

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
 Data File : BG041886.D  
 Acq On : 2 Aug 2019 13:36  
 Operator : HP/JU  
 Sample : K4107-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1

Quant Time: Aug 02 18:15:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

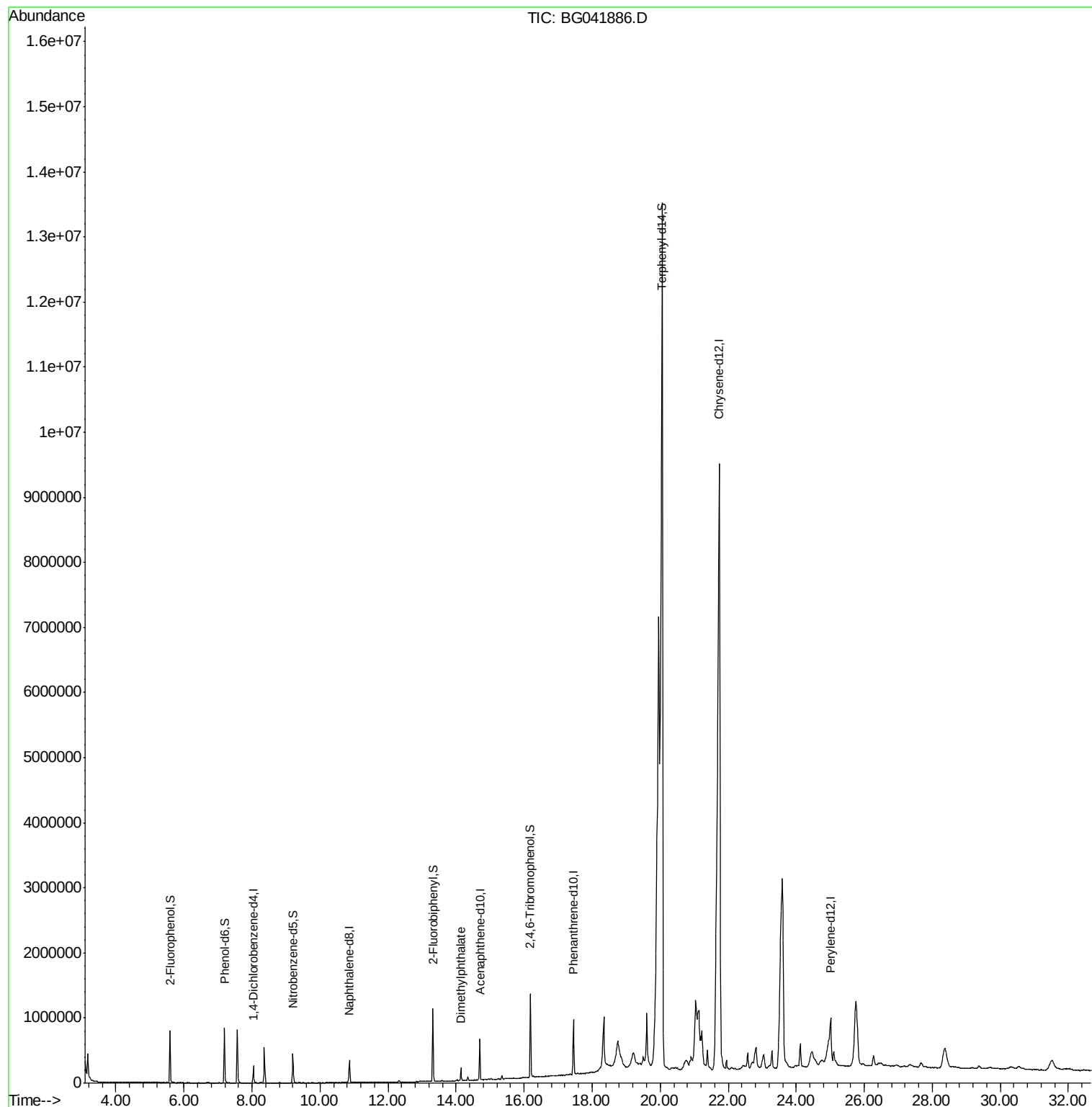
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 79901    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.86 | 136  | 318132   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.70 | 164  | 224456   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.45 | 188  | 558067   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.73 | 240  | 607723   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 25.01 | 264  | 741892   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.59  | 112  | 371579   | 90.48  | ng    | 0.00      |
| 7) Phenol-d6                | 7.19  | 99   | 495270   | 89.46  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 277060   | 59.93  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 283103   | 111.04 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 607733   | 47.75  | ng    | -0.01     |
| 79) Terphenyl-d14           | 20.06 | 244  | 1163326  | 43.80  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.15 | 163  | 145074   | 9.464  | ng    | Qvalue 97 |

