

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\  
 Data File : BF106569.D  
 Acq On : 19 Jun 2018 5:57  
 Operator : JU/SJ  
 Sample : J3562-06  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Quant Time: Jun 19 09:00:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 15 11:11:47 2018  
 Response via : Initial Calibration

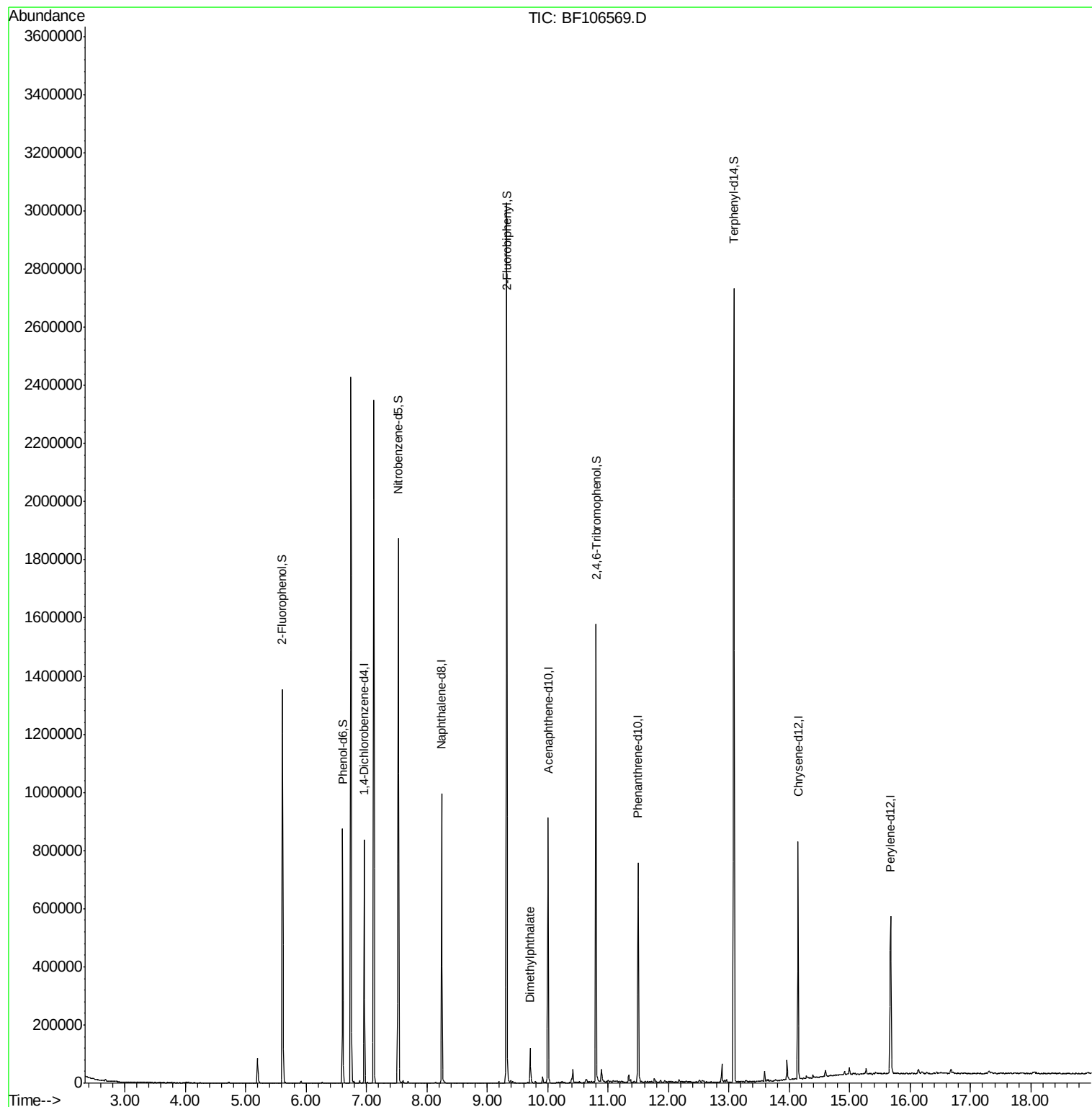
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 111600   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.25  | 136  | 410268   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 10.01 | 164  | 173955   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.50 | 188  | 277478   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 14.14 | 240  | 291560   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.68 | 264  | 256371   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.61  | 112  | 371928   | 56.41  | ng    | 0.00         |
| 7) Phenol-d6                | 6.61  | 99   | 276450   | 33.18  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 672790   | 96.47  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 220853   | 131.95 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 1050444  | 122.66 | ng    | 0.00         |
| 78) Terphenyl-d14           | 13.08 | 244  | 962019   | 81.95  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.71  | 163  | 49002    | 3.943  | ng    | Qvalue<br>98 |

