

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\  
 Data File : BF106900.D  
 Acq On : 28 Jun 2018 4:40  
 Operator : JU/SJ  
 Sample : J3705-06  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-38

Quant Time: Jun 28 07:20:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

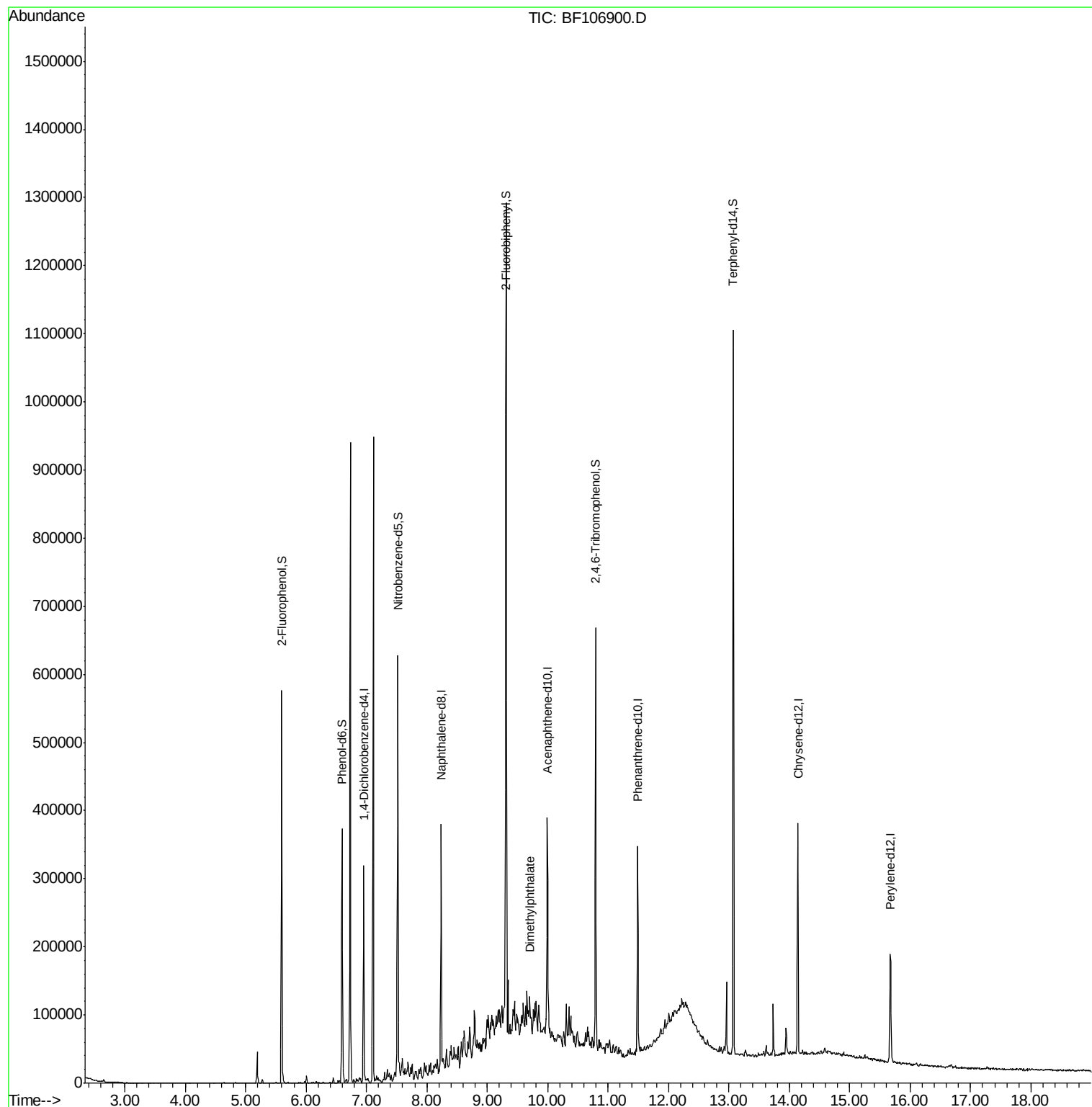
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 41911    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.24  | 136  | 145701   | 20.00  | ng    | -0.01          |
| 38) Acenaphthene-d10        | 10.00 | 164  | 62010    | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.49 | 188  | 103795   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 14.14 | 240  | 123147   | 20.00  | ng    | -0.02          |
| 86) Perylene-d12            | 15.67 | 264  | 85585    | 20.00  | ng    | -0.05          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.60  | 112  | 156019   | 63.04  | ng    | 0.00           |
| 7) Phenol-d6                | 6.60  | 99   | 120055   | 38.84  | ng    | -0.02          |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 239317   | 91.28  | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 93742    | 130.43 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 398004   | 113.60 | ng    | -0.01          |
| 78) Terphenyl-d14           | 13.08 | 244  | 424639   | 83.53  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.70  | 163  | 11865    | 2.551  | ng    | Qvalue<br># 95 |

