

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\  
 Data File : BF096164.D  
 Acq On : 23 Jun 2017 17:39  
 Operator : SJ/MA  
 Sample : I3842-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-TS-001

Quant Time: Jun 24 00:24:54 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

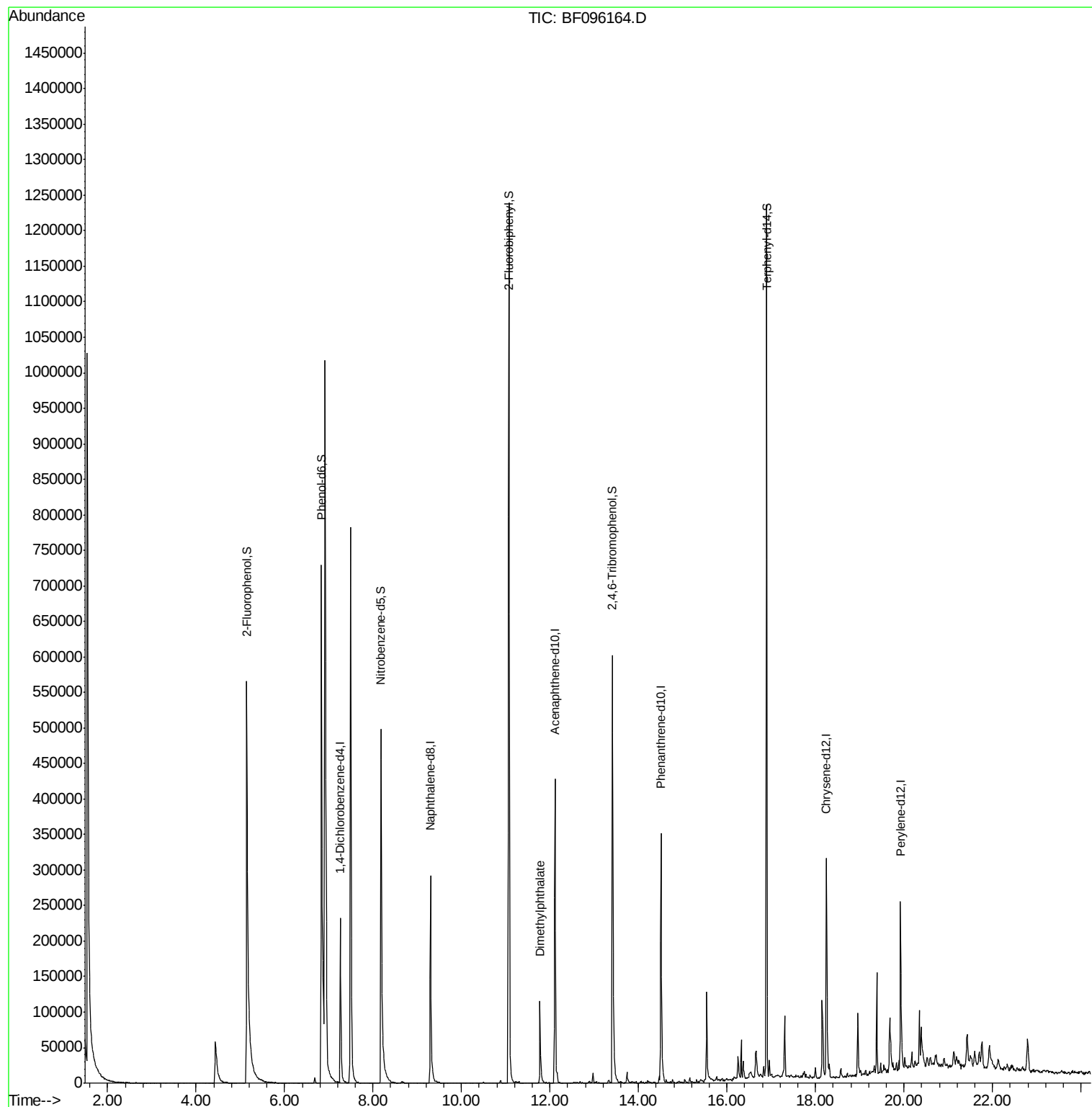
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 65191    | 20.00  | ng    | -0.03        |
| 21) Naphthalene-d8          | 9.30  | 136  | 274258   | 20.00  | ng    | -0.03        |
| 38) Acenaphthene-d10        | 12.11 | 164  | 125971   | 20.00  | ng    | -0.04        |
| 63) Phenanthrene-d10        | 14.51 | 188  | 229101   | 20.00  | ng    | -0.03        |
| 75) Chrysene-d12            | 18.24 | 240  | 161158   | 20.00  | ng    | -0.03        |
| 86) Perylene-d12            | 19.92 | 264  | 123909   | 20.00  | ng    | -0.02        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.15  | 112  | 476744   | 116.53 | ng    | -0.04        |
| 7) Phenol-d6                | 6.83  | 99   | 580187   | 118.46 | ng    | -0.04        |
| 23) Nitrobenzene-d5         | 8.18  | 82   | 335282   | 75.92  | ng    | -0.04        |
| 41) 2,4,6-Tribromophenol    | 13.41 | 330  | 125823   | 112.89 | ng    | -0.04        |
| 44) 2-Fluorobiphenyl        | 11.07 | 172  | 620002   | 68.49  | ng    | -0.04        |
| 78) Terphenyl-d14           | 16.90 | 244  | 482462   | 74.30  | ng    | -0.03        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 11.77 | 163  | 87395    | 9.14   | ng    | Qvalue<br>99 |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\  
Data File : BF096164.D  
Acq On : 23 Jun 2017 17:39  
Operator : SJ/MA  
Sample : I3842-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NC-TS-001

