

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\  
 Data File : BF112859.D  
 Acq On : 5 Mar 2019 18:25  
 Operator : JU/SJ  
 Sample : K1715-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4-B-S

Quant Time: Mar 06 03:38:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

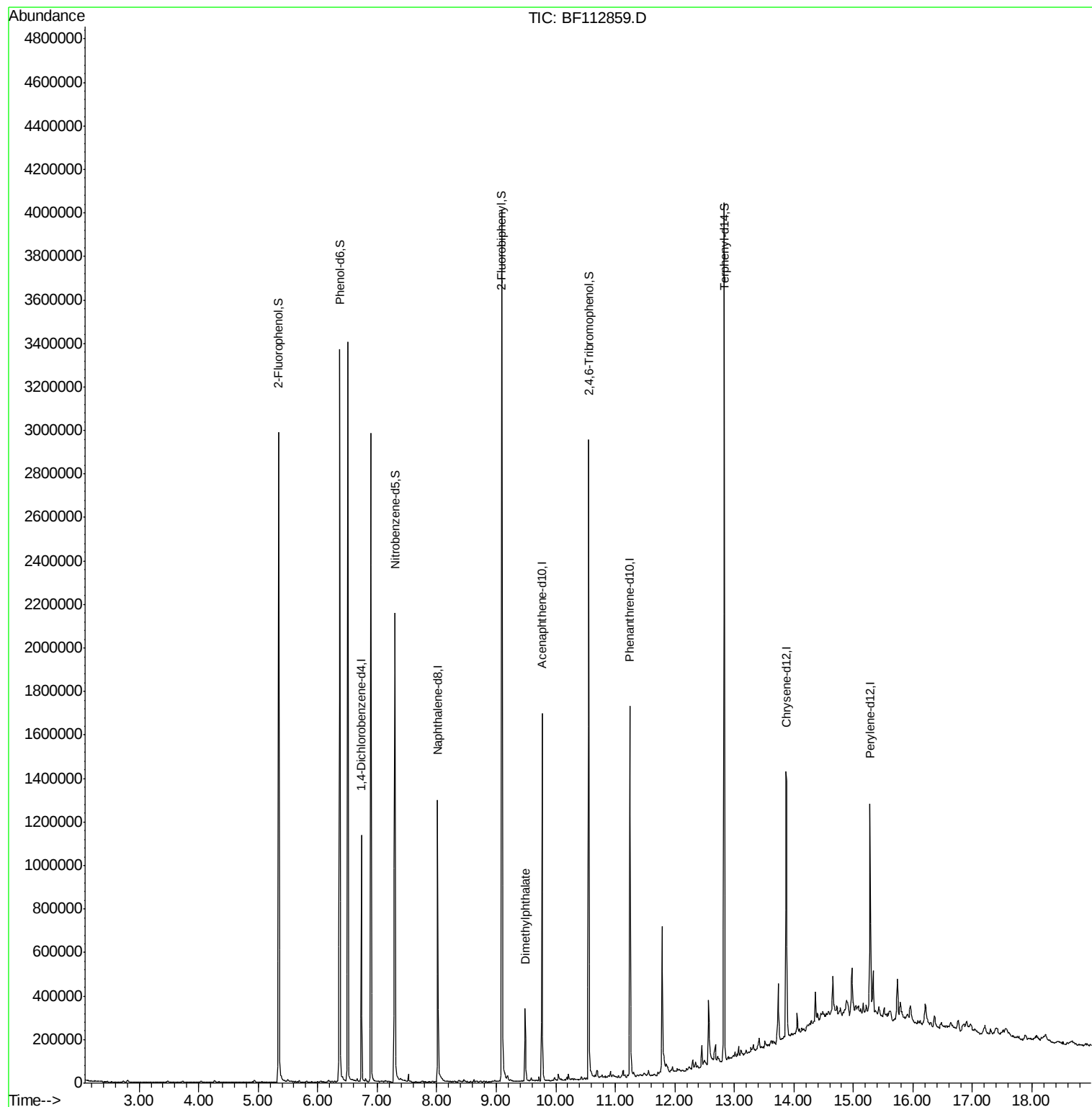
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 169858   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.02  | 136  | 660790   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.77  | 164  | 327561   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.25 | 188  | 665645   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.87 | 240  | 467678   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.28 | 264  | 460986   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.35  | 112  | 935696   | 85.69  | ng    | 0.00      |
| 7) Phenol-d6                | 6.37  | 99   | 1233160  | 89.90  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 743932   | 67.37  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 407414   | 117.16 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 1425651  | 68.52  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.83 | 244  | 1498416  | 62.11  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.49  | 163  | 136419   | 5.648  | ng    | Qvalue 97 |