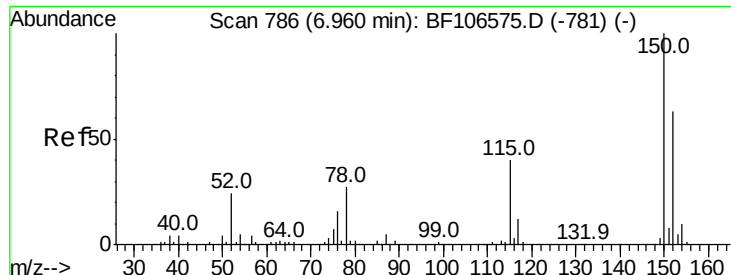
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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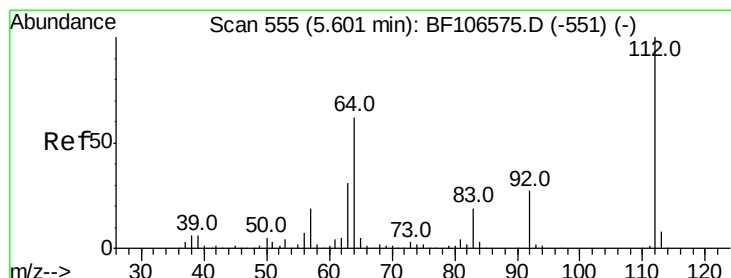
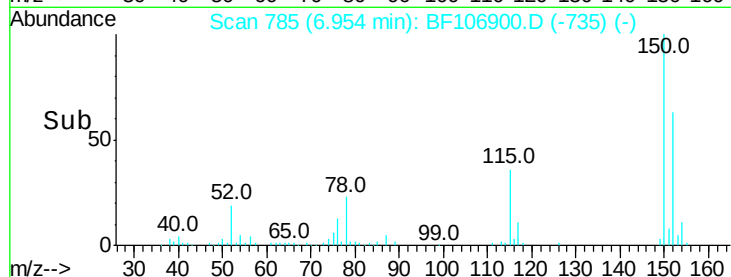
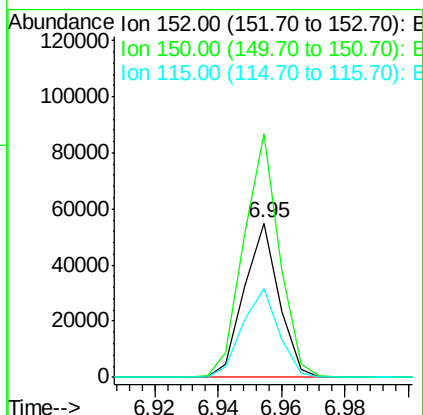
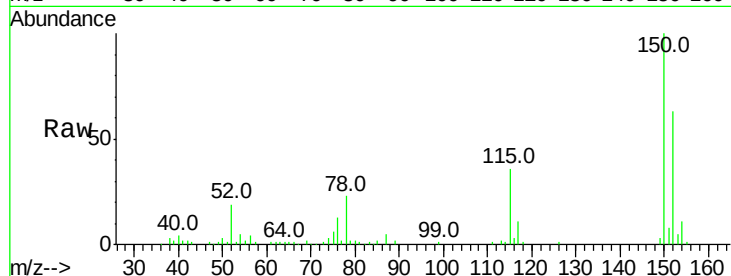


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF106900.D  
Acq: 28 Jun 2018 4:40

Instrument :  
BNA\_F  
ClientSampleId :  
W-38

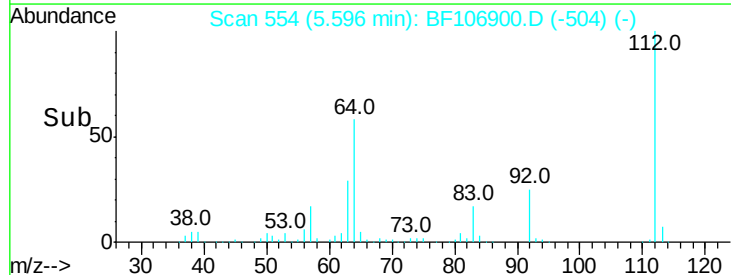
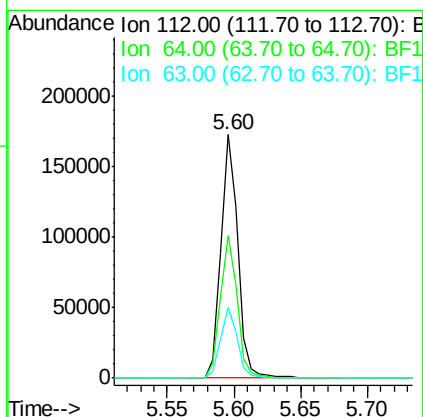
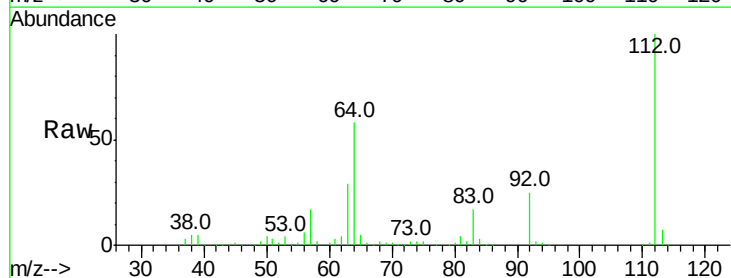
Tot Ion:152 Resp: 41911  
Ion Ratio Lower Upper  
152 100  
150 158.1 124.6 186.8  
115 57.4 50.1 75.1

