

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\  
 Data File : BF096153.D  
 Acq On : 23 Jun 2017 9:10  
 Operator : SJ/MA  
 Sample : I3822-01  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NH-16B

Quant Time: Jun 23 11:22:34 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 16:05:47 2017  
 Response via : Initial Calibration

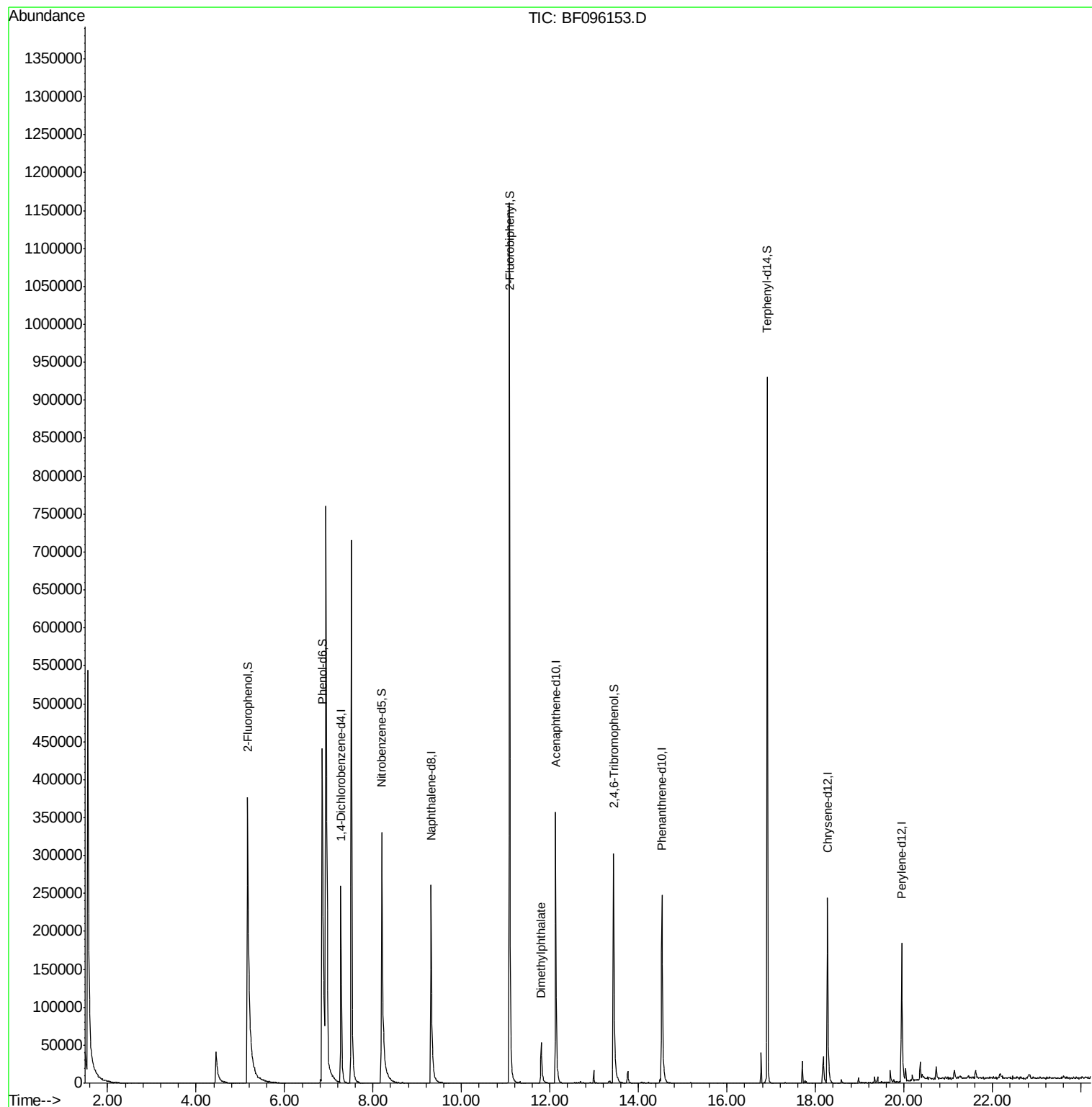
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.27  | 152  | 68016    | 20.00 | ng    | -0.02        |
| 21) Naphthalene-d8          | 9.31  | 136  | 270239   | 20.00 | ng    | -0.02        |
| 38) Acenaphthene-d10        | 12.13 | 164  | 116638   | 20.00 | ng    | -0.02        |
| 63) Phenanthrene-d10        | 14.53 | 188  | 186319   | 20.00 | ng    | -0.01        |
| 75) Chrysene-d12            | 18.27 | 240  | 138772   | 20.00 | ng    | 0.00         |
| 86) Perylene-d12            | 19.94 | 264  | 116628   | 20.00 | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.16  | 112  | 372606   | 87.29 | ng    | -0.02        |
| 7) Phenol-d6                | 6.85  | 99   | 477192   | 93.38 | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 8.20  | 82   | 267008   | 61.36 | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 13.43 | 330  | 74428    | 72.12 | ng    | -0.02        |
| 44) 2-Fluorobiphenyl        | 11.09 | 172  | 557129   | 66.47 | ng    | -0.02        |
| 78) Terphenyl-d14           | 16.91 | 244  | 364046   | 65.10 | ng    | -0.02        |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 11.80 | 163  | 56108    | 6.34  | ng    | Qvalue<br>97 |

