

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\  
 Data File : BF099366.D  
 Acq On : 12 Oct 2017 1:24  
 Operator : SJ/JU  
 Sample : I5710-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-2A

Quant Time: Oct 12 02:27:20 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 16:25:21 2017  
 Response via : Initial Calibration

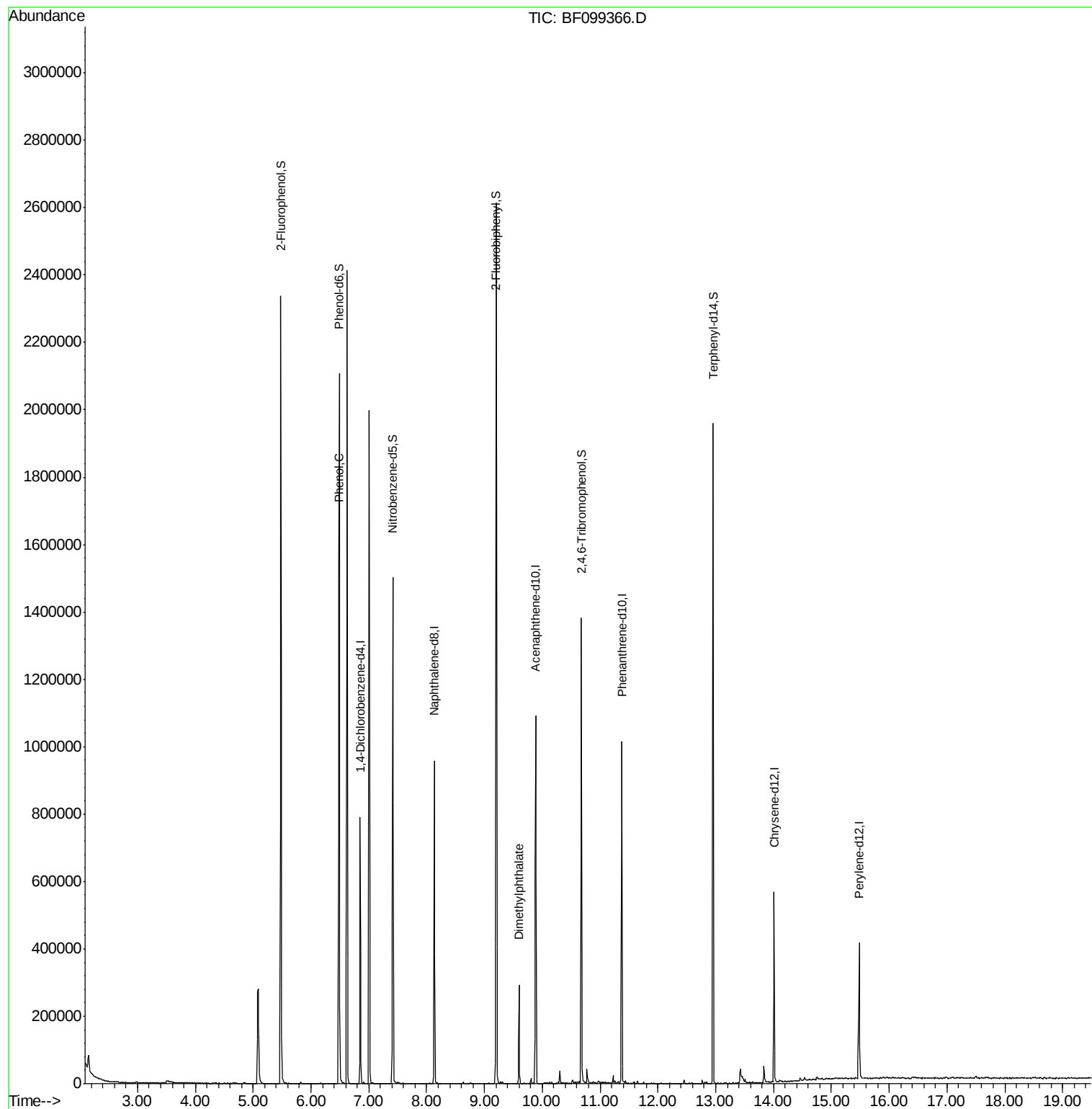
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 110096   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 448383   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 202185   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 344002   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.01 | 240  | 174811   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.48 | 264  | 175382   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 707876   | 102.35 | ng    | 0.01     |
| 7) Phenol-d6                | 6.49  | 99   | 848864   | 99.50  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 510898   | 73.07  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 171922   | 103.92 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.21  | 172  | 925747   | 76.44  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 641613   | 83.47  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.50  | 94   | 25525    | 2.675  | ng    | 97       |
| 49) Dimethylphthalate       | 9.60  | 163  | 113060   | 7.409  | ng    | 99       |

