

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\  
 Data File : BM011211.D  
 Acq On : 11 Aug 2017 21:07  
 Operator : SJ/JU  
 Sample : PB101443BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101443BL

Quant Time: Aug 11 23:20:20 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

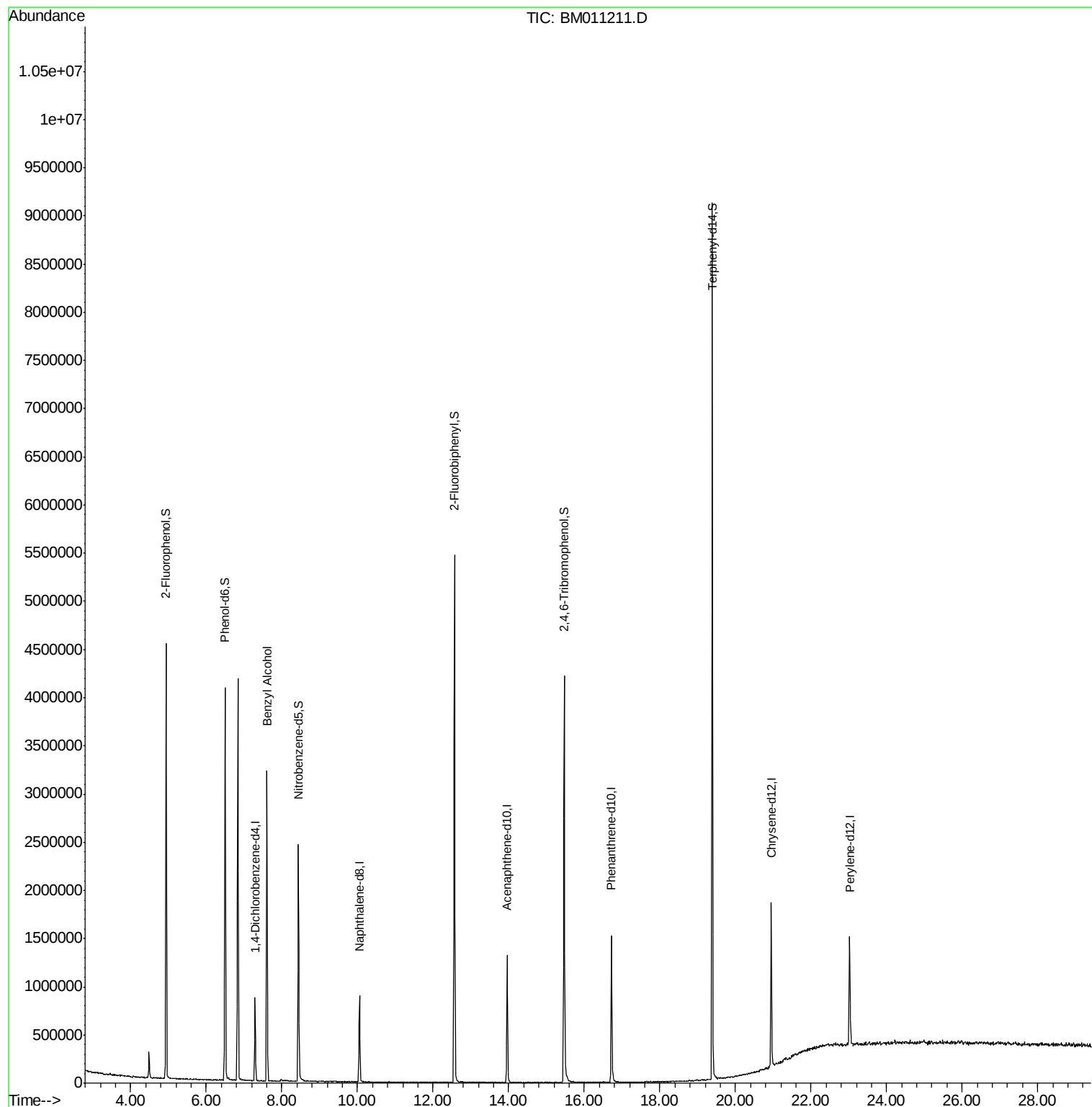
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.29  | 152  | 159708   | 20.00  | ng    | -0.10          |
| 21) Naphthalene-d8          | 10.05 | 136  | 557460   | 20.00  | ng    | -0.10          |
| 38) Acenaphthene-d10        | 13.96 | 164  | 374913   | 20.00  | ng    | -0.09          |
| 63) Phenanthrene-d10        | 16.72 | 188  | 890448   | 20.00  | ng    | -0.09          |
| 75) Chrysene-d12            | 20.94 | 240  | 886001   | 20.00  | ng    | -0.08          |
| 86) Perylene-d12            | 23.02 | 264  | 848547   | 20.00  | ng    | -0.12          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 4.93  | 112  | 1192040  | 126.17 | ng    | -0.09          |
| 7) Phenol-d6                | 6.50  | 99   | 1597114  | 118.98 | ng    | -0.09          |
| 23) Nitrobenzene-d5         | 8.44  | 82   | 1377232  | 92.72  | ng    | -0.10          |
| 41) 2,4,6-Tribromophenol    | 15.47 | 330  | 611389   | 101.74 | ng    | -0.09          |
| 44) 2-Fluorobiphenyl        | 12.57 | 172  | 2404619  | 80.44  | ng    | -0.09          |
| 78) Terphenyl-d14           | 19.39 | 244  | 3454711  | 77.24  | ng    | -0.08          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 7.60  | 79   | 26391    | 2.05   | ng    | Qvalue<br># 53 |

