

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\  
 Data File : BG035348.D  
 Acq On : 23 Jun 2018 00:33  
 Operator : JU/SJ  
 Sample : J3502-02RE  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20180366-FIELD-BLANKRE

Quant Time: Jun 23 01:14:31 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  | 50905    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.85 | 136  | 180507   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.67 | 164  | 119159   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.42 | 188  | 330025   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 21.68 | 240  | 385606   | 20.00 | ng    | -0.04    |
| 86) Perylene-d12            | 24.90 | 264  | 376464   | 20.00 | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 38189    | 12.66 | ng    | -0.01    |
| 7) Phenol-d6                | 7.21  | 99   | 15973    | 3.59  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 360331   | 94.89 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 15115    | 9.91  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 823353   | 89.83 | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.02 | 244  | 1596792  | 86.74 | ng    | -0.02    |

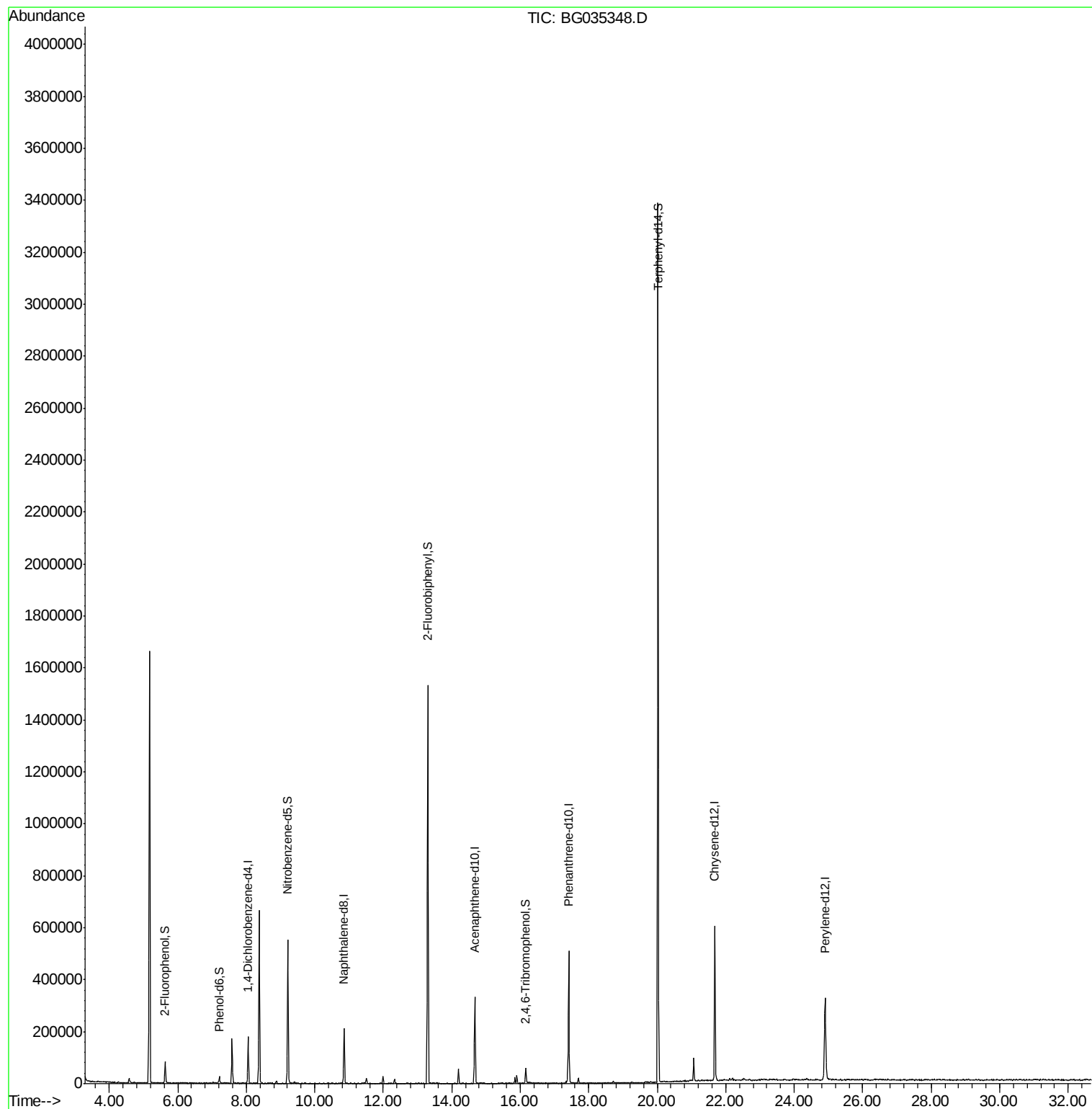
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

