

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\  
 Data File : BG024715.D  
 Acq On : 5 Nov 2016 16:33  
 Operator : UM/SJ  
 Sample : H5527-06  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GW-103-12.1-22.0

Quant Time: Nov 07 00:25:03 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

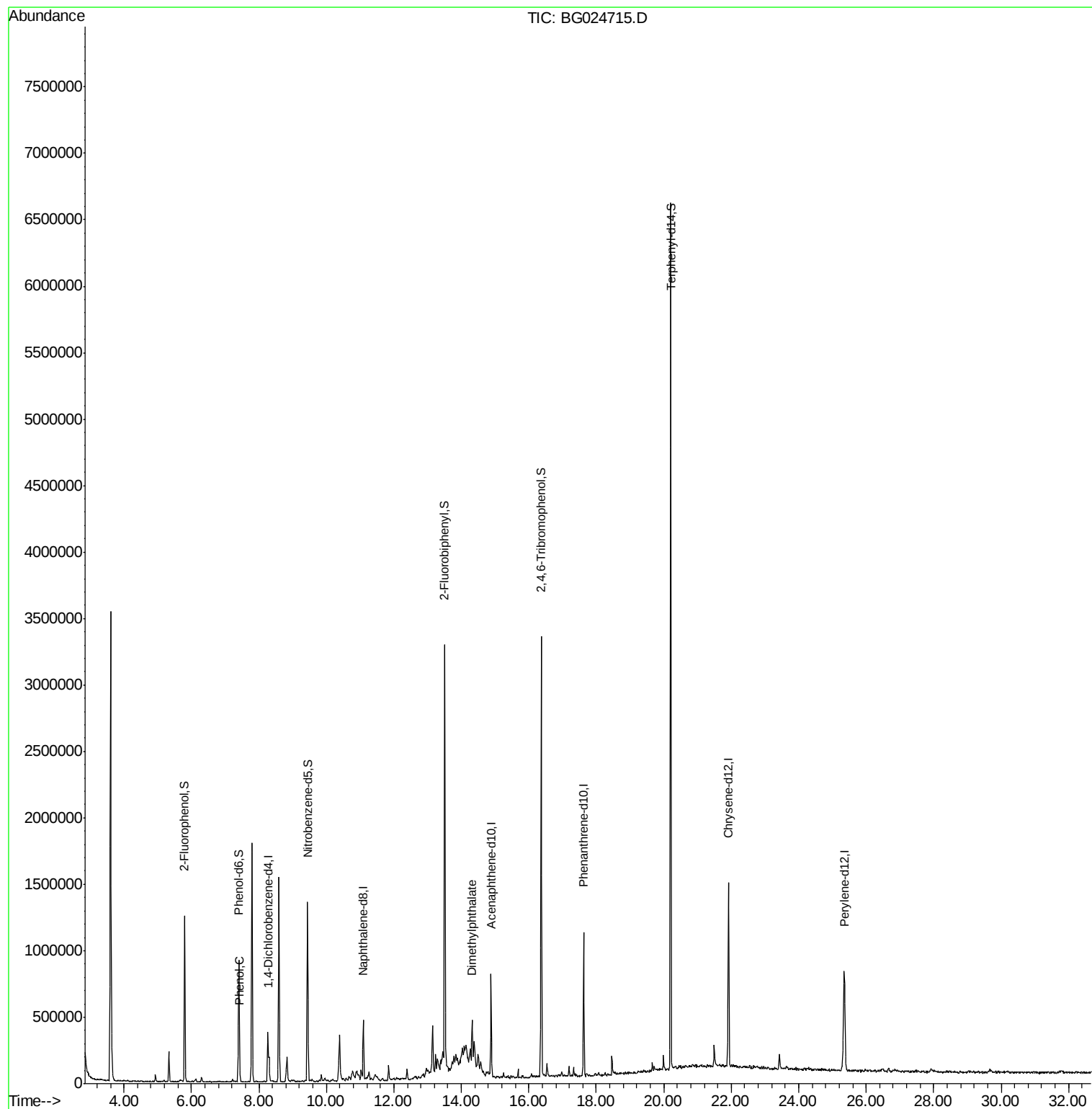
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.26  | 152  | 98070    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.10 | 136  | 370597   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.88 | 164  | 274981   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 17.62 | 188  | 660214   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.92 | 240  | 935116   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 25.35 | 264  | 971733   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.80  | 112  | 511659   | 85.51  | ng    | 0.00     |
| 7) Phenol-d6                | 7.41  | 99   | 514949   | 62.74  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.44  | 82   | 843251   | 103.60 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.37 | 330  | 669591   | 162.99 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.51 | 172  | 1630128  | 98.53  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.20 | 244  | 2802255  | 89.54  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.43  | 94   | 34985    | 4.13   | ng    | 94       |
| 49) Dimethylphthalate       | 14.32 | 163  | 178218   | 9.13   | ng    | 96       |

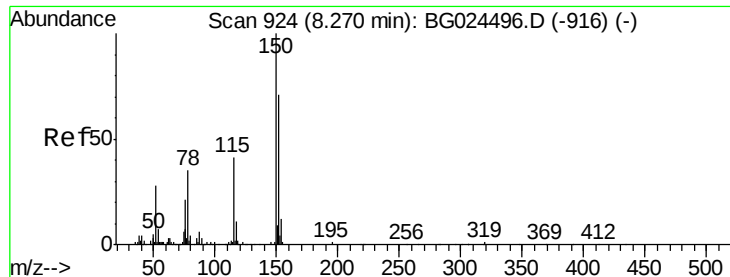
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Instrument :

