

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\  
 Data File : BF096160.D  
 Acq On : 23 Jun 2017 15:29  
 Operator : SJ/MA  
 Sample : I3776-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHD-GW-01

Quant Time: Jun 24 00:12:25 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

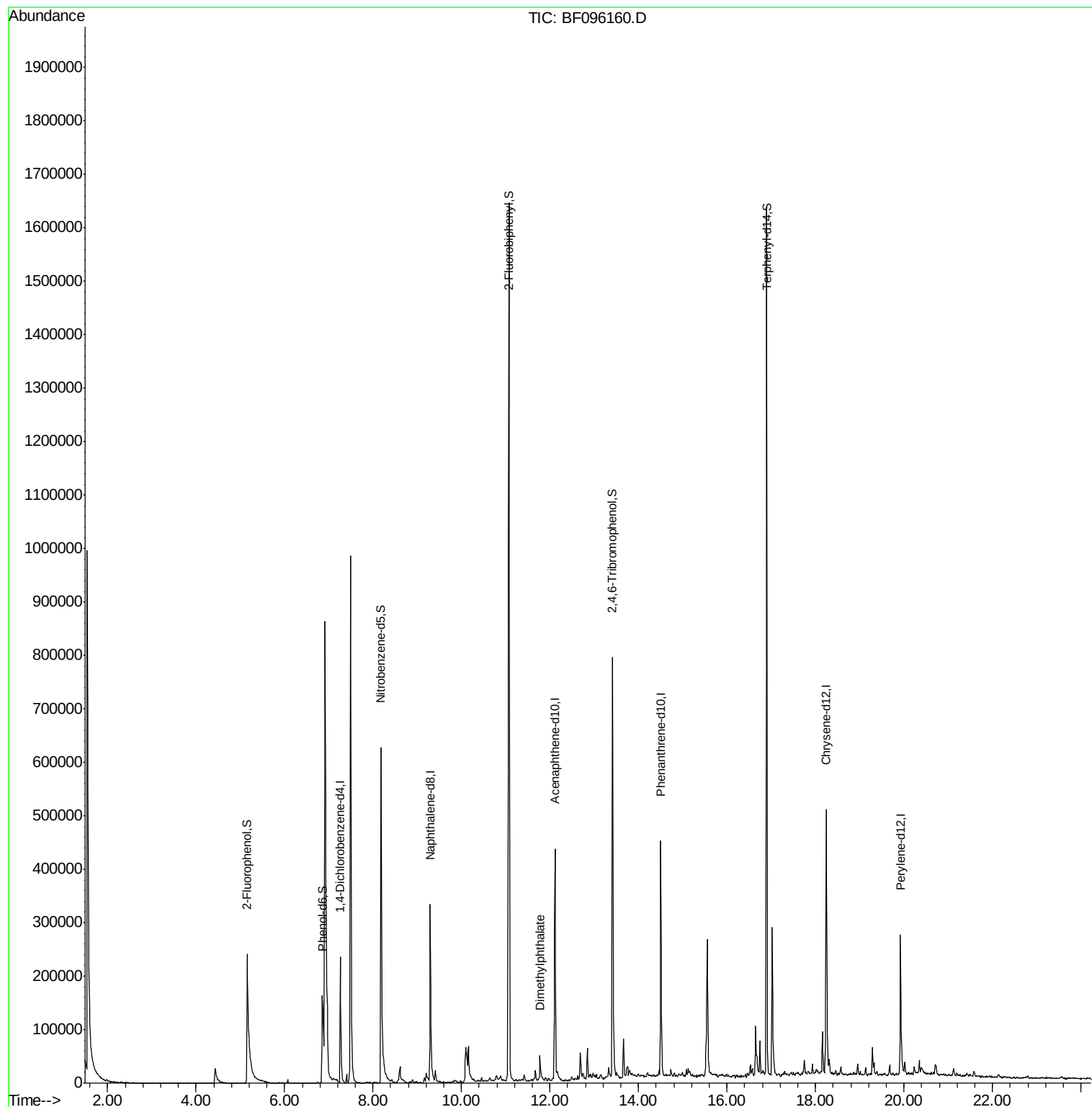
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 63445    | 20.00  | ng    | -0.04          |
| 21) Naphthalene-d8          | 9.29  | 136  | 266693   | 20.00  | ng    | -0.04          |
| 38) Acenaphthene-d10        | 12.11 | 164  | 125896   | 20.00  | ng    | -0.04          |
| 63) Phenanthrene-d10        | 14.50 | 188  | 239957   | 20.00  | ng    | -0.04          |
| 75) Chrysene-d12            | 18.24 | 240  | 200509   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 19.92 | 264  | 142430   | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.15  | 112  | 254467   | 63.91  | ng    | -0.03          |
| 7) Phenol-d6                | 6.85  | 99   | 220136   | 46.18  | ng    | -0.02          |
| 23) Nitrobenzene-d5         | 8.18  | 82   | 380215   | 88.54  | ng    | -0.04          |
| 41) 2,4,6-Tribromophenol    | 13.42 | 330  | 149636   | 134.34 | ng    | -0.04          |
| 44) 2-Fluorobiphenyl        | 11.07 | 172  | 785992   | 86.88  | ng    | -0.04          |
| 78) Terphenyl-d14           | 16.90 | 244  | 672090   | 83.19  | ng    | -0.03          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 11.77 | 163  | 28500    | 2.98   | ng    | Qvalue<br># 99 |

