

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\  
 Data File : BG033086.D  
 Acq On : 12 Mar 2018 13:01  
 Operator : SJ/JU  
 Sample : J1873-09  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-9B-COMP

Quant Time: Mar 12 15:43:30 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 15:10:14 2018  
 Response via : Initial Calibration

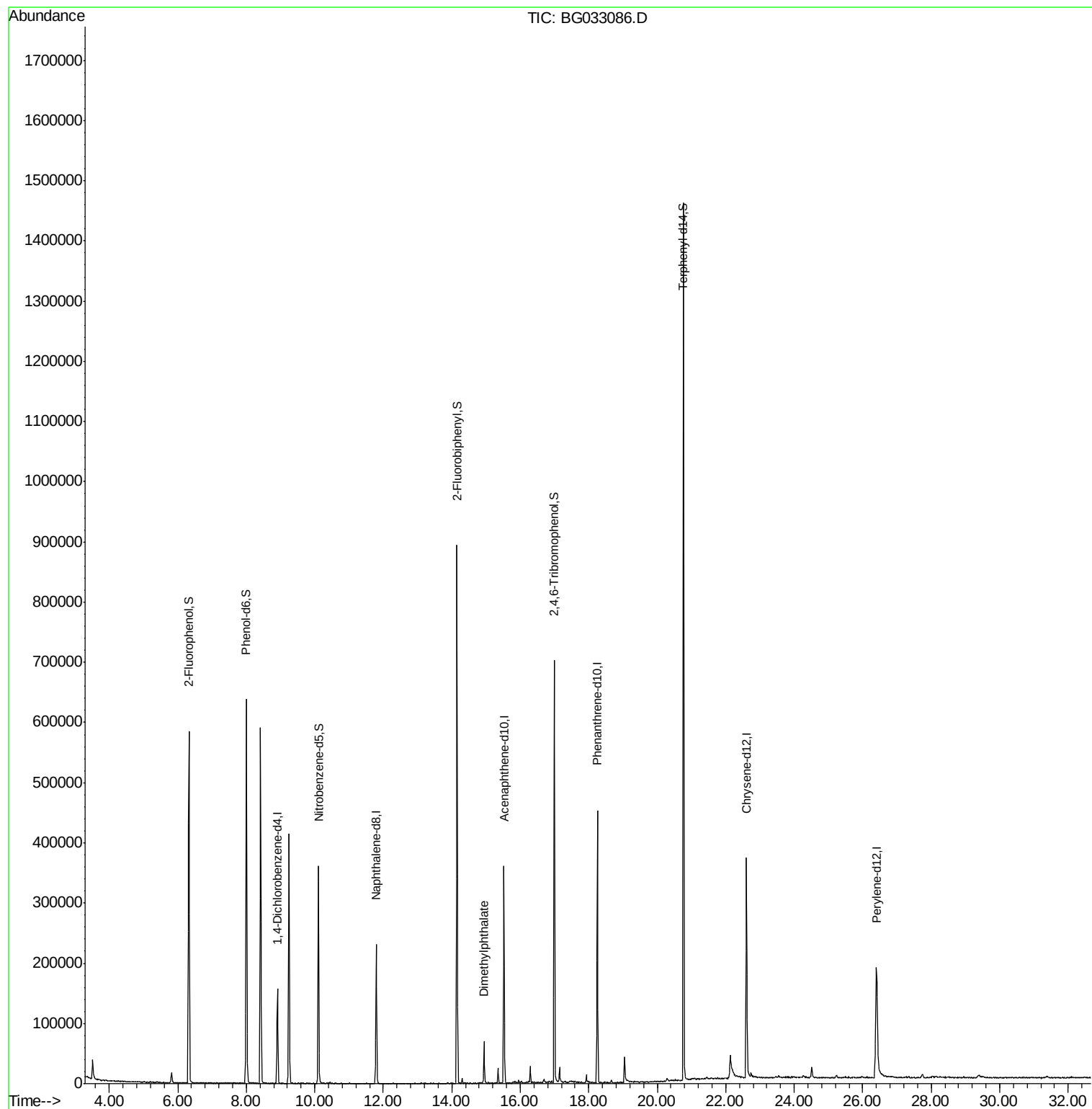
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.91  | 152  | 46171    | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 11.79 | 136  | 205626   | 20.00 | ng    | 0.00          |
| 38) Acenaphthene-d10        | 15.52 | 164  | 120934   | 20.00 | ng    | 0.00          |
| 63) Phenanthrene-d10        | 18.25 | 188  | 267770   | 20.00 | ng    | 0.00          |
| 75) Chrysene-d12            | 22.60 | 240  | 257688   | 20.00 | ng    | 0.00          |
| 86) Perylene-d12            | 26.40 | 264  | 247698   | 20.00 | ng    | -0.01         |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 6.32  | 112  | 274136   | 94.99 | ng    | 0.00          |
| 7) Phenol-d6                | 8.00  | 99   | 385818   | 95.91 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 10.11 | 82   | 225671   | 77.19 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 16.99 | 330  | 122719   | 96.51 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 14.15 | 172  | 478913   | 57.11 | ng    | 0.00          |
| 78) Terphenyl-d14           | 20.76 | 244  | 676500   | 58.98 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 49) Dimethylphthalate       | 14.94 | 163  | 43115    | 4.199 | ng    | Qvalue<br>100 |

