

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\  
 Data File : BF097770.D  
 Acq On : 17 Aug 2017 6:23  
 Operator : SJ/JU  
 Sample : I4792-08  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-COMP

Quant Time: Aug 17 08:24:17 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

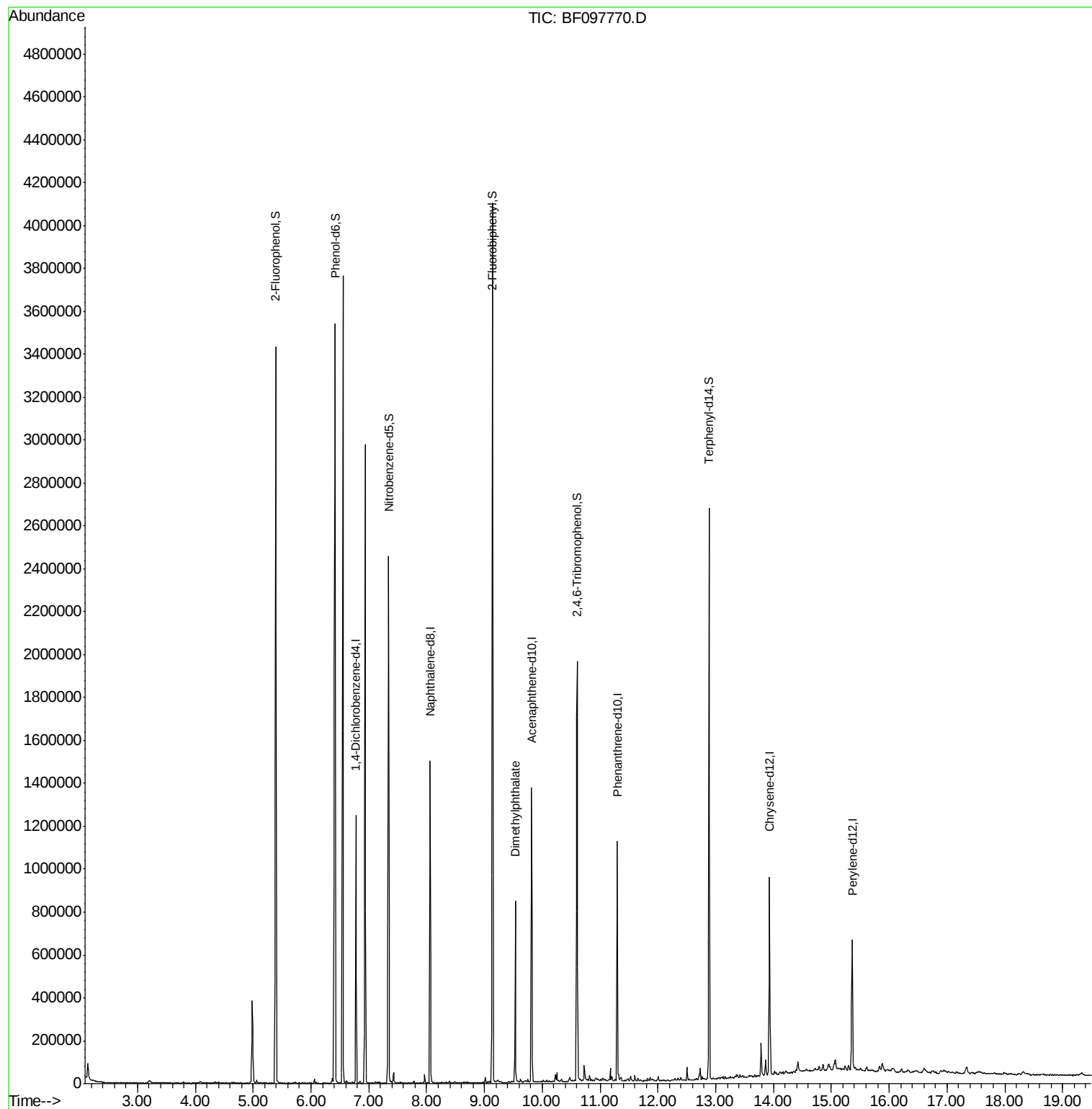
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 156882   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.06  | 136  | 593277   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 9.82  | 164  | 242763   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 11.30 | 188  | 364446   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 13.93 | 240  | 289840   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 15.36 | 264  | 260894   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1053085  | 102.10 | ng    | 0.00          |
| 7) Phenol-d6                | 6.42  | 99   | 1473913  | 105.18 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 916009   | 83.88  | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 219128   | 104.03 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 9.14  | 172  | 1326411  | 80.27  | ng    | 0.00          |
| 78) Terphenyl-d14           | 12.89 | 244  | 744597   | 53.57  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 9.53  | 163  | 276708   | 15.593 | ng    | Qvalue<br>100 |

