

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\  
 Data File : BM016282.D  
 Acq On : 09 Aug 2018 15:27  
 Operator : SJ/JU  
 Sample : J4356-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-39

Quant Time: Aug 10 05:35:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 16:23:37 2018  
 Response via : Initial Calibration

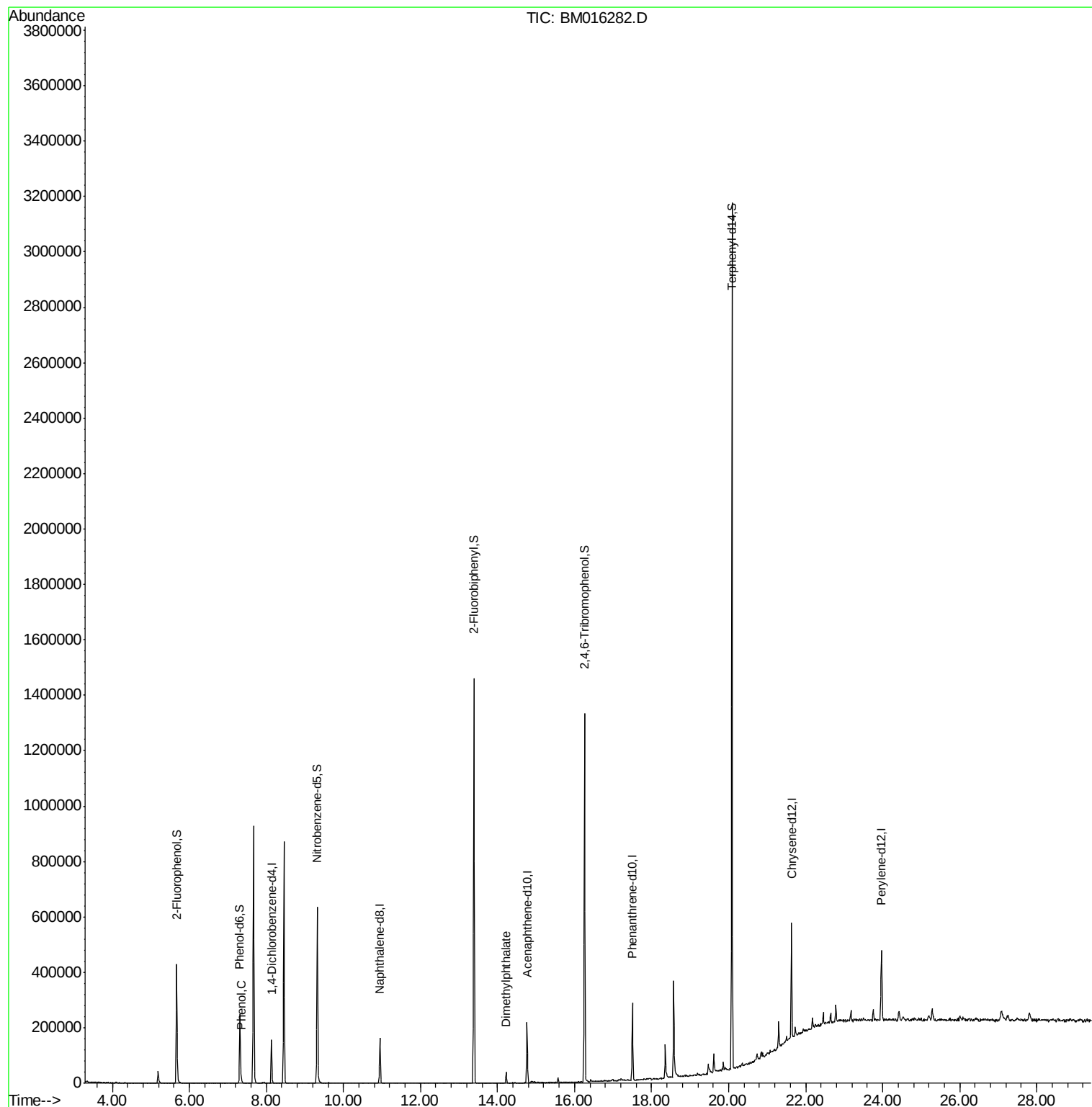
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.13  | 152  | 33400    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.95 | 136  | 115407   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.77 | 164  | 58461    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.50 | 188  | 128338   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.63 | 240  | 148690   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.97 | 264  | 161218   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.67  | 112  | 145032   | 72.13  | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 104733   | 39.89  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 304395   | 122.68 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.26 | 330  | 133543   | 180.10 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.39 | 172  | 571345   | 118.91 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.09 | 244  | 991061   | 139.52 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.35  | 94   | 5503     | 2.096  | ng    | 85       |
| 49) Dimethylphthalate       | 14.22 | 163  | 22553    | 4.408  | ng    | 99       |