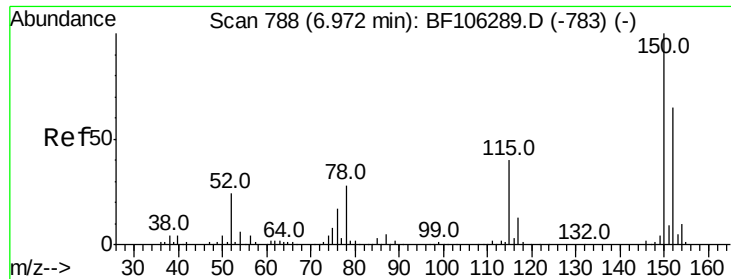
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Time: Jun 19 09:00:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 15 11:11:47 2018  
Response via : Initial Calibration



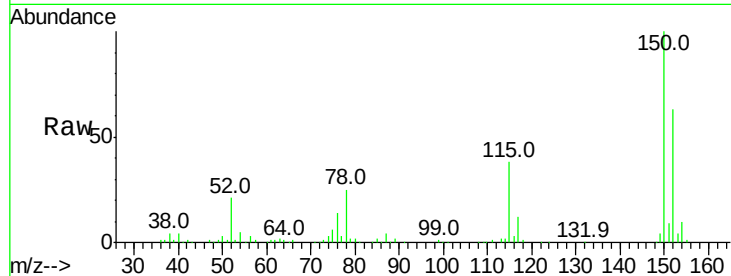


#1

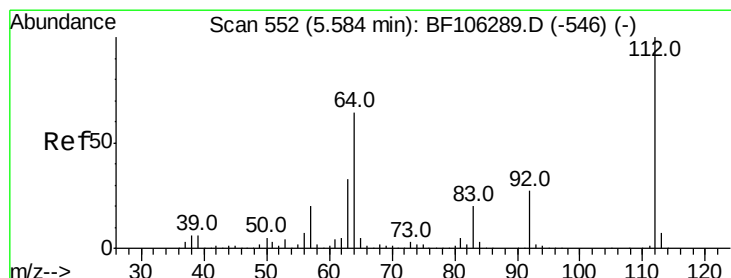
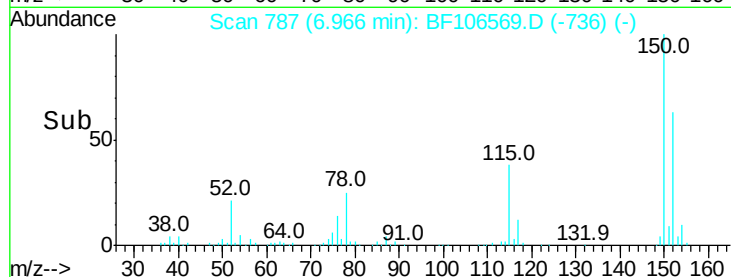
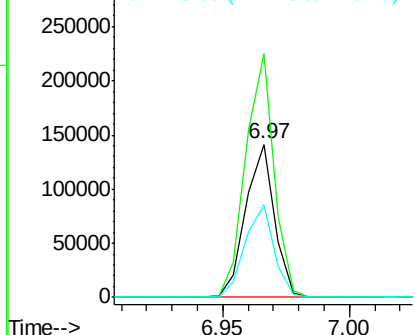
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF106569.D  
Acq: 19 Jun 2018 5:57

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

Tot Ion:152 Resp: 111600  
Ion Ratio Lower Upper  
152 100  
150 159.3 124.6 186.8  
115 60.8 50.1 75.1



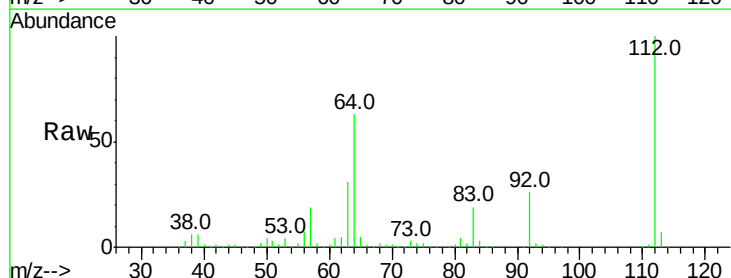
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



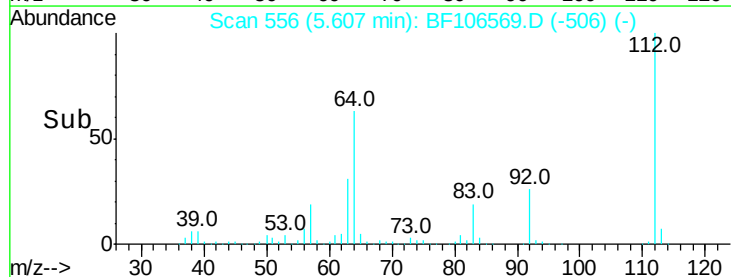
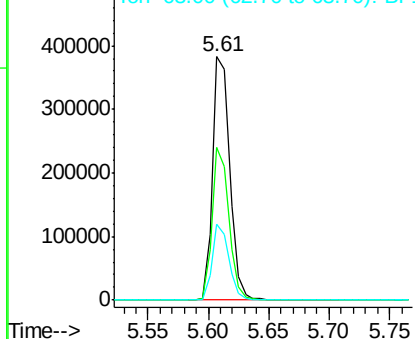
#5