BNA\_G

ClientSampleId :

GW-103-12.1-22.0

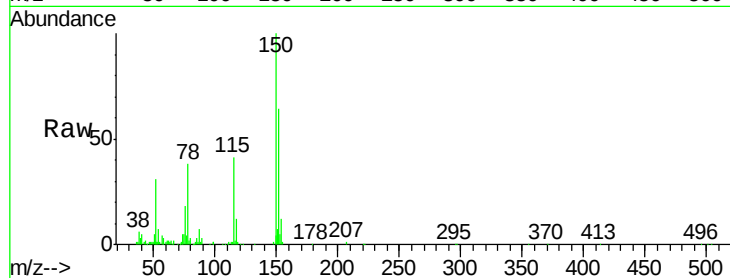
Tot Ion:152 Resp: 98070

Ion Ratio Lower Upper

152 100

150 157.2 114.0 171.0

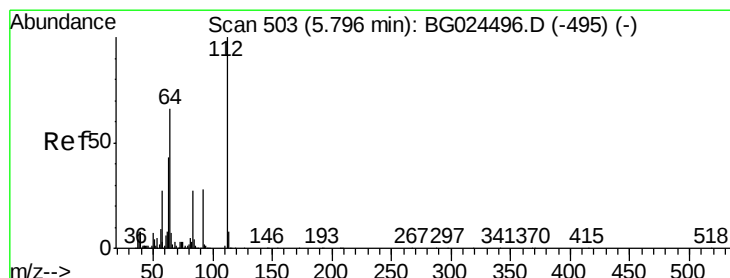
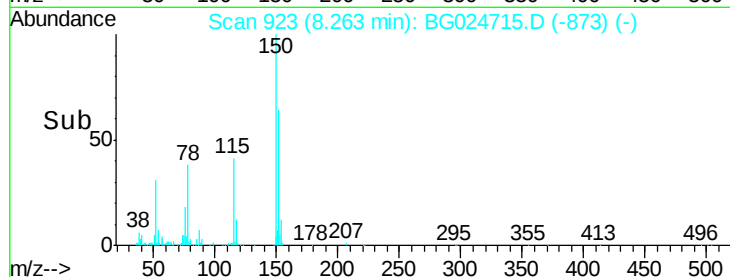
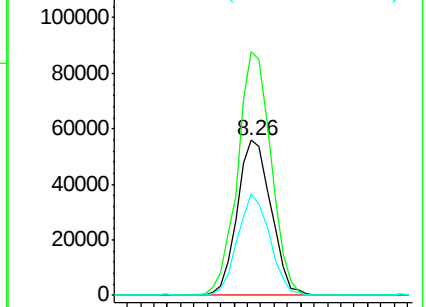
115 65.2 48.1 72.1



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: 85.51 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

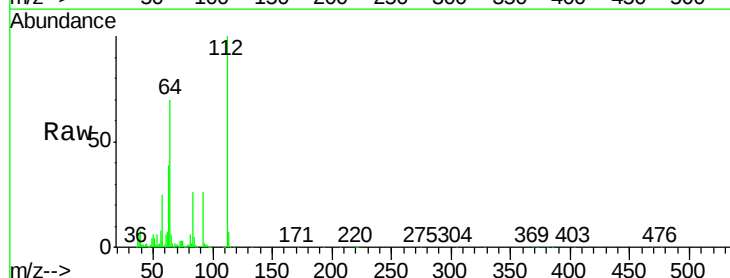
Tgt Ion:112 Resp: 511659

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

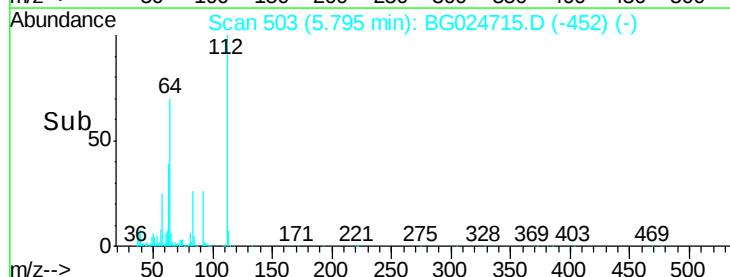
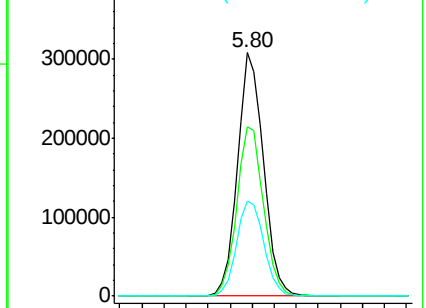
63 38.8 37.2 55.8

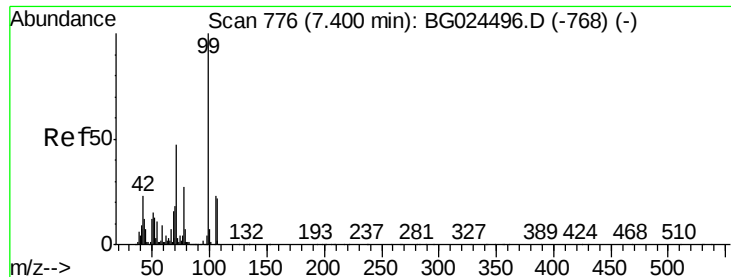


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 62.74 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Instrument :

