

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\  
 Data File : BF098601.D  
 Acq On : 18 Sep 2017 14:45  
 Operator : SJ/JU  
 Sample : I5252-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-COMP

Quant Time: Sep 19 05:55:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 18 13:37:24 2017  
 Response via : Initial Calibration

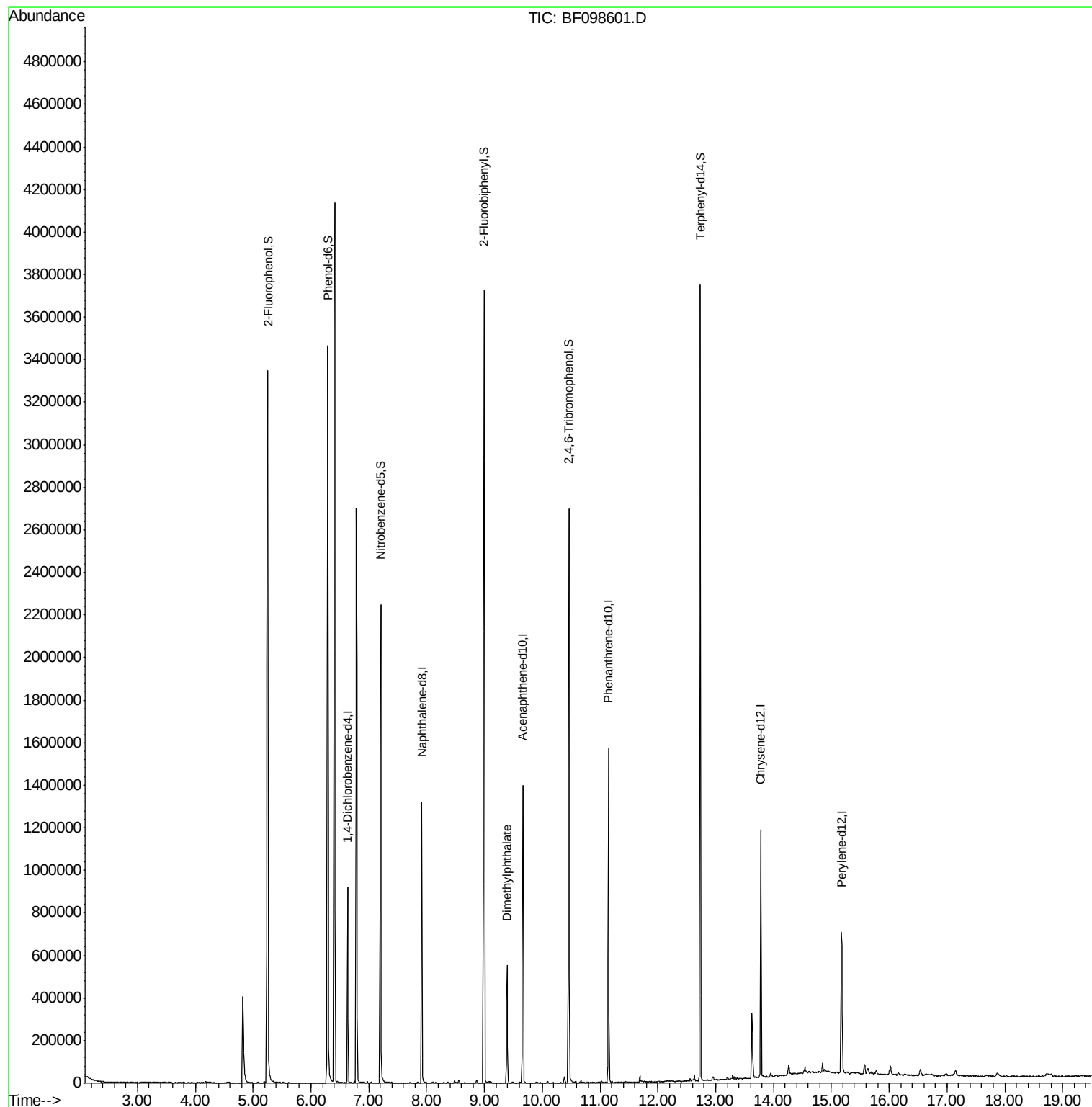
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.63  | 152  | 132188   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.92  | 136  | 566725   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.66  | 164  | 293852   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.14 | 188  | 570667   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 13.78 | 240  | 371595   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.17 | 264  | 275087   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.25  | 112  | 1023031  | 114.43 | ng    | 0.01      |
| 7) Phenol-d6                | 6.29  | 99   | 1270769  | 111.95 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.20  | 82   | 800240   | 78.72  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.46 | 330  | 311009   | 158.58 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 8.99  | 172  | 1224867  | 70.65  | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.73 | 244  | 1233023  | 71.62  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.39  | 163  | 199827   | 8.785  | ng    | Qvalue 99 |

