

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\  
 Data File : BG035232.D  
 Acq On : 19 Jun 2018 1:01  
 Operator : SJ/JU  
 Sample : PB110293TB  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110293TB

Quant Time: Jun 19 07:27:40 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   | 8.06  | 152  | 49802    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.87 | 136  | 169595   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 14.68 | 164  | 112111   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 17.43 | 188  | 316909   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 21.69 | 240  | 425895   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 24.92 | 264  | 396953   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.64  | 112  | 414584   | 140.49 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 574066   | 131.80 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 375029   | 105.11 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 248445   | 173.11 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 827902   | 96.00  | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.03 | 244  | 1789519  | 88.01  | ng    | -0.02    |

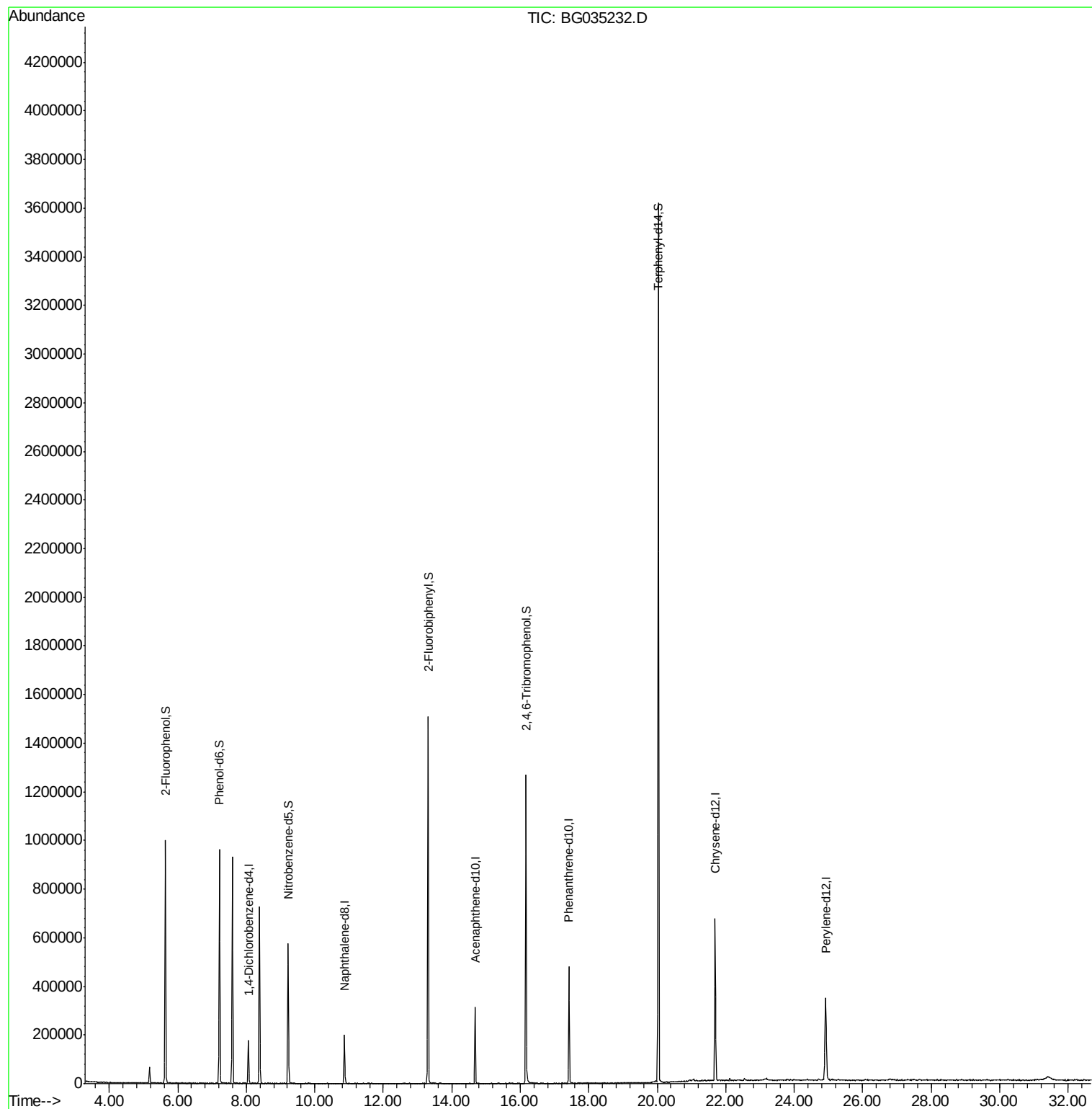
Target Compounds Qvalue

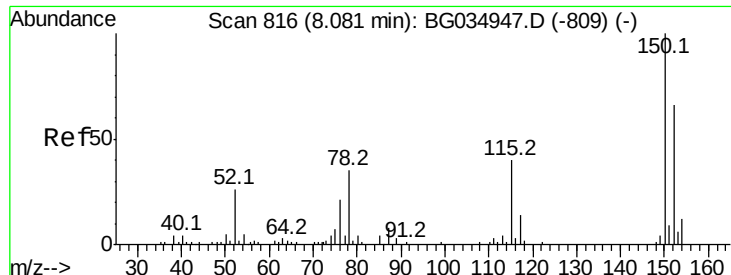
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 08 17:16:28 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

Instrument :

BNA\_G

ClientSampleId :

PB110293TB

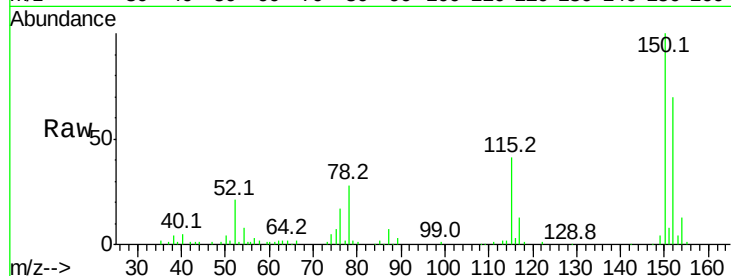
Tot Ion:152 Resp: 49802

Ion Ratio Lower Upper

152 100

150 142.5 126.6 189.8

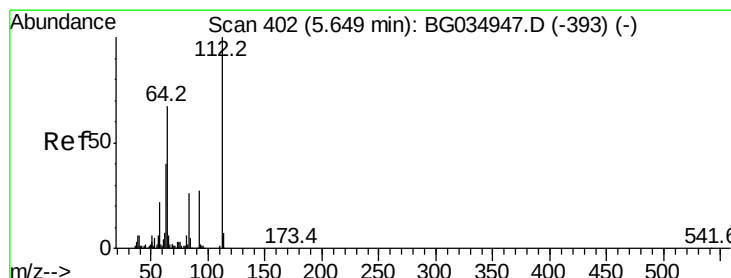
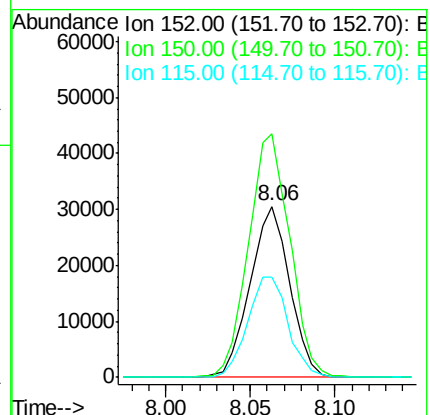
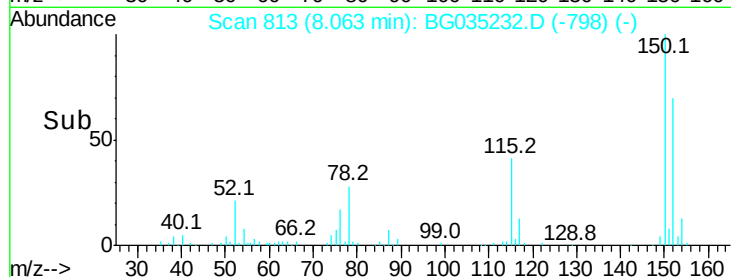
115 58.4 53.0 79.4



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: 140.487 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

