

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\  
 Data File : BG016898.D  
 Acq On : 6 May 2015 14:25  
 Operator : TP/IZ  
 Sample : G2124-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SVOC-GPC-BLANK

Quant Time: May 07 04:33:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 03:57:31 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 64252    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.59 | 136  | 301216   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.44 | 164  | 203420   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.18 | 188  | 454747   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 21.36 | 240  | 448040   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 23.66 | 264  | 437507   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |          |
| 7) Phenol-d6                | 6.87  | 99   | 61       | 0.01  | ng    | -0.10    |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 68       | 0.01  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |          |
| 44) 2-Fluorobiphenyl        | 13.03 | 172  | 59       | 0.00  | ng    | -0.03    |
| 78) Terphenyl-d14           | 19.78 | 244  | 68       | 0.00  | ng    | -0.03    |

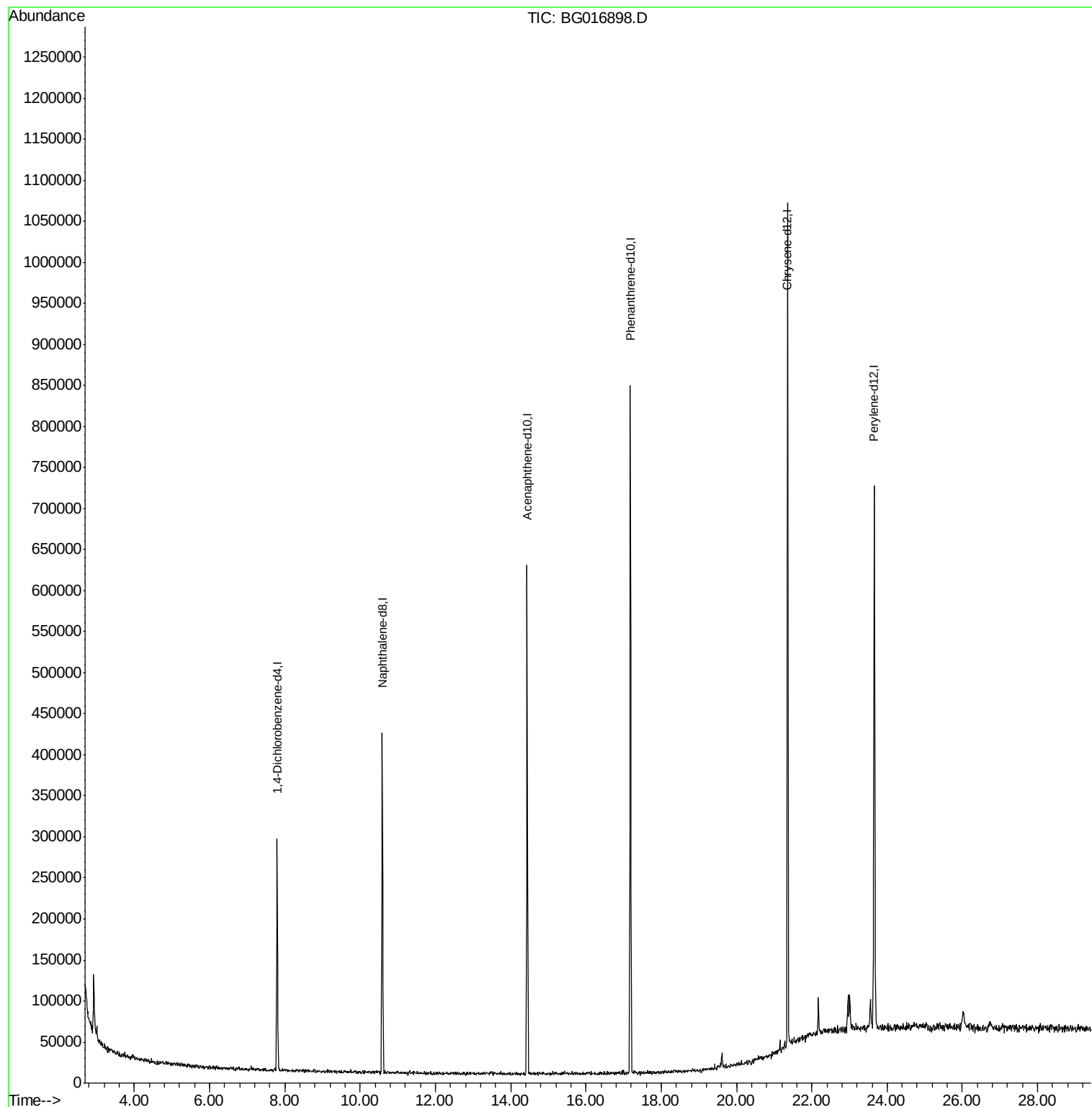
Target Compounds Qvalue

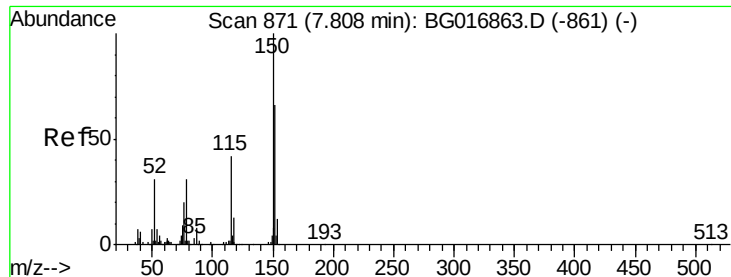
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Instrument :

BNA\_G

ClientSampleId :

SVOC-GPC-BLANK

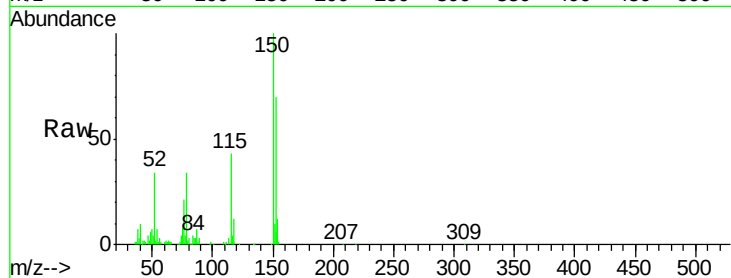
Tot Ion:152 Resp: 64252

Ion Ratio Lower Upper

152 100

150 143.7 121.0 181.4

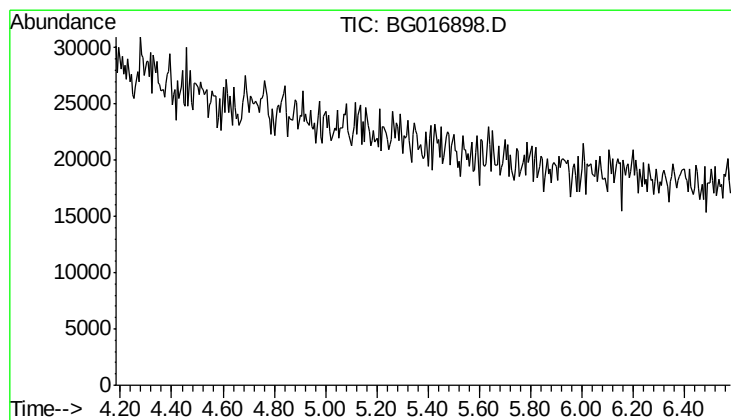
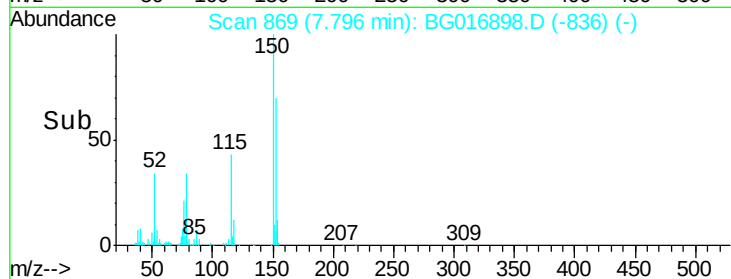
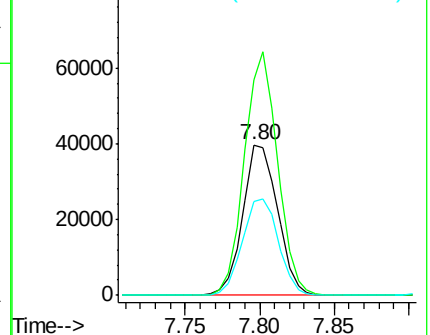
115 62.2 50.5 75.7



