

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\  
 Data File : BF095662.D  
 Acq On : 3 Jun 2017 7:33  
 Operator : SJ/MA  
 Sample : I3436-10  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

Quant Time: Jun 05 06:51:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 18:51:16 2017  
 Response via : Initial Calibration

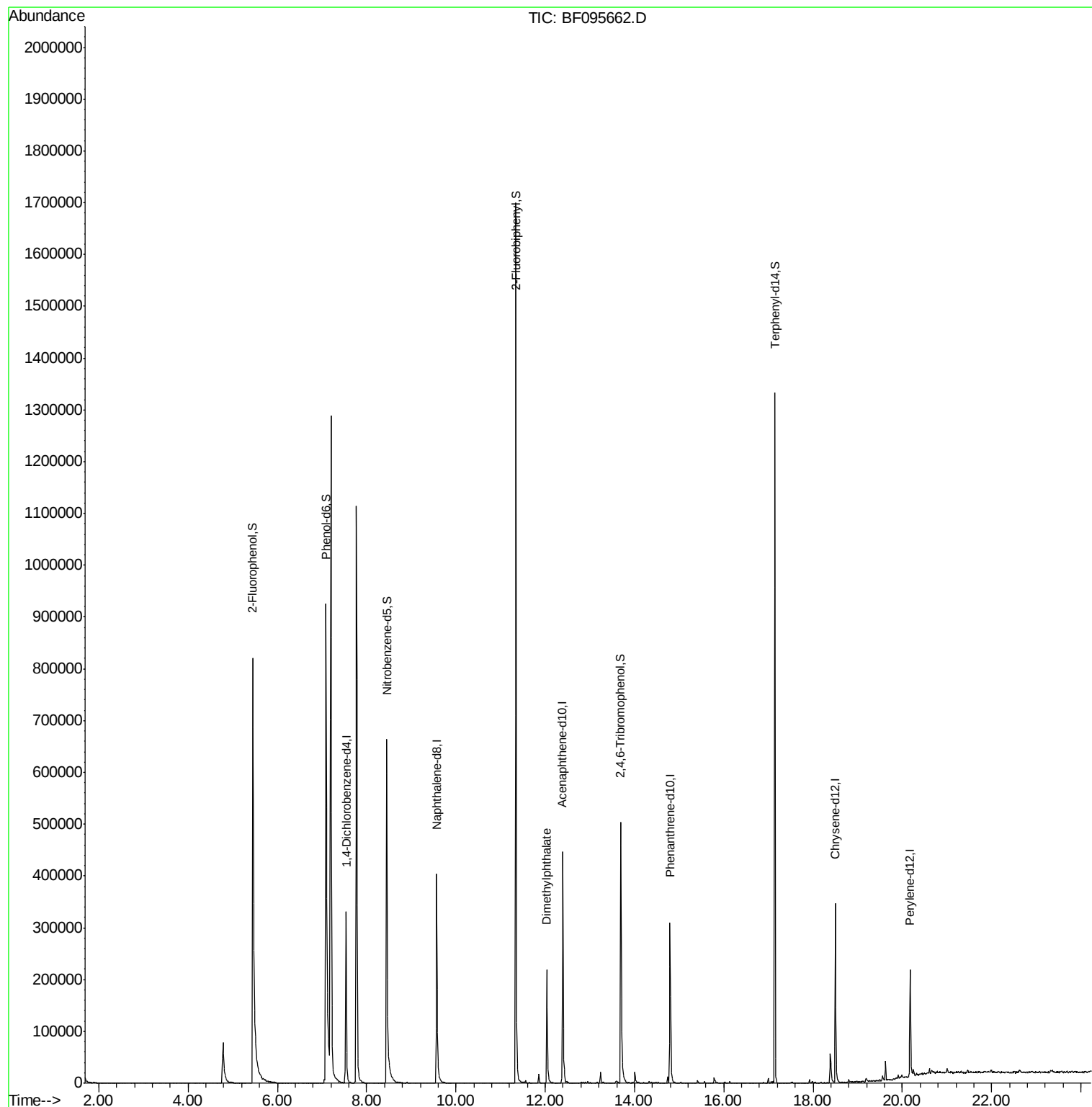
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.54  | 152  | 83840    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 9.57  | 136  | 326767   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 12.39 | 164  | 133011   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 14.80 | 188  | 194747   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 18.50 | 240  | 165987   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 20.17 | 264  | 109740   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.45  | 112  | 559696   | 111.30 | ng    | 0.00         |
| 7) Phenol-d6                | 7.09  | 99   | 701605   | 116.28 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 8.45  | 82   | 385443   | 74.38  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 13.70 | 330  | 101981   | 93.62  | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 11.34 | 172  | 759277   | 82.16  | ng    | 0.00         |
| 78) Terphenyl-d14           | 17.14 | 244  | 486226   | 64.52  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 12.04 | 163  | 160740   | 14.72  | ng    | Qvalue<br>98 |