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

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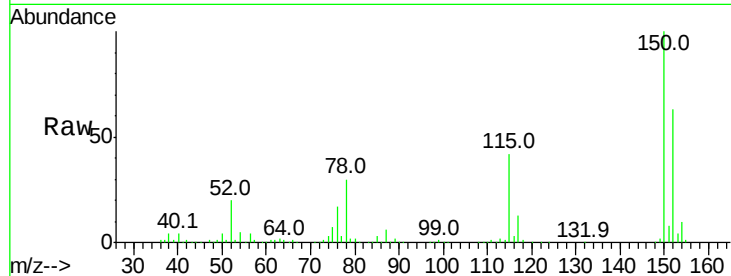


#1

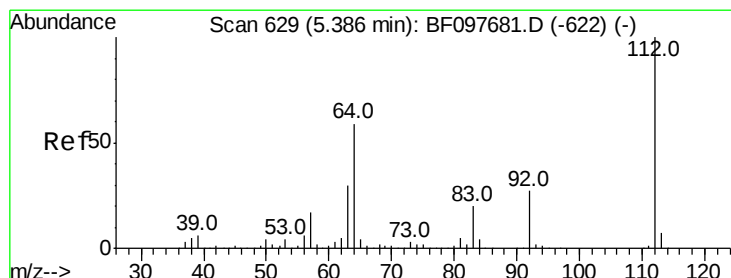
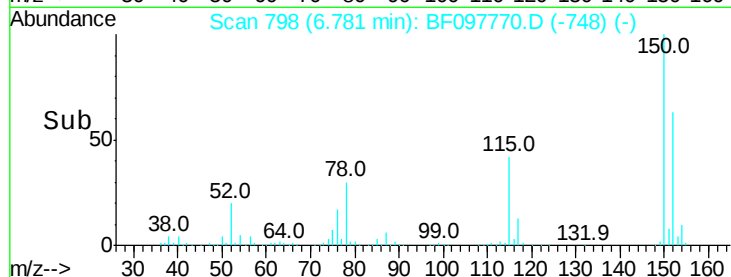
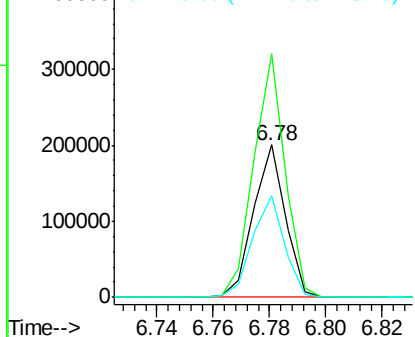
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.78 min Scan# 798  
Delta R.T. -0.01 min  
Lab File: BF097770.D  
Acq: 17 Aug 2017 6:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-COMP

Tot Ion:152 Resp: 156882  
Ion Ratio Lower Upper  
152 100  
150 159.7 126.2 189.2  
115 66.3 52.2 78.2



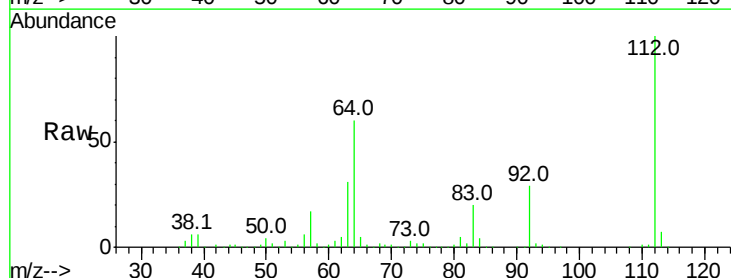
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



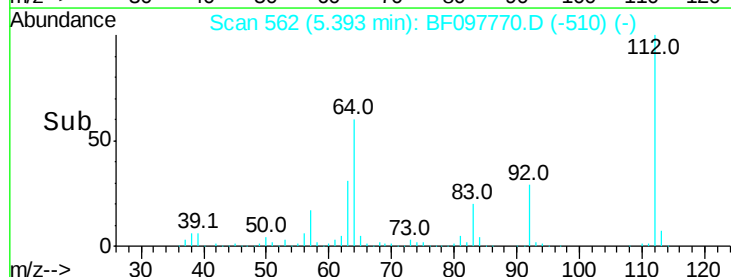
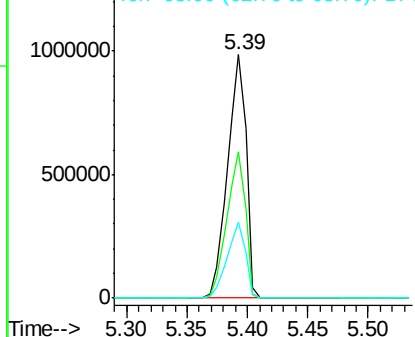
#5