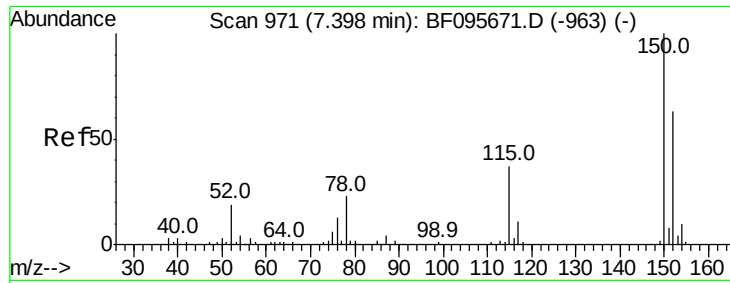
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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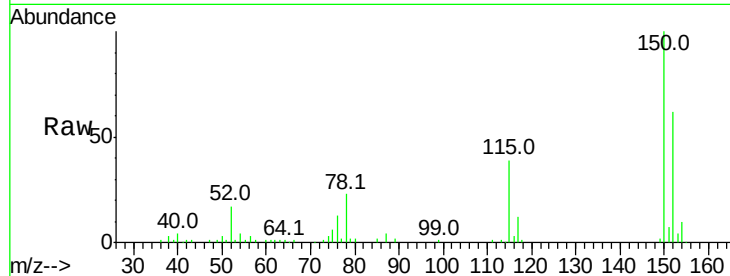


#1

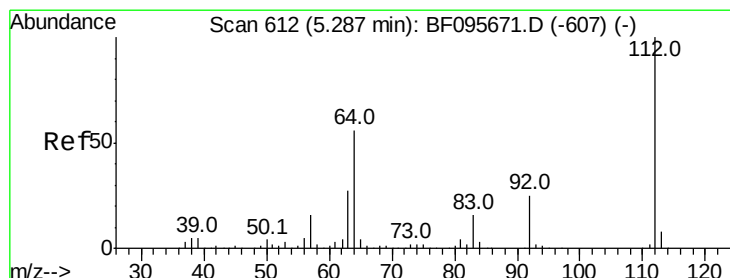
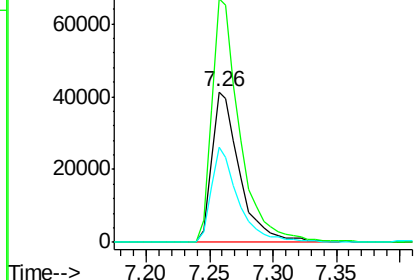
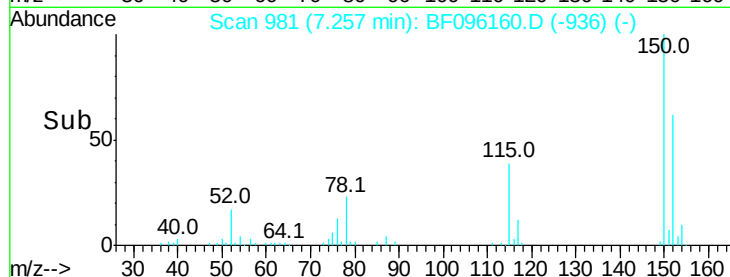
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.26 min Scan# 981  
Delta R.T. -0.04 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

Instrument :  
BNA\_F  
ClientSampleId :  
GHD-GW-01

Tot Ion:152 Resp: 63445  
Ion Ratio Lower Upper  
152 100  
150 161.6 126.2 189.2  
115 62.9 52.2 78.2



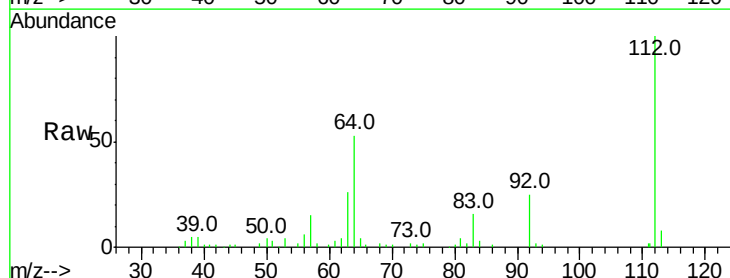
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



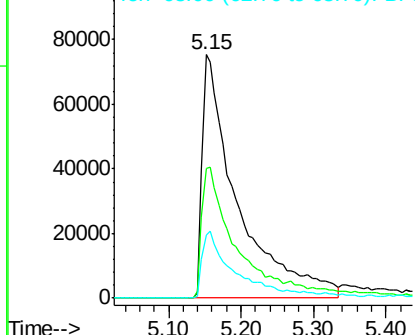
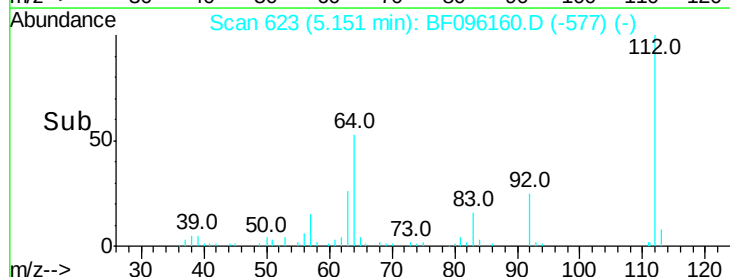
#5