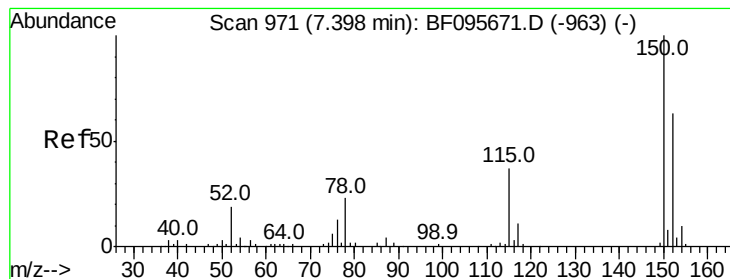
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\  
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ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NH-16B

Quant Time: Jun 23 11:22:34 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 20 16:05:47 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA\_F

ClientSampled :

NH-16B

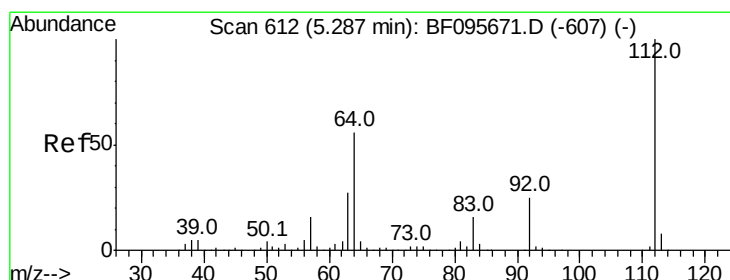
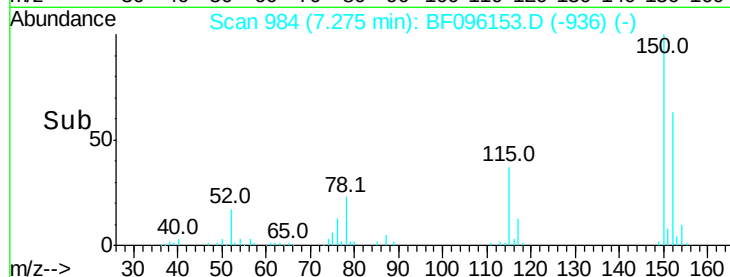
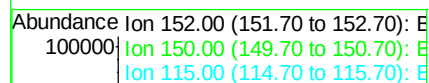
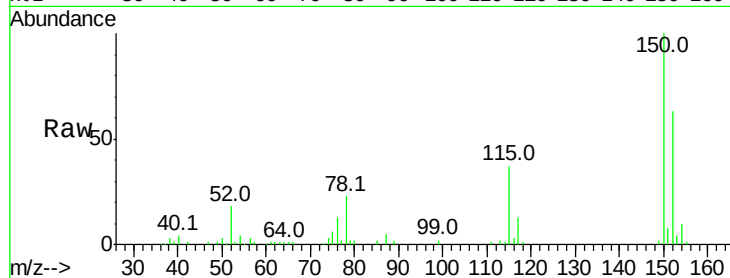
Tot Ion:152 Resp: 68016

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

115 58.5 52.2 78.2



#5

2-Fluorophenol

Concen: 87.29 ng

RT: 5.16 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

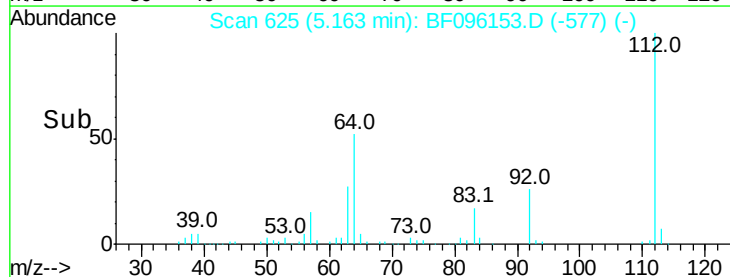
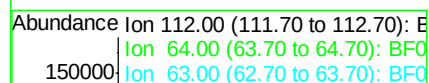
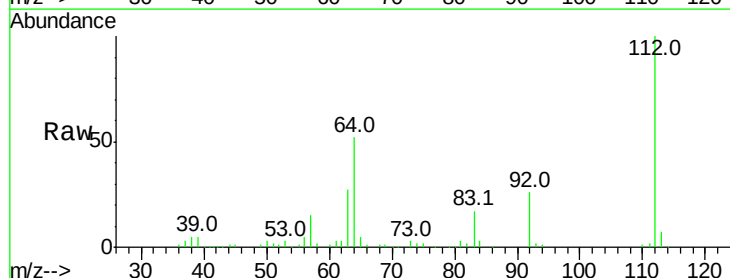
Tgt Ion:112 Resp: 372606

