

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121718\  
 Data File : BG038667.D  
 Acq On : 17 Dec 2018 17:43  
 Operator : JU/SJ  
 Sample : J6357-10  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-01B

Quant Time: Dec 18 03:32:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

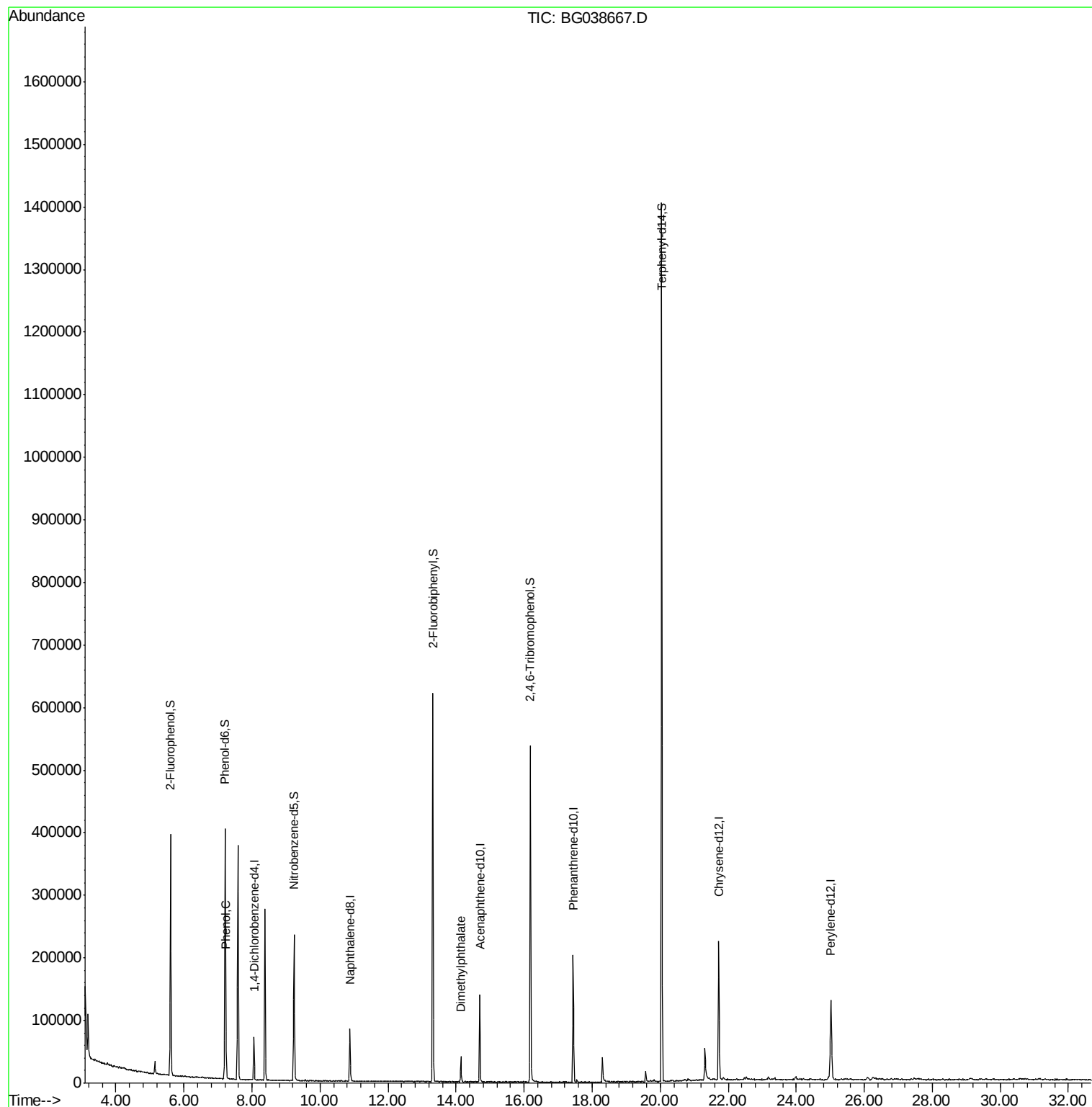
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 19188    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.88 | 136  | 74410    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.70 | 164  | 49837    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 132365   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 145094   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.02 | 264  | 153034   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 161856   | 149.61 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 215434   | 145.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 141818   | 97.37  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 105138   | 153.07 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 328535   | 90.43  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 667670   | 100.15 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.24  | 94   | 14642    | 9.280  | ng    | 90       |
| 50) Dimethylphthalate       | 14.14 | 163  | 27852    | 6.843  | ng    | 100      |

