

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\  
 Data File : BF088097.D  
 Acq On : 17 Jun 2016 17:10  
 Operator : UM/SJ  
 Sample : H3558-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP-01

Quant Time: Jun 17 17:48:04 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 17 16:09:13 2016  
 Response via : Initial Calibration

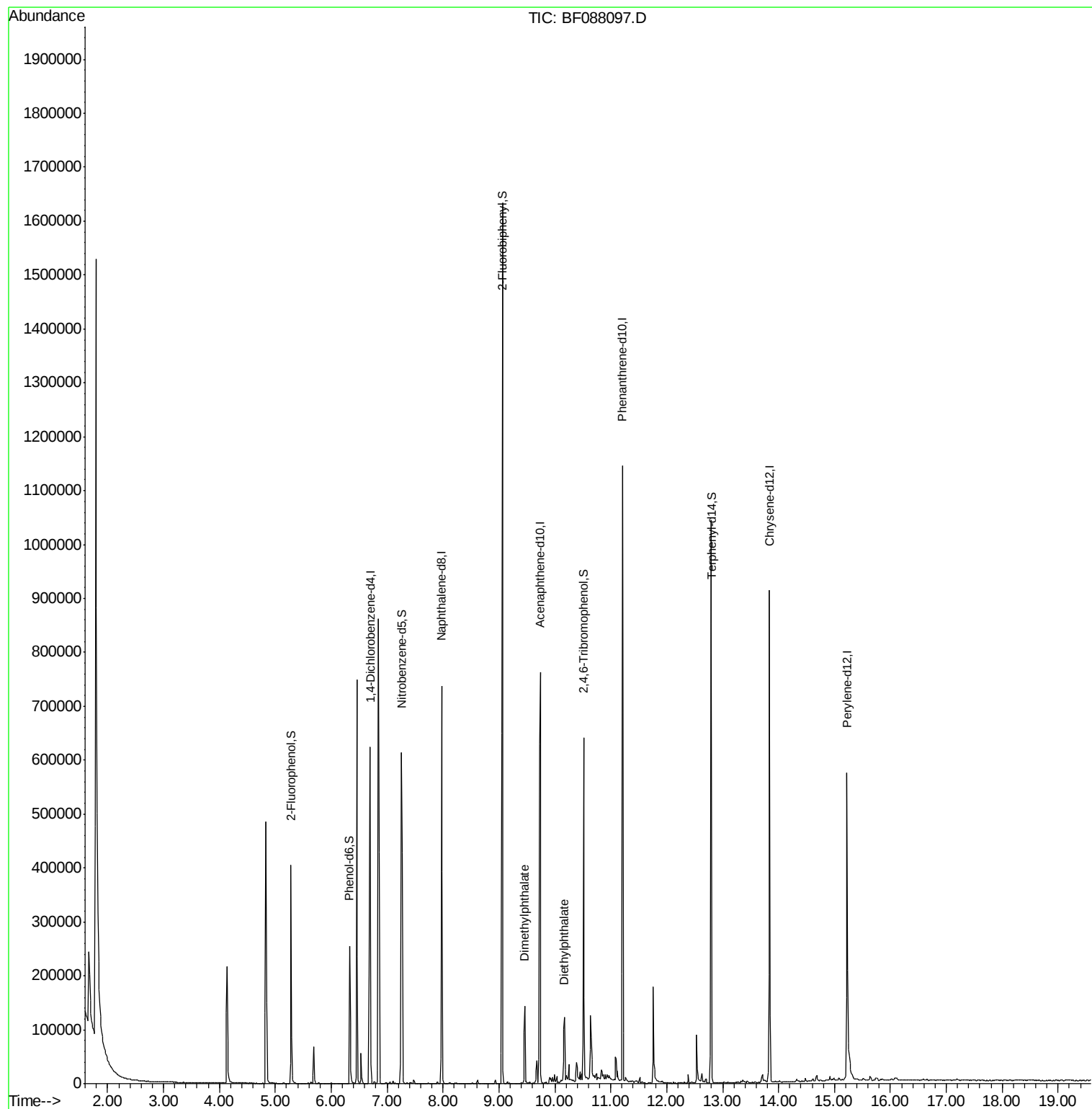
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 106012   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.98  | 136  | 423345   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.74  | 164  | 213313   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.21 | 188  | 394544   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.84 | 240  | 296255   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.22 | 264  | 225622   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.28  | 112  | 126595   | 20.41 | ng    | 0.00     |
| 7) Phenol-d6                | 6.33  | 99   | 108825   | 14.48 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 269406   | 37.16 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 71437    | 31.72 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 573707   | 39.27 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.80 | 244  | 458883   | 35.25 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 49) Dimethylphthalate       | 9.46  | 163  | 81965    | 5.30  | ng    | 98       |
| 59) Diethylphthalate        | 10.16 | 149  | 38447    | 2.46  | ng    | 99       |