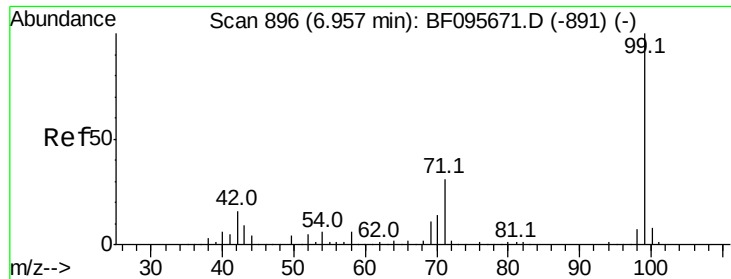
Ion Ratio Lower Upper

112 100

64 51.9 46.0 69.0

63 26.9 23.4 35.0





#7

Phenol-d6

Concen: 93.38 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA\_F

ClientSampleId :

NH-16B

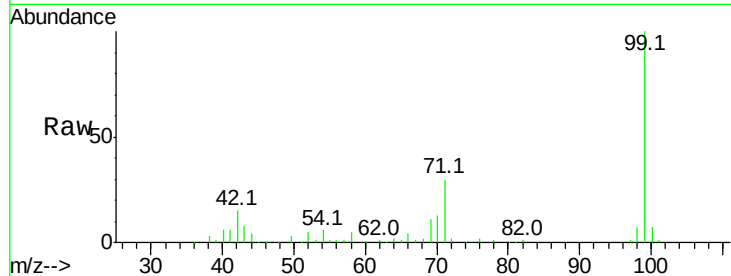
Tot Ion: 99 Resp: 477192

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

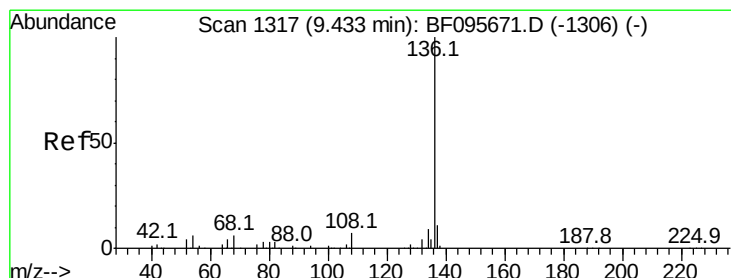
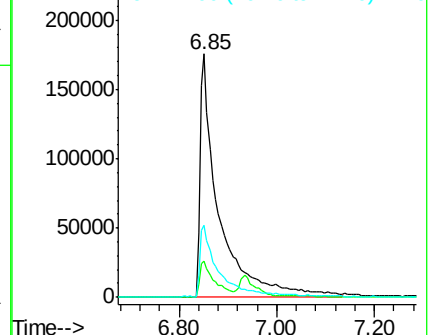
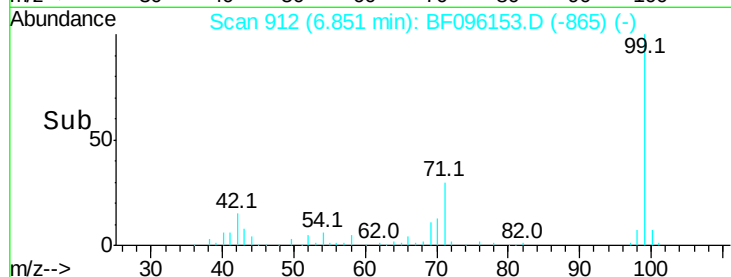
71 29.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Tgt Ion: 136 Resp: 270239

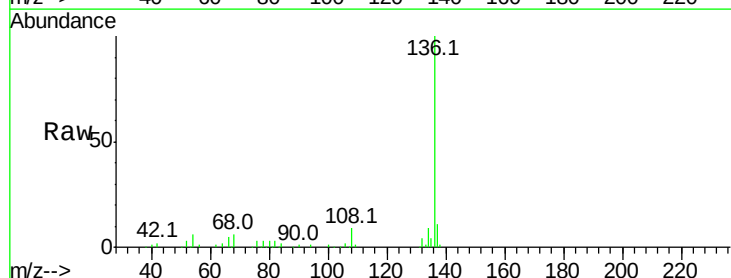
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

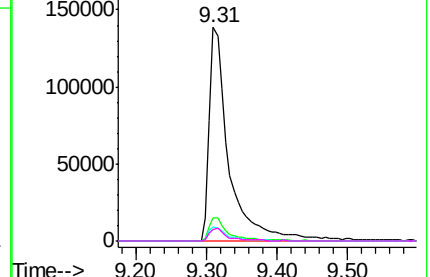
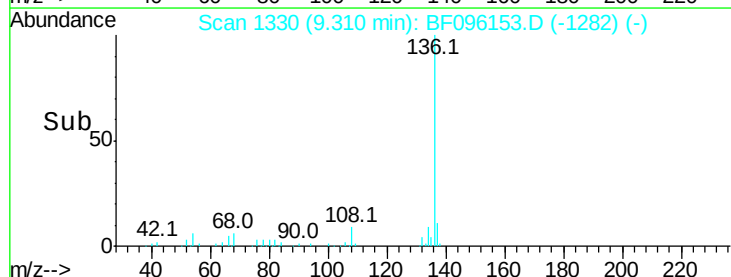


