

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\  
 Data File : BG035412.D  
 Acq On : 26 Jun 2018 16:21  
 Operator : JU/SJ  
 Sample : PB110586BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110586BL

Quant Time: Jun 26 19:17:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 60178    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.85 | 136  | 220723   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.67 | 164  | 152868   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.42 | 188  | 406002   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.68 | 240  | 433101   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 24.89 | 264  | 400192   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 499968   | 140.21 | ng    | -0.01    |
| 7) Phenol-d6                | 7.21  | 99   | 718091   | 136.44 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 461917   | 99.48  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 328176   | 167.70 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 1081010  | 91.93  | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.02 | 244  | 1881464  | 91.00  | ng    | -0.02    |

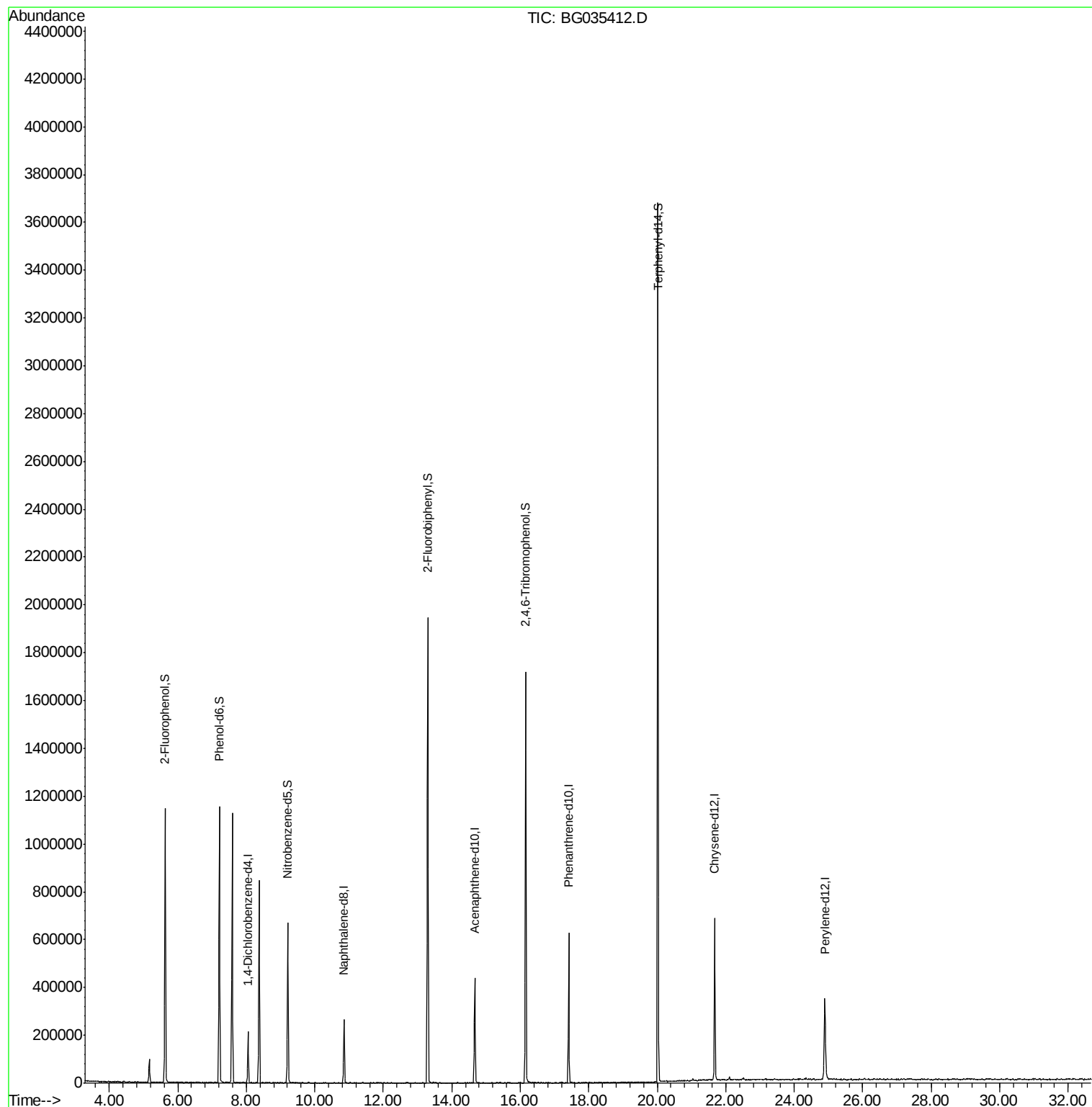
Target Compounds Qvalue

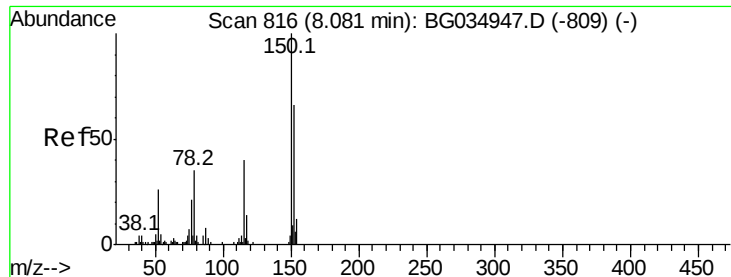
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\  
Data File : BG035412.D  
Acq On : 26 Jun 2018 16:21  
Operator : JU/SJ  
Sample : PB110586BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB110586BL

Quant Time: Jun 26 19:17:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 08 17:16:28 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA\_G

ClientSampleId :

PB110586BL

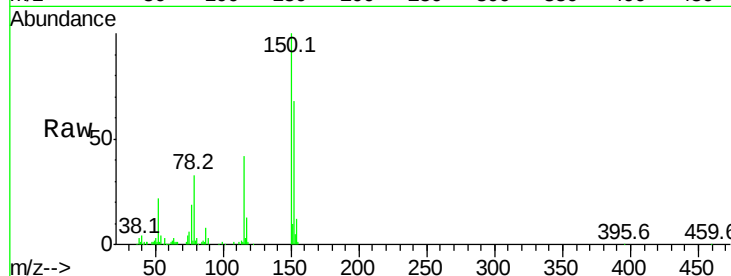
Tot Ion:152 Resp: 60178

Ion Ratio Lower Upper

152 100

150 146.7 126.6 189.8

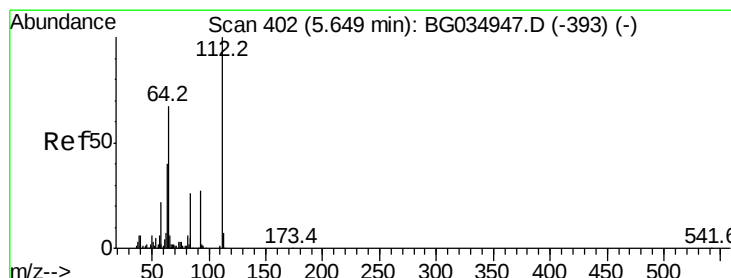
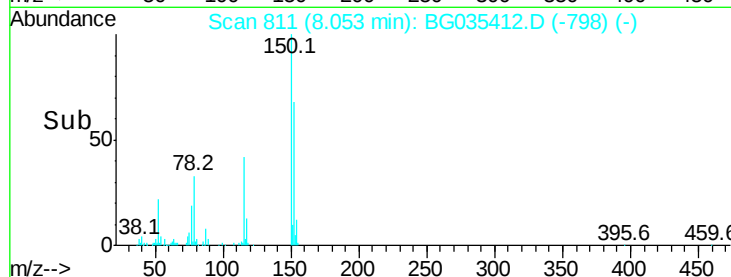
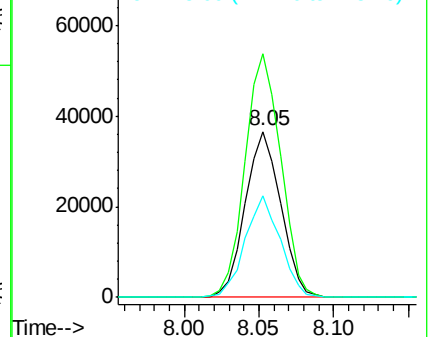
115 60.9 53.0 79.4



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: 140.209 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

