

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\  
 Data File : BM016658.D  
 Acq On : 04 Sep 2018 22:19  
 Operator : SJ/JU  
 Sample : J4759-04  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 05 06:52:38 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

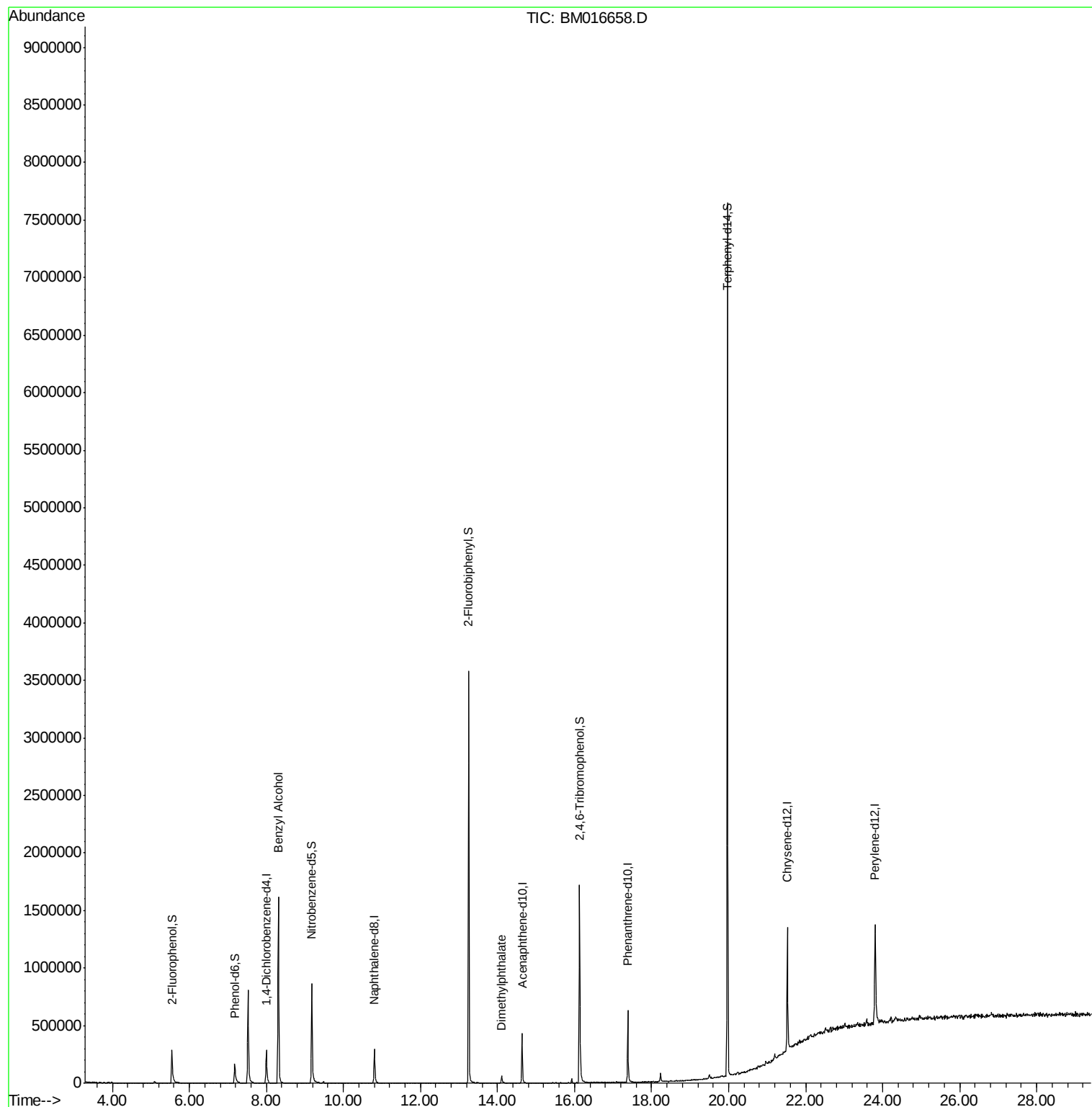
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.99  | 152  | 57338    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.80 | 136  | 181415   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.63 | 164  | 114324   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 17.38 | 188  | 353912   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.53 | 240  | 501895   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.80 | 264  | 705700   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.55  | 112  | 106470   | 36.39  | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 81845    | 21.14  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 503146   | 126.63 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.13 | 330  | 272957   | 85.41  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.25 | 172  | 1431953  | 120.40 | ng    | -0.01    |
| 78) Terphenyl-d14           | 19.97 | 244  | 2734324  | 115.31 | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 8.31  | 79   | 12334    | 3.430  | ng    | # 1      |
| 49) Dimethylphthalate       | 14.10 | 163  | 43859    | 3.993  | ng    | # 90     |