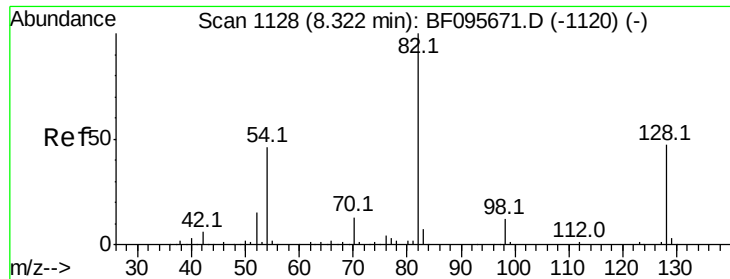
Abundance Ion 136.00 (135.70 to 136.70): E

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

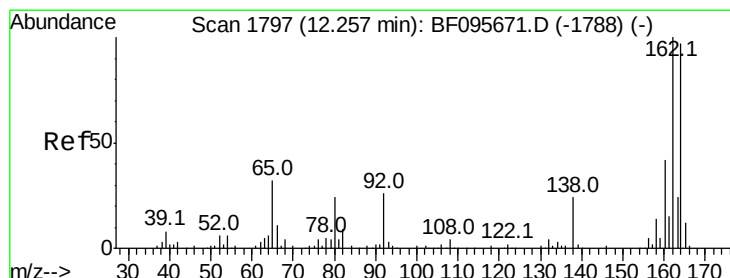
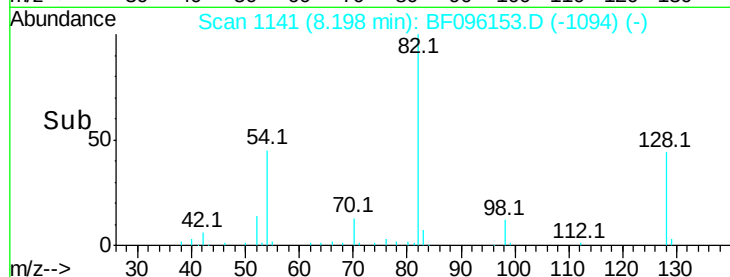
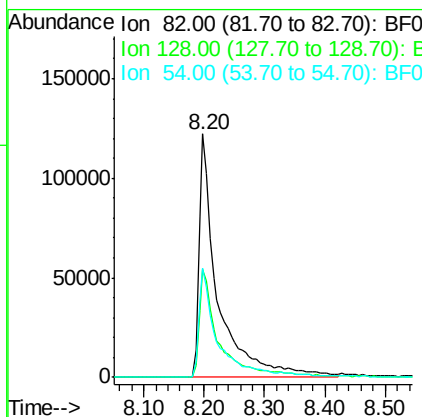
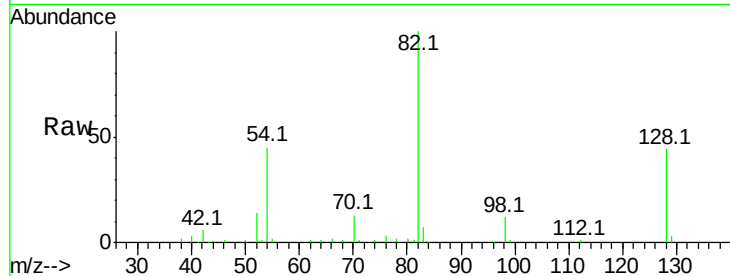




#23  
 Nitrobenzene-d5  
 Concen: 61.36 ng  
 RT: 8.20 min Scan# 1141  
 Delta R.T. -0.02 min  
 Lab File: BF096153.D  
 Acq: 23 Jun 2017 9:10

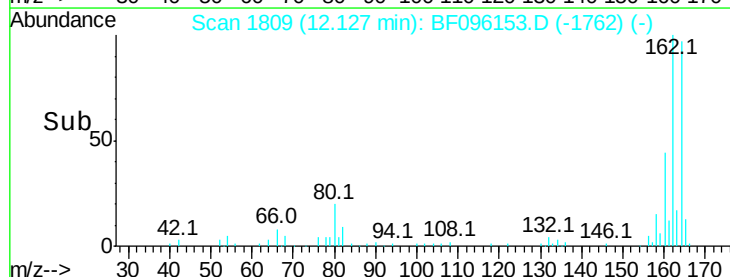
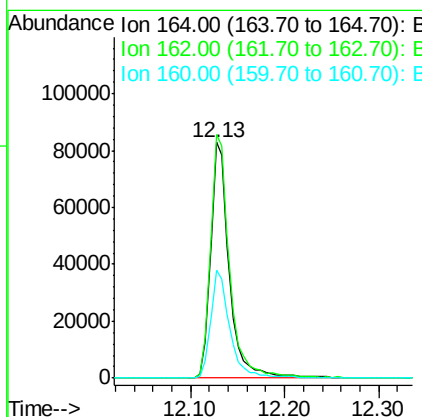
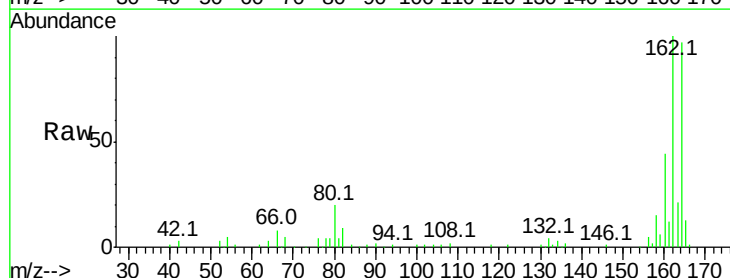
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NH-16B