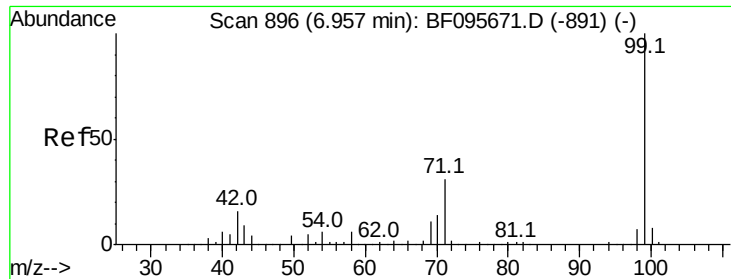
2-Fluorophenol  
Concen: 63.91 ng  
RT: 5.15 min Scan# 623  
Delta R.T. -0.03 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

Tgt Ion:112 Resp: 254467  
Ion Ratio Lower Upper  
112 100  
64 53.2 46.0 69.0  
63 26.2 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: 46.18 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096160.D

Acq: 23 Jun 2017 15:29

Instrument :

BNA\_F

ClientSampleId :

GHD-GW-01

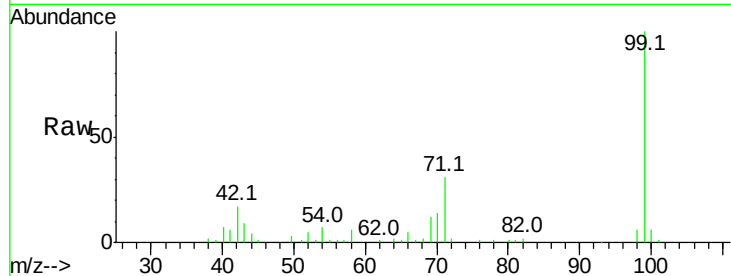
Tot Ion: 99 Resp: 220136

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

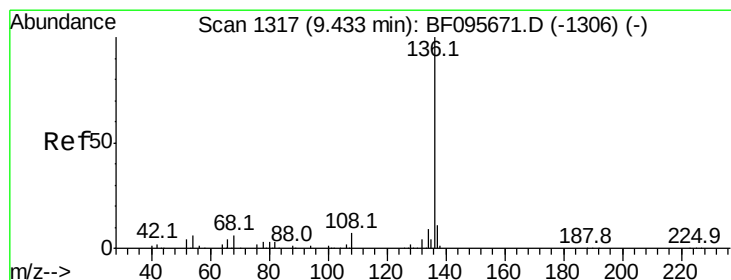
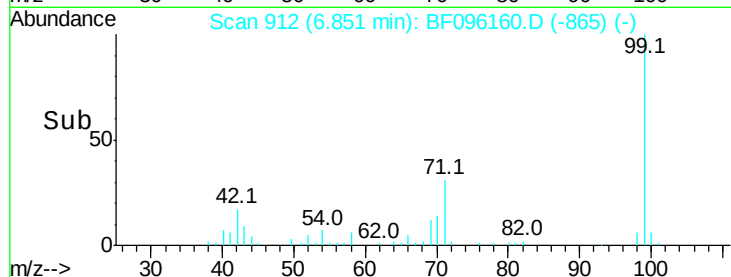
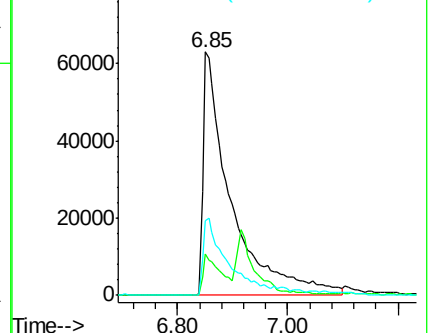
71 30.7 24.5 36.7



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: 20.00 ng

RT: 9.29 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096160.D

Acq: 23 Jun 2017 15:29

Tgt Ion: 136 Resp: 266693

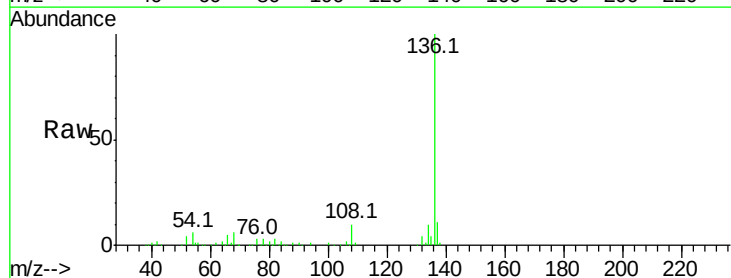
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 4.9 7.3