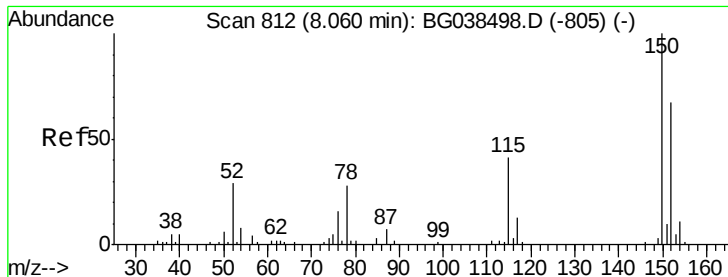
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121718\  
Data File : BG038667.D  
Acq On : 17 Dec 2018 17:43  
Operator : JU/SJ  
Sample : J6357-10  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-01B

Quant Time: Dec 18 03:32:14 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 12 15:26:27 2018  
Response via : Initial Calibration



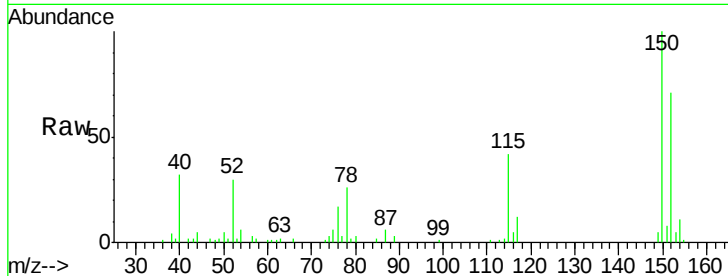


#1

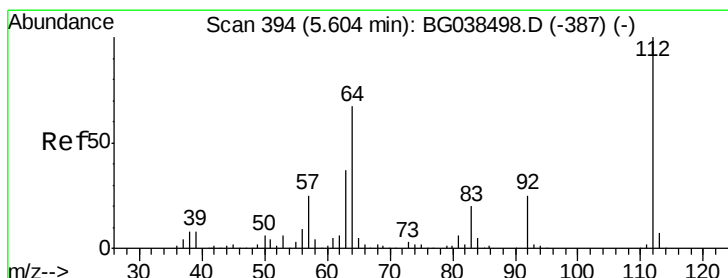
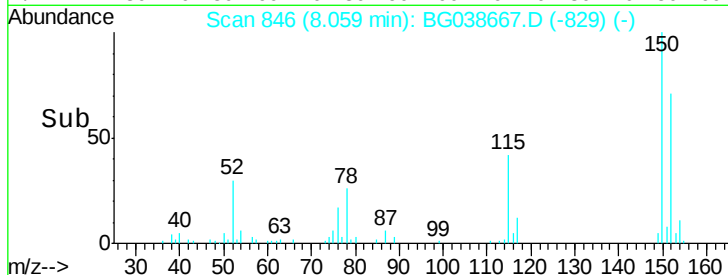
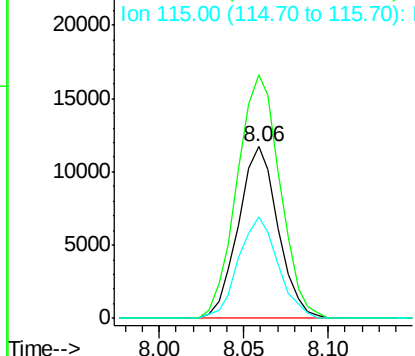
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Instrument :  
BNA\_G  
ClientSampleId :  
SB-01B

Tgt Ion:152 Resp: 19188  
Ion Ratio Lower Upper  
152 100  
150 141.7 119.5 179.3  
115 59.3 49.6 74.4



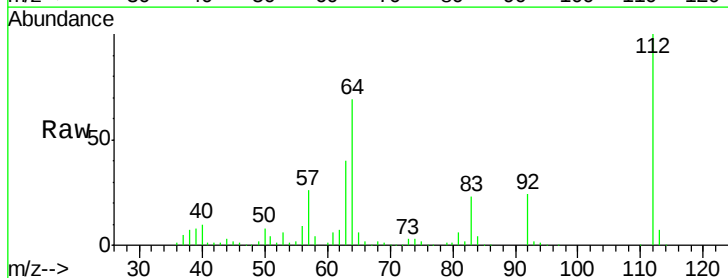
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



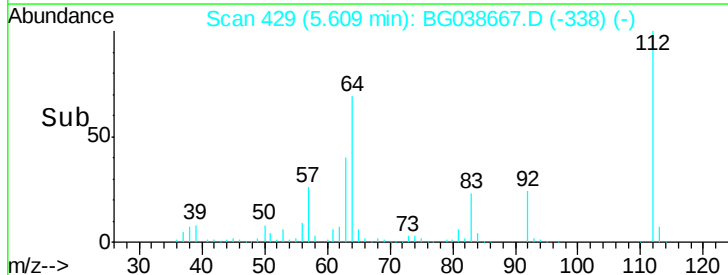
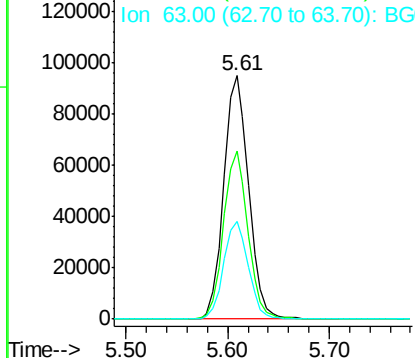
#5

