

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\  
 Data File : BG030948.D  
 Acq On : 11 Nov 2017 17:45  
 Operator : SJ/JU  
 Sample : I6369-09  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 110617-SIDI-F-D-B

Quant Time: Nov 13 04:28:40 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

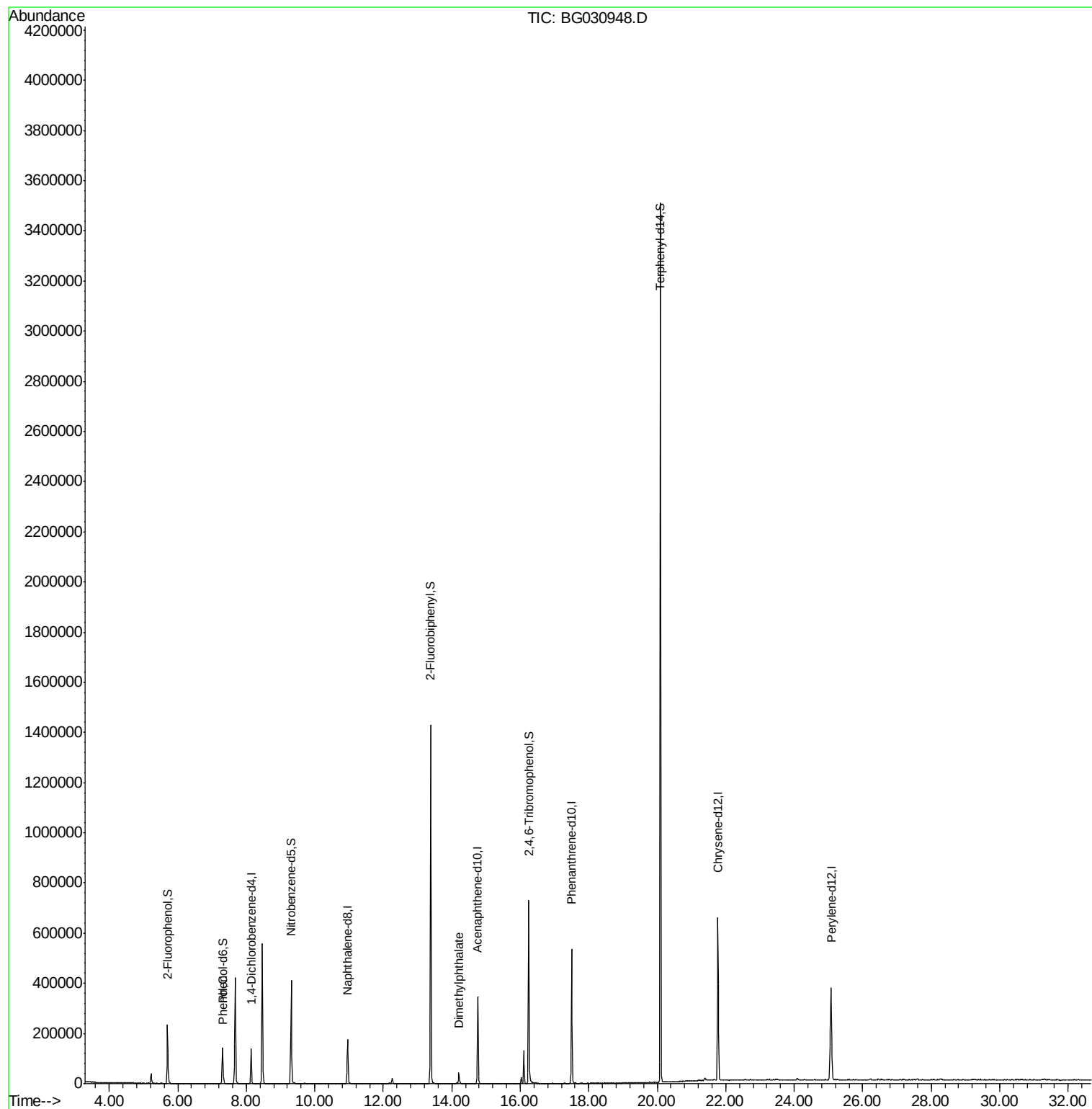
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.14  | 152  | 42118    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.96 | 136  | 173323   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.76 | 164  | 127539   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.50 | 188  | 351245   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 21.77 | 240  | 430023   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 25.07 | 264  | 425593   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.70  | 112  | 113608   | 46.25 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 90255    | 27.28 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.31  | 82   | 263923   | 90.23 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 173414   | 84.05 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.38 | 172  | 833150   | 93.87 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.09 | 244  | 1600826  | 82.20 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.33  | 94   | 11127    | 3.238 | ng    | 92       |
| 49) Dimethylphthalate       | 14.20 | 163  | 40513    | 3.674 | ng    | 99       |