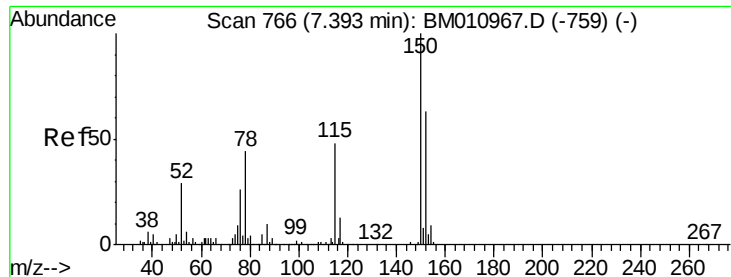
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\  
Data File : BM011211.D  
Acq On : 11 Aug 2017 21:07  
Operator : SJ/JU  
Sample : PB101443BL  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB101443BL

Quant Time: Aug 11 23:20:20 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 26 17:29:06 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampled :

PB101443BL

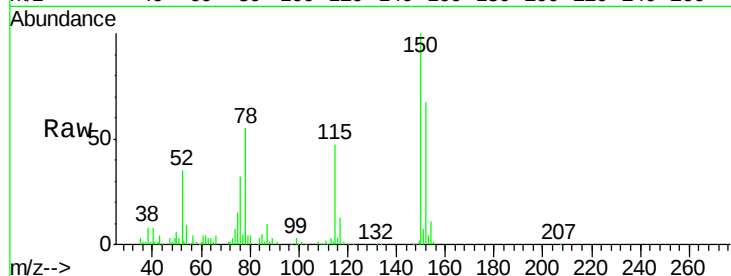
Tot Ion:152 Resp: 159708

Ion Ratio Lower Upper

152 100

150 149.5 119.5 179.3

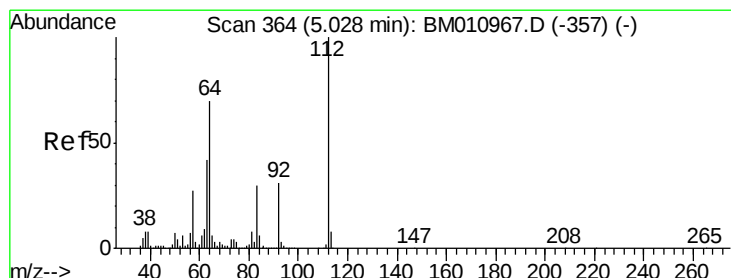
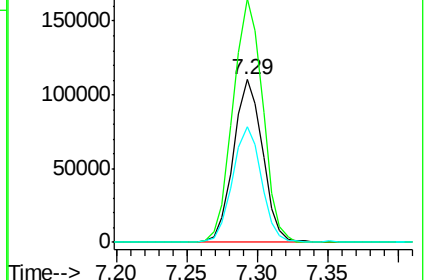
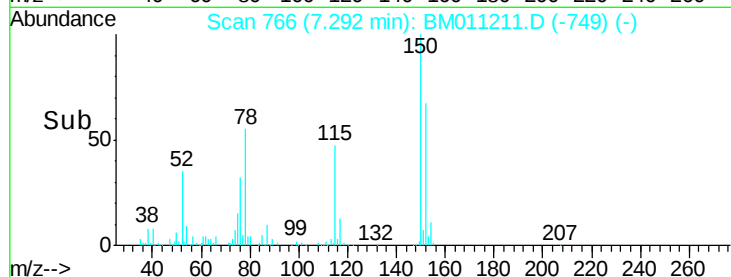
115 70.8 43.0 64.4#



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: 126.17 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