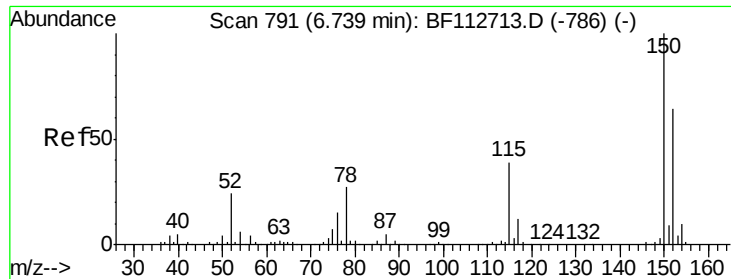
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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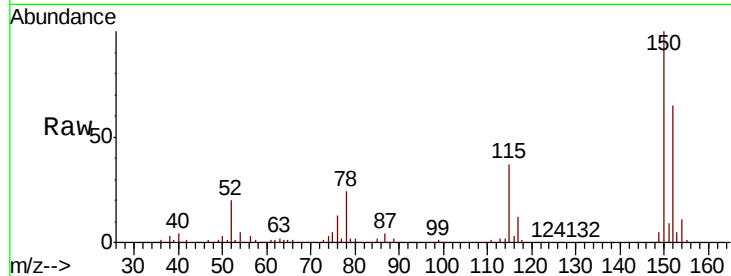


#1

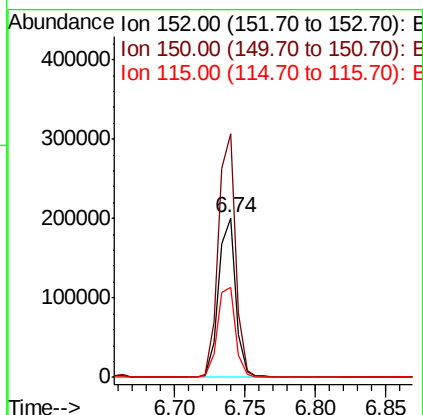
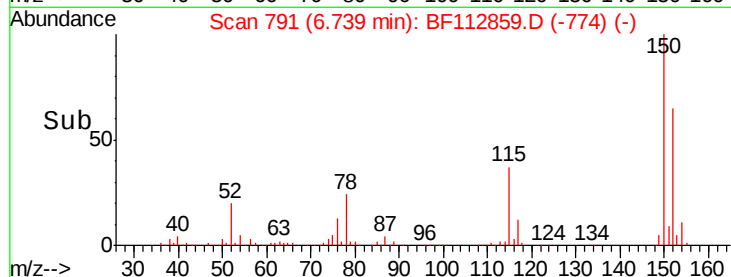
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF112859.D  
Acq: 5 Mar 2019 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4-B-S

Tot Ion:152 Resp: 169858  
Ion Ratio Lower Upper  
152 100  
150 152.9 124.2 186.2  
115 56.4 48.2 72.4



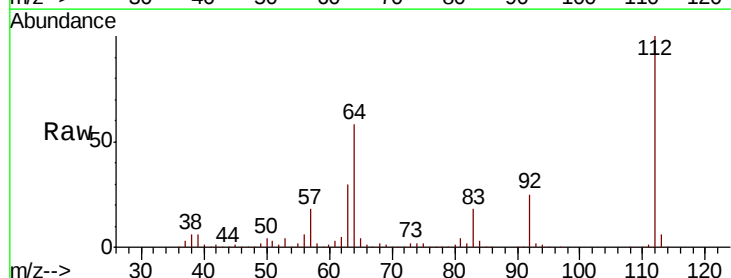
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



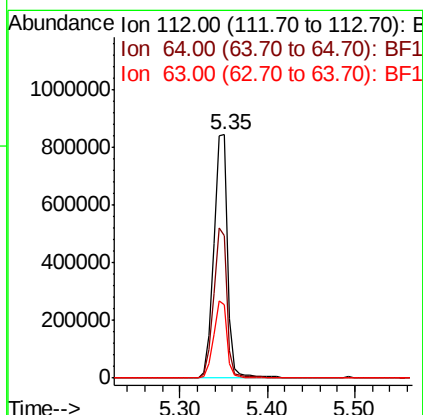
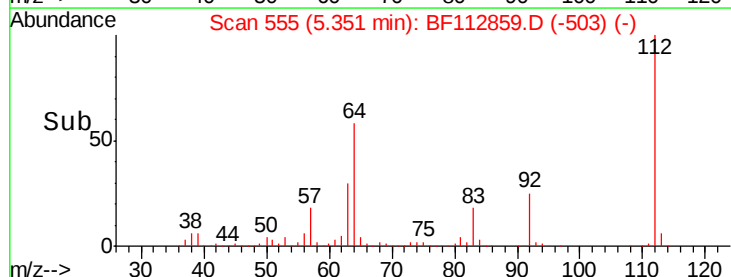
#5

