

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\  
 Data File : BF106511.D  
 Acq On : 15 Jun 2018 23:51  
 Operator : JU/SJ  
 Sample : J3504-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-46COMP

Quant Time: Jun 16 03:27:13 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

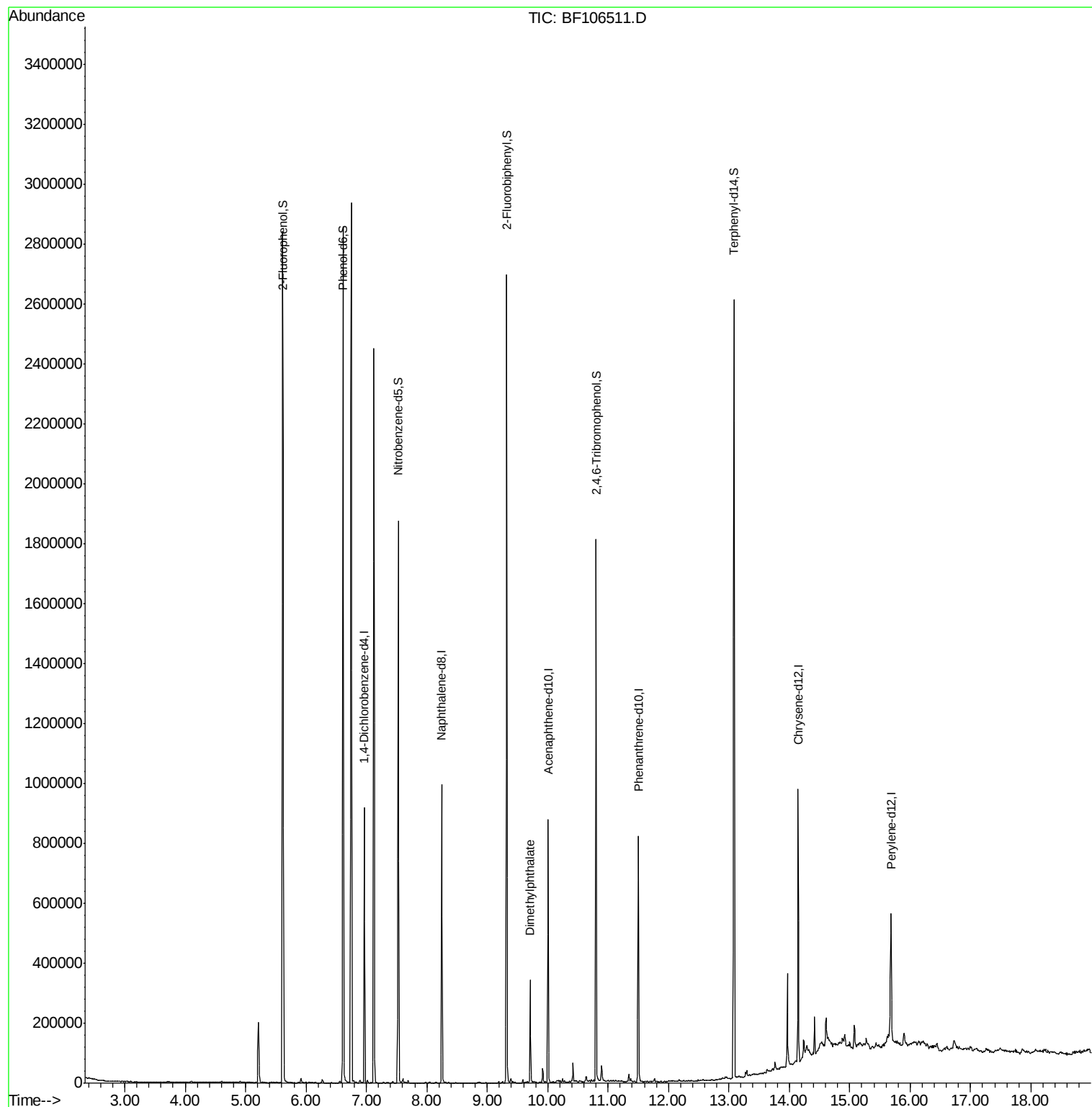
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 115091   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.25  | 136  | 395506   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.01 | 164  | 156908   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.50 | 188  | 289538   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 14.15 | 240  | 285745   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.68 | 264  | 199182   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 803431   | 118.15 | ng    | 0.00      |
| 7) Phenol-d6                | 6.61  | 99   | 953927   | 111.03 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 620998   | 92.37  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 219087   | 145.12 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 894472   | 111.24 | ng    | 0.00      |
| 78) Terphenyl-d14           | 13.08 | 244  | 931778   | 80.99  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.71  | 163  | 120509   | 10.750 | ng    | Qvalue 99 |

