

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\  
 Data File : BM018766.D  
 Acq On : 11 Feb 2019 20:16  
 Operator : JU/SJ  
 Sample : K1449-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-6-OW

Quant Time: Feb 12 07:41:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

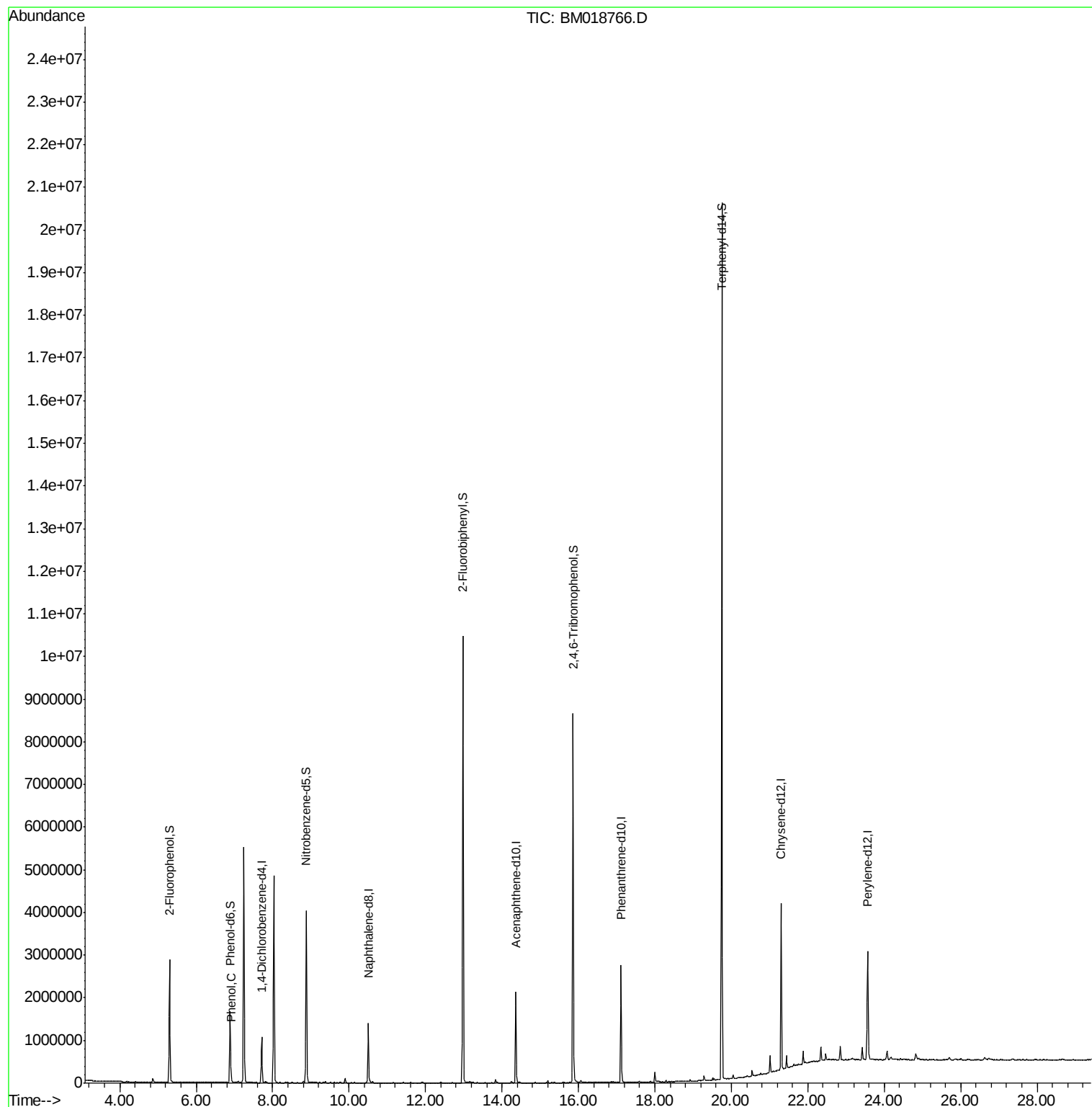
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 277239   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.50 | 136  | 1139309  | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.36 | 164  | 665200   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.11 | 188  | 1564380  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.30 | 240  | 1786345  | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 23.57 | 264  | 1812402  | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1159690  | 68.54  | ng    | 0.00      |
| 7) Phenol-d6                | 6.89  | 99   | 975427   | 40.92  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.88  | 82   | 2540964  | 103.12 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.86 | 330  | 1578724  | 164.64 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.98 | 172  | 5077572  | 101.33 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.75 | 244  | 9125643  | 105.38 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.91  | 94   | 56673    | 2.260  | ng    | Qvalue 94 |