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

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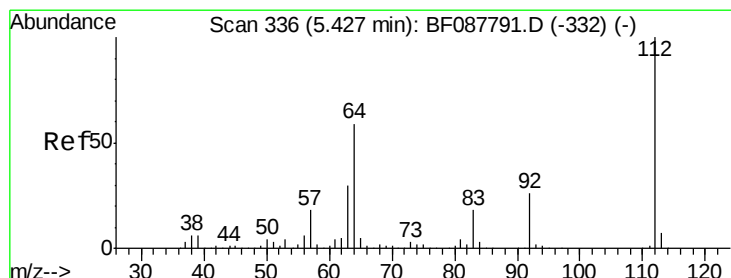
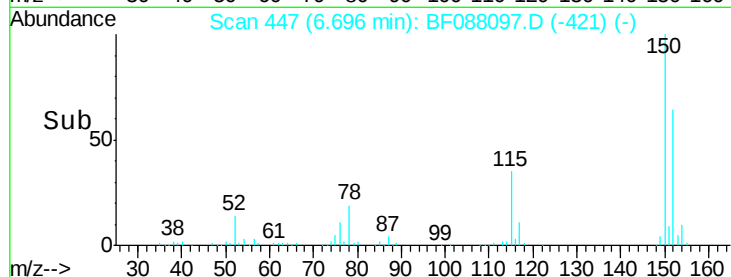
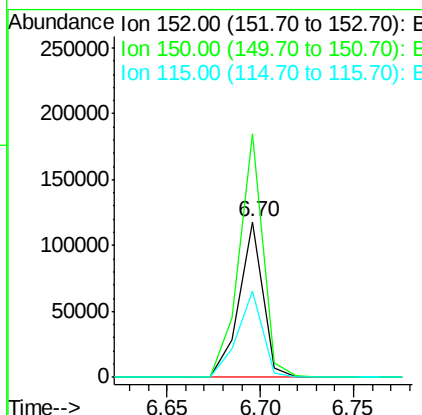
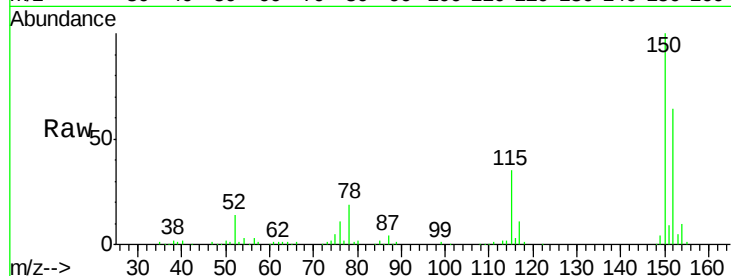




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.70 min Scan# 447  
 Delta R.T. -0.00 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

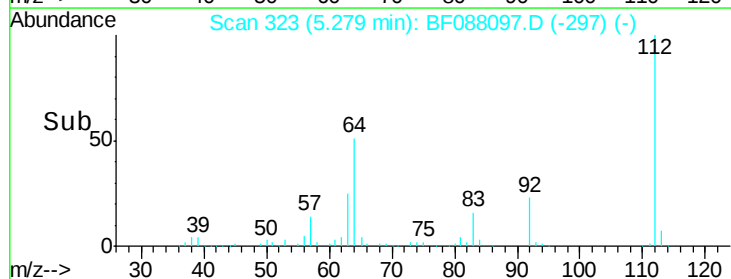
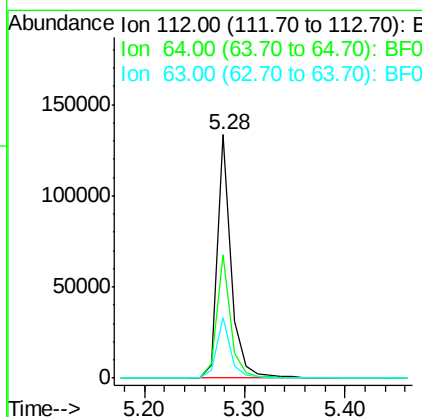
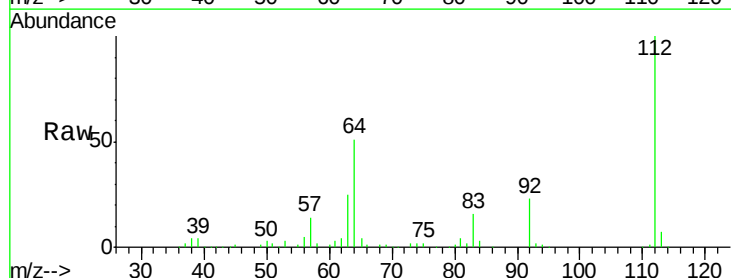
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.1 | 123.8 | 185.6 |
| 115     | 55.0  | 39.6  | 59.4  |



#5  
 2-Fluorophenol  
 Concen: 20.41 ng  
 RT: 5.28 min Scan# 323  
 Delta R.T. -0.00 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.7  | 42.2  | 63.2  |
| 63      | 25.1  | 21.8  | 32.8  |





#7

Phenol-d6

Concen: 14.48 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

Instrument :

BNA\_F

ClientSampleId :