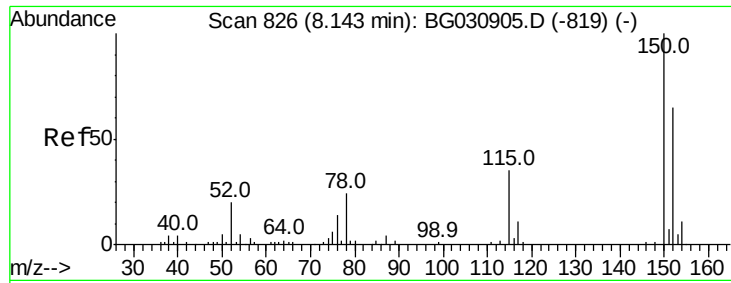
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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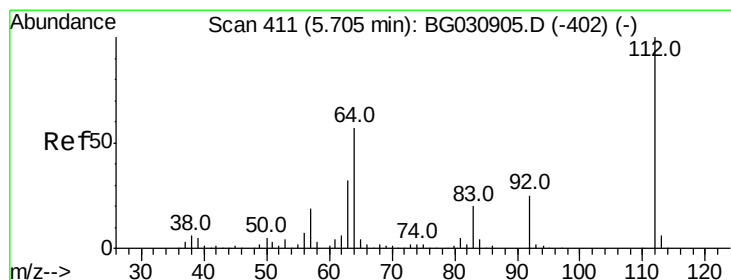
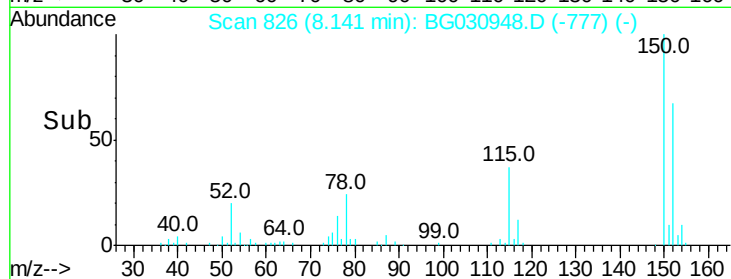
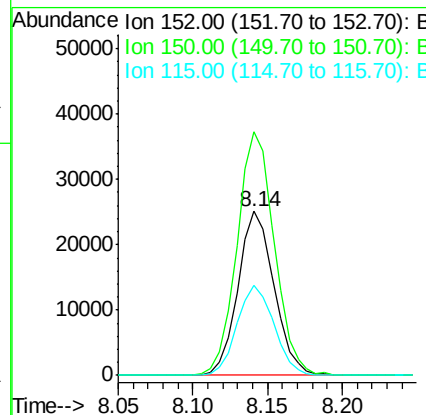
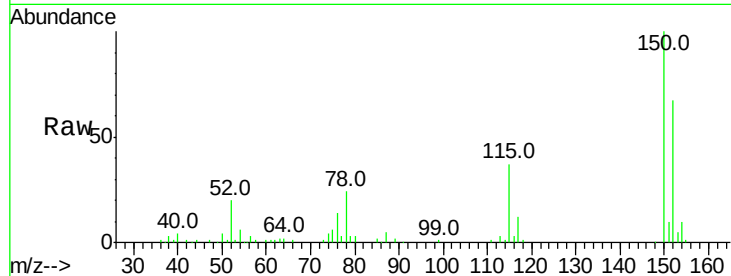


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.14 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: BG030948.D  
Acq: 11 Nov 2017 17:45

Instrument :  
BNA\_G  
ClientSampleId :  
110617-SIDI-F-D-B

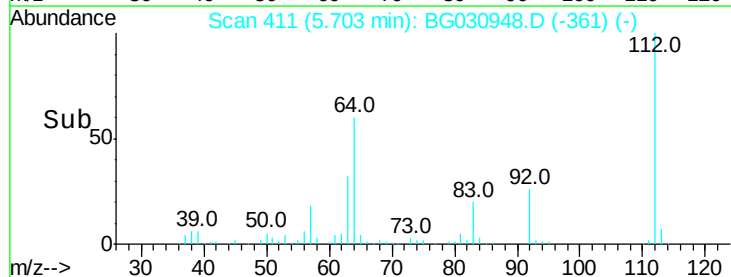
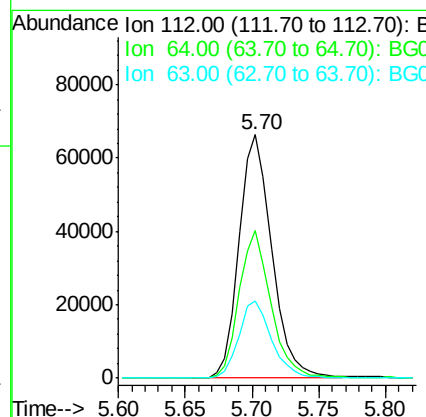
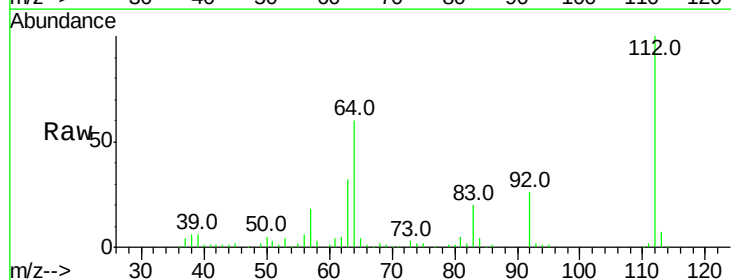
Tot Ion:152 Resp: 42118  
Ion Ratio Lower Upper  
152 100  
150 148.8 126.6 189.8  
115 55.0 53.0 79.4

