

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
 Data File : BM019140.D  
 Acq On : 13 Mar 2019 09:40  
 Operator : JU/SJ  
 Sample : K1824-19  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P-4

Quant Time: Mar 13 14:15:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 17:30:46 2019  
 Response via : Initial Calibration

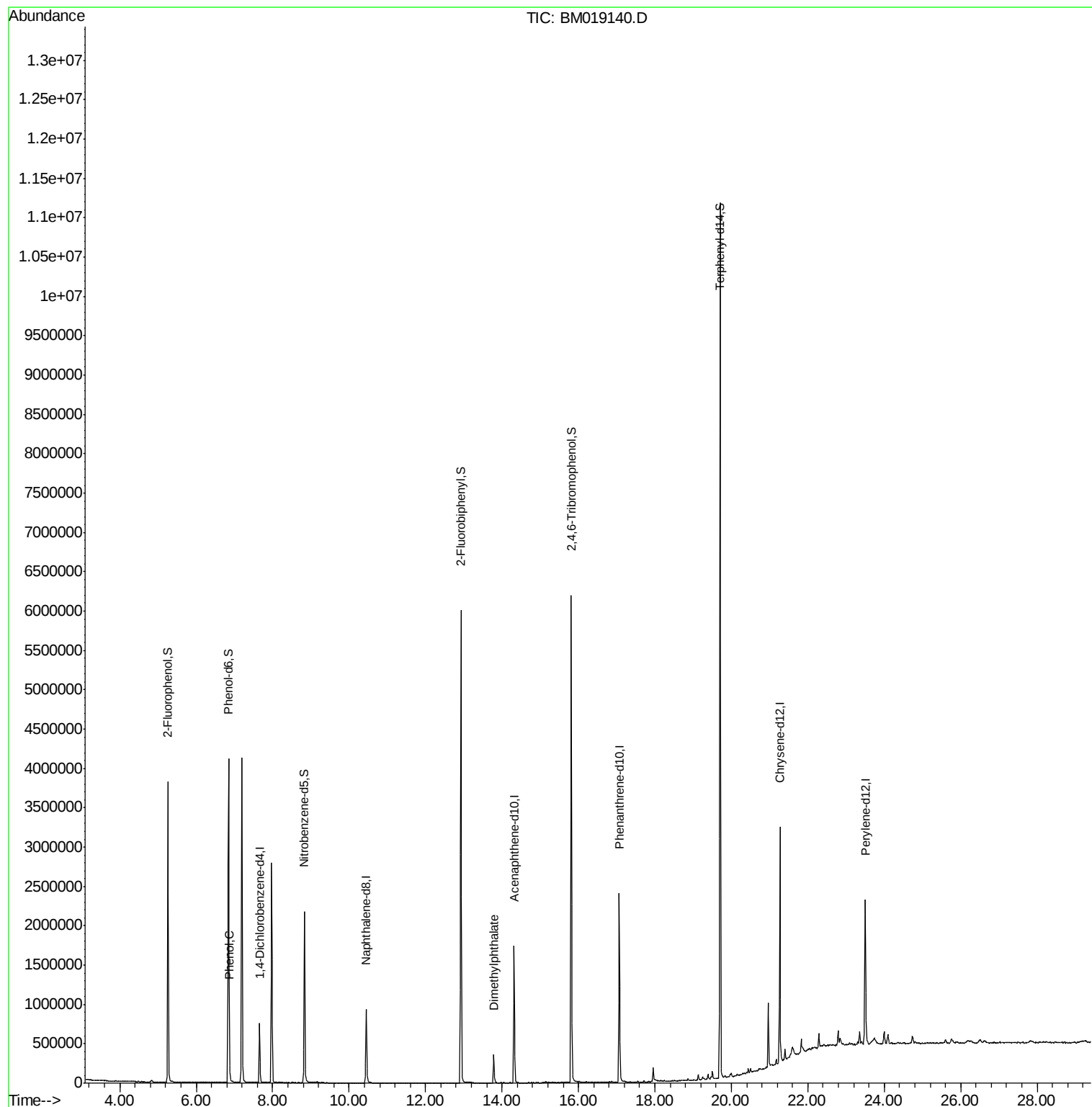
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 197539   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.45 | 136  | 822530   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.32 | 164  | 553152   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.07 | 188  | 1350559  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.27 | 240  | 1394055  | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.50 | 264  | 1274059  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.26  | 112  | 1616758  | 132.55 | ng    | 0.00     |
| 7) Phenol-d6                | 6.85  | 99   | 2408122  | 134.97 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 1438395  | 82.66  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 1164350  | 142.57 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 2848115  | 66.97  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.70 | 244  | 5140244  | 73.20  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.87  | 94   | 73014    | 3.797  | ng    | 88       |
| 50) Dimethylphthalate       | 13.79 | 163  | 252733   | 5.341  | ng    | 99       |

