

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121718\  
 Data File : BM018246.D  
 Acq On : 17 Dec 2018 13:23  
 Operator : JU/SJ  
 Sample : J6388-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SS010-0006-01

Quant Time: Dec 18 00:49:29 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

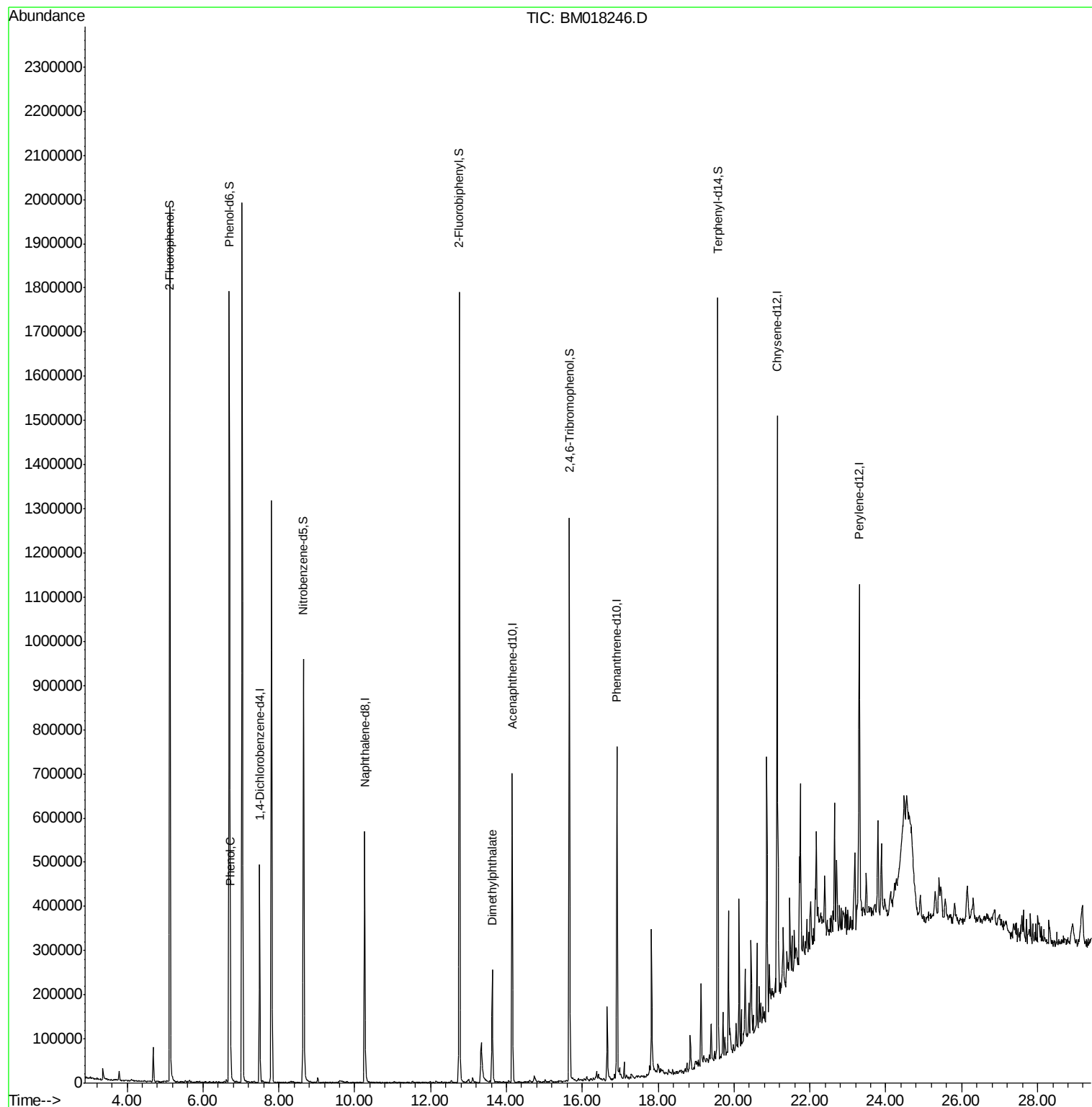
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.49  | 152  | 128940   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.26 | 136  | 496632   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.15 | 164  | 237163   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.92 | 188  | 437159   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.14 | 240  | 421281   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.30 | 264  | 488013   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.13  | 112  | 798828   | 103.49 | ng    | 0.00     |
| 7) Phenol-d6                | 6.69  | 99   | 1057646  | 98.58  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.65  | 82   | 599694   | 61.94  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.66 | 330  | 243360   | 69.91  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.76 | 172  | 920995   | 50.30  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.57 | 244  | 743057   | 39.89  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.72  | 94   | 74302    | 6.540  | ng    | 98       |
| 50) Dimethylphthalate       | 13.63 | 163  | 172034   | 8.725  | ng    | 99       |