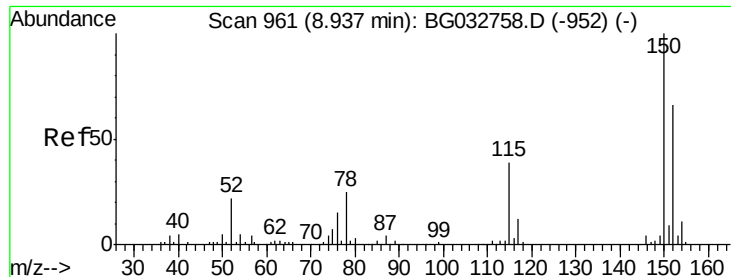
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 09 15:10:14 2018  
Response via : Initial Calibration



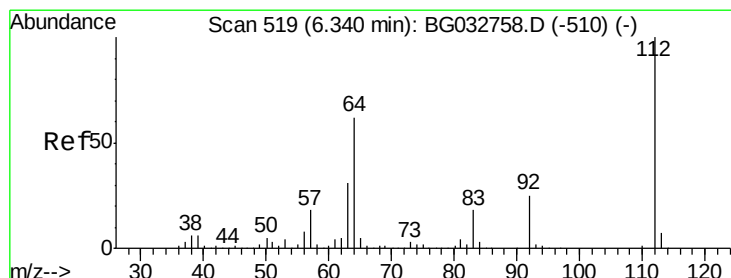
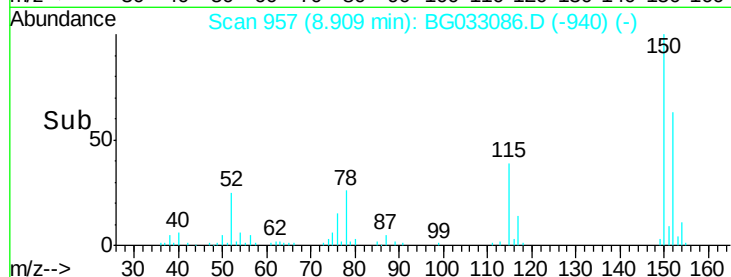
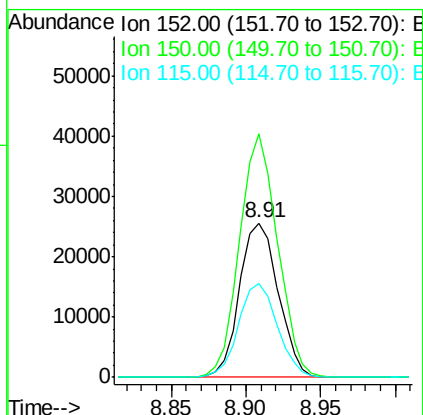
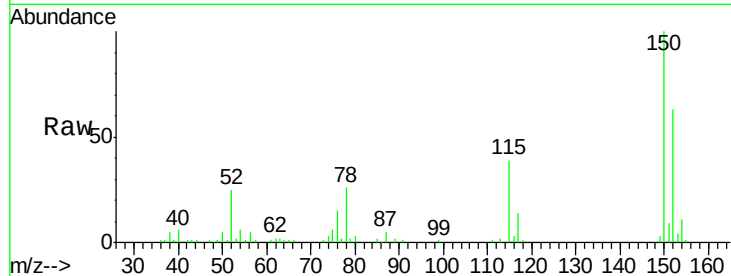


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BG033086.D  
Acq: 12 Mar 2018 13:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-9B-COMP

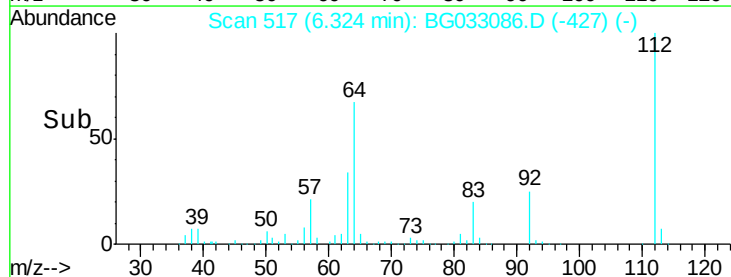
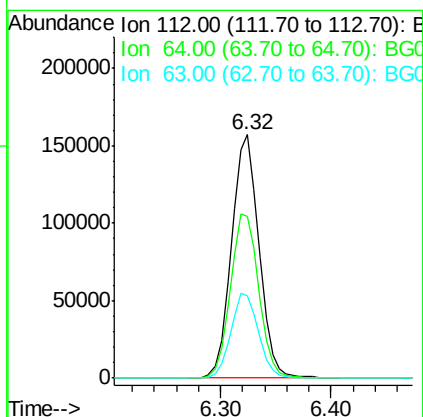
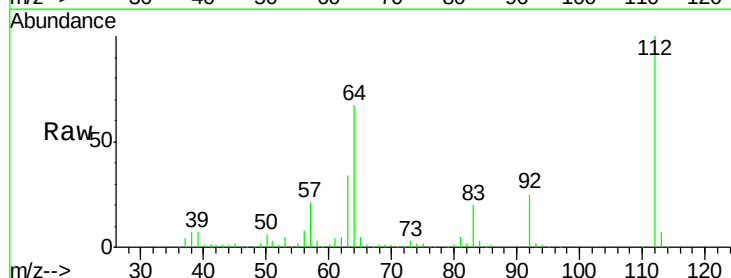
Tot Ion:152 Resp: 46171  
Ion Ratio Lower Upper  
152 100  
150 157.7 126.6 189.8  
115 61.1 53.0 79.4