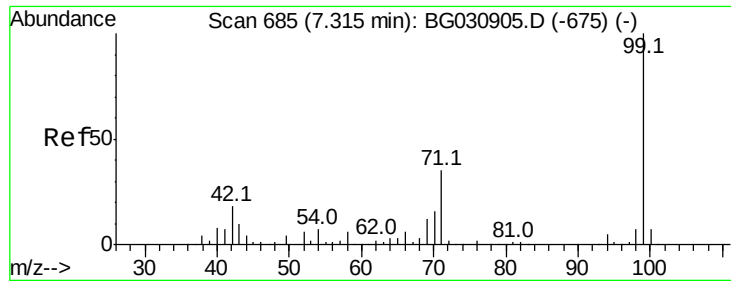


#5

2-Fluorophenol  
Concen: 46.253 ng  
RT: 5.70 min Scan# 411  
Delta R.T. -0.01 min  
Lab File: BG030948.D  
Acq: 11 Nov 2017 17:45

Tgt Ion:112 Resp: 113608  
Ion Ratio Lower Upper  
112 100  
64 60.5 56.3 84.5  
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 27.275 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA\_G

ClientSampleId :

110617-SIDI-F-D-B

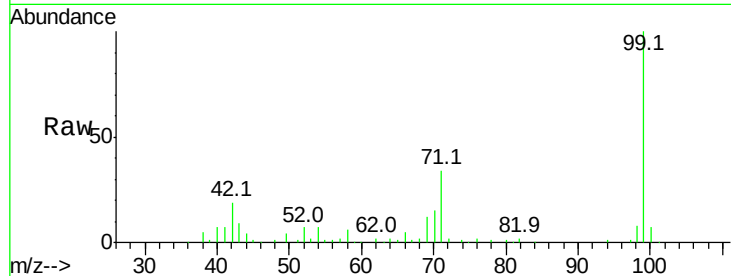
Tot Ion: 99 Resp: 90255

Ion Ratio Lower Upper

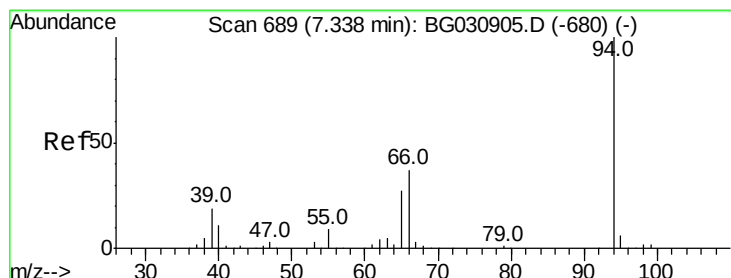
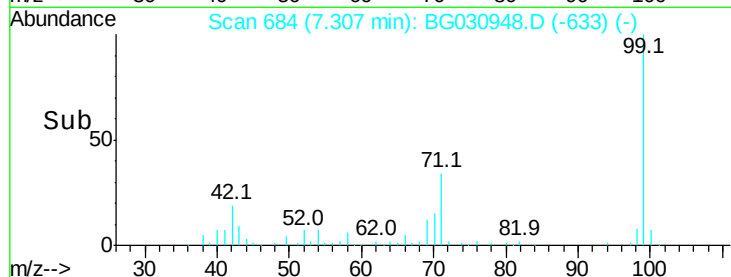
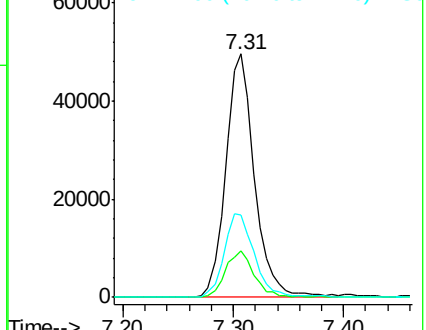
99 100

42 18.9 14.1 21.1

71 33.9 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



#10

Phenol

Concen: 3.238 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

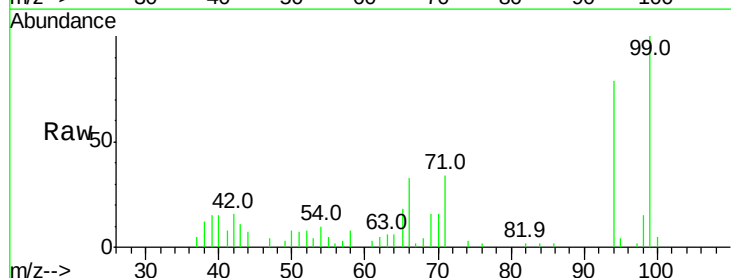
Tgt Ion: 94 Resp: 11127

Ion Ratio Lower Upper

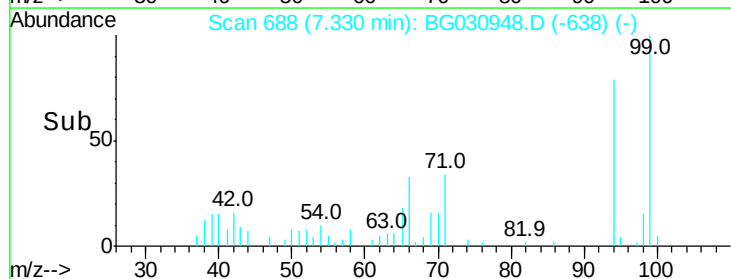
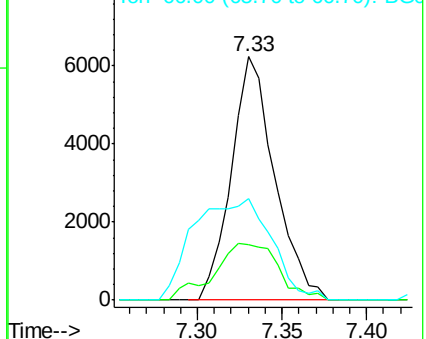
94 100