Quant Time: Jun 24 00:24:54 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



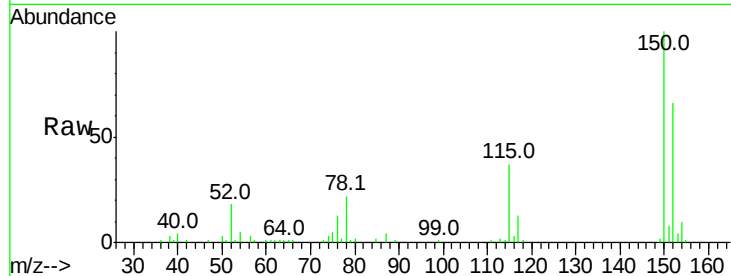


#1

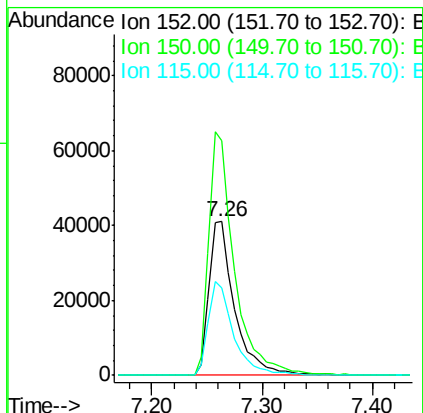
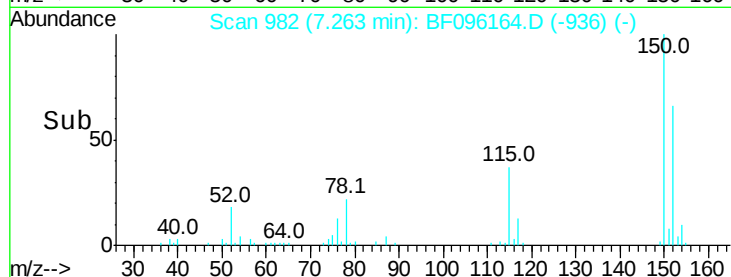
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.26 min Scan# 982  
 Delta R.T. -0.03 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-TS-001

Tot Ion:152 Resp: 65191  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 126.2 189.2  
 115 57.1 52.2 78.2



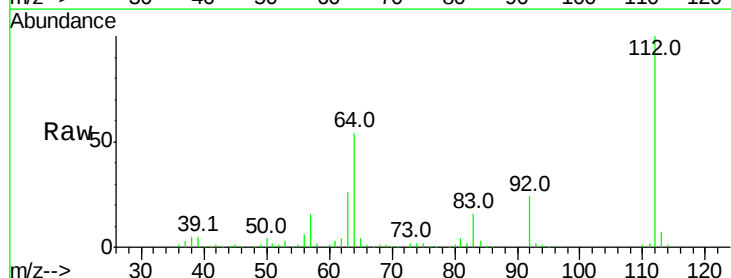
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