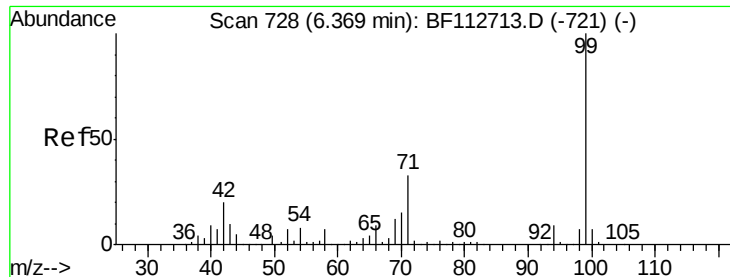
2-Fluorophenol  
Concen: 85.690 ng  
RT: 5.35 min Scan# 555  
Delta R.T. 0.01 min  
Lab File: BF112859.D  
Acq: 5 Mar 2019 18:25

Tgt Ion:112 Resp: 935696  
Ion Ratio Lower Upper  
112 100  
64 58.3 47.6 71.4  
63 30.2 24.4 36.6



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: 89.902 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Instrument :

BNA\_F

ClientSampleId :

TP-4-B-S

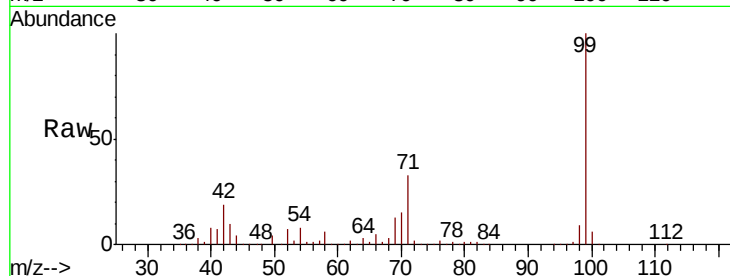
Tot Ion: 99 Resp: 1233160

Ion Ratio Lower Upper

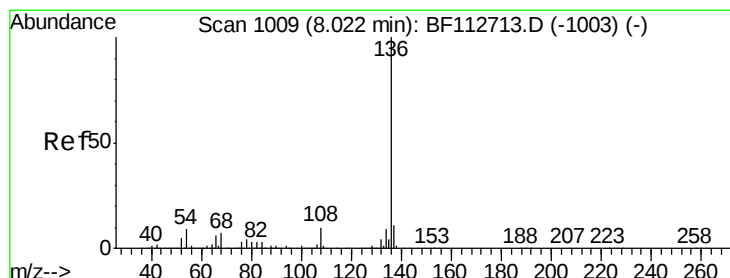
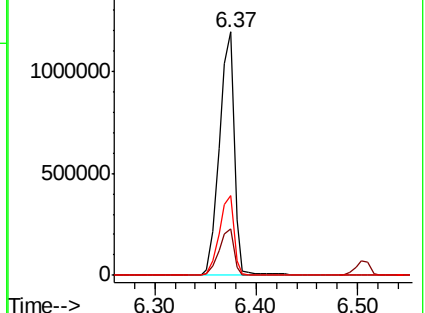
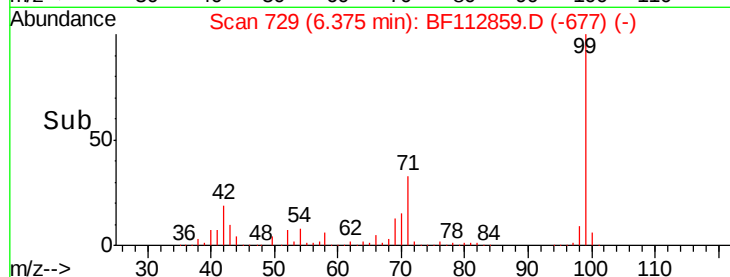
99 100

42 18.9 16.3 24.5

71 32.7 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Tgt Ion: 136 Resp: 660790

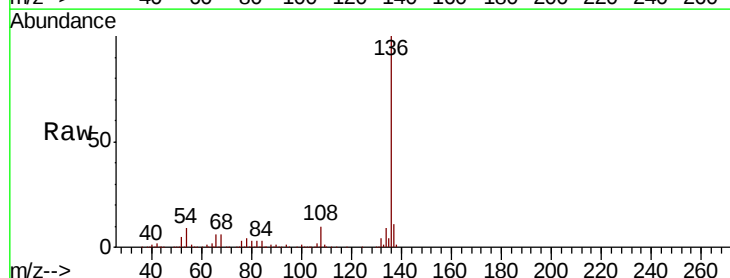
Ion Ratio Lower Upper

136 100

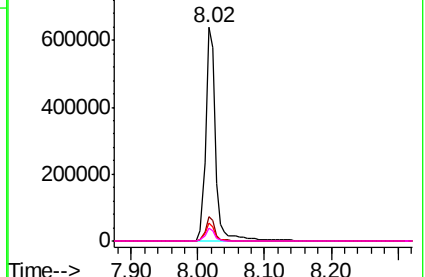
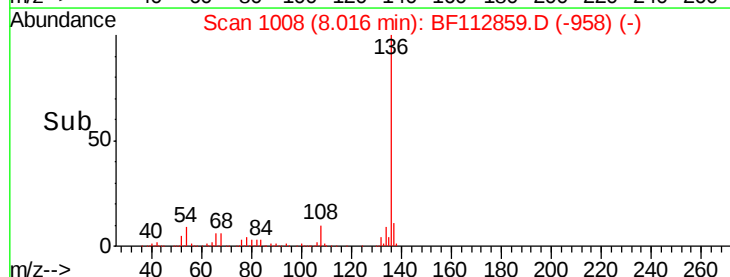
137 11.4 8.9 13.3

