

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\  
 Data File : BG027414.D  
 Acq On : 14 Jun 2017 10:13  
 Operator : SJ/MA  
 Sample : I3633-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BIN-5

Quant Time: Jun 14 11:48:03 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

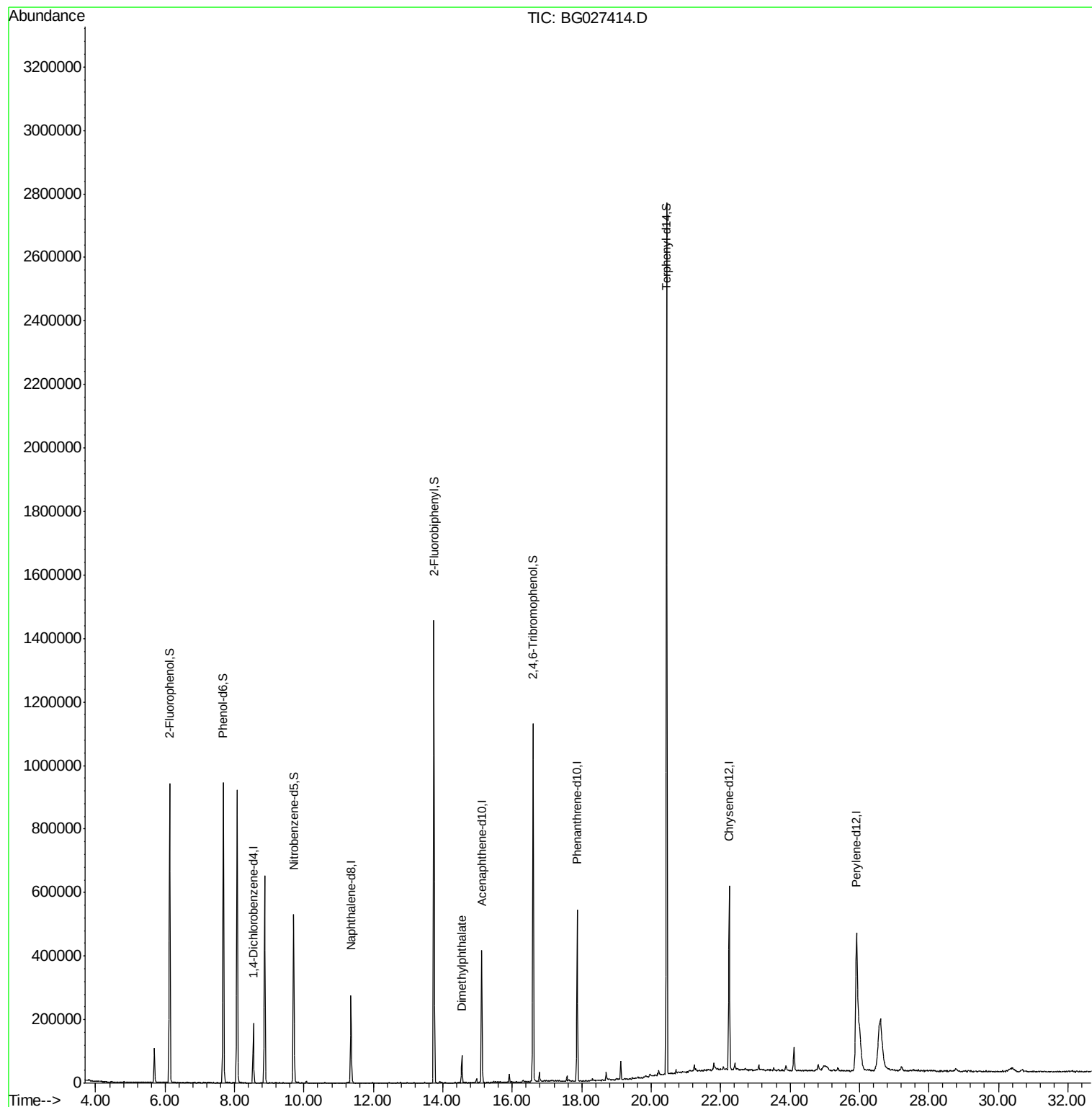
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.54  | 152  | 54818    | 20.00  | ng    | -0.03        |
| 21) Naphthalene-d8          | 11.35 | 136  | 244282   | 20.00  | ng    | -0.05        |
| 38) Acenaphthene-d10        | 15.12 | 164  | 140748   | 20.00  | ng    | -0.04        |
| 63) Phenanthrene-d10        | 17.87 | 188  | 335961   | 20.00  | ng    | -0.05        |
| 75) Chrysene-d12            | 22.25 | 240  | 395040   | 20.00  | ng    | -0.06        |
| 86) Perylene-d12            | 25.91 | 264  | 389340   | 20.00  | ng    | -0.11        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 6.13  | 112  | 425714   | 118.51 | ng    | -0.03        |
| 7) Phenol-d6                | 7.67  | 99   | 602180   | 114.20 | ng    | -0.03        |
| 23) Nitrobenzene-d5         | 9.70  | 82   | 346699   | 89.26  | ng    | -0.04        |
| 41) 2,4,6-Tribromophenol    | 16.60 | 330  | 218032   | 117.64 | ng    | -0.05        |
| 44) 2-Fluorobiphenyl        | 13.74 | 172  | 771382   | 76.67  | ng    | -0.05        |
| 78) Terphenyl-d14           | 20.44 | 244  | 1250525  | 80.75  | ng    | -0.05        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 14.55 | 163  | 54034    | 4.84   | ng    | Qvalue<br>96 |