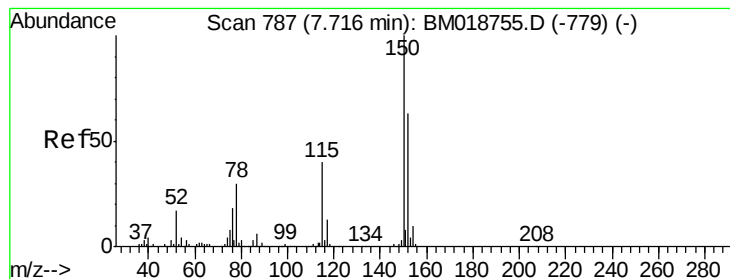
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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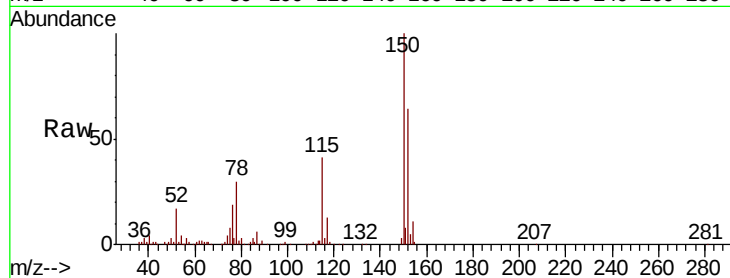




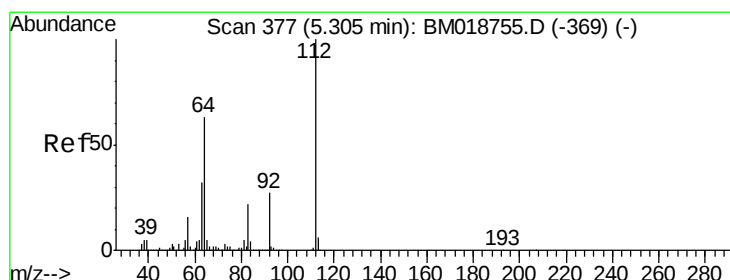
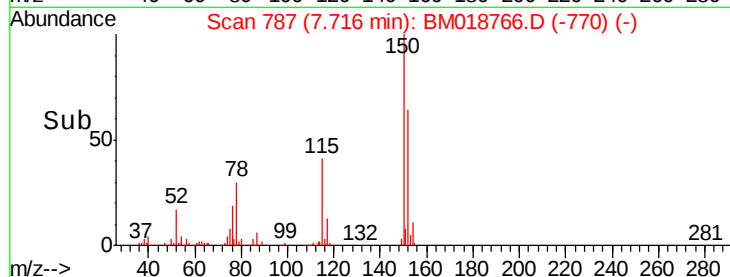
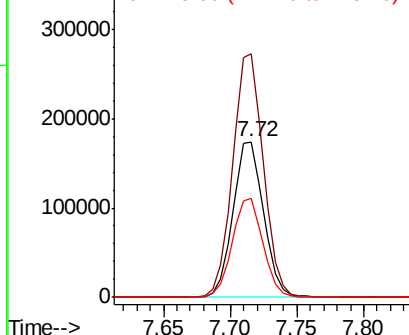
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.72 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BM018766.D  
 Acq: 11 Feb 2019 20:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-6-OW

Tot Ion:152 Resp: 277239  
 Ion Ratio Lower Upper  
 152 100  
 150 156.8 127.3 190.9  
 115 64.1 50.8 76.2

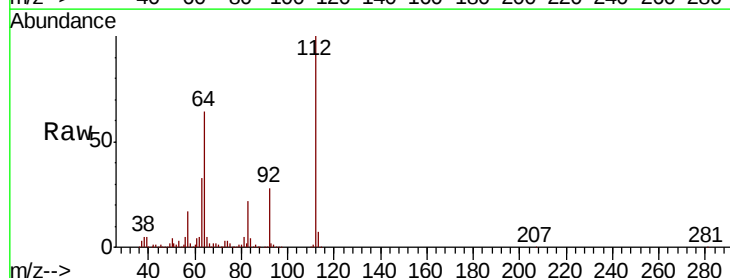


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

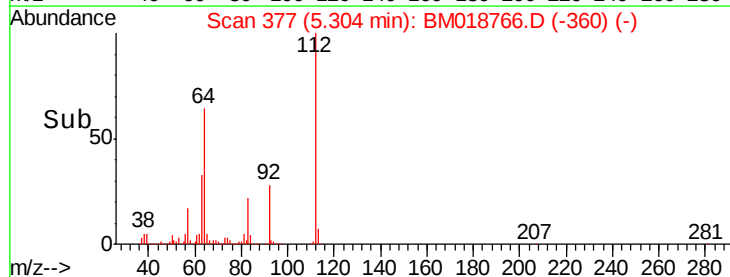
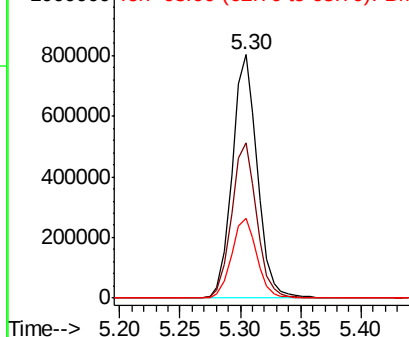