2-Fluorophenol  
Concen: 149.612 ng  
RT: 5.61 min Scan# 429  
Delta R.T. 0.01 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Tgt Ion:112 Resp: 161856  
Ion Ratio Lower Upper  
112 100  
64 68.9 53.4 80.2  
63 40.1 29.3 43.9



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: 145.059 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA\_G

ClientSampleId :

SB-01B

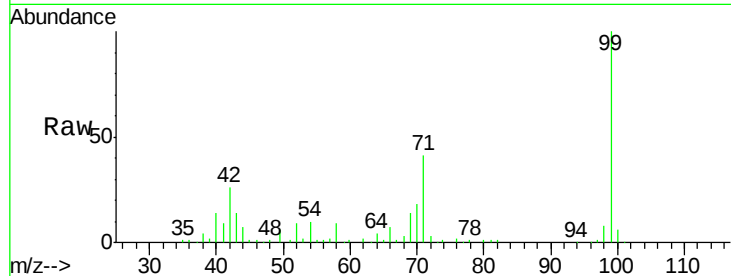
Tgt Ion: 99 Resp: 215434

Ion Ratio Lower Upper

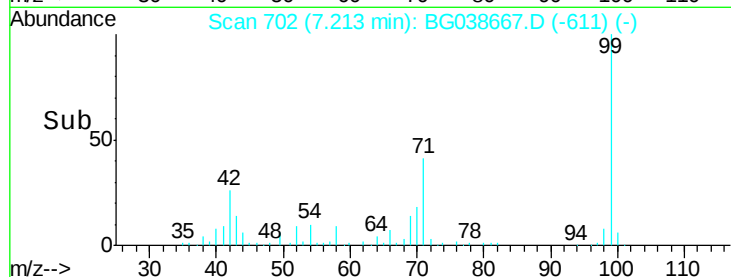
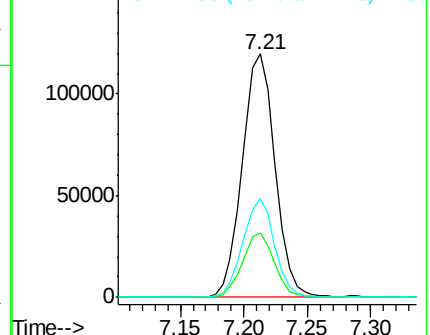
99 100

42 26.3 18.5 27.7

71 40.7 31.1 46.7



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



#10

Phenol

Concen: 9.280 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

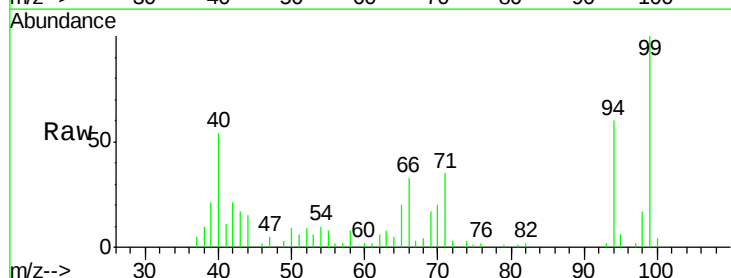
Tgt Ion: 94 Resp: 14642

Ion Ratio Lower Upper

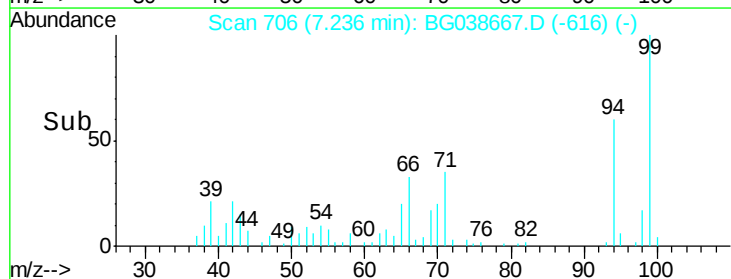
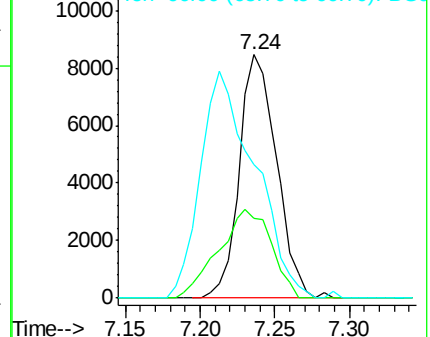
94 100