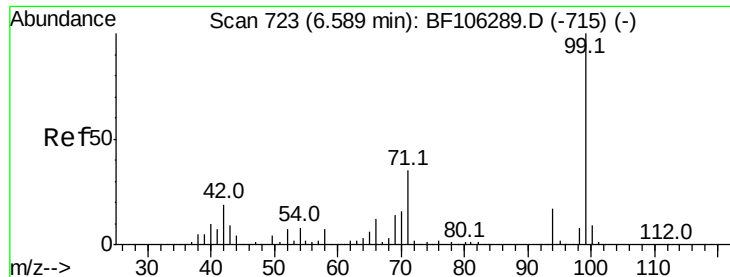
2-Fluorophenol  
Concen: 56.406 ng  
RT: 5.61 min Scan# 556  
Delta R.T. -0.01 min  
Lab File: BF106569.D  
Acq: 19 Jun 2018 5:57

Tgt Ion:112 Resp: 371928  
Ion Ratio Lower Upper  
112 100  
64 62.8 47.9 71.9  
63 31.4 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: 33.185 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA\_F

ClientSampleId :

W-12

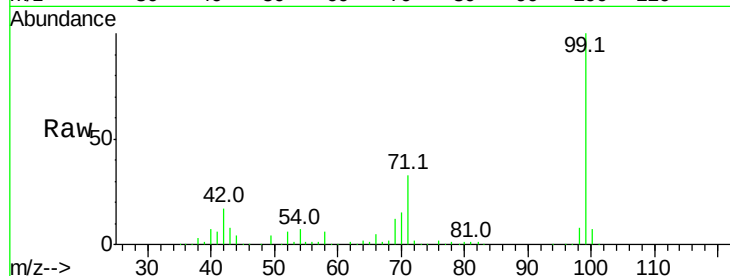
Tot Ion: 99 Resp: 276450

Ion Ratio Lower Upper

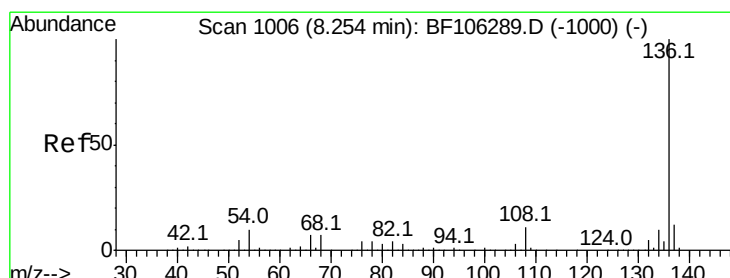
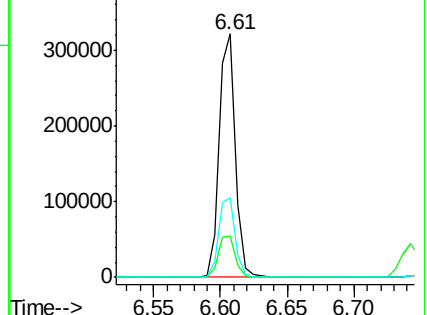
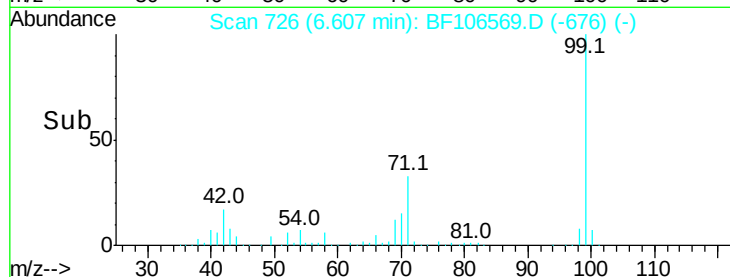
99 100

42 16.8 14.5 21.7

71 32.6 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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Tgt Ion: 136 Resp: 410268