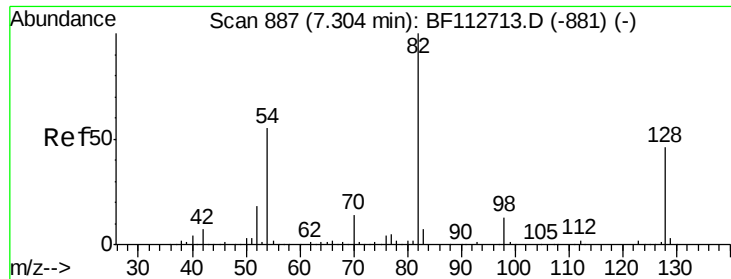
54 8.6 7.3 10.9

68 6.2 5.4 8.2



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

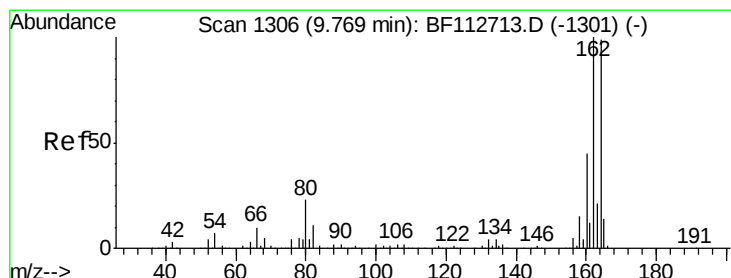
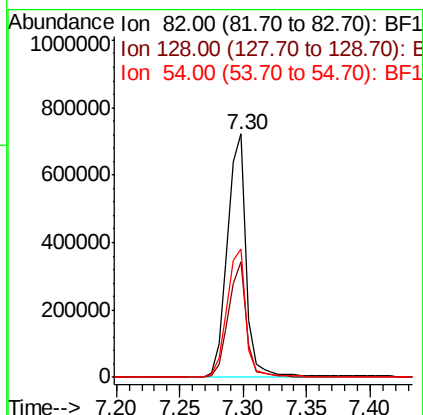
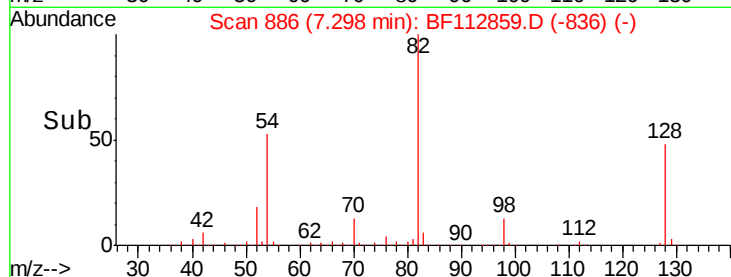
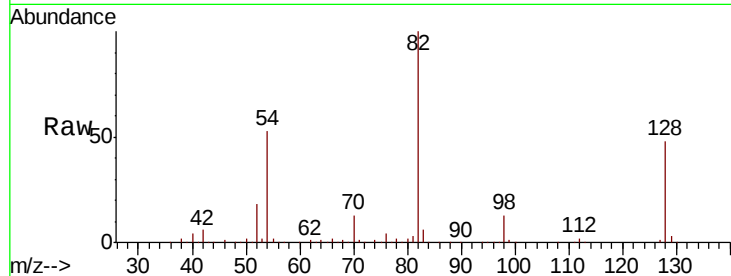




#23  
 Nitrobenzene-d5  
 Concen: 67.367 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.01 min  
 Lab File: BF112859.D  
 Acq: 5 Mar 2019 18:25

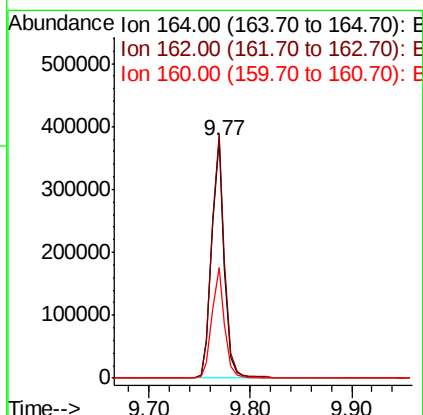
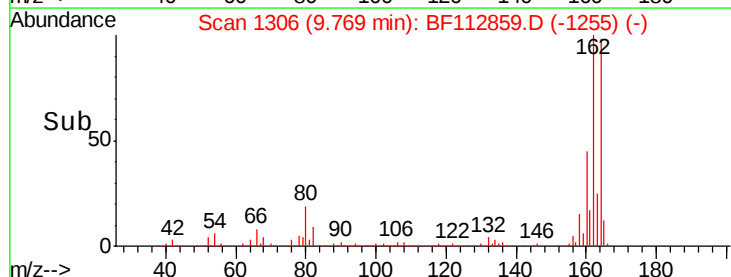
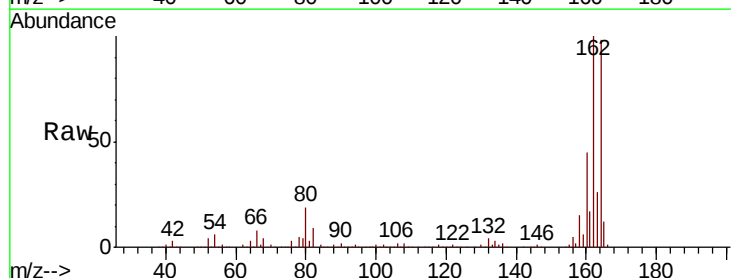
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-4-B-S