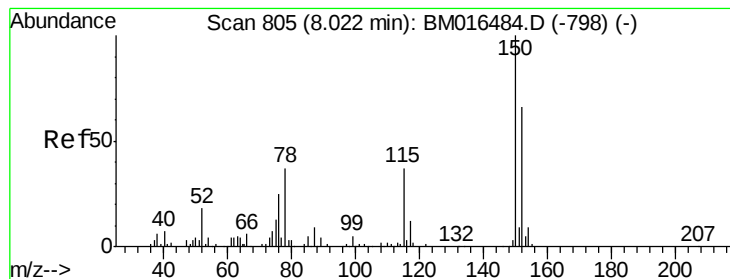
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J4759-04  
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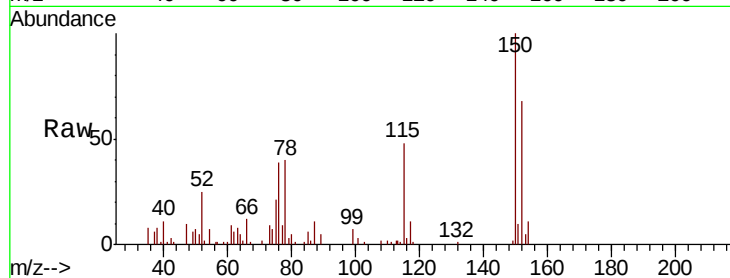


#1

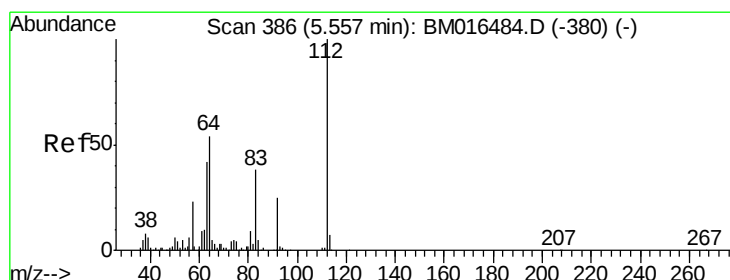
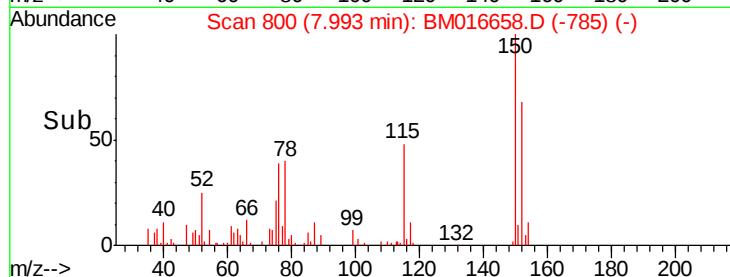
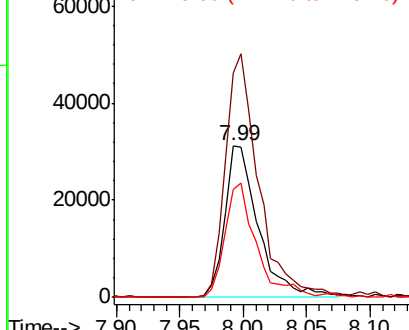
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.9 | 119.5 | 179.3 |
| 115     | 70.7  | 43.0  | 64.4  |



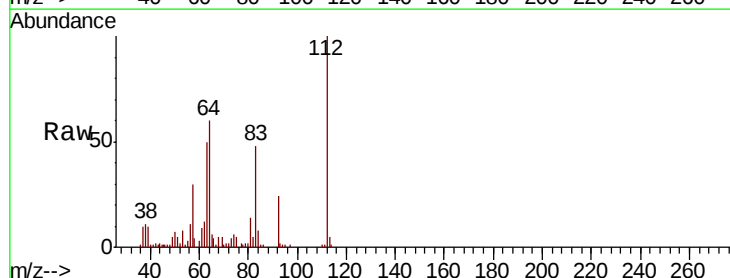
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



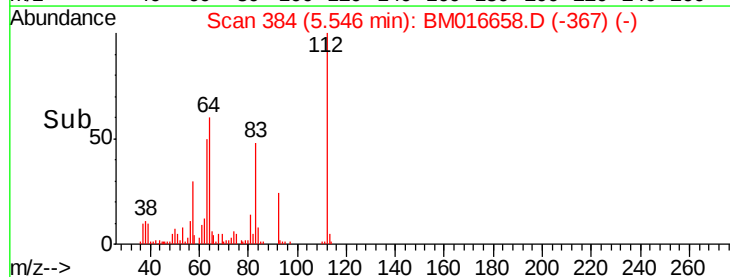
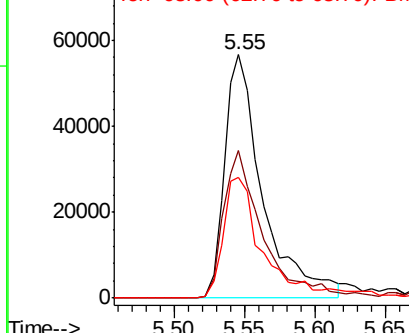
#5