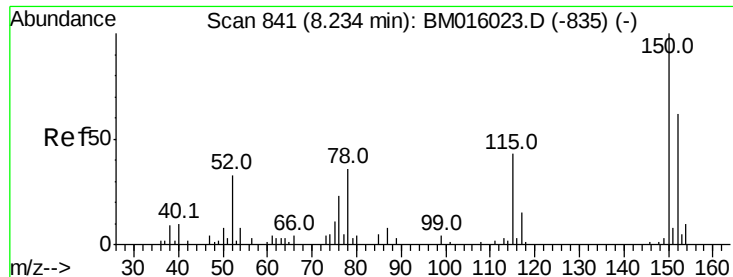
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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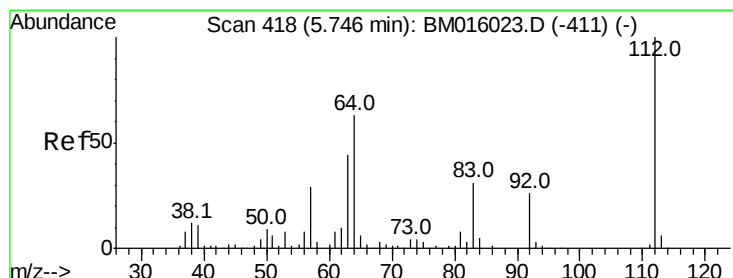
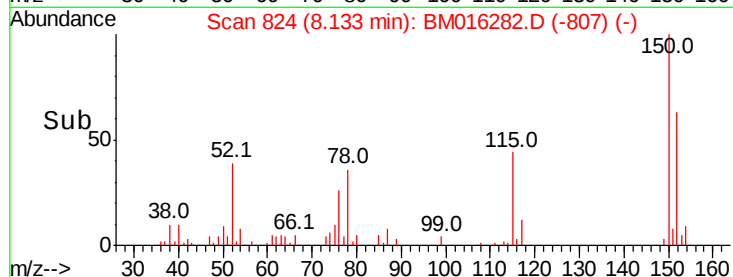
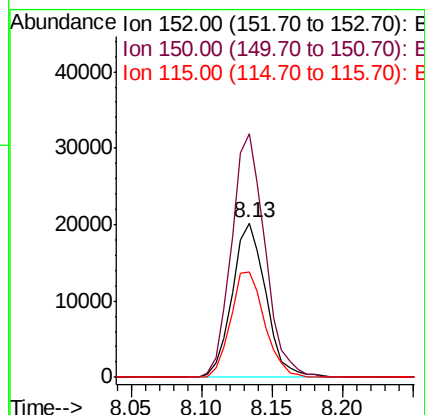
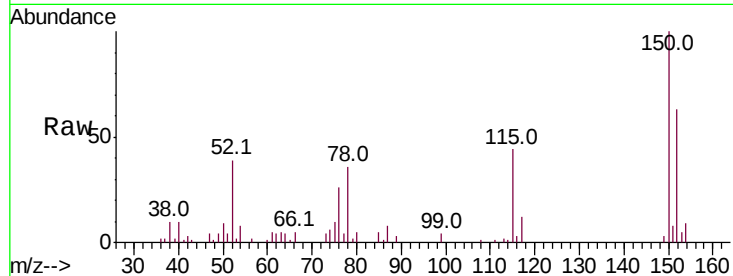


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

Instrument :  
 BNA\_M  
 ClientSampled :  
 MW-39

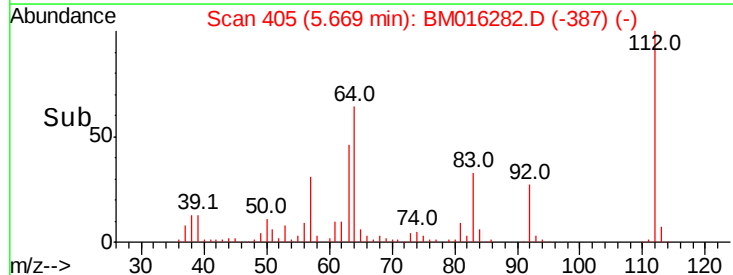
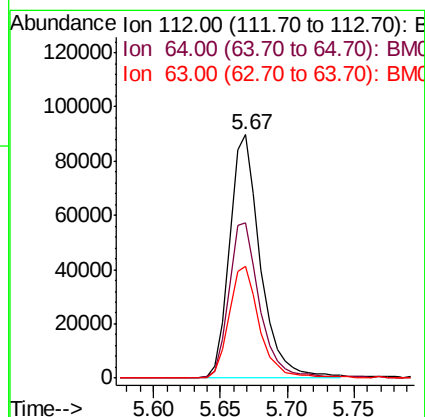
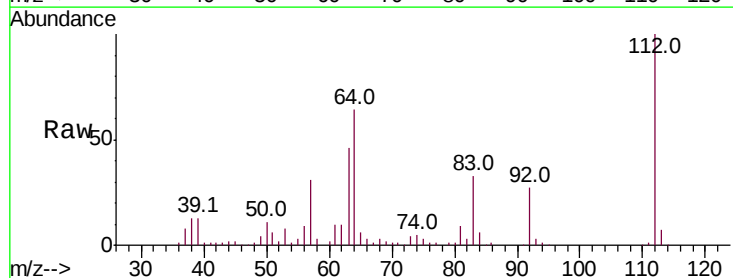
Tot Ion:152 Resp: 33400  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 119.5 179.3  
 115 68.5 43.0 64.4#