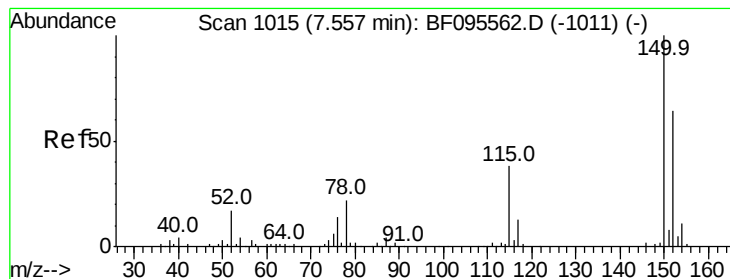
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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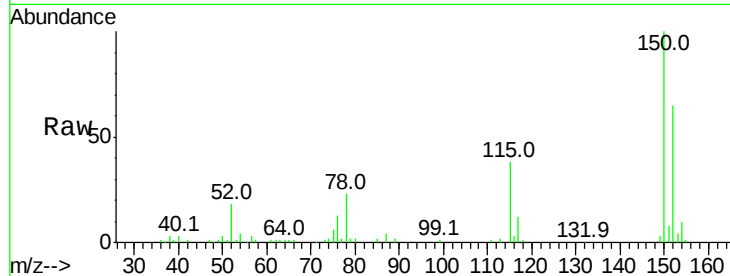




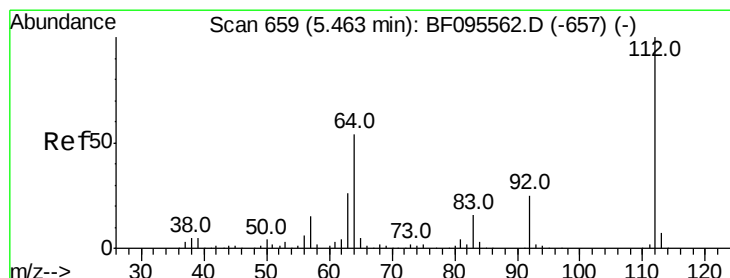
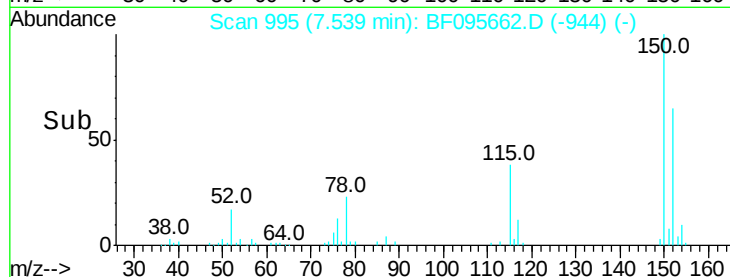
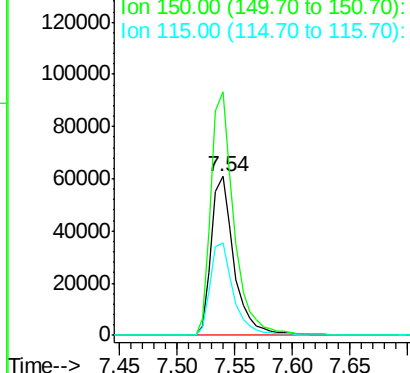
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.54 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

Tot Ion:152 Resp: 83840  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 126.2 189.2  
 115 58.7 52.2 78.2

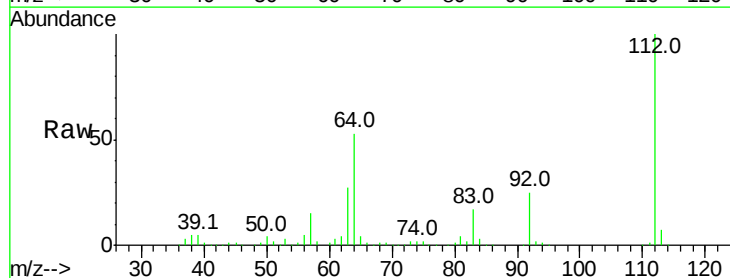


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

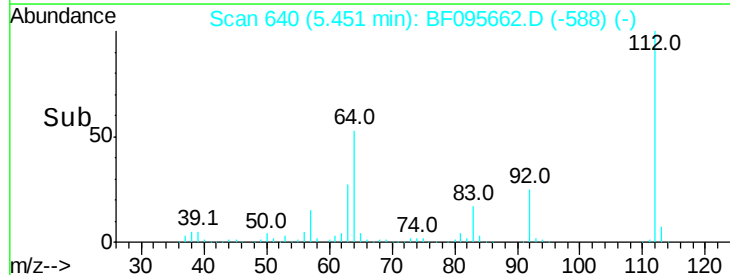
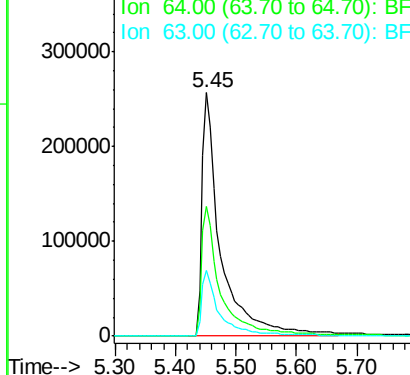


