

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\  
 Data File : BG022351.D  
 Acq On : 15 Jun 2016 2:41  
 Operator : UM/SJ  
 Sample : H3492-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-05-COMP

Quant Time: Jun 15 03:40:29 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

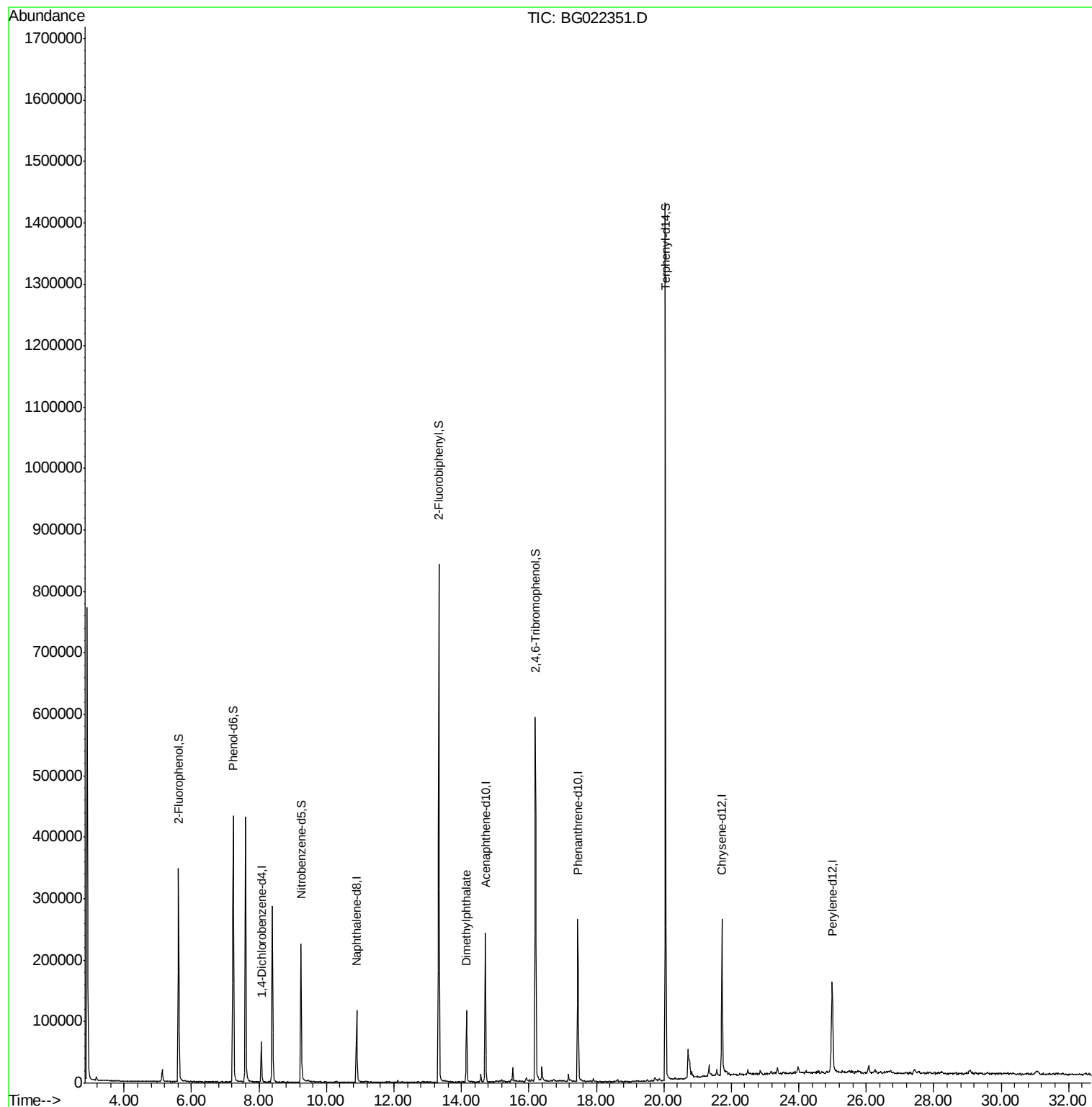
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 23849    | 20.00  | ng    | -0.02         |
| 21) Naphthalene-d8          | 10.90 | 136  | 134789   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 14.71 | 164  | 94909    | 20.00  | ng    | -0.02         |
| 63) Phenanthrene-d10        | 17.45 | 188  | 191947   | 20.00  | ng    | -0.02         |
| 75) Chrysene-d12            | 21.72 | 240  | 169998   | 20.00  | ng    | -0.02         |
| 86) Perylene-d12            | 24.99 | 264  | 160740   | 20.00  | ng    | -0.02         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.61  | 112  | 226405   | 183.55 | ng    | -0.02         |
| 7) Phenol-d6                | 7.23  | 99   | 369102   | 190.32 | ng    | -0.02         |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 185837   | 96.12  | ng    | -0.02         |
| 41) 2,4,6-Tribromophenol    | 16.20 | 330  | 129287   | 120.56 | ng    | -0.02         |
| 44) 2-Fluorobiphenyl        | 13.33 | 172  | 510649   | 81.99  | ng    | -0.02         |
| 78) Terphenyl-d14           | 20.05 | 244  | 651880   | 91.04  | ng    | -0.01         |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.15 | 163  | 99662    | 12.66  | ng    | Qvalue<br>100 |