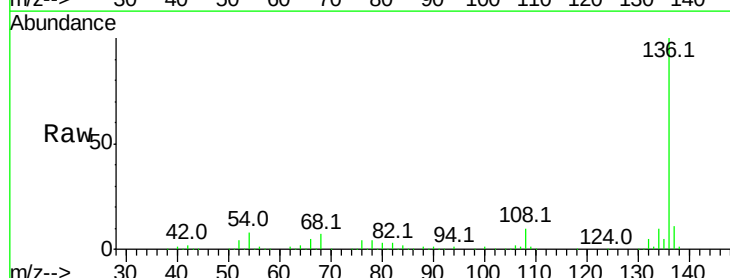
Ion Ratio Lower Upper

136 100

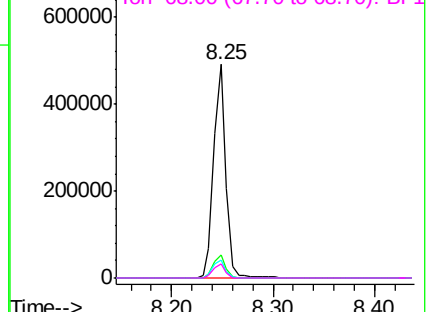
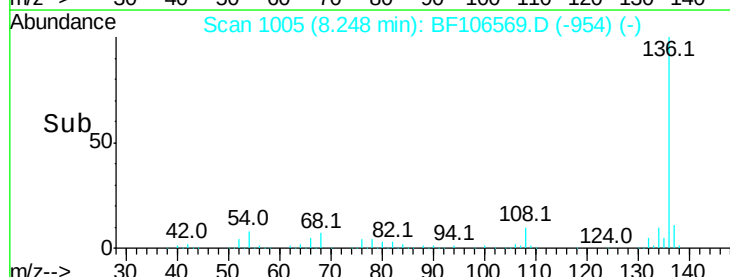
137 10.9 8.9 13.3

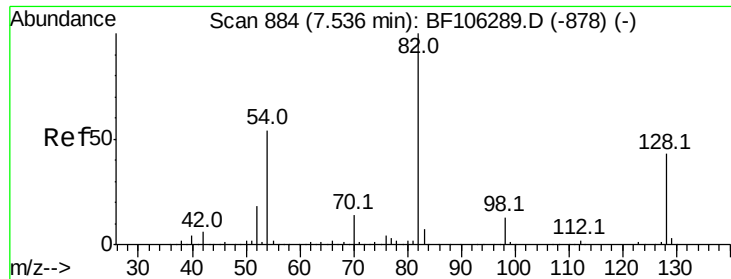
54 8.1 6.6 9.8

68 6.7 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

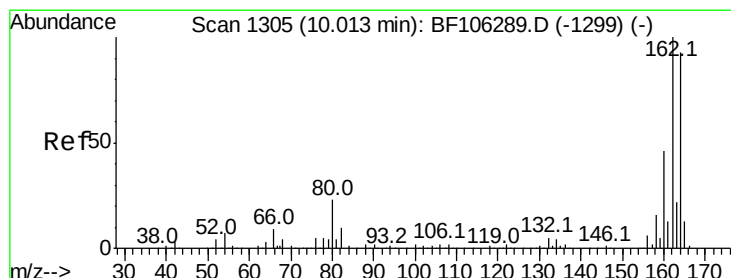
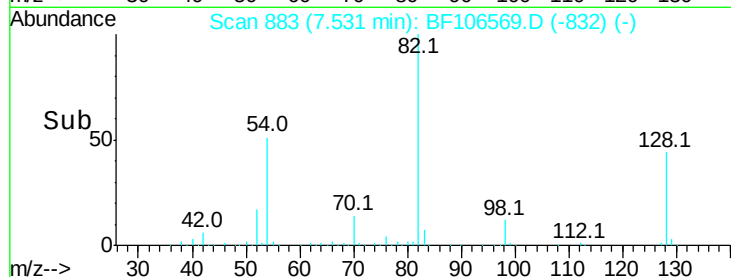
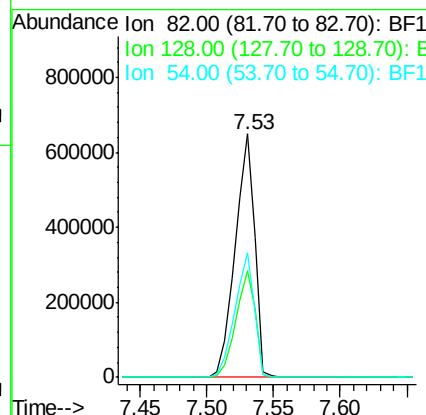
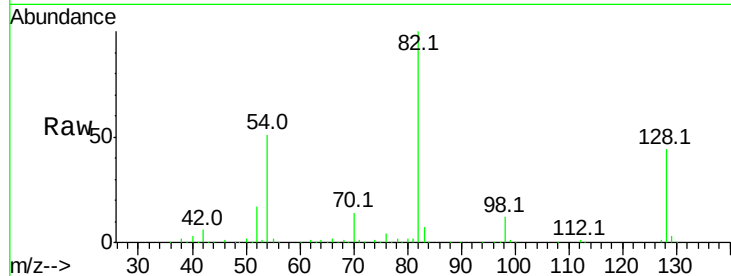




#23  
Nitrobenzene-d5  
Concen: 96.472 ng  
RT: 7.53 min Scan# 883  
Delta R.T. 0.00 min  
Lab File: BF106569.D  
Acq: 19 Jun 2018 5:57