BNA\_G

ClientSampleId :

GW-103-12.1-22.0

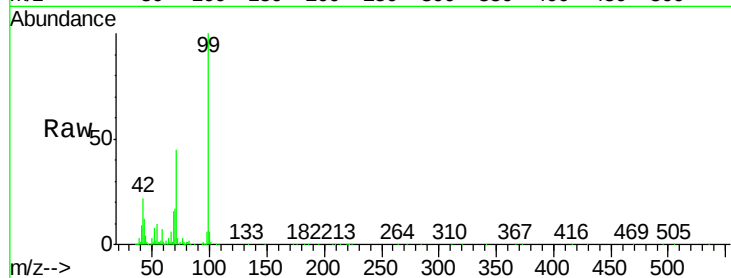
Tot Ion: 99 Resp: 514949

Ion Ratio Lower Upper

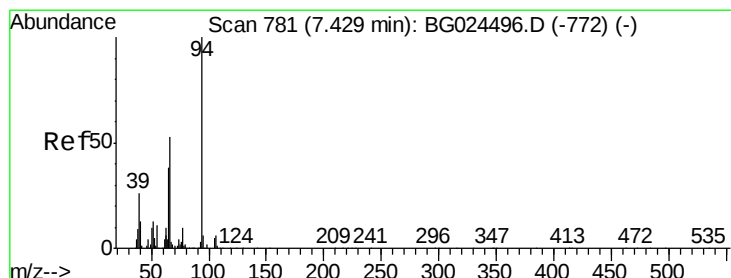
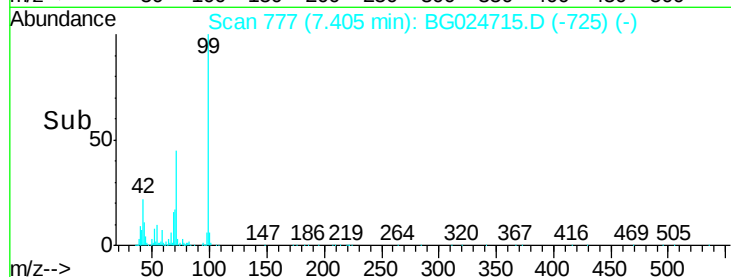
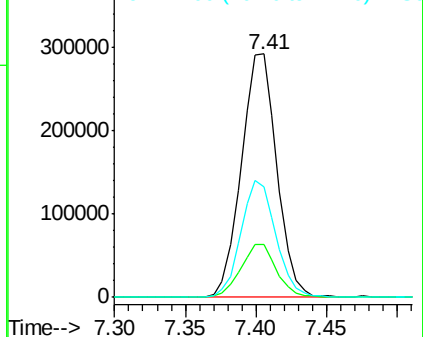
99 100

42 22.0 20.5 30.7

71 45.4 37.6 56.4



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: 4.13 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

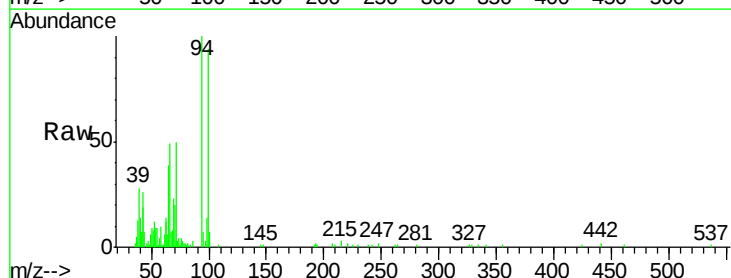
Tgt Ion: 94 Resp: 34985

Ion Ratio Lower Upper

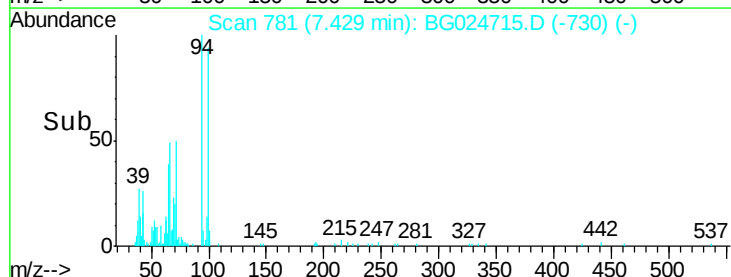
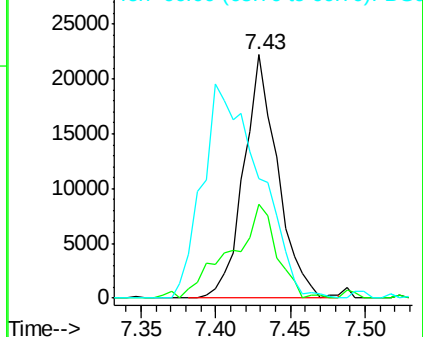
94 100

