭磷	8.56	C ₇ H ₁₃ O ₆ P	7786-34-7	[M+H] ⁺	225.0523	225.0524	0.6	127.0162	C 组
194	Mexacarbate	兹克威	9.43	C ₁₂ H ₁₈ N ₂ O ₂	315-18-4	[M+H] ⁺	223.1441	223.1438	-1.5	151.0990	C 组
195	Molinate	禾草敌	18.13	C ₉ H ₁₇ NOS	2212-67-1	[M+H] ⁺	188.1104	188.11	-1.9	55.0548	C 组
196	Monocrotophos	久效磷	7.28	C ₇ H ₁₄ NO ₃ P	6923-22-4	[M+H] ⁺	224.0682	224.0597	-3.8	127.0162	C 组
197	Monolinuron	绿谷隆	12.90	C ₉ H ₁₁ ClN ₂ O ₂	1746-81-2	[M+H] ⁺	215.0582	215.058	-1.1	126.0105	C 组
198	Myclobutanil	腈菌唑	18.07	C ₁₅ H ₁₇ ClN ₄	88671-89-0	[M+H] ⁺	289.1215	289.1212	-0.8	70.0404	C 组

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 (1×10^{-6} , ppm)	典型二级碎片 离子 (m/z)	备注
199	Napropamide	敌草胺	19.30	C ₁₇ H ₂₁ NO ₂	15299-99-7	[M+H] ⁺	272.1645	272.1550	-3.5	171.0803	C 组
200	Norflurazon	氟草敏	15.11	C ₁₂ H ₉ ClF ₃ N ₃ O	27314-13-2	[M+H] ⁺	304.0459	304.0453	-1.9	284.0393	C 组
201	Novaluron	氟酰脲	22.98	C ₁₇ H ₉ ClF ₈ N ₂ O ₄	116714-46-6	[M+H] ⁺	493.0196	493.0208	2.5	158.0420	C 组
202	Nuarimol	氟苯嘧啶醇	16.79	C ₁₇ H ₁₂ ClFN ₂ O	63284-71-9	[M+H] ⁺	315.0695	315.0693	-0.6	252.0827	C 组
203	Ofurace	呋酰胺	11.74	C ₁₄ H ₁₆ ClNO ₃	58810-48-3	[M+H] ⁺	282.0892	282.0889	-1.0	160.1121	C 组
204	Omethoate	氧乐果	4.74	C ₅ H ₁₂ NO ₄ PS	1113-02-6	[M+H] ⁺	214.0297	214.0298	0.1	124.9823	C 组
205	Orbencarb	坪草丹	21.54	C ₁₂ H ₁₆ ClNOS	34622-58-7	[M+H] ⁺	258.0714	258.0704	-4.0	125.0154	C 组
206	Oxadiazon	噁草酮	23.92	C ₁₅ H ₁₈ Cl ₂ N ₂ O ₃	19666-30-9	[M+H] ⁺	345.0767	345.0767	-0.2	219.9578	C 组
207	Oxadixyl	噁霜灵	9.88	C ₁₄ H ₁₈ N ₂ O ₄	77732-09-3	[M+H] ⁺	279.1339	279.1342	0.9	219.1142	C 组
208	Oxycarboxin	氧化萎锈灵	8.11	C ₁₂ H ₁₃ NO ₄ S	5259-88-1	[M+H] ⁺	268.0638	268.0637	-0.4	175.0064	C 组
209	Oxydemeton-methyl	亚砷磷	5.39	C ₆ H ₁₅ O ₄ PS ₂	301-12-2	[M+H] ⁺	247.0222	247.0216	-2.3	169.0080	C 组
210	Paclobutrazol	多效唑	17.69	C ₁₅ H ₂₀ ClN ₃ O	76738-62-0	[M+H] ⁺	294.1368	294.1369	0.4	70.0402	C 组
211	Paraoxon-ethyl	对氧磷	14.01	C ₁₀ H ₁₄ NO ₆ P	311-45-5	[M+H] ⁺	276.0632	276.063	-0.6	219.9994	C 组
212	Paraoxon-methyl	甲基对氧磷	9.83	C ₈ H ₁₀ NO ₆ P	950-35-6	[M+H] ⁺	248.0319	248.0317	-0.5	202.0392	C 组
213	Pebulate	克草敌	22.12	C ₁₀ H ₂₁ NOS	1114-71-2	[M+H] ⁺	204.1417	204.1337	-3.9	57.0704	C 组
214	Penconazole	戊菌唑	20.52	C ₁₃ H ₁₅ Cl ₂ N ₃	66246-88-6	[M+H] ⁺	284.0716	284.071	-2.1	158.9767	C 组
215	Pendimethalin	二甲戊灵	24.39	C ₁₃ H ₁₉ N ₃ O ₄	40487-42-1	[M+H] ⁺	282.1448	282.1449	0.2	212.0669	C 组
216	Phenthoate	稻丰散	20.32	C ₁₂ H ₁₇ O ₄ PS ₂	2597-03-7	[M+H] ⁺	321.0379	321.0386	2.4	135.0812	C 组
217	Phosalone	伏杀硫磷	21.74	C ₁₂ H ₁₅ ClNO ₄ PS ₂	2310-17-0	[M+H] ⁺	367.9941	367.9945	0.9	182.0012	C 组
218	Phosfolan	硫环磷	9.16	C ₇ H ₁₄ NO ₃ PS ₂	947-02-4	[M+H] ⁺	256.0226	256.0222	-1.4	139.9561	C 组
219	Phosfolan-Methyl	甲基硫环磷	5.98	C ₅ H ₁₀ NO ₃ PS ₂	5120-23-0	[M+H] ⁺	227.9913	227.9909	-1.7	167.9877	C 组
220	Phosphamidon	磷胺	10.21	C ₁₀ H ₁₉ ClNO ₅ P	13171-21-6	[M+H] ⁺	300.0762	300.0759	-1.0	127.0156	C 组
221	Phoxim	辛硫磷	21.46	C ₁₂ H ₁₅ N ₂ O ₃ PS	14816-18-3	[M+H] ⁺	299.0614	299.0612	-0.7	77.0389	C 组

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222	Picolinafen	氟吡酰草胺	23.63	C ₁₉ H ₁₂ F ₄ N ₂ O ₂	137641-05-5	[M+H] ⁺	377.0908	377.0761	-3.9	238.0482	C 组
223	Picoxystrobin	啉氧菌酯	20.05	C ₁₈ H ₁₆ F ₃ NO ₄	117428-22-5	[M+H] ⁺	368.1104	368.1104	-0.1	145.0650	C 组
224	Pinoxaden	唑啉草酯	21.85	C ₂₃ H ₃₂ N ₂ O ₄	243973-20-8	[M+H] ⁺	401.2435	401.2424	-2.8	317.1833	C 组
225	Piperophos	哌草磷	22.67	C ₁₄ H ₂₈ NO ₃ PS ₂	24151-93-7	[M+H] ⁺	354.1321	354.1306	-4.2	170.9328	C 组
226	Pirimicarb	抗蚜威	11.24	C ₁₁ H ₁₈ N ₄ O ₂	23103-98-2	[M+H] ⁺	239.1503	239.1496	-2.8	72.0439	C 组
227	Pirimicarb-desmethyl	去甲基抗蚜威	7.08	C ₁₀ H ₁₆ N ₄ O ₂	30614-22-3	[M+H] ⁺	225.1346	225.1347	0.4	72.0440	C 组
228	Pirimicarb-desmethyl-formamido	去甲基-甲酰氨基-抗蚜威	11.45	C ₁₁ H ₁₆ N ₄ O ₃	27218-04-8	[M+H] ⁺	253.1295	253.1295	-0.2	72.0440	C 组
229	Pirimiphos-ethyl	噻啉磷	23.82	C ₁₃ H ₂₄ N ₃ O ₃ PS	23505-41-1	[M+H] ⁺	334.1349	334.1334	-4.5	198.1042	C 组
230	Pirimiphos-methyl	甲基噻啉磷	21.70	C ₁₁ H ₂₀ N ₃ O ₃ PS	29232-93-7	[M+H] ⁺	306.1036	306.0938	-3.2	164.1180	C 组
231	Pretilachlor	丙草胺	23.00	C ₁₇ H ₂₆ ClNO ₂	51218-49-6	[M+H] ⁺	312.1725	312.1722	-0.9	252.1161	C 组
232	Prochloraz	咪鲜胺	21.31	C ₁₅ H ₁₆ Cl ₃ N ₃ O ₂	67747-09-5	[M+H] ⁺	376.0381	376.0382	0.2	308.0006	C 组
233	Prometryne	扑草净	17.72	C ₁₀ H ₁₉ N ₅ S	7287-19-6	[M+H] ⁺	242.1434	242.1429	-1.8	158.0489	C 组
234	Propachlor	毒草胺	14.62	C ₁₁ H ₁₄ ClNO	1918-16-7	[M+H] ⁺	212.0837	212.0833	-1.5	170.0763	C 组
235	Propamocarb	霜霉威	4.76	C ₉ H ₂₀ N ₂ O ₂	24579-73-5	[M+H] ⁺	189.1598	189.1594	-1.8	102.0550	C 组
236	Propanil	敌稗	16.65	C ₉ H ₉ Cl ₂ NO	709-98-8	[M+H] ⁺	218.0134	218.0132	-0.7	127.0189	C 组
237	Propaphos	丙虫磷	20.75	C ₁₃ H ₂₁ O ₄ PS	7292-16-2	[M+H] ⁺	305.0971	305.0967	-1.3	141.0374	C 组
238	Propazine	扑灭津	16.78	C ₉ H ₁₆ ClN ₅	139-40-2	[M+H] ⁺	230.1167	230.1086	-3.5	146.0228	C 组
239	Propiconazole	丙环唑	21.07	C ₁₅ H ₁₇ Cl ₂ N ₃ O ₂	60207-90-1	[M+H] ⁺	342.0771	342.0764	-2.0	158.9769	C 组
240	Propyzamide	炔苯酰草胺	17.83	C ₁₂ H ₁₁ Cl ₂ NO	23950-58-5	[M+H] ⁺	256.0291	256.0288	-1.0	172.9568	C 组
241	Prothiofos	丙硫磷	25.67	C ₁₁ H ₁₅ Cl ₂ O ₂ PS ₂	34643-46-4	[M+H] ⁺	344.9701	344.9705	1.1	240.9561	D 组
242	Pymetrozine	吡蚜酮	4.79	C ₁₀ H ₁₁ N ₅ O	123312-89-0	[M+H] ⁺	218.1036	218.1034	-0.9	105.0451	D 组
243	Pyracarbolid	吡喃灵	12.05	C ₁₃ H ₁₅ NO ₂	24691-76-7	[M+H] ⁺	218.1176	218.1108	-3.1	125.0593	D 组
244	Pyraclostrobin	吡唑醚菌酯	21.50	C ₁₉ H ₁₈ ClN ₃ O ₄	175013-18-0	[M+H] ⁺	388.1059	388.1047	-2.9	163.0628	D 组

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245	Pyrazophos	吡菌磷	21.97	C ₁₄ H ₂₀ N ₃ O ₅ PS	13457-18-6	[M+H] ⁺	374.0934	374.0928	-1.5	222.0875	D 组
246	Pyridaben	哒螨灵	25.53	C ₁₉ H ₂₅ ClN ₂ OS	96489-71-3	[M+H] ⁺	365.1449	365.1433	-4.5	147.1171	D 组
247	Pyrifthalid	环酯草醚	16.25	C ₁₅ H ₁₄ N ₂ O ₄ S	135186-78-6	[M+H] ⁺	319.0747	319.0635	-3.5	139.0508	D 组
248	Pyrimethanil	嘧霉胺	15.92	C ₁₂ H ₁₃ N ₃	53112-28-0	[M+H] ⁺	200.1182	200.1114	-3.4	168.0692	D 组
249	Pyrimidifen	嘧螨醚	23.75	C ₂₀ H ₂₈ ClN ₃ O ₂	105779-78-0	[M+H] ⁺	378.1943	378.1941	-0.5	184.0615	D 组
250	Pyriminobac-Methyl (Z)	嘧草醚-Z	16.38	C ₁₇ H ₁₉ N ₃ O ₆	147411-70-9	[M+H] ⁺	362.1347	362.1346	-0.2	330.1060	D 组
251	Pyriproxyfen	吡丙醚	23.99	C ₂₀ H ₁₉ NO ₃	95737-68-1	[M+H] ⁺	322.1438	322.1319	-3.7	96.0438	D 组
252	Pyroquilon	咯嗉酮	10.97	C ₁₁ H ₁₁ NO	57369-32-1	[M+H] ⁺	174.0913	174.0908	-3.4	132.0806	D 组
253	Quinalphos	喹硫磷	20.36	C ₁₂ H ₁₅ N ₂ O ₃ PS	13593-03-8	[M+H] ⁺	299.0614	299.0518	-3.2	163.0333	D 组
254	Quinoclamine	灭藻醌	10.69	C ₁₀ H ₆ ClNO ₂	2797-51-5	[M+H] ⁺	208.016	208.0158	-0.9	105.0340	D 组
255	Quinoxifen	喹氧灵	24.17	C ₁₅ H ₈ Cl ₂ FNO	124495-18-7	[M+H] ⁺	308.004	307.9972	-2.2	196.9797	D 组
256	Resmethrin	苳呋菊酯	25.77	C ₂₂ H ₂₆ O ₃	10453-86-8	[M+H] ⁺	339.1955	339.1952	-0.8	143.0854	D 组
257	Rotenone	鱼藤酮	19.87	C ₂₃ H ₂₂ O ₆	83-79-4	[M+H] ⁺	395.1489	395.1486	-0.8	213.0921	D 组
258	Saflufenacil	苯嘧磺草胺	16.62	C ₁₇ H ₁₇ ClF ₄ N ₄ O ₅ S	372137-35-4	[M+H] ⁺	501.0617	501.0623	1.1	349.0003	D 组
259	Secbumeton	仲丁通	14.04	C ₁₀ H ₁₉ N ₅ O	26259-45-0	[M+H] ⁺	226.1662	226.166	-1.2	170.1028	D 组
260	Sethoxydim	烯禾啉	23.74	C ₁₇ H ₂₉ NO ₃ S	74051-80-2	[M+H] ⁺	328.1941	328.1938	-0.8	178.0862	D 组
261	Simeton	西玛通	8.59	C ₈ H ₁₅ N ₅ O	673-04-1	[M+H] ⁺	198.1349	198.1286	-3.2	68.0246	D 组
262	Simetryn	西草净	12.51	C ₈ H ₁₅ N ₅ S	1014-70-6	[M+H] ⁺	214.1121	214.1046	-3.5	124.0869	D 组
263	Spinetoram	乙基多杀菌素	22.15	C ₄₂ H ₆₉ NO ₁₀	187166-40-1	[M+H] ⁺	748.4994	748.5002	1.0	142.1225	D 组
264	Spinosad	多杀霉素	21.04	C ₄₁ H ₆₅ NO ₁₀	168316-95-8	[M+H] ⁺	732.4681	732.4675	-0.9	142.1220	D 组
265	Spirodiclofen	螺螨酯	25.20	C ₂₁ H ₂₄ Cl ₂ O ₄	148477-71-8	[M+H] ⁺	411.1124	411.1126	0.3	313.0394	D 组
266	Spirotetramat	螺虫乙酯	19.09	C ₂₁ H ₂₇ NO ₅	203313-25-1	[M+H] ⁺	374.1962	374.1959	-0.8	216.1018	D 组
267	Spiroxamine	螺环菌胺	16.02	C ₁₈ H ₃₅ NO ₂	118134-30-8	[M+H] ⁺	298.2741	298.274	-0.2	144.1380	D 组

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268	Sulfentrazone	甲磺草胺	12.36	$C_{11}H_{10}Cl_2F_2N_4O_3S$	122836-35-5	[M+H] ⁺	386.9892	386.9895	0.8	306.9960	D 组
269	Sulfotep	治螟磷	20.65	$C_8H_{20}O_5P_2S_2$	3689-24-5	[M+H] ⁺	323.03	323.0190	-3.4	96.9508	D 组
270	Tebuconazole	戊唑醇	20.72	$C_{16}H_{22}ClN_3O$	107534-96-3	[M+H] ⁺	308.1524	308.152	-1.2	70.0397	D 组
271	Tebufenpyrad	吡螨胺	23.58	$C_{18}H_{24}ClN_3O$	119168-77-3	[M+H] ⁺	334.1681	334.1567	-3.4	145.0535	D 组
272	Tebupirimfos	丁基嘧啶磷	23.82	$C_{13}H_{23}N_2O_3PS$	96182-53-5	[M+H] ⁺	319.124	319.1236	-1.2	153.1027	D 组
273	Tebutam	牧草胺	19.78	$C_{15}H_{23}NO$	35256-85-0	[M+H] ⁺	234.1852	234.1770	-3.5	91.0534	D 组
274	Tebuthiuron	丁噻隆	12.13	$C_9H_{16}N_4OS$	34014-18-1	[M+H] ⁺	229.1118	229.1111	-2.9	172.0895	D 组
275	Terbumeton	特丁通	14.04	$C_{10}H_{19}N_5O$	33693-04-8	[M+H] ⁺	226.1662	226.166	-1.2	170.1028	D 组
276	Terbuthylazine	特丁津	18.97	$C_9H_{16}ClN_5$	5915-41-3	[M+H] ⁺	230.1167	230.1089	-3.4	132.0330	D 组
277	Tetraconazole	四氟醚唑	19.08	$C_{13}H_{11}Cl_2F_4N_3O$	112281-77-3	[M+H] ⁺	372.0288	372.0291	0.9	158.9772	D 组
278	Tetramethrin	胺菊酯	23.51	$C_{19}H_{25}NO_4$	7696-12-0	[M+H] ⁺	332.1856	332.1852	-1.2	164.0713	D 组
279	Thiabendazole	噻菌灵	6.97	$C_{10}H_7N_3S$	148-79-8	[M+H] ⁺	202.0433	202.0428	-2.7	175.0318	D 组
280	Thiabendazole-5-Hydroxy	噻苯咪唑-5-羟基	5.50	$C_{10}H_7N_3OS$	948-71-0	[M+H] ⁺	218.0383	218.038	-1.1	191.0276	D 组
281	Thiacloprid	噻虫啉	8.29	$C_{10}H_9ClN_4S$	111988-49-9	[M+H] ⁺	253.0309	253.0303	-2.4	126.0107	D 组
282	Thiamethoxam	噻虫嗪	5.66	$C_8H_{10}ClN_5O_3S$	153719-23-4	[M+H] ⁺	292.0266	292.0265	-0.1	211.0655	D 组
283	Thiencarbazone-Methyl	噻酮磺隆	9.91	$C_{12}H_{14}N_4O_7S_2$	317815-83-1	[M+H] ⁺	391.0377	391.0378	0.2	130.0618	D 组
284	Thifensulfuron-methyl	噻吩磺隆	11.07	$C_{12}H_{13}N_5O_6S_2$	79277-27-3	[M+H] ⁺	388.038	388.0378	-0.6	167.0568	D 组
285	Thiobencarb	禾草丹	21.54	$C_{12}H_{16}ClNOS$	28249-77-6	[M+H] ⁺	258.0714	258.0704	-4.0	125.0154	D 组
286	Thiophanate-Ethyl	硫菌灵	15.27	$C_{14}H_{18}N_4O_4S_2$	23564-06-9	[M+H] ⁺	371.0842	371.0839	-0.9	151.0318	D 组
287	Thiophanate-methyl	甲基硫菌灵	11.33	$C_{12}H_{14}N_4O_4S_2$	23564-05-8	[M+H] ⁺	343.0529	343.0529	-0.1	151.0322	D 组
288	Tiocabazil	仲草丹	24.70	$C_{16}H_{25}NOS$	36756-79-3	[M+H] ⁺	280.173	280.1719	-3.7	91.0542	D 组
289	Tolclofos-methyl	甲基立枯磷	21.65	$C_9H_{11}Cl_2O_3PS$	57018-04-9	[M+H] ⁺	300.9616	300.9613	-1.1	268.9371	D 组
290	Triadimefon	三唑酮	18.16	$C_{14}H_{16}ClN_3O_2$	43121-43-3	[M+H] ⁺	294.1004	294.1003	-0.3	197.0741	D 组
291	Triallate	野麦畏	24.40	$C_{10}H_{16}Cl_3NOS$	2303-17-5	[M+H] ⁺	304.0091	304.008	-3.6	142.9225	D 组

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292	Triapenthenol	抑芽唑	20.17	C ₁₅ H ₂₅ N ₃ O	76608-88-3	[M+H] ⁺	264.207	264.1980	-3.4	70.0400	D 组
293	Triazophos	三唑磷	18.50	C ₁₂ H ₁₆ N ₃ O ₃ PS	24017-47-8	[M+H] ⁺	314.0723	314.0723	0.2	162.0652	D 组
294	Tributyl phosphate	磷酸三丁酯	22.69	C ₁₂ H ₂₇ O ₄ P	126-73-8	[M+H] ⁺	267.172	267.1618	-3.8	98.9834	D 组
295	Trichlorfon	敌百虫	7.44	C ₄ H ₈ Cl ₃ O ₄ P	52-68-6	[M+H] ⁺	256.9299	256.9303	1.6	109.0054	D 组
296	Tricyclazole	三环唑	9.10	C ₉ H ₇ N ₃ S	41814-78-2	[M+H] ⁺	190.0433	190.0433	-0.2	136.0215	D 组
297	Tridemorph	十三吗啉	20.03	C ₁₉ H ₃₉ NO	81412-43-3	[M+H] ⁺	298.3104	298.3102	-0.9	130.1235	D 组
298	Trietazine	草达津	18.97	C ₉ H ₁₆ ClN ₅	1912-26-1	[M+H] ⁺	230.1167	230.1077	-3.9	202.0862	D 组
299	Trifloxystrobin	肟菌酯	22.62	C ₂₀ H ₁₉ F ₃ N ₂ O ₄	141517-21-7	[M+H] ⁺	409.137	409.135	-4.7	186.0525	D 组
300	Triflumizole	氟菌唑	22.62	C ₁₅ H ₁₅ ClF ₃ N ₃ O	99387-89-0	[M+H] ⁺	346.0929	346.0926	-0.7	278.0569	D 组
301	Triflumuron	杀铃脲	21.56	C ₁₅ H ₁₀ ClF ₃ N ₂ O ₃	64628-44-0	[M+H] ⁺	359.0405	359.0402	-0.8	156.0217	D 组
302	Triticonazole	灭菌唑	19.16	C ₁₇ H ₂₀ ClN ₃ O	131983-72-7	[M+H] ⁺	318.1368	318.1366	-0.5	70.0405	D 组
303	Uniconazole	烯效唑	19.68	C ₁₅ H ₁₈ ClN ₃ O	83657-22-1	[M+H] ⁺	292.1211	292.121	-0.3	70.0406	D 组
304	Vamidothion	蚜灭磷	7.21	C ₈ H ₁₈ NO ₄ PS ₂	2275-23-2	[M+H] ⁺	288.0488	288.0489	0.5	118.0321	D 组
305	Vernolate	灭草敌	22.12	C ₁₀ H ₂₁ NOS	1929-77-7	[M+H] ⁺	204.1417	204.1337	-3.9	57.0704	D 组
306	Zoxamide	苯酰菌胺	21.16	C ₁₄ H ₁₆ Cl ₃ NO ₂	156052-68-5	[M+H] ⁺	336.0319	336.0314	-1.7	186.9715	D 组

粤港澳大湾区高品质食品标准
(征求意见稿)

T/GBAS 2202-2021

附录 D

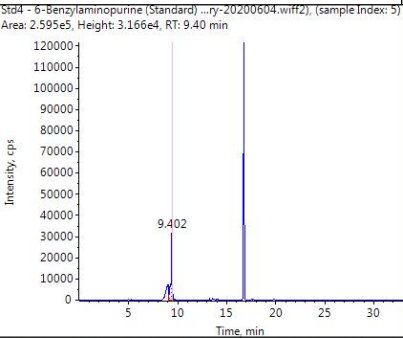
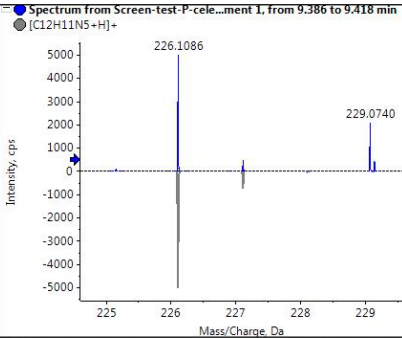
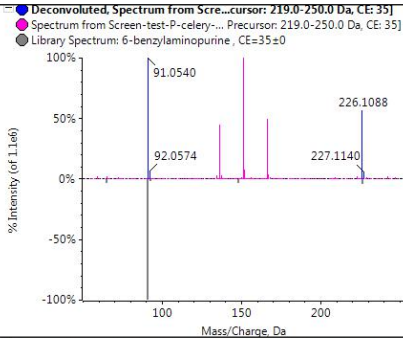
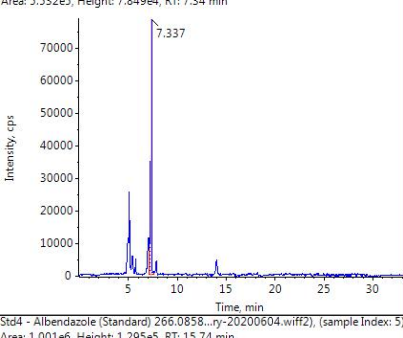
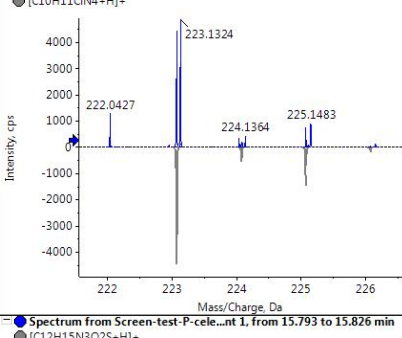
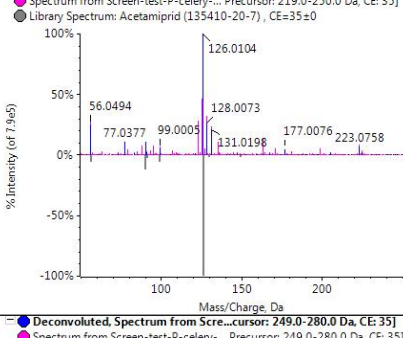
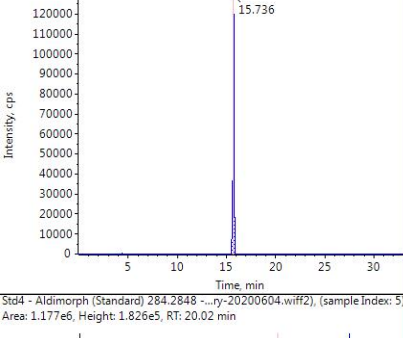
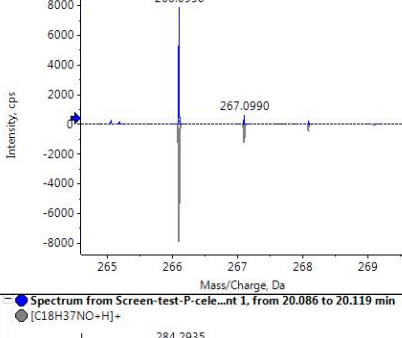
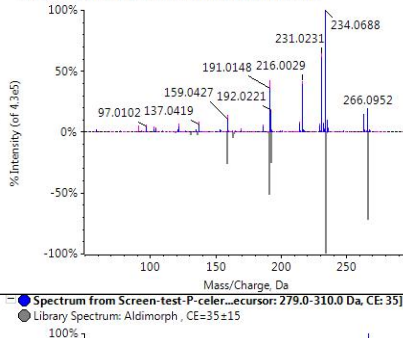
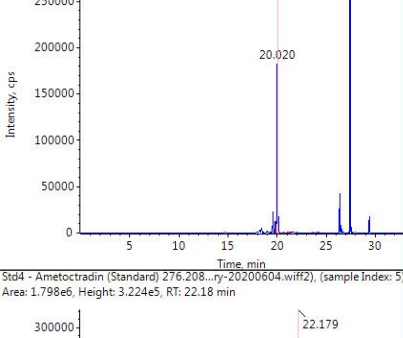
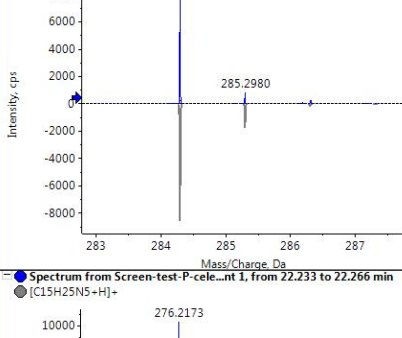
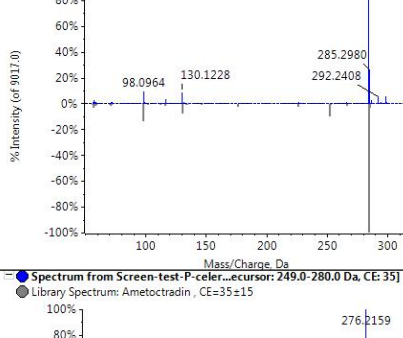
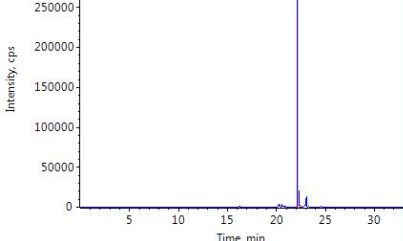
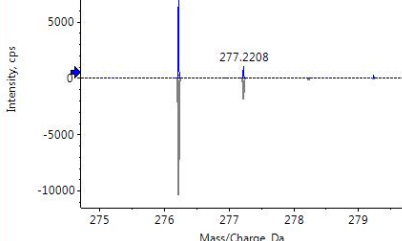
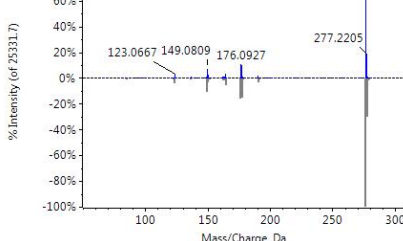
(资料性)

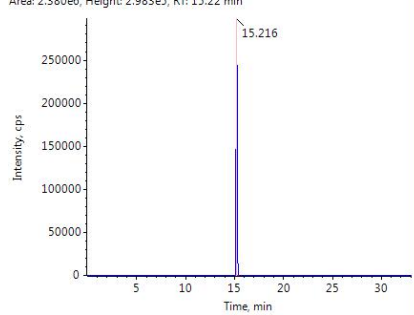
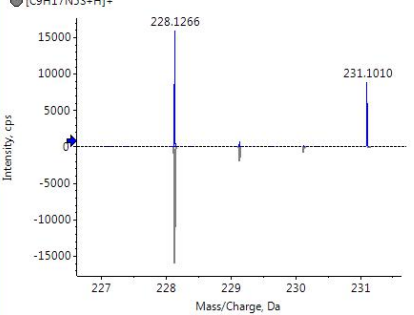
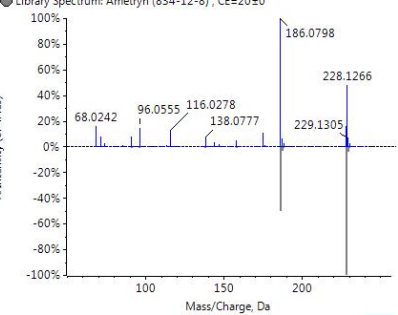
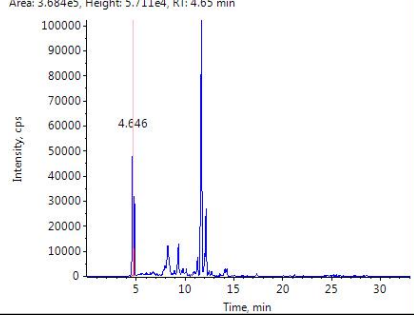
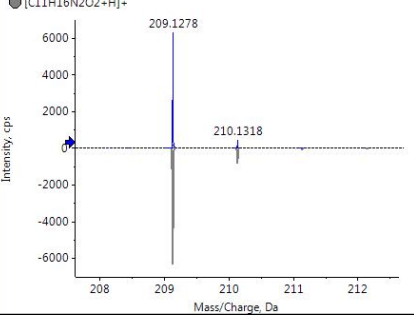
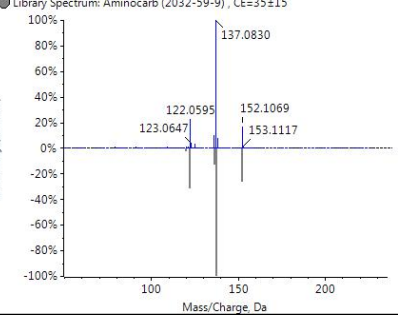
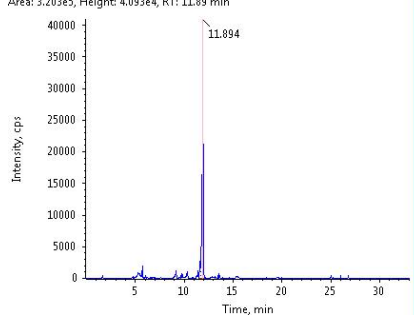
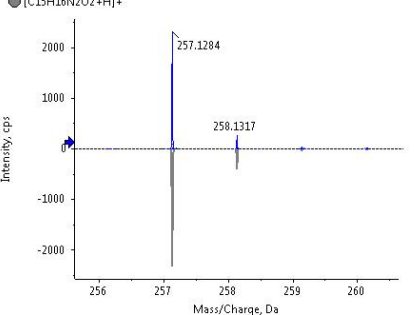
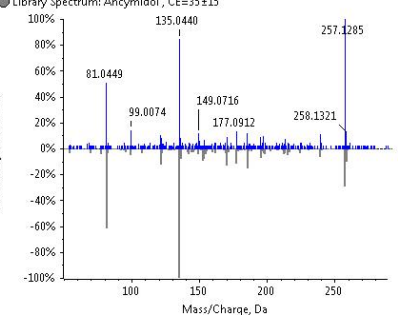
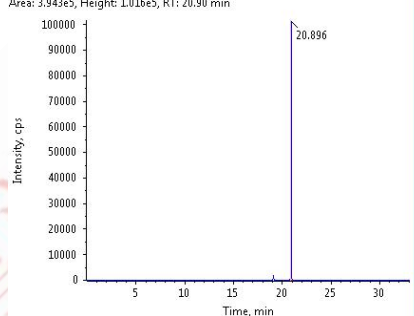
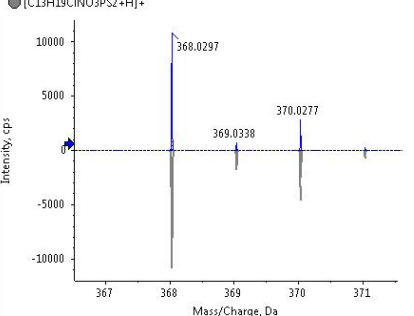
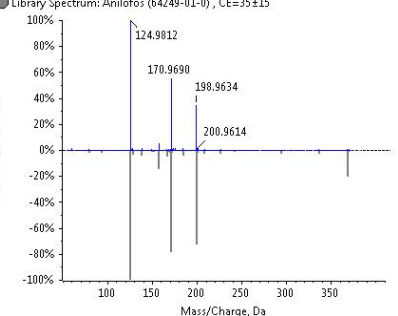
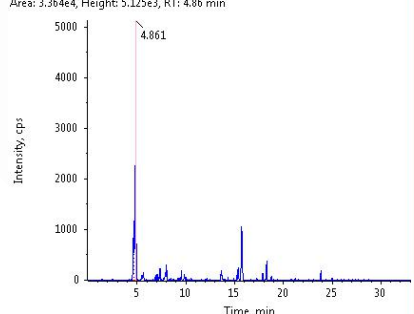
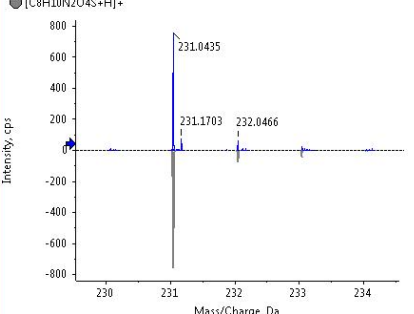
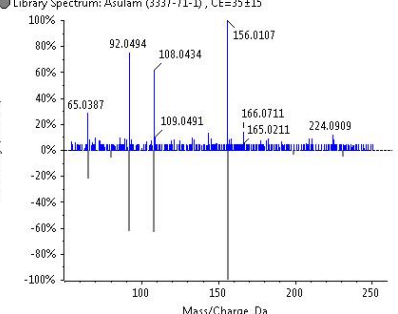
306 种化合物的一级、二级色谱图

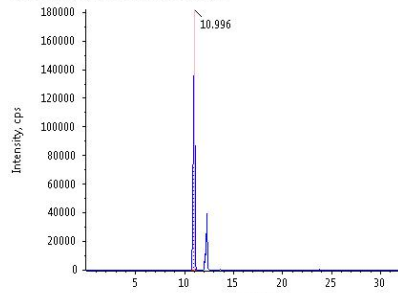
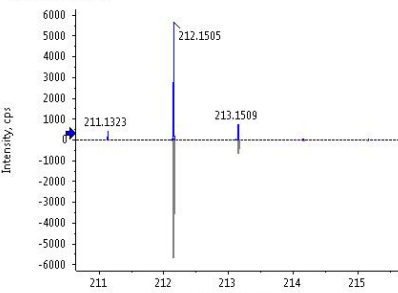
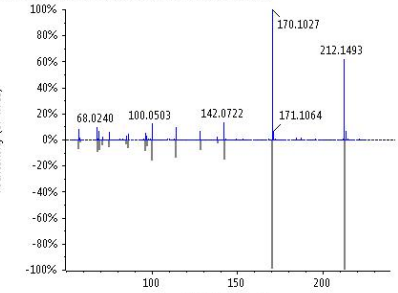
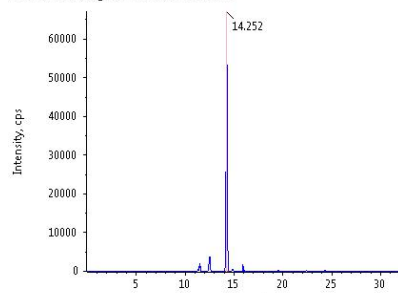
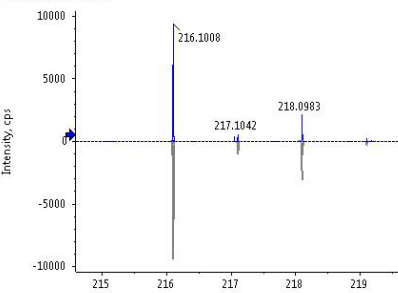
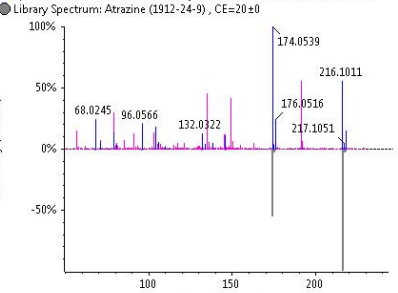
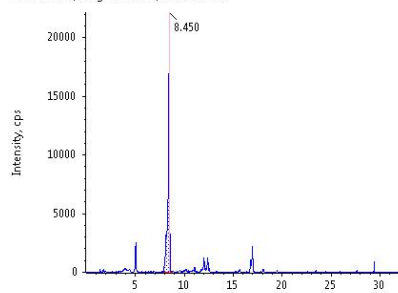
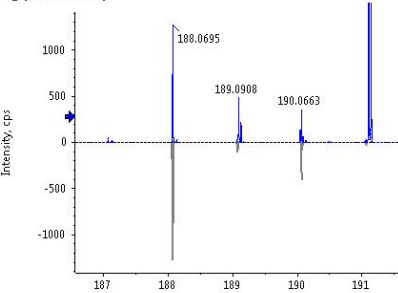
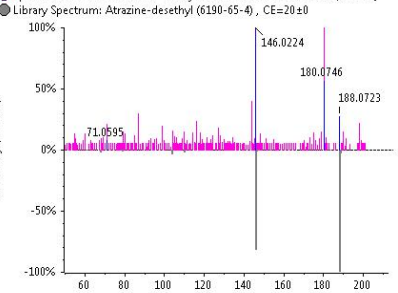
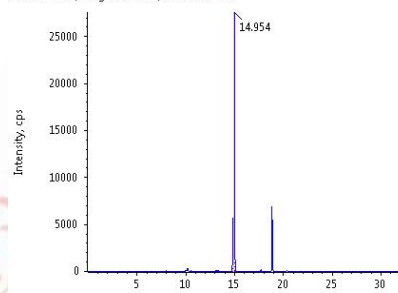
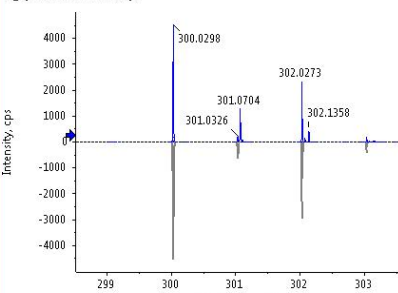
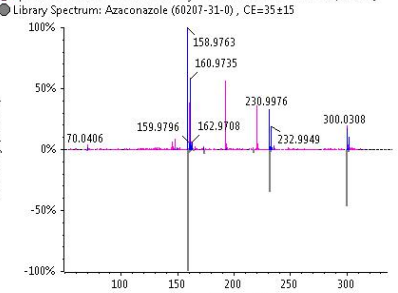
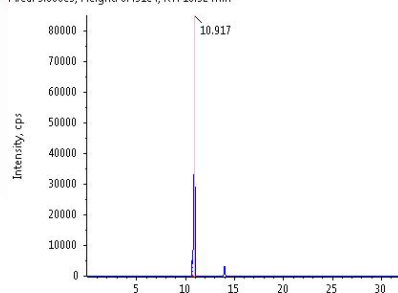
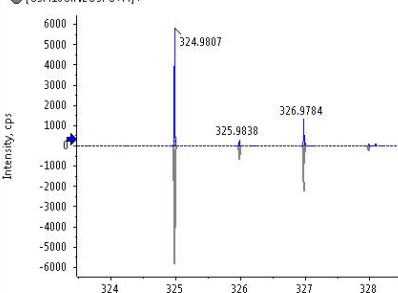
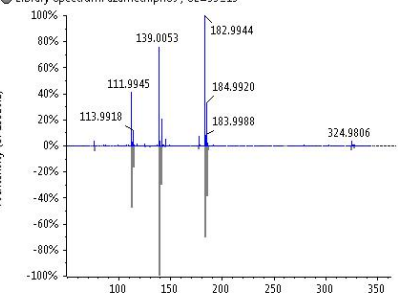
306 种化合物的一级、二级色谱图如表 D.1 所示。

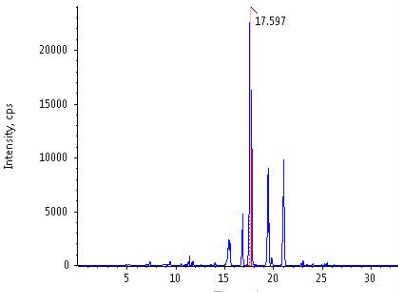
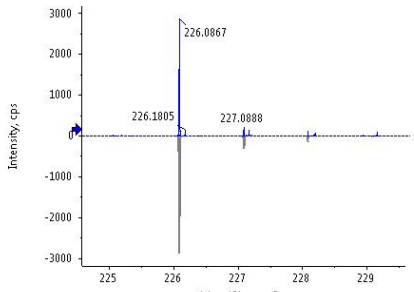
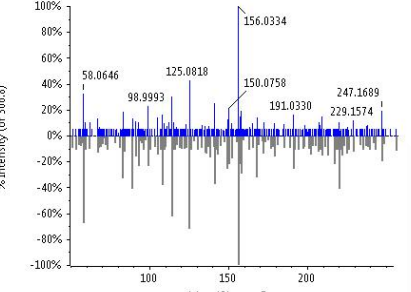
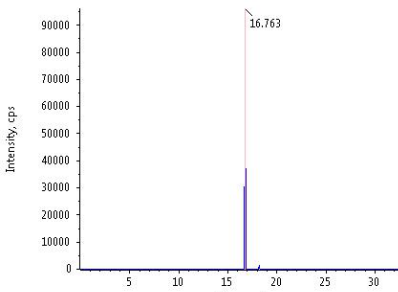
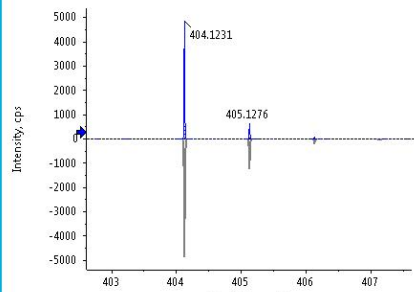
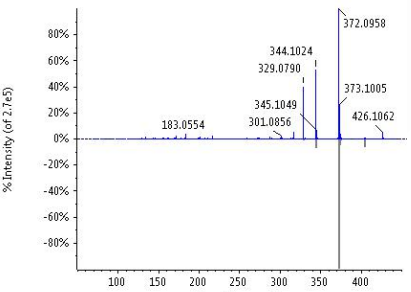
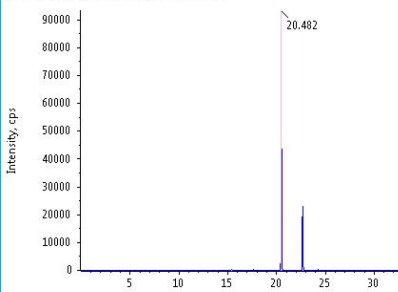
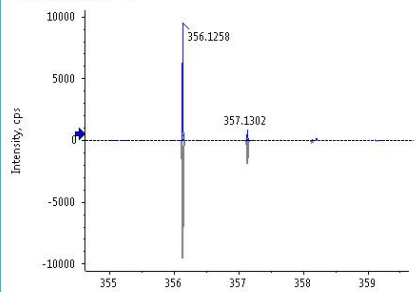
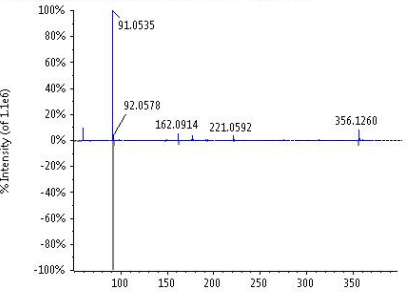
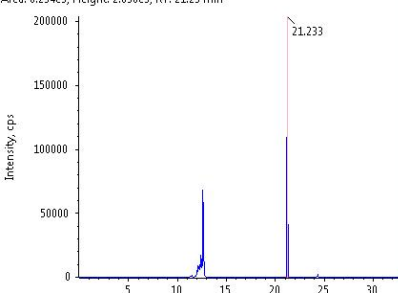
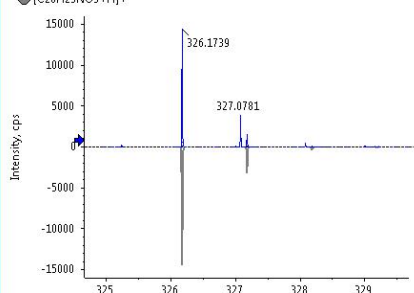
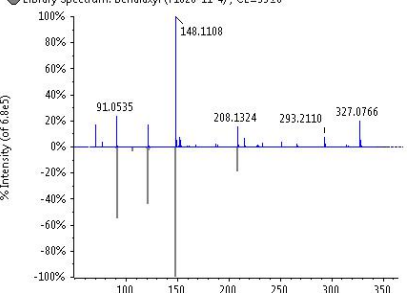
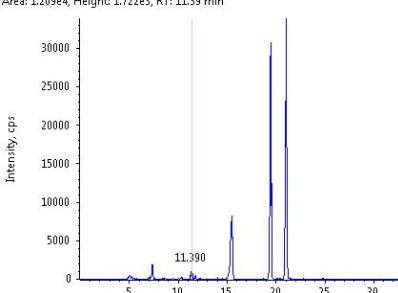
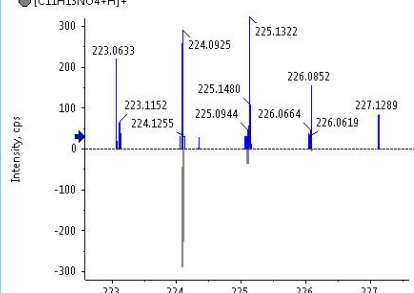
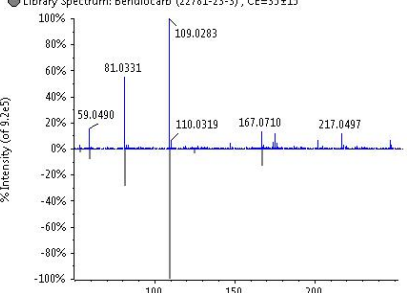
表D.1 306种化合物的一级、二级色谱图

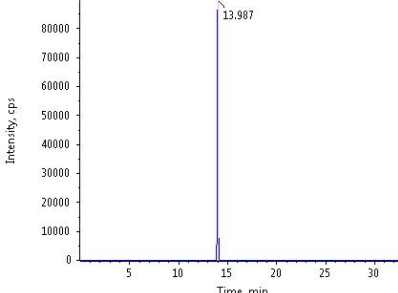
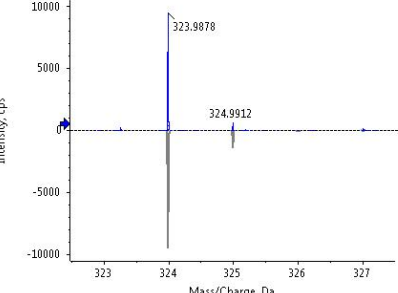
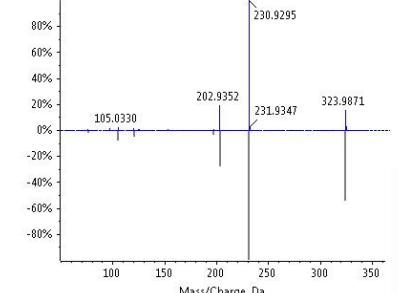
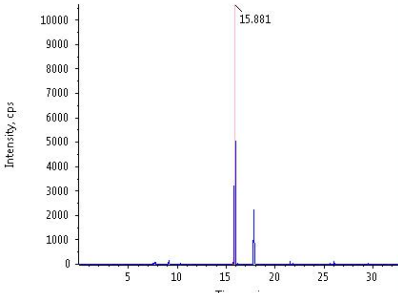
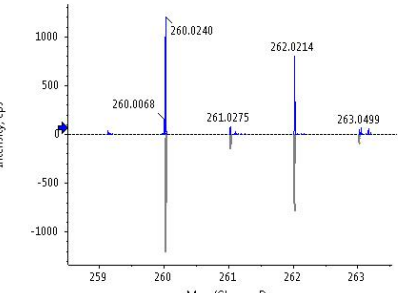
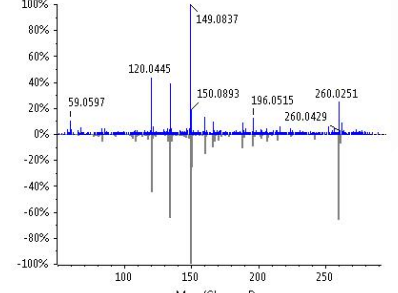
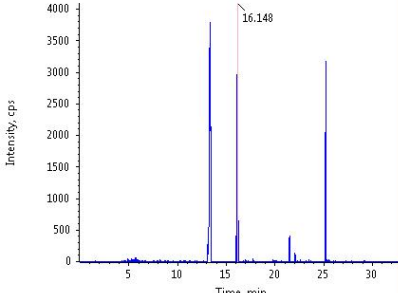
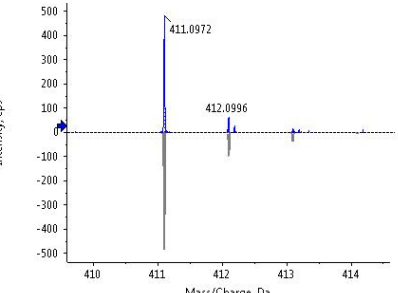
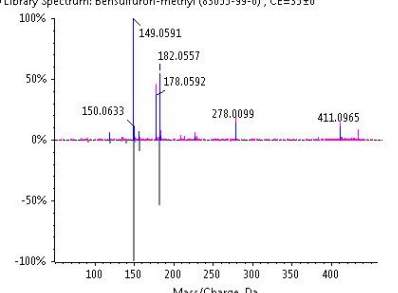
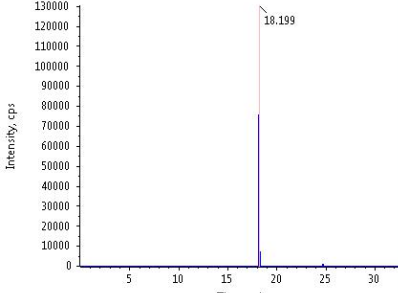
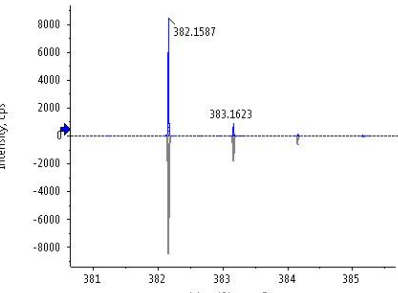
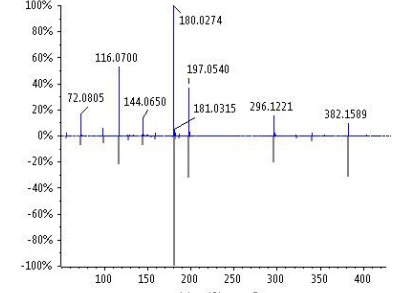
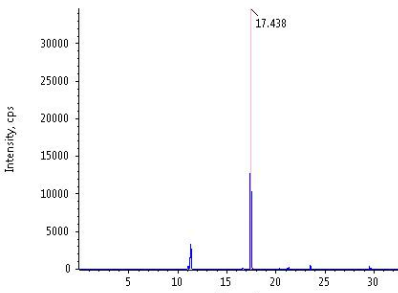
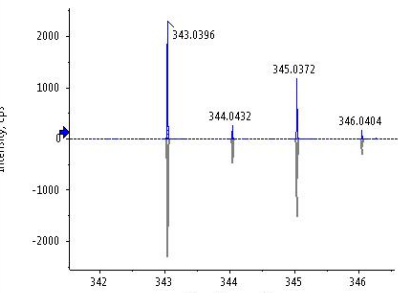
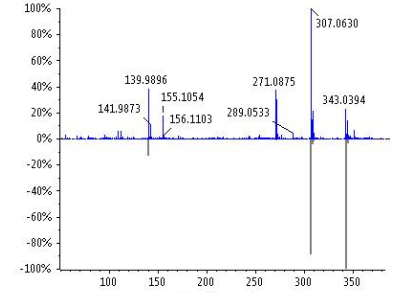
序号	化合物	一级图谱	二级图谱
1	双苯基脲		
2	萘乙酰胺		
3	2,6-二氯苯甲酰胺		
4	3,4,5-混杀威		

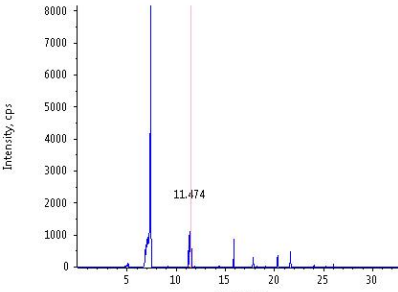
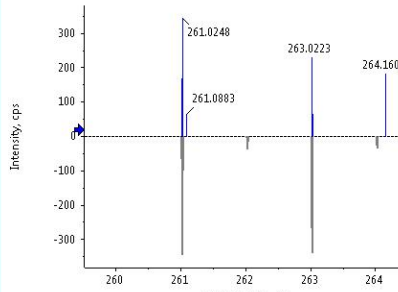
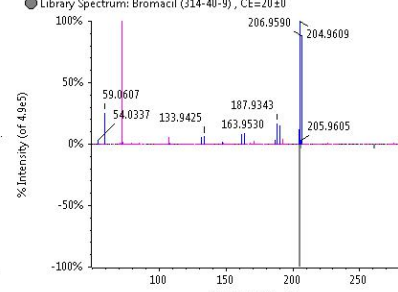
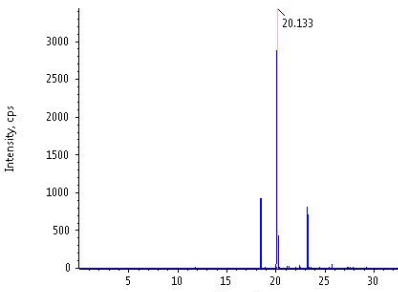
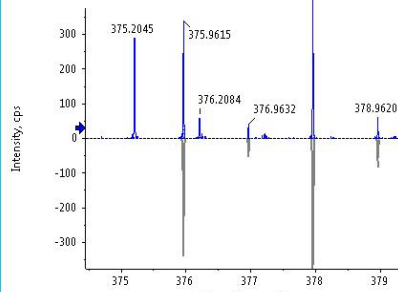
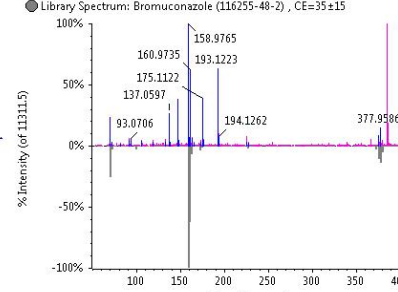
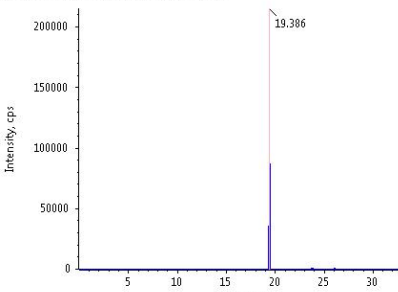
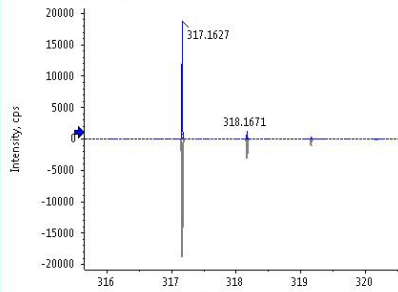
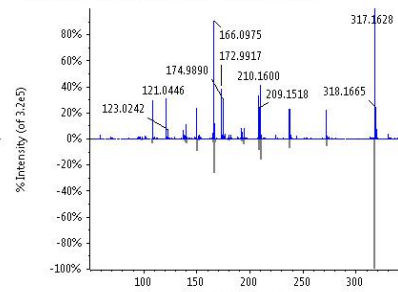
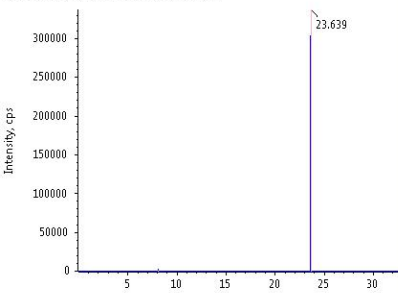
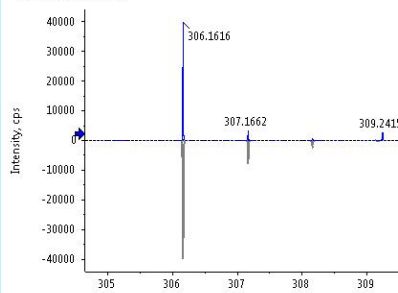
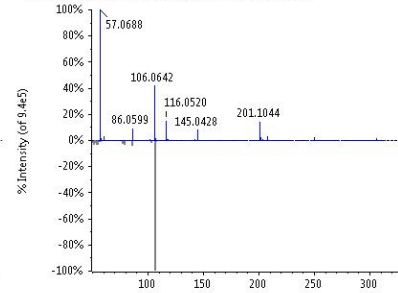
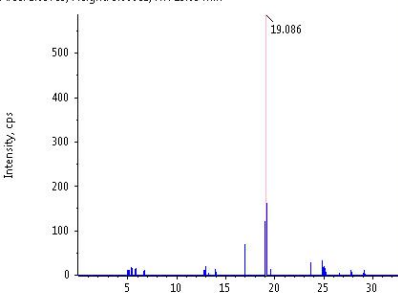
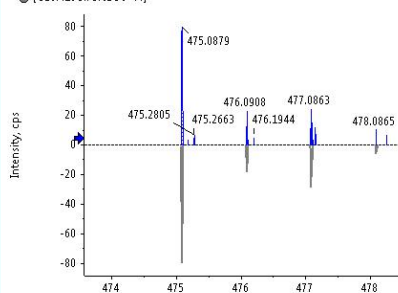
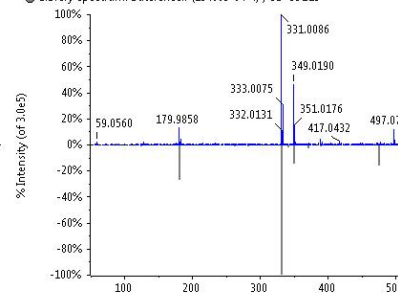
序号	化合物	一级图谱	二级图谱
5	6-苄基嘌呤	Std4 - 6-Benzylaminopurine (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 2.595e5, Height: 3.166e4, RT: 9.40 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...ment 1, from 9.386 to 9.418 min ● [C12H11N5+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: 6-benzylaminopurine, CE=35±0  
6	啉虫脒	Std4 - Acetamiprid (Standard) 223.0645...ry-20200604.wiff2), (sample Index: 5) Area: 5.532e5, Height: 7.849e4, RT: 7.34 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...ment 1, from 7.369 to 7.402 min ● [C10H11ClN4+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Acetamiprid (135410-20-7), CE=35±0  
7	丙硫多菌灵	Std4 - Albendazole (Standard) 266.0858...ry-20200604.wiff2), (sample Index: 5) Area: 1.001e6, Height: 1.295e5, RT: 15.74 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 15.793 to 15.826 min ● [C12H15N3O2S+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Albendazole (54965-21-8), CE=35±15  
8	4-十二烷基-2,6-二甲基吗啉	Std4 - Aldimorph (Standard) 284.2848...ry-20200604.wiff2), (sample Index: 5) Area: 1.177e6, Height: 1.826e5, RT: 20.02 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 20.086 to 20.119 min ● [C18H37NO+H]⁺ ● Spectrum from Screen-test-P-celery...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Aldimorph, CE=35±15  
9	唑啉菌胺	Std4 - Ametoctradin (Standard) 276.208...ry-20200604.wiff2), (sample Index: 5) Area: 1.798e6, Height: 3.224e5, RT: 22.18 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 22.233 to 22.266 min ● [C15H25N5+H]⁺ ● Spectrum from Screen-test-P-celery...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Ametoctradin, CE=35±15  

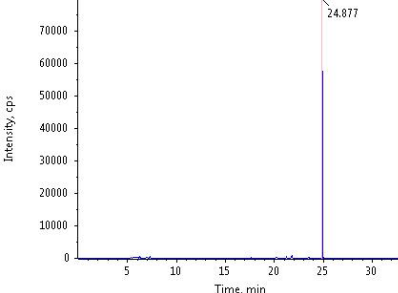
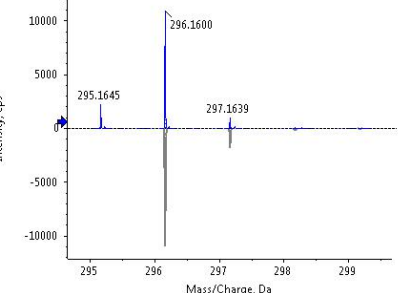
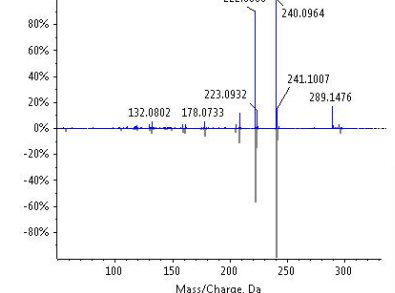
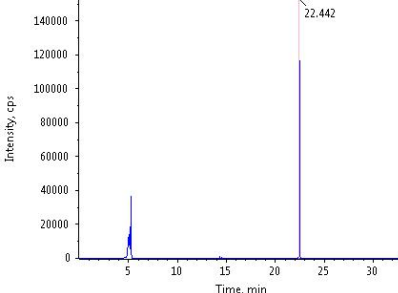
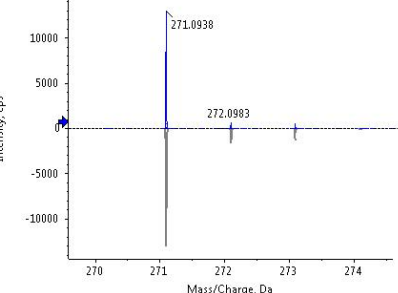
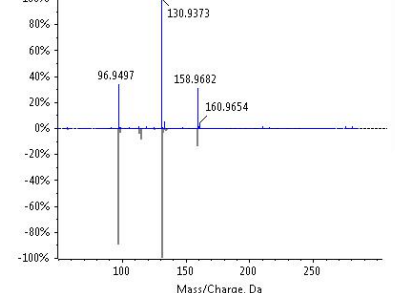
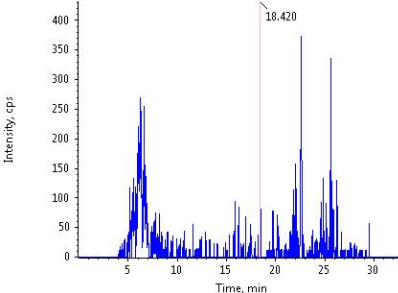
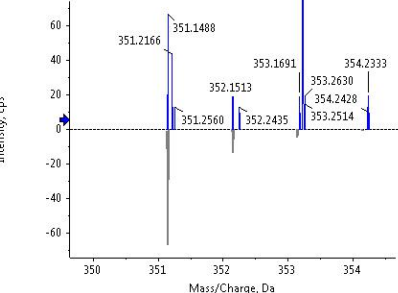
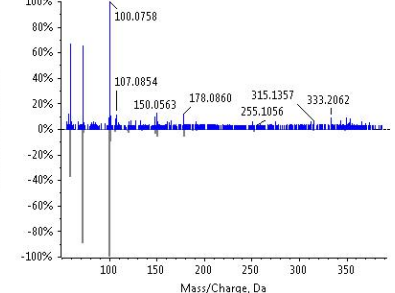
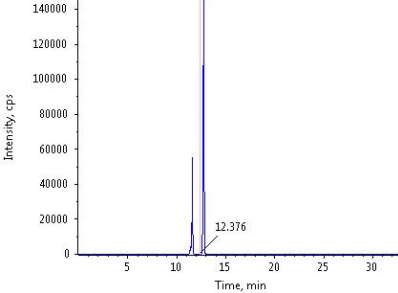
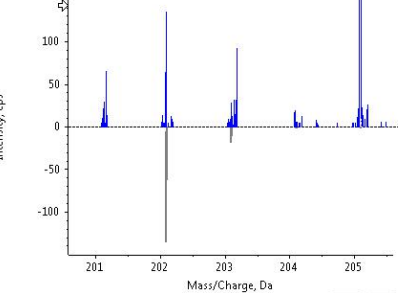
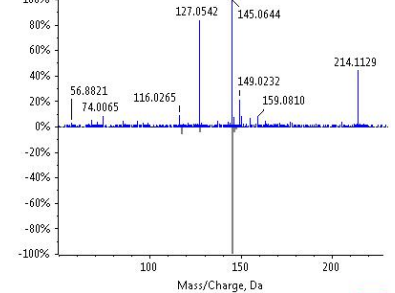
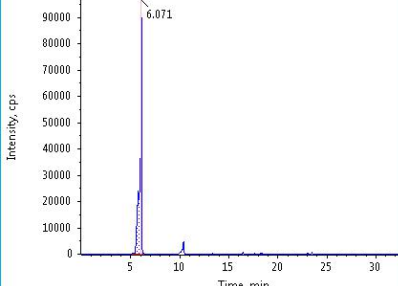
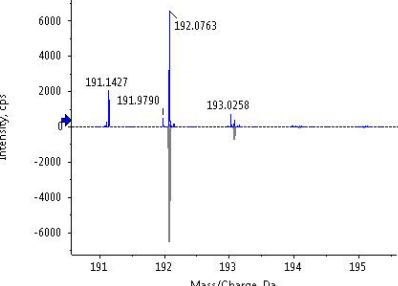
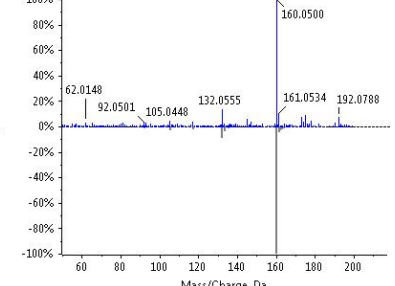
序号	化合物	一级图谱	二级图谱
10	莠灭净	Std4 - Ametryn (Standard) 228.1177 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 2.380e6, Height: 2.983e5, RT: 15.22 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.289 to 15.322 min ● [C9H17N5S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Ametryn (834-12-8), CE=20±0</p> 
11	灭害威	Std4 - Aminocarb (Standard) 209.1185 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.684e5, Height: 5.711e4, RT: 4.65 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.670 to 4.702 min ● [C11H16N2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Aminocarb (2032-59-9), CE=35±15</p> 
12	环丙嘧啶醇	Std4 - Ancymidol (Standard) 257.1185 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.203e5, Height: 4.093e4, RT: 11.89 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.939 to 11.972 min ● [C15H16N2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Ancymidol, CE=35±15</p> 
13	莎稗磷	Std4 - Anilofos (Standard) 368.0205 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.943e5, Height: 1.016e5, RT: 20.90 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.851 to 20.883 min ● [C13H19ClNO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Anilofos (64249-01-0), CE=35±15</p> 
14	磺草灵	Std4 - Asulam (Standard) 231.0334 - 23...ry-20200604.wiff2), (sample Index: 5) Area: 3.364e4, Height: 5.125e3, RT: 4.86 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.849 to 4.881 min ● [C8H10N2O4S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Asulam (3337-71-1), CE=35±15</p> 

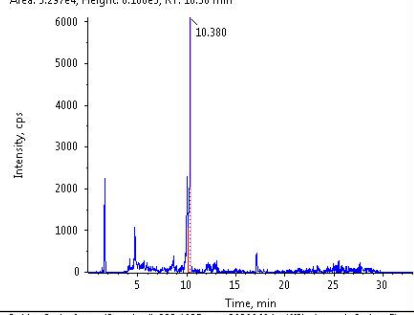
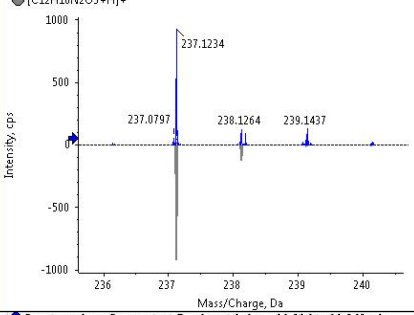
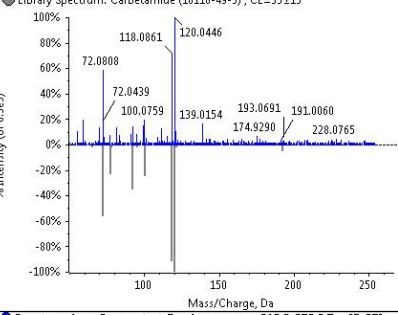
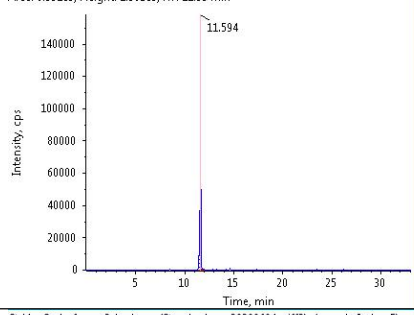
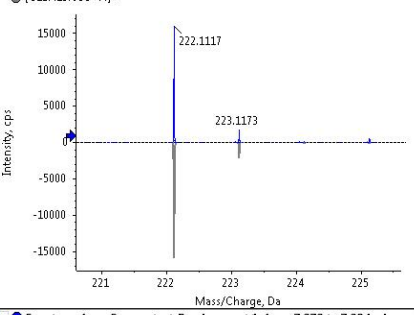
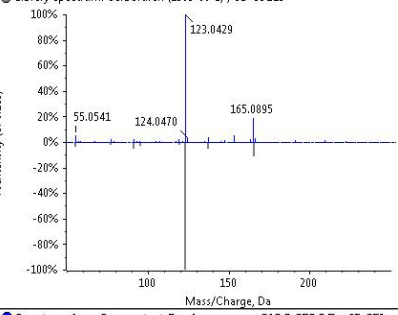
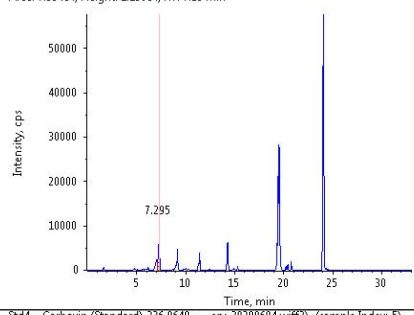
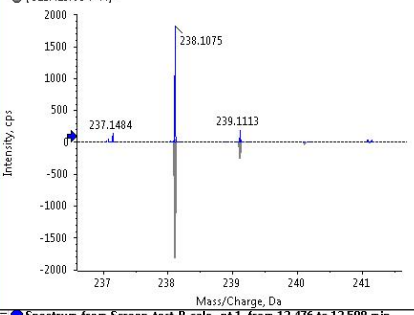
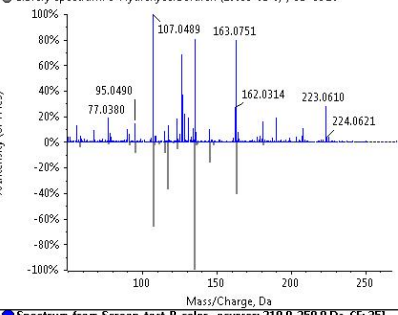
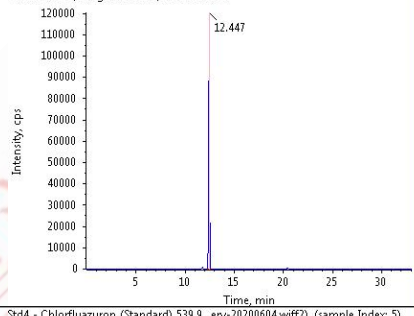
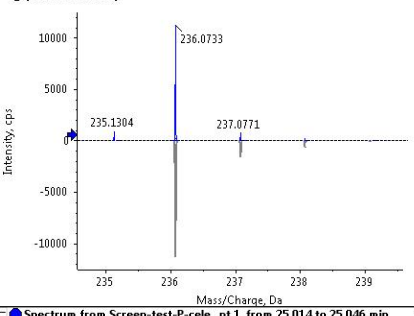
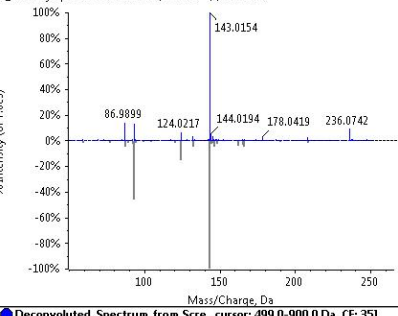
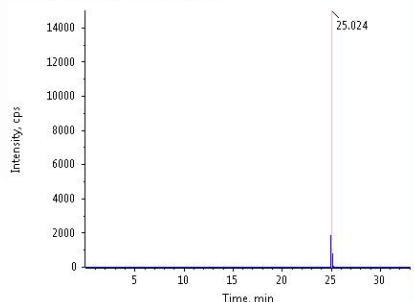
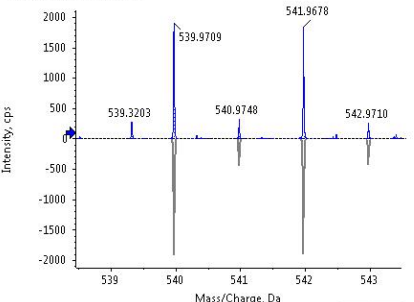
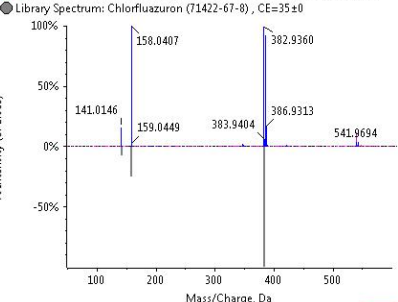
序号	化合物	一级图谱	二级图谱
15	莠去通	Std4 - Atraton (Standard) 212.1406 - 2...ery-20200604.wiff2), (sample Index: 5) Area: 1.919e6, Height: 1.818e5, RT: 11.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.077 to 11.110 min ● [C9H17N5O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Atraton (1610-17-9), CE=35±15</p> 
16	莠去津	Std4 - Atrazine (Standard) 216.0910 - ...ery-20200604.wiff2), (sample Index: 5) Area: 5.131e5, Height: 6.710e4, RT: 14.25 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.265 to 14.297 min ● [C8H14ClN5+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Atrazine (1912-24-9), CE=20±0</p> 
17	去乙基阿特拉津	Std4 - Atrazine-desethyl (Standard) 18...ery-20200604.wiff2), (sample Index: 5) Area: 2.172e5, Height: 2.212e4, RT: 8.45 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.492 to 8.524 min ● [C6H10ClN5+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Atrazine-desethyl (6190-65-4), CE=20±0</p> 
18	氧环唑	Std4 - Azaconazole (Standard) 300.020...ry-20200604.wiff2), (sample Index: 5) Area: 1.832e5, Height: 2.757e4, RT: 14.95 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.931 to 14.964 min ● [C12H11Cl2N3O2+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Azaconazole (60207-31-0), CE=35±15</p> 
19	甲基吡噁磷	Std4 - Azamethiphos (Standard) 324.97...ry-20200604.wiff2), (sample Index: 5) Area: 5.660e5, Height: 8.491e4, RT: 10.92 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 10.947 to 10.980 min ● [C9H10ClN2O5PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: azamethiphos, CE=35±15</p> 