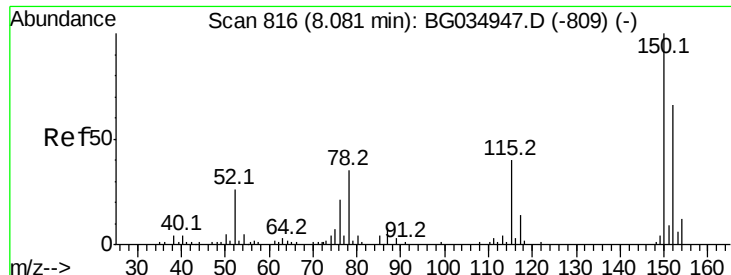
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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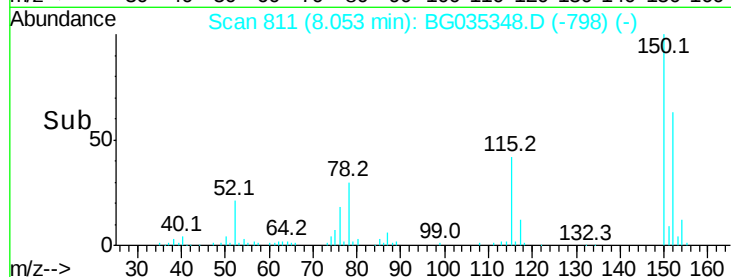
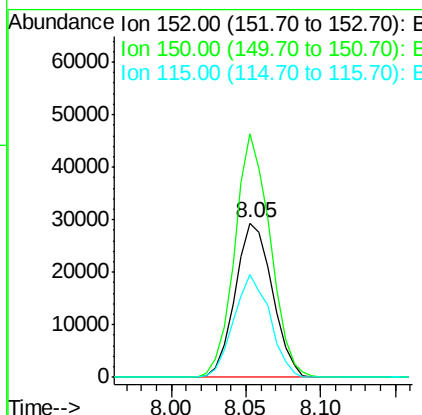
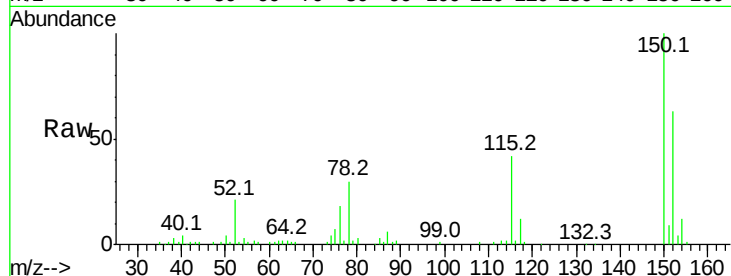


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 811  
Delta R.T. -0.02 min  
Lab File: BG035348.D  
Acq: 23 Jun 2018 00:33

