

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121718\  
 Data File : BM018255.D  
 Acq On : 17 Dec 2018 18:52  
 Operator : JU/SJ  
 Sample : J6340-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-03A

Quant Time: Dec 18 00:52:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:39:37 2018  
 Response via : Initial Calibration

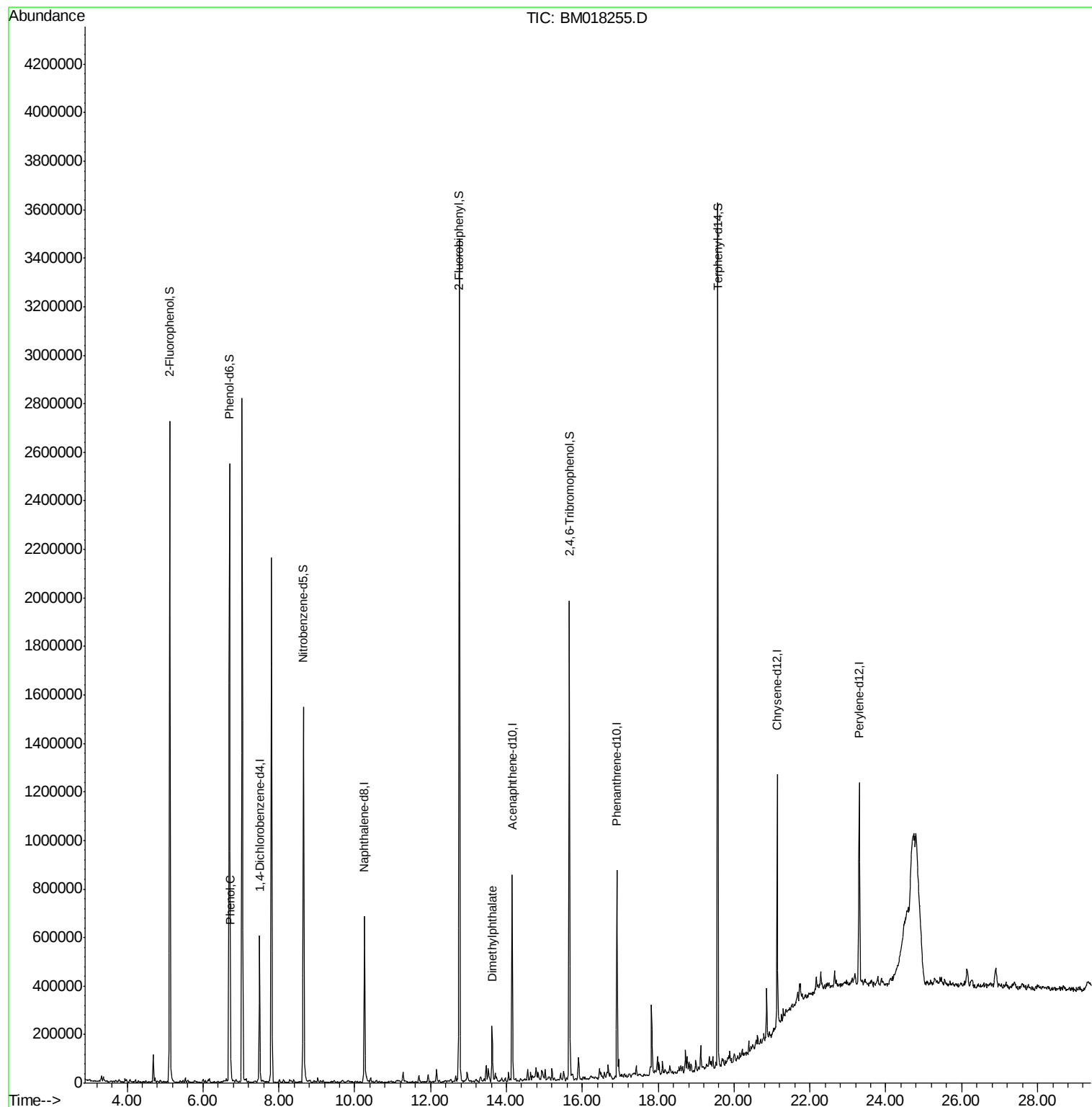
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.49  | 152  | 151128   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.26 | 136  | 561506   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.15 | 164  | 269153   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.92 | 188  | 470465   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.13 | 240  | 477218   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 23.30 | 264  | 548404   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.13  | 112  | 1074126  | 118.73 | ng    | 0.00     |
| 7) Phenol-d6                | 6.70  | 99   | 1420808  | 112.99 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.65  | 82   | 921180   | 84.15  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.66 | 330  | 340545   | 86.20  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.76 | 172  | 1687428  | 81.20  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.57 | 244  | 1464684  | 69.41  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.72  | 94   | 77871    | 5.847  | ng    | 94       |
| 50) Dimethylphthalate       | 13.62 | 163  | 125598   | 5.613  | ng    | 99       |

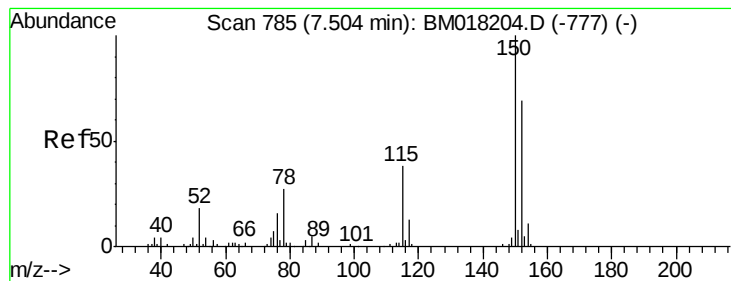
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J6340-03  
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SB-03A