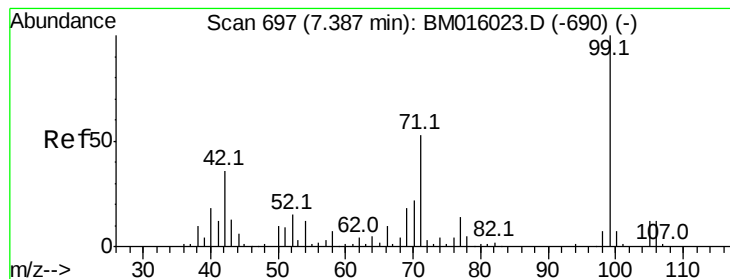


#5

2-Fluorophenol  
 Concen: N.D. ng  
 RT: 5.67 min Scan# 405  
 Delta R.T. 0.01 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

Tgt Ion:112 Resp: 145032  
 Ion Ratio Lower Upper  
 112 100  
 64 63.6 38.6 57.8#  
 63 46.1 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampled :

MW-39

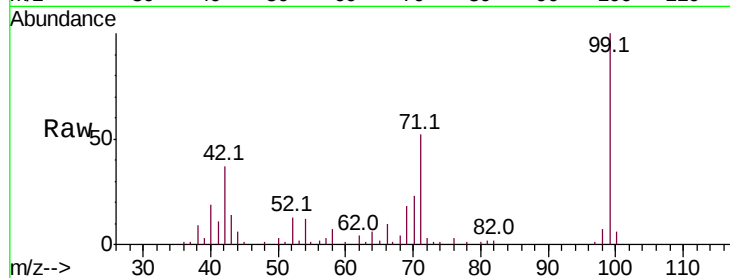
Tot Ion: 99 Resp: 104733

Ion Ratio Lower Upper

99 100

42 37.1 11.0 16.4#

71 51.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016282.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016282.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016282.D (-690) (-)

7.31

60000

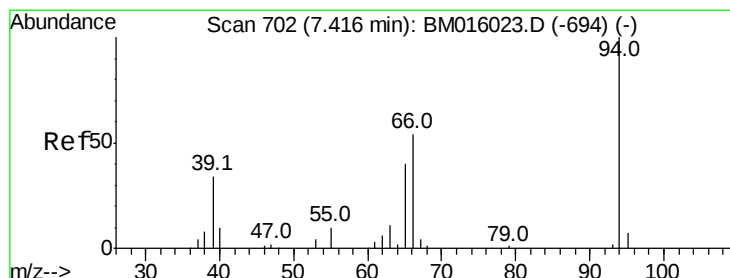
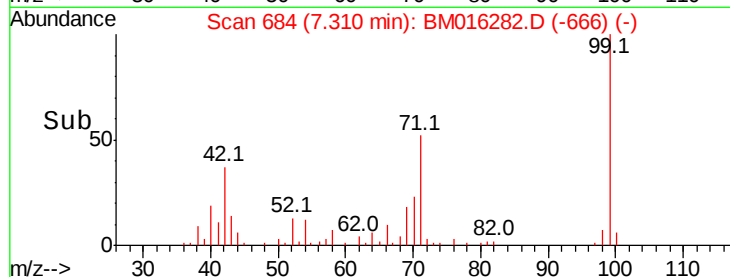
40000

20000

0

7.25 7.30 7.35 7.40

Time-->



#10

Phenol

Concen: 2.096 ng

RT: 7.35 min Scan# 690

Delta R.T. 0.02 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

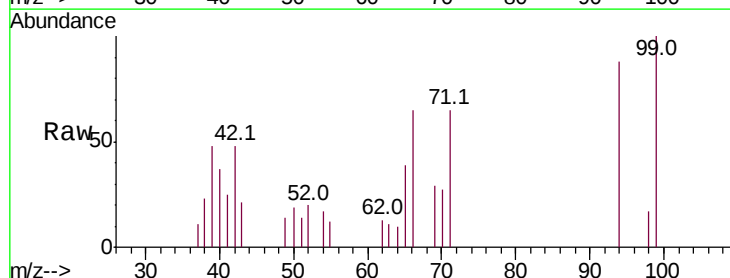
Tgt Ion: 94 Resp: 5503

Ion Ratio Lower Upper

94 100

65 43.9 18.8 58.8

66 74.2 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016282.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM016282.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM016282.D (-670) (-)