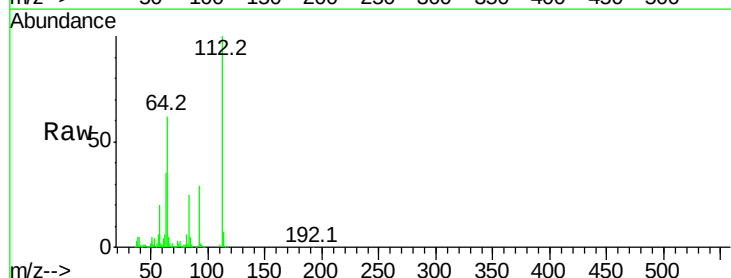
Tgt Ion:112 Resp: 414584

Ion Ratio Lower Upper

112 100

64 62.2 56.3 84.5

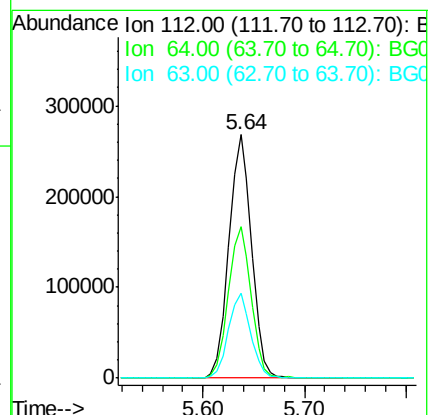
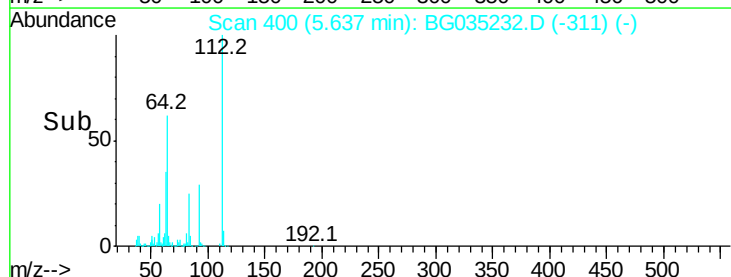
63 35.0 30.1 45.1

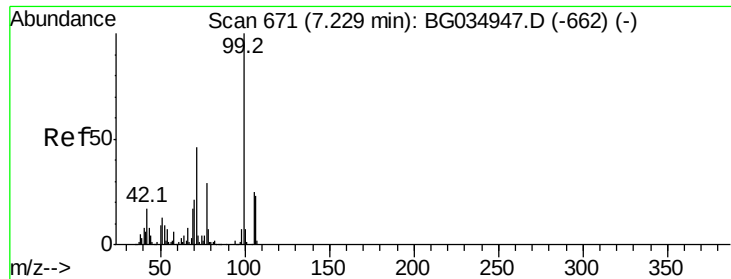


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.801 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

Instrument :

BNA\_G

ClientSampleId :

PB110293TB

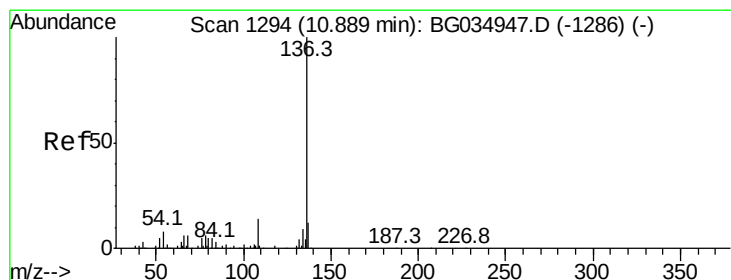
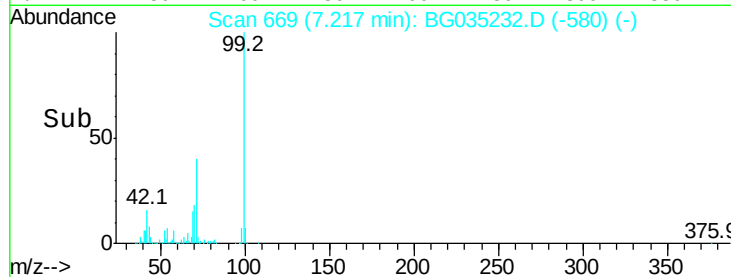
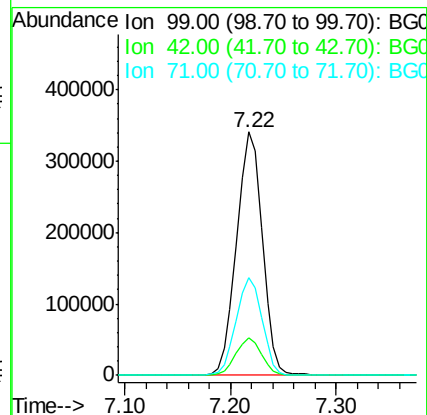
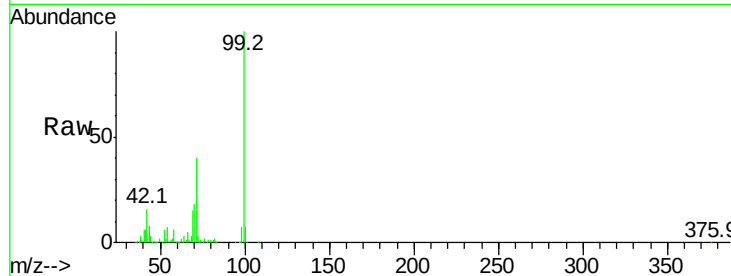
Tot Ion: 99 Resp: 574066