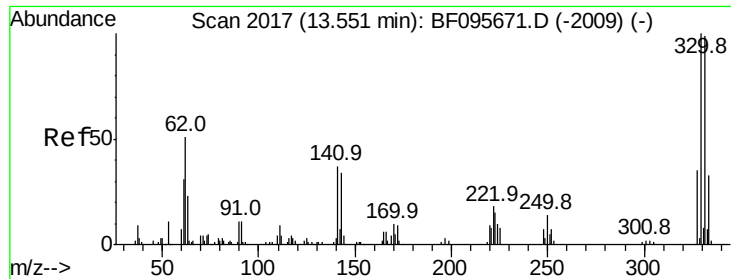
Tot Ion: 82 Resp: 267008  
 Ion Ratio Lower Upper  
 82 100  
 128 44.4 34.0 51.0  
 54 44.8 42.2 63.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.13 min Scan# 1809  
 Delta R.T. -0.02 min  
 Lab File: BF096153.D  
 Acq: 23 Jun 2017 9:10

Tgt Ion:164 Resp: 116638  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 82.6 123.8  
 160 45.5 36.2 54.2

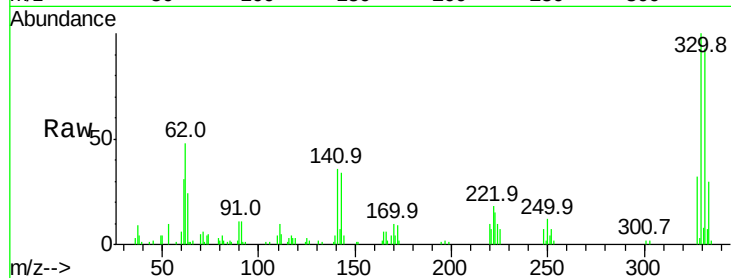




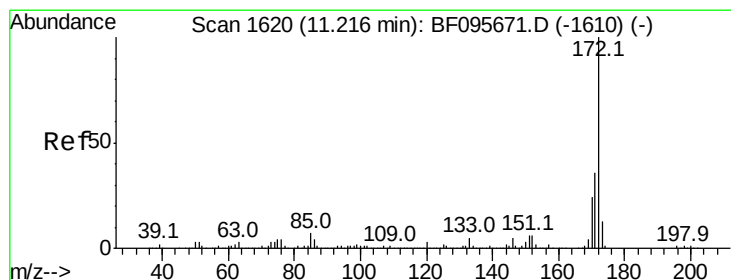
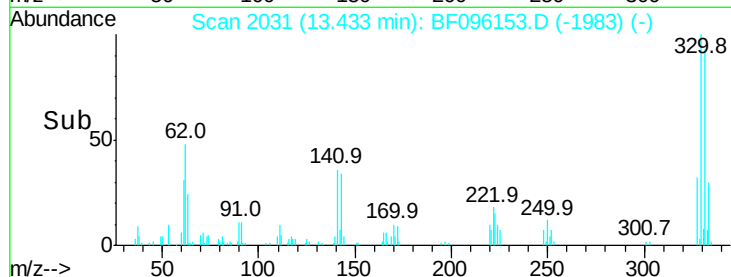
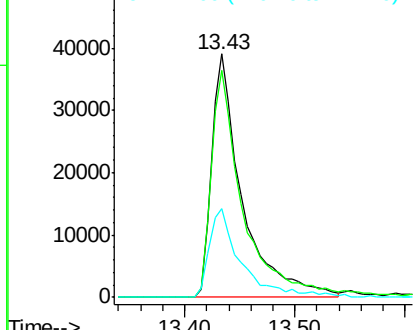
#41  
2,4,6-Tribromophenol  
Concen: 72.12 ng  
RT: 13.43 min Scan# 2031  
Delta R.T. -0.02 min  
Lab File: BF096153.D  
Acq: 23 Jun 2017 9:10

Instrument :  
BNA\_F  
ClientSampled :  
NH-16B

Tot Ion:330 Resp: 74428  
Ion Ratio Lower Upper  
330 100  
332 98.7 76.6 115.0  
141 36.4 31.4 47.2