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: 0.00 ng

Expected RT: 5.38 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

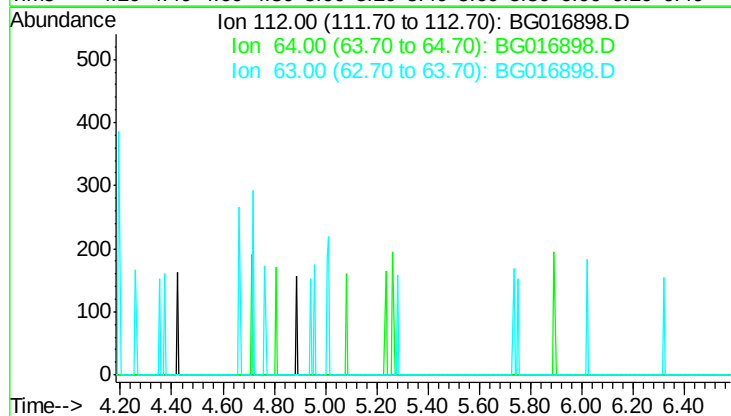
Tgt Ion: 112

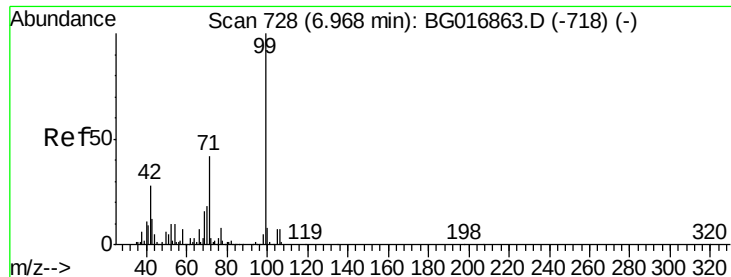
Sig Exp Ratio

112 100

64 64.3

63 35.1





#7

Phenol-d6

Concen: 0.01 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.10 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Instrument :

BNA\_G

ClientSampleId :

SVOC-GPC-BLANK

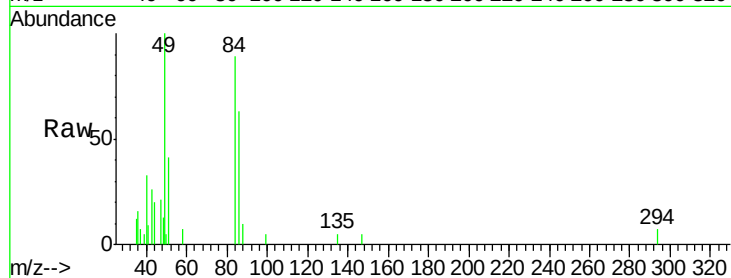
Tot Ion: 99 Resp: 61

Ion Ratio Lower Upper

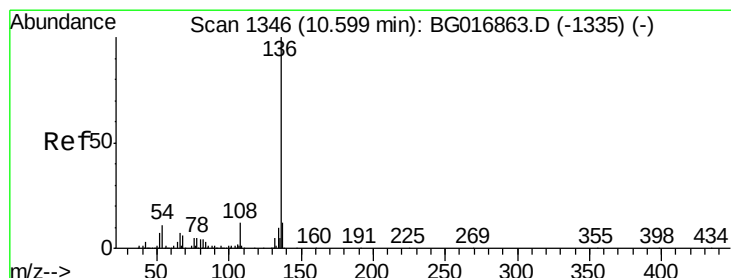
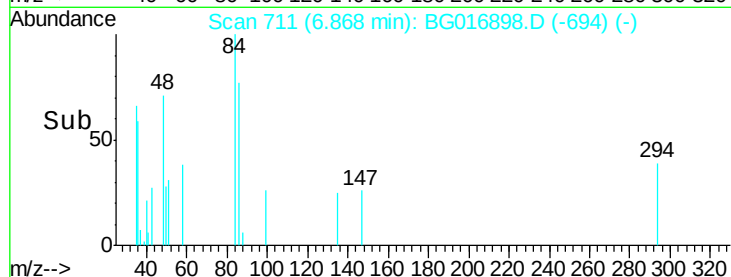
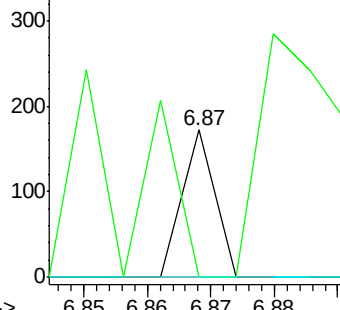
99 100

42 0.0 22.1 33.1#

71 0.0 33.4 50.0#



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: 10.59 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Tgt Ion: 136 Resp: 301216