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

71 40.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

Tgt Ion: 136 Resp: 169595

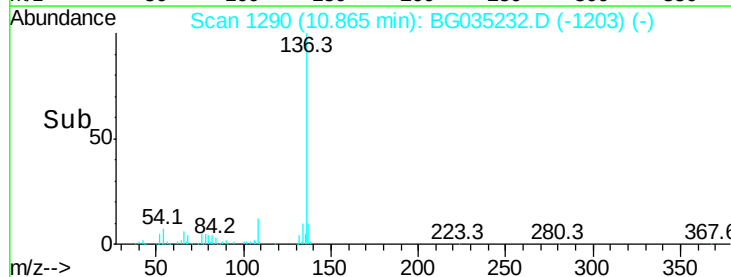
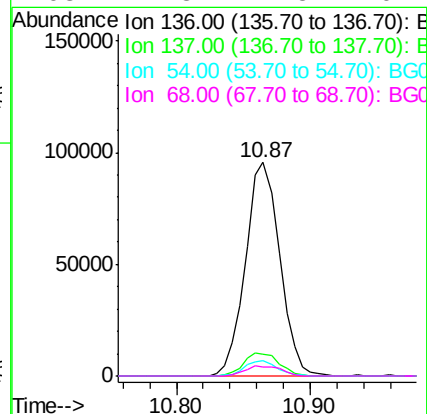
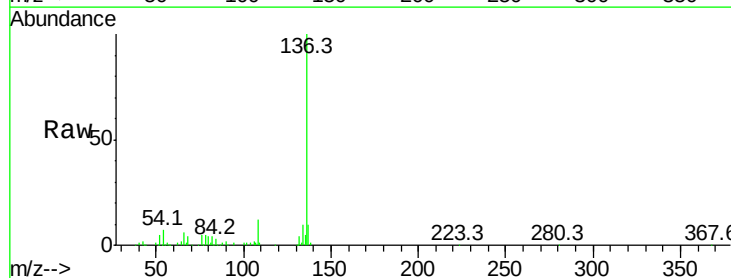
Ion Ratio Lower Upper

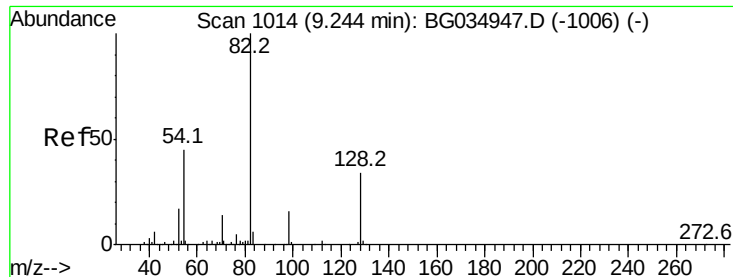
136 100

137 10.3 9.2 13.8

54 7.3 10.3 15.5#

68 4.3 4.5 6.7#

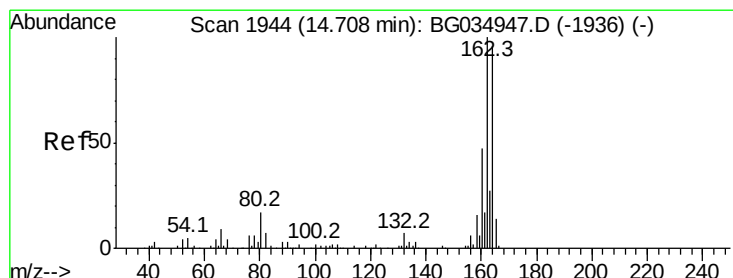
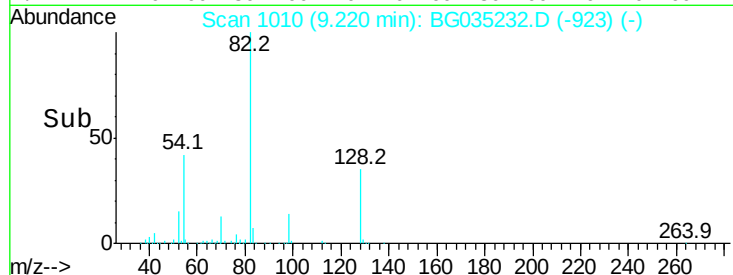
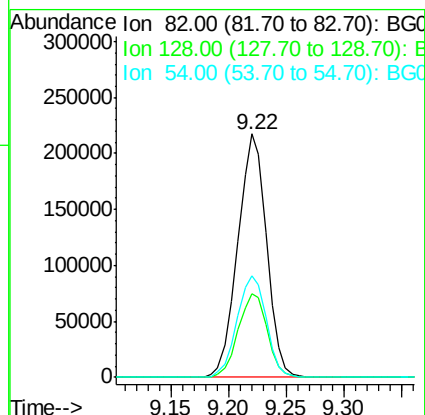
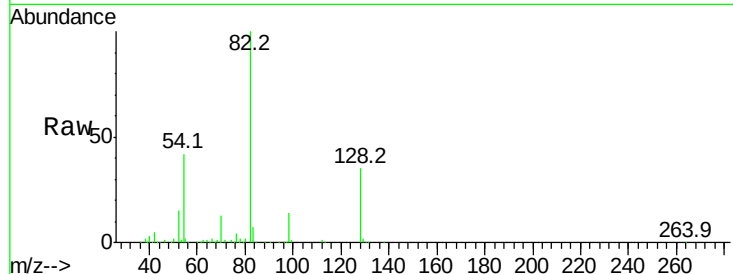




