

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062518\  
 Data File : BF106768.D  
 Acq On : 25 Jun 2018 13:43  
 Operator : JU/SJ  
 Sample : J3627-29  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 25 15:04:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 22 11:34:03 2018  
 Response via : Initial Calibration

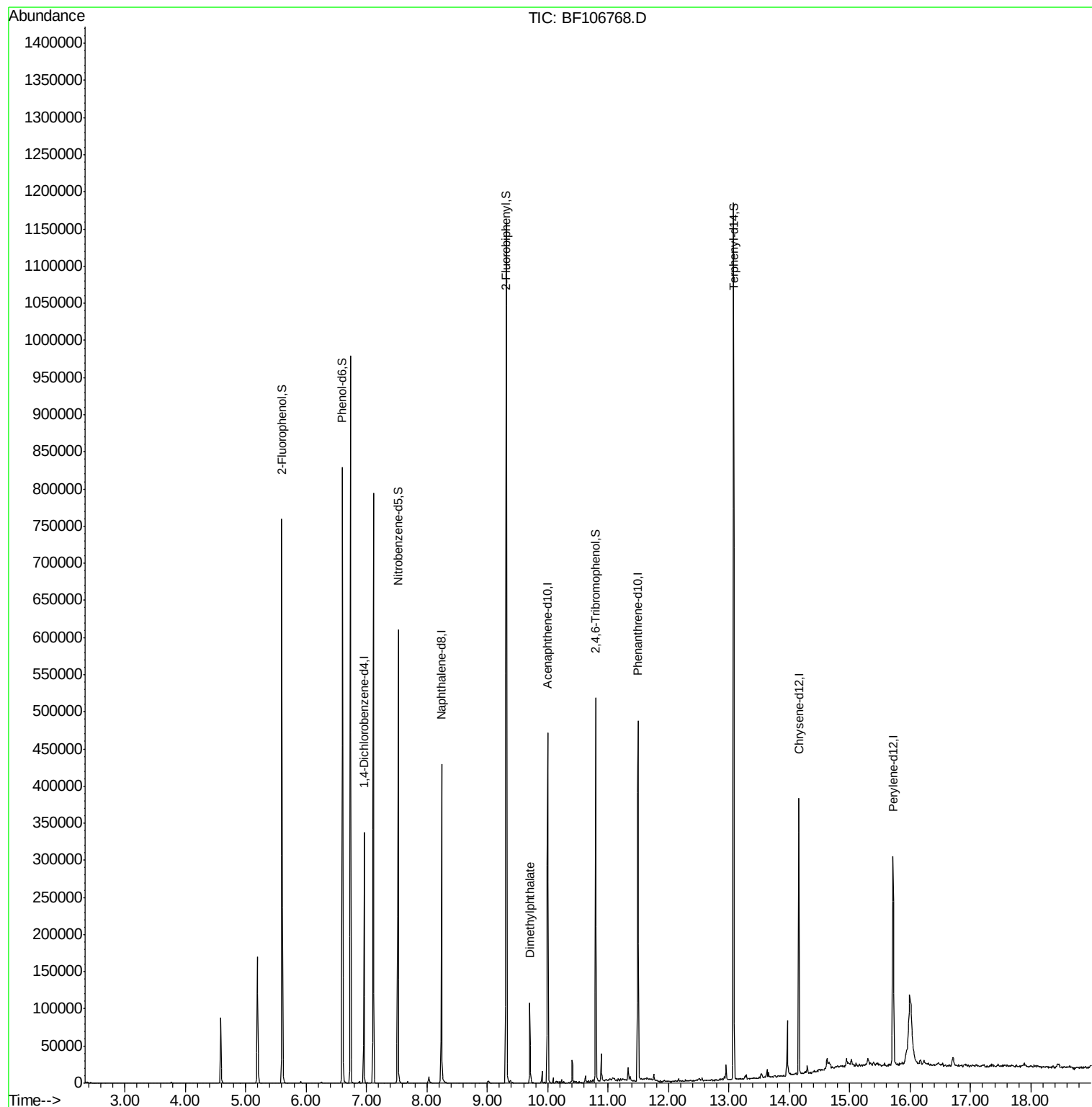
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 47769    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.24  | 136  | 186263   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.00 | 164  | 97231    | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.50 | 188  | 186322   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 14.16 | 240  | 138631   | 20.00 | ng    | 0.00           |
| 86) Perylene-d12            | 15.72 | 264  | 144768   | 20.00 | ng    | 0.03           |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.61  | 112  | 230235   | 81.61 | ng    | 0.00           |
| 7) Phenol-d6                | 6.60  | 99   | 306121   | 86.89 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 197514   | 58.93 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 72367    | 64.22 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 405300   | 67.52 | ng    | -0.01          |
| 78) Terphenyl-d14           | 13.08 | 244  | 425802   | 74.40 | ng    | 0.00           |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 9.71  | 163  | 45739    | 6.272 | ng    | Qvalue<br># 99 |

