

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\  
 Data File : BF103539.D  
 Acq On : 9 Mar 2018 2:32  
 Operator : SJ/JU  
 Sample : J1794-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 030118-SIDI-F-D-M

Quant Time: Mar 09 03:24:08 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 08 14:20:19 2018  
 Response via : Initial Calibration

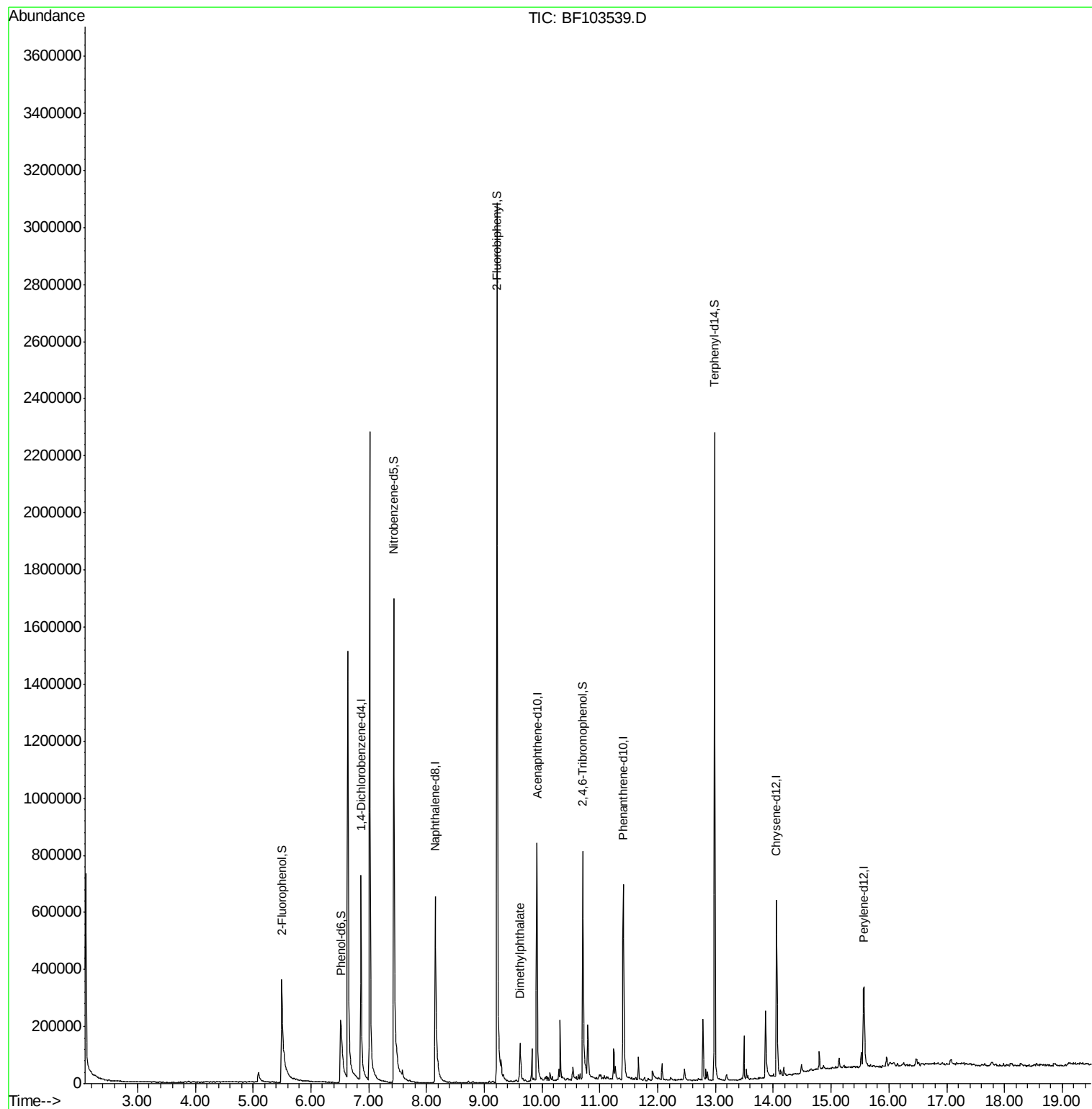
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 139256   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.15  | 136  | 571453   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.90  | 164  | 215515   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.40 | 188  | 335310   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.06 | 240  | 241910   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.57 | 264  | 172960   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 280769   | 30.49 | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 222145   | 19.72 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 833790   | 83.33 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 105399   | 57.78 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 1167693  | 96.30 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.99 | 244  | 759693   | 75.49 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.62  | 163  | 69347    | 4.011 | ng    | 98       |