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

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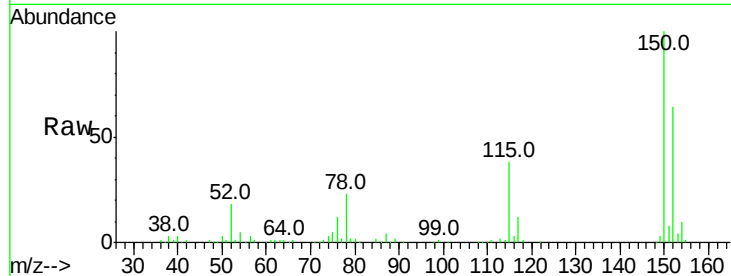


#1

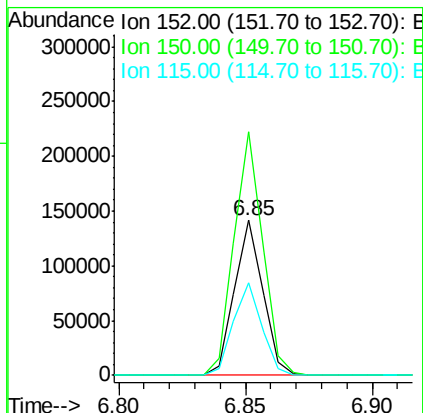
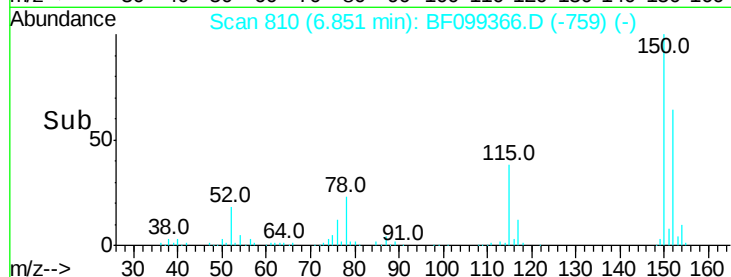
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF099366.D  
 Acq: 12 Oct 2017 1:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-2A

Tot Ion:152 Resp: 110096  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 124.6 186.8  
 115 59.4 50.1 75.1



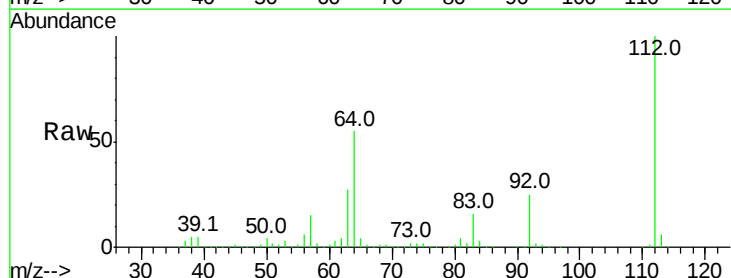
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



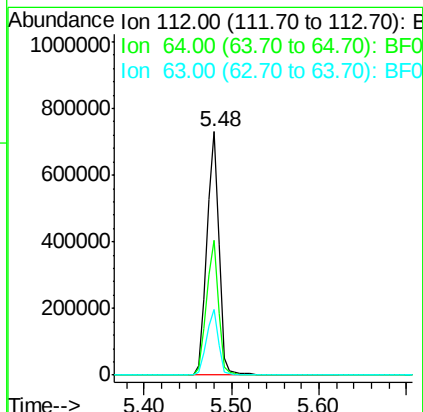
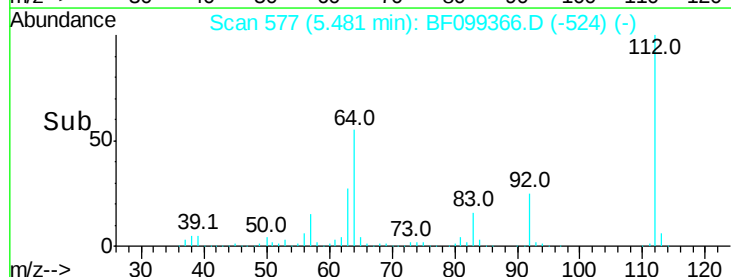
#5

2-Fluorophenol  
 Concen: 102.353 ng  
 RT: 5.48 min Scan# 577  
 Delta R.T. 0.01 min  
 Lab File: BF099366.D  
 Acq: 12 Oct 2017 1:24

Tgt Ion:112 Resp: 707876  
 Ion Ratio Lower Upper  
 112 100  
 64 55.2 47.9 71.9  
 63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.496 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

Instrument :

BNA\_F

ClientSampled :