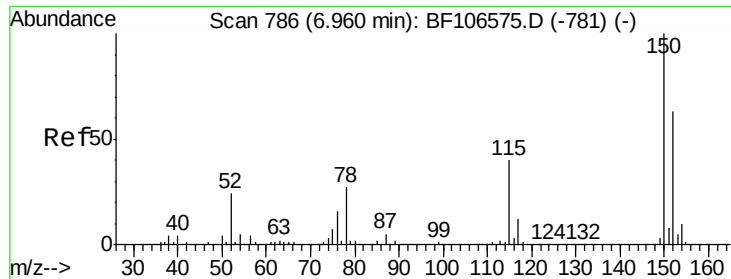
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 22 11:34:03 2018  
Response via : Initial Calibration



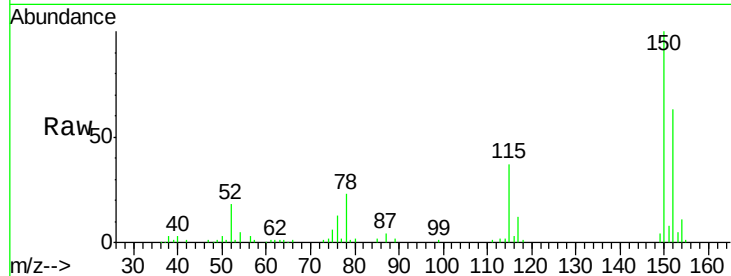


#1

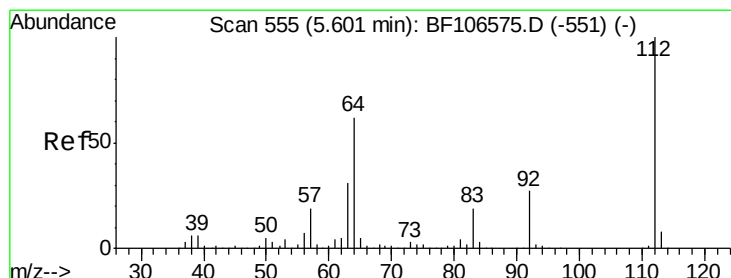
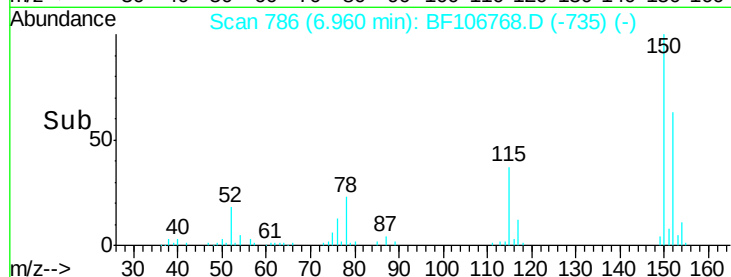
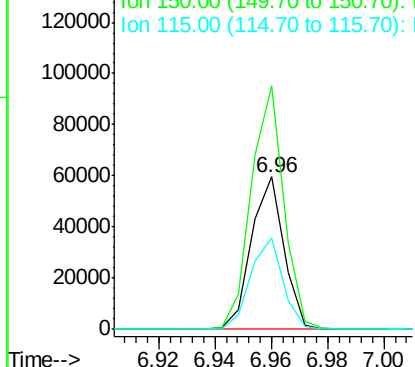
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: BF106768.D  
Acq: 25 Jun 2018 13:43

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:152 Resp: 47769  
Ion Ratio Lower Upper  
152 100  
150 159.7 124.6 186.8  
115 59.6 50.1 75.1



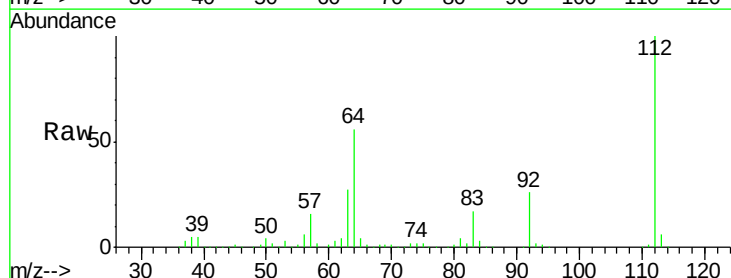
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



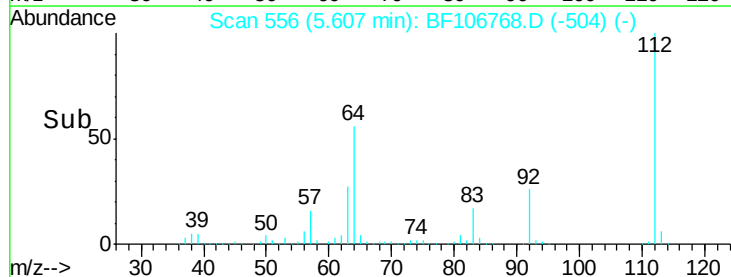
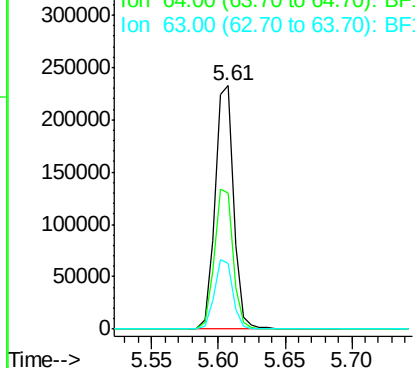
#5