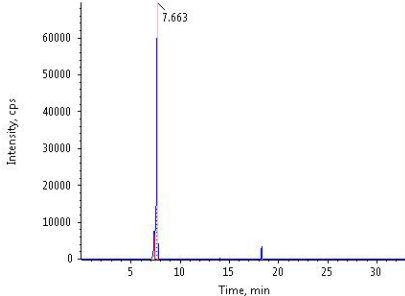
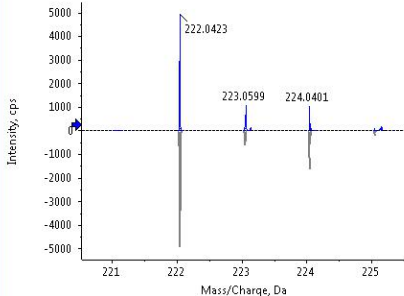
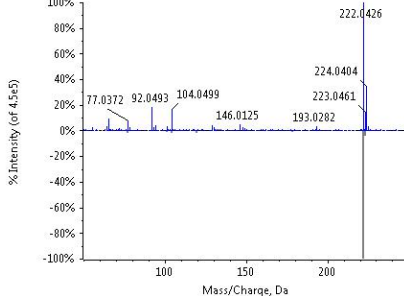
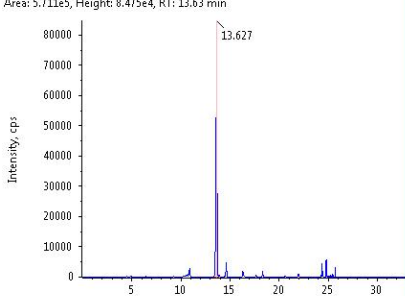
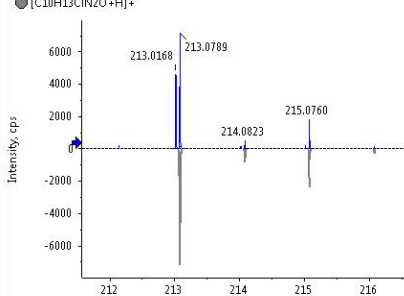
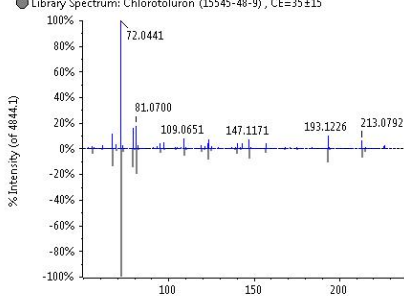
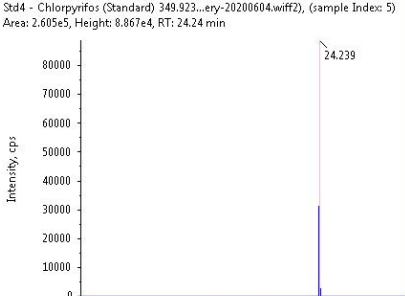
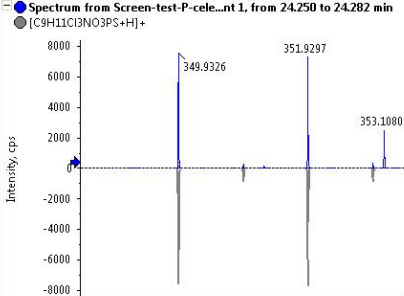
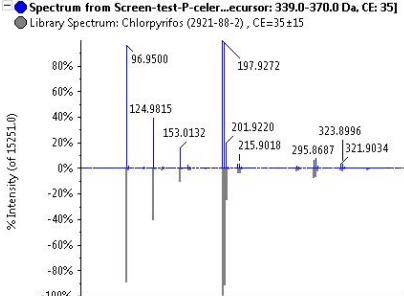
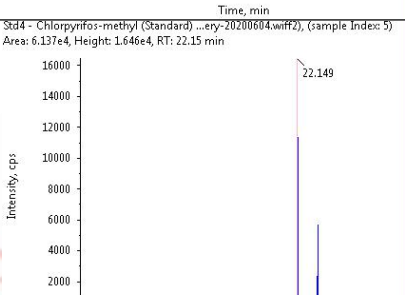
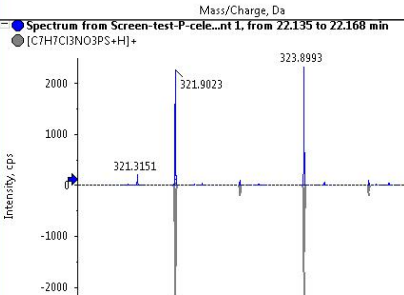
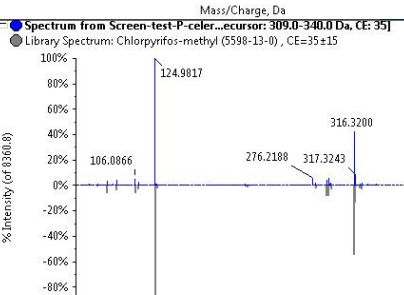
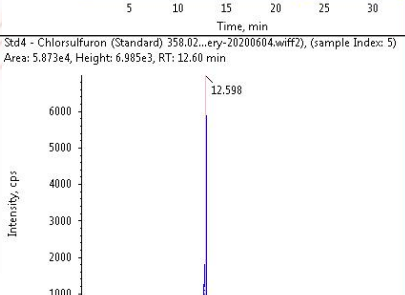
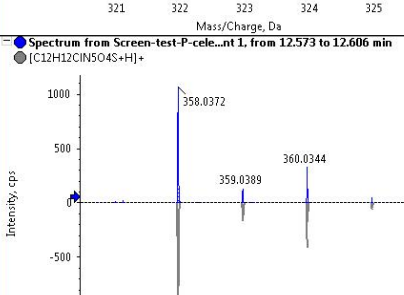
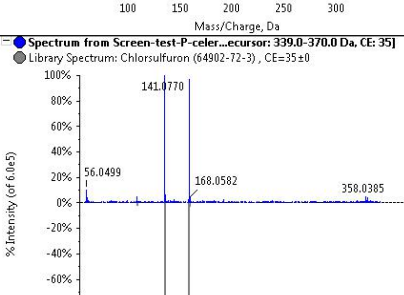
序号	化合物	一级图谱	二级图谱
20	叠氮津	Std4 - Azinprotryne (Standard) 226.0769...ry-20200604.wiff2), (sample Index: 5) Area: 1.910e5, Height: 2.408e4, RT: 17.60 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.598 to 17.631 min ● [C7H11N7S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Azinprotryne, CE=35±15</p> 
21	啞菌酯	Std4 - Azoxystrobin (Standard) 404.114...ry-20200604.wiff2), (sample Index: 5) Area: 4.708e5, Height: 9.610e4, RT: 16.76 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.688 to 16.720 min ● [C22H17N3O5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Azoxystrobin (131860-33-8), CE=20±0</p> 
22	氟丁酰草胺	Std4 - Beflubenbutamid (Standard) 356.116...ry-20200604.wiff2), (sample Index: 5) Area: 3.621e5, Height: 9.327e4, RT: 20.48 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.444 to 20.477 min ● [C18H17F4NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-370.0 Da, CE: 35] ● Library Spectrum: Beflubenbutamid (113614-08-7), CE=35±15</p> 
23	苯霜灵	Std4 - Benalaxyl (Standard) 326.1651...ry-20200604.wiff2), (sample Index: 5) Area: 8.254e5, Height: 2.038e5, RT: 21.23 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.176 to 21.208 min ● [C20H23NO3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Benalaxyl (71626-11-4), CE=35±0</p> 
24	噁虫威	Std4 - Bendiocarb (Standard) 224.0817...ry-20200604.wiff2), (sample Index: 5) Area: 1.209e4, Height: 1.722e3, RT: 11.39 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.370 to 11.402 min ● [C11H13NO4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Bendiocarb (22781-23-3), CE=35±15</p> 

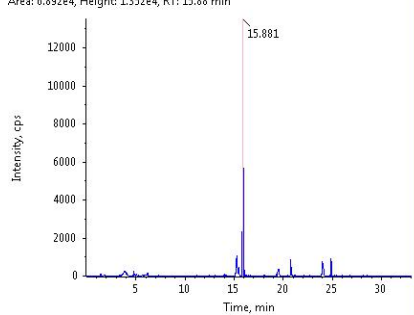
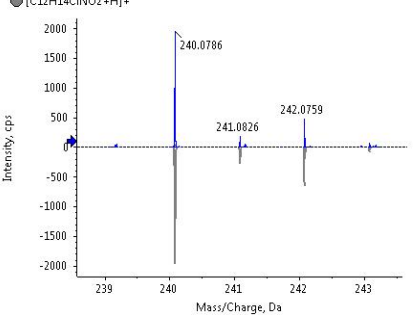
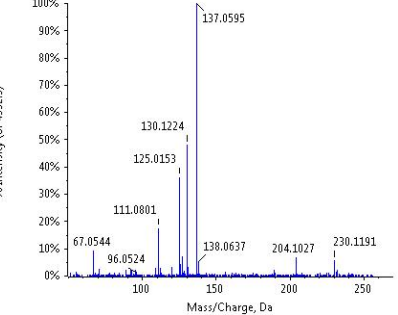
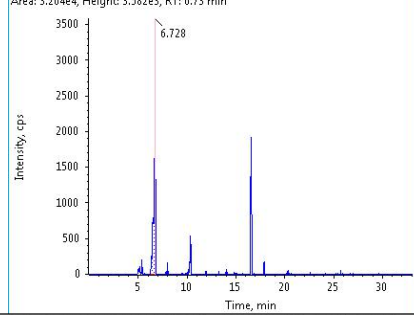
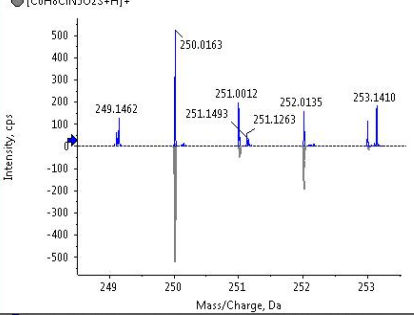
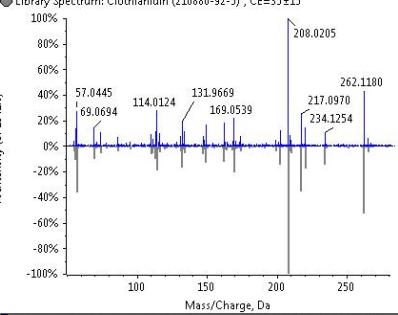
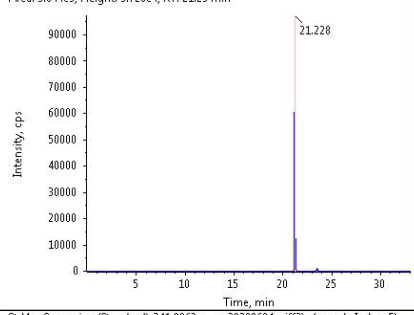
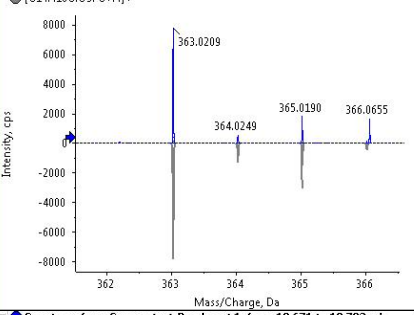
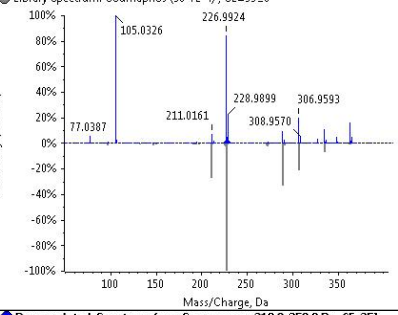
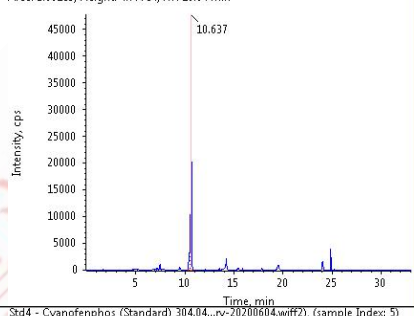
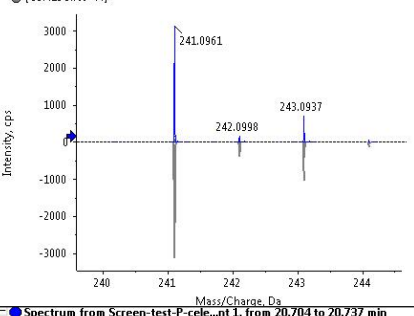
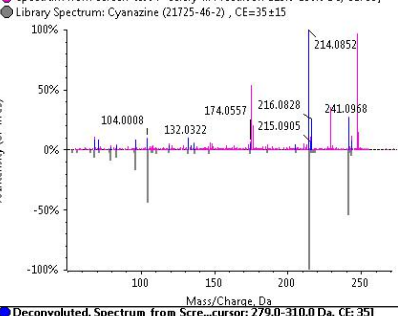
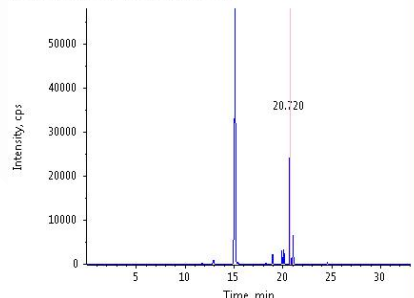
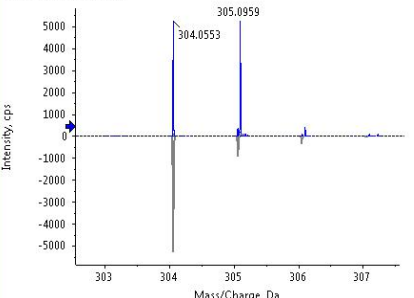
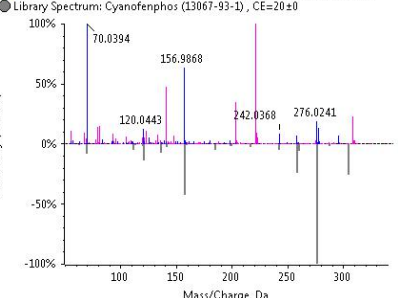
序号	化合物	一级图谱	二级图谱
25	麦锈灵	Std4 - Benodanil (Standard) 323.9780 - ...ry-20200604.wiff2), (sample Index: 5) Area: 4.721e5, Height: 8.970e4, RT: 13.99 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.004 to 14.037 min ● [C13H10INO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Benodanil (15310-01-7), CE=35±15</p> 
26	解草啉	Std4 - Benoxacor (Standard) 260.0140 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.456e4, Height: 1.064e4, RT: 15.88 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.891 to 15.923 min ● [C11H10Cl2NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Benoxacor (98730-04-2), CE=35±15</p> 
27	苄嘧磺隆	Std4 - Bensulfuron-methyl (Standard) 4...ry-20200604.wiff2), (sample Index: 5) Area: 2.214e4, Height: 4.092e3, RT: 16.15 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.151 to 16.183 min ● [C16H18N4O7S+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Bensulfuron-methyl (83055-99-6), CE=35±0</p> 
28	苯噻菌胺	Std4 - Benthialcarb-isopropyl (Stan...ry-20200604.wiff2), (sample Index: 5) Area: 6.355e5, Height: 1.303e5, RT: 18.20 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.135 to 18.167 min ● [C18H24FN3O3S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Benthialcarb-isopropyl (177406-68-7), CE=35±15</p> 
29	啉酰菌胺	Std4 - Boscalid (Standard) 343.0299 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.710e5, Height: 3.464e4, RT: 17.44 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.468 to 17.501 min ● [C18H12Cl2N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Boscalid (188425-85-6), CE=20±0</p> 

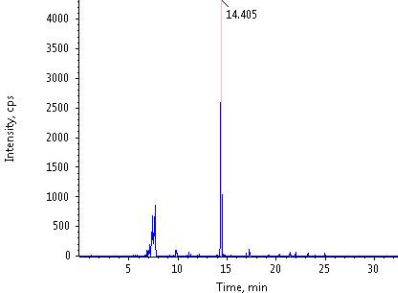
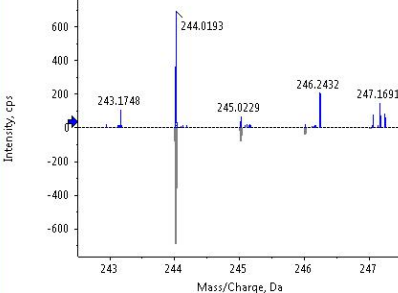
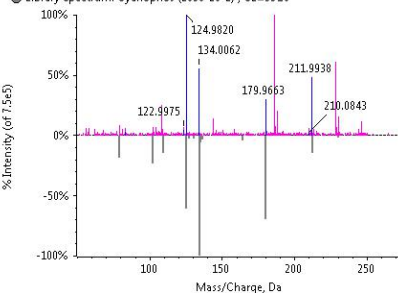
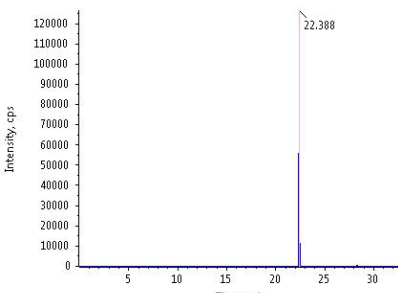
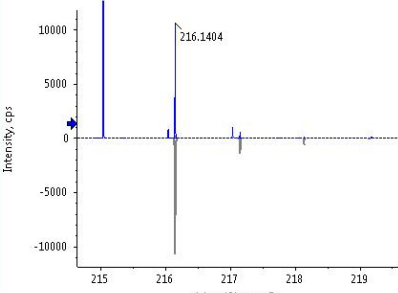
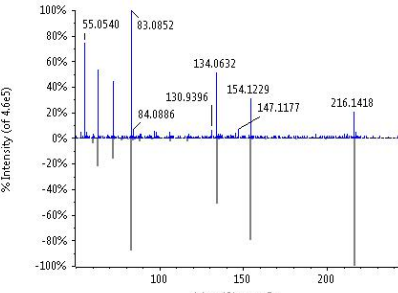
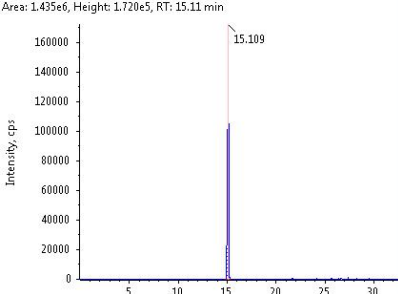
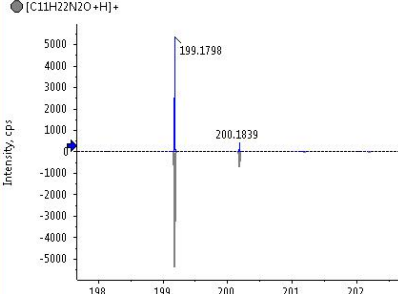
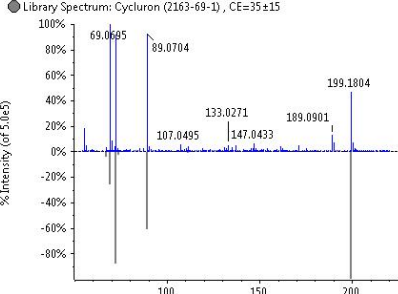
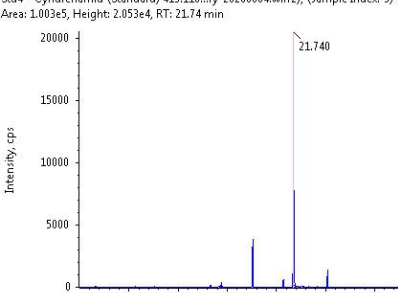
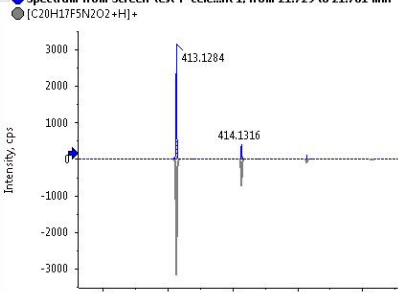
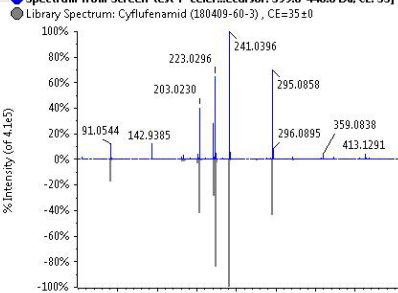
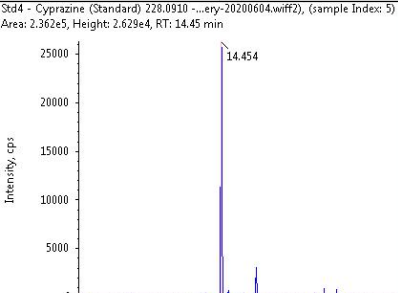
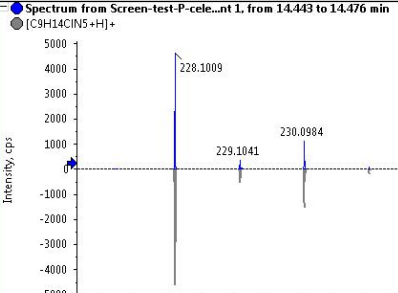
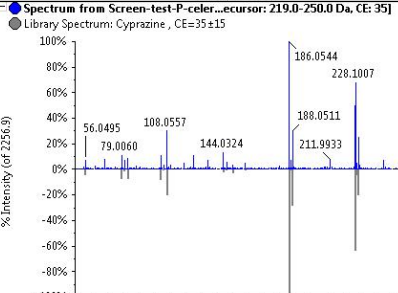
序号	化合物	一级图谱	二级图谱
30	除草定	<p>Std4 - Bromacil (Standard) 261.0133 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.726e4, Height: 2.007e3, RT: 11.47 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.467 to 11.500 min ● [C9H13BrN2O2+H]⁺</p>  <p>● Deconvoluted Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Bromacil (314-40-9), CE=20±0</p> 
31	糠菌唑	<p>Std4 - Bromuconazole (Standard) 375.9133 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.810e4, Height: 3.437e3, RT: 20.13 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.151 to 20.184 min ● [C13H12BrCl2N3O+H]⁺</p>  <p>● Deconvoluted Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Bromuconazole (116255-48-2), CE=35±15</p> 
32	乙嘧磺酯	<p>Std4 - Bupirimate (Standard) 317.1542 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.038e6, Height: 2.150e5, RT: 19.39 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.420 to 19.452 min ● [C13H24N4O3S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Bupirimate (41483-43-6), CE=35±15</p> 
33	噻嗪酮	<p>Std4 - Buprofezin (Standard) 306.1535 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.261e6, Height: 3.369e5, RT: 23.64 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.648 to 23.680 min ● [C16H23N3O5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Buprofezin (953030-84-T), CE=50±0</p> 
34	氟丙嘧草酯	<p>Std4 - Butafenacil (Standard) 475.0778 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.637e3, Height: 5.868e2, RT: 19.09 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.062 to 19.094 min ● [C20H18ClF3N2O6+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Butafenacil (134605-64-4), CE=35±15</p> 

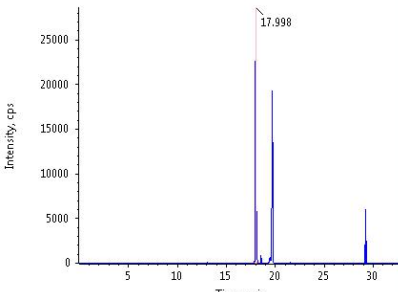
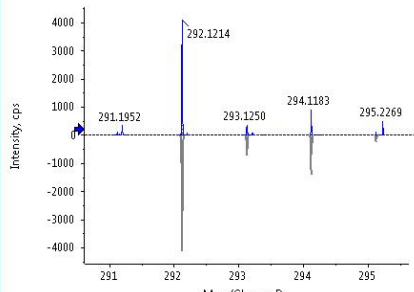
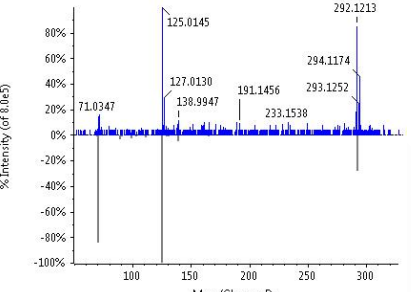
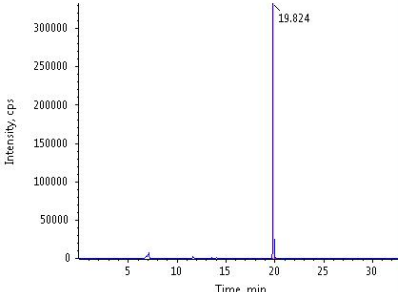
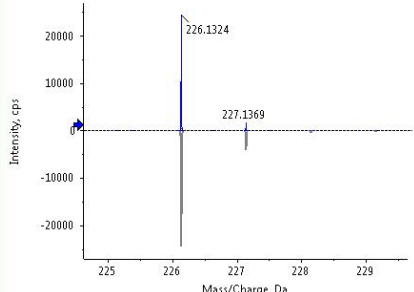
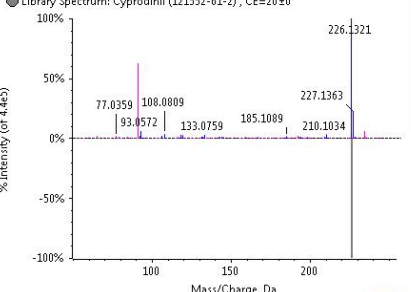
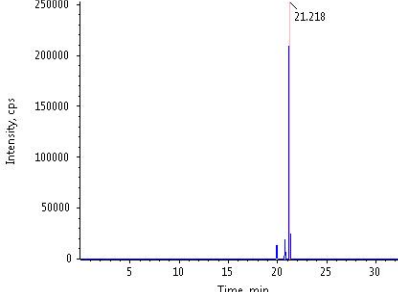
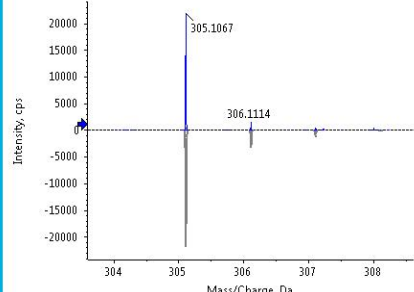
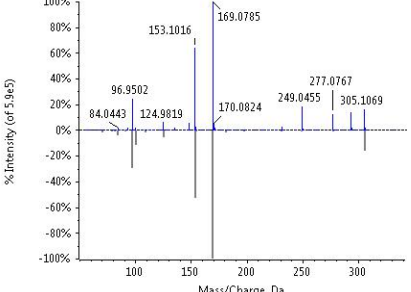
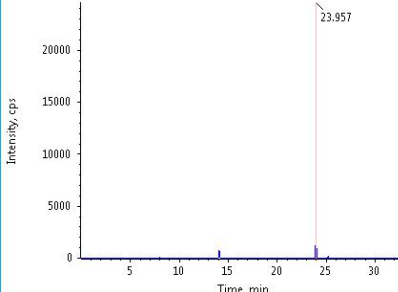
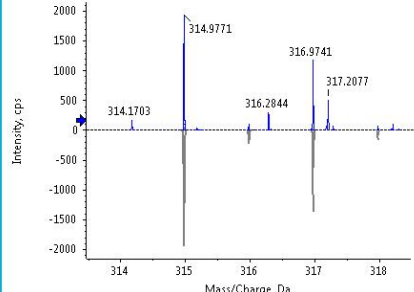
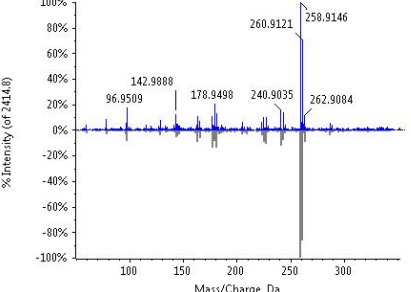
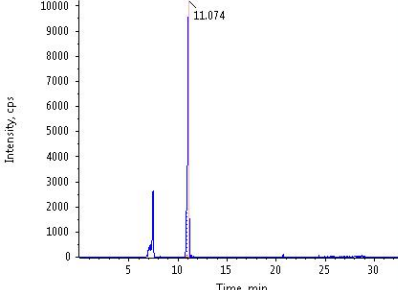
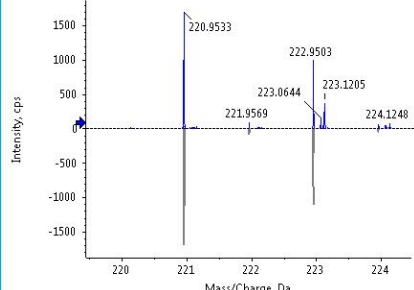
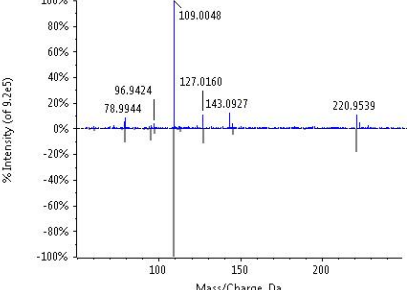
序号	化合物	一级图谱	二级图谱
35	仲丁灵	Std4 - Butralin (Standard) 296.1505 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.464e5, Height: 7.997e4, RT: 24.88 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.867 to 24.900 min ● [C14H21N3O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Butralin (33629-47-9), CE=35±15</p> 
36	硫线磷	Std4 - Cadusafos (Standard) 271.0850 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.668e5, Height: 1.531e5, RT: 22.44 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.461 to 22.493 min ● [C10H23O2PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Cadusafos (95465-99-9), CE=35±0</p> 
37	唑草胺	Std4 - Cafenstrole (Standard) 351.1385 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.087e3, Height: 4.314e2, RT: 18.42 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.411 to 18.444 min ● [C16H22N4O3S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Cafenstrole, CE=35±15</p> 
38	甲萘威	Std4 - Carbaryl (Standard) 202.0763 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.036e3, Height: 7.756e2, RT: 12.38 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.362 to 12.394 min ● [C12H11NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Carbaryl (63-25-2), CE=20±0</p> 
39	多菌灵	Std4 - Carbendazim (Standard) 192.066 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.145e6, Height: 9.680e4, RT: 6.07 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.971 to 6.003 min ● [C9H9N3O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Carbendazim (10605-21-7), CE=35±0</p> 

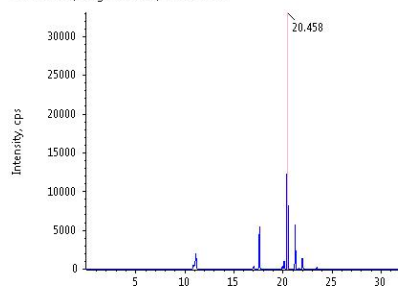
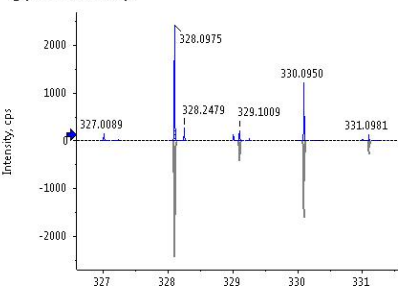
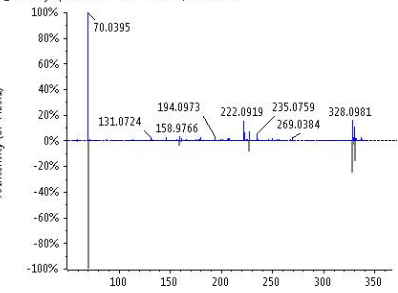
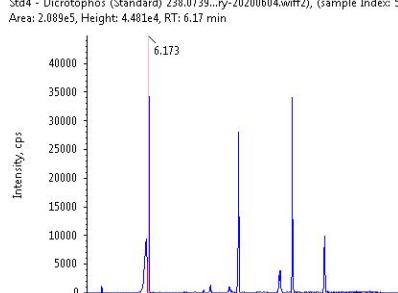
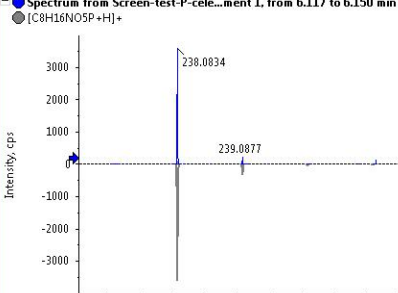
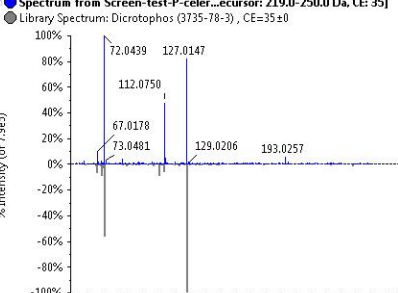
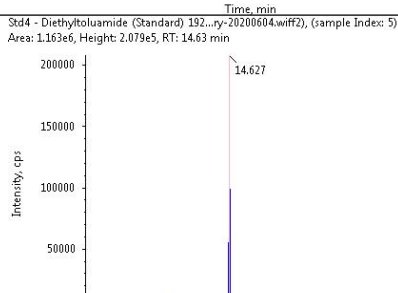
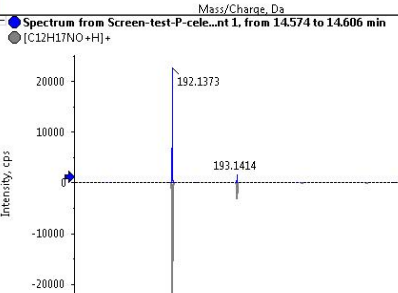
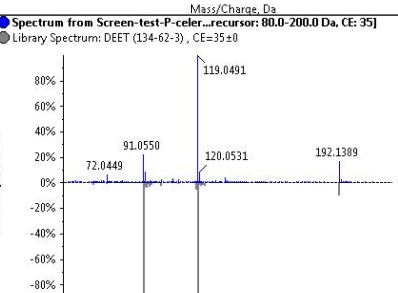
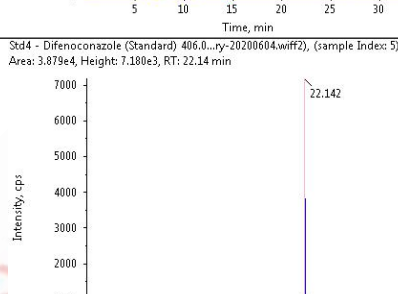
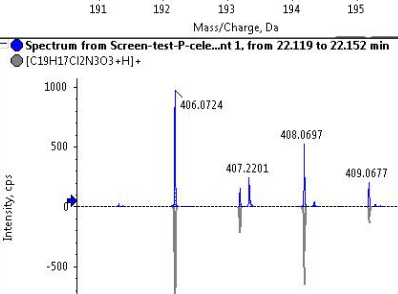
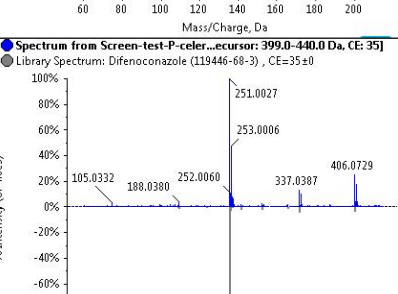
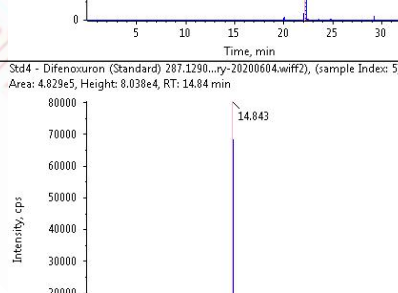
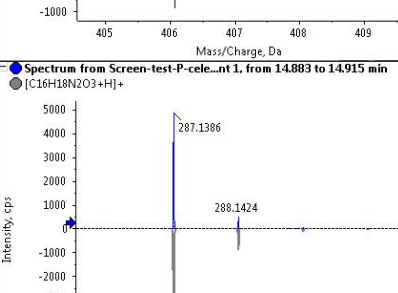
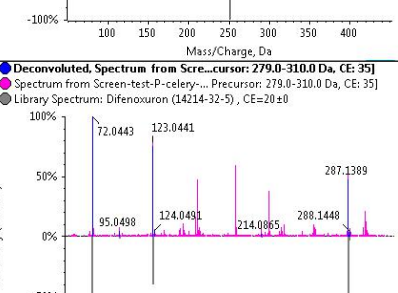
序号	化合物	一级图谱	二级图谱
40	双酰草胺	Std4 - Carbetamide (Standard) 237.113...ry-20200604.wiff(2), (sample Index: 5) Area: 5.297e4, Height: 6.100e3, RT: 10.38 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-celer...nt 1, from 10.362 to 10.394 min● [C12H16N2O3+H]⁺● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35● Library Spectrum: Carbetamide (16118-49-3), CE=35±15  
41	克百威	Std4 - Carbofuran (Standard) 222.1025...ry-20200604.wiff(2), (sample Index: 5) Area: 8.351e5, Height: 1.582e5, RT: 11.59 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-celer...nt 1, from 11.614 to 11.646 min● [C12H15NO3+H]⁺● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35● Library Spectrum: Carbofuran (1563-66-2), CE=35±15  
42	3-羟基克百威	Std4 - Carbofuran-3-hydroxy (Standard...ry-20200604.wiff(2), (sample Index: 5) Area: 7.354e4, Height: 1.150e4, RT: 7.29 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-celer...ment 1, from 7.272 to 7.304 min● [C12H15NO4+H]⁺● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35● Library Spectrum: 3-Hydroxycarbofuran (16655-82-6), CE=35±0  
43	萎锈灵	Std4 - Carboxin (Standard) 236.0640...ry-20200604.wiff(2), (sample Index: 5) Area: 7.031e5, Height: 1.202e5, RT: 12.45 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-celer...nt 1, from 12.476 to 12.508 min● [C12H13NO2S+H]⁺● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35● Library Spectrum: Carboxin (5234-68-4), CE=35±0  
44	氟啶脲	Std4 - Chlorfluazuron (Standard) 539.9...ry-20200604.wiff(2), (sample Index: 5) Area: 4.266e4, Height: 1.500e4, RT: 25.02 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-celer...nt 1, from 25.014 to 25.046 min● [C20H9Cl3FN3O3+H]⁺● Deconvoluted, Spectrum from Scre...cursor: 499.0-900.0 Da, CE: 35● Spectrum from Screen-test-P-celer... Precursor: 499.0-900.0 Da, CE: 35● Library Spectrum: Chlorfluazuron (71422-67-8), CE=35±0  

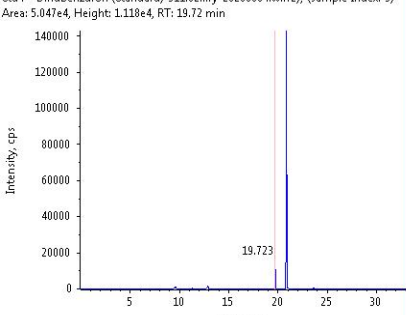
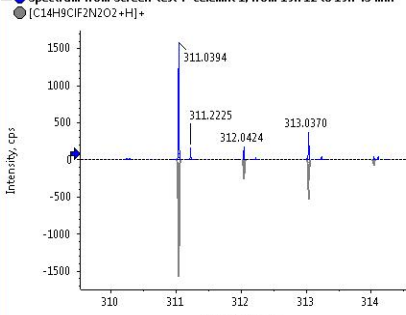
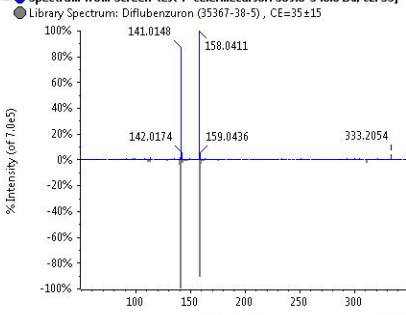
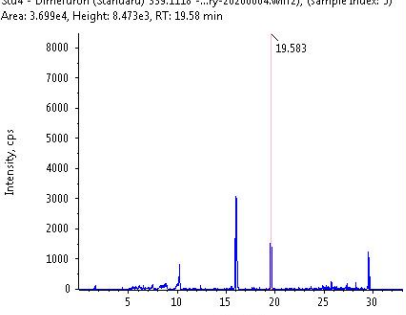
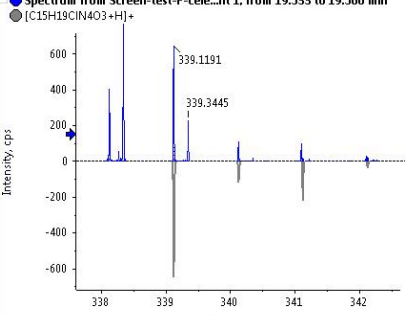
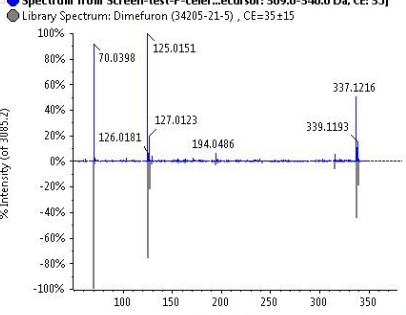
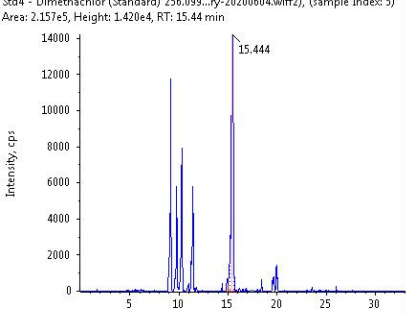
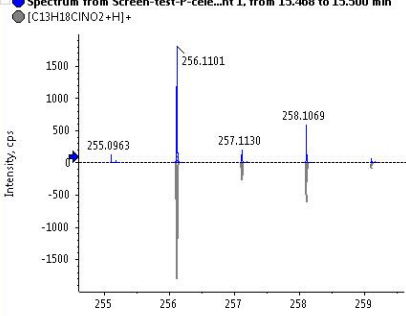
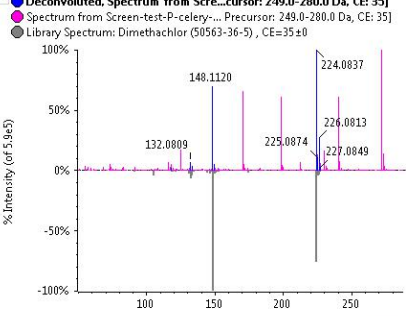
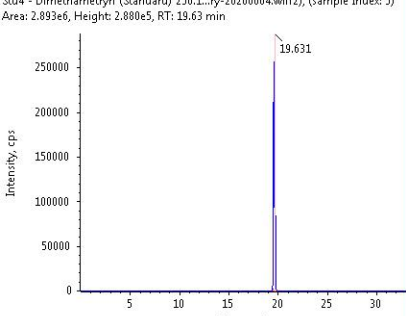
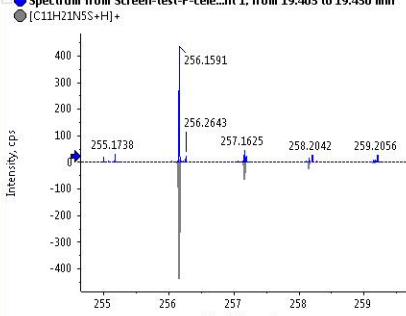
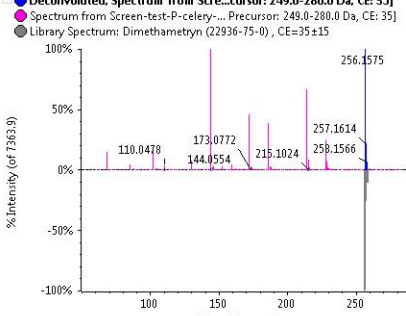
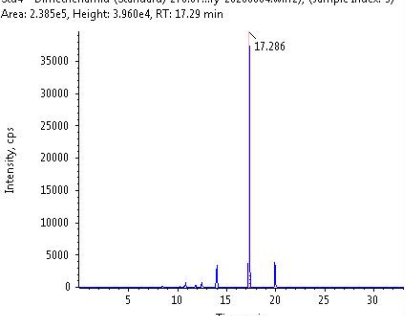
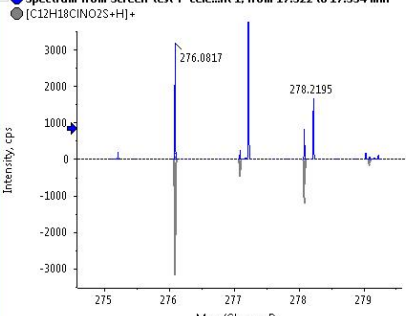
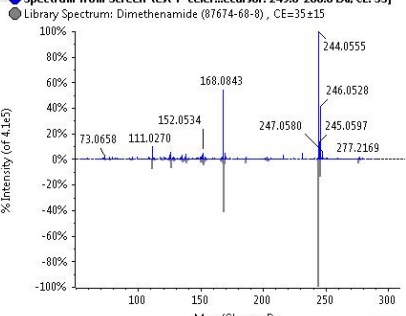
序号	化合物	一级图谱	二级图谱
45	氯草敏	Std4 - Chloridazon (Standard) 222.0329...ry-20200604.wiff2), (sample Index: 5) Area: 4.730e5, Height: 6.950e4, RT: 7.66 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.695 to 7.727 min ● [C10H8ClN3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Chloridazon (1698-60-8), CE=20±0</p> 
46	绿麦隆	Std4 - Chlorotoluron (Standard) 213.06...ry-20200604.wiff2), (sample Index: 5) Area: 5.711e5, Height: 8.475e4, RT: 13.63 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.663 to 13.695 min ● [C10H13ClN2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Chlorotoluron (15545-48-9), CE=35±15</p> 
47	毒死蜱	Std4 - Chlorpyrifos (Standard) 349.923...ry-20200604.wiff2), (sample Index: 5) Area: 2.605e5, Height: 8.867e4, RT: 24.24 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.250 to 24.282 min ● [C9H11Cl3NO3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Chlorpyrifos (2921-88-2), CE=35±15</p> 
48	甲基毒死蜱	Std4 - Chlorpyrifos-methyl (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 6.137e4, Height: 1.646e4, RT: 22.15 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.135 to 22.168 min ● [C7H7Cl3NO3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Chlorpyrifos-methyl (5598-13-0), CE=35±15</p> 
49	氯磺隆	Std4 - Chlorsulfuron (Standard) 358.02...ry-20200604.wiff2), (sample Index: 5) Area: 5.873e4, Height: 6.985e3, RT: 12.60 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.573 to 12.606 min ● [C12H12ClN5O4S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Chlorsulfuron (64902-72-3), CE=35±10</p> 

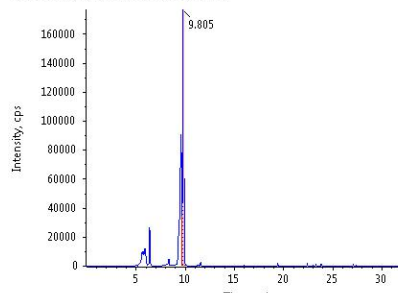
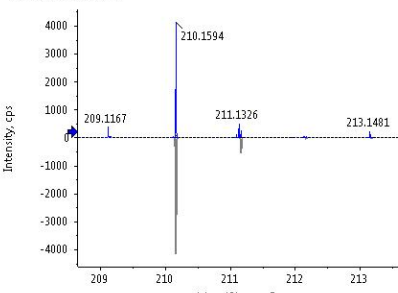
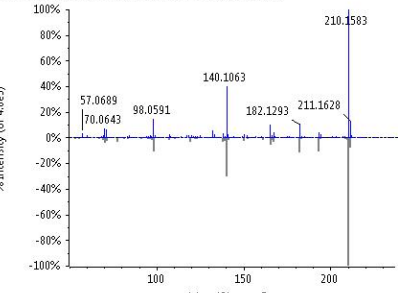
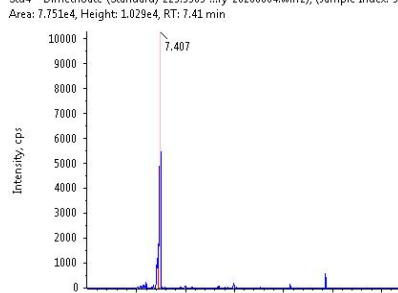
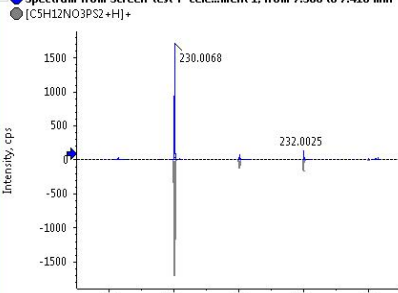
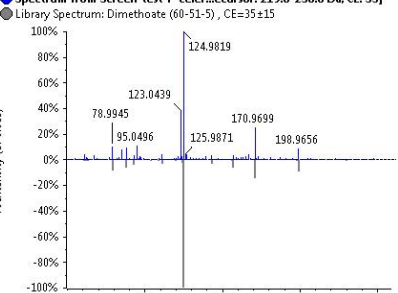
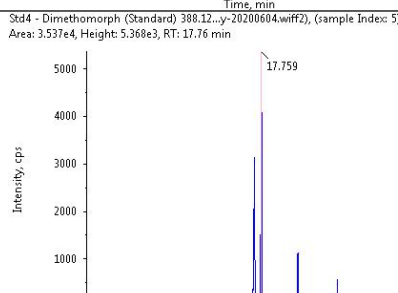
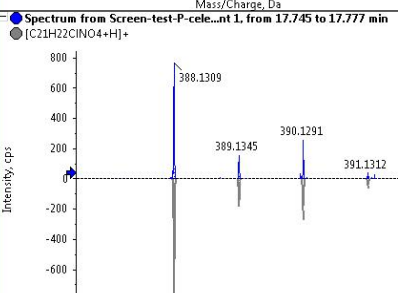
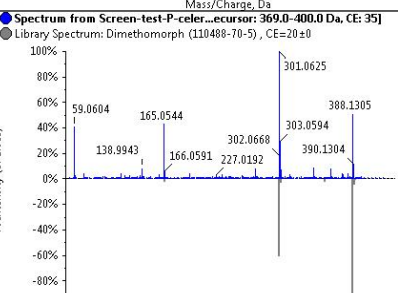
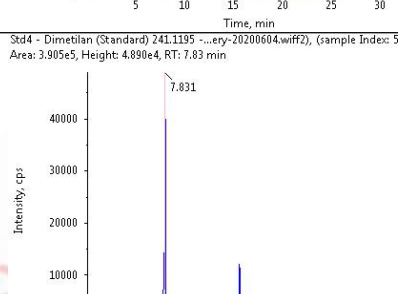
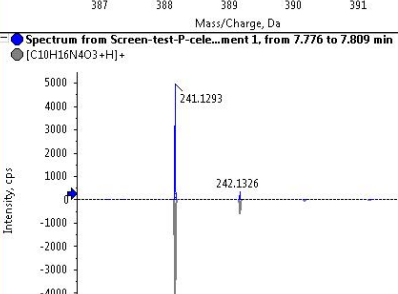
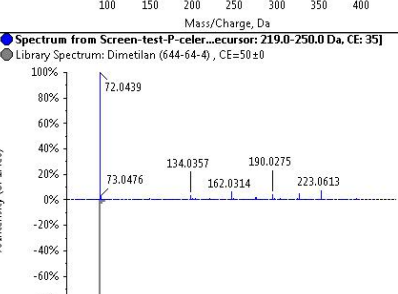
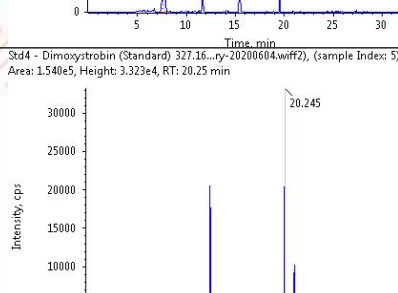
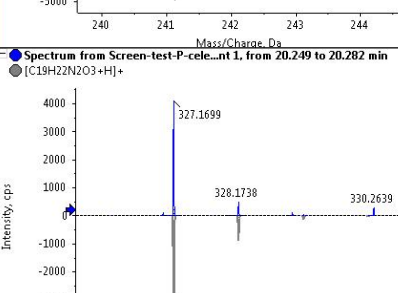
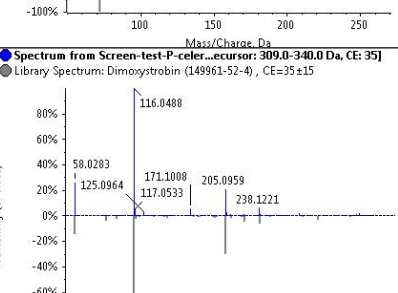
序号	化合物	一级图谱	二级图谱
50	异噁草酮	Std4 - Clomazone (Standard) 240.0686 ...ry-20200604.wiff2), (sample Index: 5) Area: 6.892e4, Height: 1.352e4, RT: 15.88 min 	 Spectrum from Screen-test-P-cel...nt 1, from 15.858 to 15.891 min ● [C12H14ClNO2+H] ⁺  Spectrum from Screen-test-P-celery-202...in Precursor: 219.0-250.0 Da, CE: 35]
51	噻虫胺	Std4 - Clothianidin (Standard) 250.006...ry-20200604.wiff2), (sample Index: 5) Area: 3.204e4, Height: 3.582e3, RT: 6.73 min 	 Spectrum from Screen-test-P-cel...ment 1, from 6.703 to 6.735 min ● [C6H8ClN5O2S+H] ⁺  Library Spectrum: Clothianidin (210880-92-5), CE=35±15]
52	蝇毒磷	Std4 - Coumaphos (Standard) 363.0117 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.644e5, Height: 9.720e4, RT: 21.23 min 	 Spectrum from Screen-test-P-cel...nt 1, from 21.241 to 21.274 min ● [C14H16ClO5PS+H] ⁺  Spectrum from Screen-test-P-celery-...cursor: 339.0-370.0 Da, CE: 35]
53	氰草津	Std4 - Cyanazine (Standard) 241.0863 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.881e5, Height: 4.777e4, RT: 10.64 min 	 Spectrum from Screen-test-P-cel...nt 1, from 10.671 to 10.703 min ● [C9H13ClN6+H] ⁺  Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35]
54	苯腈磷	Std4 - Cyanofenphos (Standard) 304.04...ry-20200604.wiff2), (sample Index: 5) Area: 1.446e5, Height: 3.394e4, RT: 20.72 min 	 Spectrum from Screen-test-P-cel...nt 1, from 20.704 to 20.737 min ● [C15H14NO2PS+H] ⁺  Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35]

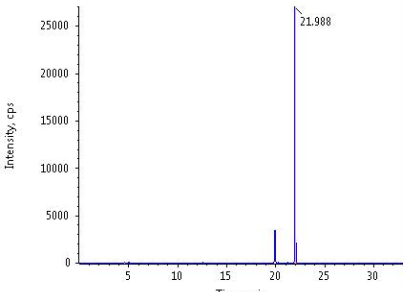
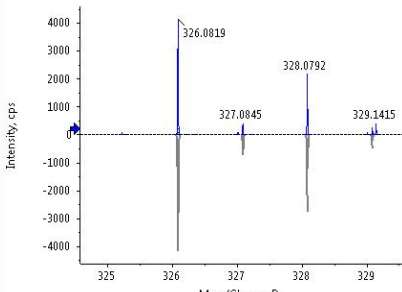
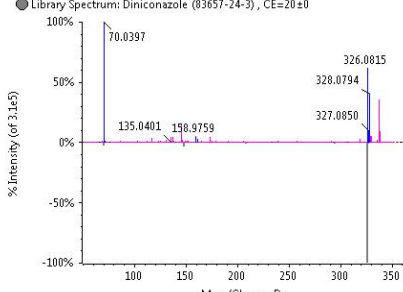
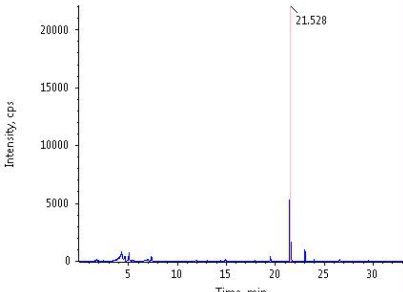
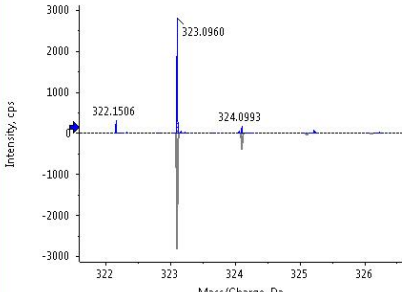
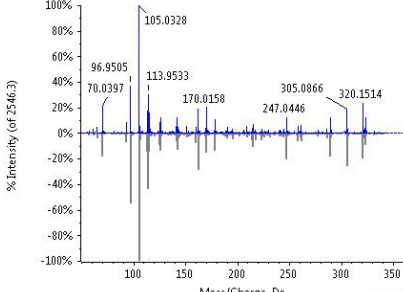
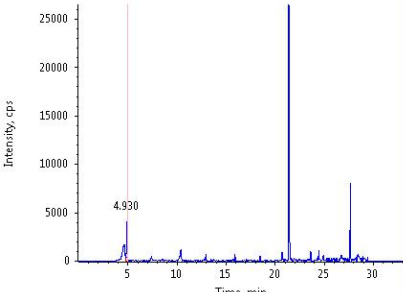
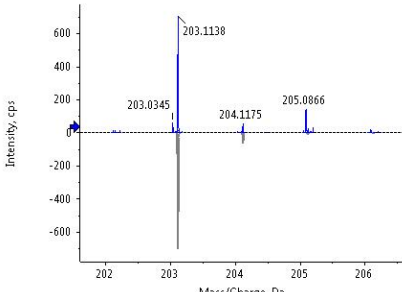
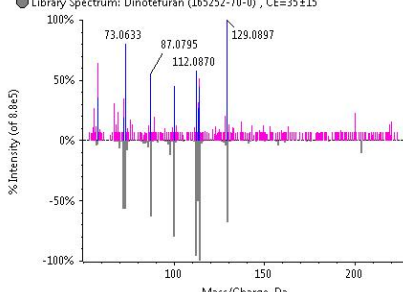
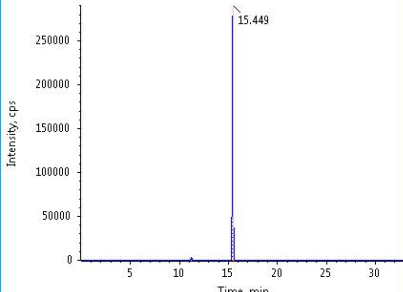
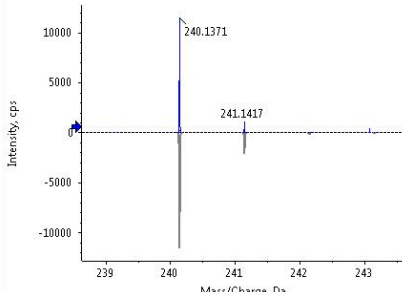
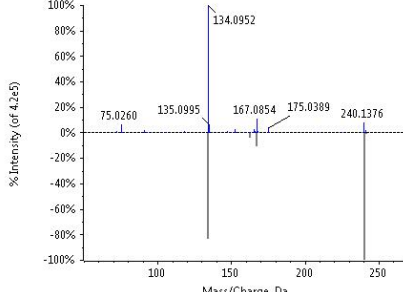
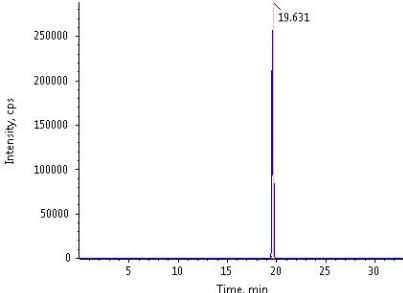
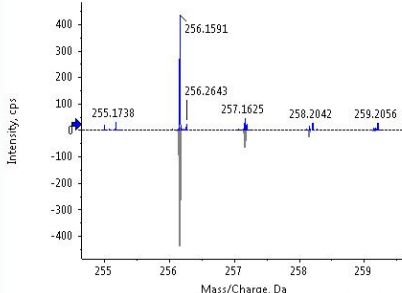
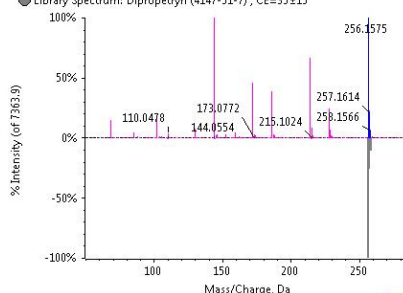
序号	化合物	一级图谱	二级图谱
55	杀螟腈	Std4 - Cyanophos (Standard) 244.0092 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.392e4, Height: 4.326e3, RT: 14.41 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.378 to 14.411 min ● [C9H10NO3PS+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyanophos (2636-26-2), CE=35±10</p> 
56	环草敌	Std4 - Cycloate (Standard) 216.1317 - ...ry-20200604.wiff2), (sample Index: 5) Area: 4.990e5, Height: 1.264e5, RT: 22.39 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.412 to 22.444 min ● [C11H21NOS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Cycloate (1134-23-2), CE=35±15</p> 
57	环莠隆	Std4 - Cycluron (Standard) 199.1705 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.435e5, Height: 1.720e5, RT: 15.11 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.175 to 15.208 min ● [C11H22N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Cycluron (2163-69-1), CE=35±15</p> 
58	环氟菌胺	Std4 - Cyflufenamid (Standard) 413.118...ry-20200604.wiff2), (sample Index: 5) Area: 1.003e5, Height: 2.053e4, RT: 21.74 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.729 to 21.761 min ● [C20H17FSN2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Cyflufenamid (180409-60-3), CE=35±10</p> 
59	环丙津	Std4 - Cyprazine (Standard) 228.0910 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.362e5, Height: 2.629e4, RT: 14.45 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.443 to 14.476 min ● [C9H14ClN5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyprazine, CE=35±15</p> 

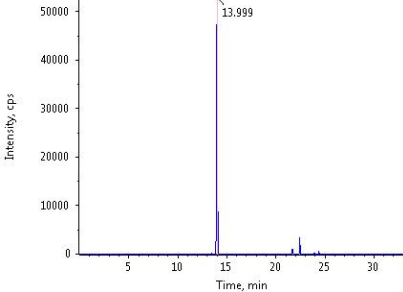
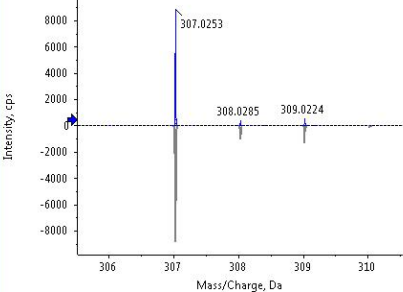
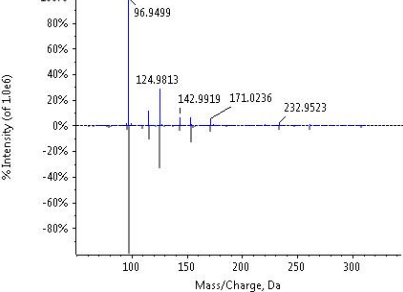
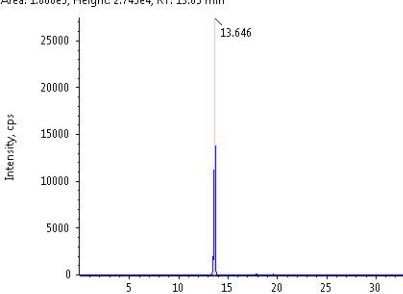
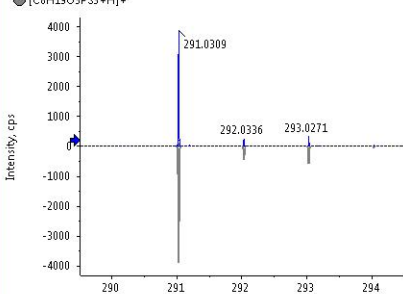
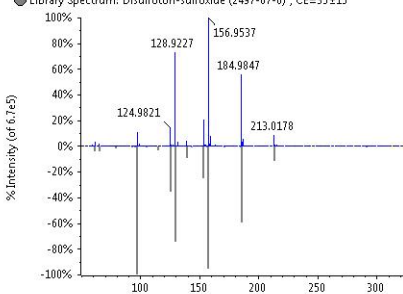
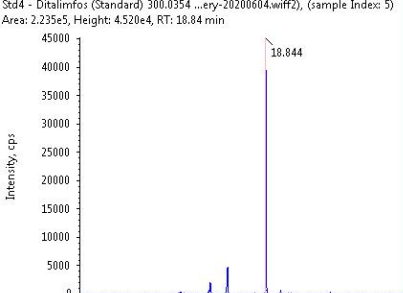
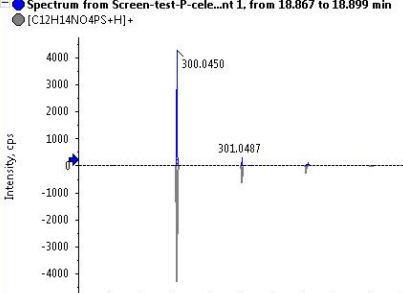
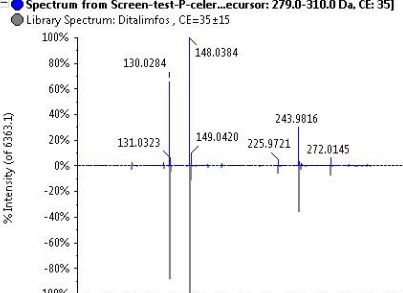
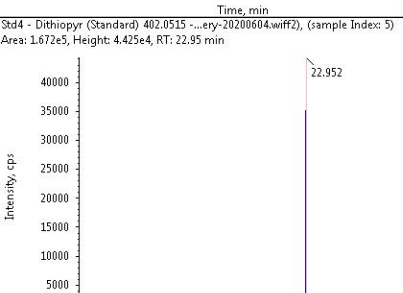
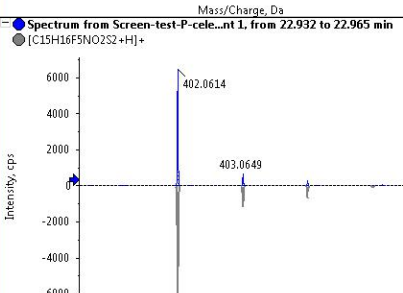
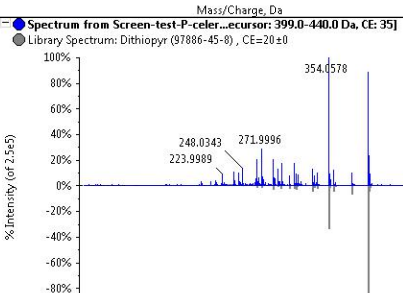
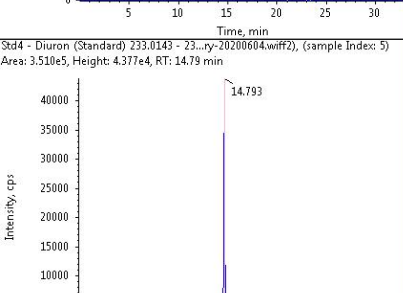
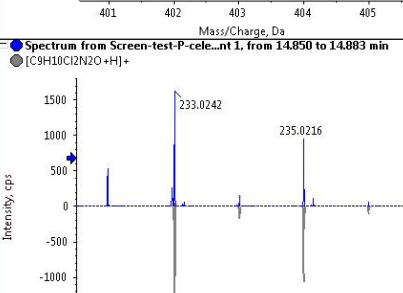
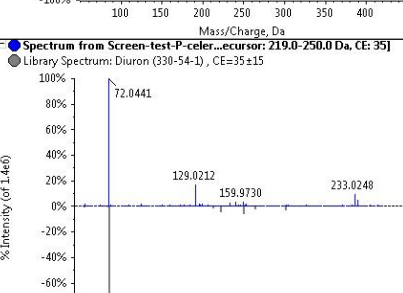
序号	化合物	一级图谱	二级图谱
60	环丙唑醇	Std4 - Cyproconazole (Standard) 292.11...ry-20200604.wiff2), (sample Index: 5) Area: 1.543e5, Height: 2.861e4, RT: 18.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.989 to 18.021 min ● [C15H18ClN3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Cyproconazole (113096-99-4), CE=35±15</p> 
61	嘧菌环胺	Std4 - Cyprodinil (Standard) 226.1239 ...ery-20200604.wiff2), (sample Index: 5) Area: 1.924e6, Height: 3.325e5, RT: 19.82 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.875 to 19.908 min ● [C14H15N3+H]⁺</p>  <p>● Deconvoluted, Spectrum from Sre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyprodinil (121552-61-2), CE=20±0</p> 
62	二嗪磷	Std4 - Diazinon (Standard) 305.0983 ...ery-20200604.wiff2), (sample Index: 5) Area: 1.143e6, Height: 2.526e5, RT: 21.22 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.241 to 21.274 min ● [C12H21N2O3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Diazinon (333-41-5), CE=35±15</p> 
63	除线磷	Std4 - Dichlofenthion (Standard) 314.9...ery-20200604.wiff2), (sample Index: 5) Area: 4.753e4, Height: 2.459e4, RT: 23.96 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.941 to 23.973 min ● [C10H13Cl2O3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dichlofenthion (97-17-6), CE=35±15</p> 
64	敌敌畏	Std4 - Dichlorvos (Standard) 220.9432 ...ery-20200604.wiff2), (sample Index: 5) Area: 9.436e4, Height: 1.020e4, RT: 11.07 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.061 to 11.093 min ● [C4H7Cl2O4P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dichlorvos (62-73-7), CE=35±15</p> 