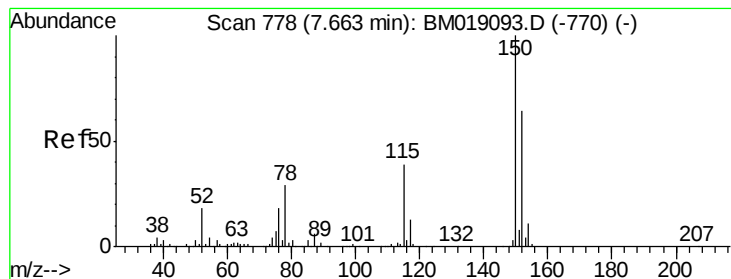
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
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Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
P-4

Quant Time: Mar 13 14:15:55 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 11 17:30:46 2019  
Response via : Initial Calibration



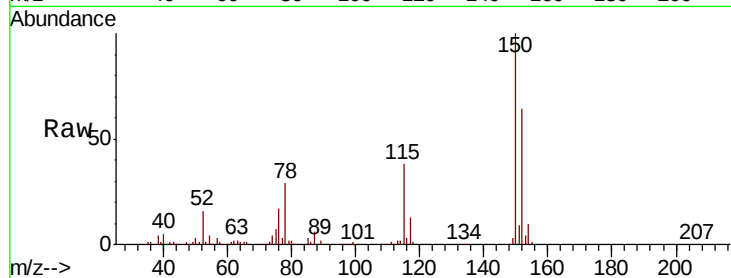


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

Instrument :  
BNA\_M  
ClientSampled :  
P-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.3 | 125.3 | 187.9 |
| 115     | 59.8  | 49.4  | 74.0  |

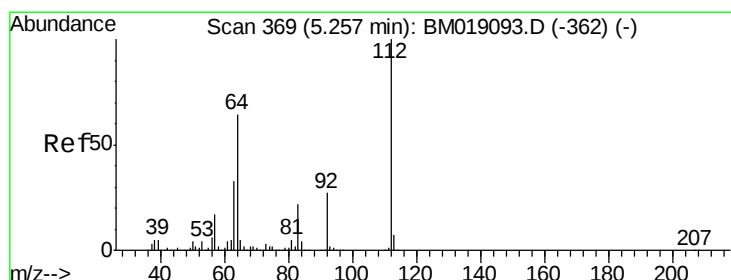
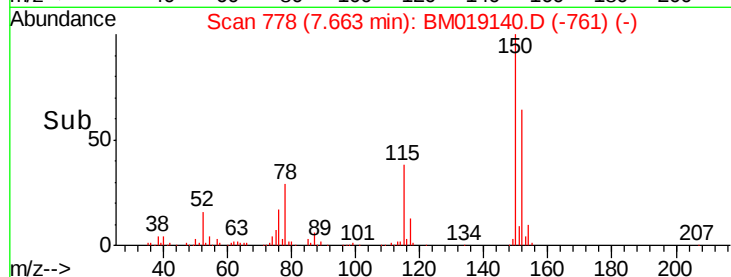
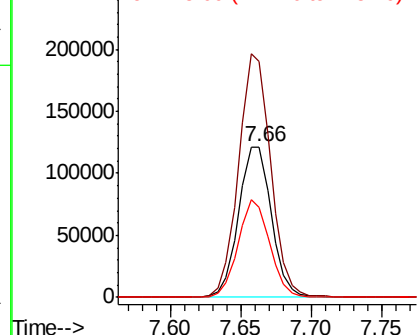


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

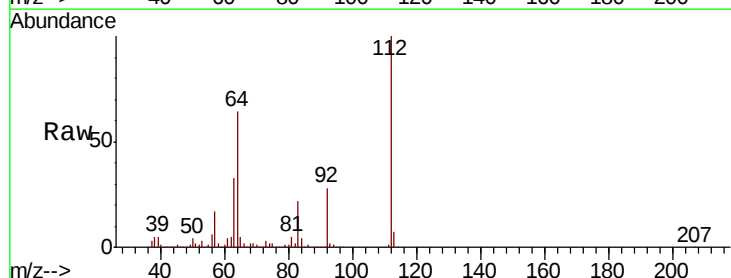
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 132.546 ng  
RT: 5.26 min Scan# 369  
Delta R.T. 0.00 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.0  | 51.4  | 77.0  |
| 63      | 32.7  | 26.6  | 40.0  |

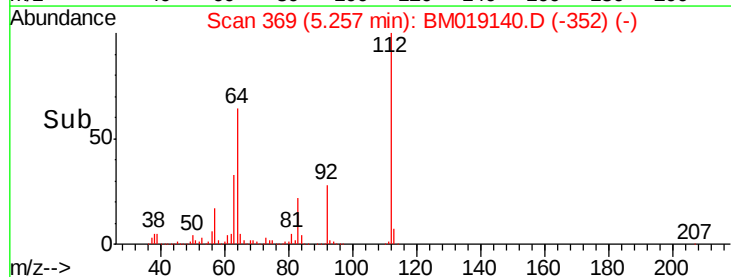
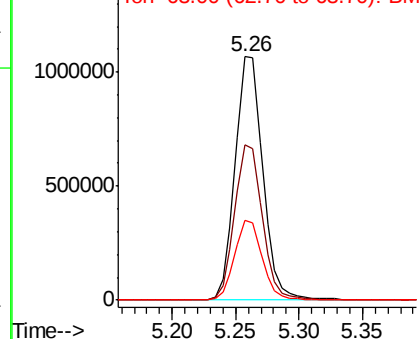