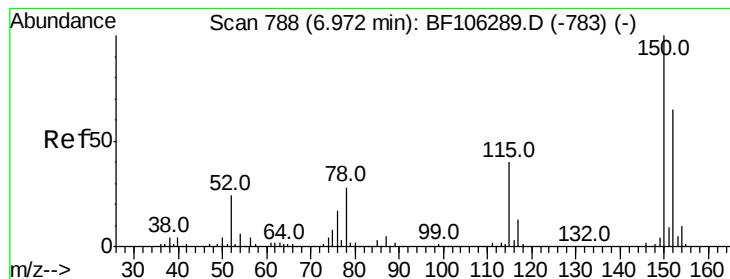
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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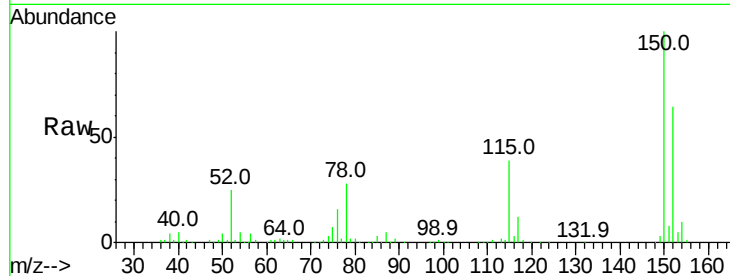


#1

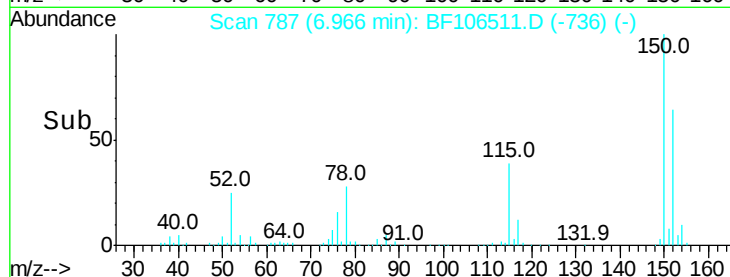
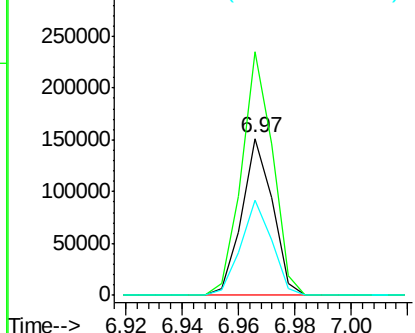
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF106511.D  
Acq: 15 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SB-46COMP

Tot Ion:152 Resp: 115091  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.6 186.8  
115 60.7 50.1 75.1



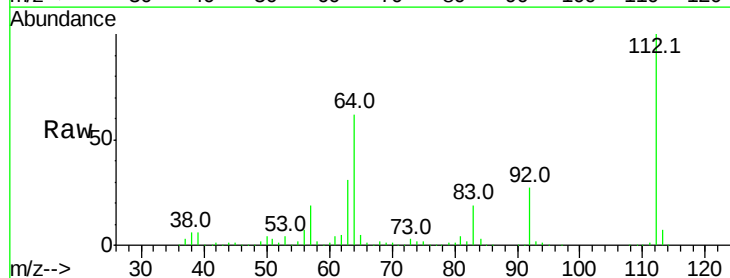
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



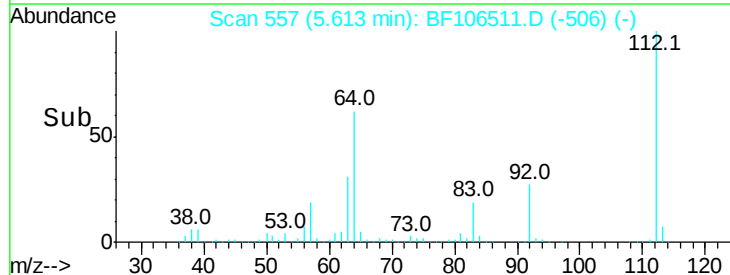
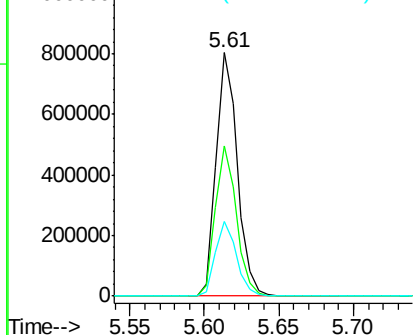
#5