8000

6000

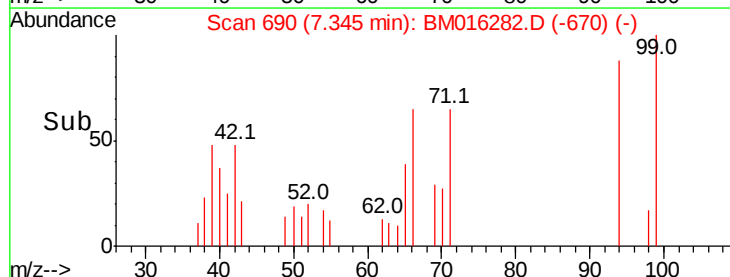
4000

2000

0

7.30 7.35 7.40

Time-->

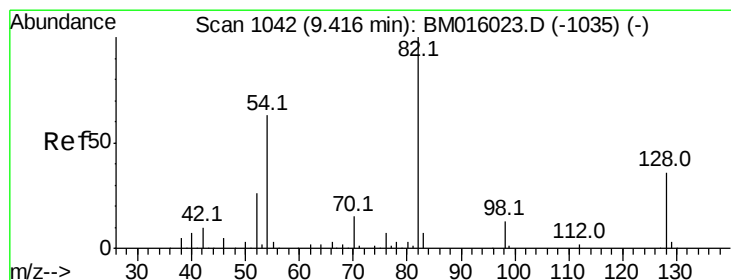
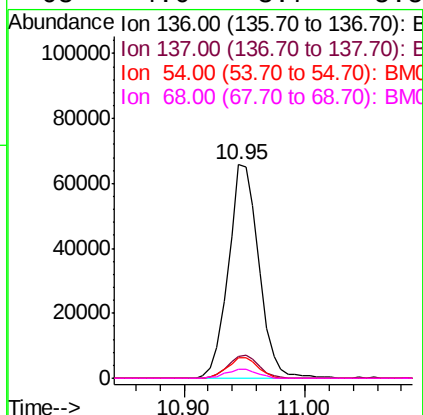
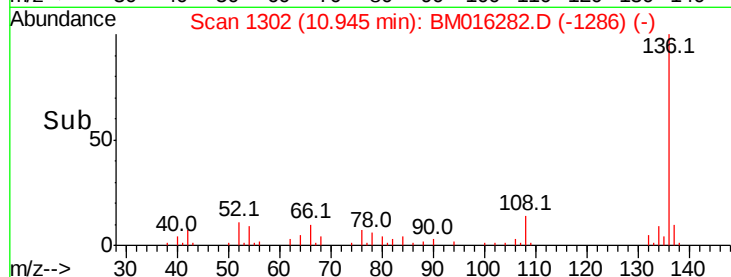
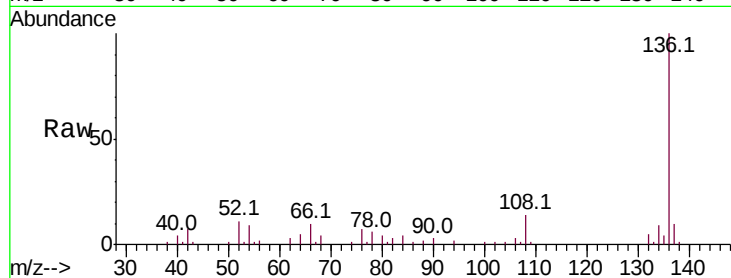




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

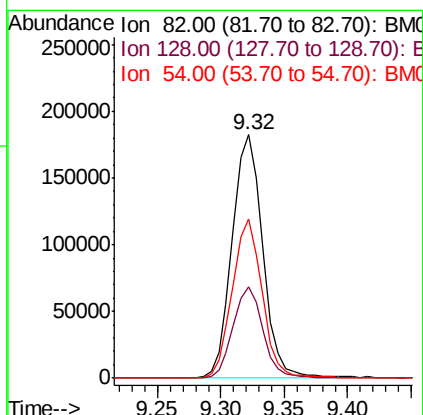
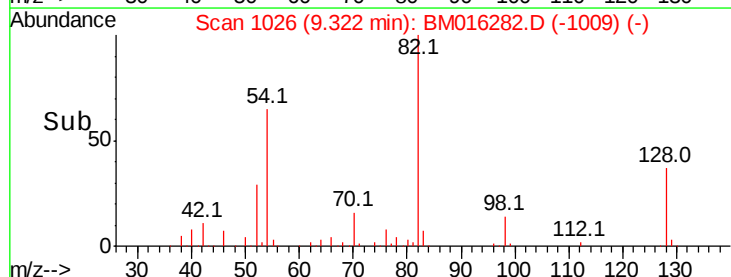
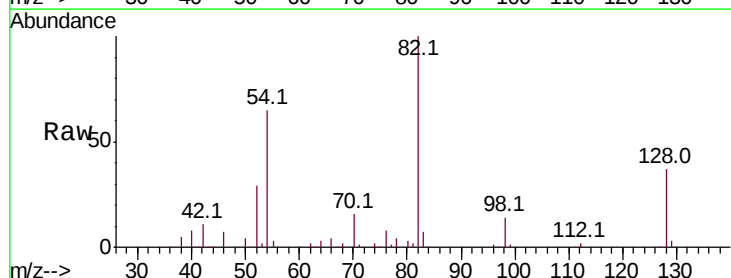
Instrument :  
BNA\_M  
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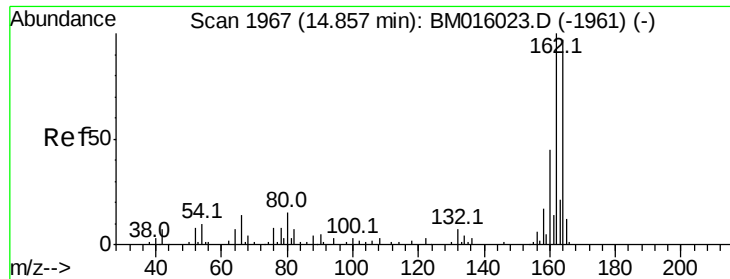
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 115407   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.0  | 8.7 13.1 |
| 54          | 9.5   | 4.6 6.8# |
| 68          | 4.0   | 3.7 5.5  |