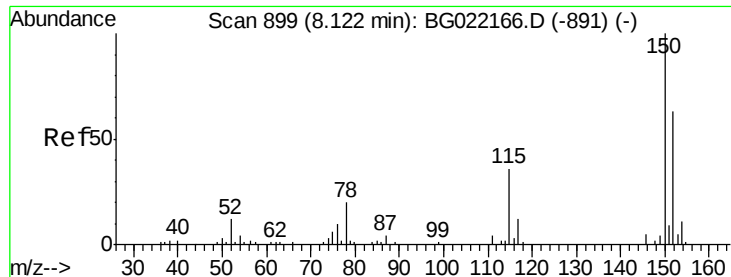
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\  
Data File : BG022351.D  
Acq On : 15 Jun 2016 2:41  
Operator : UM/SJ  
Sample : H3492-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-05-COMP

Quant Time: Jun 15 03:40:29 2016  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 13 17:40:23 2016  
Response via : Initial Calibration



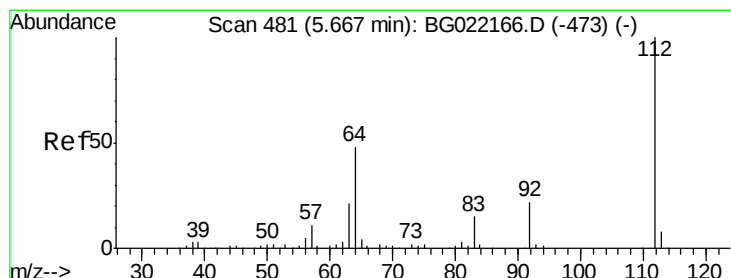
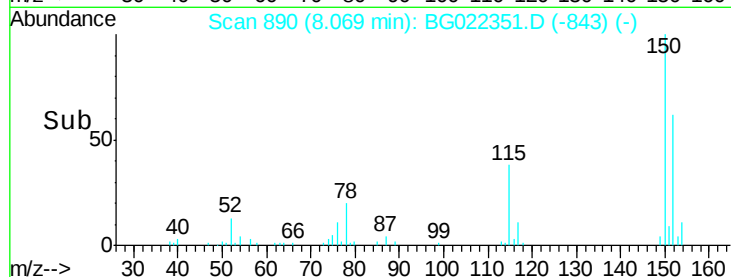
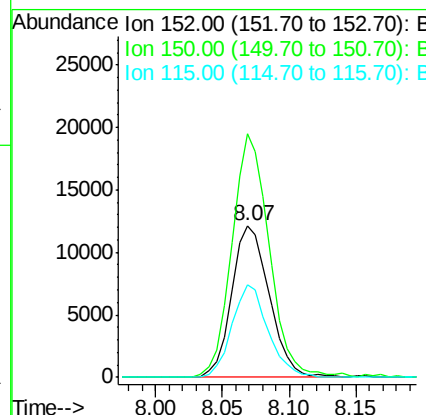
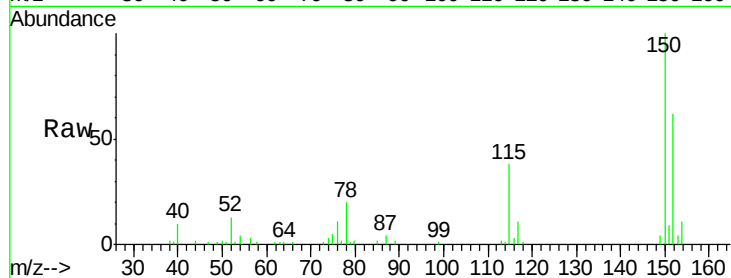


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.07 min Scan# 890  
Delta R.T. -0.02 min  
Lab File: BG022351.D  
Acq: 15 Jun 2016 2:41