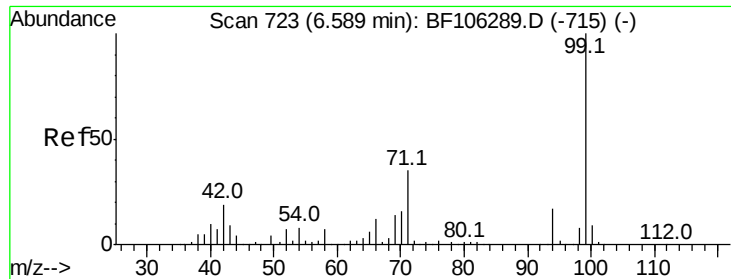
2-Fluorophenol  
Concen: 118.150 ng  
RT: 5.61 min Scan# 557  
Delta R.T. 0.00 min  
Lab File: BF106511.D  
Acq: 15 Jun 2018 23:51

Tgt Ion:112 Resp: 803431  
Ion Ratio Lower Upper  
112 100  
64 61.5 47.9 71.9  
63 30.9 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: 111.035 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA\_F

ClientSampleId :

SB-46COMP

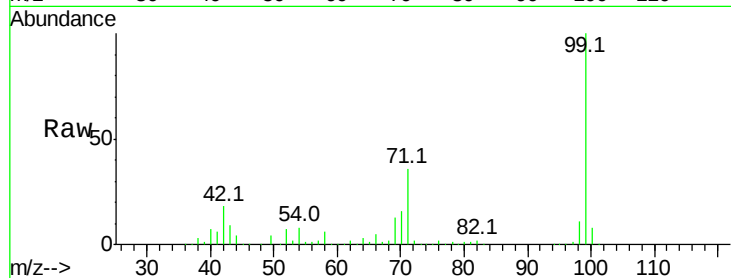
Tot Ion: 99 Resp: 953927

Ion Ratio Lower Upper

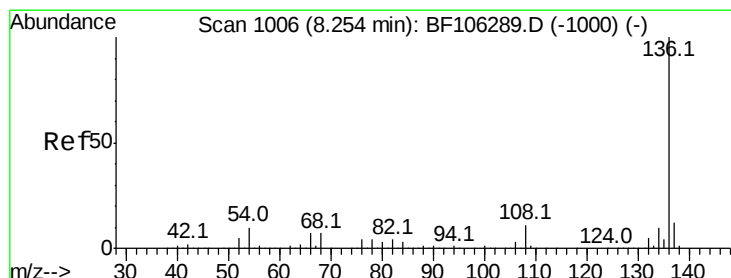
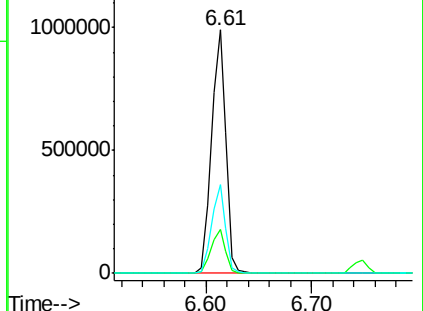
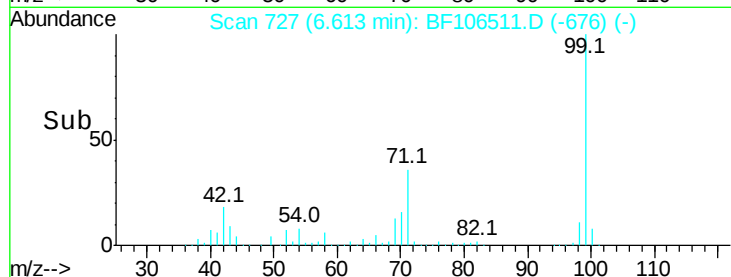
99 100

42 18.0 14.5 21.7

71 36.2 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: BF106511.D

Acq: 15 Jun 2018 23:51

Tgt Ion: 136 Resp: 395506

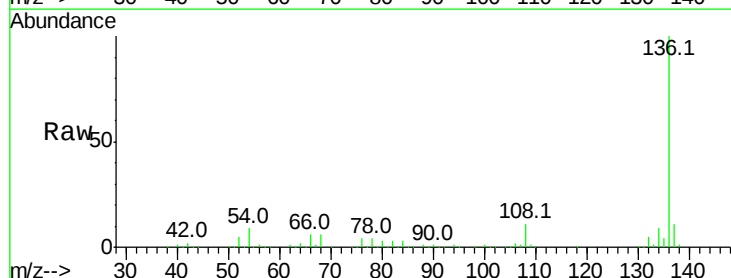
Ion Ratio Lower Upper

136 100

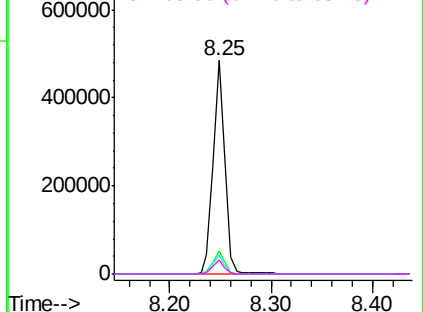
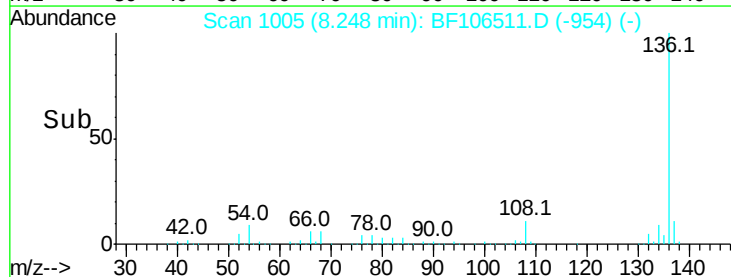
137 11.0 8.9 13.3

