

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\  
 Data File : BF113704.D  
 Acq On : 10 Apr 2019 18:56  
 Operator : JU/SJ  
 Sample : K2344-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WOOD-1

Quant Time: Apr 11 03:35:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

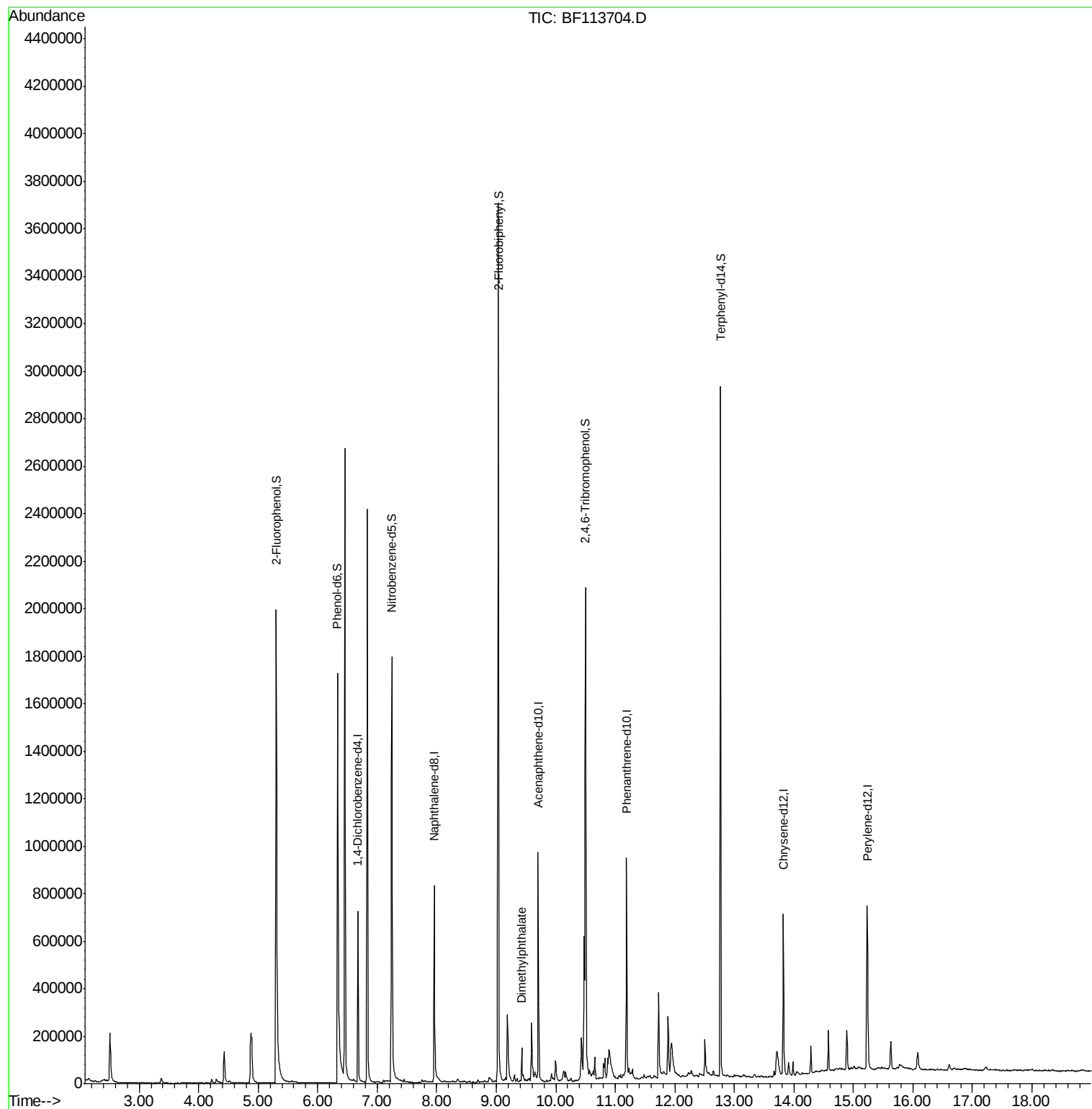
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 116830   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 7.96  | 136  | 442195   | 20.00  | ng    | -0.01        |
| 39) Acenaphthene-d10        | 9.70  | 164  | 206546   | 20.00  | ng    | -0.02        |
| 64) Phenanthrene-d10        | 11.19 | 188  | 366216   | 20.00  | ng    | -0.02        |
| 76) Chrysene-d12            | 13.83 | 240  | 288953   | 20.00  | ng    | -0.02        |
| 87) Perylene-d12            | 15.23 | 264  | 284233   | 20.00  | ng    | -0.02        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.30  | 112  | 737765   | 107.68 | ng    | 0.00         |
| 7) Phenol-d6                | 6.33  | 99   | 870417   | 103.08 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 633560   | 83.92  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330  | 297740   | 120.00 | ng    | -0.02        |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 1179372  | 91.92  | ng    | -0.02        |
| 79) Terphenyl-d14           | 12.77 | 244  | 1037472  | 73.10  | ng    | -0.02        |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.43  | 163  | 59996    | 3.941  | ng    | Qvalue<br>99 |