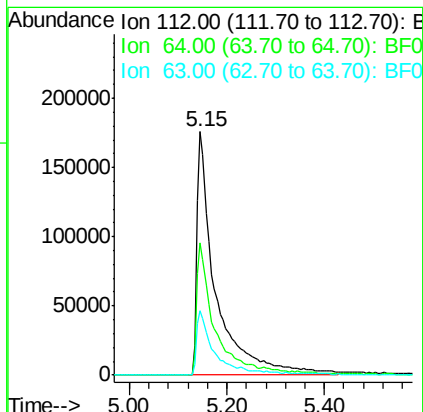
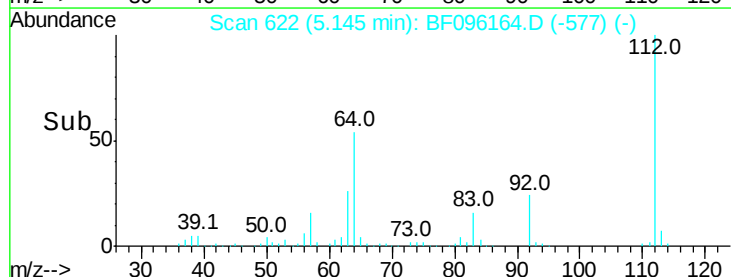
#5

2-Fluorophenol  
 Concen: 116.53 ng  
 RT: 5.15 min Scan# 622  
 Delta R.T. -0.04 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Tgt Ion:112 Resp: 476744  
 Ion Ratio Lower Upper  
 112 100  
 64 54.3 46.0 69.0  
 63 26.4 23.4 35.0



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: 118.46 ng

RT: 6.83 min Scan# 909

Delta R.T. -0.04 min

Lab File: BF096164.D

Acq: 23 Jun 2017 17:39

Instrument :

BNA\_F

ClientSampleId :

NC-TS-001

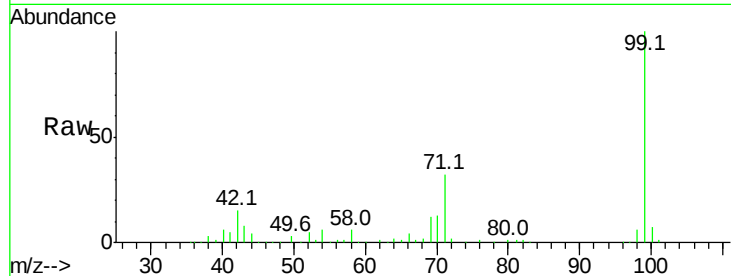
Tot Ion: 99 Resp: 580187

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

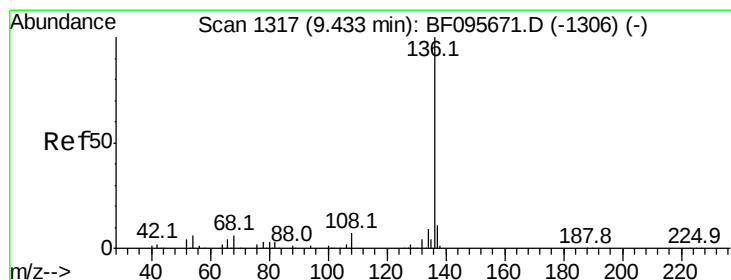
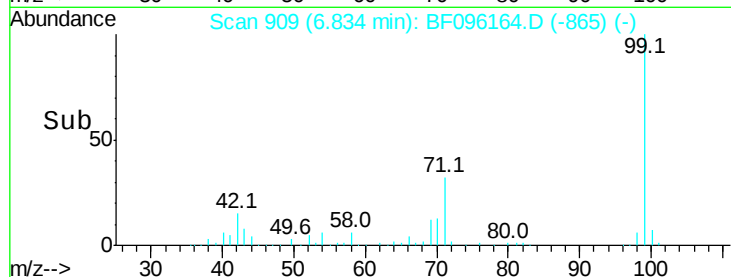
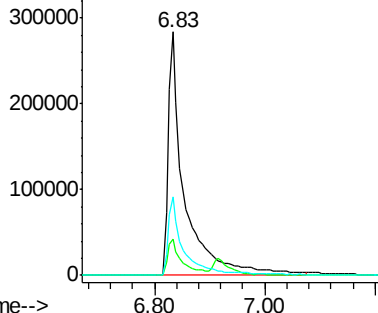
71 32.0 24.5 36.7



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: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096164.D