#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.32 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 304395     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 37.3  | 32.8 49.2  |
| 54          | 65.1  | 40.6 60.8# |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampleId :

MW-39

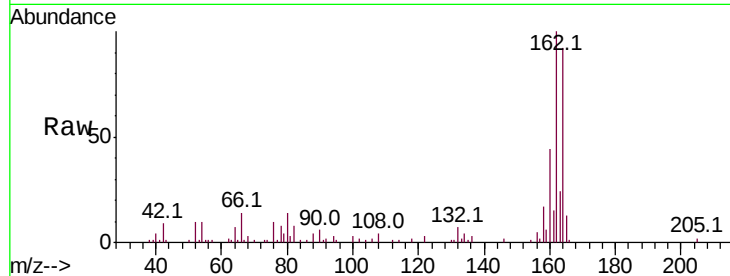
Tot Ion:164 Resp: 58461

Ion Ratio Lower Upper

164 100

162 108.6 82.4 123.6

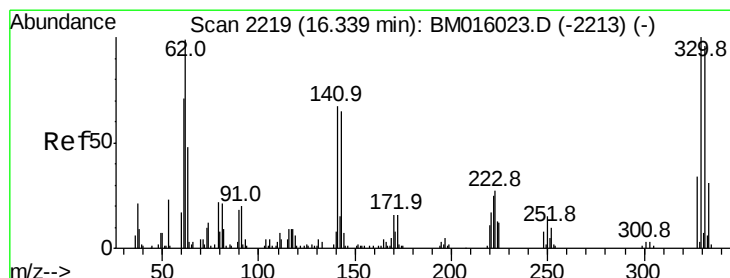
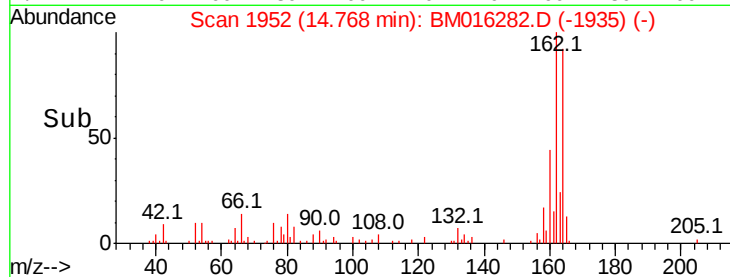
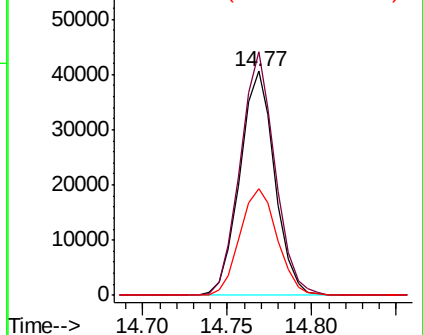
160 47.7 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.26 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

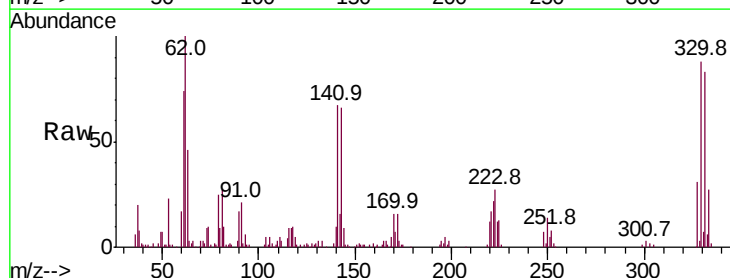
Tgt Ion:330 Resp: 133543

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

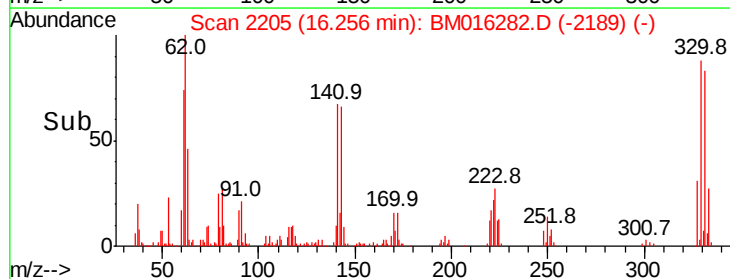
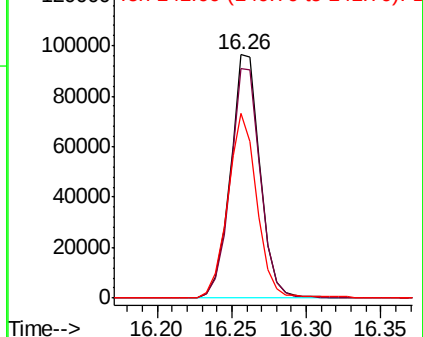
141 75.0 0.0 0.0#