68 5.9 4.1 6.1

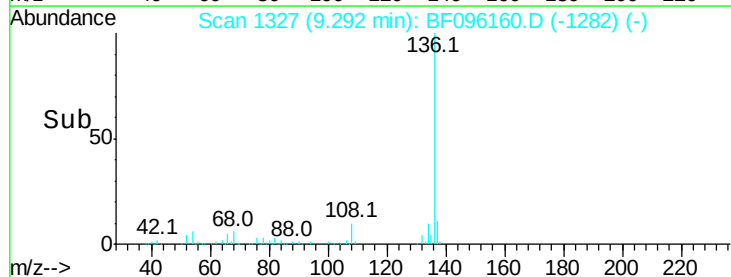
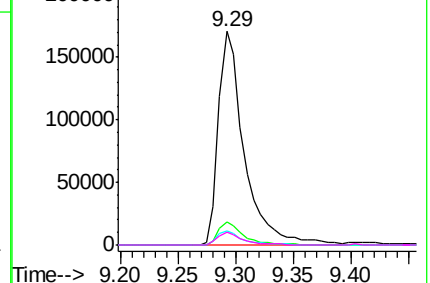


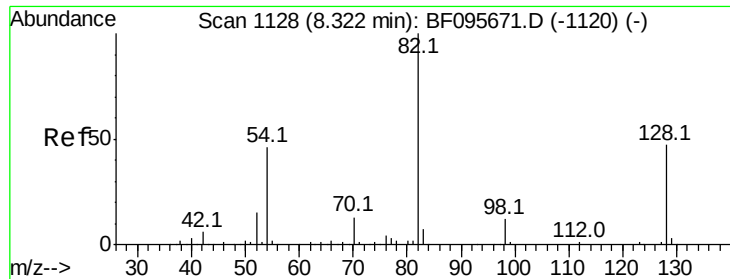
Abundance Ion 136.00 (135.70 to 136.70): E

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

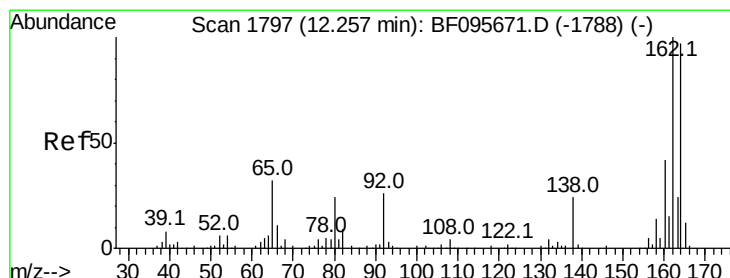
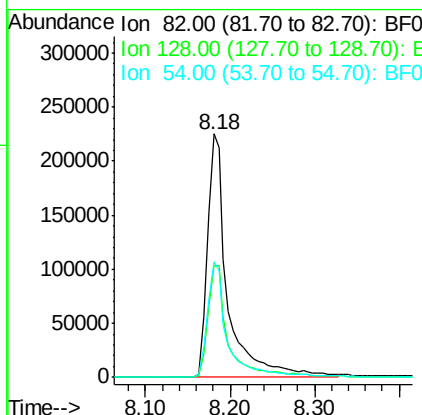
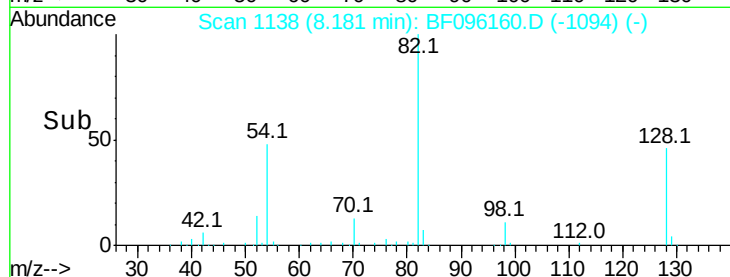
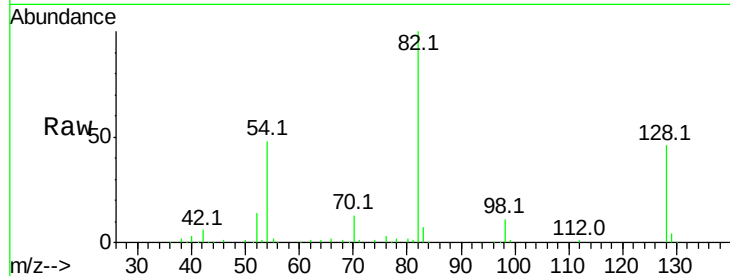




#23  
Nitrobenzene-d5  
Concen: 88.54 ng  
RT: 8.18 min Scan# 1138  
Delta R.T. -0.04 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