Quant Time: Dec 18 00:52:45 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 15 21:39:37 2018  
Response via : Initial Calibration



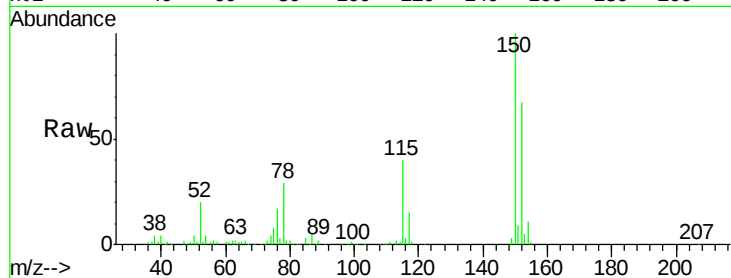


#1

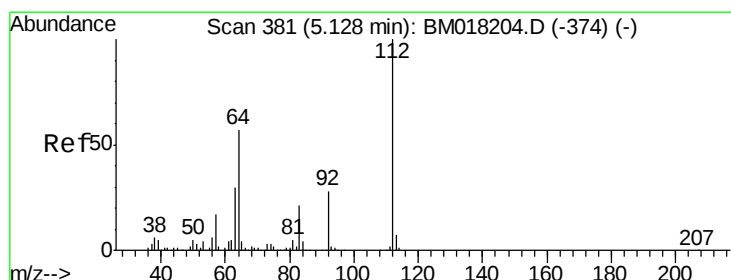
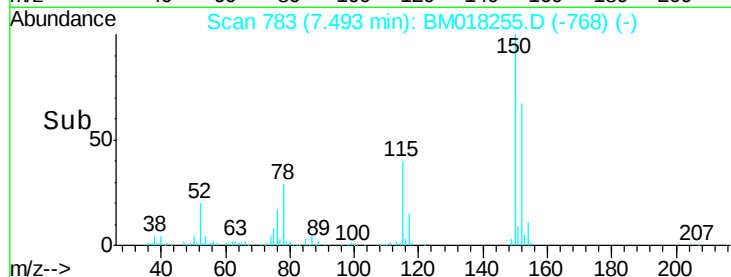
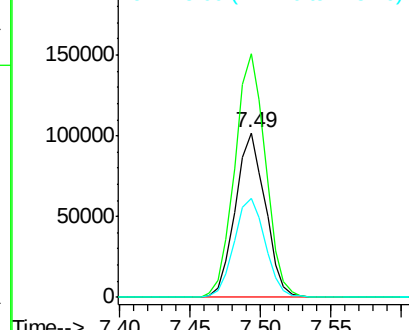
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.49 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BM018255.D  
Acq: 17 Dec 2018 18:52

Instrument :  
BNA\_M  
ClientSampleId :  
SB-03A

Tgt Ion:152 Resp: 151128  
Ion Ratio Lower Upper  
152 100  
150 148.2 116.1 174.1  
115 60.0 44.6 67.0



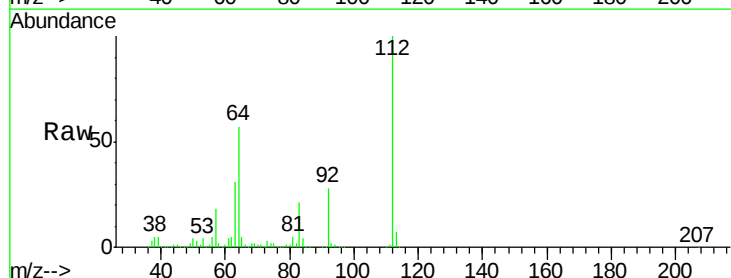
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



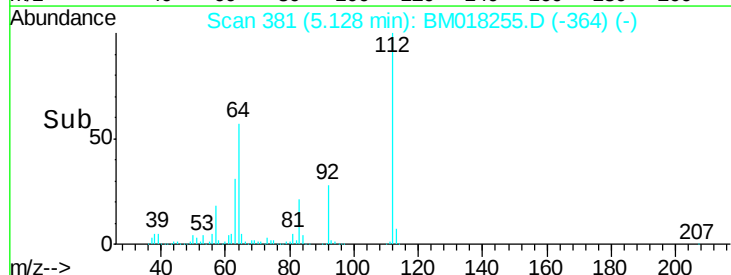
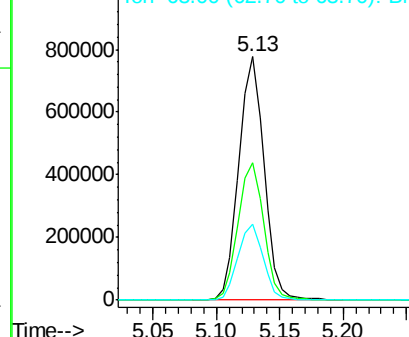
#5