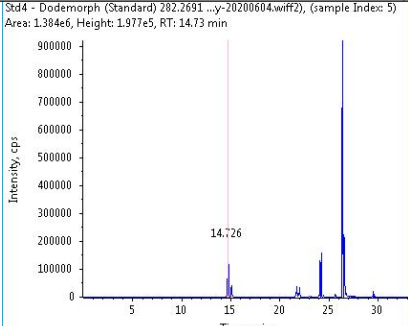
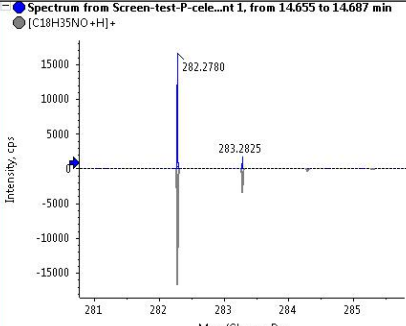
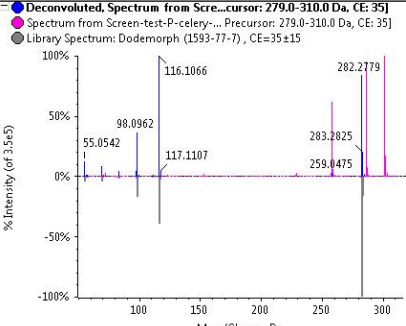
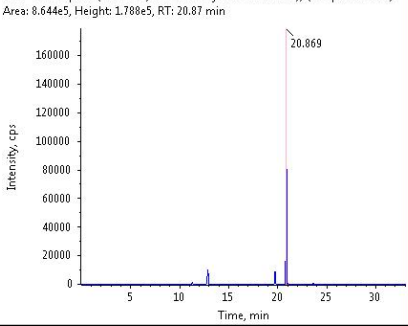
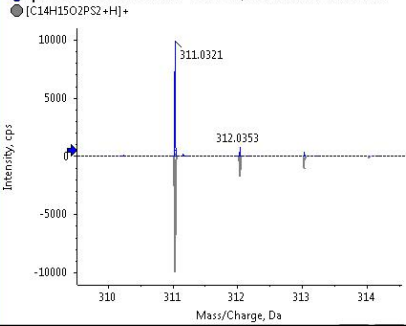
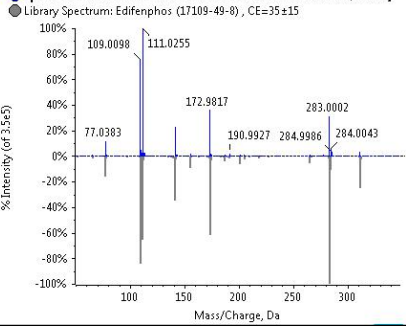
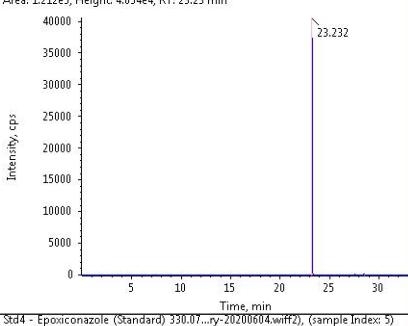
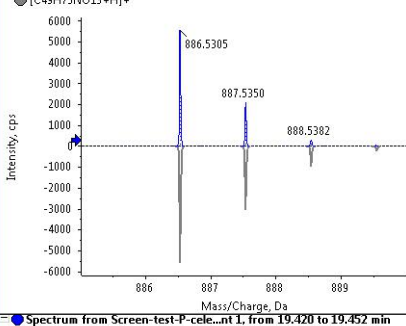
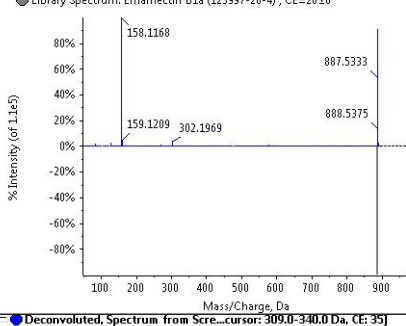
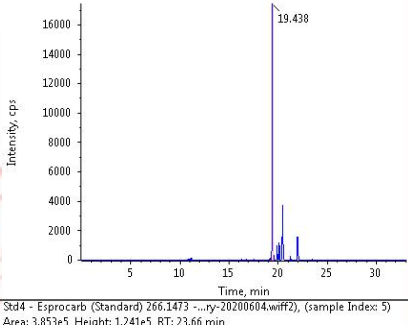
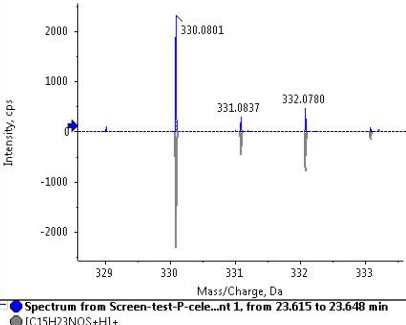
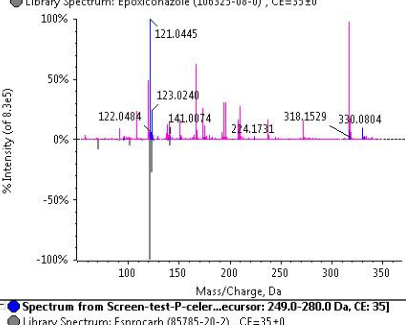
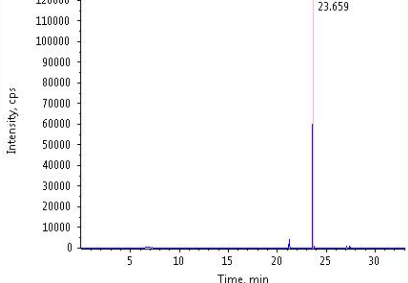
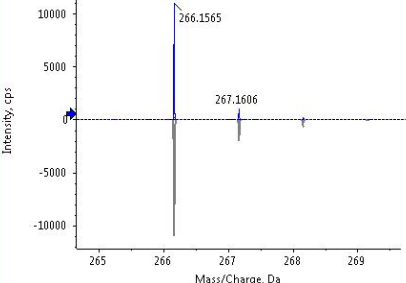
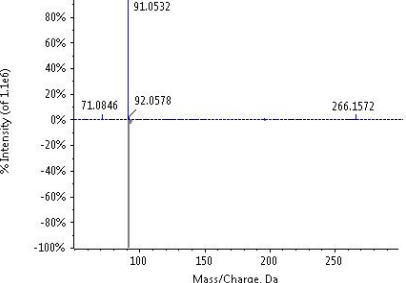
序号	化合物	一级图谱	二级图谱
65	苄氯三唑醇	Std4 - Diclobutrazole (Standard) 328.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.385e5, Height: 3.307e4, RT: 20.46 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.477 to 20.509 min ● [C15H19Cl2N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Diclobutrazole, CE=35±15</p> 
66	百治磷	Std4 - Dicrotophos (Standard) 238.0738...ry-20200604.wiff2), (sample Index: 5) Area: 2.089e5, Height: 4.481e4, RT: 6.17 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 6.117 to 6.150 min ● [C8H16NO5P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dicrotophos (3735-78-3), CE=35±0</p> 
67	避蚊胺	Std4 - Diethyltoluamide (Standard) 192...ry-20200604.wiff2), (sample Index: 5) Area: 1.163e6, Height: 2.079e5, RT: 14.63 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.574 to 14.606 min ● [C12H17NO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: DEET (134-62-3), CE=35±0</p> 
68	苯醚甲环唑	Std4 - Difenoconazole (Standard) 406.0...ry-20200604.wiff2), (sample Index: 5) Area: 3.879e4, Height: 7.180e3, RT: 22.14 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C19H17Cl2N3O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Difenoconazole (119446-68-3), CE=35±0</p> 
69	枯莠隆	Std4 - Difenoxuron (Standard) 287.1290...ry-20200604.wiff2), (sample Index: 5) Area: 4.829e5, Height: 8.038e4, RT: 14.84 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.883 to 14.915 min ● [C16H18N2O3+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...ursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Difenoxuron (14214-32-5), CE=20±0</p> 

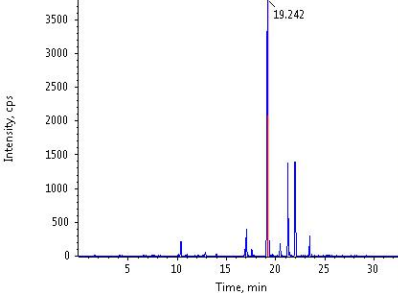
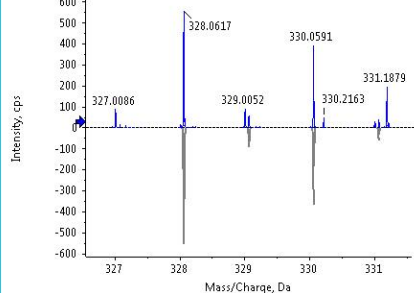
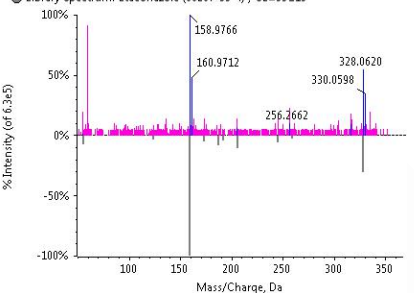
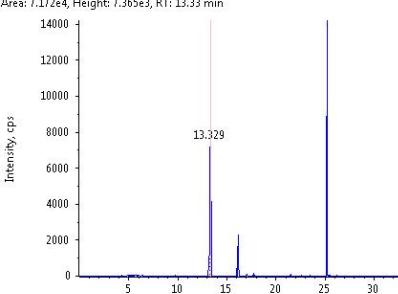
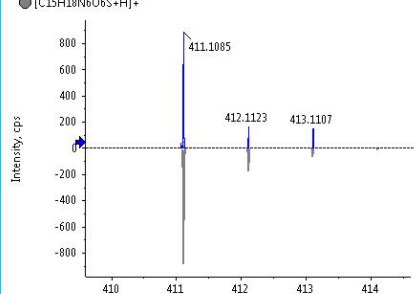
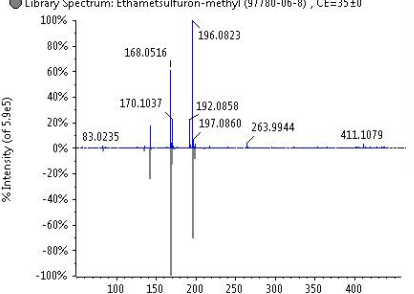
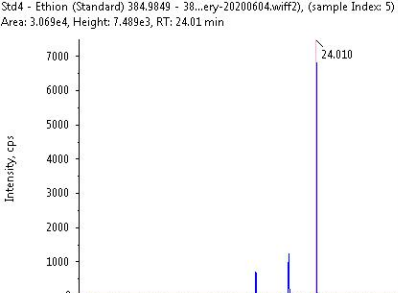
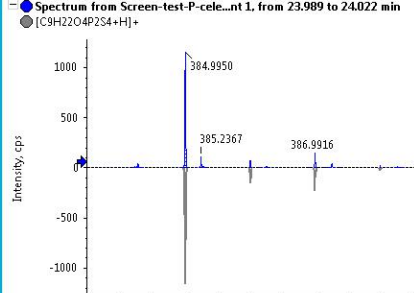
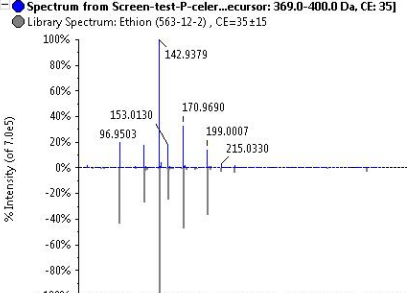
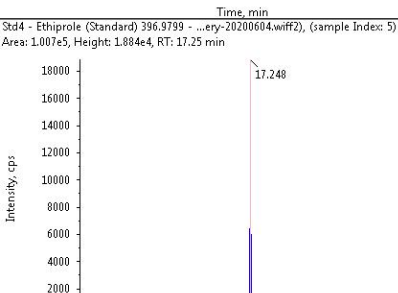
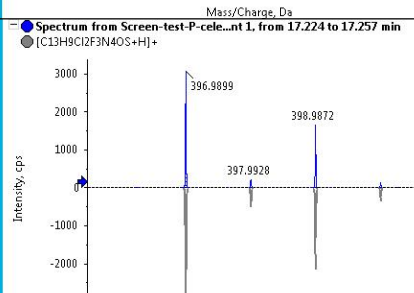
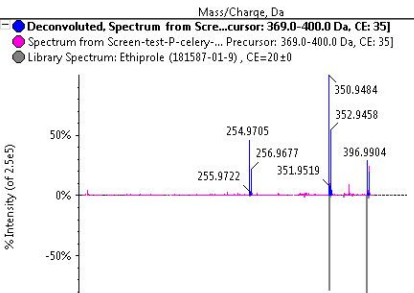
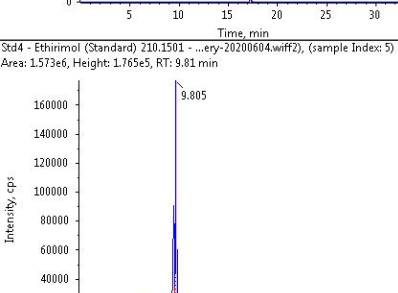
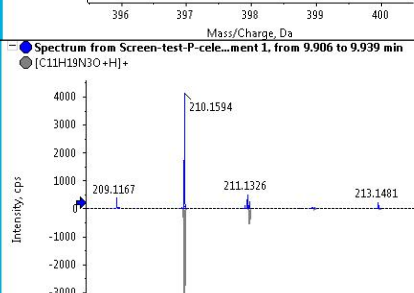
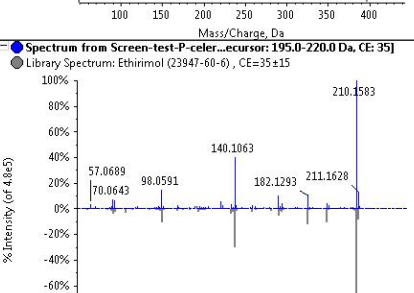
序号	化合物	一级图谱	二级图谱
70	除虫脲	Std4 - Diflubenzuron (Standard) 311.02...ny-20200604.wiff2), (sample Index: 5) Area: 5.047e4, Height: 1.118e4, RT: 19.72 min 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 19.712 to 19.745 min ● [C14H9ClF2N2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-cel...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Diflubenzuron (35367-38-5), CE=35±15</p> 
71	噁唑隆	Std4 - Dimethuron (Standard) 339.1118 ...ny-20200604.wiff2), (sample Index: 5) Area: 3.699e4, Height: 8.473e3, RT: 19.58 min 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 19.533 to 19.566 min ● [C15H19ClN4O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-cel...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dimethuron (34205-21-5), CE=35±15</p> 
72	二甲草胺	Std4 - Dimethachlor (Standard) 256.099...ny-20200604.wiff2), (sample Index: 5) Area: 2.157e5, Height: 1.420e4, RT: 15.44 min 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 15.468 to 15.500 min ● [C13H18ClN4O2+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-cel... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Dimethachlor (58563-36-5), CE=35±15</p> 
73	异戊乙净	Std4 - Dimethametryn (Standard) 256.1...ny-20200604.wiff2), (sample Index: 5) Area: 2.893e6, Height: 2.880e5, RT: 19.63 min 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 19.403 to 19.436 min ● [C11H21N5S+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-cel... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Dimethametryn (22936-75-0), CE=35±15</p> 
74	二甲吩草胺	Std4 - Dimethenamid (Standard) 276.07...ny-20200604.wiff2), (sample Index: 5) Area: 2.385e5, Height: 3.960e4, RT: 17.29 min 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 17.322 to 17.354 min ● [C12H18ClNO2S+H]⁺</p>  <p>● Spectrum from Screen-test-P-cel...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Dimethenamid (87674-68-8), CE=35±15</p> 

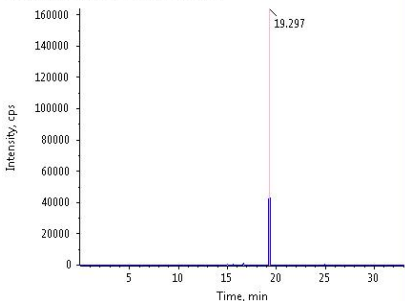
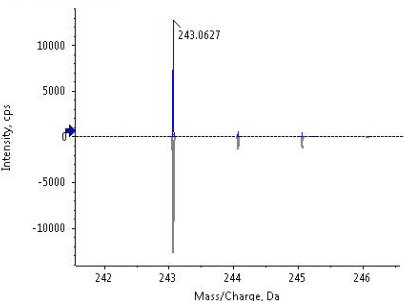
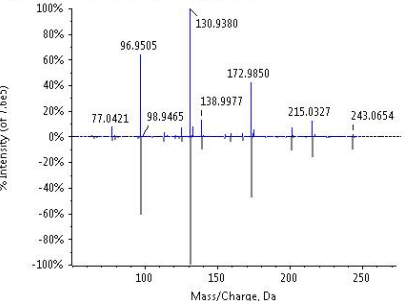
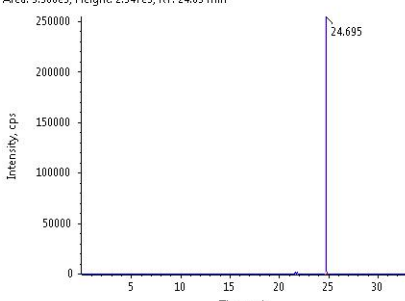
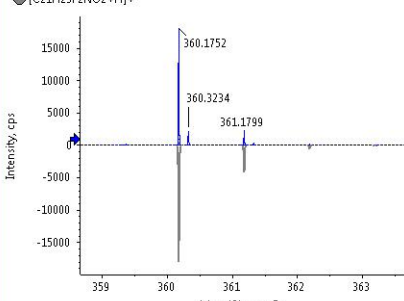
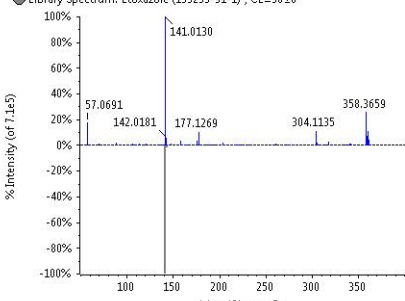
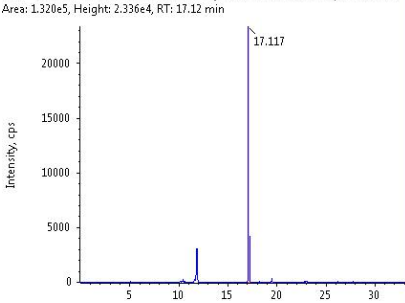
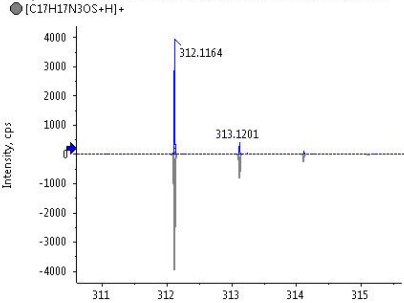
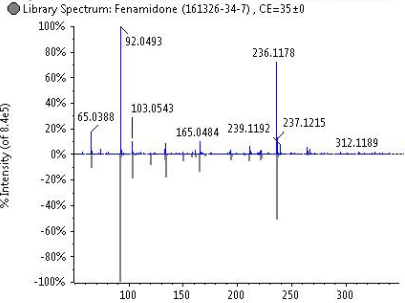
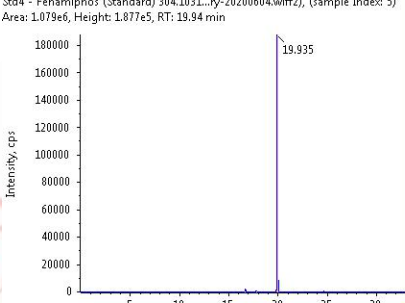
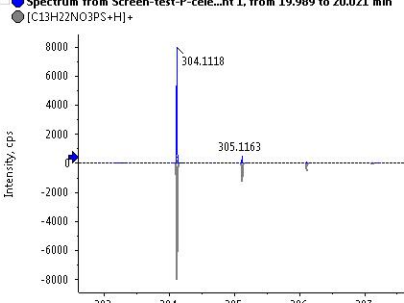
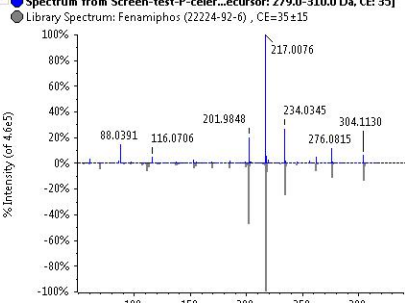
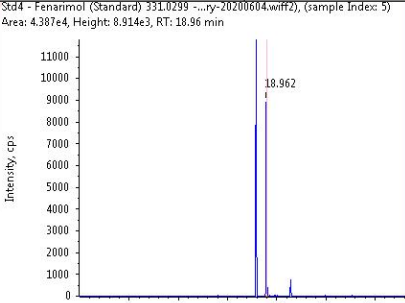
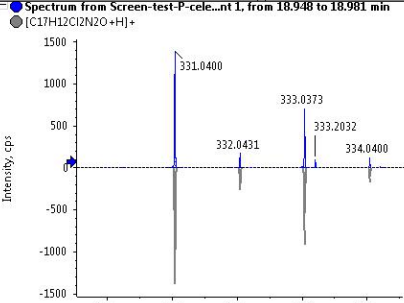
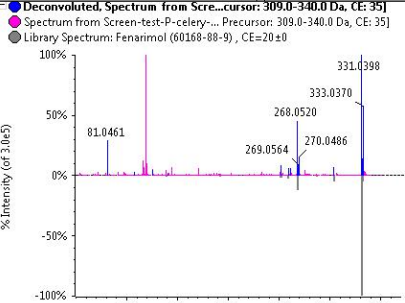
序号	化合物	一级图谱	二级图谱
75	二甲嘧酚	Std4 - Dimethirimol (Standard) 210.150...ry-20200604.wiff2), (sample Index: 5) Area: 1.573e6, Height: 1.765e5, RT: 9.81 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.906 to 9.939 min ● [C11H19N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Ethirimol (23947-60-6), CE=35±15</p> 
76	乐果	Std4 - Dimethoate (Standard) 229.9969 ...ry-20200604.wiff2), (sample Index: 5) Area: 7.751e4, Height: 1.029e4, RT: 7.41 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.386 to 7.418 min ● [C5H12NO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dimethoate (60-51-5), CE=35±15</p> 
77	烯酰吗啉	Std4 - Dimethomorph (Standard) 388.12...ry-20200604.wiff2), (sample Index: 5) Area: 3.537e4, Height: 5.368e3, RT: 17.76 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.745 to 17.777 min ● [C21H22ClNO4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Dimethomorph (110488-70-5), CE=20±0</p> 
78	敌蝇威	Std4 - Dimethilan (Standard) 241.1195 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.905e5, Height: 4.890e4, RT: 7.83 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.776 to 7.809 min ● [C10H16N4O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dimethilan (644-64-4), CE=50±0</p> 
79	醚菌胺	Std4 - Dimoxystrobin (Standard) 327.16...ry-20200604.wiff2), (sample Index: 5) Area: 1.540e5, Height: 3.323e4, RT: 20.25 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.249 to 20.282 min ● [C19H22N2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dimoxystrobin (148961-52-4), CE=35±15</p> 

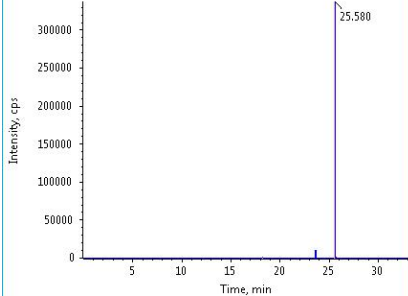
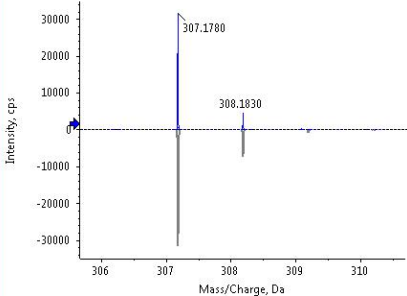
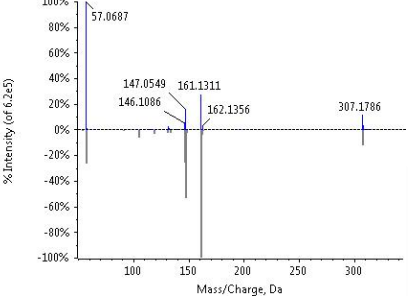
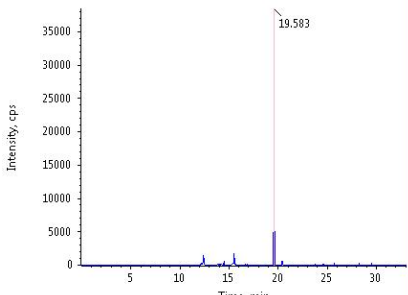
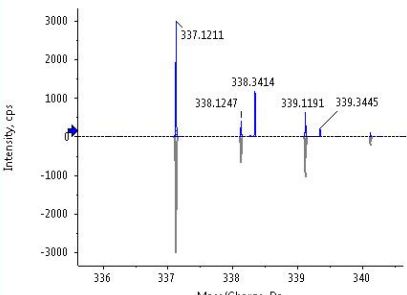
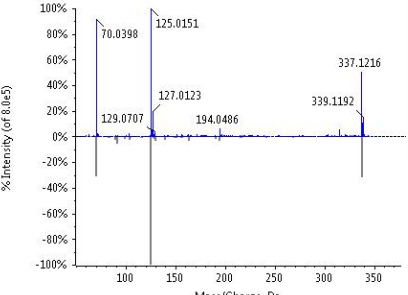
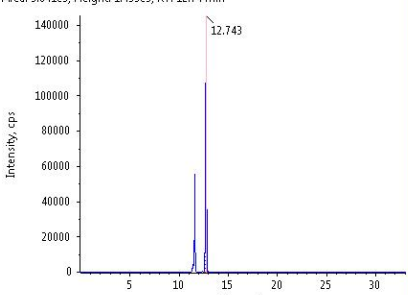
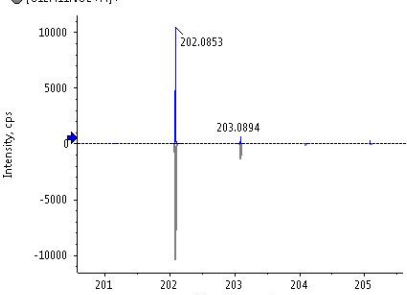
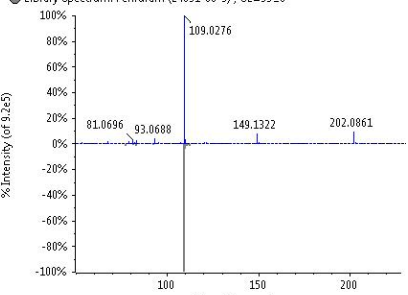
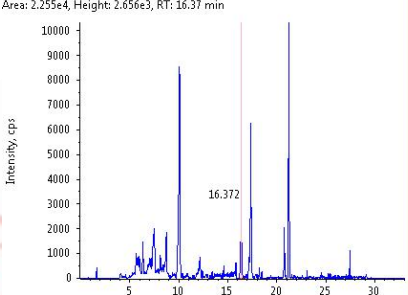
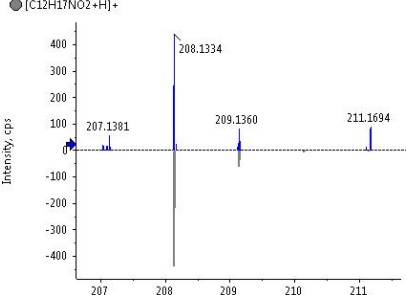
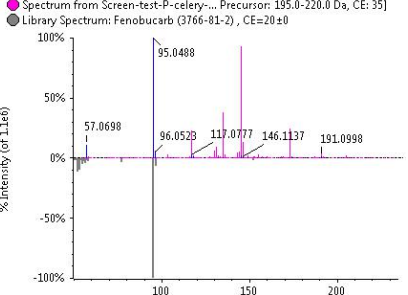
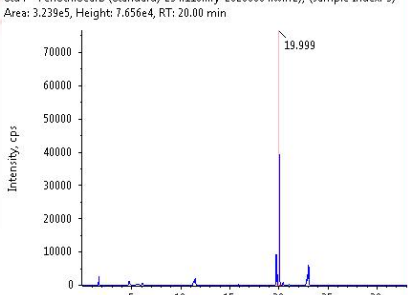
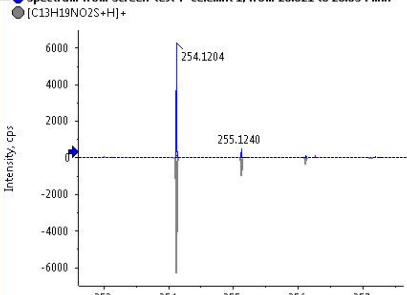
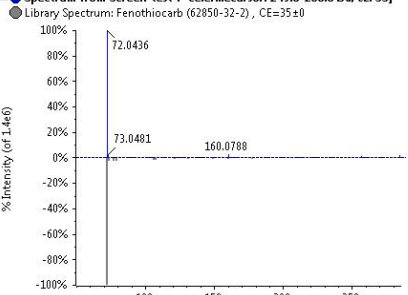
序号	化合物	一级图谱	二级图谱
80	烯唑醇	Std4 - Dimiconazole (Standard) 326.072...ry-20200604.wiff2), (sample Index: 5) Area: 1.294e5, Height: 2.704e4, RT: 21.99 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 21.973 to 22.005 min ● [C15H17ClN3O+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dimiconazole (83657-24-3), CE=20±0  
81	氨氟灵	Std4 - Dinitramine (Standard) 323.0862...ry-20200604.wiff2), (sample Index: 5) Area: 7.922e4, Height: 2.209e4, RT: 21.53 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 21.517 to 21.550 min ● [C11H13F3N4O4+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Dinitramine, CE=35±15  
82	呋虫胺	Std4 - Dinotefuran (Standard) 203.1039...ry-20200604.wiff2), (sample Index: 5) Area: 2.564e4, Height: 4.841e3, RT: 4.93 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...ment 1, from 4.914 to 4.946 min ● [C7H14N4O3+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Dinotefuran (165252-70-0), CE=35±15  
83	双苯酰草胺	Std4 - Diphenamid (Standard) 240.1283...ry-20200604.wiff2), (sample Index: 5) Area: 2.127e6, Height: 2.903e5, RT: 15.45 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 15.517 to 15.549 min ● [C16H17NO+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Diphenamid (957-51-7), CE=20±0  
84	异丙净	Std4 - Dipropetryn (Standard) 256.1490...ry-20200604.wiff2), (sample Index: 5) Area: 2.893e6, Height: 2.880e5, RT: 19.63 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 19.403 to 19.436 min ● [C11H21N5S+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Dipropetryn (4147-51-7), CE=35±15  

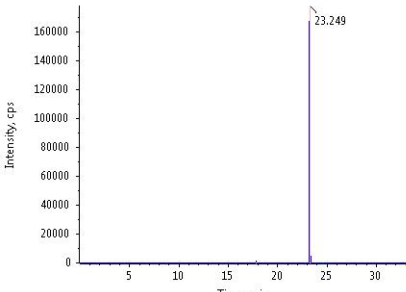
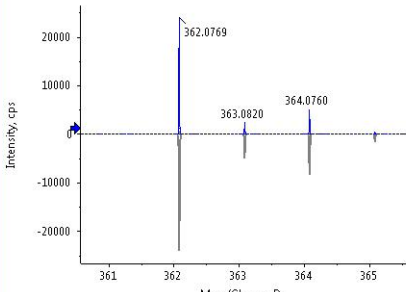
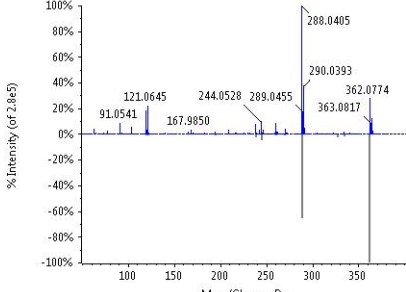
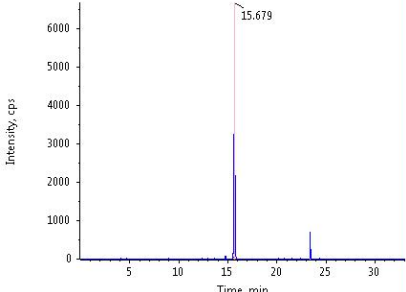
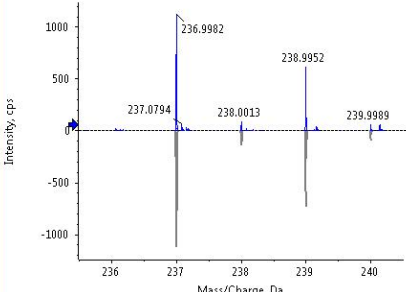
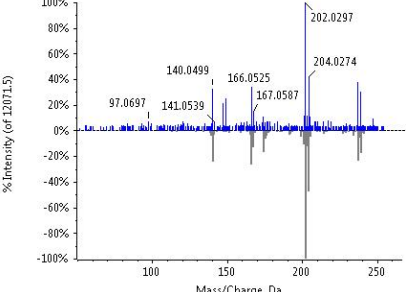
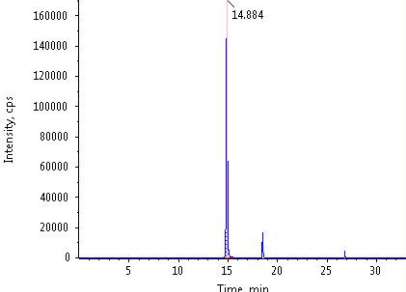
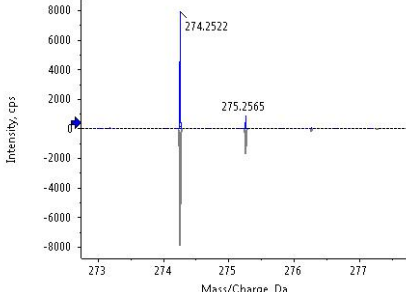
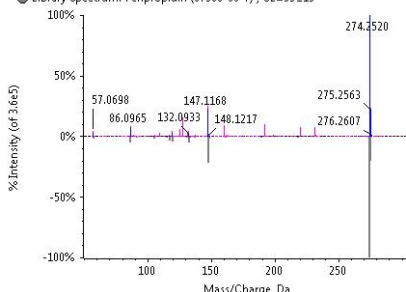
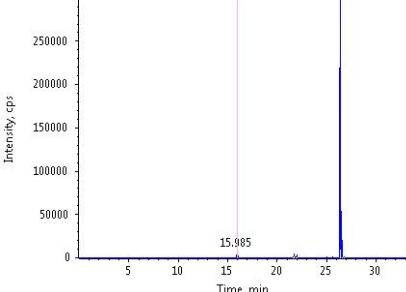
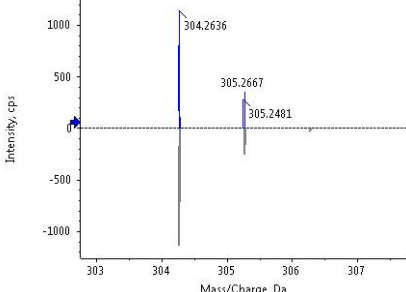
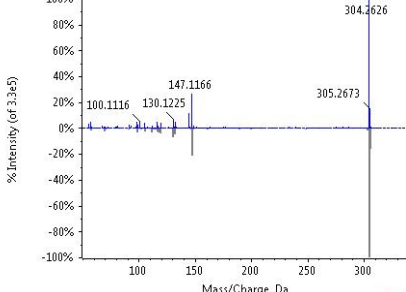
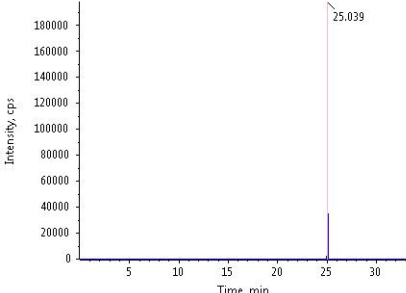
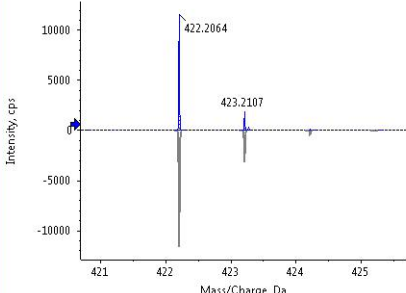
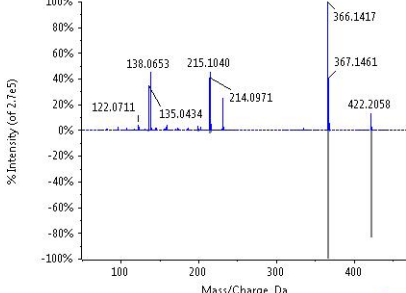
序号	化合物	一级图谱	二级图谱
85	乙拌磷砷	Std4 - Disulfoton sulfone (Standard) 3...ry-20200604.wiff2), (sample Index: 5) Area: 3.139e5, Height: 5.285e4, RT: 14.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.988 to 14.021 min ● [C8H19O4PS3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Disulfoton-sulfon (2497-06-5), CE=35±15</p> 
86	砷拌磷	Std4 - Disulfoton sulfon (Standard) 300.0354 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.860e5, Height: 2.745e4, RT: 13.65 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.647 to 13.679 min ● [C8H19O3PS3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Disulfoton-sulfon (2497-07-6), CE=35±15</p> 
87	灭菌磷	Std4 - Ditalimfos (Standard) 300.0354 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.235e5, Height: 4.520e4, RT: 18.84 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.867 to 18.899 min ● [C12H14NO4PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Ditalimfos, CE=35±15</p> 
88	氟硫草定	Std4 - Dithiopyr (Standard) 402.0515 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.672e5, Height: 4.425e4, RT: 22.95 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.932 to 22.965 min ● [C15H16F5NO2S2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Dithiopyr (97886-45-8), CE=20±0</p> 
89	敌草隆	Std4 - Diuron (Standard) 233.0143 - 23...ry-20200604.wiff2), (sample Index: 5) Area: 3.510e5, Height: 4.377e4, RT: 14.79 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.850 to 14.883 min ● [C9H10Cl2N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Diuron (330-54-1), CE=35±15</p> 

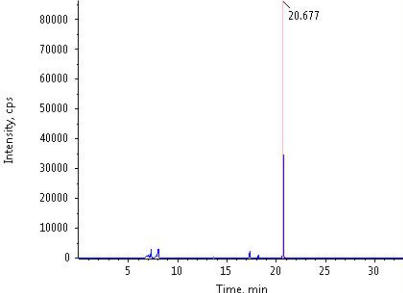
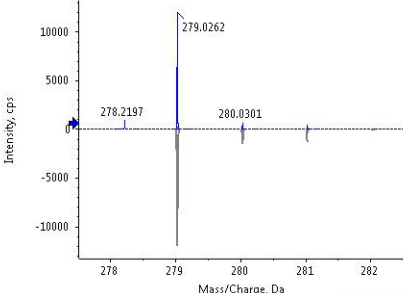
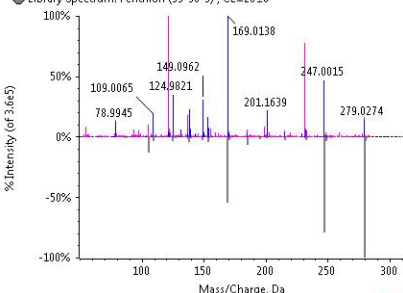
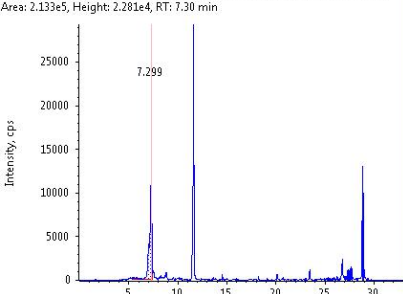
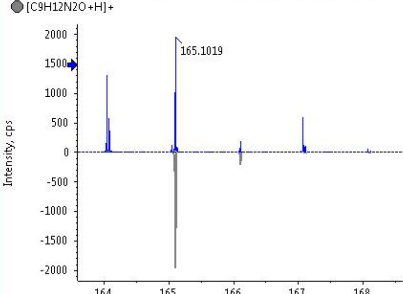
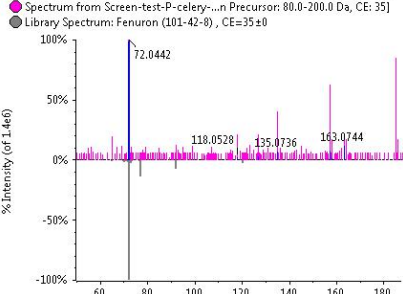
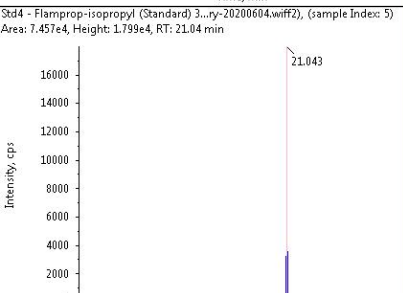
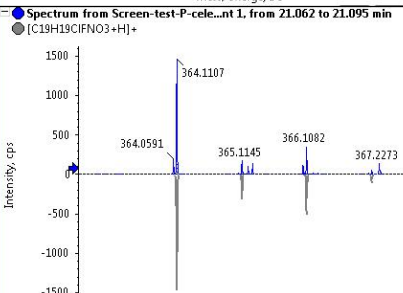
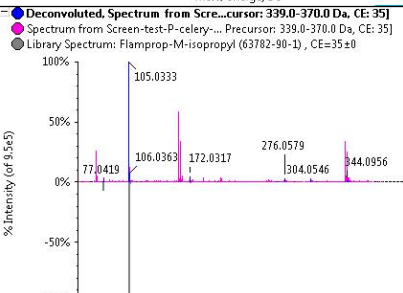
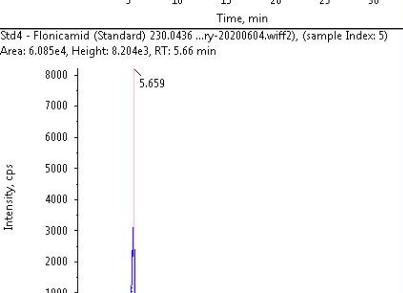
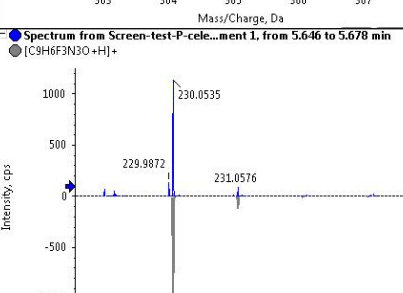
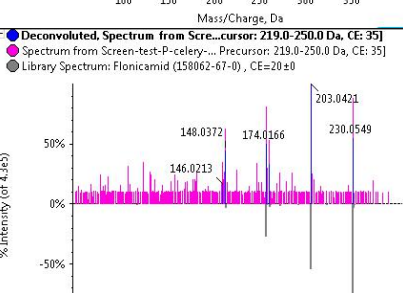
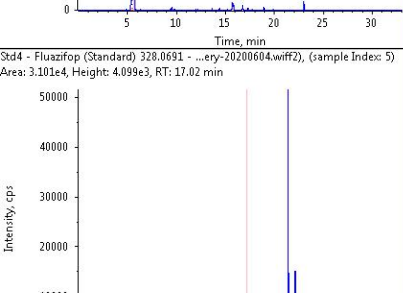
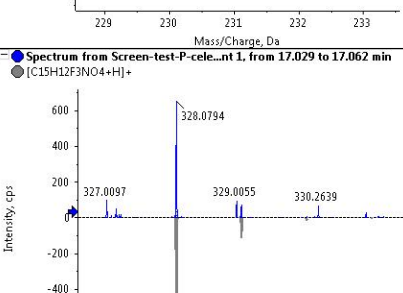
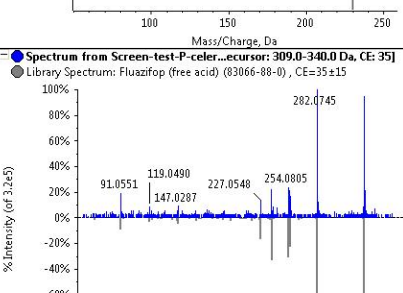
序号	化合物	一级图谱	二级图谱
90	十二环吗啉	Std4 - Dodemorph (Standard) 282.2691 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.384e6, Height: 1.977e5, RT: 14.73 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 14.655 to 14.687 min [C18H35NO+H]⁺ Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] Library Spectrum: Dodemorph (1593-77-7), CE=35±15  
91	敌瘟磷	Std4 - Edifenphos (Standard) 311.0224 ...ry-20200604.wiff2), (sample Index: 5) Area: 8.644e5, Height: 1.788e5, RT: 20.87 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 20.802 to 20.834 min [C14H15O2PS2+H]⁺ Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] Library Spectrum: Edifenphos (17109-49-8), CE=35±15  
92	甲氨基阿维菌素	Std4 - Emamectin-benzoate (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 1.212e5, Height: 4.054e4, RT: 23.23 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 23.209 to 23.241 min [C49H75NO13+H]⁺ Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] Library Spectrum: Emamectin B1a (123997-28-4), CE=20±0  
93	氟环唑	Std4 - Epoxiconazole (Standard) 330.07 ...ry-20200604.wiff2), (sample Index: 5) Area: 7.728e4, Height: 1.743e4, RT: 19.44 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 19.420 to 19.452 min [C17H13ClFN3O+H]⁺ Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] Library Spectrum: Epoxiconazole (106325-08-0), CE=35±0  
94	戊草丹	Std4 - Esprocarb (Standard) 266.1473 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.853e5, Height: 1.241e5, RT: 23.66 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 23.615 to 23.648 min [C15H23NOS+H]⁺ Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] Library Spectrum: Esprocarb (85785-20-2), CE=35±0  

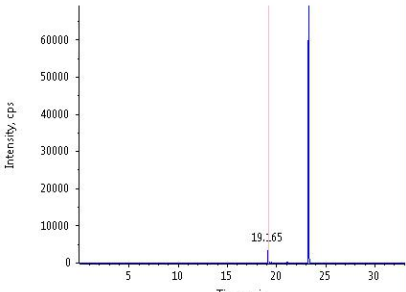
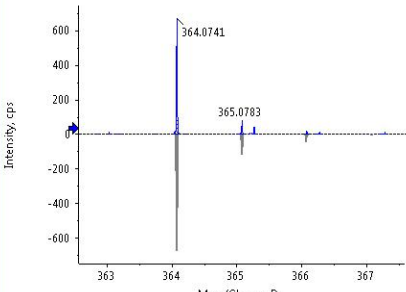
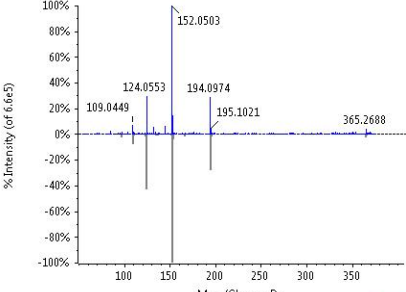
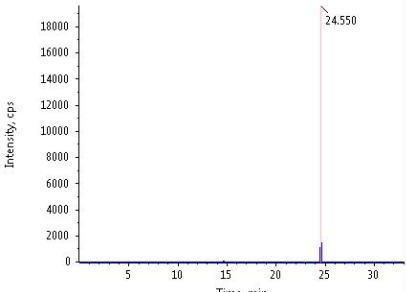
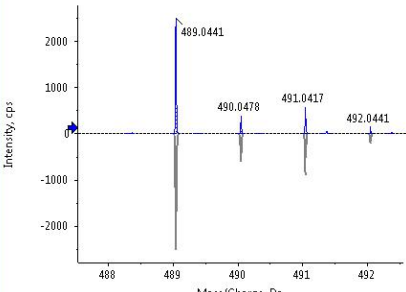
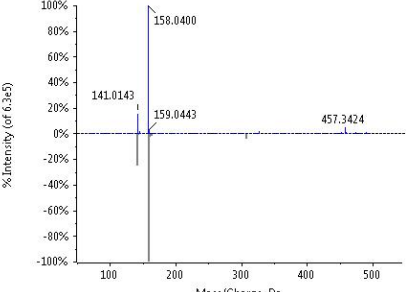
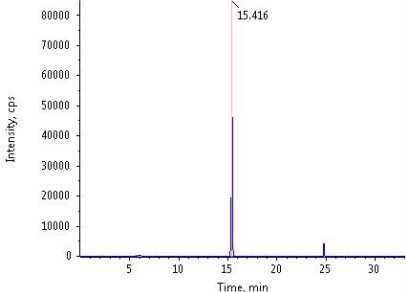
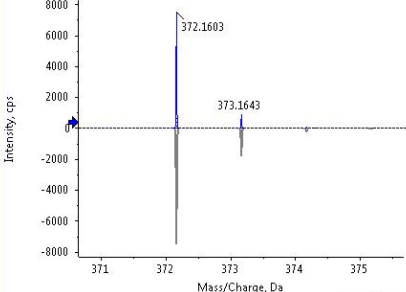
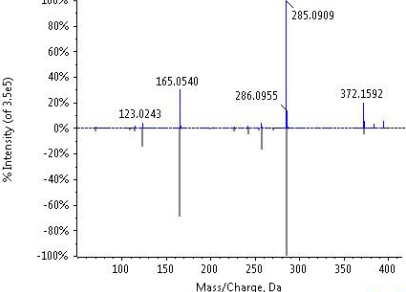
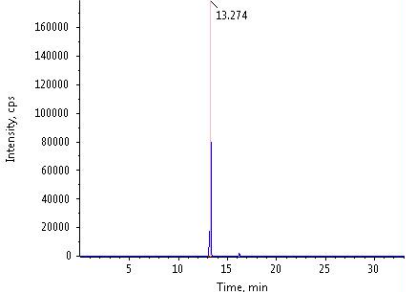
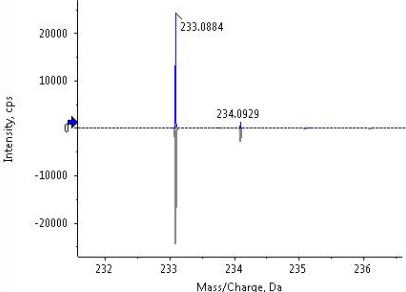
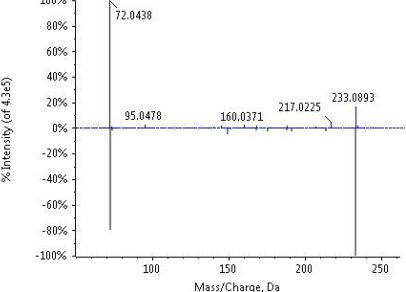
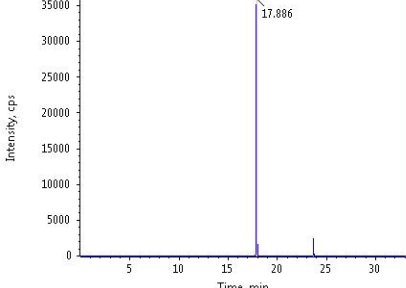
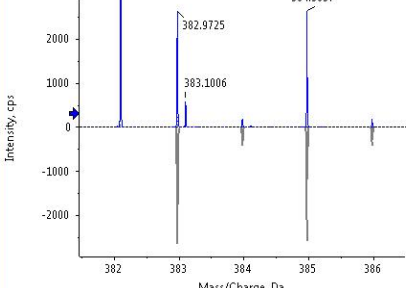
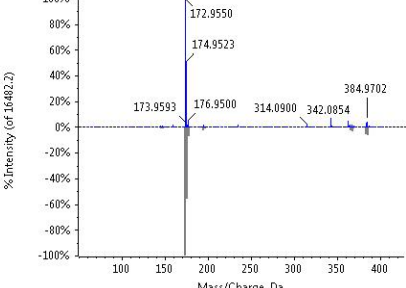
序号	化合物	一级图谱	二级图谱
95	乙环唑	Std4 - Etoconazole (Standard) 328.0514...ry-20200604.wiff2), (sample Index: 5) Area: 2.201e4, Height: 3.793e3, RT: 19.24 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 19.225 to 19.257 min ● [C14H15Cl2N3O2+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Etoconazole (60207-93-4), CE=35±15  
96	甲基胺苯磺隆	Std4 - Ethametsulfuron-methyl (Standar...ry-20200604.wiff2), (sample Index: 5) Area: 7.172e4, Height: 7.365e3, RT: 13.33 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 13.370 to 13.403 min ● [C15H18N6O6S+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 399.0-400.0 Da, CE: 35] ● Library Spectrum: Ethametsulfuron-methyl (97780-06-8), CE=35±0  
97	乙硫磷	Std4 - Ethion (Standard) 384.9849 - 38...ry-20200604.wiff2), (sample Index: 5) Area: 3.069e4, Height: 7.489e3, RT: 24.01 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 23.989 to 24.022 min ● [C9H22O4P2S4+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Ethion (563-12-2), CE=35±15  
98	乙虫腈	Std4 - Ethiprole (Standard) 396.9799 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.007e5, Height: 1.884e4, RT: 17.25 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...ment 1, from 17.224 to 17.257 min ● [C13H9Cl2F3N3O+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Ethiprole (181587-01-9), CE=20±0  
99	乙啉酚	Std4 - Ethirimol (Standard) 210.1501 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.573e6, Height: 1.765e5, RT: 9.81 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...ment 1, from 9.906 to 9.939 min ● [C11H19N3O+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Ethirimol (23847-60-6), CE=35±15  

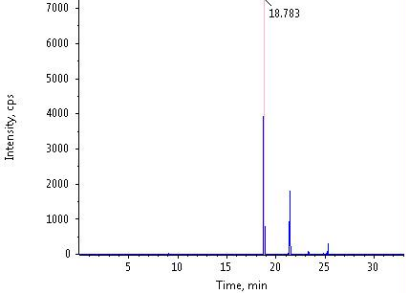
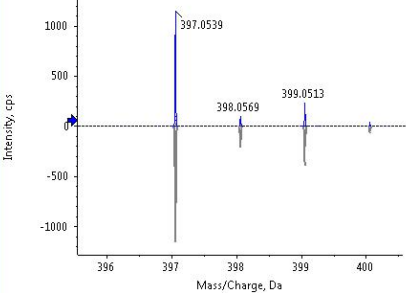
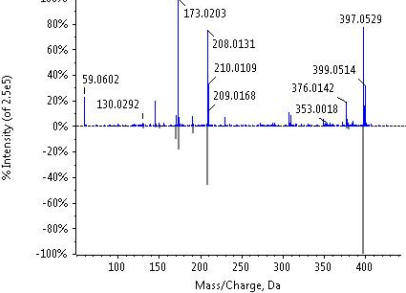
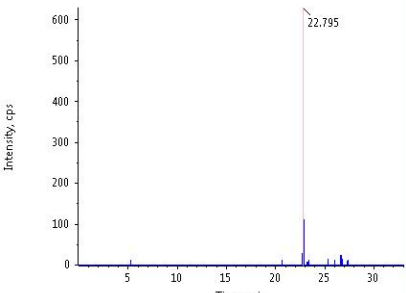
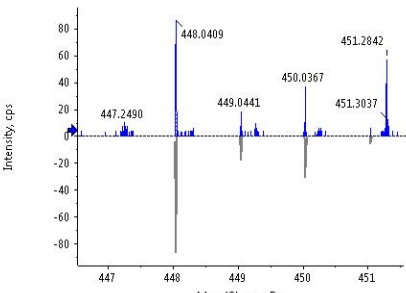
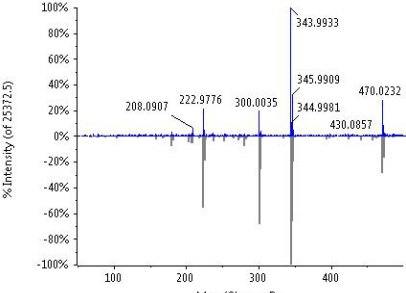
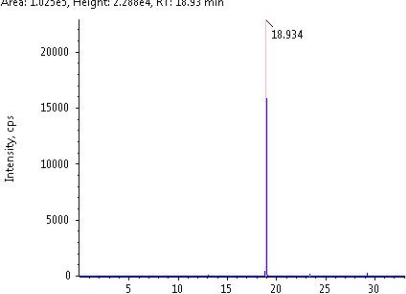
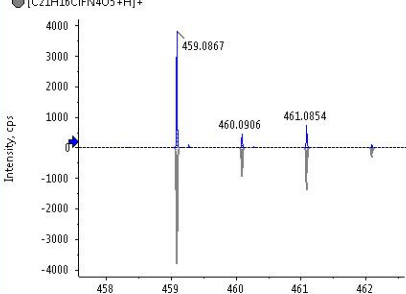
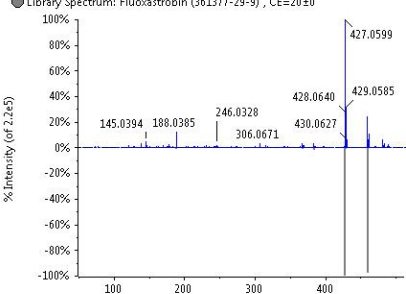
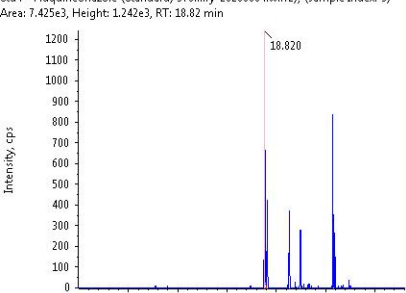
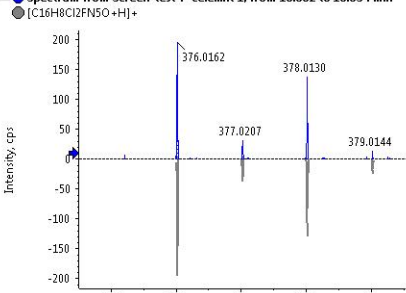
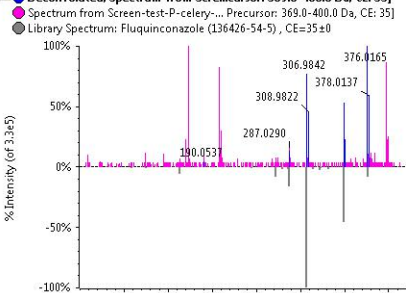
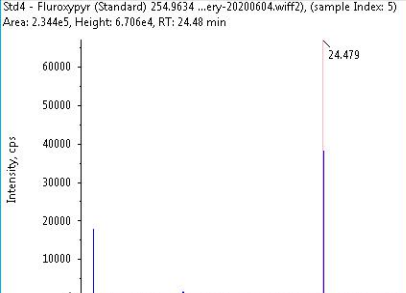
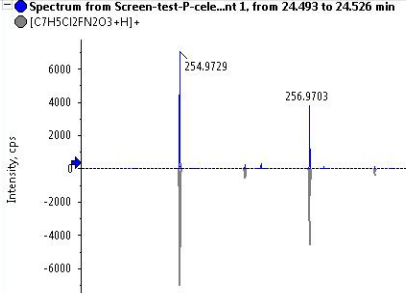
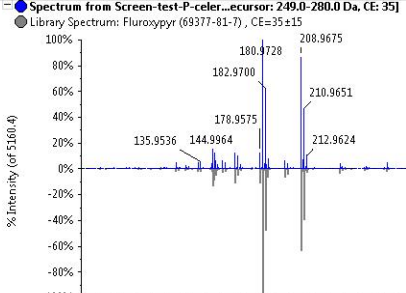
序号	化合物	一级图谱	二级图谱
100	灭线磷	Std4 - Ethoprophos (Standard) 243.053...ry-20200604.wiff2), (sample Index: 5) Area: 6.472e5, Height: 1.639e5, RT: 19.30 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.241 to 19.273 min ● [C8H19O2PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Ethoprophos (13194-48-4), CE=35±15</p> 
101	乙螨唑	Std4 - Etoxazole (Standard) 360.1670...ry-20200604.wiff2), (sample Index: 5) Area: 9.566e5, Height: 2.547e5, RT: 24.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.721 to 24.754 min ● [C21H23F2NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Etoxazole (153233-91-1), CE=50±0</p> 
102	咪唑菌酮	Std4 - Fenamidone (Standard) 312.1065...ry-20200604.wiff2), (sample Index: 5) Area: 1.320e5, Height: 2.336e4, RT: 17.12 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.094 to 17.127 min ● [C17H17N3OS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fenamidone (161326-34-7), CE=35±0</p> 
103	苯线磷	Std4 - Fenamiphos (Standard) 304.1031...ry-20200604.wiff2), (sample Index: 5) Area: 1.079e6, Height: 1.877e5, RT: 19.94 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.989 to 20.021 min ● [C13H22NO3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Fenamiphos (22224-92-6), CE=35±15</p> 
104	氯苯嘧啶醇	Std4 - Fenarimol (Standard) 331.0299...ry-20200604.wiff2), (sample Index: 5) Area: 4.387e4, Height: 8.914e3, RT: 18.96 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.948 to 18.981 min ● [C17H12Cl2N2O+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fenarimol (60168-88-9), CE=20±0</p> 

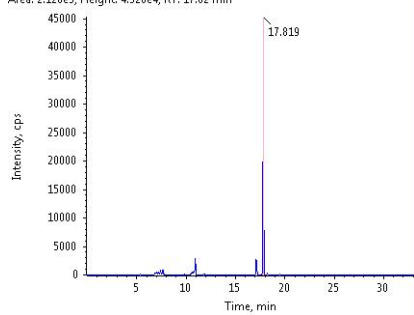
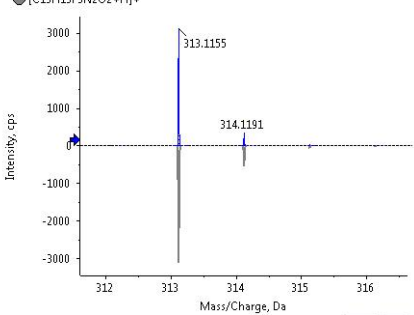
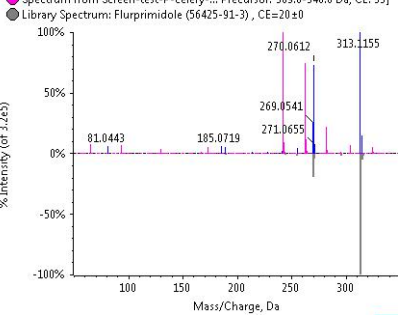
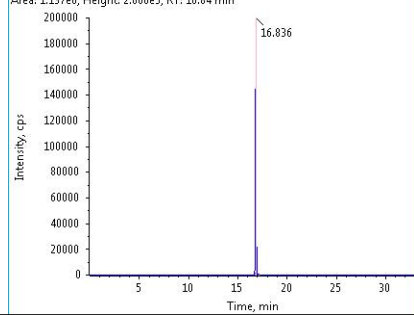
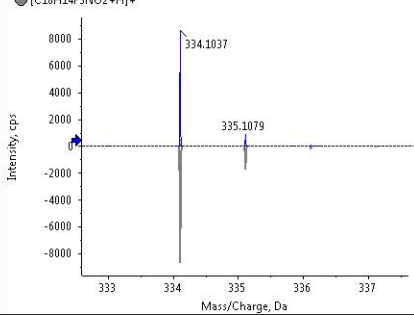
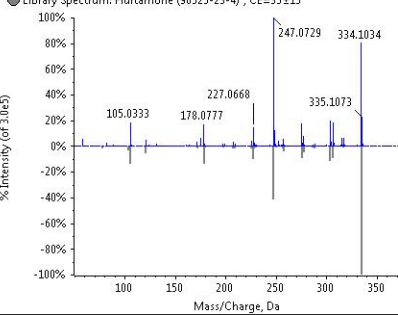
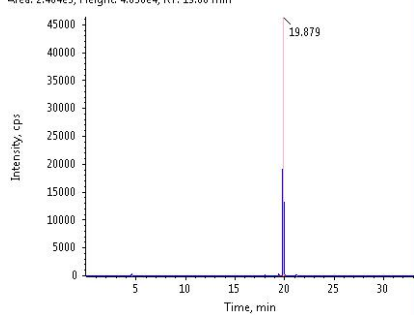
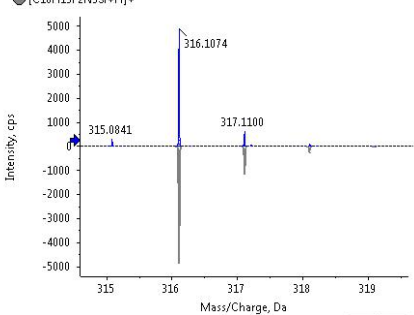
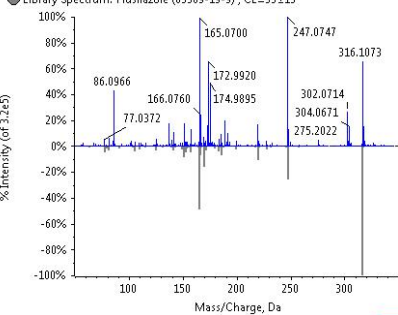
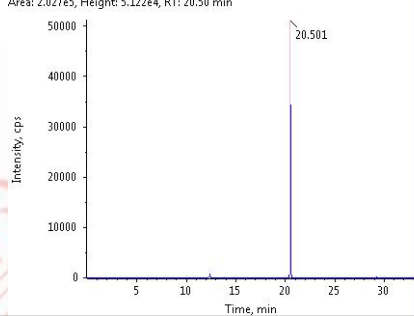
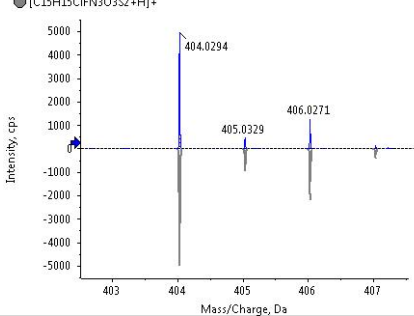
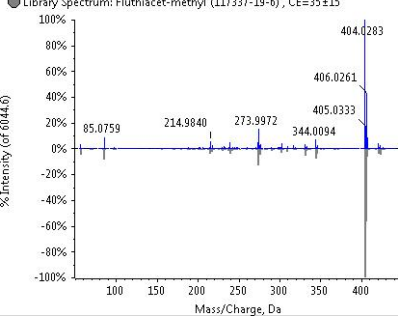
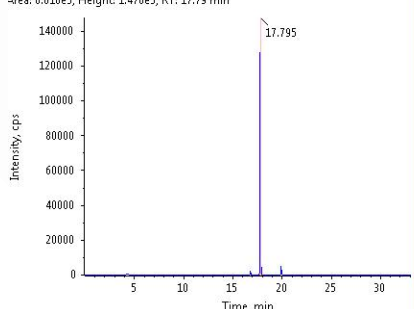
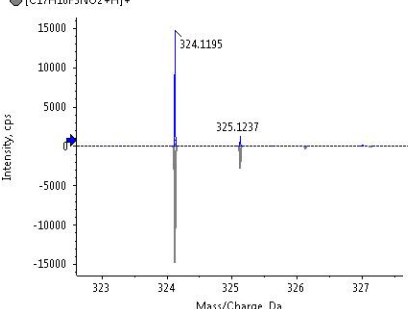
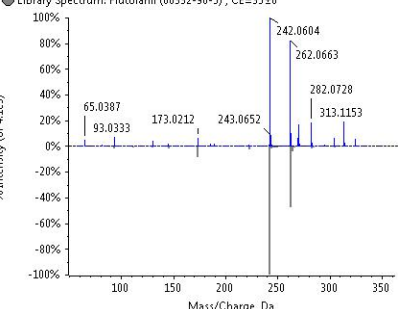
序号	化合物	一级图谱	二级图谱
105	喹螨醚	Std4 - Fenazaquin (Standard) 307.1705 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.282e6, Height: 3.372e5, RT: 25.58 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.599 to 25.632 min</p> <p>● [C20H22N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE=35]</p> <p>● Library Spectrum: Fenazaquin (120926-09-8), CE=35±10</p> 
106	腈苯唑	Std4 - Fenbuconazole (Standard) 337.1...ry-20200604.wiff2), (sample Index: 5) Area: 1.542e5, Height: 3.844e4, RT: 19.58 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.533 to 19.566 min</p> <p>● [C19H17ClN4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE=35]</p> <p>● Library Spectrum: Fenbuconazole (114369-43-6), CE=35±15</p> 
107	甲呋酰胺	Std4 - Fenfuram (Standard) 202.0763 ...ry-20200604.wiff2), (sample Index: 5) Area: 9.041e5, Height: 1.455e5, RT: 12.74 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.671 to 12.703 min</p> <p>● [C12H11NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE=35]</p> <p>● Library Spectrum: Fenfuram (24691-80-3), CE=35±10</p> 
108	仲丁威	Std4 - Fenobucarb (Standard) 208.1232 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.255e4, Height: 2.656e3, RT: 16.37 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.362 to 16.395 min</p> <p>● [C12H17NO2+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE=35]</p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE=35]</p> <p>● Library Spectrum: Fenobucarb (3766-81-2), CE=20±10</p> 
109	苯硫威	Std4 - Fenothiocarb (Standard) 254.110...ry-20200604.wiff2), (sample Index: 5) Area: 3.239e5, Height: 7.656e4, RT: 20.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.021 to 20.054 min</p> <p>● [C13H19NO2S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE=35]</p> <p>● Library Spectrum: Fenothiocarb (62850-32-2), CE=35±10</p> 

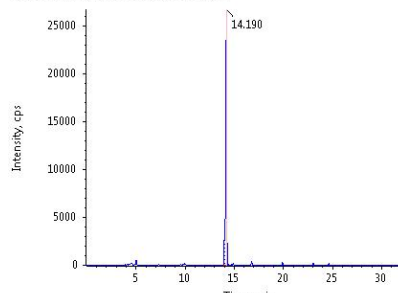
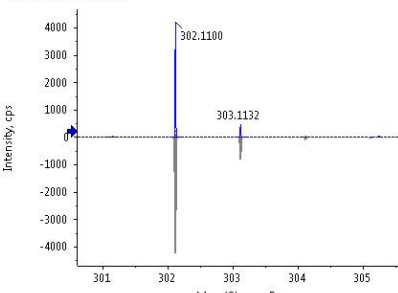
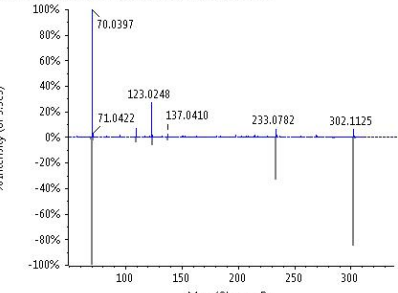
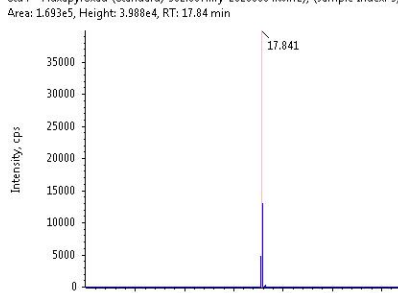
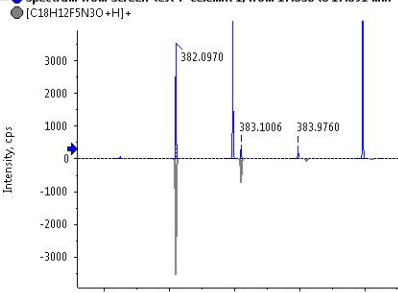
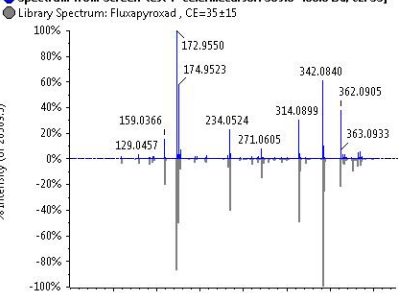
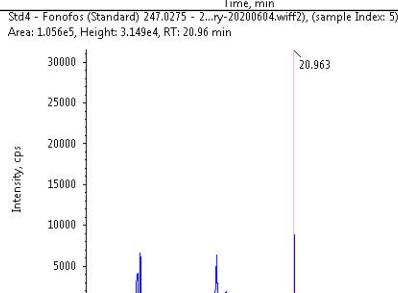
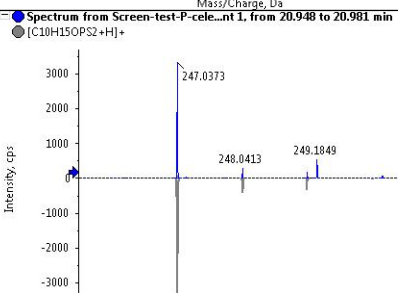
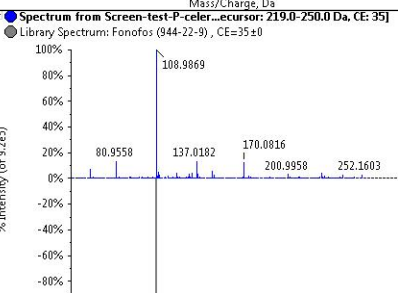
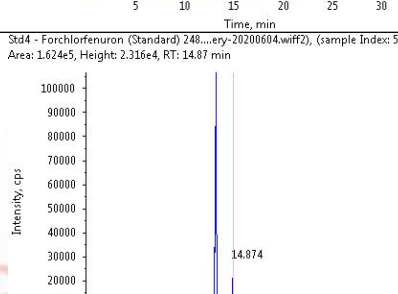
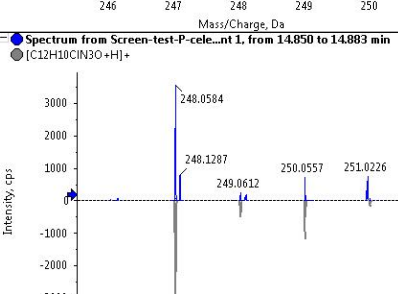
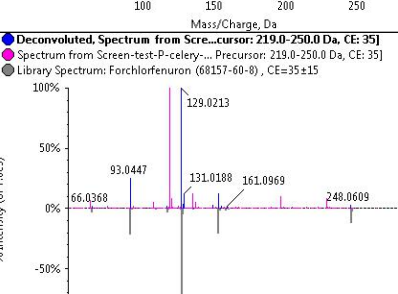
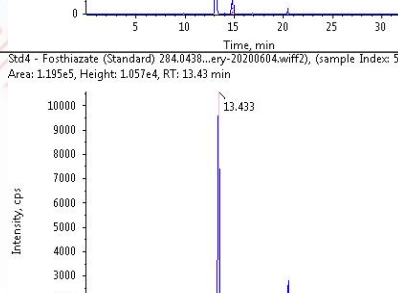
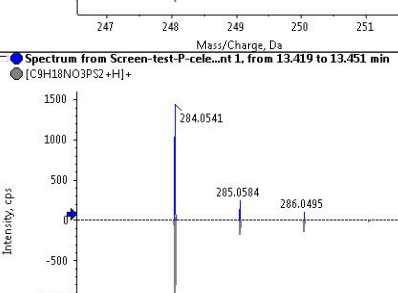
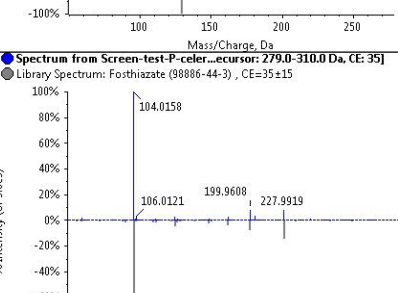
序号	化合物	一级图谱	二级图谱
110	噁唑禾草灵	Std4 - Fenoxaprop-ethyl (Standard) 362...ry-20200604.wiff2), (sample Index: 5) Area: 7.561e5, Height: 1.779e5, RT: 23.25 min 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 23.258 to 23.290 min ● [C18H16ClNO5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Fenoxaprop-P-ethyl (71283-80-2), CE=20±0</p> 
111	拌种咯	Std4 - Fenpiclonil (Standard) 236.9881...ry-20200604.wiff2), (sample Index: 5) Area: 3.921e4, Height: 6.674e3, RT: 15.68 min 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 15.663 to 15.696 min ● [C11H6Cl2N2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Fenpiclonil (74738-17-3), CE=35±15</p> 
112	苯锈啉	Std4 - Fenpropidin (Standard) 274.2429...ry-20200604.wiff2), (sample Index: 5) Area: 1.389e6, Height: 1.704e5, RT: 14.88 min 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 14.785 to 14.817 min ● [C19H31N+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fenpropidin (67306-00-7), CE=35±15</p> 
113	丁苯吗啉	Std4 - Fenpropimorph (Standard) 304.2...ry-20200604.wiff2), (sample Index: 5) Area: 5.036e4, Height: 7.224e3, RT: 15.98 min 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 15.972 to 16.005 min ● [C20H33NO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Fenpropimorph (67306-03-0), CE=35±15</p> 
114	唑螨酯	Std4 - Fenpyroximate (Standard) 422.19...ry-20200604.wiff2), (sample Index: 5) Area: 6.466e5, Height: 1.980e5, RT: 25.04 min 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 25.063 to 25.095 min ● [C24H27N3O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Fenpyroximate (111812-58-9), CE=20±0</p> 