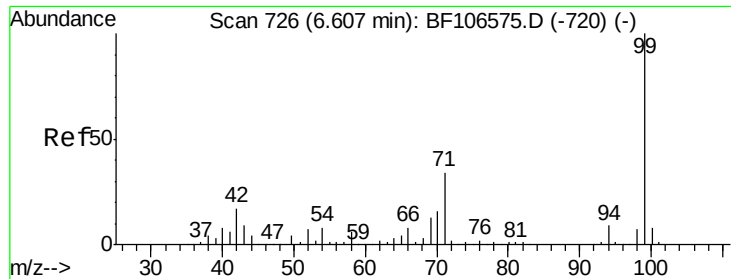
2-Fluorophenol  
Concen: 81.614 ng  
RT: 5.61 min Scan# 556  
Delta R.T. 0.01 min  
Lab File: BF106768.D  
Acq: 25 Jun 2018 13:43

Tgt Ion:112 Resp: 230235  
Ion Ratio Lower Upper  
112 100  
64 55.6 47.9 71.9  
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.894 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Instrument :

BNA\_F

ClientSampleId :

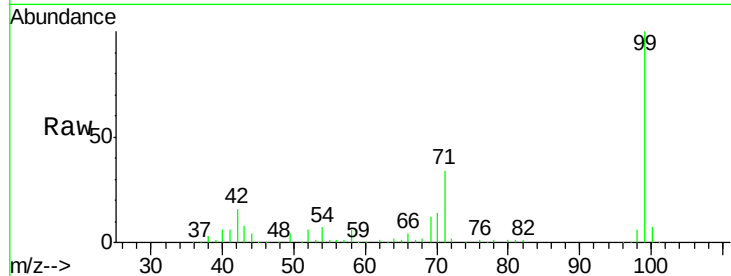
Tgt Ion: 99 Resp: 306121

Ion Ratio Lower Upper

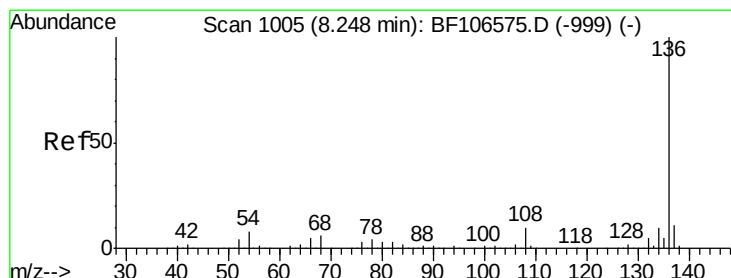
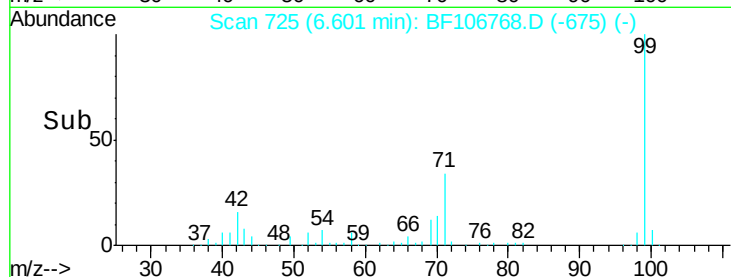
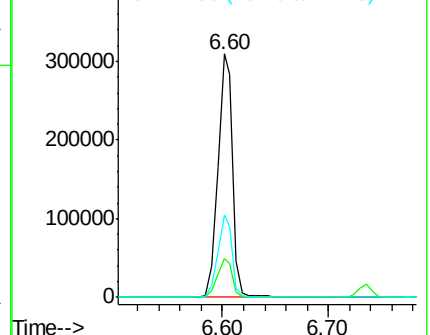
99 100