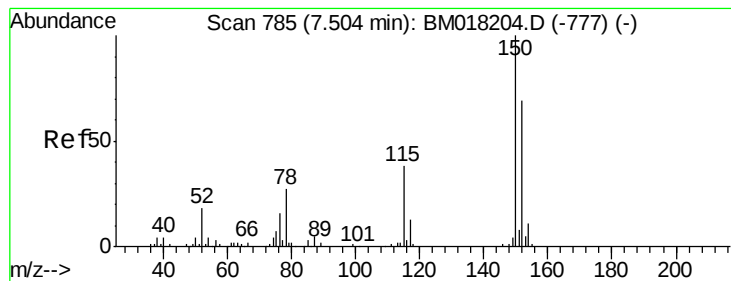
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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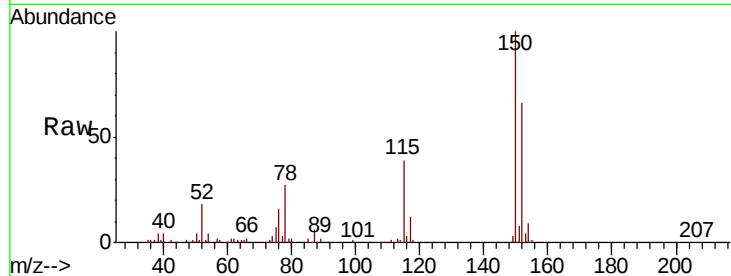


#1

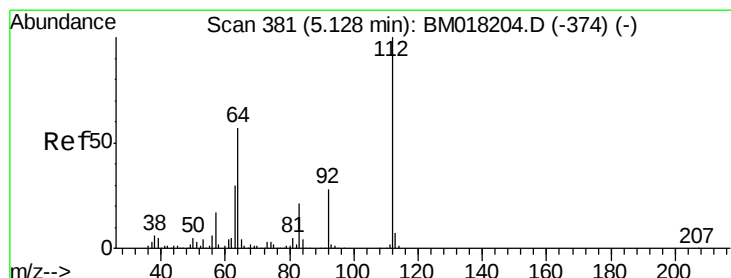
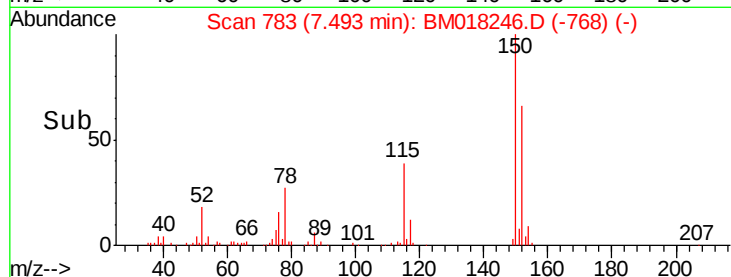
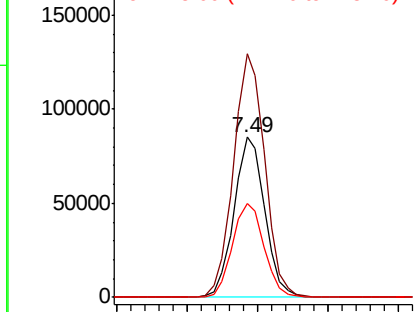
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.49 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BM018246.D  
Acq: 17 Dec 2018 13:23

Instrument :  
BNA\_M  
ClientSampleId :  
P001-SS010-0006-01

Tgt Ion:152 Resp: 128940  
Ion Ratio Lower Upper  
152 100  
150 152.1 116.1 174.1  
115 59.0 44.6 67.0



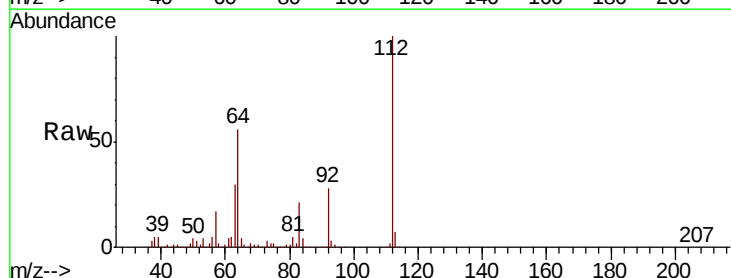
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



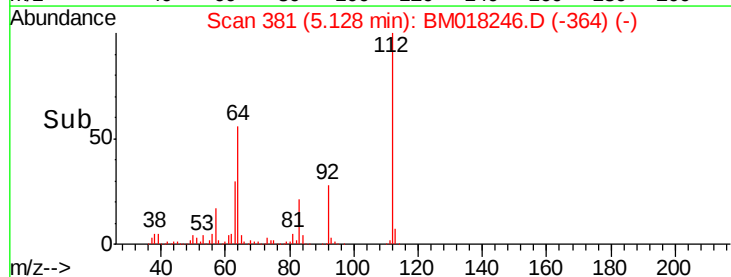
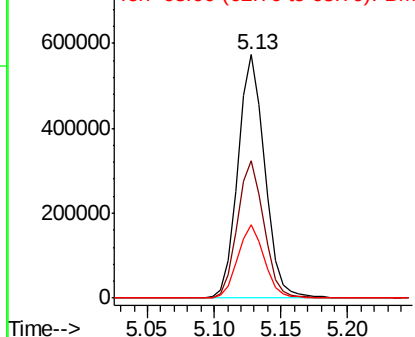
#5