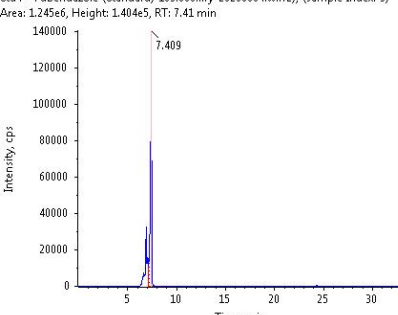
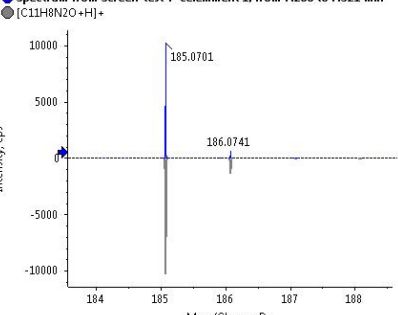
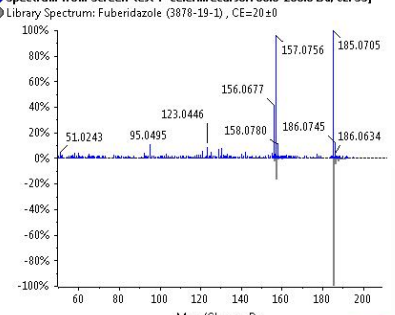
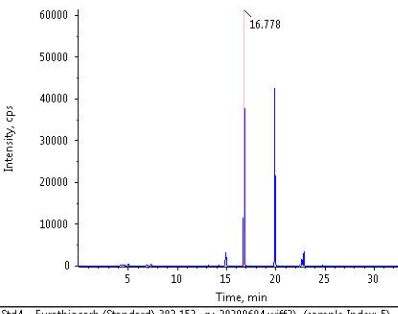
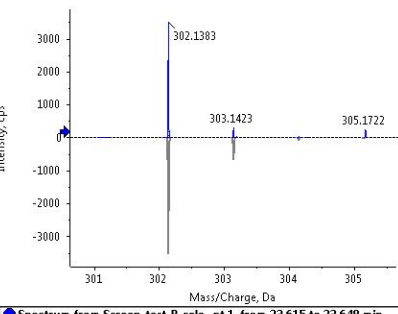
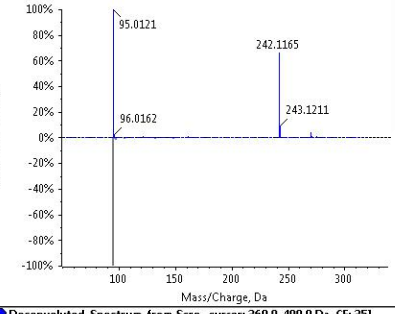
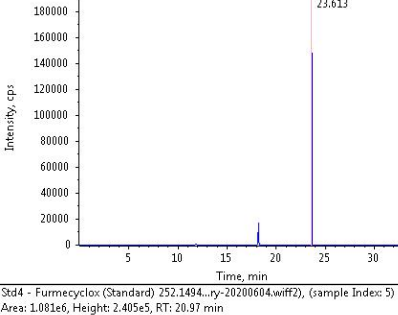
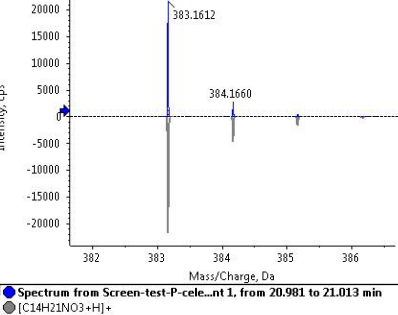
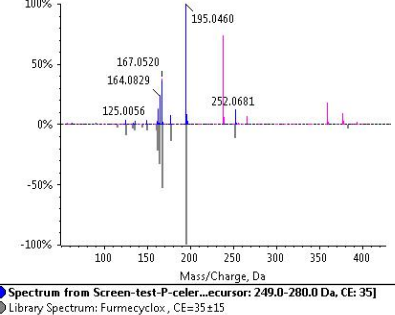
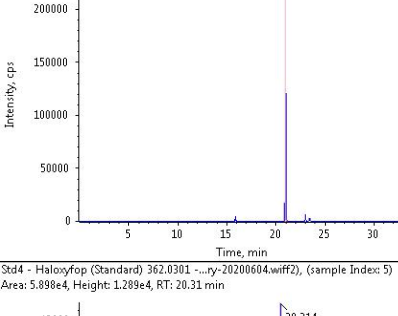
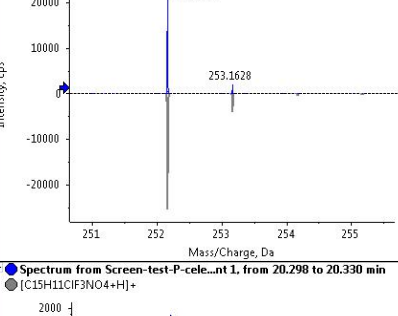
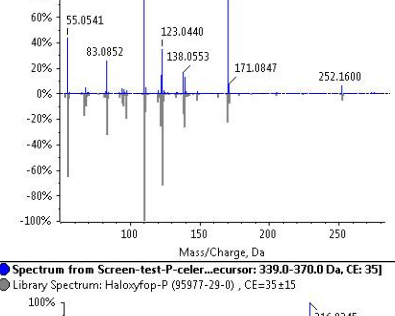
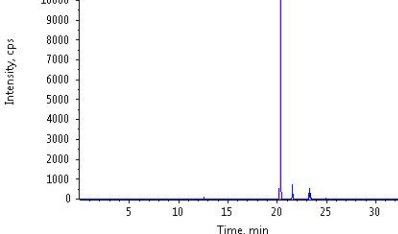
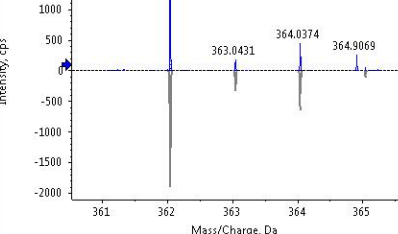
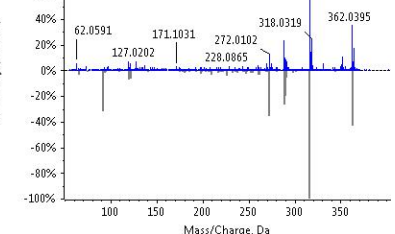
序号	化合物	一级图谱	二级图谱
115	倍硫磷	Std4 - Fenthion (Standard) 279.0173 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.957e5, Height: 8.623e4, RT: 20.68 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 20.672 to 20.704 min ● [C10H15O3PS2+H]⁺  ● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fenthion (55-38-9), CE=20±0 
116	非草隆	Std4 - Fenuron (Standard) 165.0922 - 1...ry-20200604.wiff2), (sample Index: 5) Area: 2.133e5, Height: 2.281e4, RT: 7.30 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...ment 1, from 7.239 to 7.272 min ● [C9H12N2O+H]⁺  ● Deconvoluted, Spectrum from Scre...cursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Fenuron (101-42-8), CE=35±0 
117	麦草氟异丙酯	Std4 - Flamprom-isopropyl (Standard) 3...ry-20200604.wiff2), (sample Index: 5) Area: 7.457e4, Height: 1.799e4, RT: 21.04 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 21.062 to 21.095 min ● [C19H19ClFNO3+H]⁺  ● Deconvoluted, Spectrum from Scre...cursor: 339.0-370.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Flamprom-M-isopropyl (63782-90-1), CE=35±0 
118	氟啶虫酰胺	Std4 - Flonicamid (Standard) 230.0436 - ...ry-20200604.wiff2), (sample Index: 5) Area: 6.085e4, Height: 8.204e3, RT: 5.66 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...ment 1, from 5.646 to 5.678 min ● [C9H6F3N3O3+H]⁺  ● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Flonicamid (158062-67-0), CE=20±0 
119	吡氟禾草酸	Std4 - Fluazifop (Standard) 328.0691 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.101e4, Height: 4.099e3, RT: 17.02 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 17.029 to 17.062 min ● [C15H12F3NO4+H]⁺  ● Spectrum from Screen-test-P-celery...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fluazifop (free acid) (83066-88-0), CE=35±15 

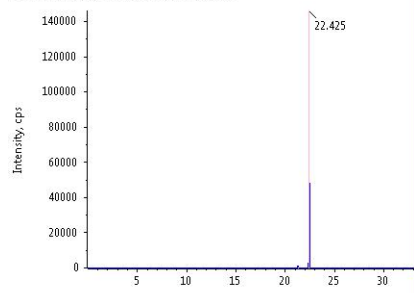
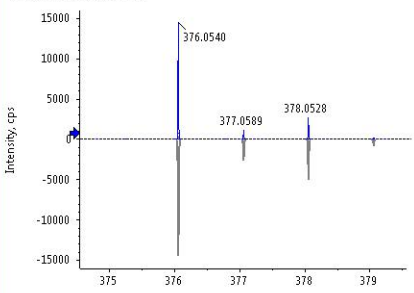
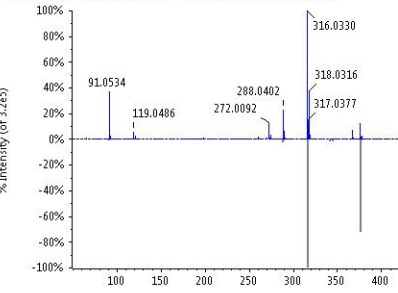
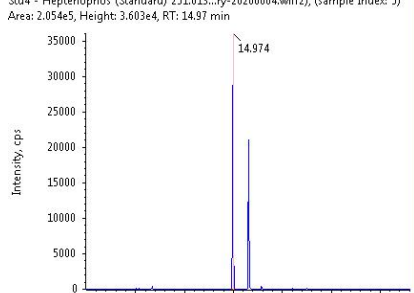
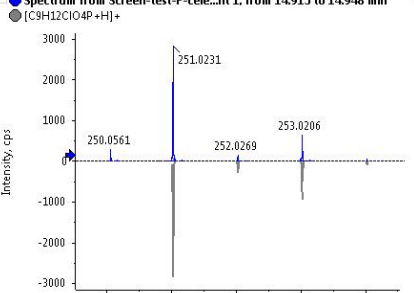
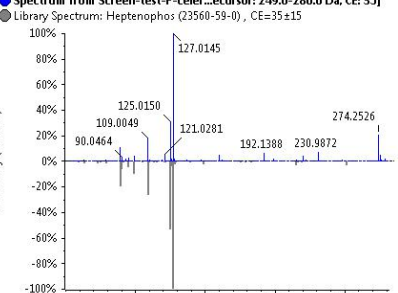
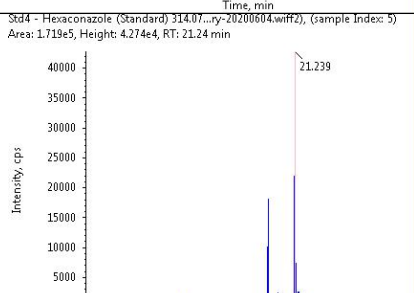
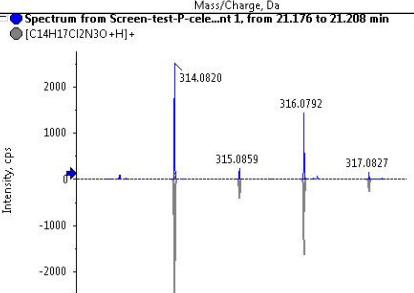
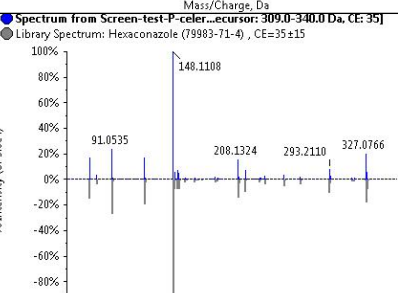
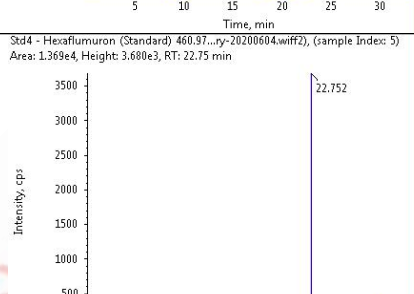
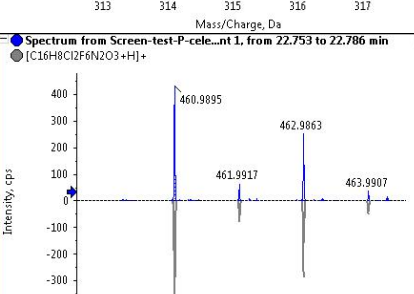
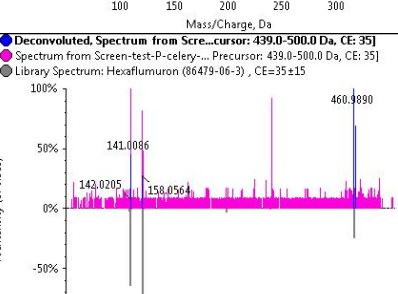
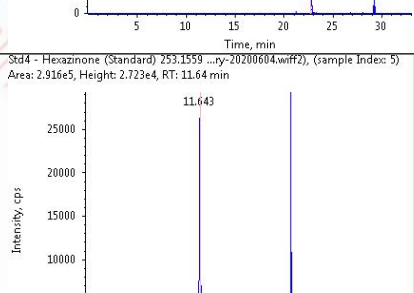
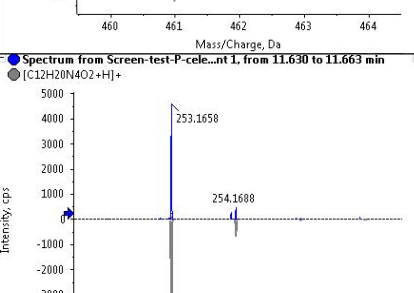
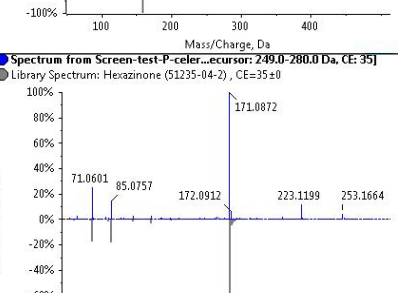
序号	化合物	一级图谱	二级图谱
120	氟噻草胺	<p>Std4 - Flufenacet (Standard) 364.0637...ry-20200604.wiff2), (sample Index: 5) Area: 2.103e4, Height: 4.410e3, RT: 19.16 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.143 to 19.176 min ● [C14H13F4N3O2S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 399.0-370.0 Da, CE: 35] ● Library Spectrum: Flufenacet (142459-58-3), CE=35±15</p> 
121	氟虫脒	<p>Std4 - Flufenoxuron (Standard) 489.033...ry-20200604.wiff2), (sample Index: 5) Area: 6.189e4, Height: 1.960e4, RT: 24.55 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.542 to 24.575 min ● [C21H11ClF6N2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 499.0-500.0 Da, CE: 35] ● Library Spectrum: Flufenoxuron (101463-69-8), CE=35±0</p> 
122	氟吗啉	<p>Std4 - Flumorph (Standard) 372.1506...ry-20200604.wiff2), (sample Index: 5) Area: 4.539e5, Height: 8.485e4, RT: 15.42 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.435 to 15.468 min ● [C21H22FN4O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Flumorph (211867-47-9), CE=35±0</p> 
123	氟草隆	<p>Std4 - Fluometuron (Standard) 233.079...ry-20200604.wiff2), (sample Index: 5) Area: 7.537e5, Height: 1.788e5, RT: 13.27 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.240 to 13.273 min ● [C10H11F3N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Fluometuron (2164-17-2), CE=20±0</p> 
124	氟吡菌胺	<p>Std4 - Flupicolide (Standard) 382.962...ry-20200604.wiff2), (sample Index: 5) Area: 1.805e5, Height: 3.595e4, RT: 17.89 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.826 to 17.858 min ● [C14H8Cl3F3N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Flupicolide (239110-15-7), CE=35±15</p> 

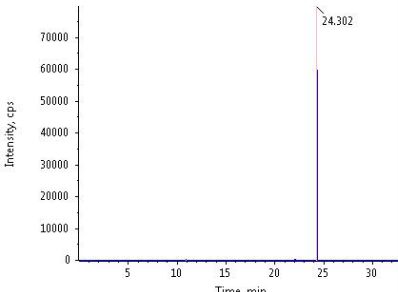
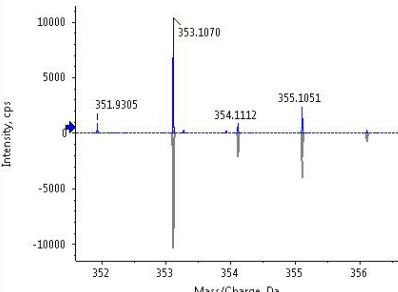
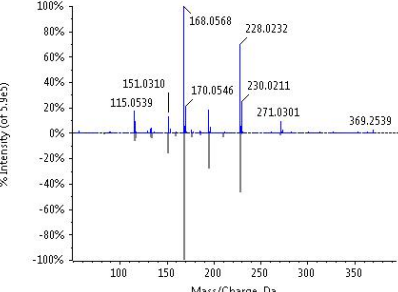
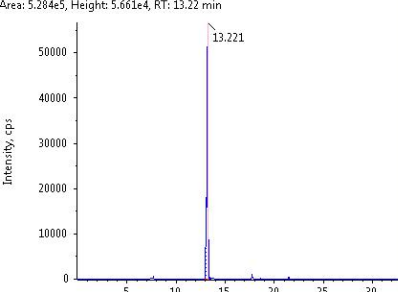
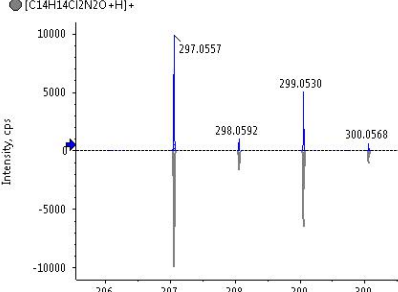
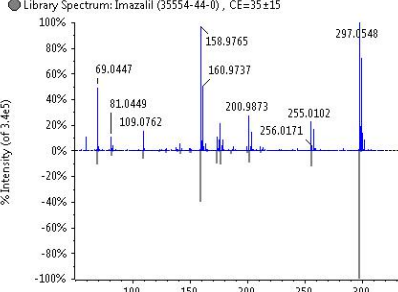
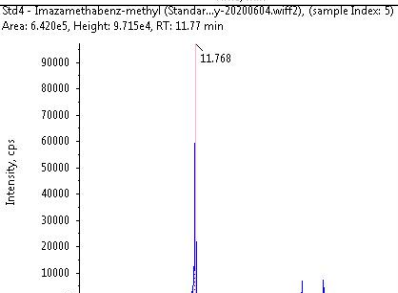
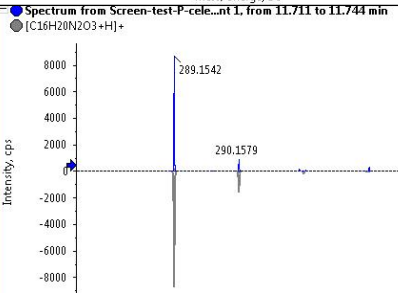
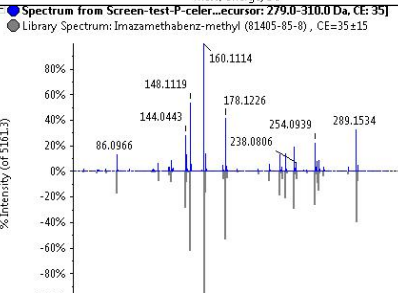
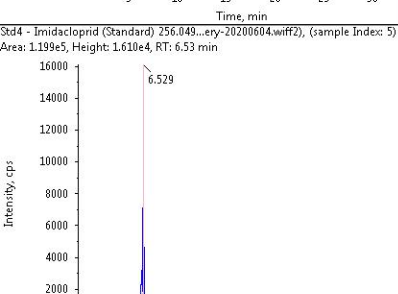
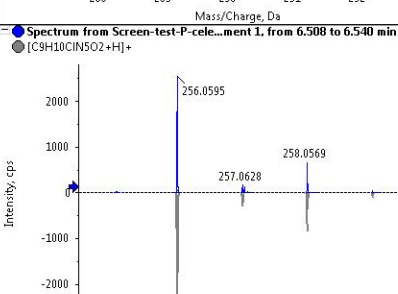
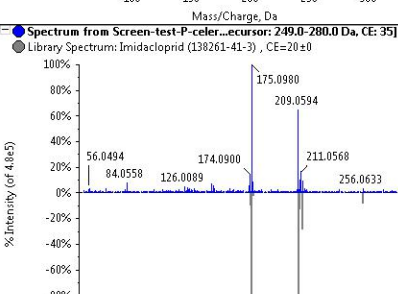
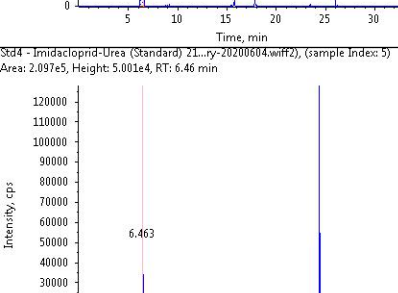
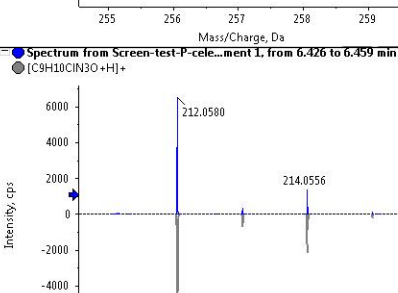
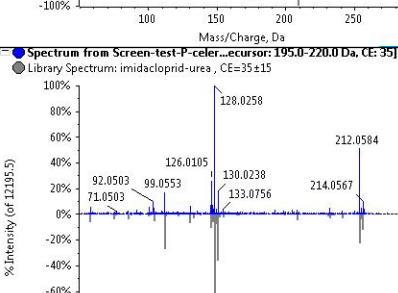
序号	化合物	一级图谱	二级图谱
125	氟吡菌酰胺	Std4 - Fluopyram (Standard) 397.0437 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.465e4, Height: 7.276e3, RT: 18.78 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.769 to 18.802 min ● [C16H11ClF6N2O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Fluopyram (658066-35-4), CE=20±0</p> 
126	乙羧氟草醚	Std4 - Fluoroglycofen-ethyl (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 2.184e3, Height: 6.292e2, RT: 22.79 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.786 to 22.818 min ● [C18H13ClF3NO7+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Fluoroglycofen-ethyl, CE=35±15</p> 
127	氟啉菌酯	Std4 - Fluoxastrobin (Standard) 459.07...ry-20200604.wiff2), (sample Index: 5) Area: 1.025e5, Height: 2.288e4, RT: 18.93 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.916 to 18.948 min ● [C21H16ClF4O5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Fluoxastrobin (361377-29-9), CE=20±0</p> 
128	氟唑啉	Std4 - Fluquinconazole (Standard) 376...ry-20200604.wiff2), (sample Index: 5) Area: 7.425e3, Height: 1.242e3, RT: 18.82 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.802 to 18.834 min ● [C16H8Cl2FN5O+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Fluquinconazole (136426-54-5), CE=35±0</p> 
129	氯氟吡氧乙酸	Std4 - Fluroxypyr (Standard) 254.9634 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.344e5, Height: 6.706e4, RT: 24.48 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.493 to 24.526 min ● [C7H5Cl2FN2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fluroxypyr (69377-81-7), CE=35±15</p> 

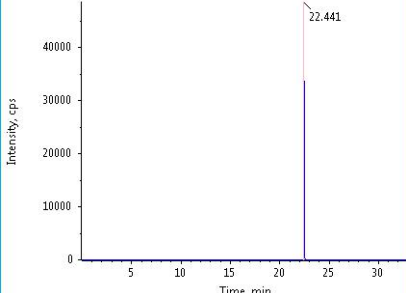
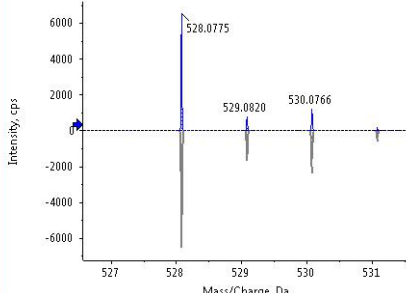
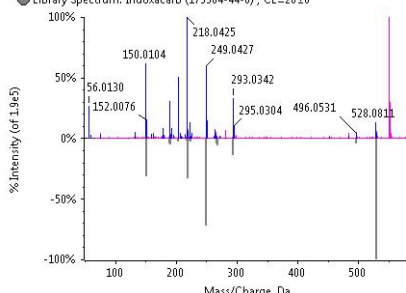
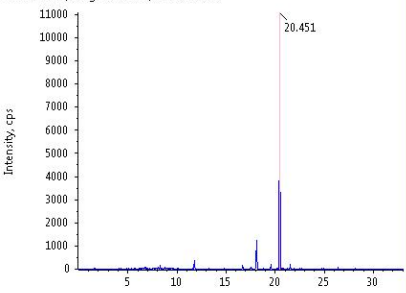
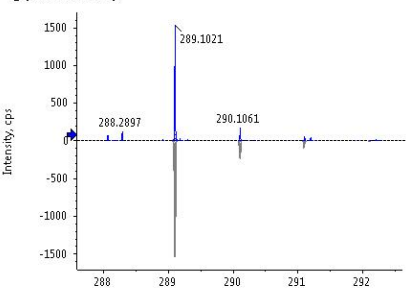
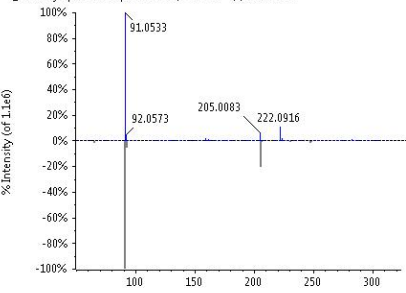
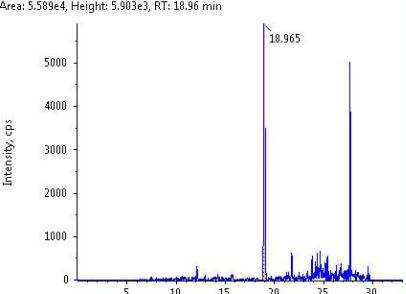
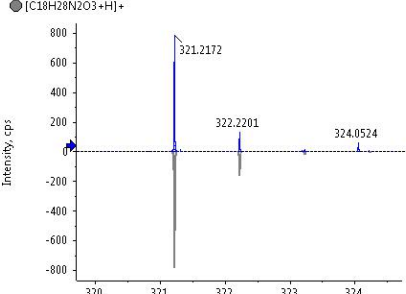
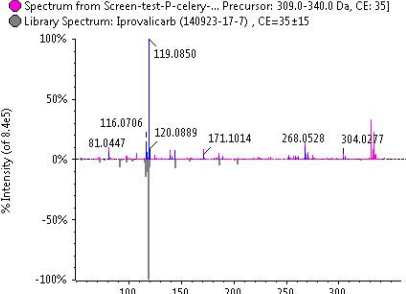
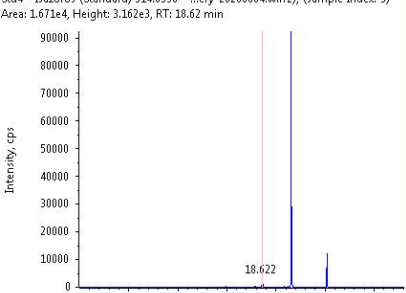
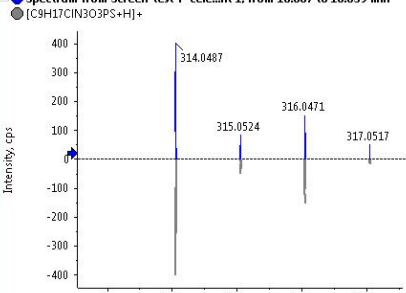
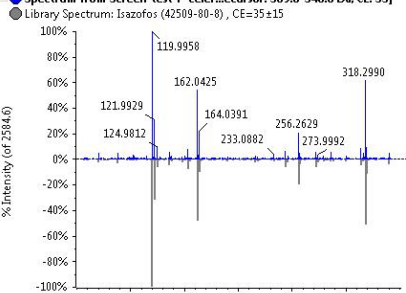
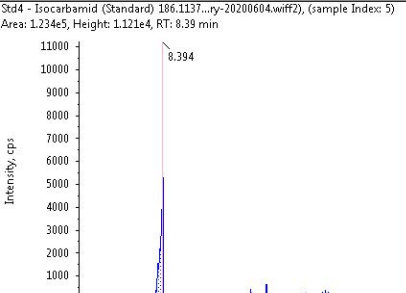
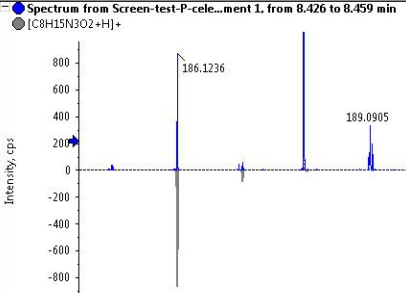
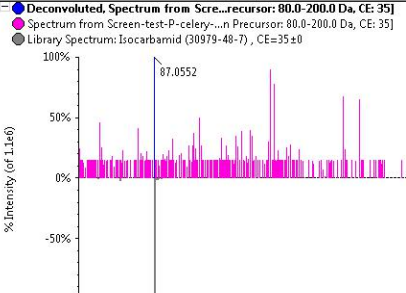
序号	化合物	一级图谱	二级图谱
130	咪唑啉酮	<p>Std4 - Flurprimidol (Standard) 313.105...ry-20200604.wiff2), (sample Index: 5) Area: 2.120e5, Height: 4.528e4, RT: 17.82 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.761 to 17.793 min ● [C15H15F3N2O2+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flurprimidole (56425-91-3), CE=20±0</p> 
131	咪唑啉酮	<p>Std4 - Flutramone (Standard) 334.0949...ry-20200604.wiff2), (sample Index: 5) Area: 1.137e6, Height: 2.000e5, RT: 16.84 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.883 to 16.915 min ● [C18H14F3N2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flutramone (96525-23-4), CE=35±15</p> 
132	氟硅唑	<p>Std4 - Flusilazole (Standard) 316.0976...ry-20200604.wiff2), (sample Index: 5) Area: 2.484e5, Height: 4.636e4, RT: 19.88 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.826 to 19.859 min ● [C16H15F2N3Si+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flusilazole (85509-19-9), CE=35±15</p> 
133	噻草酸甲酯	<p>Std4 - Fluthiacet-methyl (Standard) 404.0976...ry-20200604.wiff2), (sample Index: 5) Area: 2.027e5, Height: 5.122e4, RT: 20.50 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.509 to 20.542 min ● [C15H15ClF3N3O3S2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Fluthiacet-methyl (117337-19-6), CE=35±15</p> 
134	氟酰胺	<p>Std4 - Flutolanil (Standard) 324.1106...ry-20200604.wiff2), (sample Index: 5) Area: 6.610e5, Height: 1.476e5, RT: 17.79 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.745 to 17.777 min ● [C17H16F3NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flutolanil (66332-96-5), CE=35±0</p> 

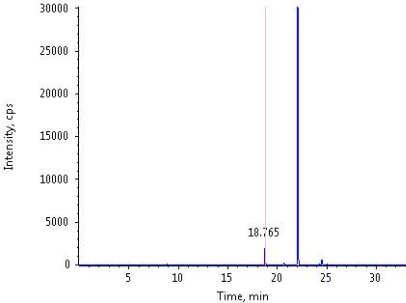
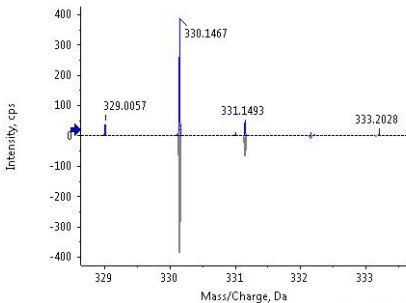
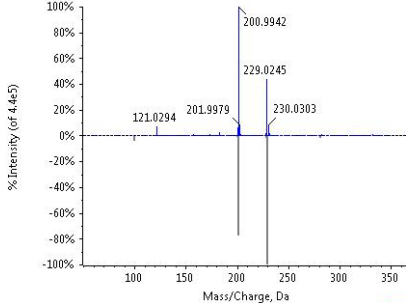
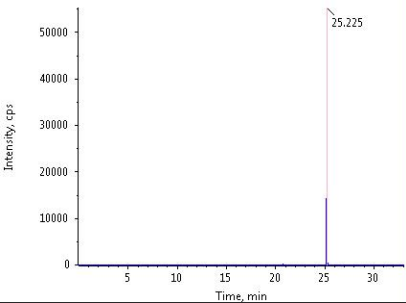
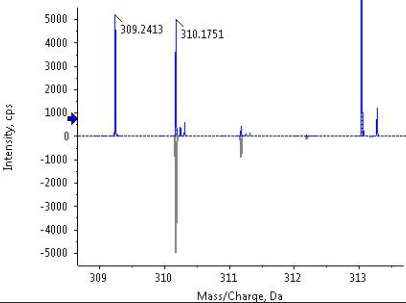
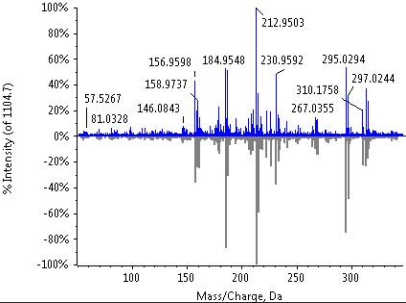
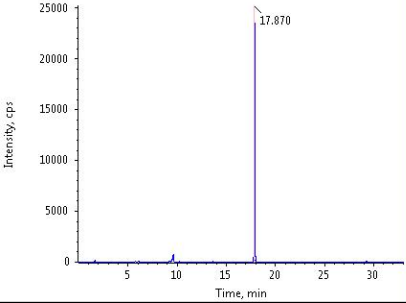
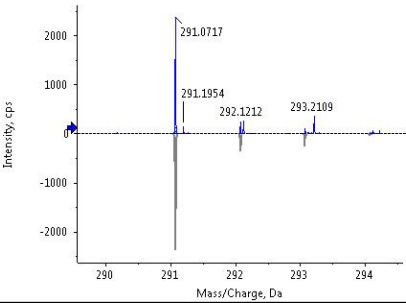
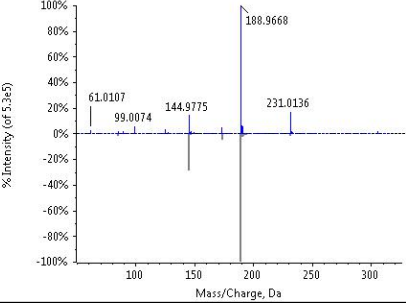
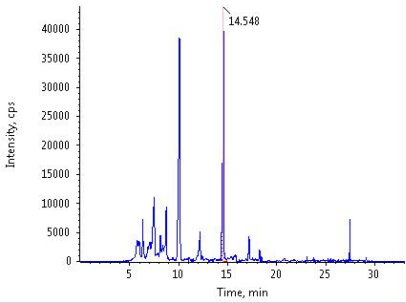
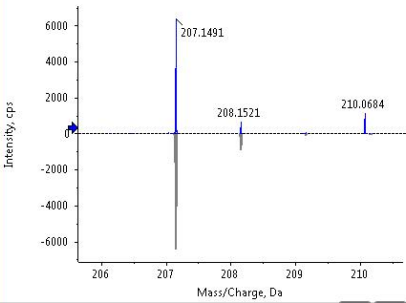
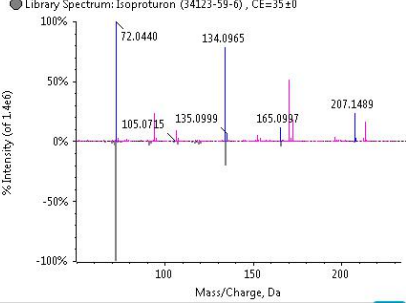
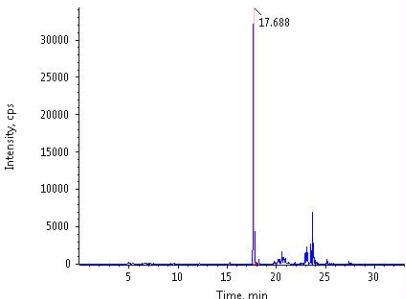
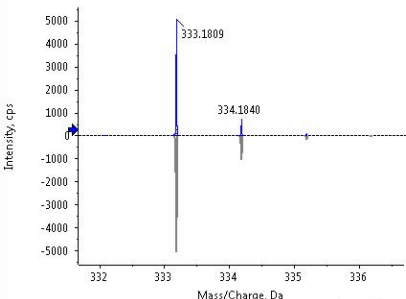
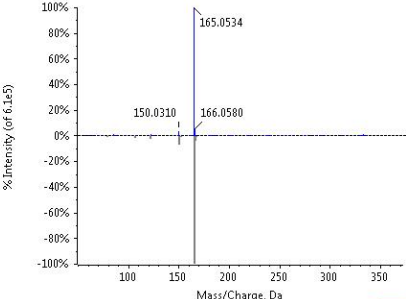
序号	化合物	一级图谱	二级图谱
135	粉唑醇	Std4 - Flutriafol (Standard) 302.0999...ry-20200604.wiff2), (sample Index: 5) Area: 1.854e5, Height: 2.669e4, RT: 14.19 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.167 to 14.200 min ● [C16H13F2N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE=35] ● Library Spectrum: Flutriafol (76674-21-0), CE=20±0</p> 
136	氟唑菌酰胺	Std4 - Fluxapyroxad (Standard) 382.087...ry-20200604.wiff2), (sample Index: 5) Area: 1.693e5, Height: 3.988e4, RT: 17.84 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.858 to 17.891 min ● [C18H12F5N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE=35] ● Library Spectrum: Fluxapyroxad, CE=35±15</p> 
137	地虫硫磷	Std4 - Fonofos (Standard) 247.0275...ry-20200604.wiff2), (sample Index: 5) Area: 1.056e5, Height: 3.149e4, RT: 20.96 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.948 to 20.981 min ● [C10H15OPS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE=35] ● Library Spectrum: Fonofos (944-22-9), CE=35±0</p> 
138	氯吡啶	Std4 - Forchlorfenuron (Standard) 248...ry-20200604.wiff2), (sample Index: 5) Area: 1.624e5, Height: 2.316e4, RT: 14.87 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.850 to 14.883 min ● [C12H10ClN3O+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE=35] ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE=35] ● Library Spectrum: Forchlorfenuron (68157-60-8), CE=35±15</p> 
139	噻唑磷	Std4 - Forthiazate (Standard) 284.0438...ry-20200604.wiff2), (sample Index: 5) Area: 1.195e5, Height: 1.057e4, RT: 13.43 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.419 to 13.451 min ● [C9H10NO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE=35] ● Library Spectrum: Forthiazate (98886-44-3), CE=35±15</p> 

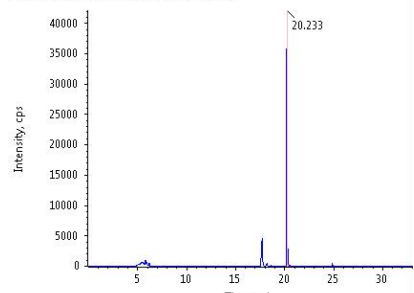
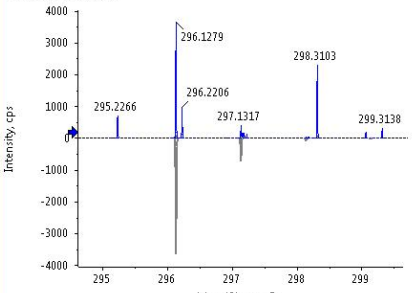
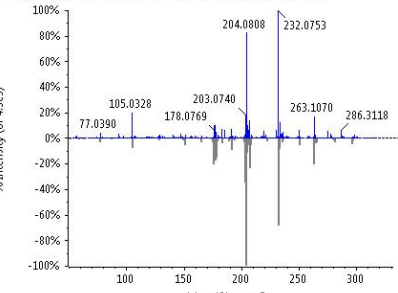
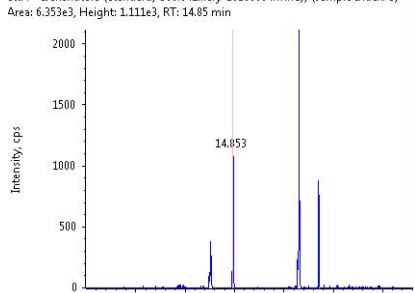
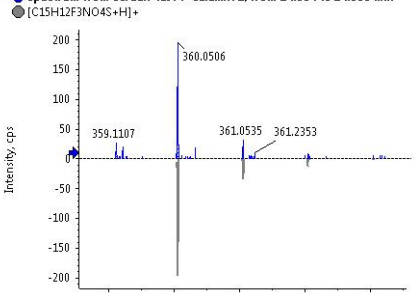
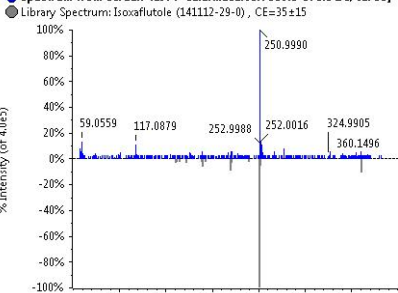
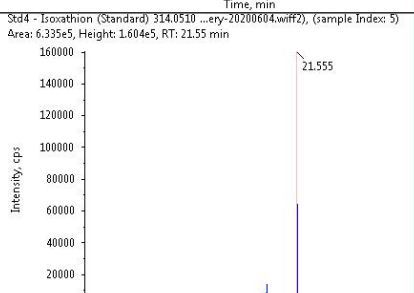
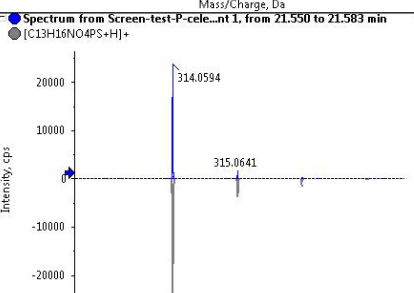
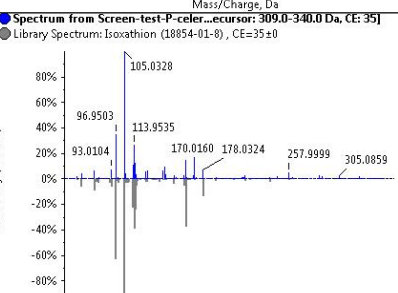
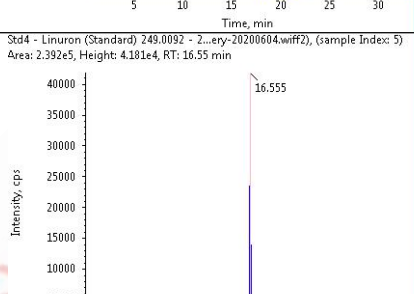
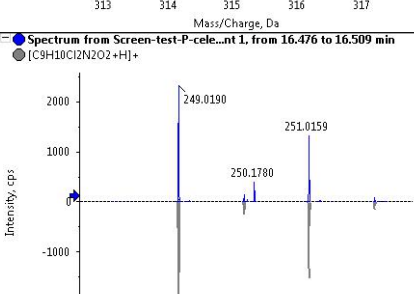
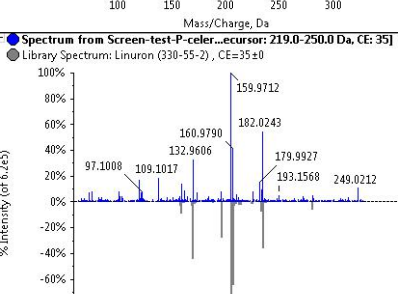
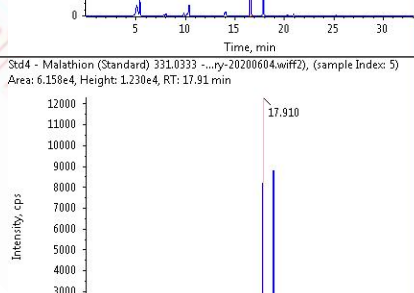
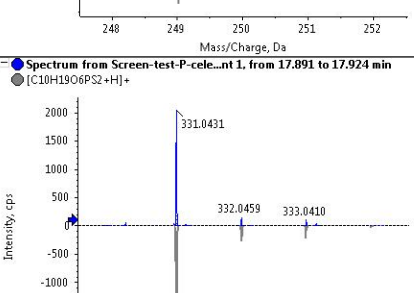
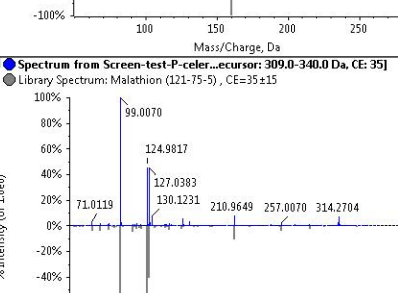
序号	化合物	一级图谱	二级图谱
140	麦穗宁	Std4 - Fubendazole (Standard) 185.060...ry-20200604.wiff2), (sample Index: 5) Area: 1.245e6, Height: 1.404e5, RT: 7.41 min 	 ● Spectrum from Screen-test-P-celer...ment 1. from 7.288 to 7.321 min ● [C11H8N2O+H] ⁺  ● Spectrum from Screen-test-P-celer...recursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Fubendazole (3878-19-1), CE=20±0
141	呋霜灵	Std4 - Furalaxyl (Standard) 302.1287...ry-20200604.wiff2), (sample Index: 5) Area: 3.169e5, Height: 6.136e4, RT: 16.78 min 	 ● Spectrum from Screen-test-P-celer...nt 1. from 16.818 to 16.850 min ● [C17H19NO4+H] ⁺  ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Furalaxyl (57646-30-7), CE=30±0
142	呋线威	Std4 - Furathiocarb (Standard) 383.153...ry-20200604.wiff2), (sample Index: 5) Area: 5.778e5, Height: 1.979e5, RT: 23.61 min 	 ● Spectrum from Screen-test-P-celer...nt 1. from 23.615 to 23.648 min ● [C18H26N2O5S+H] ⁺  ● Deconvoluted, Spectrum from Scre...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Furathiocarb (65907-30-4), CE=35±15
143	拌种胺	Std4 - Fumecycloz (Standard) 252.1494...ry-20200604.wiff2), (sample Index: 5) Area: 1.081e6, Height: 2.405e5, RT: 20.97 min 	 ● Spectrum from Screen-test-P-celer...nt 1. from 20.981 to 21.013 min ● [C14H21NO3+H] ⁺  ● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fumecycloz, CE=35±15
144	氟吡禾灵	Std4 - Haloxyp-P (Standard) 362.0301...ry-20200604.wiff2), (sample Index: 5) Area: 5.898e4, Height: 1.209e4, RT: 20.31 min 	 ● Spectrum from Screen-test-P-celer...nt 1. from 20.298 to 20.330 min ● [C15H11ClF3NO4+H] ⁺  ● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Haloxyp-P (95977-28-0), CE=35±15

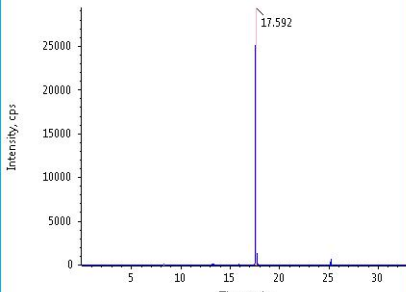
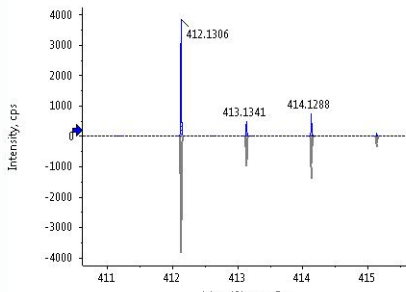
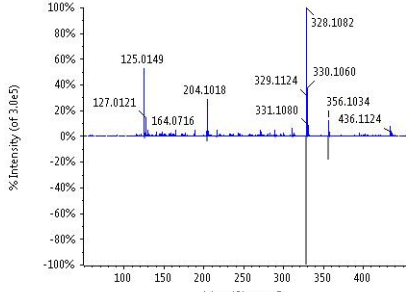
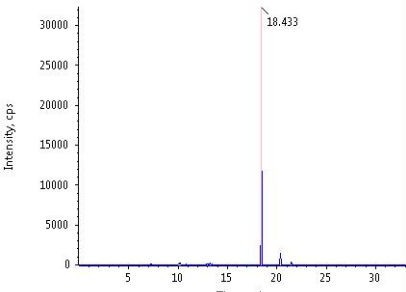
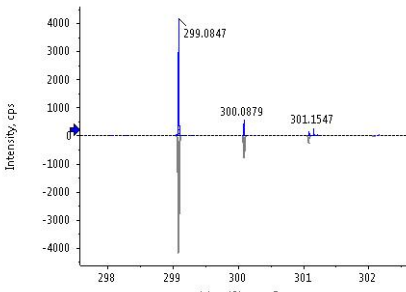
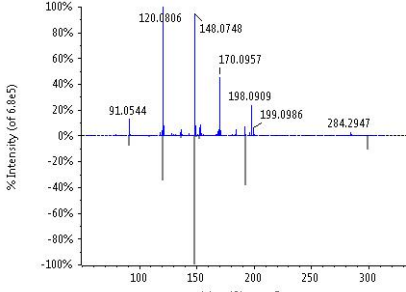
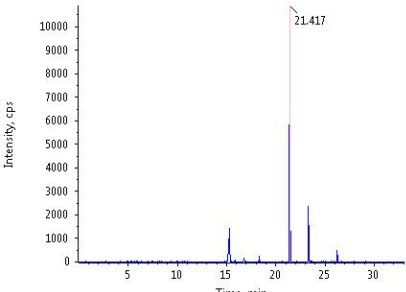
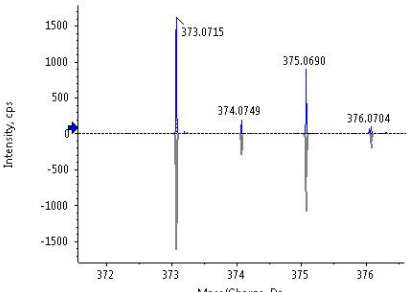
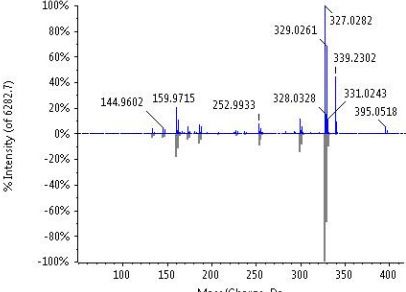
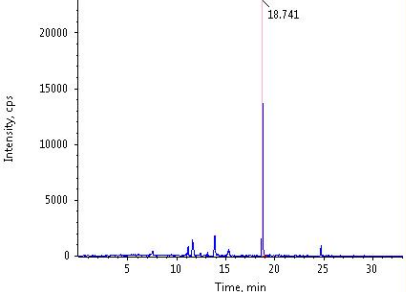
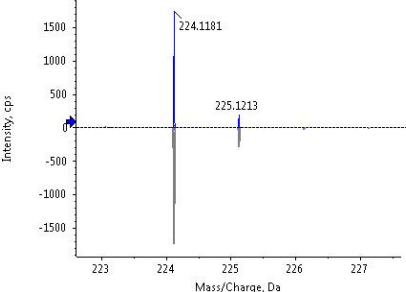
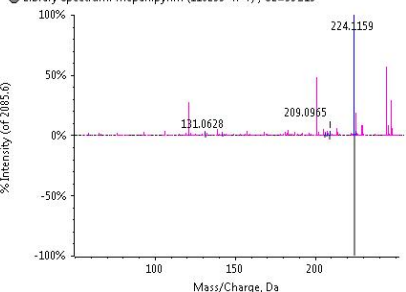
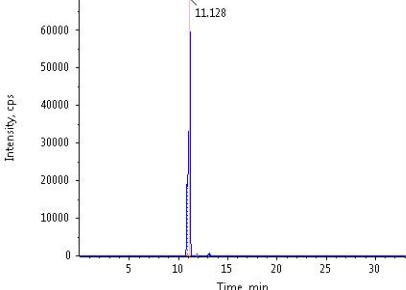
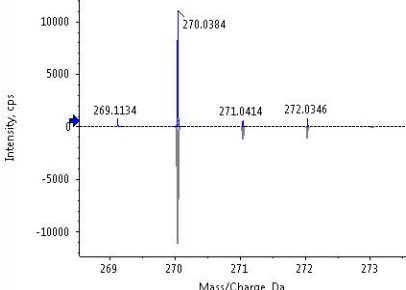
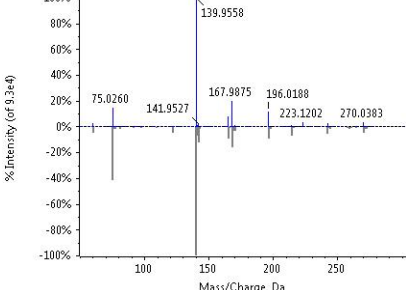
序号	化合物	一级图谱	二级图谱
145	氟吡甲禾灵	Std4 - Haloxyp-methyl (Standard) 376...ry-20200604.wiff2), (sample Index: 5) Area: 5.312e5, Height: 1.460e5, RT: 22.42 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.379 to 22.412 min ● [C16H13ClF3NO4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Haloxyp-methyl (72619-32-0), CE=20±0</p> 
146	庚烯磷	Std4 - Heptenophos (Standard) 251.013...ry-20200604.wiff2), (sample Index: 5) Area: 2.054e5, Height: 3.603e4, RT: 14.97 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.915 to 14.948 min ● [C9H12ClO4P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Heptenophos (23560-59-0), CE=35±15</p> 
147	己唑醇	Std4 - Hexaconazole (Standard) 314.07...ry-20200604.wiff2), (sample Index: 5) Area: 1.719e5, Height: 4.274e4, RT: 21.24 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.176 to 21.208 min ● [C14H17Cl2N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Hexaconazole (79983-71-4), CE=35±15</p> 
148	氟铃脲	Std4 - Hexaflumuron (Standard) 460.97...ry-20200604.wiff2), (sample Index: 5) Area: 1.369e4, Height: 3.680e3, RT: 22.75 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.753 to 22.786 min ● [C16H8Cl2F6N2O3+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Hexaflumuron (86479-06-3), CE=35±15</p> 
149	环嗪酮	Std4 - Hexazinone (Standard) 253.1559...ry-20200604.wiff2), (sample Index: 5) Area: 2.916e5, Height: 2.723e4, RT: 11.64 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.630 to 11.663 min ● [C12H20N4O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Hexazinone (51235-04-2), CE=35±0</p> 

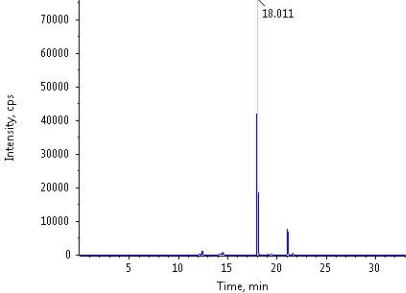
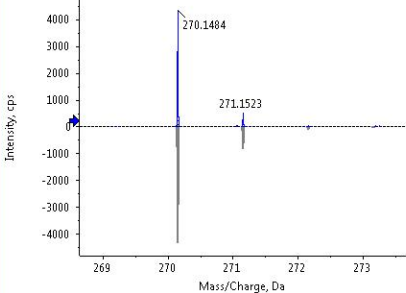
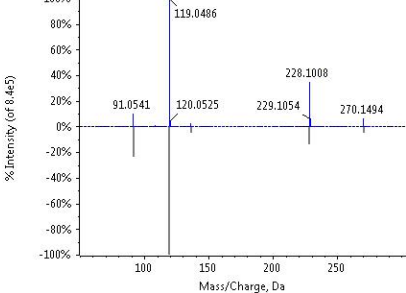
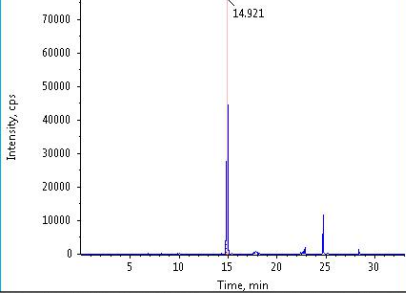
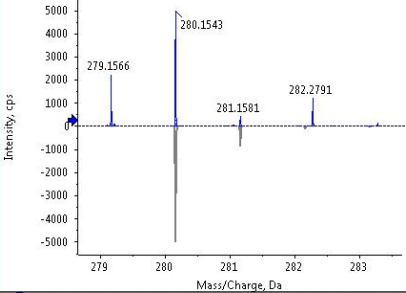
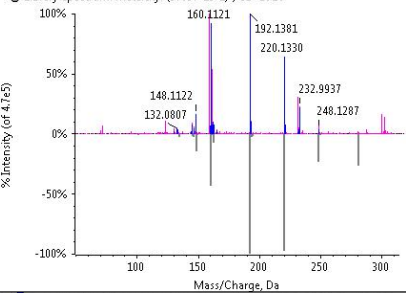
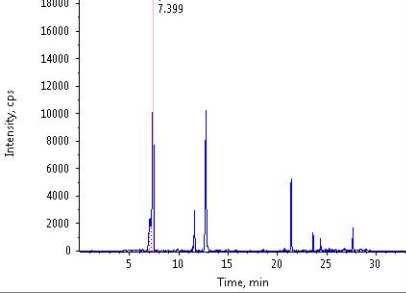
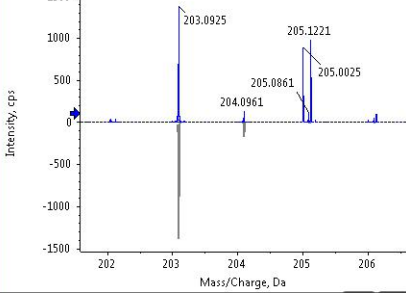
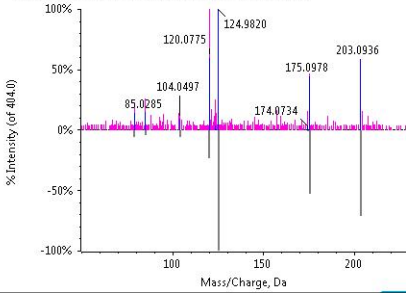
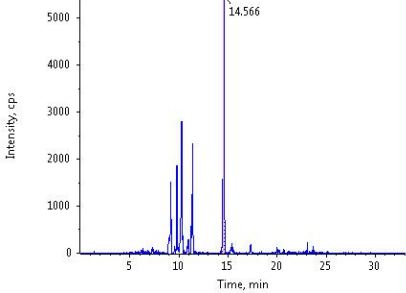
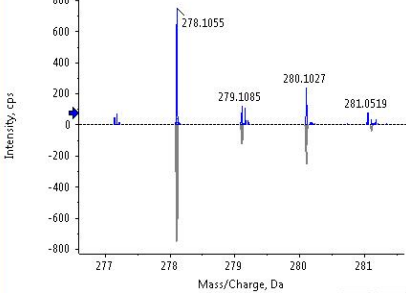
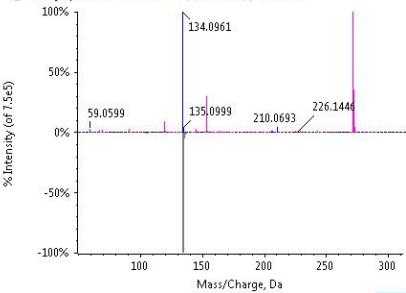
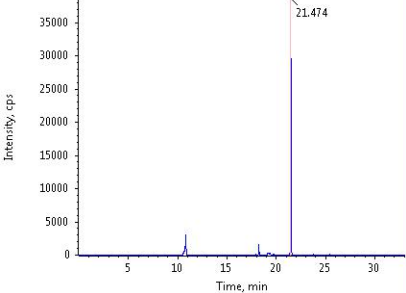
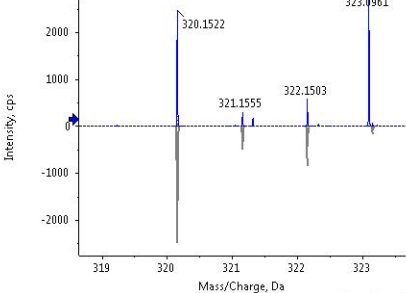
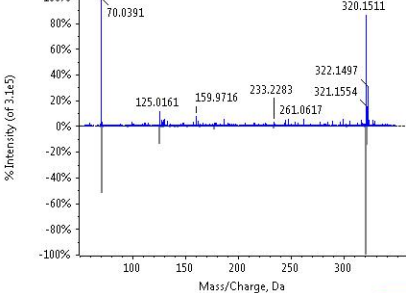
序号	化合物	一级图谱	二级图谱
150	噻螨酮	Std4 - Hedythiazox (Standard) 353.0985...ry-20200604.wiff2), (sample Index: 5) Area: 2.107e5, Height: 7.975e4, RT: 24.30 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.282 to 24.315 min ● [C17H21ClN2O2S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Hedythiazox (78587-05-0), CE=35±0</p> 
151	抑霉唑	Std4 - Imazalil (Standard) 297.0456 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 5.284e5, Height: 5.661e4, RT: 13.22 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.208 to 13.240 min ● [C14H14ClN2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Imazalil (35554-44-0), CE=35±15</p> 
152	咪草酸	Std4 - Imazamethabenz-methyl (Standard) 256.049...ry-20200604.wiff2), (sample Index: 5) Area: 6.420e5, Height: 9.715e4, RT: 11.77 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 11.711 to 11.744 min ● [C16H20N2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Imazamethabenz-methyl (81405-85-8), CE=35±15</p> 
153	吡虫啉	Std4 - Imidacloprid (Standard) 256.049...ry-20200604.wiff2), (sample Index: 5) Area: 1.199e5, Height: 1.610e4, RT: 6.53 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 6.508 to 6.540 min ● [C9H10ClN5O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Imidacloprid (138261-41-3), CE=20±0</p> 
154	吡虫啉脒	Std4 - Imidacloprid-Urea (Standard) 211...ry-20200604.wiff2), (sample Index: 5) Area: 2.097e5, Height: 5.001e4, RT: 6.46 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 6.426 to 6.459 min ● [C9H10ClN5O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: imidacloprid-urea, CE=35±15</p> 

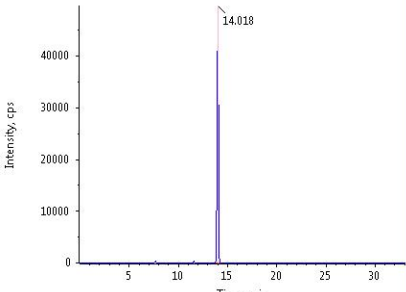
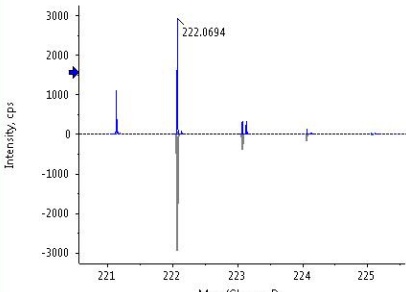
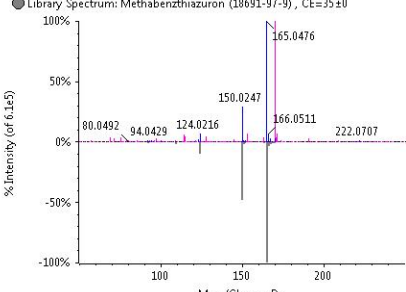
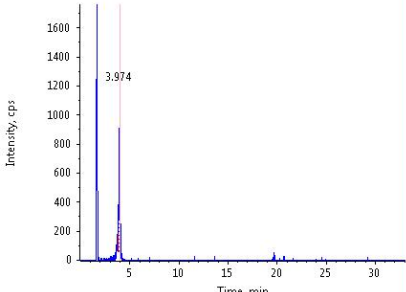
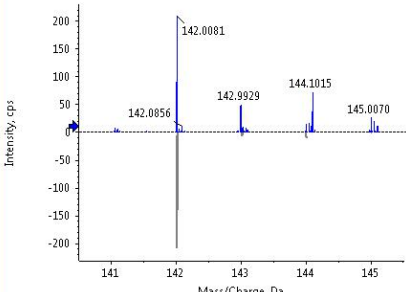
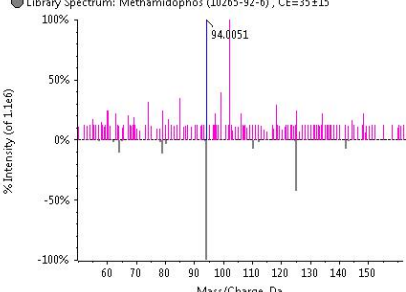
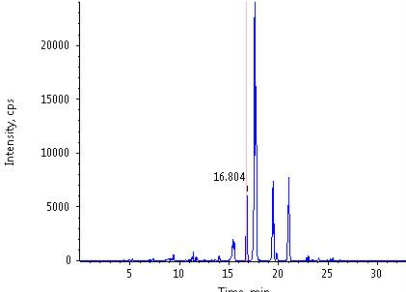
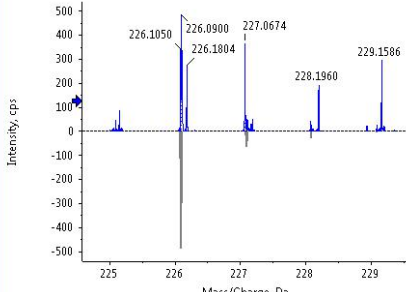
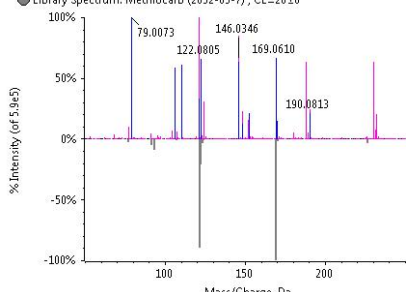
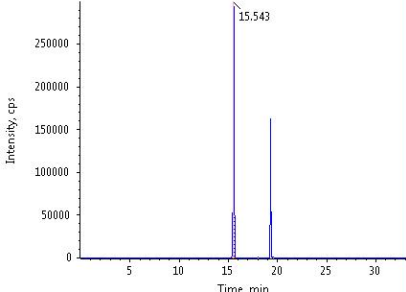
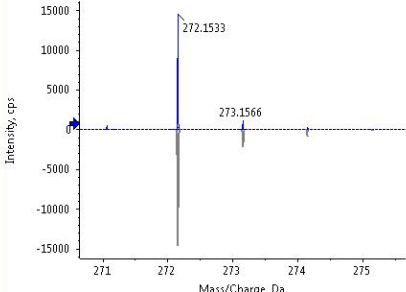
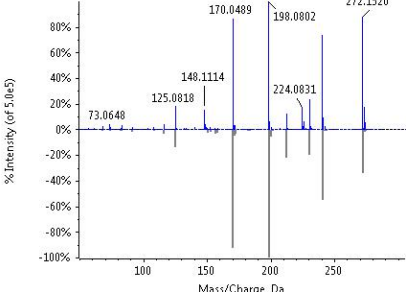
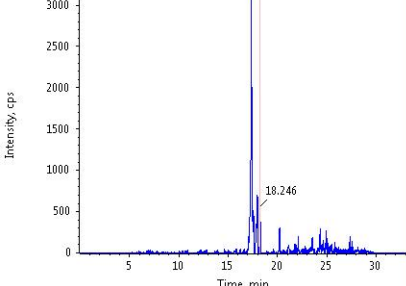
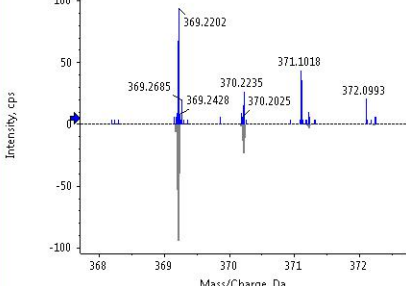
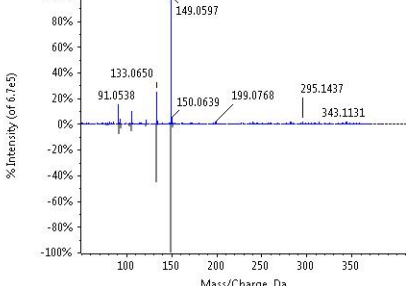
序号	化合物	一级图谱	二级图谱
155	茚虫威	Std4 - Indoxacarb (Standard) 528.0680 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.477e5, Height: 4.860e4, RT: 22.44 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-cel...nt 1, from 22.428 to 22.461 min ● [C22H17ClF3N3O7+H]⁺  Deconvoluted, Spectrum from Scre...cursor: 499.0-900.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Indoxacarb (173504-44-6), CE=20±0 
156	异稻瘟净	Std4 - Iprobenfos (Standard) 289.0922 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.009e4, Height: 1.107e4, RT: 20.45 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-cel...nt 1, from 20.428 to 20.460 min ● [C13H21O3PS+H]⁺  Spectrum from Screen-test-P-celery...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Iprobenfos (26087-47-8), CE=35±15 
157	啶霉威	Std4 - Iprovalicarb (Standard) 321.2071 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.589e4, Height: 5.903e3, RT: 18.96 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-cel...nt 1, from 18.948 to 18.981 min ● [C18H28N2O3+H]⁺  Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Iprovalicarb (140923-17-7), CE=35±15 
158	氯唑磷	Std4 - Isazofos (Standard) 314.0390 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.671e4, Height: 3.162e3, RT: 18.62 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-cel...ment 1, from 18.607 to 18.639 min ● [C9H17ClN3O3PS+H]⁺  Spectrum from Screen-test-P-celery...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isazofos (42509-80-8), CE=35±15 
159	丁咪酰胺	Std4 - Isocarbamid (Standard) 186.1137 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.234e5, Height: 1.121e4, RT: 8.39 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-cel...ment 1, from 8.426 to 8.459 min ● [C8H15N3O2+H]⁺  Deconvoluted, Spectrum from Scre...cursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Isocarbamid (30979-48-7), CE=35±0 

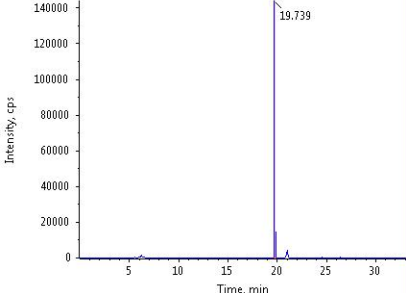
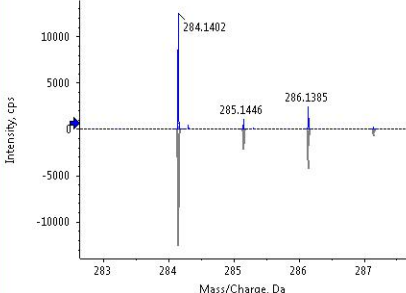
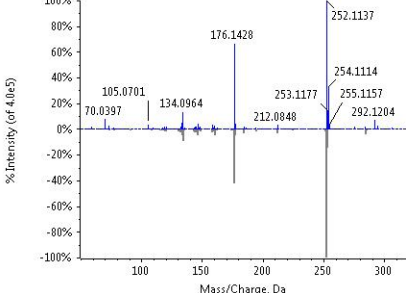
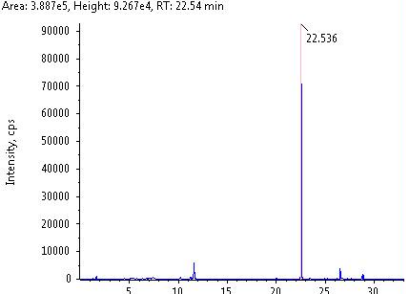
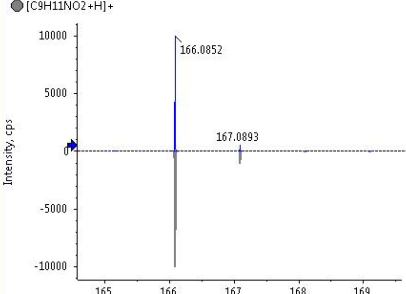
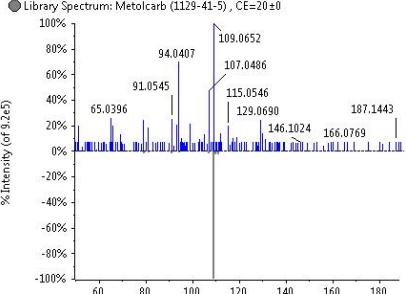
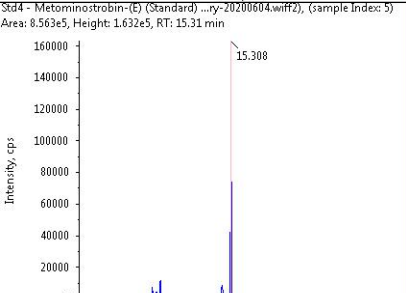
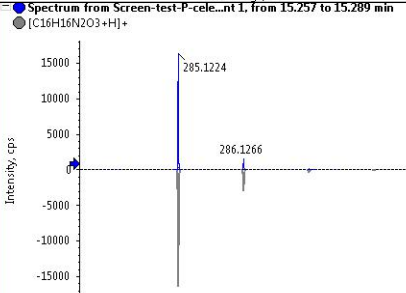
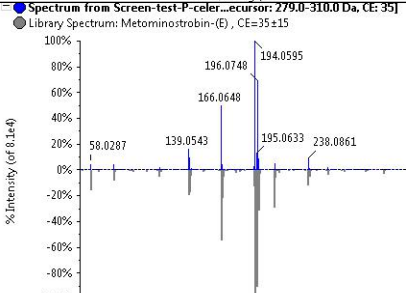
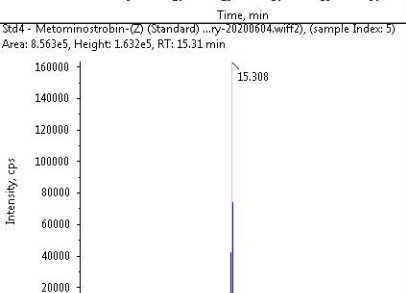
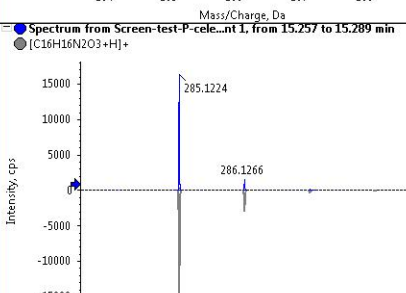
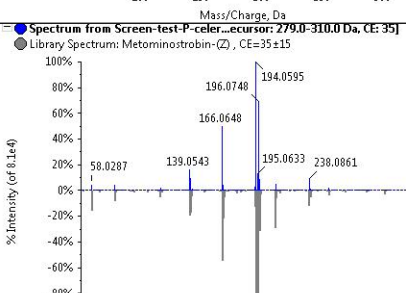
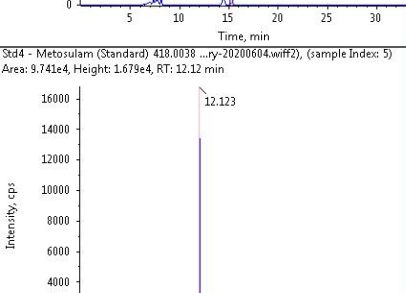
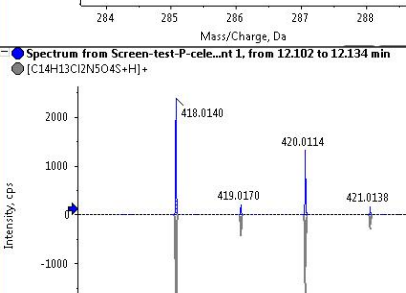
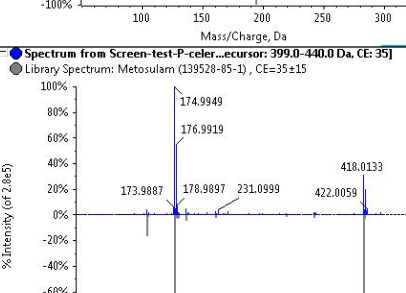
序号	化合物	一级图谱	二级图谱
160	氧异柳磷	Std4 - Isophosph oxon (Standard) 330...ry-20200604.wiff2), (sample Index: 5) Area: 1.295e4, Height: 2.744e3, RT: 18.77 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.753 to 18.785 min ● [C15H24NO5P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isophosph-oxon (31120-85-1), CE=20±0</p> 
161	异丙乐灵	Std4 - Isopropalin (Standard) 310.1861...ry-20200604.wiff2), (sample Index: 5) Area: 1.142e5, Height: 5.526e4, RT: 25.23 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.209 to 25.242 min ● [C15H23N3O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isopropalin, CE=35±15</p> 
162	稻瘟灵	Std4 - Isoprothiolane (Standard) 291.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.243e5, Height: 2.522e4, RT: 17.87 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.891 to 17.924 min ● [C12H18O4S2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Isoprothiolane (50512-35-1), CE=35±0</p> 
163	异丙隆	Std4 - Isoproturon (Standard) 207.1392...ry-20200604.wiff2), (sample Index: 5) Area: 3.669e5, Height: 4.387e4, RT: 14.55 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.508 to 14.541 min ● [C12H18N2O+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Isoproturon (34123-59-6), CE=35±0</p> 
164	异噁酰草胺	Std4 - Isoxaben (Standard) 333.1709...ry-20200604.wiff2), (sample Index: 5) Area: 2.148e5, Height: 3.432e4, RT: 17.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.680 to 17.712 min ● [C18H24N2O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isoxaben (82558-50-7), CE=35±0</p> 