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

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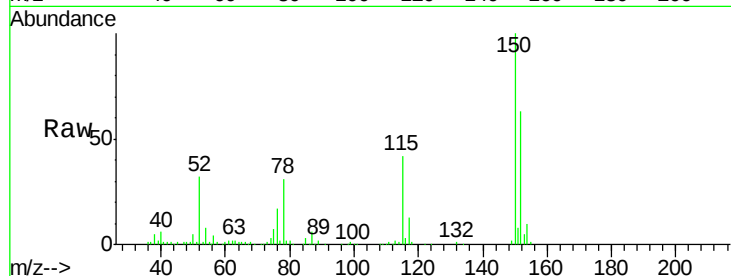


#1

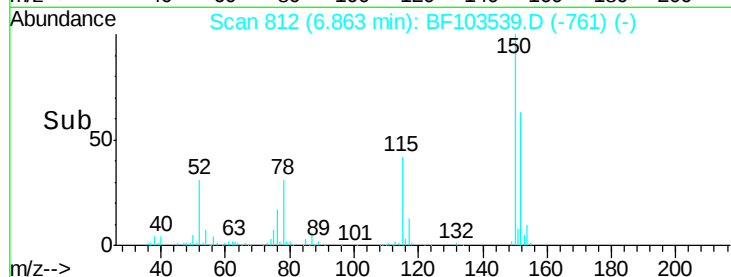
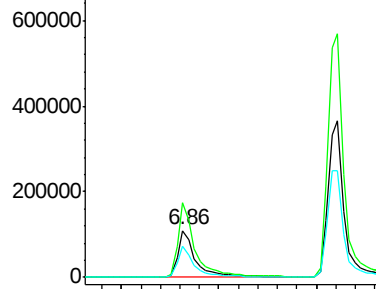
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF103539.D  
Acq: 9 Mar 2018 2:32

Instrument :  
BNA\_F  
ClientSampleId :  
030118-SIDI-F-D-M

Tot Ion:152 Resp: 139256  
Ion Ratio Lower Upper  
152 100  
150 158.6 124.6 186.8  
115 66.8 50.1 75.1



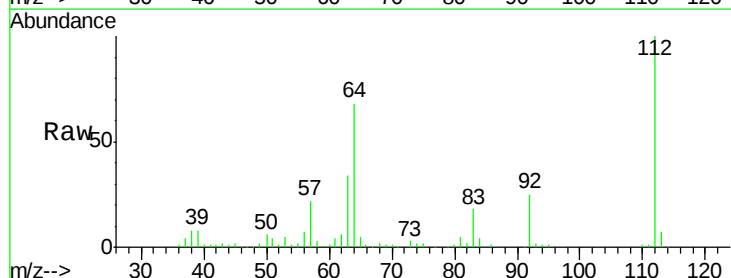
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



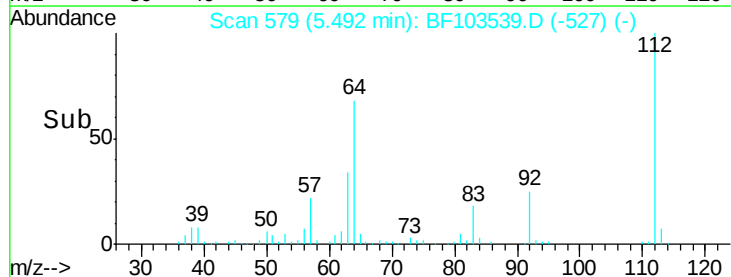
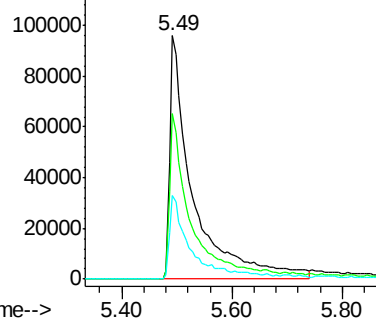
#5

2-Fluorophenol  
Concen: 30.494 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: BF103539.D  
Acq: 9 Mar 2018 2:32

Tgt Ion:112 Resp: 280769  
Ion Ratio Lower Upper  
112 100  
64 68.0 47.9 71.9  
63 34.4 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: 19.717 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA\_F

ClientSampleId :