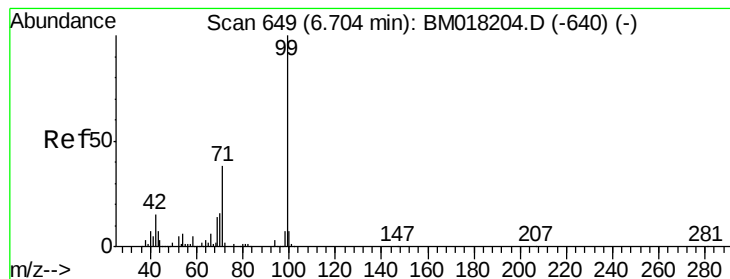
2-Fluorophenol  
Concen: 118.728 ng  
RT: 5.13 min Scan# 381  
Delta R.T. 0.00 min  
Lab File: BM018255.D  
Acq: 17 Dec 2018 18:52

Tgt Ion:112 Resp: 1074126  
Ion Ratio Lower Upper  
112 100  
64 56.5 45.4 68.2  
63 31.1 24.0 36.0



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: 112.991 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

Instrument :

BNA\_M

ClientSampleId :

SB-03A

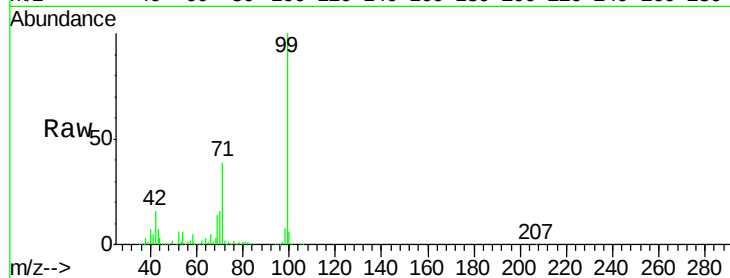
Tgt Ion: 99 Resp: 1420808

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

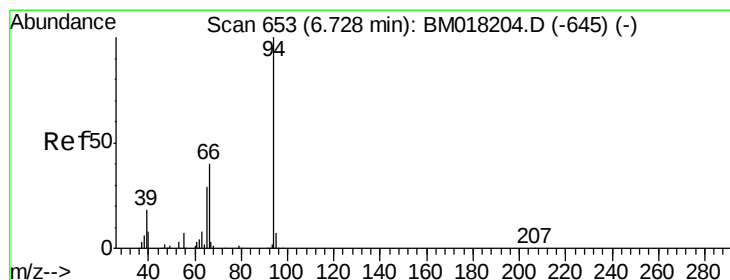
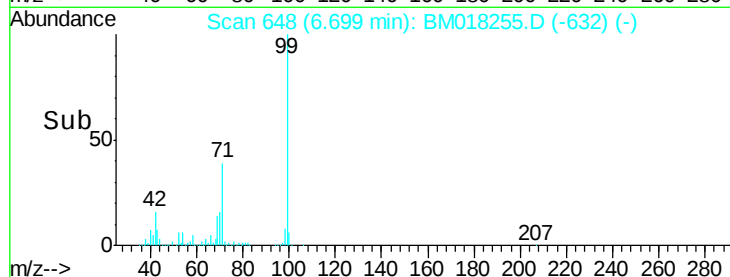
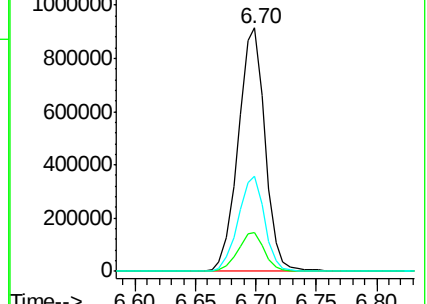
71 38.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#10

Phenol

Concen: 5.847 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

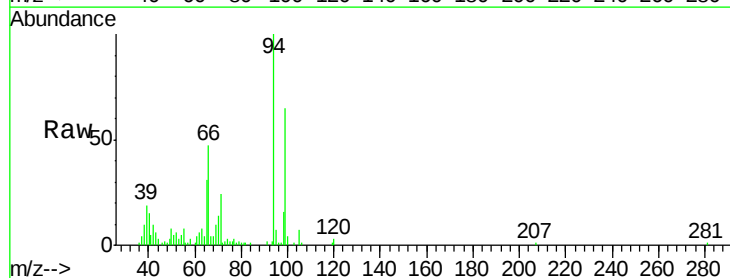
Tgt Ion: 94 Resp: 77871

Ion Ratio Lower Upper

94 100

65 31.1 9.5 49.5

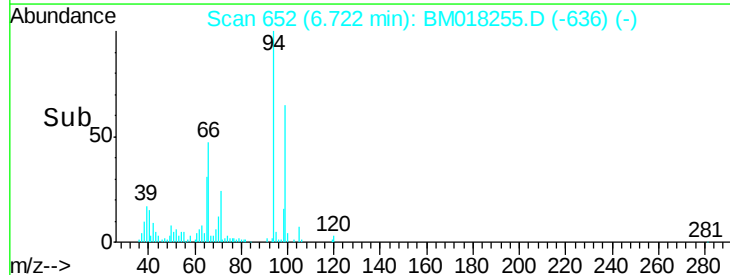
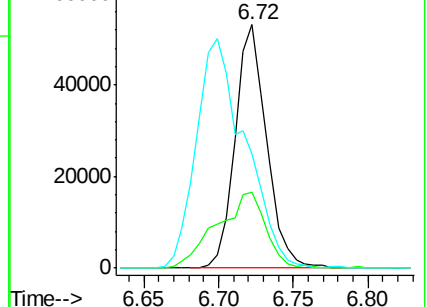
66 46.8 21.3 61.3