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

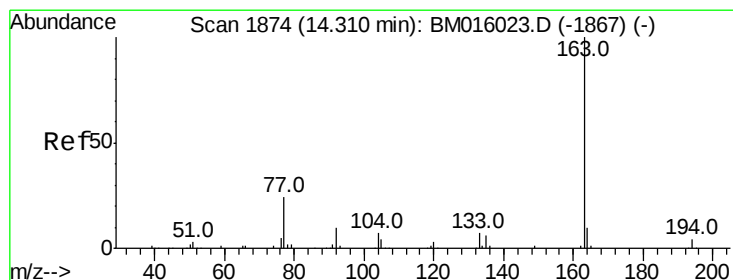
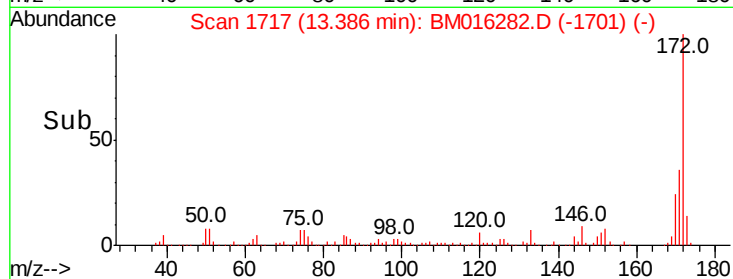
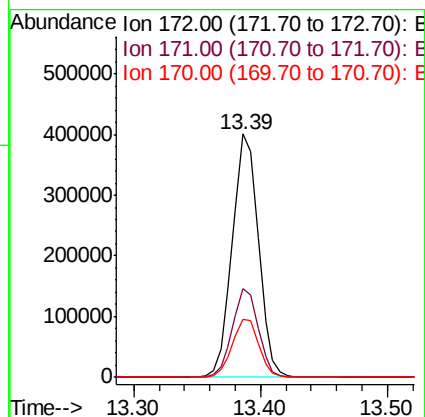
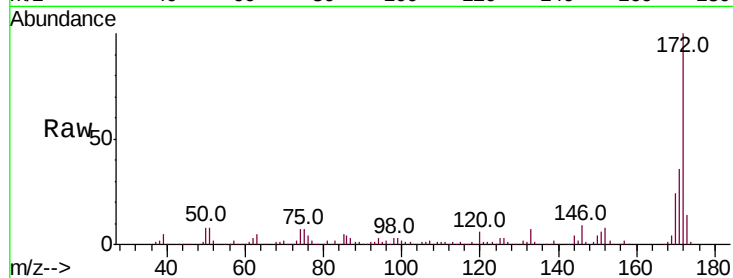




#44  
2-Fluorobiphenyl  
Concen: N.D. ng  
RT: 13.39 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

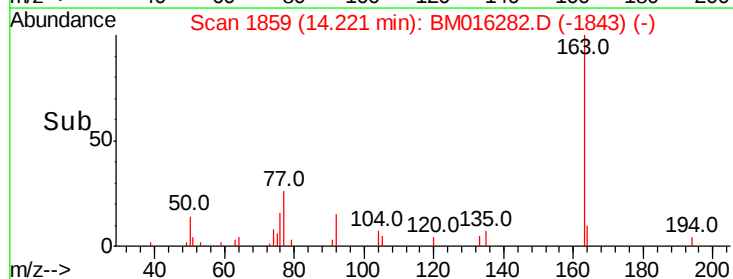
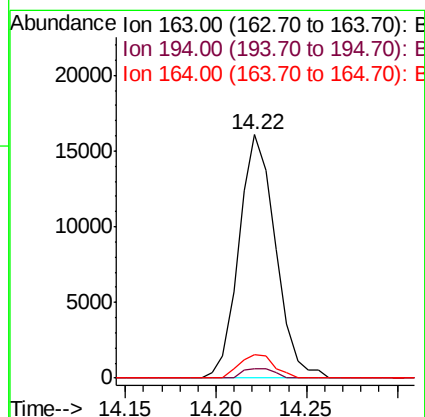
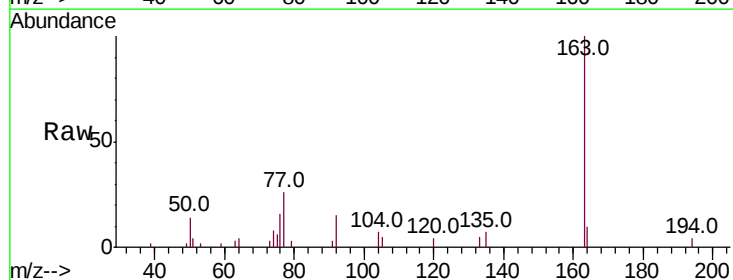
Instrument :  
BNA\_M  
ClientSampleId :  
MW-39