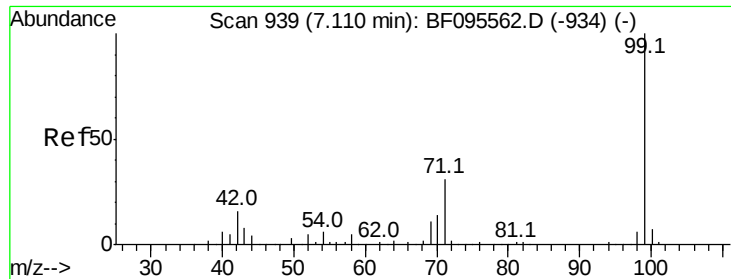
#5  
 2-Fluorophenol  
 Concen: 111.30 ng  
 RT: 5.45 min Scan# 640  
 Delta R.T. 0.01 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

Tgt Ion:112 Resp: 559696  
 Ion Ratio Lower Upper  
 112 100  
 64 53.5 46.0 69.0  
 63 27.1 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: 116.28 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA\_F

ClientSampleId :

SB-10-COMP

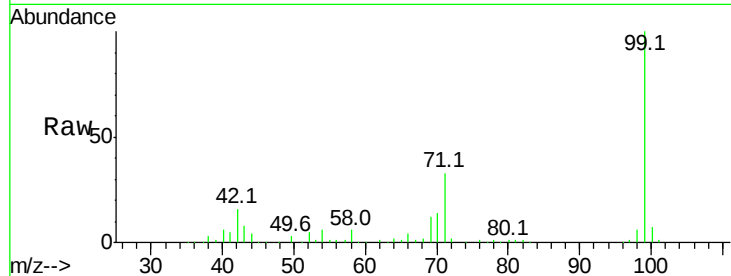
Tot Ion: 99 Resp: 701605

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

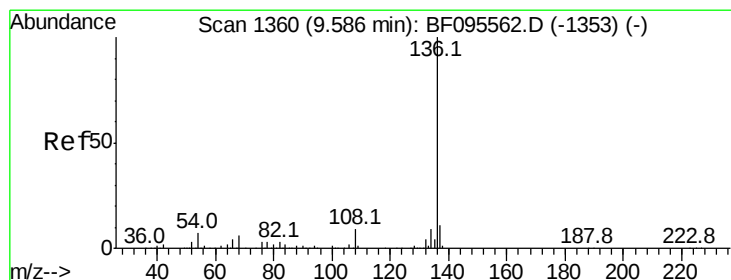
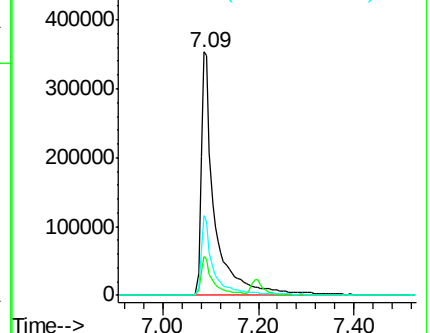
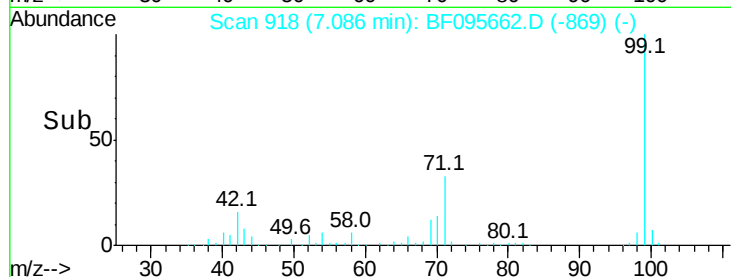
71 32.6 24.5 36.7



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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Tgt Ion:136 Resp: 326767

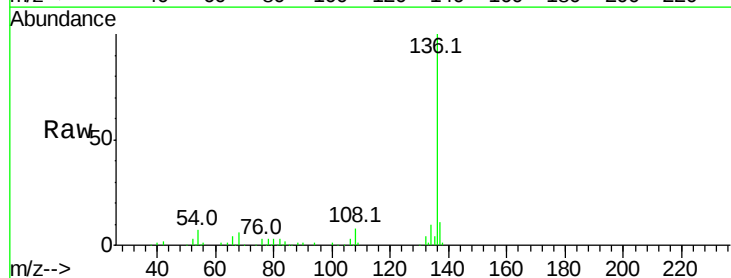
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