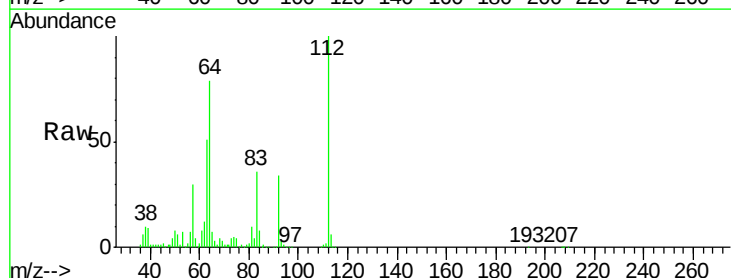
Tgt Ion:112 Resp: 1192040

Ion Ratio Lower Upper

112 100

64 79.0 38.6 57.8#

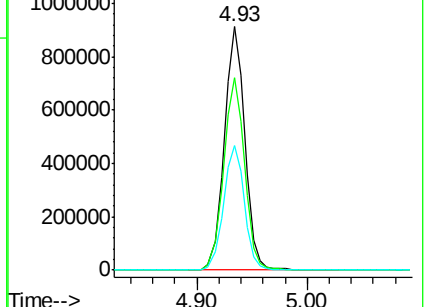
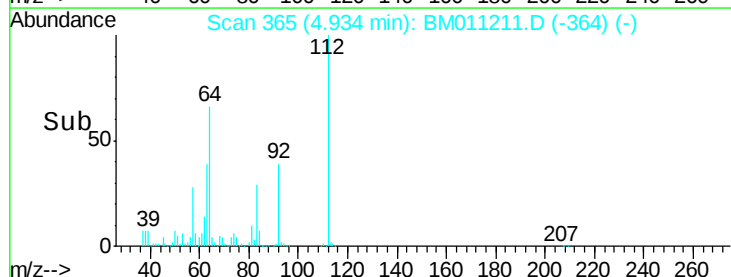
63 50.9 19.3 28.9#

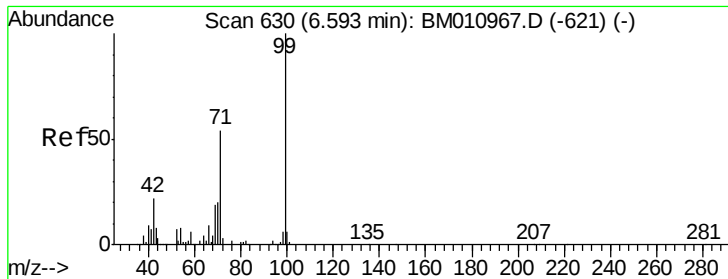


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 118.98 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampleId :

PB101443BL

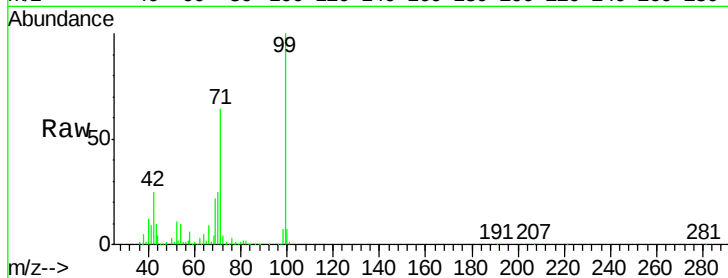
Tot Ion: 99 Resp: 1597114

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

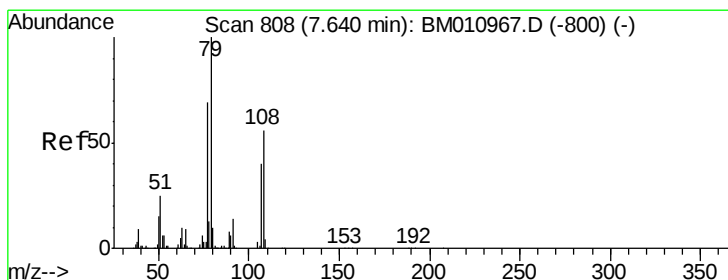
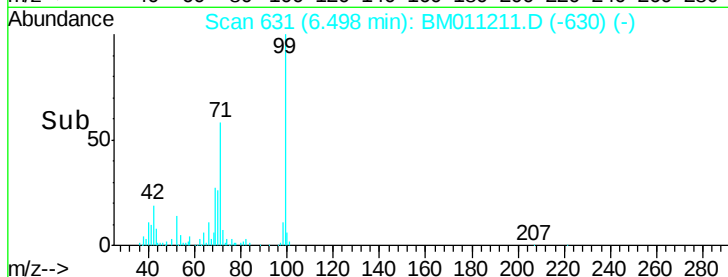
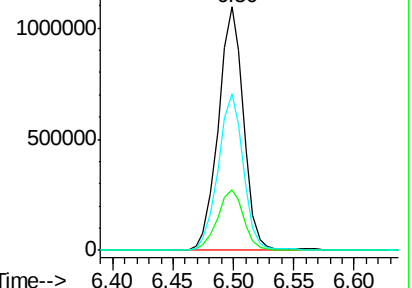
71 64.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011211.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011211.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011211.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