030118-SIDI-F-D-M

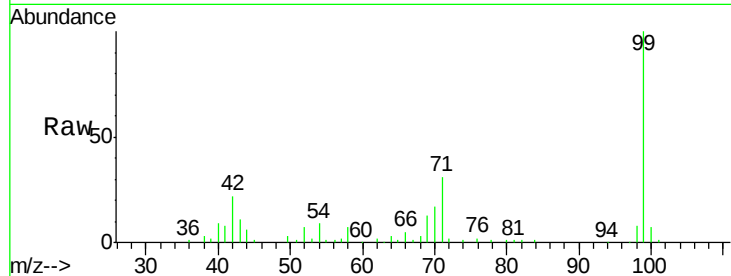
Tot Ion: 99 Resp: 222145

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

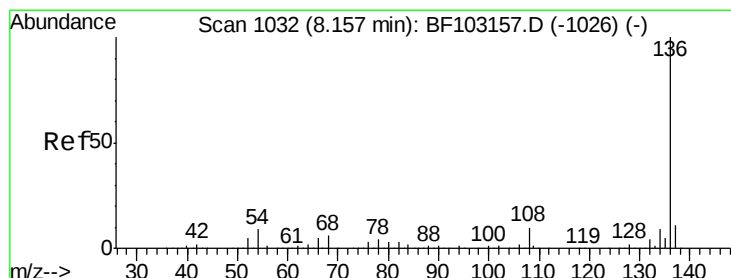
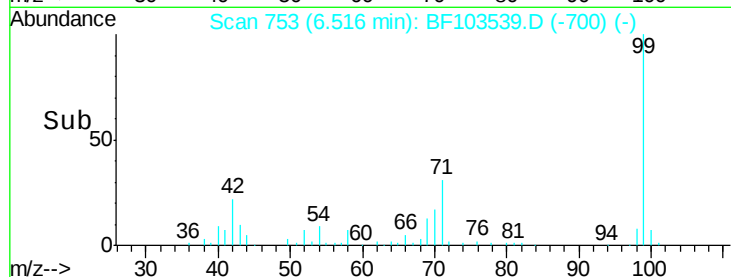
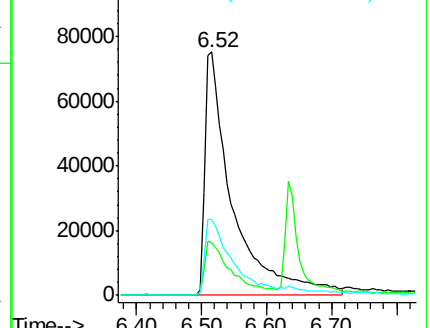
71 31.3 25.4 38.0



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. -0.00 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Tgt Ion: 136 Resp: 571453

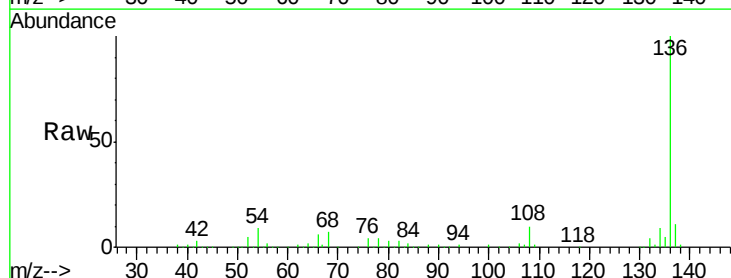
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.6 5.0 7.4

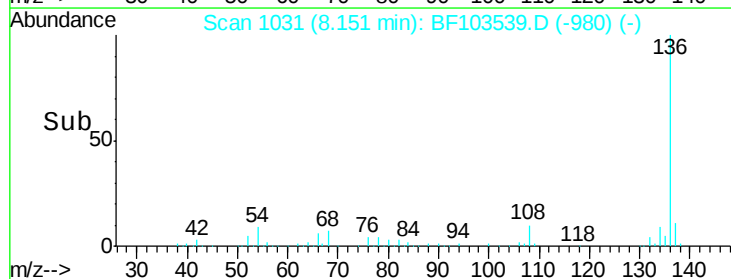
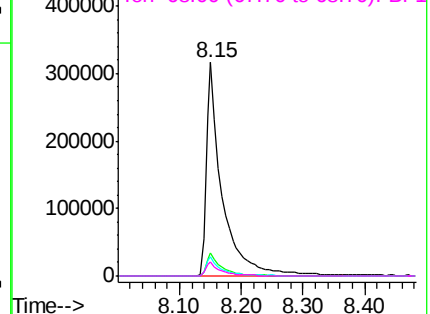


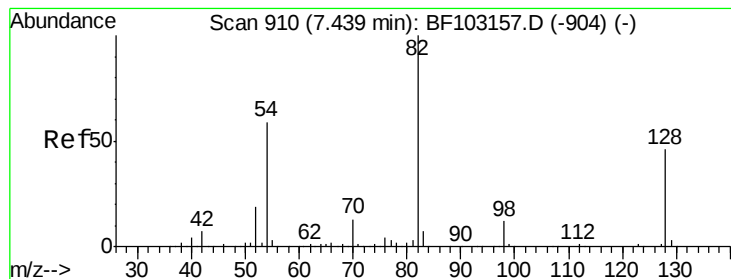
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.325 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA\_F