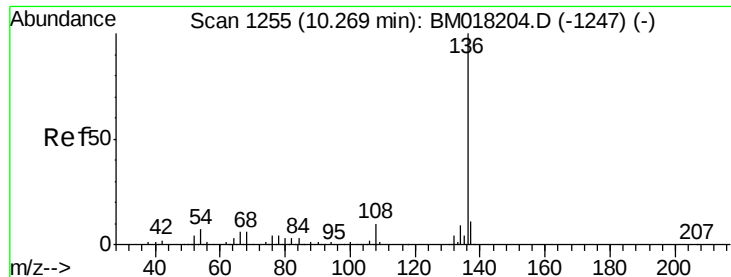


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

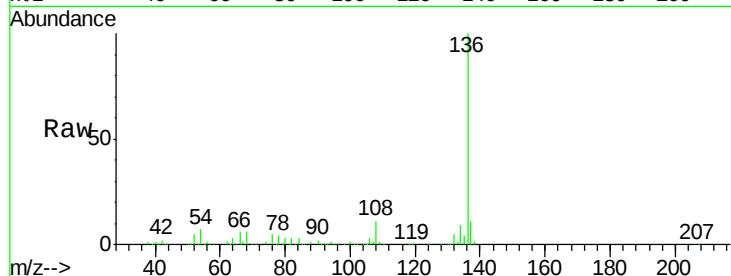




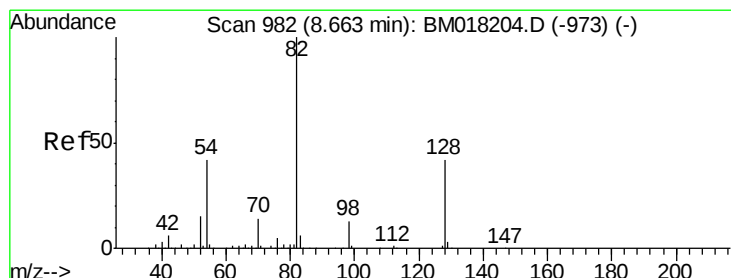
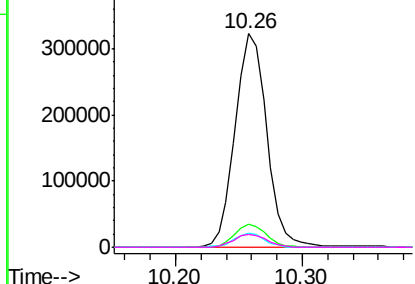
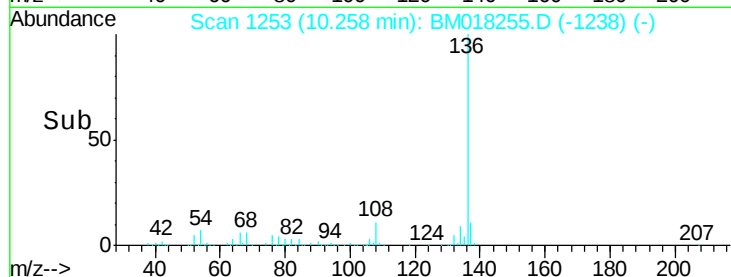
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.26 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BM018255.D  
Acq: 17 Dec 2018 18:52

Instrument :  
BNA\_M  
ClientSampleID :  
SB-03A

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 561506 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.2   | 13.8   |
| 54       | 6.5   | 5.2   | 7.8    |
| 68       | 6.1   | 5.0   | 7.6    |

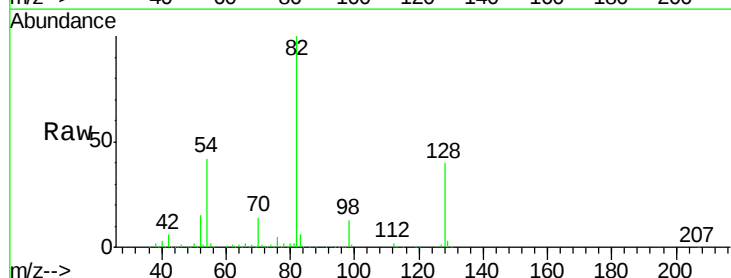


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

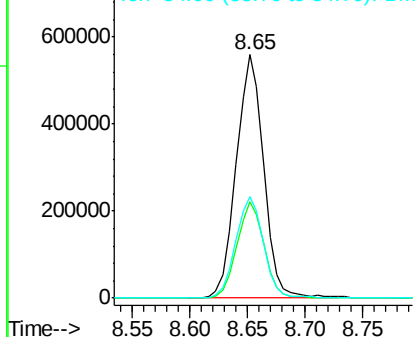
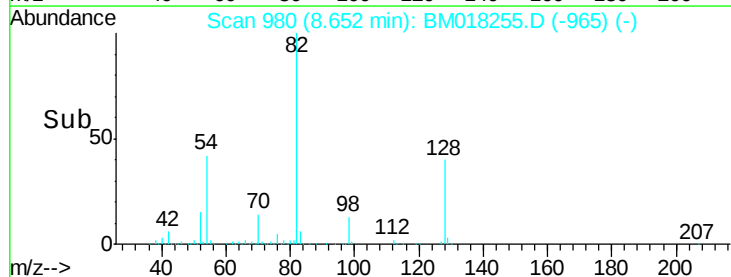