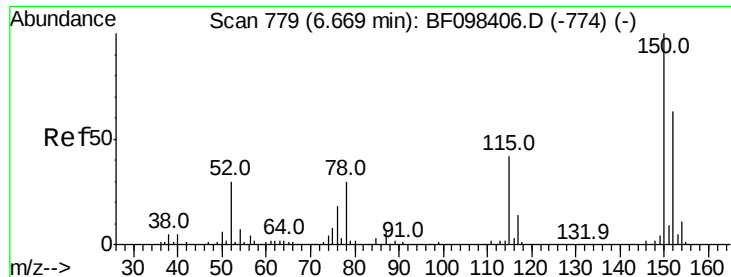
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 18 13:37:24 2017  
Response via : Initial Calibration



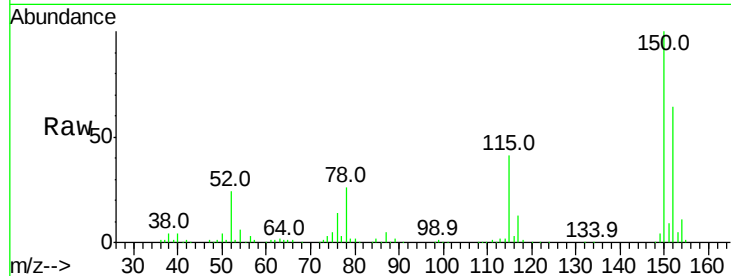


#1

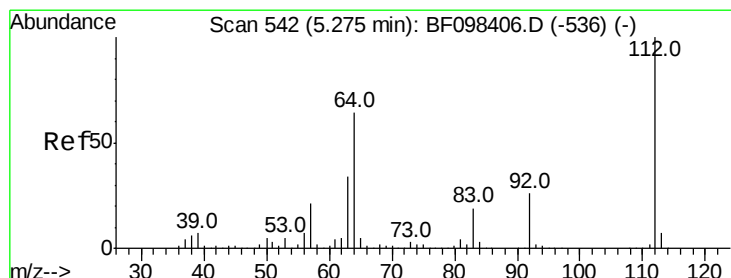
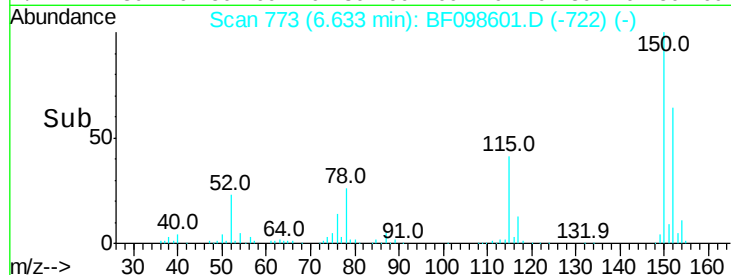
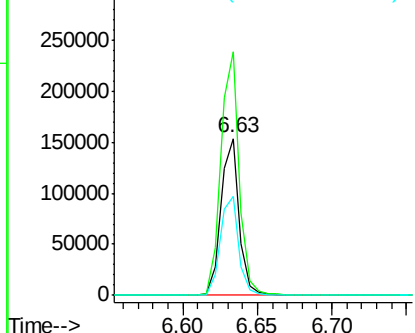
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.00 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1-COMP

Tot Ion:152 Resp: 132188  
Ion Ratio Lower Upper  
152 100  
150 155.1 126.2 189.2  
115 63.0 52.2 78.2



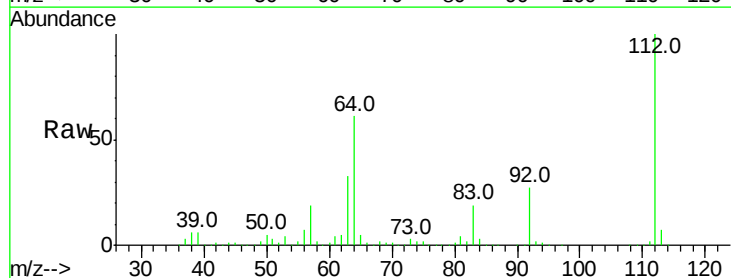
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