Acq: 23 Jun 2017 17:39

Tgt Ion: 136 Resp: 274258

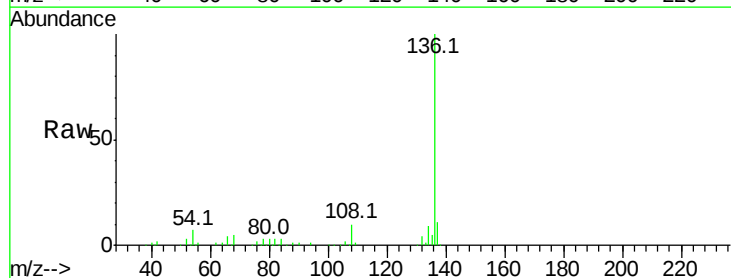
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

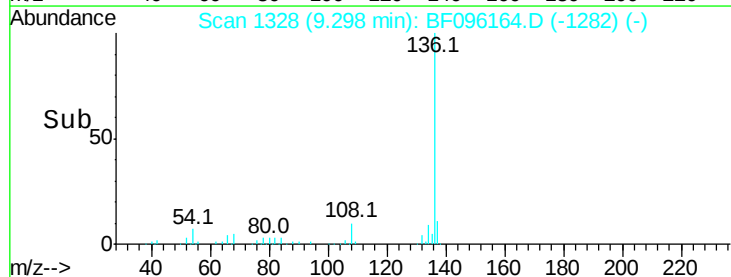
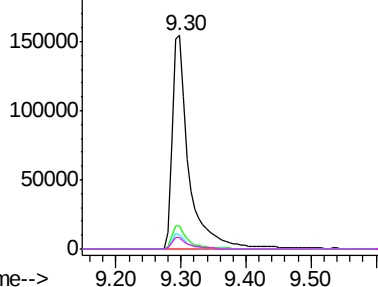


Abundance Ion 136.00 (135.70 to 136.70): E

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

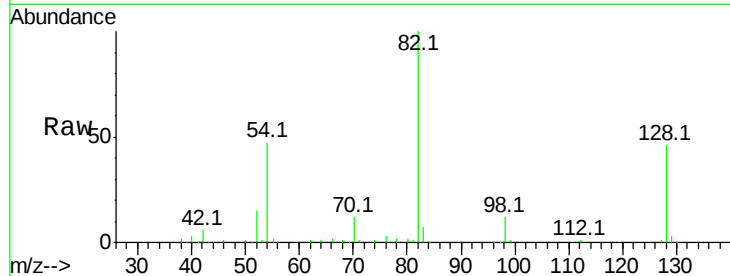




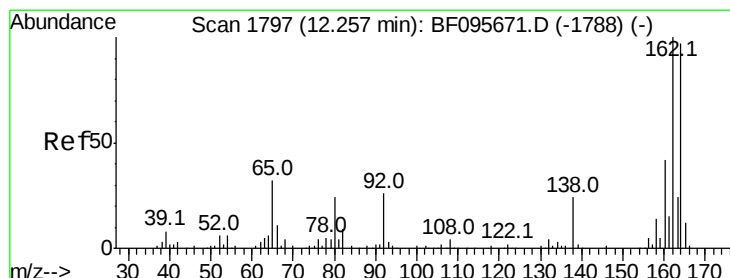
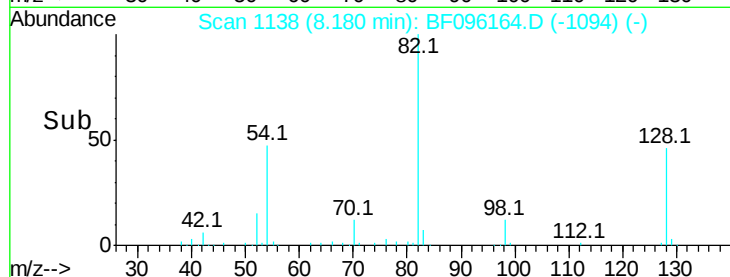
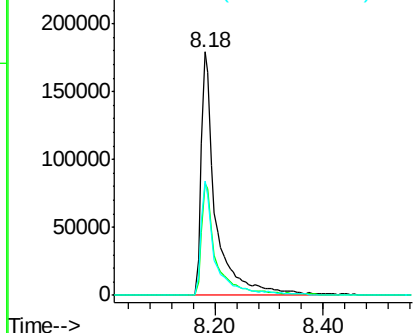
#23  
Nitrobenzene-d5  
Concen: 75.92 ng  
RT: 8.18 min Scan# 1138  
Delta R.T. -0.04 min  
Lab File: BF096164.D  
Acq: 23 Jun 2017 17:39