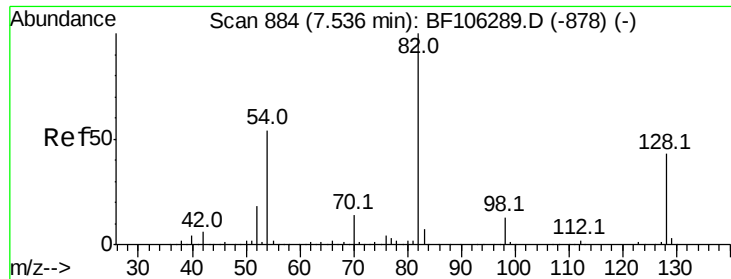
54 8.8 6.6 9.8

68 6.5 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

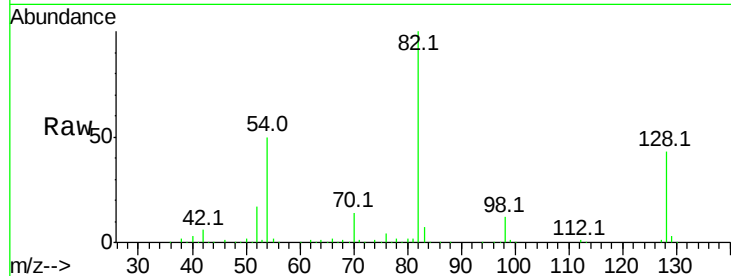




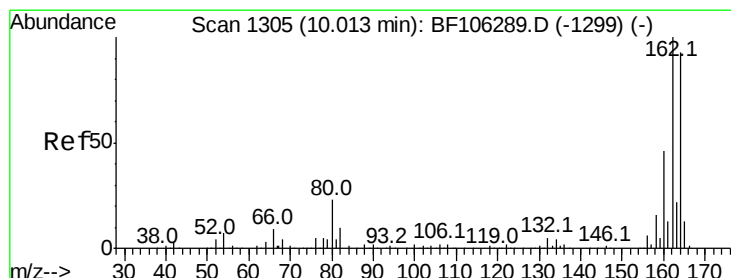
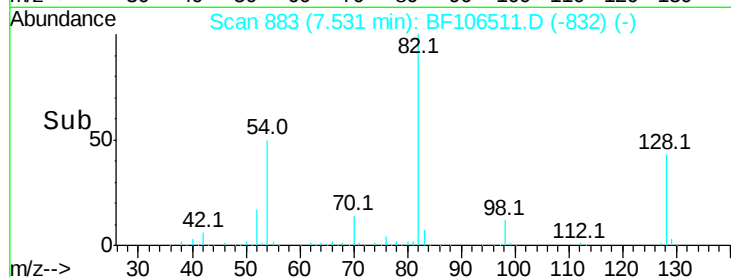
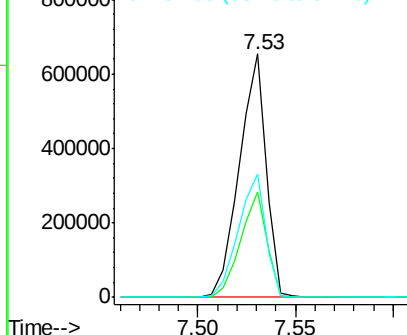
#23  
 Nitrobenzene-d5  
 Concen: 92.369 ng  
 RT: 7.53 min Scan# 883  
 Delta R.T. 0.00 min  
 Lab File: BF106511.D  
 Acq: 15 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-46COMP

Tot Ion: 82 Resp: 620998  
 Ion Ratio Lower Upper  
 82 100  
 128 43.2 36.1 54.1  
 54 50.5 41.4 62.2