B-2A

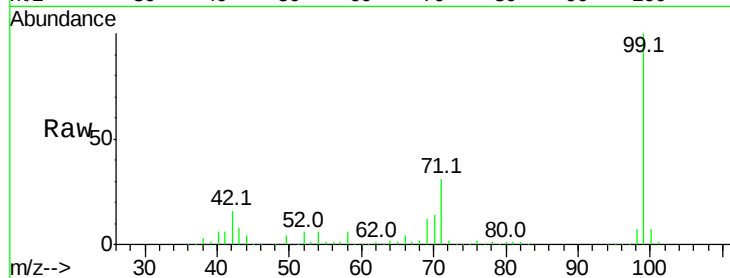
Tot Ion: 99 Resp: 848864

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

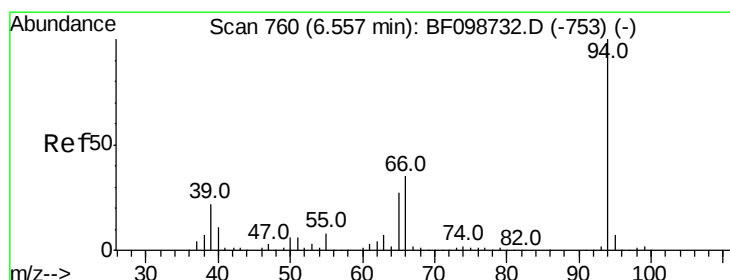
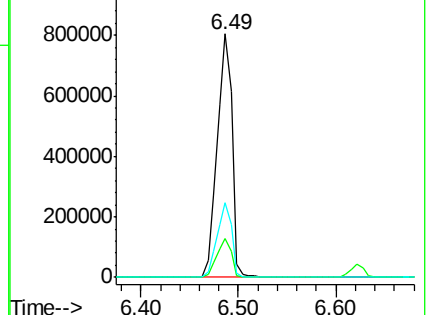
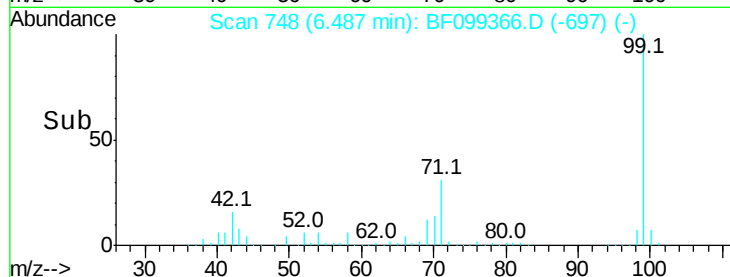
71 30.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.675 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

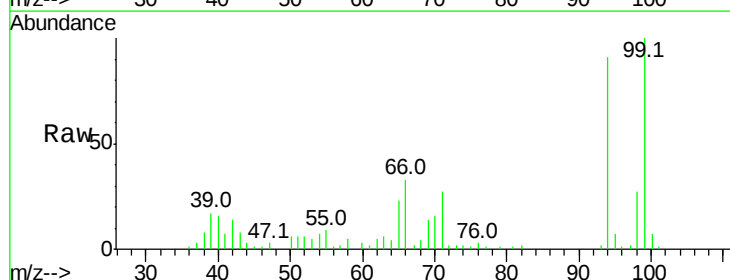
Tgt Ion: 94 Resp: 25525

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

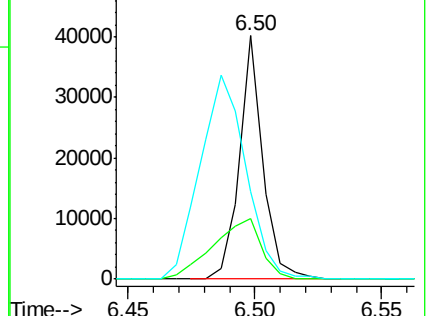
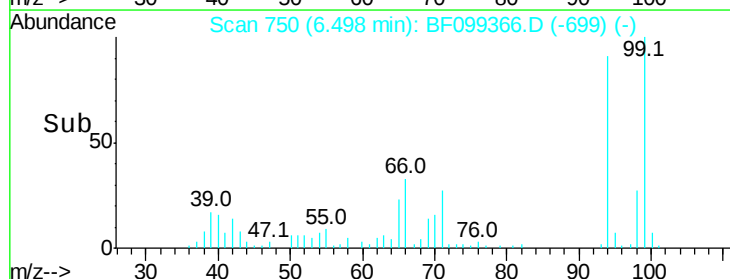
66 36.0 16.2 56.2

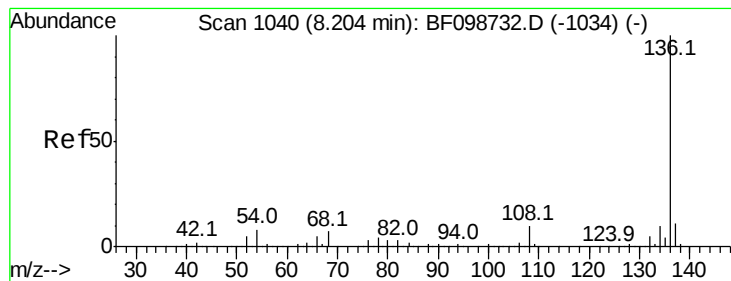


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

Instrument :

BNA\_F

ClientSampleId :