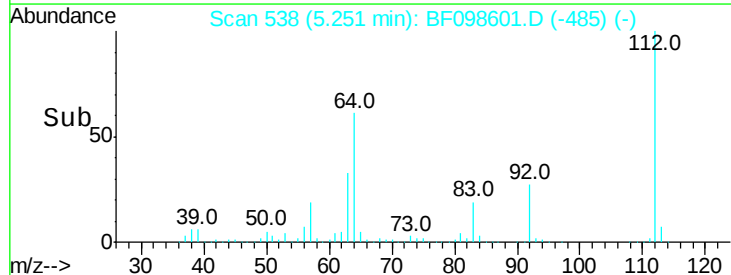
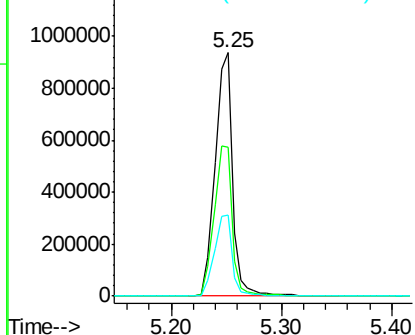
#5

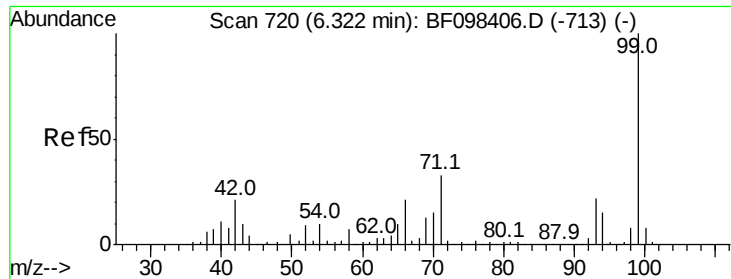
2-Fluorophenol  
Concen: 114.426 ng  
RT: 5.25 min Scan# 538  
Delta R.T. 0.01 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Tgt Ion:112 Resp: 1023031  
Ion Ratio Lower Upper  
112 100  
64 61.2 46.0 69.0  
63 33.1 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: 111.947 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Instrument :

BNA\_F

ClientSampleId :

TP-1-COMP

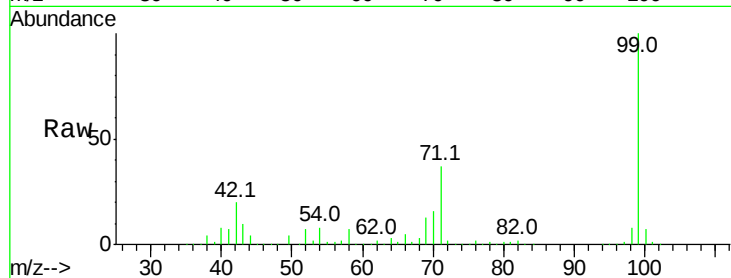
Tot Ion: 99 Resp: 1270769

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

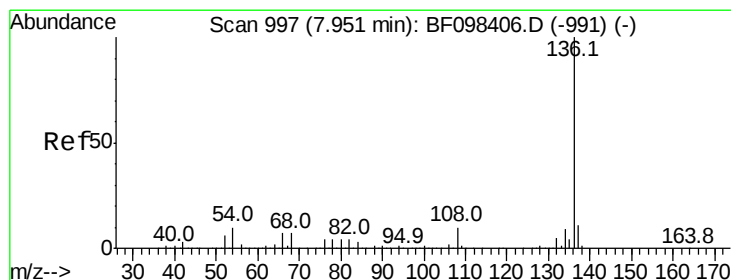
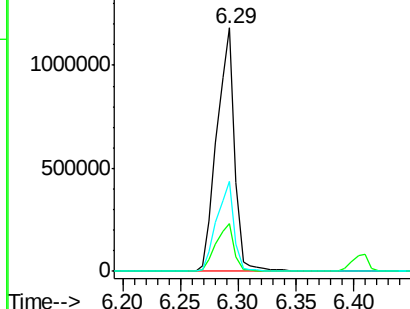
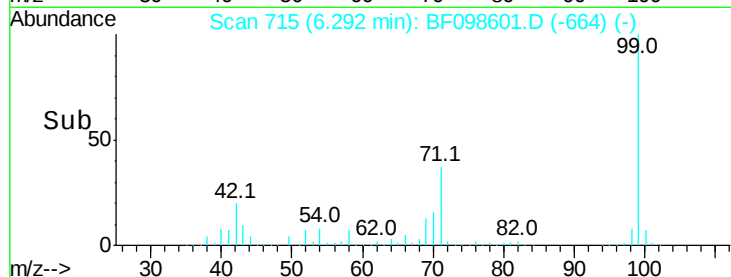
71 37.1 24.5 36.7#



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: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Tgt Ion: 136 Resp: 566725