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

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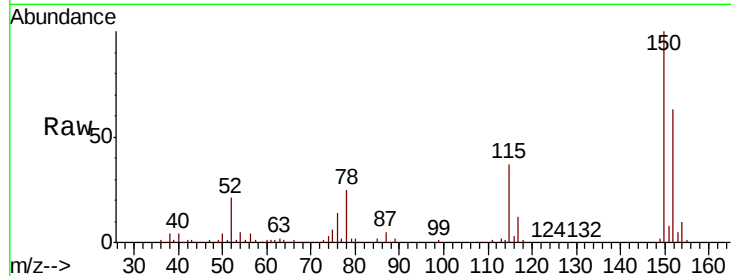


#1

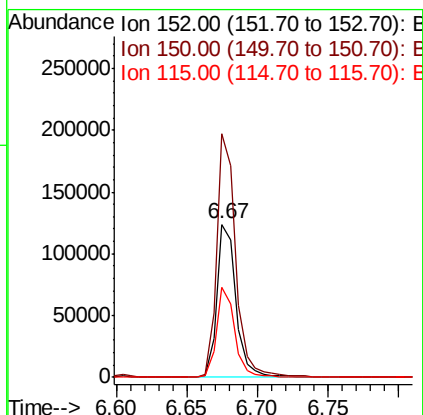
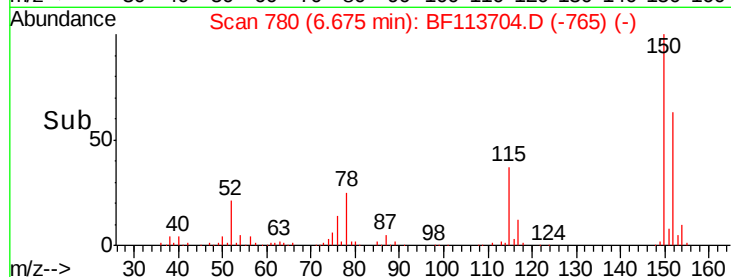
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF113704.D  
Acq: 10 Apr 2019 18:56

Instrument :  
BNA\_F  
ClientSampled :  
WOOD-1

Tot Ion:152 Resp: 116830  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.7 187.1  
115 59.2 46.0 69.0



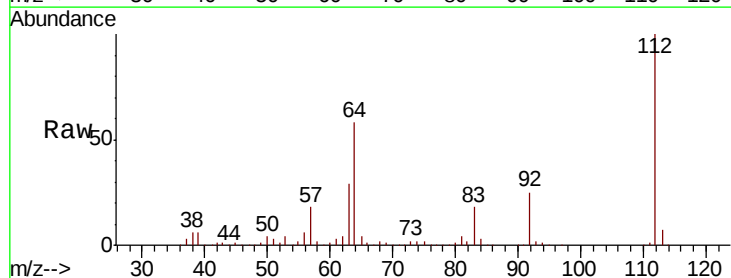
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



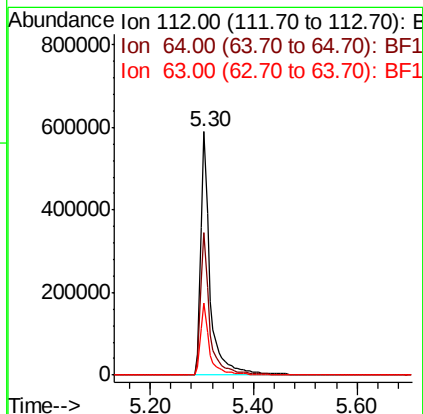
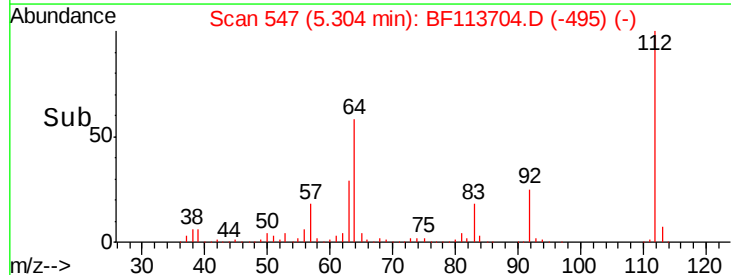
#5