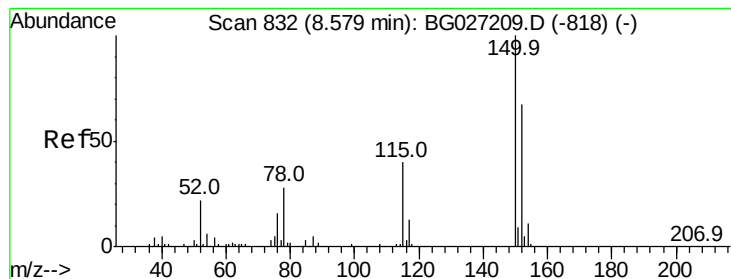
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA\_G

ClientSampleId :

BIN-5

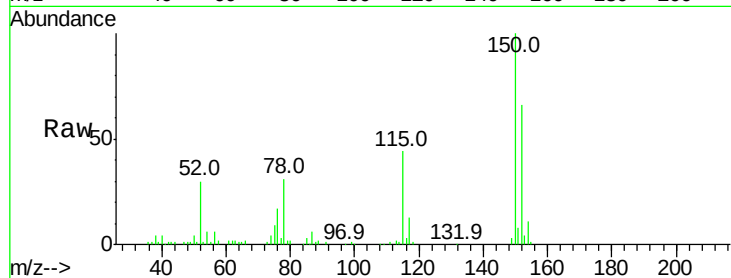
Tot Ion:152 Resp: 54818

Ion Ratio Lower Upper

152 100

150 152.1 114.0 171.0

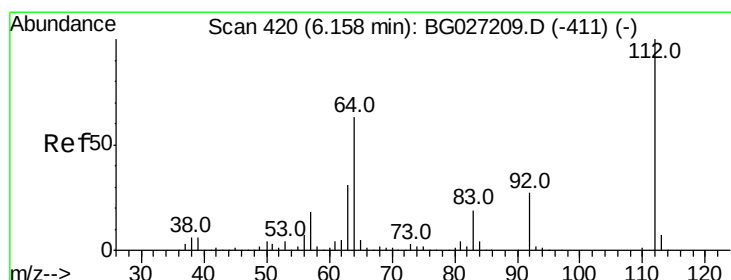
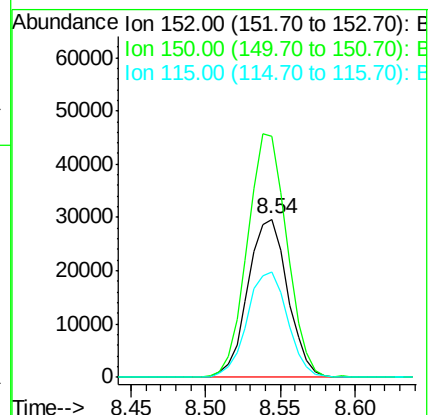
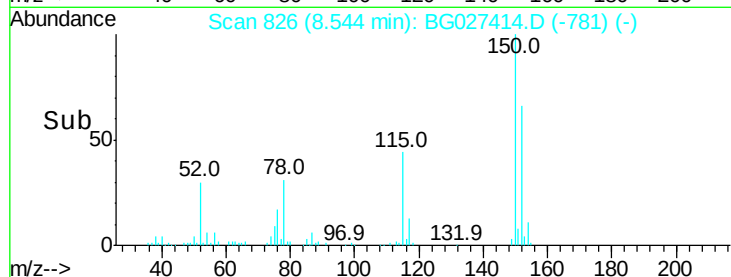
115 66.4 48.1 72.1