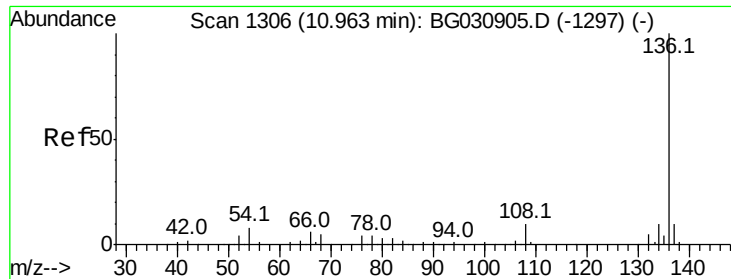
65 22.9 11.9 51.9

66 41.5 22.2 62.2



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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA\_G

ClientSampleId :

110617-SIDI-F-D-B

Tot Ion:136 Resp: 173323

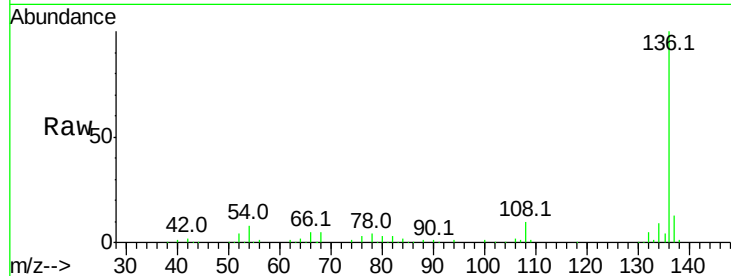
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 7.8 10.3 15.5#

68 5.3 4.5 6.7

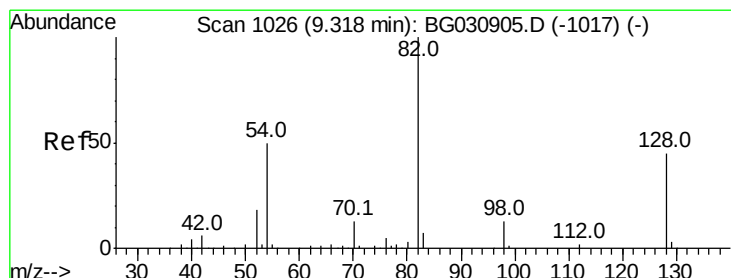
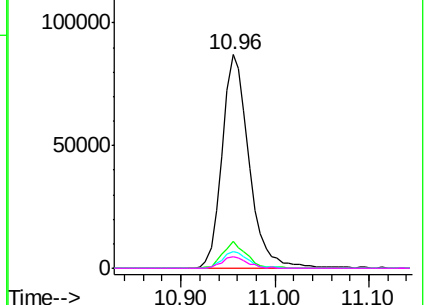
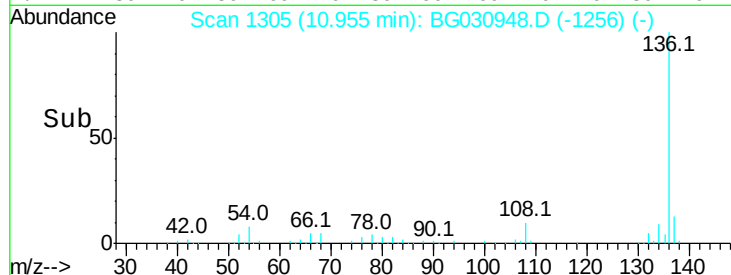


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.231 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

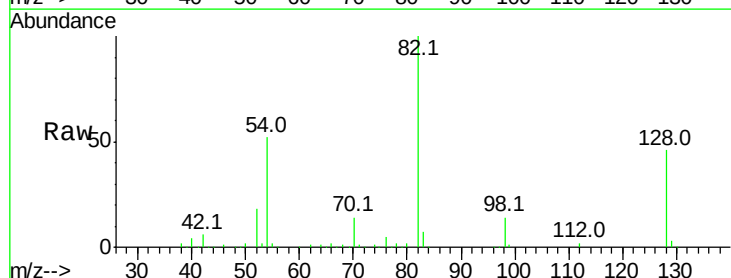
Tgt Ion: 82 Resp: 263923

Ion Ratio Lower Upper

82 100

128 46.3 29.7 44.5#

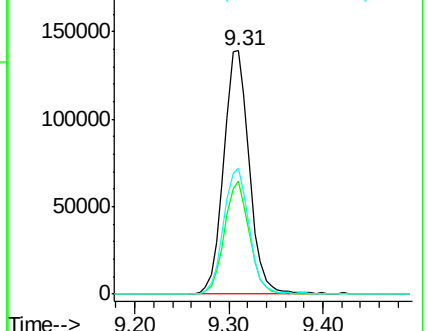
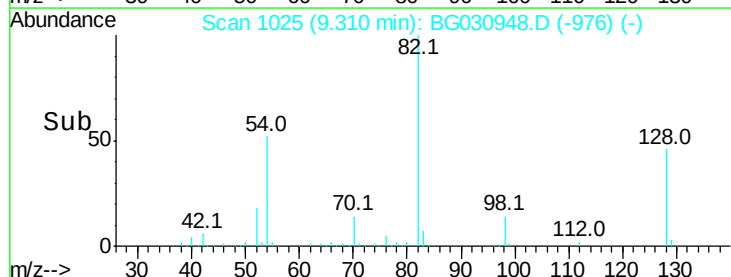
54 51.6 43.1 64.7