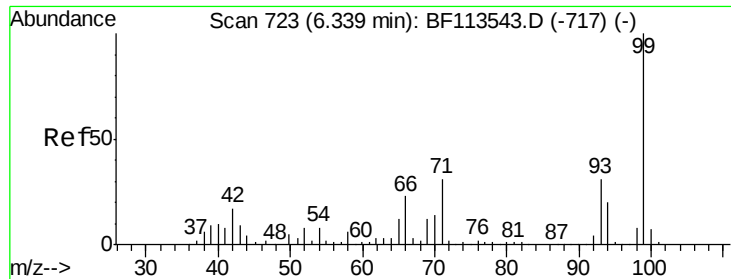
2-Fluorophenol  
Concen: 107.683 ng  
RT: 5.30 min Scan# 547  
Delta R.T. 0.01 min  
Lab File: BF113704.D  
Acq: 10 Apr 2019 18:56

Tgt Ion:112 Resp: 737765  
Ion Ratio Lower Upper  
112 100  
64 58.4 49.2 73.8  
63 29.5 24.9 37.3



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: 103.078 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA\_F

ClientSampleId :

WOOD-1

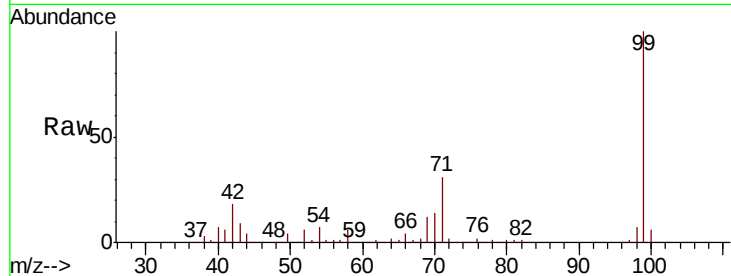
Tot Ion: 99 Resp: 870417

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

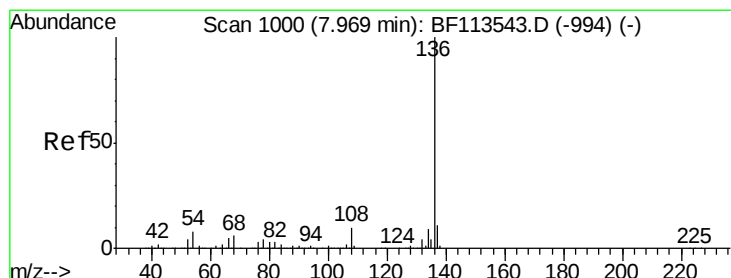
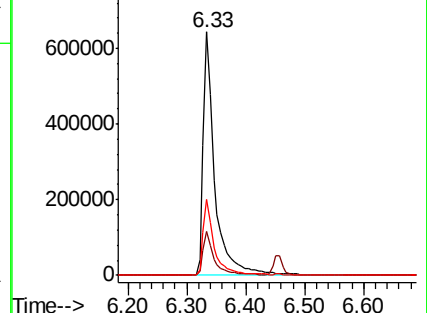
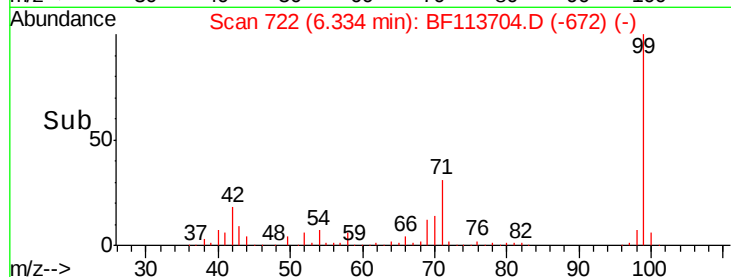
71 31.1 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Tgt Ion: 136 Resp: 442195

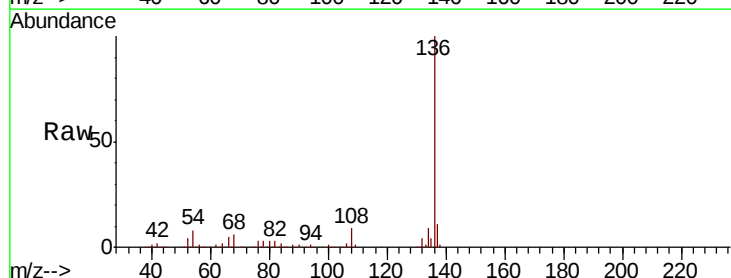
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.0 10.6