Instrument :  
BNA\_F  
ClientSampleId :  
NC-TS-001

Tot Ion: 82 Resp: 335282  
Ion Ratio Lower Upper  
82 100  
128 45.7 34.0 51.0  
54 46.9 42.2 63.2

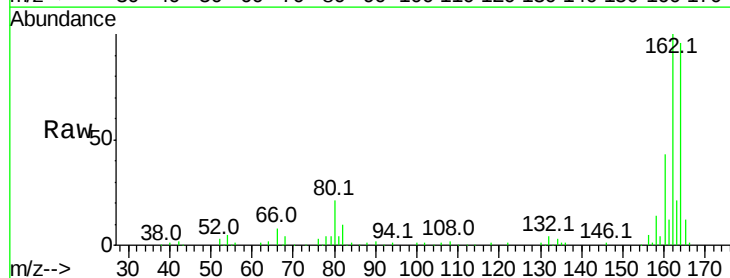


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

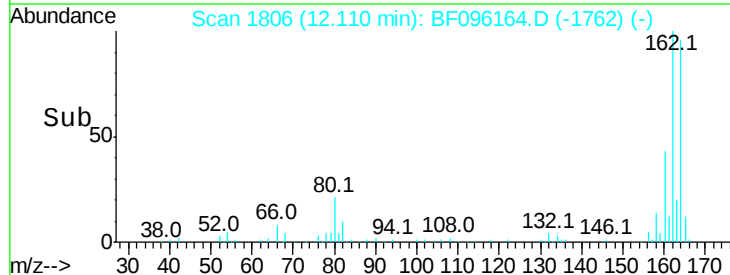
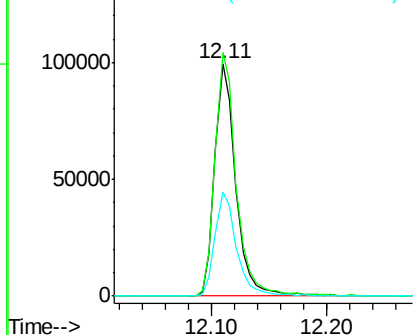


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.11 min Scan# 1806  
Delta R.T. -0.04 min  
Lab File: BF096164.D  
Acq: 23 Jun 2017 17:39

Tgt Ion:164 Resp: 125971  
Ion Ratio Lower Upper  
164 100  
162 104.7 82.6 123.8  
160 44.6 36.2 54.2



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

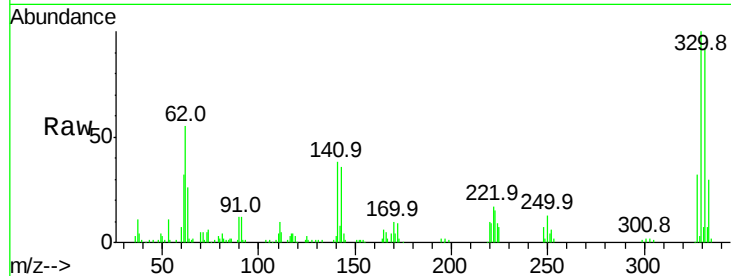




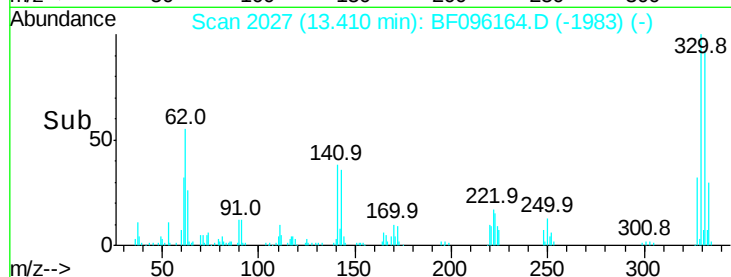
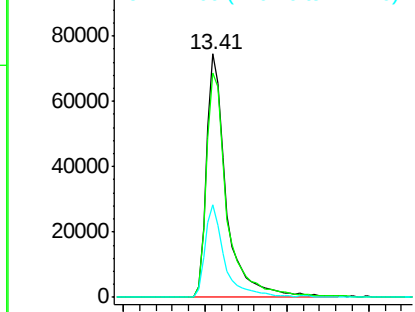
#41  
 2,4,6-Tribromophenol  
 Concen: 112.89 ng  
 RT: 13.41 min Scan# 2027  
 Delta R.T. -0.04 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-TS-001