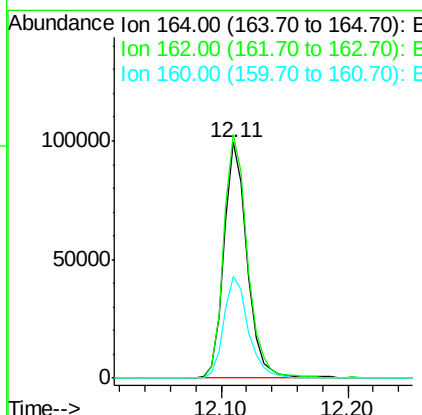
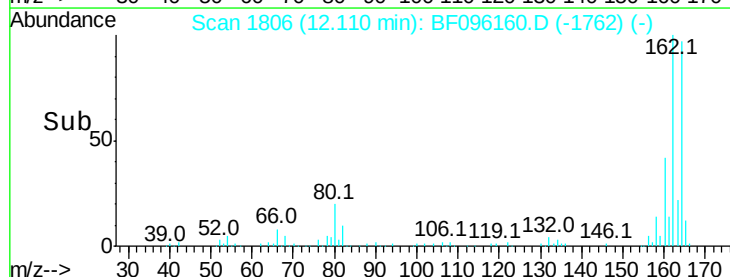
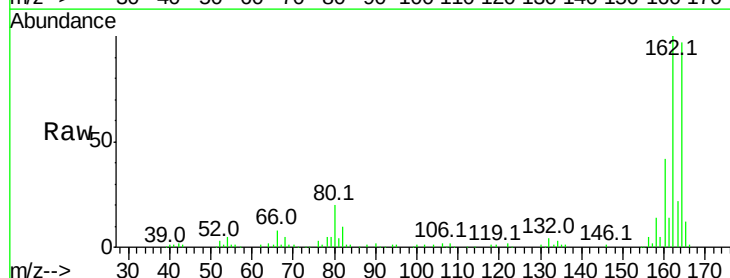
Instrument :  
BNA\_F  
ClientSampleId :  
GHD-GW-01

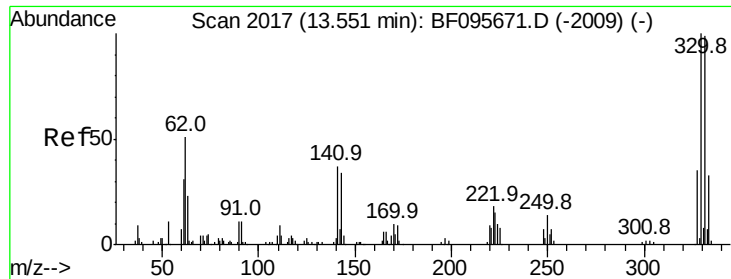
Tot Ion: 82 Resp: 380215  
Ion Ratio Lower Upper  
82 100  
128 46.0 34.0 51.0  
54 47.7 42.2 63.2



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.11 min Scan# 1806  
Delta R.T. -0.04 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

Tgt Ion:164 Resp: 125896  
Ion Ratio Lower Upper  
164 100  
162 103.4 82.6 123.8  
160 43.0 36.2 54.2

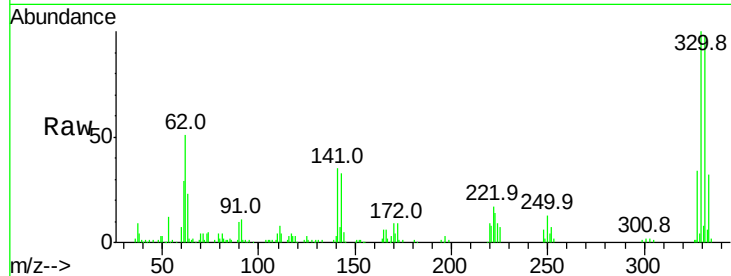




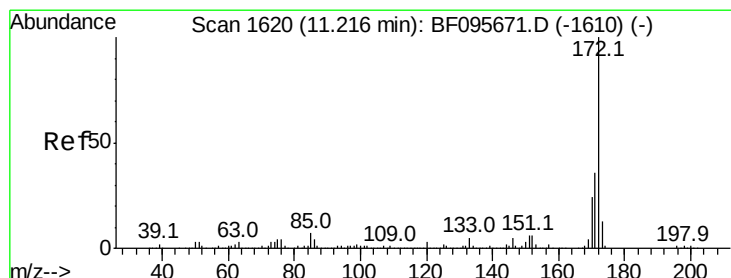
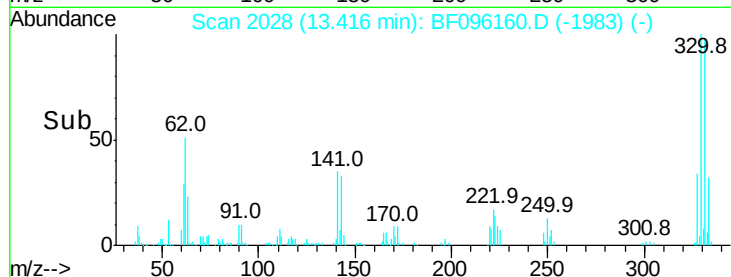
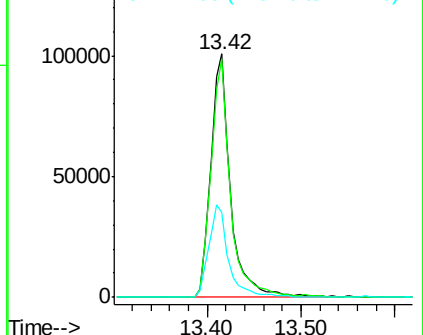
#41  
 2,4,6-Tribromophenol  
 Concen: 134.34 ng  
 RT: 13.42 min Scan# 2028  
 Delta R.T. -0.04 min  
 Lab File: BF096160.D  
 Acq: 23 Jun 2017 15:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHD-GW-01