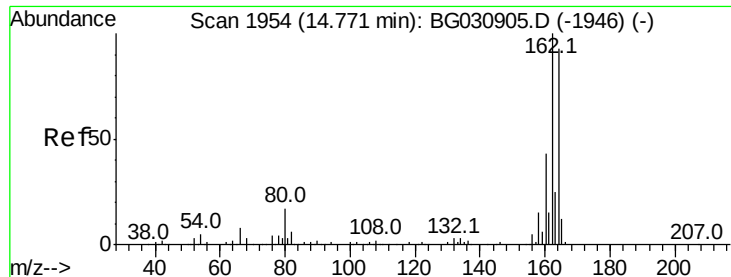


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA\_G

ClientSampleId :

110617-SIDI-F-D-B

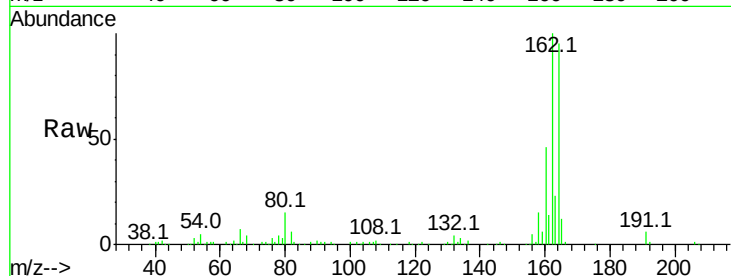
Tot Ion:164 Resp: 127539

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

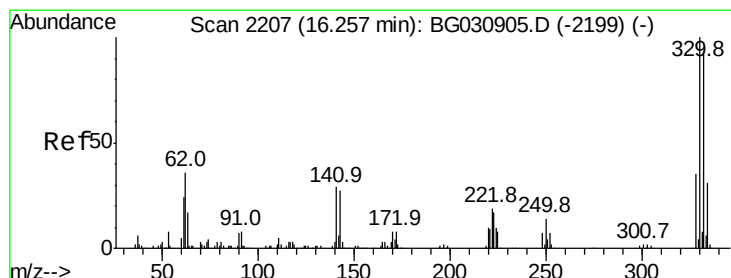
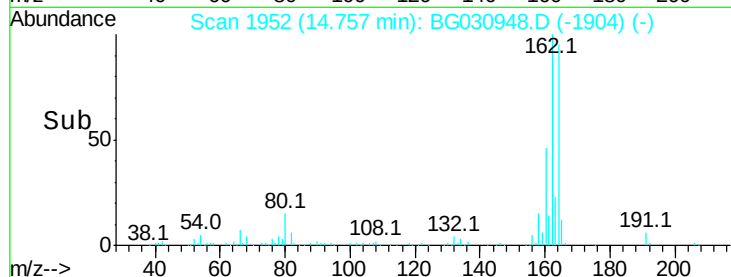
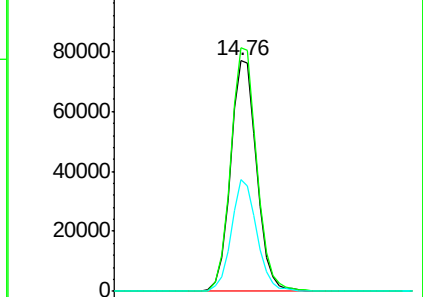
160 48.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 84.052 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

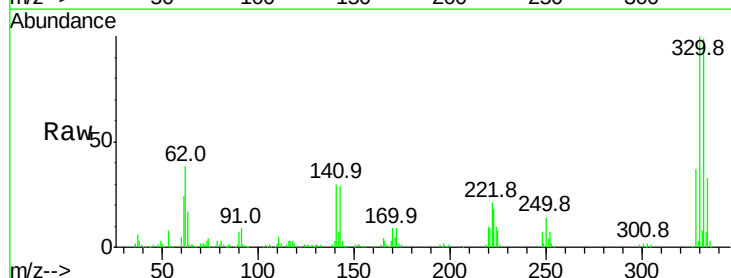
Tgt Ion:330 Resp: 173414

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

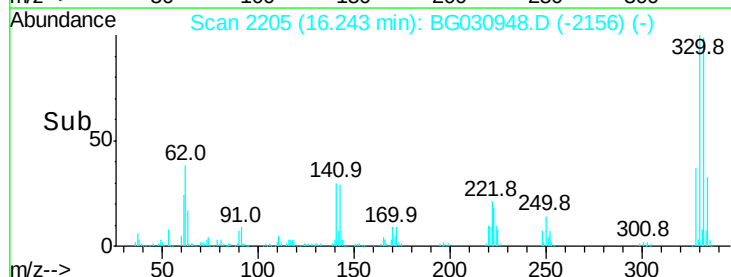
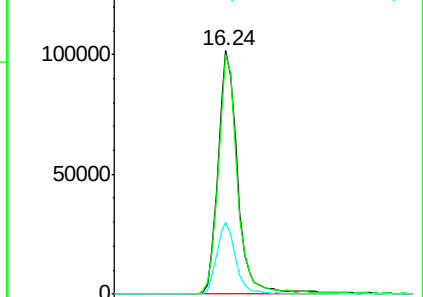
141 28.7 25.2 37.8