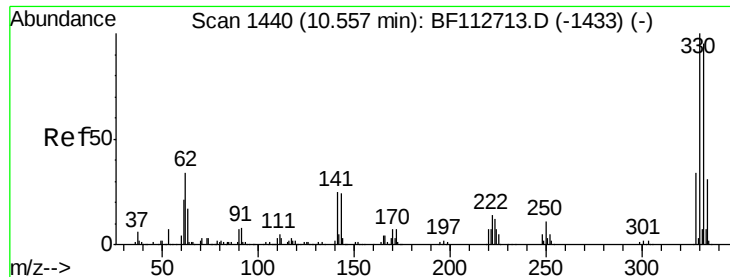
Tot Ion: 82 Resp: 743932  
 Ion Ratio Lower Upper  
 82 100  
 128 47.6 36.3 54.5  
 54 52.9 43.7 65.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: BF112859.D  
 Acq: 5 Mar 2019 18:25

Tgt Ion: 164 Resp: 327561  
 Ion Ratio Lower Upper  
 164 100  
 162 102.2 80.6 120.8  
 160 46.2 36.0 54.0

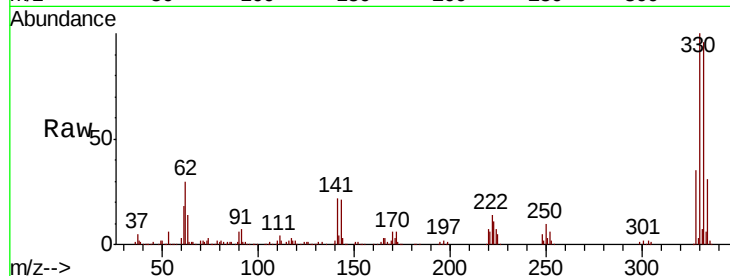




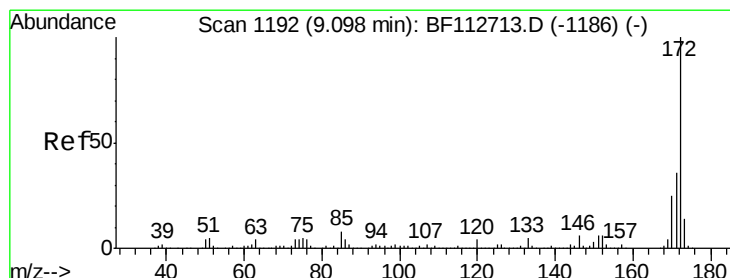
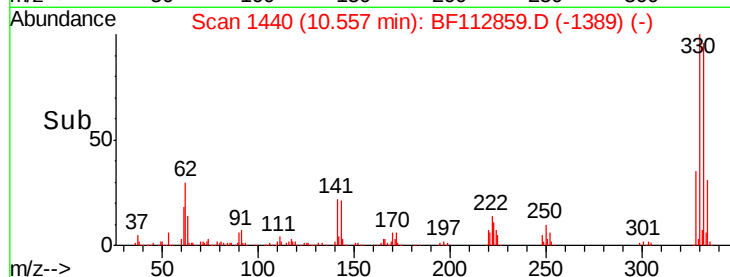
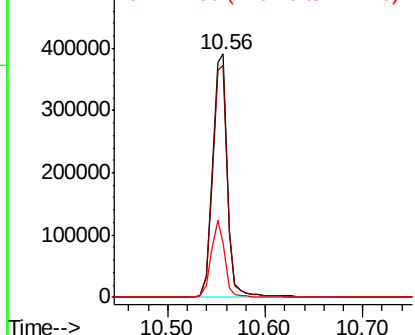
#42  
 2,4,6-Tribromophenol  
 Concen: 117.158 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: BF112859.D  
 Acq: 5 Mar 2019 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4-B-S

Tot Ion:330 Resp: 407414  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 76.2 114.4  
 141 29.7 27.0 40.6