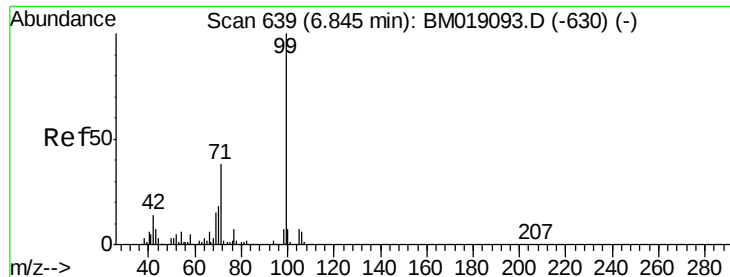
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 134.972 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

Instrument :

BNA\_M

ClientSampleId :

P-4

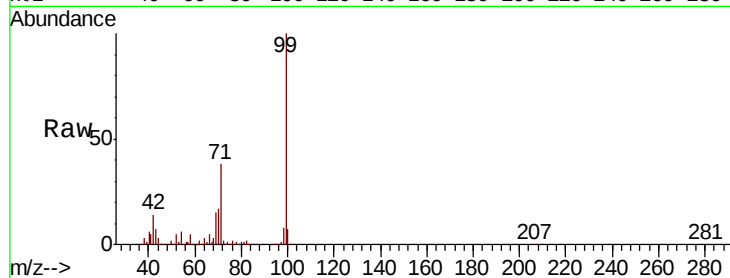
Tot Ion: 99 Resp: 2408122

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

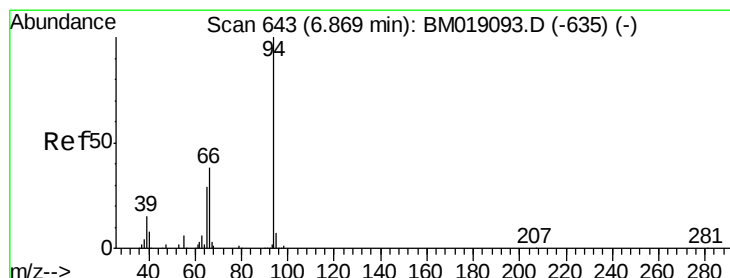
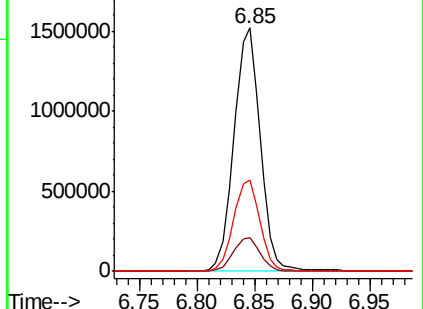
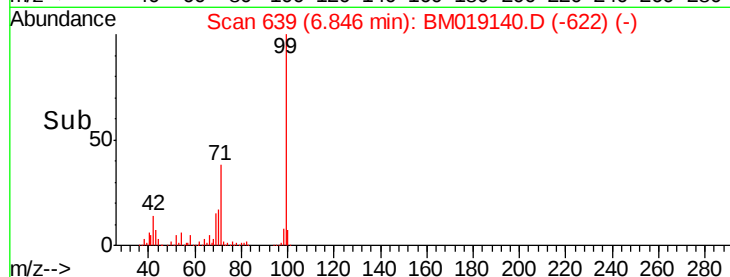
71 37.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019140.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019140.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019140.D (-622) (-)