42 16.2 14.5 21.7

71 34.1 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# 1004

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Tgt Ion: 136 Resp: 186263

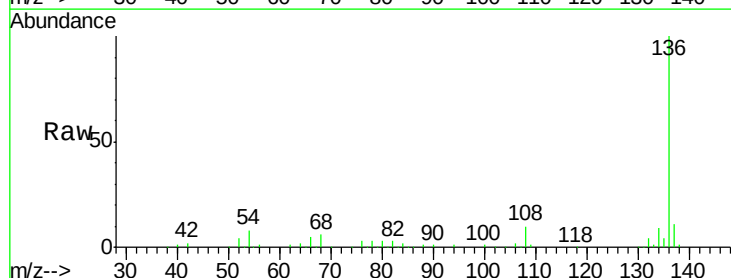
Ion Ratio Lower Upper

136 100

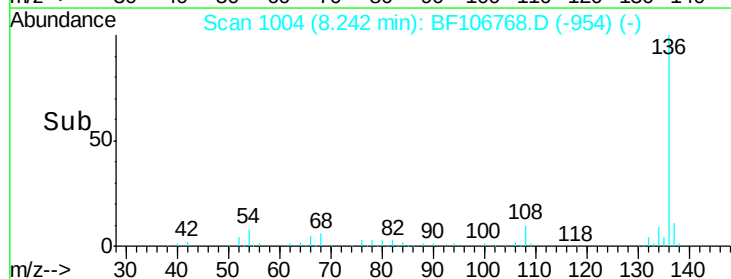
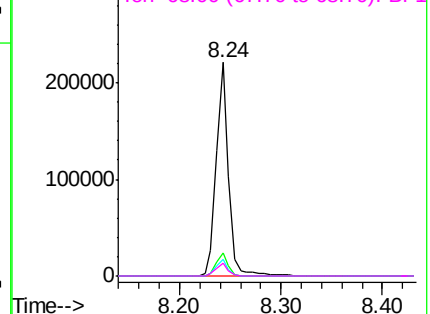
137 10.7 8.9 13.3

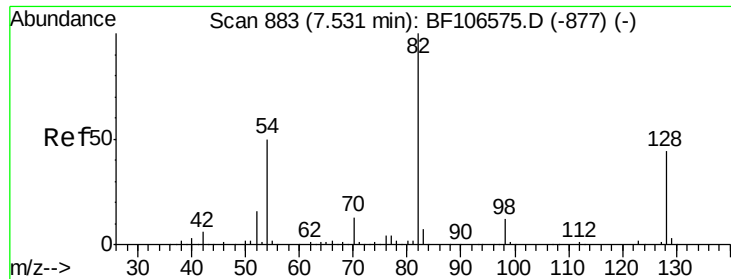
54 7.6 6.6 9.8

68 6.0 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

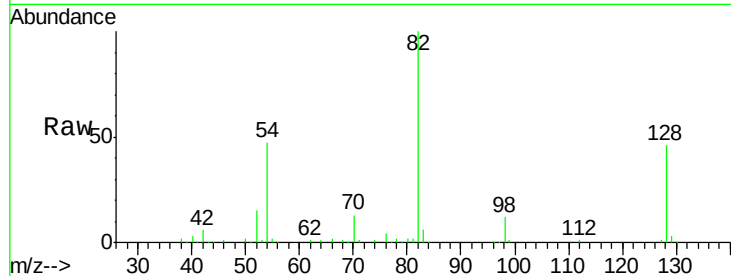




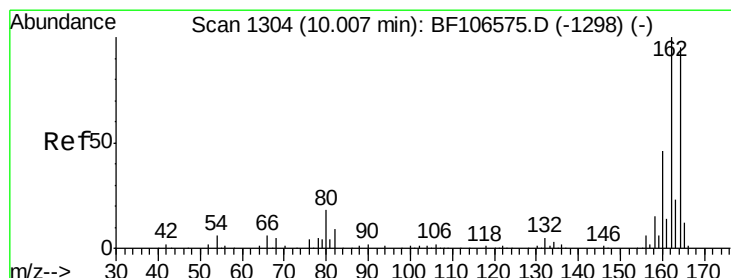
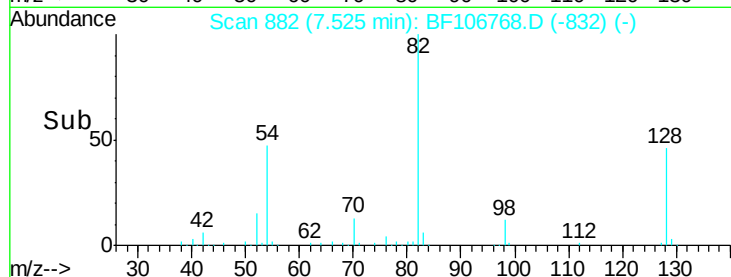
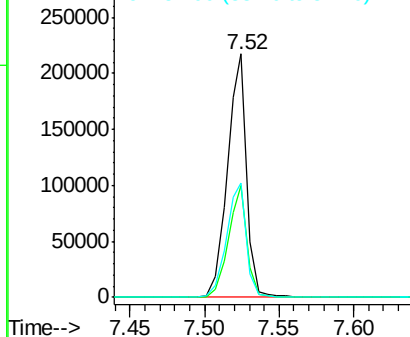
#23  
 Nitrobenzene-d5  
 Concen: 58.930 ng  
 RT: 7.52 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BF106768.D  
 Acq: 25 Jun 2018 13:43

Instrument :  
 BNA\_F  
 ClientSampleID :

Tgt Ion: 82 Resp: 197514  
 Ion Ratio Lower Upper  
 82 100  
 128 46.2 36.1 54.1  
 54 47.2 41.4 62.2