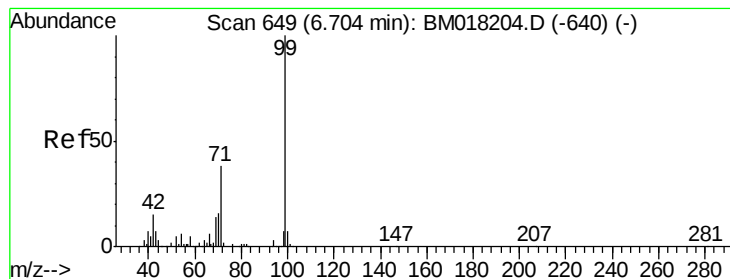
2-Fluorophenol  
Concen: 103.492 ng  
RT: 5.13 min Scan# 381  
Delta R.T. -0.00 min  
Lab File: BM018246.D  
Acq: 17 Dec 2018 13:23

Tgt Ion:112 Resp: 798828  
Ion Ratio Lower Upper  
112 100  
64 56.3 45.4 68.2  
63 30.0 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: 98.584 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

Instrument :

BNA\_M

ClientSampleId :

P001-SS010-0006-01

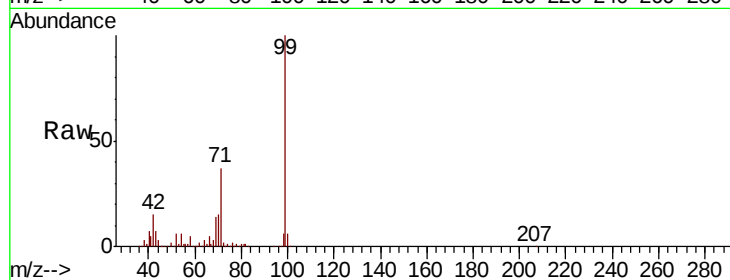
Tgt Ion: 99 Resp: 1057646

Ion Ratio Lower Upper

99 100

42 14.8 12.3 18.5

71 37.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018246.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018246.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018246.D (-632) (-)

800000

600000

400000

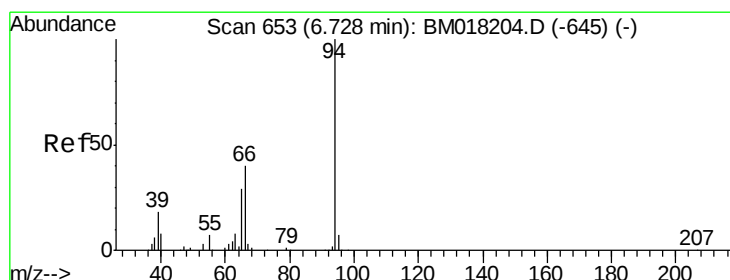
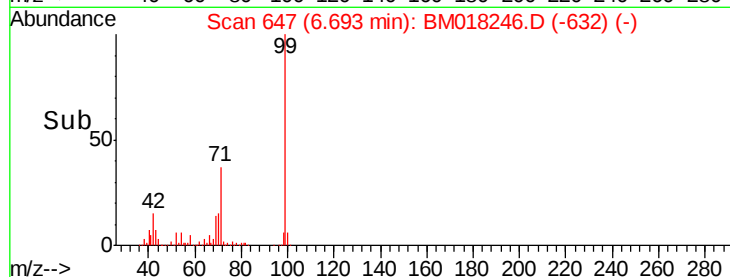
200000

0

6.69

6.60 6.65 6.70 6.75 6.80

Time-->



#10

Phenol

Concen: 6.540 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

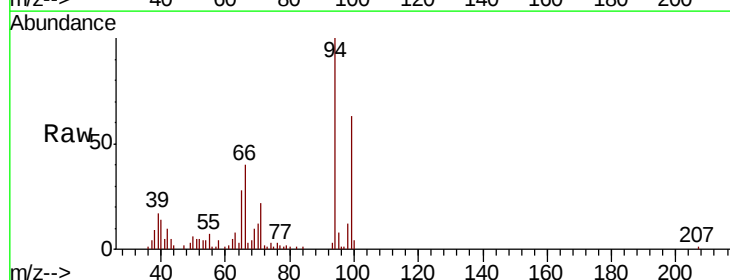
Tgt Ion: 94 Resp: 74302

Ion Ratio Lower Upper

94 100

65 27.5 9.5 49.5

66 40.5 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018246.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018246.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018246.D (-636) (-)