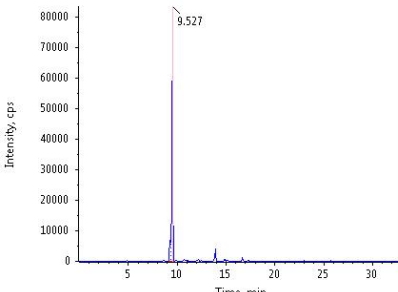
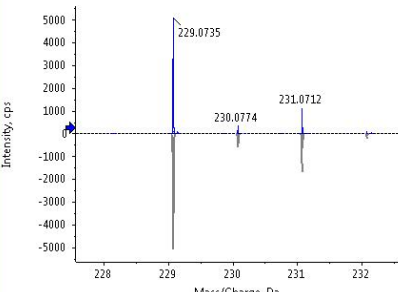
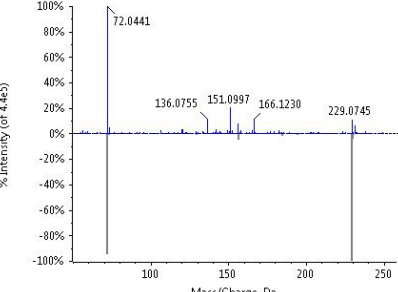
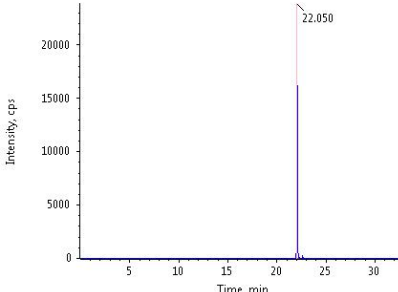
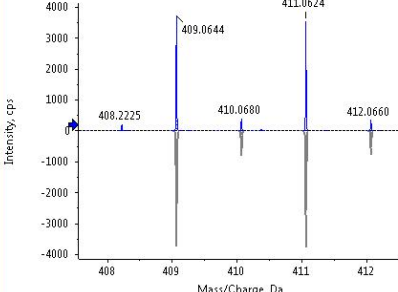
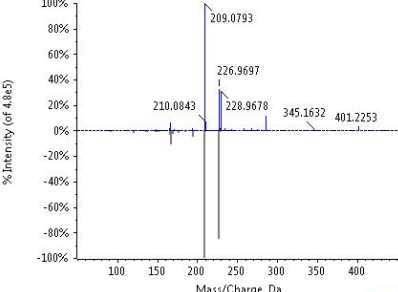
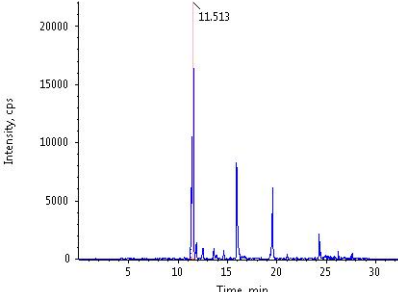
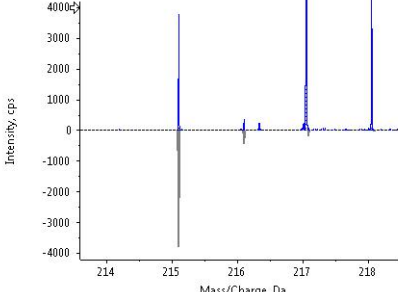
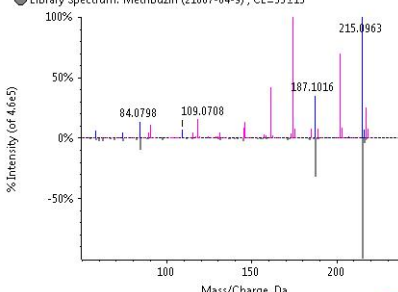
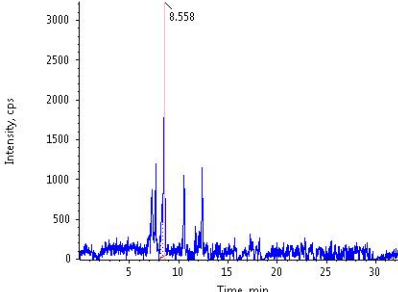
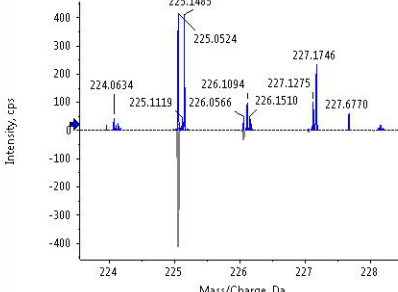
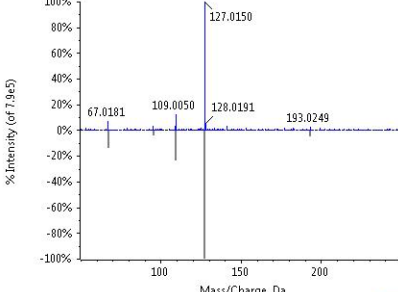
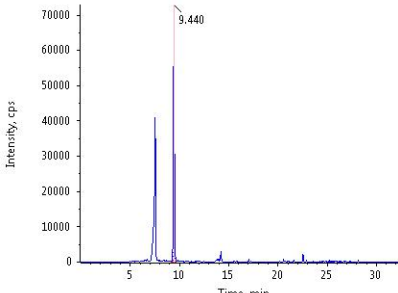
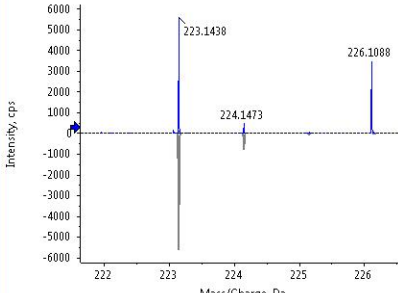
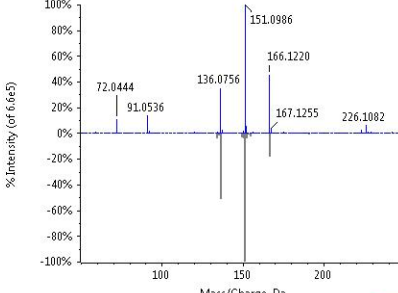
序号	化合物	一级图谱	二级图谱
165	双苯恶唑酸	Std4 - Isoxadifen-ethyl (Standard) 296....ery-20200604.wiff2), (sample Index: 5) Area: 1.803e5, Height: 4.210e4, RT: 20.23 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.249 to 20.282 min ● [C18H17NO3+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Isoxadifen-ethyl (163520-33-0), CE=35±15 </p>
166	异噁唑草酮	Std4 - Isoxaflutole (Standard) 360.041...ery-20200604.wiff2), (sample Index: 5) Area: 6.353e3, Height: 1.111e3, RT: 14.85 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.834 to 14.866 min ● [C15H12F3NO4S+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Isoxaflutole (141112-29-0), CE=35±15 </p>
167	噁唑磷	Std4 - Isoxathion (Standard) 314.0510 ...ery-20200604.wiff2), (sample Index: 5) Area: 1.604e5, Height: 1.604e5, RT: 21.55 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.550 to 21.583 min ● [C13H16NO4PS+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isoxathion (18854-01-8), CE=35±0 </p>
168	利谷隆	Std4 - Linuron (Standard) 249.0092 - 2...ery-20200604.wiff2), (sample Index: 5) Area: 2.392e5, Height: 4.181e4, RT: 16.55 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.476 to 16.509 min ● [C9H10Cl2N2O2+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Linuron (330-55-2), CE=35±0 </p>
169	马拉硫磷	Std4 - Malathion (Standard) 331.0333 ...ry-20200604.wiff2), (sample Index: 5) Area: 6.158e4, Height: 1.230e4, RT: 17.91 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.891 to 17.924 min ● [C10H19O6PS2+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Malathion (121-75-5), CE=35±15 </p>

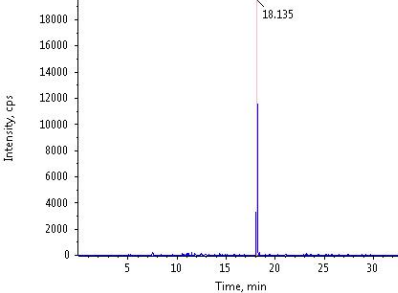
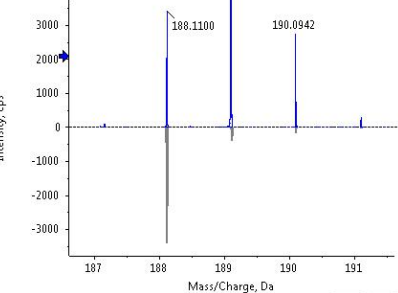
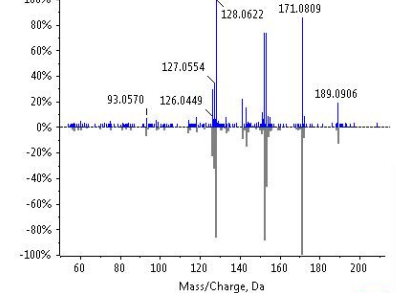
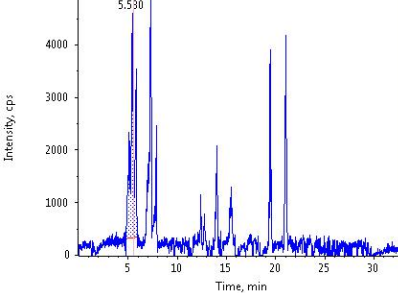
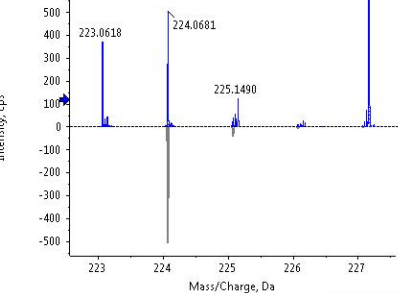
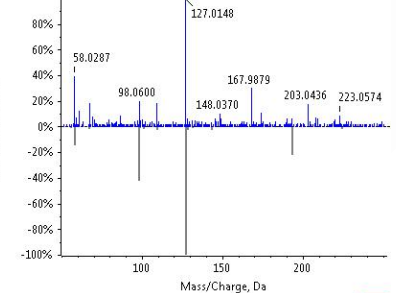
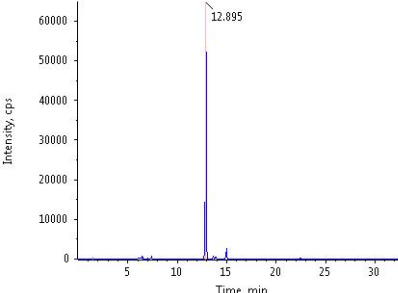
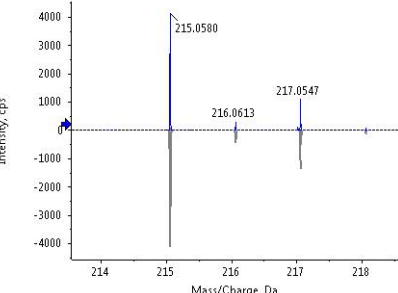
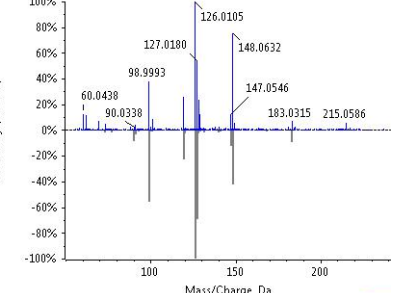
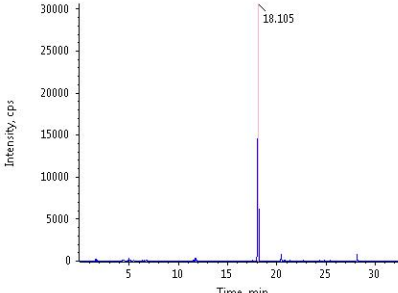
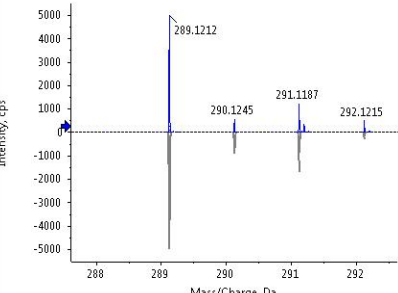
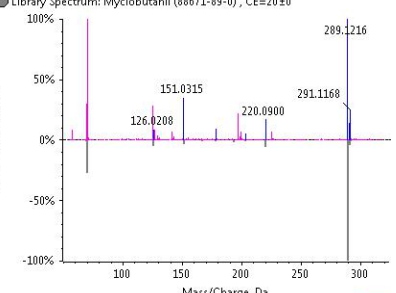
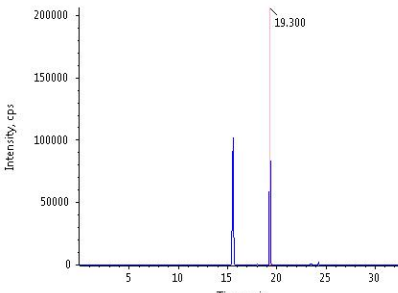
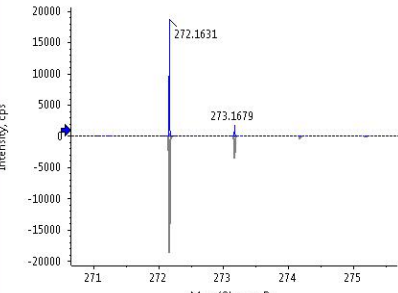
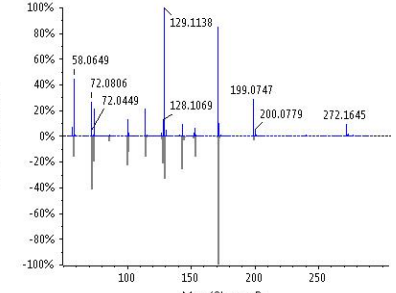
序号	化合物	一级图谱	二级图谱
170	双炔酰菌胺	<p>Std4 - Mandipropamid (Standard) 412.1...ry-20200604.wiff2), (sample Index: 5) Area: 1.062e5, Height: 2.938e4, RT: 17.59 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.582 to 17.615 min ● [C23H22ClNO4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Mandipropamid (374726-62-2), CE=20±0</p> 
171	苯噻酰草胺	<p>Std4 - Mefenacet (Standard) 299.0749 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.234e5, Height: 3.232e4, RT: 18.43 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.411 to 18.444 min ● [C16H14N2O2S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Mefenacet (73250-68-7), CE=20±0</p> 
172	吡唑解草酯	<p>Std4 - Mefenpyr-diethyl (Standard) 373...ry-20200604.wiff2), (sample Index: 5) Area: 4.631e4, Height: 1.089e4, RT: 21.42 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.404 to 21.436 min ● [C16H18ClN2O4+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Mefenpyr-diethyl (135590-91-9), CE=35±15</p> 
173	啉菌胺	<p>Std4 - Mepanipyrim (Standard) 224.108...ry-20200604.wiff2), (sample Index: 5) Area: 9.977e4, Height: 2.296e4, RT: 18.74 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.688 to 18.720 min ● [C14H13N3+H]⁺</p>  <p>● Deconvoluted, Spectrum from Sre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Mepanipyrim (110235-47-7), CE=35±15</p> 
174	地胺磷	<p>Std4 - Mephosfolan (Standard) 270.028...ry-20200604.wiff2), (sample Index: 5) Area: 7.948e5, Height: 6.853e4, RT: 11.13 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.110 to 11.142 min ● [C8H16NO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Mephosfolan, CE=35±15</p> 

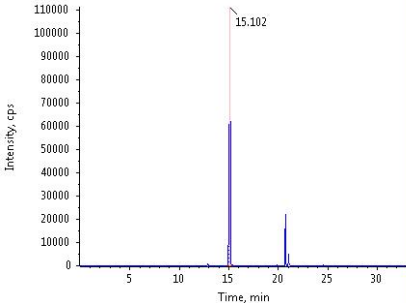
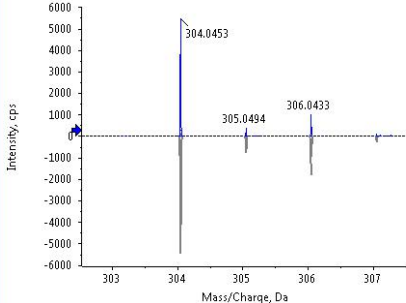
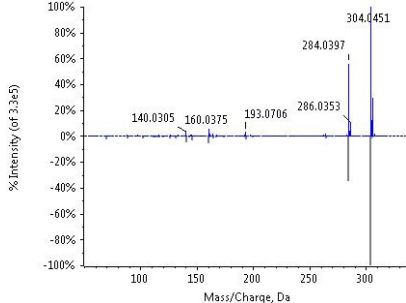
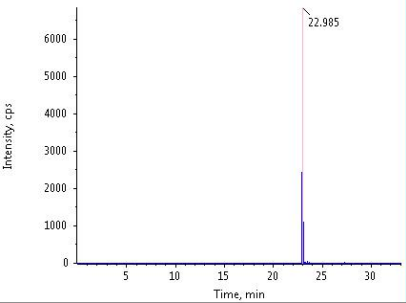
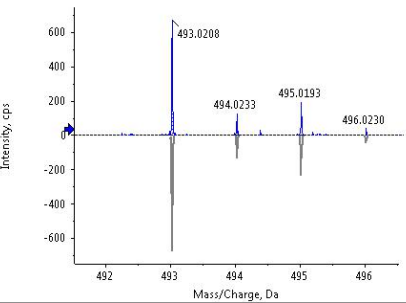
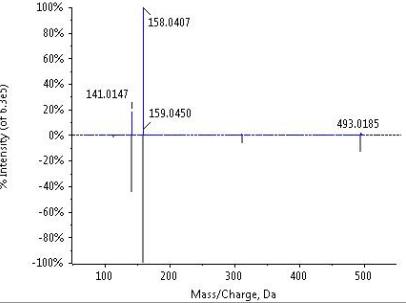
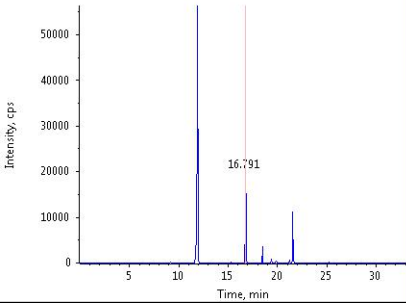
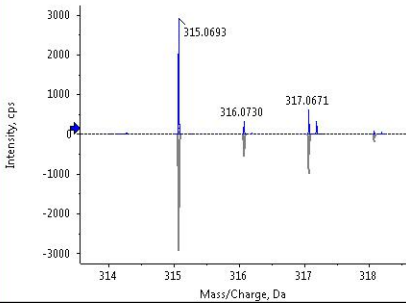
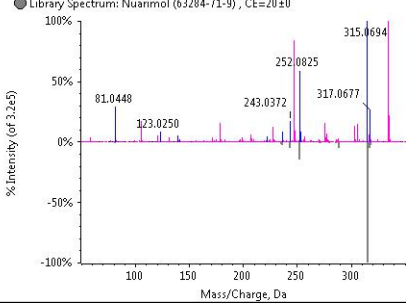
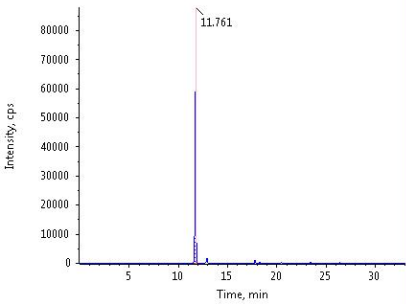
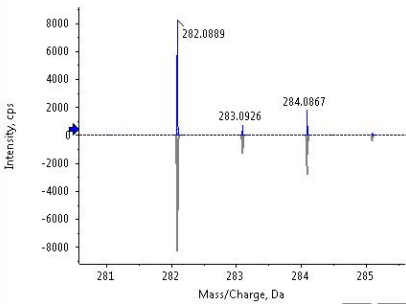
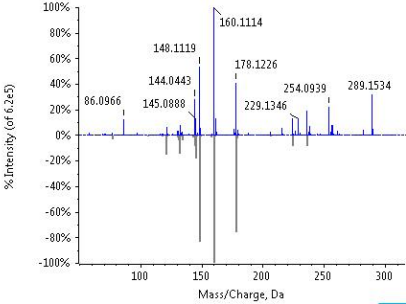
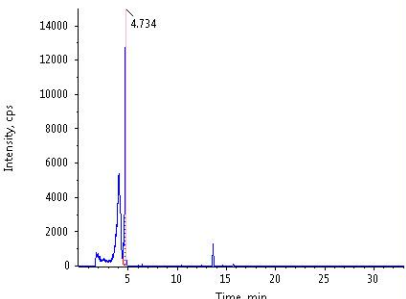
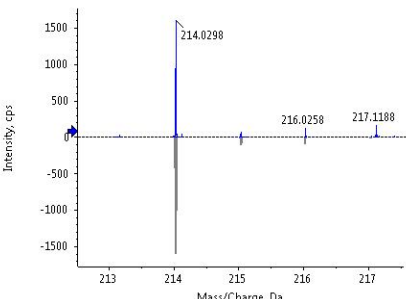
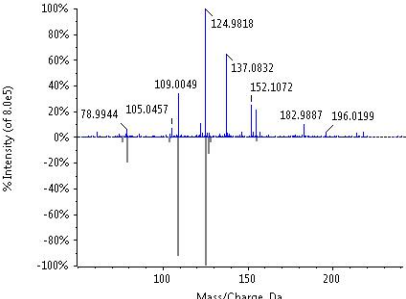
序号	化合物	一级图谱	二级图谱
175	灭锈胺	Std4 - Mepronil (Standard) 270.1389...ry-20200604.wiff2), (sample Index: 5) Area: 3.714e5, Height: 7.622e4, RT: 18.01 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 18.054 to 18.086 min ● [C17H19NO2+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Mepronil (55814-41-0), CE=35±15  
176	甲霜灵	Std4 - Metalaxyl (Standard) 280.1443...ry-20200604.wiff2), (sample Index: 5) Area: 5.191e5, Height: 7.616e4, RT: 14.92 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 14.964 to 14.996 min ● [C15H21NO4+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metalaxyl (57837-19-1), CE=20±0  
177	苯嗪草酮	Std4 - Metamitron (Standard) 203.0627...ry-20200604.wiff2), (sample Index: 5) Area: 1.729e5, Height: 1.870e4, RT: 7.40 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...ment 1, from 7.321 to 7.353 min ● [C10H10NO4+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Metamitron (41394-05-2), CE=35±15  
178	吡唑草胺	Std4 - Metazachlor (Standard) 278.0955...ry-20200604.wiff2), (sample Index: 5) Area: 4.405e4, Height: 5.449e3, RT: 14.57 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 14.557 to 14.590 min ● [C14H16ClN3O+H]⁺ ● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Metazachlor (67129-08-2), CE=35±0  
179	叶菌唑	Std4 - Metconazole (Standard) 320.142...ry-20200604.wiff2), (sample Index: 5) Area: 1.692e5, Height: 3.871e4, RT: 21.47 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 21.501 to 21.534 min ● [C17H22ClN3O+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Metconazole (125116-23-6), CE=35±15  

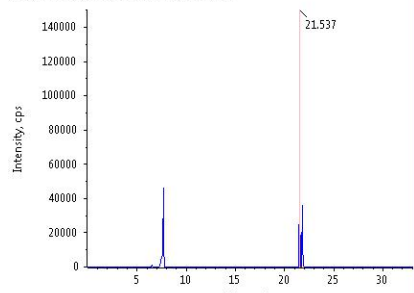
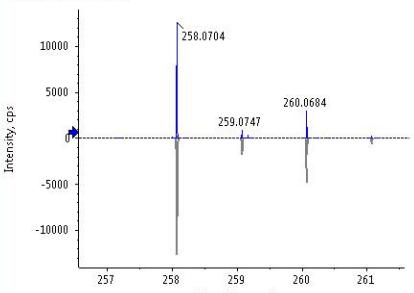
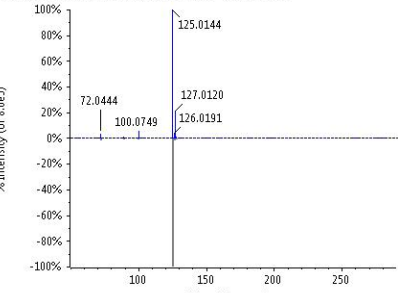
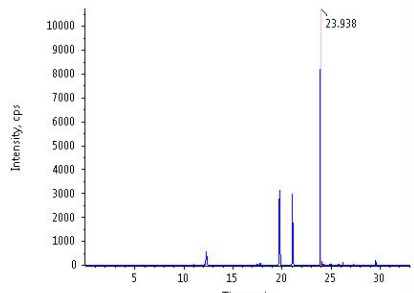
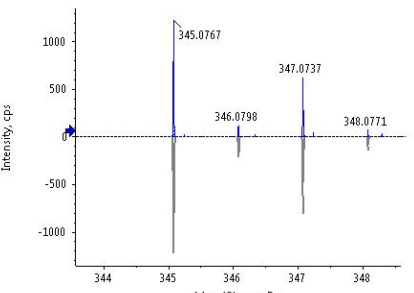
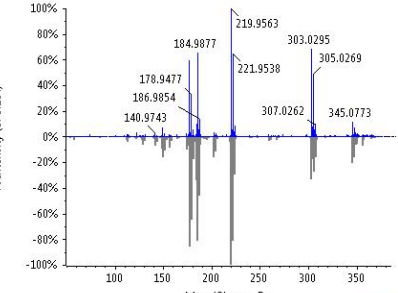
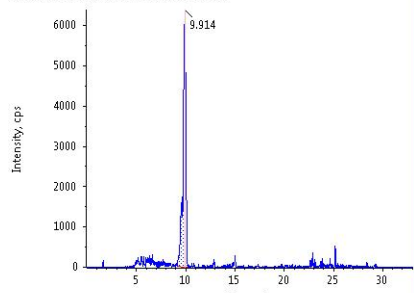
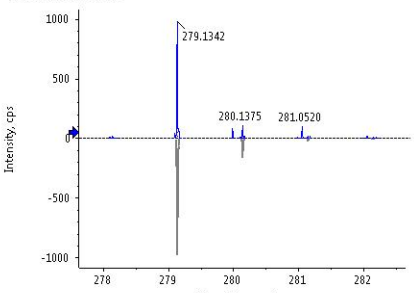
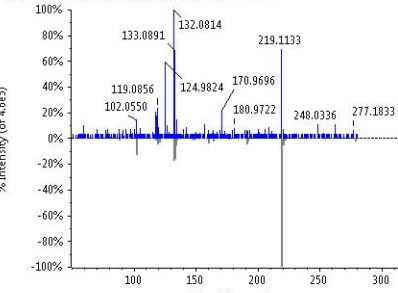
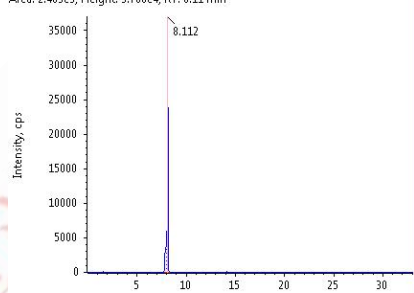
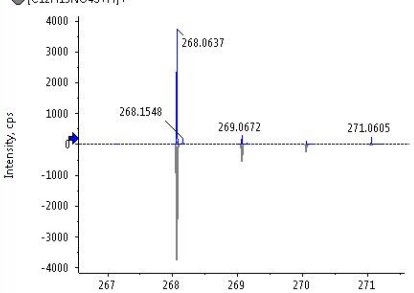
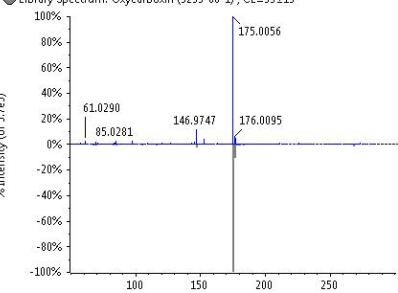
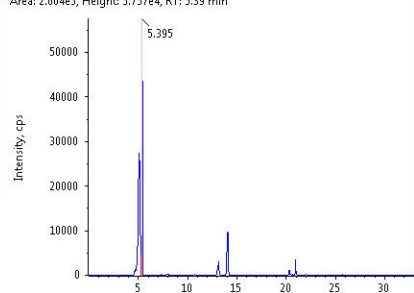
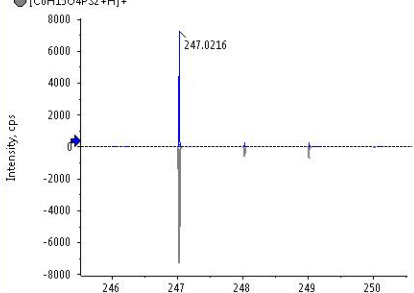
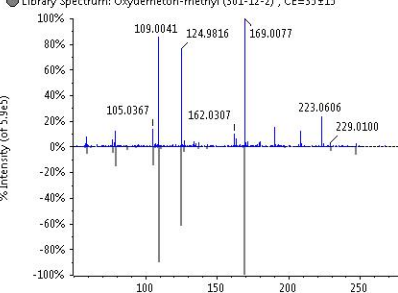
序号	化合物	一级图谱	二级图谱
180	甲基苯噻隆	Std4 - Methabenzthiazuron (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 4.661e5, Height: 4.973e4, RT: 14.02 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-cel...nt 1, from 14.086 to 14.118 min● [C10H11N3OS+H]⁺● Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35]● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35]● Library Spectrum: Methabenzthiazuron (18691-97-9), CE=35±0  
181	甲胺磷	Std4 - Methamidophos (Standard) 141.9...ry-20200604.wiff2), (sample Index: 5) Area: 9.077e3, Height: 1.144e3, RT: 3.97 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-cel...ment 1, from 3.954 to 3.987 min● [C2H8NO2PS+H]⁺● Deconvoluted Spectrum from Scre...cursor: 80.0-200.0 Da, CE: 35]● Spectrum from Screen-test-P-celery... Precursor: 80.0-200.0 Da, CE: 35]● Library Spectrum: Methamidophos (10265-92-6), CE=35±15  
182	甲硫威	Std4 - Methiocarb (Standard) 226.0796...ry-20200604.wiff2), (sample Index: 5) Area: 5.241e4, Height: 6.058e3, RT: 16.80 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-cel...nt 1, from 16.850 to 16.883 min● [C11H15NO2S+H]⁺● Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35]● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35]● Library Spectrum: Methiocarb (2032-65-7), CE=20±0  
183	甲氧丙净	Std4 - Methoprotiryne (Standard) 272.1...ry-20200604.wiff2), (sample Index: 5) Area: 2.221e6, Height: 2.996e5, RT: 15.54 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-cel...nt 1, from 15.452 to 15.484 min● [C11H21N5OS+H]⁺● Spectrum from Screen-test-P-celery...cursor: 249.0-280.0 Da, CE: 35]● Library Spectrum: Methoprotiryne (841-06-5), CE=35±0  
184	甲氧虫酰肼	Std4 - Methoxyfenozide (Standard) 369...ry-20200604.wiff2), (sample Index: 5) Area: 2.876e3, Height: 5.672e2, RT: 18.25 min 	<ul style="list-style-type: none">● Spectrum from Screen-test-P-cel...nt 1, from 18.233 to 18.265 min● [C22H28N2O3+H]⁺● Spectrum from Screen-test-P-celery...cursor: 339.0-370.0 Da, CE: 35]● Library Spectrum: Methoxyfenozide (161050-58-4), CE=35±0  

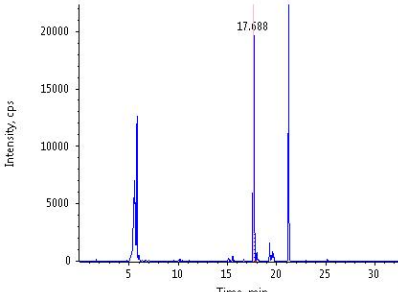
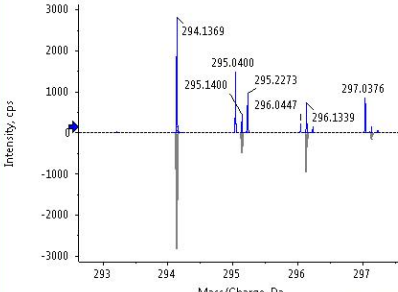
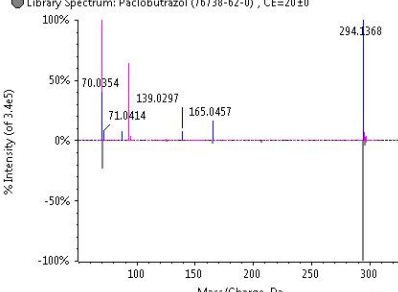
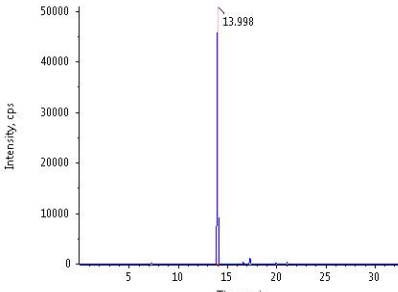
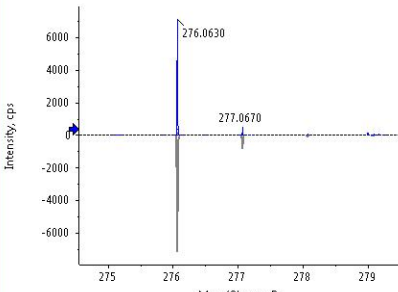
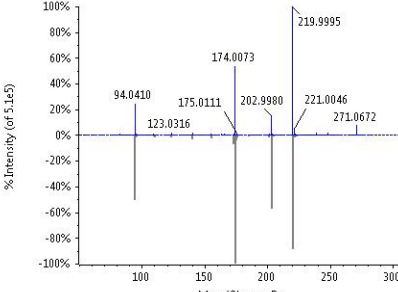
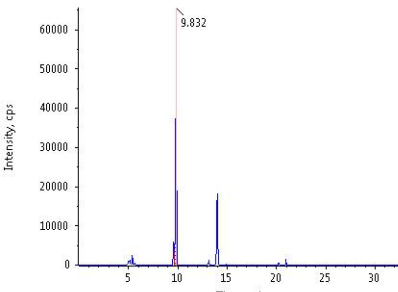
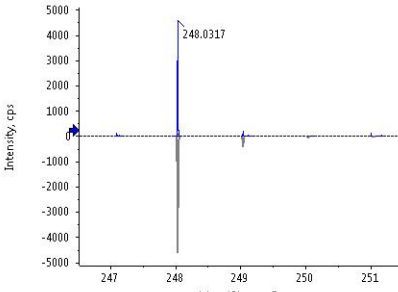
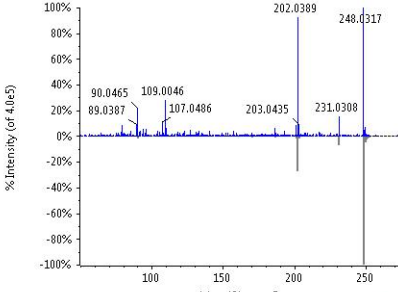
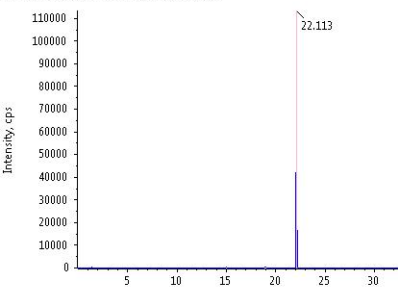
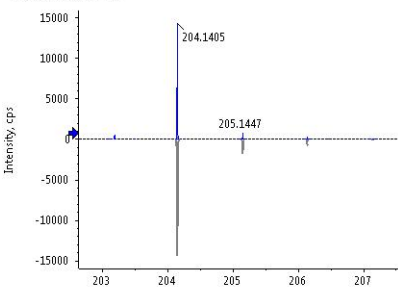
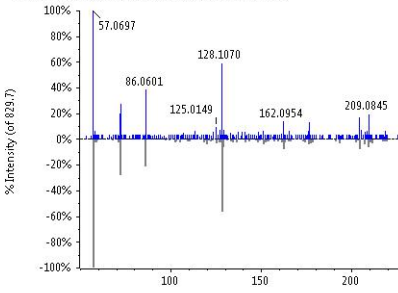
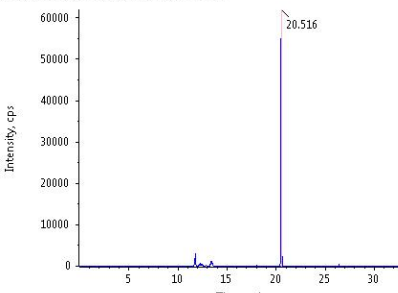
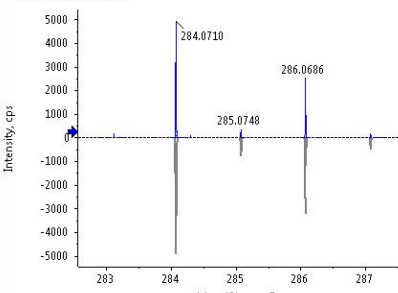
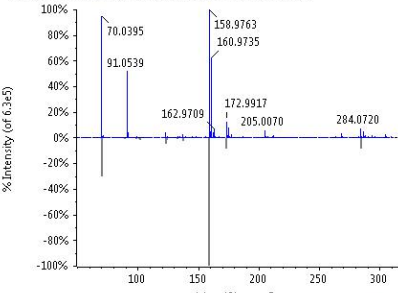
序号	化合物	一级图谱	二级图谱
185	异丙甲草胺	Std4 - Metolachlor (Standard) 284.1312...ry-20200604.wiff2), (sample Index: 5) Area: 6.537e5, Height: 1.439e5, RT: 19.74 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.761 to 19.794 min ● [C15H22ClNO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metolachlor (51218-45-2), CE=35±15</p> 
186	速灭威	Std4 - Metolcarb (Standard) 166.0763...ry-20200604.wiff2), (sample Index: 5) Area: 3.887e5, Height: 9.267e4, RT: 22.54 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.558 to 22.591 min ● [C9H11NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Metolcarb (1129-41-5), CE=20±0</p> 
187	苯氧菌胺-(E)	Std4 - Metominostrobin-(E) (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 8.563e5, Height: 1.632e5, RT: 15.31 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.257 to 15.289 min ● [C16H16N2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metominostrobin-(E), CE=35±15</p> 
188	苯氧菌胺-(Z)	Std4 - Metominostrobin-(Z) (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 8.563e5, Height: 1.632e5, RT: 15.31 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.257 to 15.289 min ● [C16H16N2O3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metominostrobin-(Z), CE=35±15</p> 
189	磺草唑胺	Std4 - Metosulam (Standard) 418.0038...ry-20200604.wiff2), (sample Index: 5) Area: 9.741e4, Height: 1.679e4, RT: 12.12 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.102 to 12.134 min ● [C14H13Cl2N5O4S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Metosulam (139528-85-1), CE=35±15</p> 

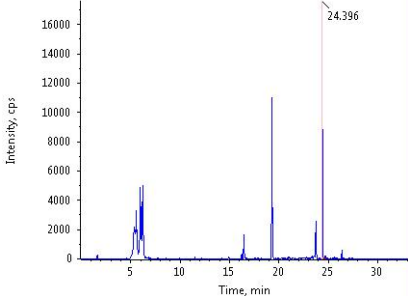
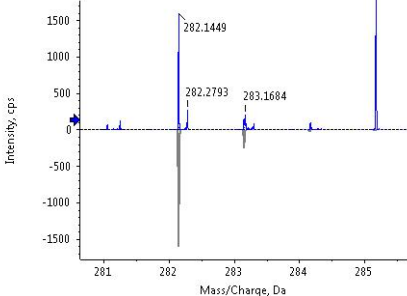
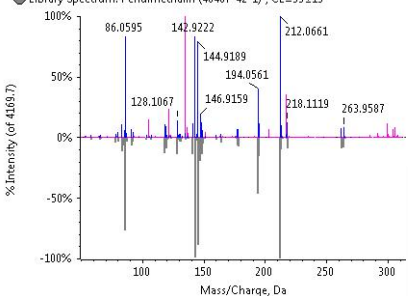
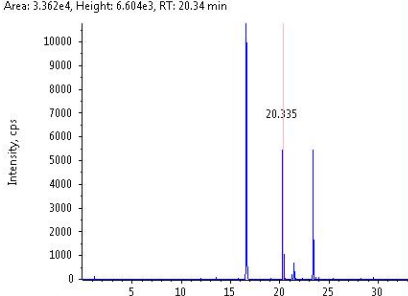
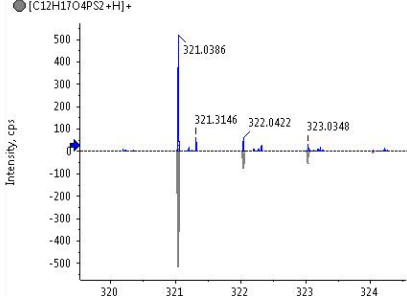
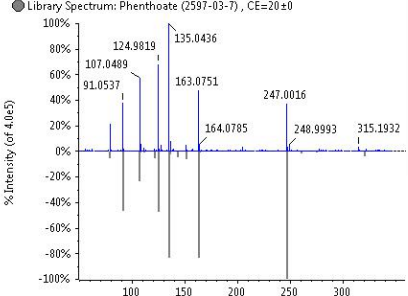
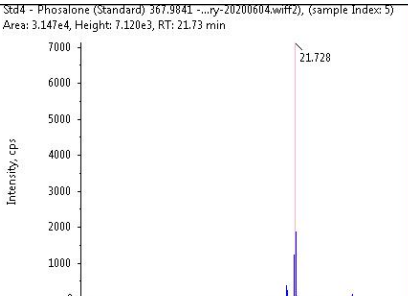
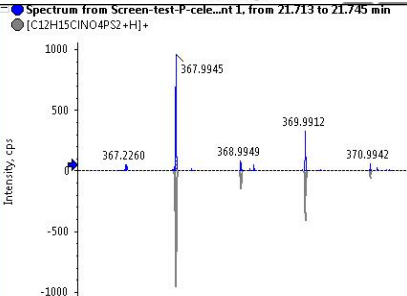
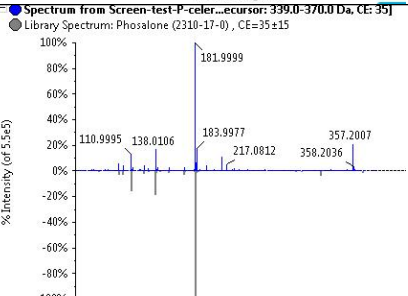
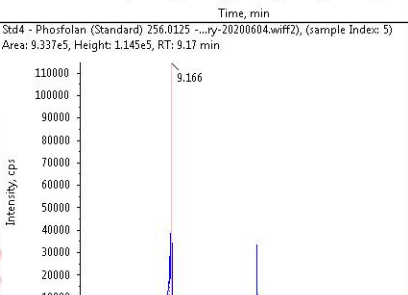
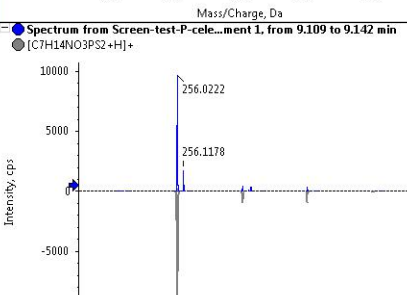
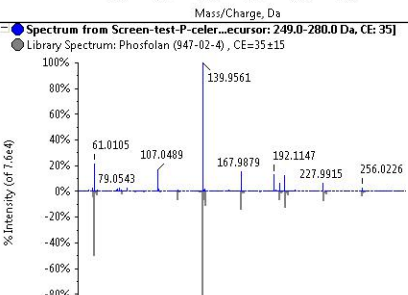
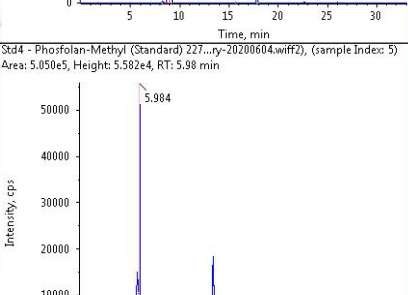
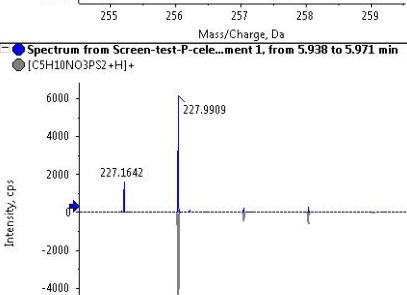
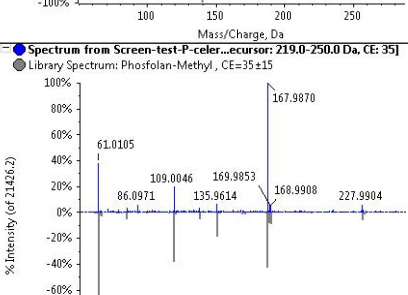
序号	化合物	一级图谱	二级图谱
190	甲氧隆	<p>Std4 - Metoxuron (Standard) 229.0638 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.859e5, Height: 8.344e4, RT: 9.53 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.565 to 9.597 min ● [C10H13ClN2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Metoxuron (19937-59-8), CE=20±0</p> 
191	苯菌酮	<p>Std4 - Metrafenone (Standard) 409.054...ry-20200604.wiff2), (sample Index: 5) Area: 9.838e4, Height: 2.387e4, RT: 22.05 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.038 to 22.070 min ● [C19H21BrO5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Metrafenone (220899-03-6), CE=35±0</p> 
192	噻草酮	<p>Std4 - Metribuzin (Standard) 215.0861 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.069e5, Height: 2.209e4, RT: 11.51 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.500 to 11.533 min ● [C8H14N4OS+H]⁺</p>  <p>● Deconvoluted, Spectrum from Sre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Metribuzin (21087-64-9), CE=35±15</p> 
193	速灭磷	<p>Std4 - Mevinphos (Standard) 225.0423 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.937e4, Height: 3.192e3, RT: 8.56 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.540 to 8.573 min ● [C7H13O6P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Mevinphos (7786-34-7), CE=35±15</p> 
194	兹克威	<p>Std4 - Mexacarbate (Standard) 223.134...ry-20200604.wiff2), (sample Index: 5) Area: 5.440e5, Height: 7.280e4, RT: 9.44 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.353 to 9.386 min ● [C12H18N2O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Mexacarbate (315-18-4), CE=35±0</p> 

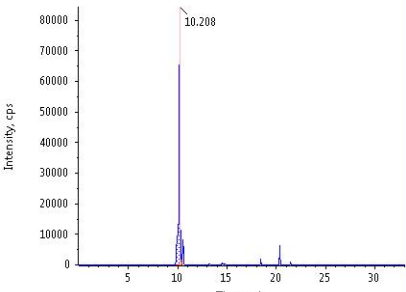
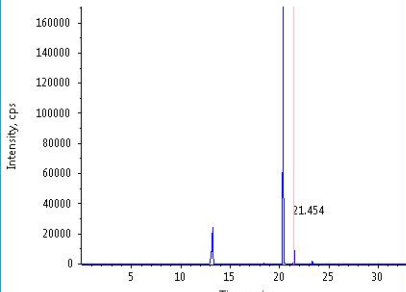
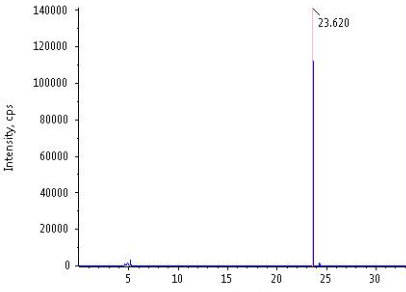
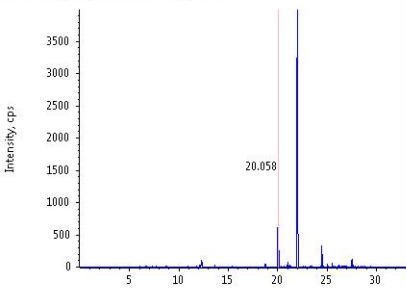
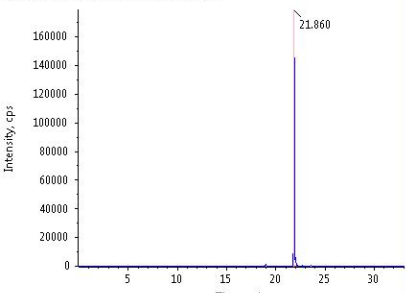
序号	化合物	一级图谱	二级图谱
195	禾草敌	Std4 - Molinate (Standard) 188.1004...ry-20200604.wiff2), (sample Index: 5) Area: 1.19e5, Height: 1.953e4, RT: 18.13 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 18.102 to 18.135 min ● [C9H17NOS+H]⁺  Spectrum from Screen-test-P-celer...recursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Molinate (2212-67-1), CE=35±15 
196	久效磷	Std4 - Monocrotophos (Standard) 224.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.040e5, Height: 4.269e3, RT: 5.53 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...ment 1, from 5.808 to 5.841 min ● [C7H14NO5P+H]⁺  Spectrum from Screen-test-P-celer...recursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Monocrotophos (6923-22-4), CE=20±0 
197	绿谷隆	Std4 - Monolinuron (Standard) 215.048...ry-20200604.wiff2), (sample Index: 5) Area: 3.804e5, Height: 6.486e4, RT: 12.89 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 12.931 to 12.964 min ● [C9H11ClN2O2+H]⁺  Spectrum from Screen-test-P-celer...recursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Monolinuron (1746-81-2), CE=35±0 
198	腈菌唑	Std4 - Myclobutanil (Standard) 289.111...ry-20200604.wiff2), (sample Index: 5) Area: 1.625e5, Height: 3.061e4, RT: 18.11 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 18.086 to 18.119 min ● [C15H17ClN4+H]⁺  Deconvoluted Spectrum from Screen-test-P-celer...recursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...recursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Myclobutanil (88671-89-0), CE=20±0 
199	敌草胺	Std4 - Napropamide (Standard) 272.154...ry-20200604.wiff2), (sample Index: 5) Area: 9.928e5, Height: 2.061e5, RT: 19.30 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 19.241 to 19.273 min ● [C17H21NO2+H]⁺  Spectrum from Screen-test-P-celer...recursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Napropamide (15299-99-7), CE=35±0 

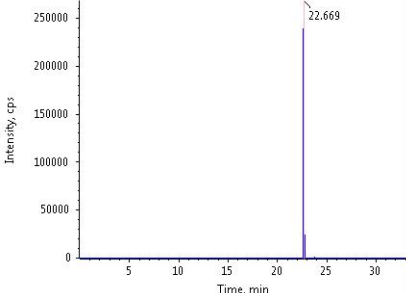
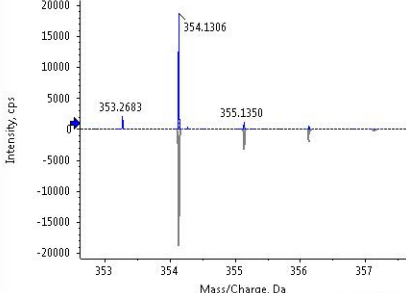
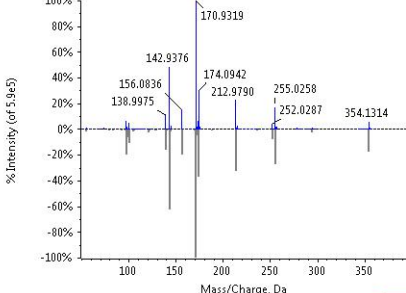
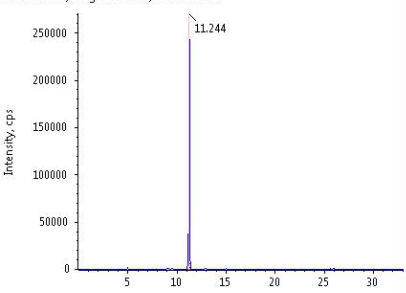
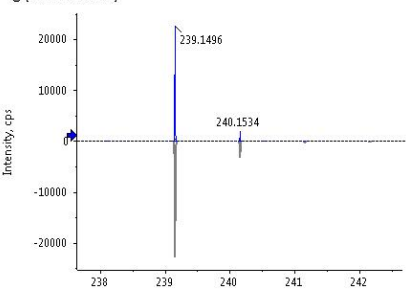
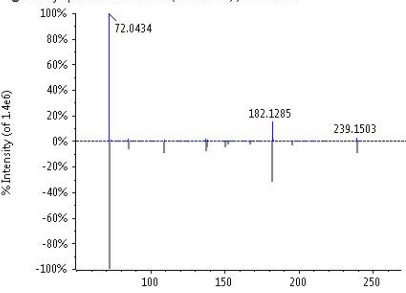
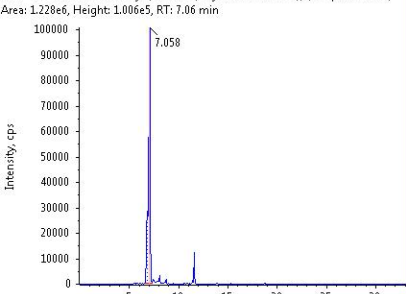
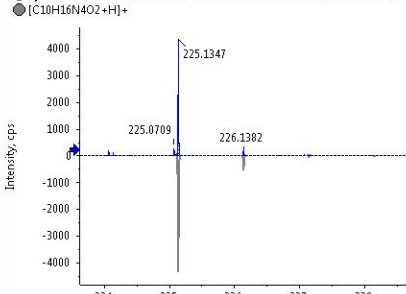
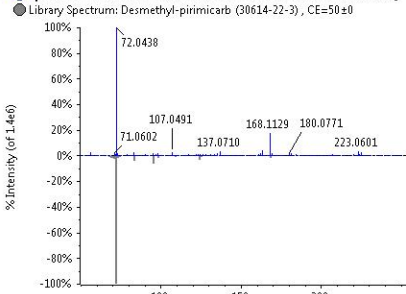
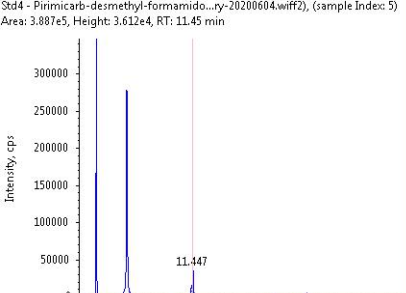
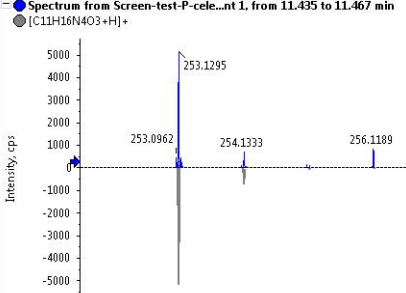
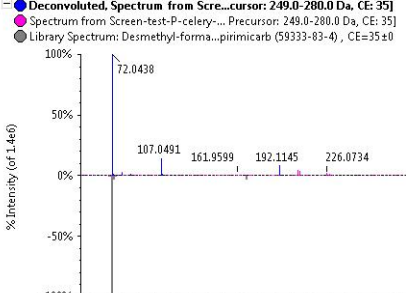
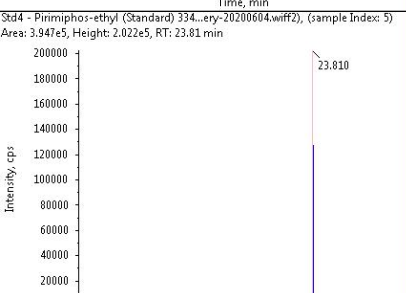
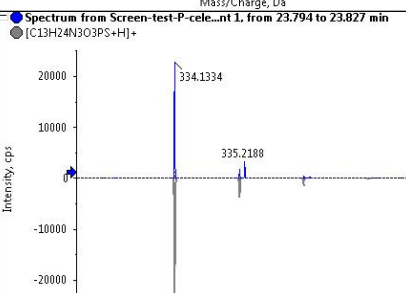
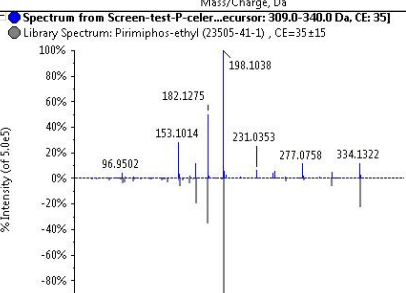
序号	化合物	一级图谱	二级图谱
200	氟草敏	Std4 - Norflurazon (Standard) 304.0359...ry-20200604.wiff2), (sample Index: 5) Area: 7.887e5, Height: 1.113e5, RT: 15.10 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 15.159 to 15.192 min ● [C12H9ClF3N3O+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Norflurazon (27314-13-2), CE=35±15  
201	氟酰胺	Std4 - Novaluron (Standard) 493.0096...ry-20200604.wiff2), (sample Index: 5) Area: 2.941e4, Height: 6.834e3, RT: 22.99 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 22.997 to 23.030 min ● [C17H9ClF8N2O4+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Novaluron (116714-46-6), CE=35±15  
202	氟苯嘧啶醇	Std4 - Nuaimol (Standard) 315.0595...ry-20200604.wiff2), (sample Index: 5) Area: 1.105e5, Height: 1.977e4, RT: 16.79 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 16.769 to 16.801 min ● [C17H12ClF8N2O+H]⁺ ● Deconvoluted Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Nuaimol (63284-71-9), CE=20±0  
203	呋酰胺	Std4 - Ofurace (Standard) 282.0791...ry-20200604.wiff2), (sample Index: 5) Area: 4.603e5, Height: 8.787e4, RT: 11.76 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 11.711 to 11.744 min ● [C14H16ClNO3+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Ofurace (58810-48-3), CE=35±0  
204	氧乐果	Std4 - Omethoate (Standard) 214.0197...ry-20200604.wiff2), (sample Index: 5) Area: 9.012e4, Height: 1.493e4, RT: 4.73 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...ment 1, from 4.686 to 4.719 min ● [C5H12NO4PS+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Omethoate (1113-02-6), CE=35±0  

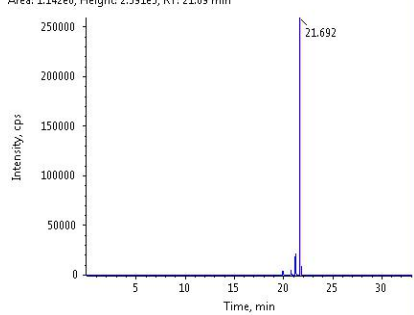
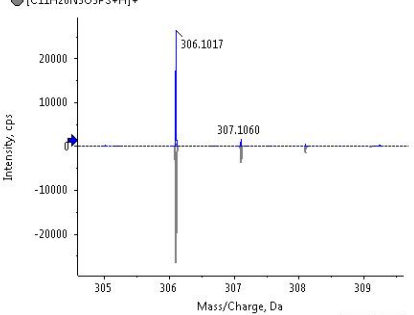
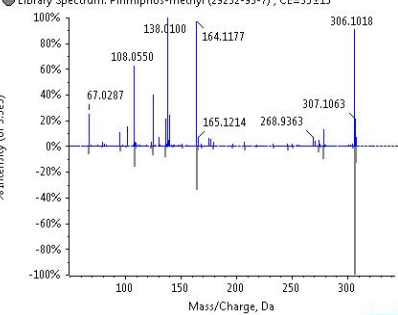
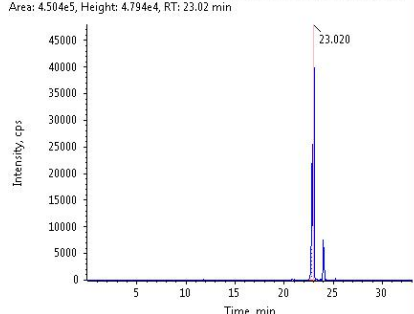
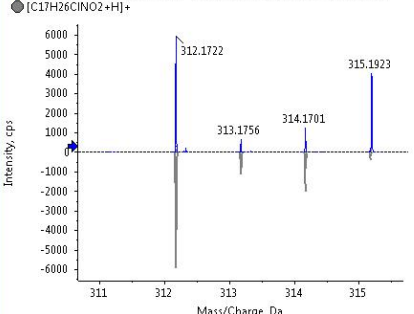
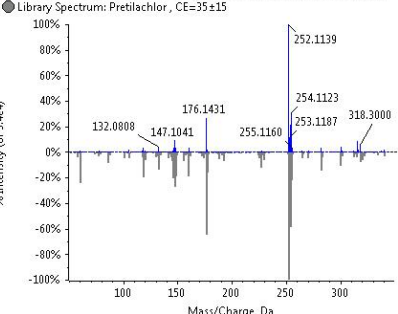
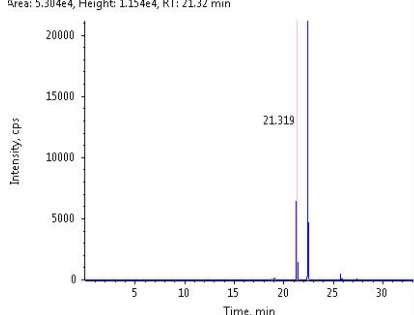
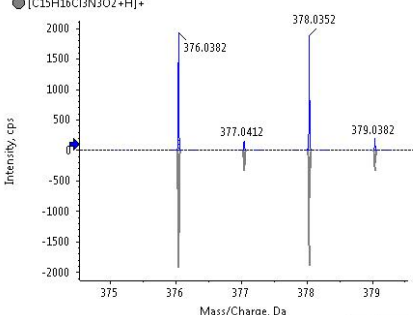
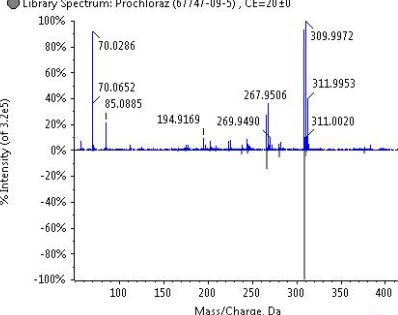
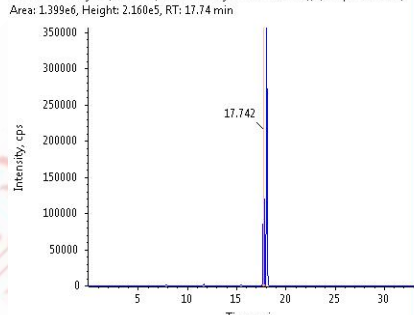
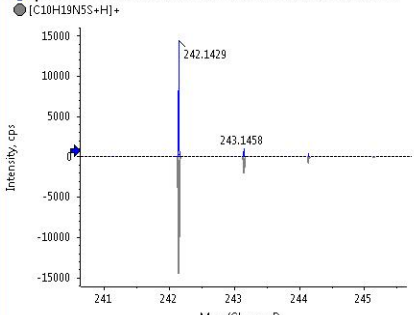
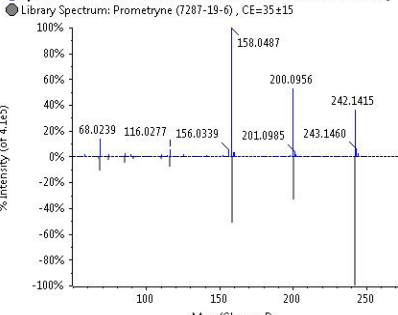
序号	化合物	一级图谱	二级图谱
205	坪草丹	Std4 - Orbencarb (Standard) 258.0614...ry-20200604.wiff2), (sample Index: 5) Area: 5.443e5, Height: 1.501e5, RT: 21.54 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.485 to 21.517 min ● [C12H16ClNOS+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Orbencarb (34622-58-7), CE=35±0 </p>
206	噁草酮	Std4 - Oxadiazon (Standard) 345.0667...ry-20200604.wiff2), (sample Index: 5) Area: 3.280e4, Height: 1.073e4, RT: 23.94 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 23.908 to 23.941 min ● [C15H18ClN2O3+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Oxadiazon (19666-30-9), CE=35±15 </p>
207	噁霜灵	Std4 - Oxadiazon (Standard) 279.1239...ry-20200604.wiff2), (sample Index: 5) Area: 1.300e5, Height: 6.380e3, RT: 9.91 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.890 to 9.923 min ● [C14H18N2O4+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Oxadiazon (77732-09-3), CE=20±0 </p>
208	氧化萎锈灵	Std4 - Oxy carbosin (Standard) 268.0538...ry-20200604.wiff2), (sample Index: 5) Area: 2.405e5, Height: 3.700e4, RT: 8.11 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.134 to 8.166 min ● [C12H13NO4S+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Oxy carbosin (5259-88-1), CE=35±15 </p>
209	亚砷磷	Std4 - Oxydemeton-methyl (Standard) 2...ry-20200604.wiff2), (sample Index: 5) Area: 2.604e5, Height: 5.757e4, RT: 5.39 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.353 to 5.385 min ● [C6H15O4PS2+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Oxydemeton-methyl (301-12-2), CE=35±15 </p>

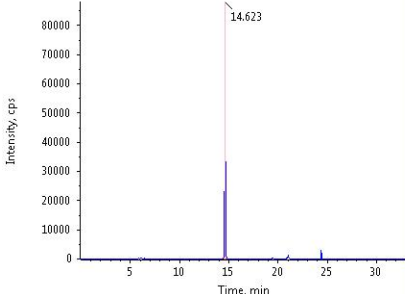
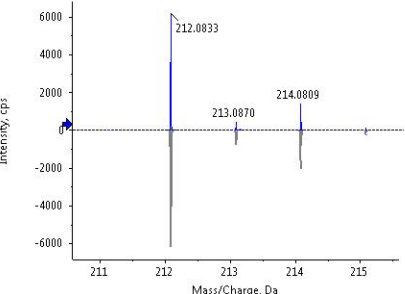
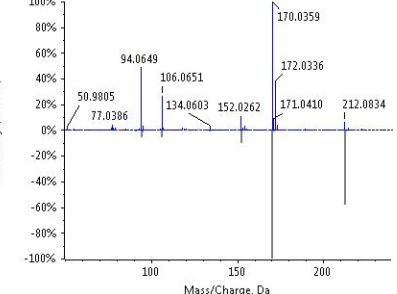
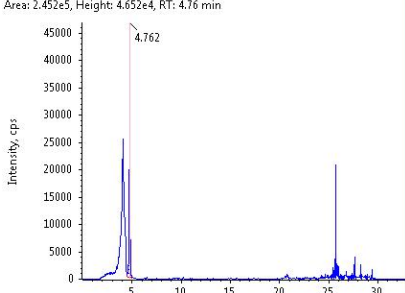
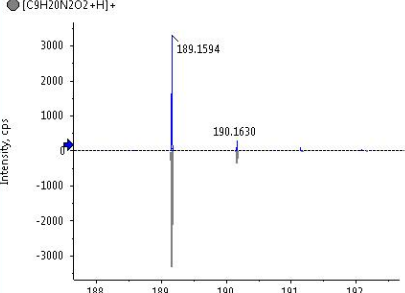
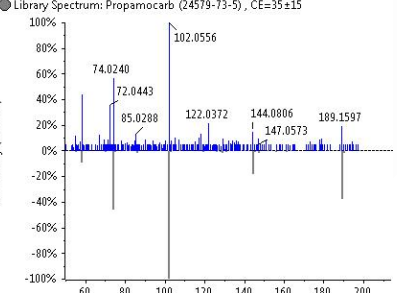
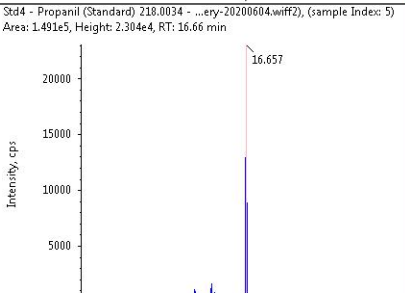
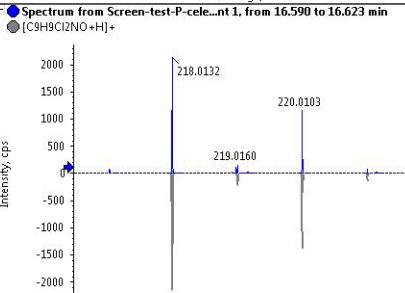
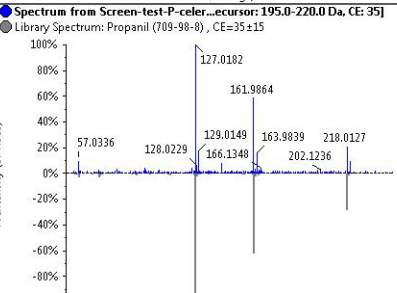
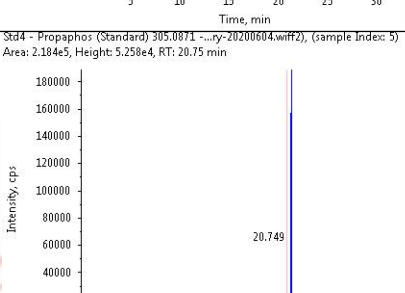
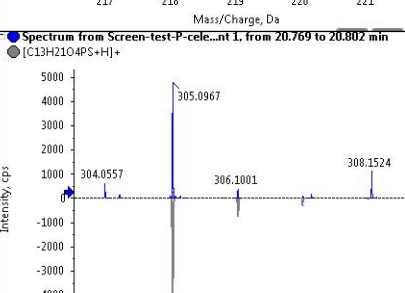
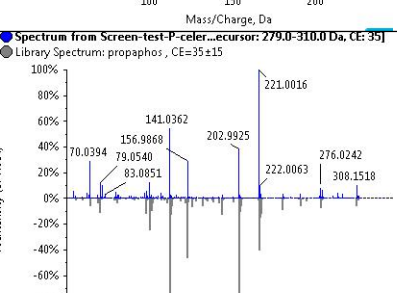
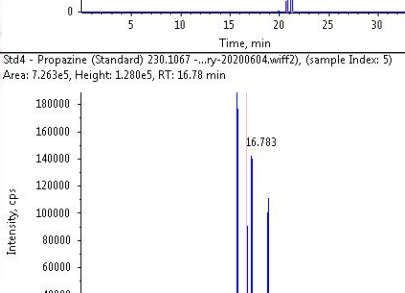
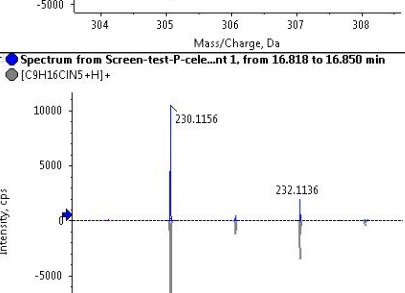
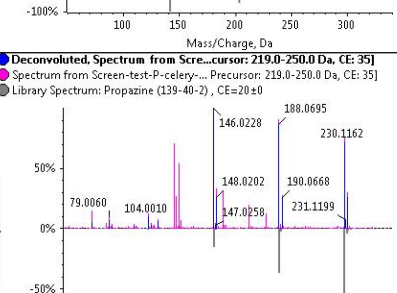
序号	化合物	一级图谱	二级图谱
210	多效唑	Std4 - Paclobutrazol (Standard) 294.12...ry-20200604.wiff2), (sample Index: 5) Area: 1.40e5, Height: 1.970e4, RT: 17.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.680 to 17.712 min ● [C15H20ClN3O+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Paclobutrazol (76738-62-0), CE=20±0</p> 
211	对氧磷	Std4 - Paraoxon-ethyl (Standard) 276.0...ry-20200604.wiff2), (sample Index: 5) Area: 3.399e5, Height: 5.089e4, RT: 14.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.004 to 14.037 min ● [C10H14NO6P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Paraoxon (311-45-5), CE=35±0</p> 
212	甲基对氧磷	Std4 - Paraoxon-methyl (Standard) 248...ry-20200604.wiff2), (sample Index: 5) Area: 4.007e5, Height: 6.555e4, RT: 9.83 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.760 to 9.792 min ● [C8H10NO6P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Paraoxon-methyl (950-35-6), CE=20±0</p> 
213	克草敌	Std4 - Pebulate (Standard) 204.1317...ry-20200604.wiff2), (sample Index: 5) Area: 4.438e5, Height: 1.133e5, RT: 22.11 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C10H21NOS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pebulate (1114-71-2), CE=35±15</p> 
214	戊菌唑	Std4 - Penconazole (Standard) 284.061...ry-20200604.wiff2), (sample Index: 5) Area: 2.908e5, Height: 6.193e4, RT: 20.52 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.460 to 20.493 min ● [C13H15Cl2N3+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Penconazole (66246-88-6), CE=35±15</p> 

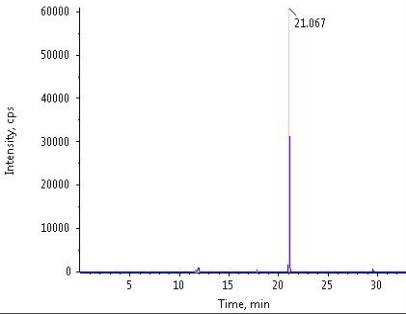
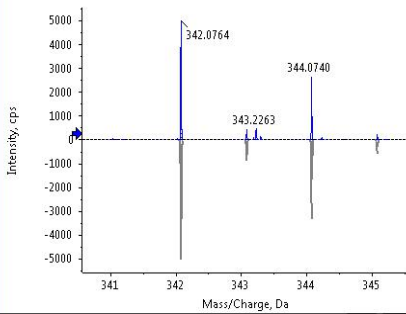
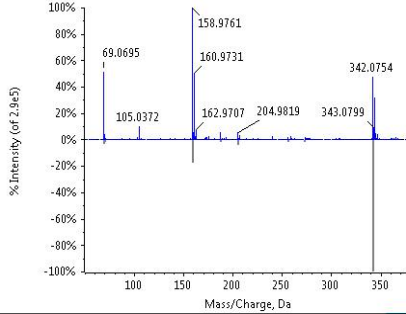
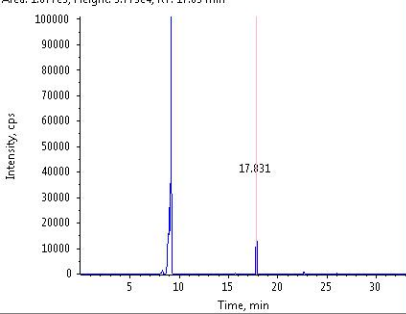
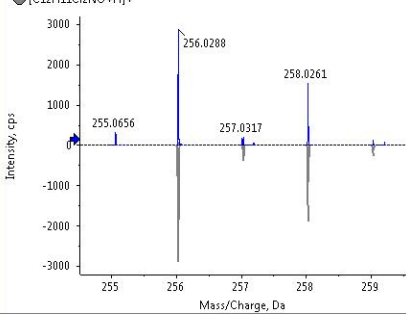
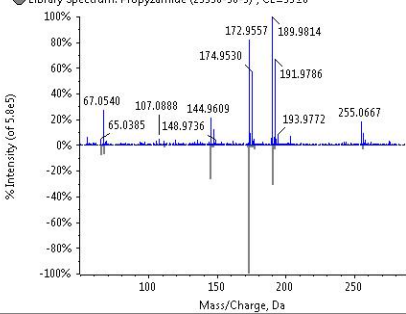
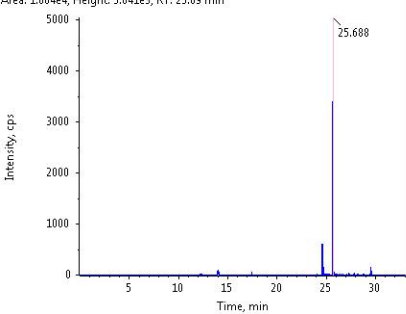
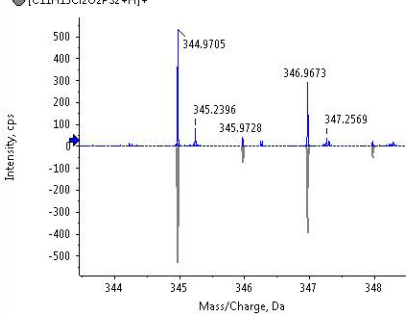
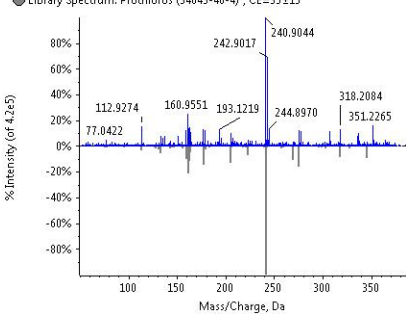
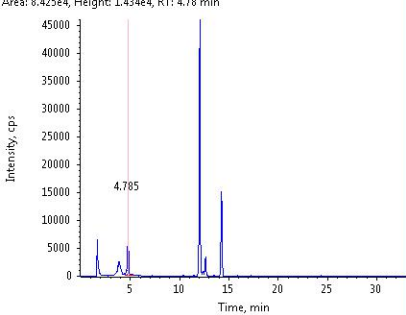
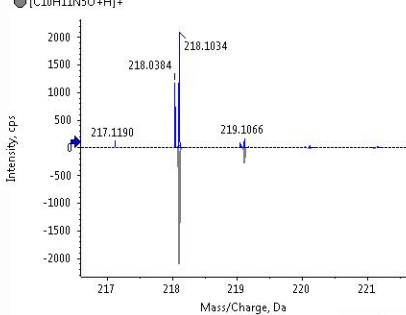
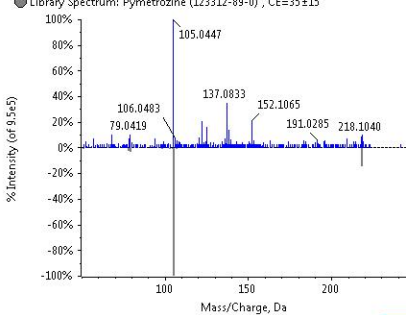
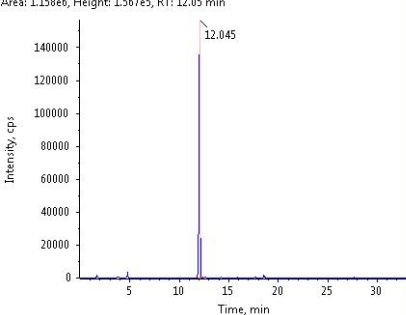
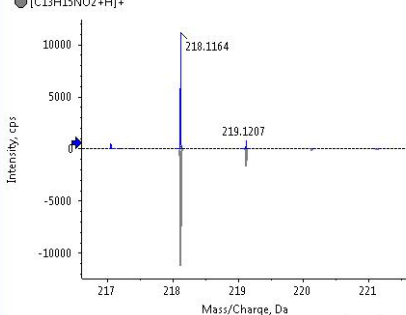
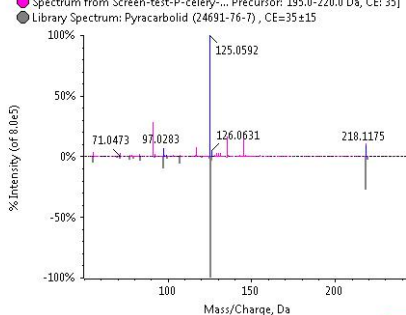
序号	化合物	一级图谱	二级图谱
215	二甲戊灵	Std4 - Pendimethalin (Standard) 282.13...ry-20200604.wiff2), (sample Index: 5) Area: 4.557e4, Height: 1.760e4, RT: 24.40 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.380 to 24.412 min ● [C13H19N3O4+H]⁺</p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Pendimethalin (40487-42-1), CE=35±15</p> 
216	稻丰散	Std4 - Phenthoate (Standard) 321.0279 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.362e4, Height: 6.604e3, RT: 20.34 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.282 to 20.314 min ● [C12H17O4PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Phenthoate (2597-03-7), CE=20±0</p> 
217	伏杀硫磷	Std4 - Phosalone (Standard) 367.9841 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.147e4, Height: 7.120e3, RT: 21.73 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.713 to 21.745 min ● [C12H15ClNO4PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Phosalone (2310-17-0), CE=35±15</p> 
218	硫环磷	Std4 - Phosolan (Standard) 256.0125 ...ry-20200604.wiff2), (sample Index: 5) Area: 9.337e5, Height: 1.145e5, RT: 9.17 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.109 to 9.142 min ● [C7H14NO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Phosolan (947-02-4), CE=35±15</p> 
219	甲基硫环磷	Std4 - Phosolan-Methyl (Standard) 227...ry-20200604.wiff2), (sample Index: 5) Area: 5.050e5, Height: 5.582e4, RT: 5.98 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.938 to 5.971 min ● [C5H10NO3PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Phosolan-Methyl, CE=35±15</p> 

序号	化合物	一级图谱	二级图谱
220	磷胺	Std4 - Phosphamidin (Standard) 300.06...y-20200604.wiff2), (sample Index: 5) Area: 6.497e5, Height: 8.432e4, RT: 10.21 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 10.232 to 10.264 min Library Spectrum: Phosphamidin (13171-21-6), CE=35±15 Mass spectrum showing peaks at 300.0759, 301.0799, 302.0738. Deconvoluted spectrum showing peaks at 72.0446, 127.0149, 145.0488, 174.0668, 226.9878, 302.0742.
221	辛硫磷	Std4 - Phoxim (Standard) 299.0514 - 29...y-20200604.wiff2), (sample Index: 5) Area: 1.025e5, Height: 2.318e4, RT: 21.45 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 21.469 to 21.501 min Library Spectrum: Phoxim (14816-18-3), CE=50±0 Mass spectrum showing peaks at 298.0563, 299.0612, 300.0643, 302.3052. Deconvoluted spectrum showing peaks at 77.0378, 96.9501, 129.0438, 130.0484.
222	氟吡草胺	Std4 - Picolifafen (Standard) 377.0808...y-20200604.wiff2), (sample Index: 5) Area: 3.624e5, Height: 1.413e5, RT: 23.62 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 23.615 to 23.648 min Library Spectrum: Picolifafen (137641-05-5), CE=35±15 Mass spectrum showing peaks at 377.0889, 378.0937. Deconvoluted spectrum showing peaks at 162.0554, 195.0537, 238.0463, 266.0423, 359.0799.
223	啶氧菌酯	Std4 - Picoxystrobin (Standard) 368.10...y-20200604.wiff2), (sample Index: 5) Area: 5.688e3, Height: 1.274e3, RT: 20.06 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 20.038 to 20.070 min Library Spectrum: Picoxystrobin (117428-22-5), CE=35±15 Mass spectrum showing peaks at 367.2422, 368.1104, 369.1139, 369.2596, 371.1019. Deconvoluted spectrum showing peaks at 146.0681, 145.0641, 205.0851.
224	唑啉草酯	Std4 - Pinoxaden (Standard) 401.2335...y-20200604.wiff2), (sample Index: 5) Area: 9.910e5, Height: 1.788e5, RT: 21.86 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 21.794 to 21.826 min Library Spectrum: Pinoxaden, CE=35±15 Mass spectrum showing peaks at 401.2424, 402.2466. Deconvoluted spectrum showing peaks at 57.0695, 317.1836, 318.1887, 401.2415, 402.2460.