68 6.1 4.8 7.2

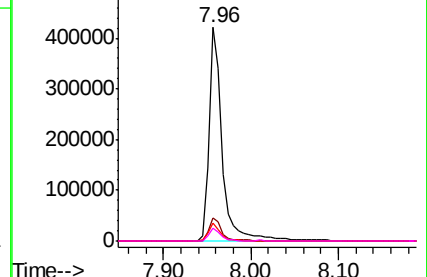
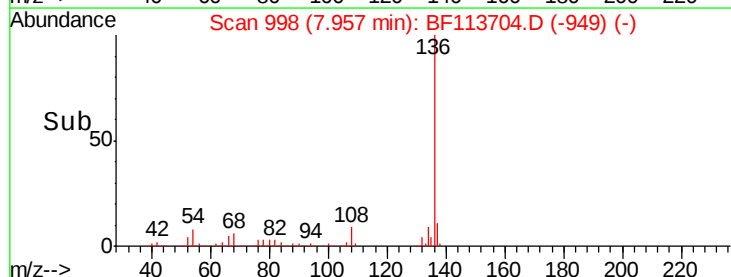


Abundance Ion 136.00 (135.70 to 136.70): E

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

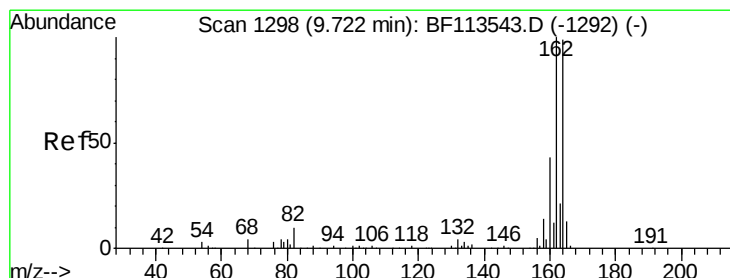
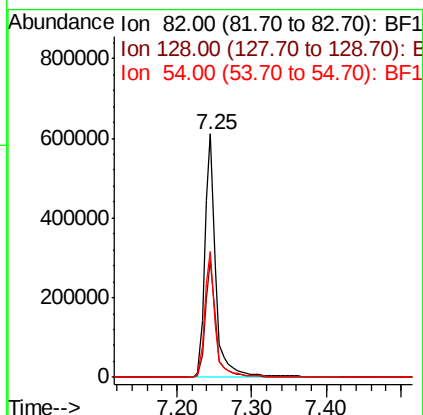
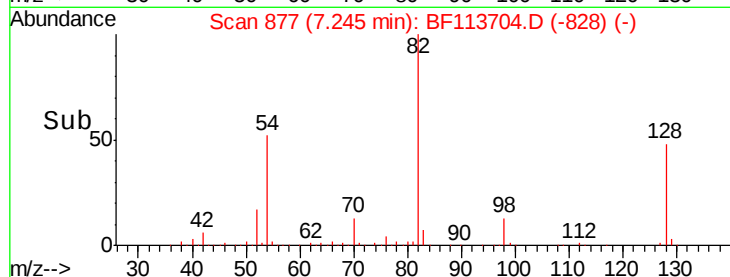
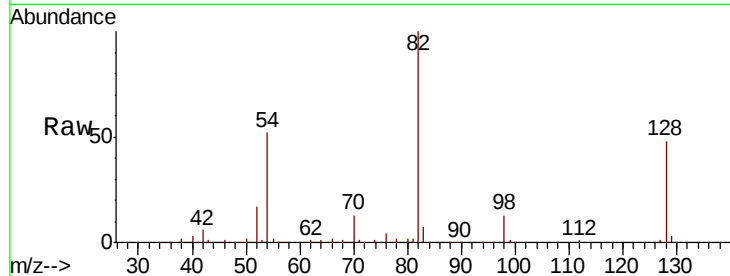




#23  
 Nitrobenzene-d5  
 Concen: 83.924 ng  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.01 min  
 Lab File: BF113704.D  
 Acq: 10 Apr 2019 18:56