#23  
Nitrobenzene-d5  
Concen: 105.114 ng  
RT: 9.22 min Scan# 1010  
Delta R.T. -0.02 min  
Lab File: BG035232.D  
Acq: 19 Jun 2018 1:01

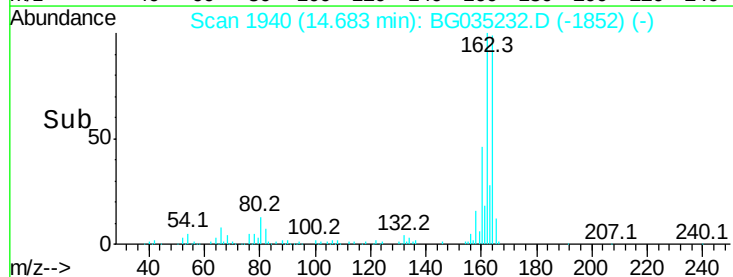
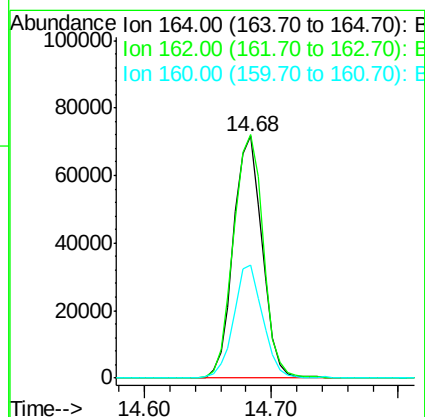
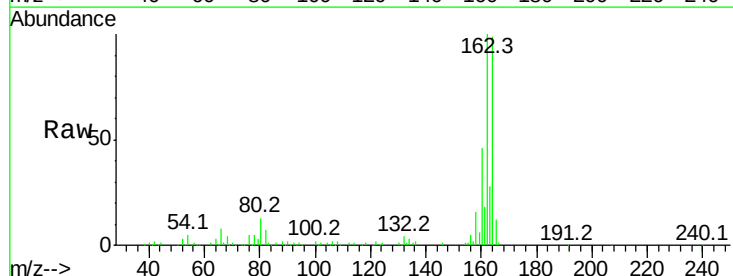
Instrument :  
BNA\_G  
ClientSampleId :  
PB110293TB

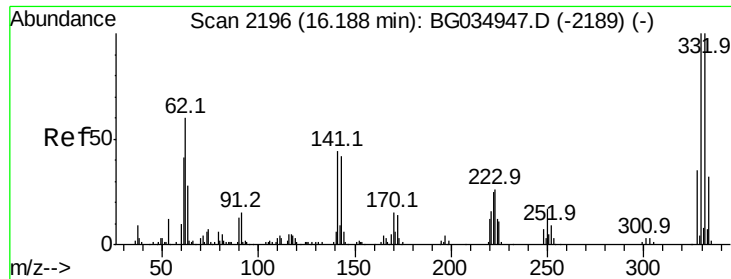
Tot Ion: 82 Resp: 375029  
Ion Ratio Lower Upper  
82 100  
128 34.6 29.7 44.5  
54 41.7 43.1 64.7#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.68 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG035232.D  
Acq: 19 Jun 2018 1:01

Tgt Ion:164 Resp: 112111  
Ion Ratio Lower Upper  
164 100  
162 100.6 78.8 118.2  
160 46.8 35.4 53.0