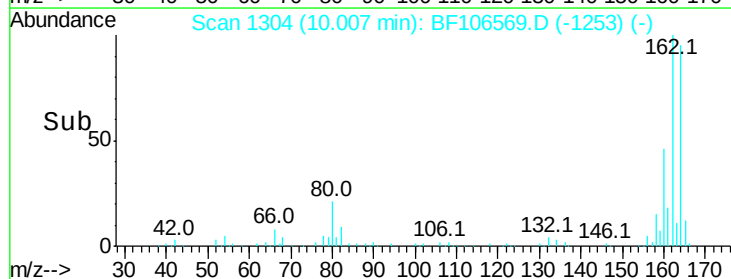
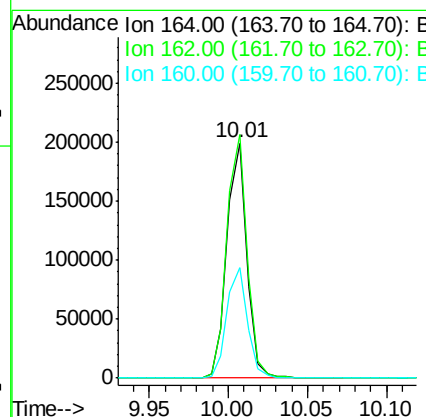
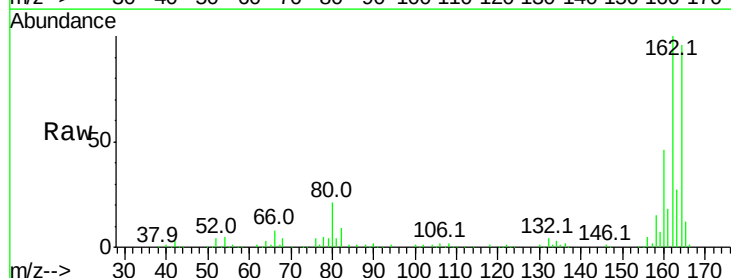
Instrument :  
BNA\_F  
ClientSampleId :  
W-12

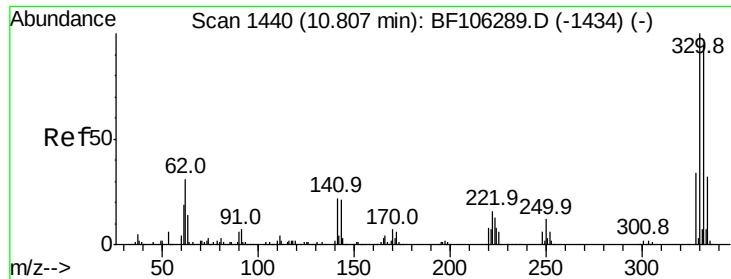
Tot Ion: 82 Resp: 672790  
Ion Ratio Lower Upper  
82 100  
128 43.9 36.1 54.1  
54 50.9 41.4 62.2



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BF106569.D  
Acq: 19 Jun 2018 5:57

Tgt Ion: 164 Resp: 173955  
Ion Ratio Lower Upper  
164 100  
162 103.7 86.1 129.1  
160 47.3 38.3 57.5

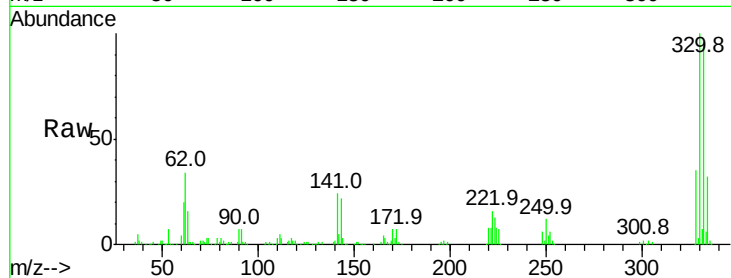




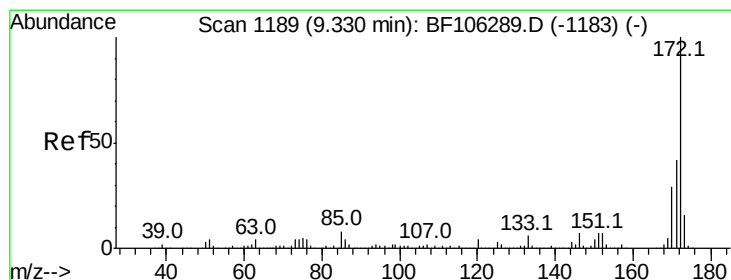
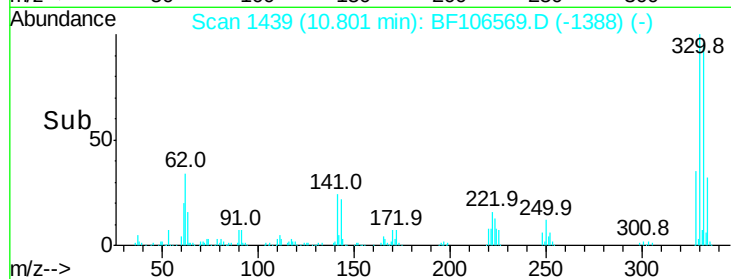
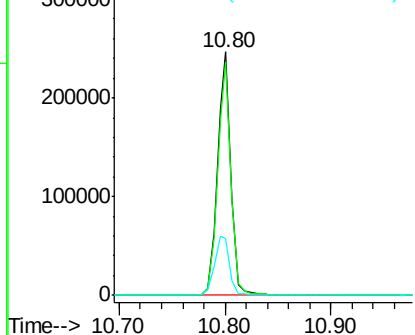
#41  
 2,4,6-Tribromophenol  
 Concen: 131.951 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF106569.D  
 Acq: 19 Jun 2018 5:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Tot Ion:330 Resp: 220853  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 77.0 115.6  
 141 27.8 29.9 44.9#