60000

50000

40000

30000

20000

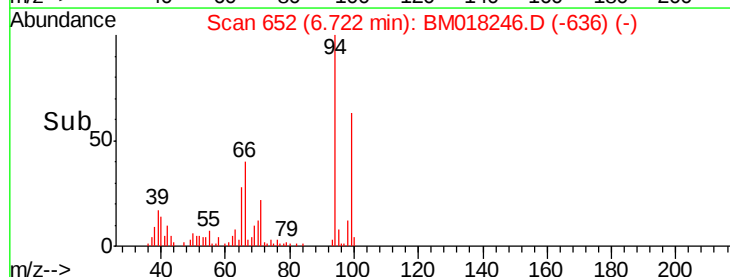
10000

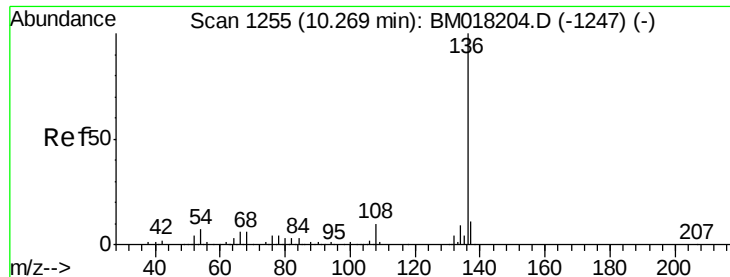
0

6.72

6.65 6.70 6.75 6.80

Time-->

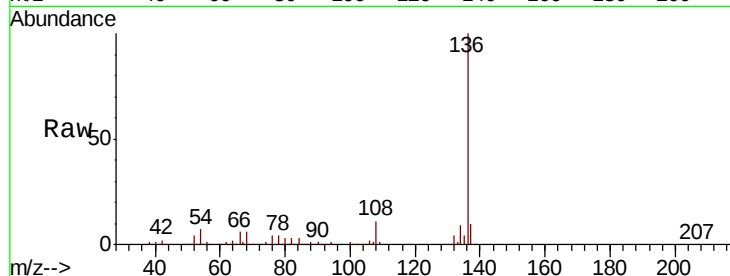




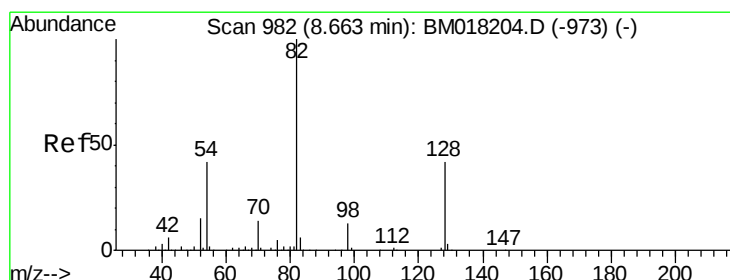
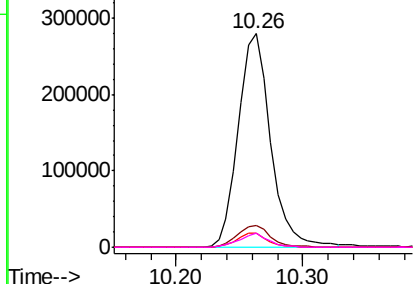
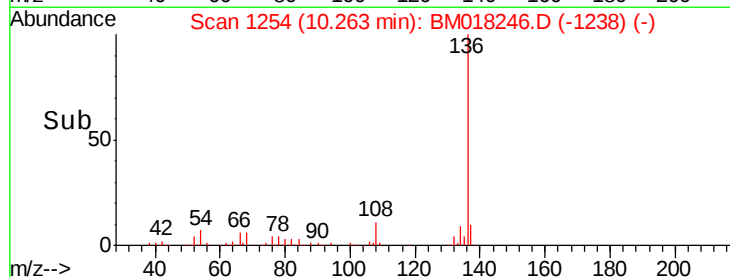
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.26 min Scan# 1254  
Delta R.T. -0.01 min  
Lab File: BM018246.D  
Acq: 17 Dec 2018 13:23

Instrument :  
BNA\_M  
ClientSampleId :  
P001-SS010-0006-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 496632 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 9.2   | 13.8   |
| 54       | 6.5   | 5.2   | 7.8    |
| 68       | 6.5   | 5.0   | 7.6    |

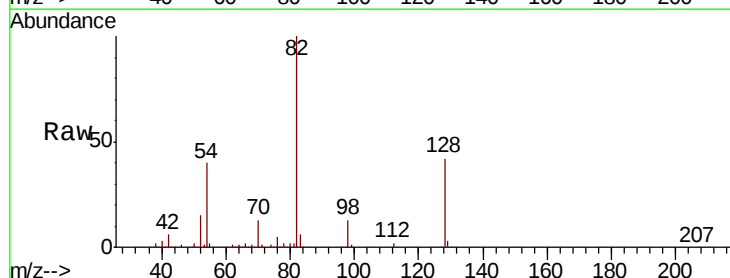


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

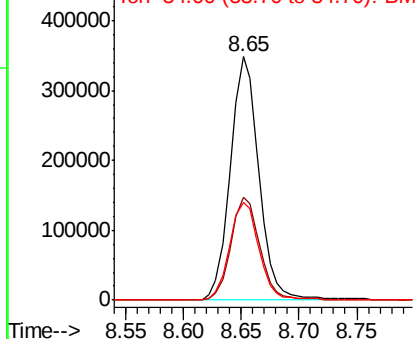
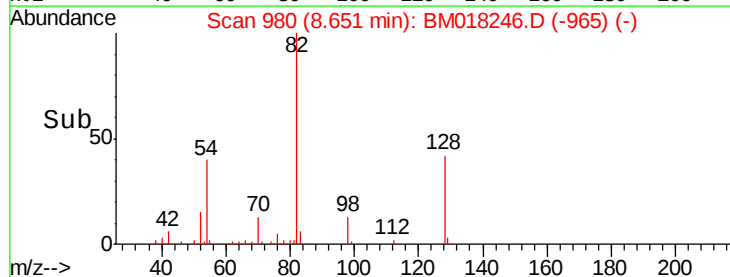