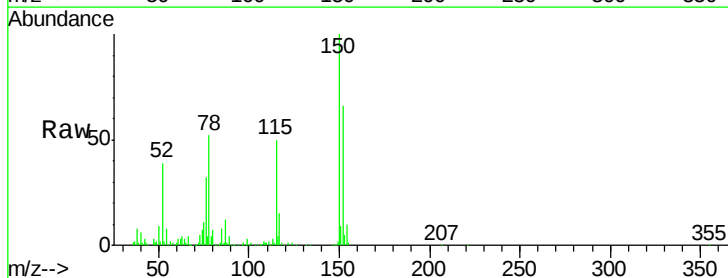
Tgt Ion: 79 Resp: 26391

Ion Ratio Lower Upper

79 100

108 44.0 65.0 97.4#

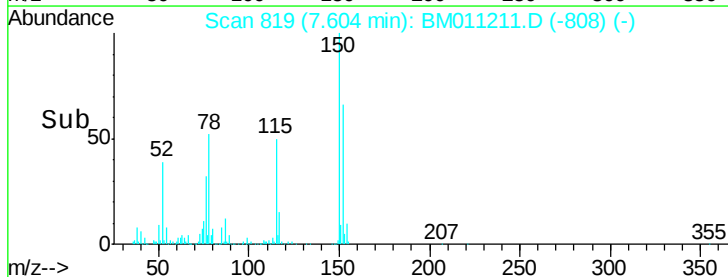
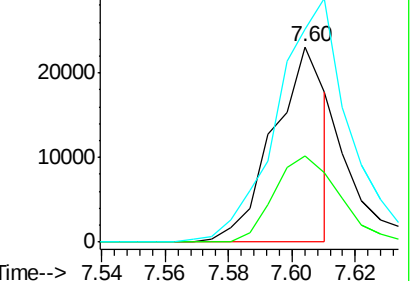
77 109.1 53.0 79.6#

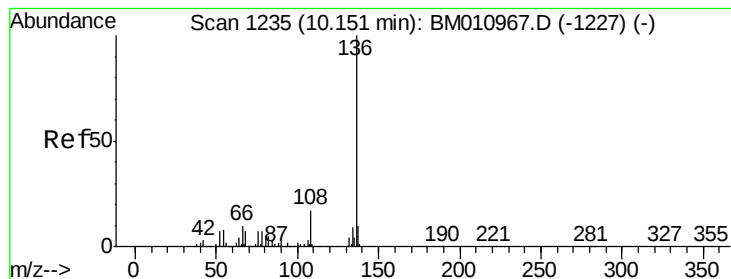


Abundance Ion 79.00 (78.70 to 79.70): BM011211.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011211.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011211.D (-808) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampleId :

PB101443BL

Tot Ion:136 Resp: 557460

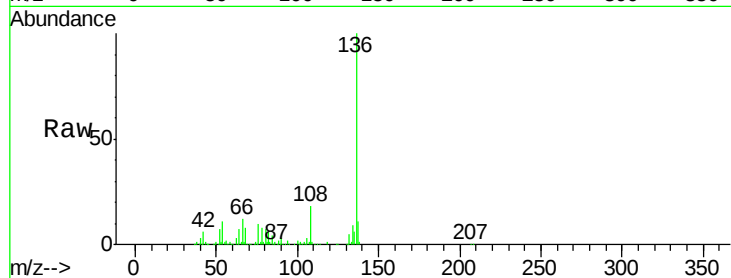
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 4.6 6.8#

68 7.6 3.7 5.5#

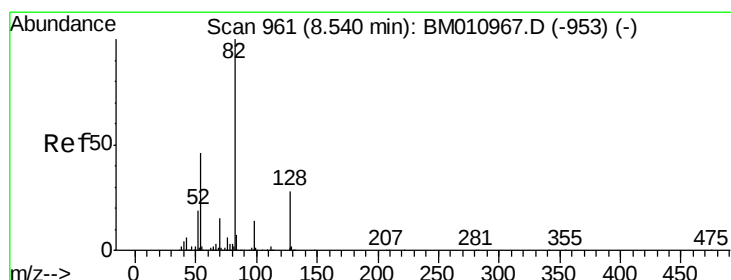
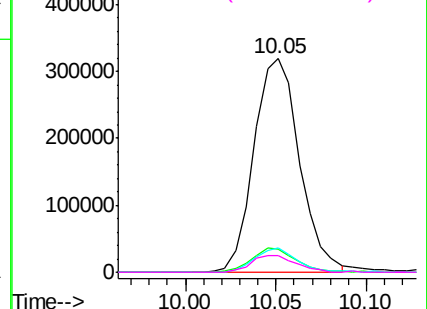
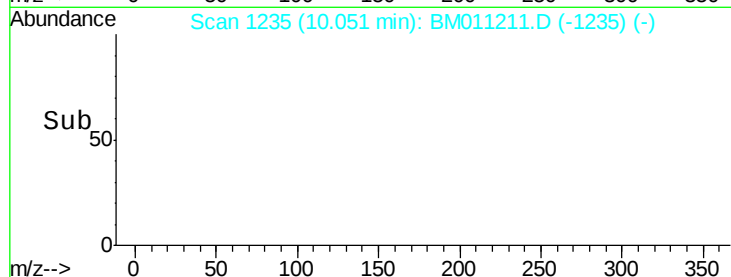


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.72 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