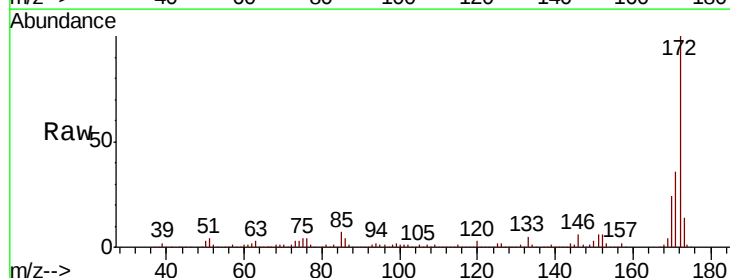


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

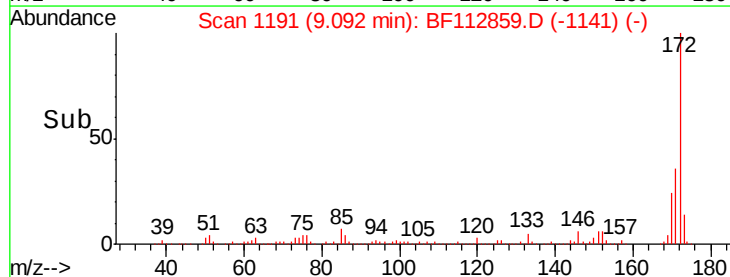
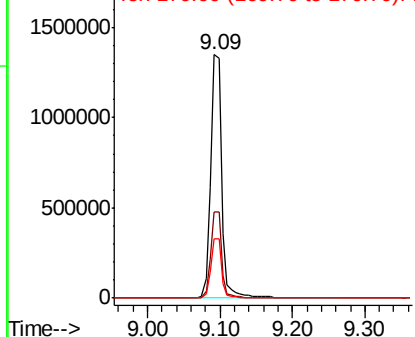


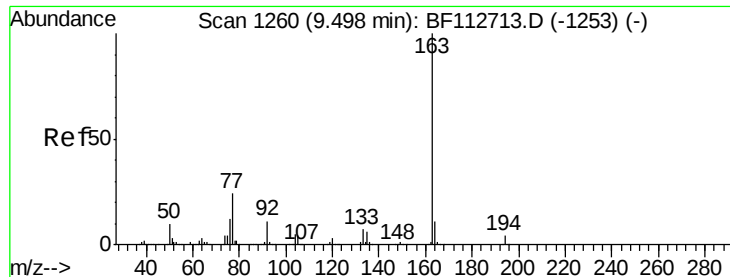
#45  
 2-Fluorobiphenyl  
 Concen: 68.517 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. -0.01 min  
 Lab File: BF112859.D  
 Acq: 5 Mar 2019 18:25

Tgt Ion:172 Resp: 1425651  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 29.0 43.4  
 170 24.3 20.0 30.0



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: 5.648 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Instrument :

BNA\_F

ClientSampleId :

TP-4-B-S

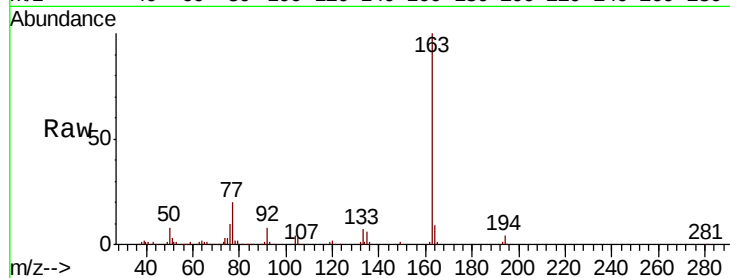
Tot Ion:163 Resp: 136419

Ion Ratio Lower Upper

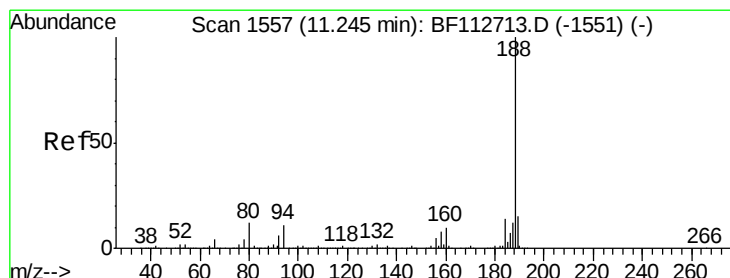
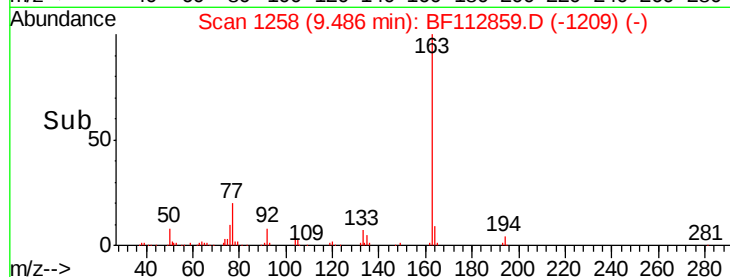
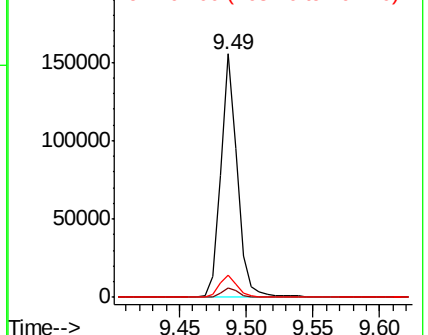
163 100