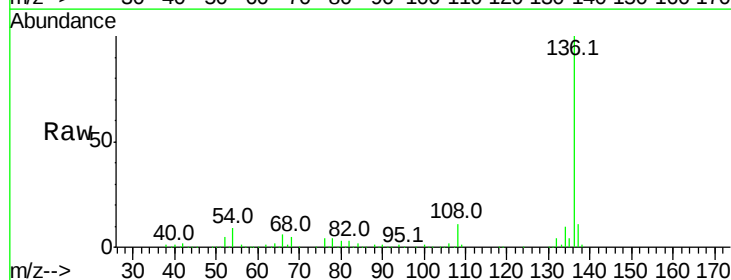
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.2 4.9 7.3#

68 5.3 4.1 6.1

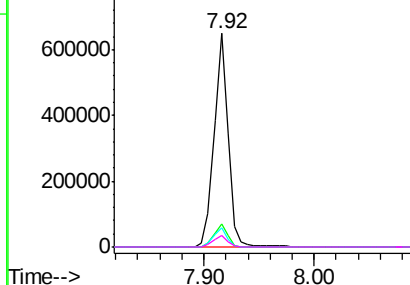
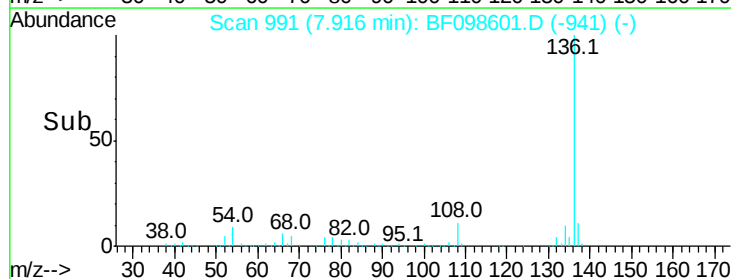


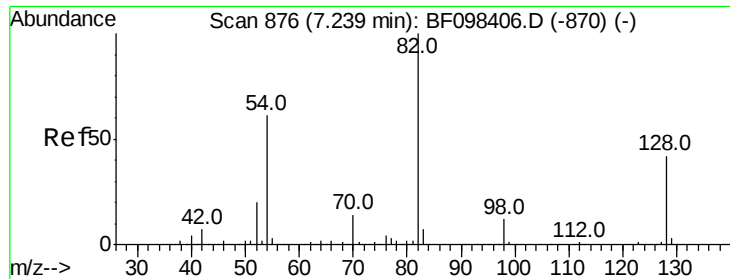
Abundance Ion 136.00 (135.70 to 136.70): E

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

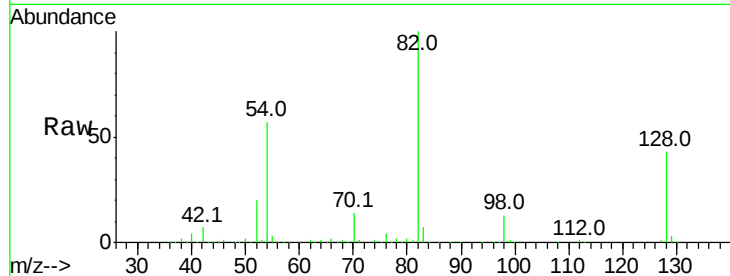




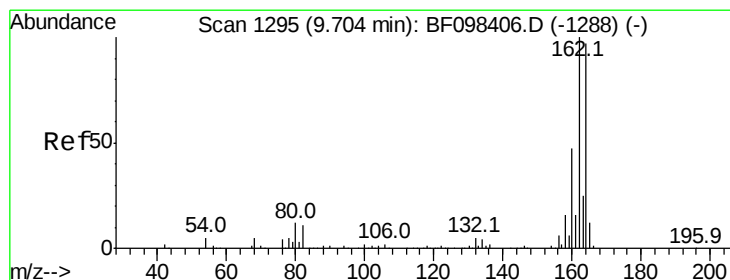
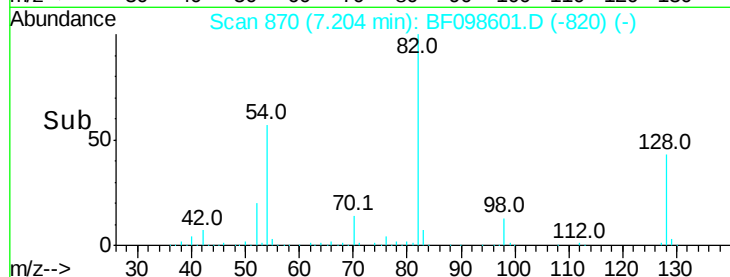
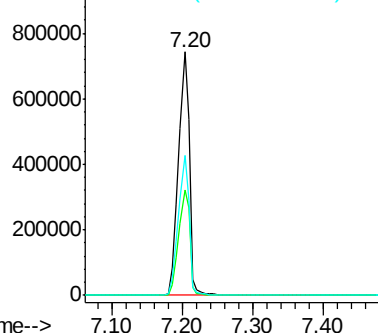
#23  
Nitrobenzene-d5  
Concen: 78.721 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1-COMP