B-2A

Tot Ion:136 Resp: 448383

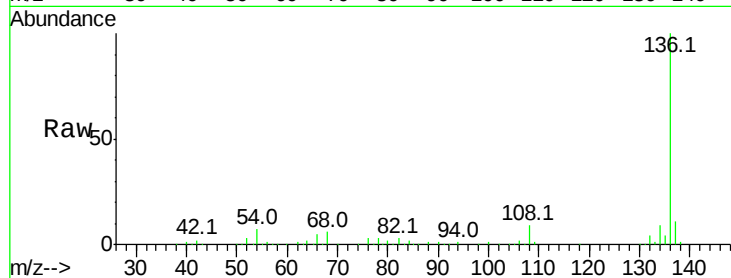
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

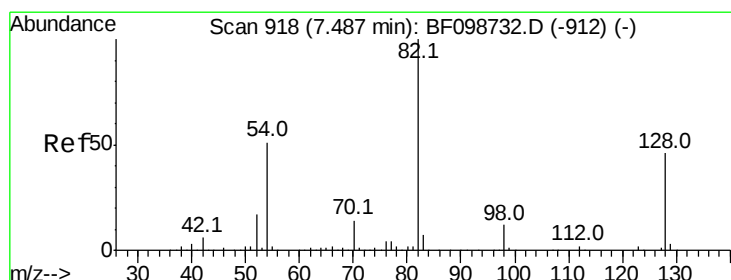
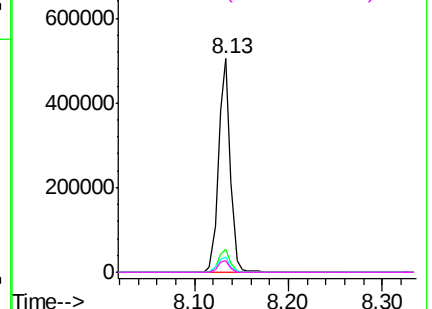
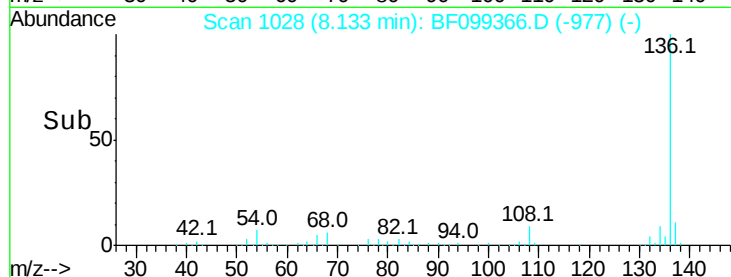


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.071 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

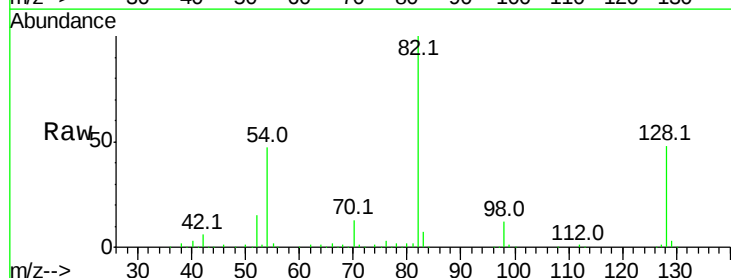
Tgt Ion: 82 Resp: 510898

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

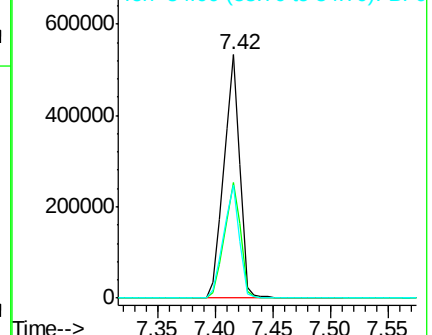
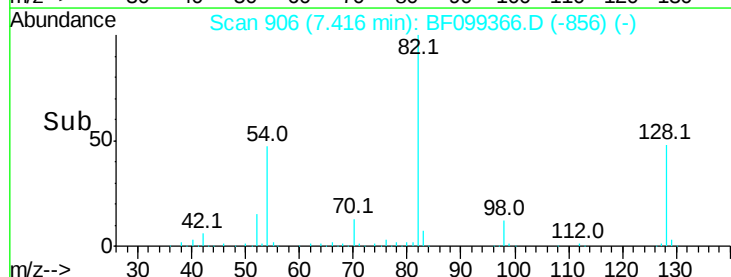
54 46.6 41.4 62.2