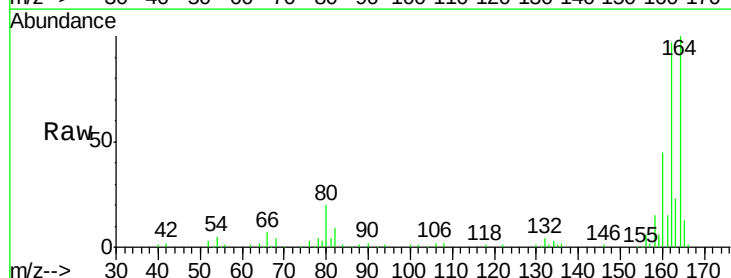


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

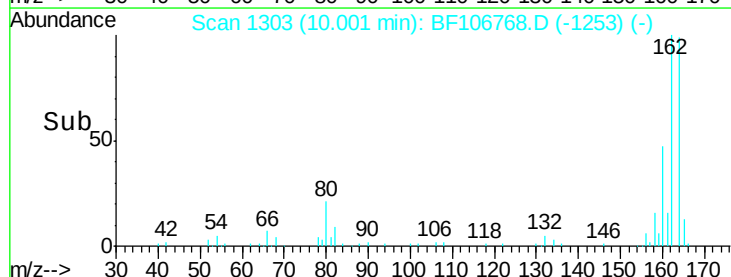
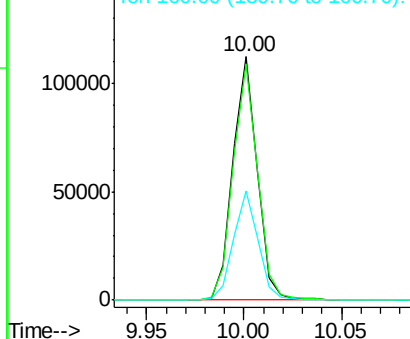


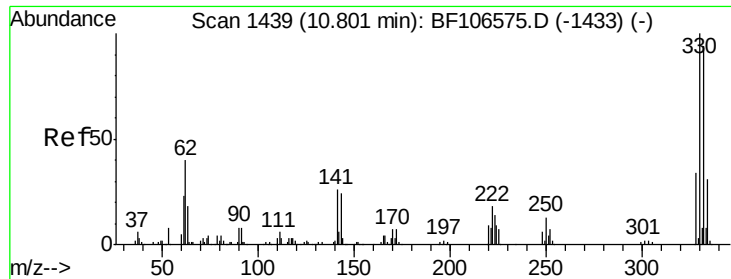
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.00 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF106768.D  
 Acq: 25 Jun 2018 13:43

Tgt Ion: 164 Resp: 97231  
 Ion Ratio Lower Upper  
 164 100  
 162 96.8 86.1 129.1  
 160 45.1 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

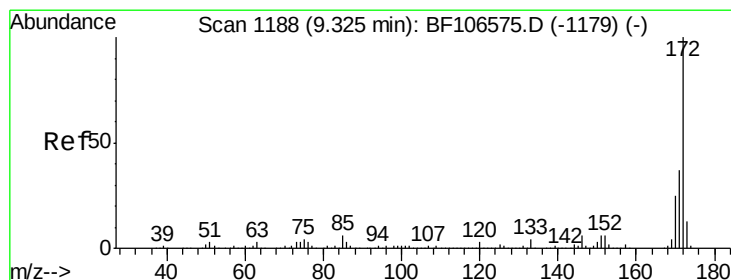
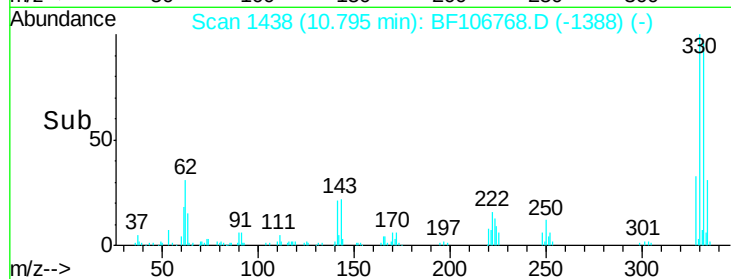
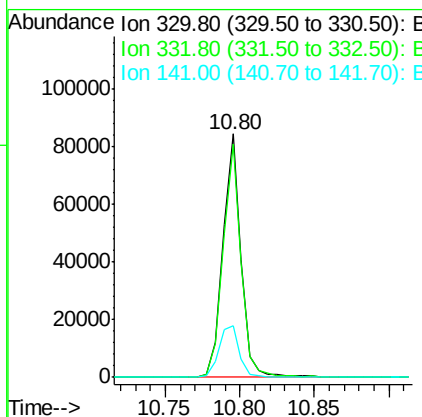
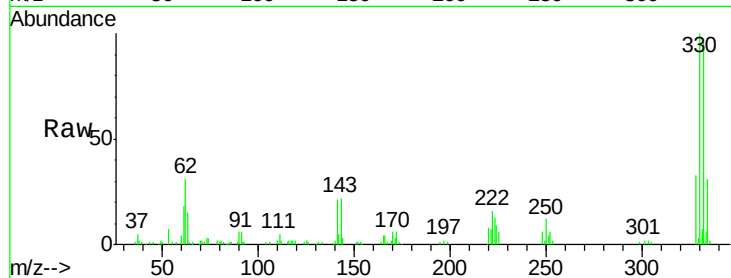




#41  
 2,4,6-Tribromophenol  
 Concen: 64.216 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF106768.D  
 Acq: 25 Jun 2018 13:43