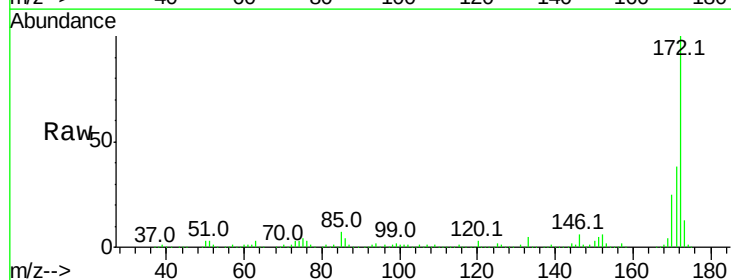


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

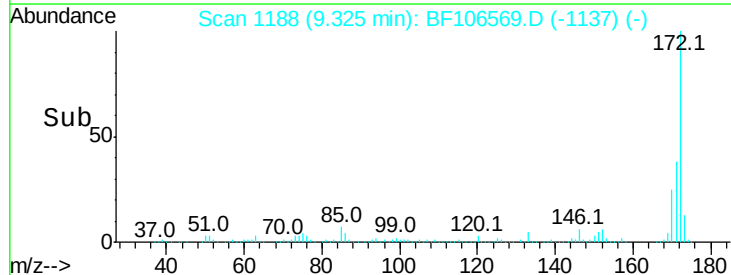
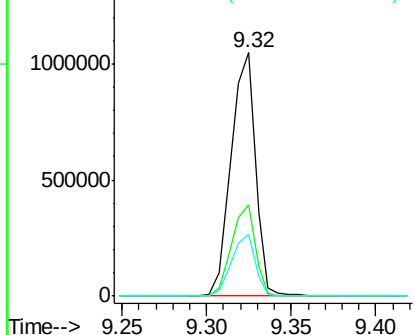


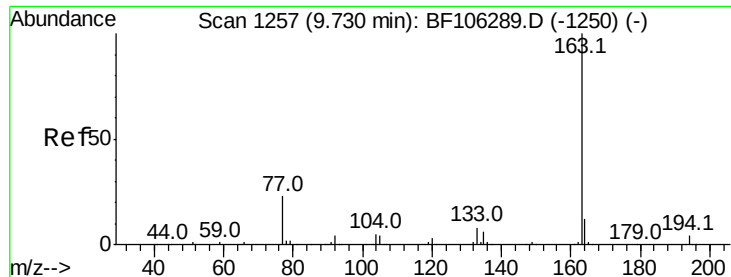
#44  
 2-Fluorobiphenyl  
 Concen: 122.661 ng  
 RT: 9.32 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BF106569.D  
 Acq: 19 Jun 2018 5:57

Tgt Ion:172 Resp: 1050444  
 Ion Ratio Lower Upper  
 172 100  
 171 37.5 29.7 44.5  
 170 25.4 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: 3.943 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA\_F

ClientSampleId :