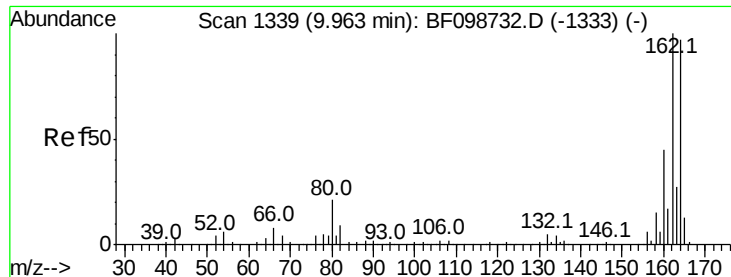


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

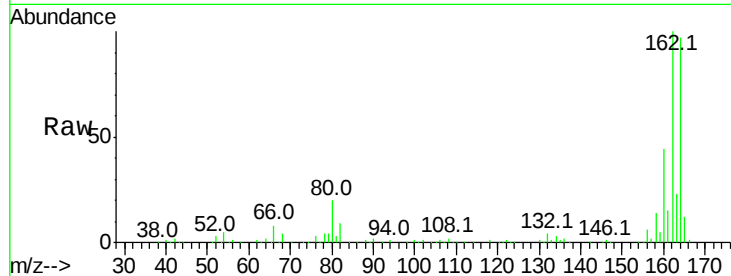




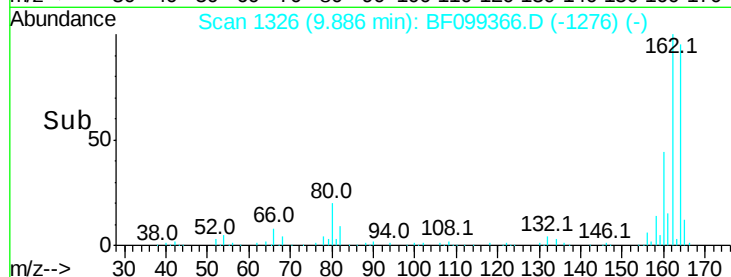
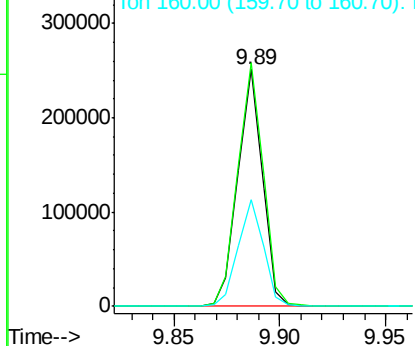
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
B-2A

Tot Ion:164 Resp: 202185  
Ion Ratio Lower Upper  
164 100  
162 102.7 86.1 129.1  
160 44.9 38.3 57.5

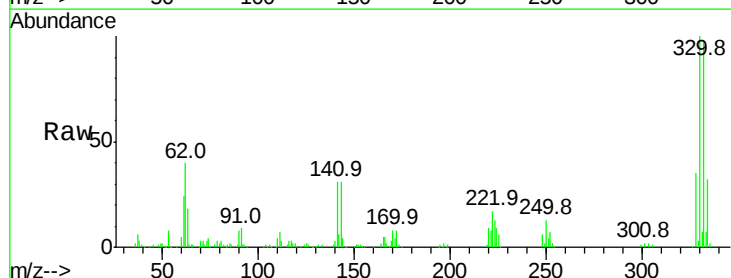


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

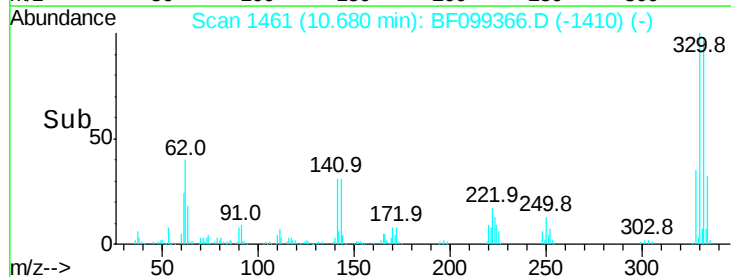
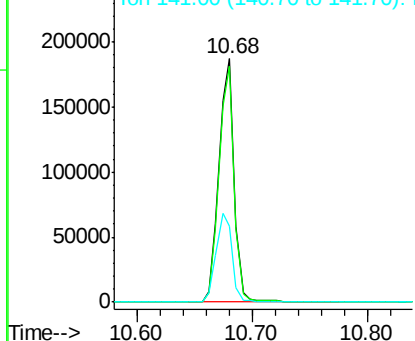


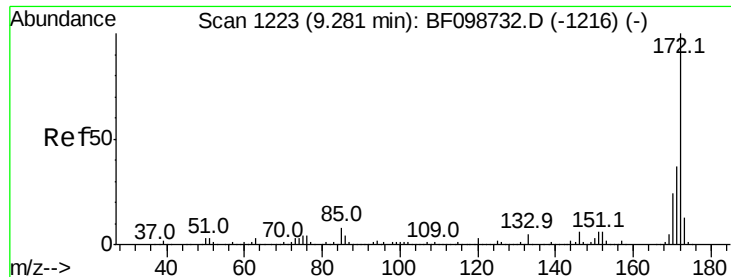
#41  
2,4,6-Tribromophenol  
Concen: 103.917 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.00 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