65 32.6 12.6 52.6

66 55.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

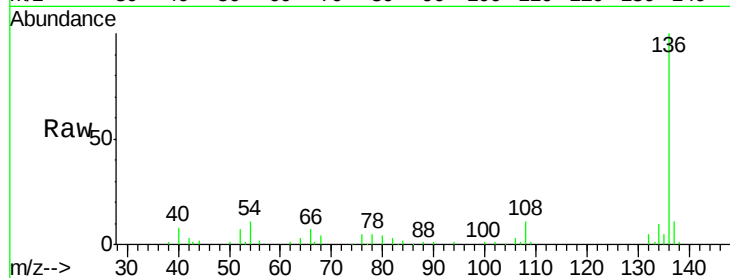




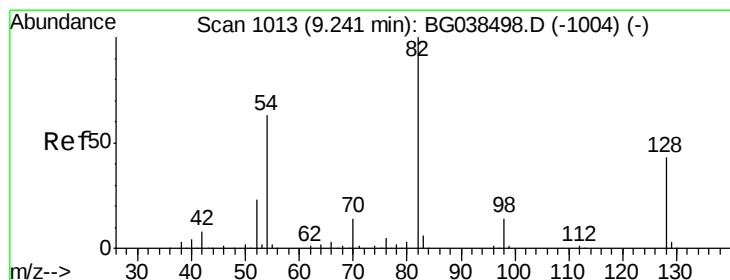
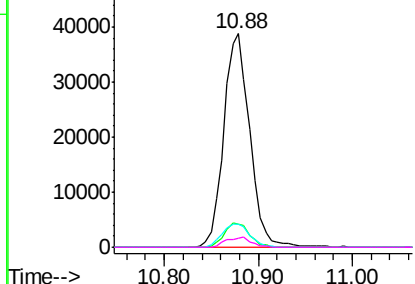
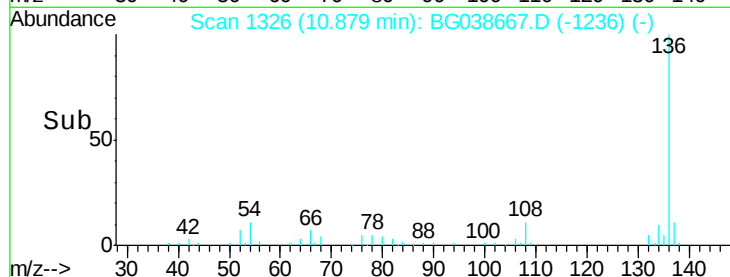
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Instrument :  
BNA\_G  
ClientSampleId :  
SB-01B

Tgt Ion: 136 Resp: 74410  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.3 13.9  
54 10.5 8.5 12.7  
68 4.3 3.5 5.3

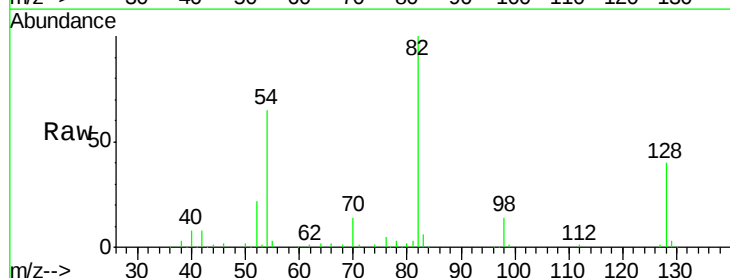


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

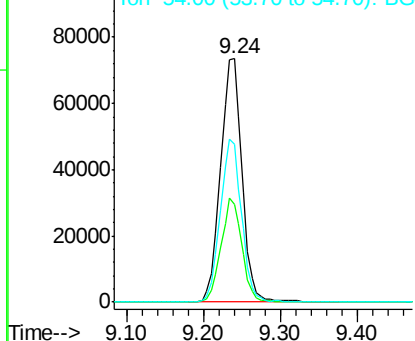
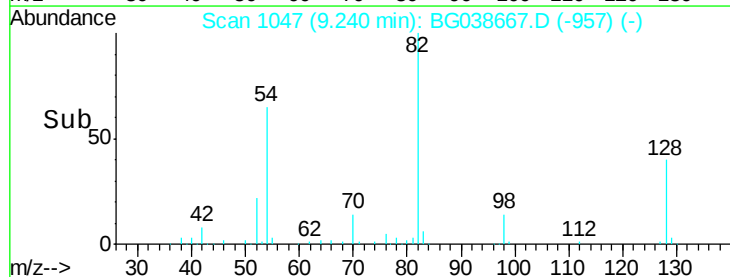


#23  
Nitrobenzene-d5  
Concen: 97.367 ng  
RT: 9.24 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Tgt Ion: 82 Resp: 141818  
Ion Ratio Lower Upper  
82 100  
128 40.0 34.6 52.0  
54 65.0 50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA\_G

ClientSampleId :