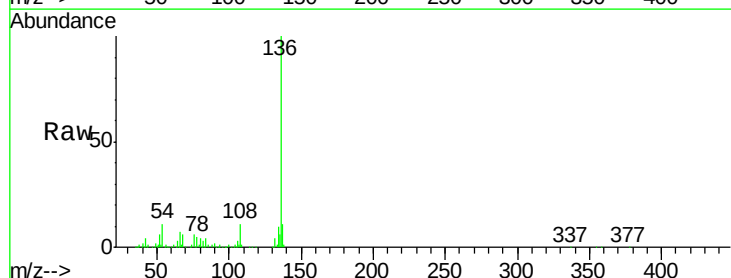
Ion Ratio Lower Upper

136 100

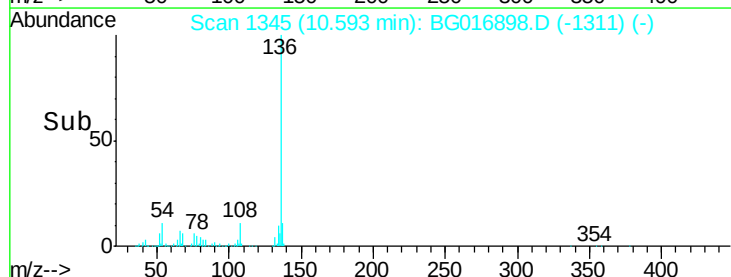
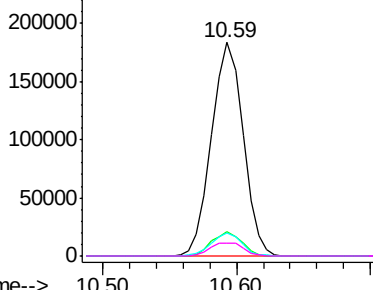
137 11.4 9.8 14.8

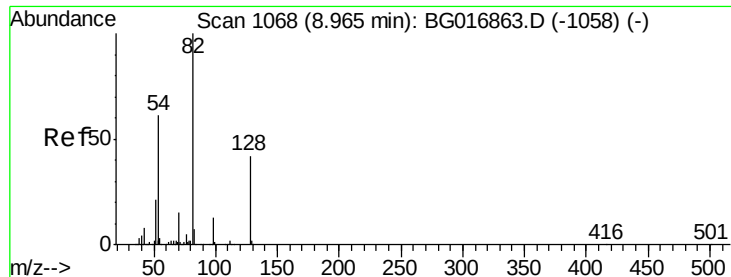
54 11.1 8.7 13.1

68 6.2 5.0 7.4



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: 0.01 ng

RT: 8.95 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Instrument :

BNA\_G

ClientSampleId :

