

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
 Data File : BF103461.D  
 Acq On : 6 Mar 2018 17:56  
 Operator : SJ/JU  
 Sample : J1792-07  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Quant Time: Mar 07 00:23:33 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 06 11:52:59 2018  
 Response via : Initial Calibration

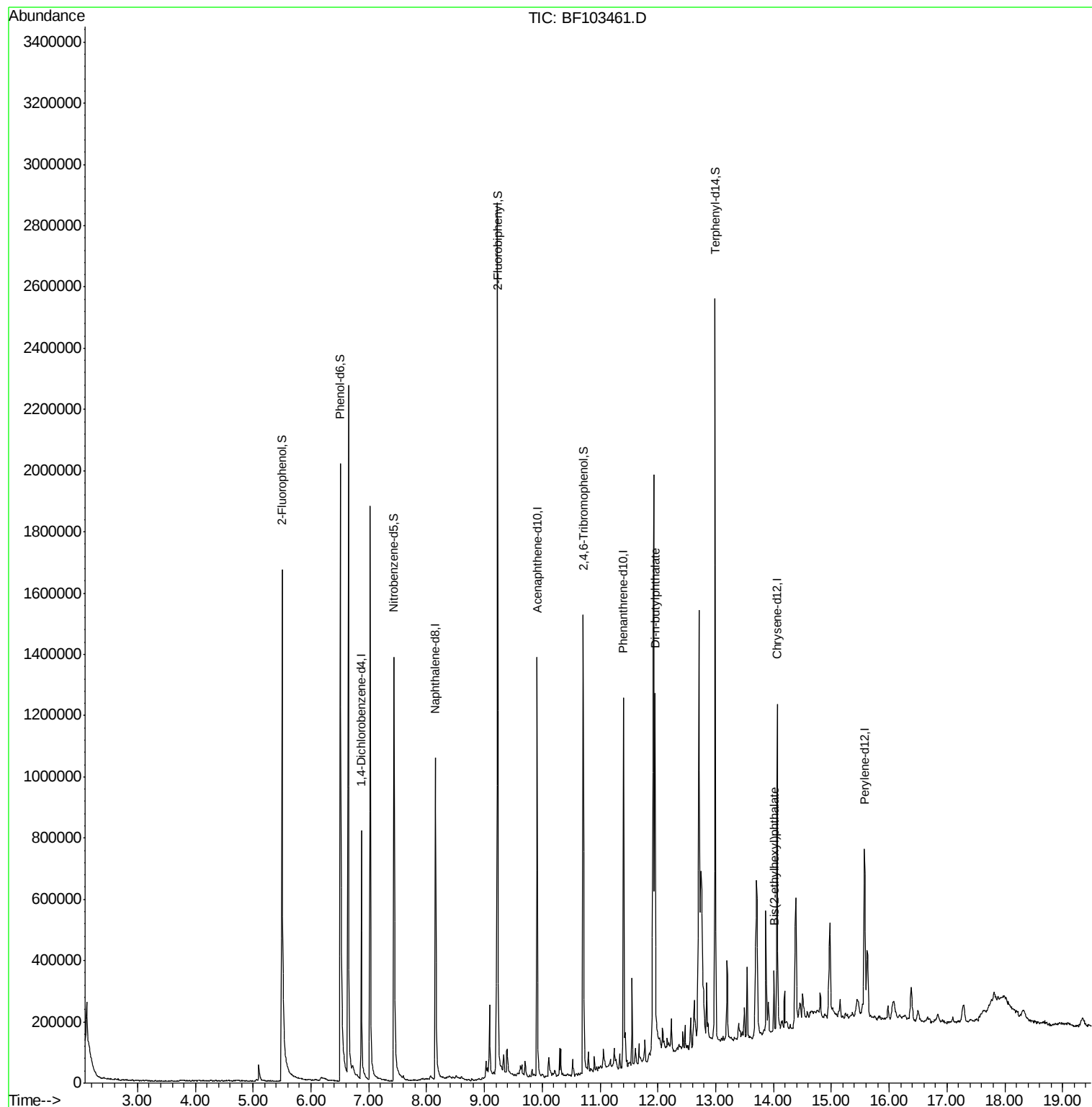
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.87  | 152  | 133287   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.15  | 136  | 600250   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.91  | 164  | 271194   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.40 | 188  | 495772   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.06 | 240  | 369096   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.57 | 264  | 290984   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.50  | 112  | 744561   | 84.49  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.51  | 99   | 978108   | 90.70  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.43  | 82   | 602422   | 57.32  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.71 | 330  | 176475   | 76.88  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.23  | 172  | 954466   | 55.69  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.99 | 244  | 847714   | 55.21  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 544080   | 15.606 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 50010    | 2.437  | ng    | # 98     |