W-12

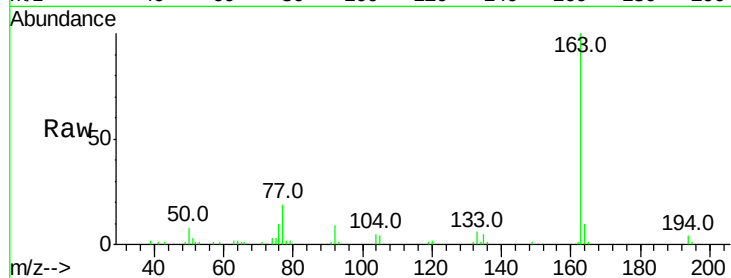
Tot Ion:163 Resp: 49002

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

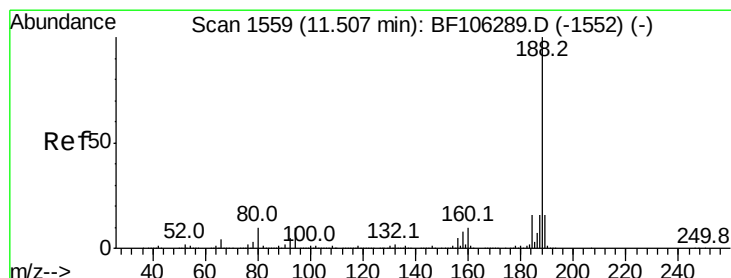
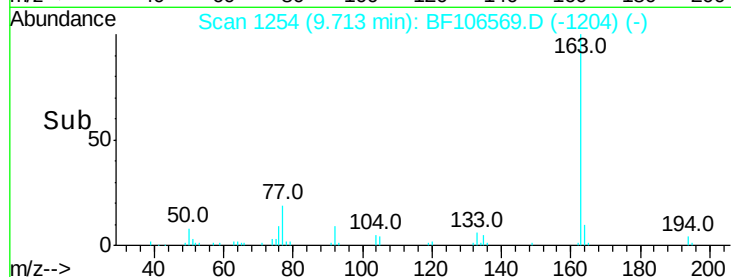
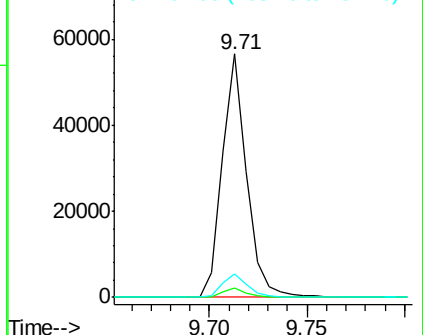
164 9.5 8.2 12.2



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

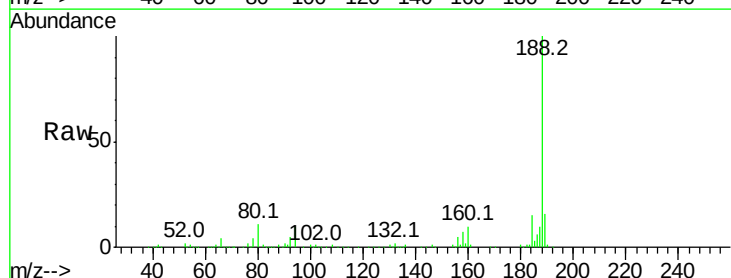
Tgt Ion:188 Resp: 277478

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

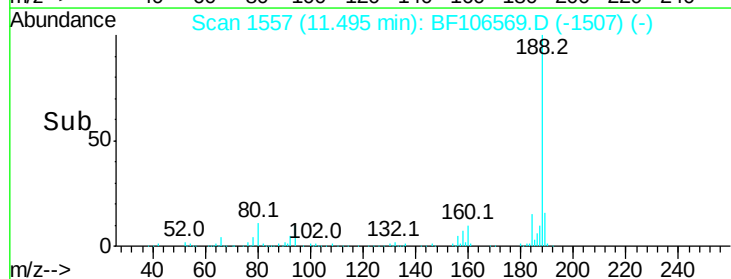
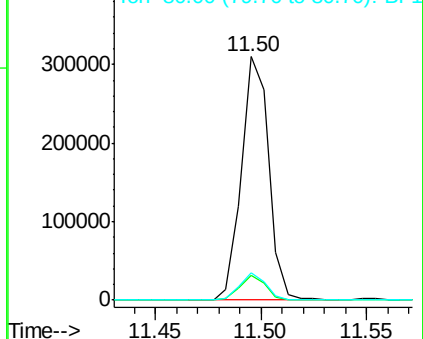
80 11.1 9.2 13.8

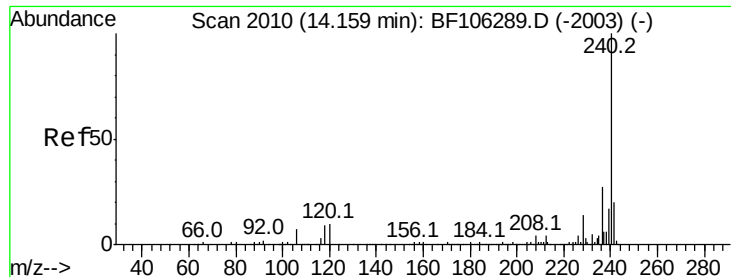


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA\_F

ClientSampleId :

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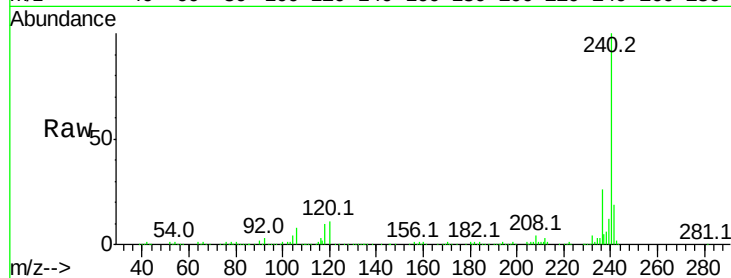
Tot Ion:240 Resp: 291560