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: 118.51 ng

RT: 6.13 min Scan# 415

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

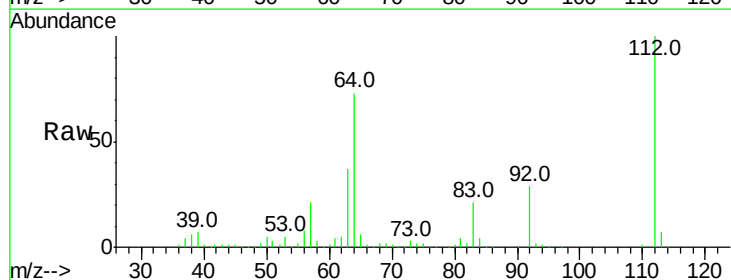
Tgt Ion:112 Resp: 425714

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

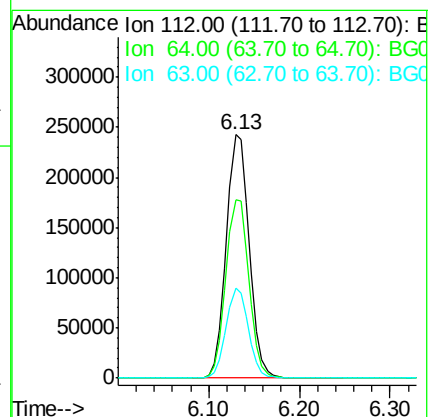
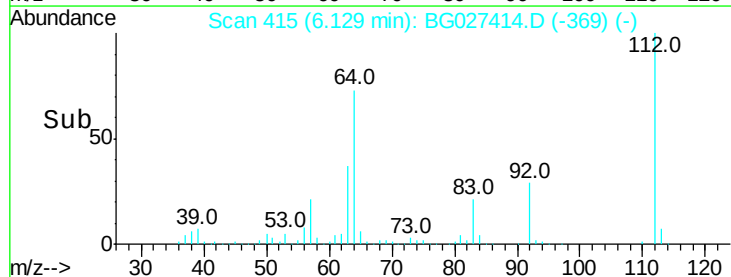
63 37.2 37.2 55.8#

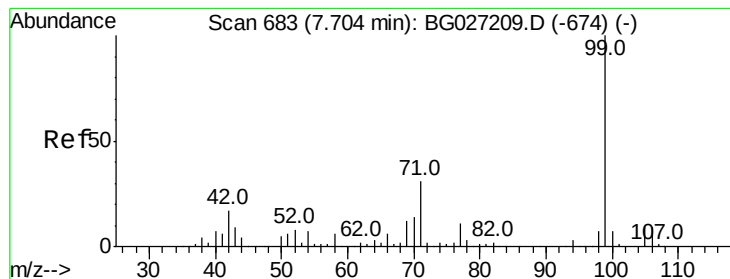


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.20 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.03 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA\_G

ClientSampleId :

BIN-5

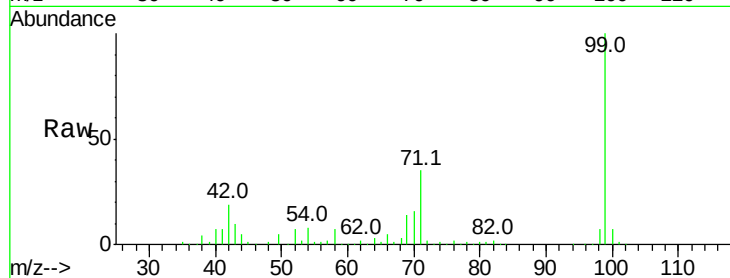
Tot Ion: 99 Resp: 602180

Ion Ratio Lower Upper

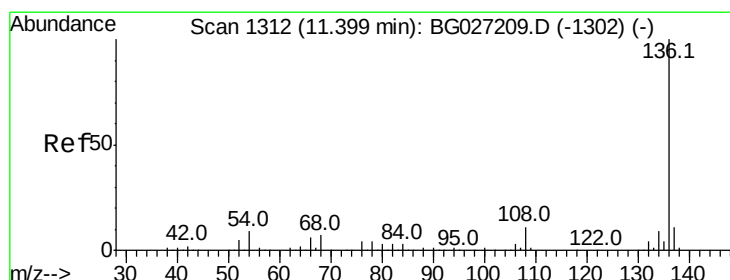
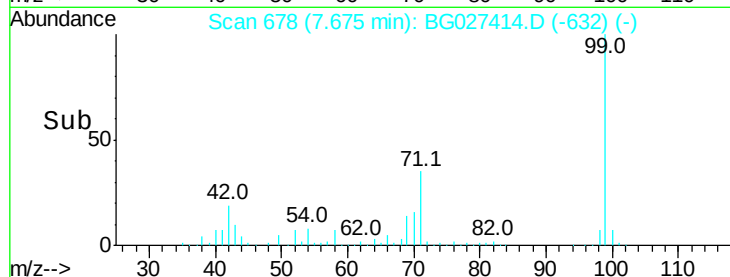
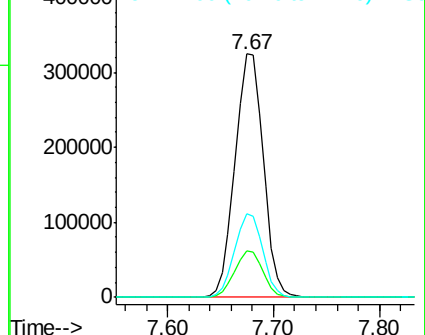
99 100