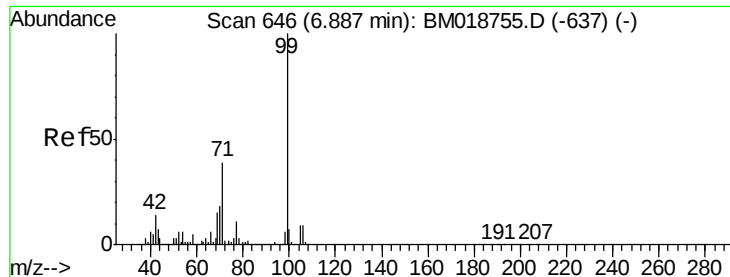
#5  
 2-Fluorophenol  
 Concen: 68.537 ng  
 RT: 5.30 min Scan# 377  
 Delta R.T. -0.00 min  
 Lab File: BM018766.D  
 Acq: 11 Feb 2019 20:16

Tgt Ion:112 Resp: 1159690  
 Ion Ratio Lower Upper  
 112 100  
 64 63.7 50.6 75.8  
 63 32.5 25.7 38.5



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: 40.921 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA\_M

ClientSampleId :

B-6-OW

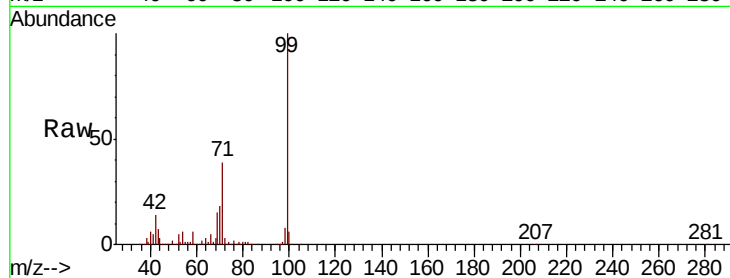
Tot Ion: 99 Resp: 975427

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

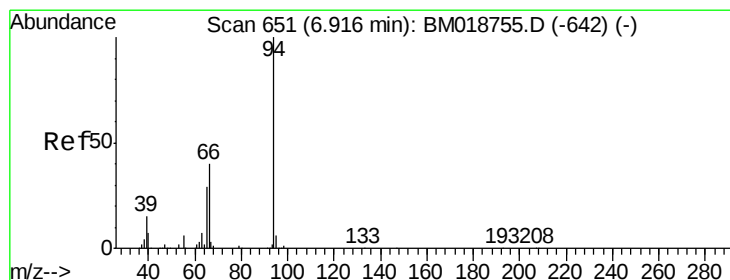
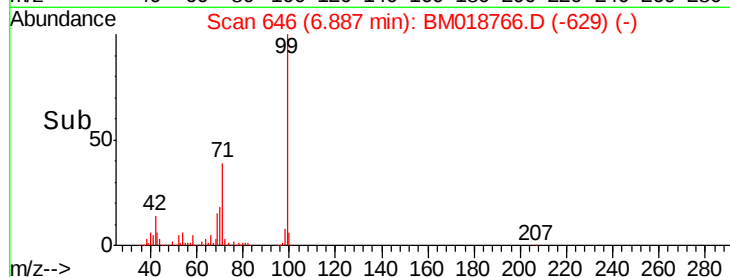
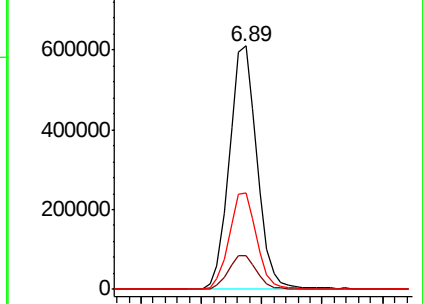
71 39.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 2.260 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