Tot Ion:330 Resp: 149636  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 76.6 115.0  
 141 38.4 31.4 47.2

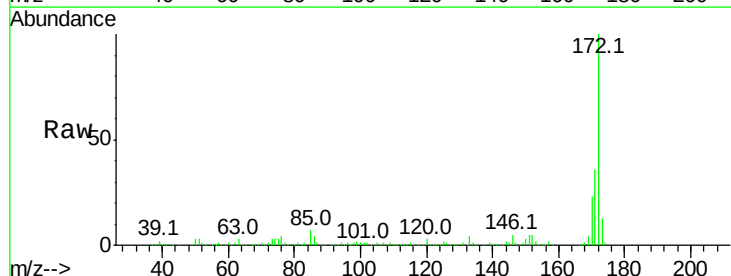


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

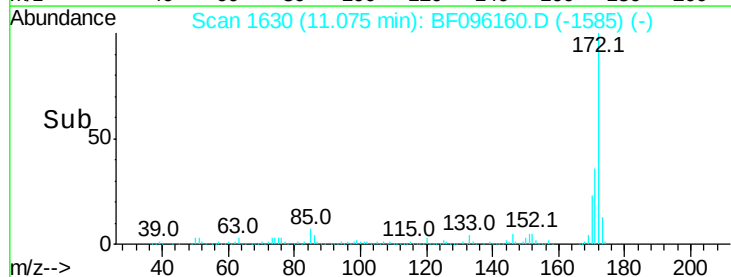
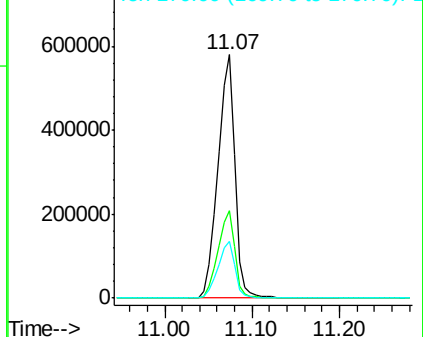


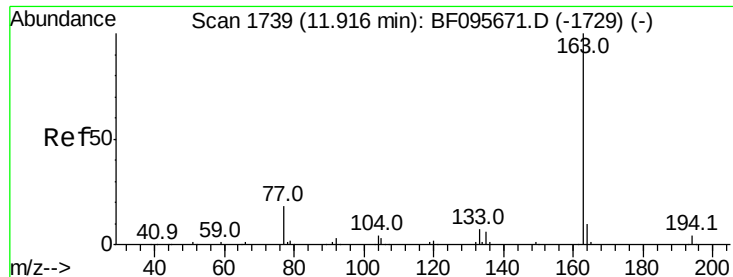
#44  
 2-Fluorobiphenyl  
 Concen: 86.88 ng  
 RT: 11.07 min Scan# 1630  
 Delta R.T. -0.04 min  
 Lab File: BF096160.D  
 Acq: 23 Jun 2017 15:29

Tgt Ion:172 Resp: 785992  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.6 44.4  
 170 23.1 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

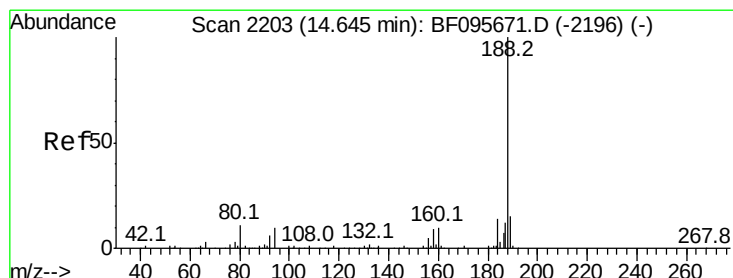
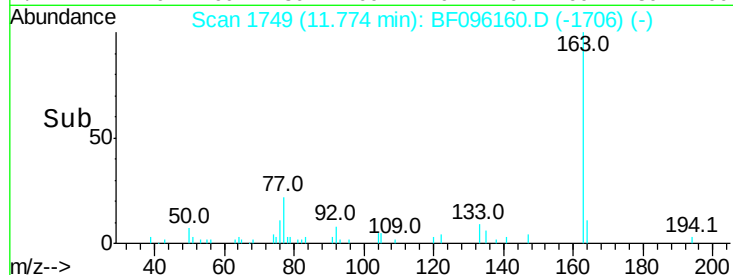
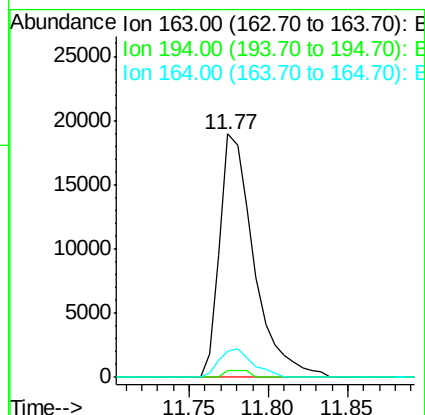
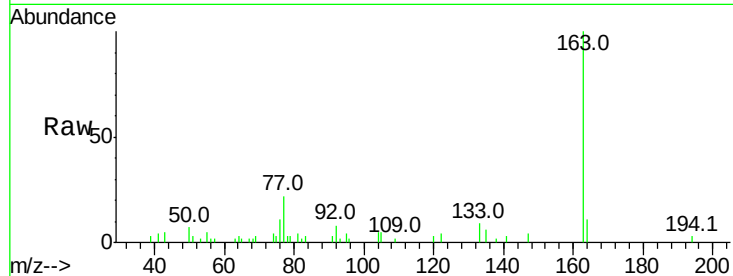