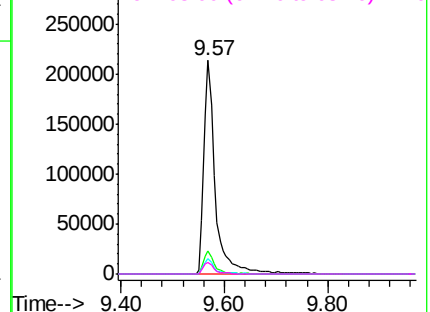
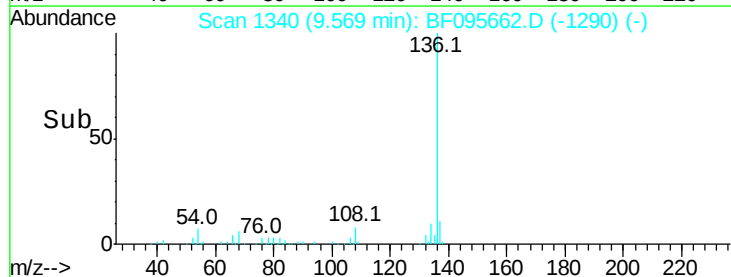


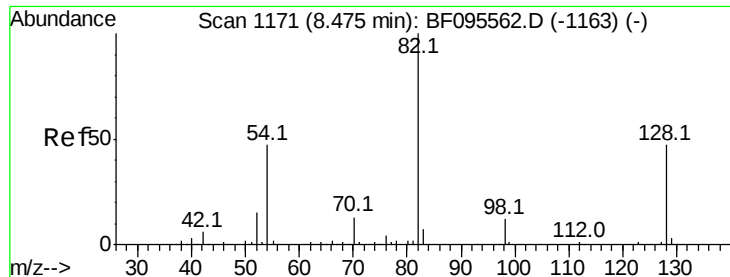
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.38 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA\_F

ClientSampleId :

SB-10-COMP

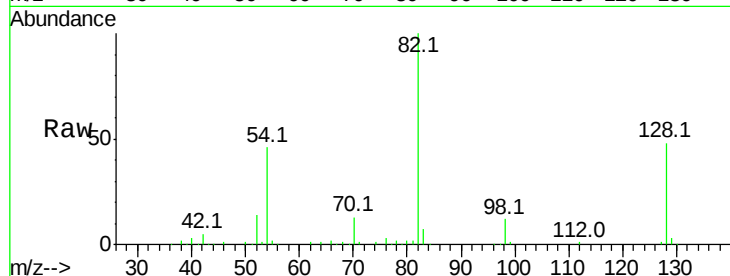
Tot Ion: 82 Resp: 385443

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

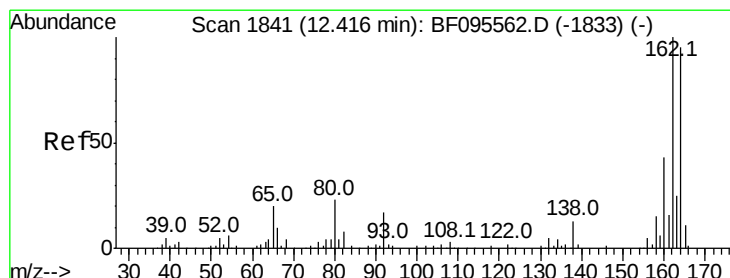
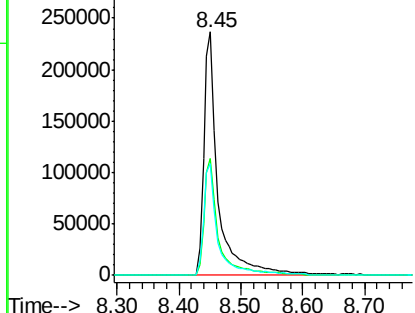
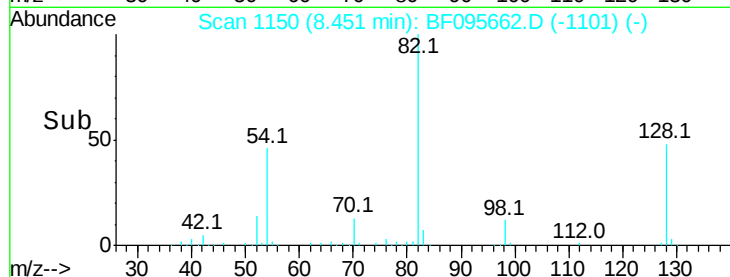
54 46.0 42.2 63.2



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: 20.00 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