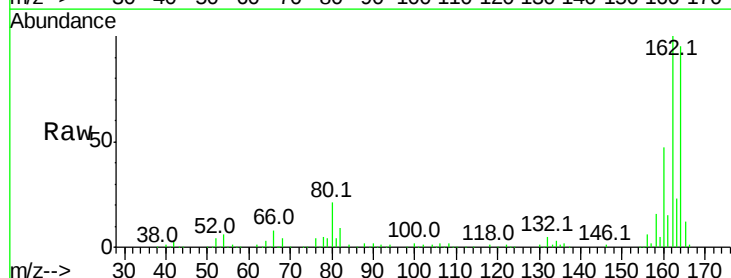


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

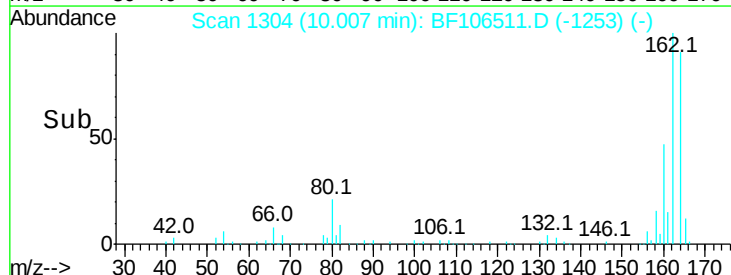
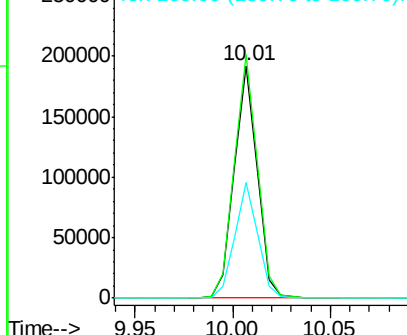


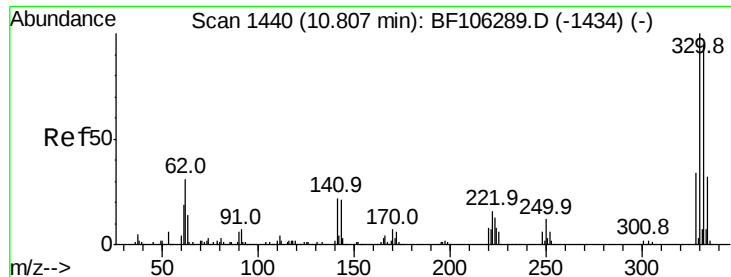
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.01 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: BF106511.D  
 Acq: 15 Jun 2018 23:51

Tgt Ion:164 Resp: 156908  
 Ion Ratio Lower Upper  
 164 100  
 162 104.8 86.1 129.1  
 160 49.6 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

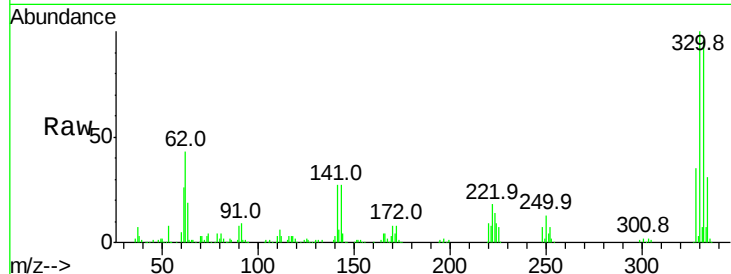




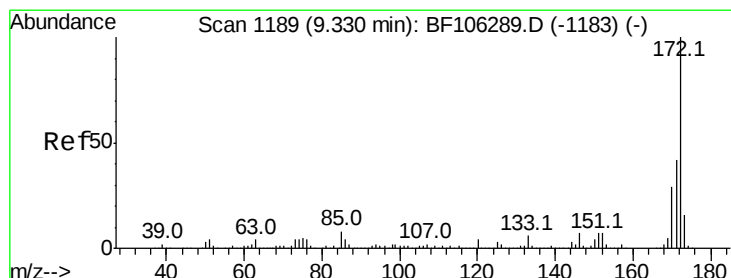
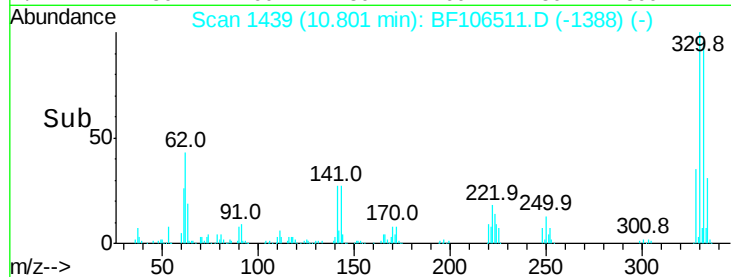
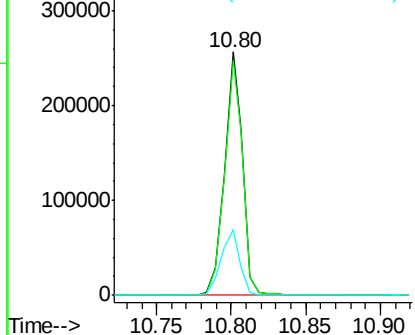
#41  
 2,4,6-Tribromophenol  
 Concen: 145.117 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF106511.D  
 Acq: 15 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-46COMP