#49  
Dimethylphthalate  
Concen: 2.98 ng  
RT: 11.77 min Scan# 1749  
Delta R.T. -0.05 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

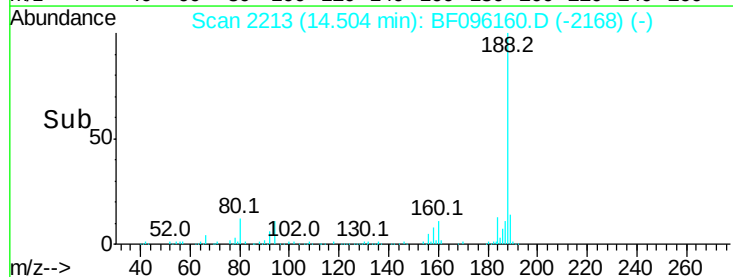
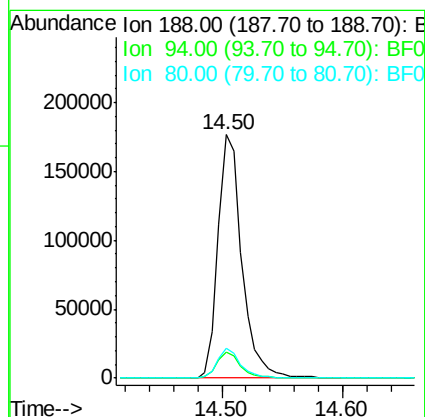
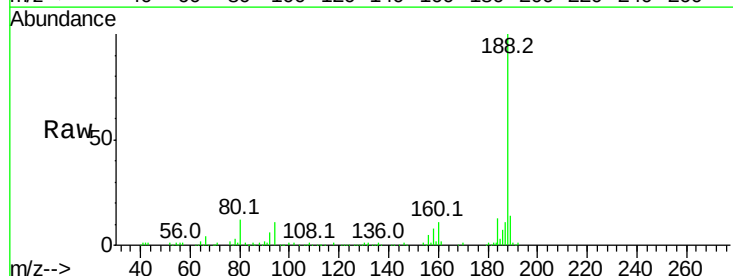
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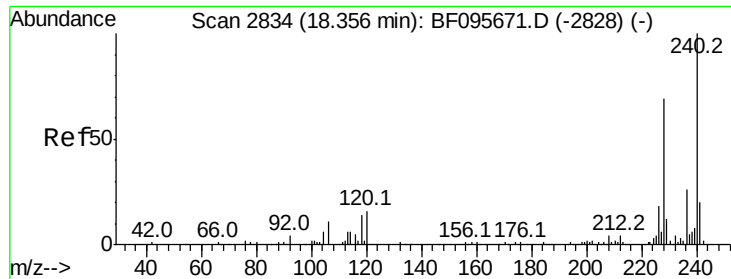
Tot Ion:163 Resp: 28500  
Ion Ratio Lower Upper  
163 100  
194 2.6 2.6 4.0#  
164 10.9 8.4 12.6



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.50 min Scan# 2213  
Delta R.T. -0.04 min  
Lab File: BF096160.D  
Acq: 23 Jun 2017 15:29

Tgt Ion:188 Resp: 239957  
Ion Ratio Lower Upper  
188 100  
94 10.8 9.4 14.2  
80 12.1 10.2 15.2