Tot Ion:330 Resp: 125823  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 76.6 115.0  
 141 37.5 31.4 47.2

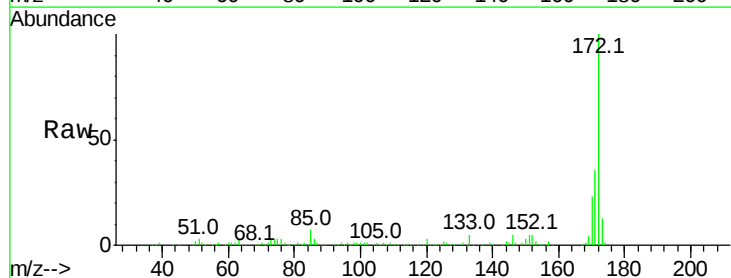


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

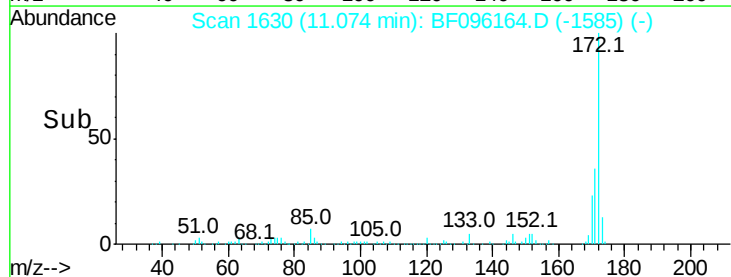
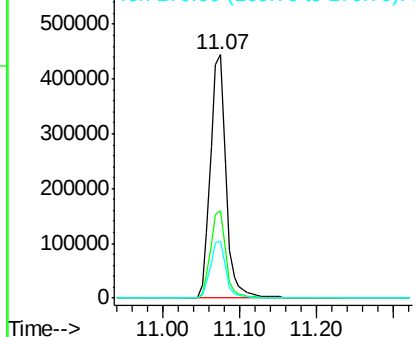


#44  
 2-Fluorobiphenyl  
 Concen: 68.49 ng  
 RT: 11.07 min Scan# 1630  
 Delta R.T. -0.04 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Tgt Ion:172 Resp: 620002  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.6 44.4  
 170 23.4 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: 9.14 ng

RT: 11.77 min Scan# 1749

Delta R.T. -0.05 min

Lab File: BF096164.D

Acq: 23 Jun 2017 17:39

Instrument :

BNA\_F

ClientSampleId :

NC-TS-001

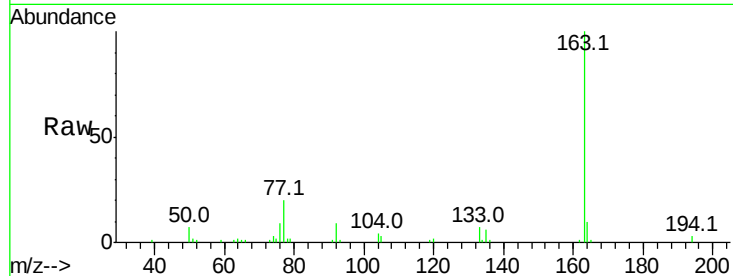
Tot Ion:163 Resp: 87395

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

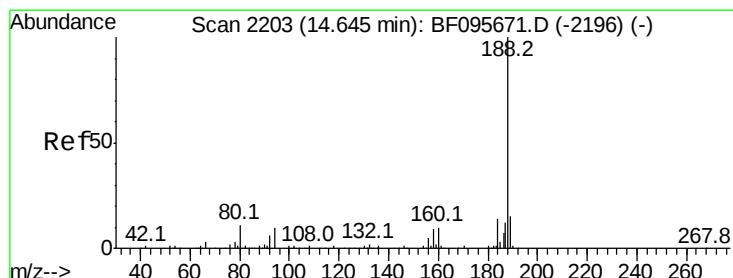
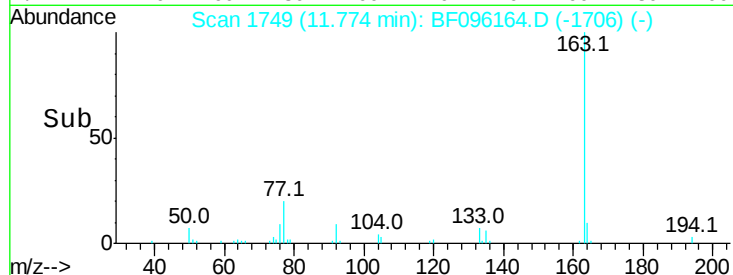
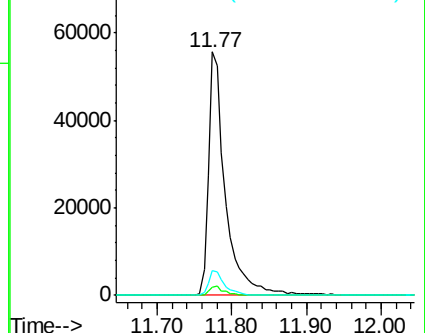
164 10.1 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.51 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BF096164.D