Instrument :  
BNA\_G  
ClientSampleId :  
SB-05-COMP

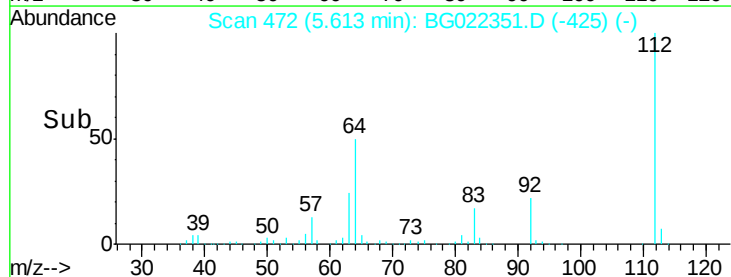
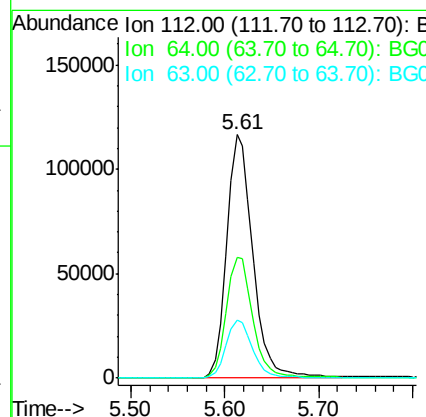
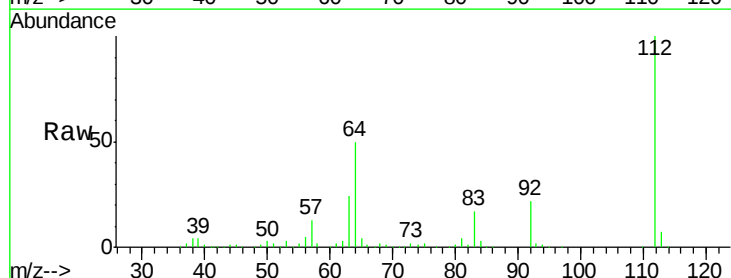
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.8 | 130.1 | 195.1 |
| 115     | 60.8  | 62.2  | 93.2# |

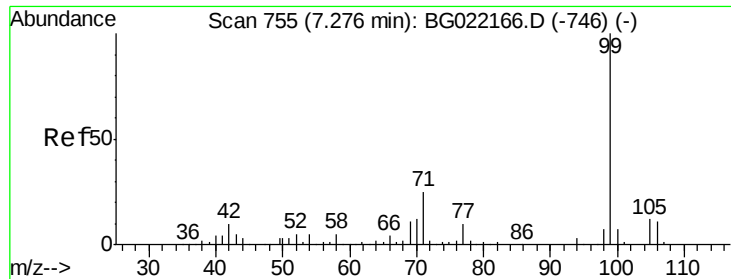


#5

2-Fluorophenol  
Concen: 183.55 ng  
RT: 5.61 min Scan# 472  
Delta R.T. -0.02 min  
Lab File: BG022351.D  
Acq: 15 Jun 2016 2:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 49.7  | 51.1  | 76.7# |
| 63      | 23.7  | 24.6  | 37.0# |





#7

Phenol-d6

Concen: 190.32 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA\_G

ClientSampleId :

SB-05-COMP

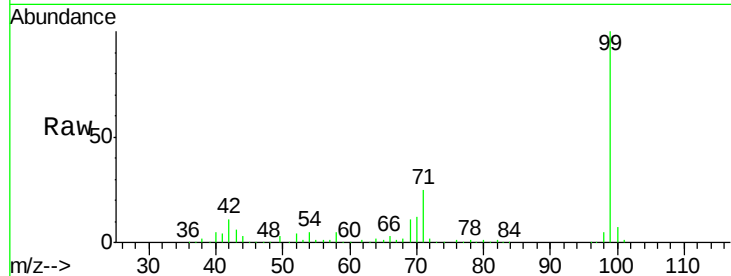
Tot Ion: 99 Resp: 369102

Ion Ratio Lower Upper

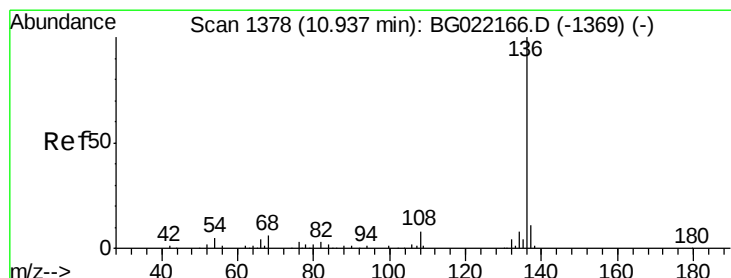
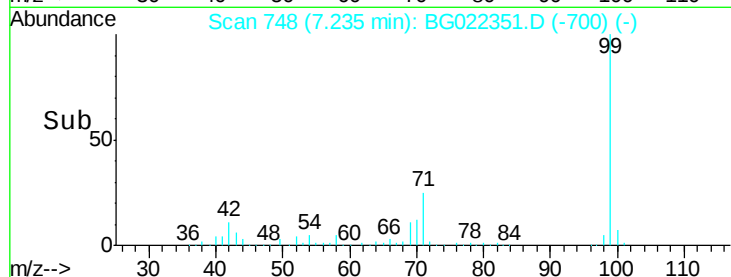
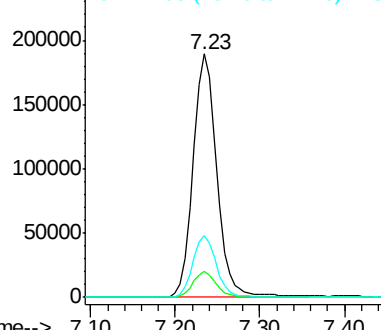
99 100

42 10.8 16.4 24.6#

71 25.3 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.90 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Tgt Ion: 136 Resp: 134789