42 18.9 20.5 30.7#

71 34.5 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.35 min Scan# 1304

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Tgt Ion: 136 Resp: 244282

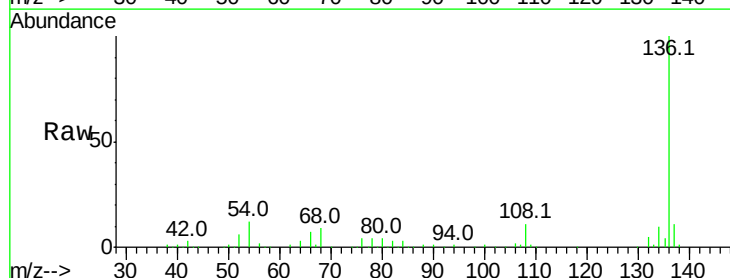
Ion Ratio Lower Upper

136 100

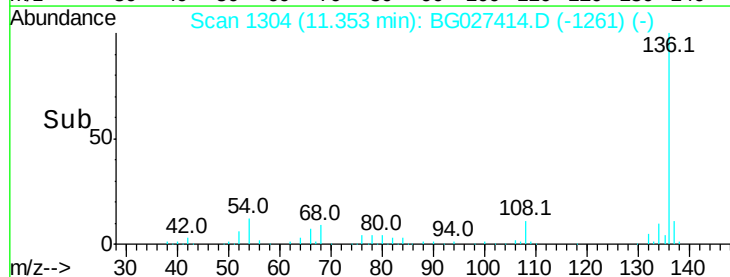
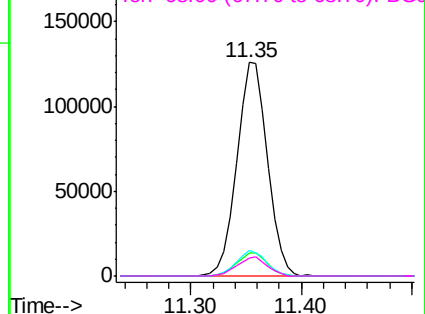
137 11.1 8.9 13.3

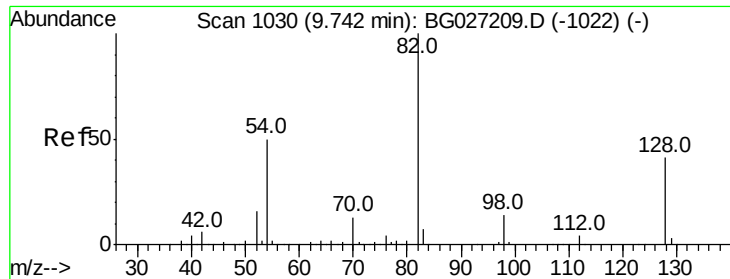
54 11.9 9.3 13.9

68 8.6 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

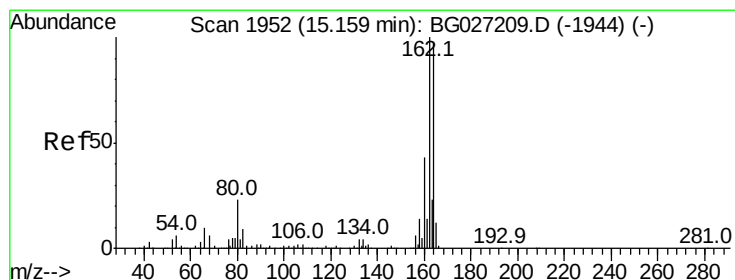
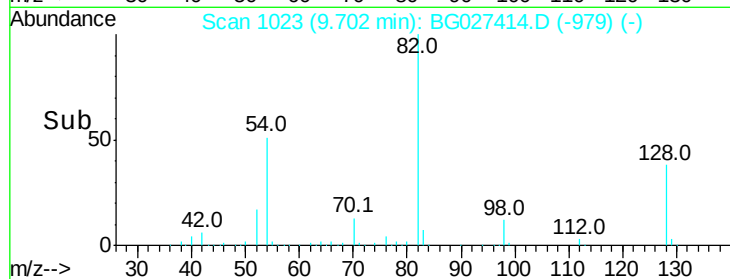
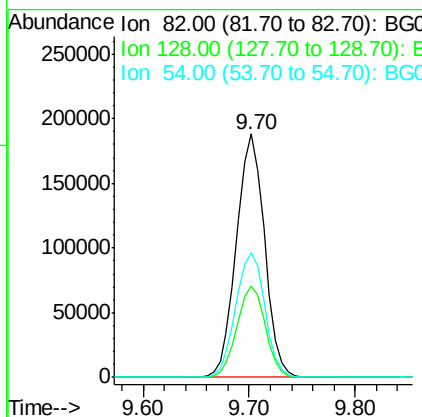
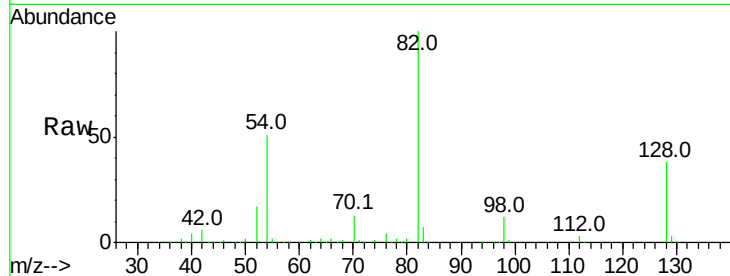




#23  
 Nitrobenzene-d5  
 Concen: 89.26 ng  
 RT: 9.70 min Scan# 1023  
 Delta R.T. -0.04 min  
 Lab File: BG027414.D  
 Acq: 14 Jun 2017 10:13