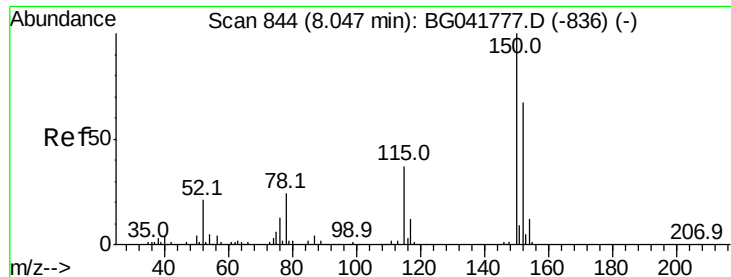
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
Data File : BG041886.D  
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Sample : K4107-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
T-1

Quant Time: Aug 02 18:15:50 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 31 08:57:26 2019  
Response via : Initial Calibration



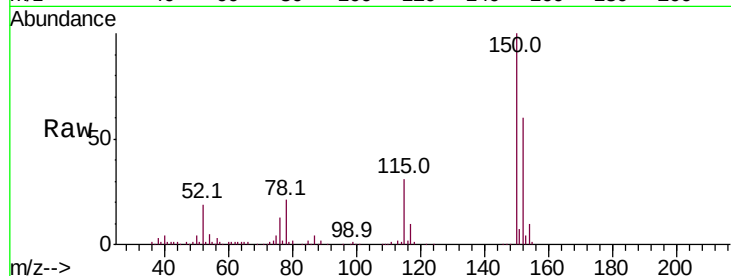


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG041886.D  
Acq: 2 Aug 2019 13:36

Instrument :  
BNA\_G  
ClientSampled :  
T-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 167.5 | 126.9 | 190.3 |
| 115     | 52.8  | 45.0  | 67.6  |

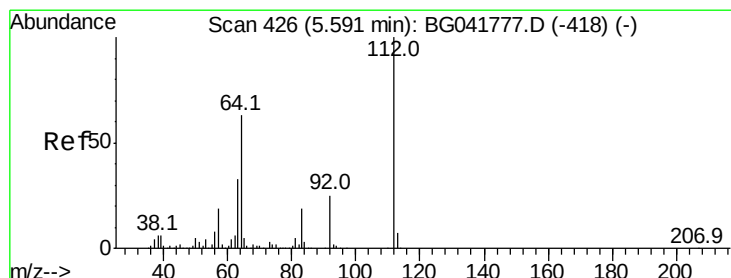
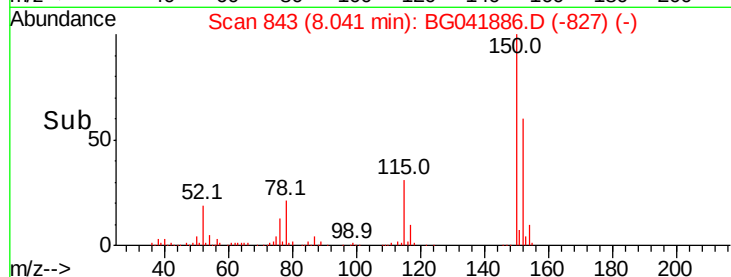
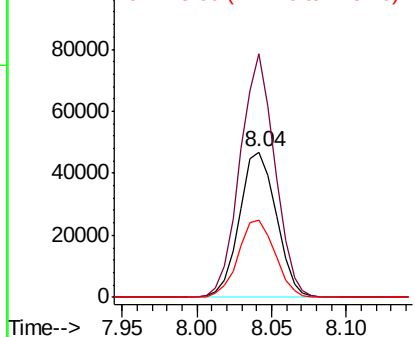