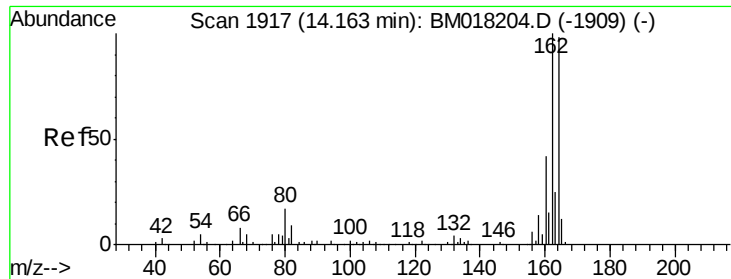
#23  
Nitrobenzene-d5  
Concen: 84.150 ng  
RT: 8.65 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BM018255.D  
Acq: 17 Dec 2018 18:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 921180 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 39.6  | 33.4  | 50.2   |
| 54       | 41.7  | 33.4  | 50.2   |



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

Instrument :

BNA\_M

ClientSampleId :

SB-03A

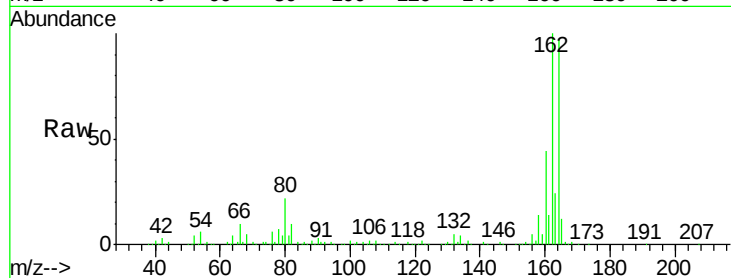
Tgt Ion:164 Resp: 269153

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

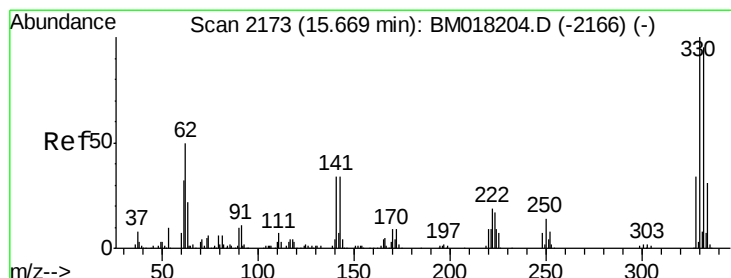
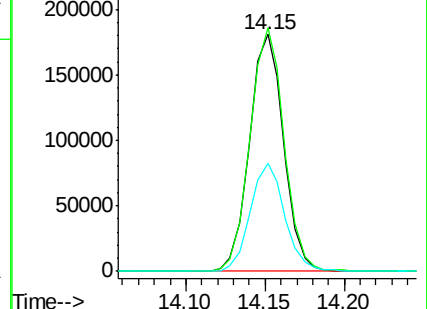
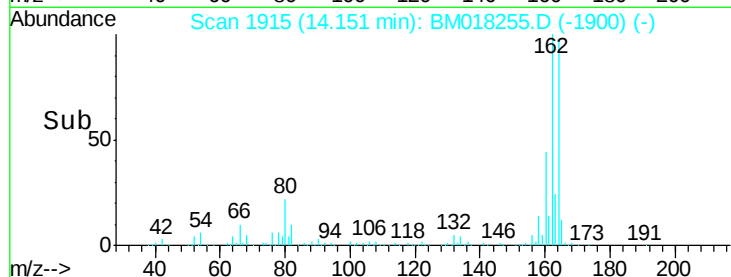
160 45.3 34.6 51.8



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: 86.205 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

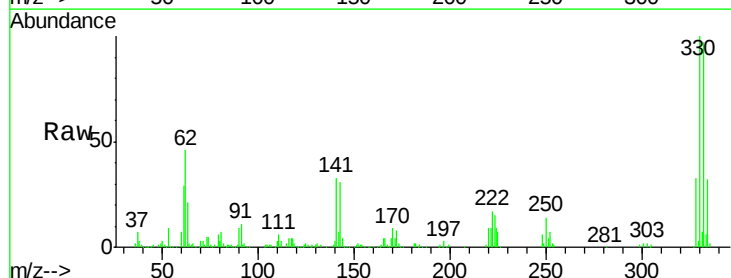
Tgt Ion:330 Resp: 340545

Ion Ratio Lower Upper

330 100

332 98.2 78.6 118.0

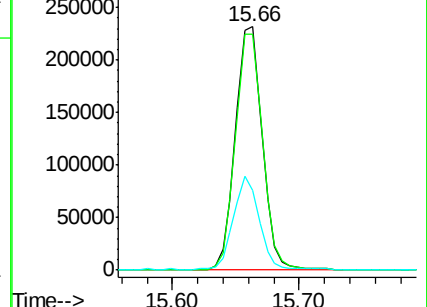
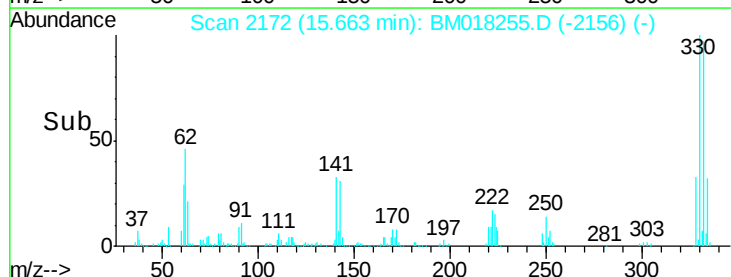
141 36.5 27.1 40.7