TWP-01

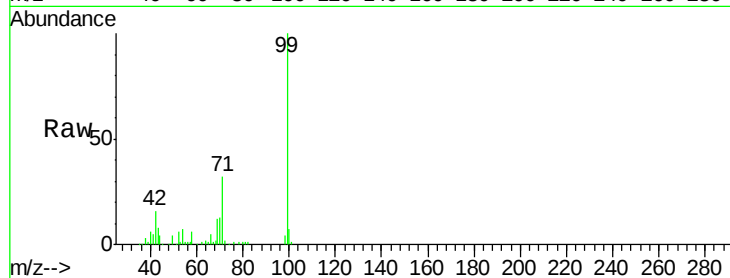
Tot Ion: 99 Resp: 108825

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

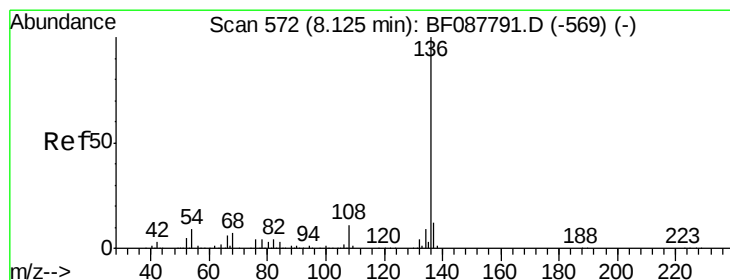
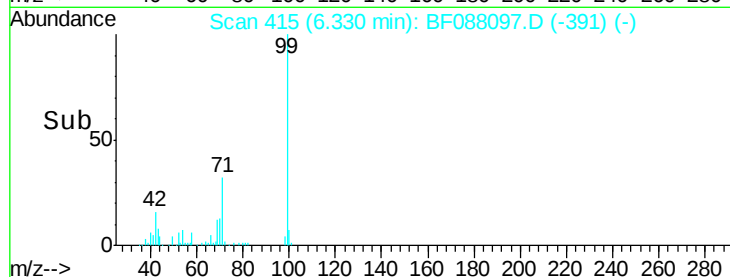
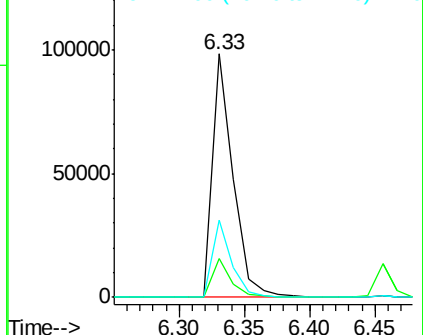
71 32.0 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

Tgt Ion: 136 Resp: 423345

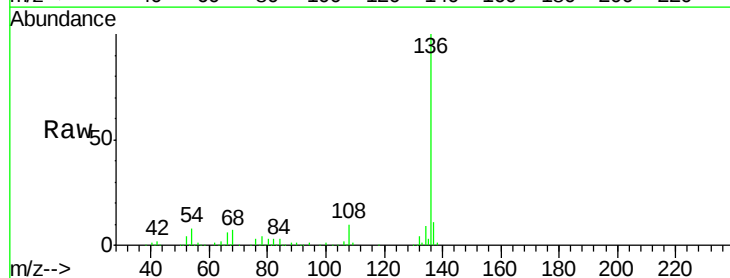
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 6.6 10.0

68 6.9 5.1 7.7

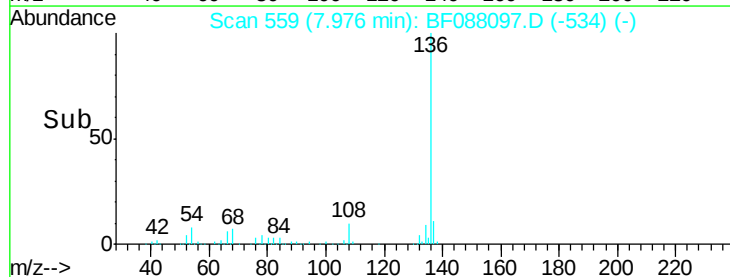
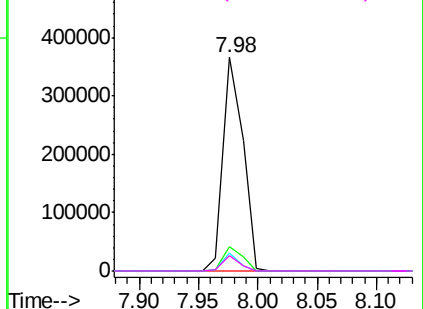