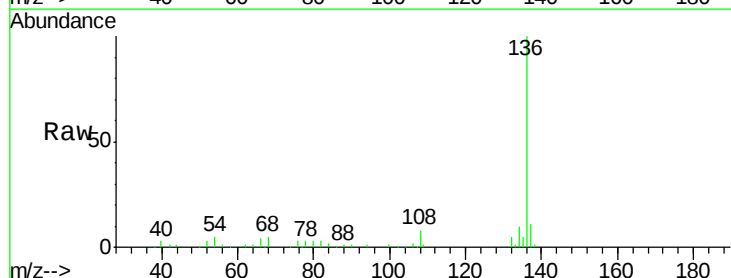
Ion Ratio Lower Upper

136 100

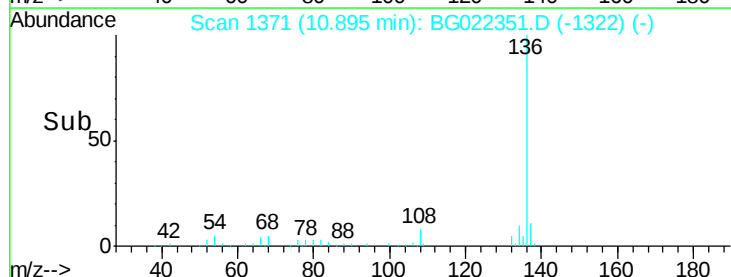
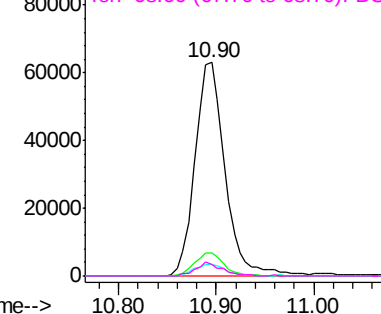
137 10.9 9.0 13.4

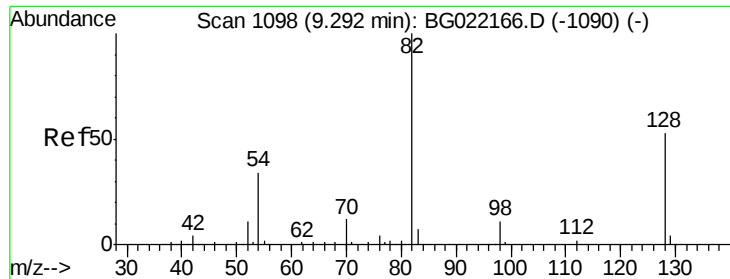
54 5.2 9.6 14.4#

68 5.2 6.4 9.6#



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

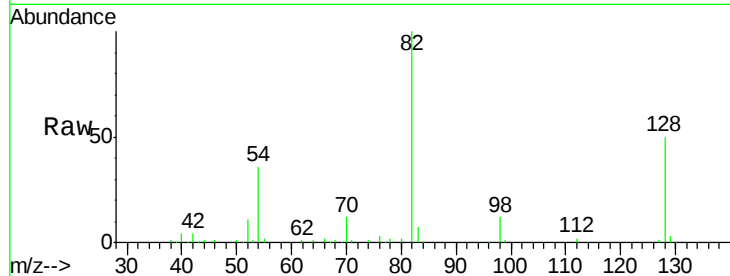




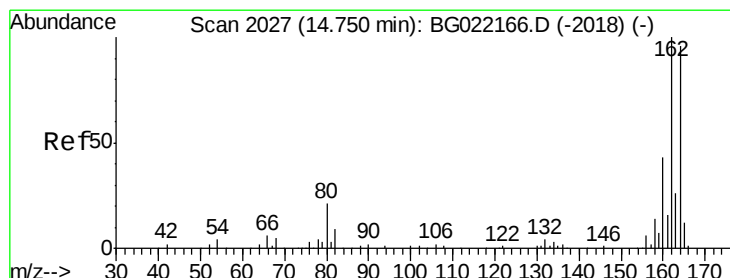
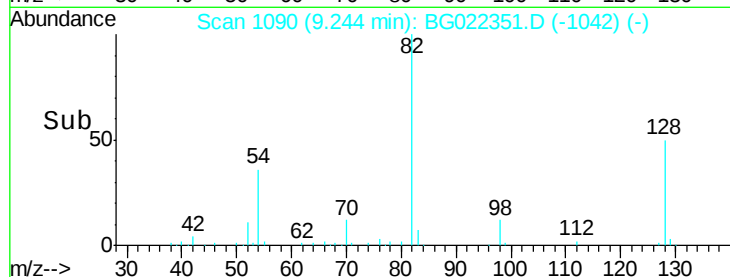
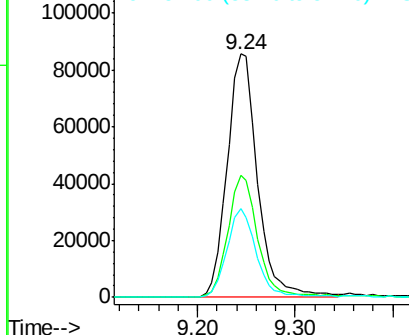
#23  
Nitrobenzene-d5  
Concen: 96.12 ng  
RT: 9.24 min Scan# 1090  
Delta R.T. -0.02 min  
Lab File: BG022351.D  
Acq: 15 Jun 2016 2:41