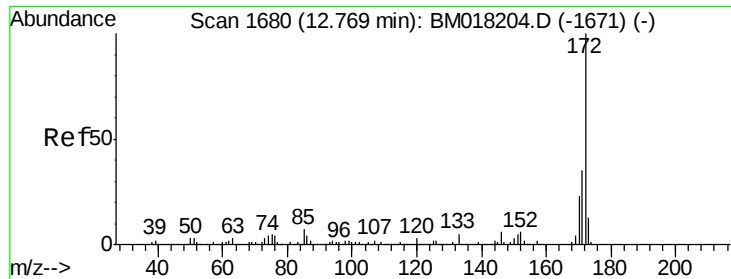


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

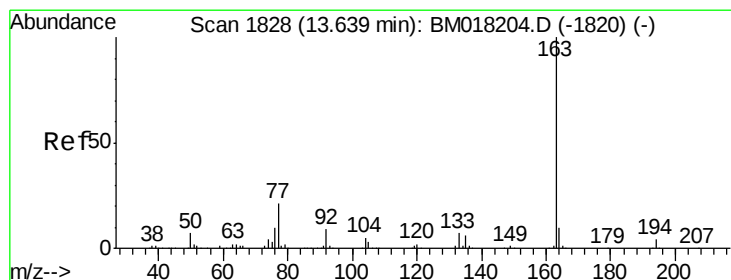
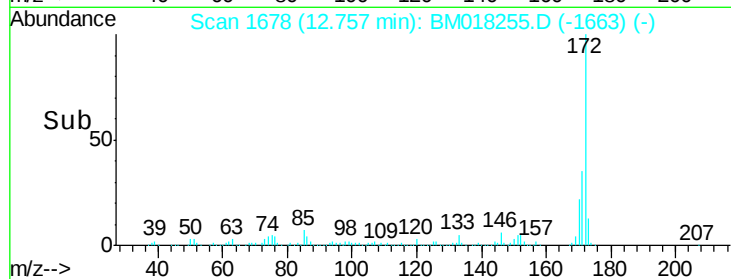
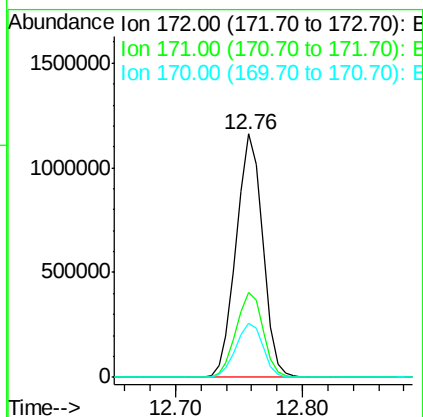
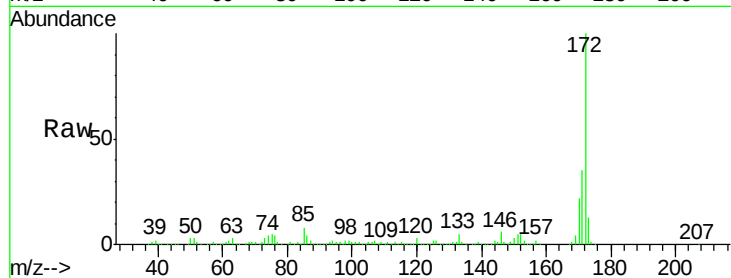




#45  
 2-Fluorobiphenyl  
 Concen: 81.204 ng  
 RT: 12.76 min Scan# 1678  
 Delta R.T. -0.01 min  
 Lab File: BM018255.D  
 Acq: 17 Dec 2018 18:52

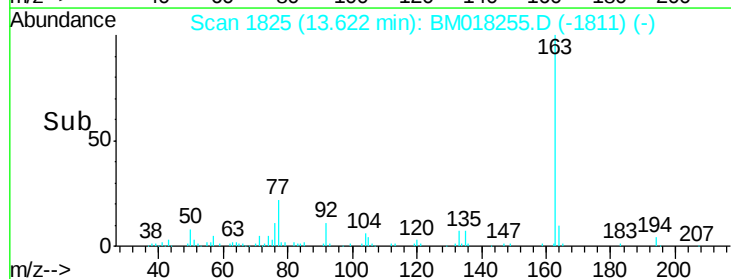
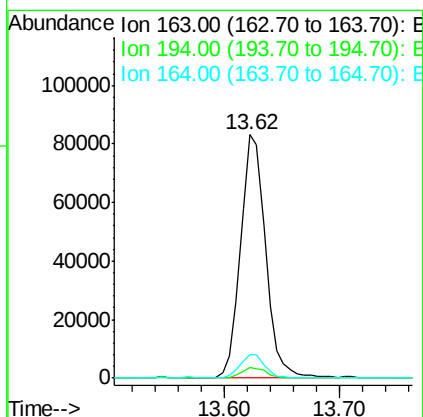
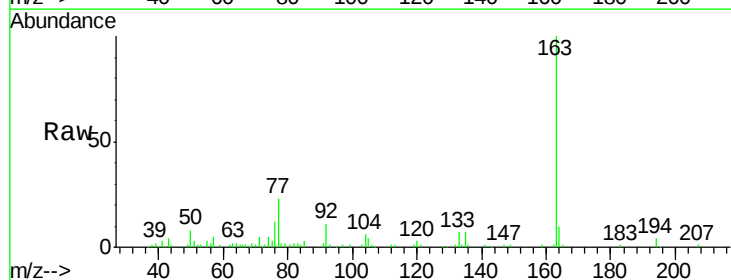
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-03A