Tot Ion: 82 Resp: 800240  
Ion Ratio Lower Upper  
82 100  
128 43.2 34.0 51.0  
54 57.4 42.2 63.2

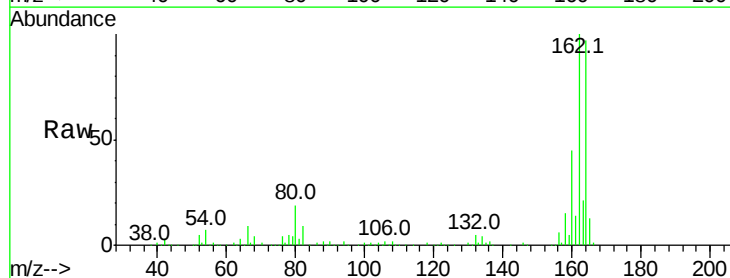


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

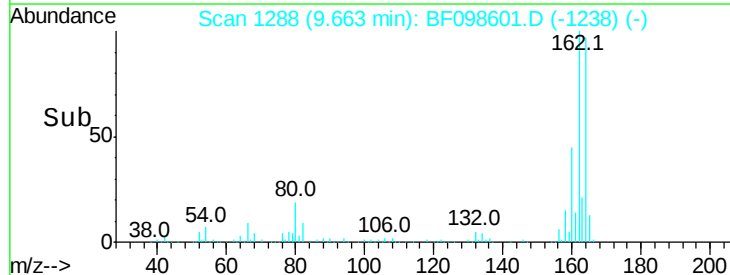
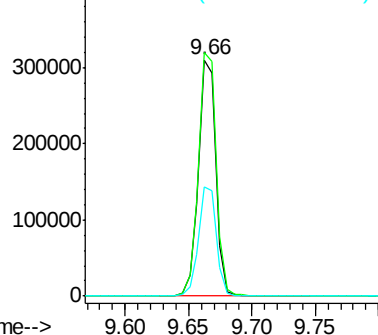


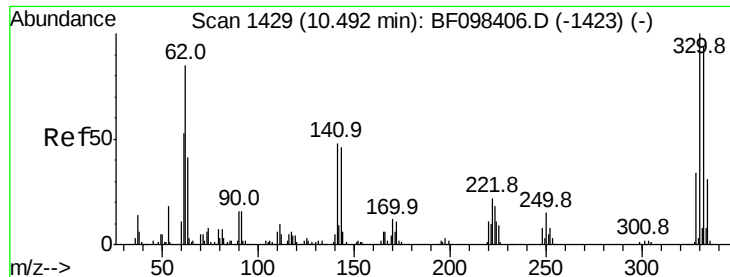
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Tgt Ion:164 Resp: 293852  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.6 123.8  
160 46.2 36.2 54.2



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

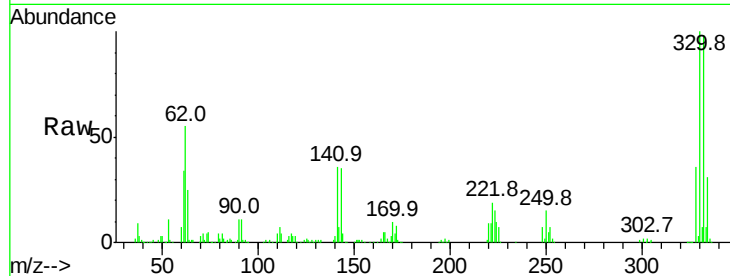




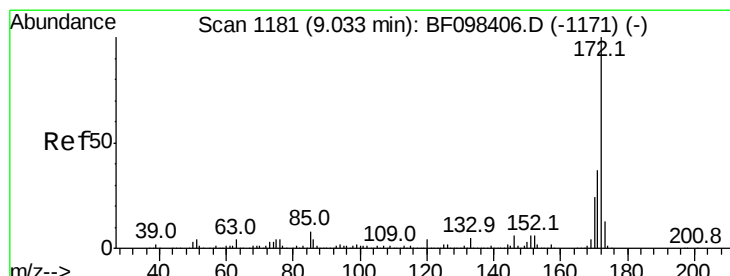
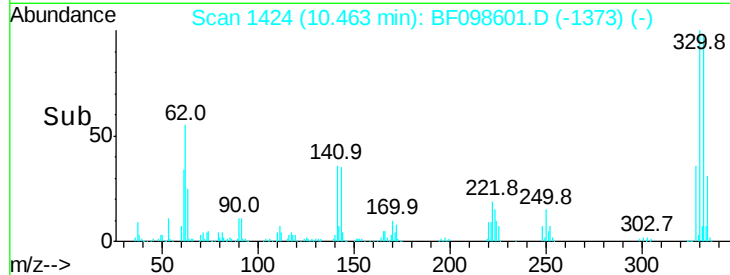
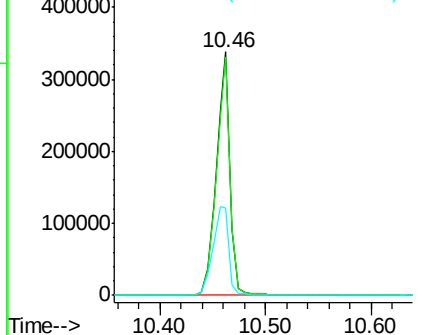
#41  
 2,4,6-Tribromophenol  
 Concen: 158.579 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. -0.00 min  
 Lab File: BF098601.D  
 Acq: 18 Sep 2017 14:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-COMP