Instrument :  
BNA\_G  
ClientSampleId :  
20180366-FIELD-BLANKRE

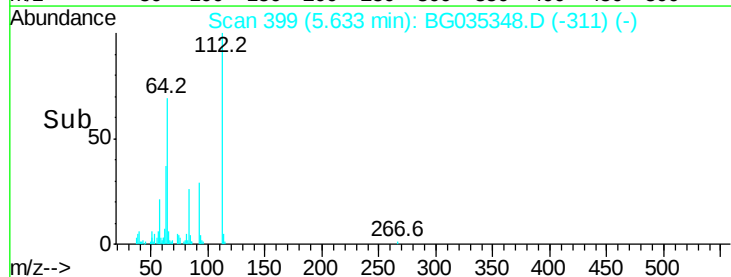
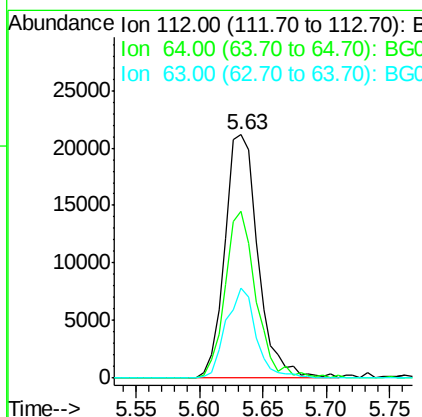
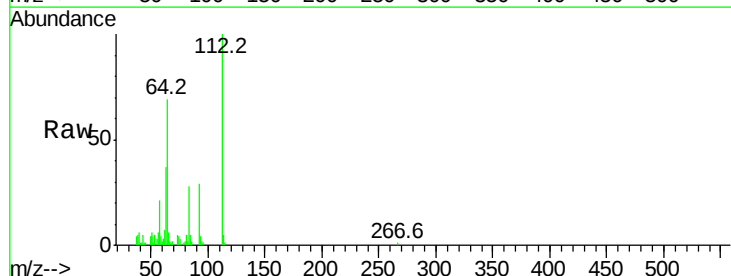
Tot Ion:152 Resp: 50905  
Ion Ratio Lower Upper  
152 100  
150 157.6 126.6 189.8  
115 66.4 53.0 79.4

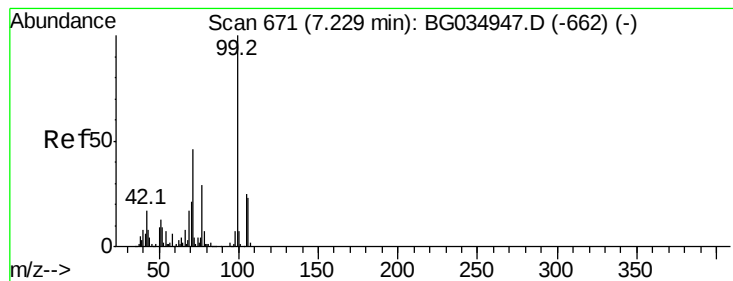


#5

2-Fluorophenol  
Concen: 12.660 ng  
RT: 5.63 min Scan# 399  
Delta R.T. -0.01 min  
Lab File: BG035348.D  
Acq: 23 Jun 2018 00:33

Tgt Ion:112 Resp: 38189  
Ion Ratio Lower Upper  
112 100  
64 68.8 56.3 84.5  
63 36.9 30.1 45.1





#7

Phenol-d6

Concen: 3.588 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

20180366-FIELD-BLANKRE

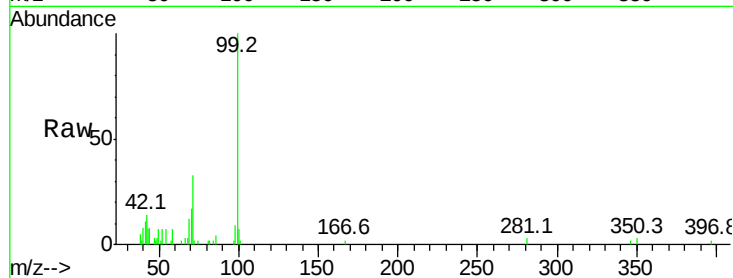
Tot Ion: 99 Resp: 15973

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

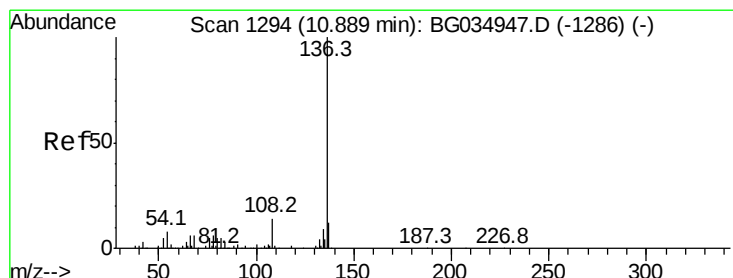
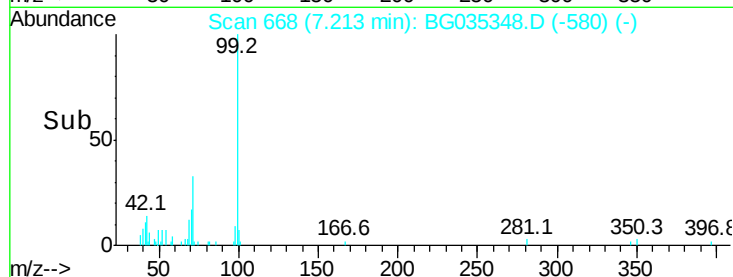
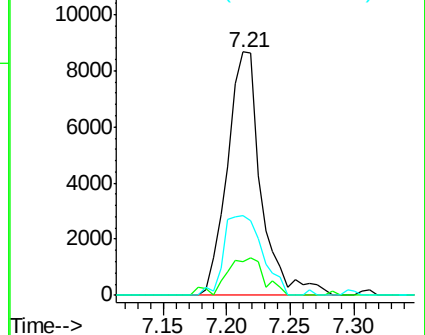
71 32.8 26.1 39.1