2-Fluorophenol  
Concen: 36.387 ng  
RT: 5.55 min Scan# 384  
Delta R.T. 0.00 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.4  | 38.6  | 57.8  |
| 63      | 49.6  | 19.3  | 28.9  |



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: 21.138 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

Instrument :

BNA\_M

ClientSampled :

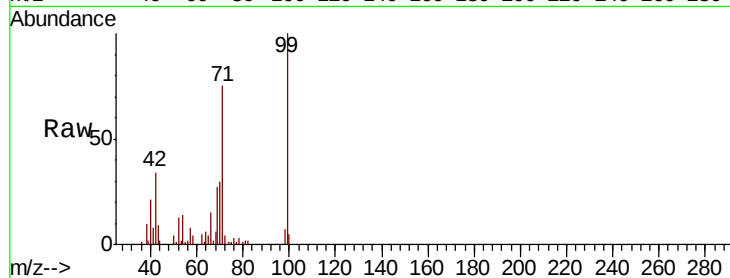
Tot Ion: 99 Resp: 81845

Ion Ratio Lower Upper

99 100

42 33.5 11.0 16.4#

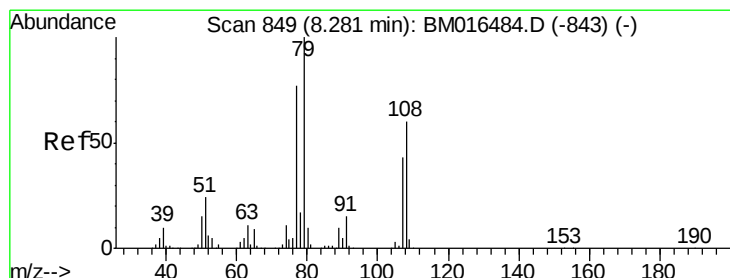
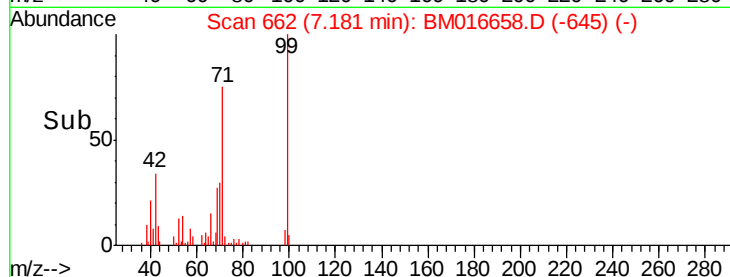
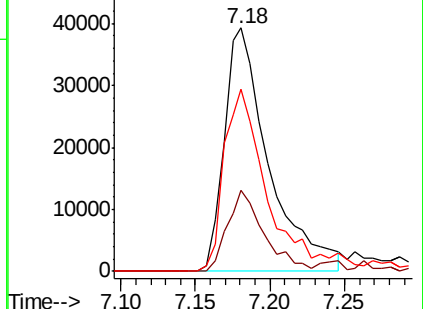
71 75.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 3.430 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.04 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

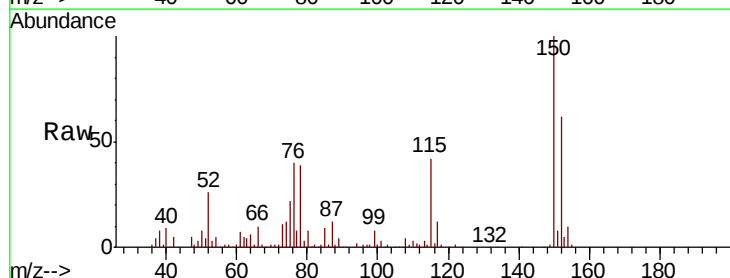
Tgt Ion: 79 Resp: 12334

Ion Ratio Lower Upper

79 100

108 142.4 65.0 97.4#

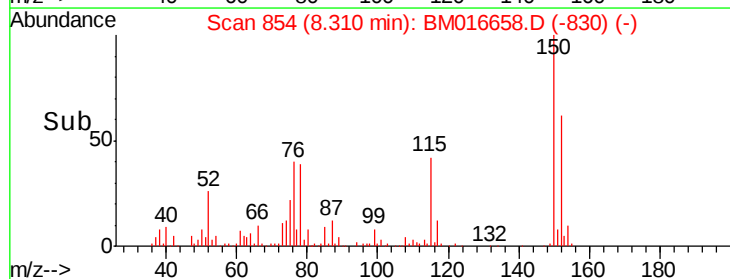
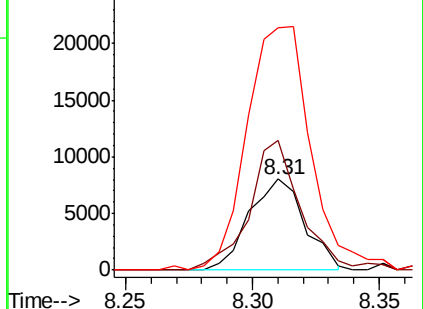
77 266.9 53.0 79.6#