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

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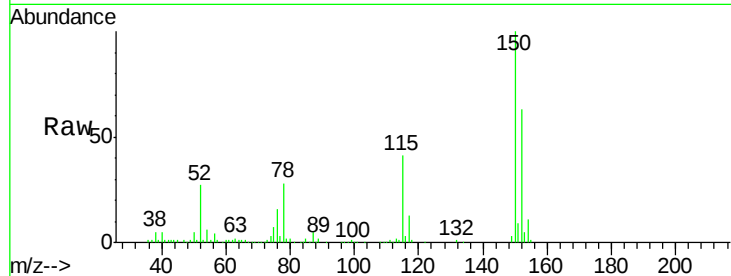


#1

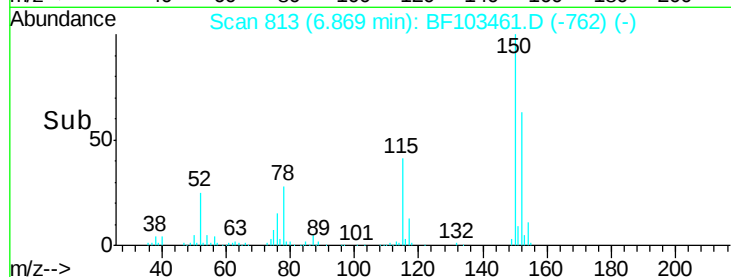
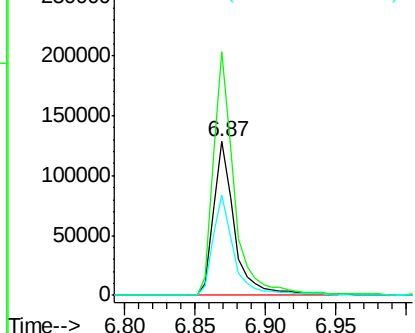
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF103461.D  
Acq: 6 Mar 2018 17:56

Instrument :  
BNA\_F  
ClientSampled :  
TP-12

Tot Ion:152 Resp: 133287  
Ion Ratio Lower Upper  
152 100  
150 158.6 124.6 186.8  
115 65.4 50.1 75.1



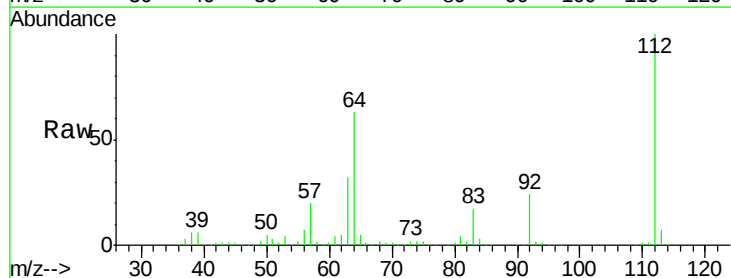
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



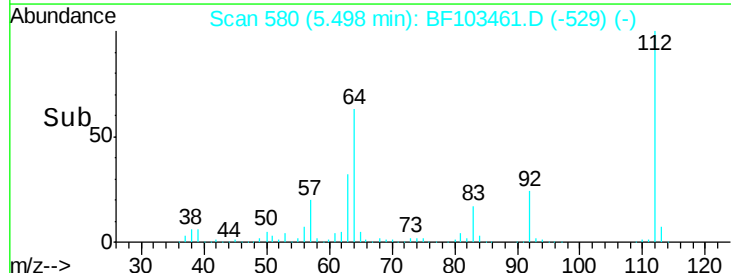
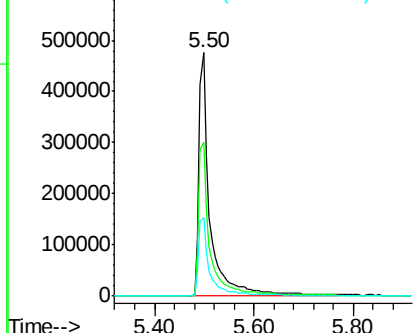
#5

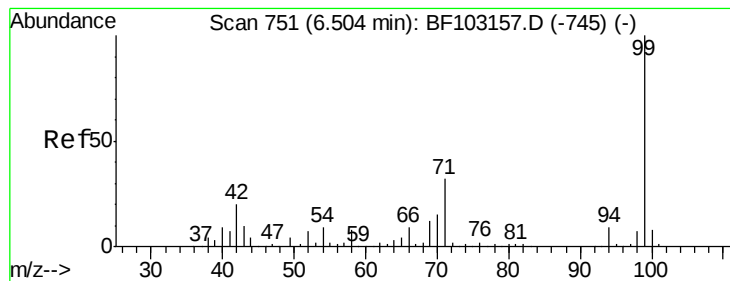
2-Fluorophenol  
Concen: 84.487 ng  
RT: 5.50 min Scan# 580  
Delta R.T. 0.00 min  
Lab File: BF103461.D  
Acq: 6 Mar 2018 17:56