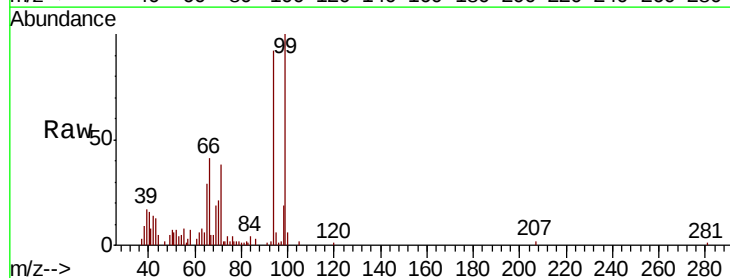
Tgt Ion: 94 Resp: 56673

Ion Ratio Lower Upper

94 100

65 31.6 9.6 49.6

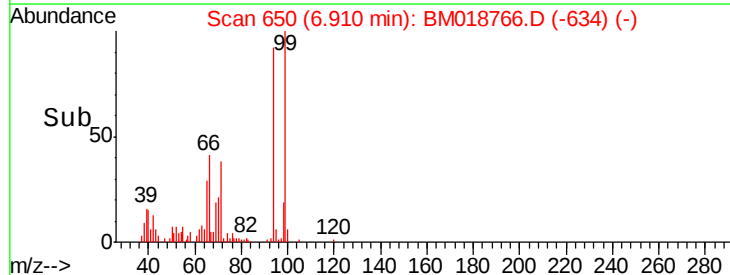
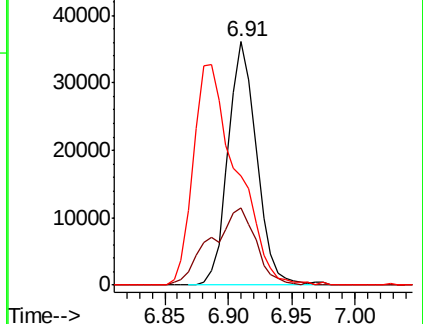
66 44.6 20.4 60.4

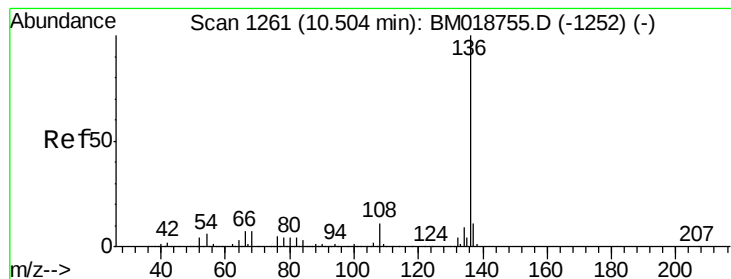


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA\_M

ClientSampleId :

B-6-OW

Tot Ion:136 Resp: 1139309

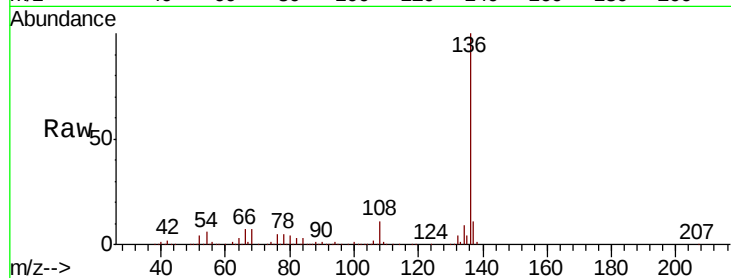
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.3 5.0 7.6

68 6.8 5.5 8.3

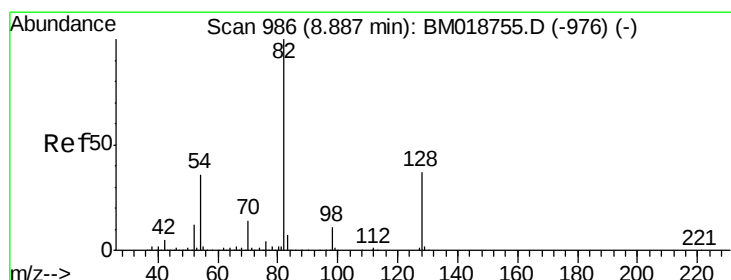
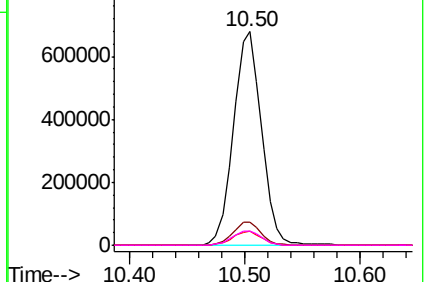
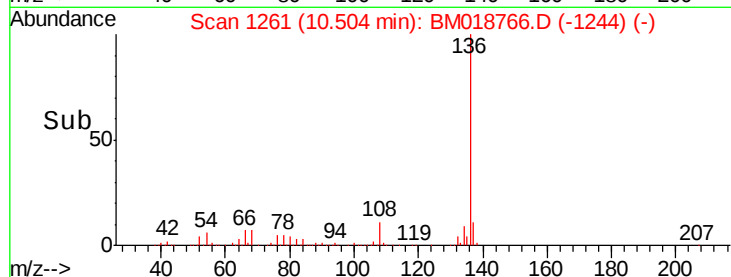


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.125 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