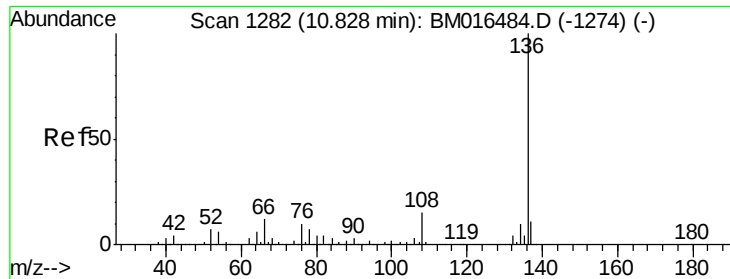


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

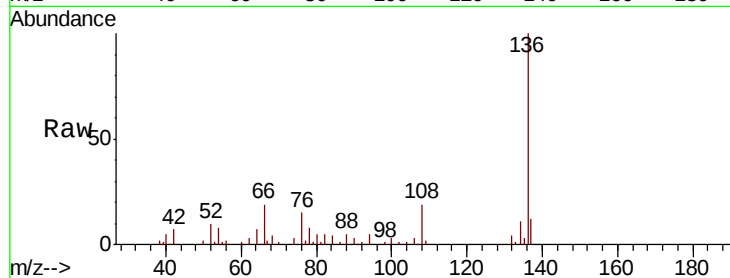




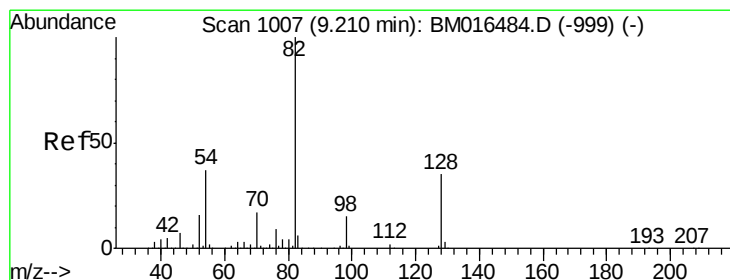
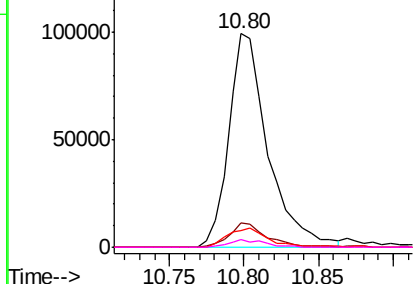
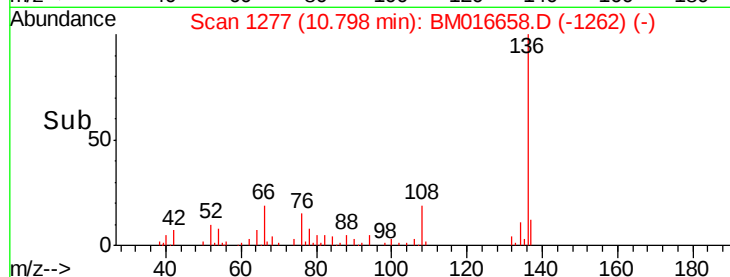
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 181415   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.6  | 8.7 13.1 |
| 54          | 8.0   | 4.6 6.8# |
| 68          | 3.6   | 3.7 5.5# |

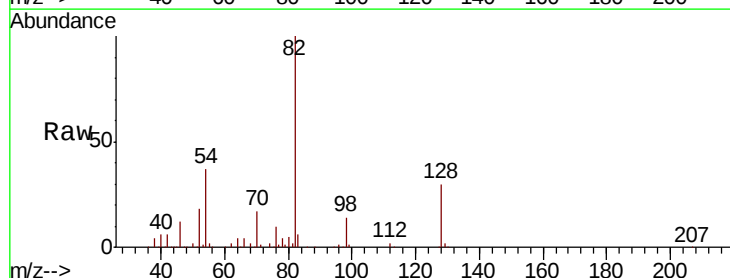


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

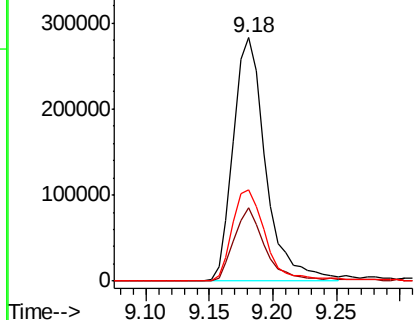
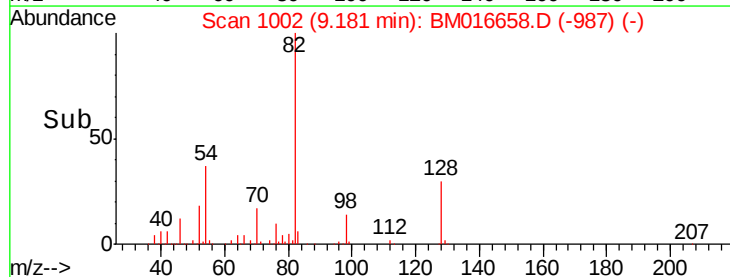