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

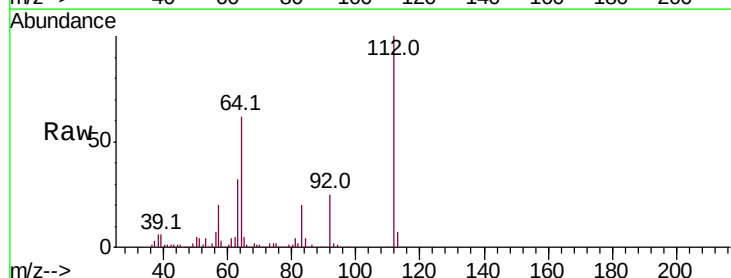
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 90.481 ng  
RT: 5.59 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BG041886.D  
Acq: 2 Aug 2019 13:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.5  | 55.4  | 83.2  |
| 63      | 32.2  | 29.1  | 43.7  |

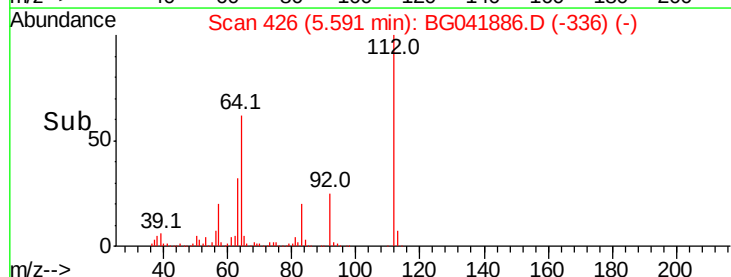
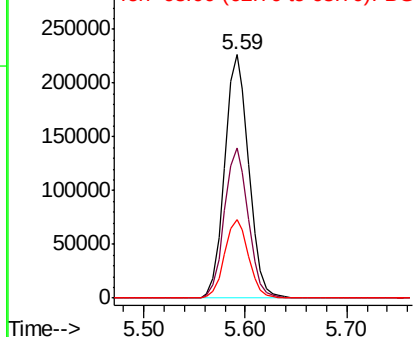


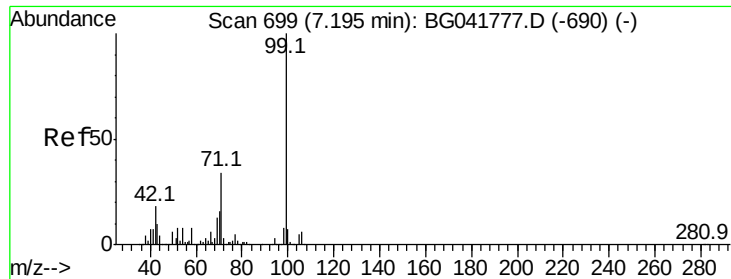
Abundance

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: 89.455 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Instrument :

BNA\_G

ClientSampleId :

T-1

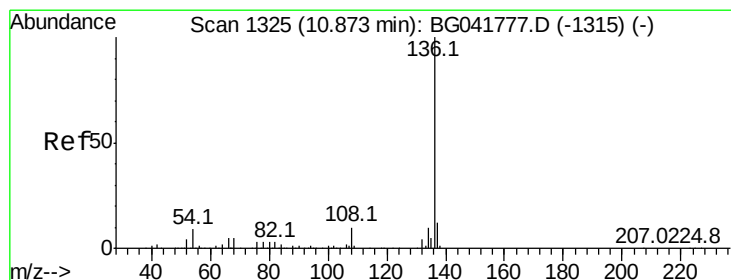
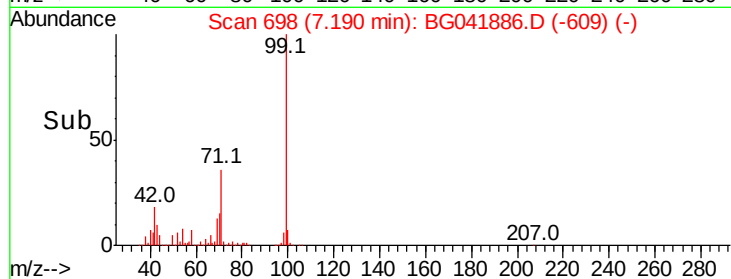
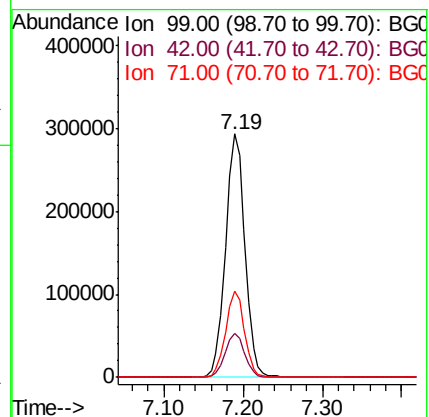
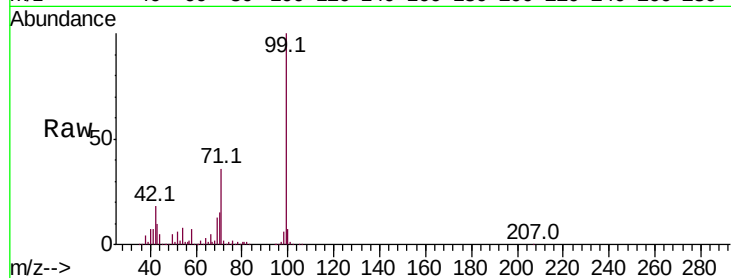
Tot Ion: 99 Resp: 495270