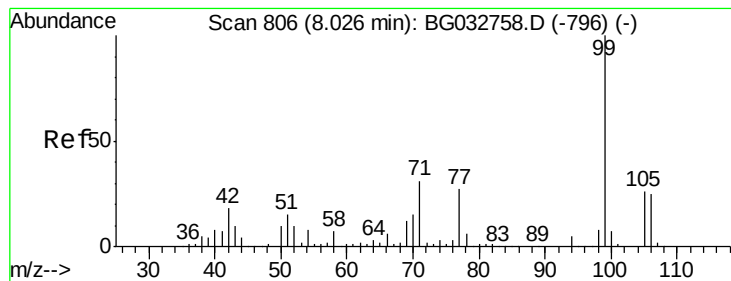


#5

2-Fluorophenol  
Concen: 94.990 ng  
RT: 6.32 min Scan# 517  
Delta R.T. -0.00 min  
Lab File: BG033086.D  
Acq: 12 Mar 2018 13:01

Tgt Ion:112 Resp: 274136  
Ion Ratio Lower Upper  
112 100  
64 66.5 56.3 84.5  
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 95.912 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA\_G

ClientSampleId :

TP-9B-COMP

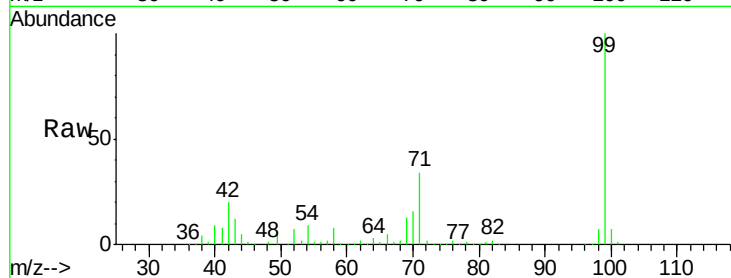
Tot Ion: 99 Resp: 385818

Ion Ratio Lower Upper

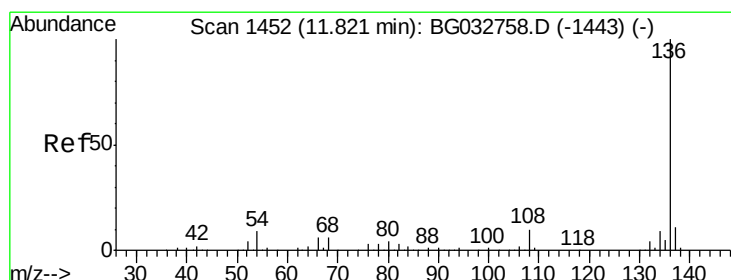
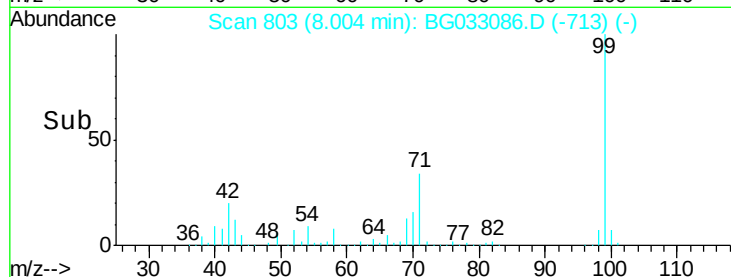
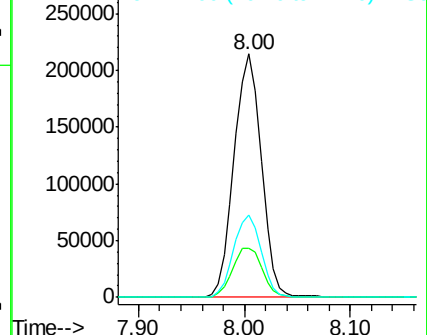
99 100

42 20.4 14.1 21.1

71 33.7 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Tgt Ion: 136 Resp: 205626