#23  
Nitrobenzene-d5  
Concen: 126.633 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 503146     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 30.3  | 32.8 49.2# |
| 54          | 37.4  | 40.6 60.8# |



Abundance Ion 82.00 (81.70 to 82.70): BM  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

Instrument :

BNA\_M

ClientSampleId :

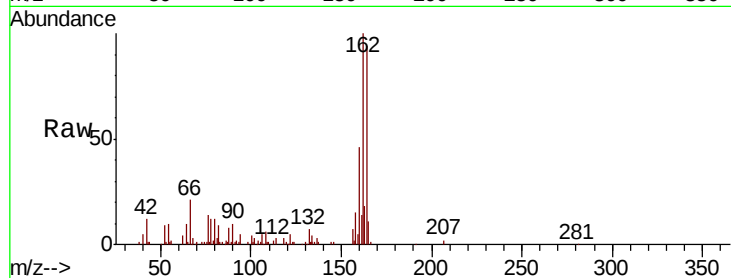
Tot Ion:164 Resp: 114324

Ion Ratio Lower Upper

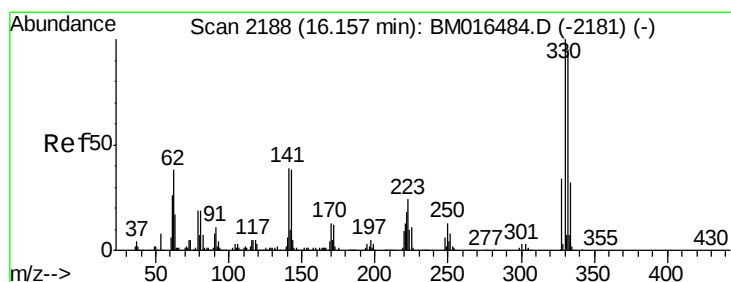
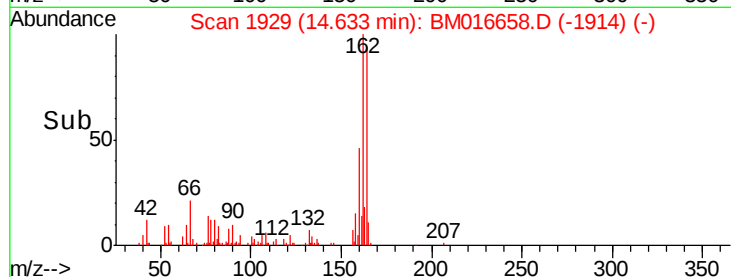
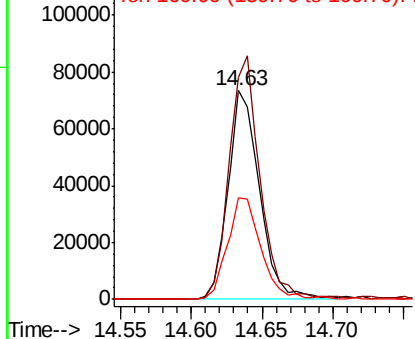
164 100

162 106.3 82.4 123.6

160 48.7 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: 85.410 ng

RT: 16.13 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

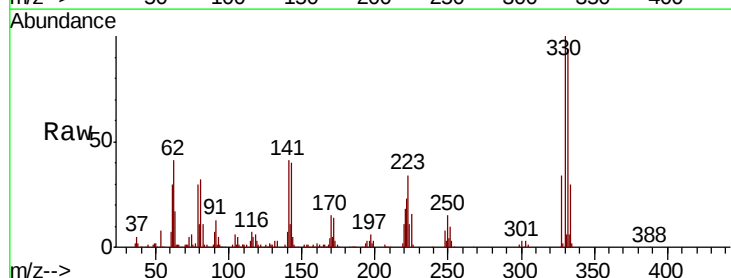
Tgt Ion:330 Resp: 272957

Ion Ratio Lower Upper

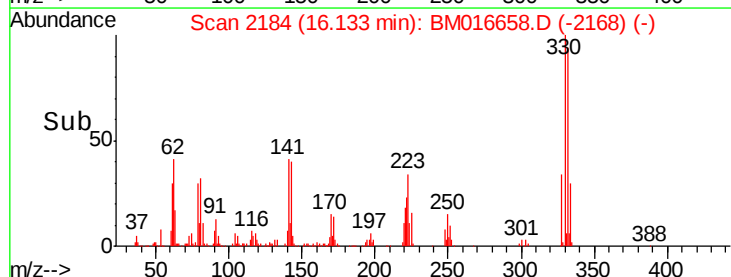
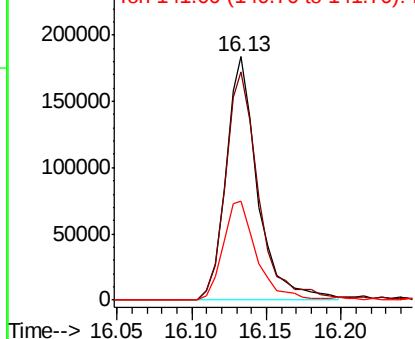
330 100