Tgt Ion:112 Resp: 744561  
Ion Ratio Lower Upper  
112 100  
64 63.4 47.9 71.9  
63 32.1 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: 90.702 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA\_F

ClientSampleId :

TP-12

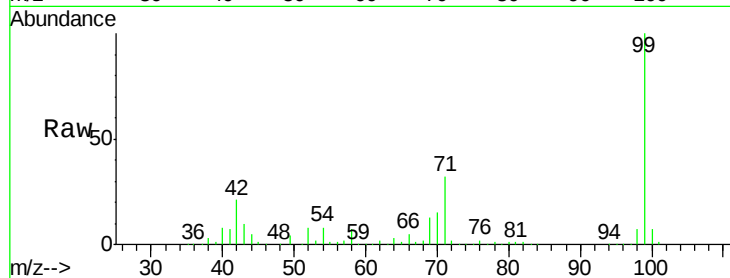
Tot Ion: 99 Resp: 978108

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

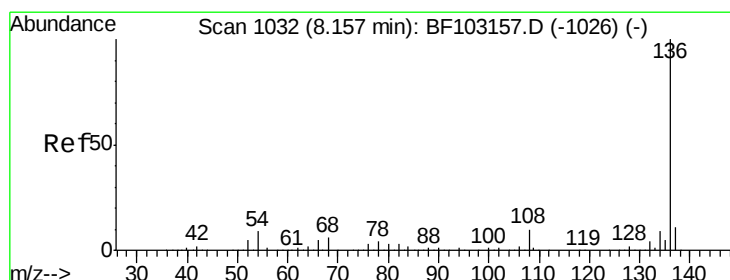
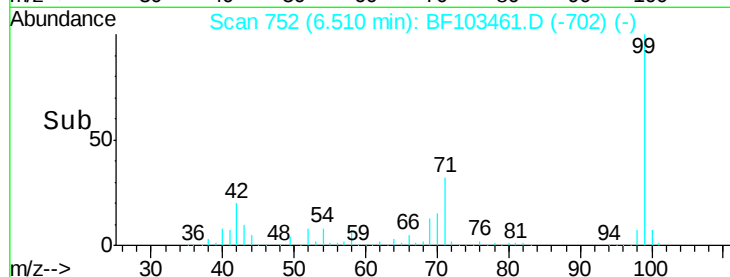
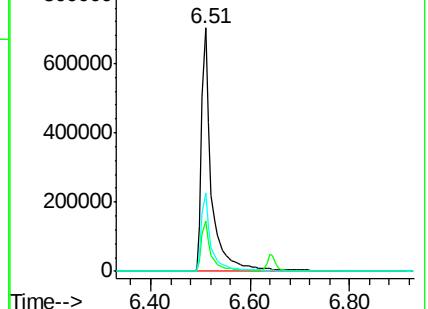
71 32.2 25.4 38.0



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Tgt Ion: 136 Resp: 600250

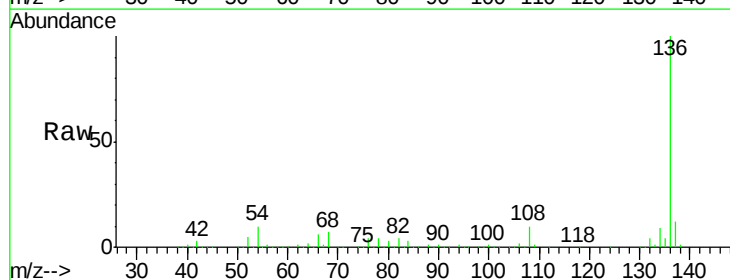
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

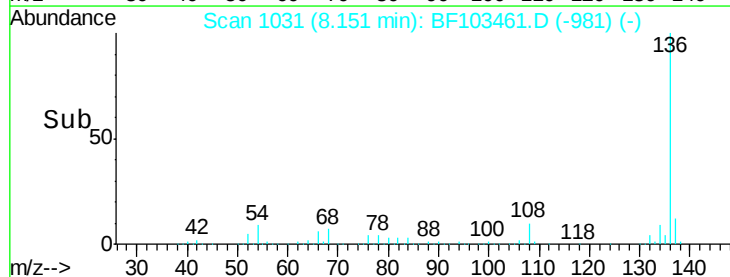
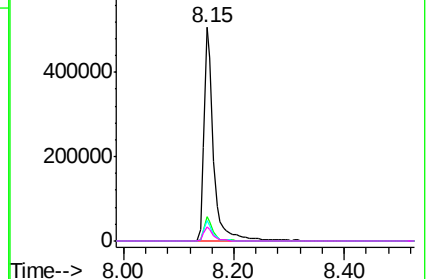