194 3.9 3.0 4.4

164 9.1 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

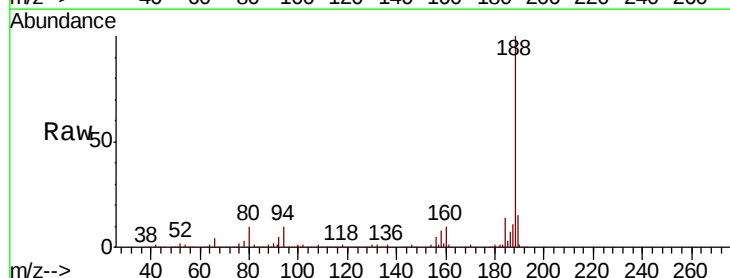
Tgt Ion:188 Resp: 665645

Ion Ratio Lower Upper

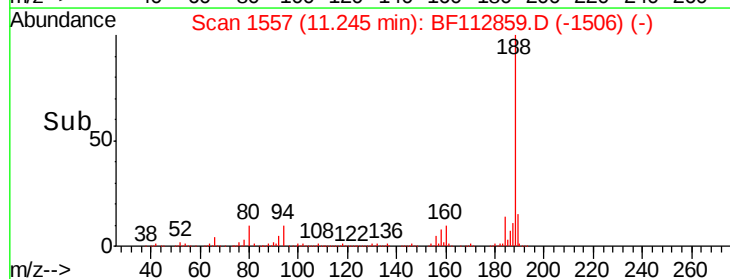
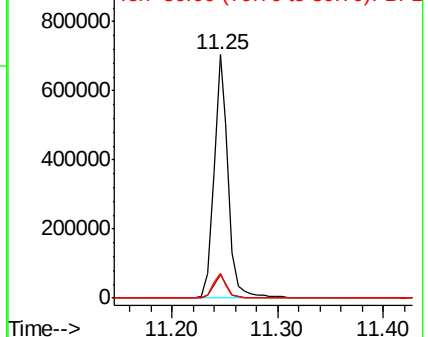
188 100

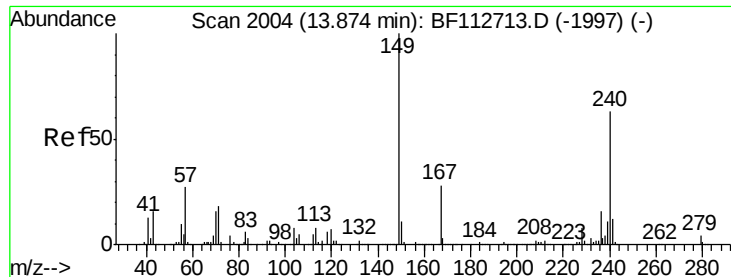
94 9.8 9.0 13.4

80 10.2 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Instrument :

BNA\_F

ClientSampleId :

TP-4-B-S

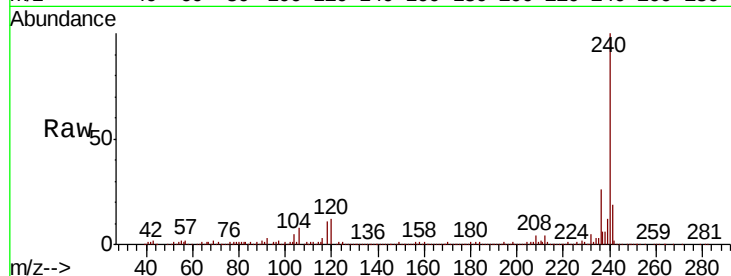
Tot Ion:240 Resp: 467678

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

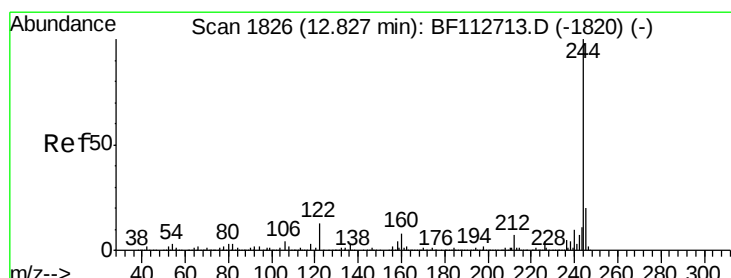
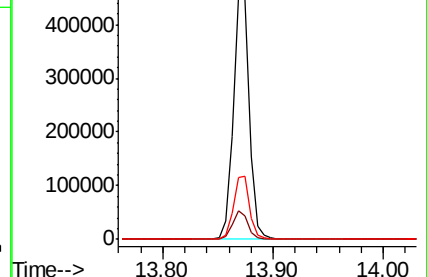
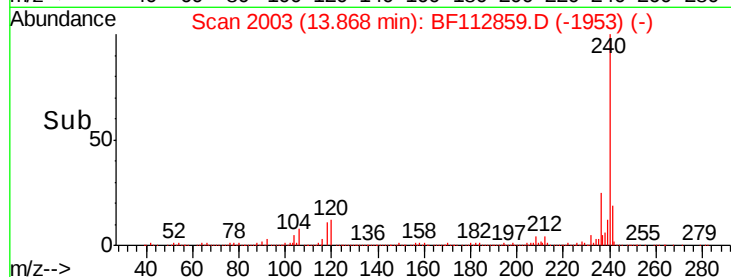
236 25.6 20.7 31.1