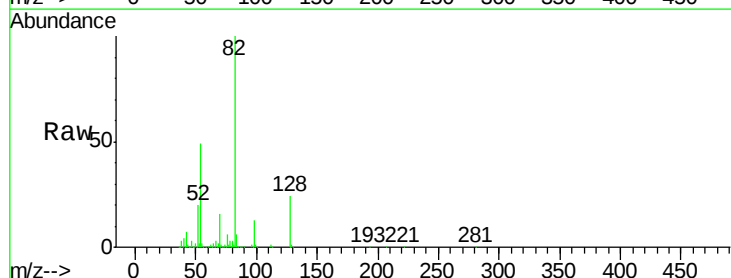
Tgt Ion: 82 Resp: 1377232

Ion Ratio Lower Upper

82 100

128 24.1 32.8 49.2#

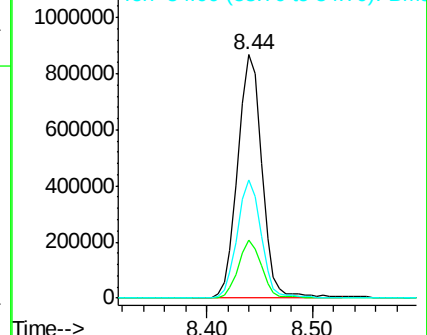
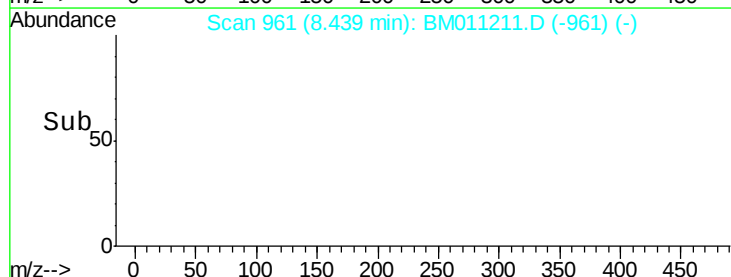
54 48.6 40.6 60.8

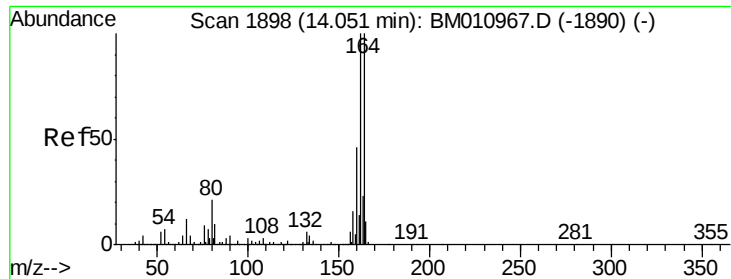


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampleId :

PB101443BL

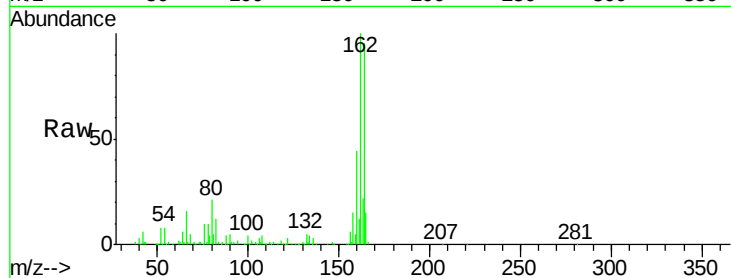
Tot Ion:164 Resp: 374913

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

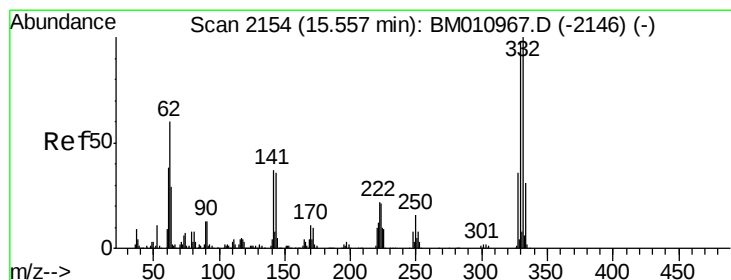
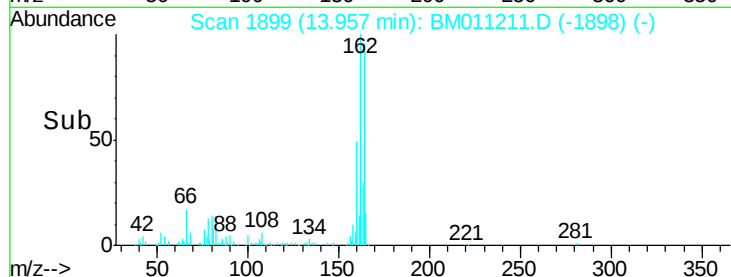
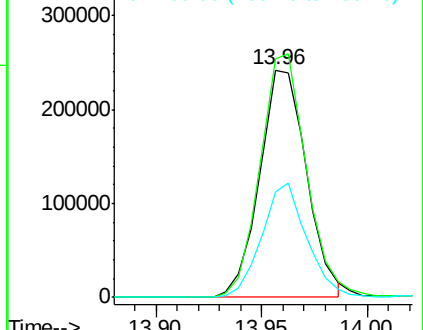
160 46.3 35.8 53.6