332 98.3 0.0 0.0#

141 43.3 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

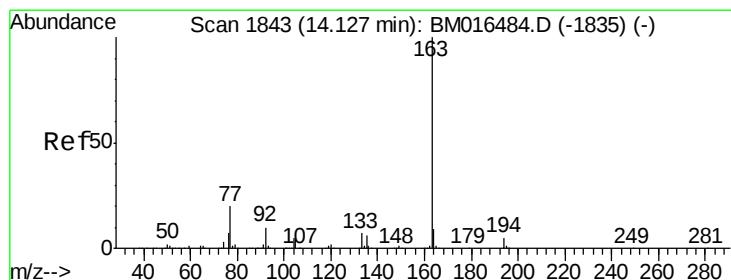
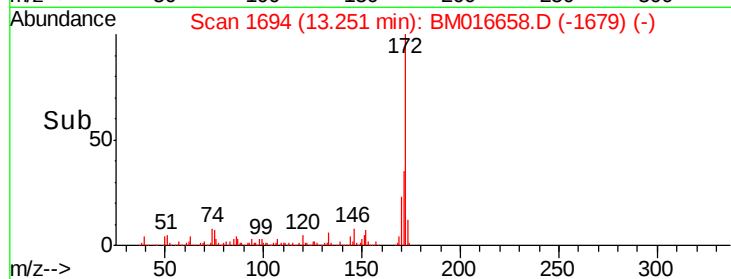
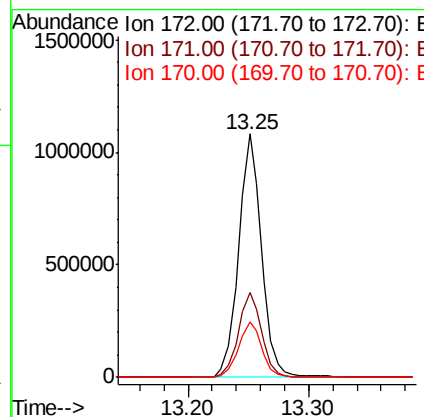
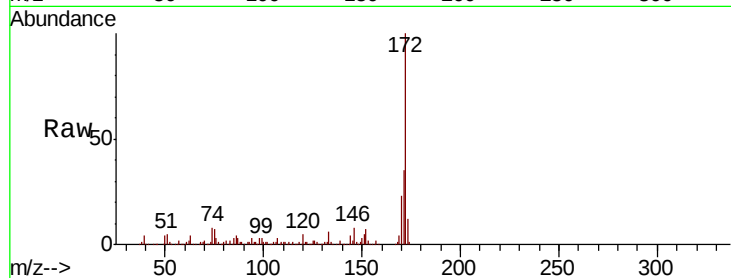




#44  
2-Fluorobiphenyl  
Concen: 120.397 ng  
RT: 13.25 min Scan# 1694  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

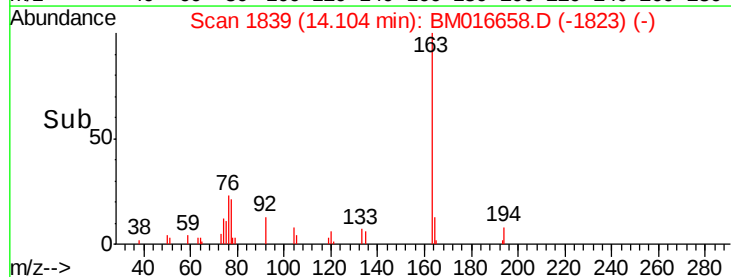
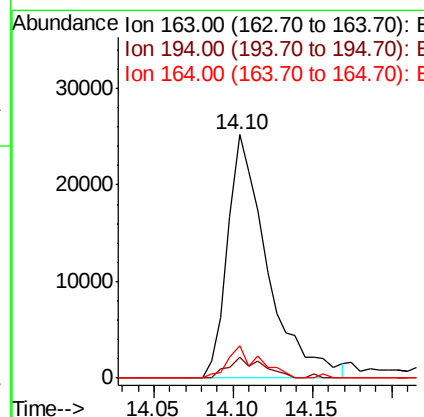
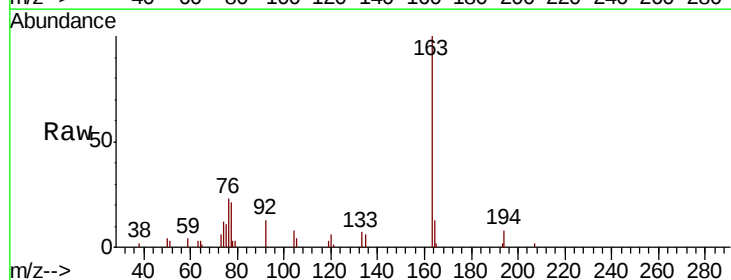
Instrument :  
BNA\_M  
ClientSampleId :