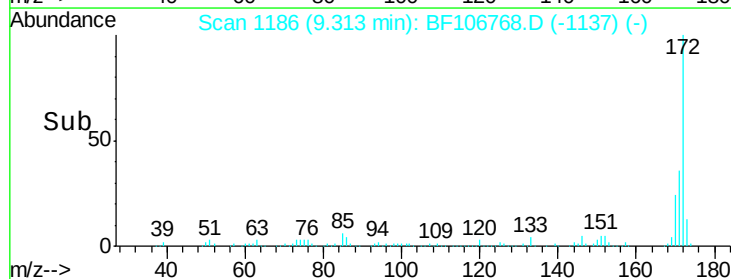
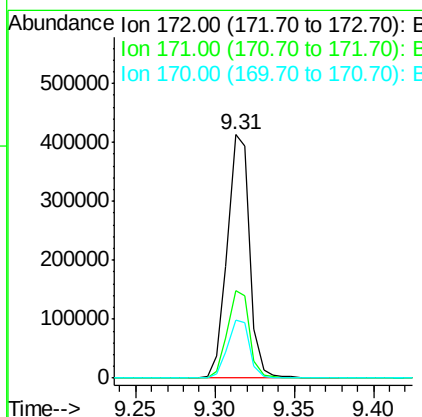
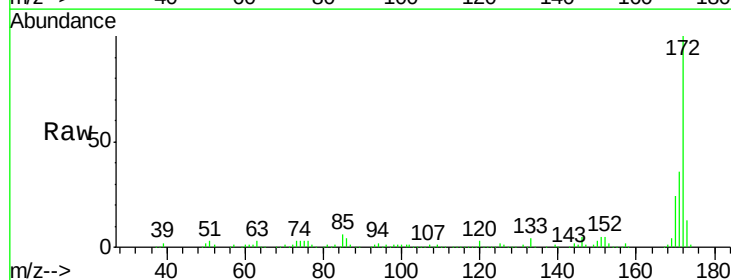
Instrument :  
 BNA\_F  
 ClientSampleId :

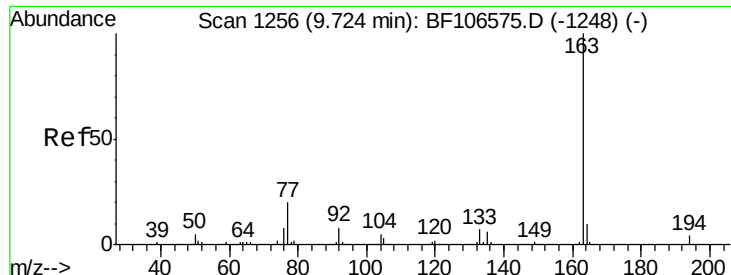
Tgt Ion:330 Resp: 72367  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 77.0 115.6  
 141 23.8 29.9 44.9#



#44  
 2-Fluorobiphenyl  
 Concen: 67.523 ng  
 RT: 9.31 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF106768.D  
 Acq: 25 Jun 2018 13:43

Tgt Ion:172 Resp: 405300  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.7 44.5  
 170 24.1 19.6 29.4

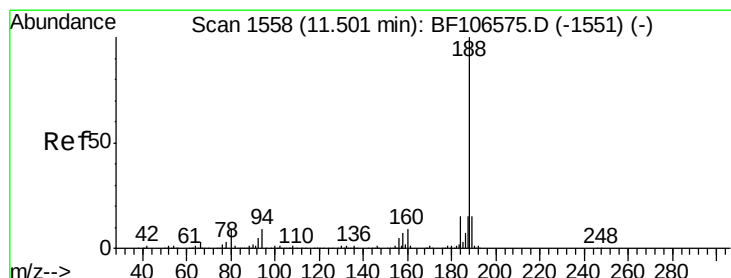
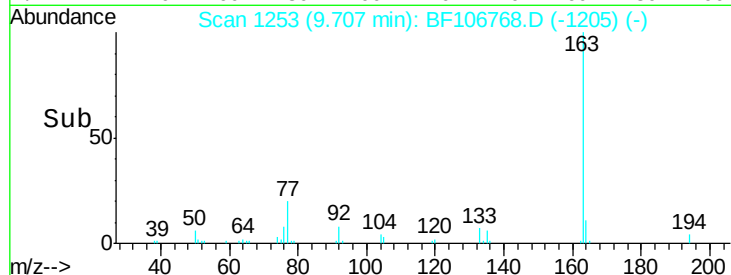
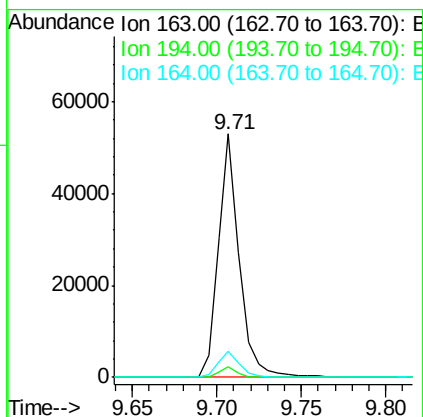
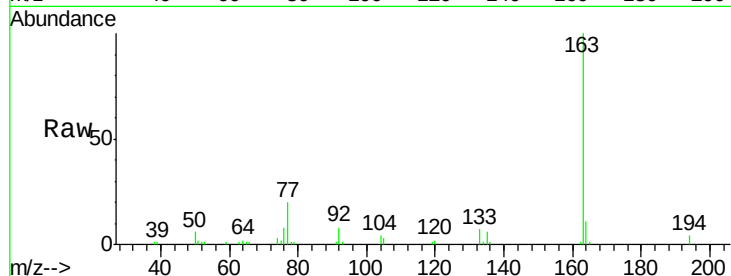