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: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

Tgt Ion: 136 Resp: 180507

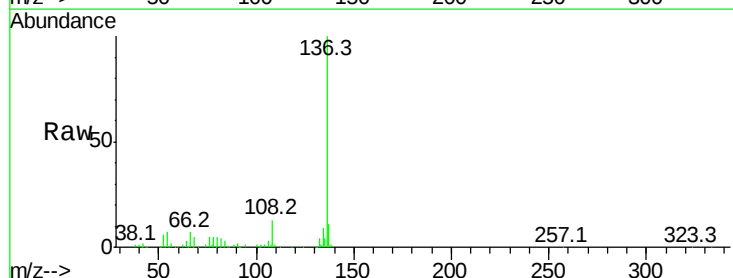
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.7 10.3 15.5#

68 5.2 4.5 6.7

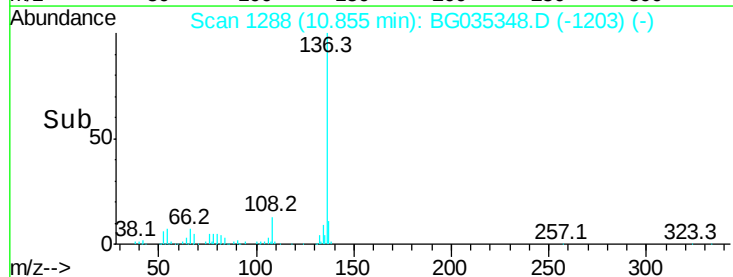
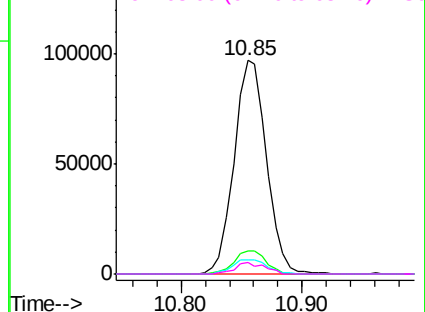


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 94.889 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