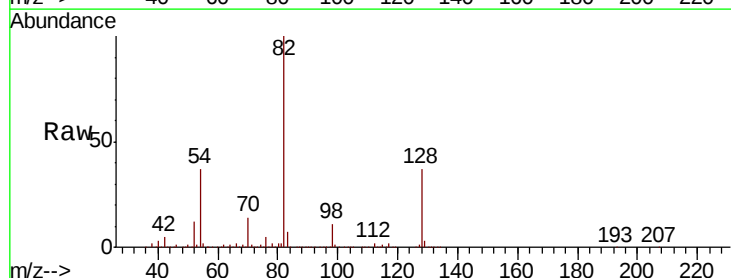
Tgt Ion: 82 Resp: 2540964

Ion Ratio Lower Upper

82 100

128 36.9 29.9 44.9

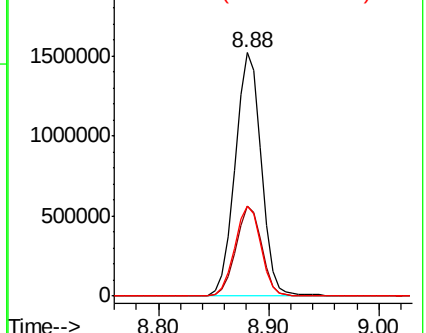
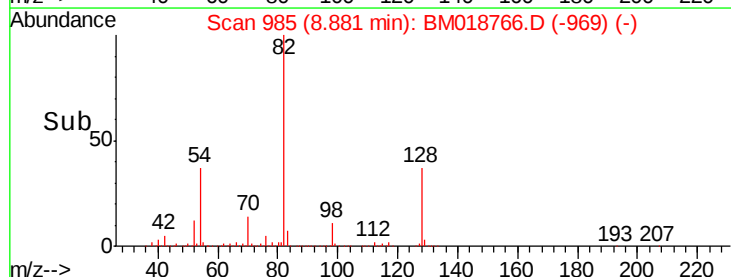
54 37.2 29.1 43.7

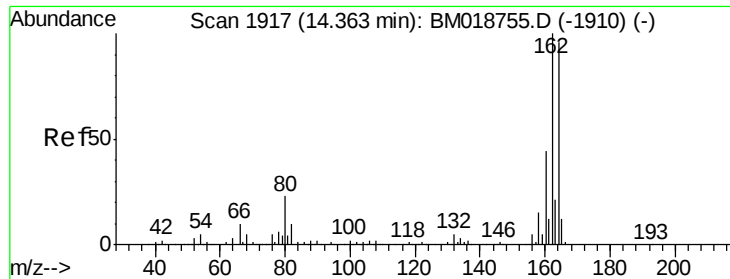


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA\_M

ClientSampleId :

B-6-OW

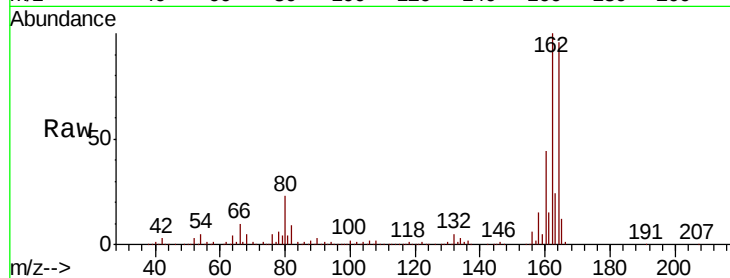
Tot Ion:164 Resp: 665200

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

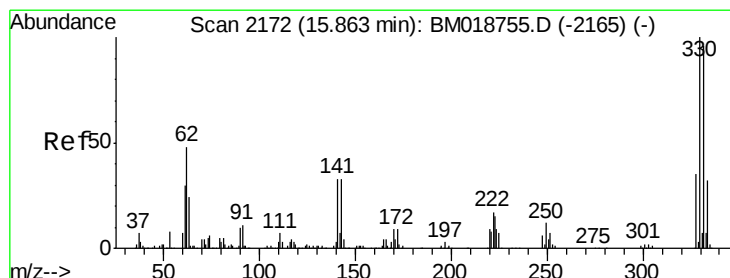
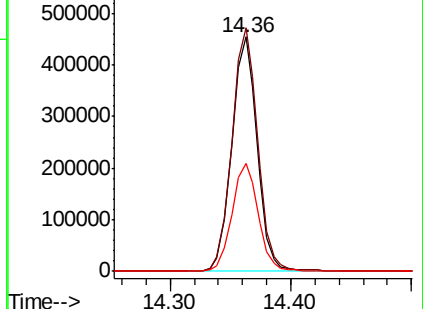
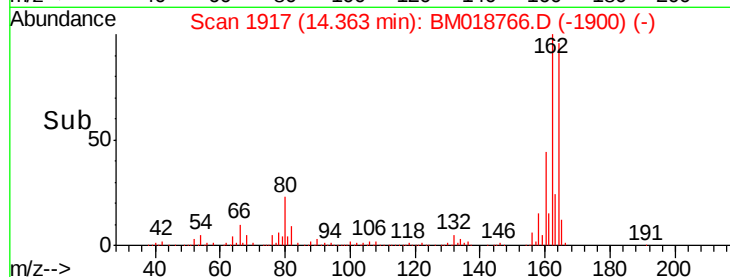
160 46.2 36.6 55.0



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: 164.645 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