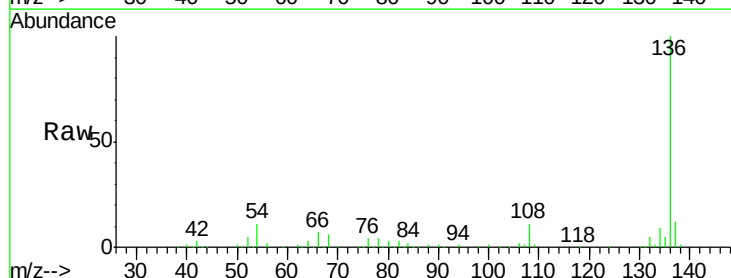
Ion Ratio Lower Upper

136 100

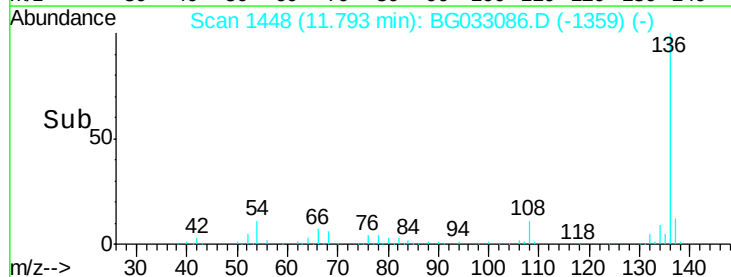
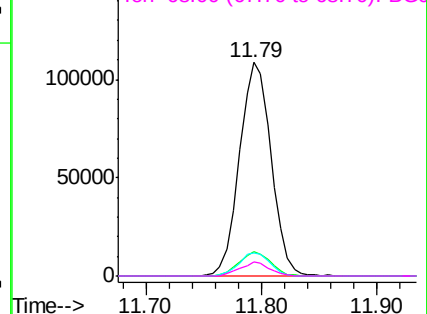
137 11.7 9.2 13.8

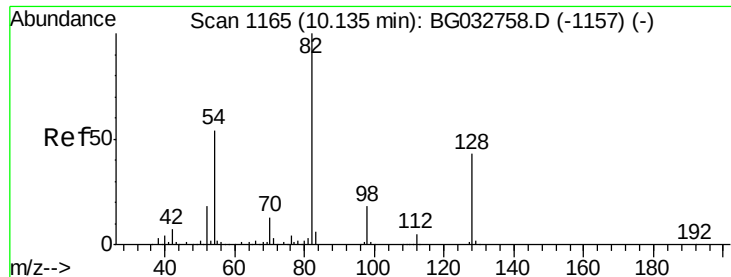
54 10.6 10.3 15.5

68 6.4 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

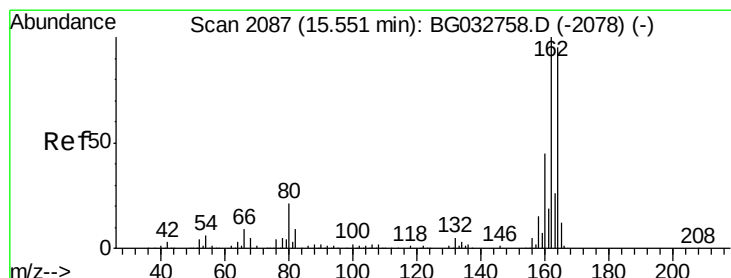
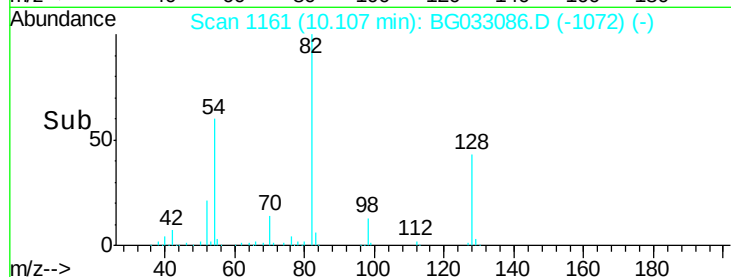
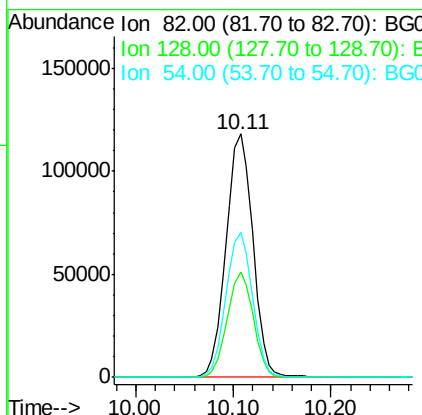
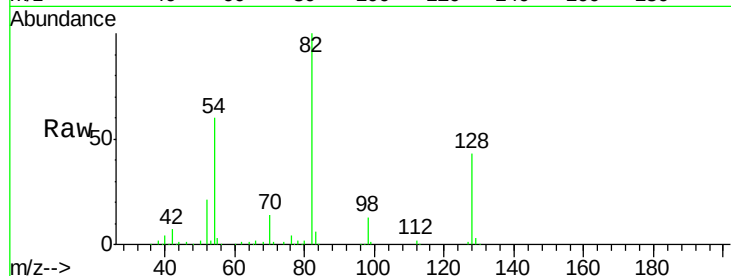




#23  
Nitrobenzene-d5  
Concen: 77.191 ng  
RT: 10.11 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: BG033086.D  
Acq: 12 Mar 2018 13:01