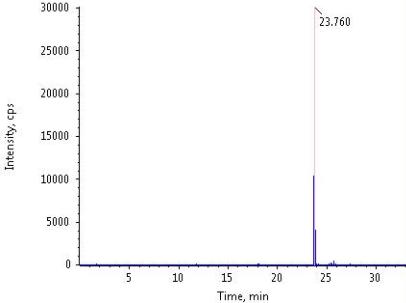
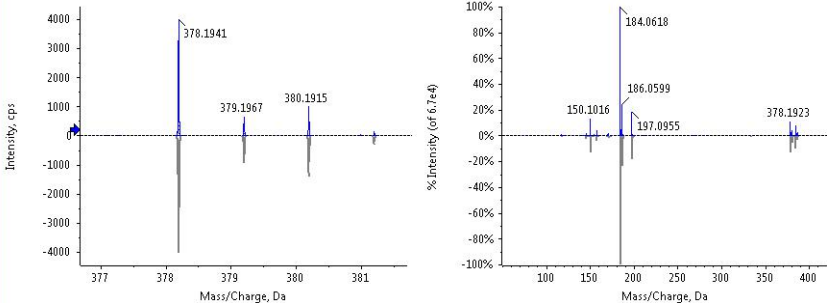
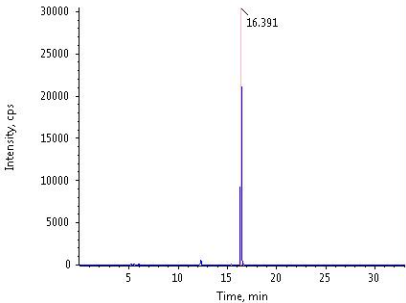
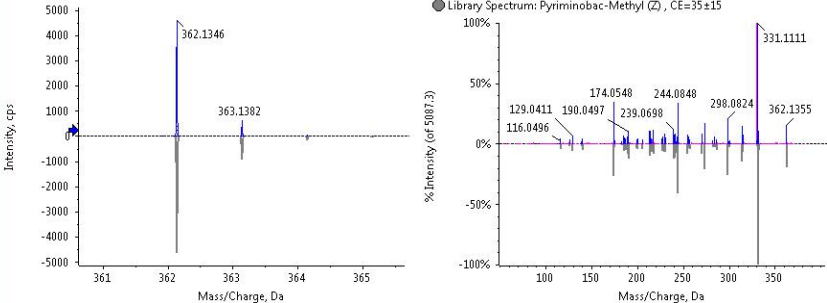
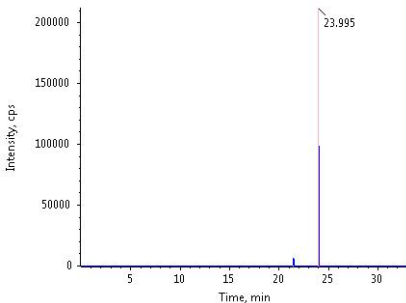
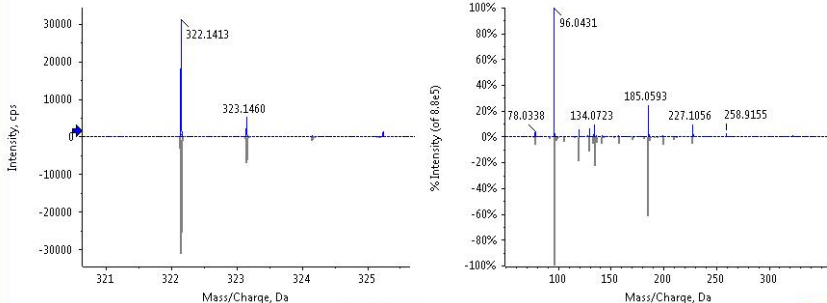
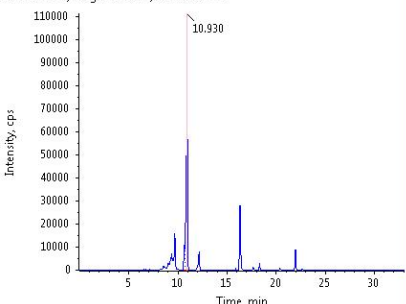
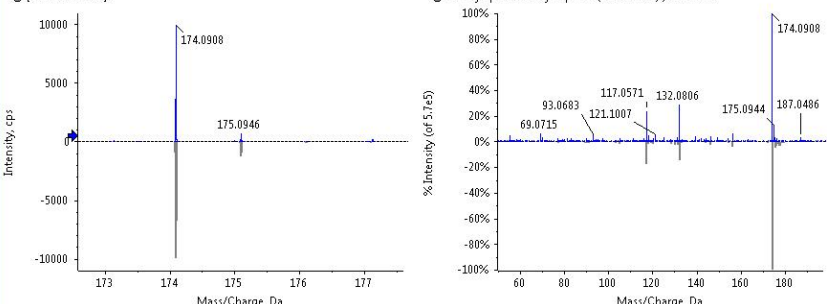
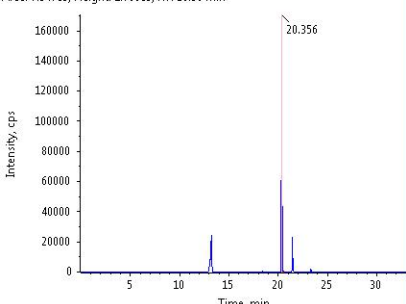
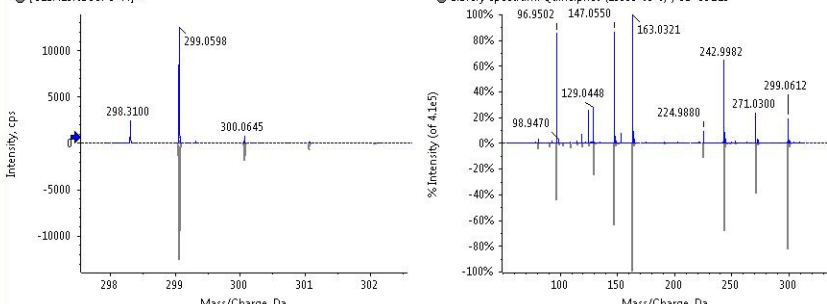
序号	化合物	一级图谱	二级图谱	
225	哌草磷	Std4 - Piperophos (Standard) 354.1221 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.326e6, Height: 2.680e5, RT: 22.67 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.705 to 22.737 min ● [C14H28NO3PS2+H]⁺</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Piperophos (24151-93-7), CE=35±15</p> 
226	抗蚜威	Std4 - Pirimicarb (Standard) 239.1403 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.361e6, Height: 2.705e5, RT: 11.24 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.191 to 11.224 min ● [C11H18N4O2+H]⁺</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Pirimicarb (23103-98-2), CE=35±15</p> 
227	去甲基抗蚜威	Std4 - Pirimicarb-desmethyl (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 1.228e6, Height: 1.006e5, RT: 7.06 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.125 to 7.158 min ● [C10H16N4O2+H]⁺</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Desmethyl-pirimicarb (30614-22-3), CE=50±0</p> 
228	去甲基-甲酰氨基-抗蚜威	Std4 - Pirimicarb-desmethyl-formamido...ry-20200604.wiff2), (sample Index: 5) Area: 3.887e5, Height: 3.612e4, RT: 11.45 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.435 to 11.467 min ● [C11H16N4O3+H]⁺</p> 	<p>● Deconvoluted Spectrum from Sre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Desmethyl-forma...pirimicarb (59333-83-4), CE=35±0</p> 
229	嘧啶磷	Std4 - Pirimiphos-ethyl (Standard) 334...ry-20200604.wiff2), (sample Index: 5) Area: 3.947e5, Height: 2.022e5, RT: 23.81 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.794 to 23.827 min ● [C13H24N3O3PS+H]⁺</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Pirimiphos-ethyl (23505-41-1), CE=35±15</p> 

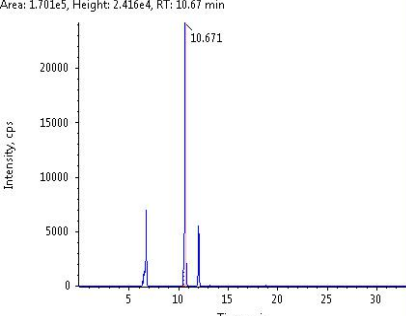
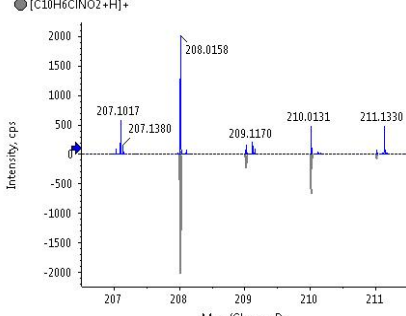
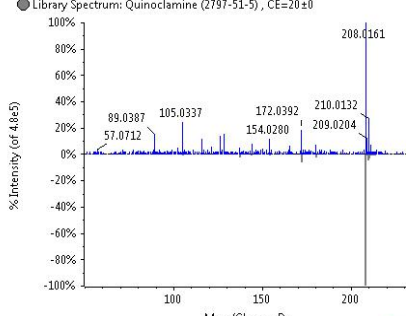
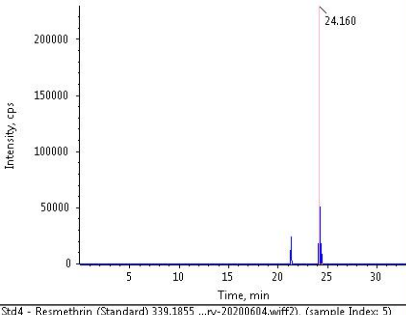
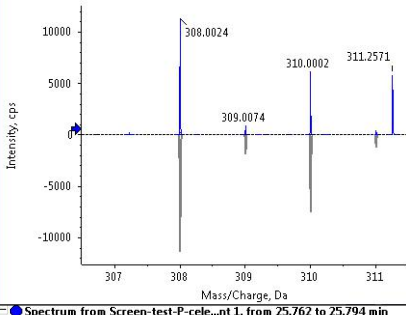
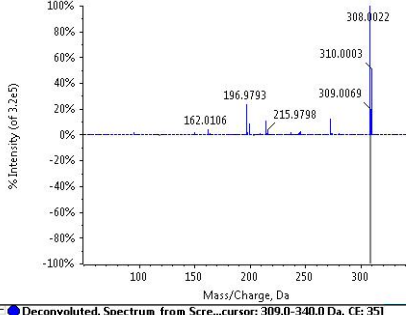
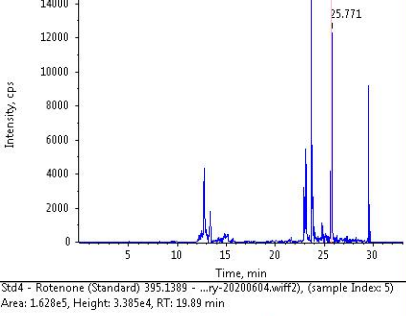
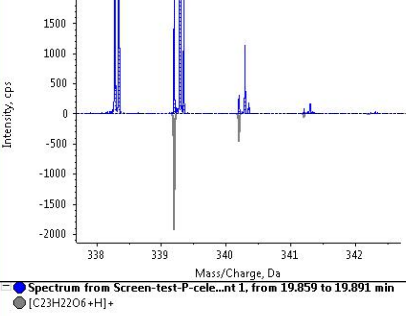
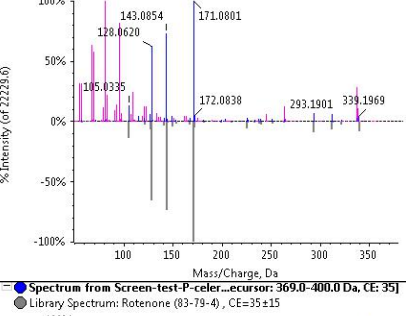
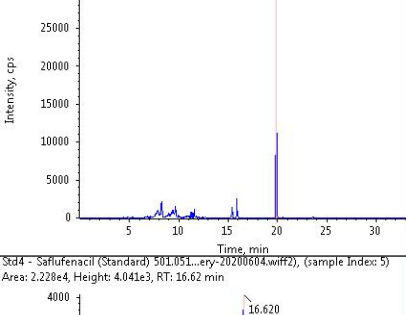
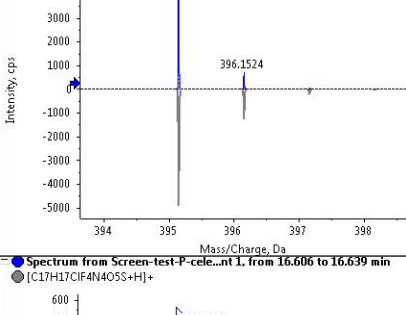
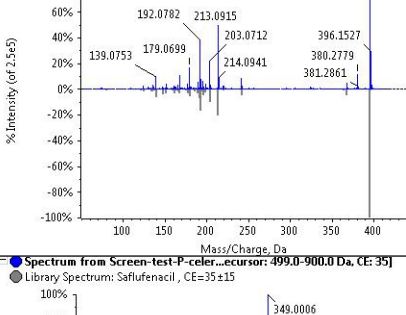
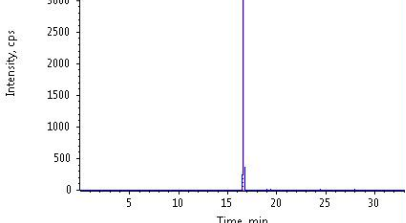
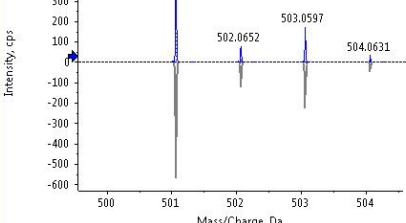
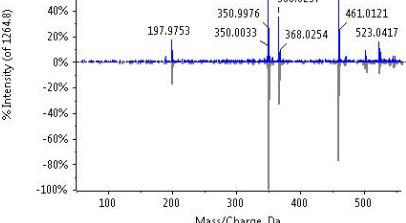
序号	化合物	一级图谱	二级图谱
230	甲基嘧啶磷	<p>Std4 - Pirimiphos-methyl (Standard) 30...ry-20200604.wiff2), (sample Index: 5) Area: 1.142e6, Height: 2.591e5, RT: 21.69 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.713 to 21.745 min ● [C11H20N3O3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE=35]</p> <p>● Library Spectrum: Pirimiphos-methyl (29232-93-7), CE=35±15</p> 
231	丙草胺	<p>Std4 - Pretilachlor (Standard) 312.1625...ry-20200604.wiff2), (sample Index: 5) Area: 4.504e5, Height: 4.794e4, RT: 23.02 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.981 to 23.014 min ● [C17H26ClNO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE=35]</p> <p>● Library Spectrum: Pretilachlor, CE=35±15</p> 
232	咪鲜胺	<p>Std4 - Prochloraz (Standard) 376.0281...ry-20200604.wiff2), (sample Index: 5) Area: 5.304e4, Height: 1.154e4, RT: 21.32 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.306 to 21.339 min ● [C15H16ClN3O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE=35]</p> <p>● Library Spectrum: Prochloraz (67747-09-5), CE=20±0</p> 
233	扑草净	<p>Std4 - Prometryne (Standard) 242.1334...ry-20200604.wiff2), (sample Index: 5) Area: 1.399e6, Height: 2.160e5, RT: 17.74 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.663 to 17.696 min ● [C10H19N5S+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE=35]</p> <p>● Library Spectrum: Prometryne (7287-19-6), CE=35±15</p> 

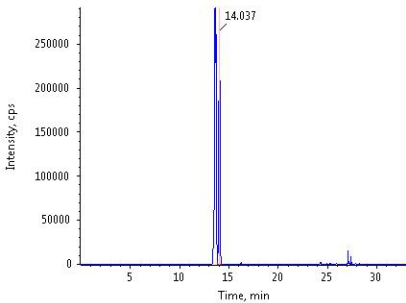
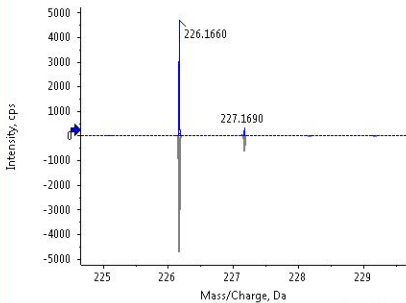
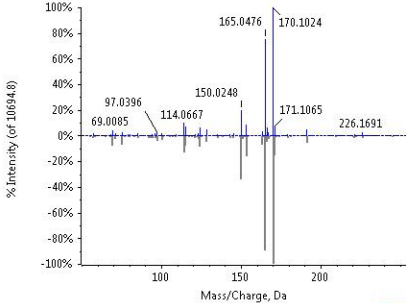
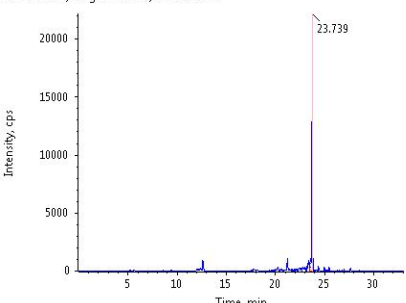
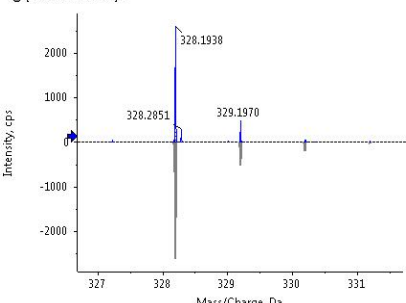
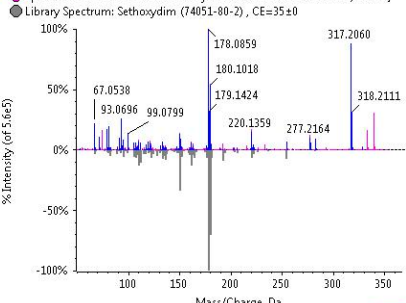
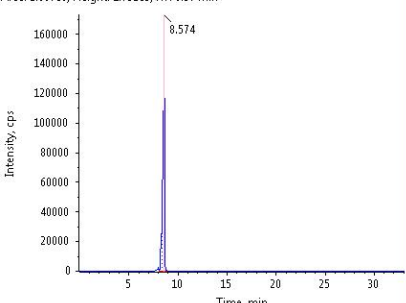
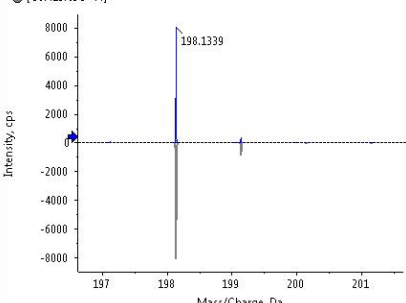
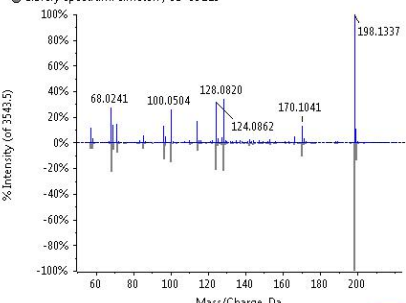
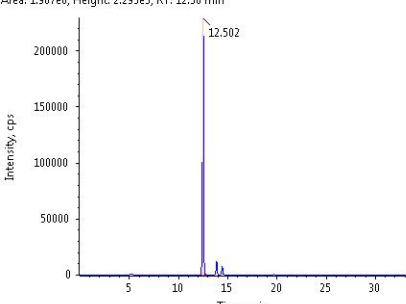
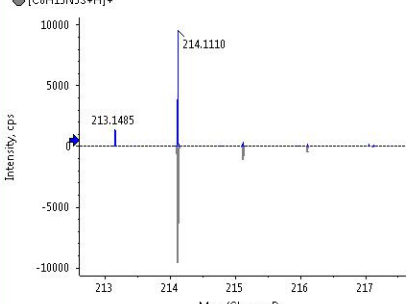
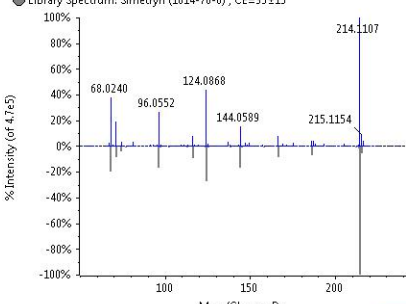
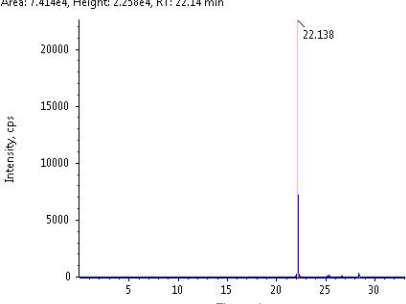
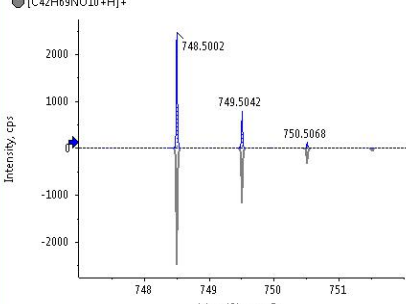
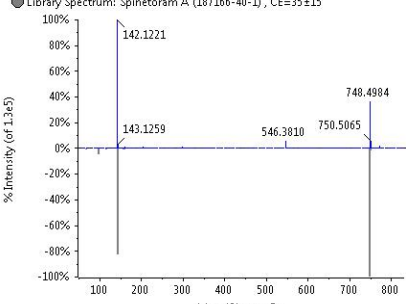
序号	化合物	一级图谱	二级图谱
234	毒草胺	Std4 - Propachlor (Standard) 212.0737 ...ry-20200604.wiff(2), (sample Index: 5) Area: 4.574e5, Height: 8.802e4, RT: 14.62 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 14.655 to 14.687 min ● [C11H14ClNO + H]⁺  Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Propachlor (1918-16-7), CE=20±0 
235	霜霉威	Std4 - Propamocarb (Standard) 189.149...ry-20200604.wiff(2), (sample Index: 5) Area: 2.452e5, Height: 4.652e4, RT: 4.76 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...ment 1, from 4.702 to 4.735 min ● [C9H20N2O2 + H]⁺  Spectrum from Screen-test-P-celer...cursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Propamocarb (24579-73-5), CE=35±15 
236	敌稗	Std4 - Propanil (Standard) 218.0034 - ...ry-20200604.wiff(2), (sample Index: 5) Area: 1.491e5, Height: 2.304e4, RT: 16.66 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 16.590 to 16.623 min ● [C9H9Cl2NO + H]⁺  Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Propanil (709-98-8), CE=35±15 
237	丙虫磷	Std4 - Propaphos (Standard) 305.0871 - ...ry-20200604.wiff(2), (sample Index: 5) Area: 2.184e5, Height: 5.258e4, RT: 20.75 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 20.769 to 20.802 min ● [C13H21O4PS + H]⁺  Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: propaphos, CE=35±15 
238	扑灭津	Std4 - Propazine (Standard) 230.1067 - ...ry-20200604.wiff(2), (sample Index: 5) Area: 7.263e5, Height: 1.280e5, RT: 16.78 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 16.818 to 16.850 min ● [C9H16ClN5 + H]⁺  Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Propazine (139-40-2), CE=20±0 

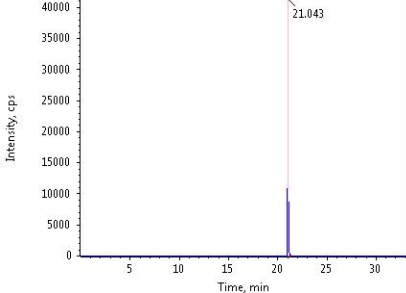
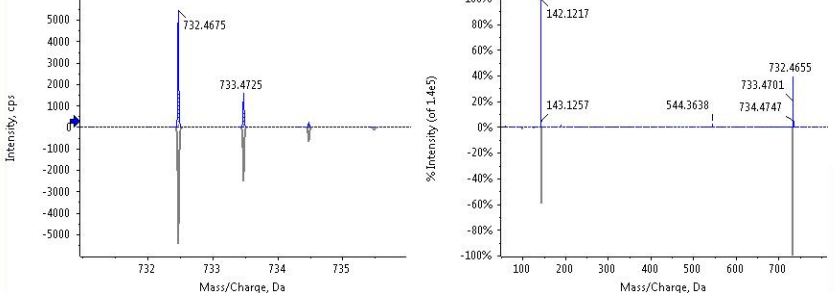
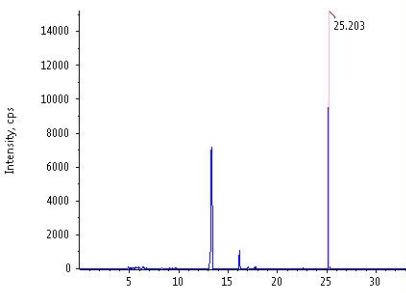
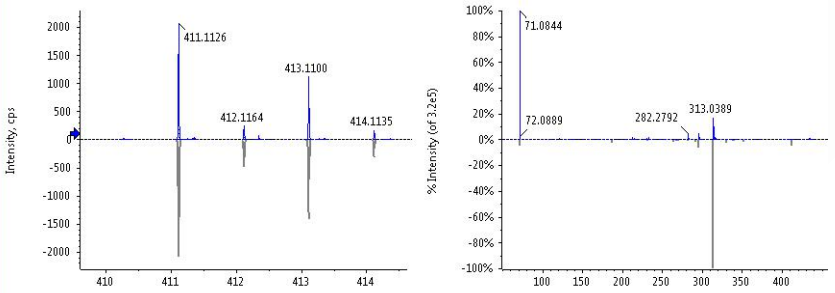
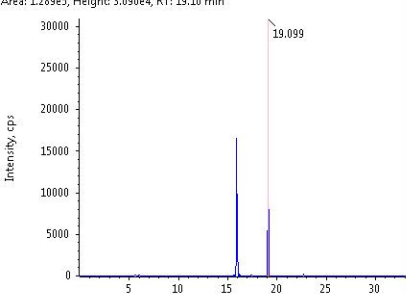
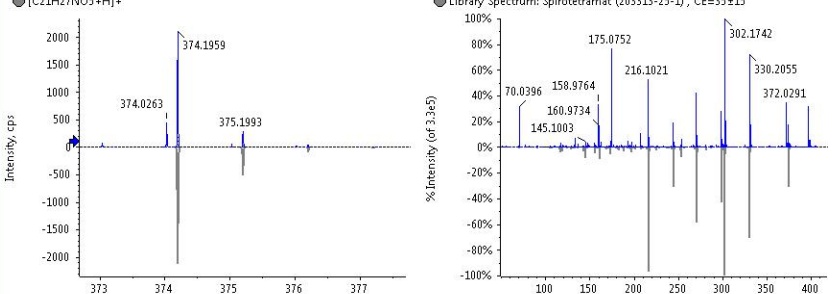
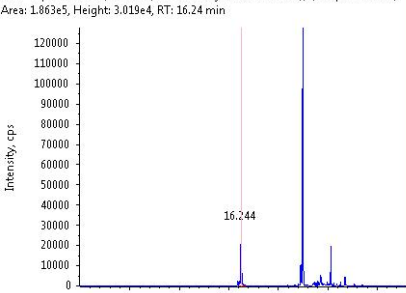
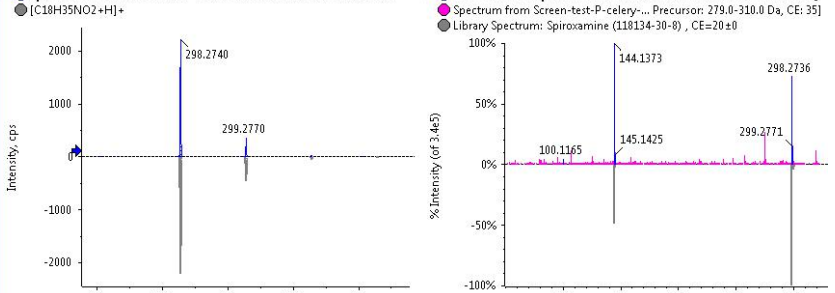
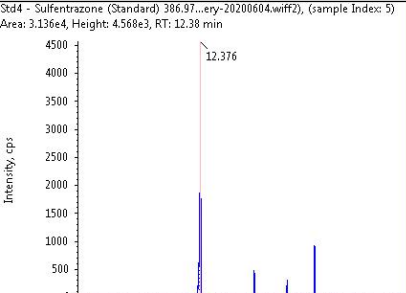
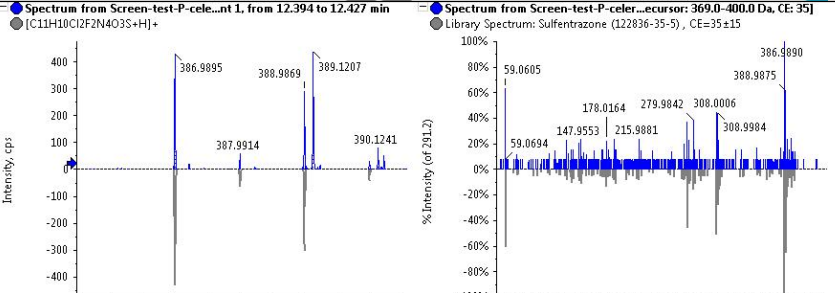
序号	化合物	一级图谱	二级图谱
239	丙环唑	Std4 - Propiconazole (Standard) 342.06...ry-20200604.wiff2), (sample Index: 5) Area: 2.794e5, Height: 6.084e4, RT: 21.07 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.095 to 21.127 min ● [C15H17Cl2N3O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Propiconazole (60207-90-1), CE=20±0</p> 
240	炔苯酞草胺	Std4 - Propyzamide (Standard) 256.019...ry-20200604.wiff2), (sample Index: 5) Area: 1.877e5, Height: 3.779e4, RT: 17.83 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.858 to 17.891 min ● [C12H11Cl2NO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Propyzamide (23950-58-5), CE=35±0</p> 
241	丙硫磷	Std4 - Prothiofos (Standard) 344.9601...ry-20200604.wiff2), (sample Index: 5) Area: 1.004e4, Height: 5.041e3, RT: 25.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.664 to 25.697 min ● [C11H15ClO2PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Prothiofos (34643-46-4), CE=35±15</p> 
242	吡蚜酮	Std4 - Pymetrozine (Standard) 218.0936...ry-20200604.wiff2), (sample Index: 5) Area: 8.425e4, Height: 1.434e4, RT: 4.78 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.767 to 4.800 min ● [C10H11N5O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pymetrozine (123312-89-0), CE=35±15</p> 
243	吡喃灵	Std4 - Pyracarbolid (Standard) 218.107...ry-20200604.wiff2), (sample Index: 5) Area: 1.158e6, Height: 1.567e5, RT: 12.05 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.955 to 11.988 min ● [C13H15NO2+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pyracarbolid (24691-76-7), CE=35±15</p> 

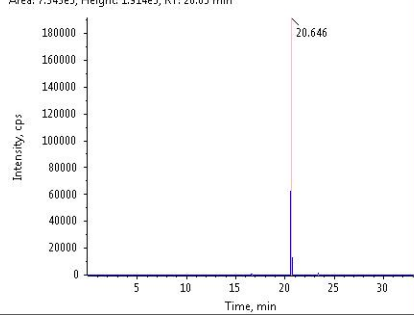
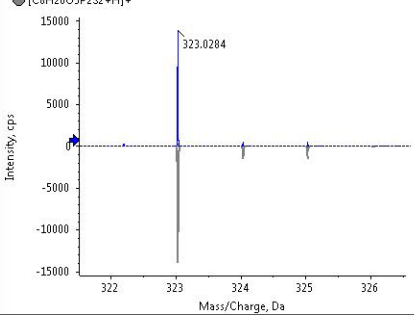
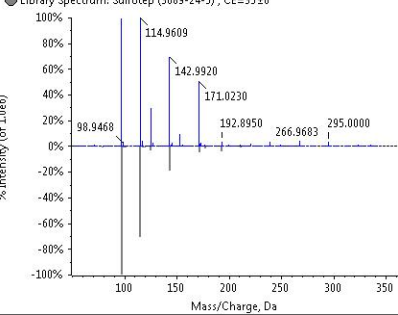
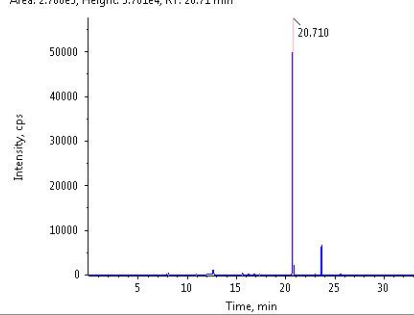
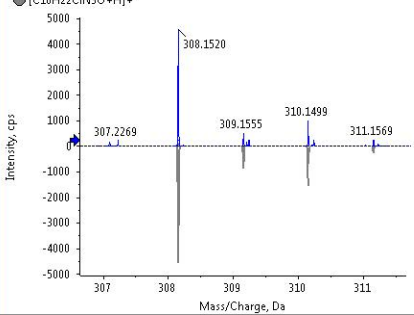
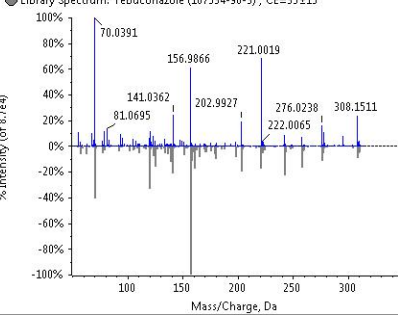
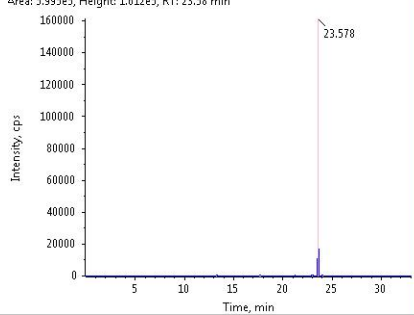
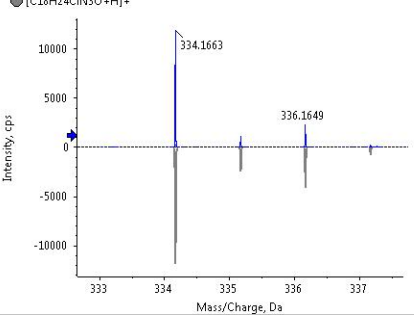
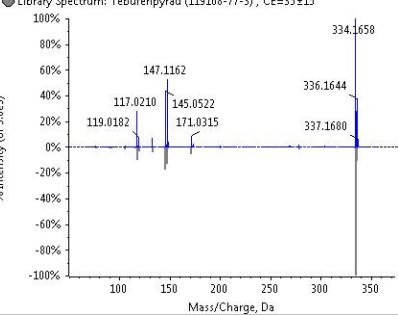
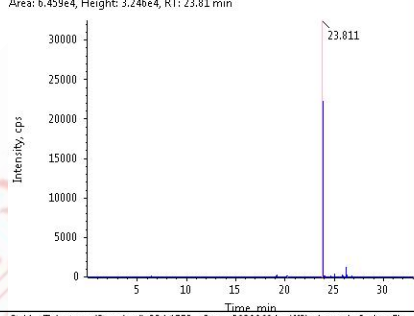
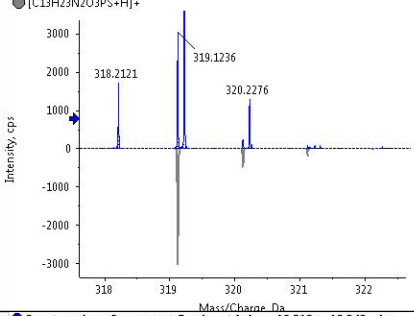
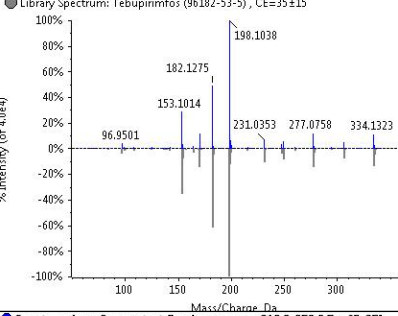
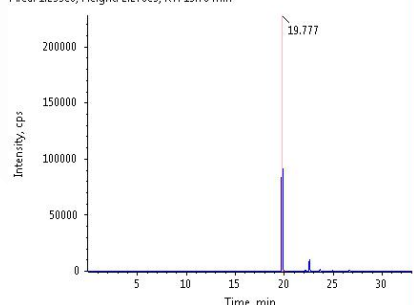
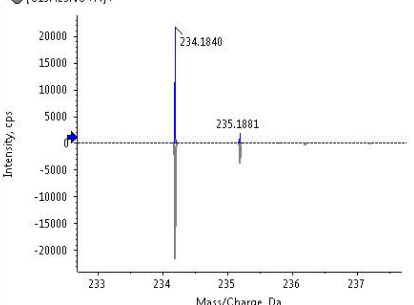
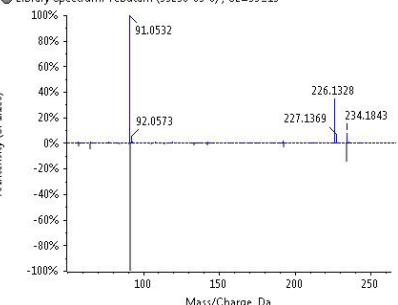
序号	化合物	一级图谱	二级图谱	
244	吡唑醚菌酯	Std4 - Pyraclostrobin (Standard) 388.0...ry-20200604.wiff2), (sample Index: 5) Area: 5.123e5, Height: 1.198e5, RT: 21.49 min	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.517 to 21.550 min</p> <p>● [C₁₉H₁₈ClN₃O₄+H]⁺</p>	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35]</p> <p>● Library Spectrum: Pyraclostrobin (175013-18-0), CE=35±0</p>
245	吡菌磷	Std4 - Pyrazophos (Standard) 374.0834 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.979e5, Height: 9.002e4, RT: 21.96 min	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.005 to 22.038 min</p> <p>● [C₁₄H₂₀N₃O₅P+H]⁺</p>	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35]</p> <p>● Library Spectrum: Pyrazophos (13457-18-6), CE=35±15</p>
246	哒螨灵	Std4 - Pyridaben (Standard) 365.1349 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.278e5, Height: 9.980e4, RT: 25.54 min	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.502 to 25.534 min</p> <p>● [C₁₉H₂₅ClN₂O₃+H]⁺</p>	<p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35]</p> <p>● Library Spectrum: Pyridaben (96489-71-3), CE=35±0</p>
247	环酯草醚	Std4 - Pyrifalid (Standard) 319.0647 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.663e5, Height: 1.449e5, RT: 16.24 min	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.232 to 16.265 min</p> <p>● [C₁₅H₁₄N₂O₄S+H]⁺</p>	<p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</p> <p>● Library Spectrum: Pyrifalid, CE=35±15</p>
248	啉霉胺	Std4 - Pyrimethanil (Standard) 200.108...ry-20200604.wiff2), (sample Index: 5) Area: 4.437e5, Height: 1.167e5, RT: 15.87 min	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.875 to 15.907 min</p> <p>● [C₁₂H₁₃N₃+H]⁺</p>	<p>● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35]</p> <p>● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35]</p> <p>● Library Spectrum: Pyrimethanil (53112-28-0), CE=20±0</p>

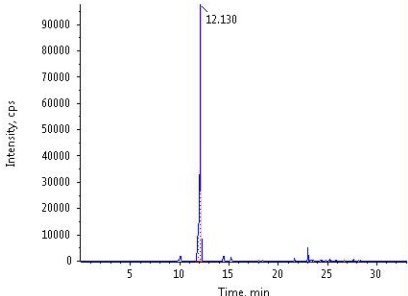
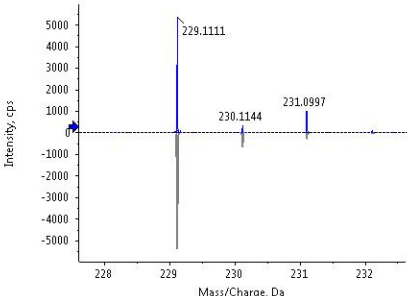
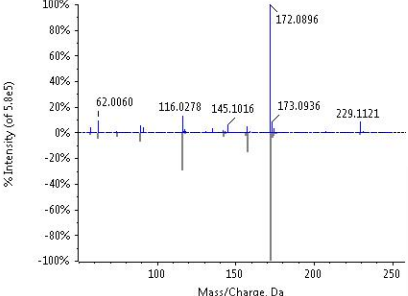
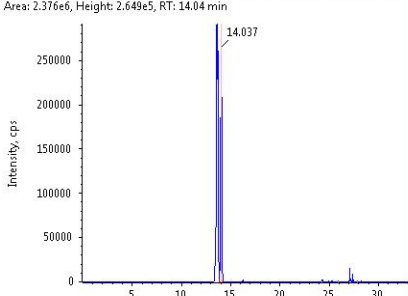
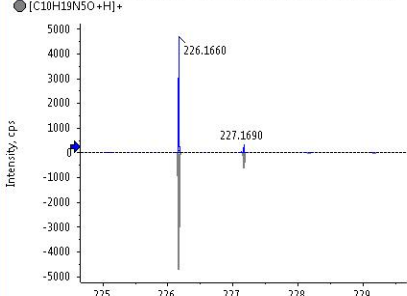
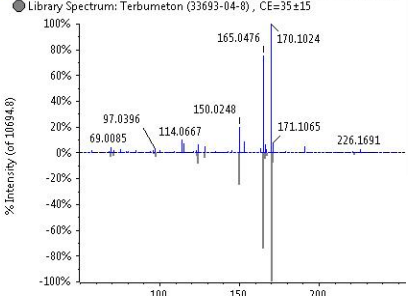
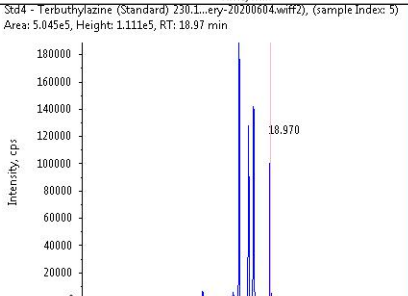
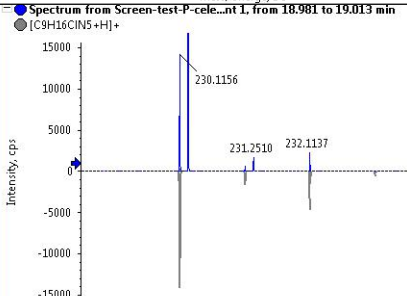
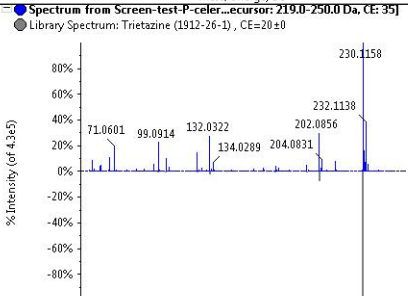
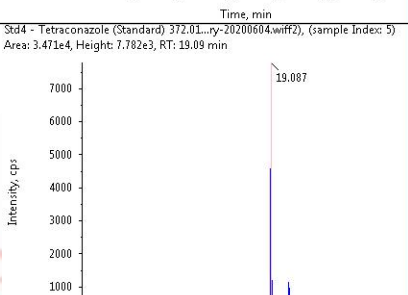
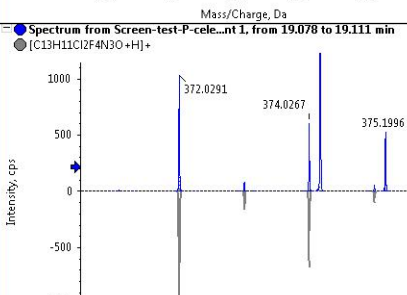
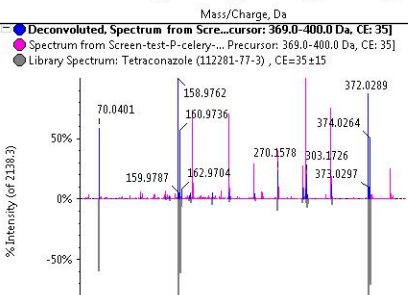
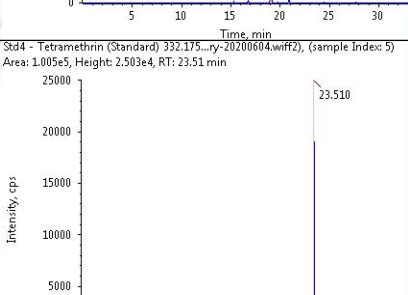
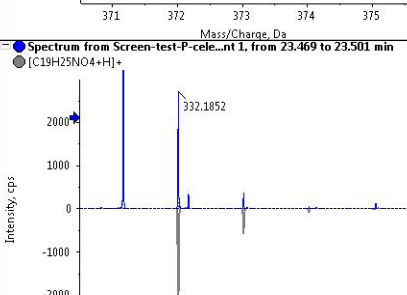
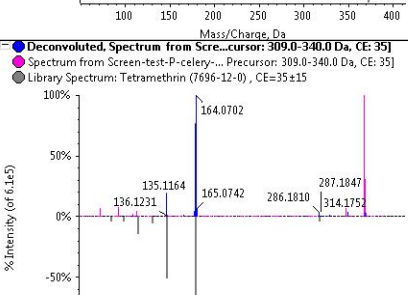
序号	化合物	一级图谱	二级图谱
249	嘧啶醚	Std4 - Pyrimidifen (Standard) 378.1843...ry-20200604.wiff2), (sample Index: 5) Area: 1.197e5, Height: 3.013e4, RT: 23.76 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 23.745 to 23.778 min ● [C20H28ClN3O2+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Pyrimidifen, CE=35±15 
250	嘧草醚-Z	Std4 - Pyriminobac-Methyl (Z) (Standard...ry-20200604.wiff2), (sample Index: 5) Area: 1.997e5, Height: 3.043e4, RT: 16.39 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 16.379 to 16.411 min ● [C17H19N3O6+H]⁺ ● Deconvoluted Spectrum from Scre...cursor: 339.0-370.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Pyriminobac-Methyl (Z), CE=35±15 
251	吡丙醚	Std4 - Pyriproxyfen (Standard) 322.133...ry-20200604.wiff2), (sample Index: 5) Area: 6.801e5, Height: 2.120e5, RT: 24.00 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 23.989 to 24.022 min ● [C20H19NO3+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Pyriproxyfen (95737-68-1), CE=35±10 
252	咯嗉酮	Std4 - Pyroquilon (Standard) 174.0813...ry-20200604.wiff2), (sample Index: 5) Area: 9.596e5, Height: 1.112e5, RT: 10.93 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 10.963 to 10.996 min ● [C11H11NO+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Pyroquilon (57369-32-1), CE=35±15 
253	喹硫磷	Std4 - Quinalphos (Standard) 299.0514...ry-20200604.wiff2), (sample Index: 5) Area: 7.547e5, Height: 1.706e5, RT: 20.36 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 20.298 to 20.330 min ● [C12H15N2O3PS+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Quinalphos (13593-03-8), CE=35±15 

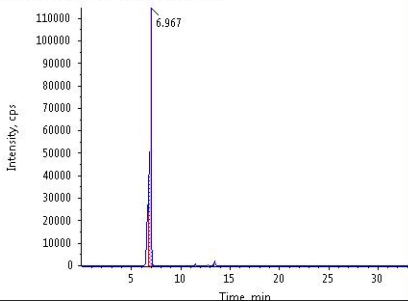
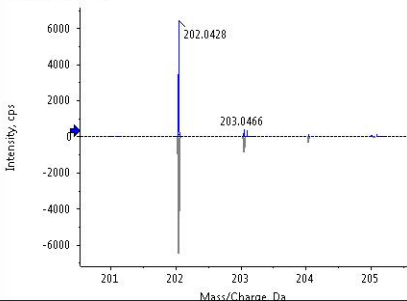
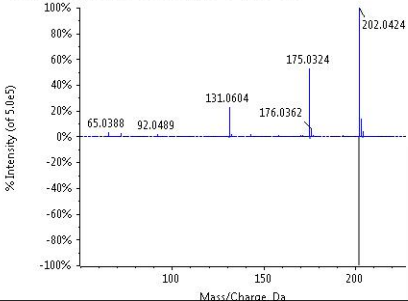
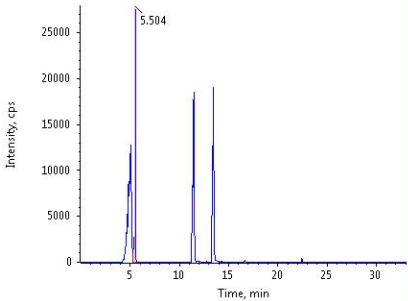
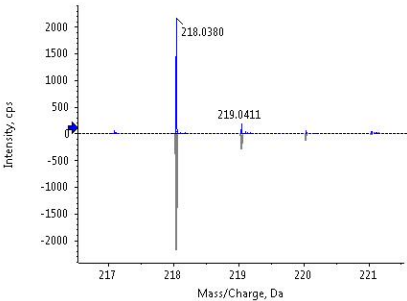
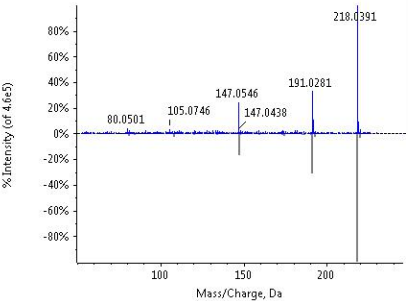
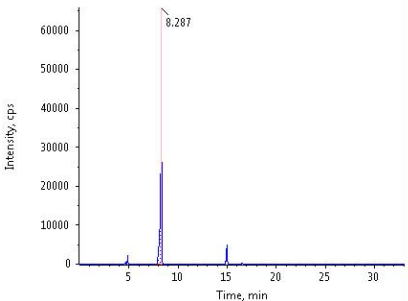
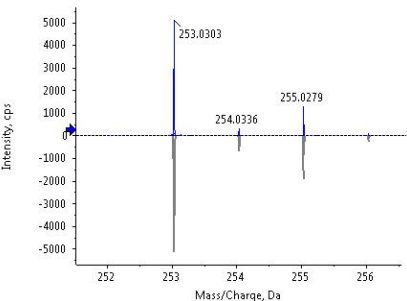
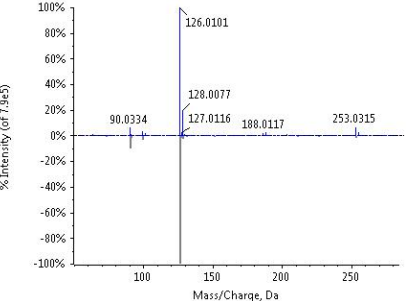
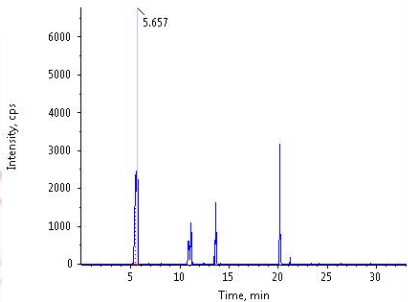
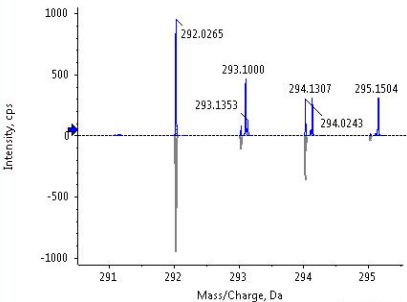
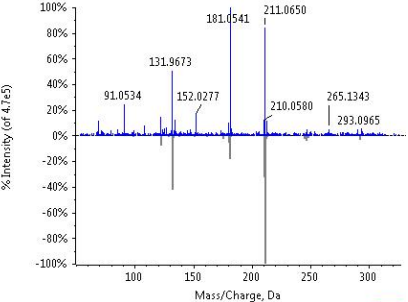
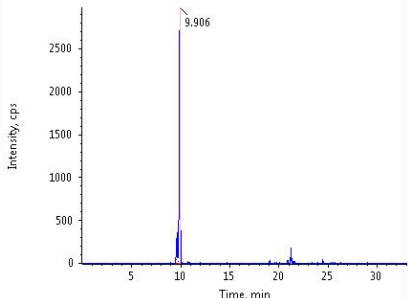
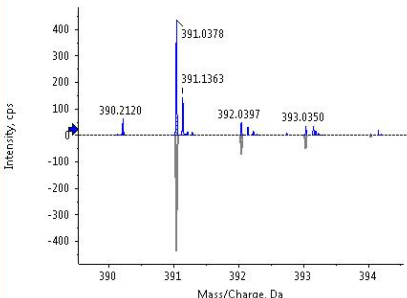
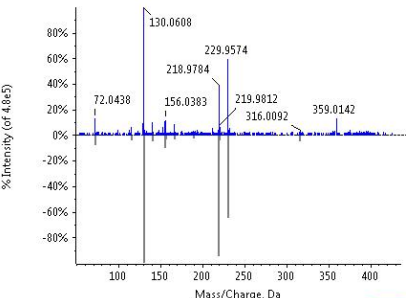
序号	化合物	一级图谱	二级图谱
254	灭藻醌	Std4 - Quinoclamine (Standard) 208.00...ry-20200604.wiff2), (sample Index: 5) Area: 1.701e5, Height: 2.416e4, RT: 10.67 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 10.703 to 10.736 min ● [C10H6ClNO2+H]⁺  Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Quinoclamine (2797-51-5), CE=20±0 
255	喹氧灵	Std4 - Quinoxifen (Standard) 307.9940...ry-20200604.wiff2), (sample Index: 5) Area: 9.228e5, Height: 2.296e5, RT: 24.16 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 24.201 to 24.239 min ● [C15H8Cl2FNO+H]⁺  Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Quinoxifen (124495-18-7), CE=20±0 
256	苄呋菊酯	Std4 - Resmethrin (Standard) 339.1055...ry-20200604.wiff2), (sample Index: 5) Area: 7.305e4, Height: 1.230e4, RT: 25.77 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 25.762 to 25.794 min ● [C22H26O3+H]⁺  Deconvoluted, Spectrum from Screen...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Resmethrin (10453-86-8), CE=35±15 
257	鱼藤酮	Std4 - Rotenone (Standard) 395.1389...ry-20200604.wiff2), (sample Index: 5) Area: 1.628e5, Height: 3.385e4, RT: 19.89 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 19.859 to 19.891 min ● [C23H22O6+H]⁺  Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Rotenone (83-79-4), CE=35±15 
258	苯噻磺草胺	Std4 - Safiufenacil (Standard) 501.051...ry-20200604.wiff2), (sample Index: 5) Area: 2.228e4, Height: 4.041e3, RT: 16.62 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 16.606 to 16.639 min ● [C17H17ClF4N4O5S+H]⁺  Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Safiufenacil, CE=35±15 

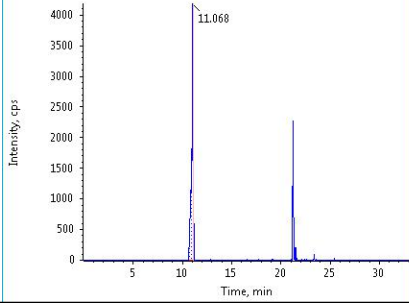
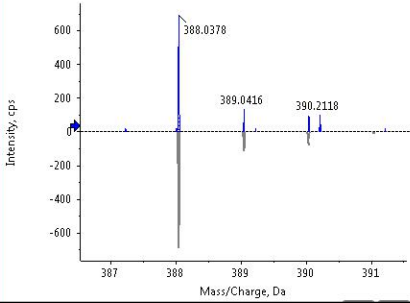
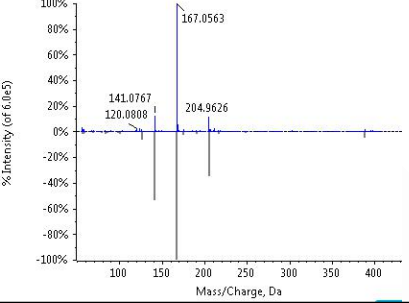
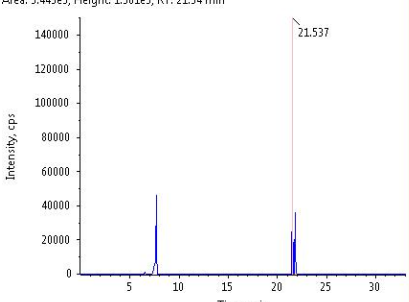
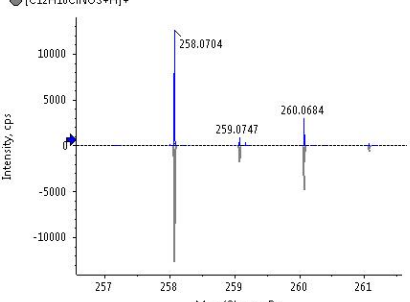
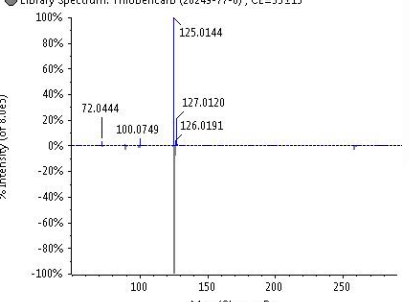
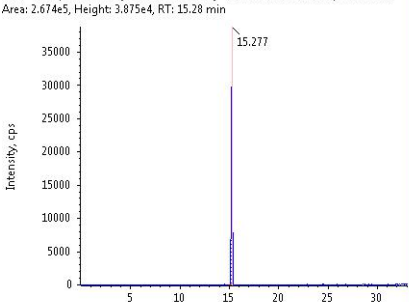
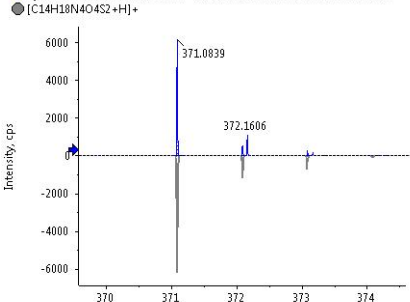
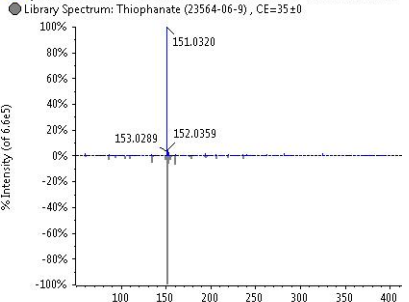
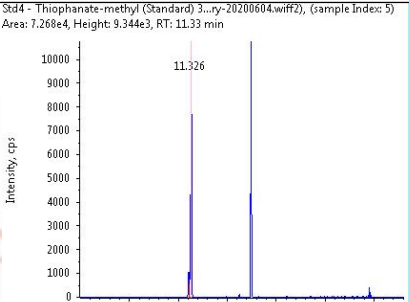
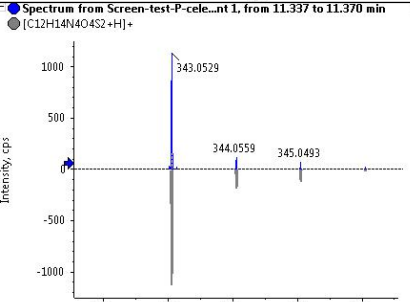
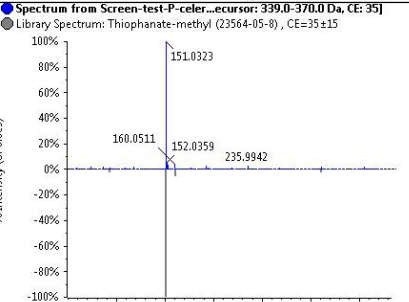
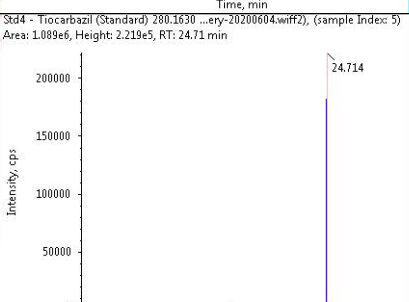
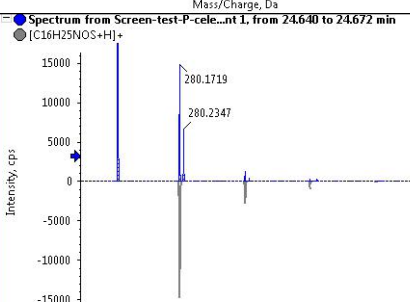
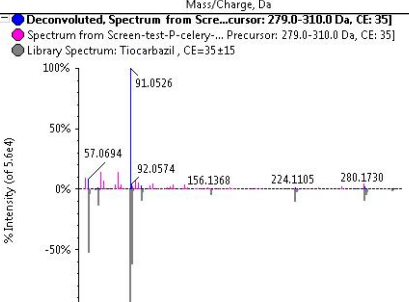
序号	化合物	一级图谱	二级图谱	
259	仲丁通	Std4 - Secbuneton (Standard) 226.1562...y-20200604.wiff2), (sample Index: 5) Area: 2.376e6, Height: 2.649e5, RT: 14.04 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 14.134 to 14.167 min [C10H19NO5+H]⁺  	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] Library Spectrum: Secbuneton (26259-45-0), CE=35±15 
260	烯禾啶	Std4 - Sethoxydim (Standard) 328.1841 ...ry-20200604.wiff2), (sample Index: 5) Area: 9.791e4, Height: 2.217e4, RT: 23.74 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 23.729 to 23.762 min [C17H28NO3S+H]⁺  	<ul style="list-style-type: none"> Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] Library Spectrum: Sethoxydim (74051-80-2), CE=35±0 
261	西玛通	Std4 - Simeton (Standard) 198.1249 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.007e6, Height: 1.732e5, RT: 8.57 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...ment 1, from 8.654 to 8.687 min [C8H15N5O+H]⁺  	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] Library Spectrum: Simeton, CE=35±15 
262	西草净	Std4 - Simetryn (Standard) 214.1021 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.907e6, Height: 2.295e5, RT: 12.50 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 12.573 to 12.606 min [C8H15N5S+H]⁺  	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] Library Spectrum: Simetryn (1014-70-6), CE=35±15 
263	乙基多杀菌素	Std4 - Spinetoram (Standard) 748.4894 ...ry-20200604.wiff2), (sample Index: 5) Area: 7.414e4, Height: 2.258e4, RT: 22.14 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 22.135 to 22.168 min [C42H69NO10+H]⁺  	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] Library Spectrum: Spinetoram A (187166-40-1), CE=35±15 

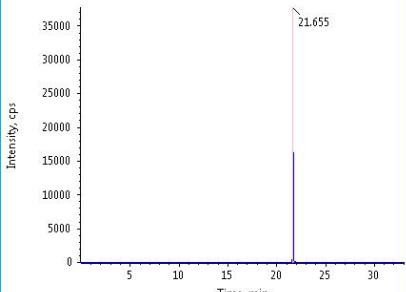
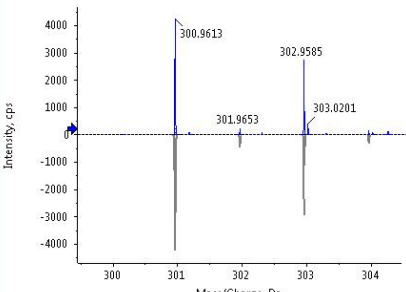
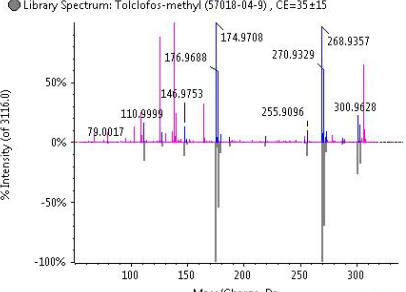
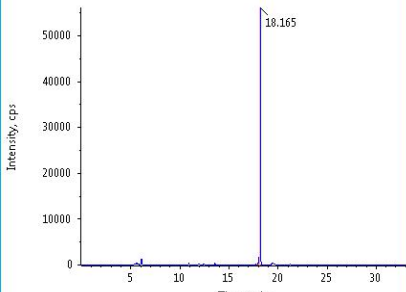
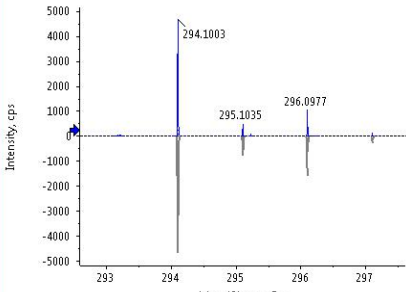
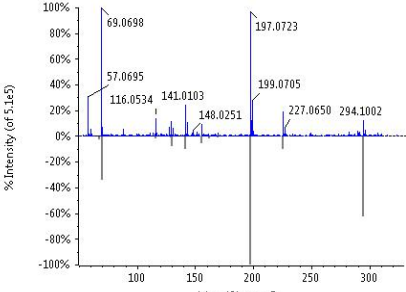
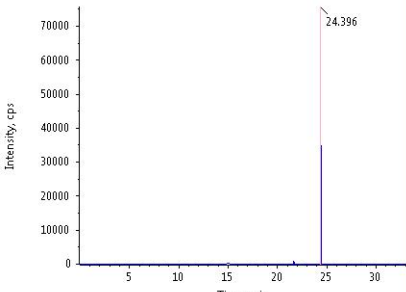
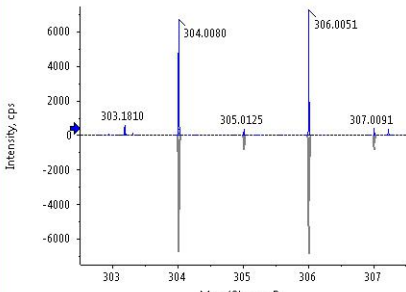
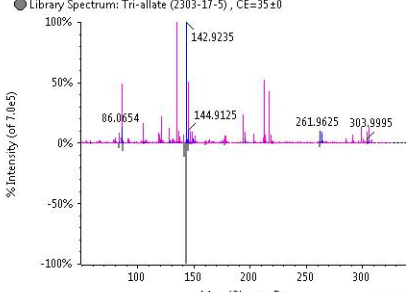
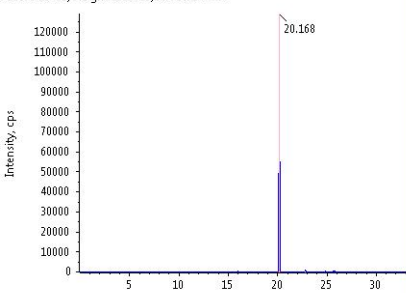
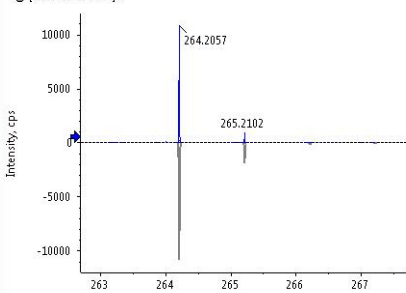
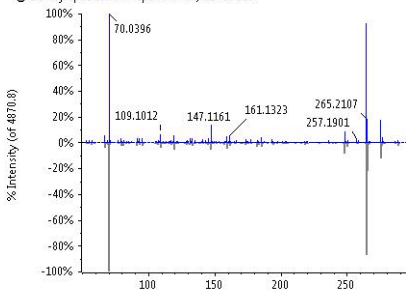
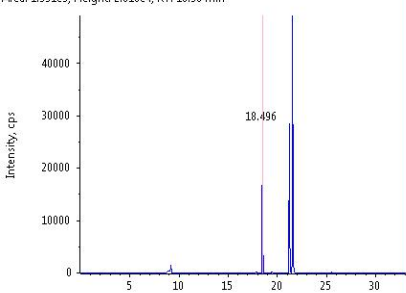
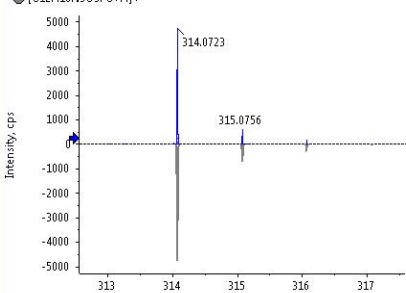
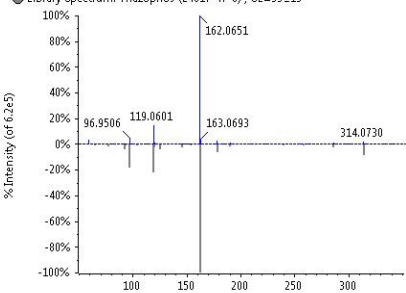
序号	化合物	一级图谱	二级图谱
264	多杀霉素	Std4 - Spinosad (Standard) 732.4581...ry-20200604.wiff2), (sample Index: 5) Area: 1.847e5, Height: 4.136e4, RT: 21.04 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 21.046 to 21.078 min ● [C41H65NO10+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Spinosad (131929-60-7), CE=35±0 
265	螺螨酯	Std4 - Spirodiclofen (Standard) 411.10...ry-20200604.wiff2), (sample Index: 5) Area: 4.401e4, Height: 1.521e4, RT: 25.20 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 25.193 to 25.225 min ● [C21H24Cl2O4+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Spirodiclofen (148477-71-8), CE=20±0 
266	螺虫乙酯	Std4 - Spirotetramat (Standard) 374.18...ry-20200604.wiff2), (sample Index: 5) Area: 1.289e5, Height: 3.090e4, RT: 19.10 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 19.046 to 19.078 min ● [C21H27NO5+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Spirotetramat (203313-25-1), CE=35±15 
267	螺环菌胺	Std4 - Spiroxamine (Standard) 298.2641...ry-20200604.wiff2), (sample Index: 5) Area: 1.863e5, Height: 3.019e4, RT: 16.24 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 16.265 to 16.297 min ● [C18H35NO2+H]⁺ ● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Spiroxamine (118134-30-8), CE=20±0 
268	甲磺草胺	Std4 - Sulfentrazone (Standard) 386.97...ry-20200604.wiff2), (sample Index: 5) Area: 3.136e4, Height: 4.568e3, RT: 12.38 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-celer...nt 1, from 12.394 to 12.427 min ● [C11H10Cl2F2N4O3S+H]⁺ ● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Sulfentrazone (122836-35-5), CE=35±15 