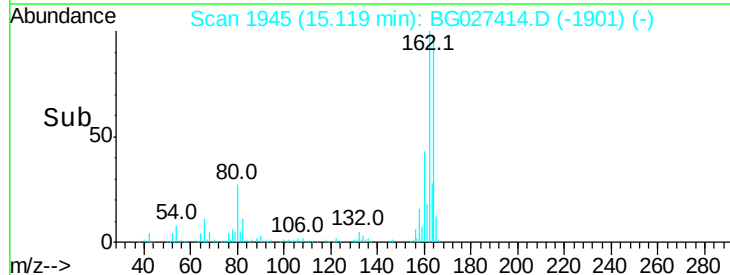
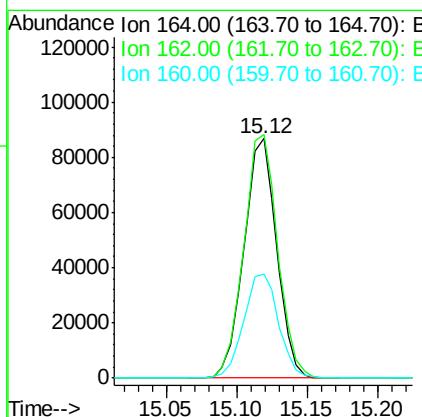
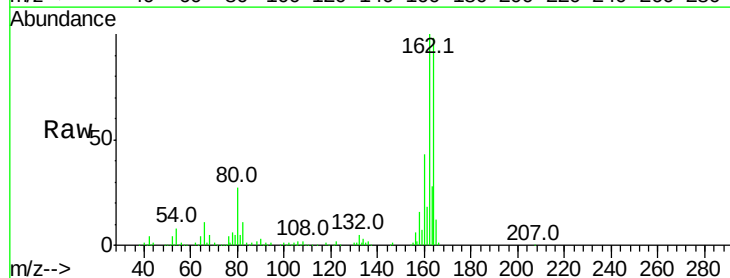
Instrument :  
 BNA\_G  
 ClientSampled :  
 BIN-5

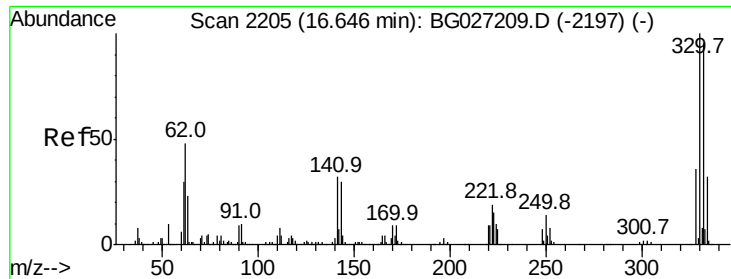
| Tot Ion | 82    | Resp  | 346699 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 37.5  | 26.4  | 39.6   |
| 54      | 51.4  | 49.4  | 74.2   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.12 min Scan# 1945  
 Delta R.T. -0.04 min  
 Lab File: BG027414.D  
 Acq: 14 Jun 2017 10:13

| Tgt Ion | 164   | Resp  | 140748 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 101.7 | 85.1  | 127.7  |
| 160     | 43.4  | 34.7  | 52.1   |

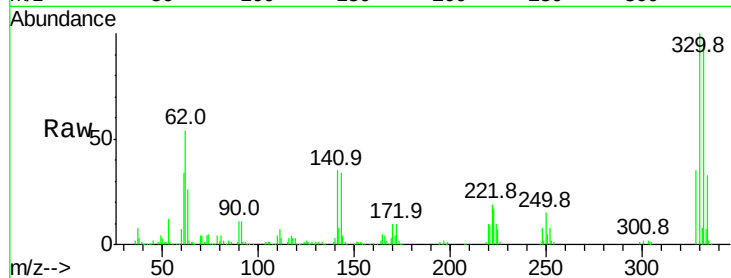




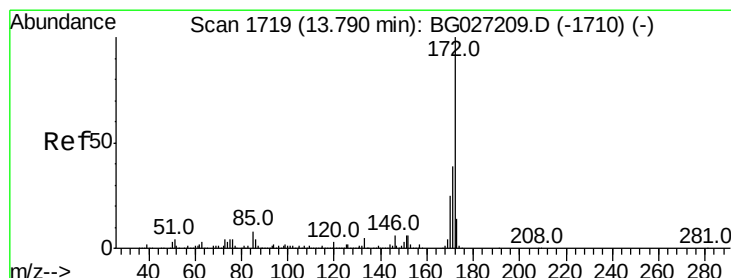
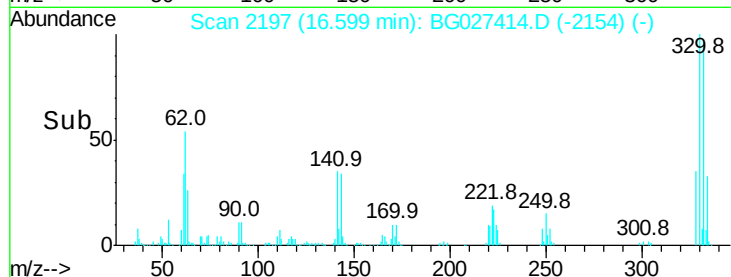
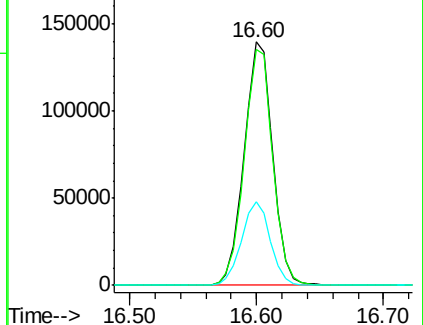
#41  
 2,4,6-Tribromophenol  
 Concen: 117.64 ng  
 RT: 16.60 min Scan# 2197  
 Delta R.T. -0.05 min  
 Lab File: BG027414.D  
 Acq: 14 Jun 2017 10:13