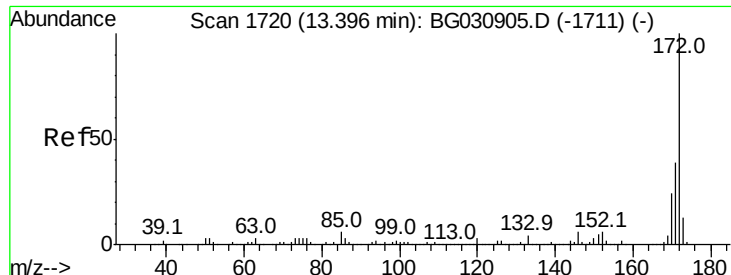


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

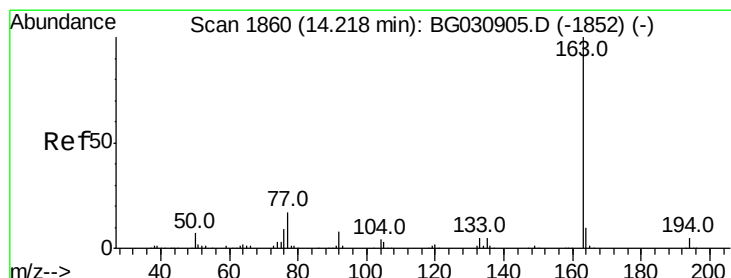
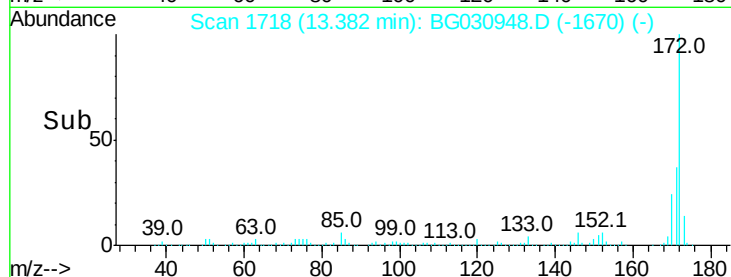
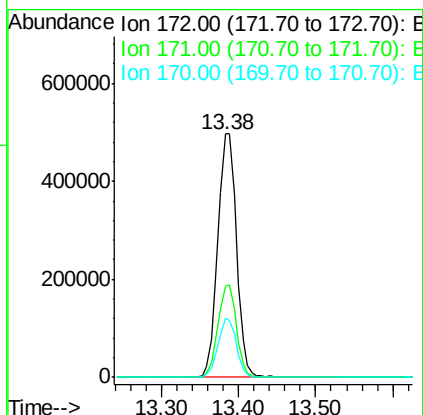
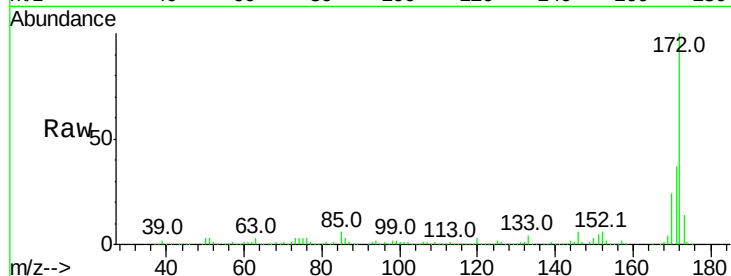




#44  
2-Fluorobiphenyl  
Concen: 93.865 ng  
RT: 13.38 min Scan# 1718  
Delta R.T. -0.02 min  
Lab File: BG030948.D  
Acq: 11 Nov 2017 17:45

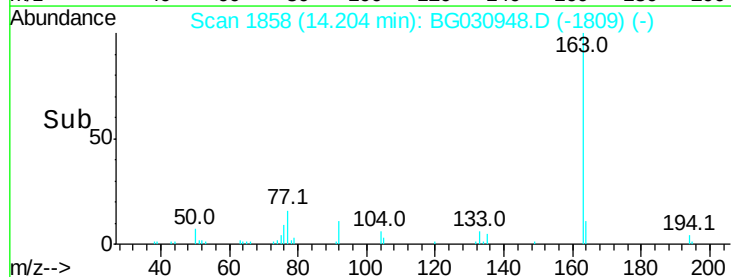
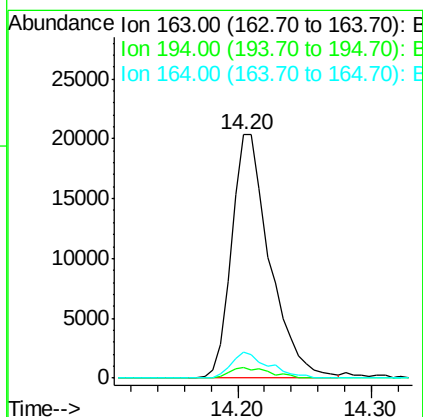
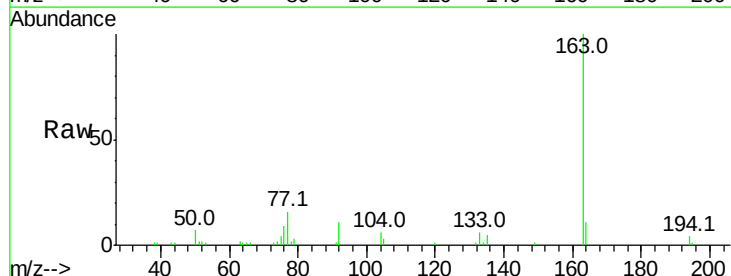
Instrument :  
BNA\_G  
ClientSampleId :  
110617-SIDI-F-D-B