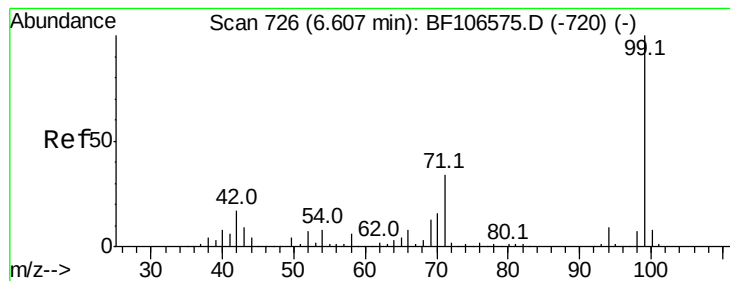


#5

2-Fluorophenol  
Concen: 63.036 ng  
RT: 5.60 min Scan# 554  
Delta R.T. -0.01 min  
Lab File: BF106900.D  
Acq: 28 Jun 2018 4:40

Tgt Ion:112 Resp: 156019  
Ion Ratio Lower Upper  
112 100  
64 58.3 47.9 71.9  
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 38.841 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA\_F

ClientSampleId :

W-38

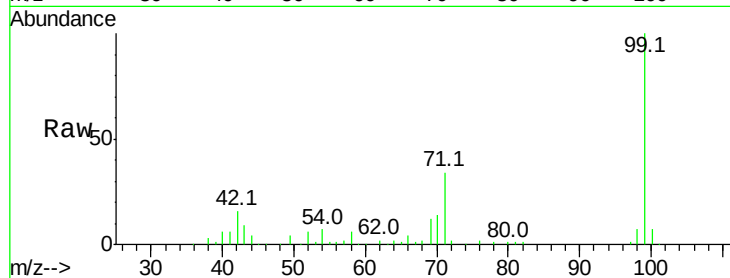
Tot Ion: 99 Resp: 120055

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

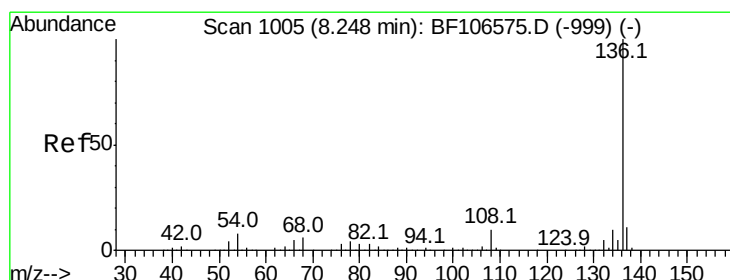
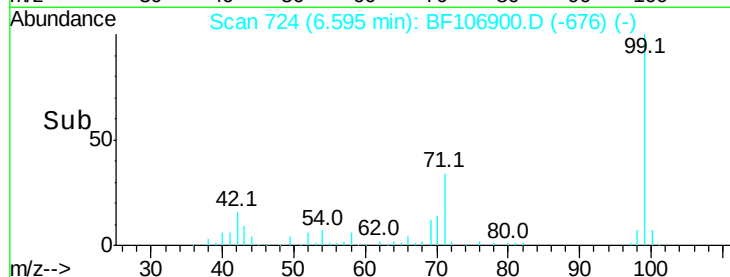
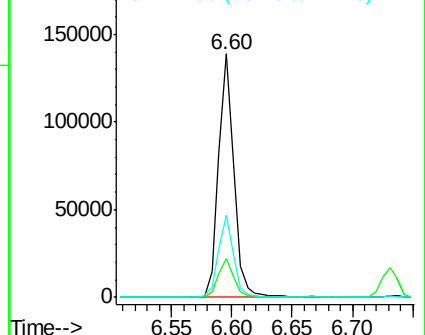
71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Tgt Ion: 136 Resp: 145701