Abundance Ion 136.00 (135.70 to 136.70): E

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



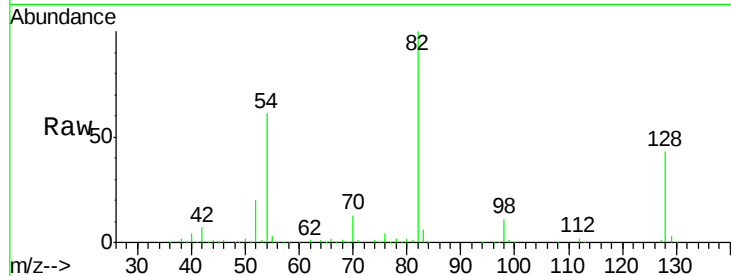


#23  
 Nitrobenzene-d5  
 Concen: 57.315 ng  
 RT: 7.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

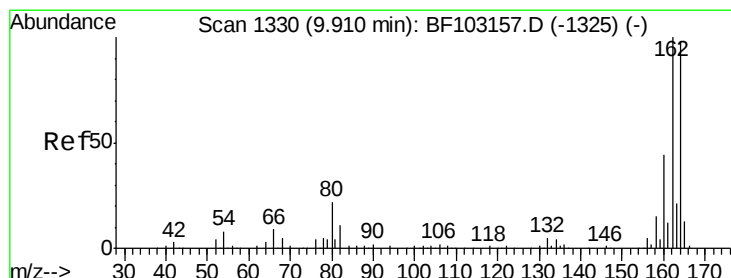
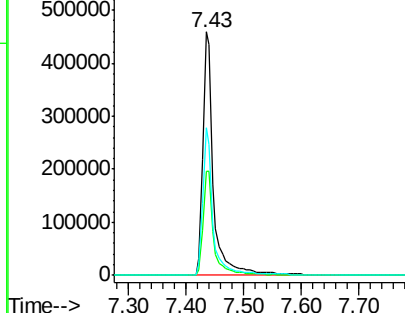
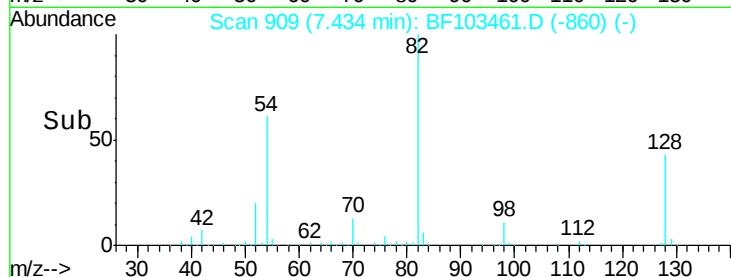
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Tot Ion: 82 Resp: 602422  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.9  | 36.1  | 54.1  |
| 54  | 60.9  | 41.4  | 62.2  |



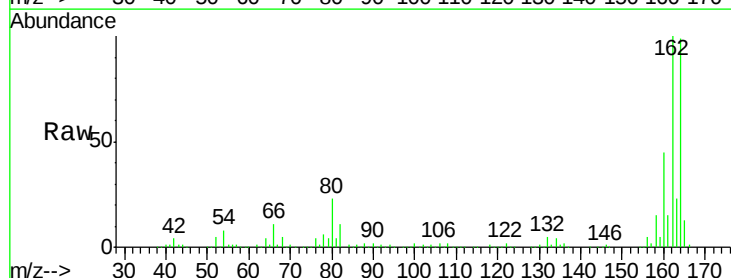
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



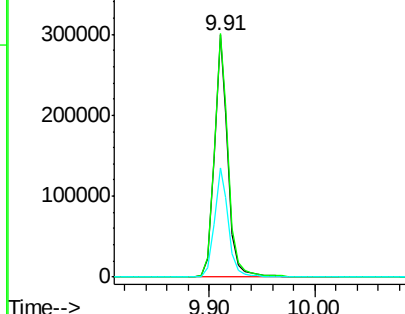
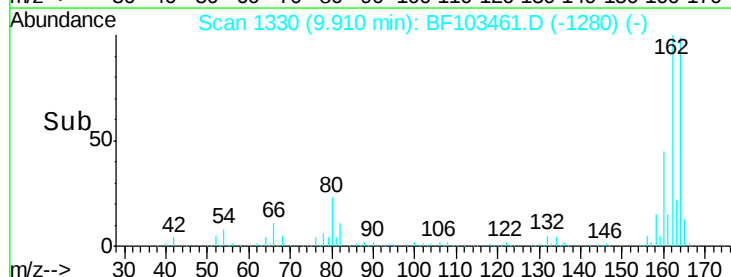
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

Tgt Ion: 164 Resp: 271194  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.7 | 86.1  | 129.1 |
| 160 | 45.2  | 38.3  | 57.5  |