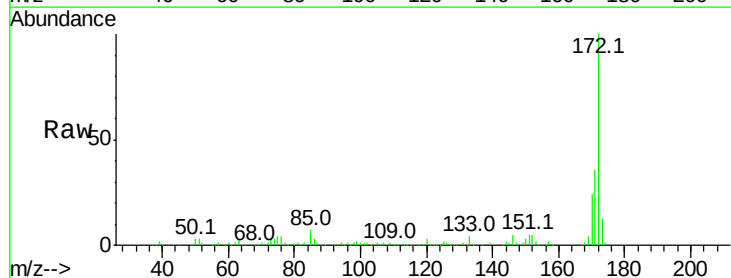


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

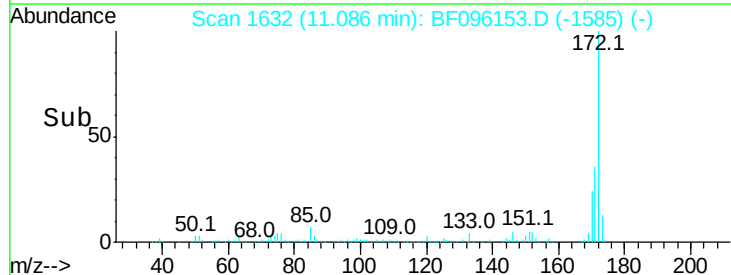
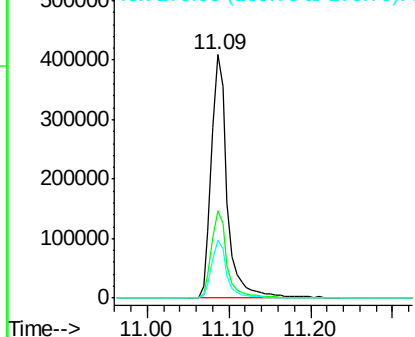


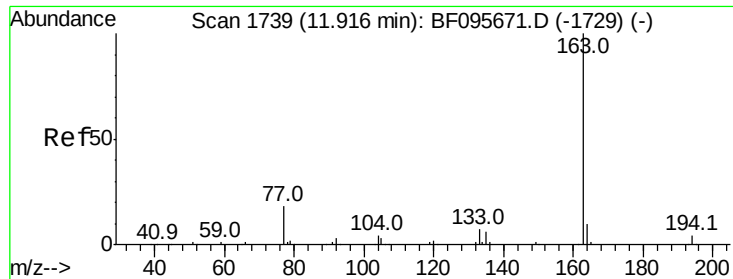
#44  
2-Fluorobiphenyl  
Concen: 66.47 ng  
RT: 11.09 min Scan# 1632  
Delta R.T. -0.02 min  
Lab File: BF096153.D  
Acq: 23 Jun 2017 9:10

Tgt Ion:172 Resp: 557129  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.6 44.4  
170 23.6 19.8 29.8



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: 6.34 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA\_F

ClientSampleId :

NH-16B

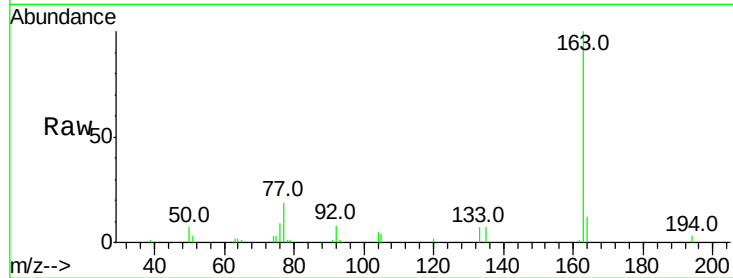
Tot Ion:163 Resp: 56108

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

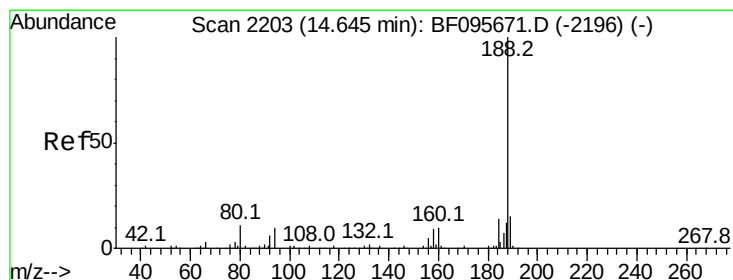
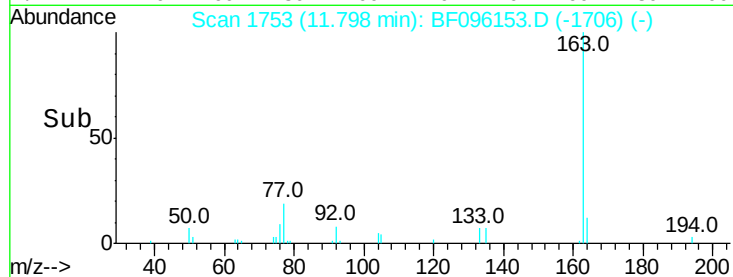
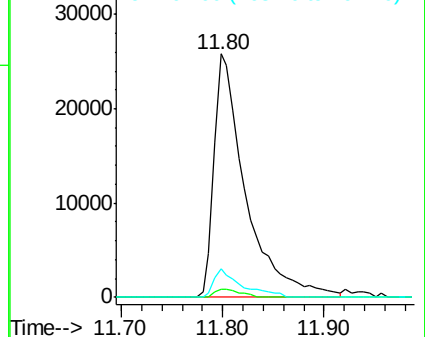
164 11.7 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