#49  
Dimethylphthalate  
Concen: 6.272 ng  
RT: 9.71 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF106768.D  
Acq: 25 Jun 2018 13:43

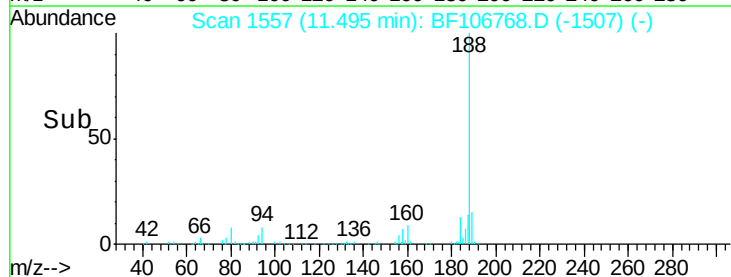
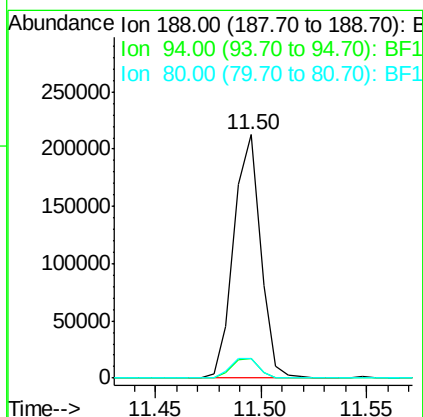
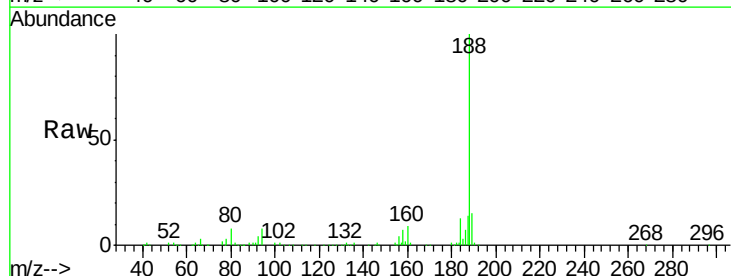
Instrument :  
BNA\_F  
ClientSampleId :

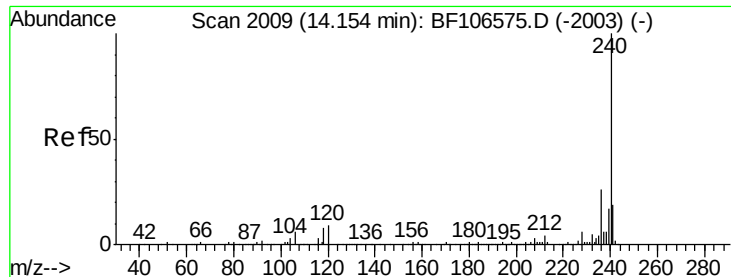
Tgt Ion:163 Resp: 45739  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.7 4.1#  
164 10.5 8.2 12.2



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF106768.D  
Acq: 25 Jun 2018 13:43

Tgt Ion:188 Resp: 186322  
Ion Ratio Lower Upper  
188 100  
94 8.1 8.5 12.7#  
80 8.1 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Instrument :

BNA\_F

ClientSampleId :