Tot Ion:330 Resp: 219087  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.0 115.6  
 141 28.5 29.9 44.9#

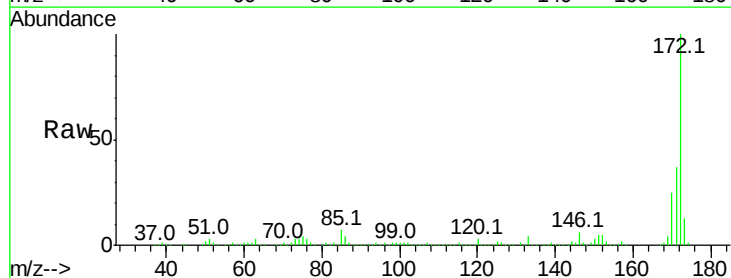


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

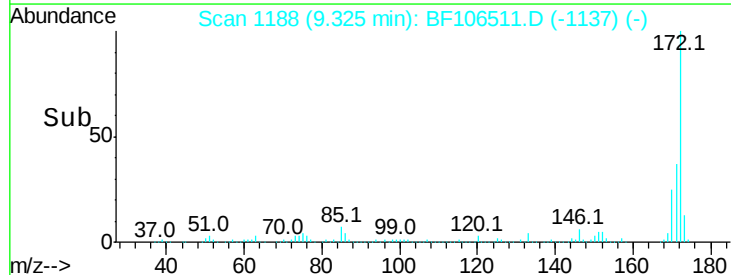
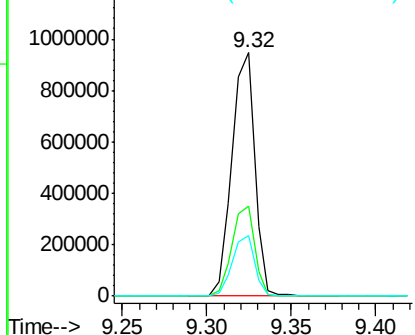


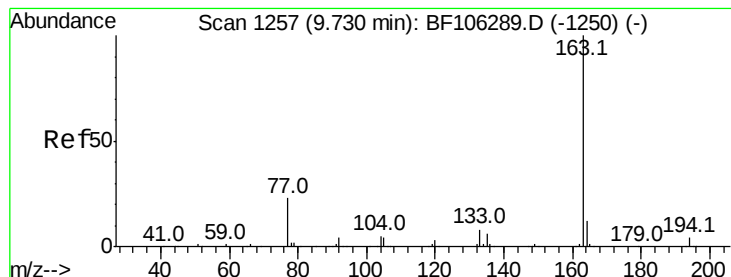
#44  
 2-Fluorobiphenyl  
 Concen: 111.238 ng  
 RT: 9.32 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BF106511.D  
 Acq: 15 Jun 2018 23:51

Tgt Ion:172 Resp: 894472  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 29.7 44.5  
 170 25.0 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: 10.750 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA\_F

ClientSampleId :

SB-46COMP

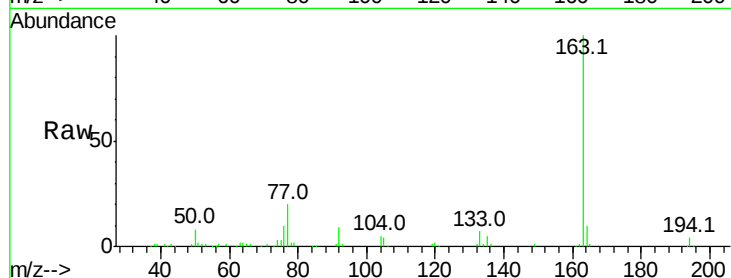
Tot Ion:163 Resp: 120509

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

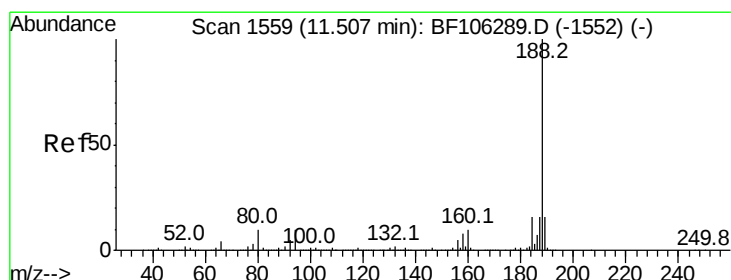
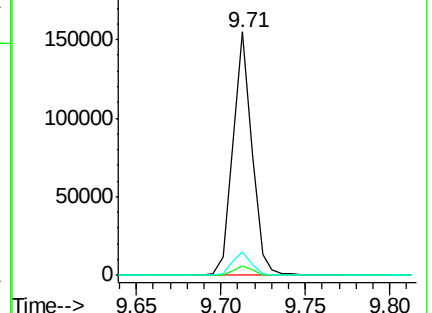
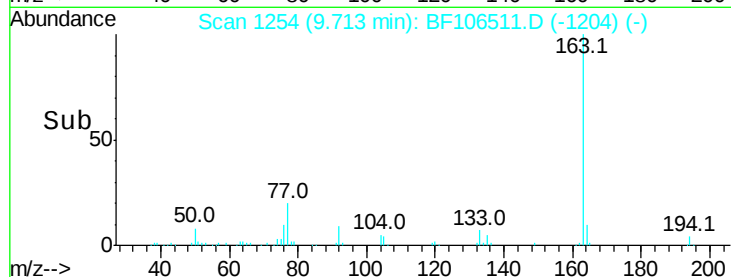
164 9.8 8.2 12.2