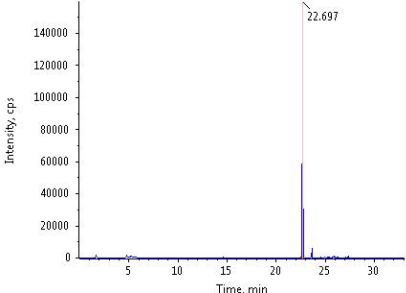
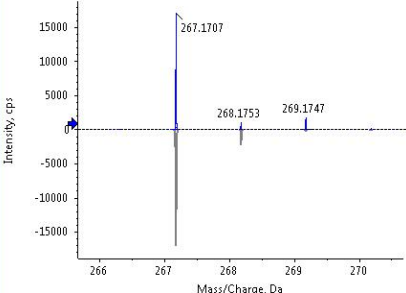
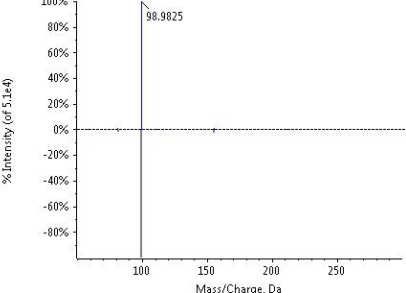
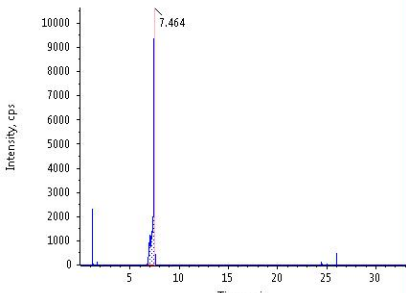
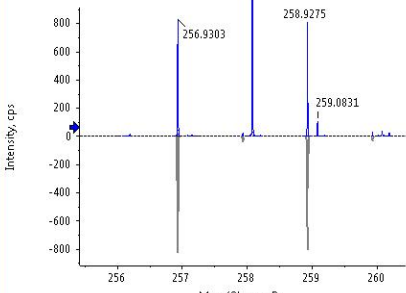
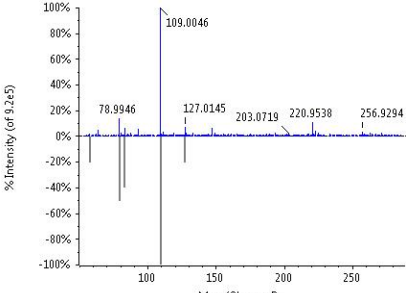
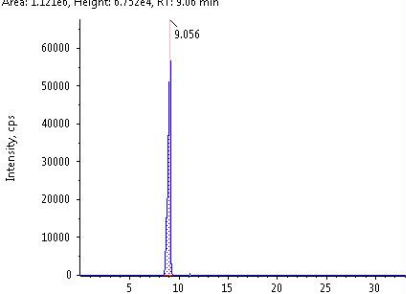
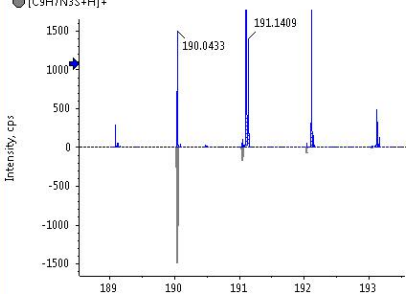
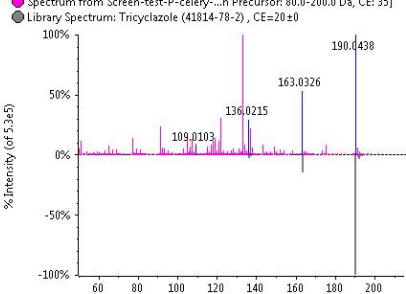
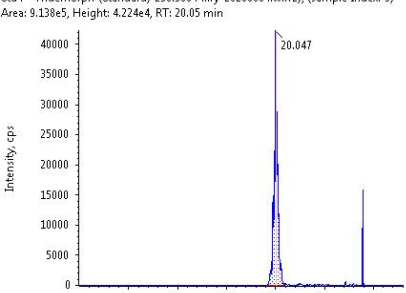
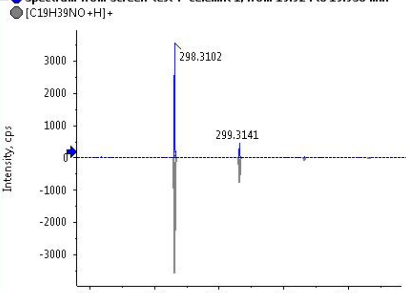
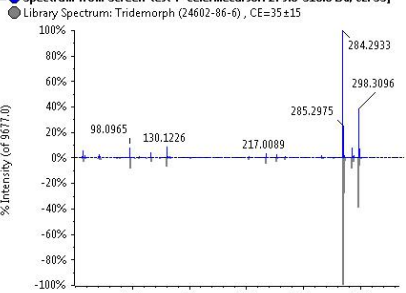
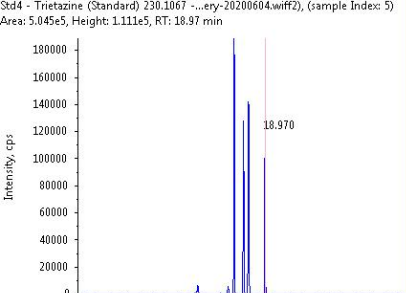
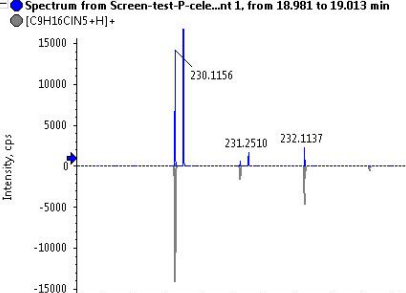
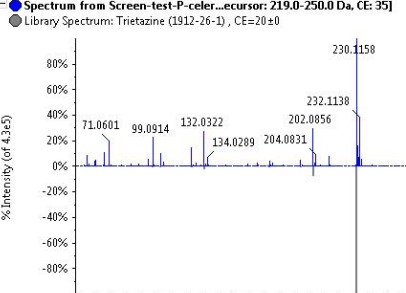
序号	化合物	一级图谱	二级图谱
269	治螟磷	<p>Std4 - Sulfotep (Standard) 323.0200 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 7.343e5, Height: 1.914e5, RT: 20.65 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 20.591 to 20.623 min ● [C8H20O5P2S2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Sulfotep (3689-24-5), CE=35±0</p> 
270	戊唑醇	<p>Std4 - Tebuconazole (Standard) 308.14...ry-20200604.wiff2), (sample Index: 5) Area: 2.786e5, Height: 5.761e4, RT: 20.71 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 20.737 to 20.769 min ● [C16H22ClN3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tebuconazole (107534-96-3), CE=35±15</p> 
271	吡蚜胺	<p>Std4 - Tebufenpyrad (Standard) 334.15...ry-20200604.wiff2), (sample Index: 5) Area: 5.995e5, Height: 1.612e5, RT: 23.58 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 23.599 to 23.632 min ● [C18H24ClN3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Tebufenpyrad (119168-77-3), CE=35±15</p> 
272	丁基嘧啶磷	<p>Std4 - Tebupirimfos (Standard) 319.114...ry-20200604.wiff2), (sample Index: 5) Area: 6.459e4, Height: 3.246e4, RT: 23.81 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 23.794 to 23.827 min ● [C13H23N2O3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Tebupirimfos (96182-53-5), CE=35±15</p> 
273	牧草胺	<p>Std4 - Tebutam (Standard) 234.1752 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 1.259e6, Height: 2.278e5, RT: 19.78 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 19.810 to 19.842 min ● [C15H23NO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Tebutam (35256-85-0), CE=35±15</p> 

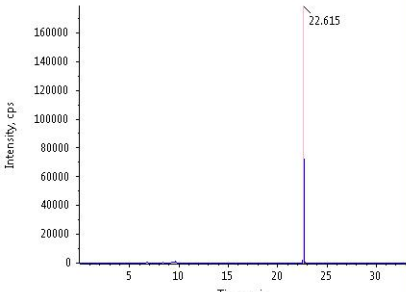
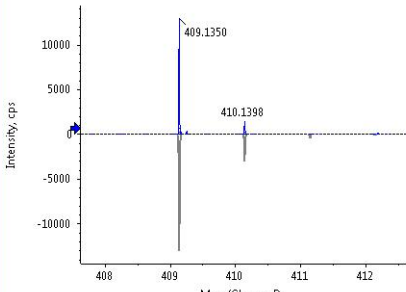
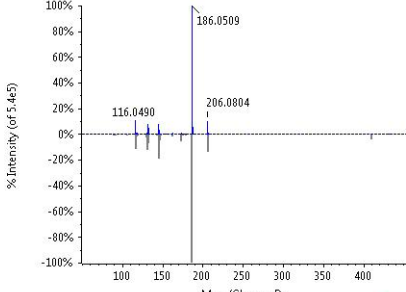
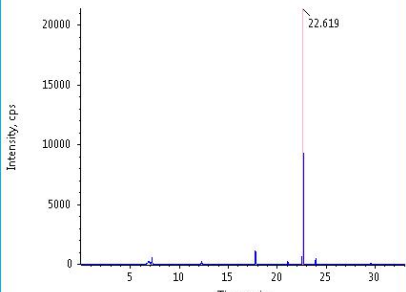
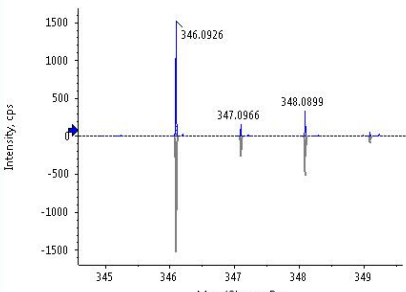
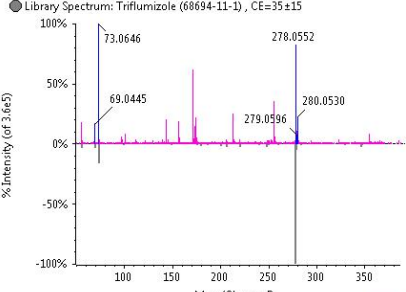
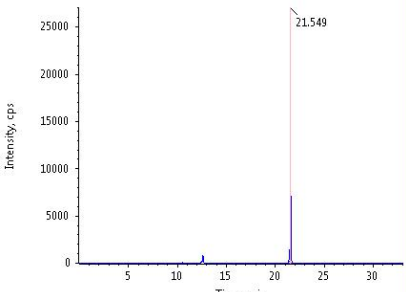
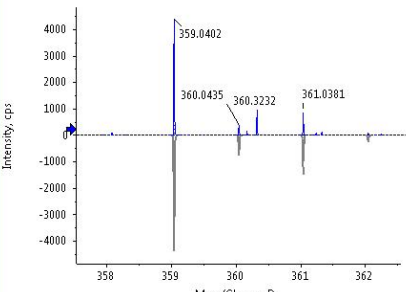
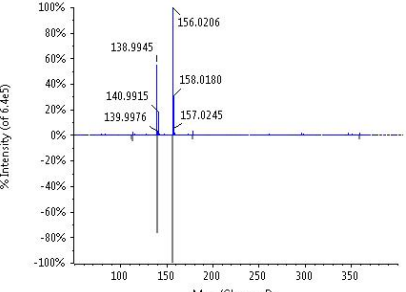
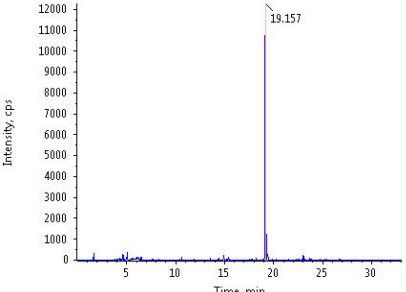
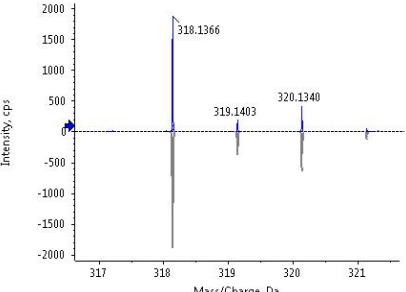
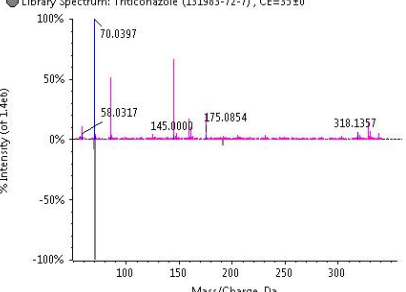
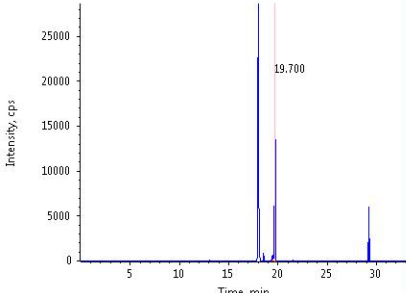
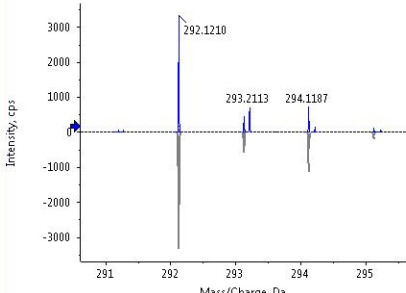
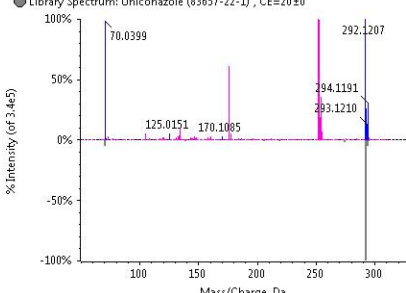
序号	化合物	一级图谱	二级图谱
274	丁噻隆	Std4 - Tebuthiuron (Standard) 229.1018...ry-20200604.wiff2), (sample Index: 5) Area: 8.918e5, Height: 9.749e4, RT: 12.13 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 12.183 to 12.216 min ● [C9H16N4OS+H]⁺  ● Spectrum from Screen-test-P-cel...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Tebuthiuron (34014-18-1), CE=35±0 
275	特丁通	Std4 - Terbutymeton (Standard) 226.1562...ry-20200604.wiff2), (sample Index: 5) Area: 2.376e6, Height: 2.649e5, RT: 14.04 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 14.134 to 14.167 min ● [C10H19N5O+H]⁺  ● Spectrum from Screen-test-P-cel...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Terbutymeton (33693-04-8), CE=35±15 
276	特丁津	Std4 - Terbutylazine (Standard) 230.1...ry-20200604.wiff2), (sample Index: 5) Area: 5.045e5, Height: 1.111e5, RT: 18.97 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 18.981 to 19.013 min ● [C9H16ClN5+H]⁺  ● Spectrum from Screen-test-P-cel...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Trietazine (1912-26-1), CE=20±0 
277	四氟醚唑	Std4 - Tetraconazole (Standard) 372.01...ry-20200604.wiff2), (sample Index: 5) Area: 3.471e4, Height: 7.782e3, RT: 19.09 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 19.078 to 19.111 min ● [C13H11Cl2F4N3O+H]⁺  ● Deconvoluted, Spectrum from Sre...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-cel... Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Tetraconazole (112281-77-3), CE=35±15 
278	胺菊酯	Std4 - Tetramethrin (Standard) 332.175...ry-20200604.wiff2), (sample Index: 5) Area: 1.005e5, Height: 2.503e4, RT: 23.51 min 	<ul style="list-style-type: none"> ● Spectrum from Screen-test-P-cel...nt 1, from 23.469 to 23.501 min ● [C19H25NO4+H]⁺  ● Deconvoluted, Spectrum from Sre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-cel... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Tetramethrin (7696-12-0), CE=35±15 

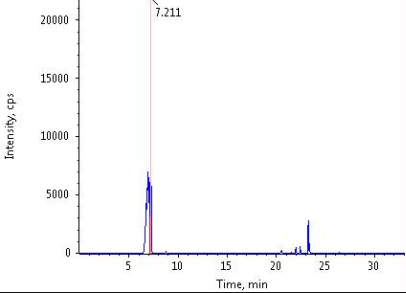
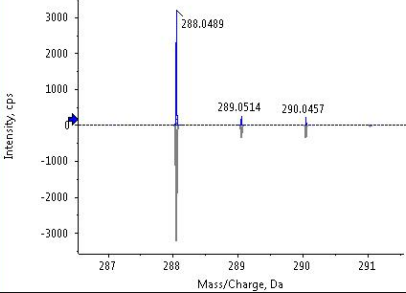
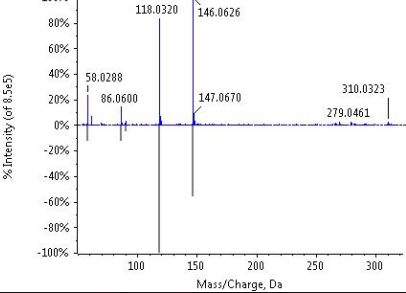
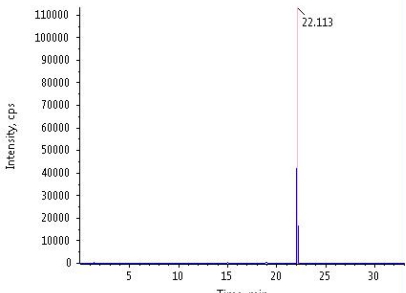
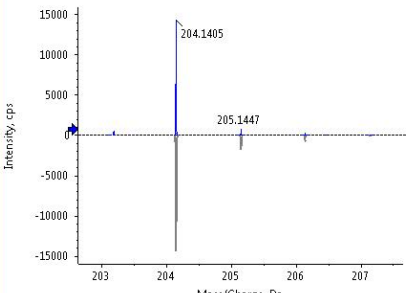
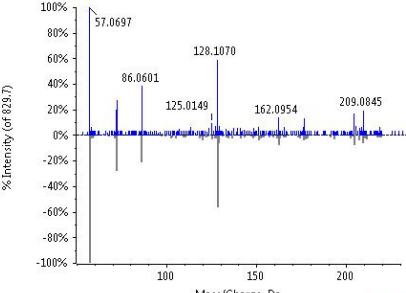
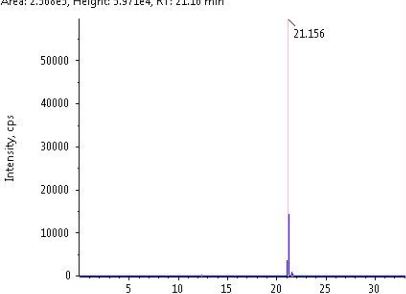
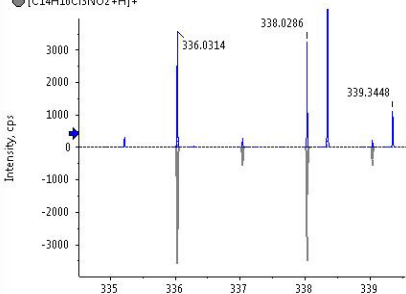
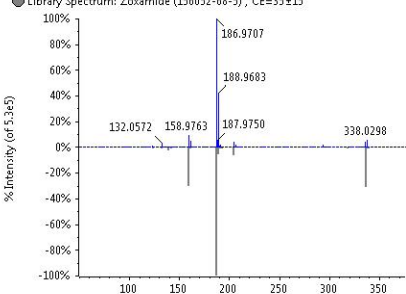
序号	化合物	一级图谱	二级图谱
279	噻菌灵	Std4 - Thiabendazole (Standard) 202.03...ry-20200604.wiff2), (sample Index: 5) Area: 1.146e6, Height: 1.146e5, RT: 6.97 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.012 to 7.044 min ● [C10H7N3S+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Thiabendazole (148-79-8), CE=20±0 </p>
280	噻苯咪唑-5-羟基	Std4 - Thiabendazole-5-Hydroxy (Standard) 202.03...ry-20200604.wiff2), (sample Index: 5) Area: 1.418e5, Height: 2.792e4, RT: 5.50 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.451 to 5.483 min ● [C10H7N3OS+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: 5-Hydroxy-thiabendazole (948-71-0), CE=35±15 </p>
281	噻虫啉	Std4 - Thiacloprid (Standard) 253.0209...ry-20200604.wiff2), (sample Index: 5) Area: 4.612e5, Height: 6.581e4, RT: 8.29 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.313 to 8.345 min ● [C10H9ClN4S+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Thiacloprid (111988-49-9), CE=35±0 </p>
282	噻虫嗪	Std4 - Thiamethoxam (Standard) 292.01...ry-20200604.wiff2), (sample Index: 5) Area: 5.921e4, Height: 6.772e3, RT: 5.66 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.646 to 5.678 min ● [C8H10ClN5O3S+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Thiamethoxam (153719-23-4), CE=20±0 </p>
283	噻酮磺隆	Std4 - Thiencarbazone-Methyl (Standard) 202.03...ry-20200604.wiff2), (sample Index: 5) Area: 2.291e4, Height: 2.982e3, RT: 9.91 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.890 to 9.923 min ● [C12H14N4O7S2+H]⁺ </p> <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thiencarbazone-methyl (317815-83-1), CE=35±0 </p>

序号	化合物	一级图谱	二级图谱
284	噻吩磺隆	Std4 - Thifensulfuron-methyl (Standard) 37...ry-20200604.wiff2), (sample Index: 5) Area: 4.558e4, Height: 4.183e3, RT: 11.07 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 11.045 to 11.077 min ● [C12H13N5O6S2+H]⁺  Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thifensulfuron-methyl (79277-27-3), CE=35±15 
285	禾草丹	Std4 - Thiobencarb (Standard) 258.0614...ry-20200604.wiff2), (sample Index: 5) Area: 5.443e5, Height: 1.501e5, RT: 21.54 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 21.485 to 21.517 min ● [C12H16ClNOS+H]⁺  Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Thiobencarb (28249-77-6), CE=35±15 
286	硫菌灵	Std4 - Thiophanate-Ethyl (Standard) 37...ry-20200604.wiff2), (sample Index: 5) Area: 2.674e5, Height: 3.875e4, RT: 15.28 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 15.273 to 15.305 min ● [C14H18N4O4S2+H]⁺  Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thiophanate (23564-06-9), CE=35±15 
287	甲基硫菌灵	Std4 - Thiophanate-methyl (Standard) 37...ry-20200604.wiff2), (sample Index: 5) Area: 7.268e4, Height: 9.344e3, RT: 11.33 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 11.337 to 11.370 min ● [C12H14N4O4S2+H]⁺  Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Thiophanate-methyl (23564-05-8), CE=35±15 
288	仲草丹	Std4 - Tiocarbazil (Standard) 280.1630 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.089e6, Height: 2.219e5, RT: 24.71 min 	<ul style="list-style-type: none"> Spectrum from Screen-test-P-celer...nt 1, from 24.640 to 24.672 min ● [C16H25NOS+H]⁺  Deconvoluted Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tiocarbazil, CE=35±15 

序号	化合物	一级图谱	二级图谱
289	甲基立枯磷	<p>Std4 - Tolclofos-methyl (Standard) 300...ry-20200604.wiff2), (sample Index: 5) Area: 1.428e5, Height: 3.775e4, RT: 21.66 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 21.615 to 21.648 min ● [C9H11ClO3PS+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tolclofos-methyl (57018-04-9), CE=35±15</p> 
290	三唑酮	<p>Std4 - Triadimefon (Standard) 294.0904...ry-20200604.wiff2), (sample Index: 5) Area: 3.001e5, Height: 5.609e4, RT: 18.17 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 18.102 to 18.135 min ● [C14H16ClN3O2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celery...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Triadimefon (43121-43-3), CE=20±0</p> 
291	野麦畏	<p>Std4 - Triallate (Standard) 303.9991...ry-20200604.wiff2), (sample Index: 5) Area: 1.521e5, Height: 7.565e4, RT: 24.40 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 24.380 to 24.412 min ● [C10H16ClN3OS+H]⁺</p>  <p>● Deconvoluted Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tri-allate (2303-17-5), CE=35±0</p> 
292	抑芽唑	<p>Std4 - Triapenthenol (Standard) 264.19...ry-20200604.wiff2), (sample Index: 5) Area: 7.104e5, Height: 1.290e5, RT: 20.17 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 20.103 to 20.135 min ● [C15H25N3O+H]⁺</p>  <p>● Spectrum from Screen-test-P-celery...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Triapenthenol, CE=35±15</p> 
293	三唑磷	<p>Std4 - Triazophos (Standard) 314.0623...ry-20200604.wiff2), (sample Index: 5) Area: 1.391e5, Height: 2.818e4, RT: 18.50 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 18.476 to 18.509 min ● [C12H16N3O3PS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celery...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Triazophos (24017-47-8), CE=35±15</p> 

序号	化合物	一级图谱	二级图谱
294	磷酸三丁酯	Std4 - Tributyl phosphate (Standard) 2...ry-20200604.wiff2), (sample Index: 5) Area: 6.17e5, Height: 1.598e4, RT: 22.70 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.705 to 22.737 min ● [C12H27O4P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: tributyl phosphate, CE=35±15</p> 
295	敌百虫	Std4 - Trichlorfon (Standard) 256.9199...ry-20200604.wiff2), (sample Index: 5) Area: 8.746e4, Height: 1.063e4, RT: 7.46 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.483 to 7.516 min ● [C4H8Cl3O4P+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Trichlorfon (52-68-6), CE=50±0</p> 
296	三环唑	Std4 - Tricyclazole (Standard) 190.033...ry-20200604.wiff2), (sample Index: 5) Area: 1.121e6, Height: 6.752e4, RT: 9.06 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.175 to 9.207 min ● [C9H7N3S+H]⁺</p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...n Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Tricyclazole (41814-78-2), CE=20±0</p> 
297	十三吗啉	Std4 - Tridemorph (Standard) 298.3004...ry-20200604.wiff2), (sample Index: 5) Area: 9.138e5, Height: 4.224e4, RT: 20.05 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.924 to 19.956 min ● [C19H38NO+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tridemorph (24602-86-6), CE=35±15</p> 
298	草达津	Std4 - Trietazine (Standard) 230.1067...ry-20200604.wiff2), (sample Index: 5) Area: 5.045e5, Height: 1.111e5, RT: 18.97 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.981 to 19.013 min ● [C9H16ClN5+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Trietazine (1912-26-1), CE=20±0</p> 

序号	化合物	一级图谱	二级图谱
299	肟菌酯	Std4 - Trifloxystrobin (Standard) 409.1...ery-20200604.wiff2), (sample Index: 5) Area: 7.110e5, Height: 1.786e5, RT: 22.62 min 	 ● Spectrum from Screen-test-P-cel...nt 1, from 22.640 to 22.672 min ● [C20H19F3N2O4+H] ⁺  ● Spectrum from Screen-test-P-cel...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Trifloxystrobin (141517-21-7), CE=35±15
300	氟菌唑	Std4 - Triflumizole (Standard) 346.082...ery-20200604.wiff2), (sample Index: 5) Area: 8.446e4, Height: 2.137e4, RT: 22.62 min 	 ● Spectrum from Screen-test-P-cel...nt 1, from 22.640 to 22.672 min ● [C15H15ClF3N3O+H] ⁺  ● Deconvoluted, Spectrum from Scre...cursor: 339.0-370.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Triflumizole (68694-11-1), CE=35±15
301	杀铃脲	Std4 - Triflumuron (Standard) 359.0305...ry-20200604.wiff2), (sample Index: 5) Area: 1.123e5, Height: 2.704e4, RT: 21.55 min 	 ● Spectrum from Screen-test-P-cel...nt 1, from 21.534 to 21.566 min ● [C15H10ClF3N2O3+H] ⁺  ● Spectrum from Screen-test-P-celery...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Triflumuron (64628-44-0), CE=35±15
302	灭菌唑	Std4 - Triticonazole (Standard) 318.12...ry-20200604.wiff2), (sample Index: 5) Area: 6.742e4, Height: 1.227e4, RT: 19.16 min 	 ● Spectrum from Screen-test-P-cel...nt 1, from 19.143 to 19.176 min ● [C17H20ClN3O+H] ⁺  ● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Triticonazole (131983-72-7), CE=35±0
303	烯效唑	Std4 - Uniconazole (Standard) 292.1111...ry-20200604.wiff2), (sample Index: 5) Area: 1.282e5, Height: 1.931e4, RT: 19.70 min 	 ● Spectrum from Screen-test-P-cel...nt 1, from 19.680 to 19.712 min ● [C15H18ClN3O+H] ⁺  ● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Uniconazole (83657-22-1), CE=20±0

序号	化合物	一级图谱	二级图谱
304	蚜灭磷	<p>Std4 - Vamidothion (Standard) 288.038...ry-20200604.wiff2), (sample Index: 5) Area: 1.033e5, Height: 2.191e4, RT: 7.21 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.191 to 7.223 min ● [C8H18NO4PS2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Vamidothion (2275-23-2), CE=35±15</p> 
305	灭草敌	<p>Std4 - Vernolate (Standard) 204.1317 ...ry-20200604.wiff2), (sample Index: 5) Area: 4.438e5, Height: 1.133e5, RT: 22.11 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C10H21NOS+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Vernolate, CE=35±15</p> 
306	苯酰菌胺	<p>Std4 - Zoxamide (Standard) 336.0219 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.568e5, Height: 5.971e4, RT: 21.16 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.095 to 21.127 min ● [C14H16Cl3NO2+H]⁺</p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Zoxamide (156052-68-5), CE=35±15</p> 

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(征求意见稿)

附录 E

(资料性)

315 种化合物的相关化学信息及其分组

315种化合物相关化学信息及分组情况如表E.1所示。

表 E.1 315 种化合物的相关化学信息及分组情况

序号	中文名称	英文名称	CAS 号	保留时间	m/z1	m/z2	碰撞电压 V	备注
1	2,3,5,6-四氯苯胺	2,3,5,6-tetrachloroaniline	3481-20-7	10.9	230.8	157.9	18	A 组
					230.8	159.8	18	
2	间羟基联苯	3-phenylphenol	580-51-8	24.9	141.0	115.0	15	A 组
					170.0	115.1	30	
3	4,4'-二溴二苯甲酮	4,4'-dibromobenzophenone	3988-03-2	18.3	182.9	76.0	35	A 组
					182.9	154.9	15	
4	4,4'-二氯二苯甲酮	4,4'-dichlorobenzophenone	90-98-2	15.1	111.0	74.9	12	A 组
					139.0	74.9	26	
5	4-硝基氯苯	4-chloronitrobenzene	100-00-5	8.1	111.0	75.0	10	A 组
					157.0	110.9	20	
6	α -六六六	alpha-BHC	319-84-6	11.6	182.8	146.7	12	A 组
					218.8	146.6	20	
7	威杀灵	acenaphthene	83-32-9	9.8	152.8	152.2	18	A 组
					154.1	152.4	24	
8	乙酰甲胺磷	acephate	30560-19-1	9.4	94.0	64.0	8	A 组
					136.0	42.1	8	
9	苯草醚	aclonifen	74070-46-5	19.0	264.0	182.0	24	A 组
					264.0	194.1	14	
10	甲草胺	alachlor	15972-60-8	13.7	160.1	131.7	10	A 组
					188.1	130.0	32	
11	艾氏剂	aldrin	309-00-2	14.8	262.7	191.0	30	A 组
					262.7	192.9	32	
12	三丙烯草胺	allidochlor	93-71-0	8.4	132.0	49.0	24	A 组
					132.0	56.1	8	
13	莠灭净	ametryne	834-12-8	13.9	227.1	58.1	12	A 组

					227.1	170.0	10	
14	灭害威	aminocarb	2032-59-9	12.1	151.1	120.1	8	A 组
					151.1	135.9	14	
15	环丙嘧啶醇	ancymidol	12771-68-5	18.4	107.0	52.0	18	A 组
					107.0	79.0	8	
16	莠去津	atrazine	1912-24-9	12.0	200.0	122.1	8	A 组
					200.0	132.0	8	
17	氧环唑	azaconazole	60207-31-0	17.9	172.9	145.0	14	A 组
					217.0	172.9	14	
18	益棉磷	azinphos-ethyl	2642-71-9	24.1	132.0	51.0	26	A 组
					132.0	77.0	12	
19	嘧菌酯	azoxystrobin	131860-33-8	30.0	344.1	156.0	34	A 组
					344.1	171.9	36	
20	β -六六六	beta-BHC	319-85-7	12.1	180.9	145.0	14	A 组
					218.7	146.6	18	
21	苯霜灵	benalaxyl	71626-11-4	19.7	91.0	65.0	12	A 组
					148.1	77.0	30	
22	噁虫威	bendiocarb	22781-23-3	11.2	126.0	51.9	16	A 组
					151.0	43.0	20	
23	乙丁氟灵	benfluralin	1861-40-1	11.1	292.0	159.7	20	A 组
					292.0	206.1	10	
24	呋草黄	benfuresate	68505-69-1	13.3	163.1	107.1	10	A 组
					163.1	121.1	6	
25	麦锈灵	benodanil	15310-01-7	19.2	202.9	76.1	14	A 组
					230.9	76.0	30	
26	解草嗪	benoxacor	98730-04-2	13.1	120.0	65.0	20	A 组
					176.1	120.0	8	
27	新燕灵	benzoylprop-ethyl	22212-55-1	21.2	105.0	51.0	28	A 组
					105.0	77.0	12	
28	联苯腈酯	bifenazate	149877-41-8	22.0	198.9	184.1	12	A 组
					258.0	196.1	12	

29	联苯菊酯	bifenthrin	82657-04-3	21.8	165.1	163.6	24	A 组
					181.0	165.9	10	
30	联苯	biphenyl	92-52-4	9.1	151.8	125.8	24	A 组
					154.1	115.0	26	
31	联苯三唑醇	bitertanol	55179-31-2	24.9	170.0	115.1	34	A 组
					170.0	141.1	20	
32	啶酰菌胺	boscalid	188425-85-6	26.8	112.0	76.0	12	A 组
					139.9	76.0	22	
33	溴丁酰草胺	bromobutide	74712-19-9	13.5	232.2	82.0	22	A 组
					232.2	114.1	8	
34	乙基溴硫磷	bromophos-ethyl	4824-78-6	16.5	96.9	65.0	16	A 组
					96.9	78.9	12	
35	溴螨酯	bromopropylate	18181-80-1	21.8	184.9	75.5	30	A 组
					184.9	156.9	12	
36	糠菌唑-1	bromuconazole	116255-48-2	21.6	172.9	74	38	A 组
					172.9	109	26	
	糠菌唑-2			22.3	172.9	74	38	
					172.9	109	24	
37	乙嘧啶磺酸酯	bupirimate	41483-43-6	17.8	208.1	140.1	12	A 组
					208.1	165.0	12	
38	噻嗪酮	buprofezin	69327-76-0	17.8	105.1	50.9	32	A 组
					105.1	77.0	18	
39	丁草胺	butachlor	23184-66-9	16.8	160.0	131.7	12	A 组
					176.1	146.9	12	
40	氟丙嘧草酯	butafenacil	134605-64-4	25.8	180.0	124.0	16	A 组
					331.0	124.0	38	
41	仲丁灵	butralin	33629-47-9	15.2	266.1	174.3	22	A 组
					266.1	190.1	10	
42	γ-六六六	gamma-BHC	58-89-9	12.2	180.9	109.0	26	A 组
					180.9	145.0	14	
43	硫线磷	cadusafos	95465-99-9	11.4	159.0	96.9	16	A 组
					159.0	130.9	8	

44	唑草胺	cafenstrole	125306-83-4	25.9	100.0	72.0	10	A 组
					188.1	119.1	20	
45	克菌丹	captan	133-06-2	16.1	149.0	70.0	20	A 组
					149.0	78.8	14	
46	三硫磷	carbophenothion	786-19-6	19.8	157.0	45.0	12	A 组
					199.0	142.9	10	
47	丁硫克百威	carbosulfan	55285-14-8	21.6	160.0	50.9	38	A 组
					160.0	77.0	22	
48	菱锈灵	carboxin	5234-68-4	17.9	87.0	43.0	6	A 组
					143.0	43.0	16	
49	杀螨醚	chlorbenside	103-17-3	16.5	125.0	62.8	28	A 组
					125.0	89.0	16	
50	氯丹	chlordane	57-74-9	16.57,16.95	236.8	142.9	24	A 组
					271.7	236.9	12	
51	杀虫脒	chlordimeform	6164-98-3	11.1	117.1	89.8	18	A 组
					181.1	140.0	16	
52	虫螨腈	chlorfenapyr	122453-73-0	18.1	136.9	102.0	12	A 组
					248.9	112.0	24	
53	燕麦酯	chlorfenprop-methyl	14437-17-3	10.5	165.0	102.1	18	A 组
					165.0	137.0	10	
54	杀螨酯	chlorfenson	80-33-1	17.3	111.0	75.0	14	A 组
					174.9	75.0	28	
55	乙酯杀螨醇	chlorobenzilate	510-15-6	18.6	111.0	75.1	14	A 组
					139.0	74.9	26	
56	氯苯甲醚	chloroneb	2675-77-6	9.9	190.9	113.0	14	A 组
					190.9	141.0	10	
57	丙酯杀螨醇	chloropropylate	5836-10-2	18.6	139.0	74.7	26	A 组
					139.0	111.0	12	
58	百菌清	chlorothalonil	1897-45-6	12.6	228.8	168.0	8	A 组
					265.8	133.0	36	
59	毒死蜱	chlorpyrifos	2921-88-2	14.7	196.7	107.0	36	A 组

					196.7	168.9	12	
60	甲基毒死蜱	chlorpyrifos-methyl	5598-13-0	13.5	125.0	47.0	12	A 组
					125.0	79.0	6	
61	氯酞酸甲酯	chlorthal-dimethyl	1861-32-1	14.8	222.7	166.9	20	A 组
					300.7	222.9	22	
62	乙菌利	chlozolate	84332-86-5	15.8	259.0	152.9	26	A 组
					259.0	187.9	12	
63	四氢吩胺	cis-1,2,3,6-tetrahydrophthalimide	1469-48-3	9.8	151.0	79.0	20	A 组
					151.0	80.0	5	
64	顺式-氯丹	cis-chlordane	5103-71-9	16.6	372.8	265.8	20	A 组
					374.7	265.8	20	
65	异噁草酮	clomazone	81777-89-1	12.1	125.0	89.0	16	A 组
					138.0	74.9	24	
66	蝇毒磷	coumaphos	56-72-4	25.3	209.9	119.0	22	A 组
					209.9	182.0	10	
67	苯腈磷	cyanofenphos	13067-93-1	19.8	157.0	77.1	22	A 组
					169.0	77.1	22	
68	杀螟腈	cyanophos	2636-26-2	12.3	125.0	79.0	6	A 组
					125.0	96.9	6	
69	环草敌	cycloate	1134-23-2	10.9	83.1	55.1	6	A 组
					154.1	55.1	18	
70	环氟菌胺	cyflufenamid	180409-60-3	18.1	222.8	203.0	10	A 组
					237.0	188.0	24	
71	氟氯氰菊酯-1	cyfluthrin	68359-37-5	26.2	163.0	65.1	26	A 组
					163.0	91.1	12	
	氟氯氰菊酯-2			26.4	163.0	91.1	12	A 组
					163.0	127.0	6	
	氟氯氰菊酯-3			26.5	163.0	91.1	12	A 组
					163.0	127.0	6	
	氟氯氰菊酯-4			26.6	163.0	91.1	12	A 组
					163.0	127.0	6	
72	高效氯氟氰菊酯	lambda-cyhalothrin	91465-08-6	23.3	180.9	152.0	22	A 组

					197.1	141.1	10	A 组
	氯氟氰菊酯	gamma-cyhalothrin	76703-65-6	23.7	180.9	152.0	22	
					197.1	141.1	10	
73	氯氰菊酯-1	cypermethrin	52315-07-8	27.0	163.0	91.1	12	A 组
					163.0	127.1	6	
	氯氰菊酯-2			27.0	163.0	91.1	12	
					163.0	127.0	6	
	氯氰菊酯-3			27.1	163.0	91.0	12	
					163.0	127.0	6	
	氯氰菊酯-4			27.2	163.0	91.1	12	
					163.0	127.1	6	
74	环丙津	cyprazine	22936-86-3	13.4	170.0	109.1	12	A 组
					212.1	109.1	20	
75	环丙唑醇	cyproconazole	94361-06-5	18.2	222.0	82.1	10	A 组
					222.0	89.3	38	
76	噁菌环胺	cyprodinil	121552-61-2	15.6	224.1	196.9	20	A 组
					224.1	208.0	18	
77	酯菌胺	cyprofuram	69581-33-5	18.6	111.0	74.9	12	A 组
					211.0	132.1	12	
78	δ-六六六	delta-BHC	319-86-8	12.8	182.8	146.7	14	A 组
					218.8	146.5	20	
79	o,p 滴滴滴	ddt	53-19-0	17.8	235.0	165.1	20	A 组
					235.0	199.0	14	
	o,p 滴滴伊		3424-82-6	16.6	246.0	176.1	28	
					317.8	246.0	20	
	o,p 滴滴涕		789-02-6	19.0	235.0	165.1	22	
					235.0	199.5	10	
	p,p 滴滴涕		50-29-3	20.1	235.0	165.1	22	
					235.0	199.5	10	
80	溴氰菊酯-1	deltamethrin	52918-63-5	29.4	181.0	152.1	22	A 组
					252.8	92.9	16	

	溴氰菊酯-2			29.8	181.0	152.1	22	
					252.8	92.9	16	
81	异氯磷	dicapthon	2463-84-5	15.0	262.0	93.0	32	B 组
					262.0	123.0	32	
82	敌草腈	dichlobenil	1194-65-6	8.8	170.9	99.9	24	B 组
					170.9	136.0	14	
83	除线磷	dichlofenthion	97-17-6	13.3	222.9	205.0	14	B 组
					251.0	223.0	8	
84	烯丙酰草胺	dichlormid	37764-25-3	8.8	108.2	93.0	16	B 组
					172.0	108.1	6	
85	敌敌畏	dichlorvos	62-73-7	8.1	109.0	79.0	6	B 组
					185.0	93.0	12	
86	禾草灵	diclofop-methyl	51338-27-3	20.7	252.9	126.9	36	B 组
					252.9	161.9	16	
87	氯硝胺	dicloran	99-30-9	11.8	160.0	124.1	8	B 组
					176.0	148.0	12	
88	三氯杀螨醇	dicofol	115-32-2	15.1	111.0	74.9	12	B 组
					139.0	111.0	12	
89	百治磷	dicrotophos	141-66-2	11.1	127.0	94.9	16	B 组
					127.0	109.0	10	
90	狄氏剂	dieldrin	60-57-1	17.8	262.8	190.9	30	B 组
					262.8	192.9	30	
91	乙霉威	diethofencarb	87130-20-9	14.7	168.0	96.1	12	B 组
					196.0	96.0	16	
92	苯醚甲环唑-1	difenoconazole	119446-68-3	29.2	265.0	139.0	36	B 组
					265.0	202.1	16	
	苯醚甲环唑-2			29.3	265.0	138.9	36	
					265.0	202.0	18	
93	二甲草胺	dimethachlor	50563-36-5	13.4	134.0	77.0	24	B 组
					134.0	105.1	12	
94	异戊乙净	dimethametryn	22936-75-0	15.8	212.1	68.1	30	B 组
					212.1	94.1	20	

95	二甲吩草胺	dimethenamid	87674-68-8	13.4	154.1	111.0	10	B 组
					154.1	137.0	8	
96	乐果	dimethoate	60-51-5	11.8	87.0	42.1	10	B 组
					93.0	63.0	8	
97	避蚊酯	dimethyl-phthalate	131-11-3	9.5	163.1	77.0	20	B 组
					163.1	133.0	8	
98	敌蝇威	dimetilan	644-64-4	13.7	72.0	56.0	12	B 组
					169.9	72.1	12	
99	烯唑醇	diniconazole	83657-24-3	18.8	232.0	149.0	14	B 组
					268.0	136.0	34	
100	氨基灵	dinitramine	29091-05-2	12.6	215.9	196.0	8	B 组
					260.7	194.7	18	
101	消螨通	dinobuton	973-21-7	16.0	211.0	88.9	28	B 组
					211.0	116.6	16	
102	特乐酚	dinoterb	1420-07-1	12.4	225.0	77.0	40	B 组
					225.0	103.0	25	
103	苯虫醚-1	diofenolan	63837-33-2	20.0	186.0	77.0	24	B 组
	186.0				158.1	10		
	苯虫醚-2			20.2	225.1	103.0	34	
					225.1	131.6	12	
104	双苯酰草胺	diphenamid	957-51-7	15.3	166.8	152.0	16	B 组
					239.1	72.1	10	
105	二苯胺	diphenylamine	122-39-4	10.9	168.1	139.0	38	B 组
					168.1	167.1	14	
106	异丙净	dipropetryn	4147-51-7	14.6	255.1	138.1	22	B 组
					255.1	180.2	16	
107	乙拌磷	disulfoton	298-04-4	12.6	88.0	45.0	18	B 组
					88.0	59.8	6	
108	乙拌磷砒	disulfoton-sulfone	2497-06-5	16.7	153.0	97.0	10	B 组
					153.0	125.0	6	
109	灭菌磷	ditalimfos	5131-24-8	17.0	130.0	102.0	14	B 组

					148.0	102.0	22	
110	氟硫草定	dithiopyr	97886-45-8	14.0	306.0	286.1	8	B 组
					354.0	286.1	14	
111	敌瘟磷	edifenphos	17109-49-8	19.8	172.9	65.1	30	B 组
					172.9	109.0	8	
112	α -硫丹	alpha-endosulfan	959-98-8	17.0	194.7	125.0	22	B 组
					194.7	159.4	8	
113	β -硫丹	beta-endosulfan	33213-65-9	18.7	158.9	123.0	12	B 组
					194.7	159.0	8	
114	硫丹硫酸盐	endosulfan-sulfate	1031-07-8	20.0	238.7	203.9	12	B 组
					271.7	234.9	12	
115	异狄氏剂	endrin	72-20-8	18.4	245.0	173.0	22	B 组
					262.8	192.9	30	
116	氟环唑	epoxiconazole	133855-98-8	21.1	165.0	138.0	8	B 组
					192.0	111.0	22	
117	茵草敌	EPTC	759-94-4	8.8	128.1	43.1	10	B 组
					189.1	43.1	16	
118	顺式氰戊菊酯	esfenvalerate	66230-04-4	28.8	125.0	89.3	20	B 组
					167.0	125.0	10	
119	乙硫磷	ethion	563-12-2	18.9	153.0	97.0	10	B 组
					230.9	128.9	22	
120	乙氧呋草黄	ethofumesate	26225-79-6	14.3	161.1	77.1	28	B 组
					161.1	105.1	10	
121	灭线磷	ethoprophos	13194-48-4	10.9	157.9	96.9	16	B 组
					157.9	113.9	6	
122	醚菊酯	etofenprox	80844-07-1	27.3	163.1	77.1	32	B 组
					163.1	107.1	16	
123	乙螨唑	etoxazole	153233-91-1	22.1	140.9	62.9	26	B 组
					140.9	113.0	14	
124	氯唑灵	etridiazole	2593-15-9	9.5	182.8	139.9	14	B 组
					211.0	139.9	20	
125	咪唑菌酮	fenamidone	161326-34-7	22.1	238.1	103.1	22	B 组

					268.0	77.1	34	
126	苯线磷	fenamiphos	22224-92-6	17.2	154.0	139.0	10	B 组
					216.9	202.0	12	
127	氯苯嘧啶醇	fenarimol	60168-88-9	23.9	139.0	74.9	26	B 组
					139.0	111.0	14	
128	啮蛄醚	fenazaquin	120928-09-8	22.4	145.1	91.0	24	B 组
					145.1	117.1	12	
129	腈苯唑	fenbuconazol	114369-43-6	26.0	129.0	77.8	18	B 组
					129.0	102.0	14	
130	甲呋酰胺	fenfuram	24691-80-3	12.8	109.0	43.0	14	B 组
					109.0	53.0	14	
131	环酰菌胺	fenhexamid	126833-17-8	20.1	97.1	55.1	10	B 组
					177.0	78.0	22	
132	杀螟硫磷	fenitrothion	122-14-5	14.3	125.0	79.0	8	B 组
					277.0	109.0	16	
133	仲丁威	fenobucarb	3766-81-2	10.6	121.1	77.0	20	B 组
					121.1	103.1	12	
134	苯硫威	fenothiocarb	62850-32-2	16.8	72.1	56.0	12	B 组
					105.7	72.0	10	
135	苯氧威	fenoxycarb	72490-01-8	21.9	116.0	44.1	16	B 组
					116.0	88.0	8	
136	拌种咯	fenpiclonil	74738-17-3	21.3	201.0	165.9	14	B 组
					236.0	174.0	22	
137	甲氰菊酯	fenpropathrin	39515-41-8	22.1	97.1	55.1	6	B 组
					181.0	126.8	28	
138	苯锈啶	fenpropidin	67306-00-7	14.2	98.2	41.5	18	B 组
					98.2	55.1	14	
139	丁苯吗啉	fenpropimorph	67564-91-4	14.9	128.1	41.7	24	B 组
					128.1	70.1	12	
140	啮蛄酯	fenpyroximate	134098-61-6	18.9	153.0	96.9	10	B 组
					230.9	128.9	22	

141	芬螨酯	fenson	80-38-6	15.3	77.0	51.0	14	B 组
					141.0	50.9	30	
142	倍硫磷	fenthion	55-38-9	14.8	245.3	125.0	12	B 组
					278.0	109.0	18	
143	氰戊菊酯	fenvalerate	51630-58-1	28.41,28.81	125.0	89.0	18	B 组
					167.0	89.0	32	
144	氟虫腈	fipronil	120068-37-3	15.8	366.9	212.9	28	B 组
					366.9	244.9	20	
145	氟甲腈	fipronil-desulfinyl	205650-65-3	13.5	333.1	231.0	15	B 组
					333.1	281.0	10	
146	氟虫腈亚砷	fipronil-sulfide	120067-83-6	15.5	351.0	255.0	15	B 组
					420.1	255.1	30	
147	氟虫腈砷	fipronil-sulfone	120068-36-2	17.6	335.0	255.0	10	B 组
					383.0	241.0	10	
148	麦草氟异丙酯	flamprop-isopropyl	52756-22-6	18.7	105.0	50.8	28	B 组
					105.0	77.0	12	
149	氟啉虫酰胺	flonicamid	158062-67-0	10.6	146.0	126.0	8	B 组
					174.0	69.0	36	
150	氟氰戊菊酯-1	flucythrinate	70124-77-5	27.1	157.0	107.1	12	B 组
					199.1	107.1	22	
	氟氰戊菊酯-2			27.5	157.0	107.0	12	
					199.0	107.0	22	
151	氟噻草胺	flufenacet	142459-58-3	14.9	122.7	122.0	8	B 组
					151.1	95.0	24	
152	丙炔氟草胺	flumioxazin	103361-09-7	28.3	354.1	176.1	16	B 组
					354.1	312.0	8	
153	氟吡菌酰胺	fluopyram	658066-35-4	15.9	173.1	145.1	15	B 组
					173.1	145.1	15	
154	呋啉醇	flurprimidol	56425-91-3	13.4	107.0	52.0	18	B 组
					107.0	79.0	8	
155	呋草酮	flurtamone	96525-23-4	22.7	157.0	137.0	12	B 组
					198.9	157.0	16	

156	氟硅唑	flusilazole	85509-19-9	17.8	206.0	151.3	14	B 组
					233.0	151.9	14	
157	氟酰胺	flutolanil	66332-96-5	17.2	173.0	95.0	28	B 组
					173.0	145.0	14	
158	粉唑醇	flutriafol	76674-21-0	17.1	123.0	75.0	24	B 组
					123.0	95.0	12	
159	氟胺氰菊酯-1	fluvalinate	102851-06-9	28.7	180.8	152.1	22	B 组
	250.0				55.1	16		
	氟胺氰菊酯-2			28.9	180.8	152.1	20	
					250.0	55.1	16	
160	地虫硫磷	fonofos	944-22-9	12.4	137.0	109.0	6	B 组
					246.0	109.0	14	
161	安硫磷	formothion	2540-82-1	13.1	125.0	79.0	8	C 组
					126.1	93.0	6	
162	噻唑磷-1	fosthiazate	98886-44-3	15.4	194.9	59.9	16	C 组
	194.9				102.9	8		
	噻唑磷-2			15.4	194.9	59.9	16	C 组
					194.9	102.9	8	
163	呋霜灵	furalaxyl	57646-30-7	16.1	95.0	39.0	18	C 组
					95.0	67.0	12	
164	呋线威	furathiocarb	65907-30-4	22.6	135.1	107.0	8	C 组
					163.1	107.1	14	
165	拌种胺	furmecyclox	60568-05-0	13.1	123.0	43.0	16	C 组
					123.0	53.1	12	
166	氟吡甲禾灵	haloxyfop-methyl	69806-40-2	16.5	179.9	160.0	10	C 组
					316.0	91.1	16	
167	七氯	heptachlor	76-44-8	13.9	99.8	39.0	26	C 组
					99.8	65.0	12	
168	环氧七氯	heptachlor-epoxide	1024-57-3	15.9	262.9	192.9	30	C 组
					352.8	262.9	16	
169	庚烯磷	heptenophos	23560-59-0	10.3	124.0	62.9	28	C 组

					124.0	89.0	12	
170	己唑醇	hexaconazole	79983-71-4	17.3	213.9	123.5	28	C 组
					213.9	159.0	18	
171	氟铃脲	hexaflumuron	86479-06-3	10.7	176.0	121.0	22	C 组
					176.0	148.0	14	
172	环嗪酮	hexazinone	51235-04-2	20.3	127.7	83.0	10	C 组
					171.1	71.1	14	
173	抑霉唑	imazalil	35554-44-0	17.4	172.8	109.0	26	C 组
					174.7	147.0	16	
174	异稻瘟净	iprobenfos	26087-47-8	13.0	91.1	65.0	16	C 组
					203.9	91.1	8	
175	缙霉威-1	iprovalicarb	140923-17-7	17.7	118.9	91.0	12	C 组
					118.9	117.1	8	
	缙霉威-2			18.0	118.9	91.1	12	C 组
					118.9	117.1	8	
176	氯唑磷	isazophos	42509-80-8	12.6	118.9	76.0	18	C 组
					161.0	119.0	8	
177	碳氯灵	isobenzan	297-78-9	15.2	103.0	49.0	24	C 组
					103.0	75.0	10	
178	丁咪酰胺	isocarbamid	30979-48-7	12.2	113.0	70.0	10	C 组
					142.0	70.0	16	
179	水胺硫磷	isocarbophos	24353-61-5	15.0	121.1	65.0	14	C 组
					136.0	69.0	30	
180	异艾氏剂	isodrin	465-73-6	15.6	146.8	111.1	10	C 组
					192.9	123.0	28	
181	氧异柳磷	isofenfos-oxon	31120-85-1	14.9	200.8	121.1	16	C 组
					228.9	121.1	24	
182	异柳磷	isofenphos	25311-71-1	15.8	185.0	121.0	10	C 组
					213.0	121.0	14	
183	甲基异柳磷	isofenphos-methyl	99675-03-3	15.4	199.0	65.0	34	C 组
					199.0	121.0	10	
184	异丙乐灵	isopropalin	33820-53-0	15.4	280.1	117.8	26	C 组

					280.1	180.2	10	
185	稻瘟灵	isoprothiolane	50512-35-1	17.4	204.0	85.0	28	C 组
					204.0	118.0	8	
186	噁唑磷	isoxathion	18854-01-8	18.2	105.1	51.0	28	C 组
					105.1	77.0	12	
187	烯虫炔酯	kinoprene	42588-37-4	14.7	149.0	77.0	15	C 组
					149.0	91.0	10	
188	醚菌酯	kresoxim-methyl	143390-89-0	17.9	116.0	62.9	24	C 组
					116.0	89.0	14	
189	马拉氧磷	malaoxon	1634-78-2	13.5	99.0	71.0	8	C 组
					127.0	99.0	6	
190	马拉硫磷	malathion	121-75-5	14.5	92.8	63.0	8	C 组
					125.0	79.0	8	
191	2 甲 4 氯丁氧乙基酯	MCPA-butoxyethyl	19480-43-4	16.1	155.1	89.1	25	C 组
					155.1	125.1	10	
192	苯噻酰草胺	mefenacet	73250-68-7	23.3	136.0	109.0	12	C 组
					192.0	109.0	26	
193	吡唑解草酯	mefenpyr-diethyl	135590-91-9	21.2	253.0	127.7	36	C 组
					253.0	189.3	22	
194	嘧菌胺	mepanipyrim	110235-47-7	17.0	222.0	206.0	26	C 组
					222.0	207.1	14	
195	灭锈胺	mepronil	55814-41-0	19.4	119.0	65.0	22	C 组
					119.0	91.0	12	
196	甲霜灵	metalaxyl	57837-19-1	13.8	131.9	117.0	12	C 组
					160.1	130.0	18	
197	吡唑草胺	metazachlor	67129-08-2	15.7	133.1	117.3	22	C 组
					133.1	132.1	12	
198	甲胺磷	methamidophos	10265-92-6	8.1	141.0	64.0	18	C 组
					141.0	79.0	20	
199	杀扑磷	methidathion	950-37-8	16.5	145.0	58.0	14	C 组
					145.0	85.0	6	

200	甲氧丙净	methoprotryne	841-06-5	18.0	256.1	170.1	20	C 组
					256.1	200.1	10	
201	异丙甲草胺	metolachlor	51218-45-2	14.7	162.1	132.9	14	C 组
					238.1	132.8	26	
202	噻草酮	metribuzin	21087-64-9	13.5	198.0	55.0	26	C 组
					198.0	82.1	16	
203	速灭磷	mevinphos	7786-34-7	9.3	127.0	95.0	14	C 组
					127.0	109.0	10	
204	灭蚁灵	mirex	2385-85-5	23.6	236.8	142.9	26	C 组
					272.0	236.8	14	
205	禾草敌	molinate	2212-67-1	10.2	126.1	55.1	12	C 组
					126.1	83.1	6	
206	庚酰草胺	monalide	7287-36-7	13.1	127.0	65.0	25	C 组
					127.0	92.0	15	
207	久效磷	monocrotophos	6923-22-4	11.3	96.9	82.0	10	C 组
					127.0	95.0	16	
208	腈菌唑	myclobutanil	88671-89-0	17.7	179.0	90.0	28	C 组
					179.0	125.0	14	
209	敌草胺	napropamide	15299-99-7	17.2	100.1	72.1	6	C 组
					128.2	72.1	6	
210	除草醚	nitrofen	1836-75-5	18.4	202.0	139.0	24	C 组
					283.0	202.0	10	
211	氟草敏	norflurazon	27314-13-2	19.9	145.0	74.7	28	C 组
					145.0	95.0	16	
212	氟苯嘧啶醇	nuarimol	63284-71-9	20.5	107.0	79.0	8	C 组
					139.0	111.0	14	
213	呋酰胺	ofurace	58810-48-3	19.5	131.9	117.0	14	C 组
					232.1	158.1	18	
214	氧乐果	omethoate	1113-02-6	10.6	110.0	79.0	10	C 组
					110.0	80.0	8	
215	噁草酮	oxadiazon	19666-30-9	17.6	174.9	76.0	28	C 组
					174.9	112.0	12	

216	噁霜灵	oxadixyl	77732-09-3	18.8	131.9	117.0	16	C 组
					163.1	117.0	24	
217	氧化萎锈灵	oxycarboxin	5259-88-1	20.9	146.9	43.1	8	C 组
					175.0	43.1	14	
218	多效唑	paclobutrazol	76738-62-0	16.7	125.0	89.0	18	C 组
					236.0	125.0	12	
219	对氧磷	paraoxon-ethyl	311-45-5	13.9	109.0	81.0	10	C 组
					149.0	91.1	10	
220	甲基对氧磷	paraoxon-methyl	950-35-6	12.7	95.9	65.0	12	C 组
					109.0	79.0	6	
221	对硫磷	parathion	56-38-2	14.9	109.0	81.0	10	C 组
					124.9	97.0	6	
222	甲基对硫磷	parathion-methyl	298-00-0	13.6	124.9	47.0	12	C 组
					124.9	79.0	6	
223	戊菌唑	penconazole	66246-88-6	15.8	158.9	89.0	28	C 组
					248.0	157.0	22	
224	二甲戊灵	pendimethalin	40487-42-1	15.6	252.1	161.0	14	C 组
					252.1	162.0	8	
225	五氯苯胺	pentachloroaniline	527-20-8	13.3	264.8	193.6	18	C 组
					264.8	202.8	20	
226	五氯甲氧基苯	pentachloroanisole	1825-21-4	11.8	266.8	238.9	12	C 组
					279.9	236.9	22	
227	五氯苯	pentachlorobenzene	608-93-5	10.0	249.8	143.6	38	C 组
					249.8	178.5	24	
228	五氯苯甲腈	pentachlorobenzonitrile	20925-85-3	12.3	272.9	237.9	16	C 组
					274.8	204.9	28	
229	氯菊酯-1	permethrin	52645-53-1	25.1	163.0	91.1	12	C 组
					183.1	153.0	12	
	氯菊酯-2			25.3	183.0	153.0	14	
					183.0	165.1	10	
230	稻丰散	phenthoate	2597-03-7	16.0	121.0	77.0	22	C 组

					246.0	121.0	8	
231	甲拌磷	phorate	298-02-2	11.4	75.0	47.0	8	C 组
					121.0	65.0	8	
232	伏杀硫磷	phosalone	2310-17-0	22.9	121.1	65.0	10	C 组
					182.0	74.8	30	
233	硫环磷	phosfolan	947-02-4	16.0	139.9	60.0	15	C 组
					168.0	140.0	10	
234	亚胺硫磷	phosmet	732-11-6	21.6	160.0	50.9	38	C 组
					160.0	76.9	22	
235	磷胺	phosphamidon	13171-21-6	13.25,13.51	127.0	94.9	16	C 组
					127.0	109.0	12	
236	邻苯二甲酰亚胺	phthalimide	85-41-6	9.7	103.7	76.0	10	C 组
					147.0	76.0	25	
237	氟吡啶草胺	picolinafen	137641-05-5	21.9	145.0	95.0	12	C 组
					238.0	145.1	22	
238	啶氧菌酯	picoxystrobin	117428-22-5	16.9	145.1	102.1	25	C 组
					145.1	115.1	15	
239	增效醚	piperonyl-butoxide	51-03-6	20.9	176.1	103.1	22	C 组
					176.1	117.0	18	
240	哌草磷	piperophos	24151-93-7	21.8	122.1	53.0	20	C 组
					122.1	79.7	12	
241	抗蚜威	pirimicarb	23103-98-2	12.9	166.1	55.0	18	D 组
					166.1	96.0	12	
242	噁啶磷	pirimiphos-ethyl	23505-41-1	15.3	304.0	168.1	12	D 组
					318.1	166.1	12	
243	甲基噁啶磷	pirimiphos-methyl	29232-93-7	14.2	290.1	125.0	20	D 组
					290.1	233.0	8	
244	丙草胺	pretilachlor	51218-49-6	17.4	202.1	145.5	14	D 组
					202.1	174.2	8	
245	咪鲜胺	prochloraz	67747-09-5	25.4	180.1	138.1	12	D 组
					180.2	69.2	15	
246	环丙腈津	procyazine	32889-48-8	16.6	237.0	109.0	30	D 组

					237.0	210.0	10	
247	腐霉利	procymidone	32809-16-8	16.2	95.9	53.0	16	D 组
					95.9	67.1	8	
248	丙溴磷	profenofos	41198-08-7	17.5	296.7	268.9	10	D 组
					336.9	266.9	12	
249	猛杀威	promecarb	2631-37-0	11.4	135.1	91.0	16	D 组
					150.1	91.1	24	
250	扑灭通	prometon	1610-18-0	11.9	210.1	112.0	10	D 组
					210.1	168.1	10	
251	扑草净	prometryn	7287-19-6	13.9	226.1	184.1	8	D 组
					241.1	58.1	12	
252	毒草胺	propachlor	1918-16-7	10.7	120.0	50.9	35	D 组
					120.0	77.0	15	
253	敌稗	propanil	709-98-8	13.4	160.9	99.0	24	D 组
					160.9	125.7	16	
254	丙虫磷	propaphos	7292-16-2	16.6	139.9	125.0	12	D 组
					220.0	125.0	24	
255	扑灭津	propazine	139-40-2	12.0	172.0	94.1	12	D 组
					214.1	172.1	8	
256	胺丙畏	propetamphos	31218-83-4	12.2	138.0	64.0	15	D 组
					138.0	110.0	10	
257	苯胺灵	propham	122-42-9	9.5	92.9	65.9	12	D 组
					137.0	93.0	8	
258	丙环唑-1	propiconazole	60207-90-1	20.1	172.9	74.0	38	D 组
	172.9				109.0	26		
	丙环唑-2			20.2	172.9	74.0	38	
					172.9	109.0	24	
259	异丙草胺	propisochlor	86763-47-5	13.8	162.0	91.1	27	D 组
					162.0	120.1	18	
260	炔苯酰草胺	propyzamide	23950-58-5	12.4	172.9	74.0	38	D 组
					172.9	109.0	26	

261	苄草丹	prosulfocarb	52888-80-9	14.1	128.1	43.1	10	D 组
					160.1	100.1	10	
262	丙硫磷	prothiofos	34643-46-4	17.4	266.7	220.9	18	D 组
					266.7	238.9	8	
263	吡喃灵	pyracarbolid	24691-76-7	15.3	125.0	43.0	20	D 组
					125.0	55.1	12	
264	吡唑醚菌酯	pyraclostrobin	175013-18-0	28.6	132.0	51.1	35	D 组
					132.0	77.0	20	
265	吡菌磷	pyrazophos	13457-18-6	23.9	221.0	148.7	14	D 组
					221.0	193.1	8	
266	三氟甲吡醚	pyridalyl	179101-81-6	27.5	163.8	146.1	12	D 组
					204.0	148.1	18	
267	啶斑肟-E	pyrifenox	88283-41-4	15.9	227.0	192.1	12	D 组
					227.0	200.0	12	
	啶斑肟-Z			16.6	262.0	63.6	28	
					262.0	200.0	14	
268	环酯草醚	pyriftalid	135186-78-6	24.0	274.1	246.1	12	D 组
					274.1	273.2	10	
269	嘧霉胺	pyrimethanil	53112-28-0	12.5	198.1	117.9	30	D 组
					198.1	157.6	18	
270	吡丙醚	pyriproxyfen	95737-68-1	23.2	136.1	78.0	20	D 组
					136.1	96.0	10	
271	咯嗉酮	pyroquilon	57369-32-1	12.5	130.0	77.0	25	D 组
					173.1	130.1	20	
272	喹硫磷	quinalphos	13593-03-8	16.1	146.0	118.1	10	D 组
					157.1	102.0	22	
273	灭藻醌	quinoclamine	2797-51-5	14.6	127.9	101.0	10	D 组
					172.3	89.0	22	
274	喹氧灵	quinoxifen	124495-18-7	20.0	237.0	208.0	26	D 组
					271.8	237.1	12	
275	五氯硝基苯	quintozene	82-68-8	12.2	213.8	141.9	28	D 组
					213.8	178.9	14	

276	仲丁通	sebumeton	26259-45-0	12.7	169.0	154.1	8	D 组
					196.1	68.7	20	
277	氟硅菊酯	silafuofen	105024-66-6	27.6	179.1	151.1	10	D 组
					258.1	181.1	16	
278	西玛津	simazine	122-34-9	11.9	172.7	138.0	6	D 组
					172.7	172.2	8	
279	西草净	simetryn	1014-70-6	13.8	213.0	152.1	12	D 组
					213.0	170.1	10	
280	治螟磷	sulfotep	3689-24-5	11.2	202.0	145.9	10	D 组
					265.9	145.9	15	
281	清菌噻唑	TCMTB	21564-17-0	17.2	180.0	109.0	28	D 组
					180.0	136.0	14	
282	戊唑醇	tebuconazole	107534-96-3	20.6	125.0	89.0	16	D 组
					125.0	99.0	16	
283	吡蚜胺	tebufenpyrad	119168-77-3	22.3	276.1	171.0	10	D 组
					318.1	131.1	14	
284	丁基嘧啶磷	tebupirimfos	96182-53-5	12.9	233.8	110.1	10	D 组
					233.8	126.0	10	
285	牧草胺	tebutam	35256-85-0	11.4	91.0	39.0	28	D 组
					91.0	65.0	16	
286	丁噻隆	tebuthiuron	34014-18-1	10.0	156.0	62.0	16	D 组
					156.0	73.9	16	
287	四氯硝基苯	tecnazene	117-18-0	10.6	214.8	143.6	20	D 组
					214.8	178.7	10	
288	特丁硫磷	terbufos	13071-79-9	12.3	230.9	128.9	22	D 组
					230.9	174.9	12	
289	特丁通	terbumeton	33693-04-8	12.1	169.1	68.9	26	D 组
					169.1	154.1	8	
290	特丁津	terbuthylazine	5915-41-3	12.2	214.1	104.0	16	D 组
					214.1	132.0	10	
291	特丁净	terbutryn	886-50-0	14.3	226.1	68.0	26	D 组

					241.1	170.1	12	
292	杀虫威	tetrachlorvinphos	22248-79-9	16.7	109.0	79.0	6	D 组
					328.9	109.0	18	
293	四氟醚唑	tetraconazole	112281-77-3	15.0	100.9	51.0	10	D 组
					159.0	123.4	16	
294	三氯杀螨砒	tetradifon	116-29-0	22.7	159.0	74.8	32	D 组
					159.0	111.0	20	
295	胺菊酯-1	tetramethrin	7696-12-0	21.6	164.0	77.1	24	D 组
					164.0	107.1	12	
	胺菊酯-2			21.9	164.0	77.1	22	
					164.0	107.1	12	
296	久效威	thiofanox	39196-18-4	8.3	115.1	73.1	6	D 组
					115.1	100.1	8	
297	仲草丹	tiocarbazil	36756-79-3	15.1	100.1	57.1	6	D 组
					156.1	57.1	10	
298	甲基立枯磷	tolclofos-methyl	57018-04-9	13.7	265.0	219.9	20	D 组
					265.0	250.0	12	
299	唑虫酰胺	tolfenpyrad	129558-76-5	30.5	145.0	117.0	12	D 组
					383.1	145.1	10	
300	甲苯氟磺胺	tolyfluand	731-27-1	15.9	137.0	65.1	28	D 组
					137.0	91.1	18	
301	四氟苯菊酯	transfluthrin	118712-89-3	13.7	127.0	91.1	8	D 组
					163.0	91.1	12	
302	三唑酮	triadimefon	43121-43-3	15.0	208.0	111.0	20	D 组
					208.0	126.7	12	
303	三唑醇	triadimenol	55219-65-3	16.2	112.0	57.6	8	D 组
					128.0	65.0	18	
304	野麦畏	triallate	2303-17-5	12.8	86.1	43.3	6	D 组
					268.0	183.9	18	
305	三唑磷	triazophos	24017-47-8	19.4	161.0	105.7	12	D 组
					161.0	134.1	8	
306	三环唑	tricyclazole	41814-78-2	17.4	162.0	84.9	18	D 组

					162.0	133.9	8	
307	灭草环	tridiphane	58138-08-2	14.0	173.1	109.0	30	D 组
					173.1	145.0	15	
308	草达津	trietazine	1912-26-1	12.2	200.1	68.5	22	D 组
					200.1	122.1	10	
309	杀螺吗啉	trifenmorph	1420-06-0	23.7	243.0	165.2	20	D 组
					243.0	228.2	20	
310	肟菌酯	trifloxystrobin	141517-21-7	19.9	116.1	63.0	24	D 组
					116.1	89.0	14	
311	氟菌唑	triflumizole	99387-89-0	16.2	179.0	144.0	14	D 组
					206.0	179.0	14	
312	氟乐灵	trifluralin	1582-09-8	11.1	306.1	159.7	20	D 组
					306.1	206.0	10	
313	灭菌唑	triticonazole	131983-72-7	22.9	217.0	167.0	18	D 组
					235.1	181.9	12	
314	烯效唑	uniconazole	83657-22-1	17.6	234.0	102.1	26	D 组
					234.0	137.0	16	
315	乙烯菌核利	vinclozolin	50471-44-8	13.6	186.8	124.0	18	D 组
					198.0	145.0	14	

附录 F

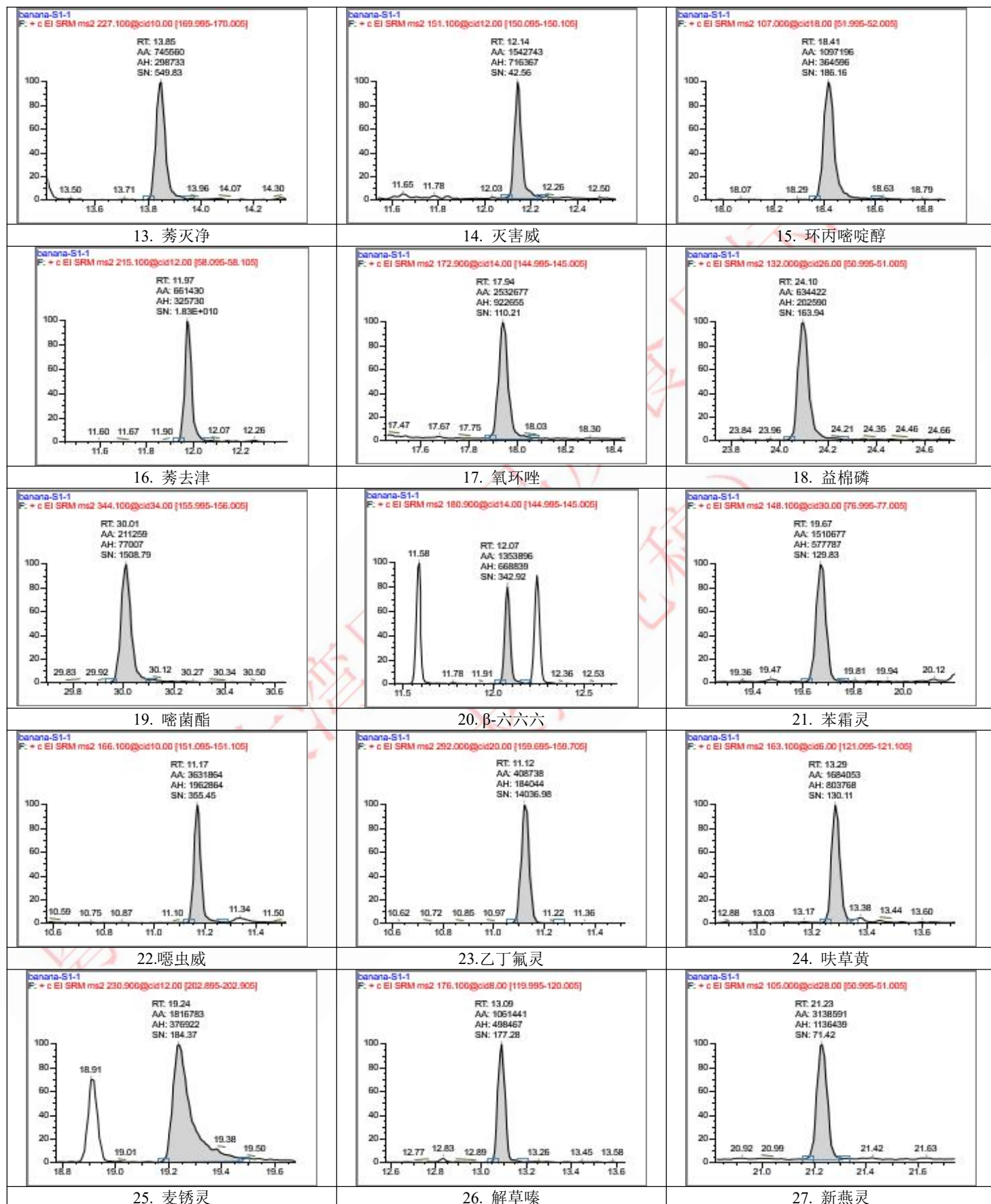
(资料性)