ClientSampleId :

030118-SIDI-F-D-M

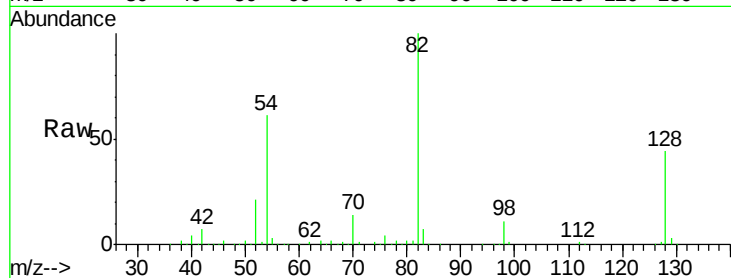
Tot Ion: 82 Resp: 833790

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

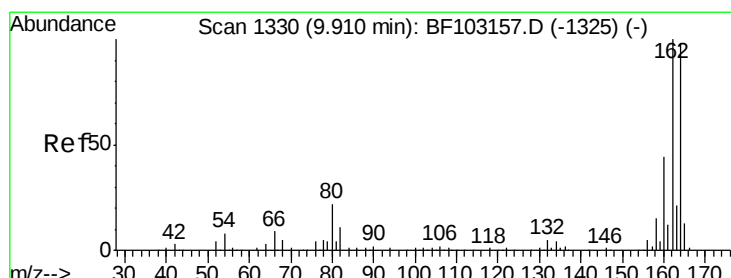
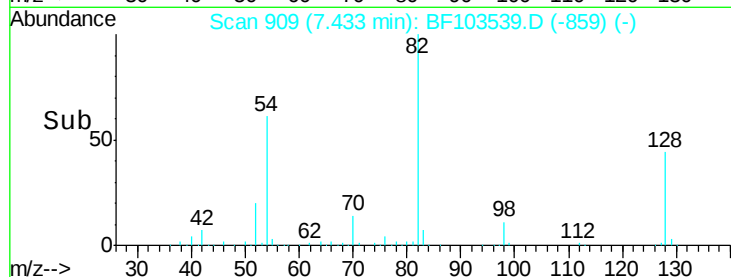
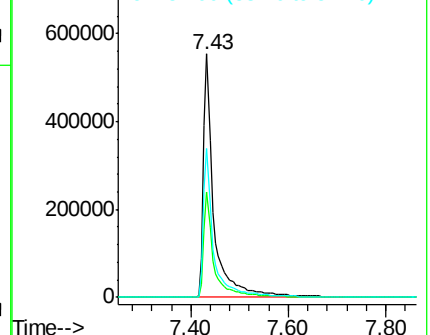
54 61.1 41.4 62.2



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

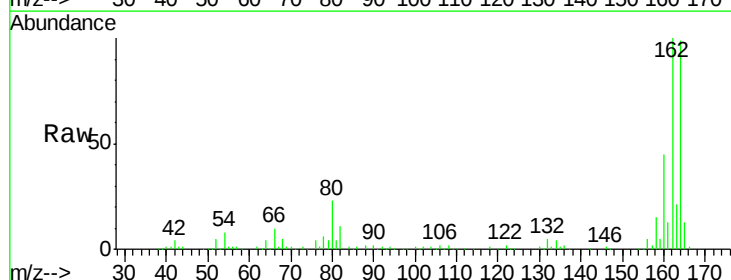
Tgt Ion: 164 Resp: 215515

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

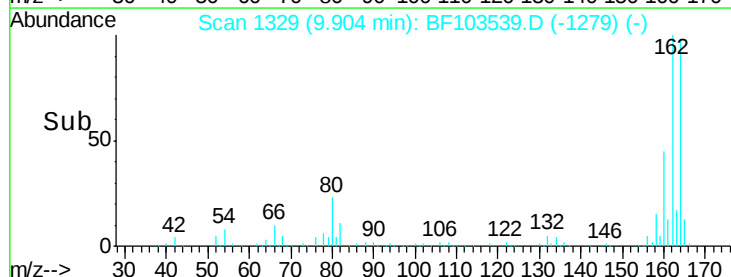
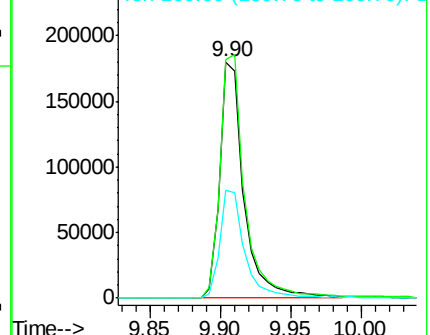
160 45.4 38.3 57.5