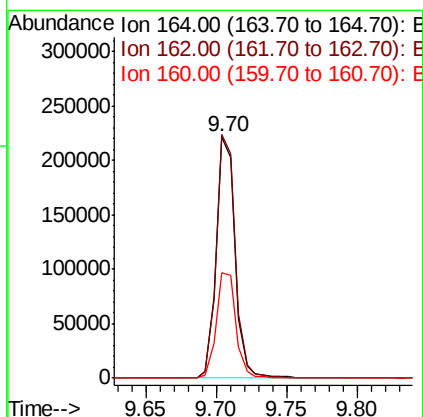
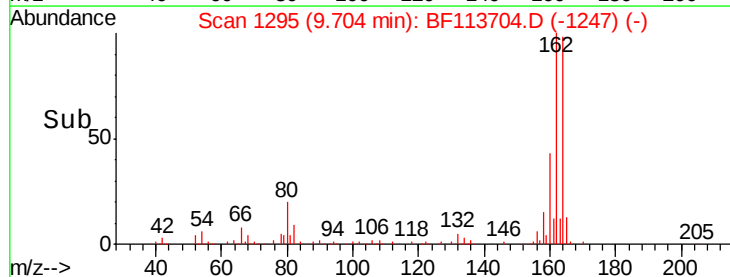
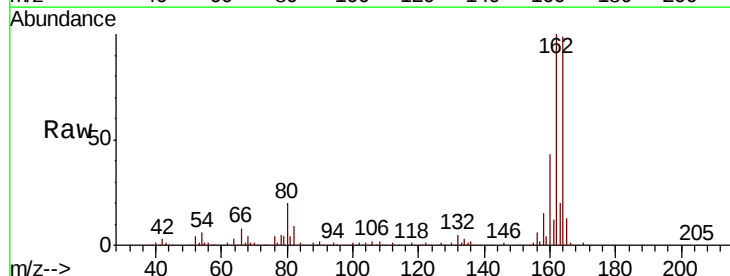
Instrument :  
 BNA\_F  
 ClientSampled :  
 WOOD-1

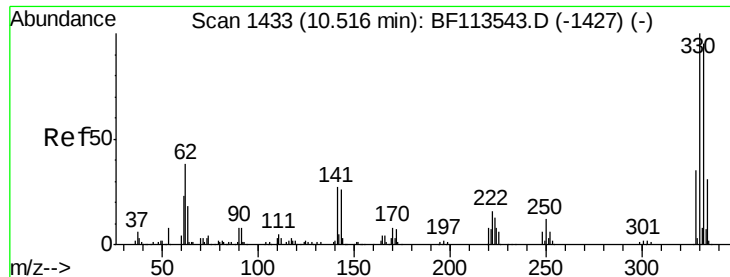
Tot Ion: 82 Resp: 633560  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 36.5 54.7  
 54 51.7 42.2 63.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.70 min Scan# 1295  
 Delta R.T. -0.02 min  
 Lab File: BF113704.D  
 Acq: 10 Apr 2019 18:56

Tgt Ion:164 Resp: 206546  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 81.8 122.6  
 160 43.4 36.4 54.6

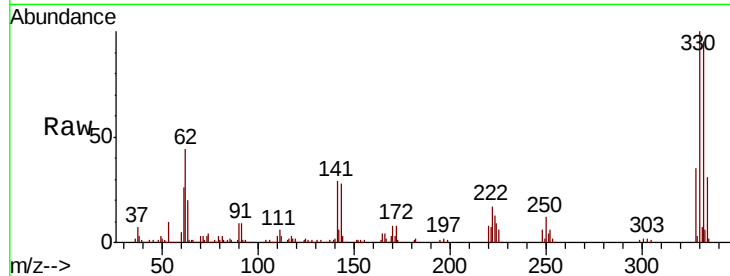




#42  
 2,4,6-Tribromophenol  
 Concen: 120.002 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. -0.02 min  
 Lab File: BF113704.D  
 Acq: 10 Apr 2019 18:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WOOD-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.8  | 116.6 |
| 141     | 27.7  | 22.7  | 34.1  |

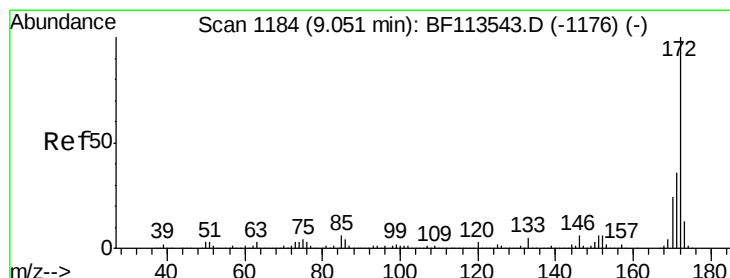
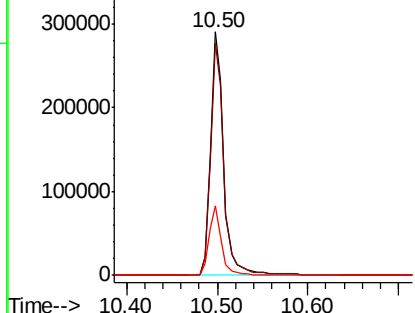
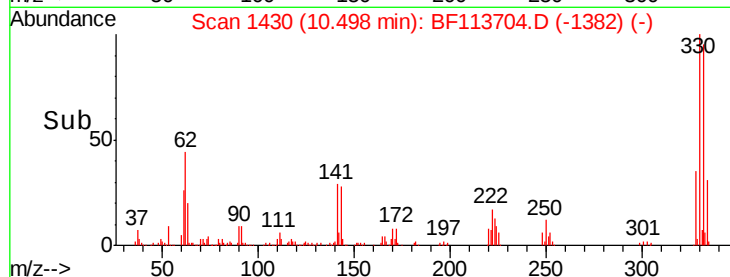