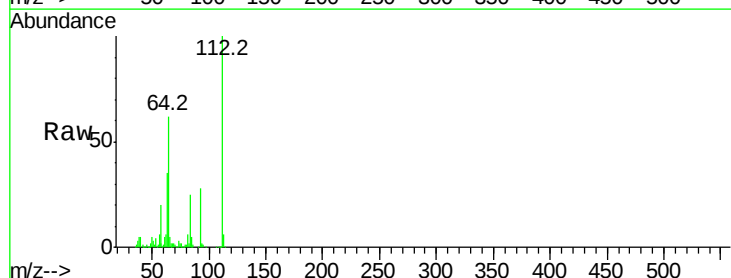
Tgt Ion:112 Resp: 499968

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

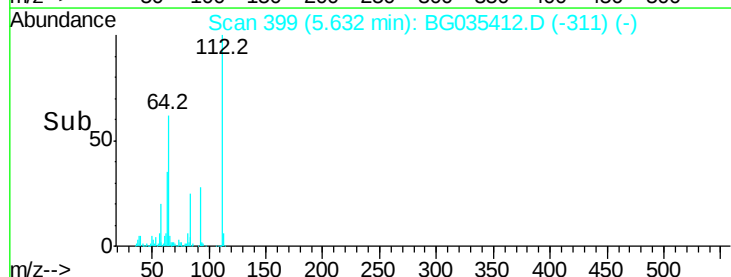
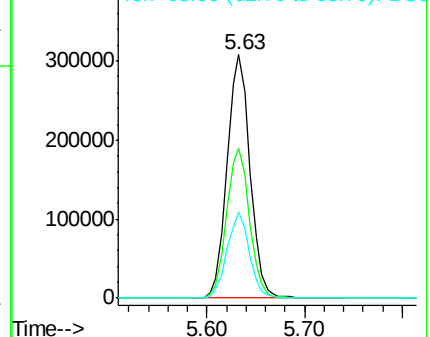
63 35.2 30.1 45.1

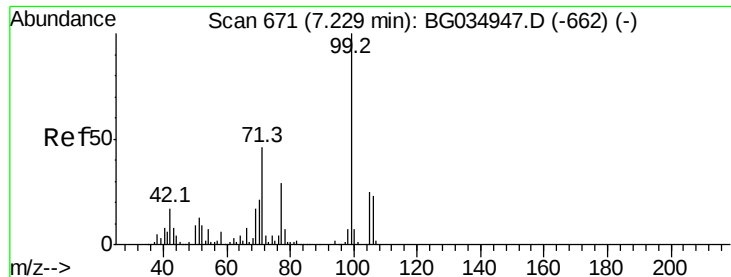


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 136.441 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA\_G

ClientSampleId :

PB110586BL

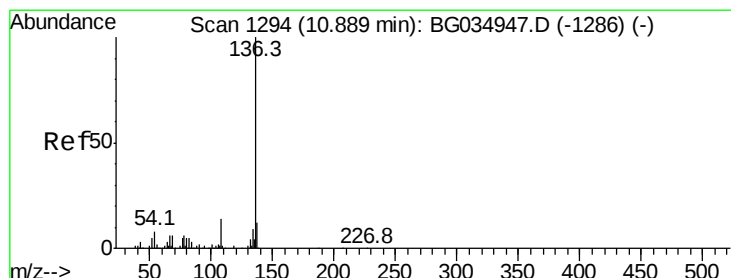
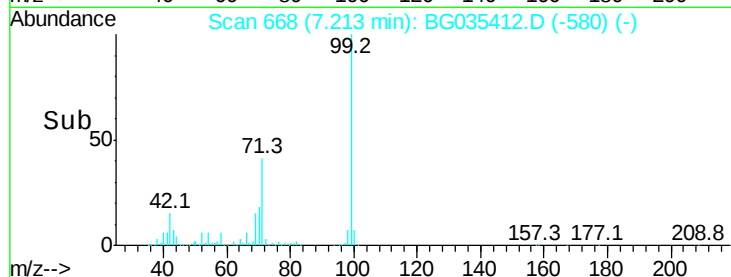
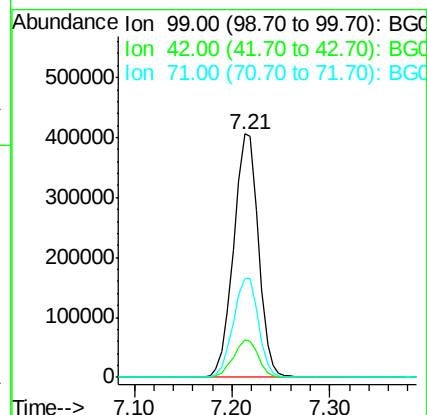
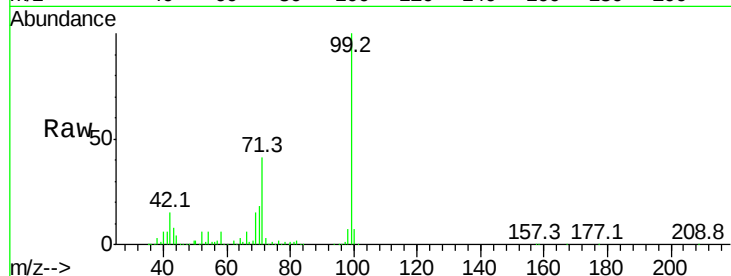
Tot Ion: 99 Resp: 718091