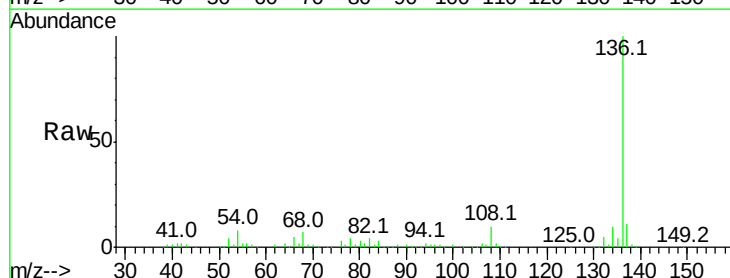
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.6 9.8

68 7.0 5.0 7.4

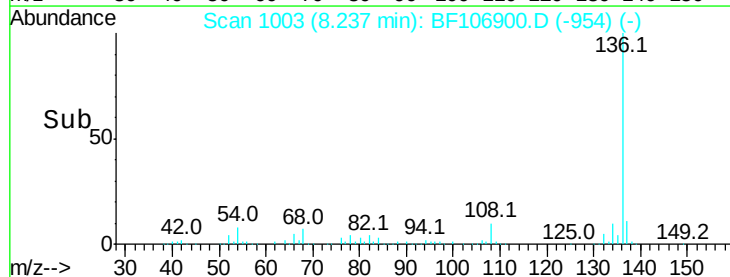
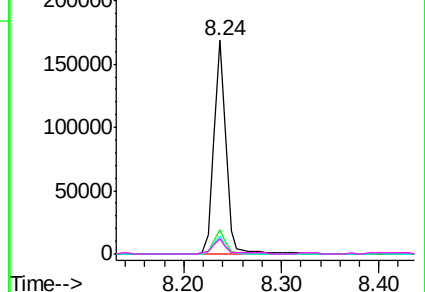


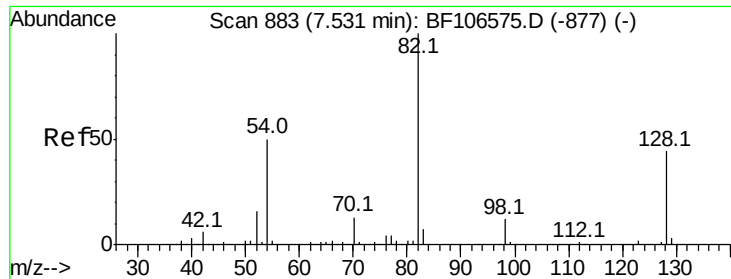
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

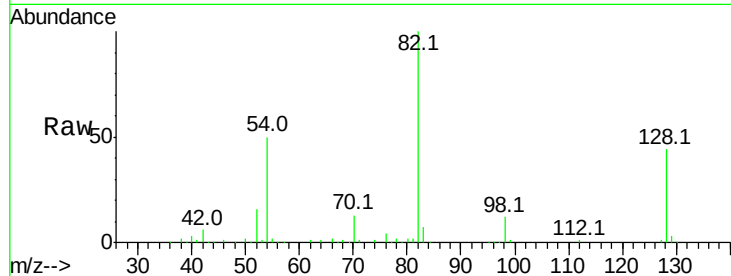




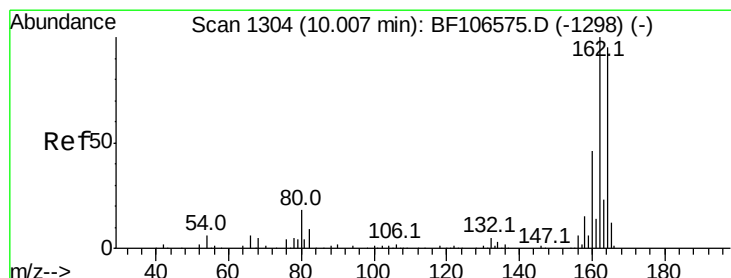
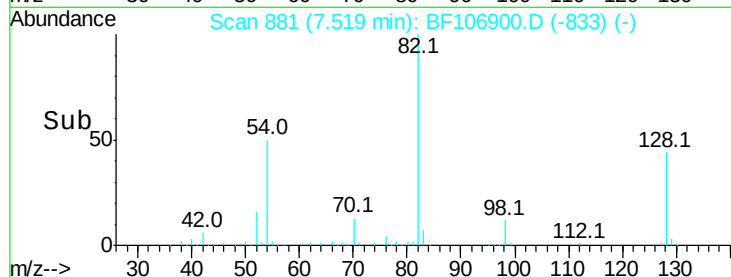
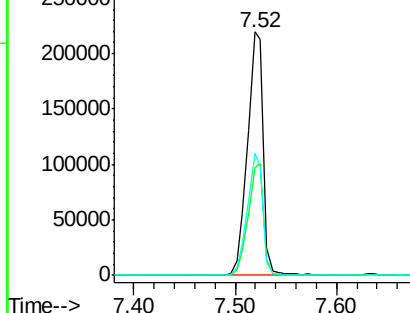
#23  
Nitrobenzene-d5  
Concen: 91.281 ng  
RT: 7.52 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF106900.D  
Acq: 28 Jun 2018 4:40