Abundance

Ion 329.80 (329.50 to 330.50): E

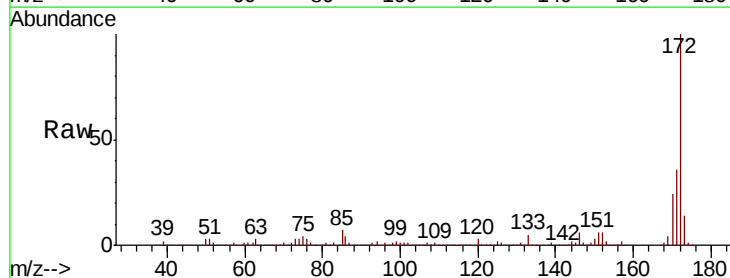
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 91.924 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. -0.02 min  
 Lab File: BF113704.D  
 Acq: 10 Apr 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 29.0  | 43.6  |
| 170     | 24.5  | 19.5  | 29.3  |

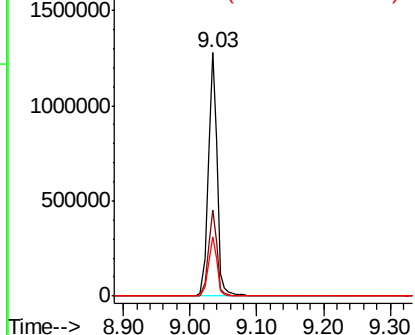
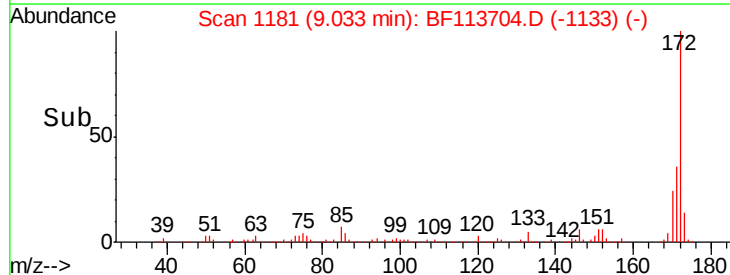


Abundance

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





#50

Dimethylphthalate

Concen: 3.941 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA\_F

ClientSampleId :

WOOD-1

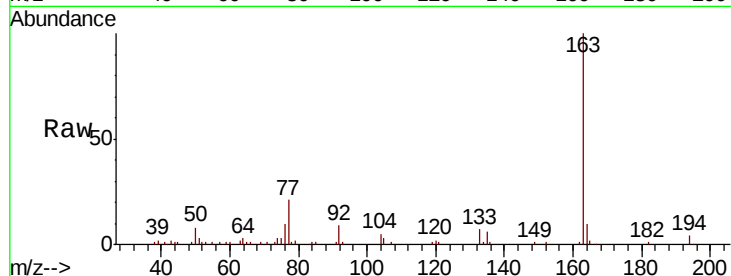
Tot Ion:163 Resp: 59996

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

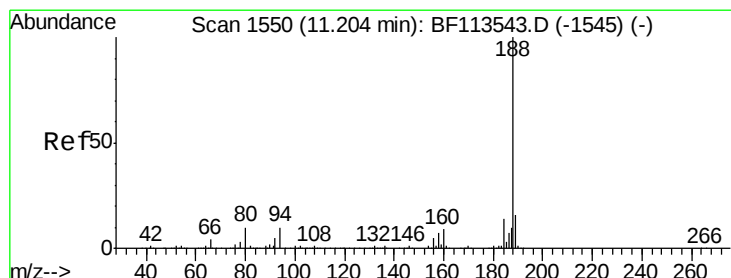
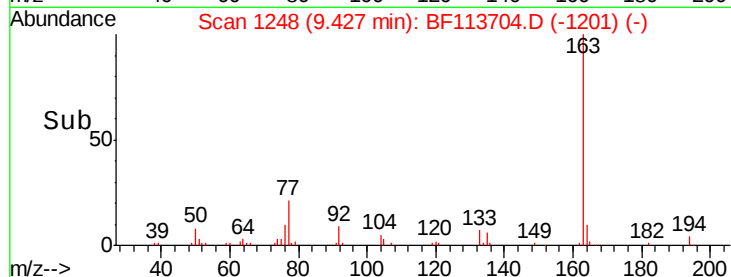
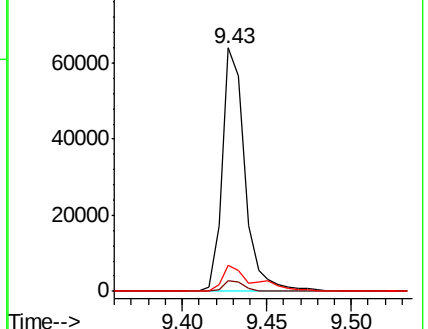
164 10.5 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