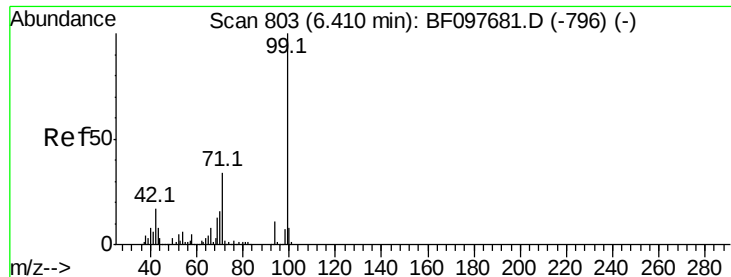
2-Fluorophenol  
Concen: 102.104 ng  
RT: 5.39 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: BF097770.D  
Acq: 17 Aug 2017 6:23

Tgt Ion:112 Resp: 1053085  
Ion Ratio Lower Upper  
112 100  
64 60.0 46.0 69.0  
63 30.9 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: 105.177 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP

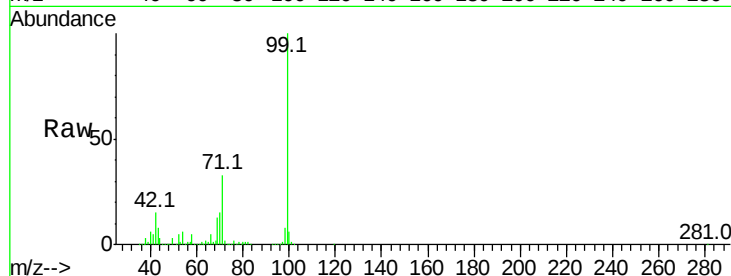
Tot Ion: 99 Resp: 1473913

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

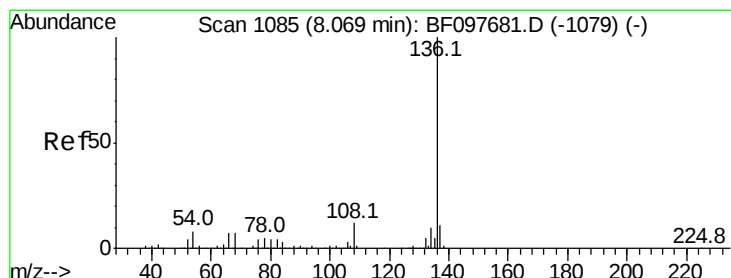
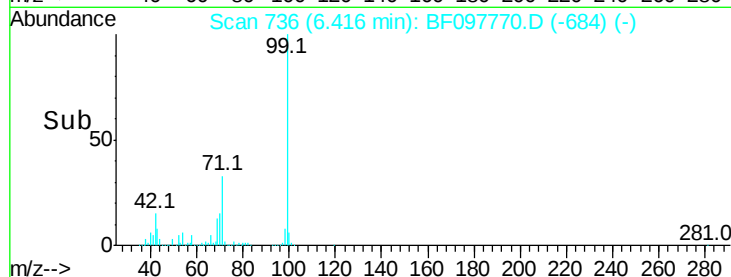
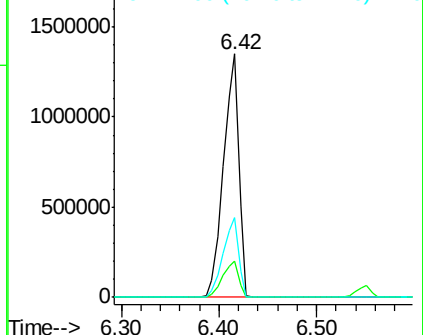
71 32.7 24.5 36.7



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: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Tgt Ion: 136 Resp: 593277

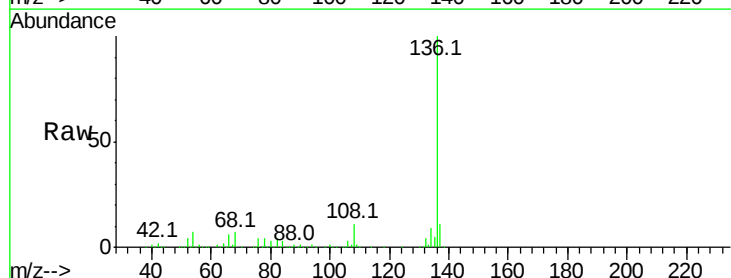
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 7.0 4.1 6.1#