Instrument :  
BNA\_F  
ClientSampled :  
W-38

Tot Ion: 82 Resp: 239317  
Ion Ratio Lower Upper  
82 100  
128 44.3 36.1 54.1  
54 49.9 41.4 62.2

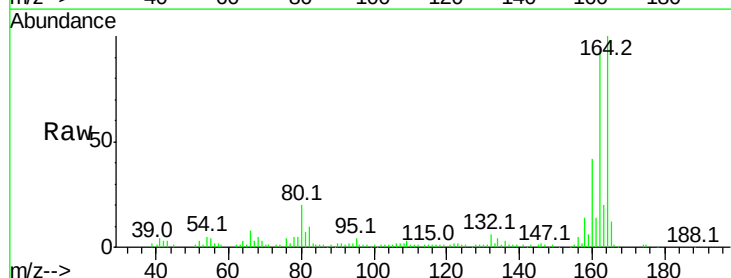


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

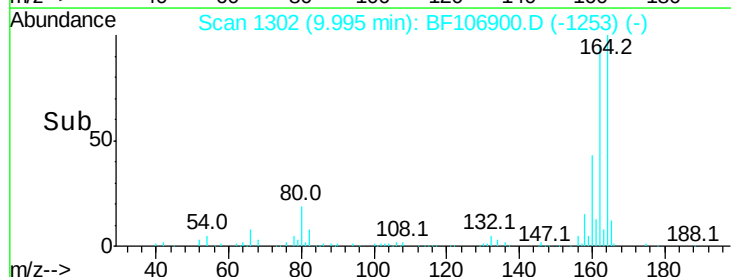
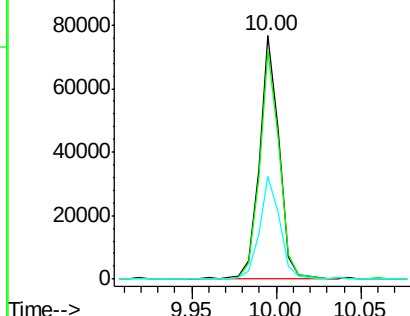


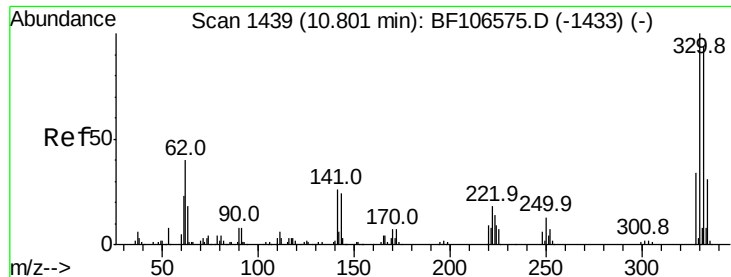
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF106900.D  
Acq: 28 Jun 2018 4:40

Tgt Ion:164 Resp: 62010  
Ion Ratio Lower Upper  
164 100  
162 93.5 86.1 129.1  
160 42.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

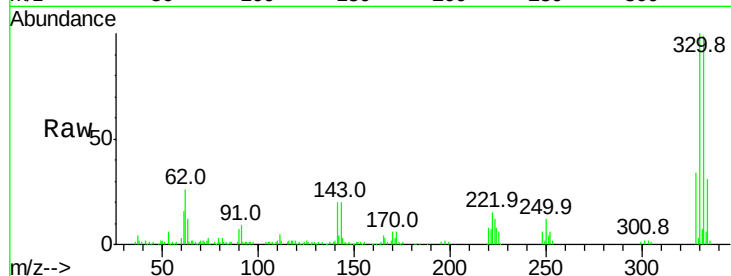




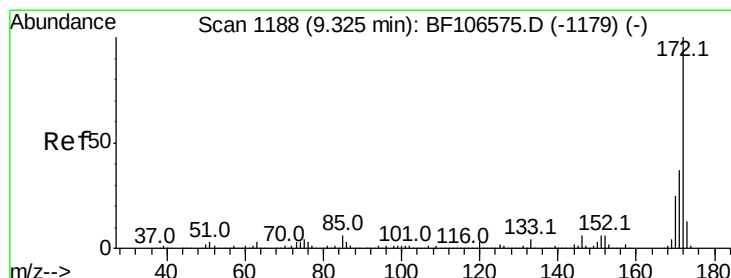
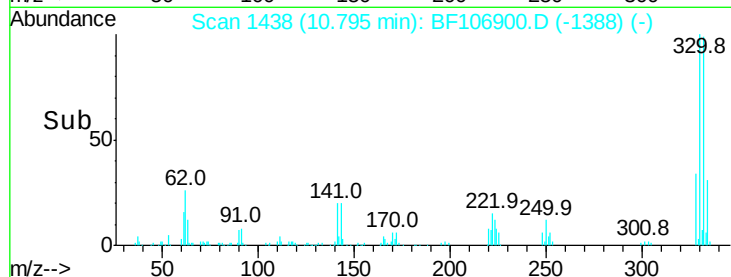
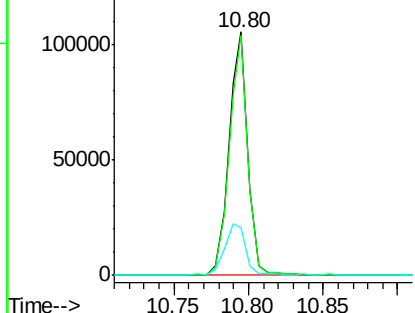
#41  
 2,4,6-Tribromophenol  
 Concen: 130.430 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF106900.D  
 Acq: 28 Jun 2018 4:40