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# 1558

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

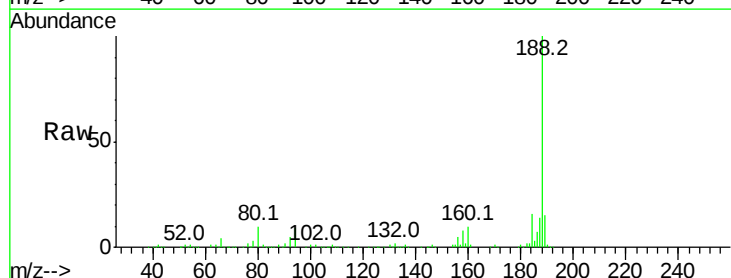
Tgt Ion:188 Resp: 289538

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

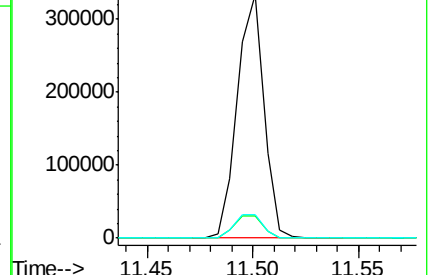
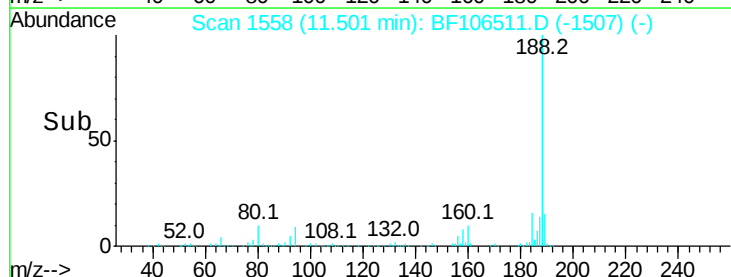
80 9.8 9.2 13.8

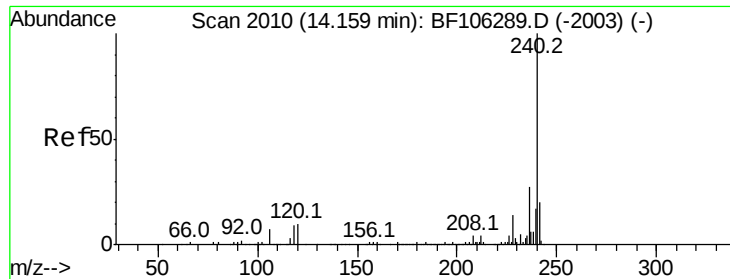


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA\_F

ClientSampleId :