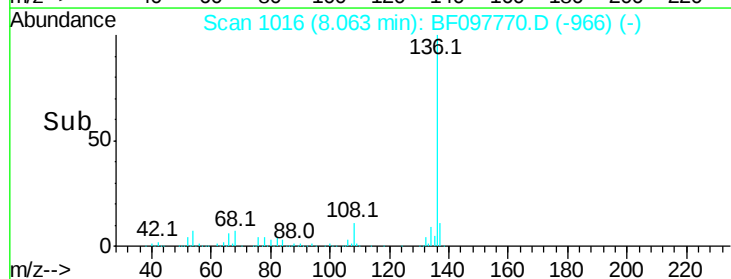
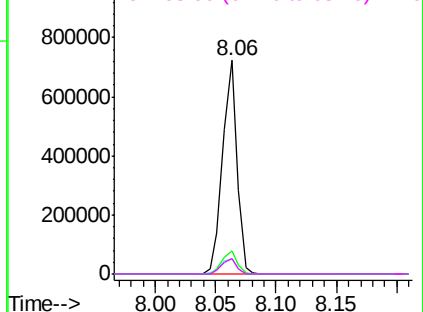


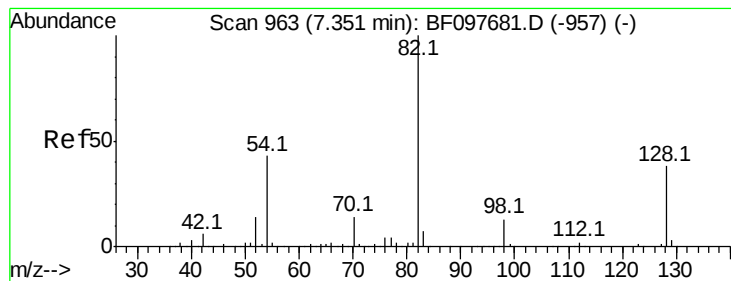
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.876 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP

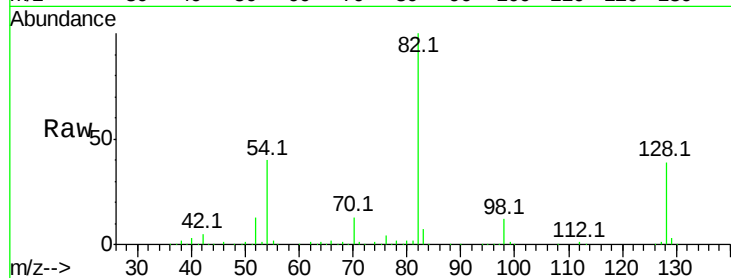
Tot Ion: 82 Resp: 916009

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

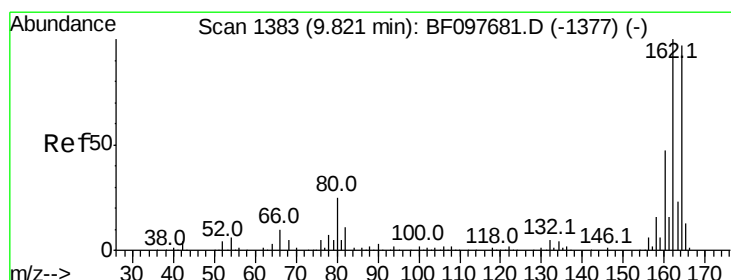
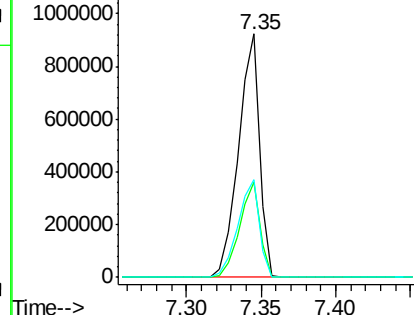
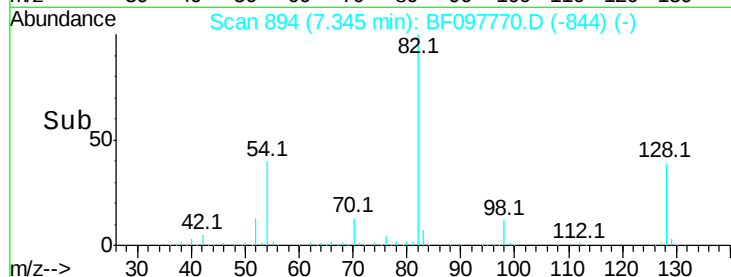
54 40.3 42.2 63.2#



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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