Instrument :  
 BNA\_F  
 ClientSampled :  
 W-38

Tot Ion:330 Resp: 93742  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 77.0 115.6  
 141 24.4 29.9 44.9#

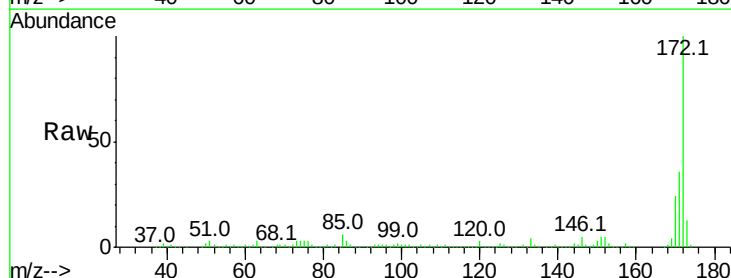


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

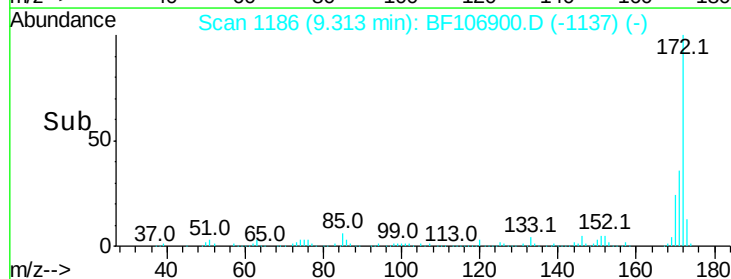
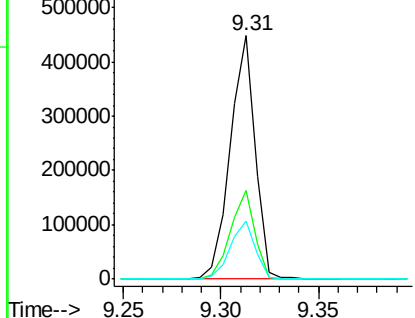


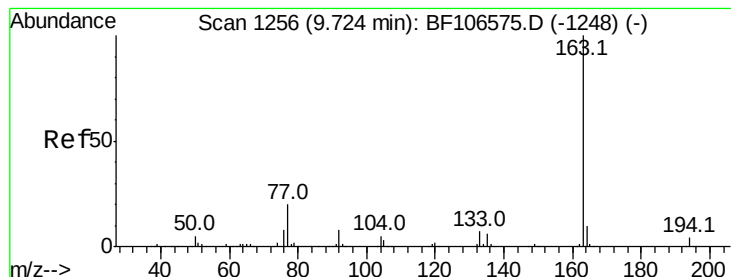
#44  
 2-Fluorobiphenyl  
 Concen: 113.603 ng  
 RT: 9.31 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF106900.D  
 Acq: 28 Jun 2018 4:40

Tgt Ion:172 Resp: 398004  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.7 44.5  
 170 23.9 19.6 29.4



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





#49

Dimethylphthalate

Concen: 2.551 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA\_F

ClientSampleId :