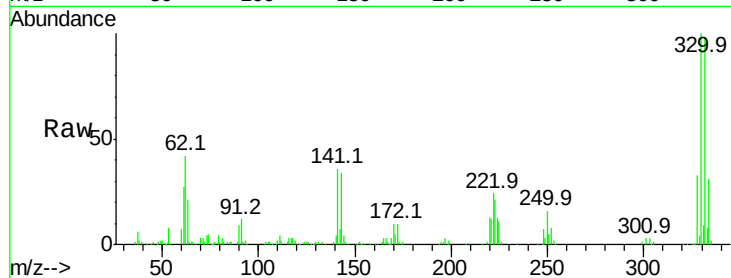




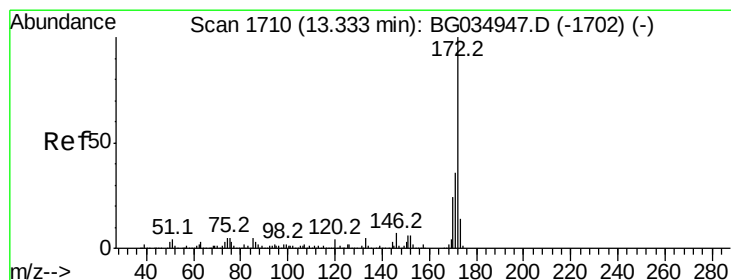
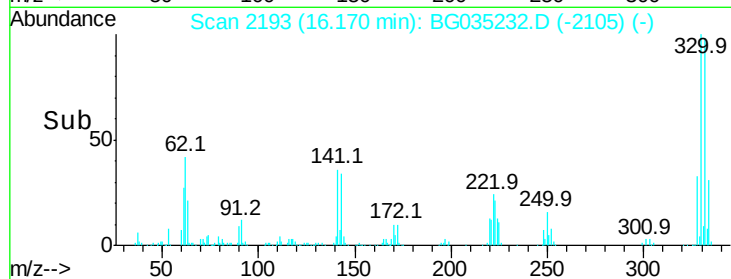
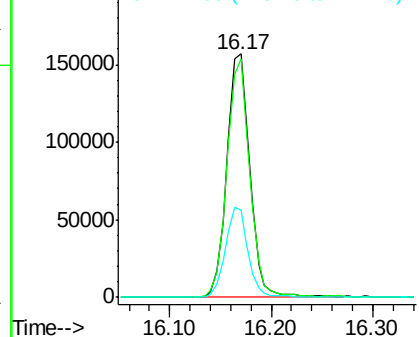
#41  
 2,4,6-Tribromophenol  
 Concen: 173.113 ng  
 RT: 16.17 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: BG035232.D  
 Acq: 19 Jun 2018 1:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110293TB

Tot Ion:330 Resp: 248445  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.0 115.6  
 141 36.5 25.2 37.8

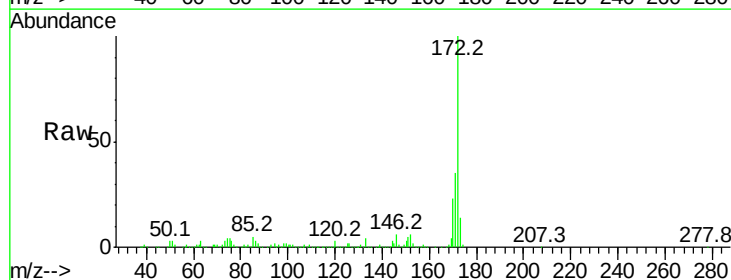


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

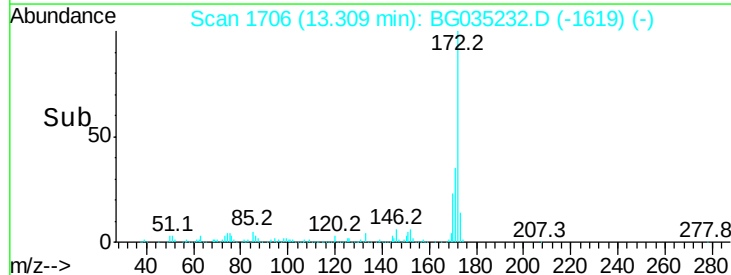
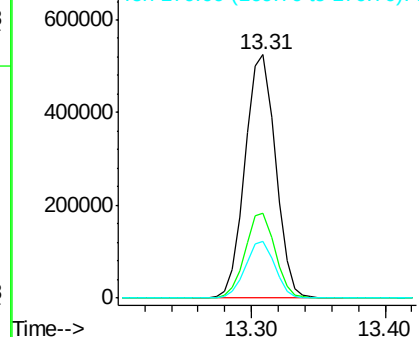