Tot Ion:330 Resp: 311009  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 76.6 115.0  
 141 42.7 31.4 47.2

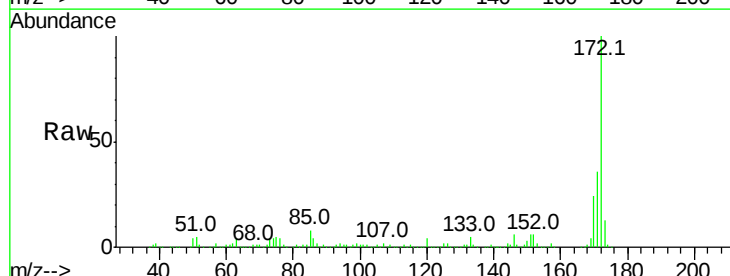


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

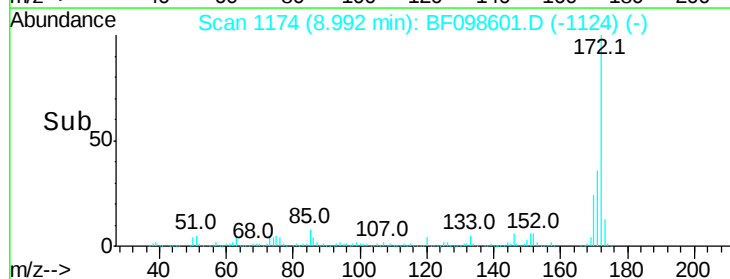
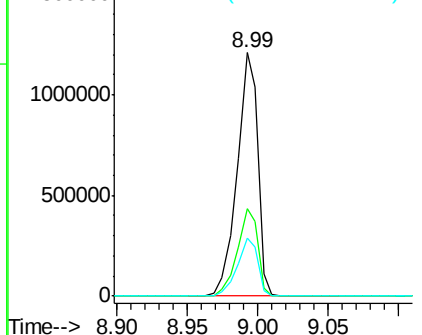


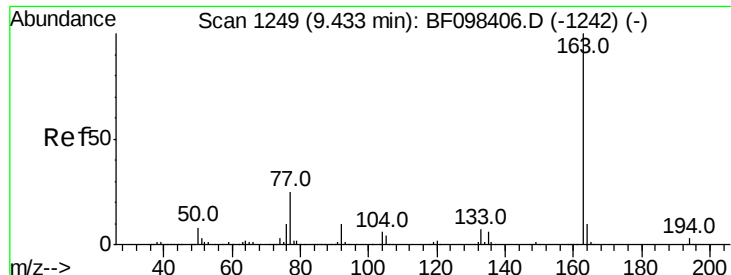
#44  
 2-Fluorobiphenyl  
 Concen: 70.649 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BF098601.D  
 Acq: 18 Sep 2017 14:45

Tgt Ion:172 Resp: 1224867  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 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