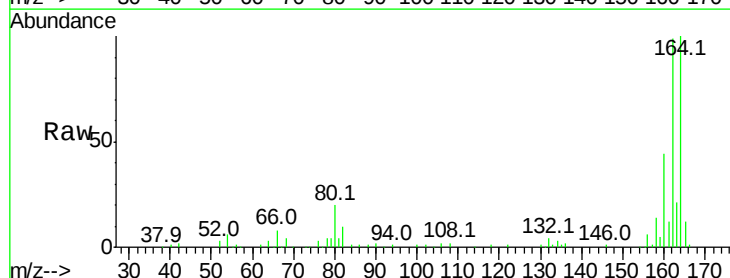
Tgt Ion:164 Resp: 133011

Ion Ratio Lower Upper

164 100

162 98.9 82.6 123.8

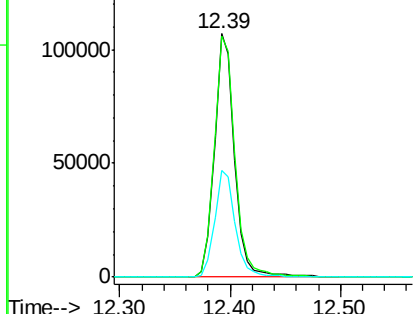
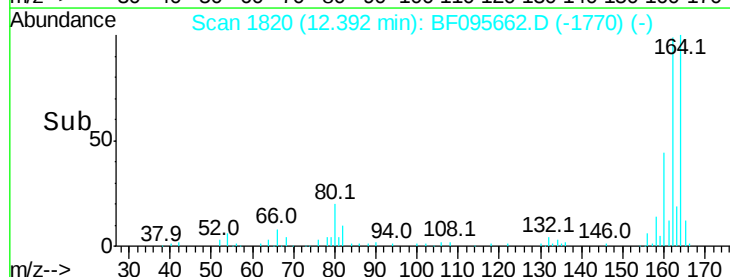
160 43.6 36.2 54.2

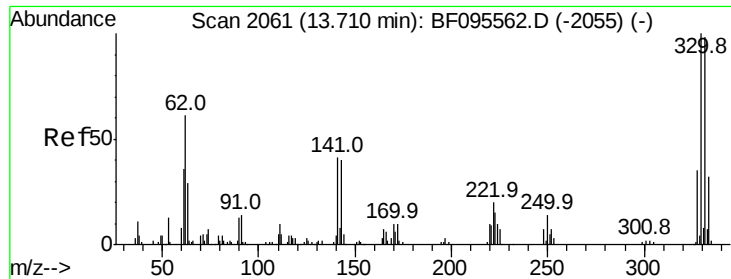


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

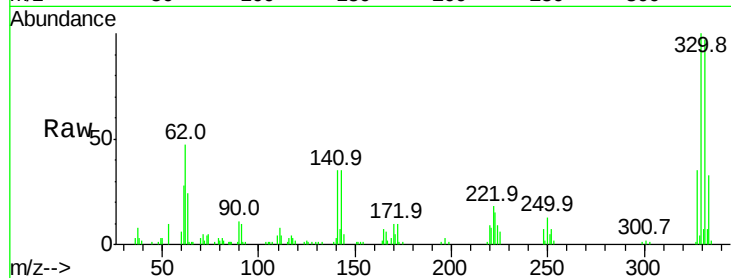




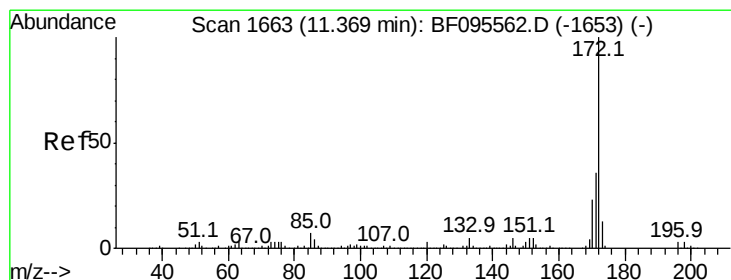
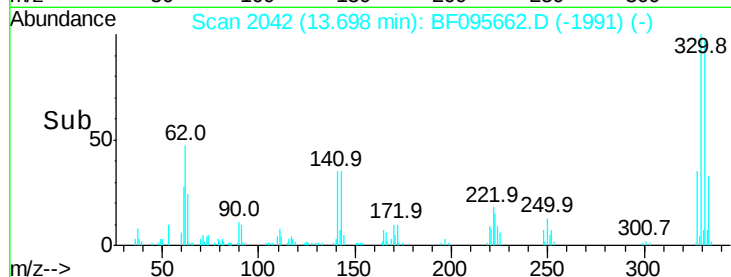
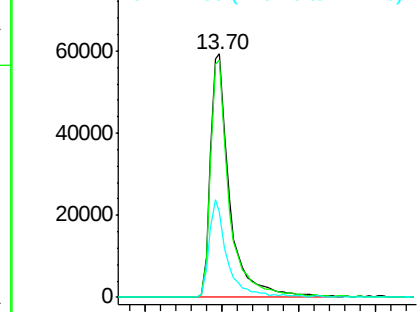
#41  
 2,4,6-Tribromophenol  
 Concen: 93.62 ng  
 RT: 13.70 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