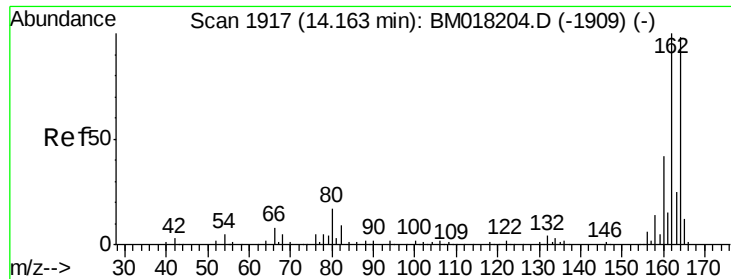
#23  
Nitrobenzene-d5  
Concen: 61.938 ng  
RT: 8.65 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BM018246.D  
Acq: 17 Dec 2018 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 599694 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.4  | 33.4  | 50.2   |
| 54       | 40.3  | 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: BM018246.D

Acq: 17 Dec 2018 13:23

Instrument :

BNA\_M

ClientSampleId :

P001-SS010-0006-01

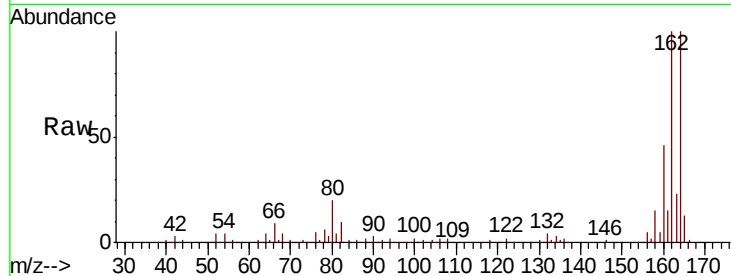
Tgt Ion:164 Resp: 237163

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

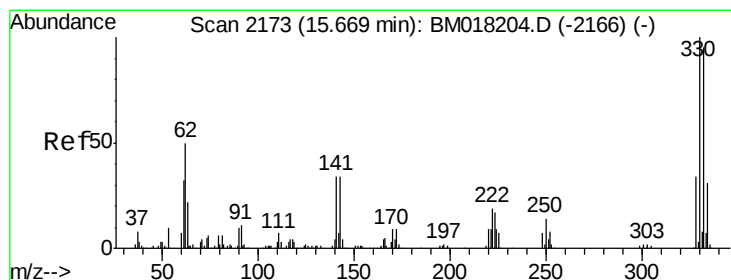
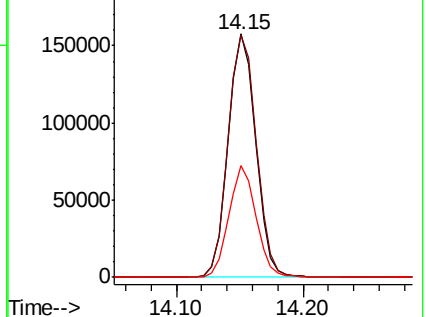
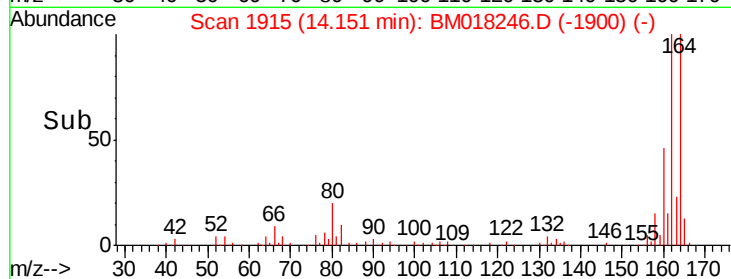
160 46.0 34.6 51.8



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: 69.913 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