20180366-FIELD-BLANKRE

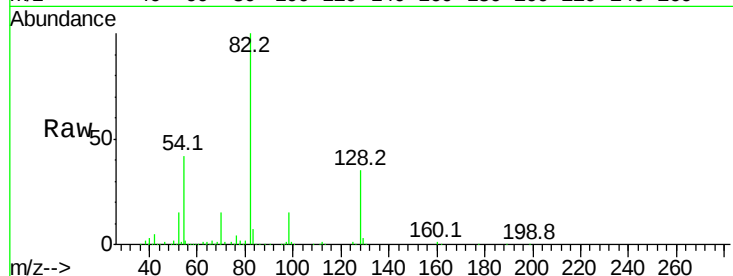
Tot Ion: 82 Resp: 360331

Ion Ratio Lower Upper

82 100

128 35.2 29.7 44.5

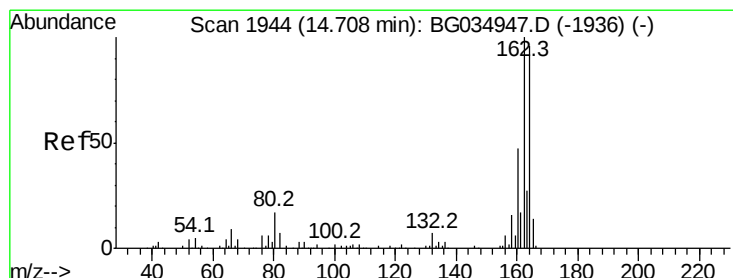
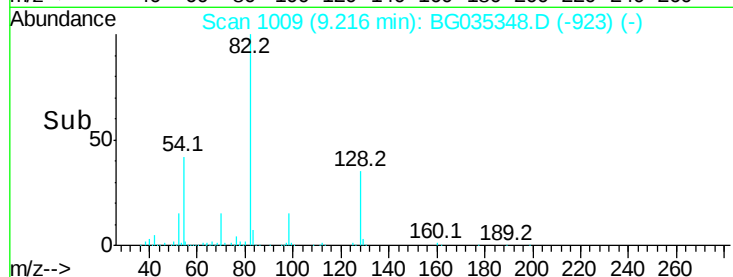
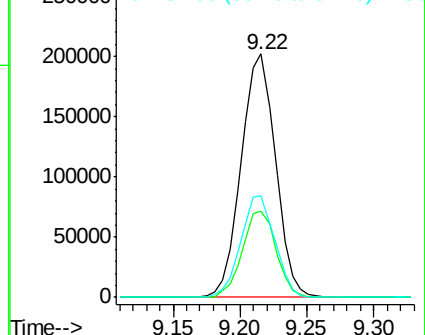
54 41.9 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

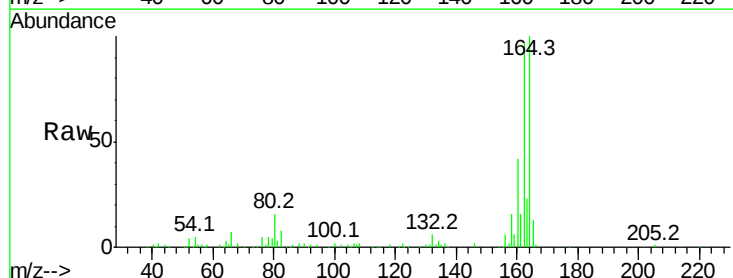
Tgt Ion: 164 Resp: 119159

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

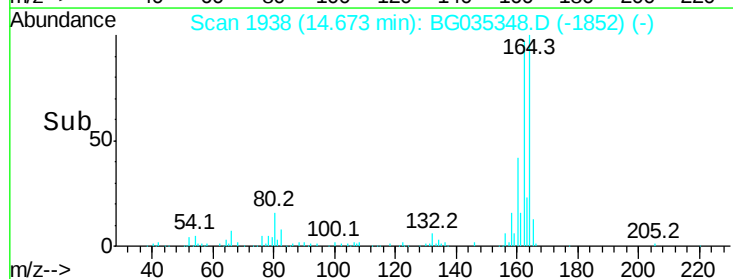
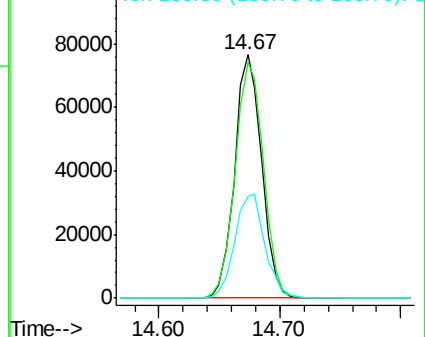
160 41.9 35.4 53.0

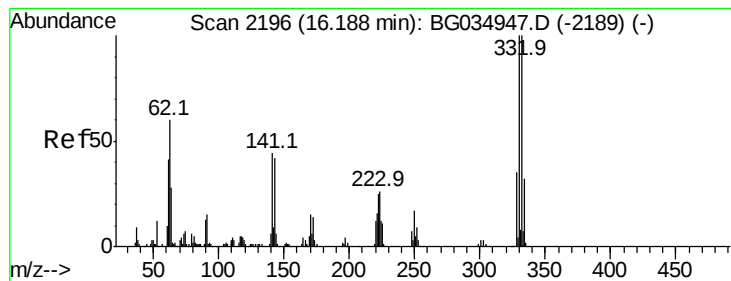


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 9.909 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