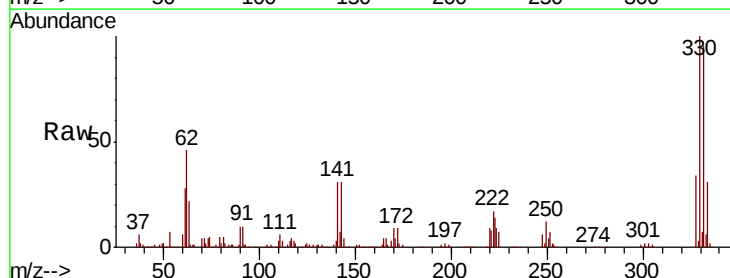
Tgt Ion:330 Resp: 1578724

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

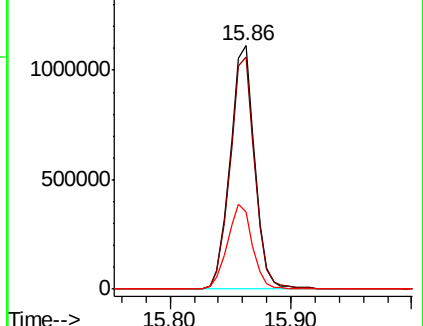
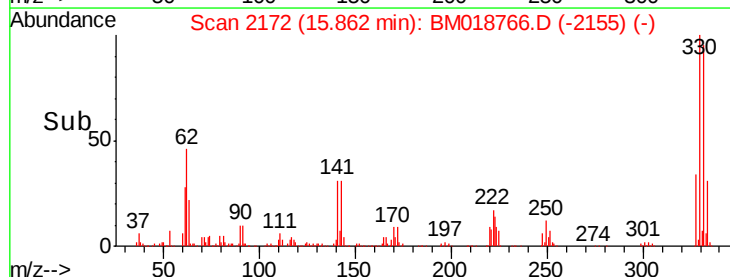
141 35.4 28.7 43.1



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



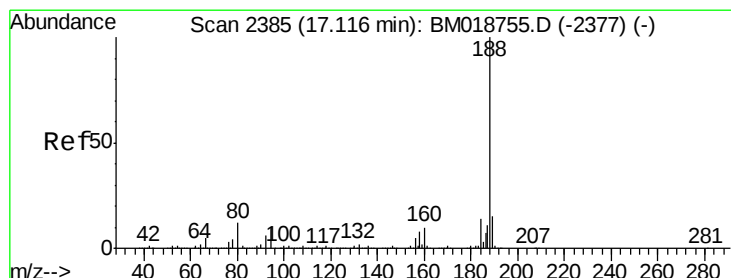
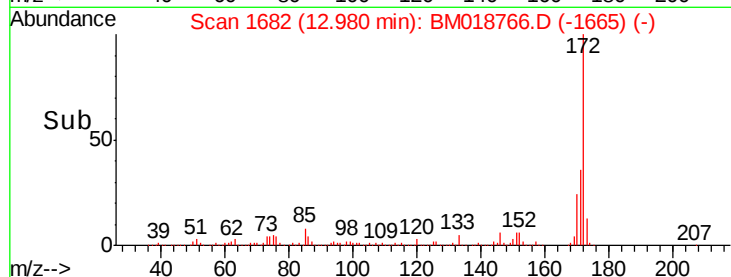
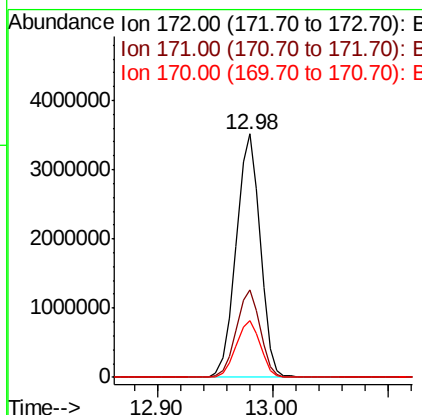
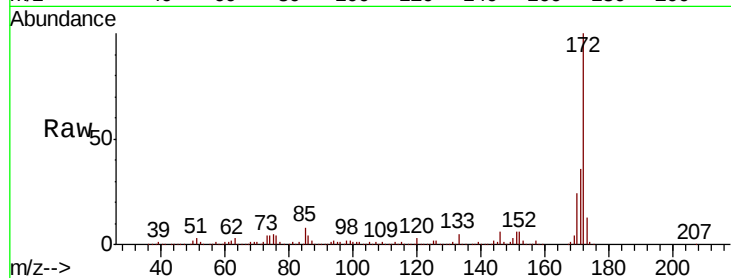


#45  
2-Fluorobiphenyl  
Concen: 101.328 ng  
RT: 12.98 min Scan# 1682  
Delta R.T. -0.00 min  
Lab File: BM018766.D  
Acq: 11 Feb 2019 20:16