Abundance Ion 136.00 (135.70 to 136.70): E

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

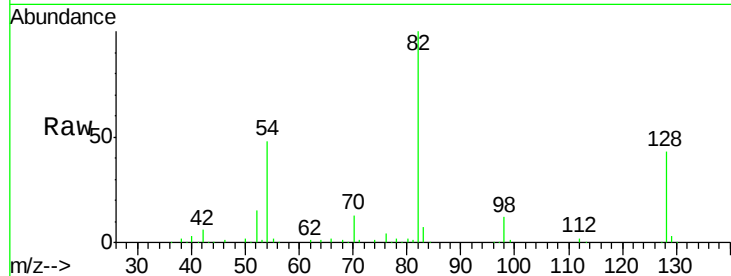




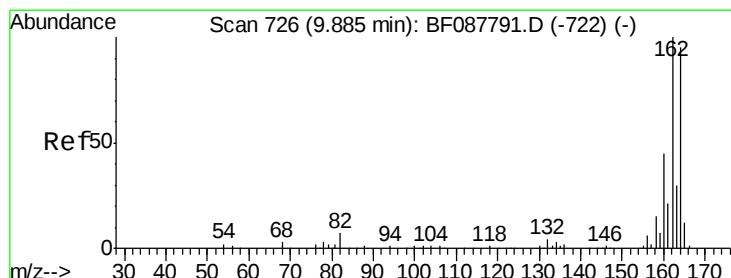
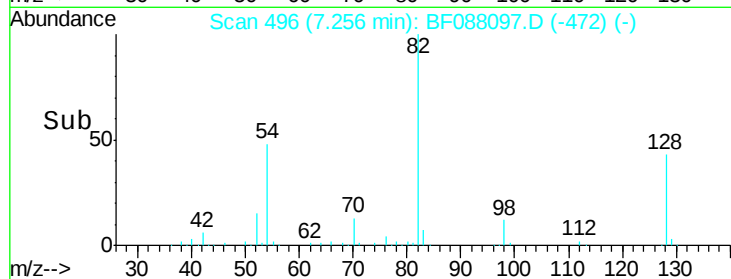
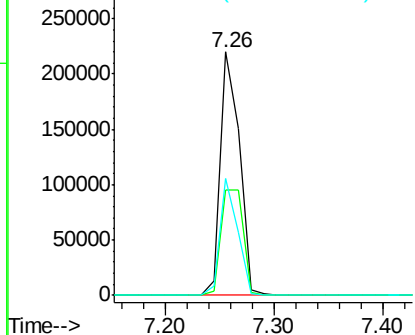
#23  
 Nitrobenzene-d5  
 Concen: 37.16 ng  
 RT: 7.26 min Scan# 496  
 Delta R.T. -0.02 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

Instrument :  
 BNA\_F  
 ClientSampled :  
 TWP-01

Tot Ion: 82 Resp: 269406  
 Ion Ratio Lower Upper  
 82 100  
 128 43.0 35.9 53.9  
 54 47.9 40.9 61.3

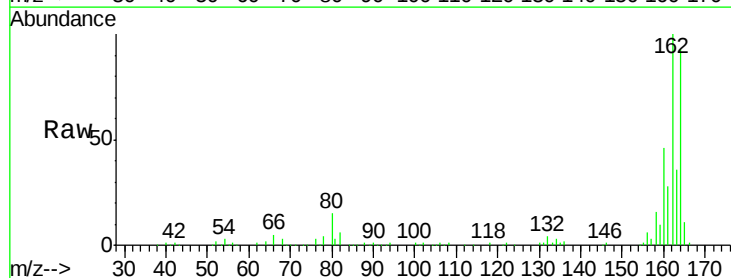


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

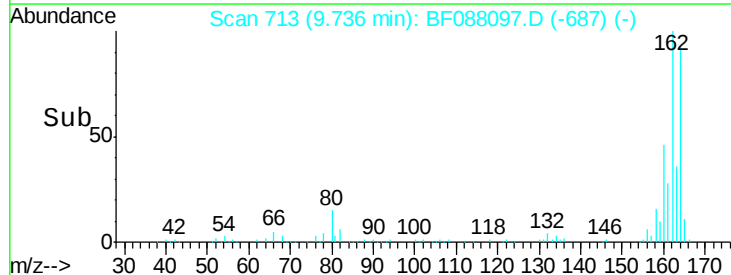
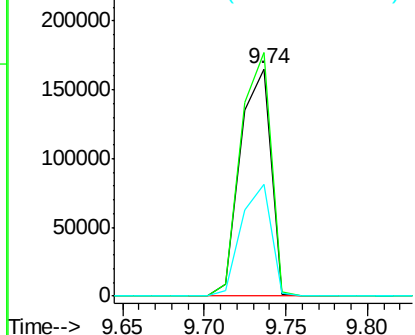


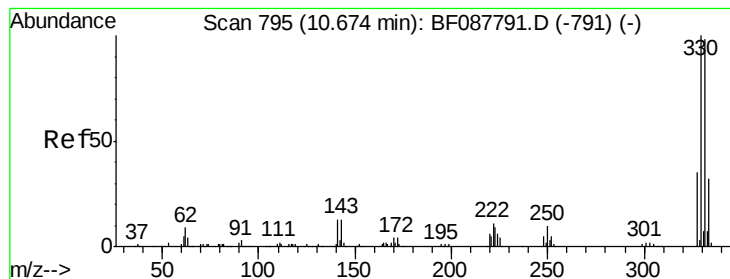
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