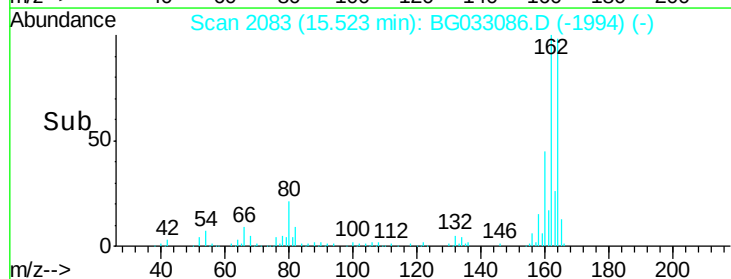
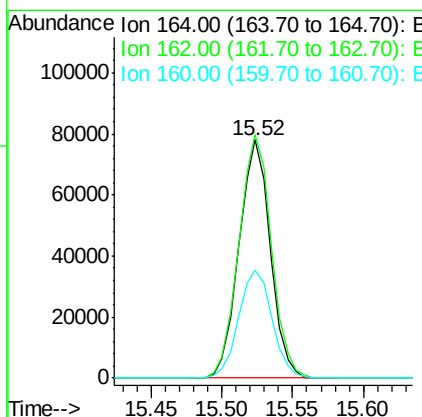
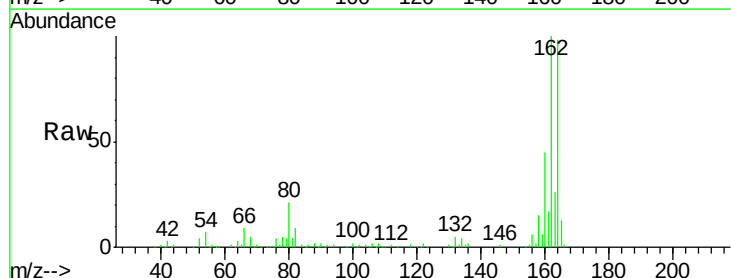
Instrument :  
BNA\_G  
ClientSampleId :  
TP-9B-COMP

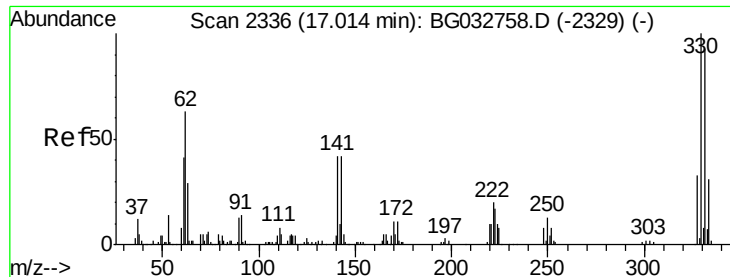
| Tot Ion   | 82    | Resp  | 225671 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.3  | 29.7  | 44.5   |
| 54        | 59.8  | 43.1  | 64.7   |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BG033086.D  
Acq: 12 Mar 2018 13:01

| Tgt Ion   | 164   | Resp  | 120934 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.2 | 78.8  | 118.2  |
| 160       | 45.5  | 35.4  | 53.0   |

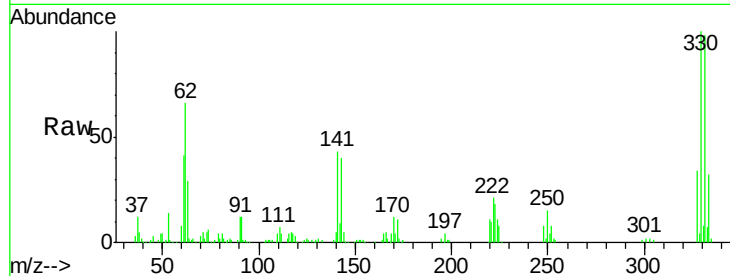




#41  
 2,4,6-Tribromophenol  
 Concen: 96.509 ng  
 RT: 16.99 min Scan# 2333  
 Delta R.T. -0.01 min  
 Lab File: BG033086.D  
 Acq: 12 Mar 2018 13:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-9B-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.0  | 115.6 |
| 141     | 42.5  | 25.2  | 37.8# |

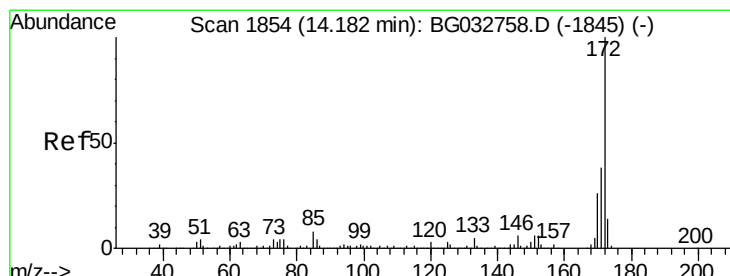
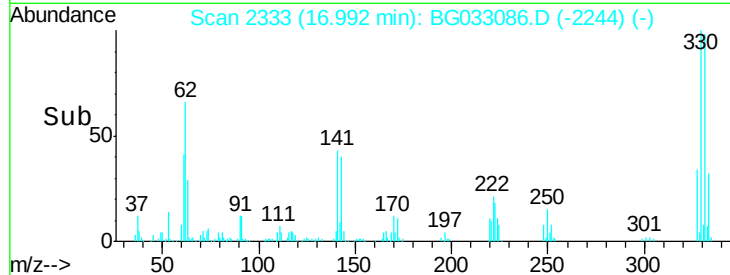
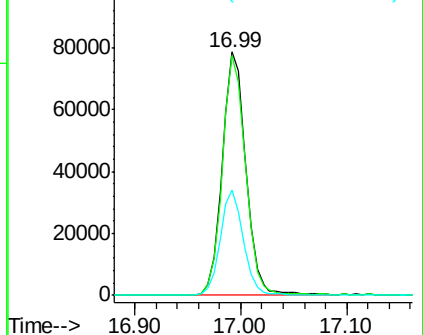