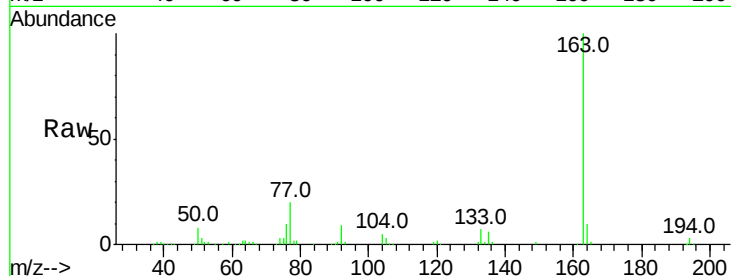




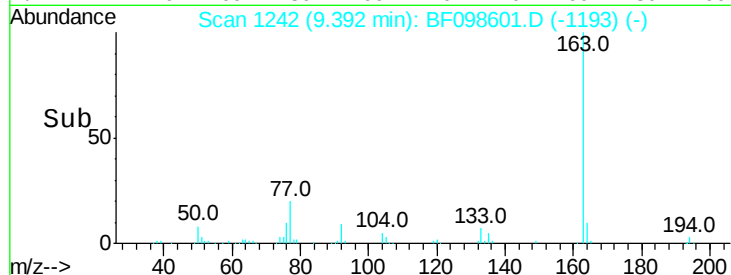
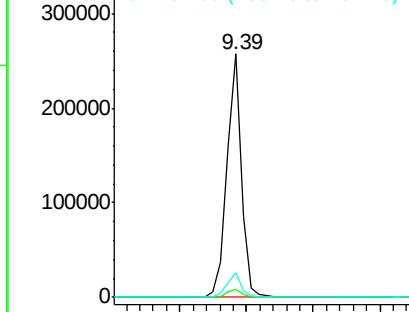
#49  
Dimethylphthalate  
Concen: 8.785 ng  
RT: 9.39 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Instrument :  
BNA\_F  
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TP-1-COMP

Tot Ion:163 Resp: 199827  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.6 4.0  
164 10.1 8.4 12.6

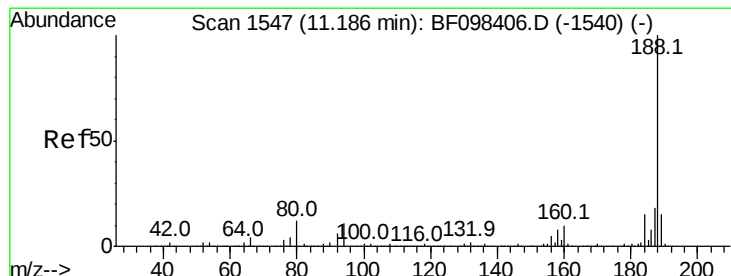


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

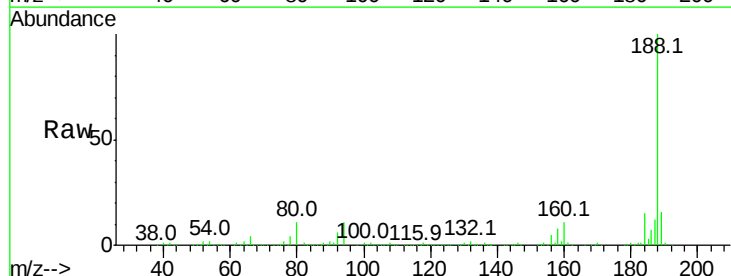
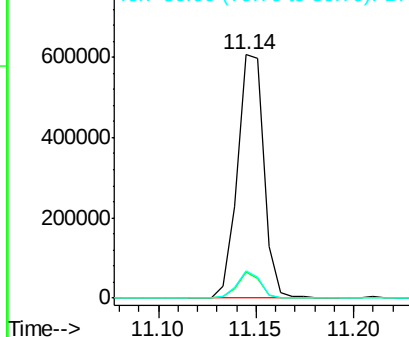


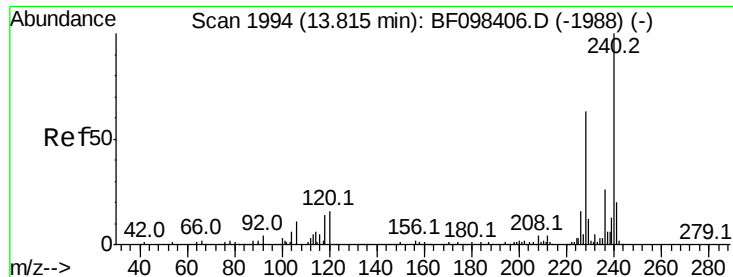
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.14 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: BF098601.D  
Acq: 18 Sep 2017 14:45

Tgt Ion:188 Resp: 570667  
Ion Ratio Lower Upper  
188 100  
94 10.6 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: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Instrument :

BNA\_F

ClientSampleId :