Instrument :  
 BNA\_G  
 ClientSampled :  
 BIN-5

Tot Ion:330 Resp: 218032  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 77.3 115.9  
 141 34.7 32.1 48.1

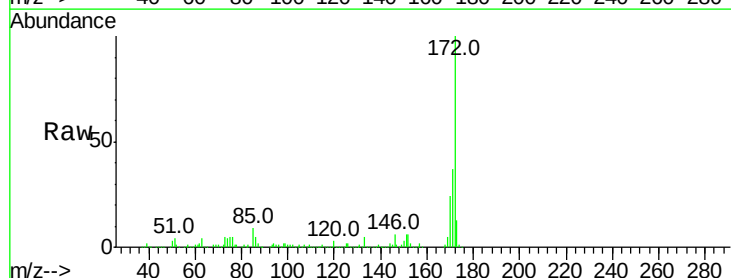


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

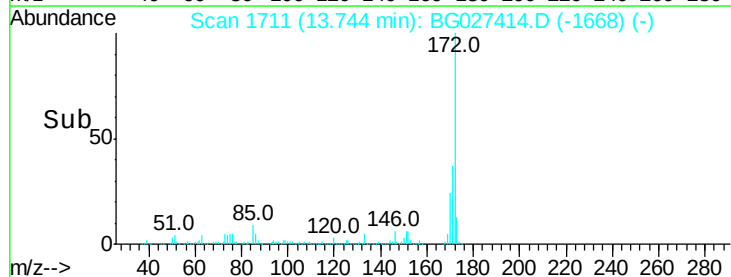
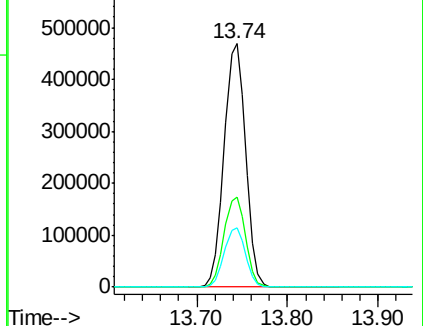


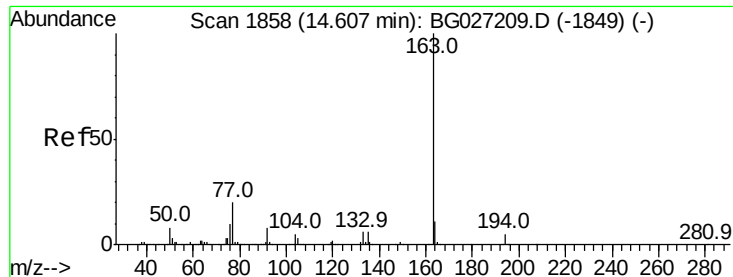
#44  
 2-Fluorobiphenyl  
 Concen: 76.67 ng  
 RT: 13.74 min Scan# 1711  
 Delta R.T. -0.05 min  
 Lab File: BG027414.D  
 Acq: 14 Jun 2017 10:13

Tgt Ion:172 Resp: 771382  
 Ion Ratio Lower Upper  
 172 100  
 171 37.1 32.2 48.2  
 170 24.4 21.8 32.6



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

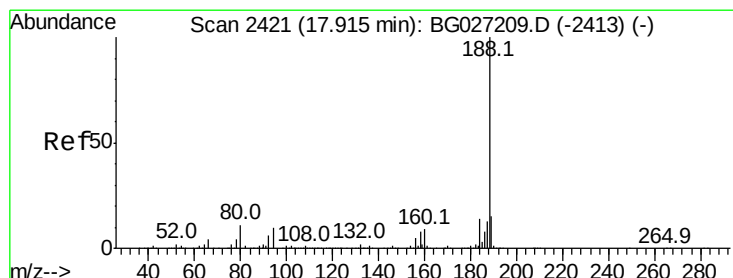
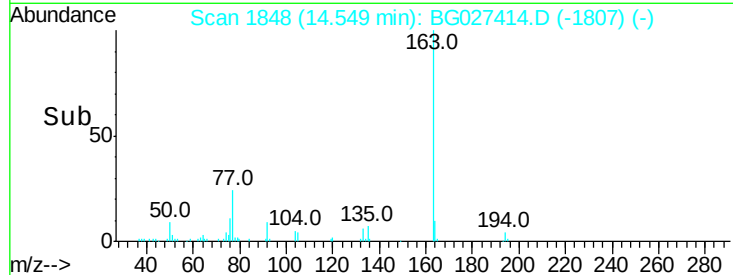
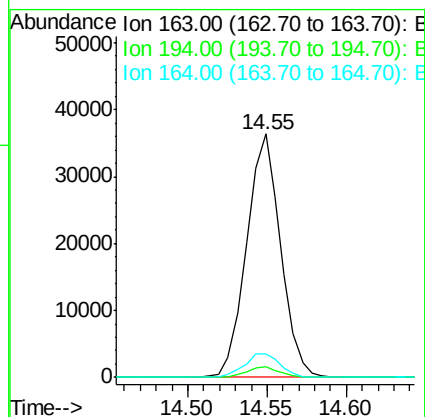
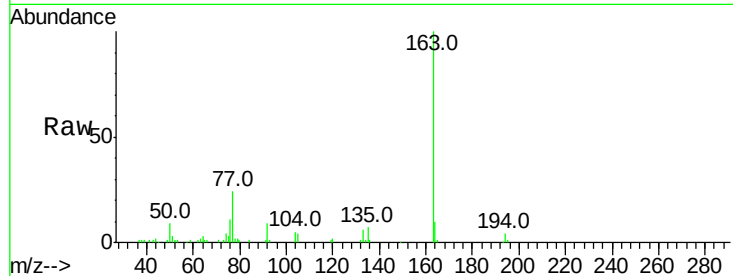