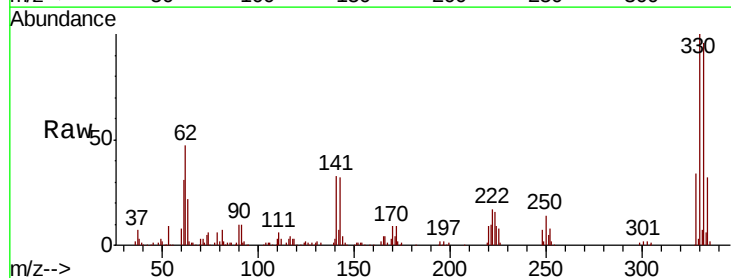
Tgt Ion:330 Resp: 243360

Ion Ratio Lower Upper

330 100

332 94.2 78.6 118.0

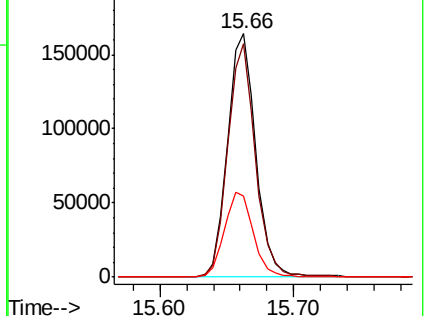
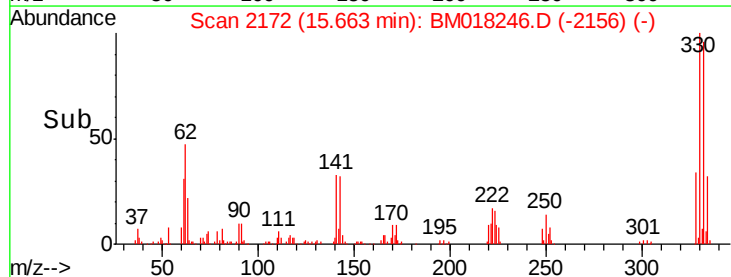
141 35.7 27.1 40.7

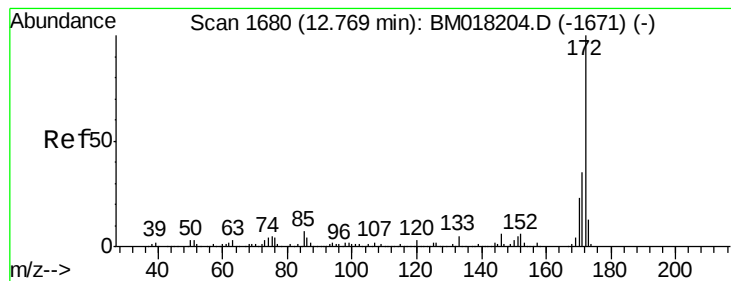


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 50.299 ng

RT: 12.76 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

Instrument :

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ClientSampleId :

P001-SS010-0006-01

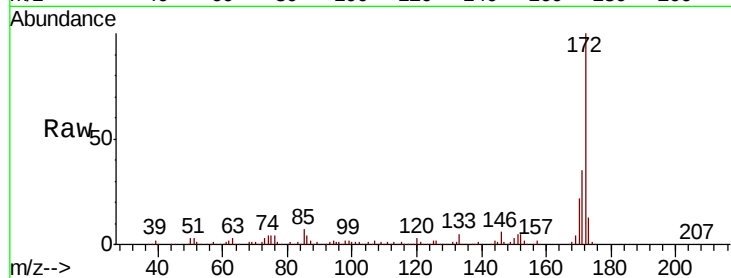
Tgt Ion:172 Resp: 920995

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

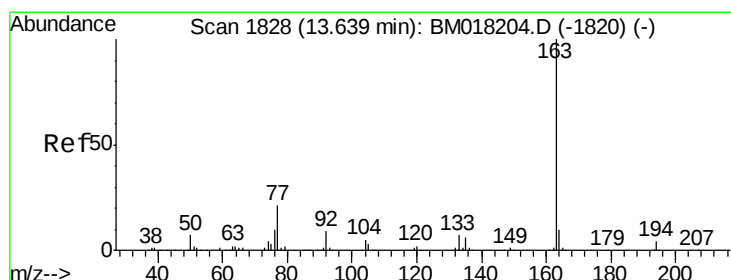
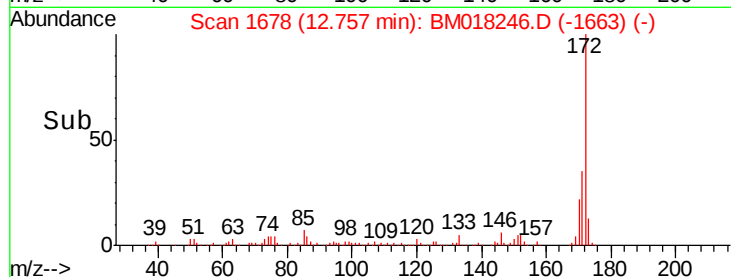
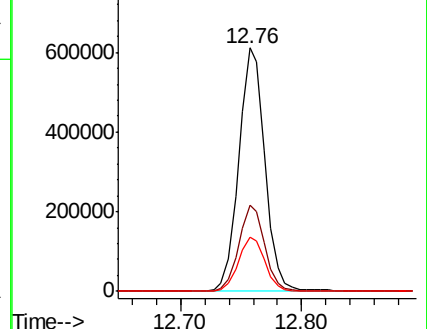
170 22.0 18.1 27.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 8.725 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