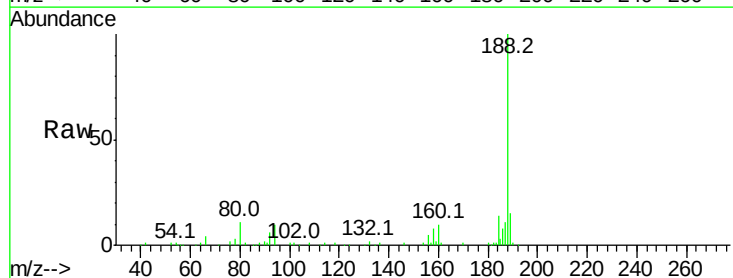
Tgt Ion:188 Resp: 186319

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

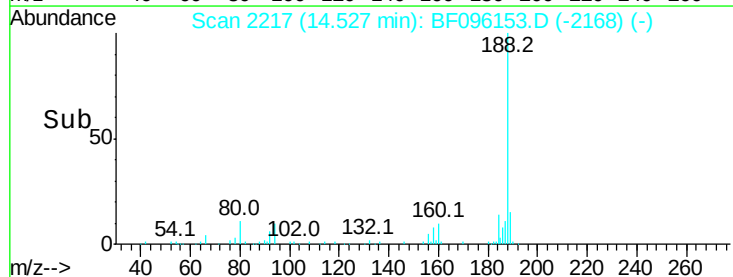
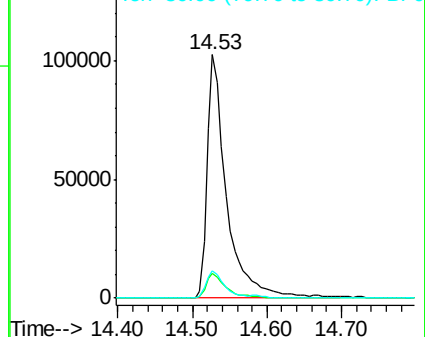
80 11.0 10.2 15.2

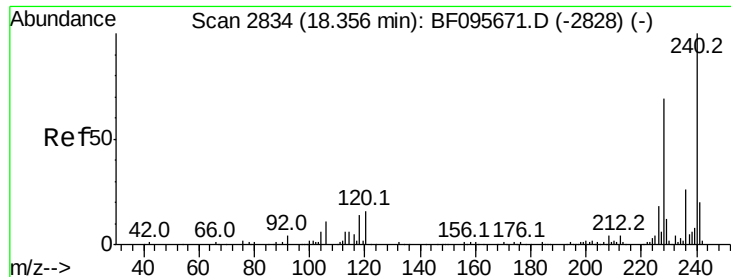


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

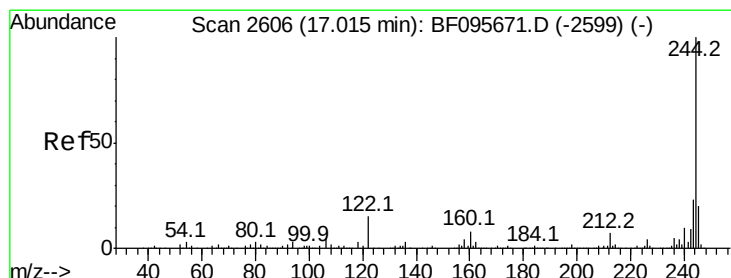
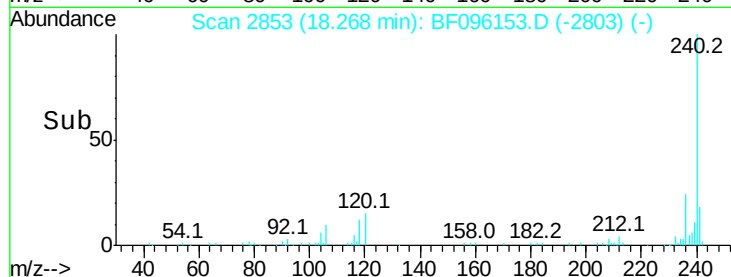
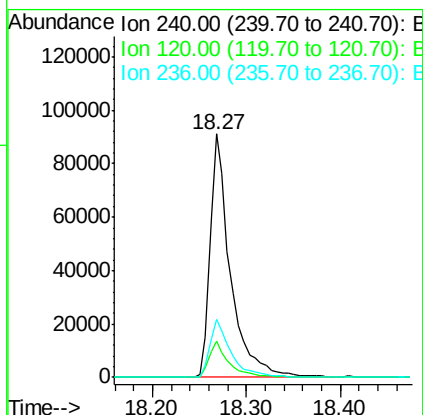
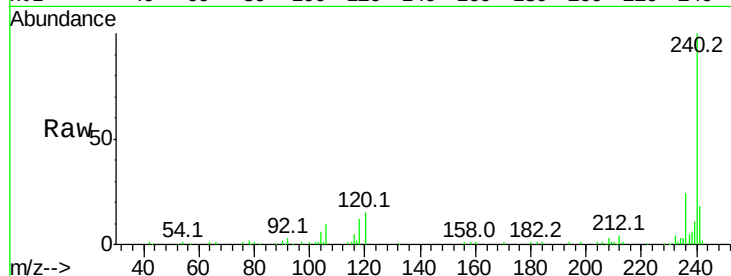