Tgt Ion:330 Resp: 171922  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.0 115.6  
141 38.4 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

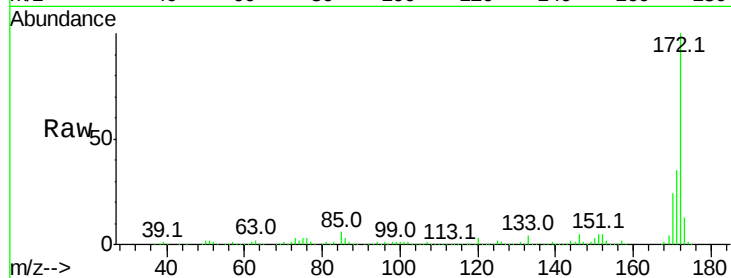




#44  
2-Fluorobiphenyl  
Concen: 76.438 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.00 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

Instrument :  
BNA\_F  
ClientSampleId :  
B-2A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 29.7  | 44.5  |
| 170     | 23.7  | 19.6  | 29.4  |

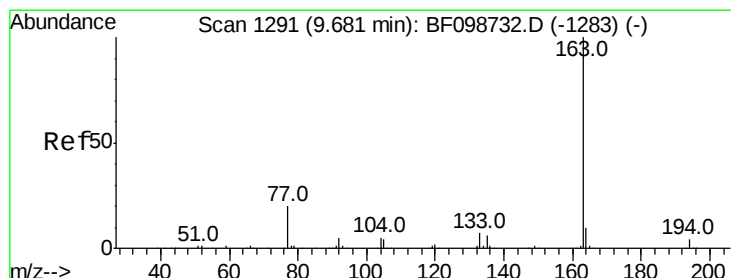
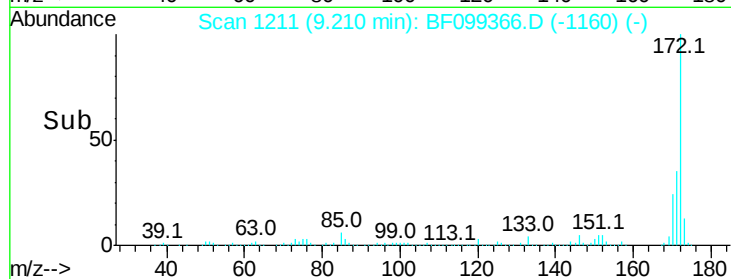
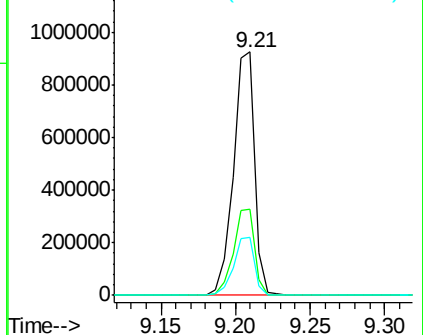


Abundance

Ion 172.00 (171.70 to 172.70): E

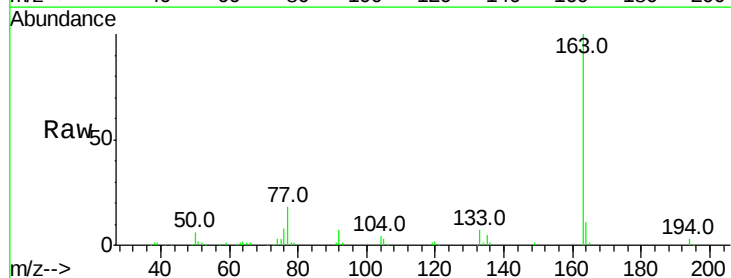
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49  
Dimethylphthalate  
Concen: 7.409 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 2.7   | 4.1   |
| 164     | 10.9  | 8.2   | 12.2  |

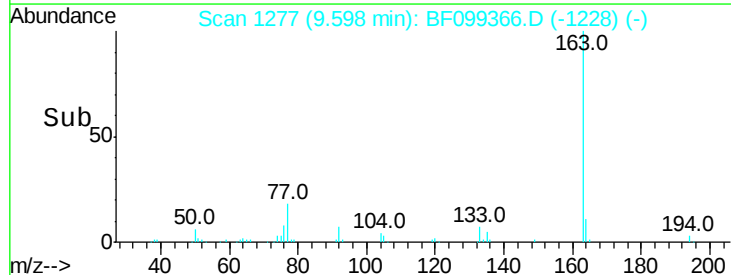
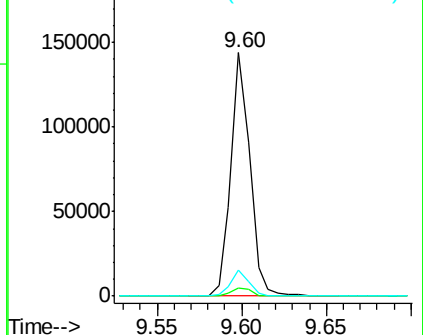