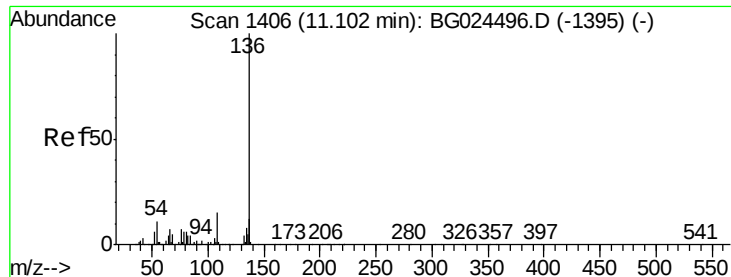
65 38.7 20.6 60.6

66 49.2 35.5 75.5



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: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Instrument :

BNA\_G

ClientSampleId :

GW-103-12.1-22.0

Tot Ion:136 Resp: 370597

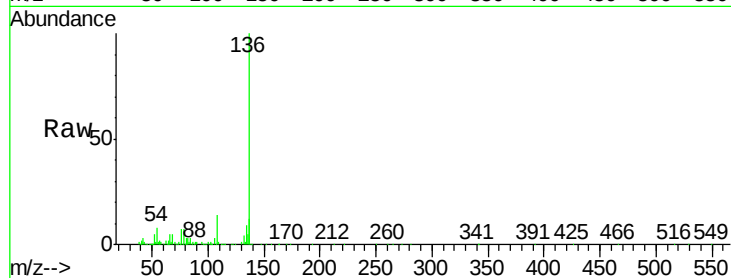
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 8.3 9.3 13.9#

68 5.3 5.1 7.7

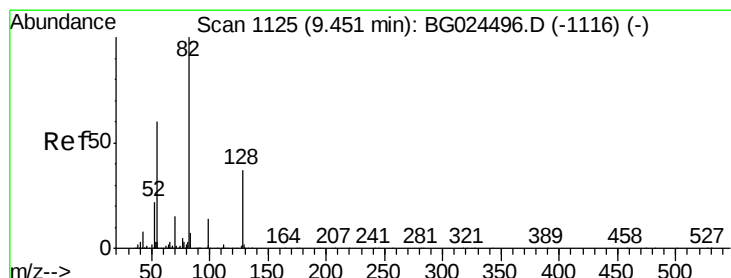
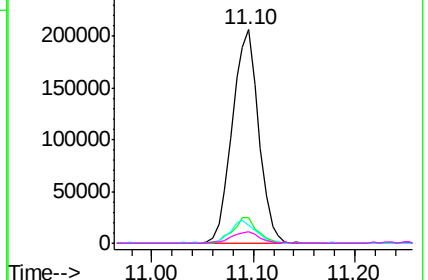
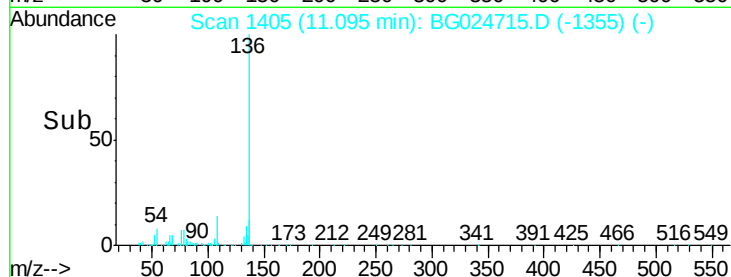


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.60 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

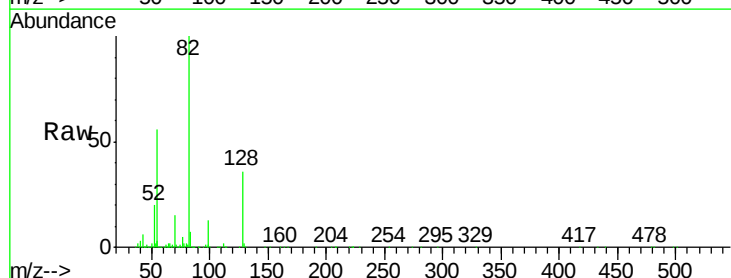
Tgt Ion: 82 Resp: 843251

Ion Ratio Lower Upper

82 100

128 36.2 26.4 39.6

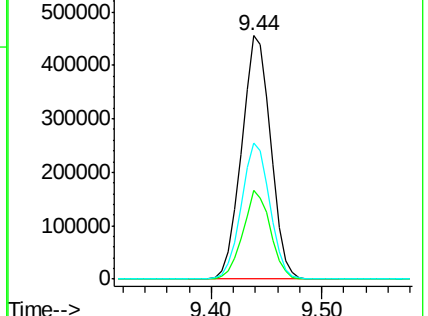
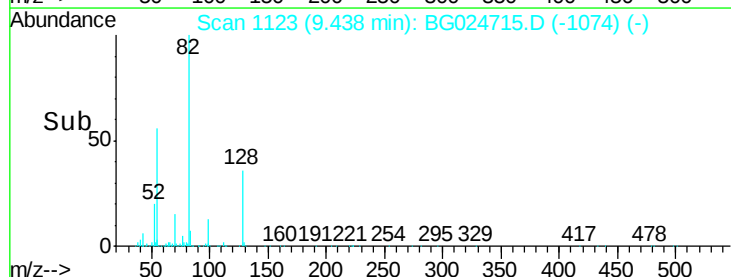
54 55.7 49.4 74.2