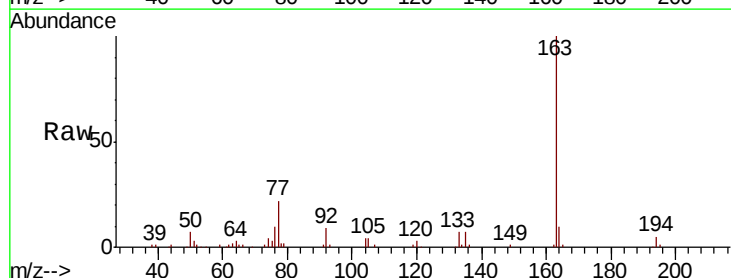
Tgt Ion:163 Resp: 172034

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

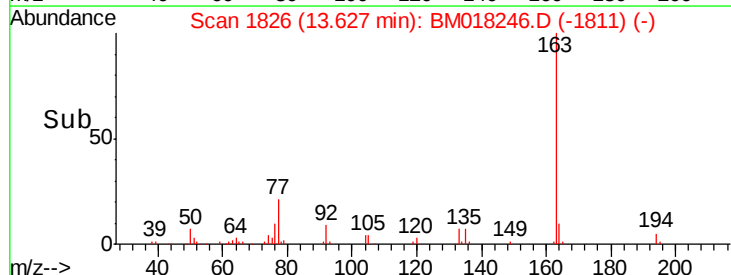
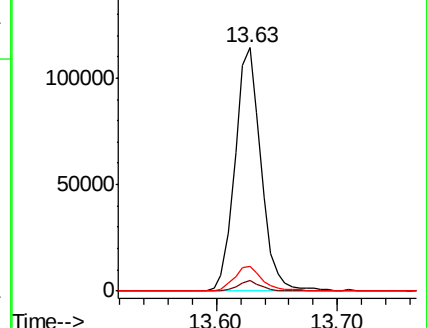
164 10.1 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

Instrument :

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ClientSampleId :

P001-SS010-0006-01

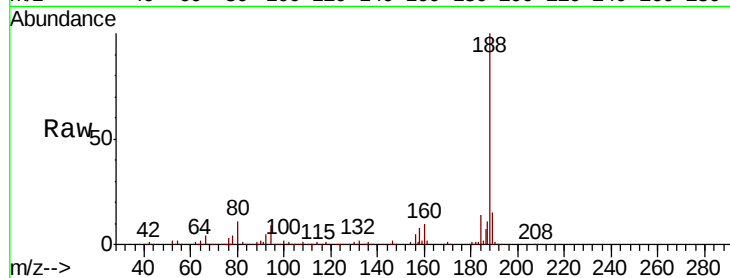
Tgt Ion:188 Resp: 437159

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

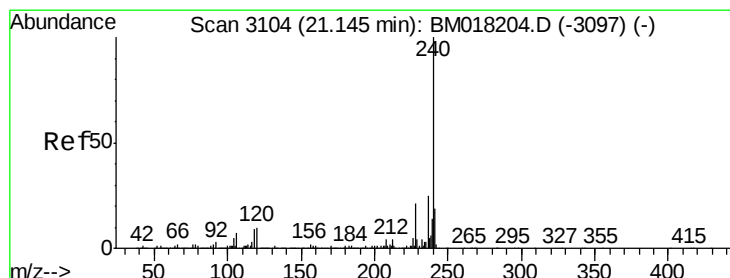
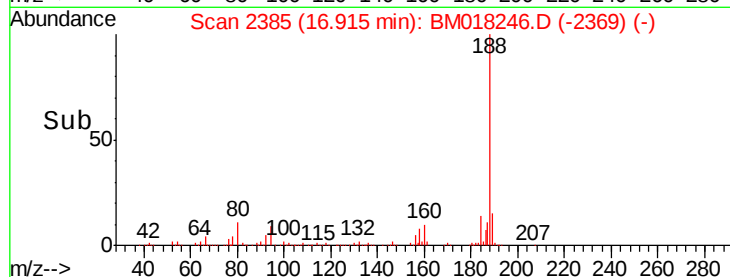
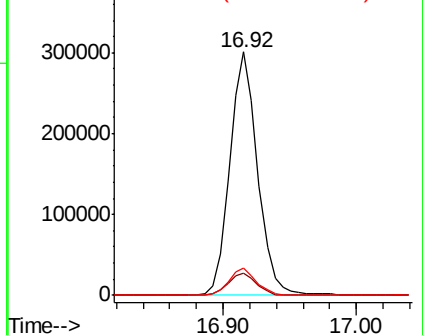
80 11.3 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

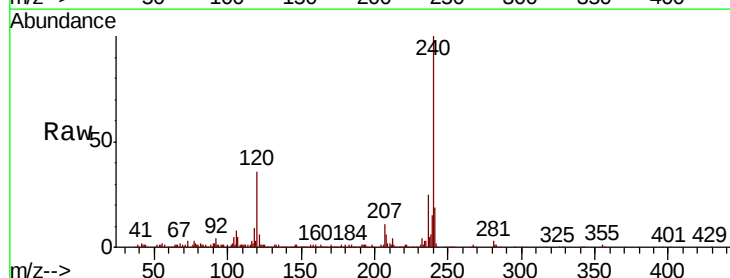
Tgt Ion:240 Resp: 421281

Ion Ratio Lower Upper

240 100

120 36.5 8.2 12.2#

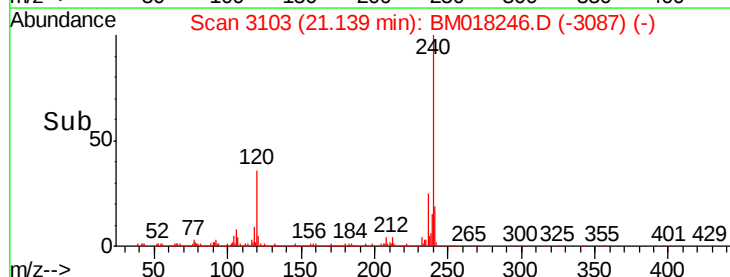
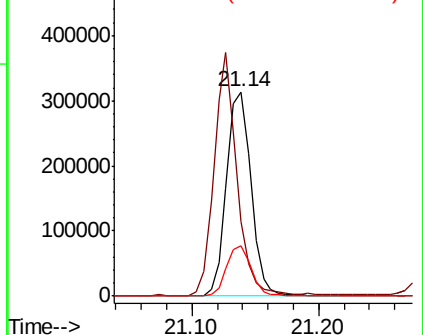
236 24.8 20.3 30.5