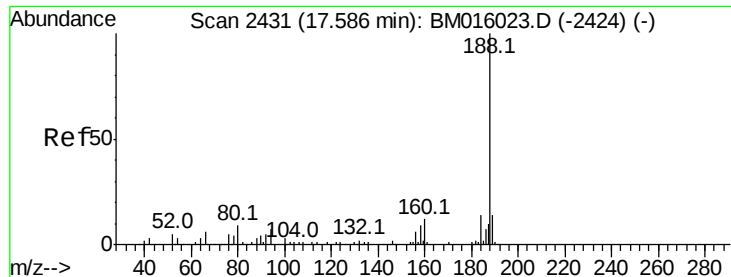
Tot Ion:172 Resp: 571345  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.9 18.8 28.2



#49  
Dimethylphthalate  
Concen: 4.408 ng  
RT: 14.22 min Scan# 1859  
Delta R.T. -0.01 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

Tgt Ion:163 Resp: 22553  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.7 4.1  
164 9.6 8.2 12.2

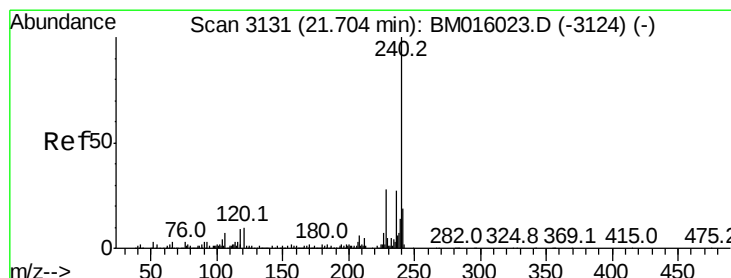
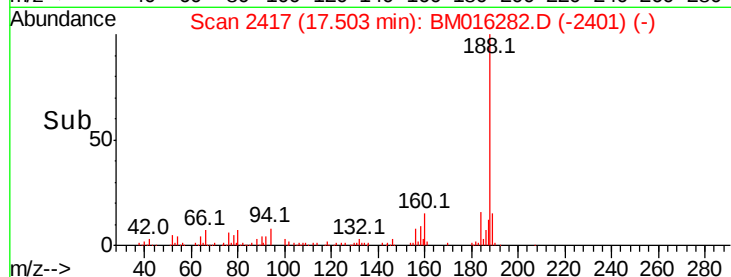
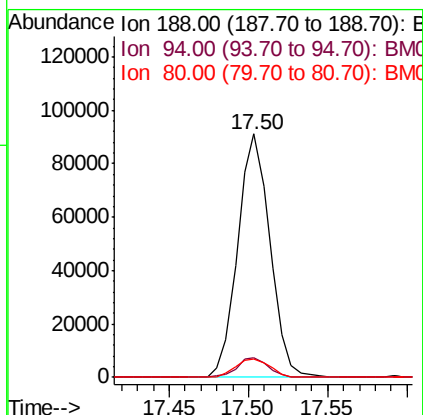
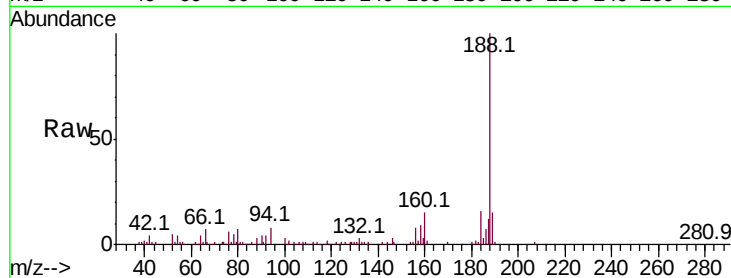




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.50 min Scan# 2417  
Delta R.T. -0.01 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

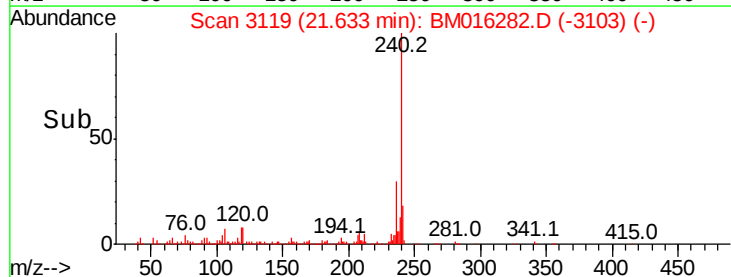
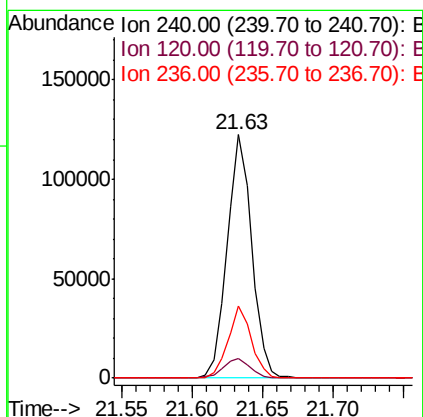
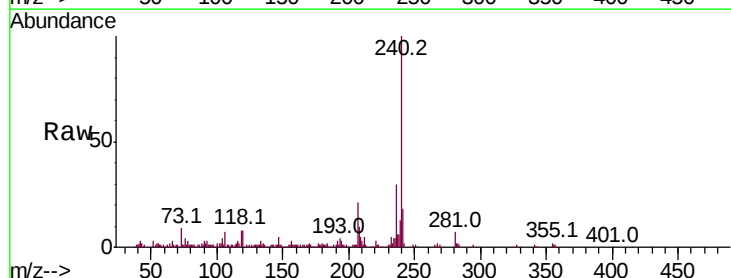
Instrument :  
BNA\_M  
ClientSampleId :  
MW-39