Instrument :  
BNA\_G  
ClientSampled :  
SB-05-COMP

Tot Ion: 82 Resp: 185837  
Ion Ratio Lower Upper  
82 100  
128 50.0 33.4 50.0  
54 36.5 46.1 69.1#

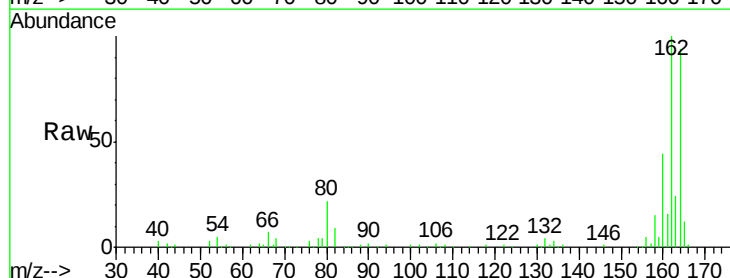


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

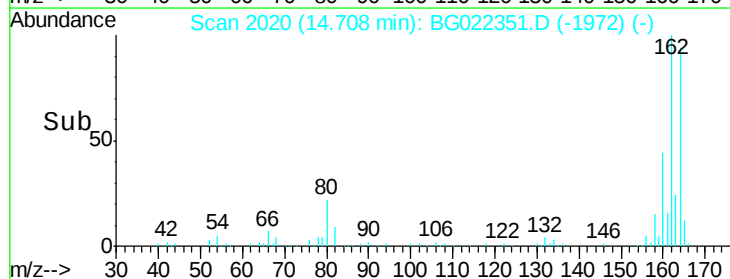
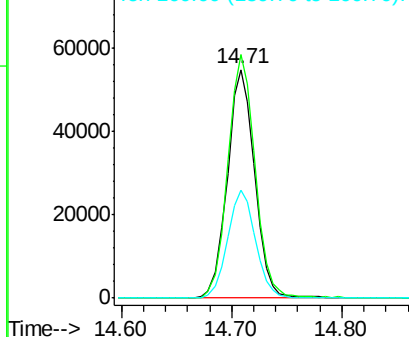


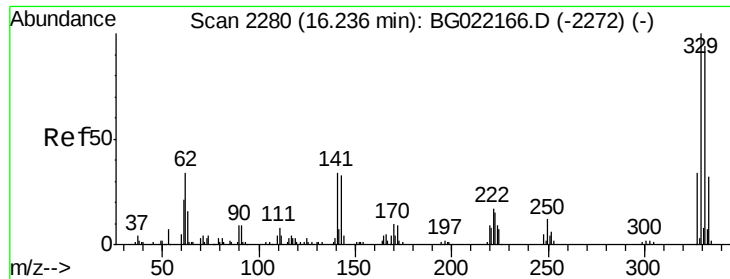
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.71 min Scan# 2020  
Delta R.T. -0.02 min  
Lab File: BG022351.D  
Acq: 15 Jun 2016 2:41

Tgt Ion:164 Resp: 94909  
Ion Ratio Lower Upper  
164 100  
162 106.4 78.0 117.0  
160 47.3 32.9 49.3



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

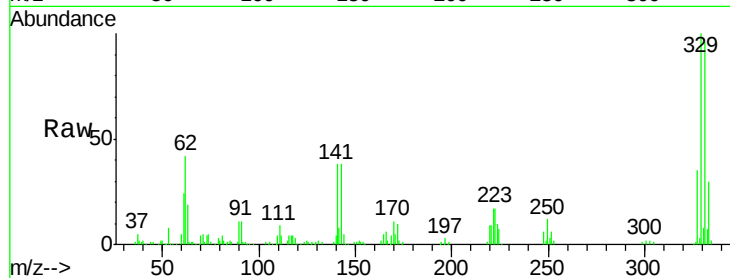




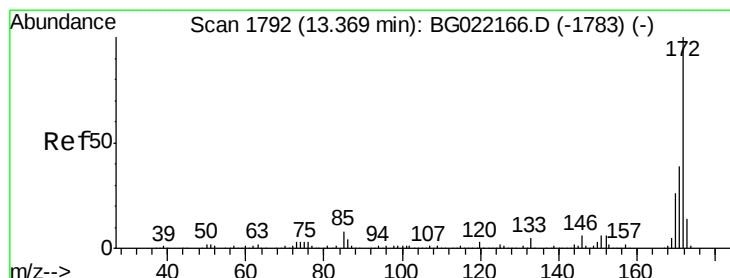
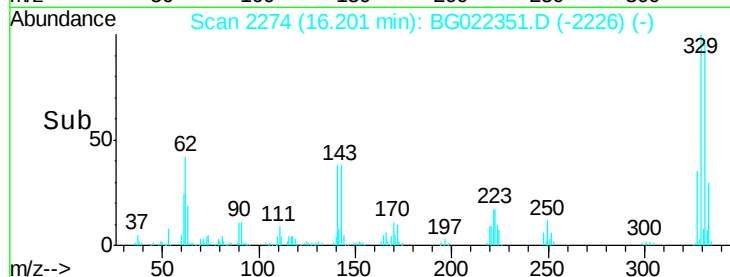
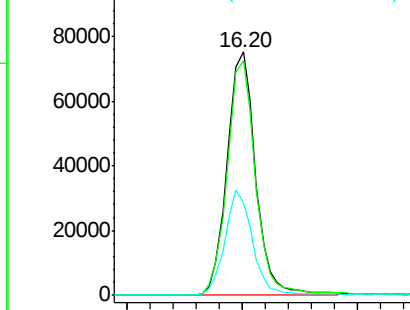
#41  
 2,4,6-Tribromophenol  
 Concen: 120.56 ng  
 RT: 16.20 min Scan# 2274  
 Delta R.T. -0.02 min  
 Lab File: BG022351.D  
 Acq: 15 Jun 2016 2:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-05-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 78.0  | 117.0 |
| 141     | 42.1  | 33.8  | 50.8  |