Abundance

Ion 329.80 (329.50 to 330.50): E

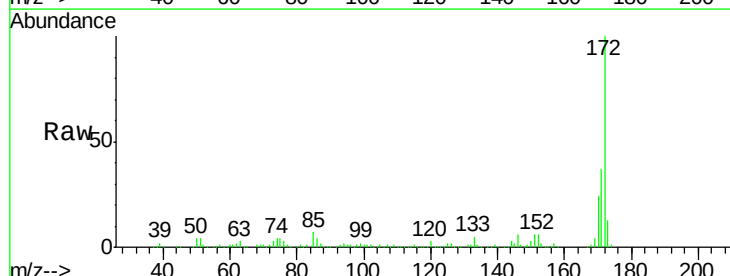
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 57.115 ng  
 RT: 14.15 min Scan# 1850  
 Delta R.T. -0.00 min  
 Lab File: BG033086.D  
 Acq: 12 Mar 2018 13:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 30.0  | 45.0  |
| 170     | 24.1  | 19.5  | 29.3  |

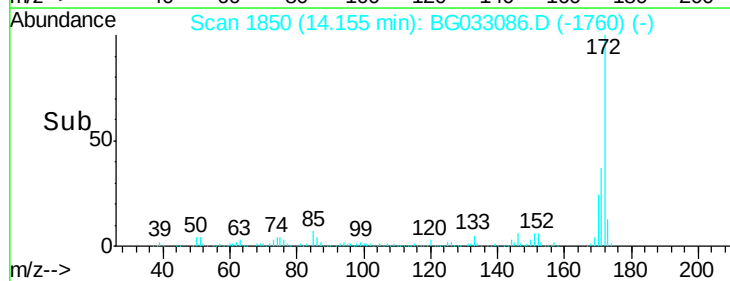
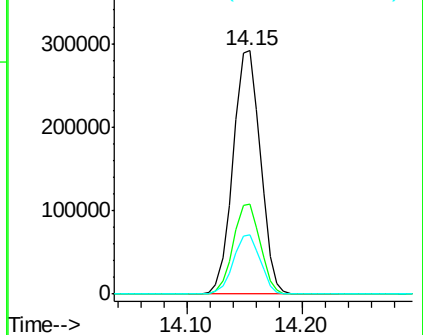


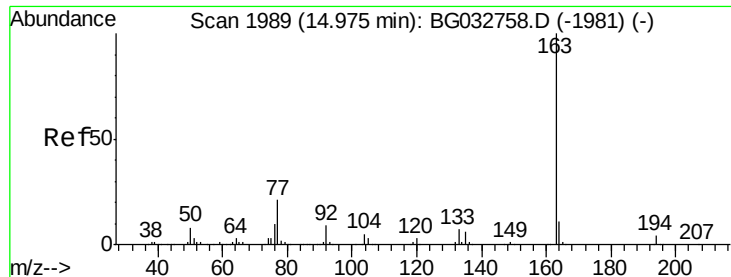
Abundance

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





#49

Dimethylphthalate

Concen: 4.199 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA\_G

ClientSampleId :

TP-9B-COMP

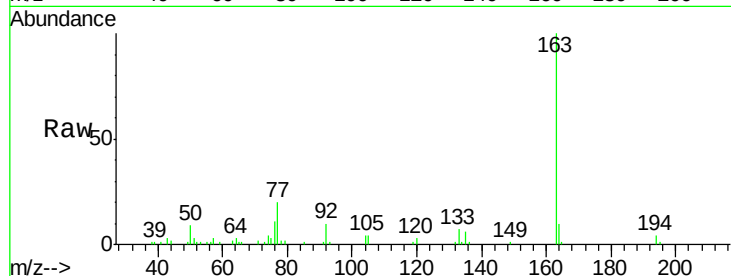
Tot Ion:163 Resp: 43115

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

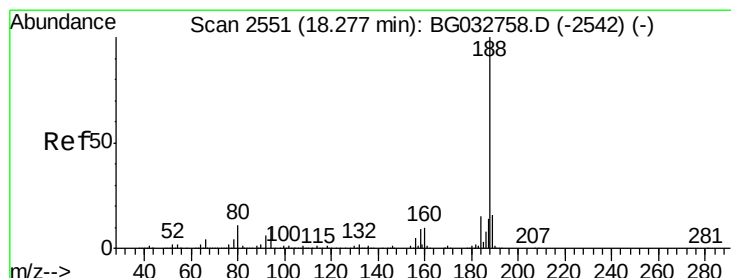
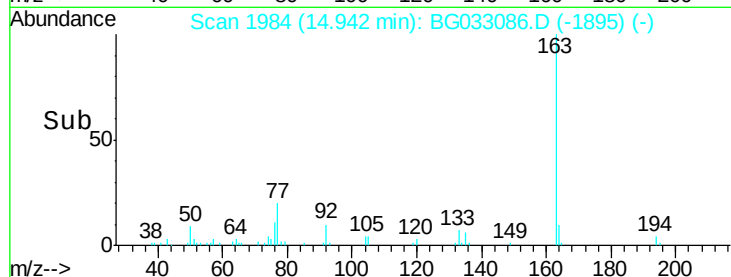
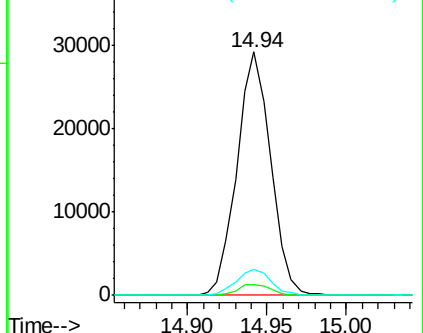
164 10.4 8.2 12.4