315 种化合物的多反应检测 MRM 色谱图

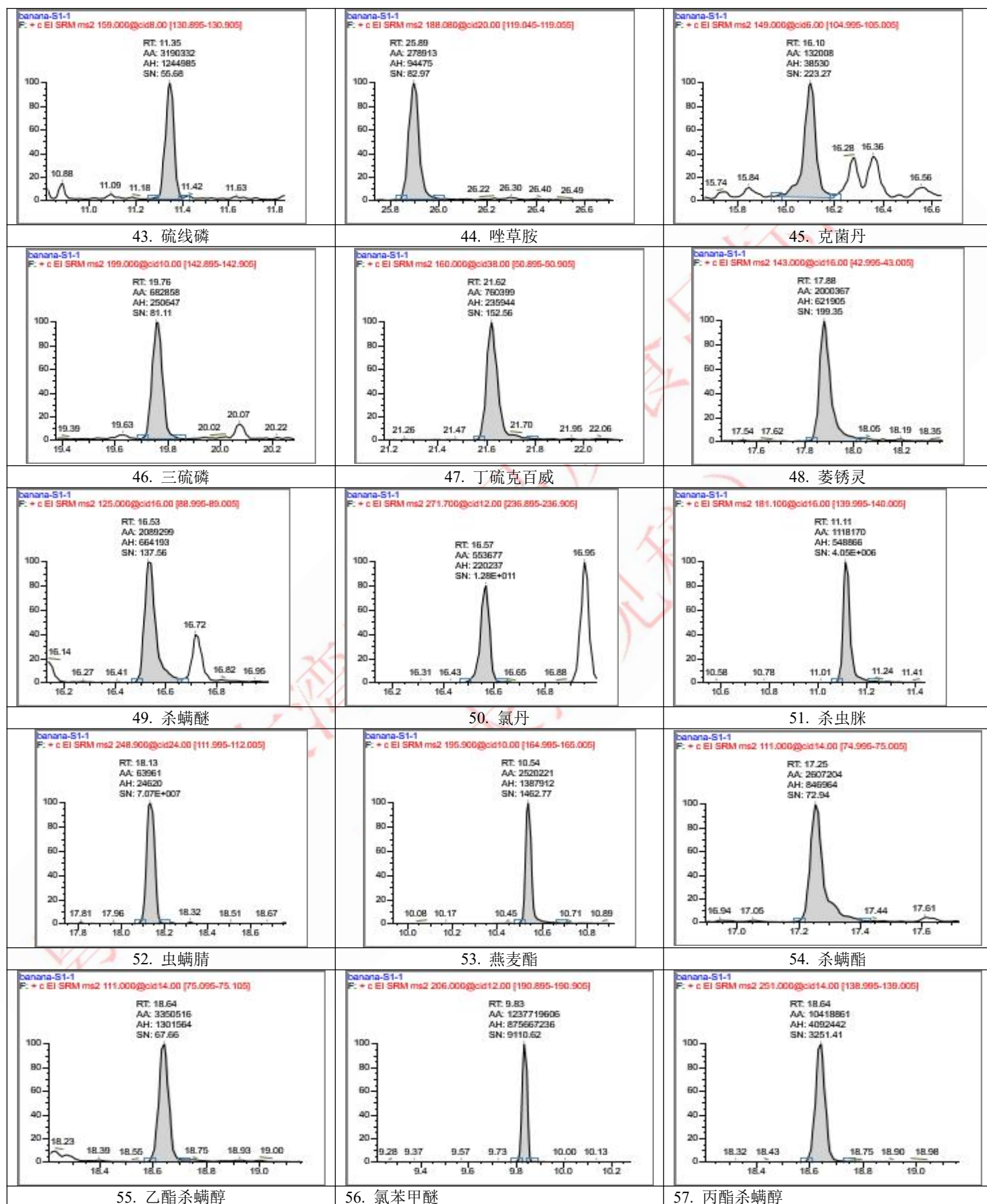
315 种化合物种化合物的多反应检测 MRM 色谱图如表 F.1 所示。

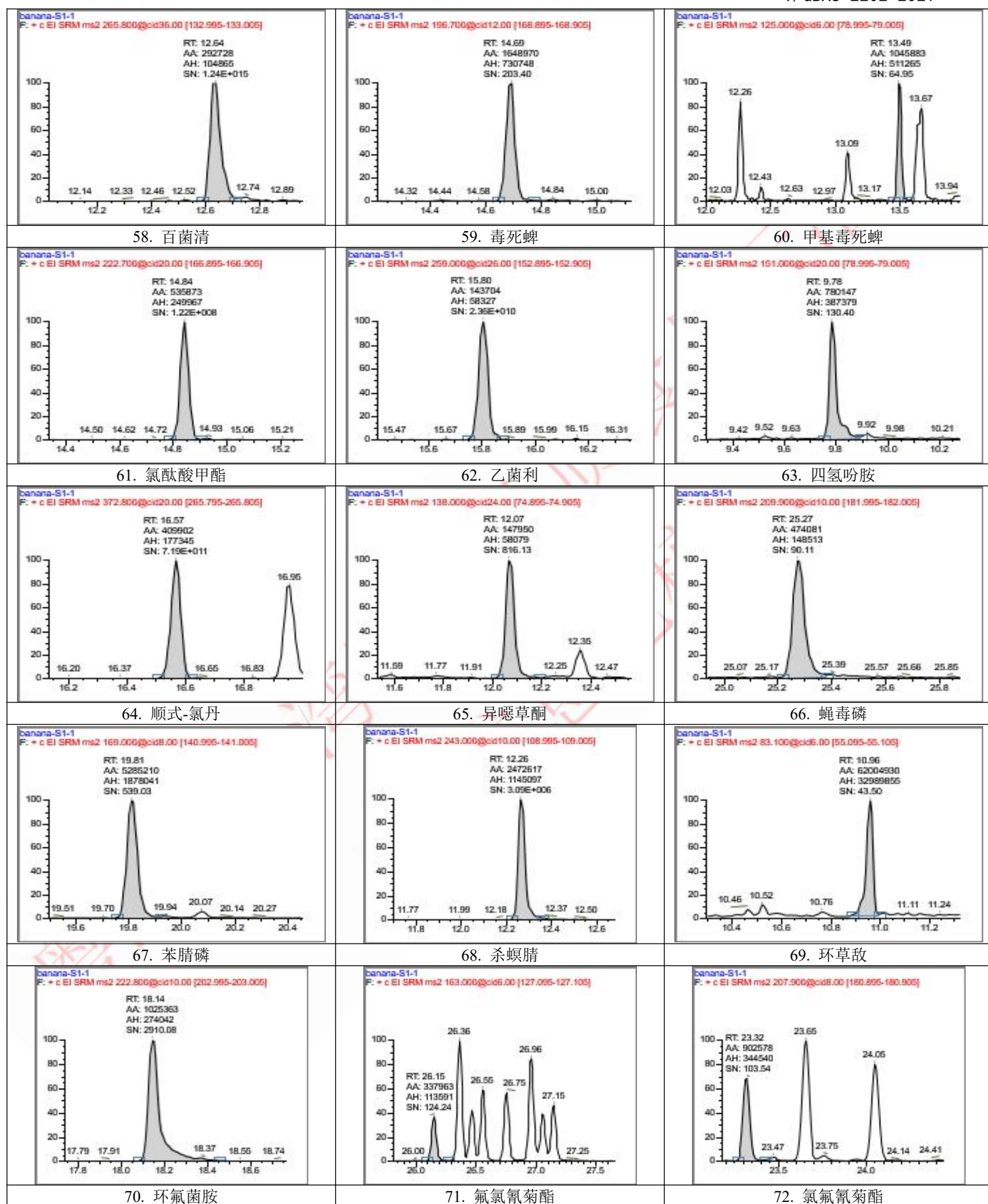
表 F.1 315 种化合物化合物种化合物的多反应检测 MRM 色谱图

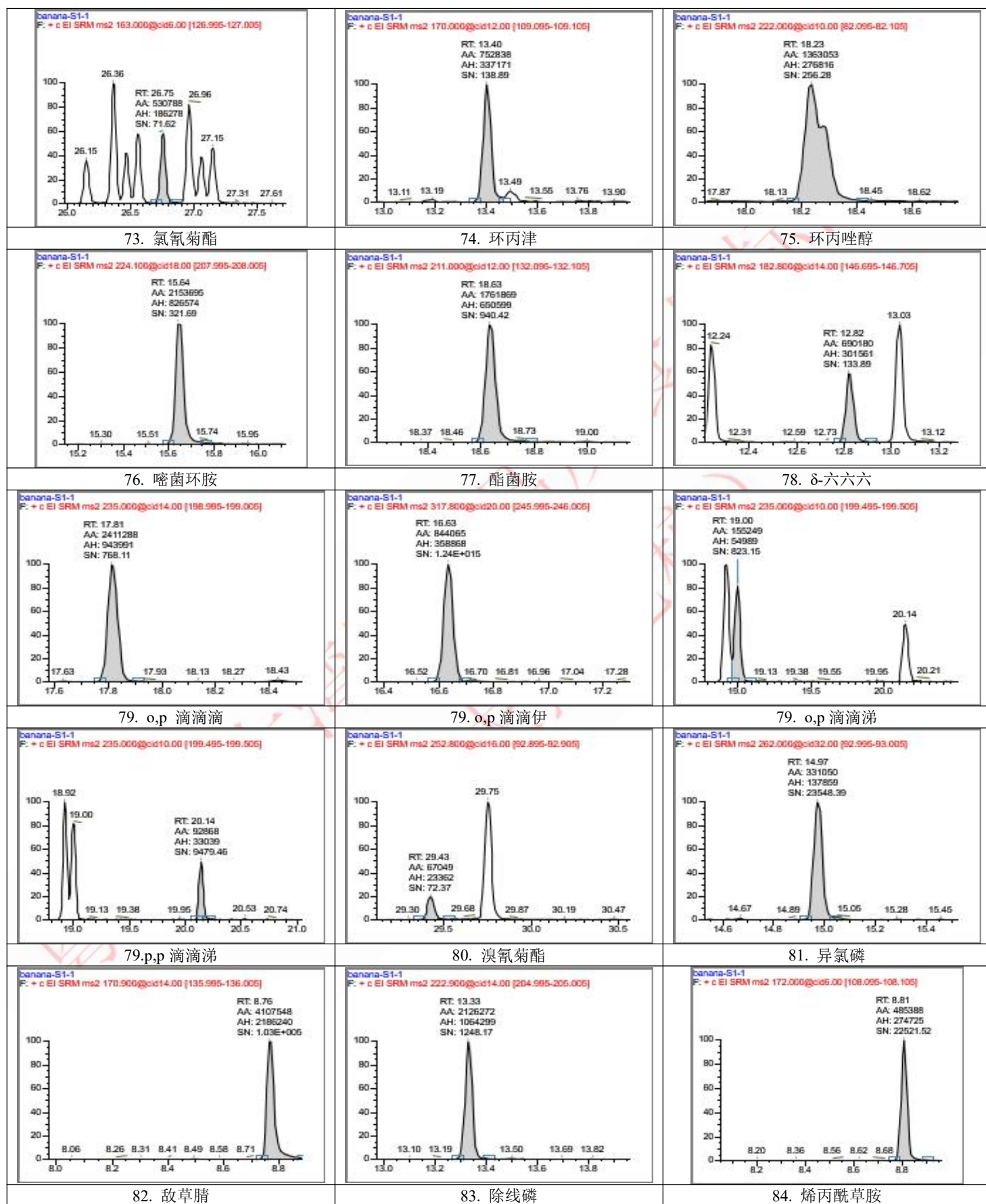
<p>1. 2,3,5,6-四氯苯胺</p>	<p>2. 间羟基联苯</p>	<p>3. 4,4-二溴二苯甲酮</p>
<p>4. 4,4-二氯二苯甲酮</p>	<p>5. 4-硝基氯苯</p>	<p>6. α-六六六</p>
<p>7. 威杀灵</p>	<p>8. 乙酞甲胺磷</p>	<p>9. 苯草醚</p>
<p>10. 甲草胺</p>	<p>11. 艾氏剂</p>	<p>12. 二丙烯草胺</p>

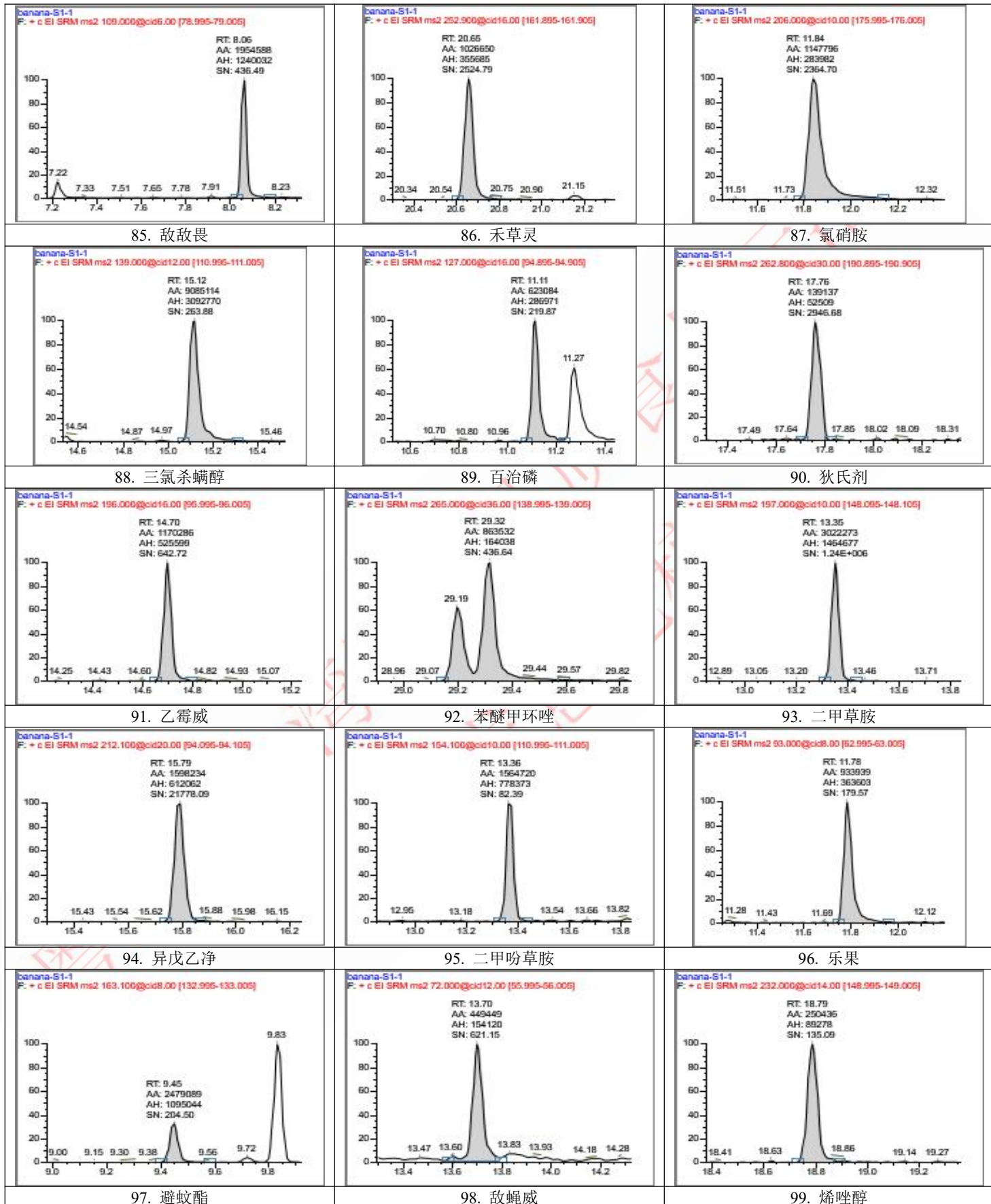


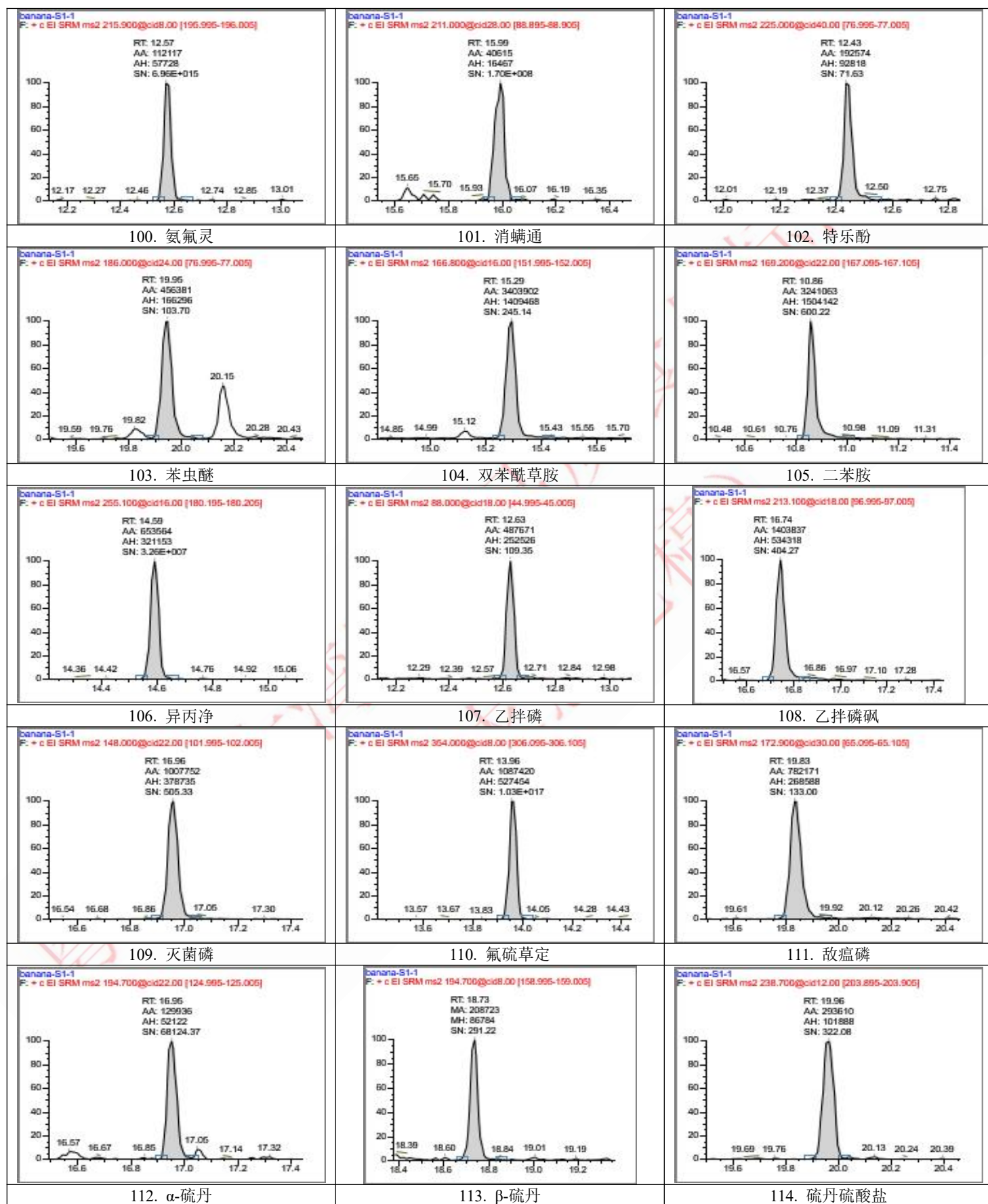
<p>banana-S1-1 F: + c EI SRM ms2 198.500@cid12.00 [184.095-184.105]</p> <p>RT: 21.97 AA: 247380 AH: 59105 SN: 22.91</p>	<p>banana-S1-1 F: + c EI SRM ms2 181.000@cid10.00 [165.895-165.905]</p> <p>RT: 21.81 AA: 10072248 AH: 3686641 SN: 643.40</p>	<p>banana-S1-1 F: + c EI SRM ms2 151.800@cid24.00 [125.795-125.805]</p> <p>RT: 9.06 AA: 304639 AH: 194478 SN: 112.42</p>
<p>28. 联苯肼酯</p> <p>banana-S1-1 F: + c EI SRM ms2 170.000@cid34.00 [115.095-115.105]</p> <p>RT: 24.94 AA: 1885171 AH: 592866 SN: 376.53</p>	<p>29. 联苯菊酯</p> <p>banana-S1-1 F: + c EI SRM ms2 112.000@cid12.00 [75.995-76.005]</p> <p>RT: 26.78 AA: 1342937 AH: 405548 SN: 532.23</p>	<p>30. 联苯</p> <p>banana-S1-1 F: + c EI SRM ms2 232.200@cid10.00 [176.095-176.105]</p> <p>RT: 13.49 AA: 473029 AH: 217816 SN: 1.98E+006</p>
<p>31. 联苯三唑醇</p> <p>banana-S1-1 F: + c EI SRM ms2 302.700@cid14.00 [284.795-284.805]</p> <p>RT: 16.49 AA: 471925 AH: 202388 SN: 9.17E+014</p>	<p>32. 啶酰菌胺</p> <p>banana-S1-1 F: + c EI SRM ms2 184.900@cid12.00 [156.895-156.905]</p> <p>RT: 21.81 AA: 2170946 AH: 785986 SN: 350.51</p>	<p>33. 溴丁酰草胺</p> <p>banana-S1-1 F: + c EI SRM ms2 172.900@cid38.00 [73.995-74.005]</p> <p>RT: 21.57 AA: 642201 AH: 164269 SN: 1941.77</p>
<p>34. 乙基溴硫磷</p> <p>banana-S1-1 F: + c EI SRM ms2 208.100@cid12.00 [140.095-140.105]</p> <p>RT: 17.84 AA: 330630 AH: 131371 SN: 1.09E+011</p>	<p>35. 溴螨酯</p> <p>banana-S1-1 F: + c EI SRM ms2 175.000@cid12.00 [132.095-132.105]</p> <p>RT: 17.84 AA: 648459 AH: 260857 SN: 108.78</p>	<p>36. 糠菌唑</p> <p>banana-S1-1 F: + c EI SRM ms2 176.100@cid12.00 [146.895-146.905]</p> <p>RT: 16.78 AA: 1011864 AH: 417241 SN: 90.91</p>
<p>37. 乙啶磺酸酯</p> <p>banana-S1-1 F: + c EI SRM ms2 331.000@cid16.00 [179.995-180.005]</p> <p>RT: 25.76 AA: 2754939 AH: 976404 SN: 1922.43</p>	<p>38. 噻嗪酮</p> <p>banana-S1-1 F: + c EI SRM ms2 266.100@cid22.00 [174.295-174.305]</p> <p>RT: 15.17 AA: 306882 AH: 139144 SN: 3.10E+016</p>	<p>39. 丁草胺</p> <p>banana-S1-1 F: + c EI SRM ms2 180.900@cid26.00 [108.995-109.005]</p> <p>RT: 12.24 AA: 645981 AH: 331229 SN: 142.22</p>
<p>40. 氟丙啶草酯</p>	<p>41. 仲丁灵</p>	<p>42. γ-六六六</p>

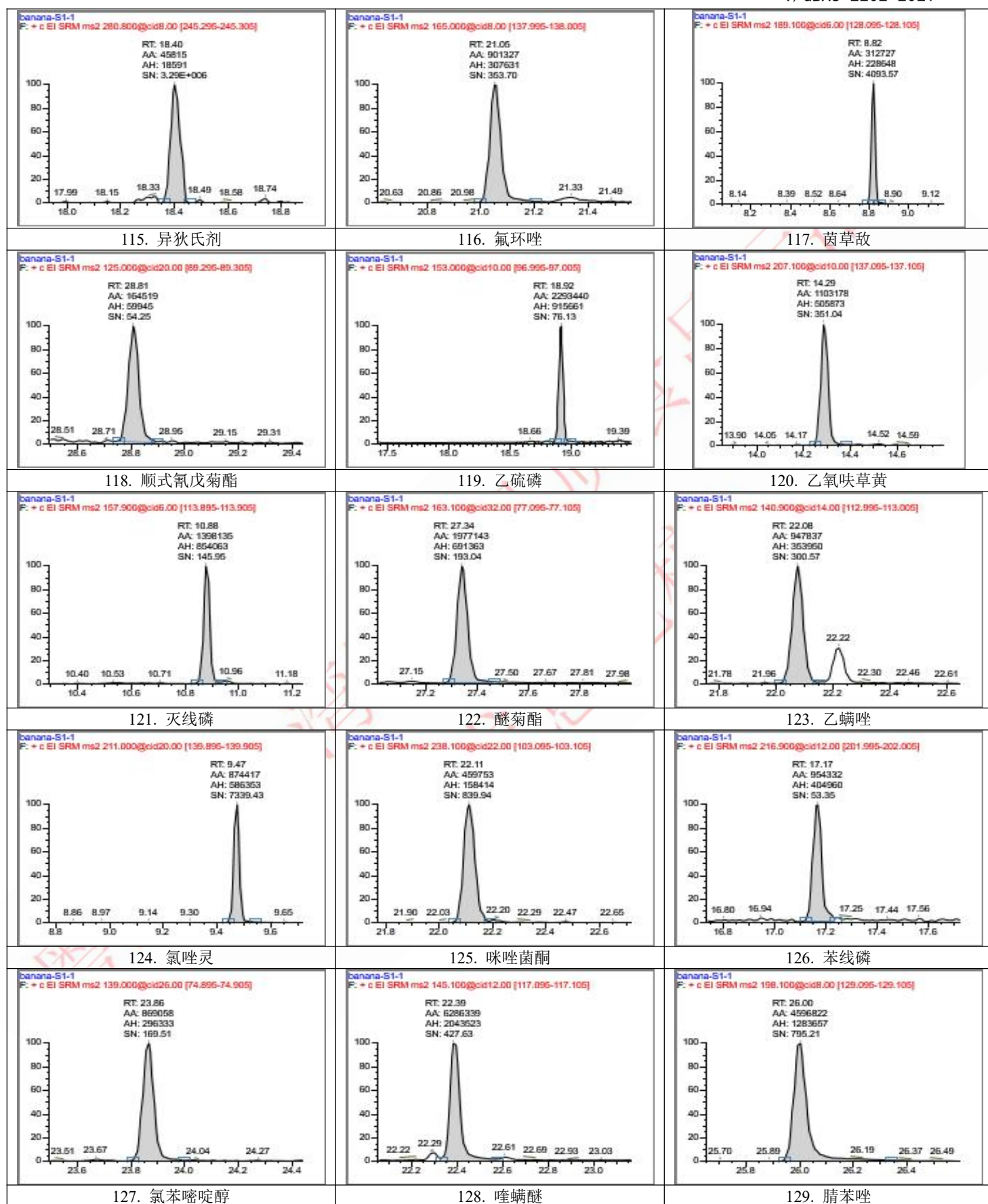


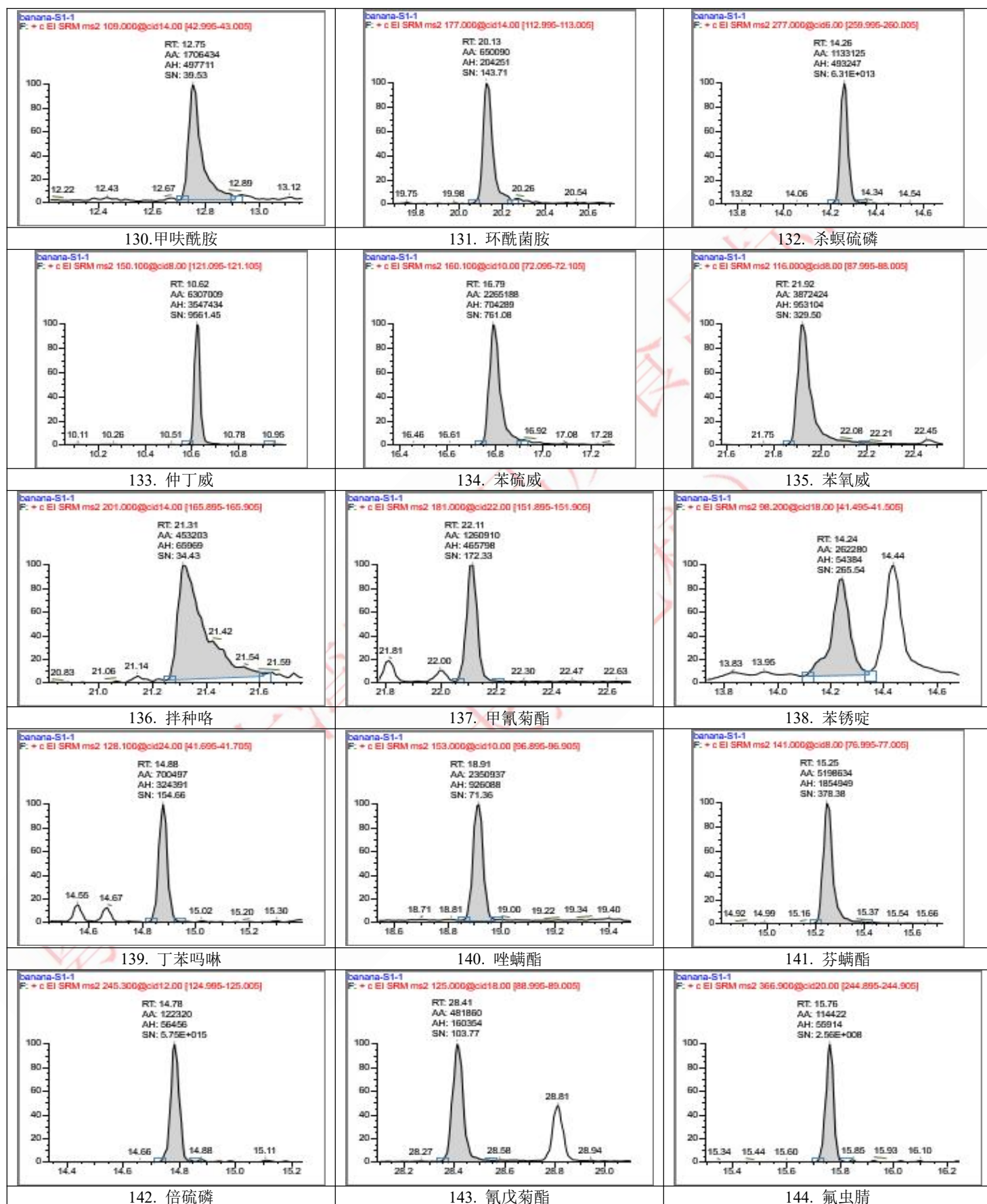




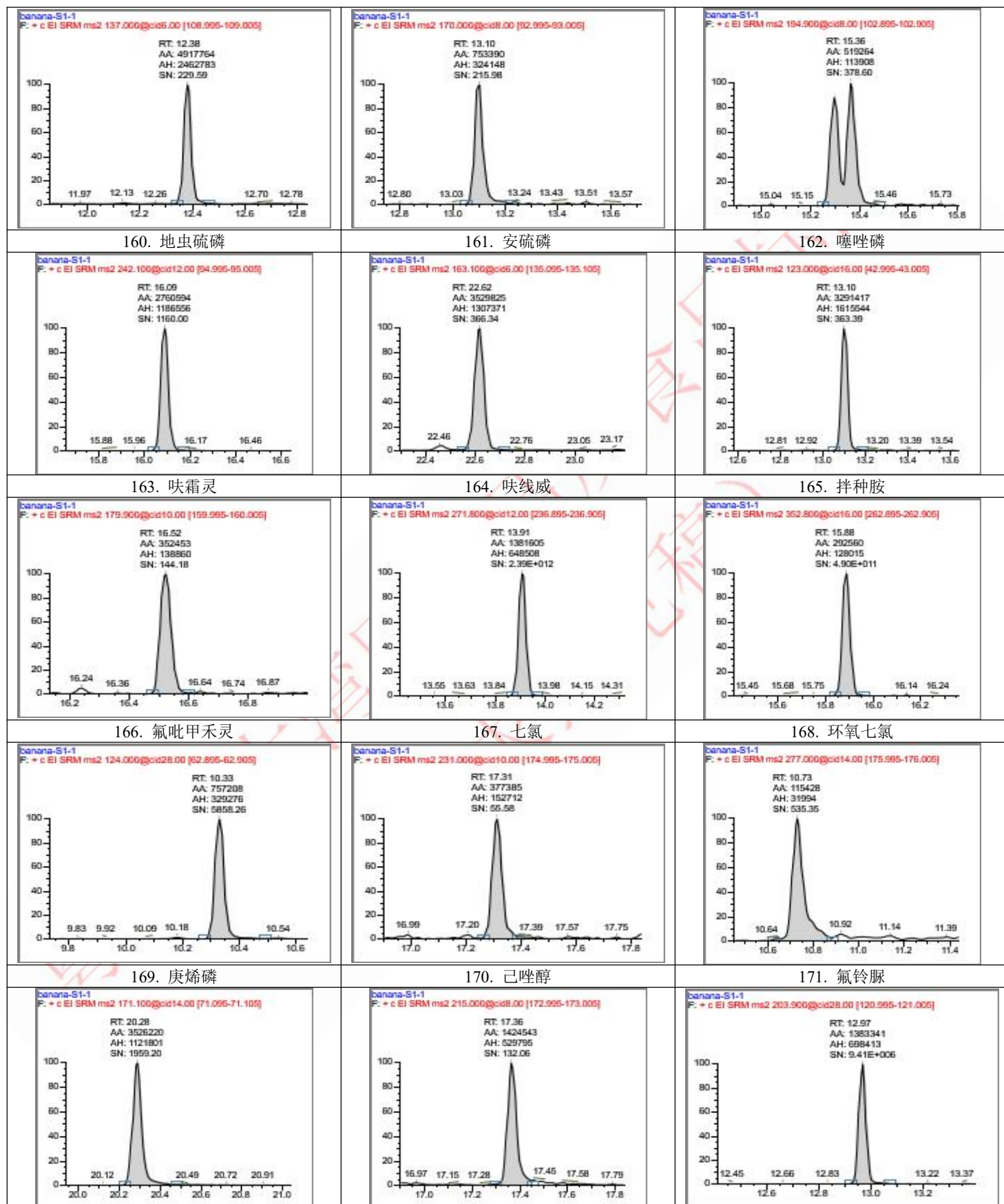




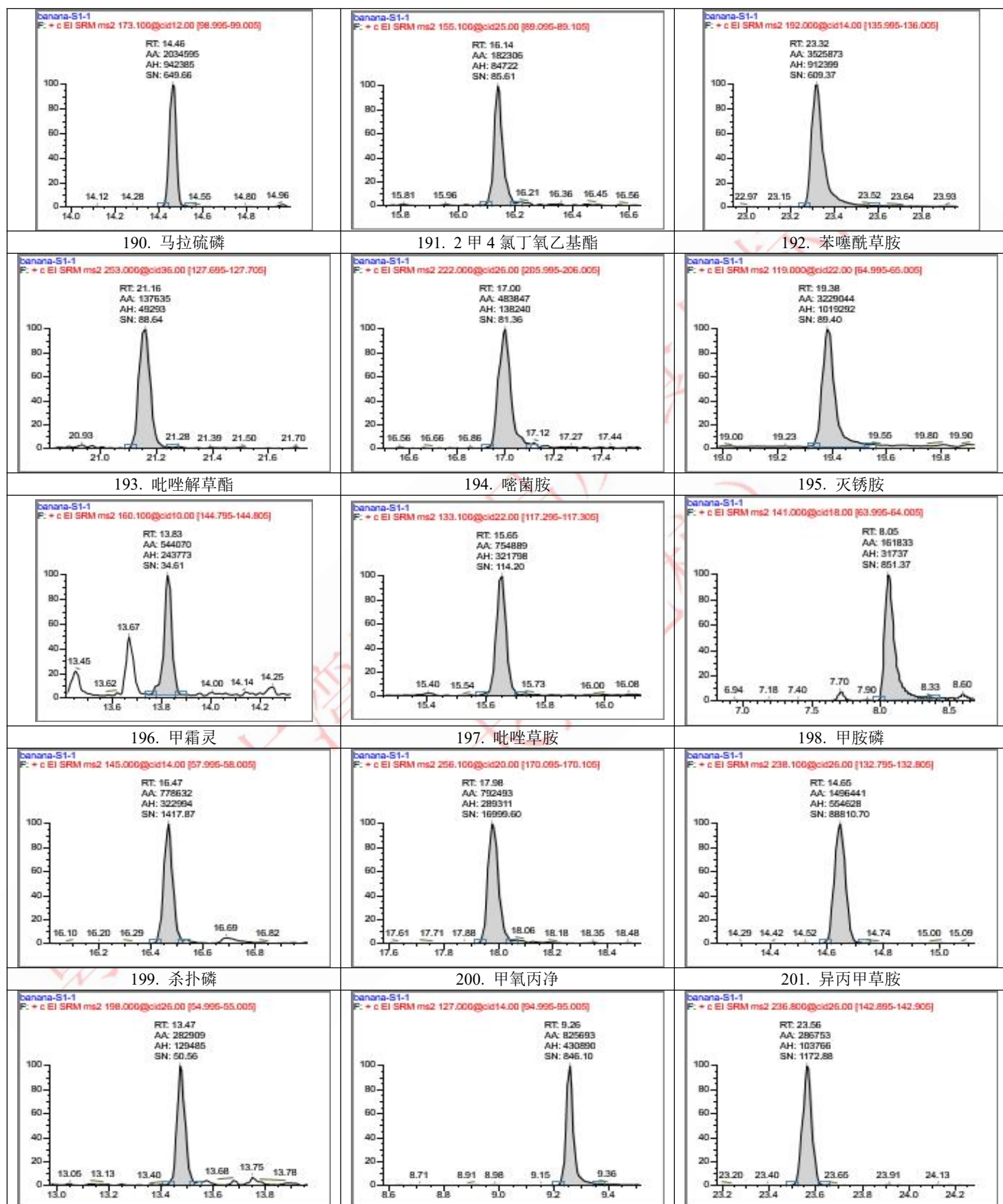




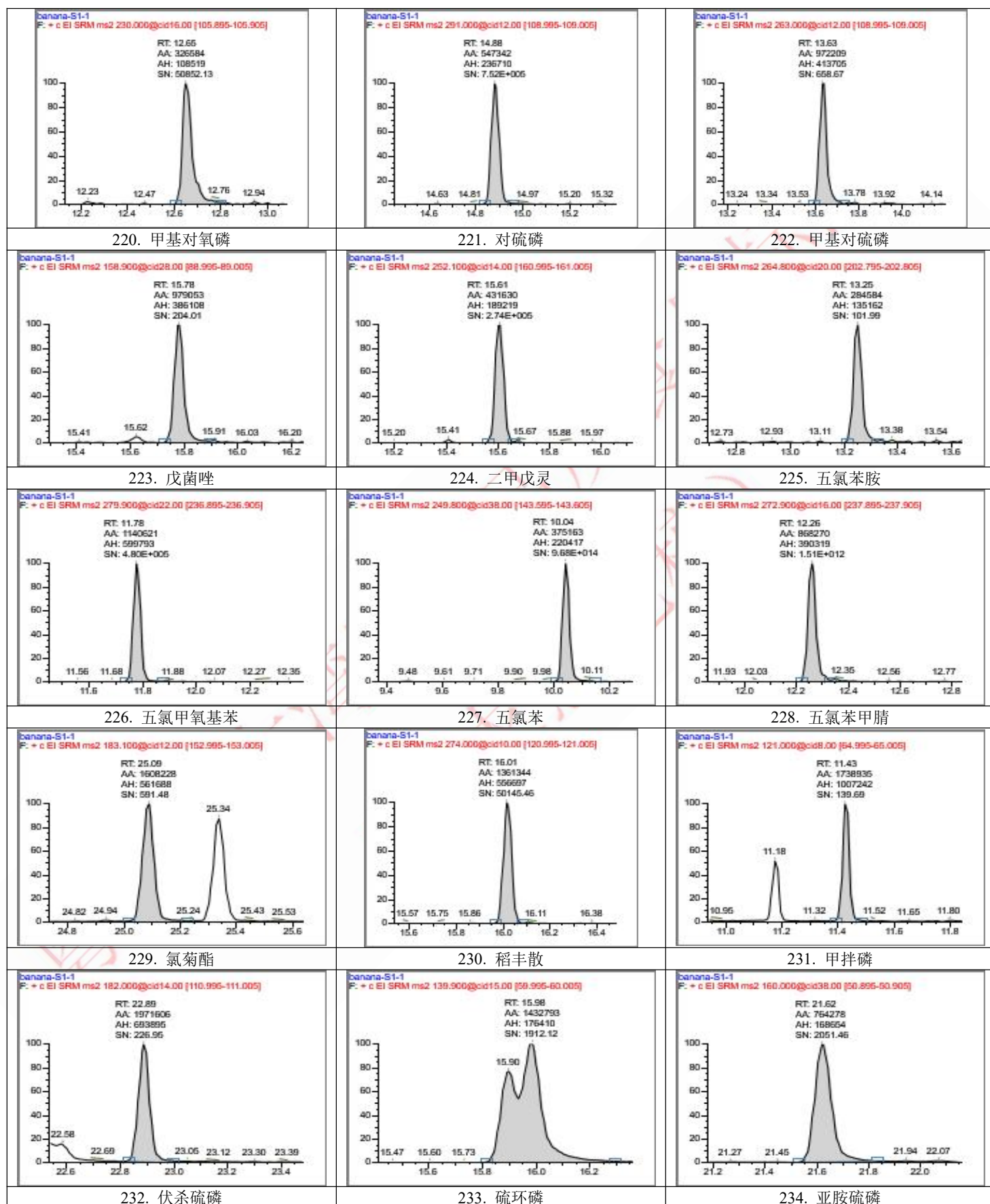
<p>banana-S1-1 F. = c EI SRM ms2 333.050@cid15.00 [231.025-231.035]</p> <p>RT: 13.54 AA: 333424 AH: 171794 SN: 1.10E+015</p>	<p>banana-S1-1 F. = c EI SRM ms2 351.000@cid15.00 [254.995-255.005]</p> <p>RT: 15.45 AA: 1287807 AH: 542688 SN: 3.45E+016</p>	<p>banana-S1-1 F. = c EI SRM ms2 383.000@cid10.00 [240.995-241.005]</p> <p>RT: 17.58 AA: 346322 AH: 135069 SN: 1.35E+014</p>
145. 氟甲腈	146. 氟虫腈亚砷	147. 氟虫腈砷
<p>banana-S1-1 F. = c EI SRM ms2 276.000@cid8.00 [105.095-105.105]</p> <p>RT: 18.68 AA: 2003658 AH: 782958 SN: 569.96</p>	<p>banana-S1-1 F. = c EI SRM ms2 146.000@cid8.00 [125.995-126.005]</p> <p>RT: 10.56 AA: 1270989 AH: 420003 SN: 1237.23</p>	<p>banana-S1-1 F. = c EI SRM ms2 157.000@cid12.00 [107.095-107.105]</p> <p>RT: 27.09 AA: 1858431 AH: 634197 SN: 345.86</p>
148. 麦草氟异丙酯	149. 氟啶虫酰胺	150. 氟氟戊菊酯
<p>banana-S1-1 F. = c EI SRM ms2 151.100@cid10.00 [135.095-136.105]</p> <p>RT: 14.87 AA: 3889043 AH: 1767166 SN: 449.26</p>	<p>banana-S1-1 F. = c EI SRM ms2 354.100@cid16.00 [176.095-176.105]</p> <p>RT: 28.32 AA: 105490 AH: 35172 SN: 394.44</p>	<p>banana-S1-1 F. = c EI SRM ms2 223.100@cid10.00 [187.195-187.205]</p> <p>RT: 15.93 AA: 444623 AH: 186282 SN: 278.13</p>
151. 氟噻草胺	152. 丙炔氟草胺	153. 氟吡菌酰胺
<p>banana-S1-1 F. = c EI SRM ms2 107.000@cid18.00 [51.995-52.005]</p> <p>RT: 13.44 AA: 2338461 AH: 1088738 SN: 569.63</p>	<p>banana-S1-1 F. = c EI SRM ms2 157.000@cid12.00 [136.995-137.005]</p> <p>RT: 22.71 AA: 461742 AH: 130526 SN: 171.91</p>	<p>banana-S1-1 F. = c EI SRM ms2 233.000@cid16.00 [164.895-164.905]</p> <p>RT: 17.80 AA: 1239916 AH: 479146 SN: 1.11E+009</p>
154. 呋啉醇	155. 呋草酮	156. 氟硅唑
<p>banana-S1-1 F. = c EI SRM ms2 281.000@cid10.00 [172.995-173.005]</p> <p>RT: 17.23 AA: 3336147 AH: 1276149 SN: 301.69</p>	<p>banana-S1-1 F. = c EI SRM ms2 219.000@cid12.00 [122.995-123.005]</p> <p>RT: 17.06 AA: 2912460 AH: 1044665 SN: 172.80</p>	<p>banana-S1-1 F. = c EI SRM ms2 250.000@cid16.00 [55.095-55.105]</p> <p>RT: 28.71 AA: 855200 AH: 162870 SN: 288.78</p>
157. 氟酰胺	158. 粉唑醇	159. 氟胺氰菊酯

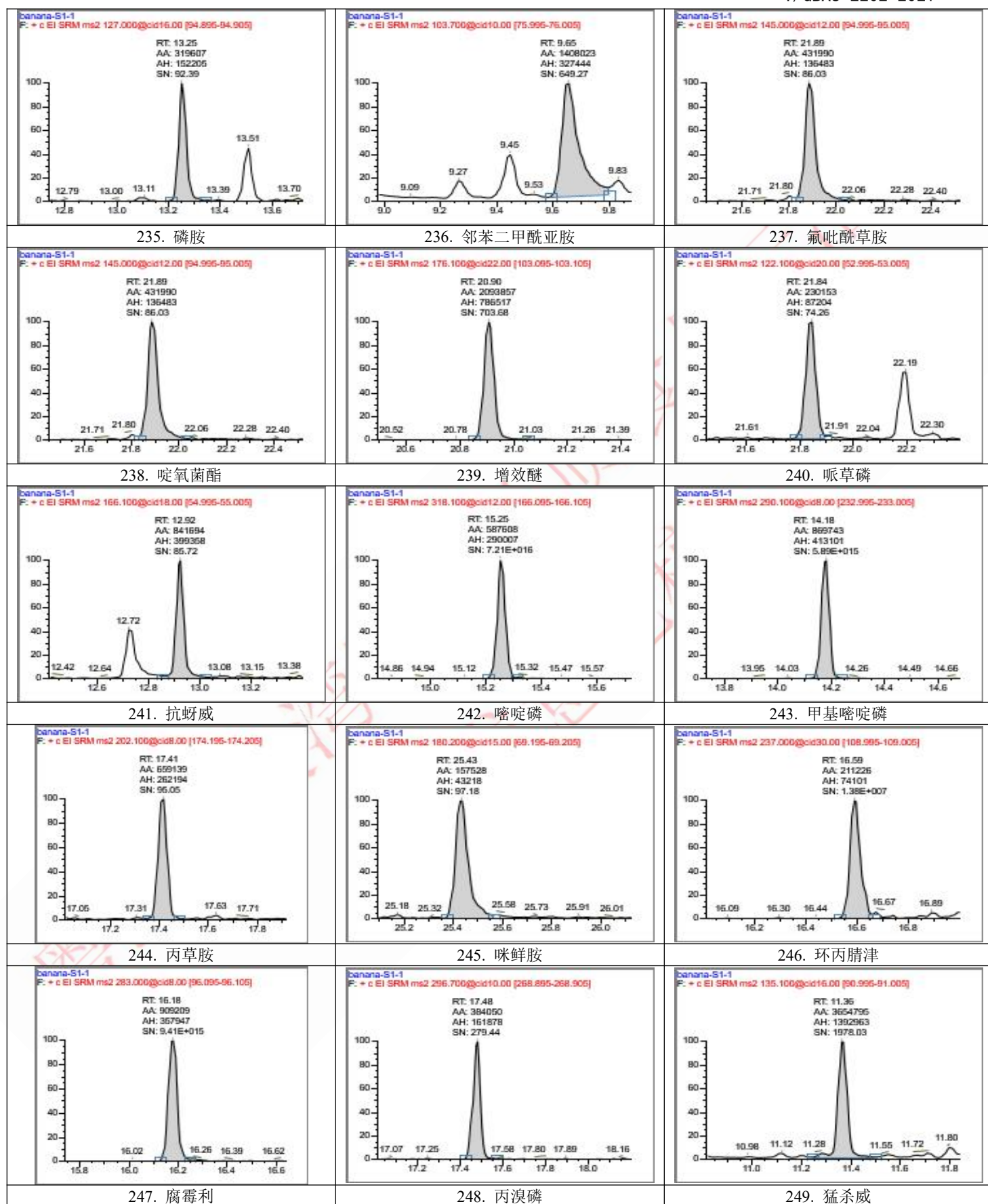


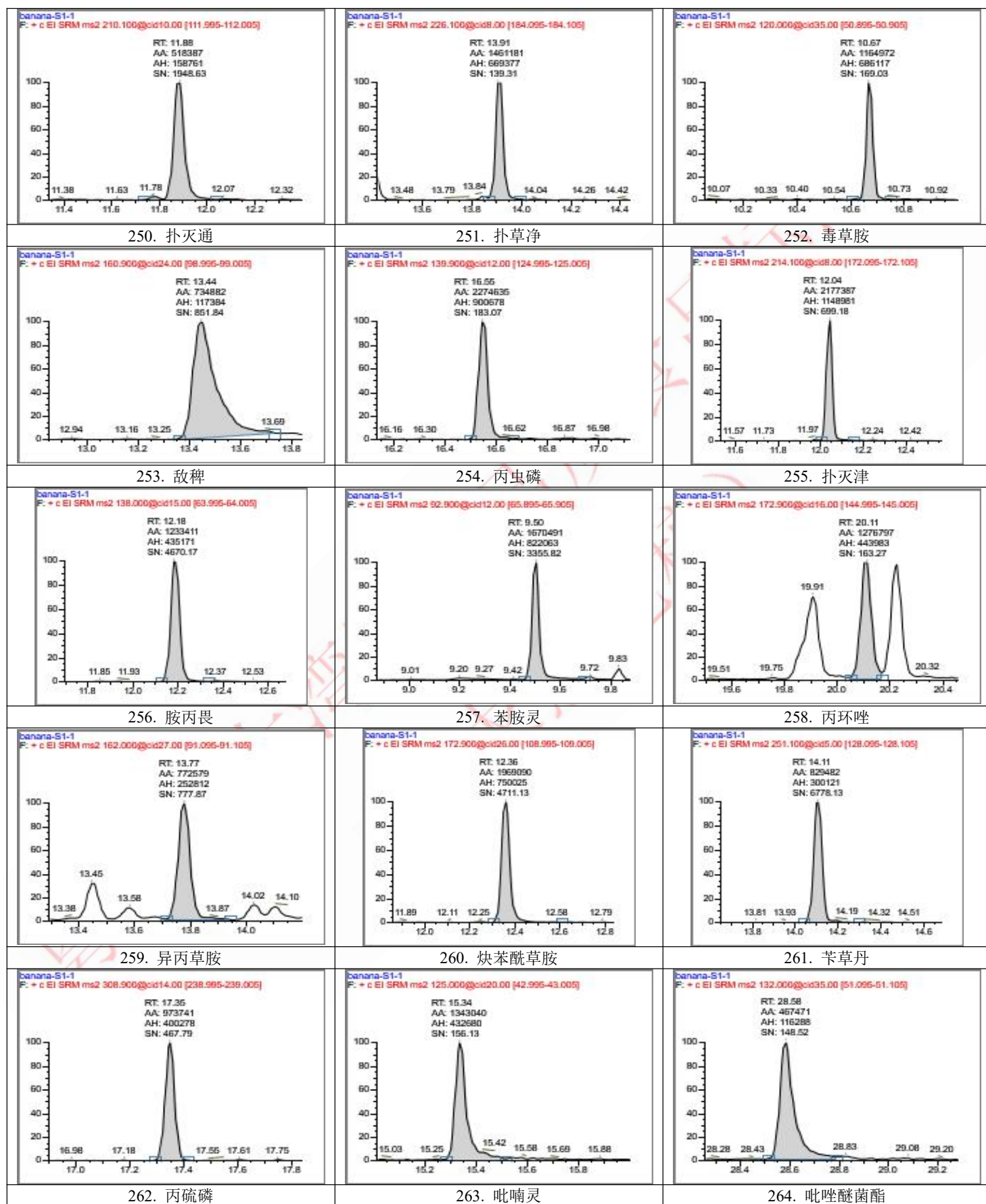
<p>172. 环嗪酮</p>	<p>173. 抑霉唑</p>	<p>174. 异稻瘟净</p>
<p>175. 缬霉威</p>	<p>176. 氯唑磷</p>	<p>177. 碳氯灵</p>
<p>178. 丁咪酰胺</p>	<p>179. 水胺硫磷</p>	<p>180. 异艾氏剂</p>
<p>181. 氧异柳磷</p>	<p>182. 异柳磷</p>	<p>183. 甲基异柳磷</p>
<p>184. 异丙乐灵</p>	<p>185. 稻瘟灵</p>	<p>186. 噁唑磷</p>
<p>187. 烯虫炔酯</p>	<p>188. 醚菌酯</p>	<p>189. 马拉氧磷</p>

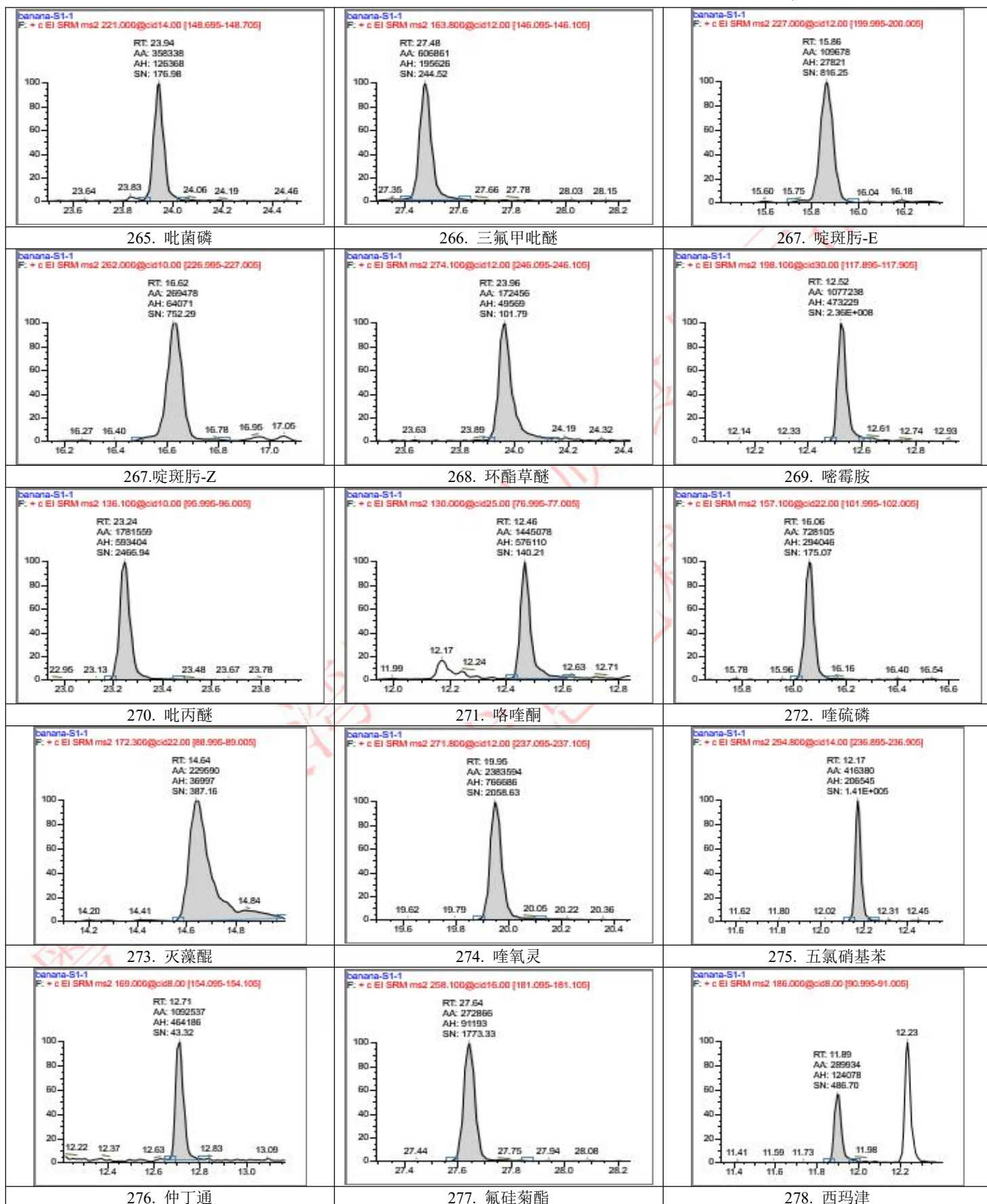


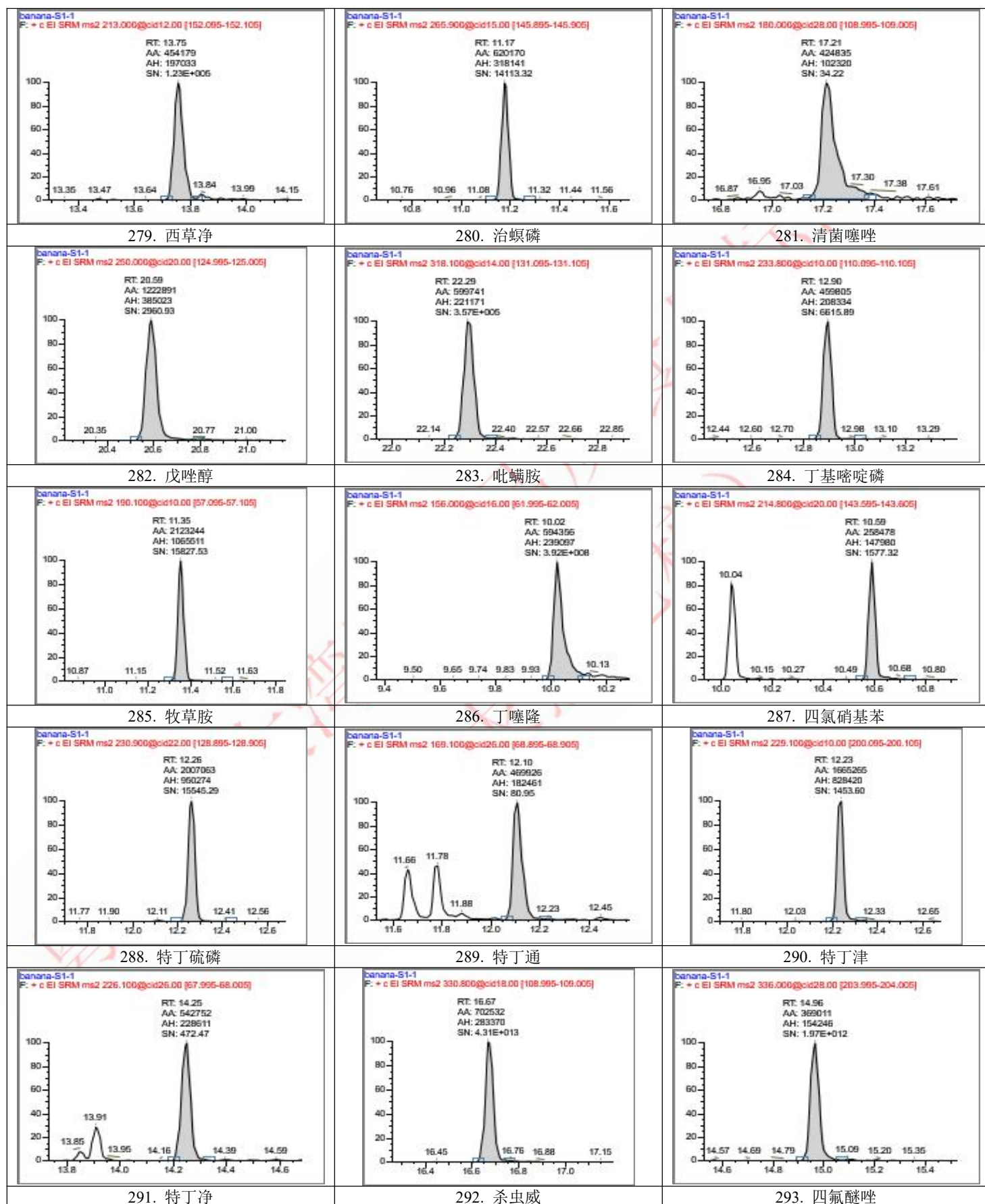
<p>202. 噻草酮</p> <p>RT: 10.17 AA: 1222903 AH: 784561 SN: 2429.26</p>	<p>203. 速灭磷</p> <p>RT: 13.13 AA: 582248 AH: 267548 SN: 63.87</p>	<p>204. 灭蚊灵</p> <p>RT: 11.11 AA: 2151450 AH: 705222 SN: 181.04</p>
<p>205. 禾草敌</p> <p>RT: 17.73 AA: 780321 AH: 293092 SN: 317.88</p>	<p>206. 庚酰草胺</p> <p>RT: 17.17 AA: 3059679 AH: 1193006 SN: 164.09</p>	<p>207. 久效磷</p> <p>RT: 18.36 AA: 345188 AH: 112664 SN: 1771.23</p>
<p>208. 腈菌唑</p> <p>RT: 19.89 AA: 503027 AH: 110054 SN: 20.64</p>	<p>209. 敌草胺</p> <p>RT: 20.50 AA: 1304221 AH: 472220 SN: 239.89</p>	<p>210. 除草醚</p> <p>RT: 19.48 AA: 1256424 AH: 454324 SN: 1323.49</p>
<p>211. 氟草敏</p> <p>RT: 10.66 AA: 1775030 AH: 388069 SN: 2432.14</p>	<p>212. 氟苯嘧啶醇</p> <p>RT: 17.63 AA: 925266 AH: 393682 SN: 218.90</p>	<p>213. 呋酰胺</p> <p>RT: 18.84 AA: 3540304 AH: 1276430 SN: 1221.71</p>
<p>214. 氧乐果</p> <p>RT: 20.86 AA: 83615 AH: 15402 SN: 253.74</p>	<p>215. 噁草酮</p> <p>RT: 16.72 AA: 2582643 AH: 632879 SN: 9455.36</p>	<p>216. 噁霜灵</p> <p>RT: 13.93 AA: 248913 AH: 105791 SN: 5.95E+007</p>
<p>217. 氧化萎锈灵</p>	<p>218. 多效唑</p>	<p>219. 对氧磷</p>

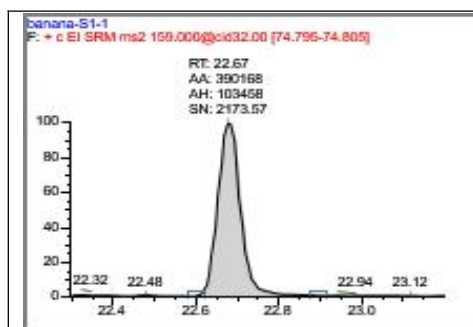




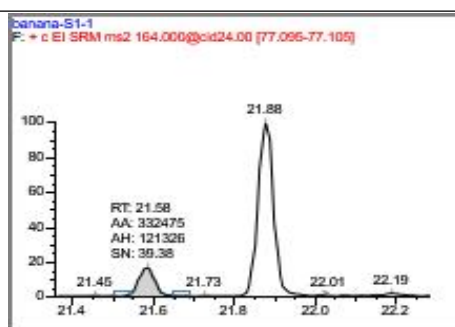




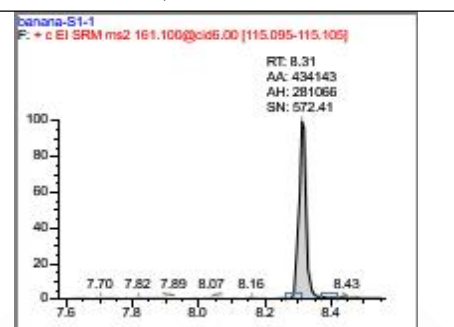




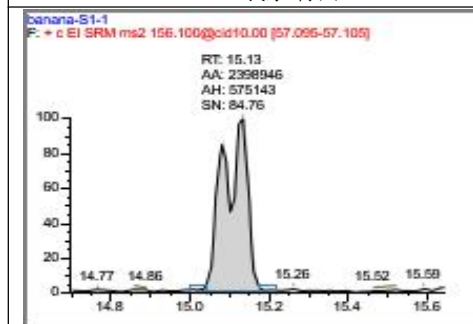
294. 三氯杀螨砜



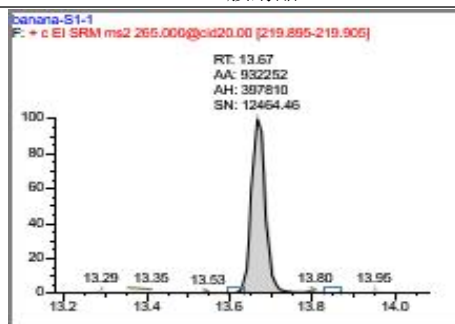
295. 胺菊酯



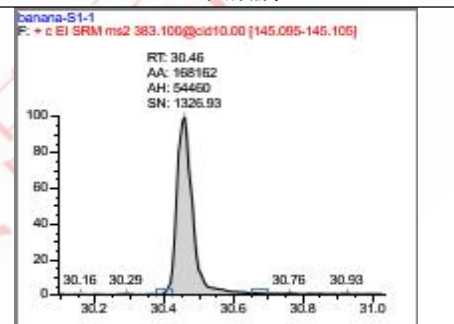
296. 久效威



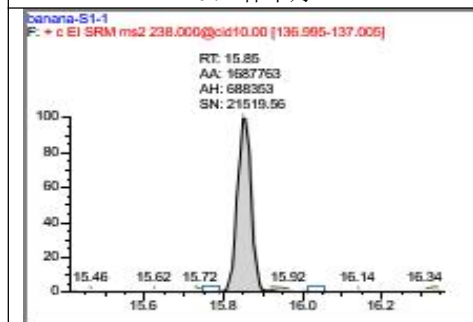
297. 仲草丹



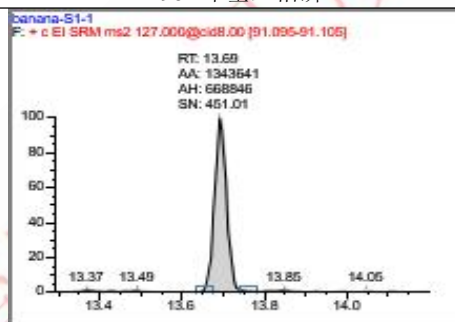
298. 甲基立枯磷



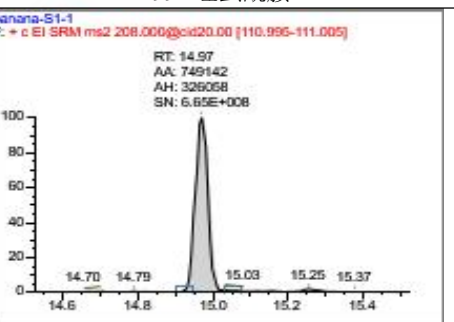
299. 唑虫酰胺



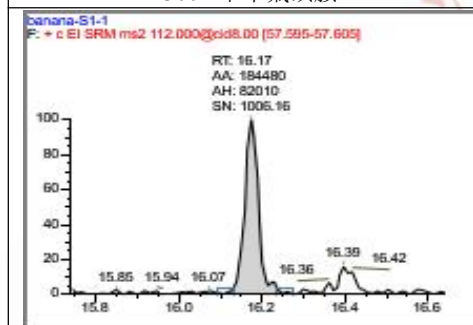
300. 甲苯氟磺胺



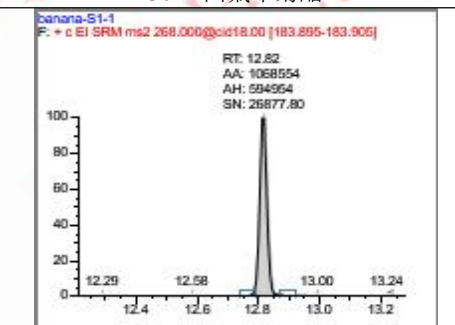
301. 四氟苯菊酯



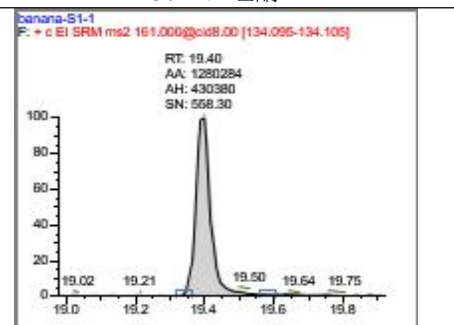
302. 三唑酮



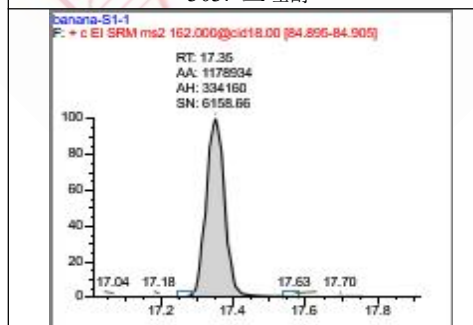
303. 三唑醇



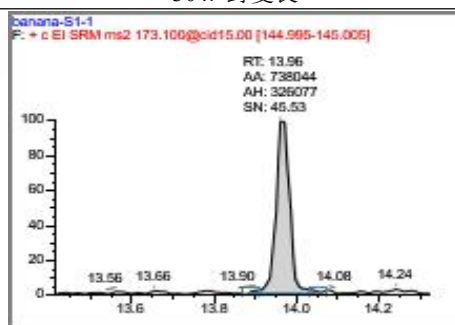
304. 野麦畏



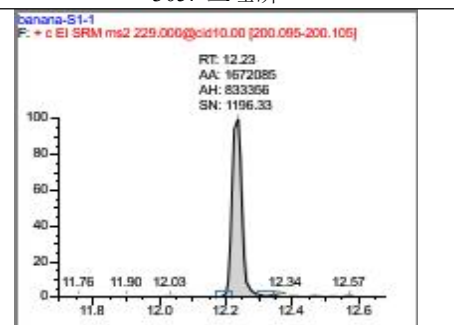
305. 三唑磷



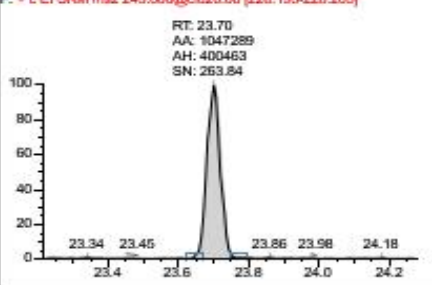
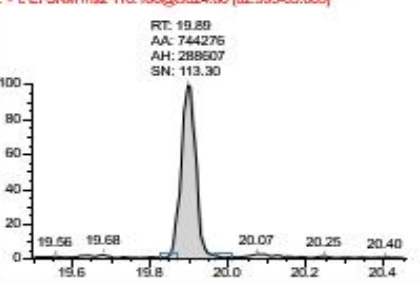
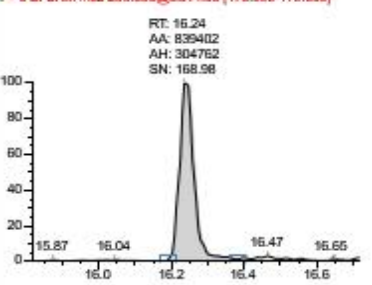
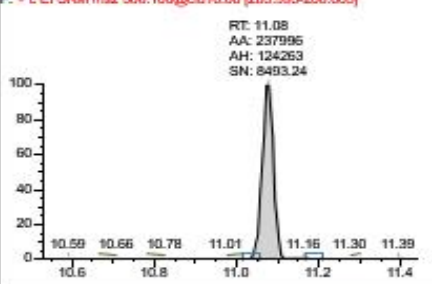
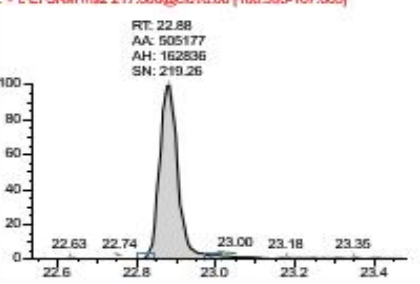
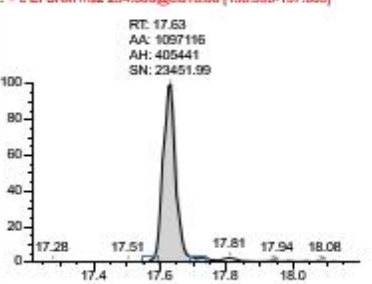
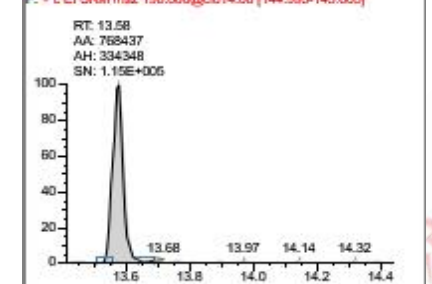
306. 三环唑



307. 灭草环



308. 草达津

<p>banana-S1-1 F: + c EI SRM ms2 243.000@cid20.00 [228.195-229.205]</p>  <p>RT: 23.70 AA: 1047289 AH: 400463 SN: 263.84</p>	<p>banana-S1-1 F: + c EI SRM ms2 116.100@cid24.00 [62.995-63.005]</p>  <p>RT: 19.89 AA: 744276 AH: 288607 SN: 113.30</p>	<p>banana-S1-1 F: + c EI SRM ms2 206.000@cid14.00 [178.995-179.005]</p>  <p>RT: 16.24 AA: 839402 AH: 304762 SN: 168.98</p>
<p>banana-S1-1 F: + c EI SRM ms2 306.100@cid10.00 [205.995-206.005]</p>  <p>RT: 11.08 AA: 237995 AH: 124263 SN: 8493.24</p>	<p>banana-S1-1 F: + c EI SRM ms2 217.000@cid18.00 [166.995-167.005]</p>  <p>RT: 22.88 AA: 605177 AH: 162836 SN: 219.26</p>	<p>banana-S1-1 F: + c EI SRM ms2 234.000@cid16.00 [136.995-137.005]</p>  <p>RT: 17.63 AA: 1097116 AH: 405441 SN: 23451.99</p>
<p>banana-S1-1 F: + c EI SRM ms2 198.000@cid14.00 [144.995-145.005]</p>  <p>RT: 13.68 AA: 768437 AH: 334348 SN: 1.15E+006</p>		