Instrument :  
BNA\_M  
ClientSampleId :  
B-6-OW

Tot Ion:172 Resp: 5077572

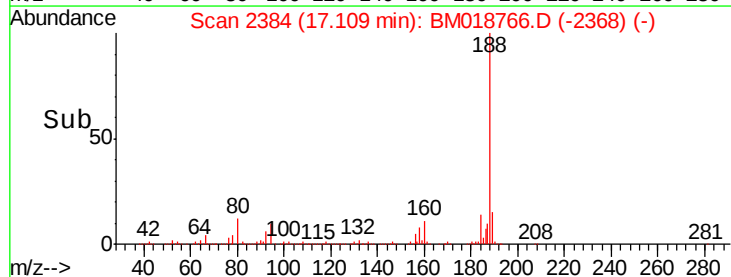
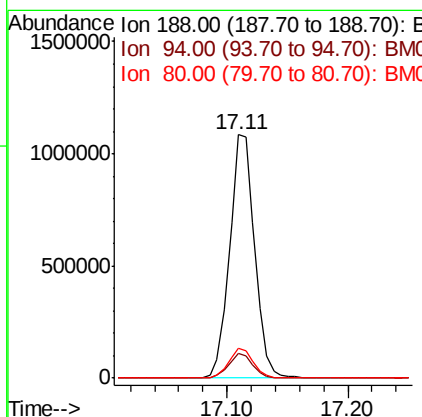
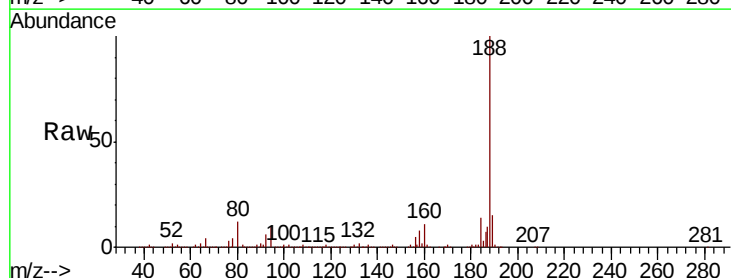
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.0  | 29.0  | 43.6  |
| 170 | 23.6  | 18.6  | 28.0  |

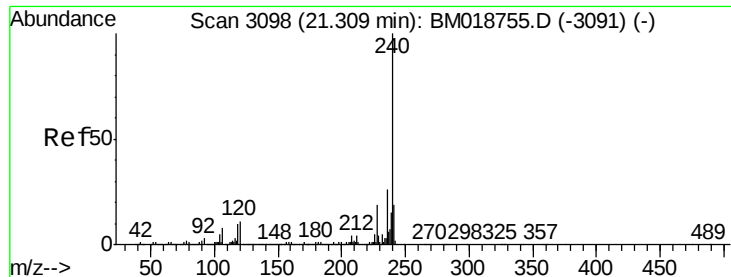


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.11 min Scan# 2384  
Delta R.T. -0.01 min  
Lab File: BM018766.D  
Acq: 11 Feb 2019 20:16

Tgt Ion:188 Resp: 1564380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.2  | 8.2   | 12.2  |
| 80  | 12.4  | 9.7   | 14.5  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA\_M

ClientSampleId :

B-6-OW

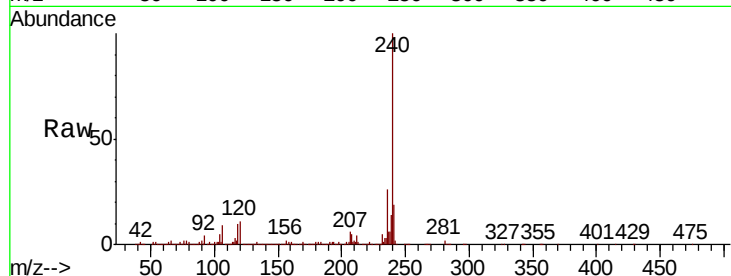
Tot Ion:240 Resp: 1786345

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

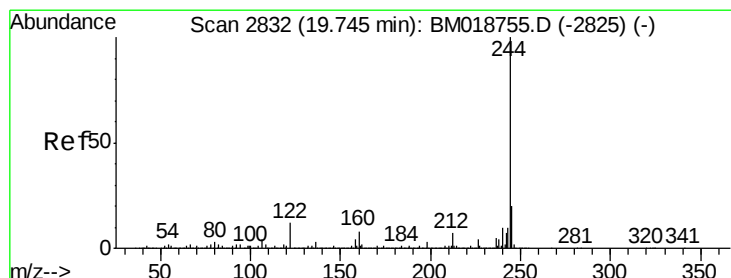
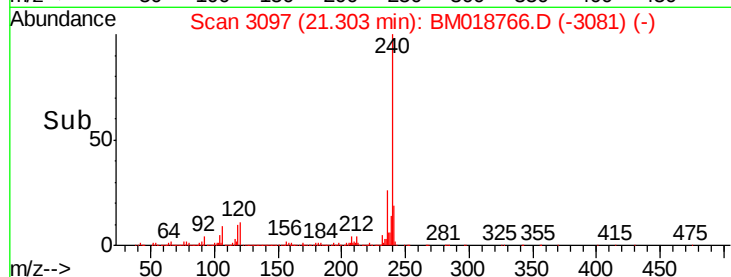
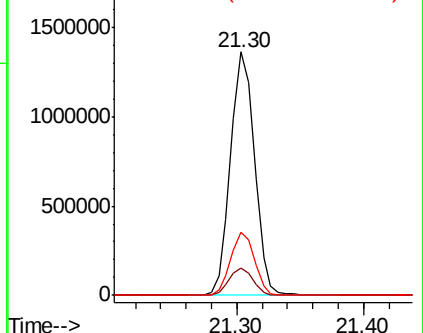
236 26.1 20.9 31.3