SVOC-GPC-BLANK

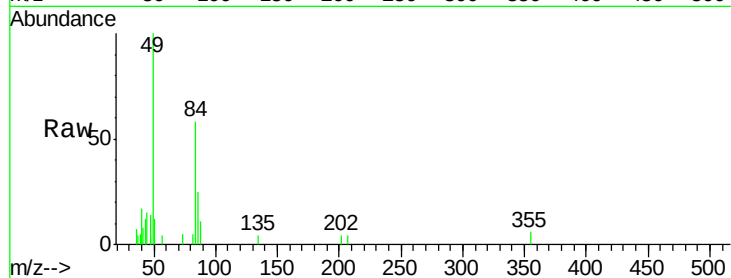
Tot Ion: 82 Resp: 68

Ion Ratio Lower Upper

82 100

128 0.0 33.2 49.8#

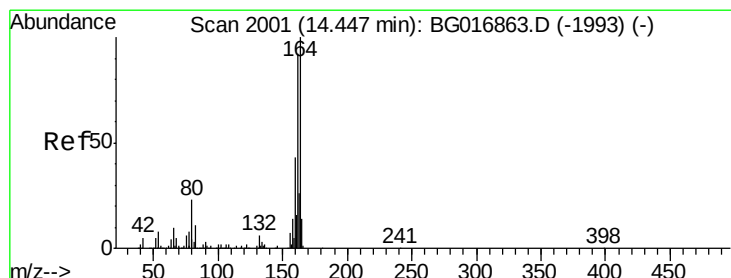
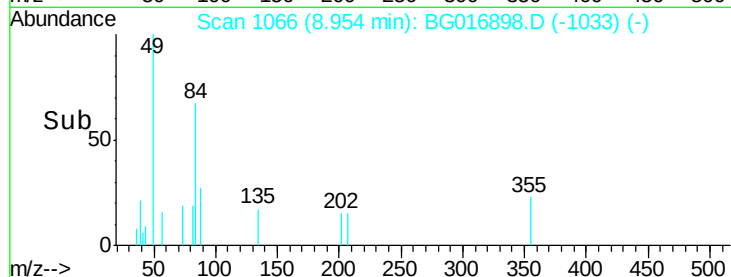
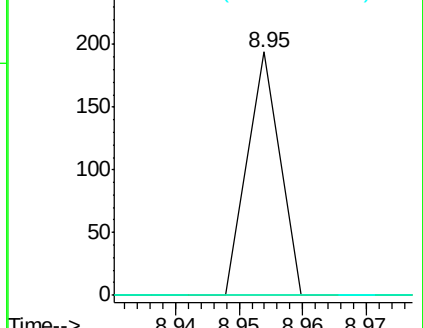
54 0.0 48.6 72.8#



Abundance Ion 82.00 (81.70 to 82.70): BG016863.D (-1058) (-)

Ion 128.00 (127.70 to 128.70): BG016863.D (-1058) (-)

Ion 54.00 (53.70 to 54.70): BG016863.D (-1058) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

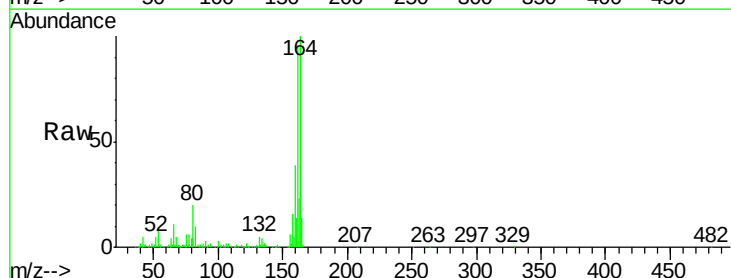
Tgt Ion: 164 Resp: 203420

Ion Ratio Lower Upper

164 100

162 95.6 74.0 111.0

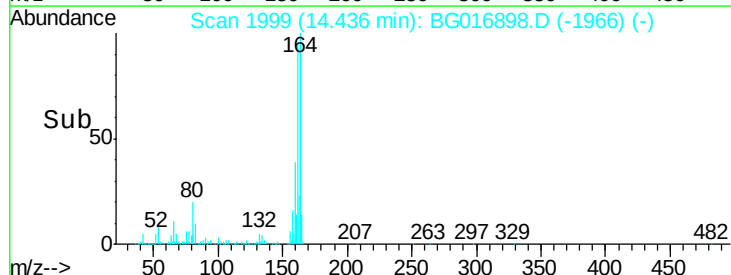
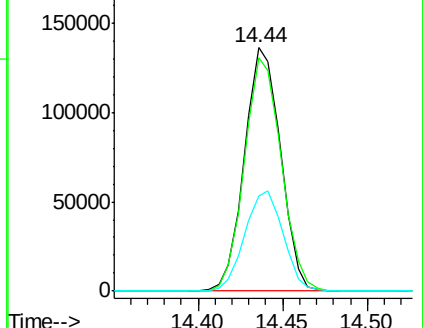
160 39.2 34.7 52.1

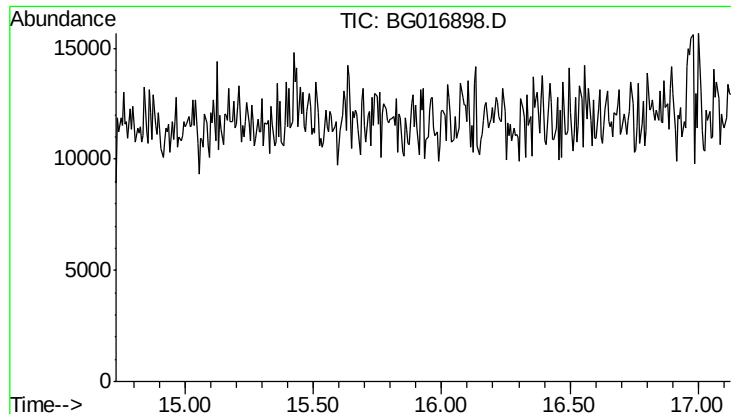


Abundance Ion 164.00 (163.70 to 164.70): BG016863.D (-1993) (-)