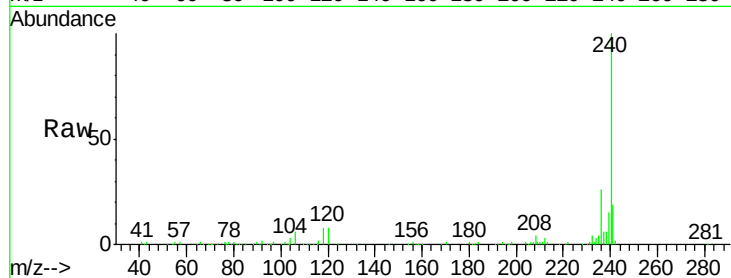
Tgt Ion:240 Resp: 138631

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

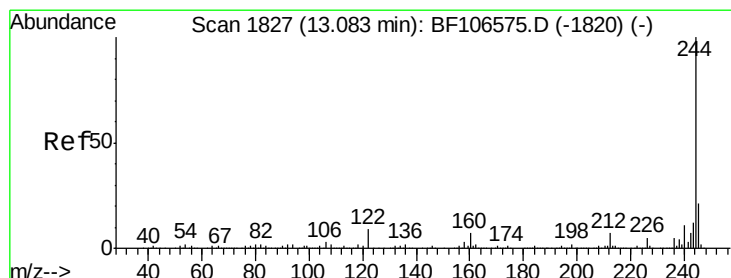
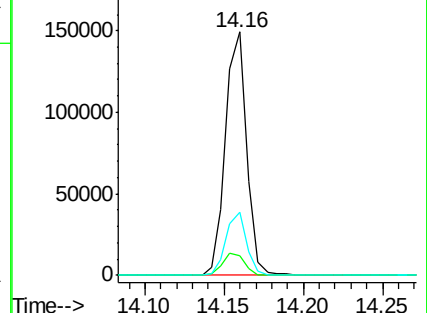
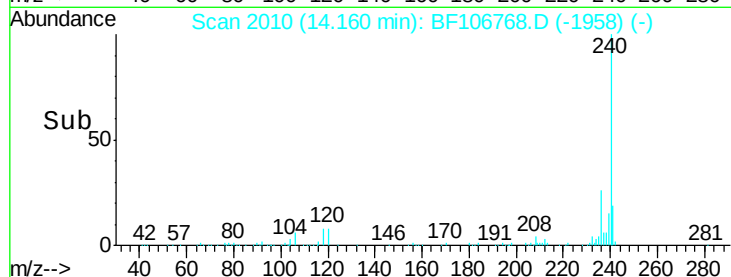
236 25.8 20.7 31.1



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: 74.400 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

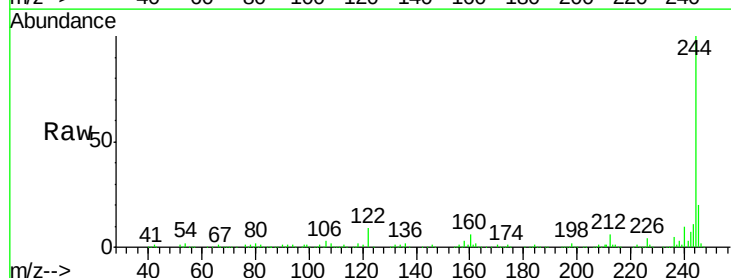
Tgt Ion:244 Resp: 425802

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

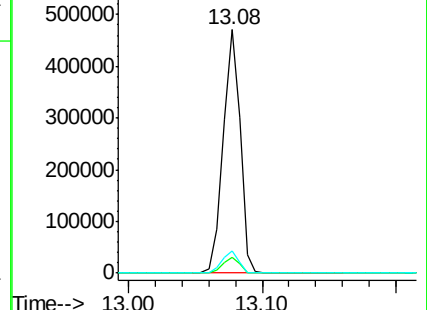
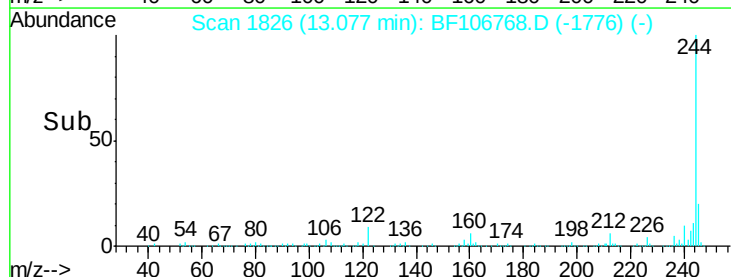
122 9.0 11.0 16.4#



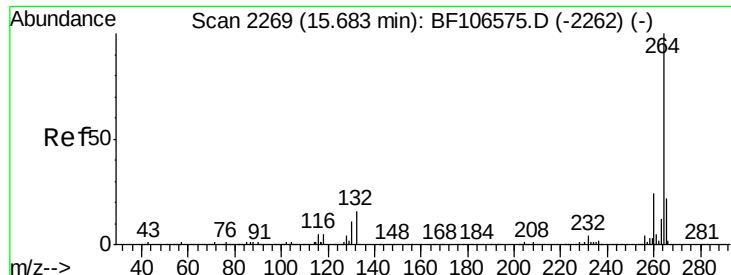
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



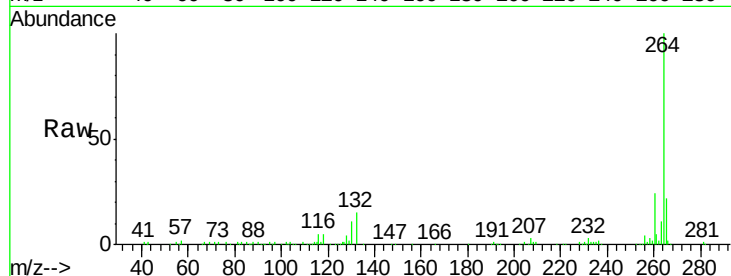




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.72 min Scan# 2275  
Delta R.T. 0.03 min  
Lab File: BF106768.D  
Acq: 25 Jun 2018 13:43

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 144768 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.3  | 19.2  | 28.8   |
| 265      | 22.0  | 17.5  | 26.3   |



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