Tgt Ion: 164 Resp: 213313  
 Ion Ratio Lower Upper  
 164 100  
 162 107.0 85.4 128.2  
 160 48.9 39.5 59.3



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: 31.72 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

Instrument :

BNA\_F

ClientSampleId :

TWP-01

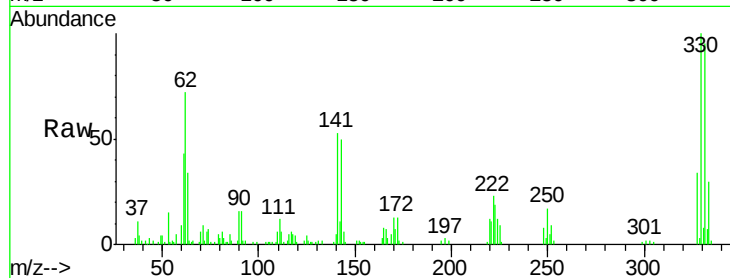
Tot Ion:330 Resp: 71437

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

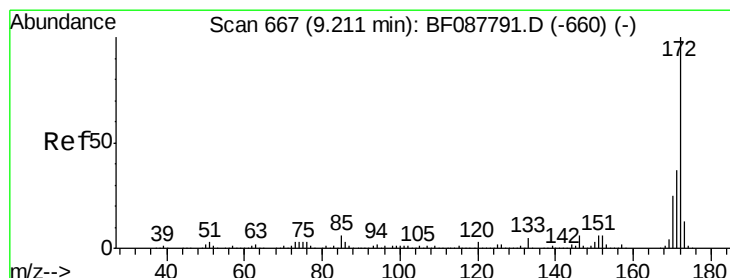
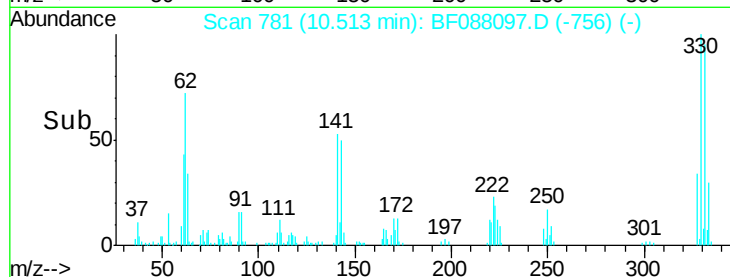
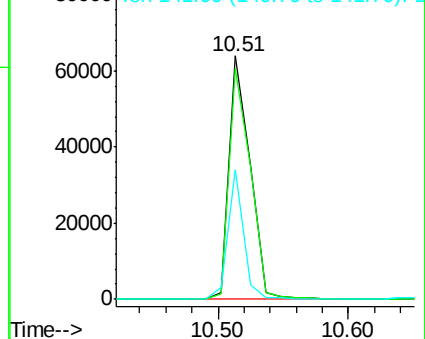
141 40.6 0.0 0.0#



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: 39.27 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

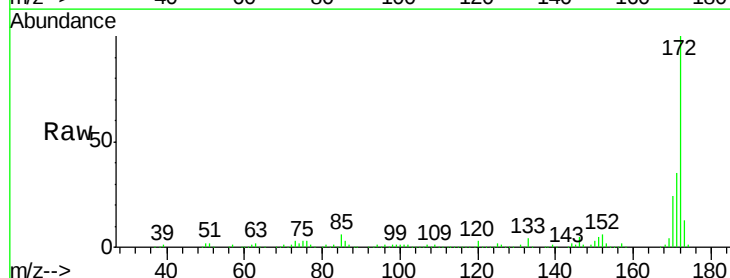
Tgt Ion:172 Resp: 573707

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

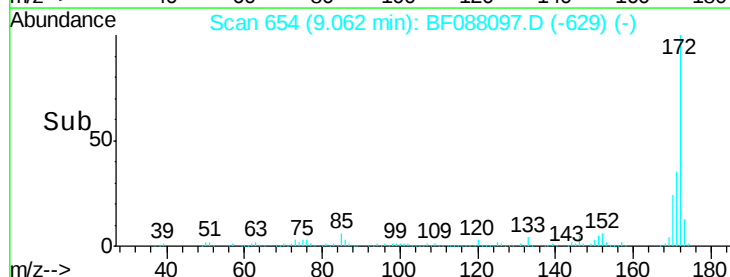
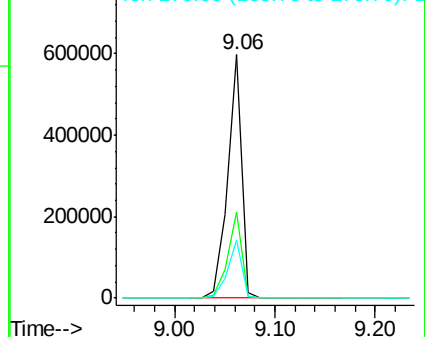
170 24.0 19.2 28.8