20180366-FIELD-BLANKRE

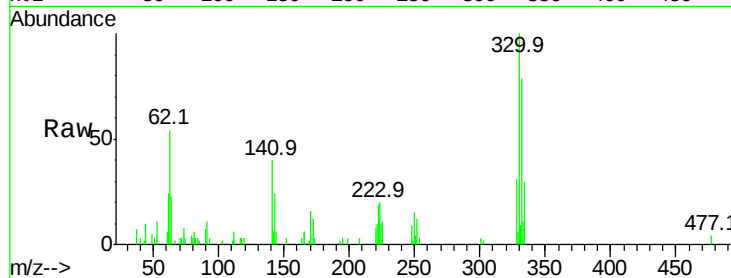
Tot Ion:330 Resp: 15115

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

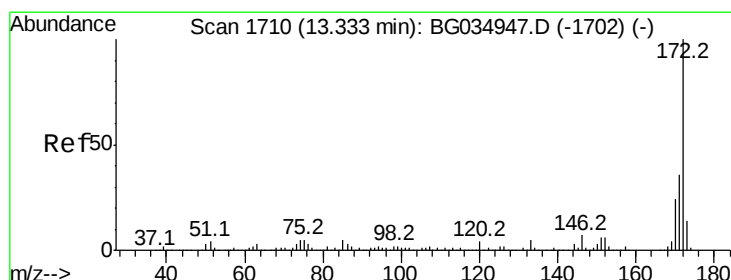
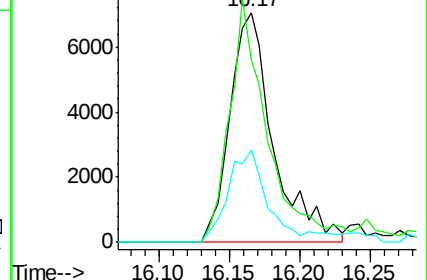
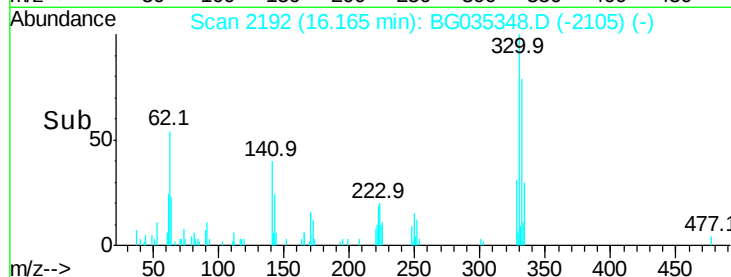
141 35.2 25.2 37.8



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: 89.826 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

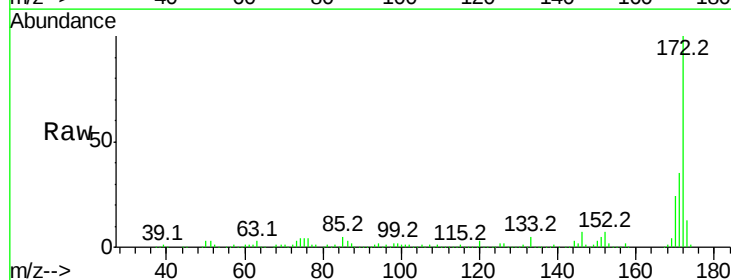
Tgt Ion:172 Resp: 823353

Ion Ratio Lower Upper

172 100

171 35.5 30.0 45.0

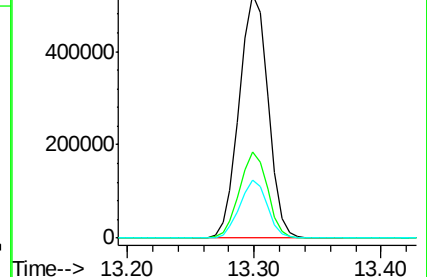
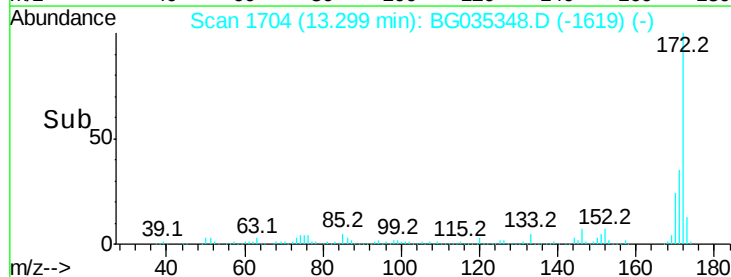
170 23.9 19.5 29.3



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: BG035348.D

Acq: 23 Jun 2018 00:33

Instrument :

BNA\_G

ClientSampleId :