Ion Ratio Lower Upper

99 100

42 18.3 17.6 26.4

71 35.5 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Tgt Ion: 136 Resp: 318132

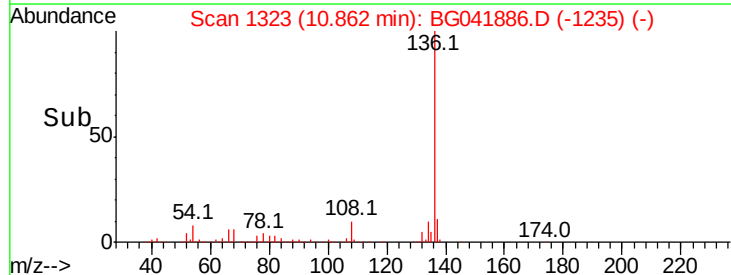
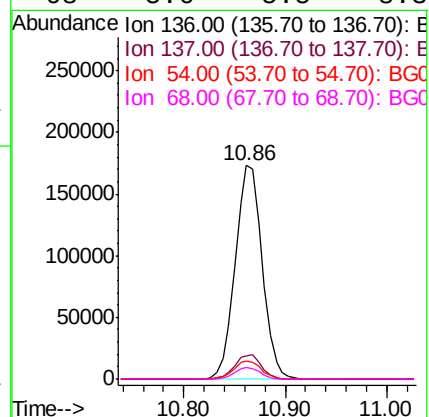
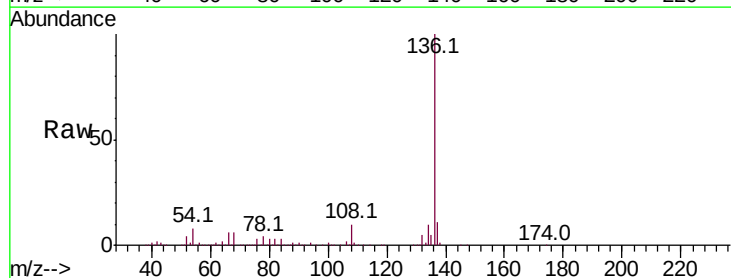
Ion Ratio Lower Upper