Ion 162.00 (161.70 to 162.70): BG016863.D (-1993) (-)

Ion 160.00 (159.70 to 160.70): BG016863.D (-1993) (-)

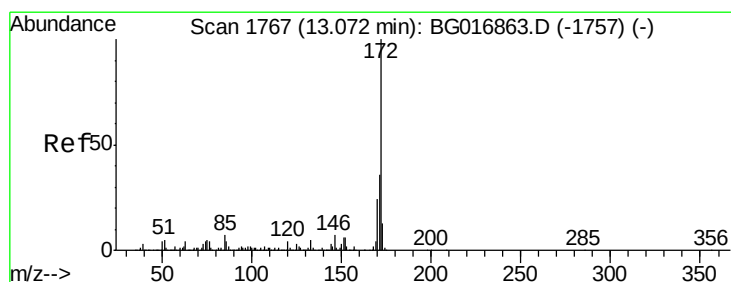
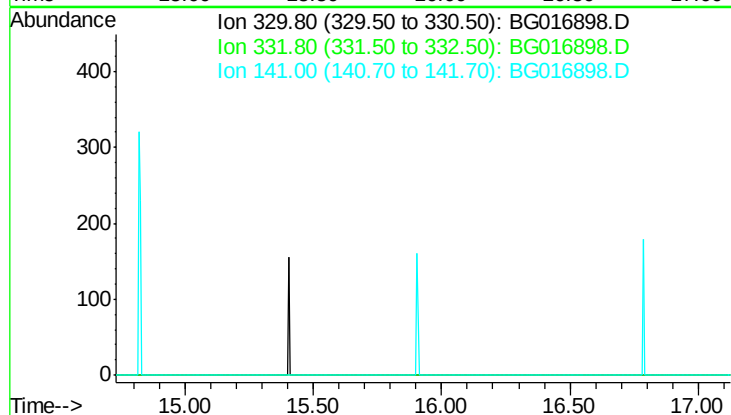




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 15.93 min  
 Lab File: BG016898.D  
 Acq: 6 May 2015 14:25

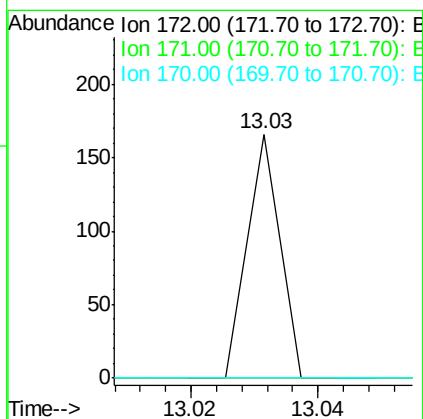
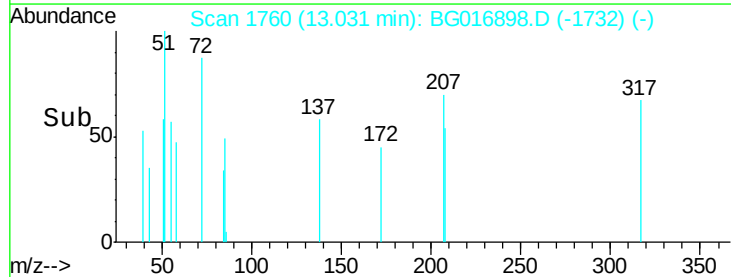
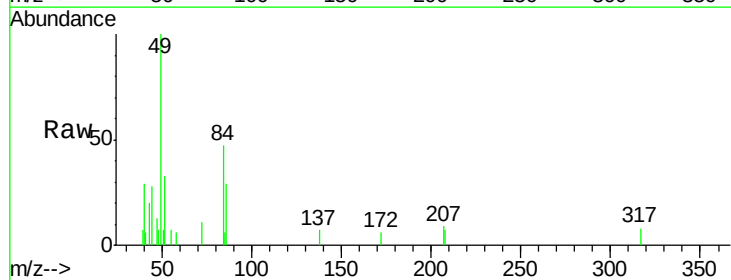
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SVOC-GPC-BLANK

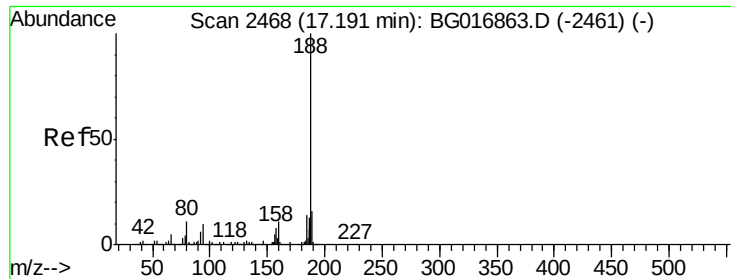
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 0.0  
 141 0.0