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.27 min Scan# 2853  
 Delta R.T. -0.01 min  
 Lab File: BF096153.D  
 Acq: 23 Jun 2017 9:10

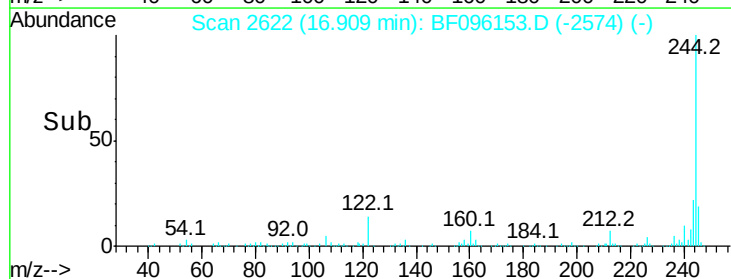
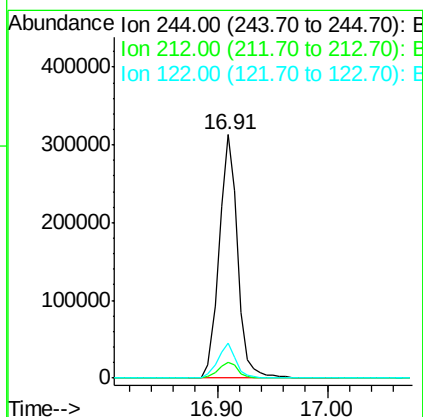
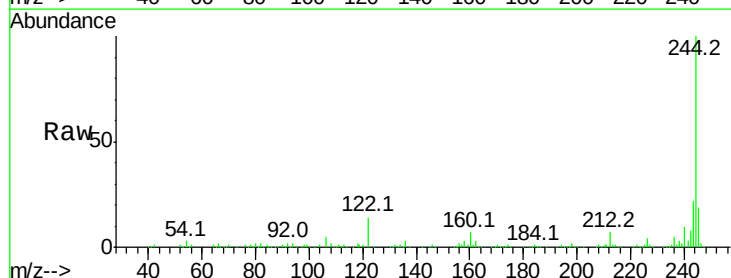
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NH-16B

Tot Ion:240 Resp: 138772  
 Ion Ratio Lower Upper  
 240 100  
 120 14.8 5.8 8.8#  
 236 23.6 20.5 30.7

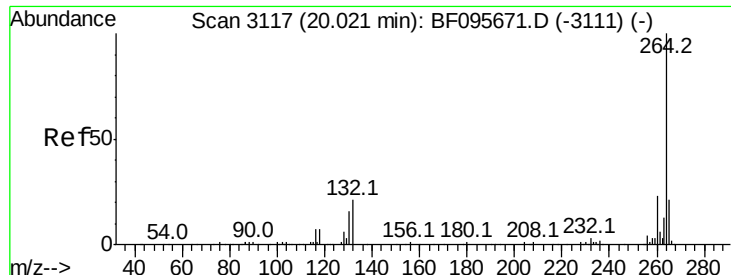


#78  
 Terphenyl-d14  
 Concen: 65.10 ng  
 RT: 16.91 min Scan# 2622  
 Delta R.T. -0.02 min  
 Lab File: BF096153.D  
 Acq: 23 Jun 2017 9:10

Tgt Ion:244 Resp: 364046  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 6.0 9.0  
 122 14.5 10.3 15.5



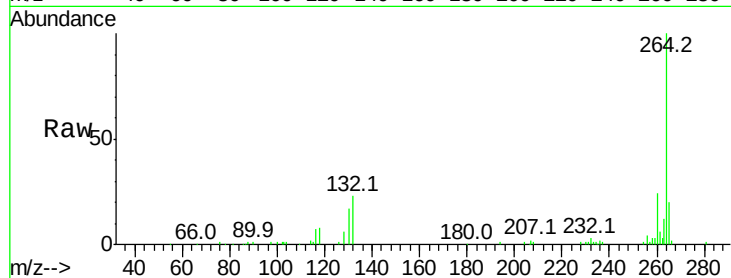




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 19.94 min Scan# 3138  
Delta R.T. 0.01 min  
Lab File: BF096153.D  
Acq: 23 Jun 2017 9:10

Instrument :  
BNA\_F  
ClientSampleId :  
NH-16B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.5  | 29.3  |
| 265     | 20.5  | 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