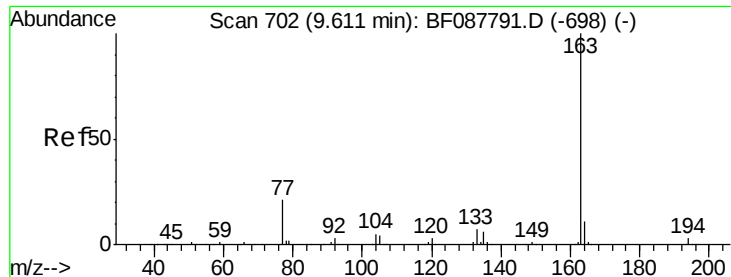


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.30 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

Instrument :

BNA\_F

ClientSampleId :

TWP-01

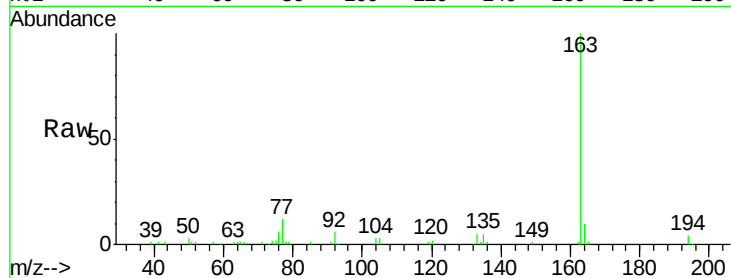
Tot Ion:163 Resp: 81965

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

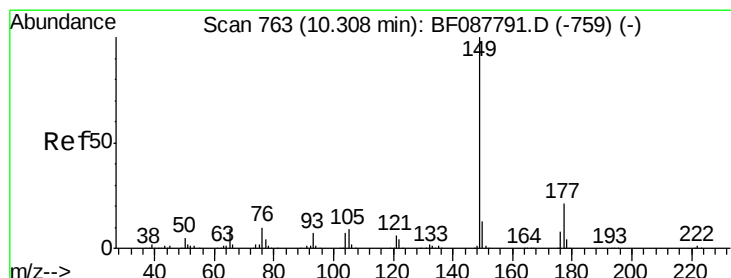
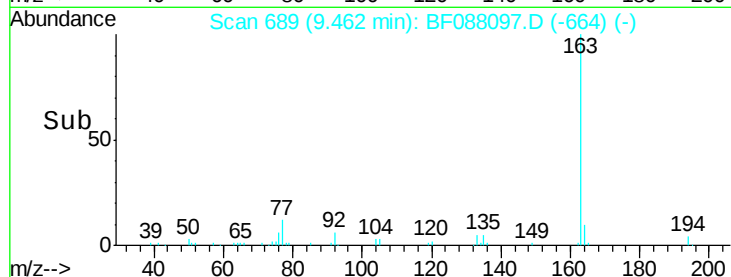
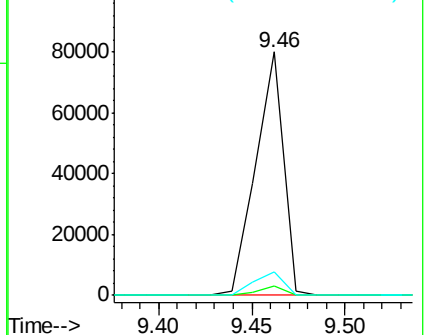
164 9.6 8.3 12.5



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



#59

Diethylphthalate

Concen: 2.46 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088097.D

Acq: 17 Jun 2016 17:10

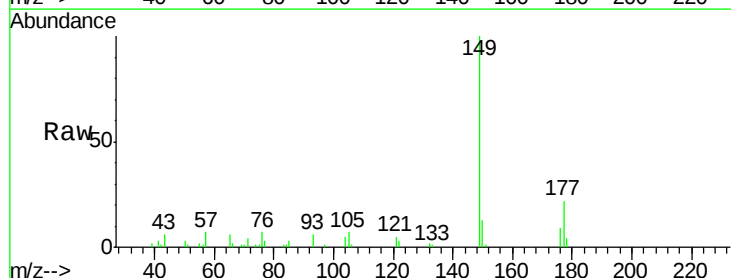
Tgt Ion:149 Resp: 38447

Ion Ratio Lower Upper

149 100

177 21.6 16.9 25.3

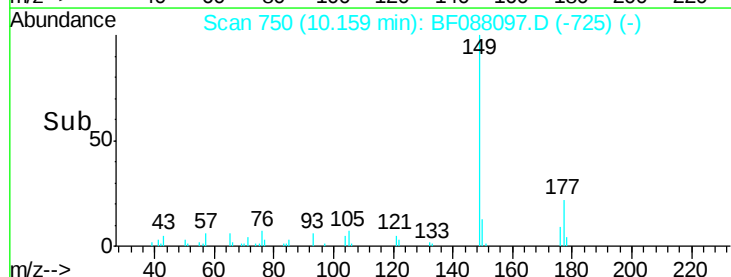
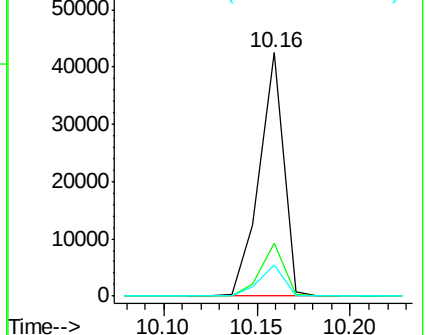
150 12.6 10.1 15.1