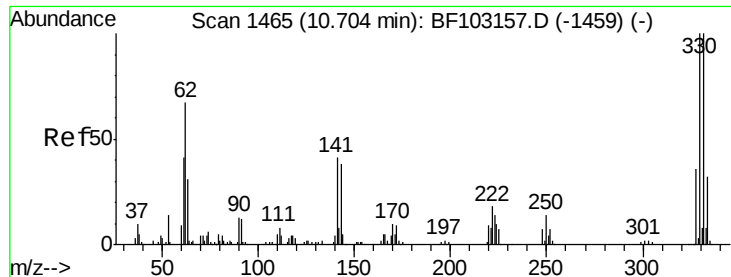


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

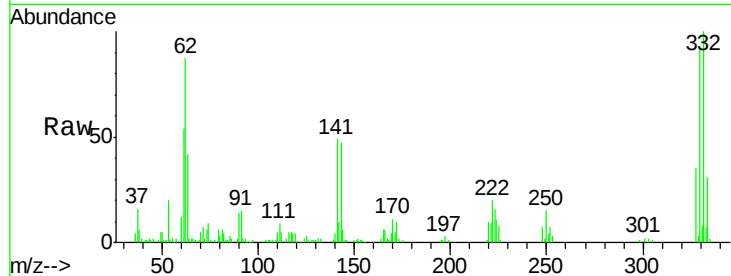




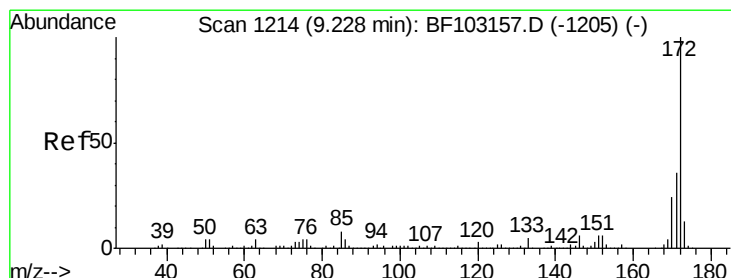
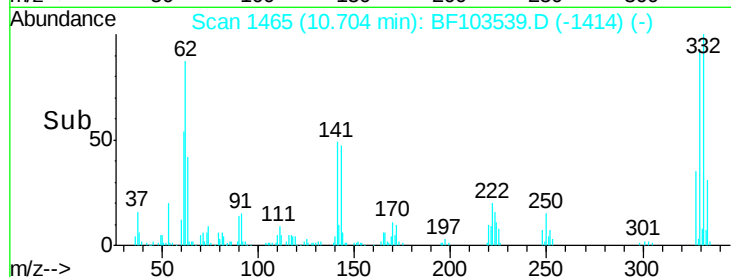
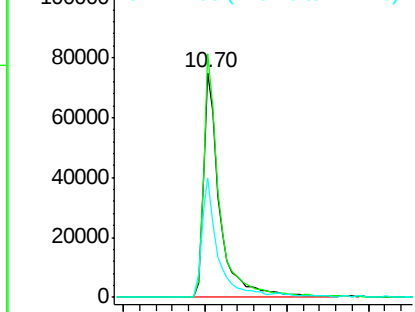
#41  
 2,4,6-Tribromophenol  
 Concen: 57.778 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.00 min  
 Lab File: BF103539.D  
 Acq: 9 Mar 2018 2:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 030118-SIDI-F-D-M

Tot Ion:330 Resp: 105399  
 Ion Ratio Lower Upper  
 330 100  
 332 103.5 77.0 115.6  
 141 50.8 29.9 44.9#

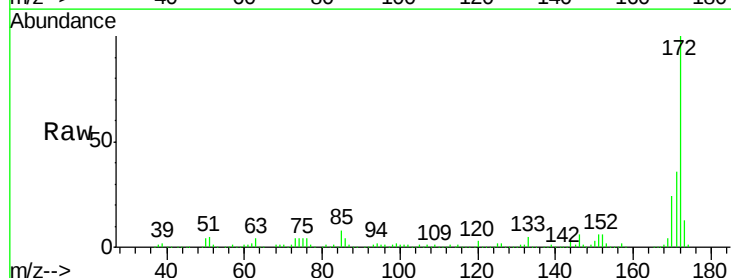


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

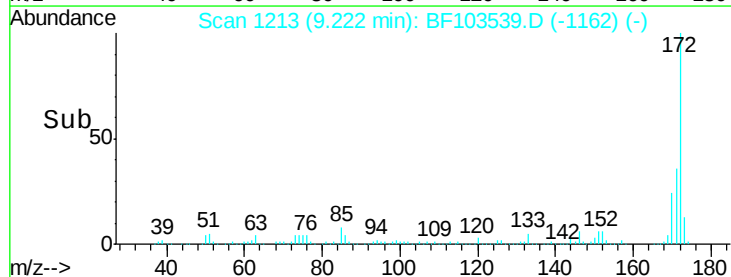
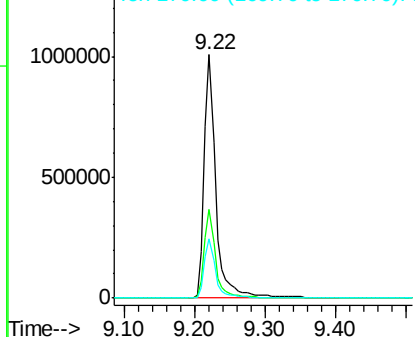