Acq: 23 Jun 2017 17:39

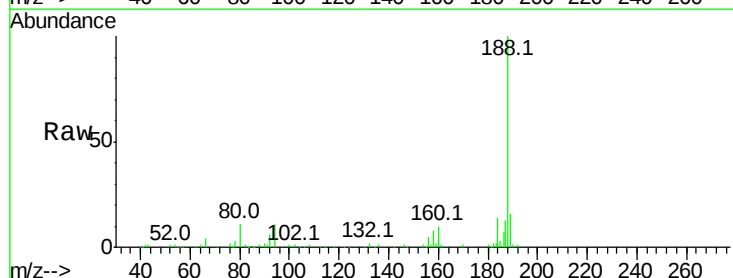
Tgt Ion:188 Resp: 229101

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

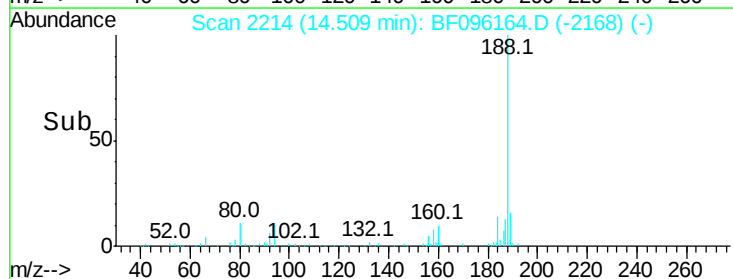
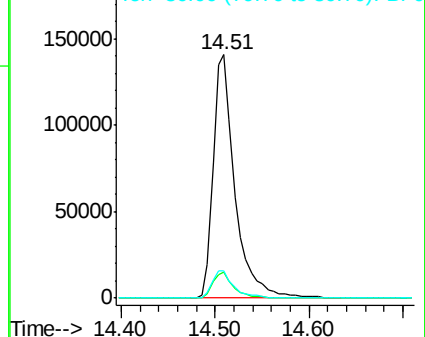
80 11.4 10.2 15.2



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

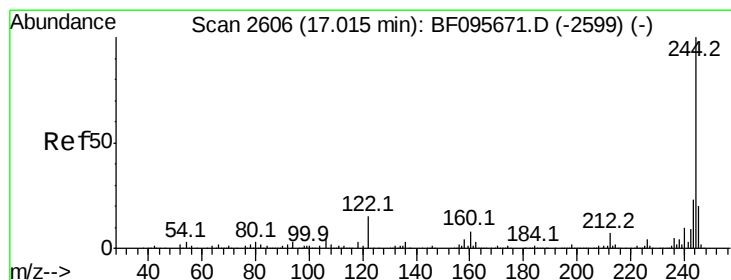
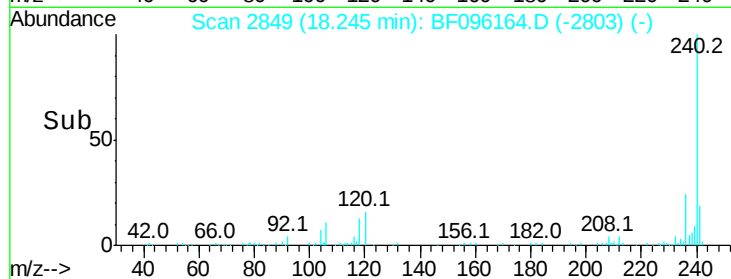
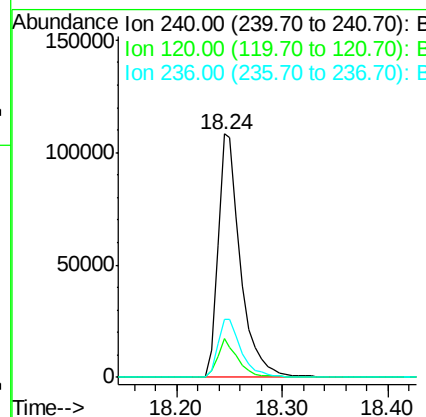
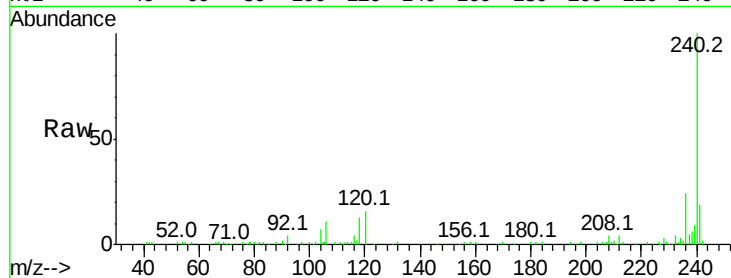