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 40.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

Tgt Ion:136 Resp: 220723

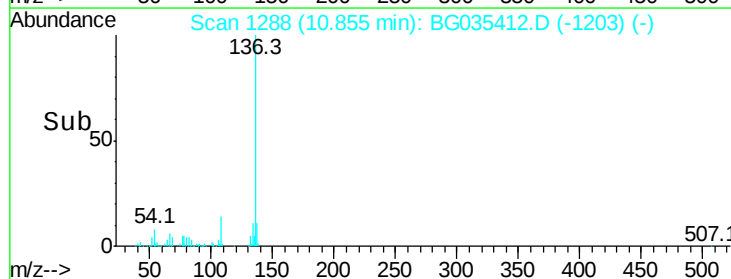
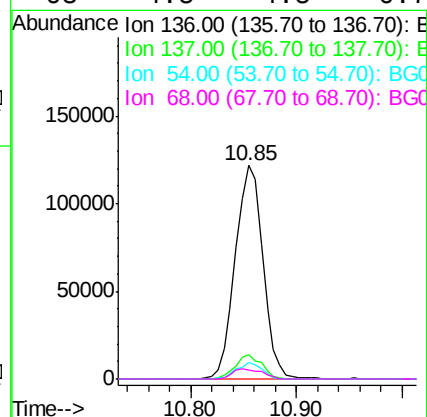
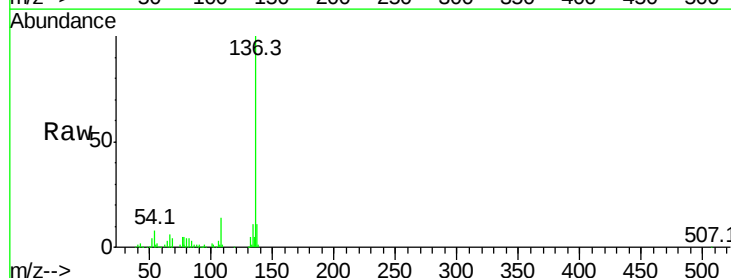
Ion Ratio Lower Upper