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: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

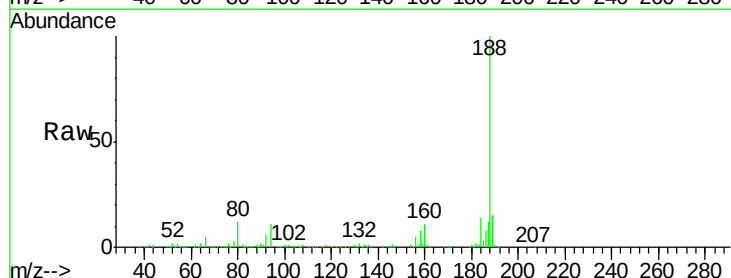
Tgt Ion:188 Resp: 267770

Ion Ratio Lower Upper

188 100

94 10.8 6.9 10.3#

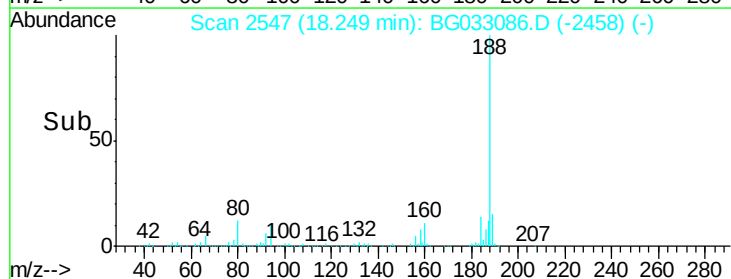
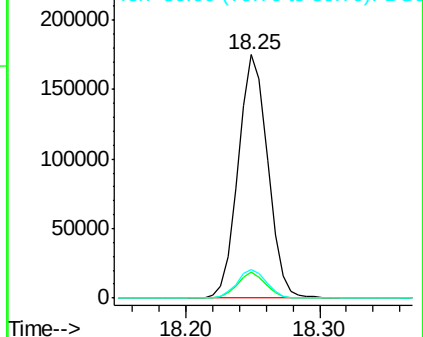
80 11.5 7.7 11.5#

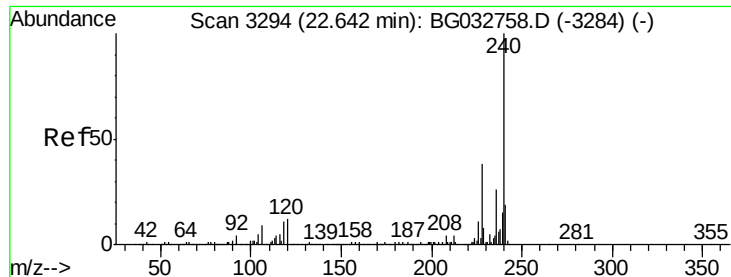


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA\_G

ClientSampleId :

TP-9B-COMP

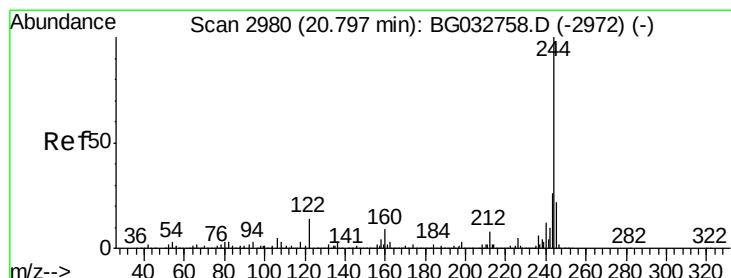
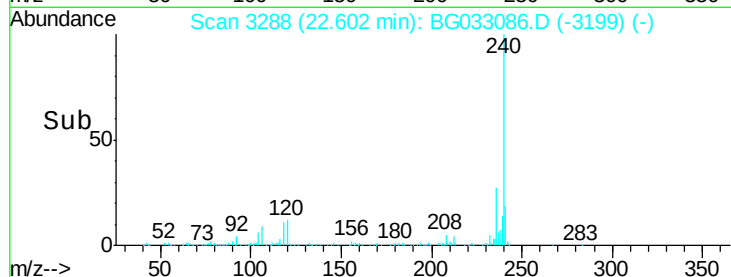
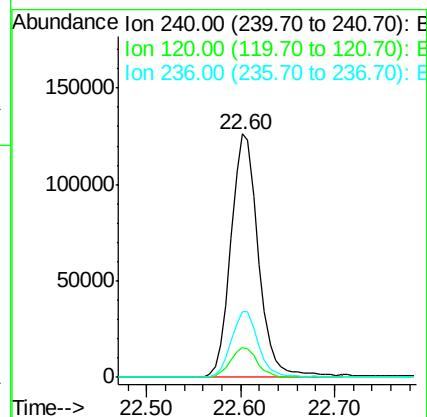
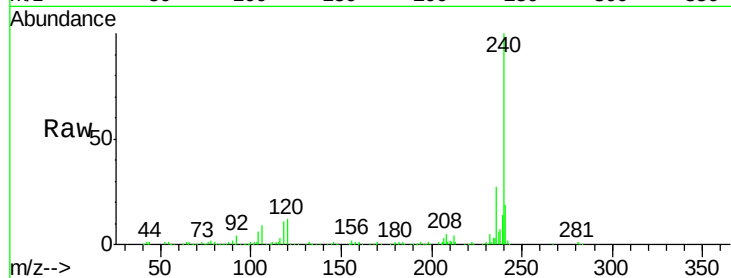
Tot Ion:240 Resp: 257688