SB-01B

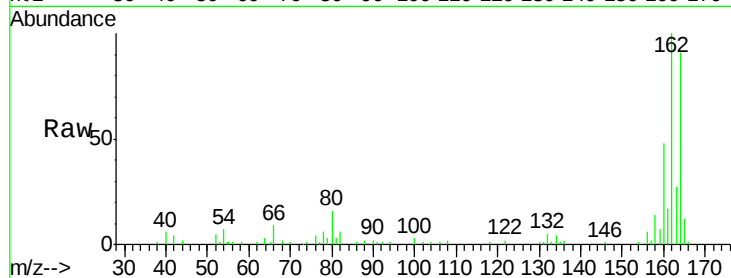
Tgt Ion:164 Resp: 49837

Ion Ratio Lower Upper

164 100

162 109.9 86.6 130.0

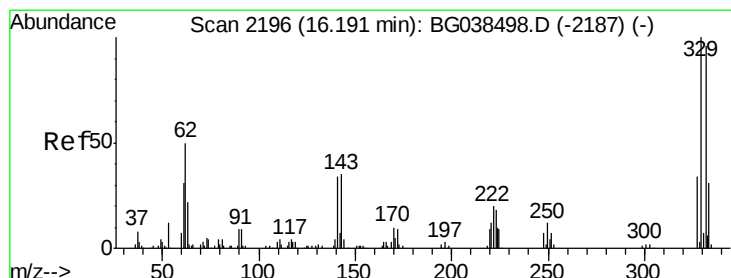
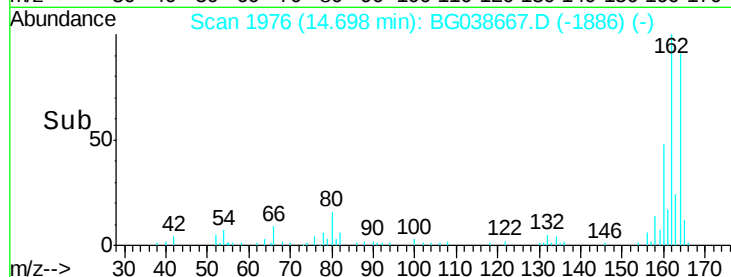
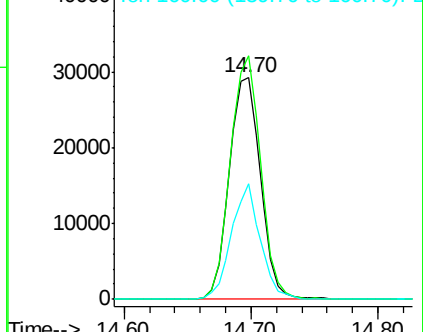
160 52.4 34.2 51.2#



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



#42

2,4,6-Tribromophenol

Concen: 153.074 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

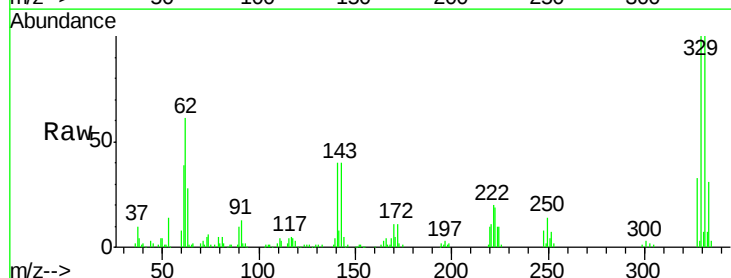
Tgt Ion:330 Resp: 105138

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

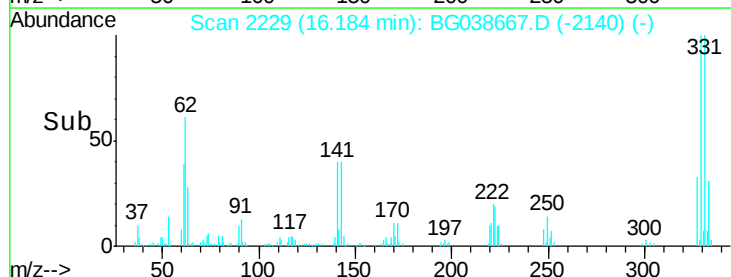
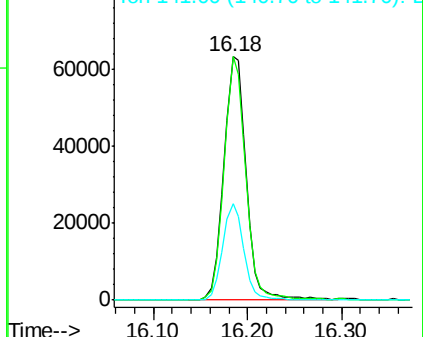
141 37.6 28.8 43.2