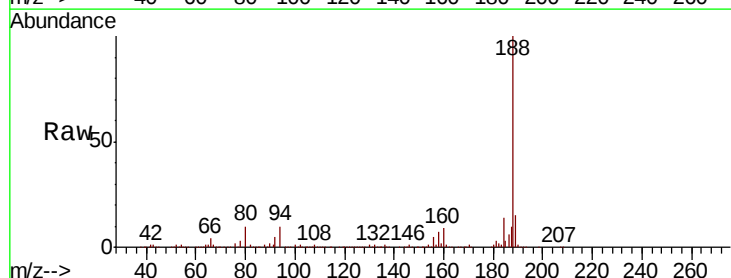
Tgt Ion:188 Resp: 366216

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

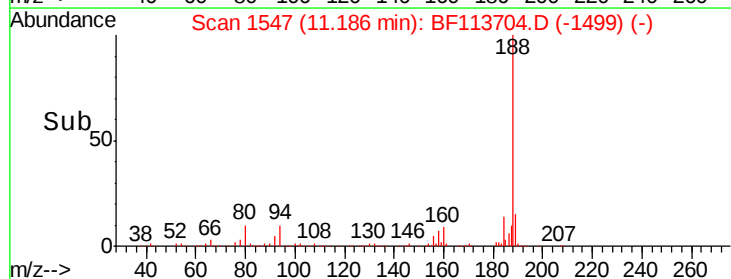
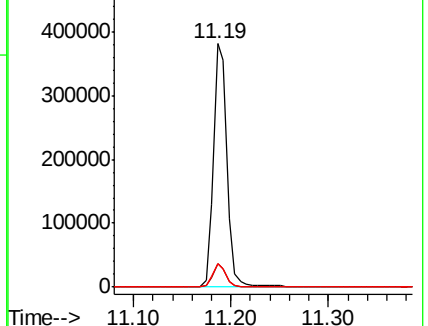
80 9.9 7.7 11.5

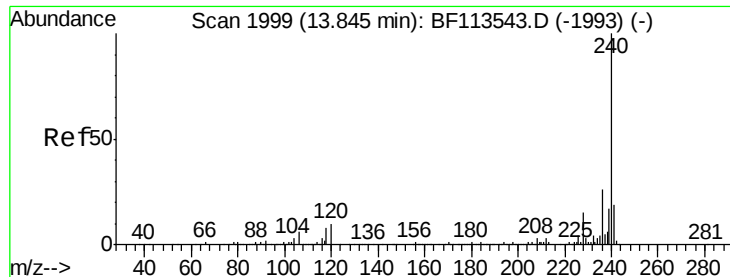


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA\_F

ClientSampleId :