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: 101.74 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

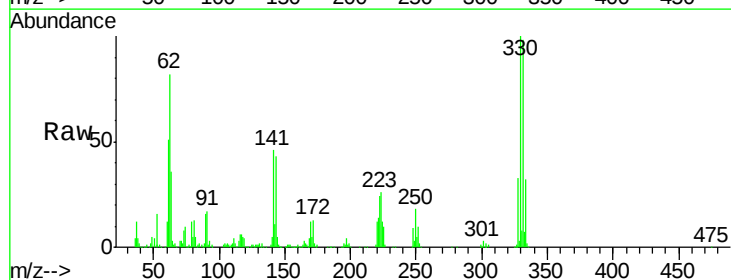
Tgt Ion:330 Resp: 611389

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

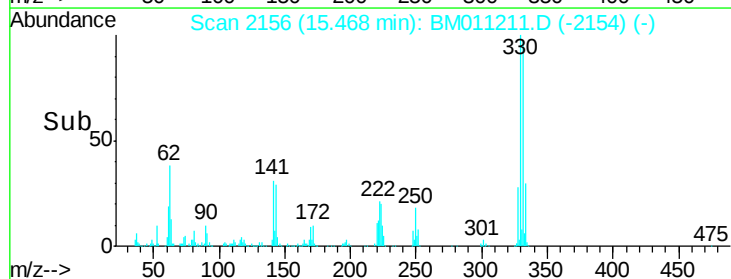
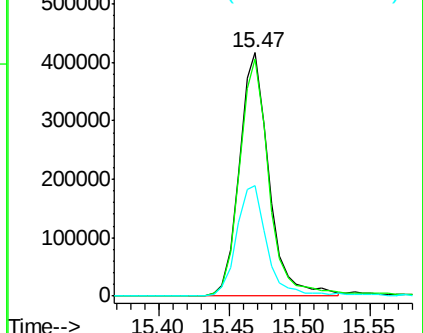
141 46.0 0.0 0.0#

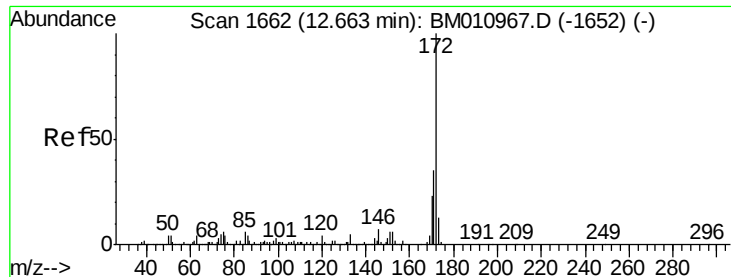


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

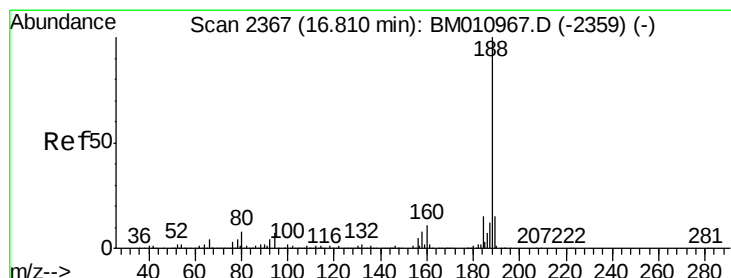
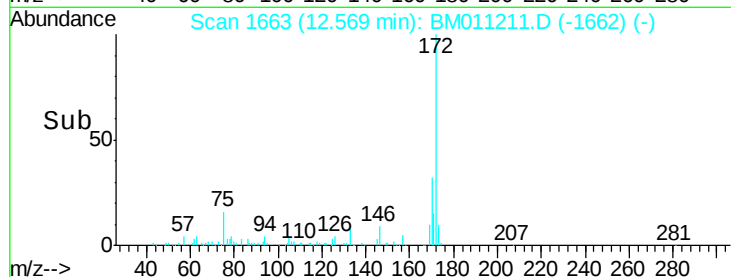
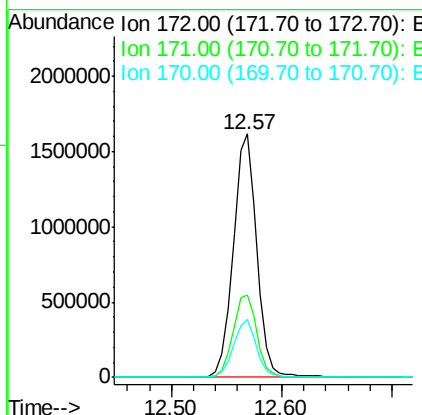
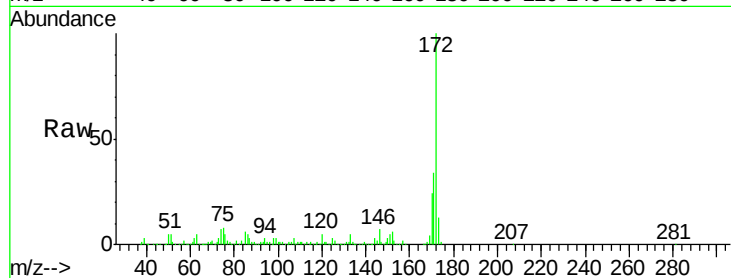