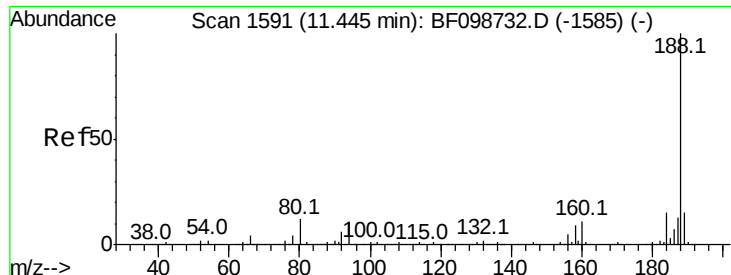
Abundance

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

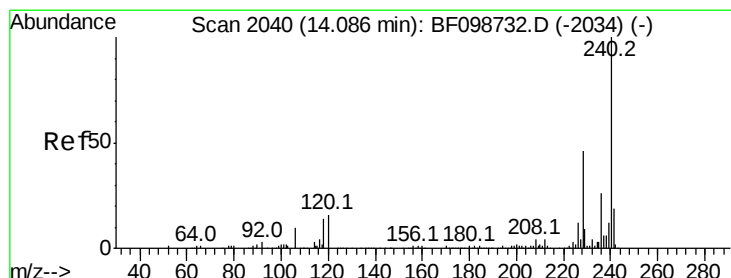
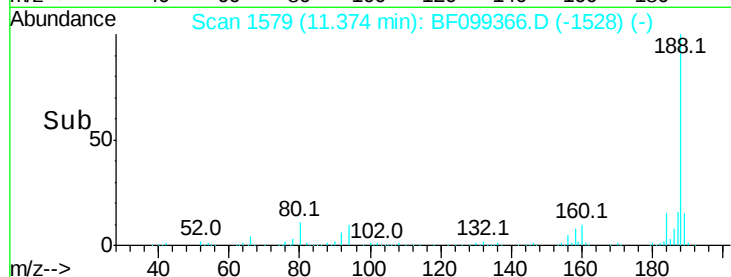
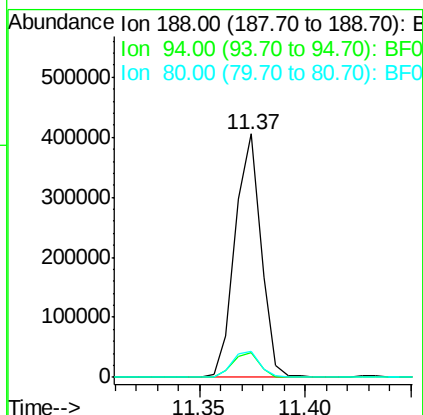
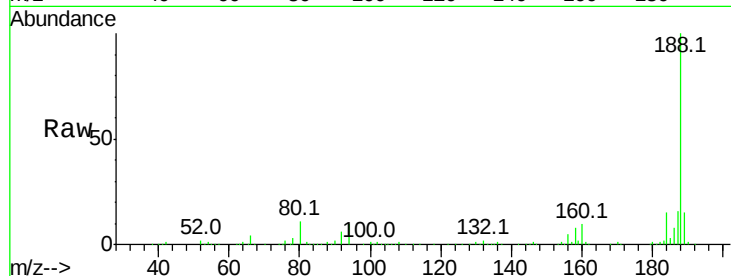




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.00 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

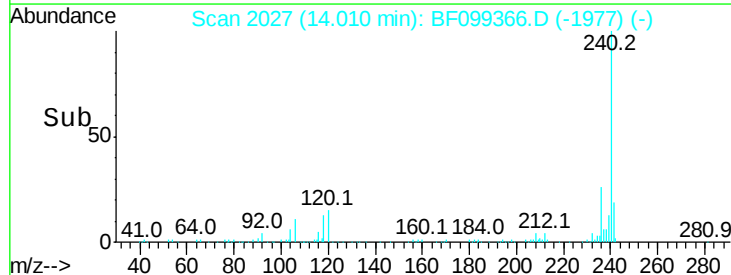
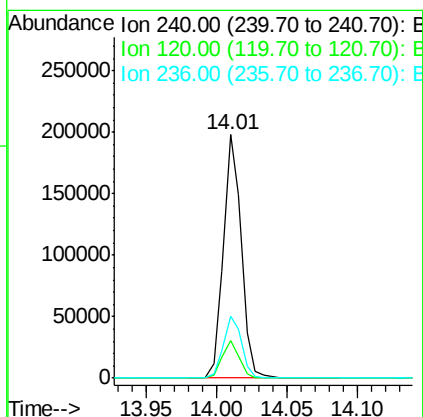
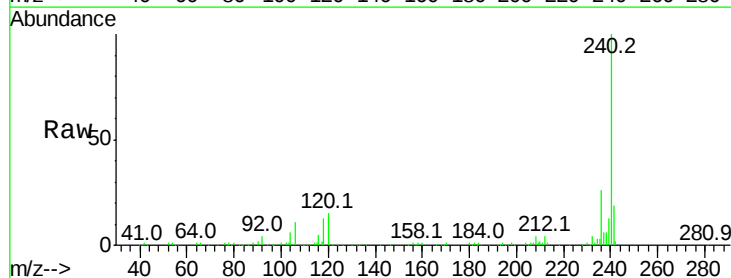
Instrument :  
BNA\_F  
ClientSampled :  
B-2A