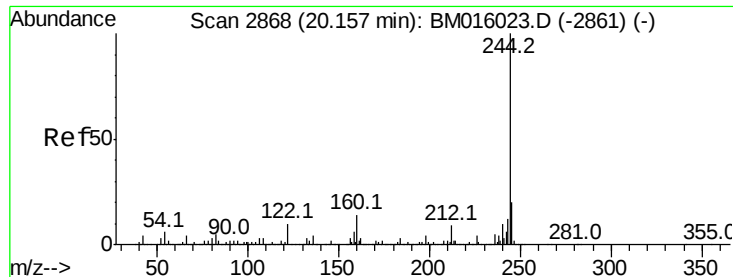
Tot Ion:188 Resp: 128338  
Ion Ratio Lower Upper  
188 100  
94 8.1 8.7 13.1#  
80 7.5 9.3 13.9#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.63 min Scan# 3119  
Delta R.T. -0.01 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

Tgt Ion:240 Resp: 148690  
Ion Ratio Lower Upper  
240 100  
120 8.1 8.2 12.2#  
236 29.5 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.09 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampleId :

MW-39

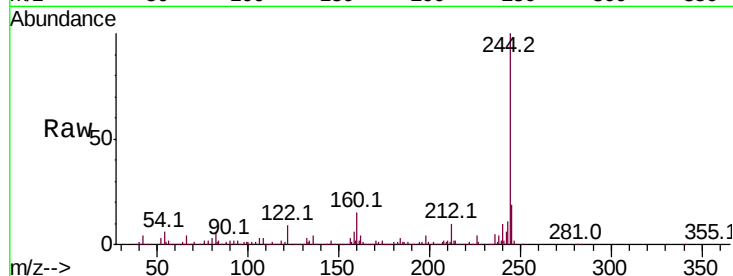
Tot Ion:244 Resp: 991061

Ion Ratio Lower Upper

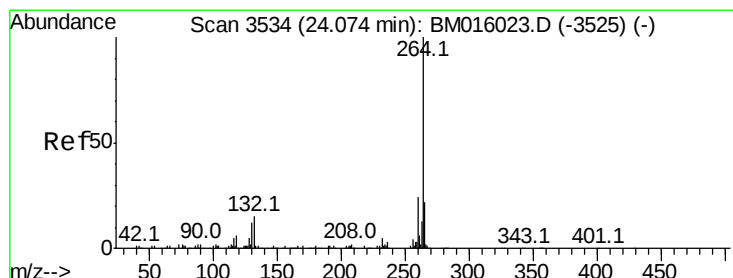
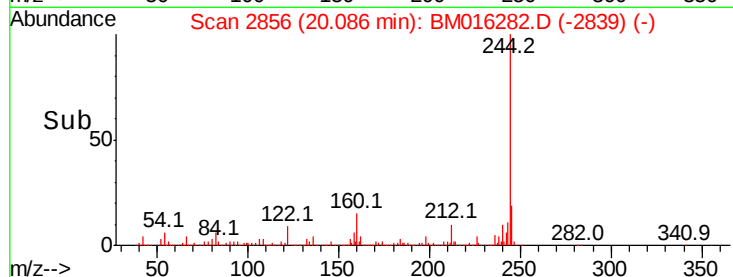
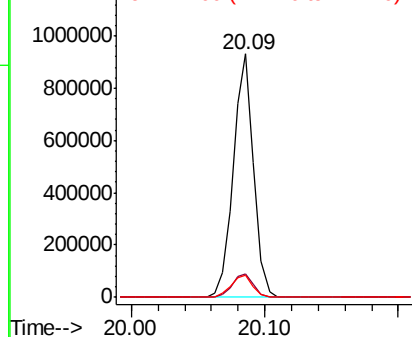
244 100

212 9.8 4.9 7.3#

122 9.2 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.97 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

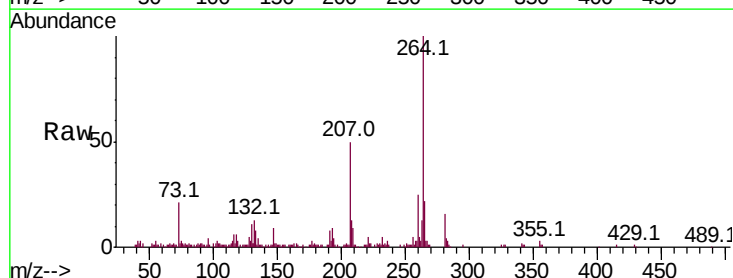
Tgt Ion:264 Resp: 161218

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

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