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.24 min Scan# 2849  
 Delta R.T. -0.03 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

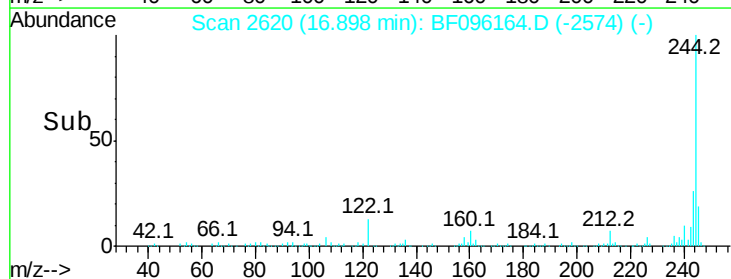
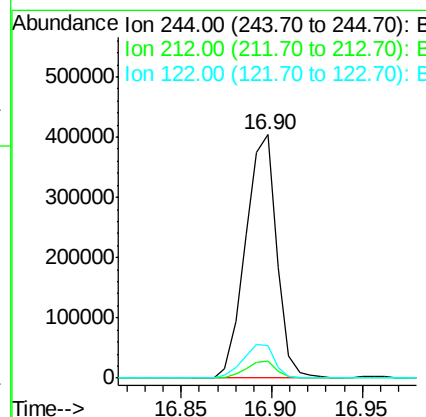
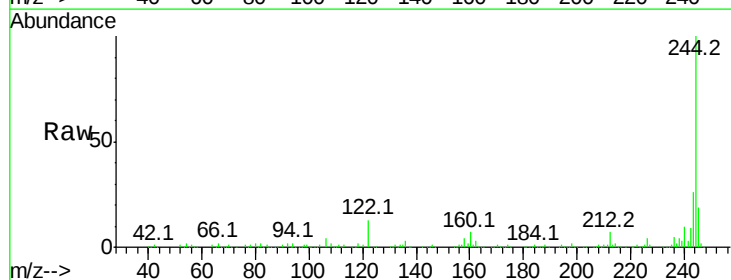
Instrument :  
 BNA\_F  
 ClientSampled :  
 NC-TS-001

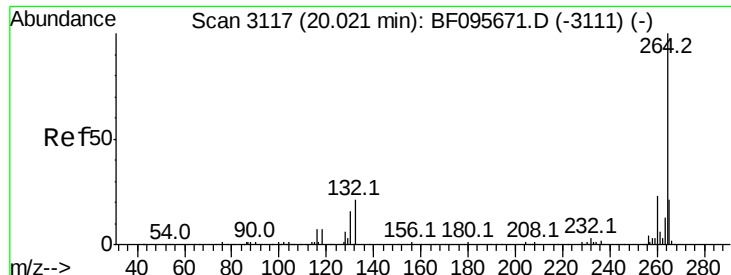
Tot Ion:240 Resp: 161158  
 Ion Ratio Lower Upper  
 240 100  
 120 15.7 5.8 8.8#  
 236 24.1 20.5 30.7



#78  
 Terphenyl-d14  
 Concen: 74.30 ng  
 RT: 16.90 min Scan# 2620  
 Delta R.T. -0.03 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Tgt Ion:244 Resp: 482462  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 13.5 10.3 15.5





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 19.92 min Scan# 3134  
 Delta R.T. -0.02 min  
 Lab File: BF096164.D  
 Acq: 23 Jun 2017 17:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NC-TS-001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.5  | 29.3  |
| 265     | 21.9  | 17.2  | 25.8  |