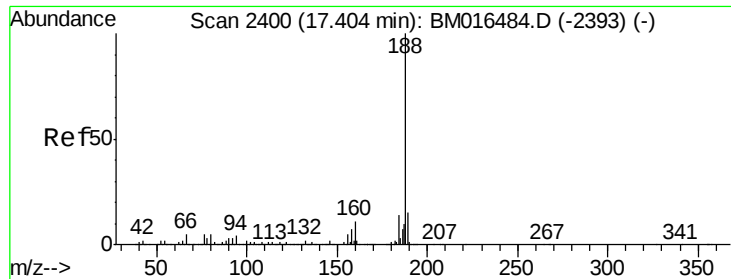
Tot Ion:172 Resp: 1431953  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.5 42.7  
170 23.0 18.8 28.2



#49  
Dimethylphthalate  
Concen: 3.993 ng  
RT: 14.10 min Scan# 1839  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

Tgt Ion:163 Resp: 43859  
Ion Ratio Lower Upper  
163 100  
194 8.4 2.7 4.1#  
164 13.2 8.2 12.2#

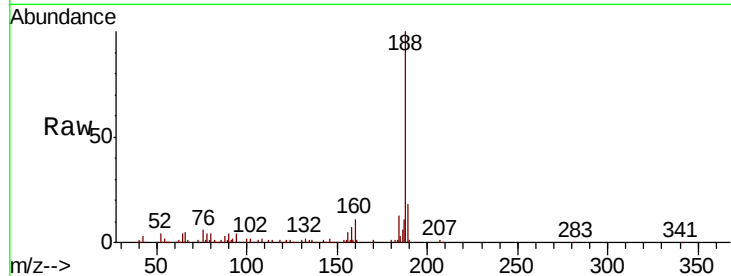




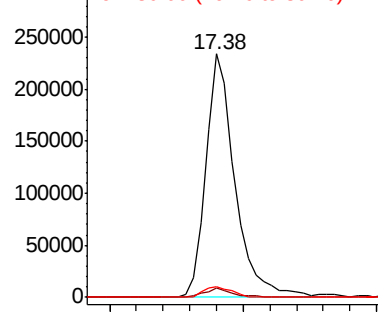
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2396  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

Instrument :  
BNA\_M  
ClientSampleId :

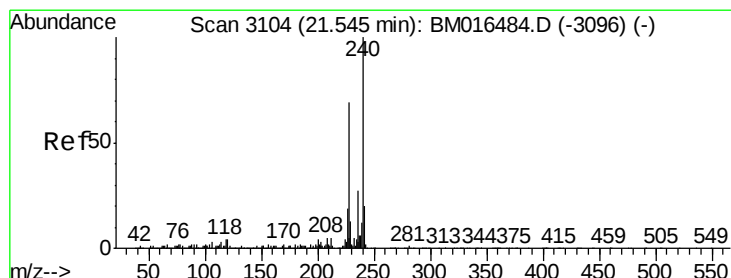
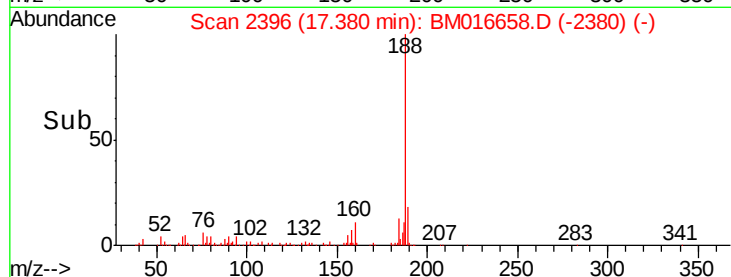
Tot Ion:188 Resp: 353912  
Ion Ratio Lower Upper  
188 100  
94 3.7 8.7 13.1#  
80 4.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

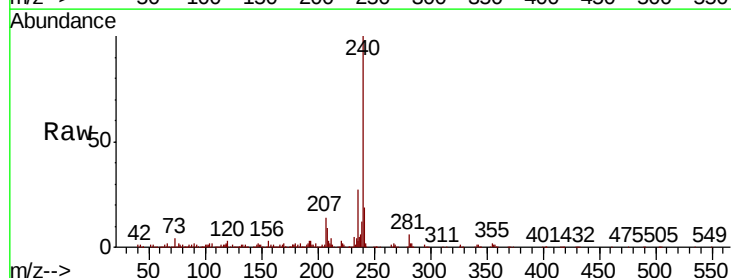


Time-->

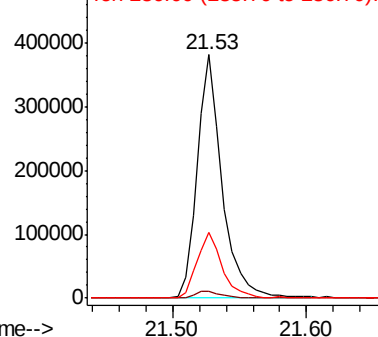


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016658.D  
Acq: 04 Sep 2018 22:19