20180366-FIELD-BLANKRE

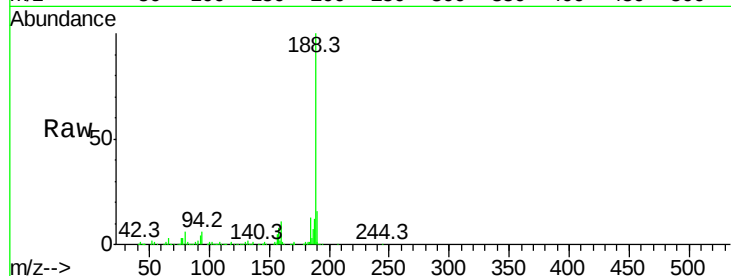
Tot Ion:188 Resp: 330025

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

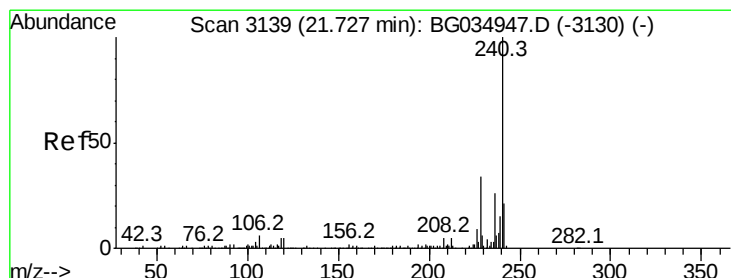
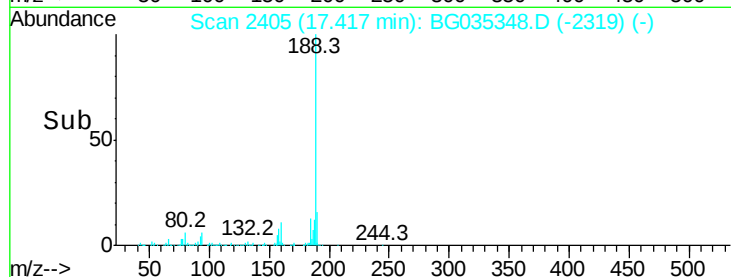
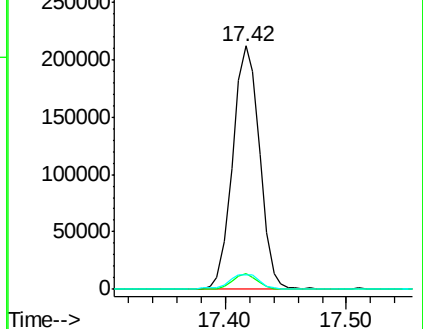
80 6.0 7.7 11.5#



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# 3131

Delta R.T. -0.04 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

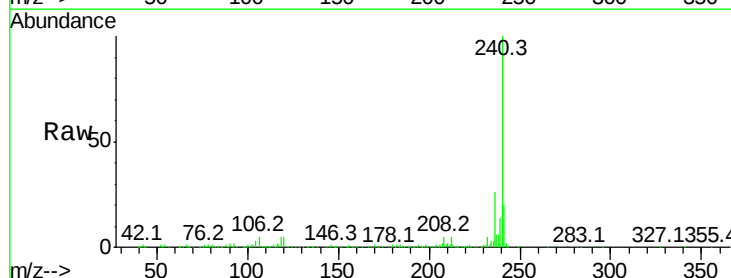
Tgt Ion:240 Resp: 385606

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

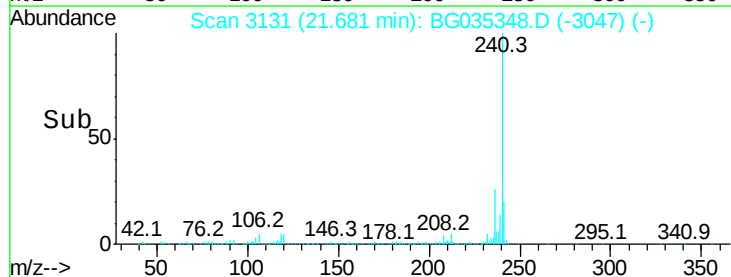
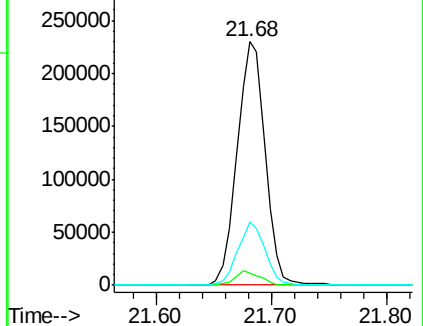
236 25.9 20.9 31.3