#10

Phenol

Concen: 3.797 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

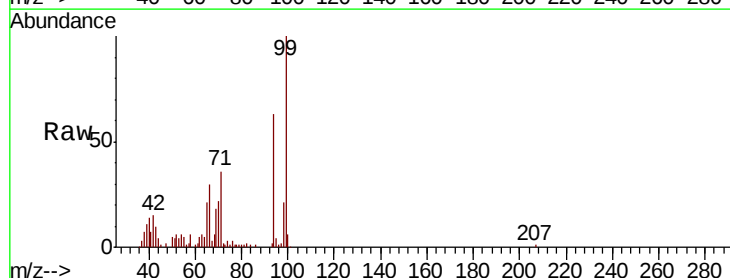
Tgt Ion: 94 Resp: 73014

Ion Ratio Lower Upper

94 100

65 34.0 9.7 49.7

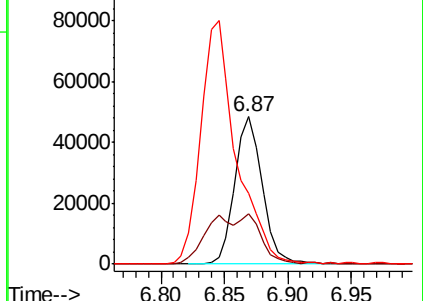
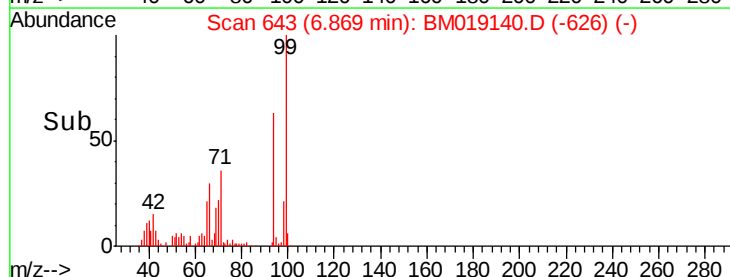
66 48.2 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019140.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019140.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019140.D (-626) (-)

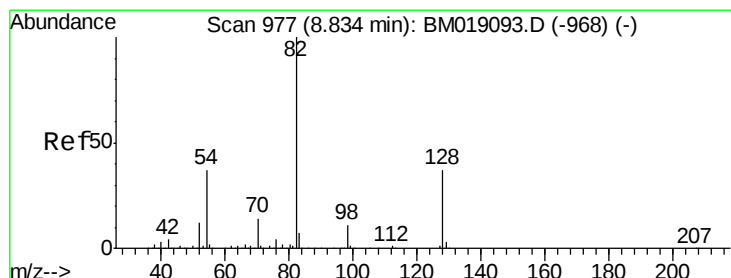
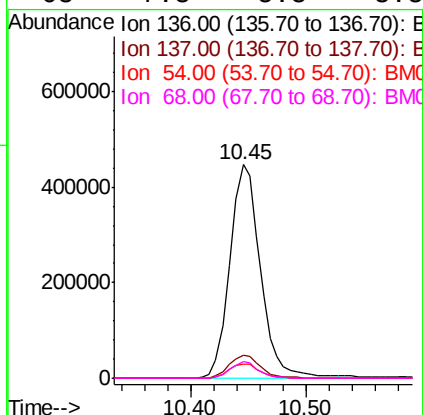
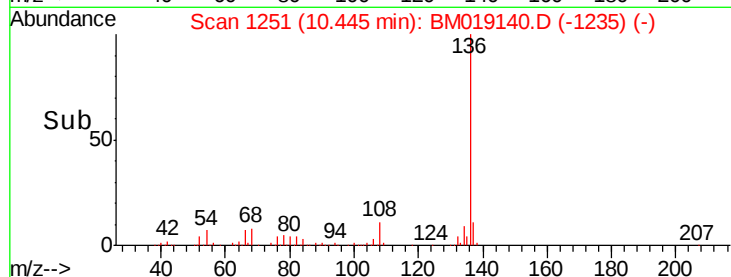
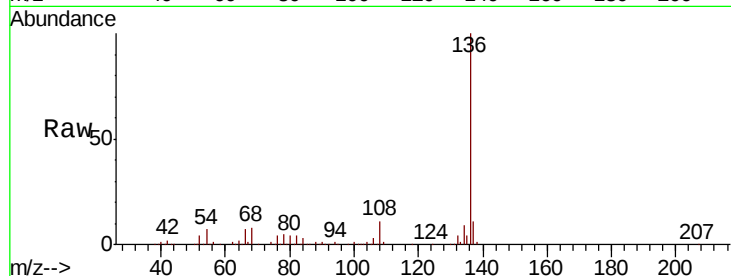




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.45 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

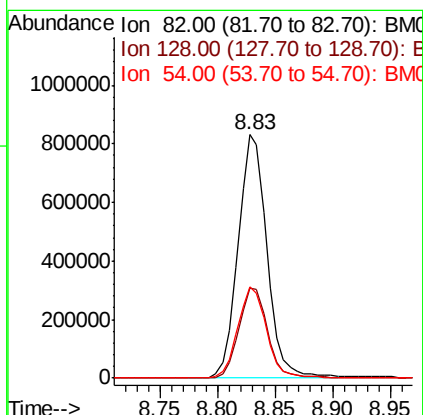
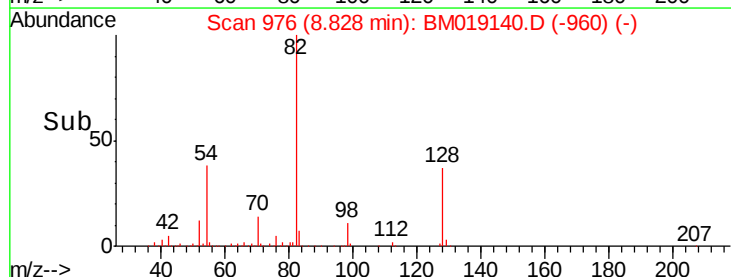
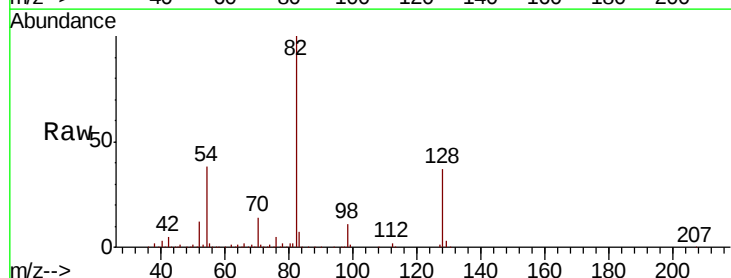
Instrument :  
BNA\_M  
ClientSampleId :  
P-4