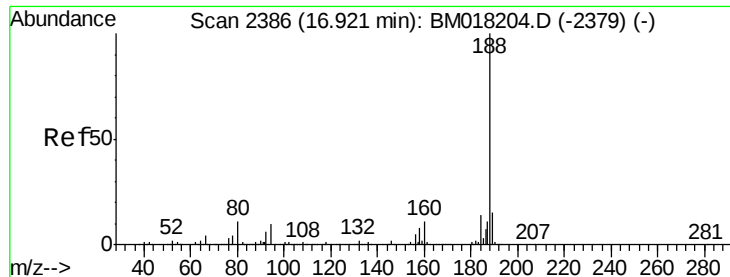
Tgt Ion:172 Resp: 1687428  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.3 42.5  
 170 22.2 18.1 27.1



#50  
 Dimethylphthalate  
 Concen: 5.613 ng  
 RT: 13.62 min Scan# 1825  
 Delta R.T. -0.02 min  
 Lab File: BM018255.D  
 Acq: 17 Dec 2018 18:52

Tgt Ion:163 Resp: 125598  
 Ion Ratio Lower Upper  
 163 100  
 194 4.3 3.1 4.7  
 164 9.8 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

Instrument :

BNA\_M

ClientSampleId :

SB-03A

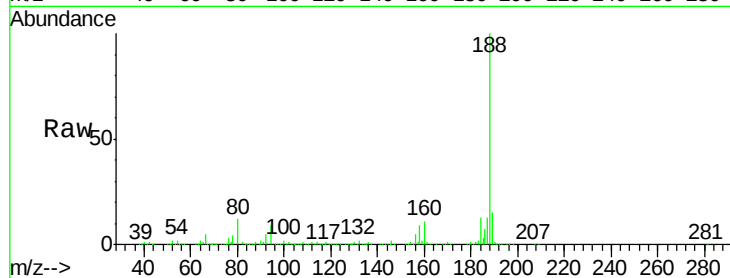
Tgt Ion:188 Resp: 470465

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

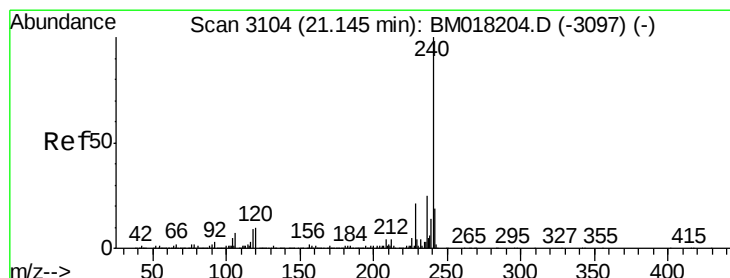
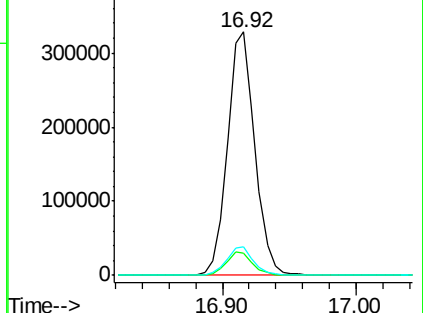
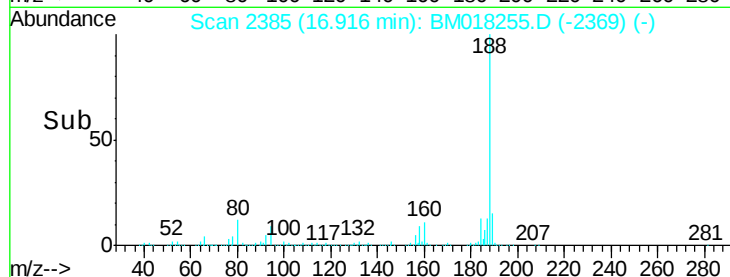
80 11.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