TP-1-COMP

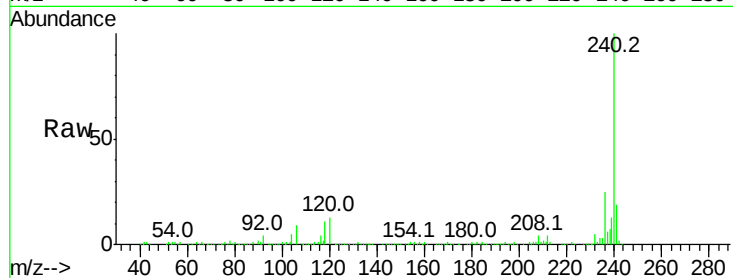
Tot Ion:240 Resp: 371595

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

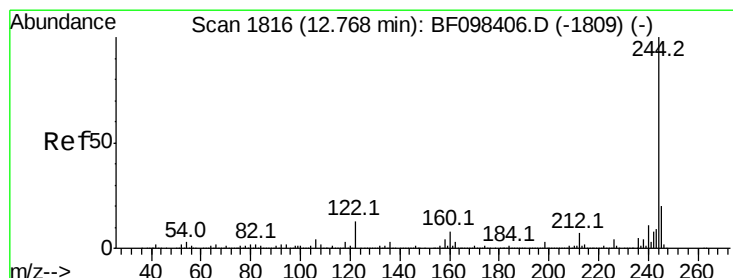
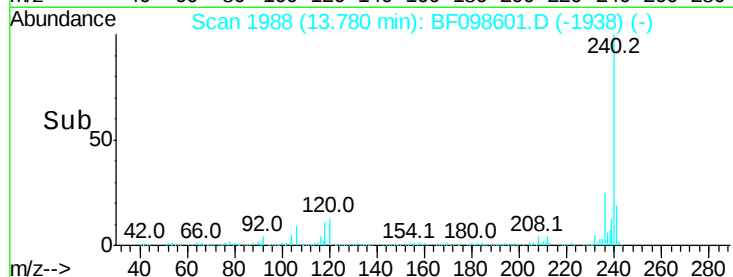
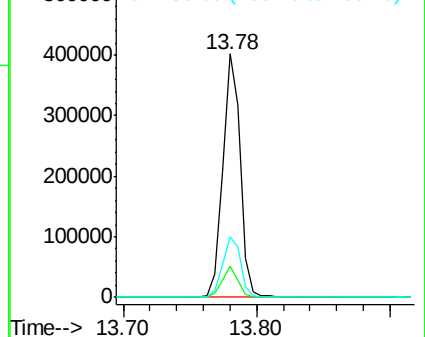
236 25.1 20.5 30.7



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: 71.622 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

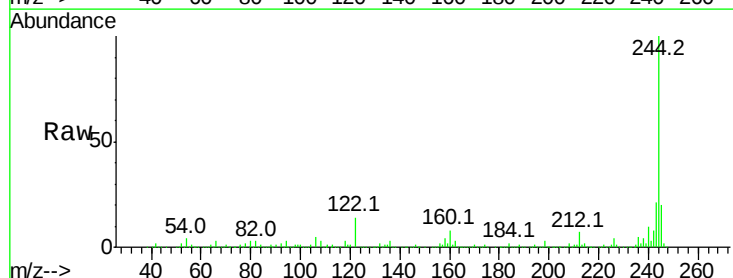
Tgt Ion:244 Resp: 1233023

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

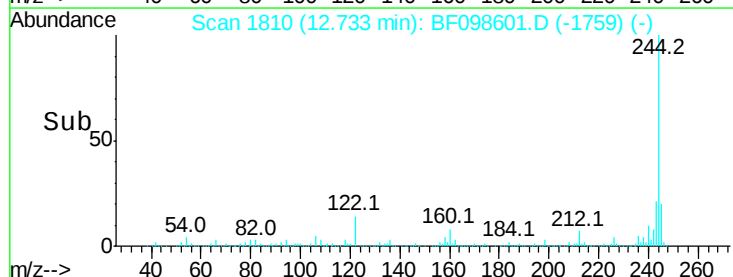
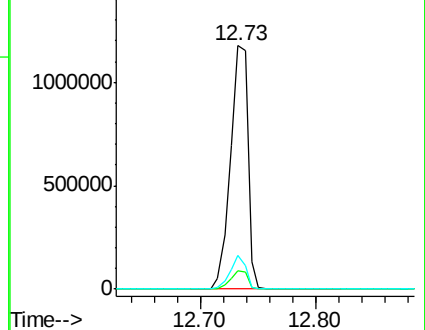
122 13.9 10.3 15.5

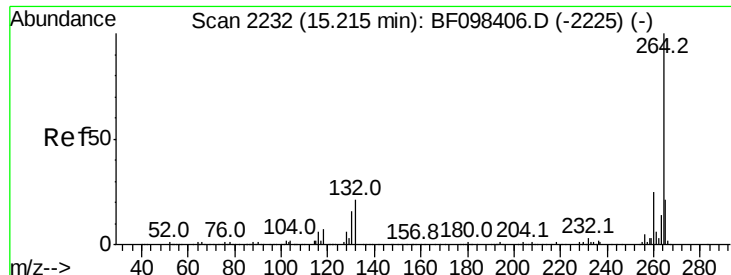


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 2225  
 Delta R.T. -0.00 min  
 Lab File: BF098601.D  
 Acq: 18 Sep 2017 14:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-COMP

Tot Ion: 264 Resp: 275087  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.5 29.3  
 265 21.2 17.2 25.8