#44  
2-Fluorobiphenyl  
Concen: 80.44 ng  
RT: 12.57 min Scan# 1663  
Delta R.T. -0.09 min  
Lab File: BM011211.D  
Acq: 11 Aug 2017 21:07

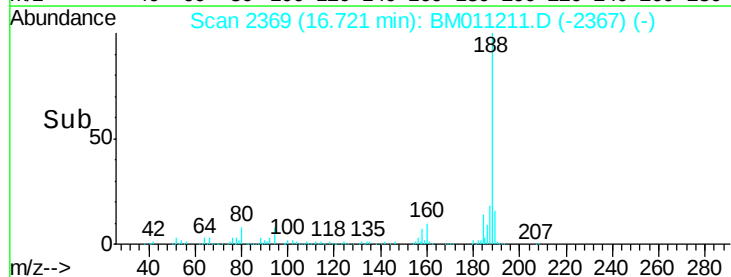
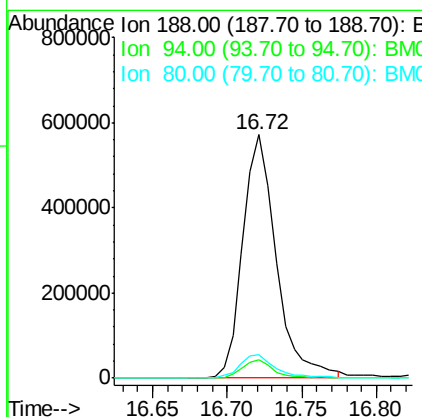
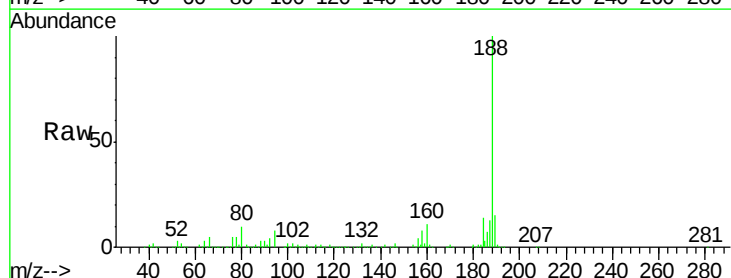
Instrument :  
BNA\_M  
ClientSampleId :  
PB101443BL

Tot Ion:172 Resp: 2404619  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.5 42.7  
170 23.6 18.8 28.2



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.72 min Scan# 2369  
Delta R.T. -0.09 min  
Lab File: BM011211.D  
Acq: 11 Aug 2017 21:07

Tgt Ion:188 Resp: 890448  
Ion Ratio Lower Upper  
188 100  
94 7.7 8.7 13.1#  
80 9.6 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampleId :

PB101443BL

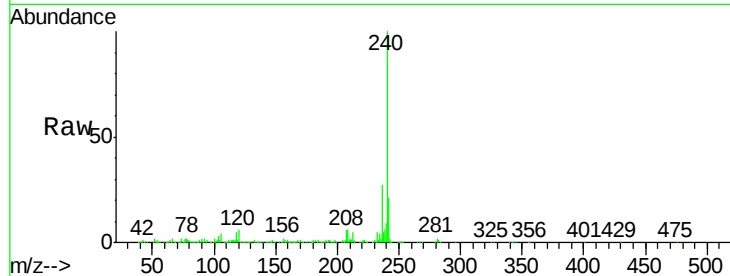
Tot Ion:240 Resp: 886001

Ion Ratio Lower Upper

240 100

120 5.6 8.2 12.2#

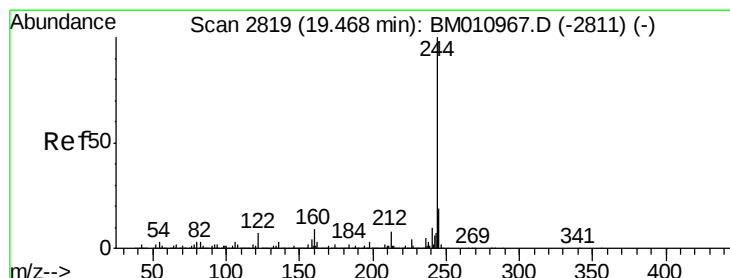
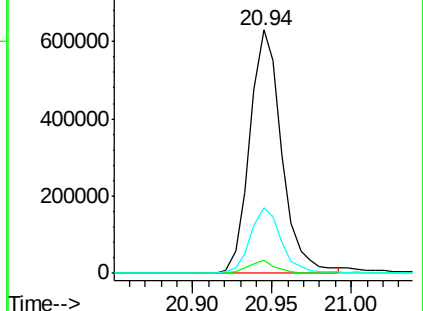
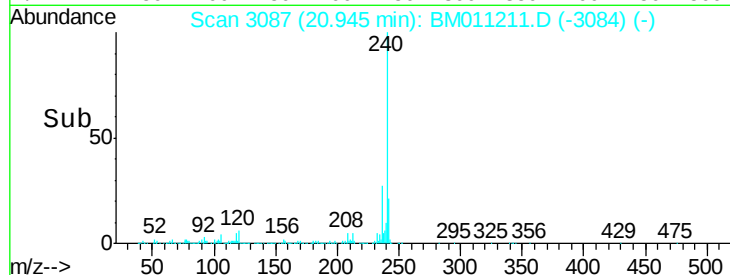
236 26.9 20.0 30.0