Tot Ion:330 Resp: 101981  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 76.6 115.0  
 141 38.1 31.4 47.2

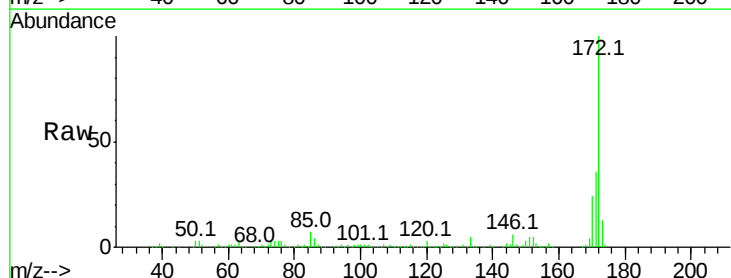


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

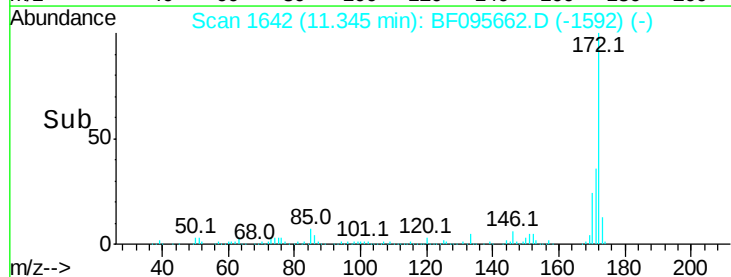
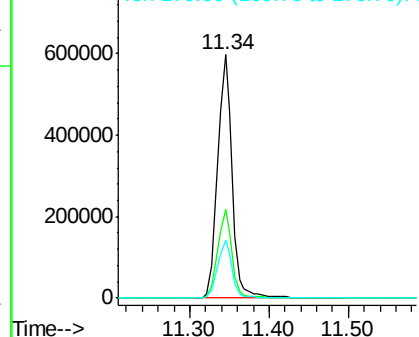


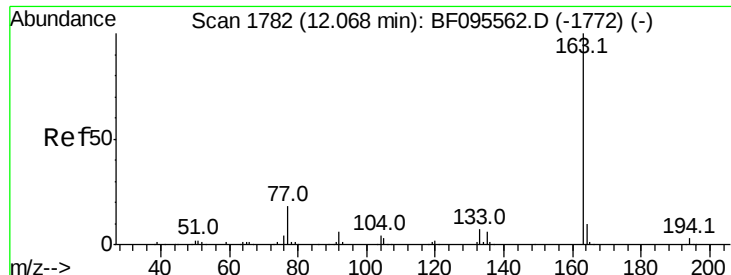
#44  
 2-Fluorobiphenyl  
 Concen: 82.16 ng  
 RT: 11.34 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

Tgt Ion:172 Resp: 759277  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.6 44.4  
 170 23.8 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: 14.72 ng

RT: 12.04 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF095562.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA\_F

ClientSampleId :

SB-10-COMP

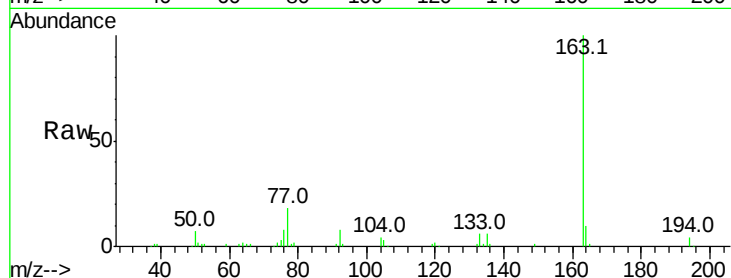
Tot Ion:163 Resp: 160740

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

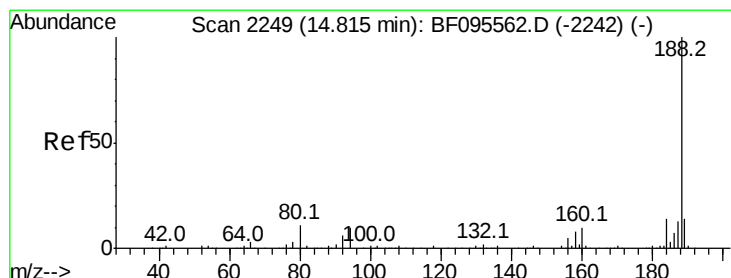
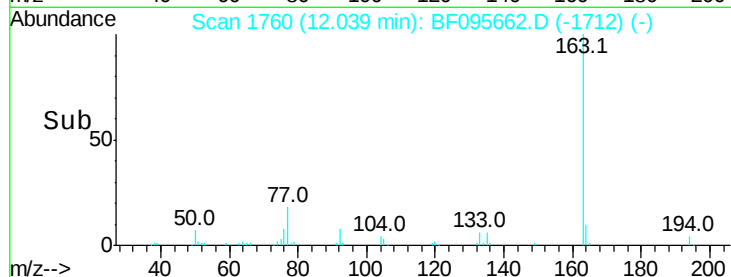
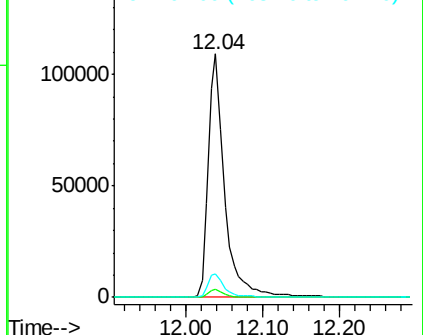
164 9.7 8.4 12.6