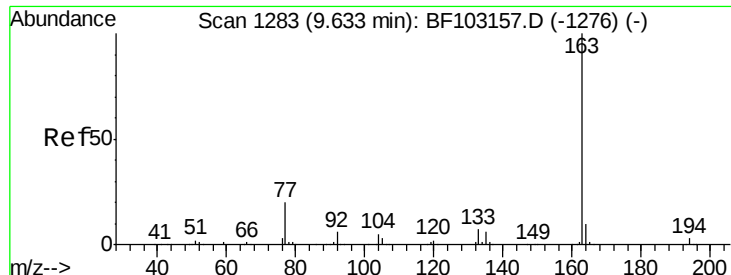
#44  
 2-Fluorobiphenyl  
 Concen: 96.299 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BF103539.D  
 Acq: 9 Mar 2018 2:32

Tgt Ion:172 Resp: 1167693  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.7 44.5  
 170 24.4 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

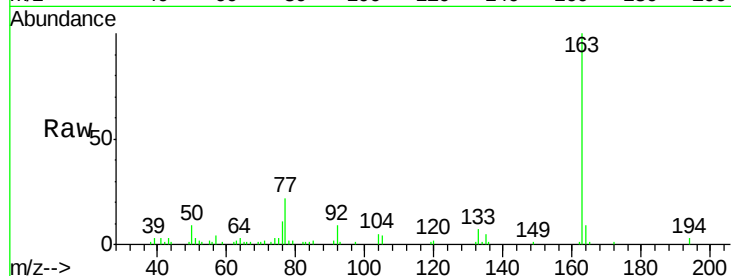




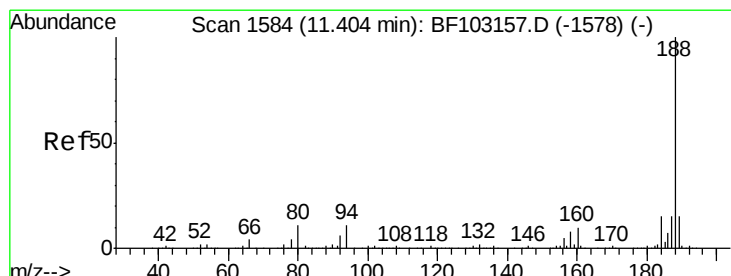
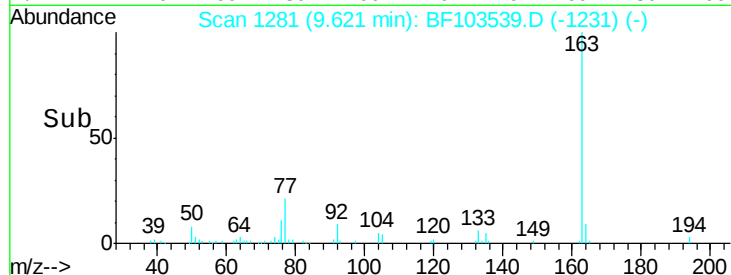
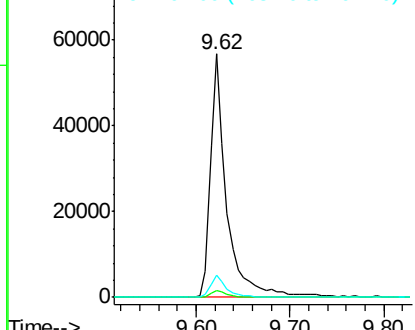
#49  
Dimethylphthalate  
Concen: 4.011 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BF103539.D  
Acq: 9 Mar 2018 2:32

Instrument :  
BNA\_F  
ClientSampleId :  
030118-SIDI-F-D-M

Tot Ion:163 Resp: 69347  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.7 4.1  
164 9.4 8.2 12.2