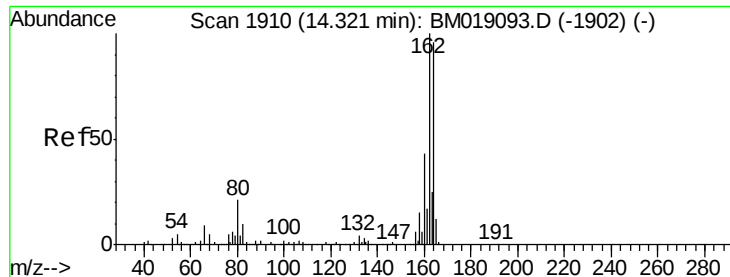
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 822530 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.0    | 8.6   | 13.0   |  |
| 54 6.9      | 5.2   | 7.8    |  |
| 68 7.8      | 5.8   | 8.8    |  |



#23  
Nitrobenzene-d5  
Concen: 82.663 ng  
RT: 8.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 82 | Resp: 1438395 |       |
| Ion | Ratio   | Lower         | Upper |
| 82  | 100     |               |       |
| 128 | 37.2    | 29.4          | 44.2  |
| 54  | 37.6    | 29.9          | 44.9  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

Instrument :

BNA\_M

ClientSampleId :

P-4

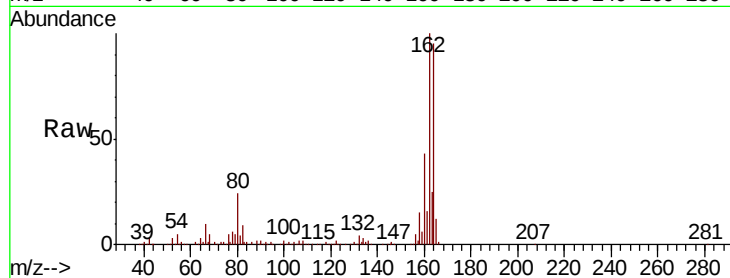
Tot Ion:164 Resp: 553152

Ion Ratio Lower Upper

164 100

162 105.6 83.5 125.3

160 45.9 36.3 54.5

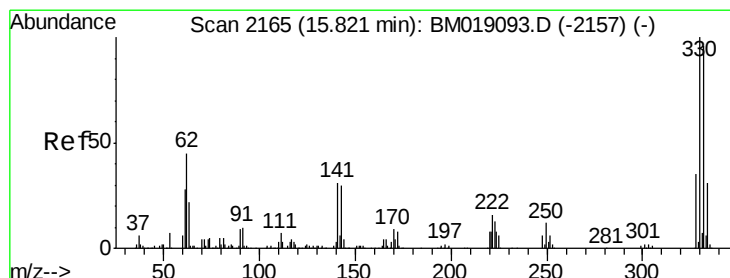
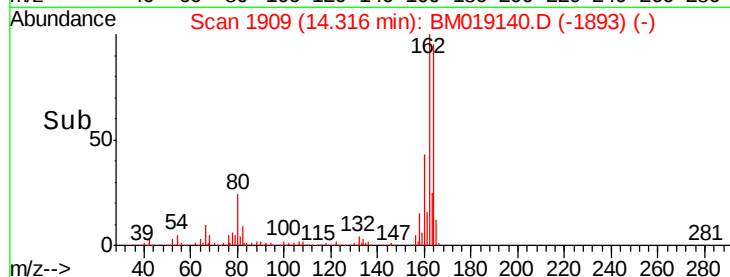
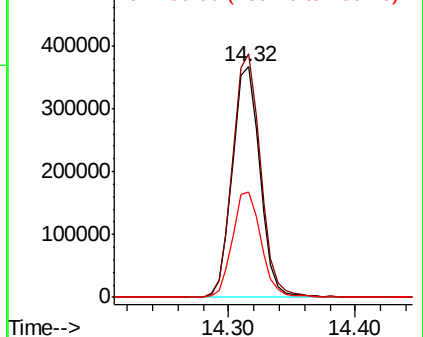


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 142.566 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