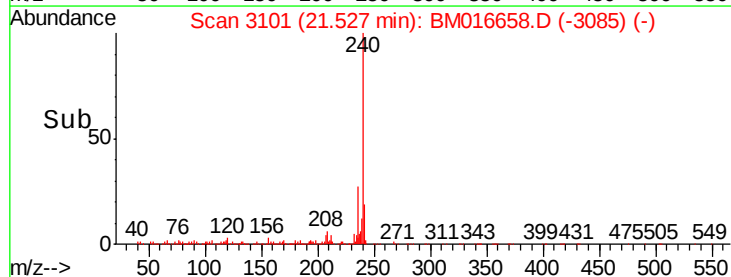
Tgt Ion:240 Resp: 501895  
Ion Ratio Lower Upper  
240 100  
120 3.0 8.2 12.2#  
236 27.2 20.0 30.0

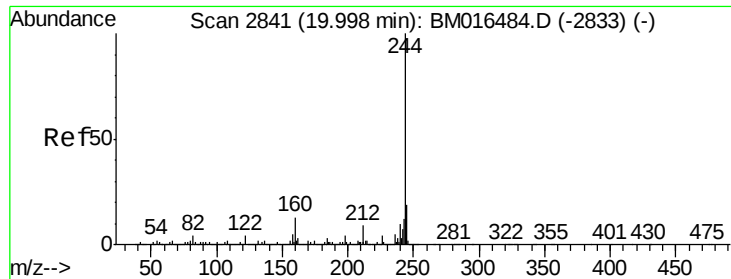


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 115.311 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

Instrument :

BNA\_M

ClientSampleId :

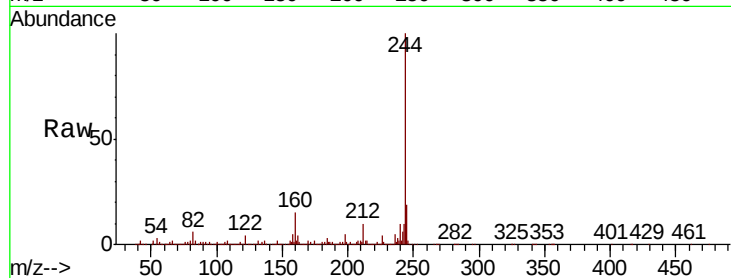
Tot Ion:244 Resp: 2734324

Ion Ratio Lower Upper

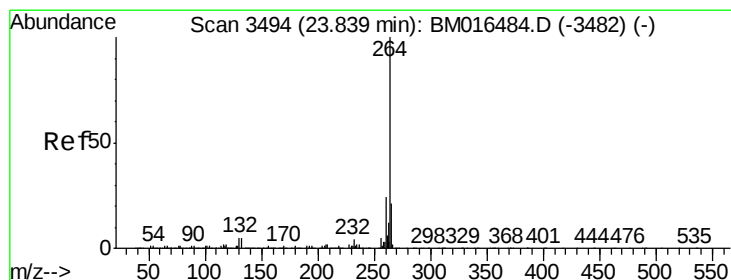
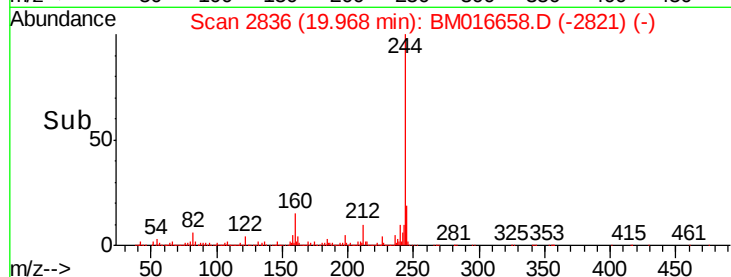
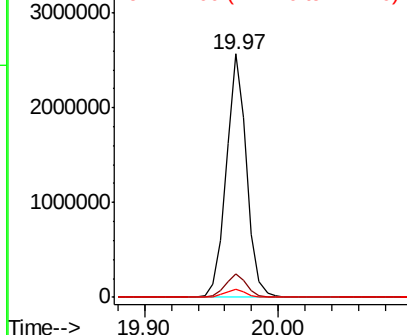
244 100

212 9.5 4.9 7.3#

122 3.6 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: 23.80 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM016658.D

Acq: 04 Sep 2018 22:19

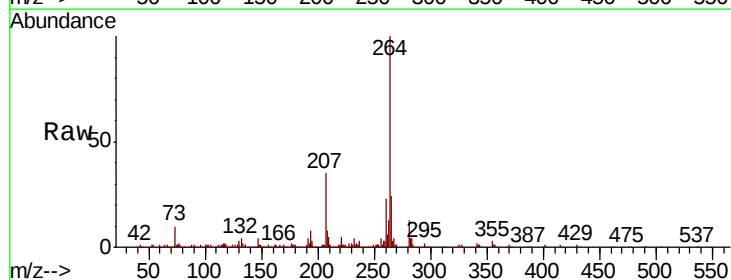
Tgt Ion:264 Resp: 705700

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 23.9 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