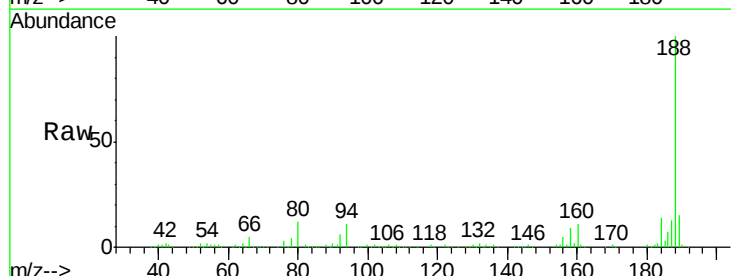


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

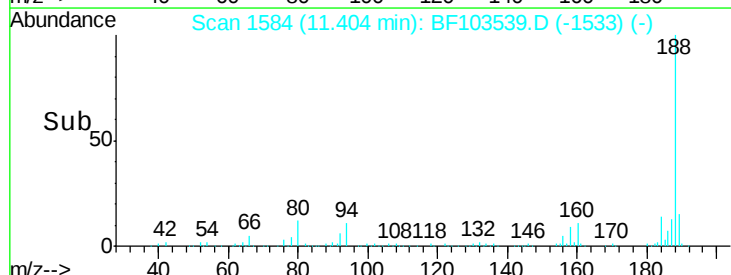
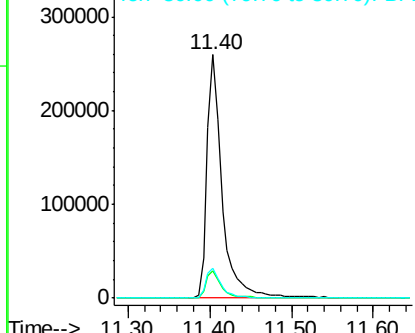


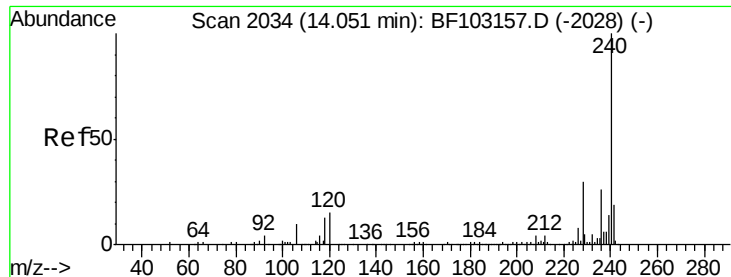
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BF103539.D  
Acq: 9 Mar 2018 2:32

Tgt Ion:188 Resp: 335310  
Ion Ratio Lower Upper  
188 100  
94 11.2 8.5 12.7  
80 12.5 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

Instrument :

BNA\_F

ClientSampleId :

030118-SIDI-F-D-M

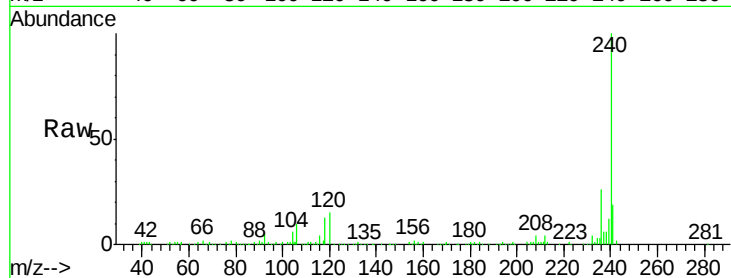
Tot Ion:240 Resp: 241910

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

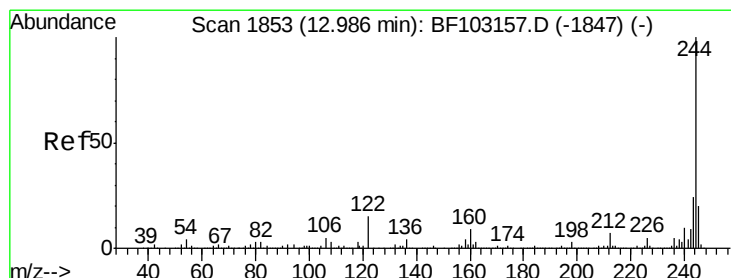
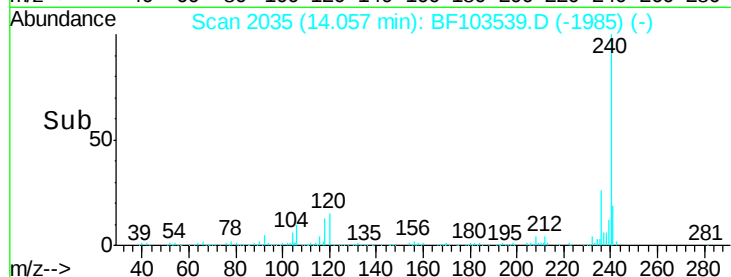
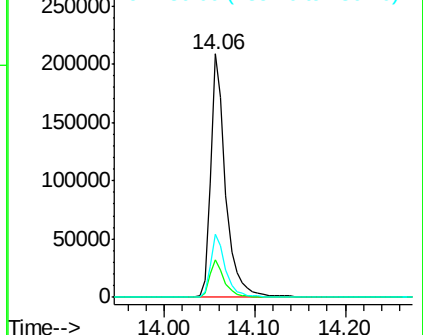
236 25.7 20.7 31.1