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

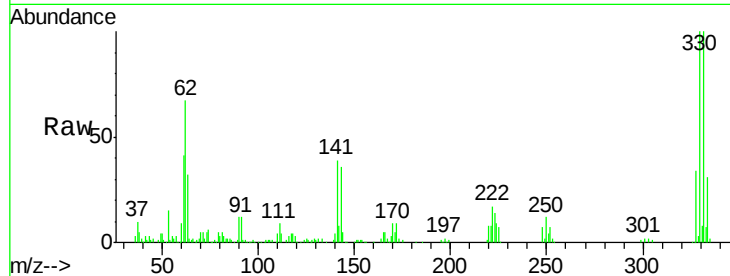




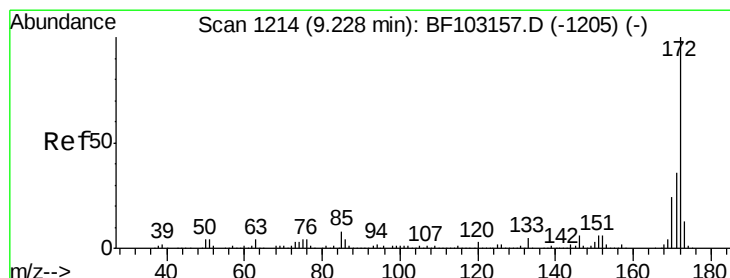
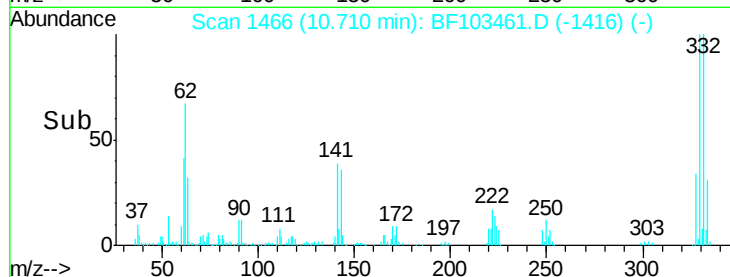
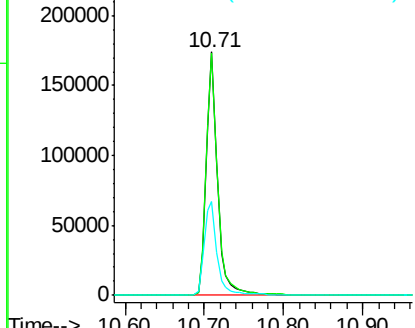
#41  
 2,4,6-Tribromophenol  
 Concen: 76.878 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.01 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Tot Ion:330 Resp: 176475  
 Ion Ratio Lower Upper  
 330 100  
 332 101.5 77.0 115.6  
 141 44.1 29.9 44.9

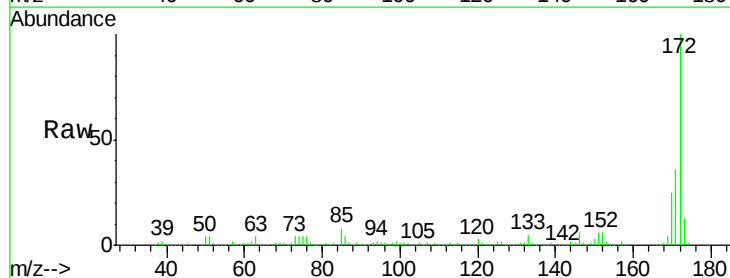


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

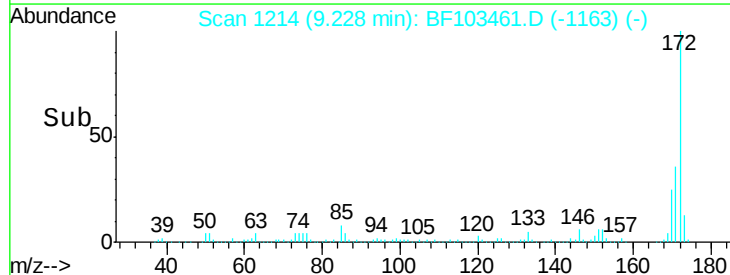
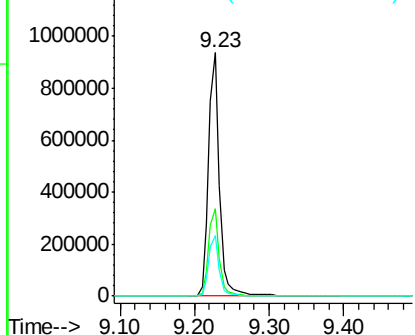