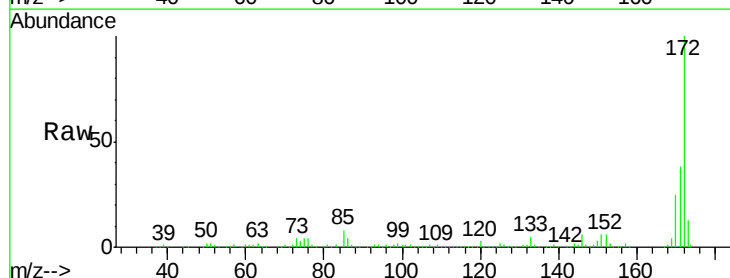


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

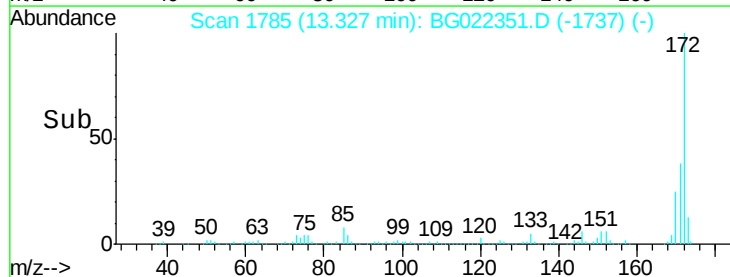
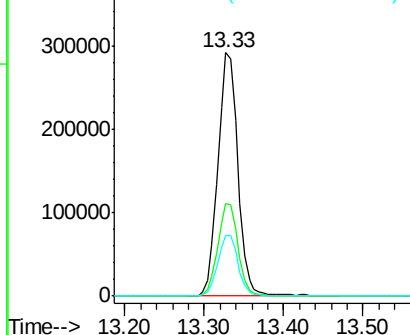


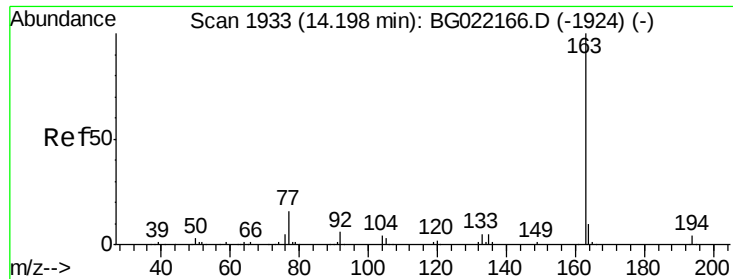
#44  
 2-Fluorobiphenyl  
 Concen: 81.99 ng  
 RT: 13.33 min Scan# 1785  
 Delta R.T. -0.02 min  
 Lab File: BG022351.D  
 Acq: 15 Jun 2016 2:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 27.8  | 41.6  |
| 170     | 25.0  | 19.6  | 29.4  |



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





#49

Dimethylphthalate

Concen: 12.66 ng

RT: 14.15 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA\_G

ClientSampleId :