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: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095562.D

Acq: 3 Jun 2017 7:33

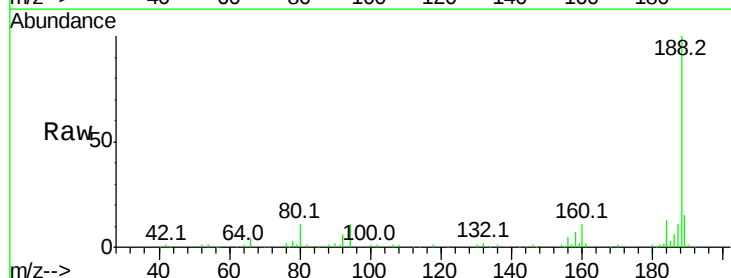
Tgt Ion:188 Resp: 194747

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

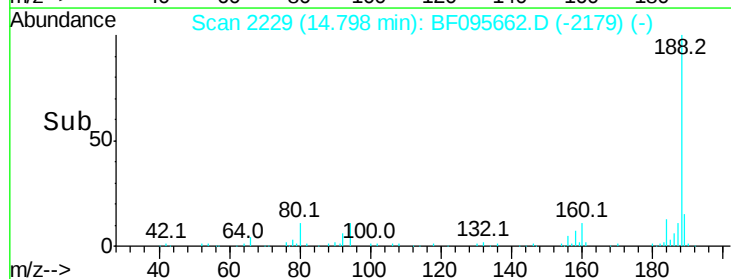
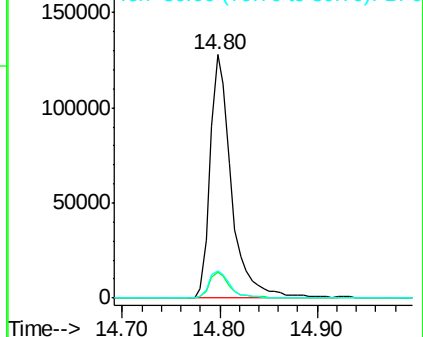
80 11.2 10.2 15.2