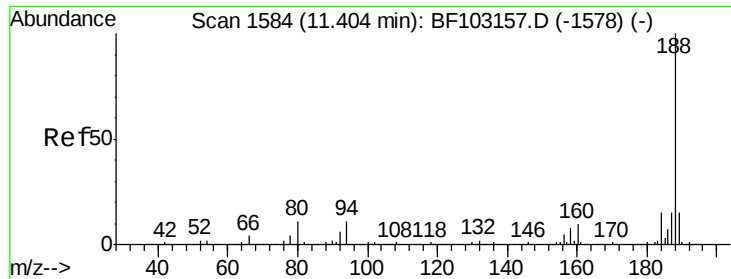
#44  
 2-Fluorobiphenyl  
 Concen: 55.688 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. 0.00 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

Tgt Ion:172 Resp: 954466  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.7 44.5  
 170 24.7 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

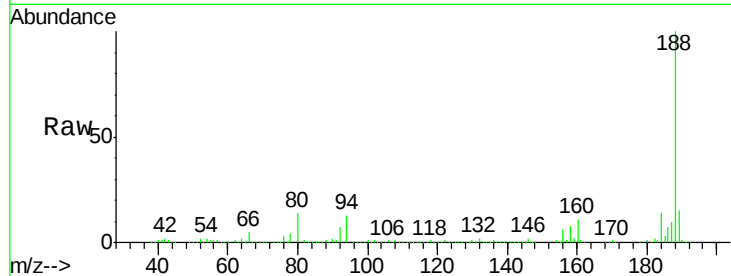




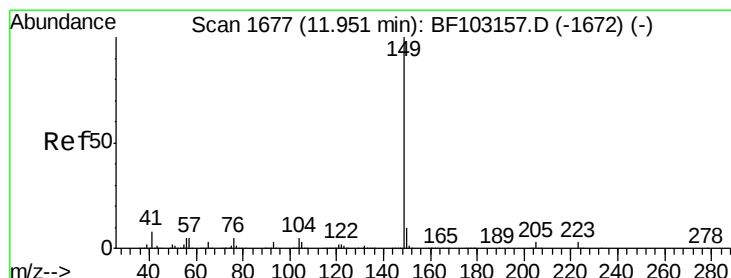
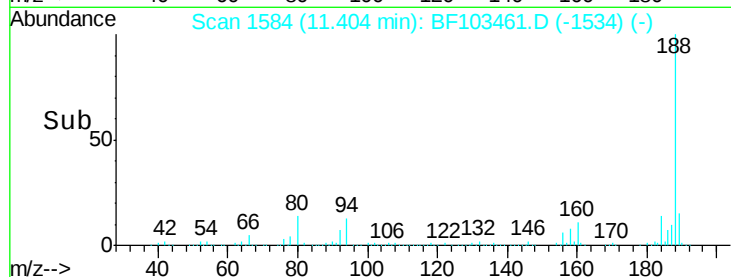
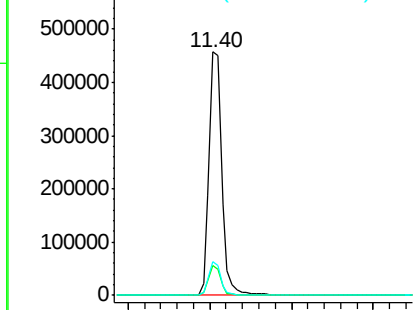
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF103461.D  
Acq: 6 Mar 2018 17:56

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

Tot Ion:188 Resp: 495772  
Ion Ratio Lower Upper  
188 100  
94 12.5 8.5 12.7  
80 13.7 9.2 13.8

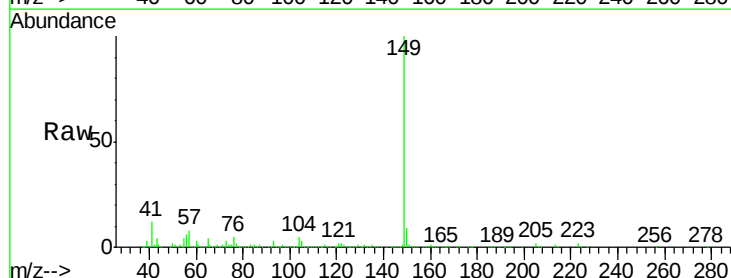


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

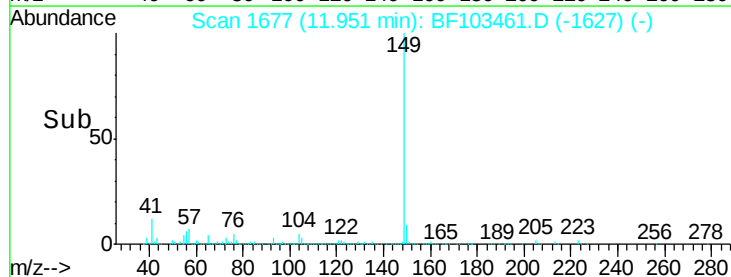
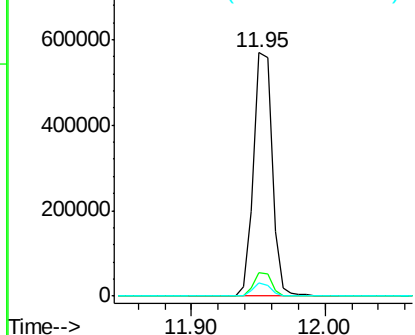