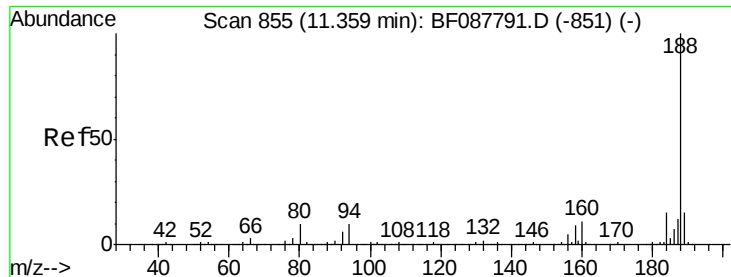


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

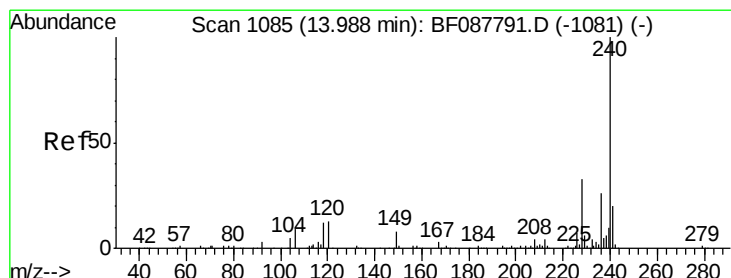
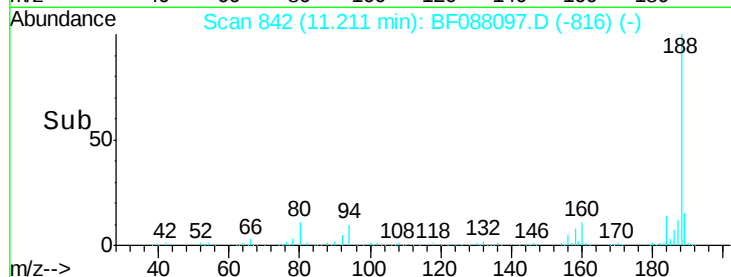
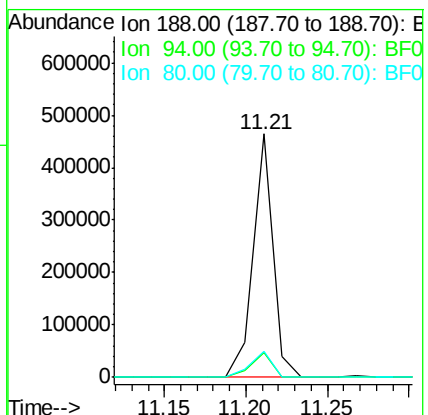
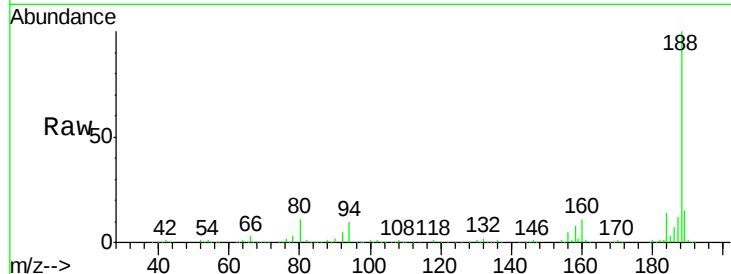




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 842  
Delta R.T. -0.00 min  
Lab File: BF088097.D  
Acq: 17 Jun 2016 17:10

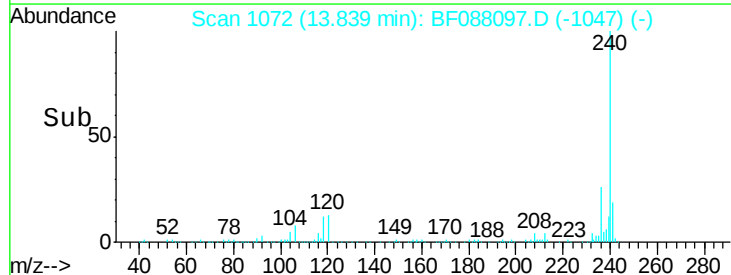
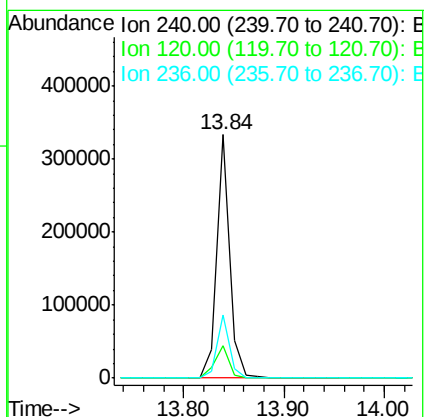
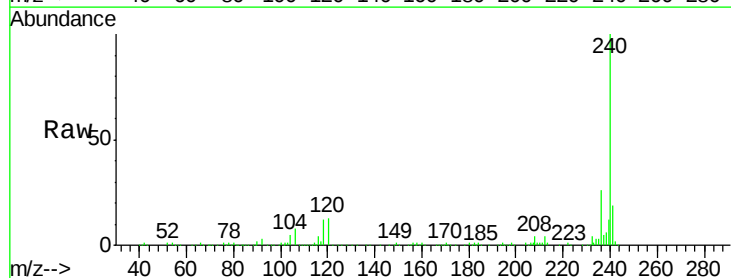
Instrument :  
BNA\_F  
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TWP-01