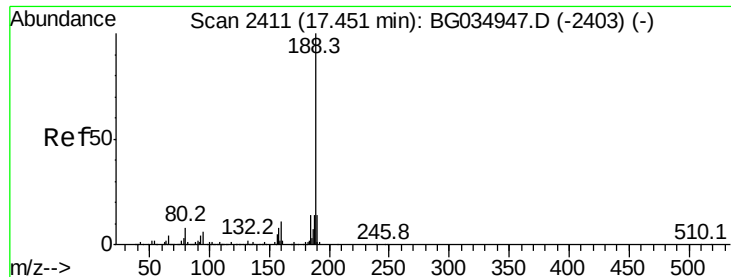
#44  
 2-Fluorobiphenyl  
 Concen: 96.000 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. -0.02 min  
 Lab File: BG035232.D  
 Acq: 19 Jun 2018 1:01

Tgt Ion:172 Resp: 827902  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 30.0 45.0  
 170 23.3 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

Instrument :

BNA\_G

ClientSampleId :

PB110293TB

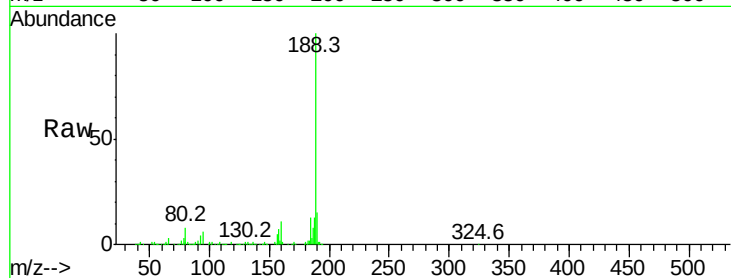
Tot Ion:188 Resp: 316909

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

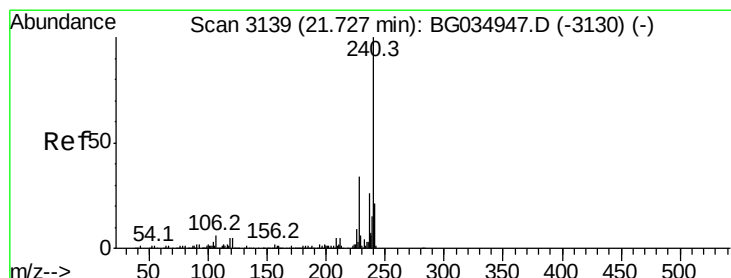
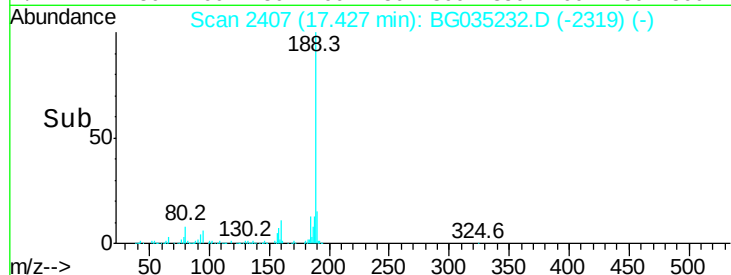
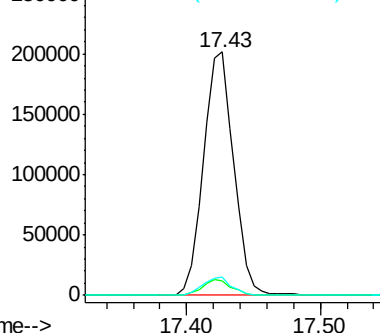
80 7.6 7.7 11.5#



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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

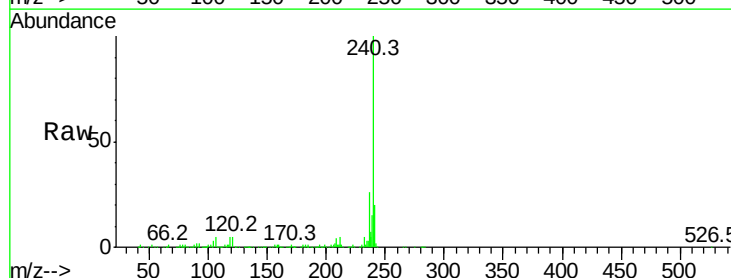
Tgt Ion:240 Resp: 425895

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

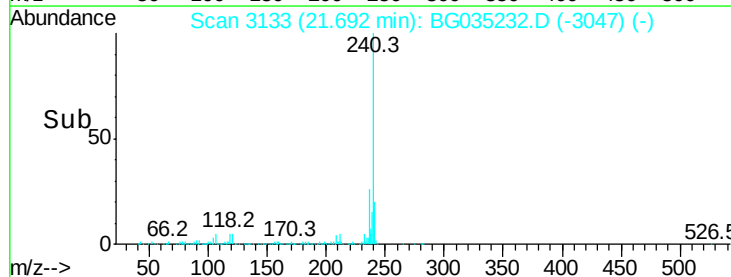
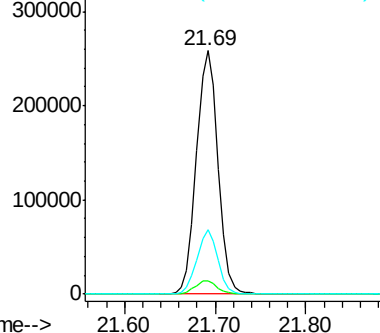
236 26.3 20.9 31.3