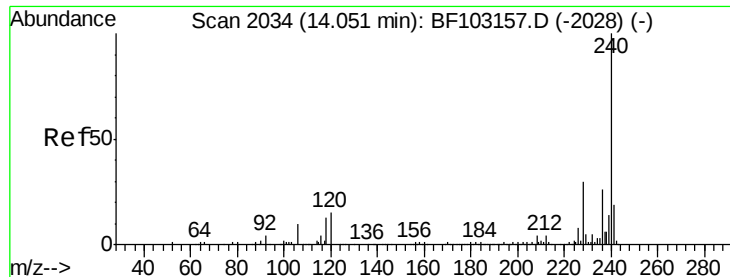
#73  
Di-n-butylphthalate  
Concen: 15.606 ng  
RT: 11.95 min Scan# 1677  
Delta R.T. -0.01 min  
Lab File: BF103461.D  
Acq: 6 Mar 2018 17:56

Tgt Ion:149 Resp: 544080  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.6  
104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

Instrument :

BNA\_F

ClientSampleId :

TP-12

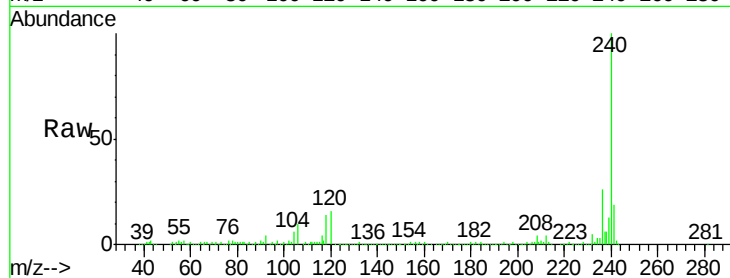
Tot Ion:240 Resp: 369096

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

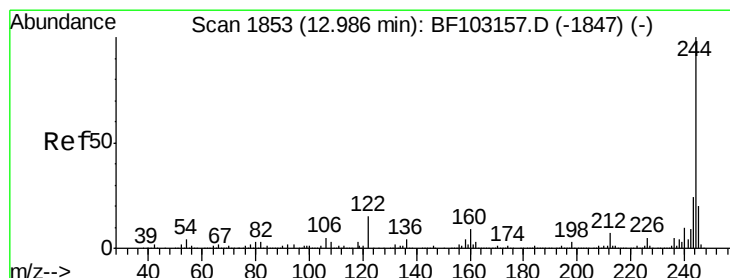
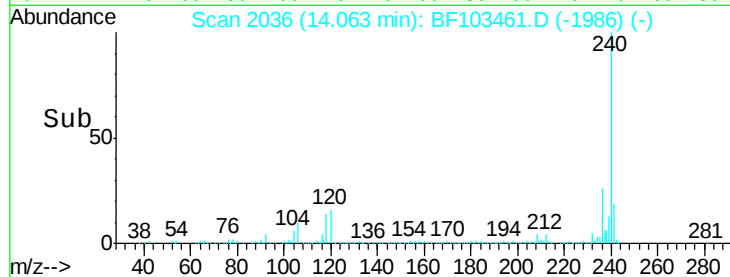
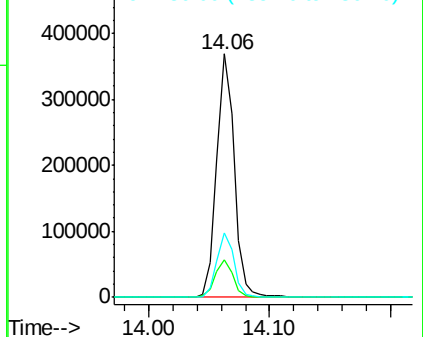
236 26.4 20.7 31.1



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: 55.210 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103461.D