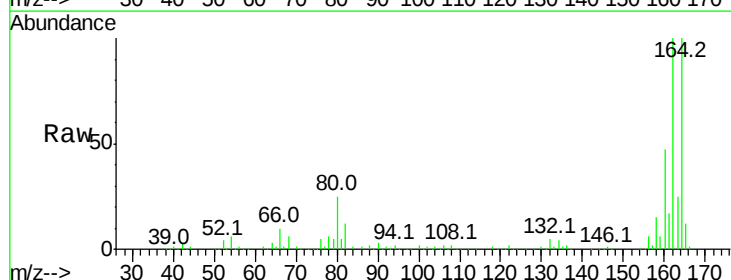
Tgt Ion:164 Resp: 242763

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

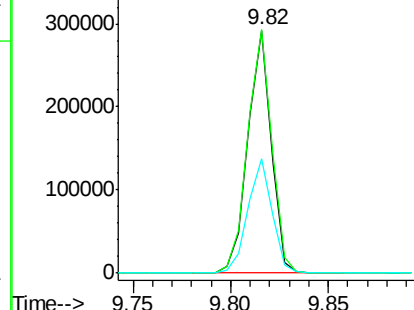
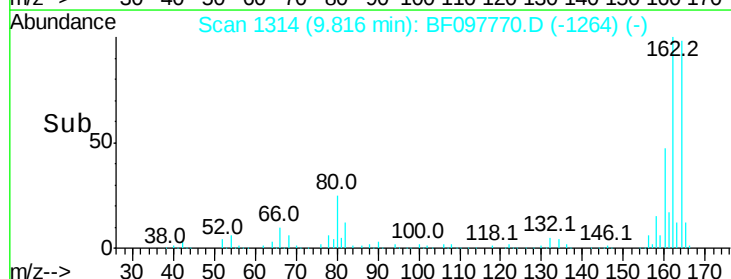
160 47.1 36.2 54.2

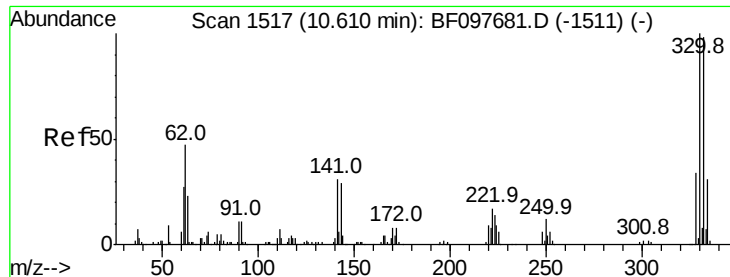


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

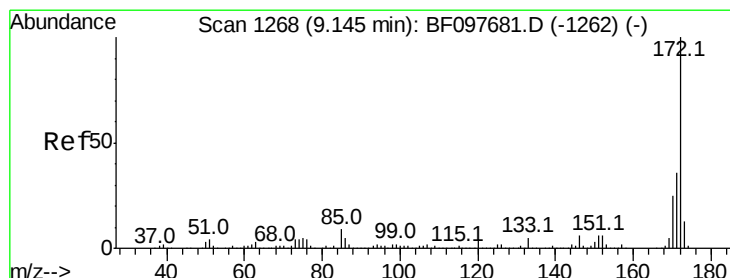
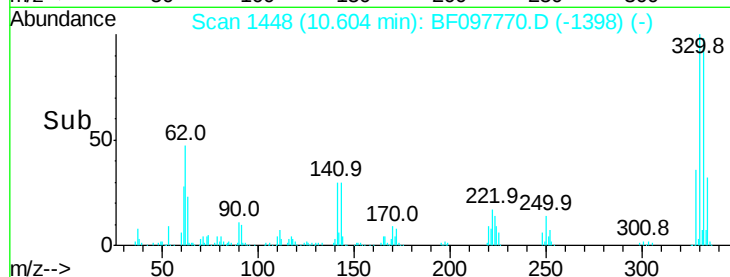
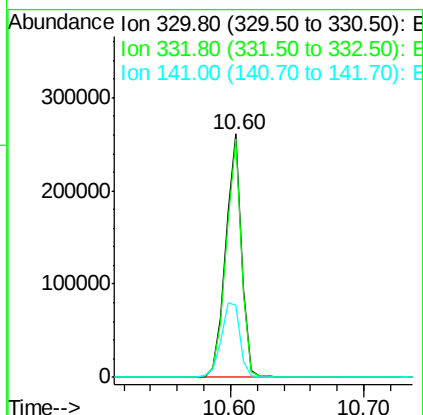
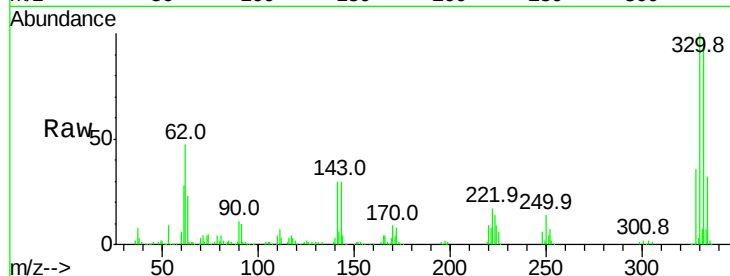