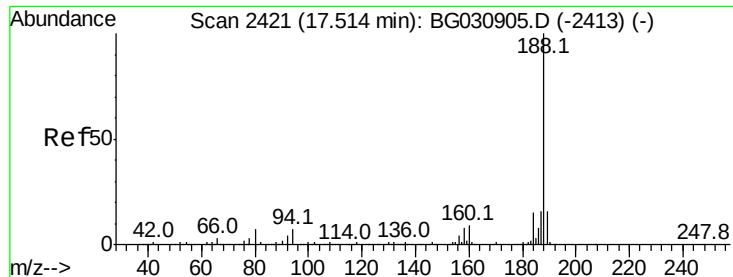
Tot Ion:172 Resp: 833150  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.0 45.0  
170 24.2 19.5 29.3



#49  
Dimethylphthalate  
Concen: 3.674 ng  
RT: 14.20 min Scan# 1858  
Delta R.T. -0.01 min  
Lab File: BG030948.D  
Acq: 11 Nov 2017 17:45

Tgt Ion:163 Resp: 40513  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.8 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

Instrument :

BNA\_G

ClientSampleId :

110617-SIDI-F-D-B

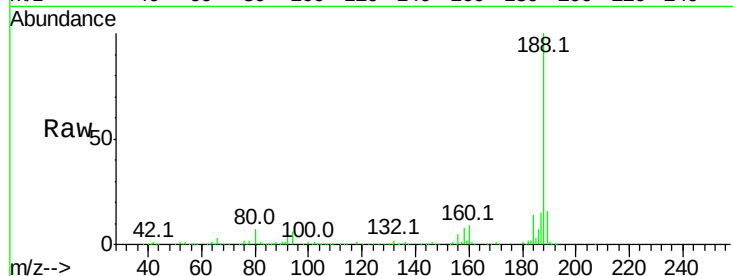
Tot Ion:188 Resp: 351245

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

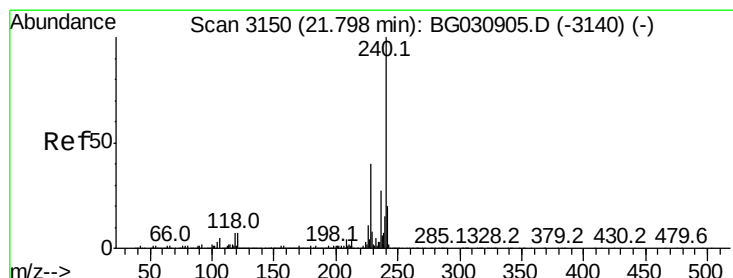
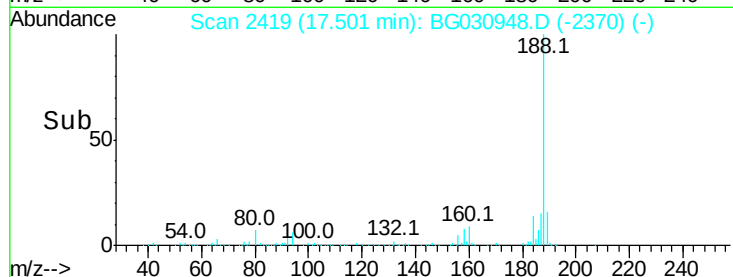
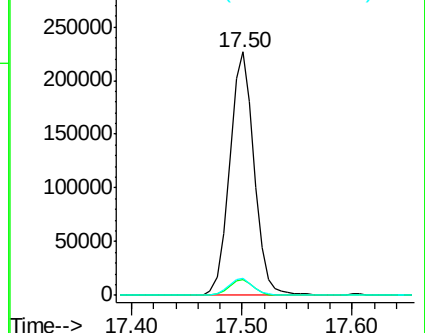
80 7.1 7.7 11.5#