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 RT: 13.03 min Scan# 1760  
 Delta R.T. -0.03 min  
 Lab File: BG016898.D  
 Acq: 6 May 2015 14:25

Tgt Ion: 172 Resp: 59  
 Ion Ratio Lower Upper  
 172 100  
 171 0.0 29.0 43.4#  
 170 0.0 19.0 28.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Instrument :

BNA\_G

ClientSampleId :

SVOC-GPC-BLANK

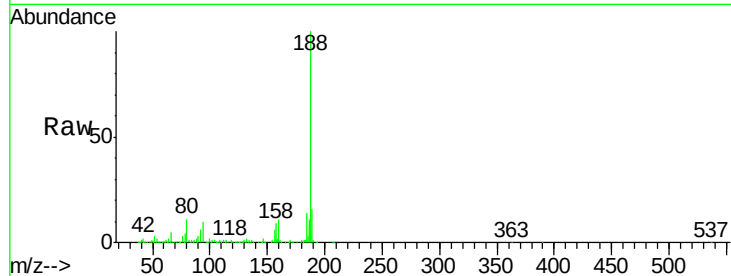
Tot Ion:188 Resp: 454747

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.1 8.8 13.2



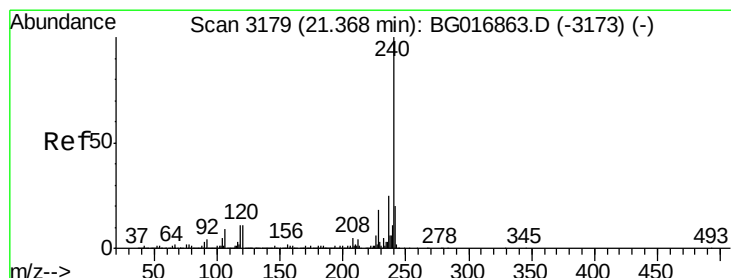
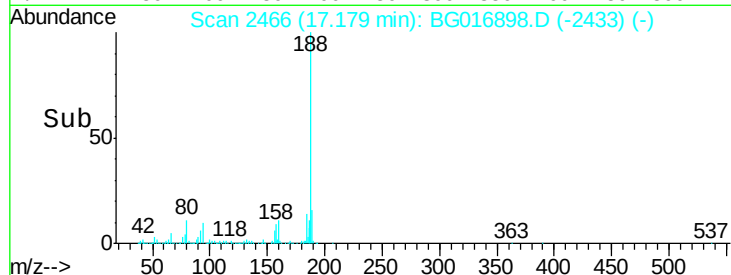
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

17.18

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

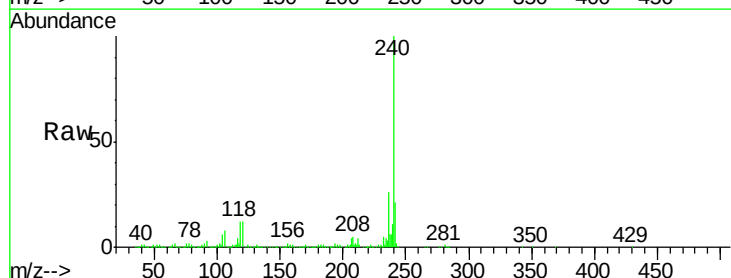
Tgt Ion:240 Resp: 448040

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

236 26.4 20.2 30.4



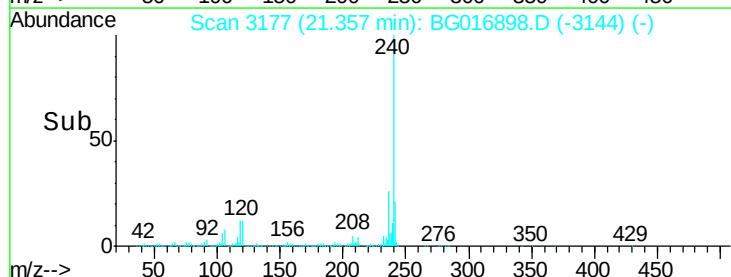
Abundance Ion 240.00 (239.70 to 240.70): E