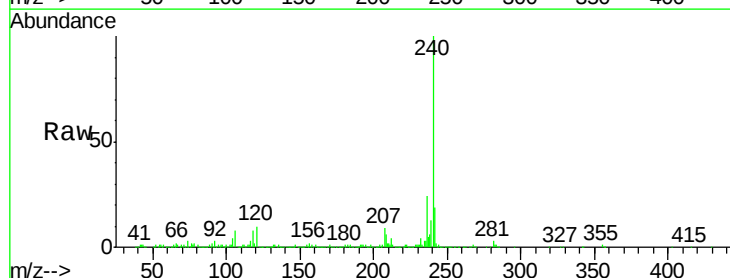
Tgt Ion:240 Resp: 477218

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

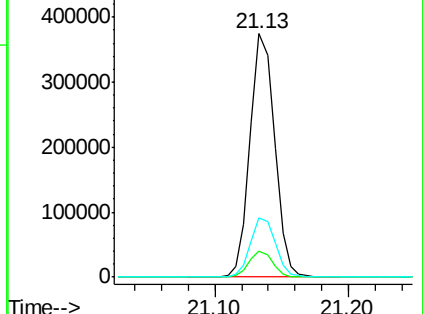
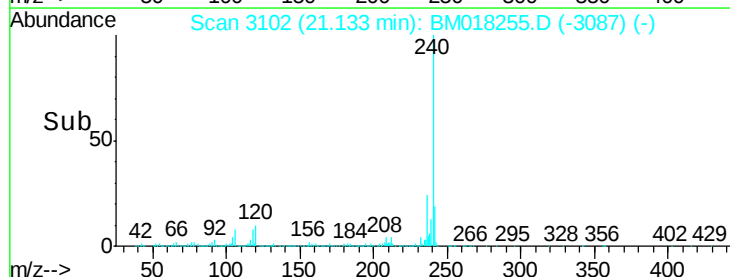
236 24.4 20.3 30.5

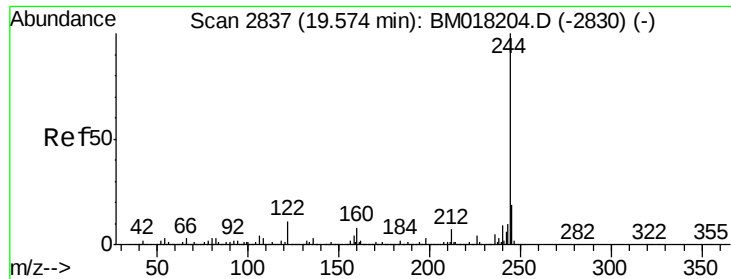


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.415 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

Instrument :

BNA\_M

ClientSampleId :

SB-03A

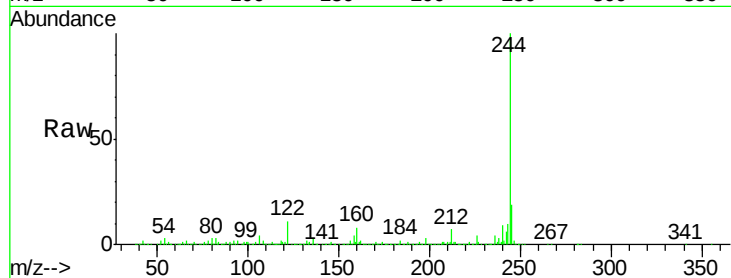
Tgt Ion:244 Resp: 1464684

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

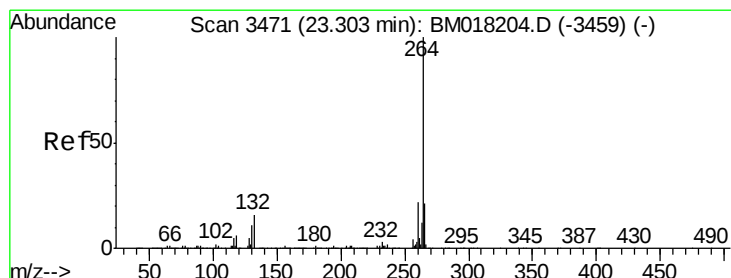
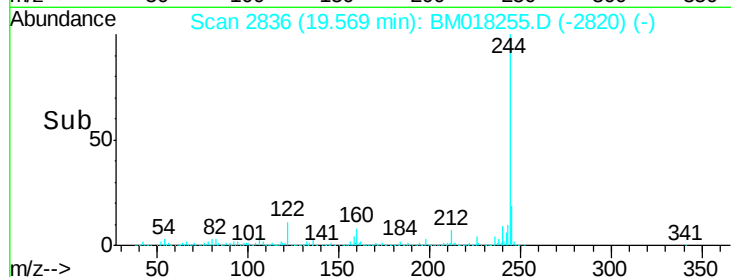
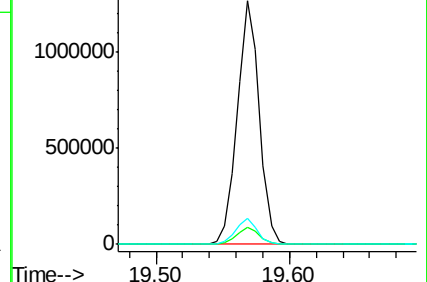
122 10.8 9.0 13.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018255.D

Acq: 17 Dec 2018 18:52

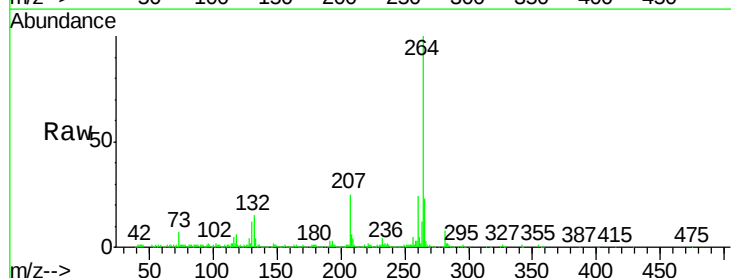
Tgt Ion:264 Resp: 548404

Ion Ratio Lower Upper

264 100

260 23.6 17.5 26.3

265 22.9 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