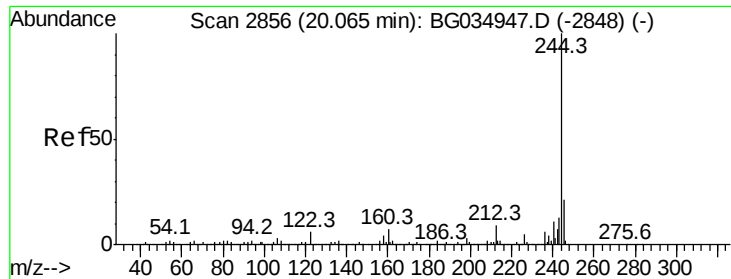


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.740 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

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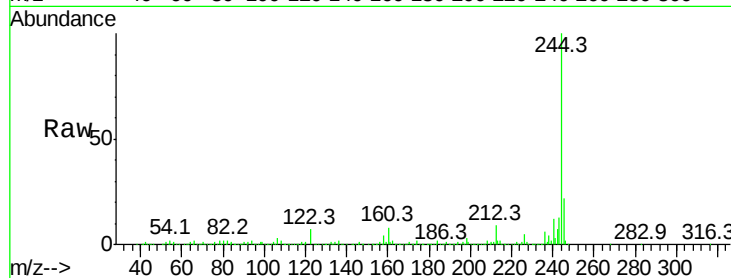
Tot Ion:244 Resp: 1596792

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

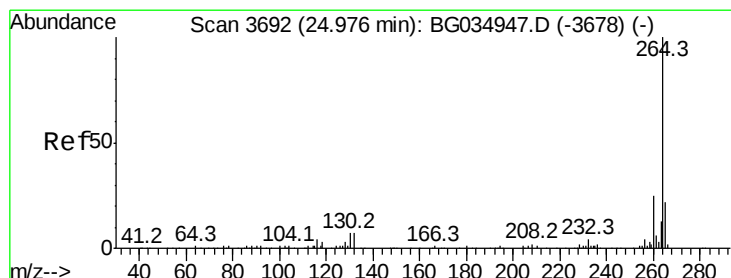
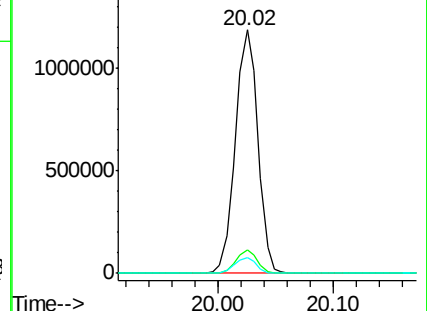
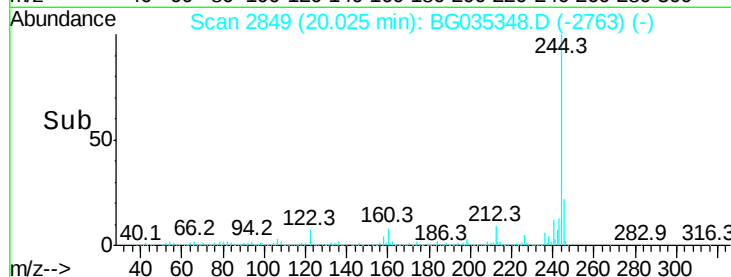
122 6.5 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035348.D

Acq: 23 Jun 2018 00:33

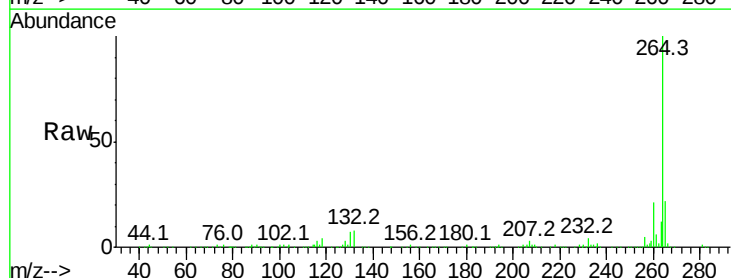
Tgt Ion:264 Resp: 376464

Ion Ratio Lower Upper

264 100

260 20.8 17.4 26.0

265 22.0 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