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

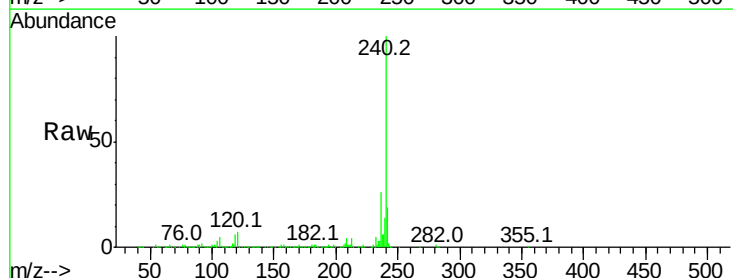
Tgt Ion:240 Resp: 430023

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

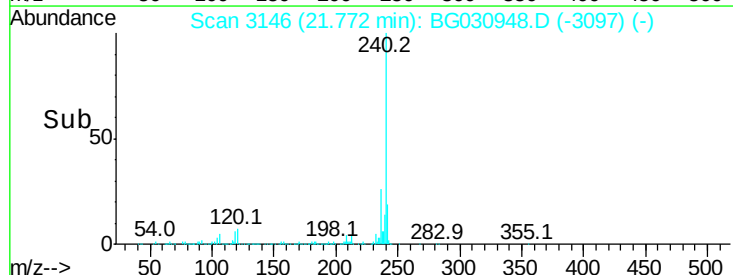
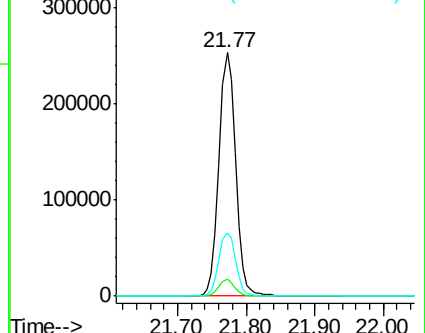
236 26.1 20.9 31.3



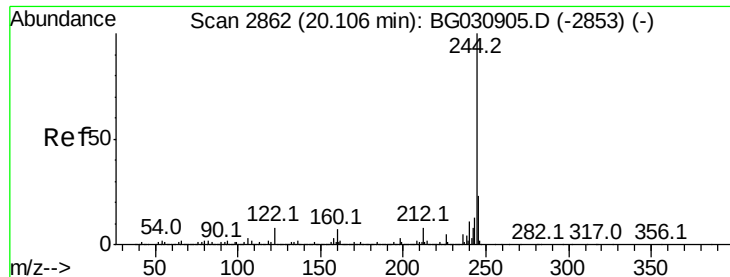
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#78

Terphenyl-d14

Concen: 82.199 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030948.D

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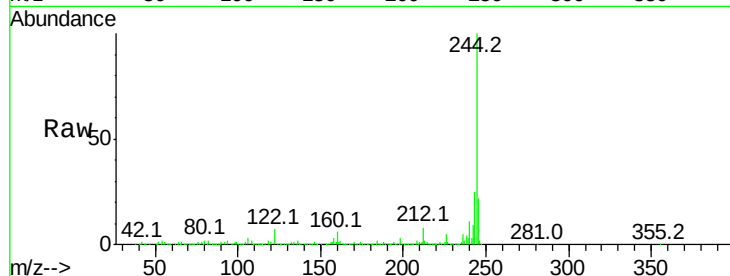
Tot Ion:244 Resp: 1600826

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

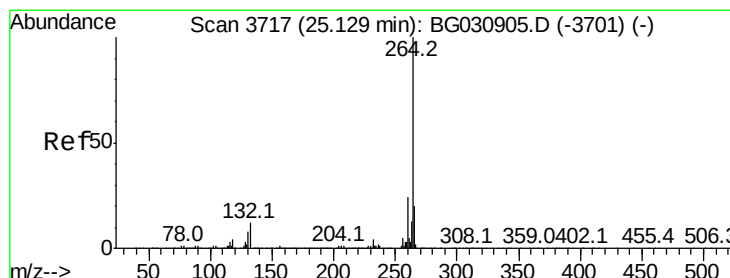
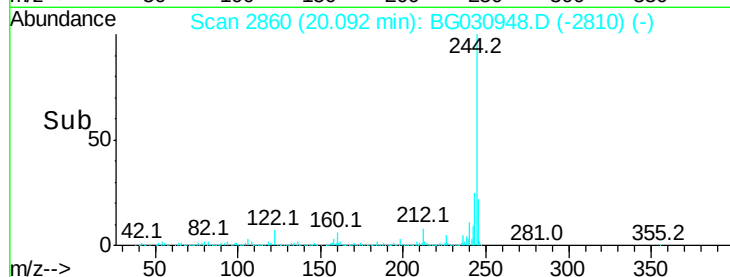
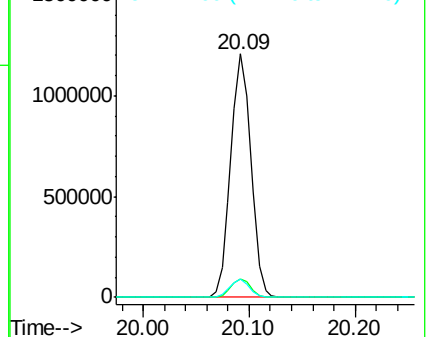
122 7.5 7.0 10.4



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030948.D

Acq: 11 Nov 2017 17:45

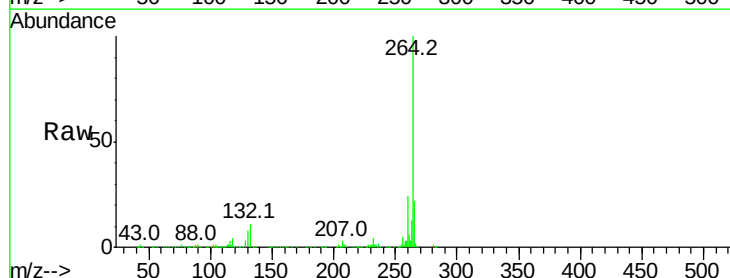
Tgt Ion:264 Resp: 425593

Ion Ratio Lower Upper

264 100

260 23.5 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