#49  
Dimethylphthalate  
Concen: 4.84 ng  
RT: 14.55 min Scan# 1848  
Delta R.T. -0.06 min  
Lab File: BG027414.D  
Acq: 14 Jun 2017 10:13

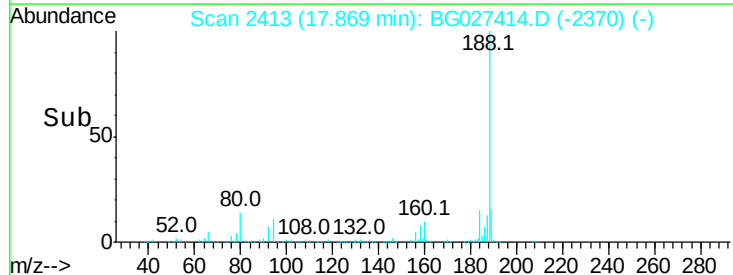
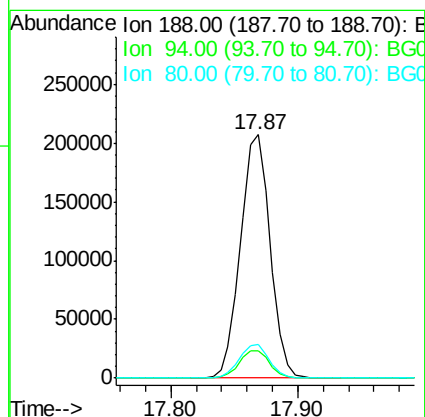
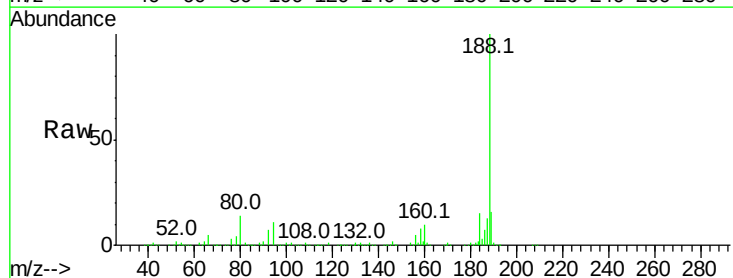
Instrument :  
BNA\_G  
ClientSampleId :  
BIN-5

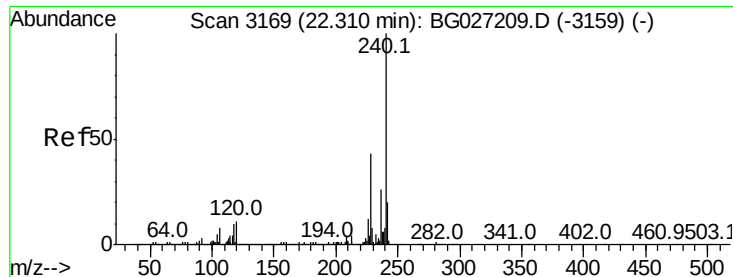
Tot Ion:163 Resp: 54034  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.8 5.6  
164 9.9 9.3 13.9



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.87 min Scan# 2413  
Delta R.T. -0.05 min  
Lab File: BG027414.D  
Acq: 14 Jun 2017 10:13

Tgt Ion:188 Resp: 335961  
Ion Ratio Lower Upper  
188 100  
94 11.0 5.8 8.8#  
80 13.8 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3158

Delta R.T. -0.06 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

Instrument :

BNA\_G

ClientSampled :