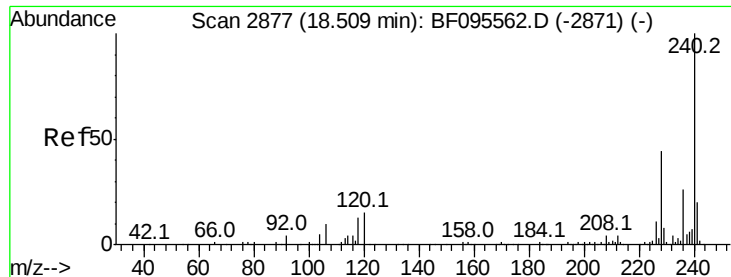


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

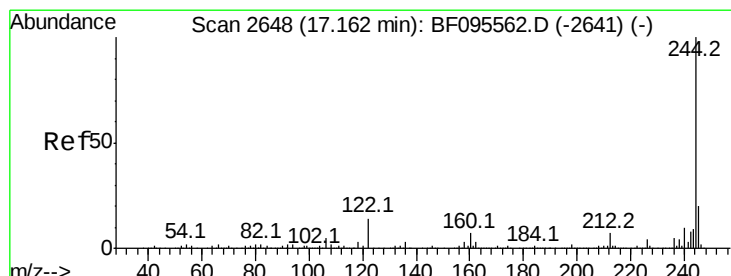
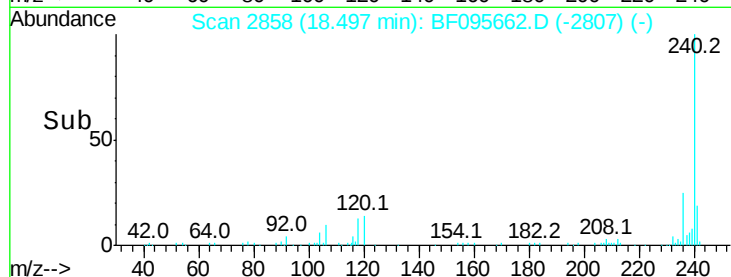
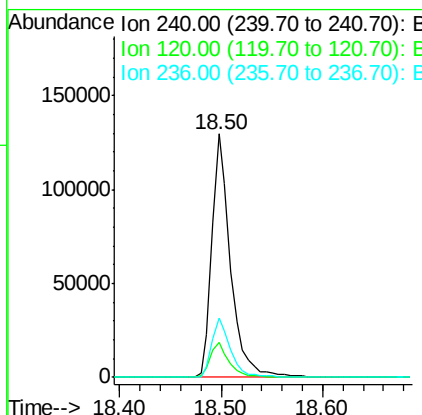
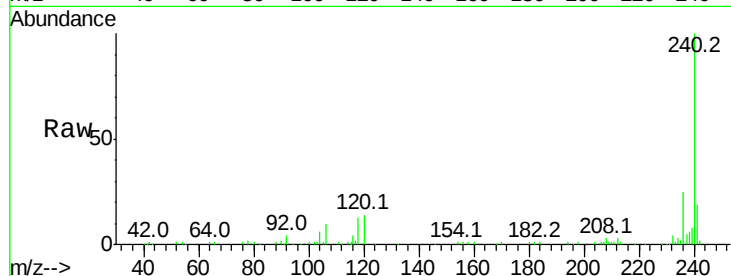




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.50 min Scan# 2858  
 Delta R.T. -0.00 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

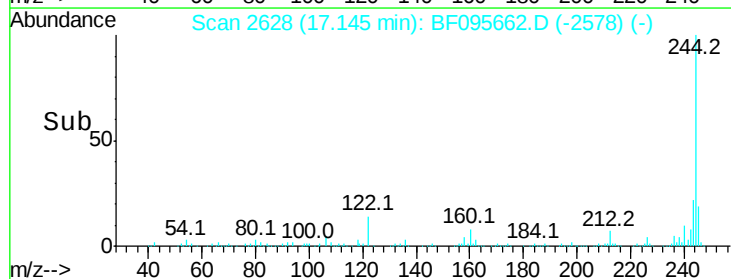
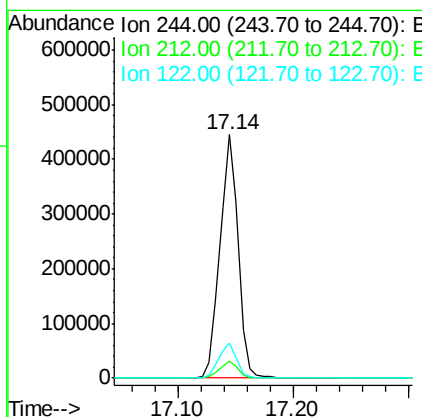
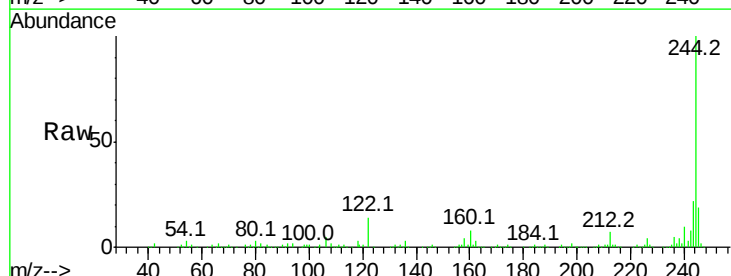
Instrument :  
 BNA\_F  
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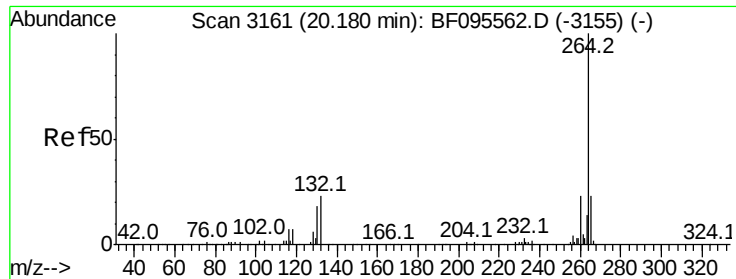
Tot Ion:240 Resp: 165987  
 Ion Ratio Lower Upper  
 240 100  
 120 14.2 5.8 8.8#  
 236 24.6 20.5 30.7



#78  
 Terphenyl-d14  
 Concen: 64.52 ng  
 RT: 17.14 min Scan# 2628  
 Delta R.T. -0.01 min  
 Lab File: BF095662.D  
 Acq: 3 Jun 2017 7:33

Tgt Ion:244 Resp: 486226  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.0 9.0  
 122 14.4 10.3 15.5





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 20.17 min Scan# 3143  
Delta R.T. 0.01 min  
Lab File: BF095662.D  
Acq: 3 Jun 2017 7:33

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.5  | 29.3  |
| 265     | 22.6  | 17.2  | 25.8  |