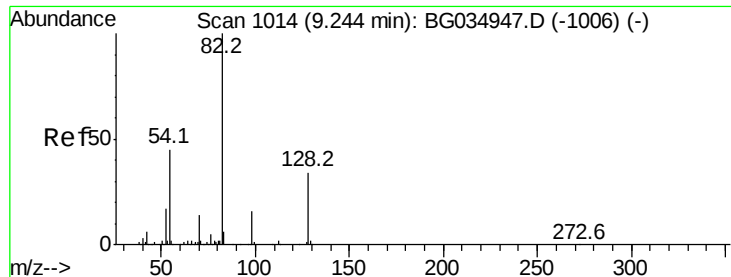
136 100

137 11.3 9.2 13.8

54 7.8 10.3 15.5#

68 4.5 4.5 6.7

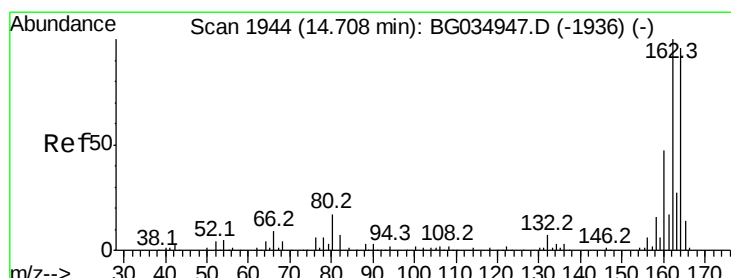
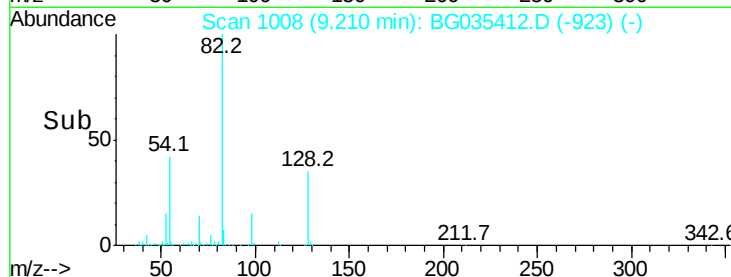
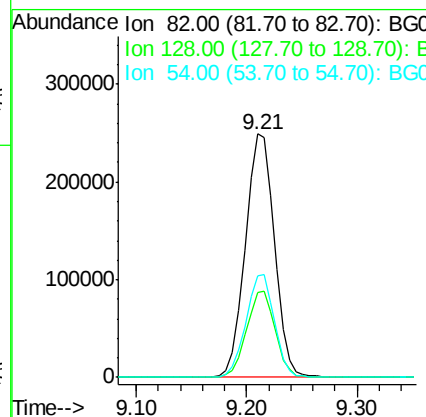
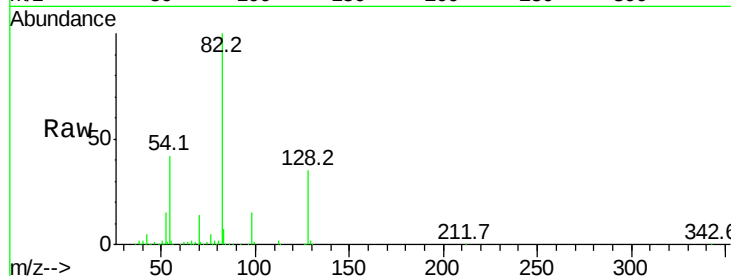




#23  
Nitrobenzene-d5  
Concen: 99.477 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. -0.03 min  
Lab File: BG035412.D  
Acq: 26 Jun 2018 16:21

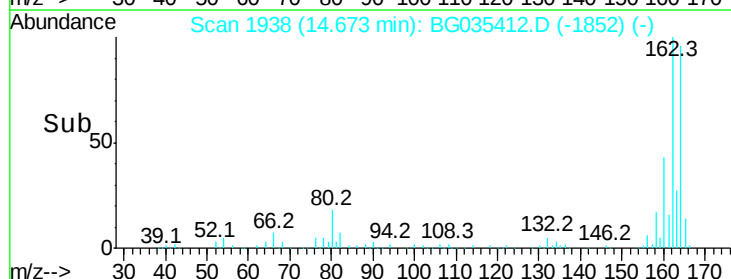
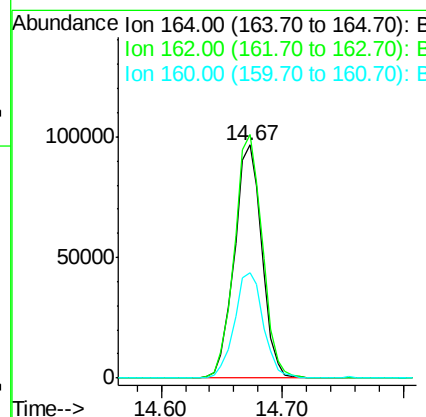
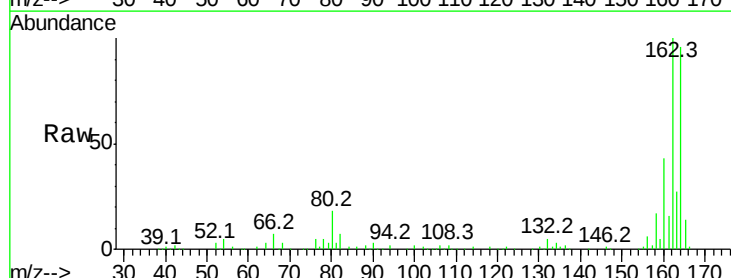
Instrument :  
BNA\_G  
ClientSampleId :  
PB110586BL

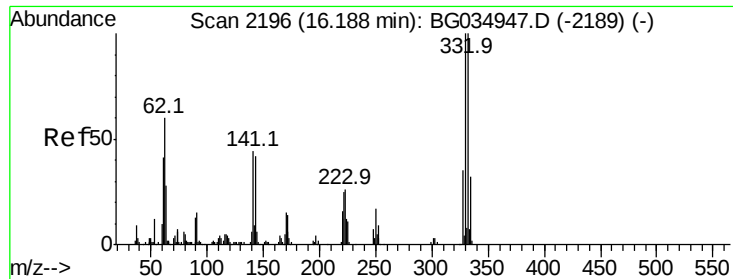
Tot Ion: 82 Resp: 461917  
Ion Ratio Lower Upper  
82 100  
128 35.1 29.7 44.5  
54 41.8 43.1 64.7#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1938  
Delta R.T. -0.02 min  
Lab File: BG035412.D  
Acq: 26 Jun 2018 16:21