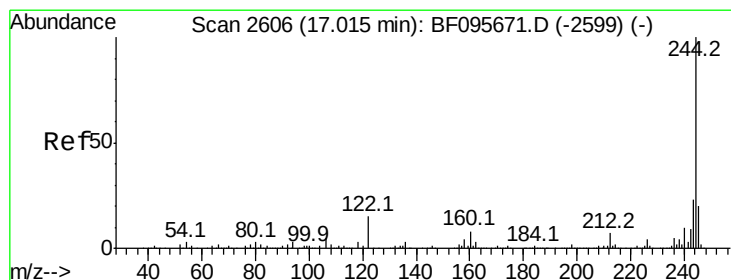
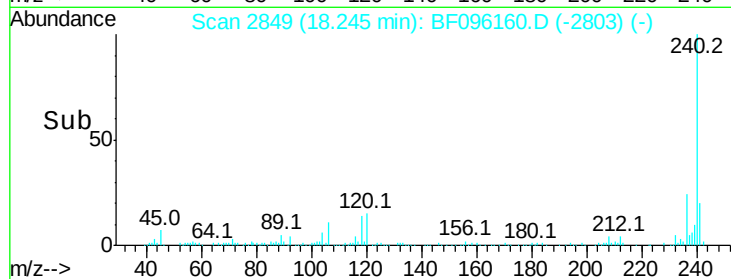
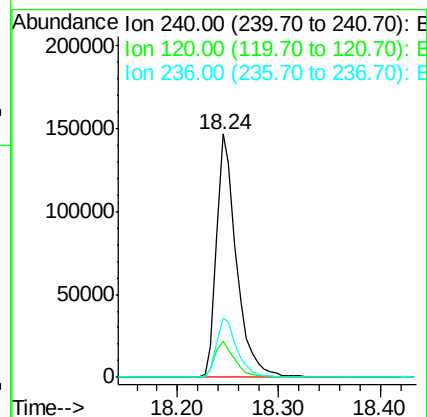
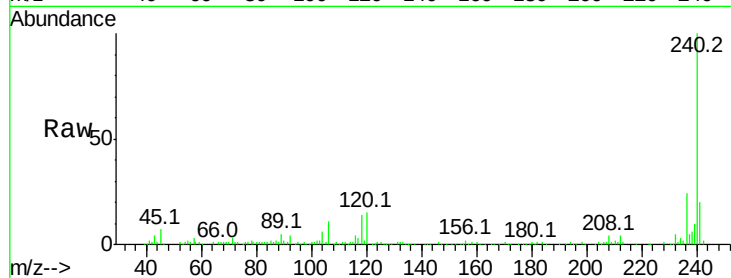




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.24 min Scan# 2849  
 Delta R.T. -0.03 min  
 Lab File: BF096160.D  
 Acq: 23 Jun 2017 15:29

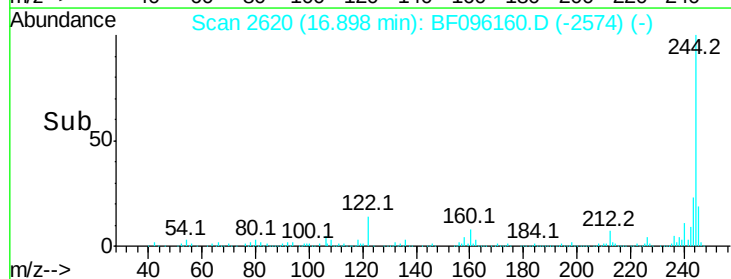
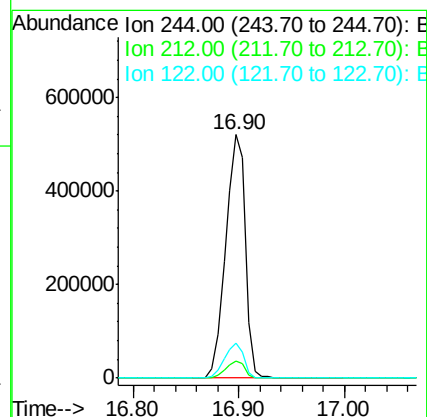
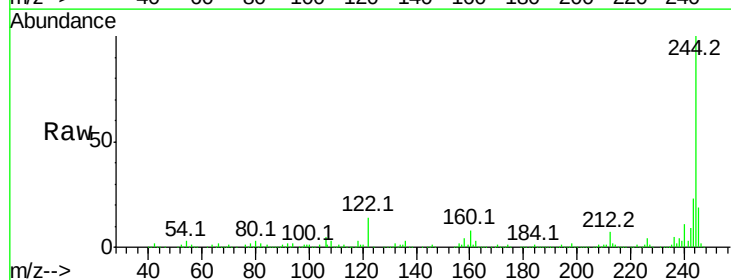
Instrument :  
 BNA\_F  
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Tot Ion:240 Resp: 200509  
 Ion Ratio Lower Upper  
 240 100  
 120 15.1 5.8 8.8#  
 236 24.4 20.5 30.7

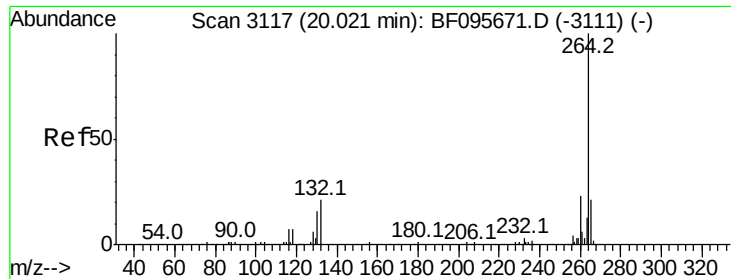


#78  
 Terphenyl-d14  
 Concen: 83.19 ng  
 RT: 16.90 min Scan# 2620  
 Delta R.T. -0.03 min  
 Lab File: BF096160.D  
 Acq: 23 Jun 2017 15:29

Tgt Ion:244 Resp: 672090  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 14.3 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: BF096160.D  
Acq: 23 Jun 2017 15:29

Instrument :  
BNA\_F  
ClientSampleId :  
GHD-GW-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.8  | 19.5  | 29.3  |
| 265     | 21.9  | 17.2  | 25.8  |