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

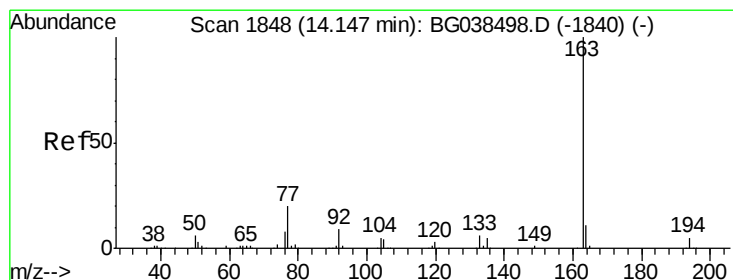
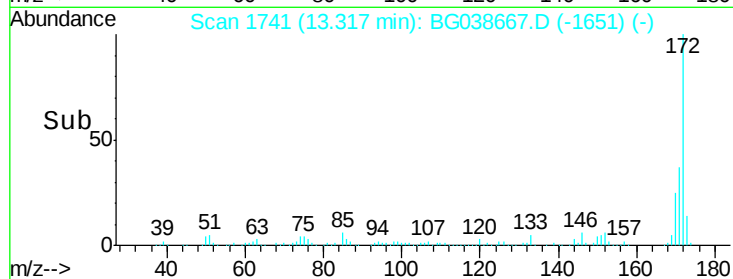
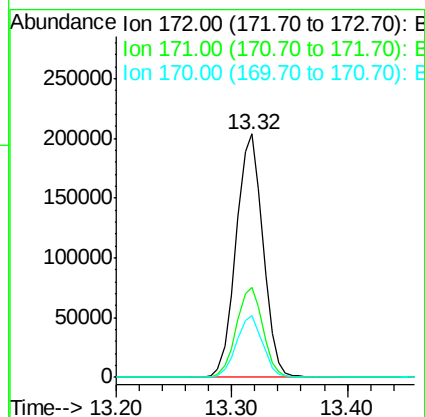
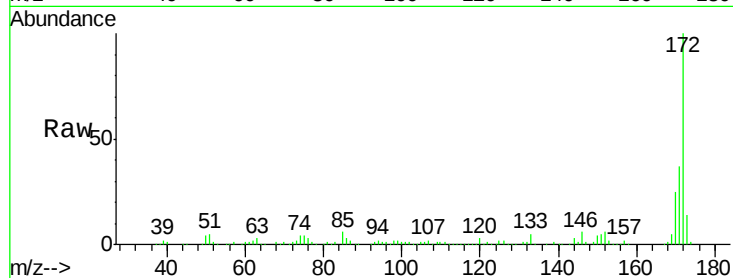




#45  
 2-Fluorobiphenyl  
 Concen: 90.435 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG038667.D  
 Acq: 17 Dec 2018 17:43

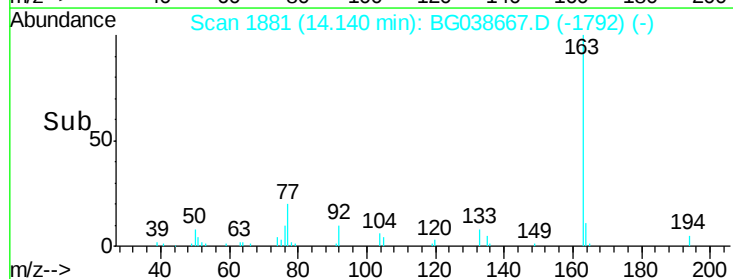
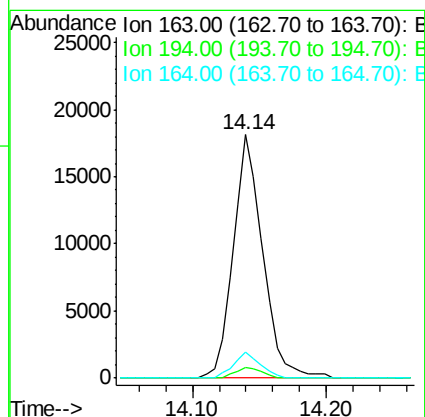
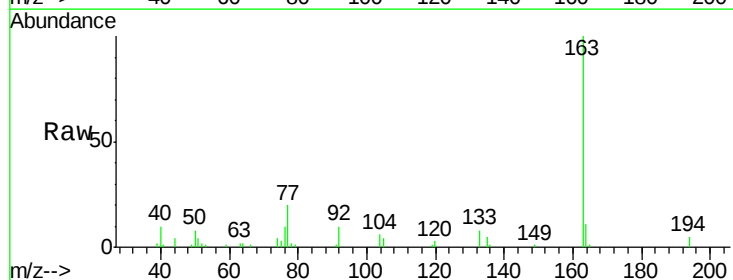
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-01B

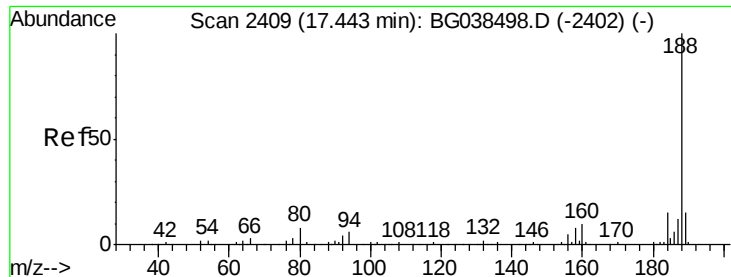
Tgt Ion:172 Resp: 328535  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 29.8 44.6  
 170 25.3 19.5 29.3