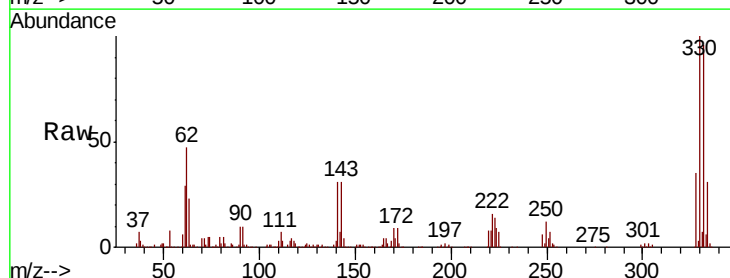
Tgt Ion:330 Resp: 1164350

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 33.6 27.0 40.4

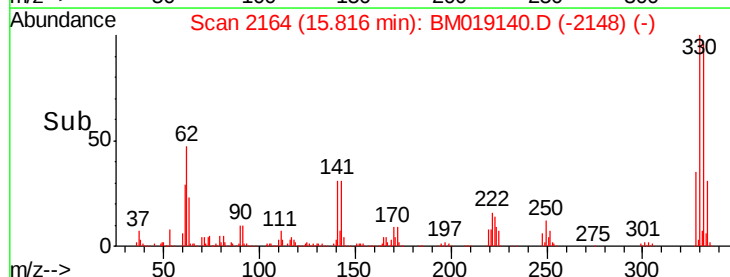
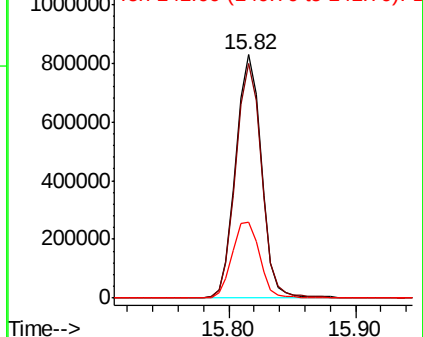


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

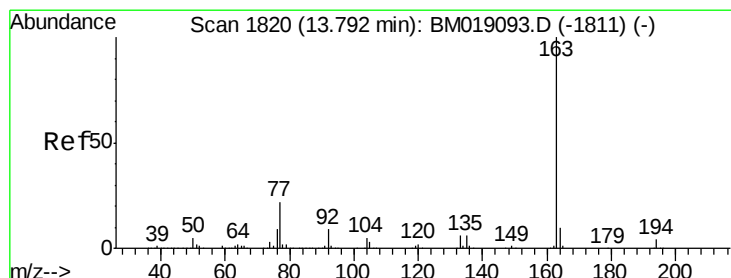
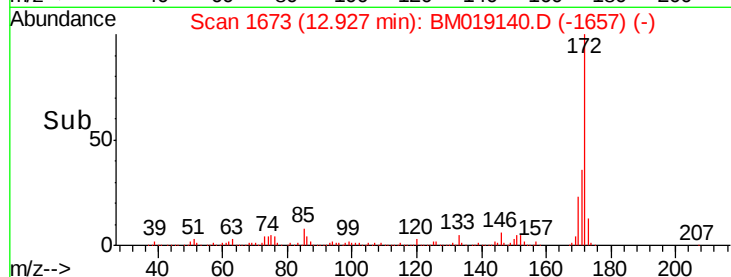
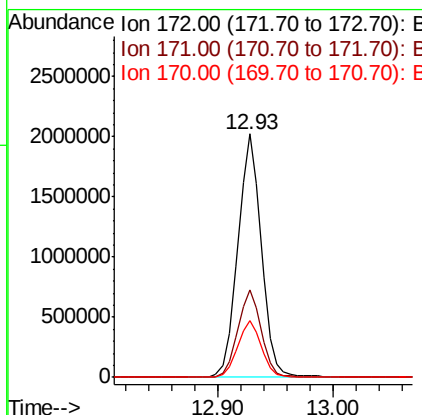
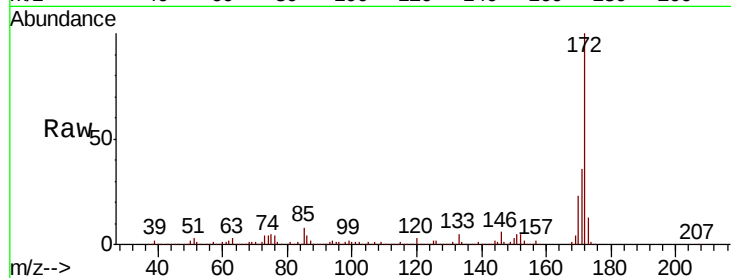




#45  
2-Fluorobiphenyl  
Concen: 66.975 ng  
RT: 12.93 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