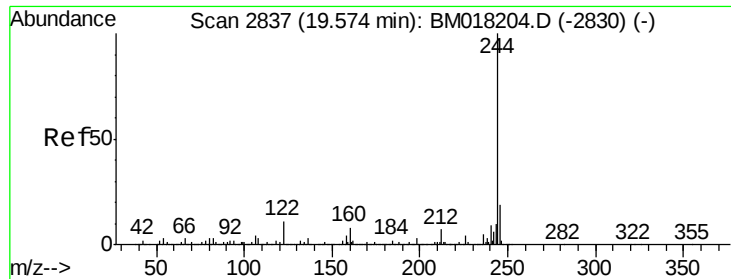


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 39.891 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018246.D

Acq: 17 Dec 2018 13:23

Instrument :

BNA\_M

ClientSampleId :

P001-SS010-0006-01

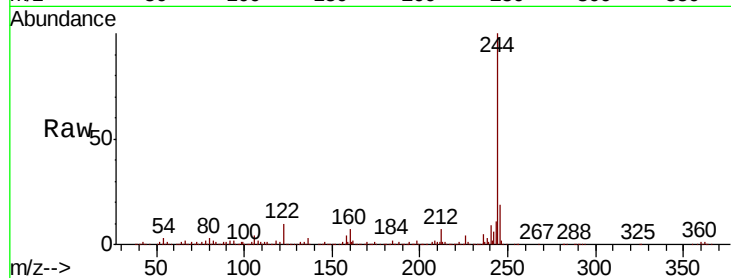
Tgt Ion:244 Resp: 743057

Ion Ratio Lower Upper

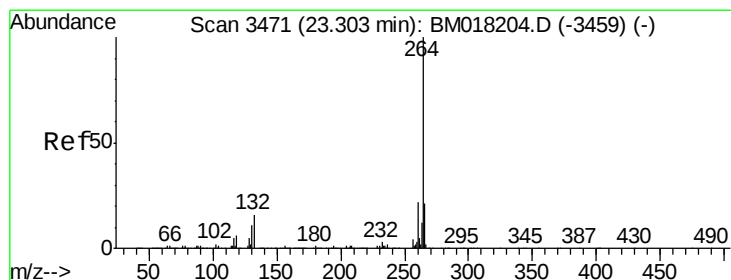
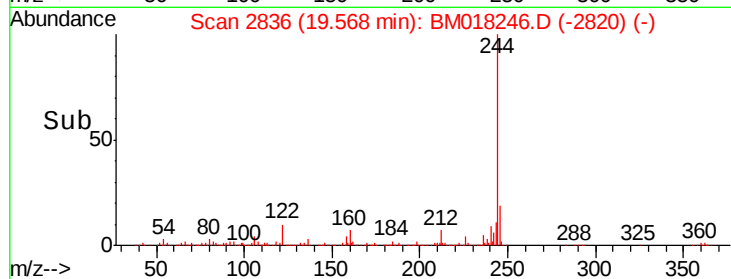
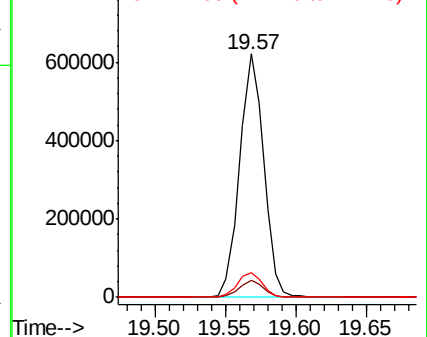
244 100

212 6.8 5.8 8.8

122 9.9 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: BM018246.D

Acq: 17 Dec 2018 13:23

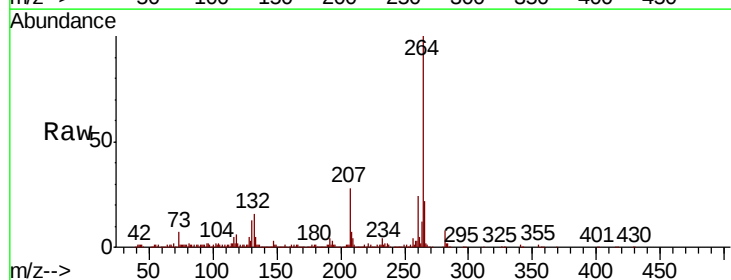
Tgt Ion:264 Resp: 488013

Ion Ratio Lower Upper

264 100

260 24.2 17.5 26.3

265 21.6 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