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

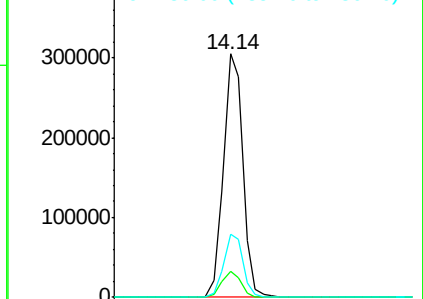
236 26.1 20.7 31.1



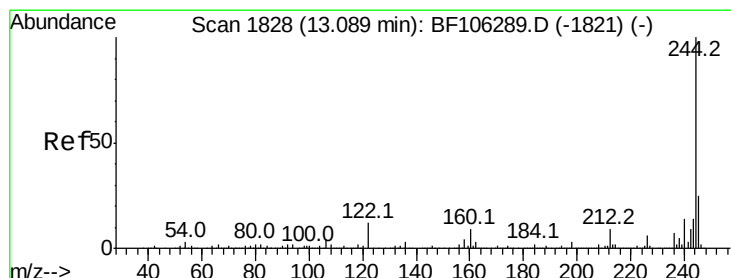
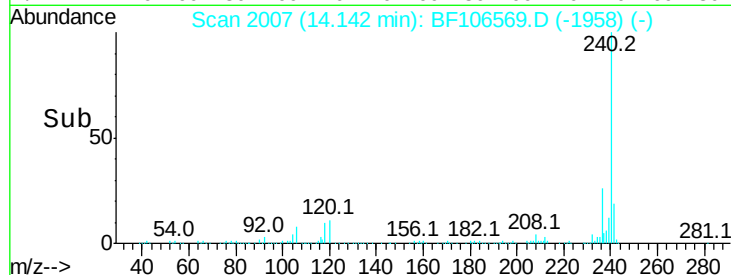
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 81.954 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

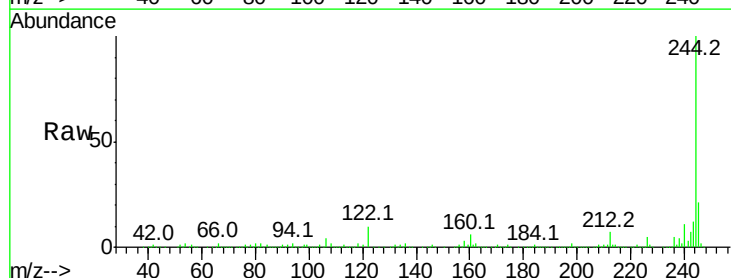
Tgt Ion:244 Resp: 962019

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

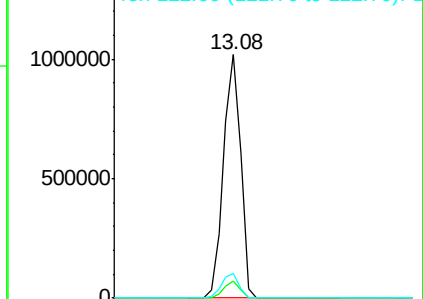
122 10.1 11.0 16.4#



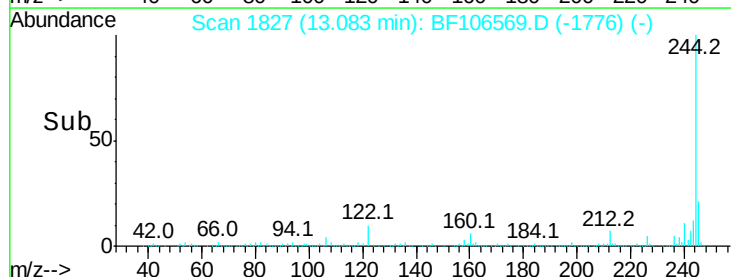
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

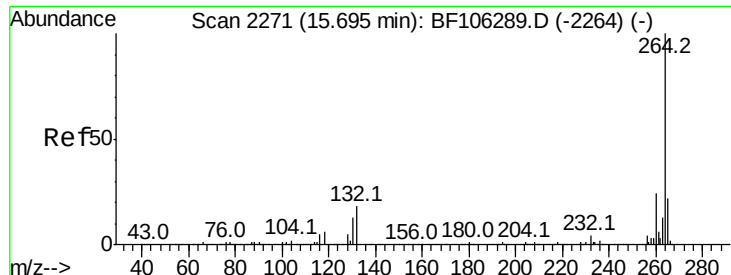
Ion 122.00 (121.70 to 122.70): E



Time-->



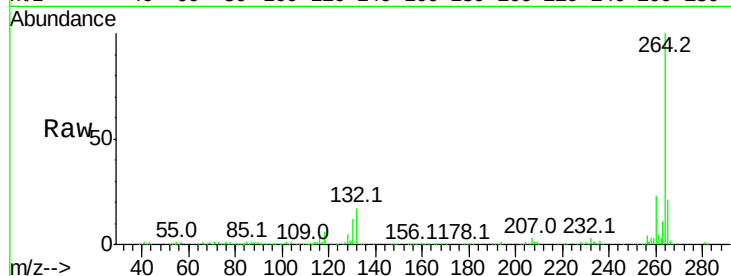




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.68 min Scan# 2268  
 Delta R.T. -0.01 min  
 Lab File: BF106569.D  
 Acq: 19 Jun 2018 5:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 256371 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.4  | 19.2  | 28.8   |
| 265      | 20.6  | 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