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: 75.491 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103539.D

Acq: 9 Mar 2018 2:32

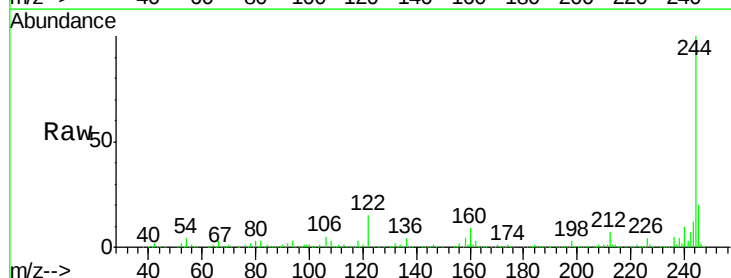
Tgt Ion:244 Resp: 759693

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

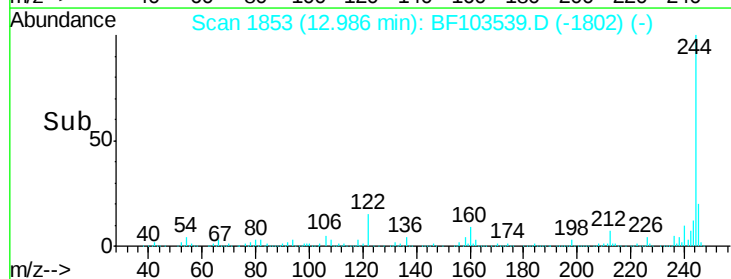
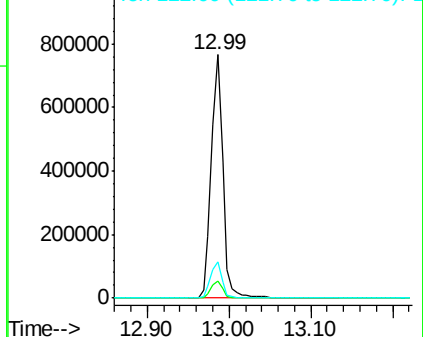
122 14.8 11.0 16.4

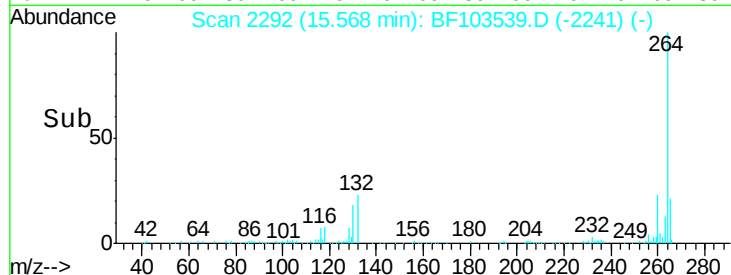
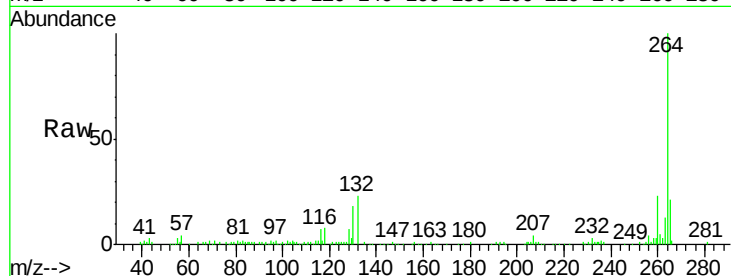
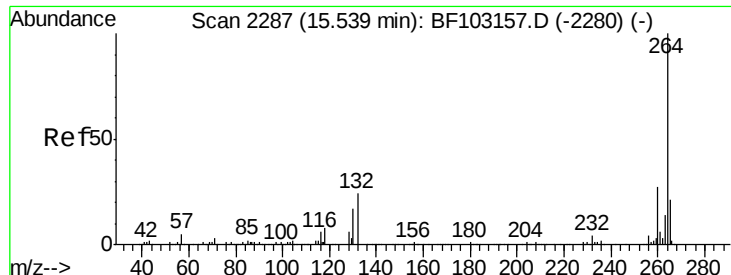


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2292  
 Delta R.T. -0.00 min  
 Lab File: BF103539.D  
 Acq: 9 Mar 2018 2:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 030118-SIDI-F-D-M

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 172960 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.3  | 19.2  | 28.8   |
| 265      | 21.2  | 17.5  | 26.3   |