#50  
 Dimethylphthalate  
 Concen: 6.843 ng  
 RT: 14.14 min Scan# 1881  
 Delta R.T. -0.01 min  
 Lab File: BG038667.D  
 Acq: 17 Dec 2018 17:43

Tgt Ion:163 Resp: 27852  
 Ion Ratio Lower Upper  
 163 100  
 194 4.6 3.7 5.5  
 164 10.5 8.6 12.8

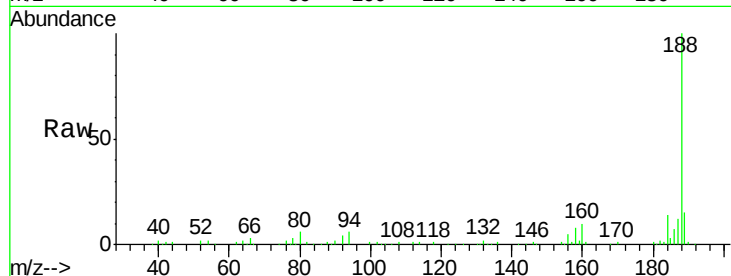




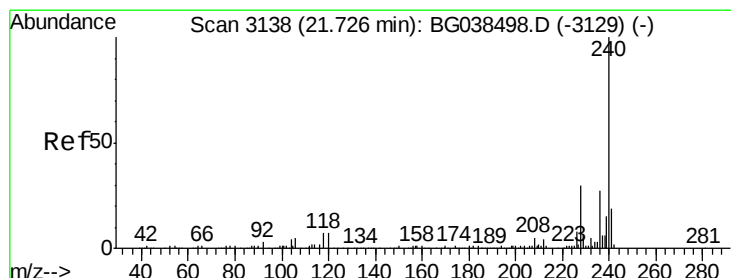
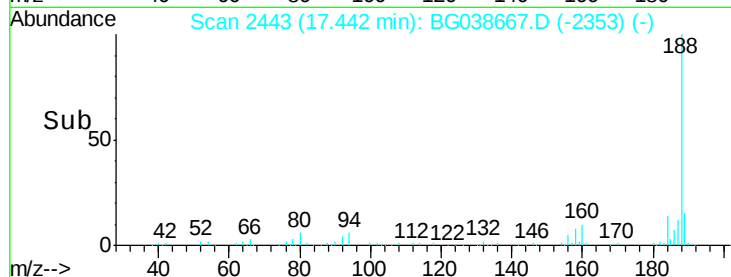
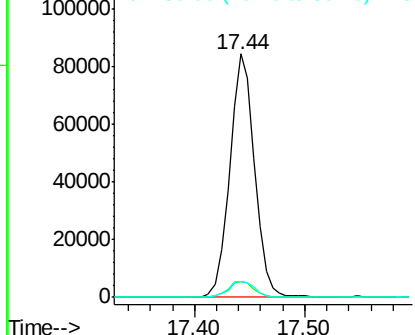
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Instrument :  
BNA\_G  
ClientSampled :  
SB-01B

Tgt Ion:188 Resp: 132365  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.1 7.7  
80 6.4 6.1 9.1

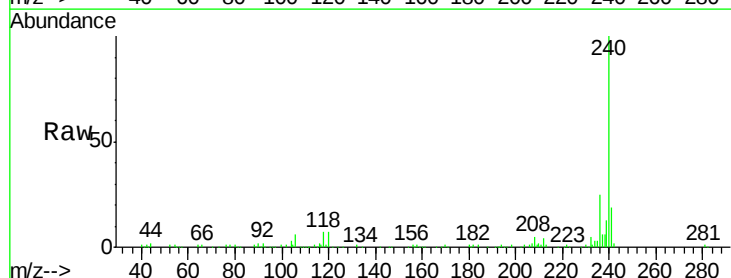


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGO  
Ion 80.00 (79.70 to 80.70): BGO

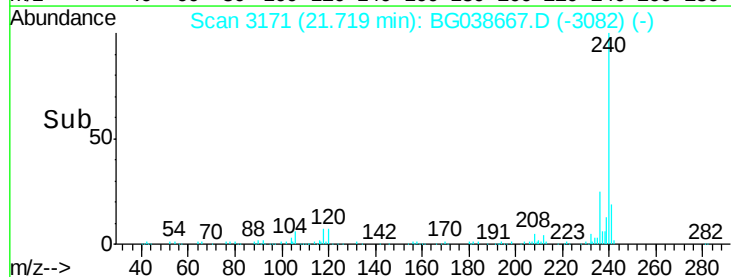
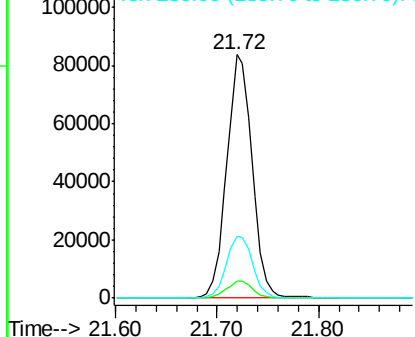