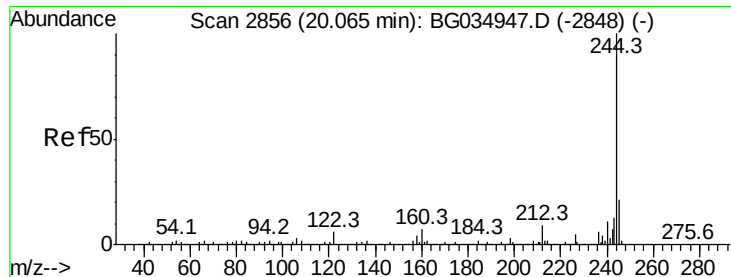


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.014 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

Instrument :

BNA\_G

ClientSampleId :

PB110293TB

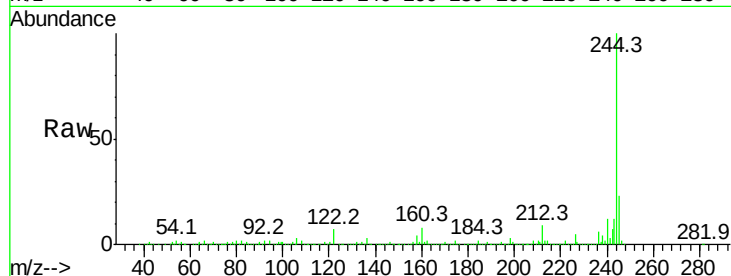
Tot Ion:244 Resp: 1789519

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

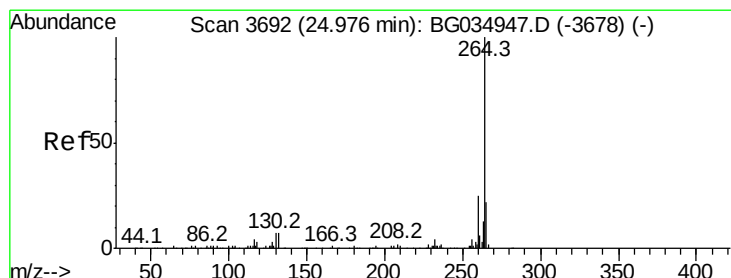
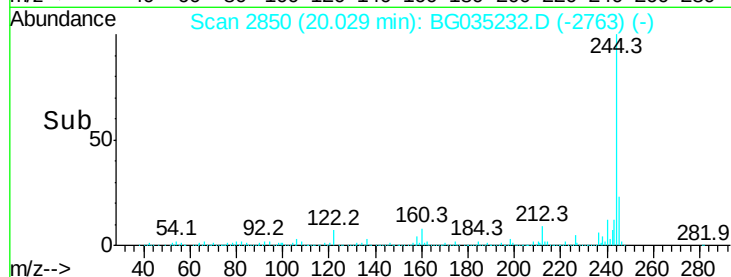
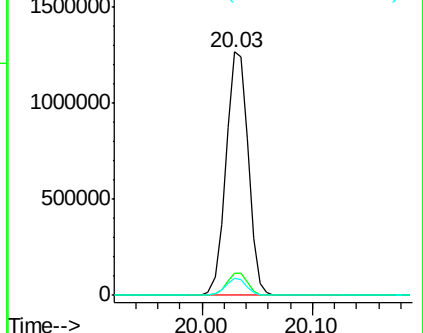
122 6.9 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035232.D

Acq: 19 Jun 2018 1:01

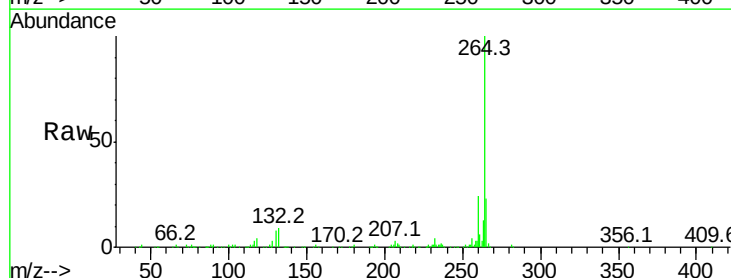
Tgt Ion:264 Resp: 396953

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.6 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