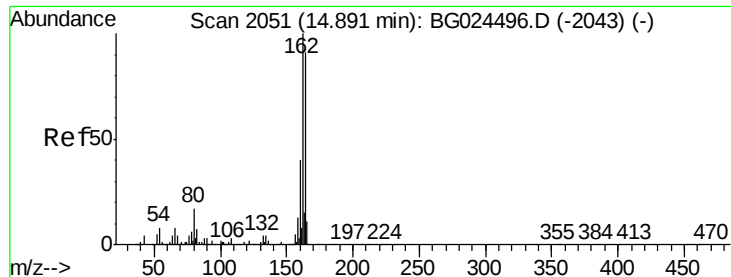


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Instrument :

BNA\_G

ClientSampleId :

GW-103-12.1-22.0

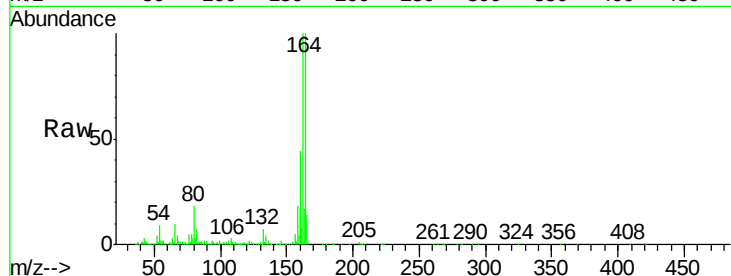
Tot Ion:164 Resp: 274981

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

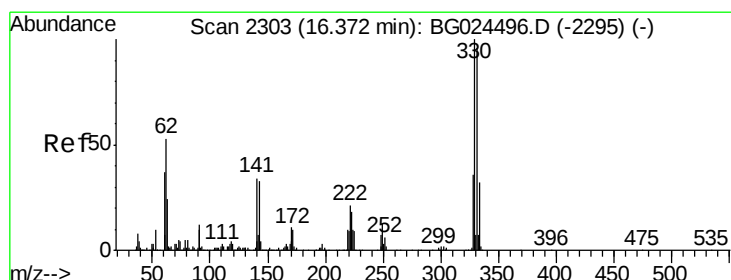
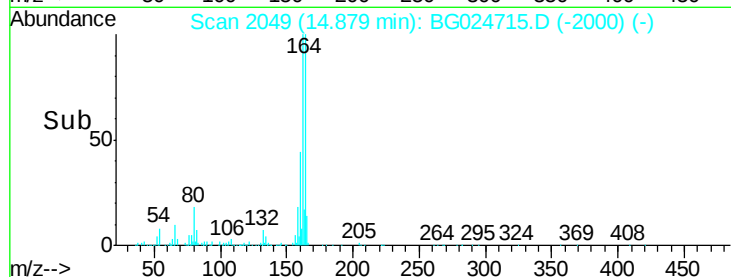
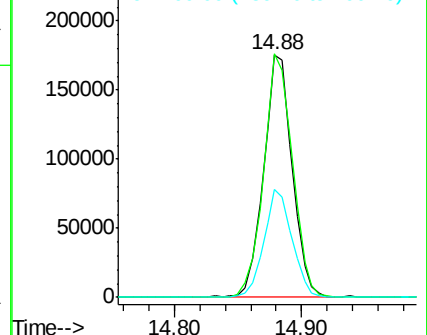
160 44.6 34.7 52.1



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: 162.99 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

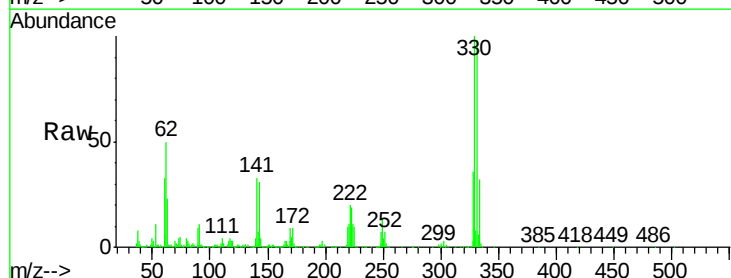
Tgt Ion:330 Resp: 669591

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

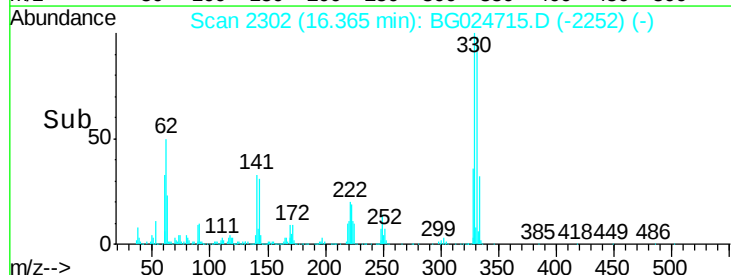
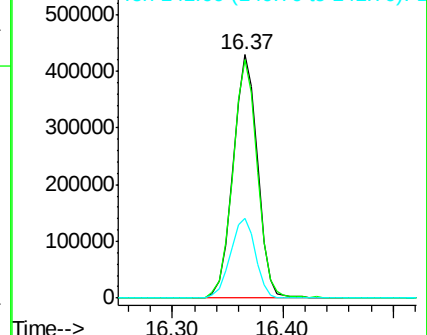
141 33.7 32.1 48.1