W-38

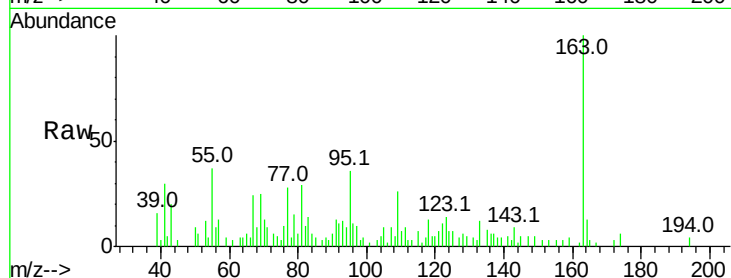
Tot Ion:163 Resp: 11865

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

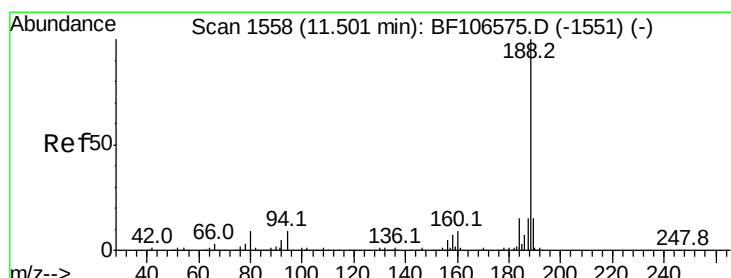
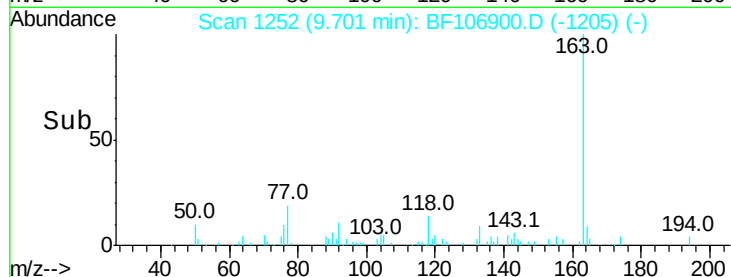
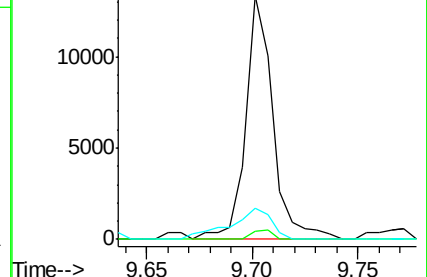
164 12.6 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

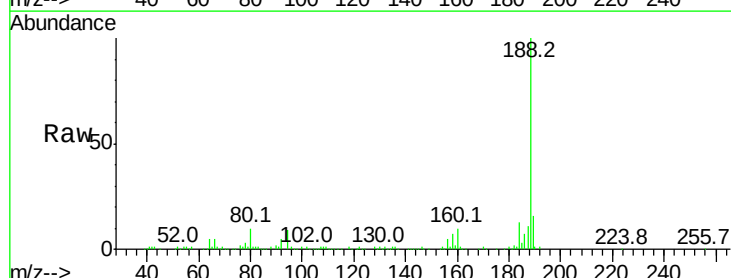
Tgt Ion:188 Resp: 103795

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

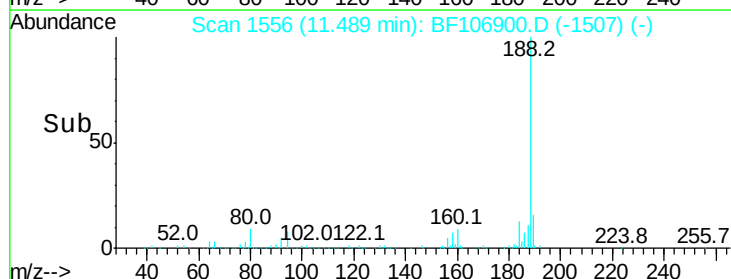
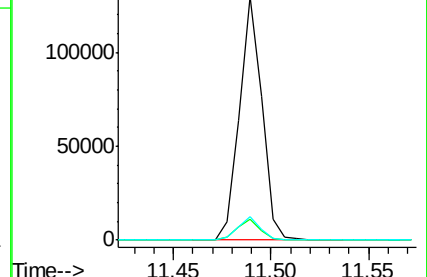
80 9.7 9.2 13.8

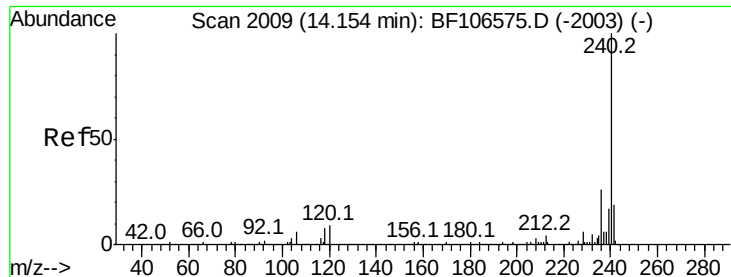


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA\_F

ClientSampleId :