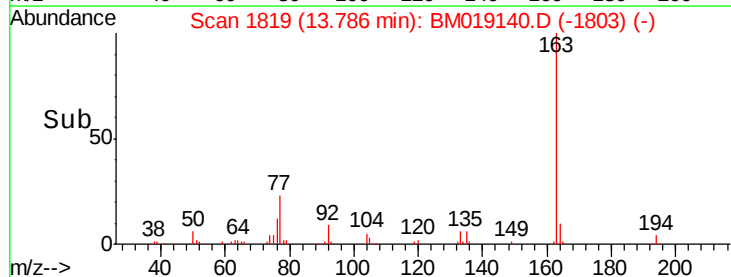
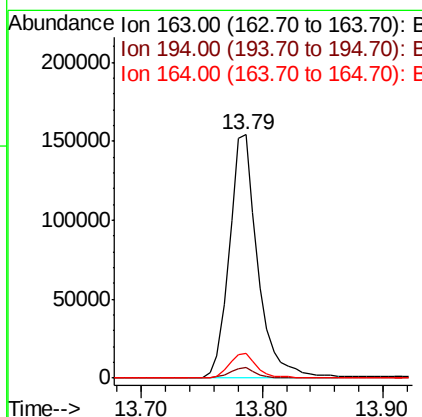
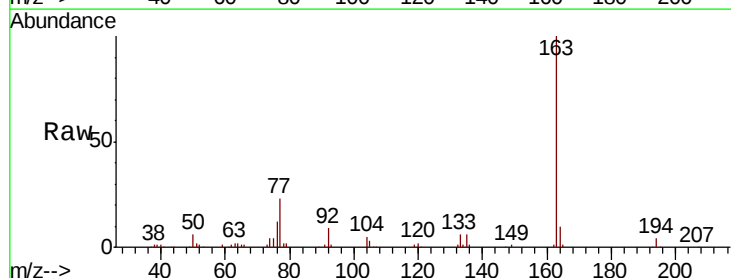
Instrument :  
BNA\_M  
ClientSampled :  
P-4

Tot Ion:172 Resp: 2848115  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 42.8  
170 23.5 18.6 28.0



#50  
Dimethylphthalate  
Concen: 5.341 ng  
RT: 13.79 min Scan# 1819  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

Tgt Ion:163 Resp: 252733  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.0 7.7 11.5

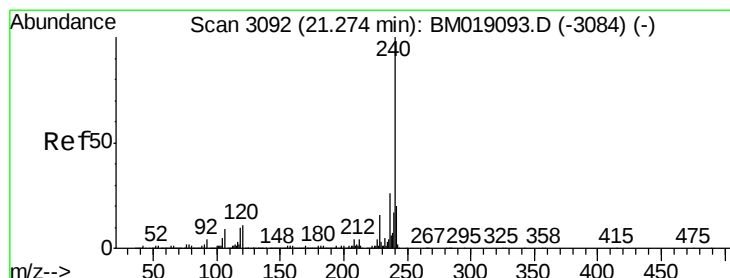
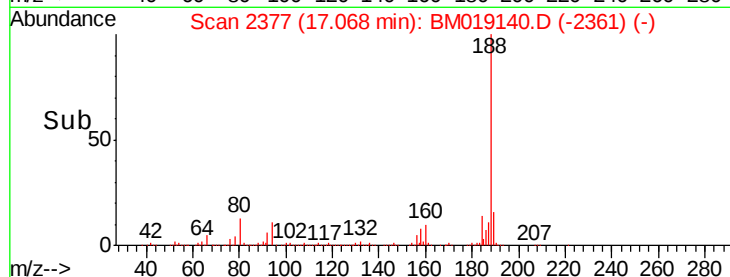
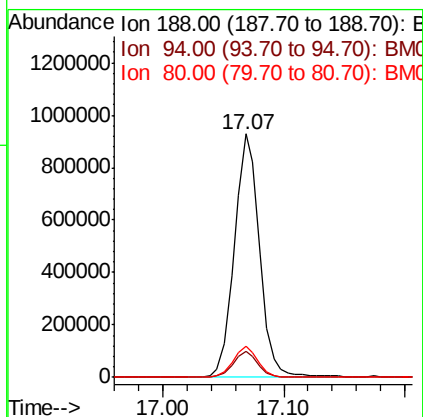
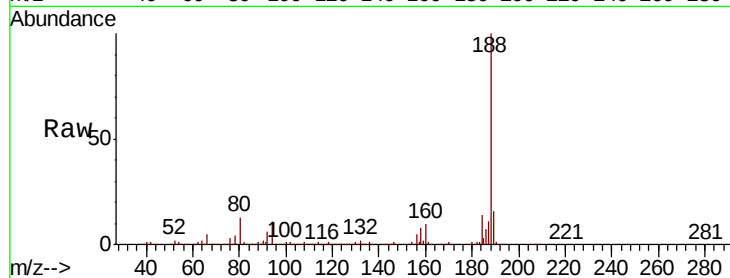




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.07 min Scan# 2377  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