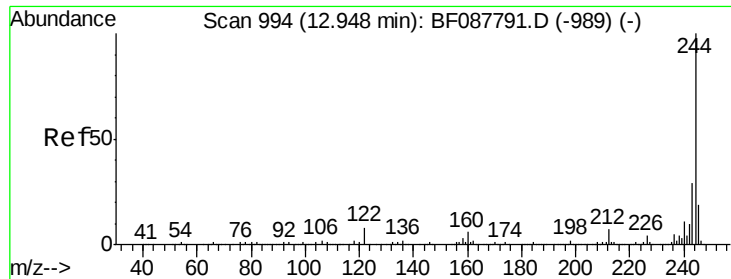
Tot Ion:188 Resp: 394544  
Ion Ratio Lower Upper  
188 100  
94 10.2 9.0 13.6  
80 10.5 10.0 15.0



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.84 min Scan# 1072  
Delta R.T. -0.01 min  
Lab File: BF088097.D  
Acq: 17 Jun 2016 17:10

Tgt Ion:240 Resp: 296255  
Ion Ratio Lower Upper  
240 100  
120 13.1 6.8 10.2#  
236 26.2 20.2 30.2

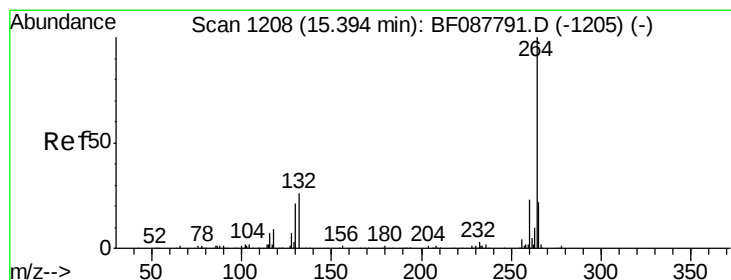
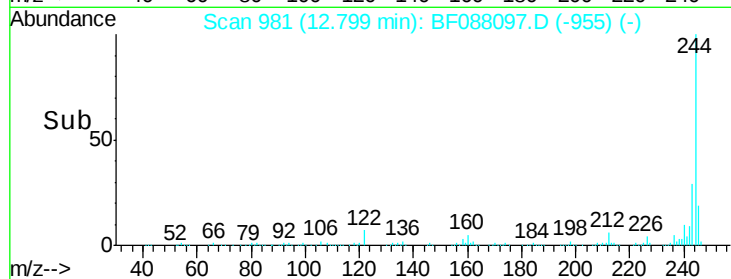
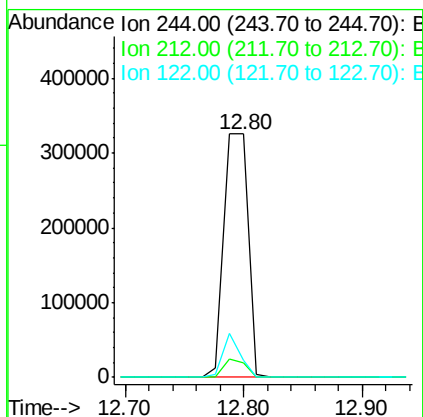
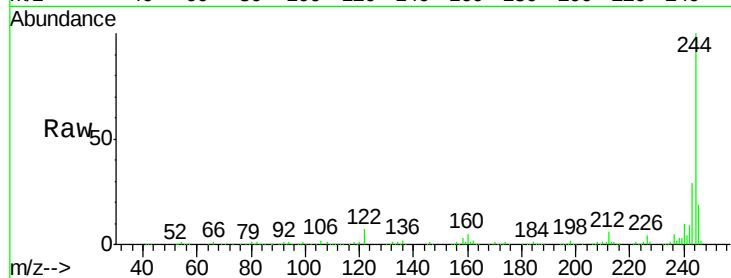




#78  
 Terphenyl-d14  
 Concen: 35.25 ng  
 RT: 12.80 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP-01

Tot Ion:244 Resp: 458883  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 6.0 9.0  
 122 6.8 11.2 16.8#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.22 min Scan# 1193  
 Delta R.T. -0.00 min  
 Lab File: BF088097.D  
 Acq: 17 Jun 2016 17:10

Tgt Ion:264 Resp: 225622  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.2 28.8  
 265 21.2 16.9 25.3