SB-46COMP

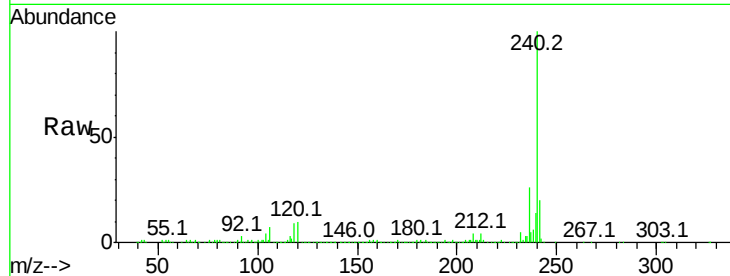
Tot Ion:240 Resp: 285745

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

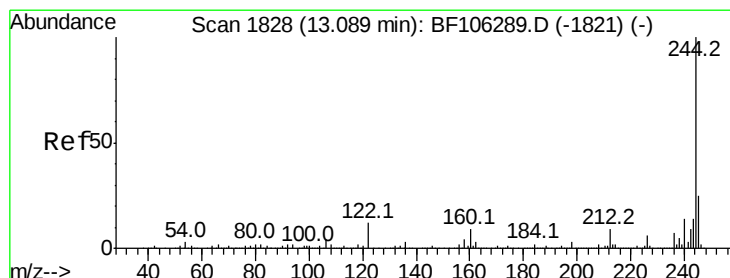
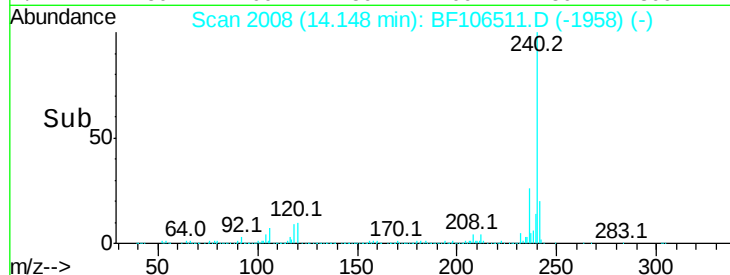
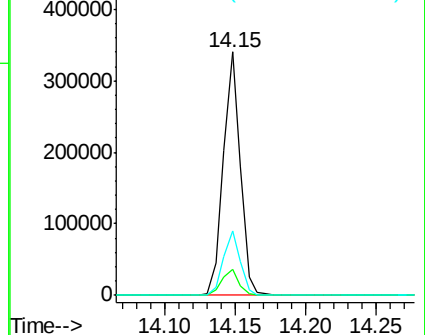
236 26.5 20.7 31.1



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: 80.993 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

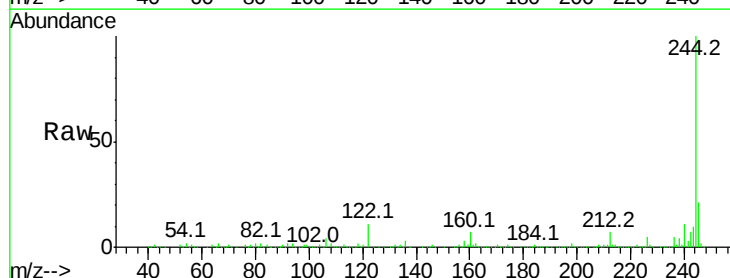
Tgt Ion:244 Resp: 931778

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

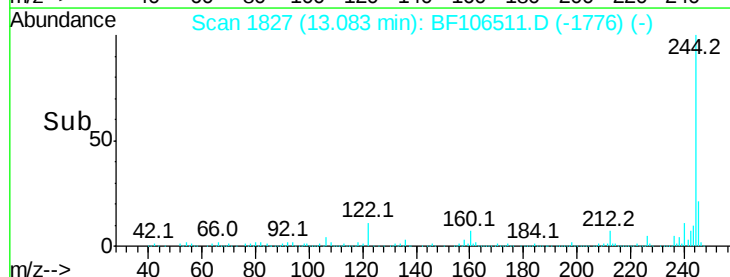
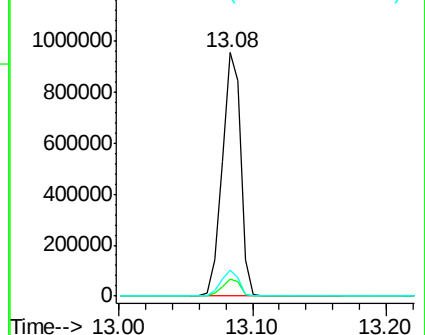
122 10.8 11.0 16.4#

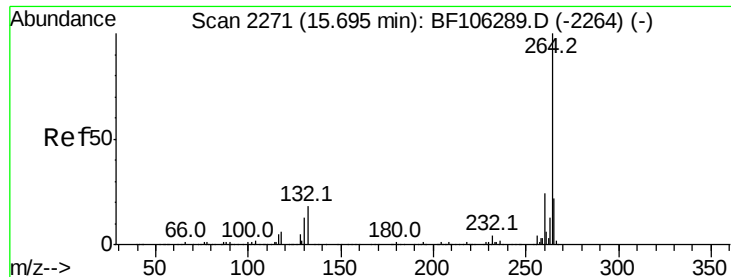


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



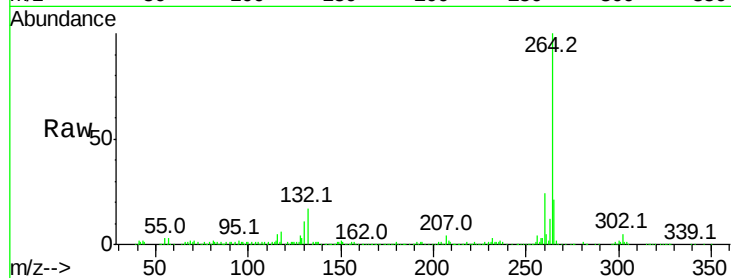


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2269  
Delta R.T. 0.00 min  
Lab File: BF106511.D  
Acq: 15 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SB-46COMP

Tot Ion:264 Resp: 199182  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 19.2  | 28.8  |
| 265 | 21.0  | 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