#41  
 2,4,6-Tribromophenol  
 Concen: 104.031 ng  
 RT: 10.60 min Scan# 1448  
 Delta R.T. -0.01 min  
 Lab File: BF097770.D  
 Acq: 17 Aug 2017 6:23

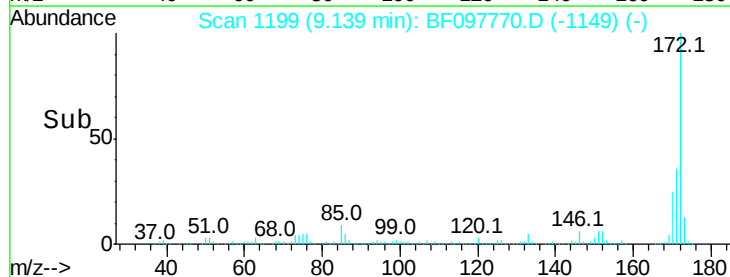
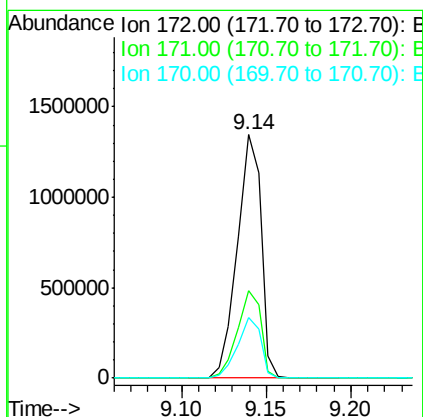
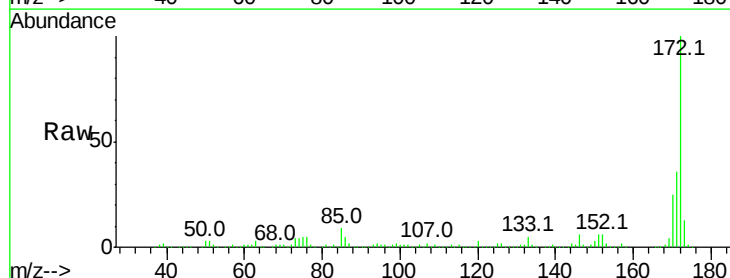
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-COMP

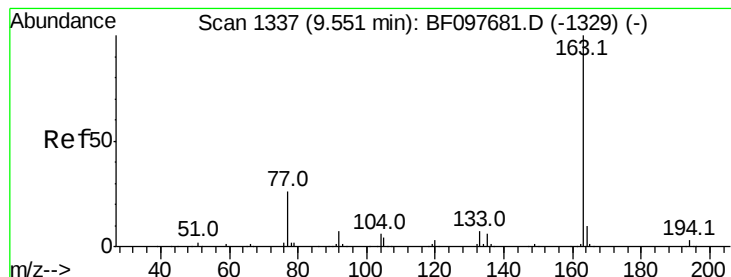
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 76.6  | 115.0 |
| 141     | 36.7  | 31.4  | 47.2  |



#44  
 2-Fluorobiphenyl  
 Concen: 80.275 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BF097770.D  
 Acq: 17 Aug 2017 6:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.6  | 44.4  |
| 170     | 24.8  | 19.8  | 29.8  |