W-38

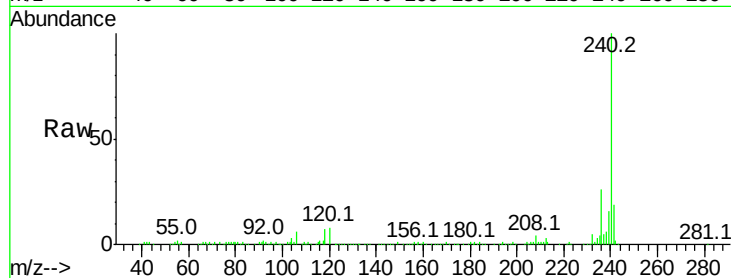
Tot Ion:240 Resp: 123147

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

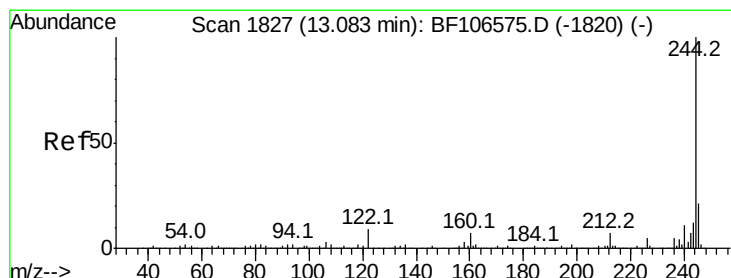
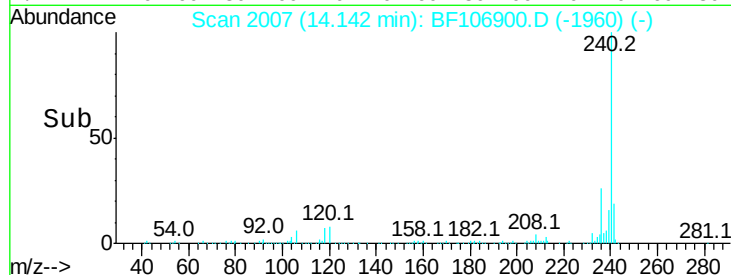
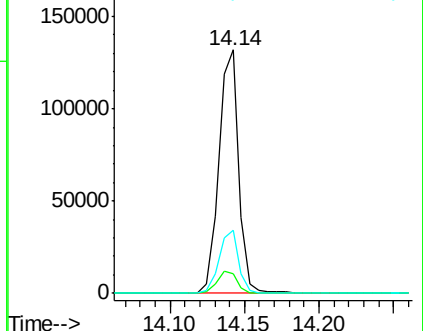
236 26.0 20.7 31.1



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: 83.526 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

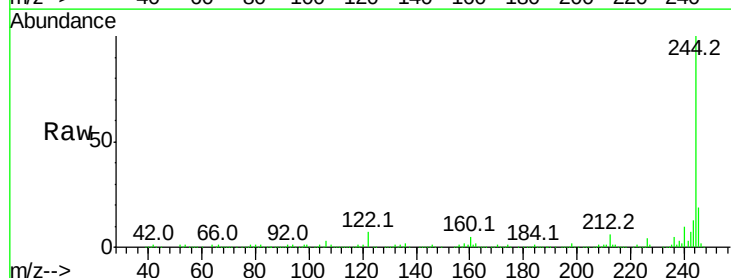
Tgt Ion:244 Resp: 424639

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

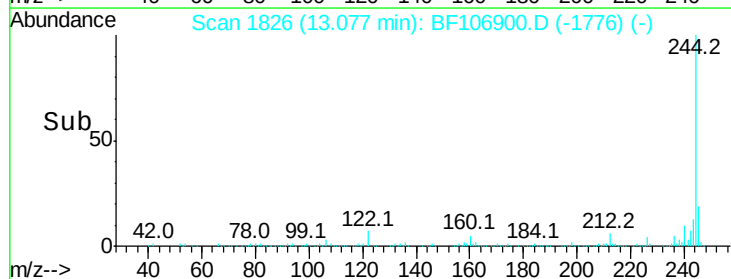
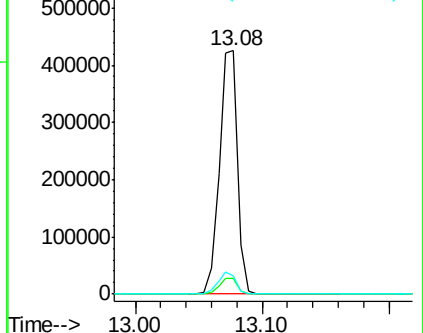
122 7.4 11.0 16.4#



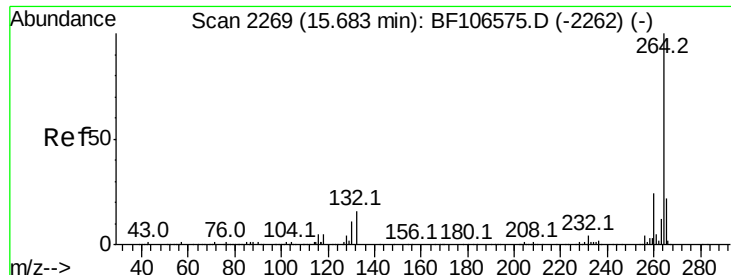
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.67 min Scan# 2267  
 Delta R.T. -0.05 min  
 Lab File: BF106900.D  
 Acq: 28 Jun 2018 4:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-38

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 21.6  | 17.5  | 26.3  |