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



#79

Terphenyl-d14

Concen: 62.108 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

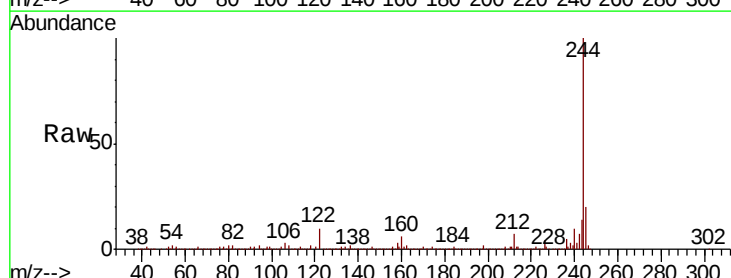
Tgt Ion:244 Resp: 1498416

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

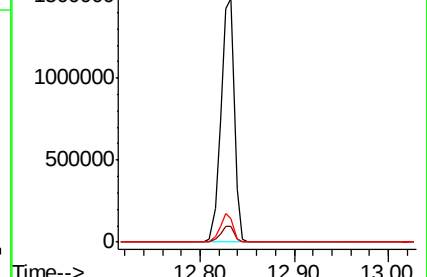
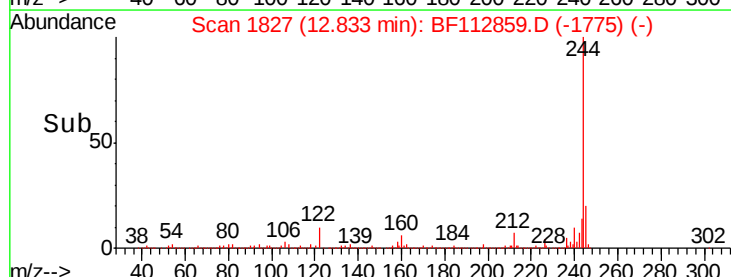
122 9.8 10.5 15.7#

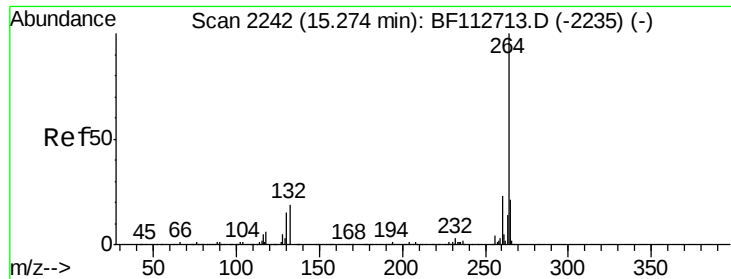


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

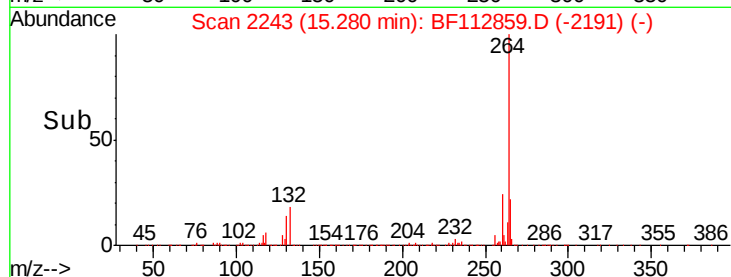
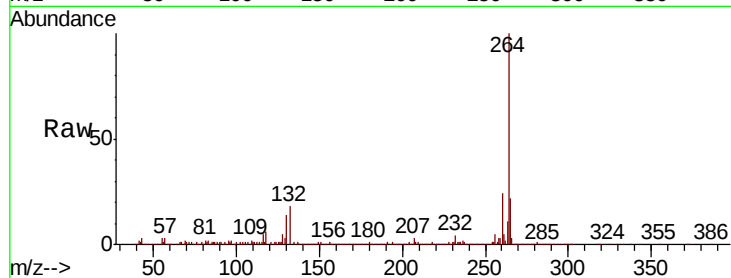




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. 0.01 min  
Lab File: BF112859.D  
Acq: 5 Mar 2019 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4-B-S

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 264     | 100  |       |       |       |
| 260     | 24.3 | 18.7  | 28.1  |       |
| 265     | 21.9 | 17.2  | 25.8  |       |



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