Tgt Ion:164 Resp: 152868  
Ion Ratio Lower Upper  
164 100  
162 104.6 78.8 118.2  
160 45.3 35.4 53.0

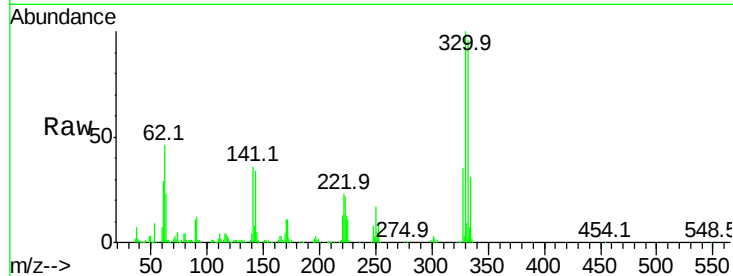




#41  
 2,4,6-Tribromophenol  
 Concen: 167.702 ng  
 RT: 16.16 min Scan# 2191  
 Delta R.T. -0.02 min  
 Lab File: BG035412.D  
 Acq: 26 Jun 2018 16:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110586BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.2  | 77.0  | 115.6 |
| 141     | 34.6  | 25.2  | 37.8  |

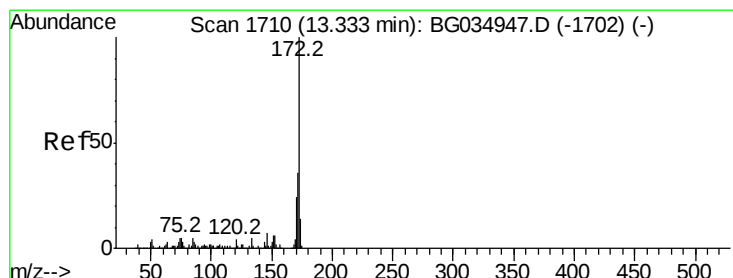
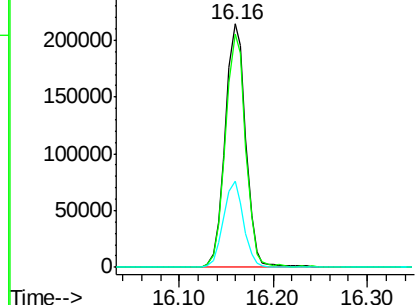
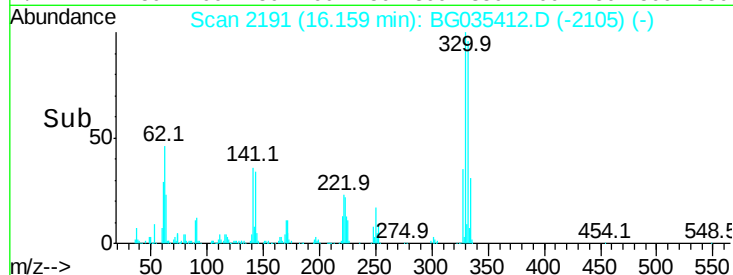


Abundance

Ion 329.80 (329.50 to 330.50): E

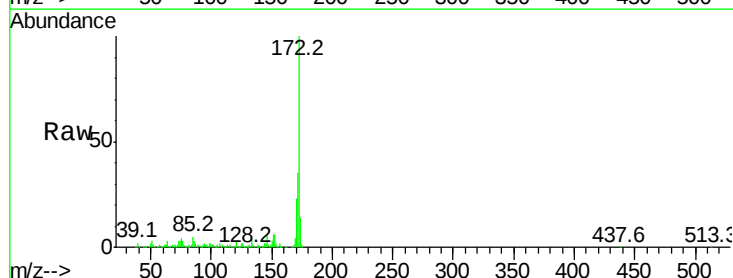
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 91.930 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.03 min  
 Lab File: BG035412.D  
 Acq: 26 Jun 2018 16:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 30.0  | 45.0  |
| 170     | 23.4  | 19.5  | 29.3  |