#49

Dimethylphthalate

Concen: 15.593 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP

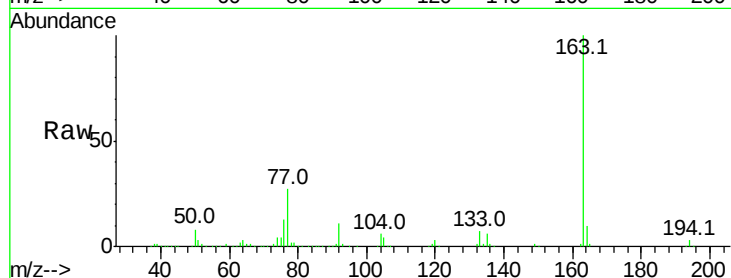
Tot Ion:163 Resp: 276708

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

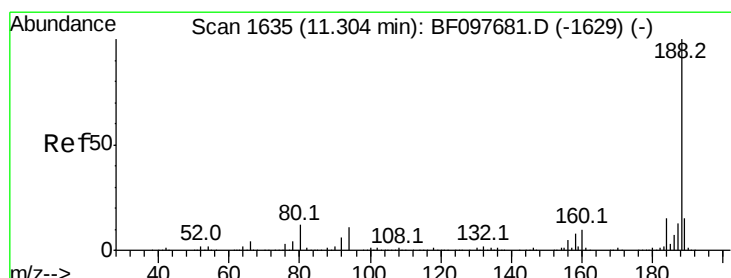
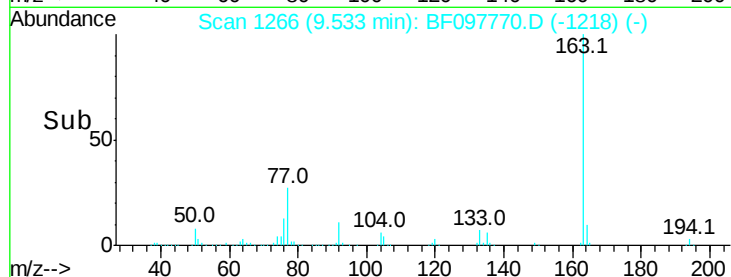
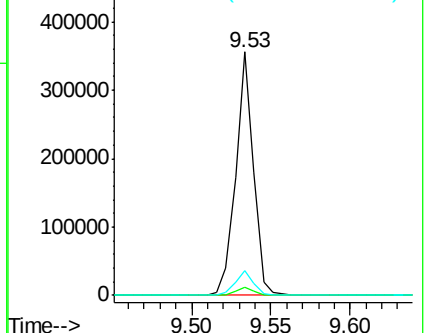
164 10.3 8.4 12.6



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: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

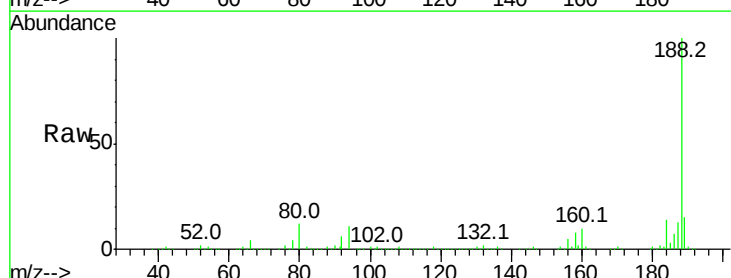
Tgt Ion:188 Resp: 364446

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

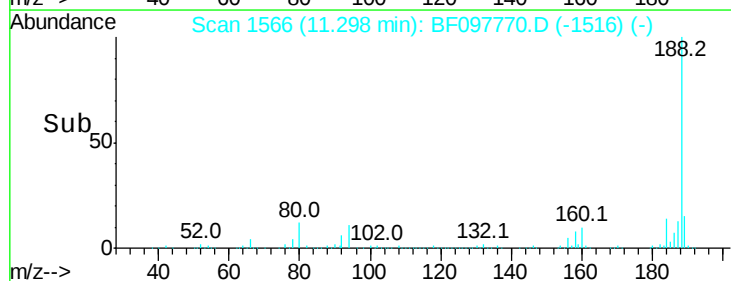
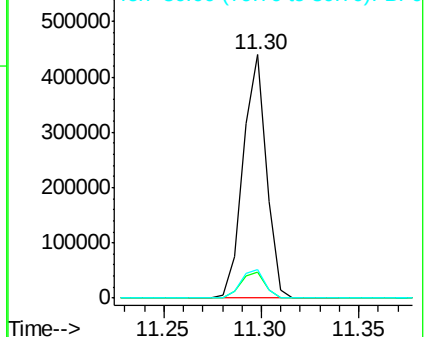
80 11.9 10.2 15.2

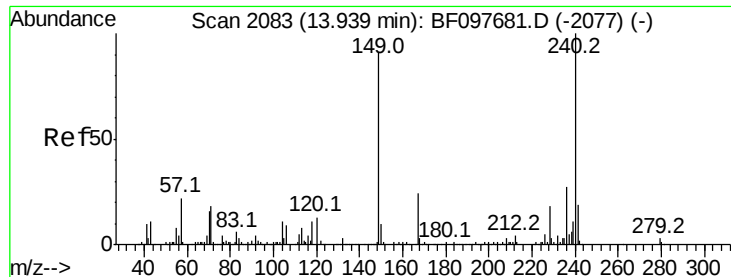


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA\_F

ClientSampleId :