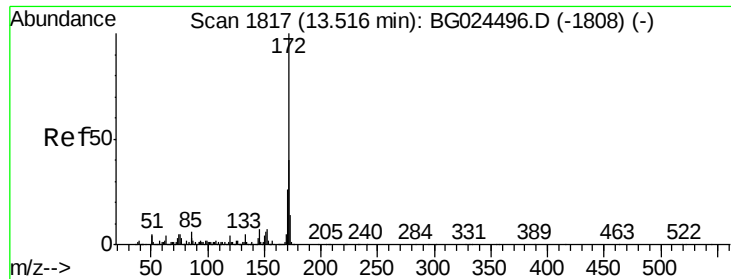


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

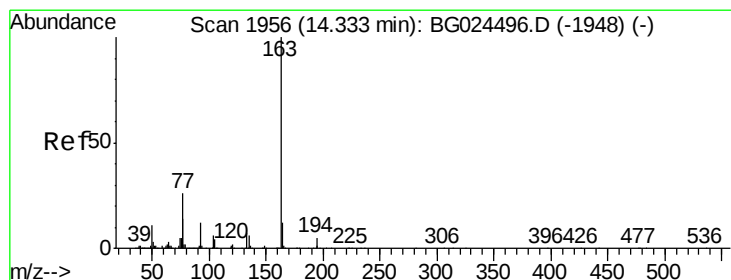
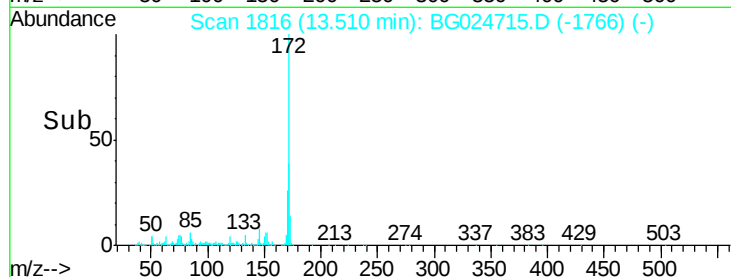
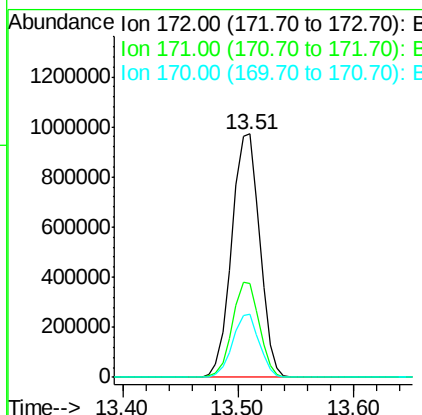
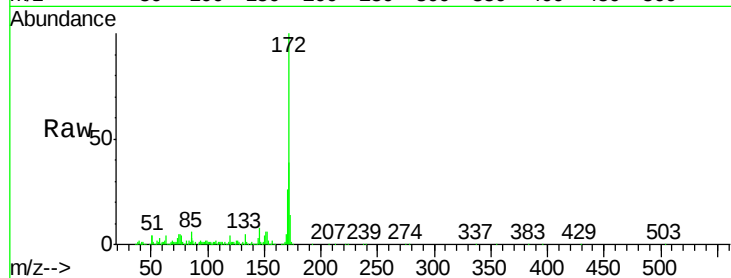




#44  
2-Fluorobiphenyl  
Concen: 98.53 ng  
RT: 13.51 min Scan# 1816  
Delta R.T. -0.01 min  
Lab File: BG024715.D  
Acq: 5 Nov 2016 16:33

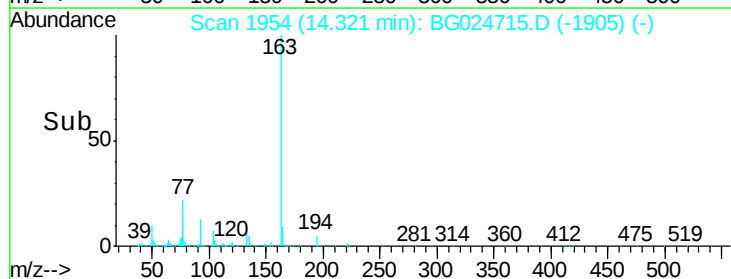
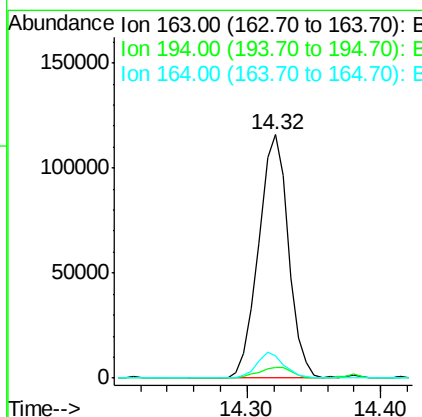
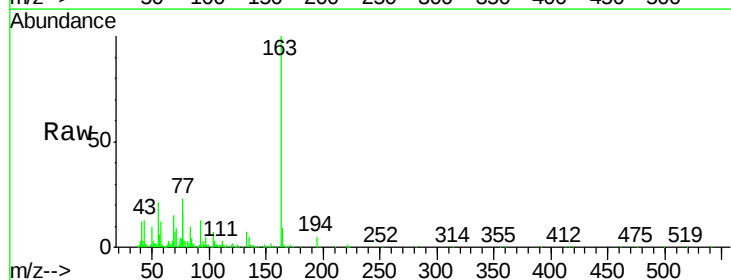
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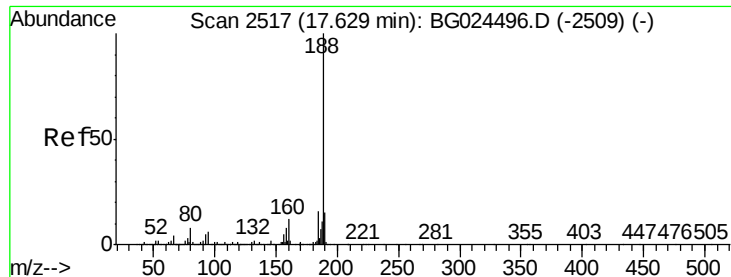
Tot Ion:172 Resp: 1630128  
Ion Ratio Lower Upper  
172 100  
171 38.7 32.2 48.2  
170 26.1 21.8 32.6