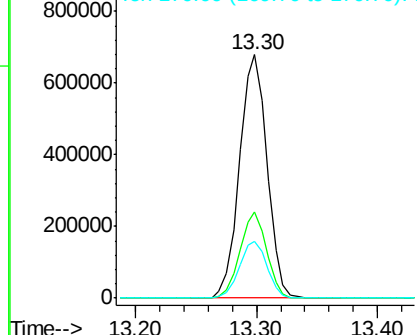
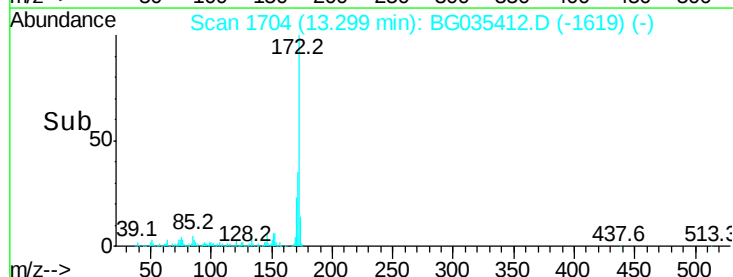


Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA\_G

ClientSampleId :

PB110586BL

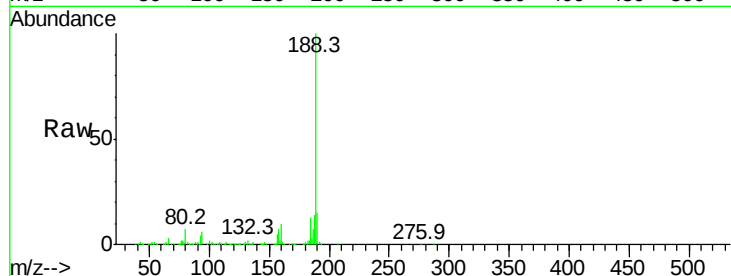
Tot Ion:188 Resp: 406002

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

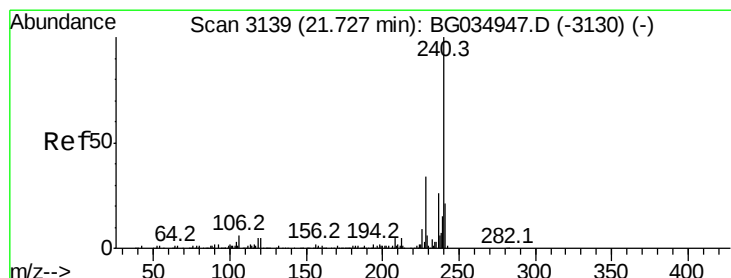
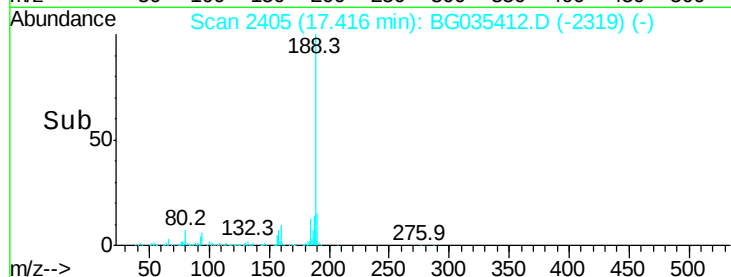
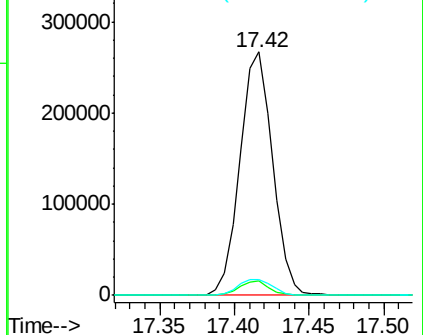
80 6.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