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

236 26.9 20.9 31.3



#78

Terphenyl-d14

Concen: 58.983 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

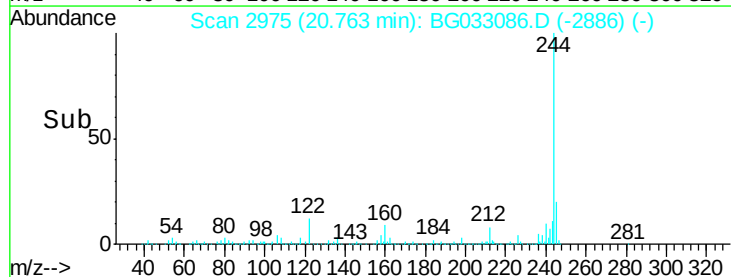
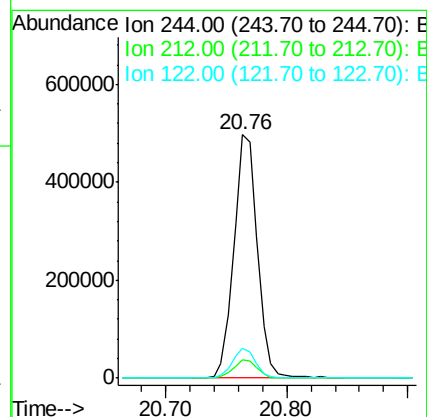
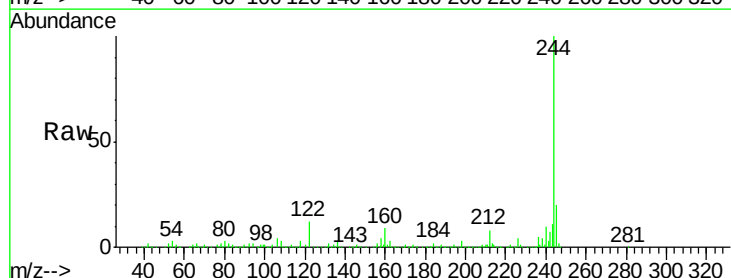
Tgt Ion:244 Resp: 676500

Ion Ratio Lower Upper

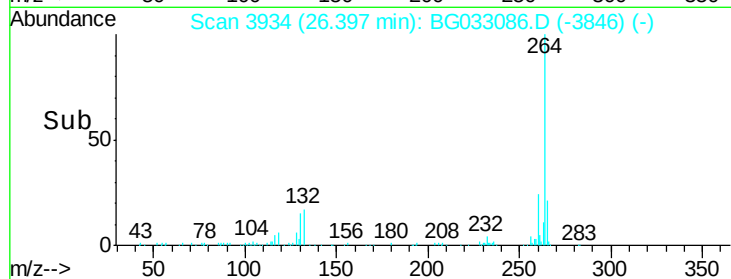
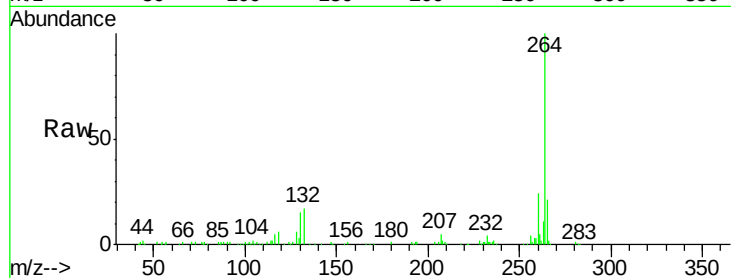
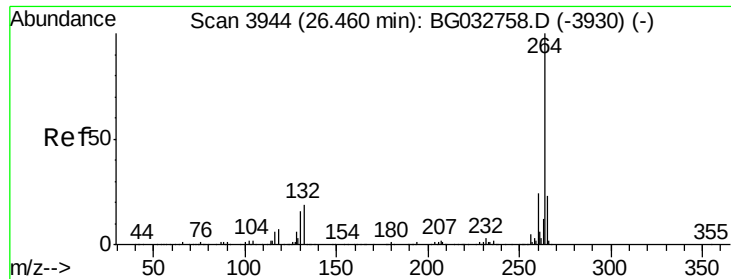
244 100

212 7.6 5.8 8.8

122 12.2 7.0 10.4#







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 26.40 min Scan# 3934  
Delta R.T. -0.01 min  
Lab File: BG033086.D  
Acq: 12 Mar 2018 13:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-9B-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 21.5  | 17.7  | 26.5  |