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: 105.384 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

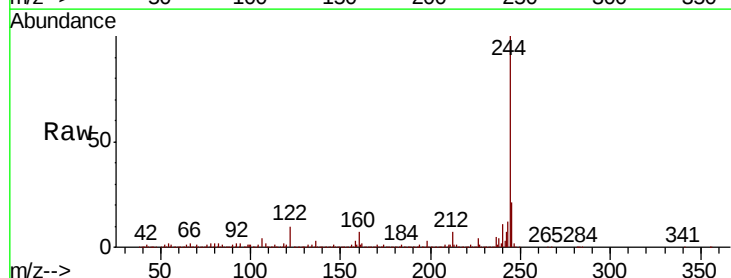
Tgt Ion:244 Resp: 9125643

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

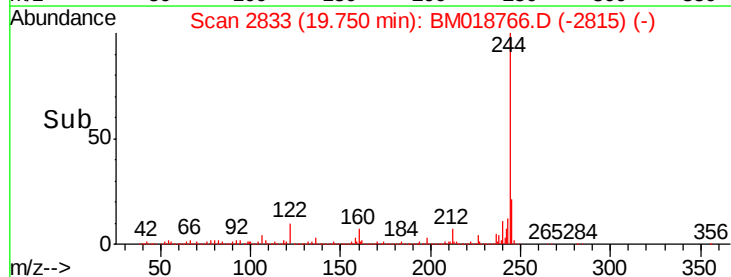
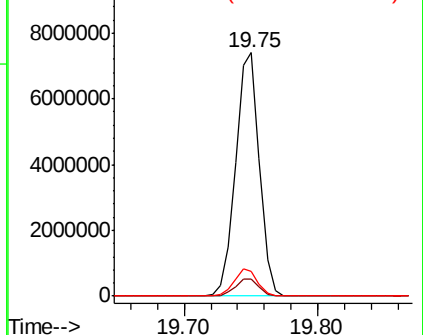
122 10.3 9.3 13.9

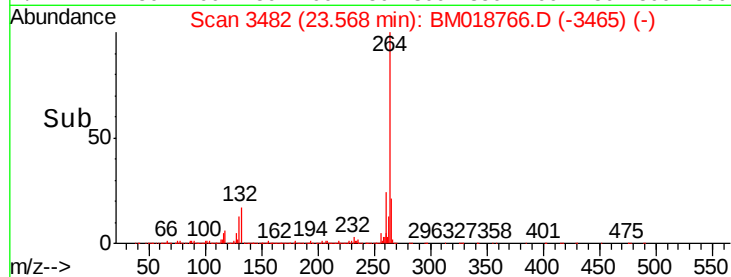
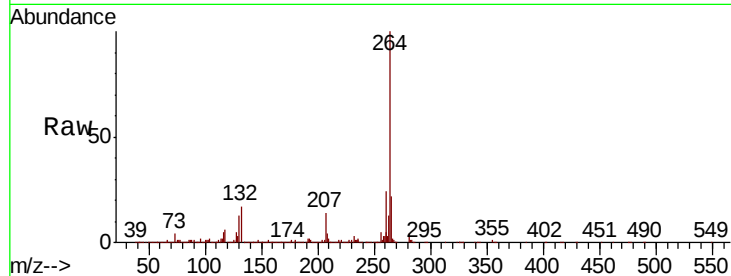
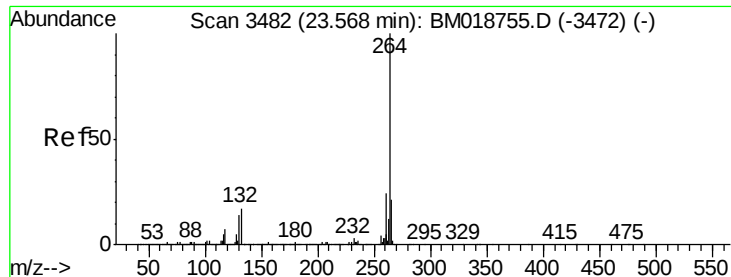


Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.57 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: BM018766.D  
Acq: 11 Feb 2019 20:16

Instrument :  
BNA\_M  
ClientSampleId :  
B-6-OW

Tot Ion:264 Resp: 1812402  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 18.9  | 28.3  |
| 265 | 21.7  | 17.3  | 25.9  |