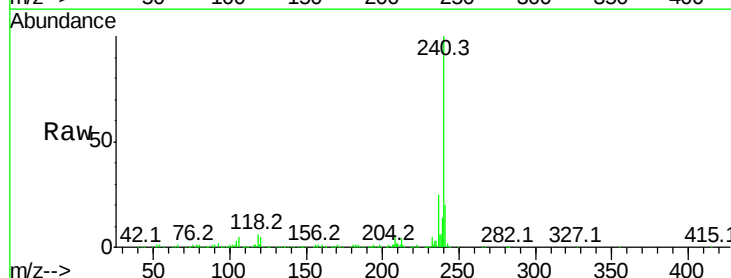
Tgt Ion:240 Resp: 433101

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

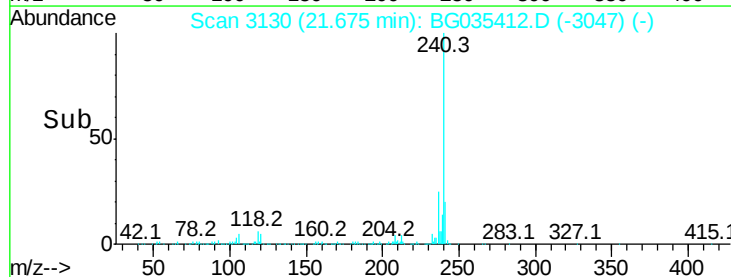
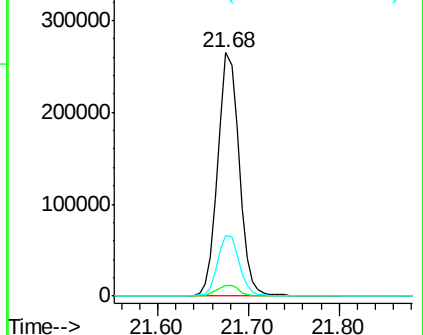
236 25.1 20.9 31.3



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: 90.996 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA\_G

ClientSampleId :

PB110586BL

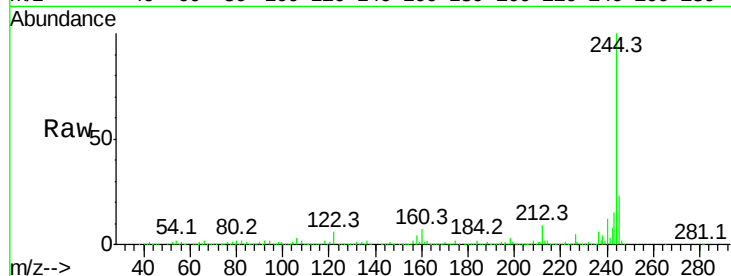
Tot Ion:244 Resp: 1881464

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

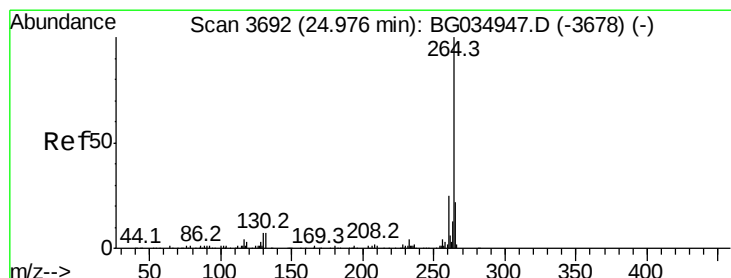
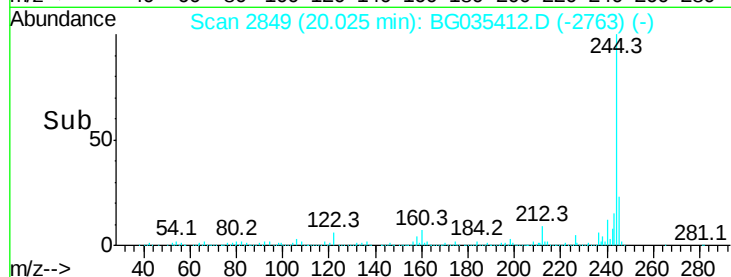
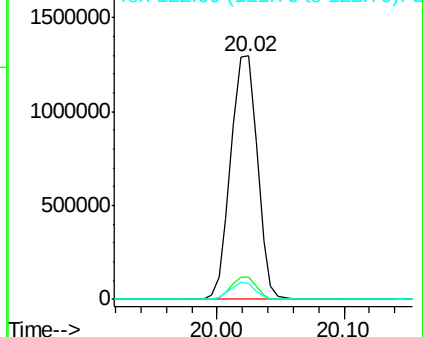
122 6.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035412.D

Acq: 26 Jun 2018 16:21

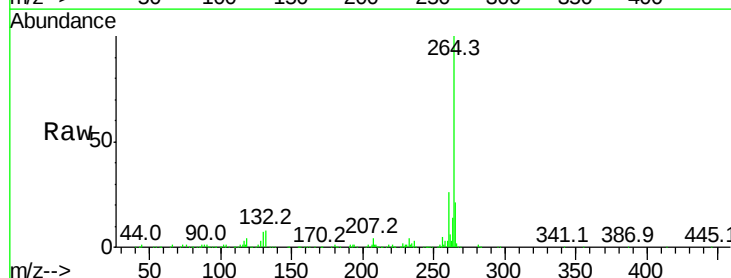
Tgt Ion:264 Resp: 400192

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 21.5 17.7 26.5



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