WOOD-1

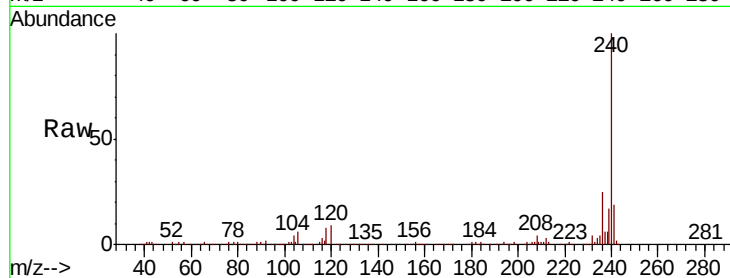
Tot Ion:240 Resp: 288953

Ion Ratio Lower Upper

240 100

120 9.4 8.8 13.2

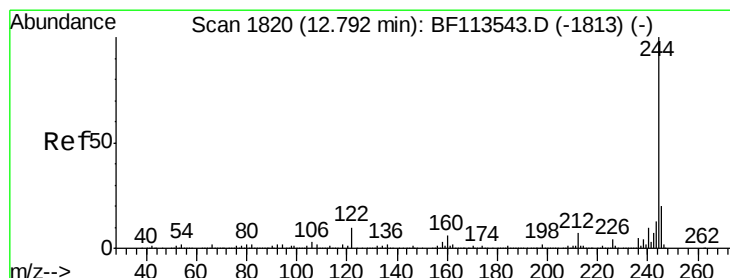
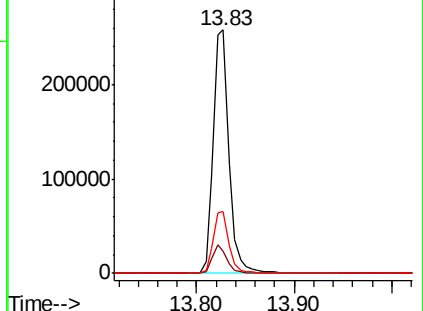
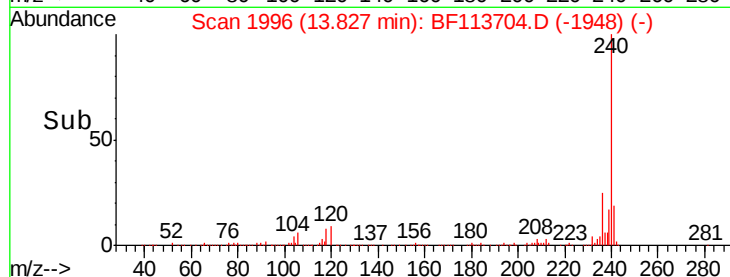
236 25.3 20.9 31.3



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



#79

Terphenyl-d14

Concen: 73.102 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

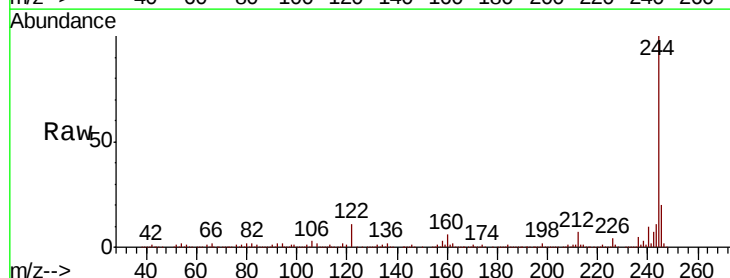
Tgt Ion:244 Resp: 1037472

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

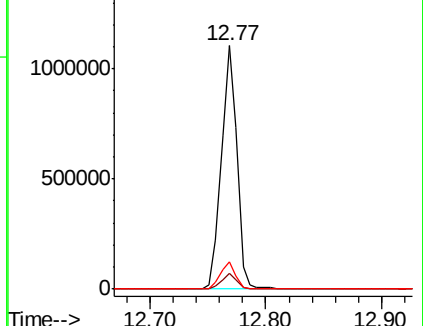
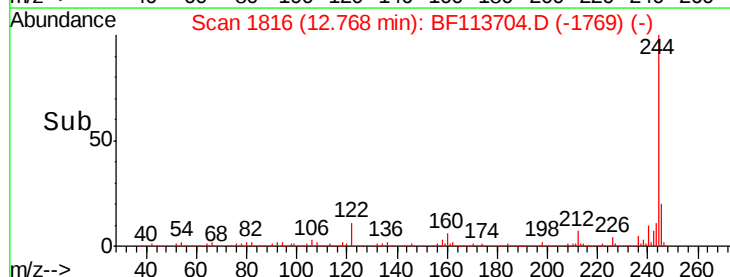
122 11.1 8.6 13.0

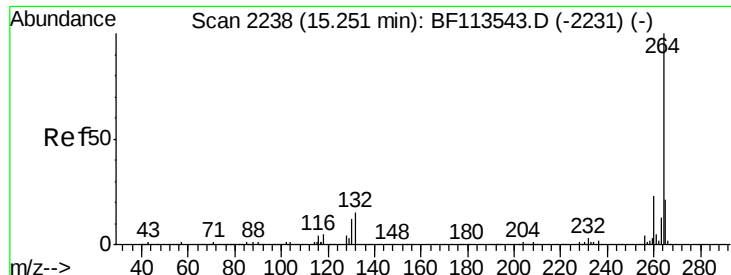


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.23 min Scan# 2235  
 Delta R.T. -0.02 min  
 Lab File: BF113704.D  
 Acq: 10 Apr 2019 18:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WOOD-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.1  | 28.7  |
| 265     | 21.7  | 17.1  | 25.7  |