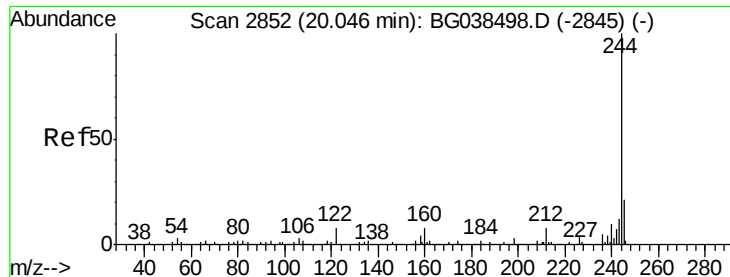
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. -0.01 min  
Lab File: BG038667.D  
Acq: 17 Dec 2018 17:43

Tgt Ion:240 Resp: 145094  
Ion Ratio Lower Upper  
240 100  
120 6.9 5.3 7.9  
236 25.4 21.4 32.2



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





#79

Terphenyl-d14

Concen: 100.147 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA\_G

ClientSampleId :

SB-01B

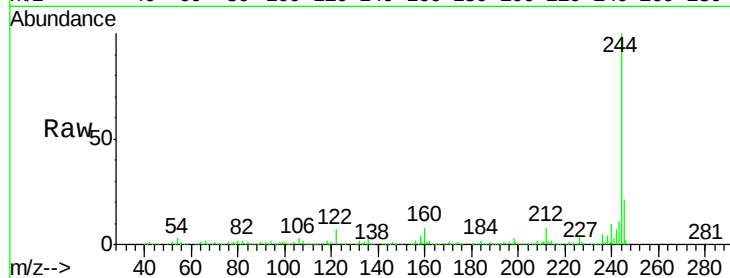
Tgt Ion:244 Resp: 667670

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

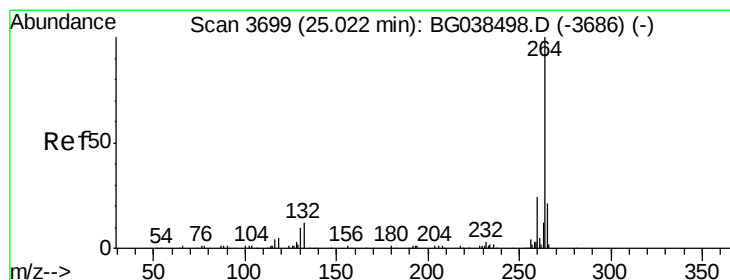
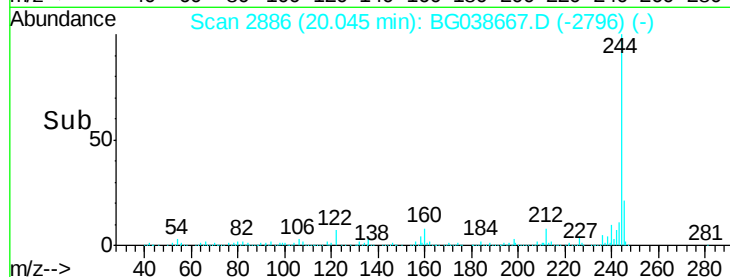
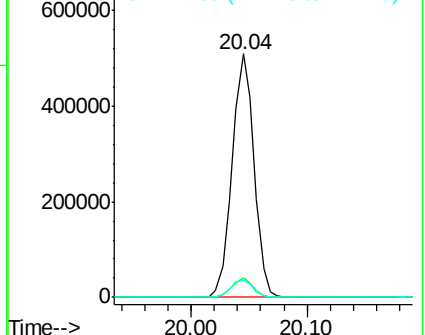
122 7.1 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

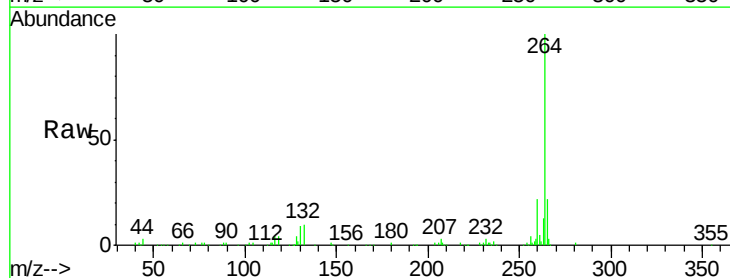
Tgt Ion:264 Resp: 153034

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 22.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