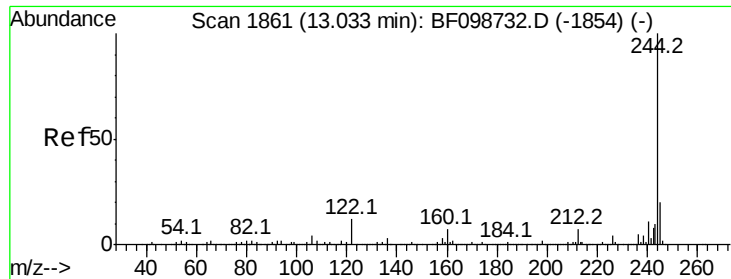
Tot Ion:188 Resp: 344002  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.5 12.7  
80 10.7 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF099366.D  
Acq: 12 Oct 2017 1:24

Tgt Ion:240 Resp: 174811  
Ion Ratio Lower Upper  
240 100  
120 15.2 9.5 14.3#  
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 83.471 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

Instrument :

BNA\_F

ClientSampleId :

B-2A

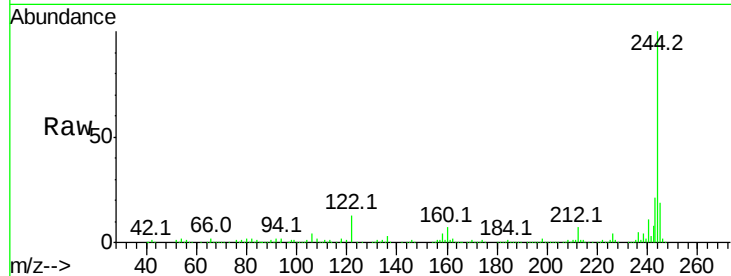
Tot Ion:244 Resp: 641613

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

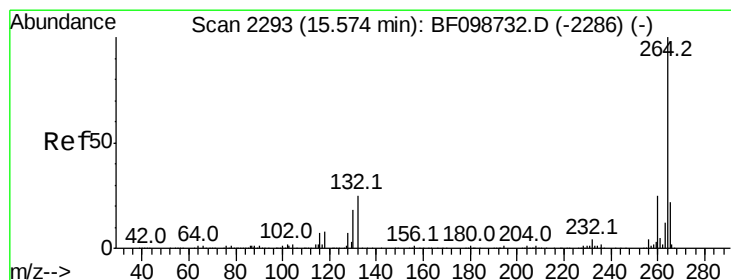
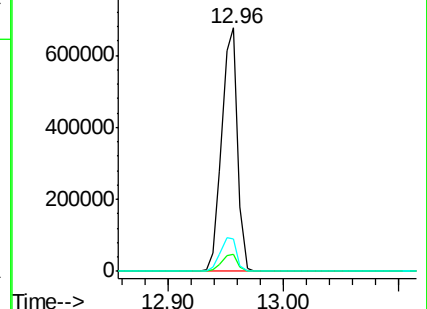
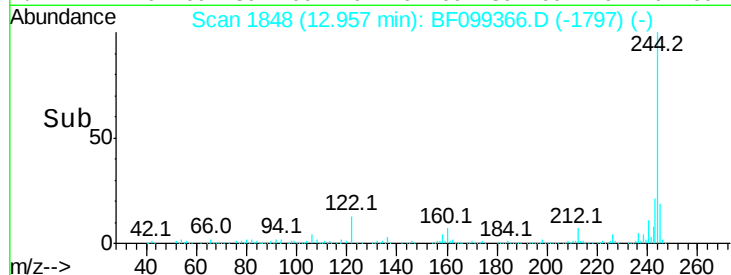
122 13.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099366.D

Acq: 12 Oct 2017 1:24

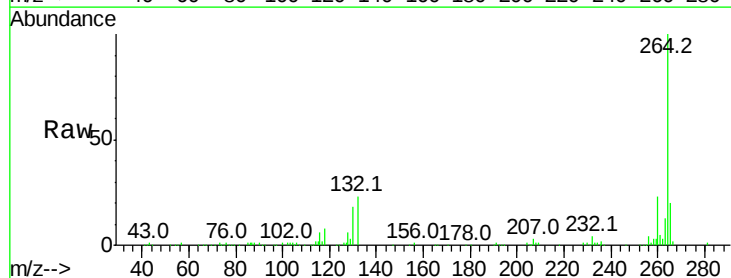
Tgt Ion:264 Resp: 175382

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.4 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