Acq: 6 Mar 2018 17:56

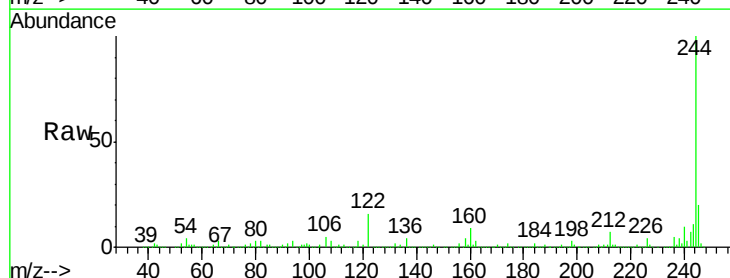
Tgt Ion:244 Resp: 847714

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

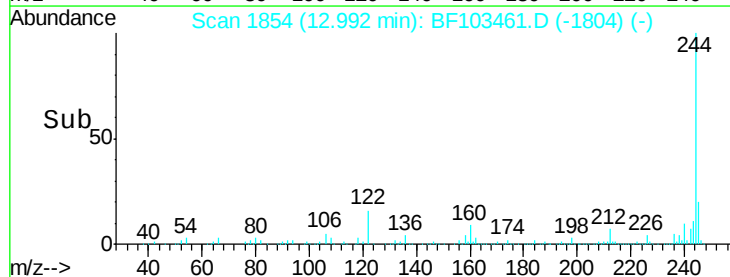
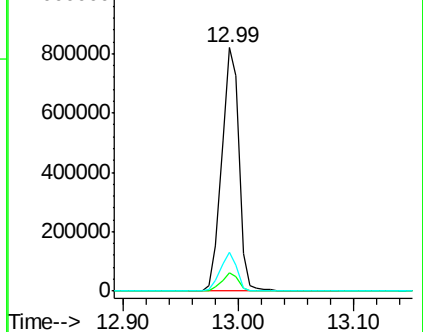
122 15.8 11.0 16.4

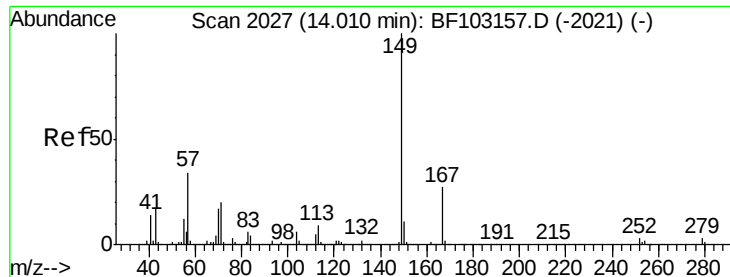


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

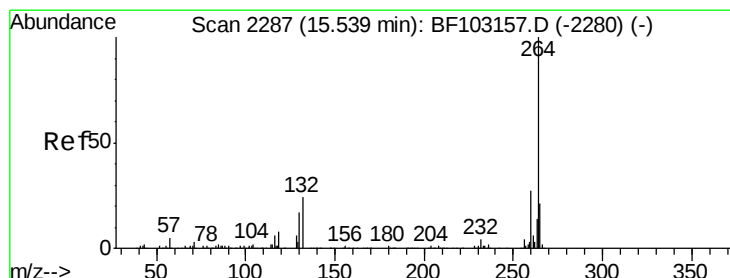
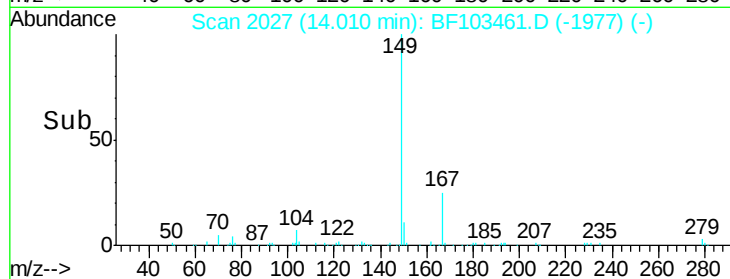
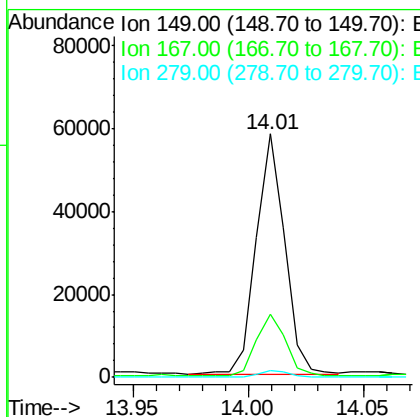
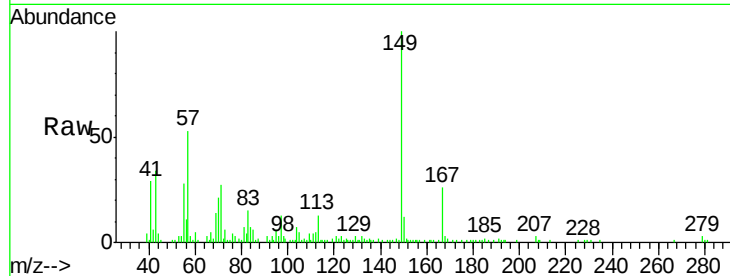




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.437 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Tot Ion:149 Resp: 50010  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.3 31.9  
 279 2.6 3.0 4.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.57 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BF103461.D  
 Acq: 6 Mar 2018 17:56

Tgt Ion:264 Resp: 290984  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.2 28.8  
 265 21.9 17.5 26.3