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



#78

Terphenyl-d14

Concen: 77.24 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

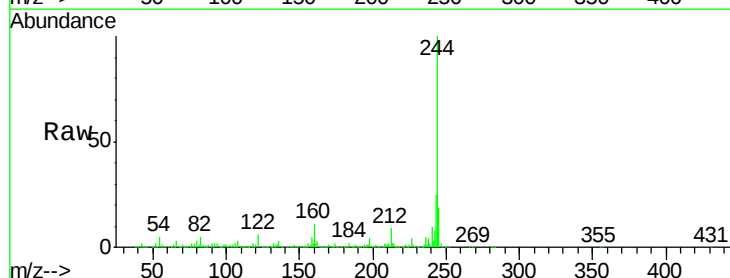
Tgt Ion:244 Resp: 3454711

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

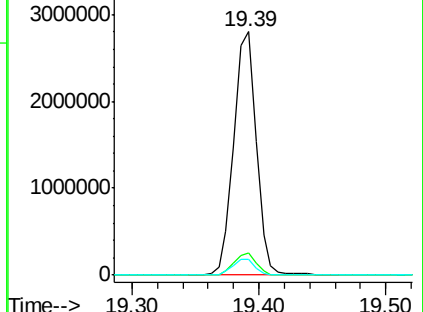
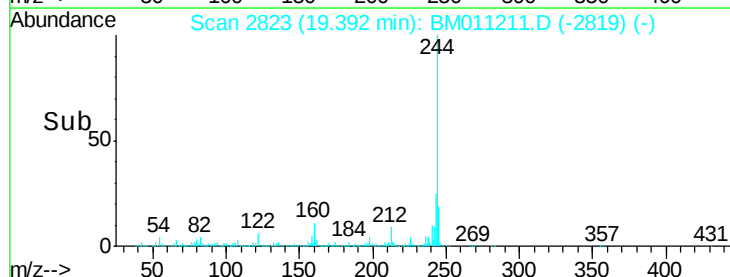
122 6.3 6.2 9.4

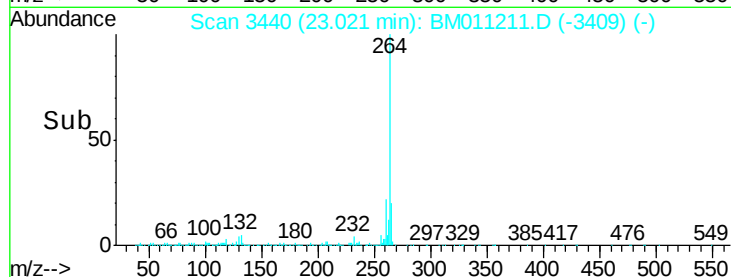
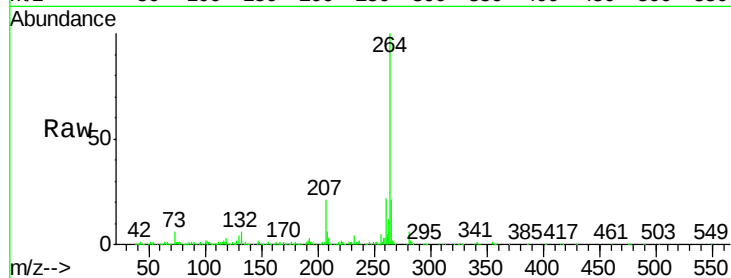
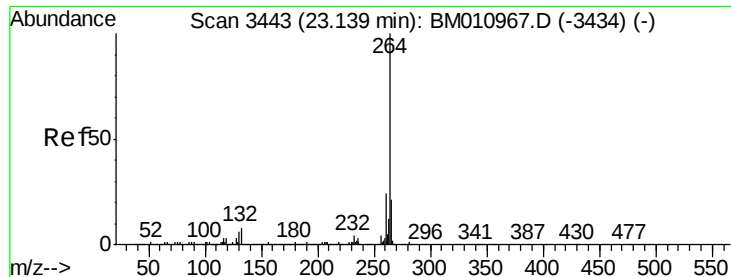


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011211.D

Acq: 11 Aug 2017 21:07

Instrument :

BNA\_M

ClientSampleId :

PB101443BL

Tot Ion:264 Resp: 848547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.4  | 18.6  | 27.8  |
| 265 | 21.1  | 17.3  | 25.9  |