SB-05-COMP

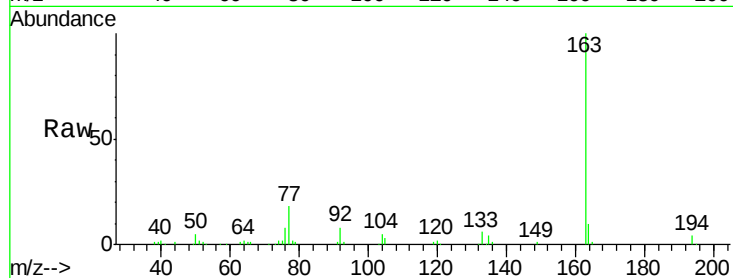
Tot Ion:163 Resp: 99662

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

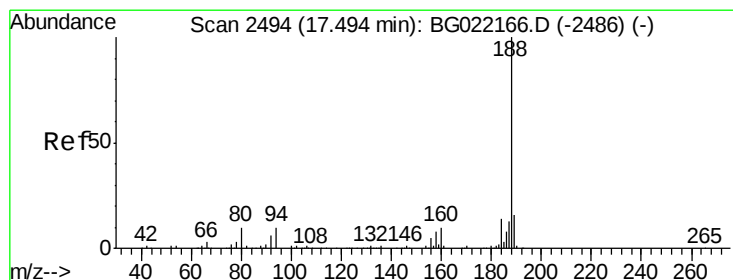
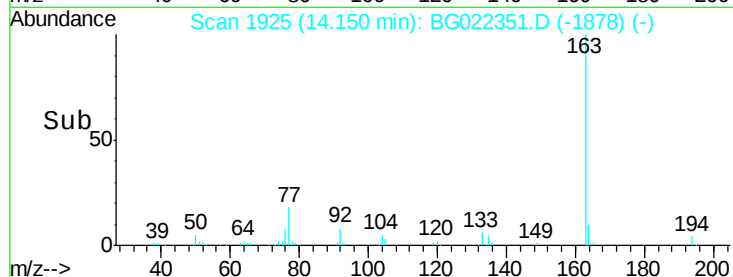
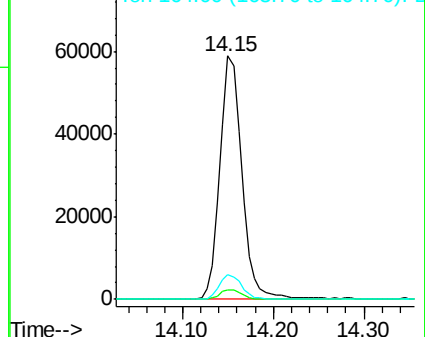
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

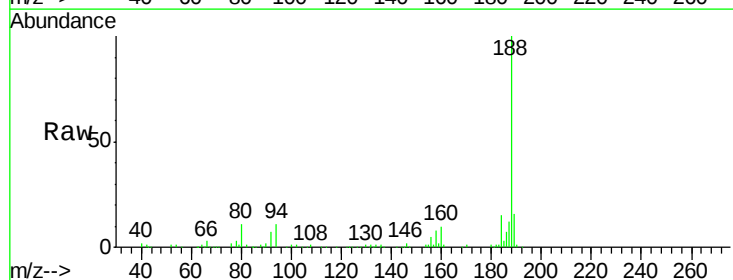
Tgt Ion:188 Resp: 191947

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

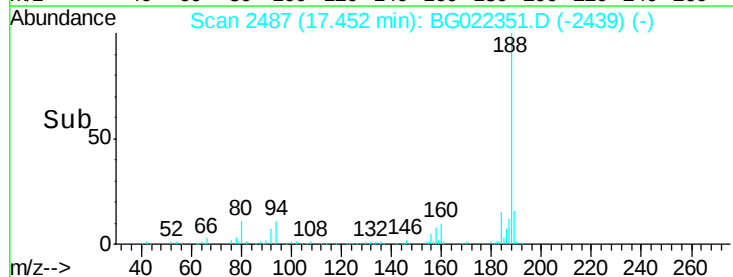
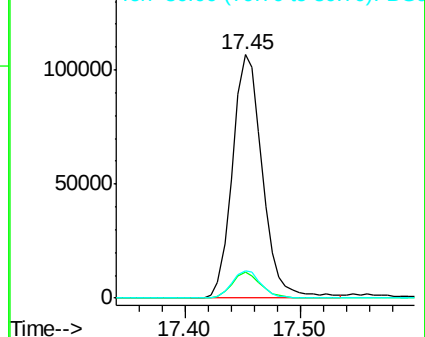
80 11.4 8.6 13.0

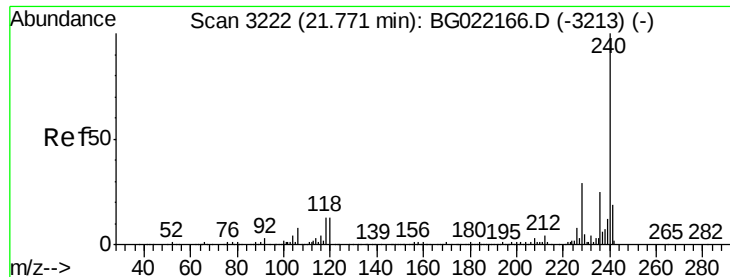


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA\_G

ClientSampled :