#49  
Dimethylphthalate  
Concen: 9.13 ng  
RT: 14.32 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG024715.D  
Acq: 5 Nov 2016 16:33

Tgt Ion:163 Resp: 178218  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.8 5.6  
164 9.3 9.3 13.9

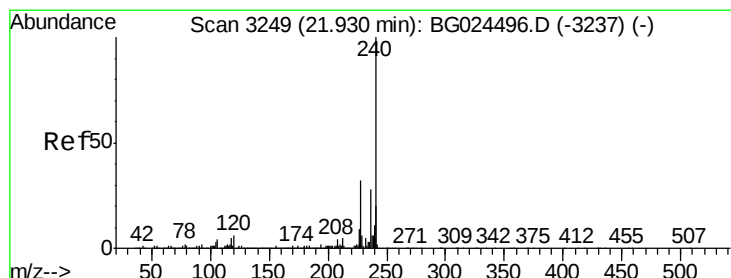
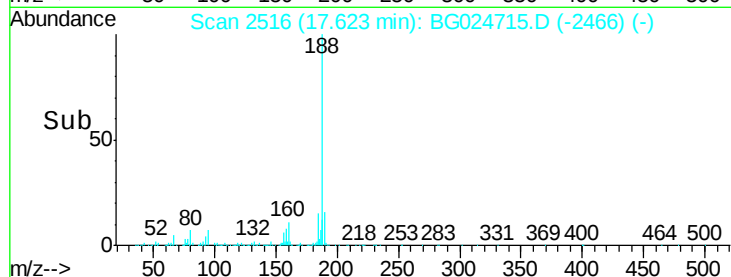
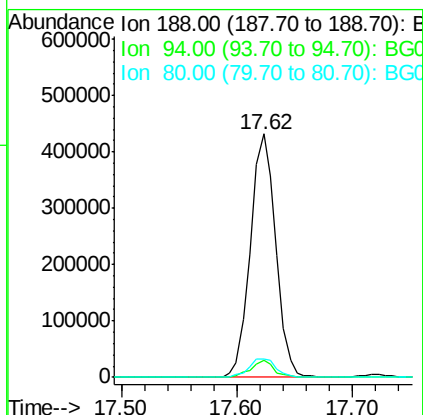
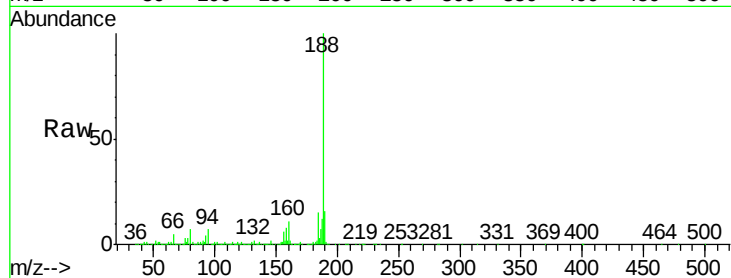




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.62 min Scan# 2516  
Delta R.T. -0.01 min  
Lab File: BG024715.D  
Acq: 5 Nov 2016 16:33

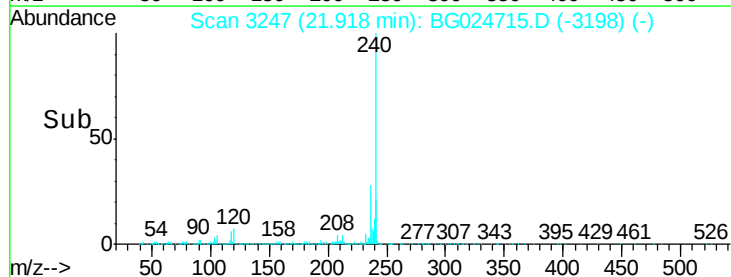
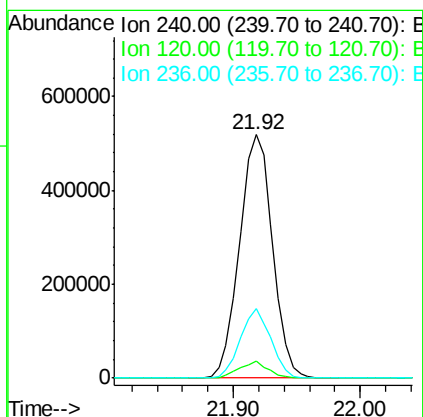
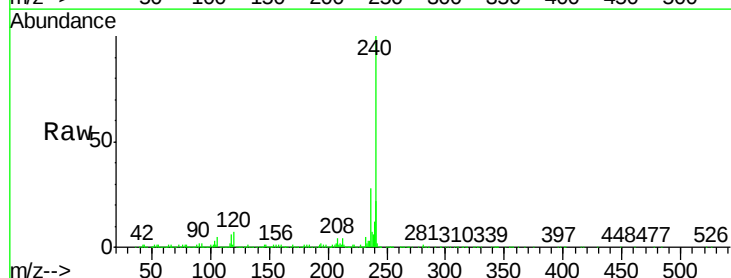
Instrument :  
BNA\_G  
ClientSampleId :  
GW-103-12.1-22.0