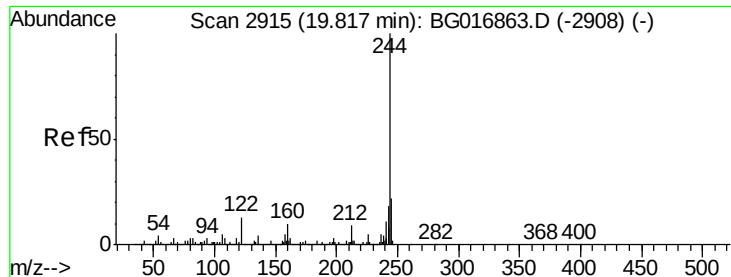
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.36

Time-->





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 19.78 min Scan# 2908

Delta R.T. -0.03 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

Instrument :

BNA\_G

ClientSampleId :

SVOC-GPC-BLANK

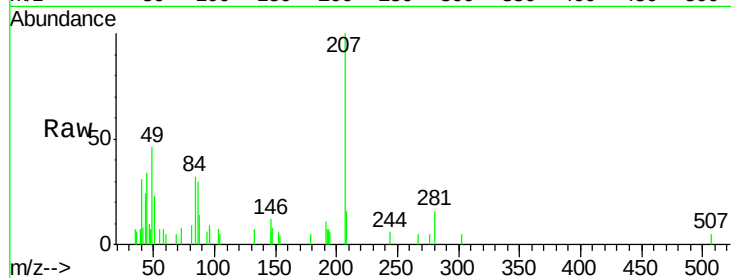
Tot Ion:244 Resp: 68

Ion Ratio Lower Upper

244 100

212 0.0 7.0 10.6#

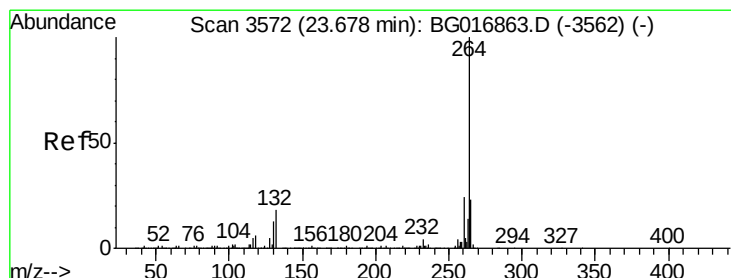
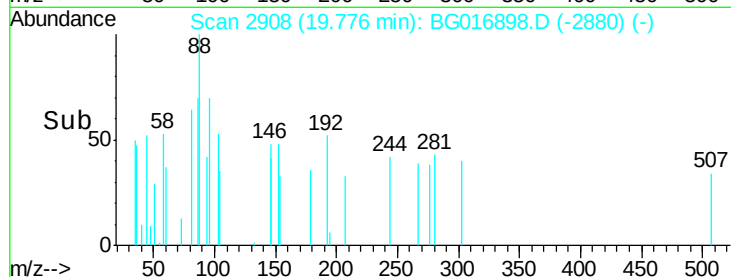
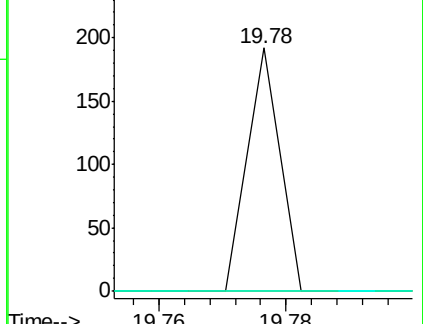
122 0.0 10.4 15.6#



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: 20.00 ng

RT: 23.66 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG016898.D

Acq: 6 May 2015 14:25

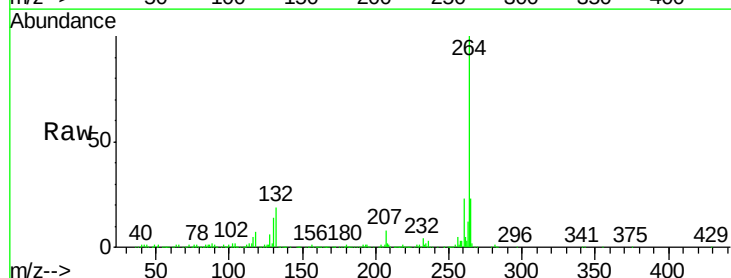
Tgt Ion:264 Resp: 437507

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.6 18.5 27.7



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