SB-02-COMP

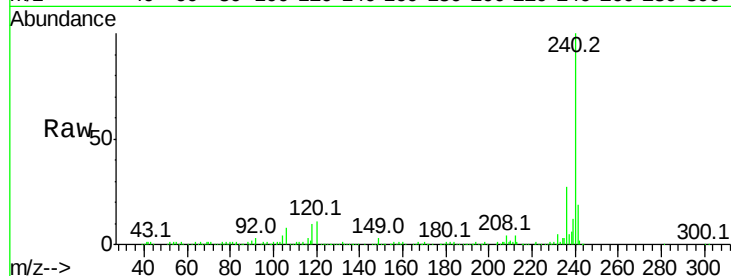
Tot Ion:240 Resp: 289840

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

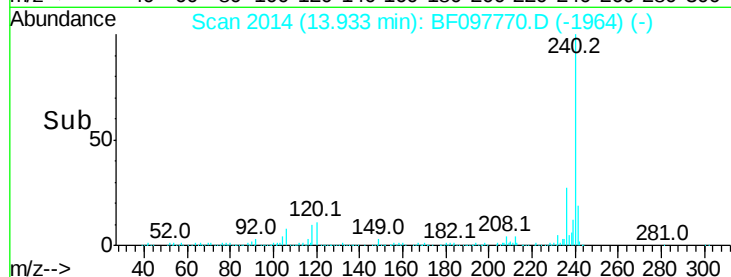
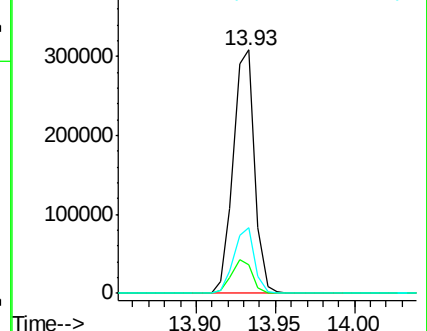
236 27.1 20.5 30.7



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



#78

Terphenyl-d14

Concen: 53.572 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

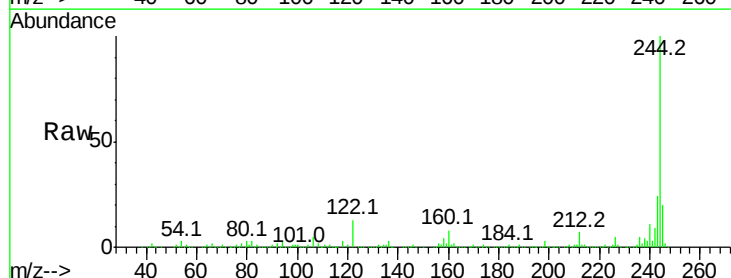
Tgt Ion:244 Resp: 744597

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

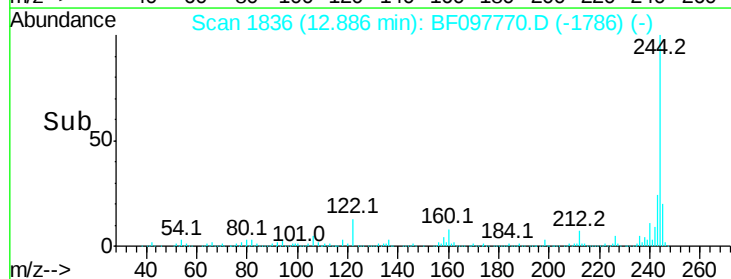
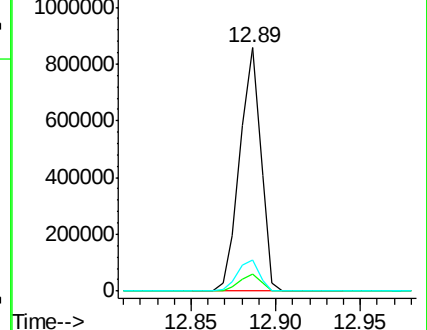
122 13.0 10.3 15.5

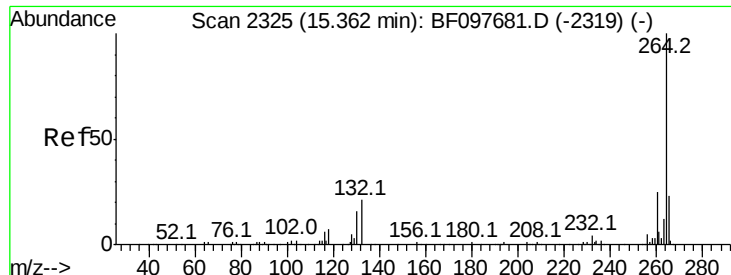


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

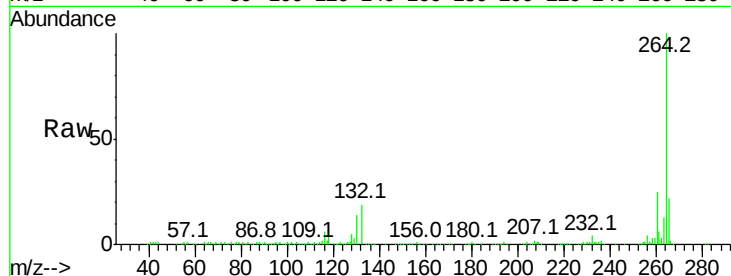




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.36 min Scan# 2257  
 Delta R.T. 0.00 min  
 Lab File: BF097770.D  
 Acq: 17 Aug 2017 6:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.5  | 29.3  |
| 265     | 22.2  | 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