BIN-5

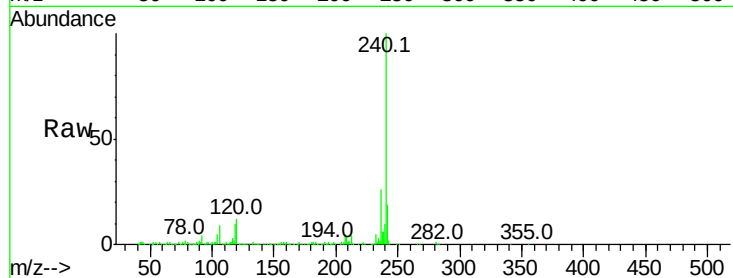
Tot Ion:240 Resp: 395040

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

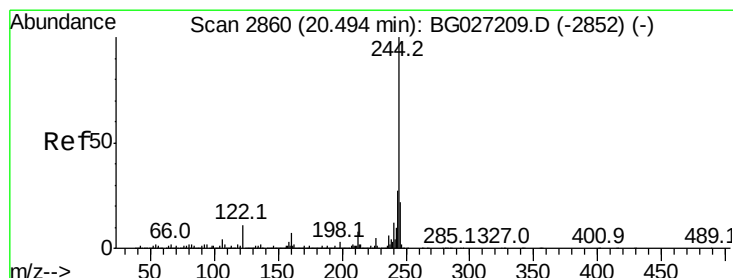
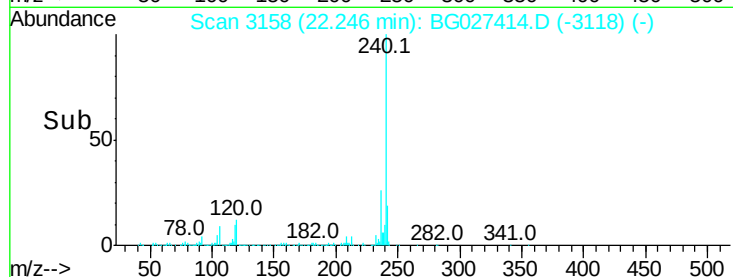
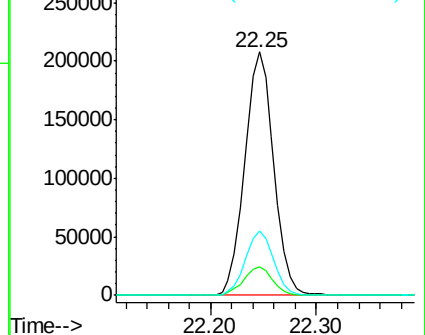
236 26.5 22.2 33.4



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: 80.75 ng

RT: 20.44 min Scan# 2851

Delta R.T. -0.05 min

Lab File: BG027414.D

Acq: 14 Jun 2017 10:13

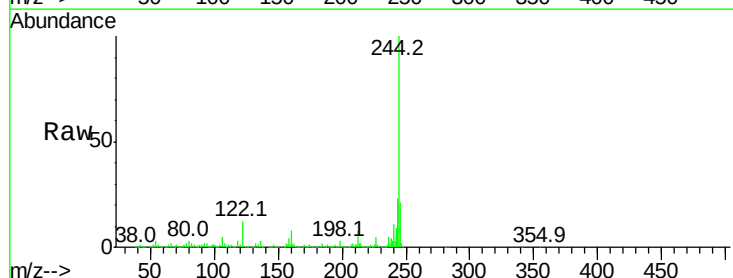
Tgt Ion:244 Resp: 1250525

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

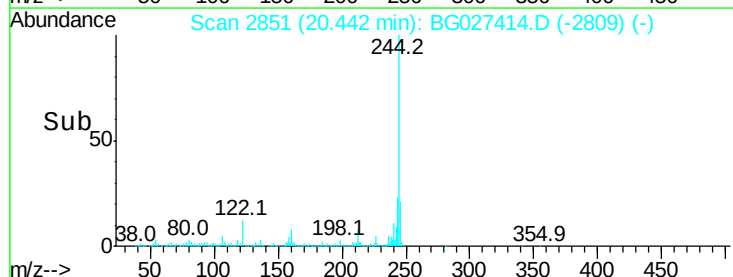
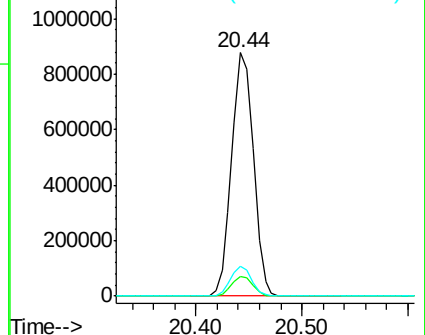
122 12.1 8.6 12.8



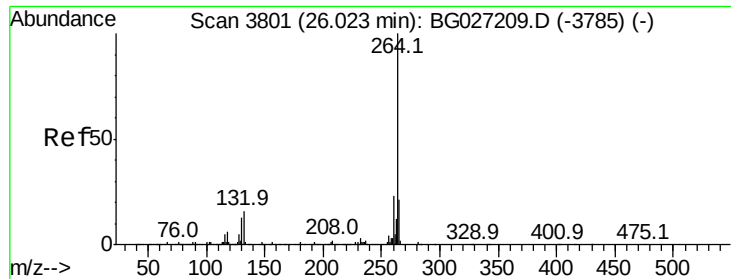
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 25.91 min Scan# 3782  
Delta R.T. -0.11 min  
Lab File: BG027414.D  
Acq: 14 Jun 2017 10:13

Instrument :  
BNA\_G  
ClientSampleId :  
BIN-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 21.8  | 32.8  |
| 265     | 21.6  | 18.2  | 27.4  |