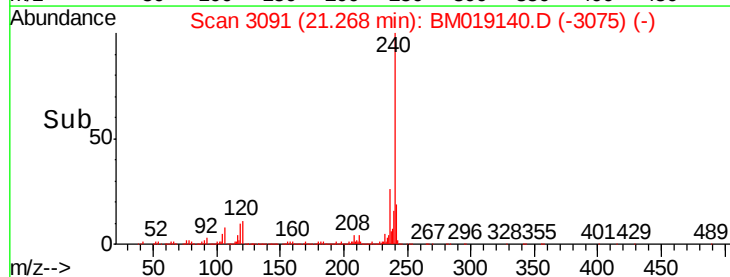
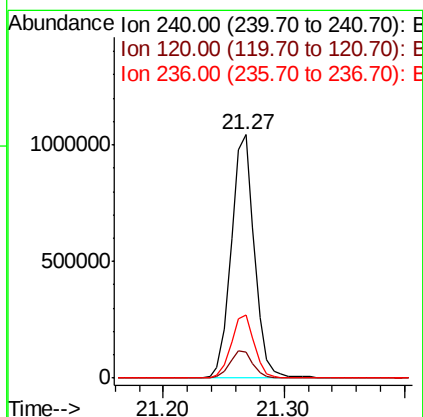
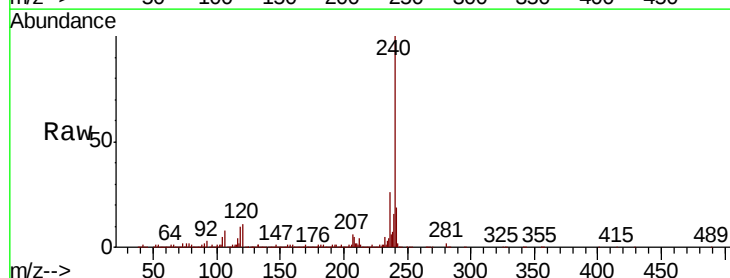
Instrument :  
BNA\_M  
ClientSampleId :  
P-4

Tot Ion:188 Resp: 1350559  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.1 12.1  
80 12.9 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.27 min Scan# 3091  
Delta R.T. -0.01 min  
Lab File: BM019140.D  
Acq: 13 Mar 2019 09:40

Tgt Ion:240 Resp: 1394055  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.9 13.3  
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 73.200 ng

RT: 19.70 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

Instrument :

BNA\_M

ClientSampled :

P-4

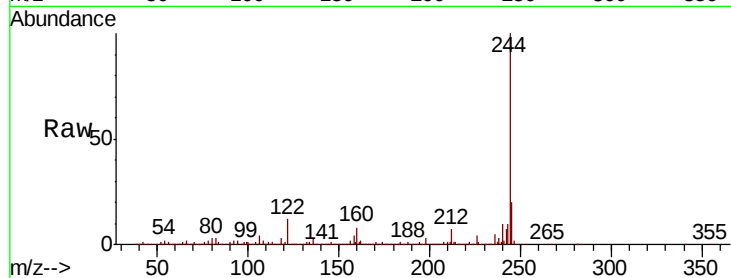
Tot Ion:244 Resp: 5140244

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

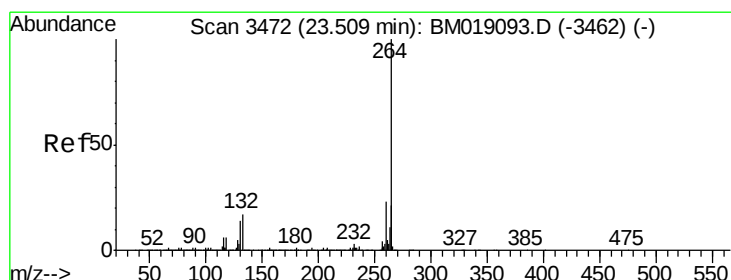
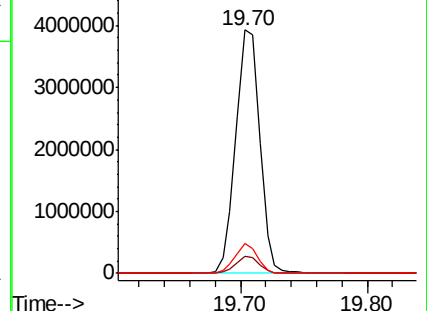
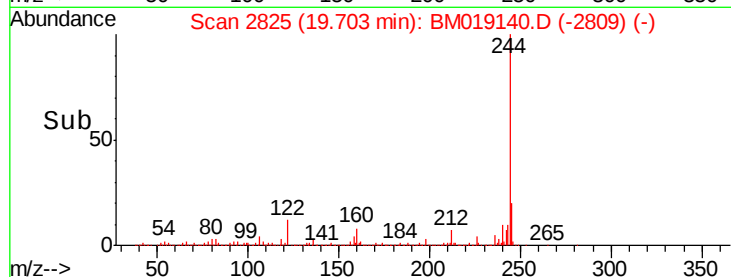
122 12.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019140.D

Acq: 13 Mar 2019 09:40

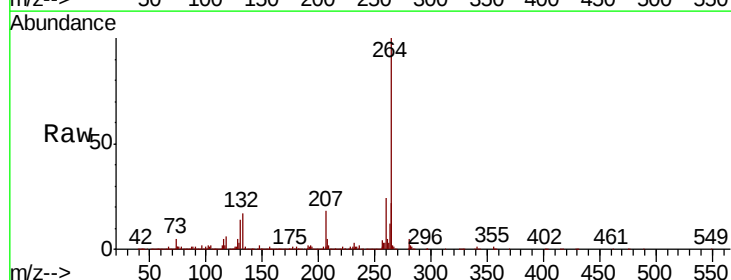
Tgt Ion:264 Resp: 1274059

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