SB-05-COMP

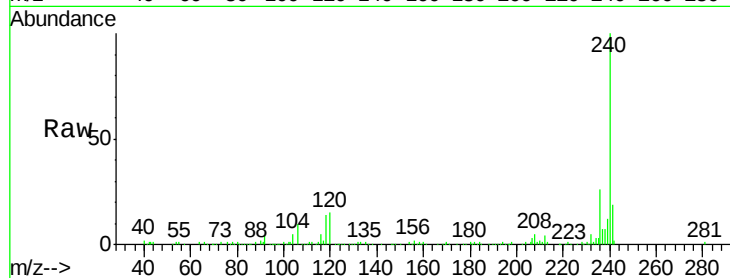
Tot Ion:240 Resp: 169998

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

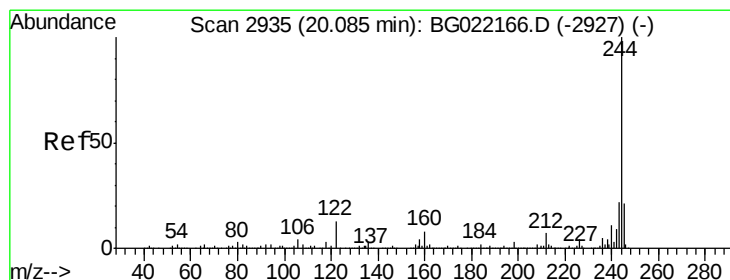
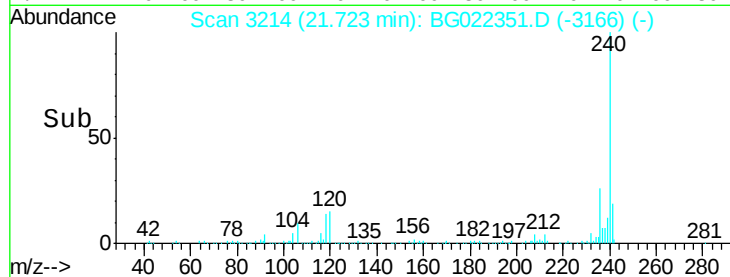
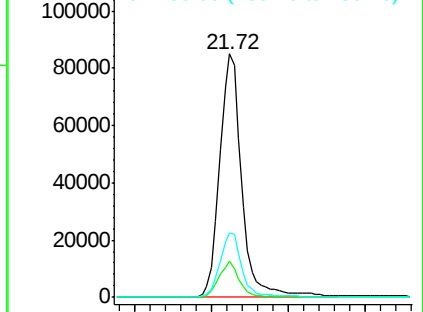
236 26.5 19.6 29.4



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



#78

Terphenyl-d14

Concen: 91.04 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

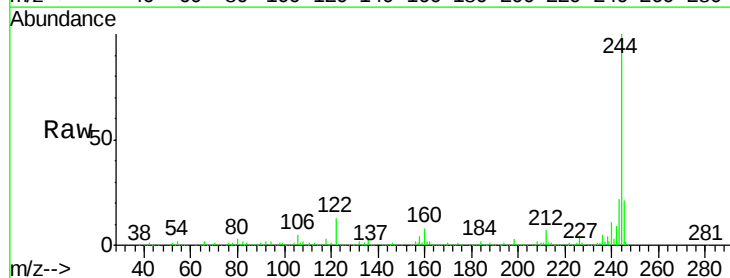
Tgt Ion:244 Resp: 651880

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

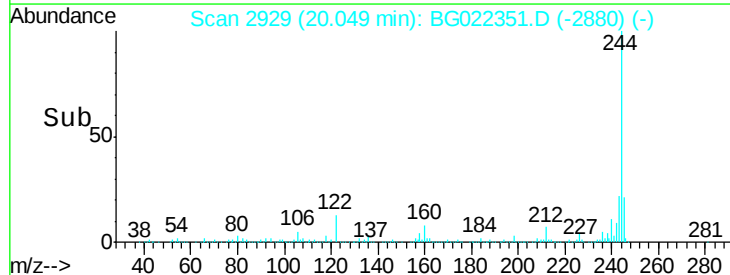
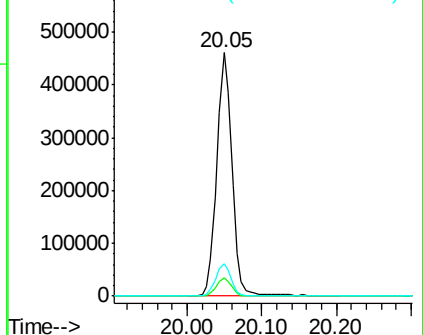
122 13.5 8.6 12.8#

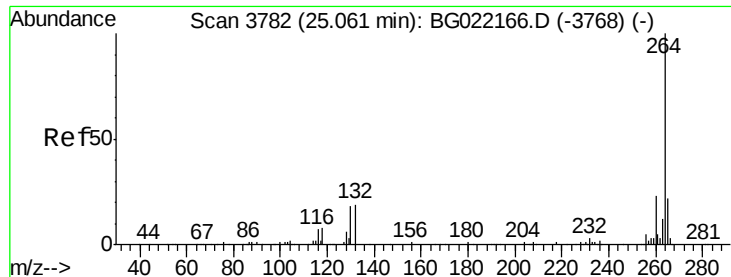


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

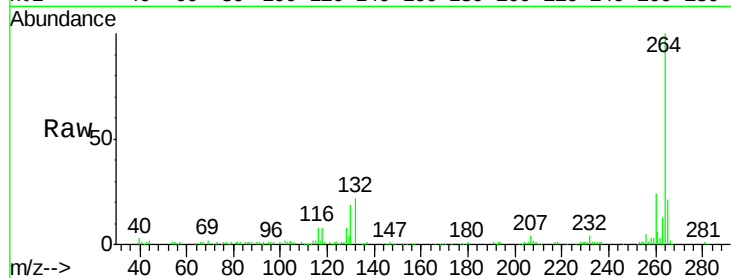




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 24.99 min Scan# 3770  
 Delta R.T. -0.02 min  
 Lab File: BG022351.D  
 Acq: 15 Jun 2016 2:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-05-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 20.2  | 30.4  |
| 265     | 20.8  | 17.8  | 26.8  |



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