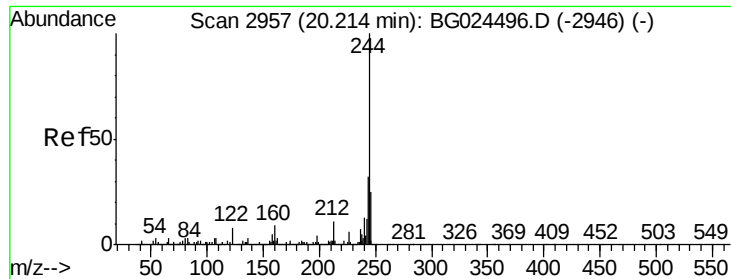
Tot Ion:188 Resp: 660214  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.8 8.8  
80 7.4 7.5 11.3#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.92 min Scan# 3247  
Delta R.T. -0.01 min  
Lab File: BG024715.D  
Acq: 5 Nov 2016 16:33

Tgt Ion:240 Resp: 935116  
Ion Ratio Lower Upper  
240 100  
120 7.0 5.7 8.5  
236 28.4 22.2 33.4





#78

Terphenyl-d14

Concen: 89.54 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Instrument :

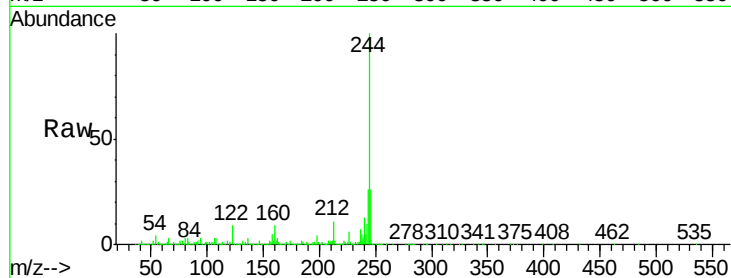
BNA\_G

ClientSampleId :

GW-103-12.1-22.0

Tot Ion:244 Resp: 2802255

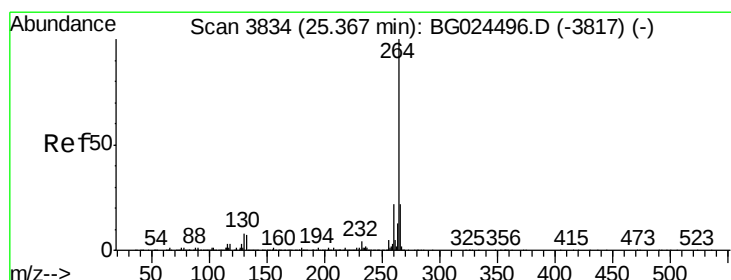
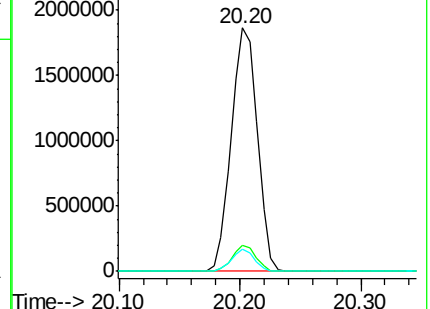
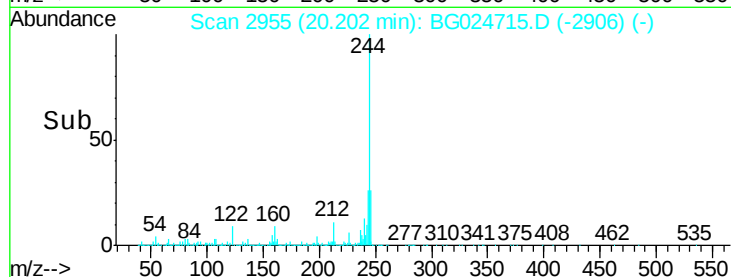
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.9  | 10.0  | 15.0  |
| 122 | 9.1   | 8.6   | 12.8  |



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: 25.35 min Scan# 3831

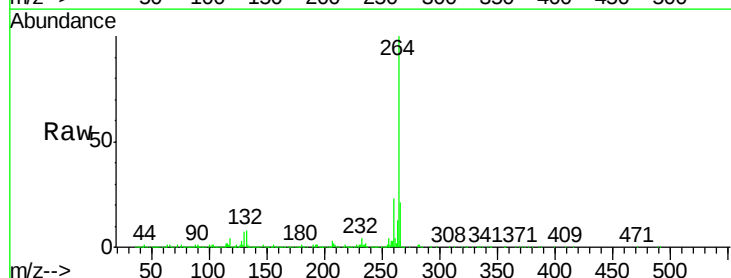
Delta R.T. -0.02 min

Lab File: BG024715.D

Acq: 5 Nov 2016 16:33

Tgt Ion:264 Resp: 971733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 21.8  | 32.8  |
| 265 | 20.8  | 18.2  | 27.4  |



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