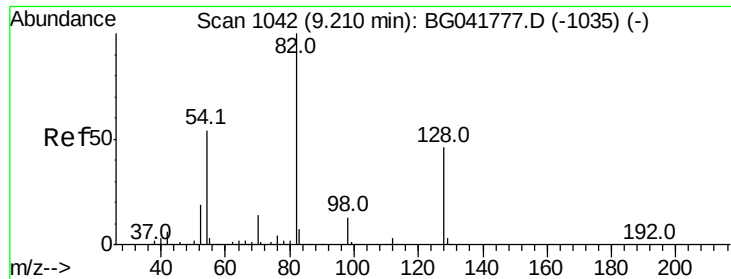
136 100

137 11.1 9.2 13.8

54 8.1 8.7 13.1#

68 5.6 5.5 8.3

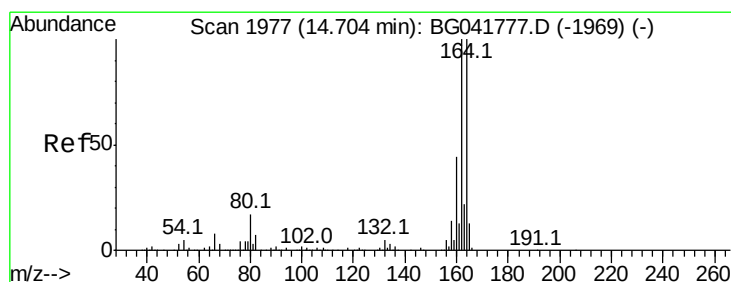
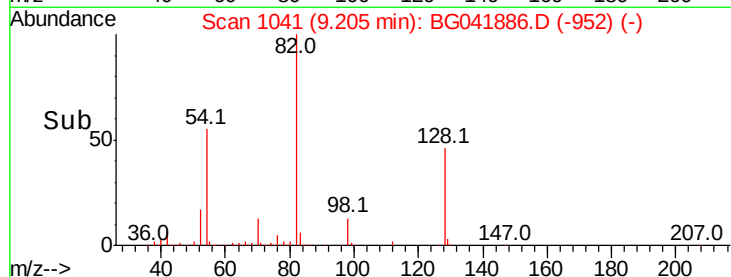
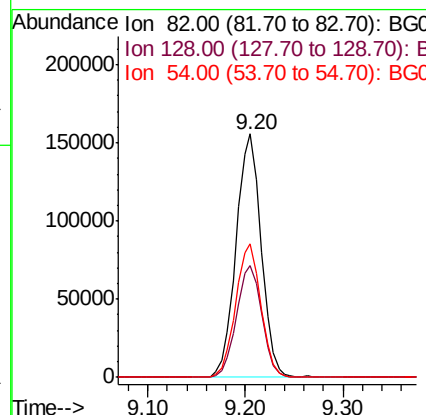
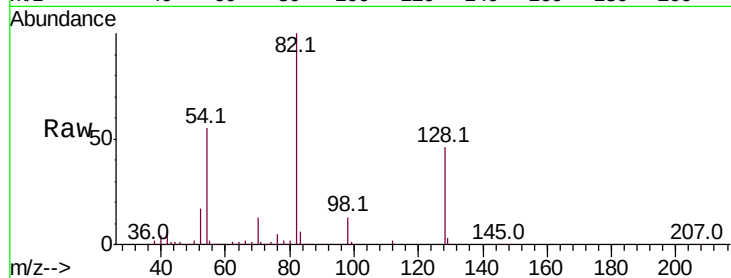




#23  
 Nitrobenzene-d5  
 Concen: 59.932 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG041886.D  
 Acq: 2 Aug 2019 13:36

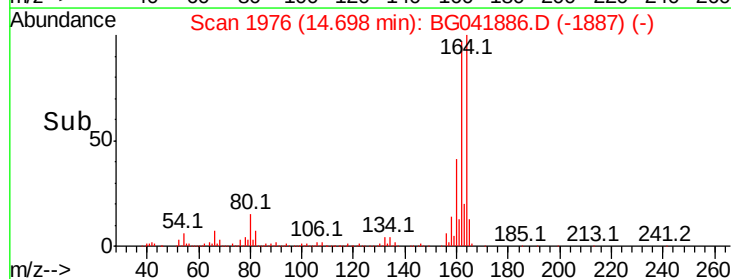
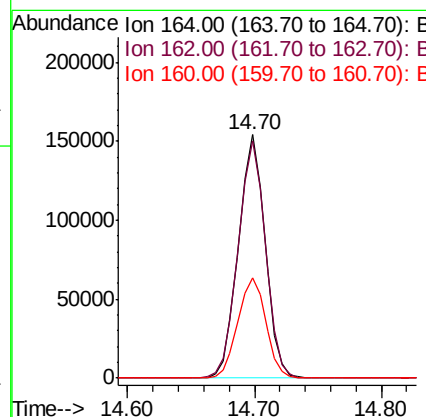
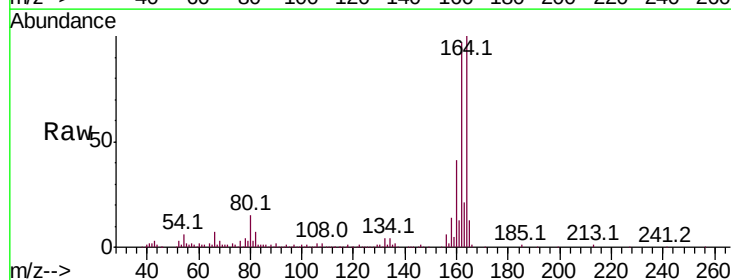
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1

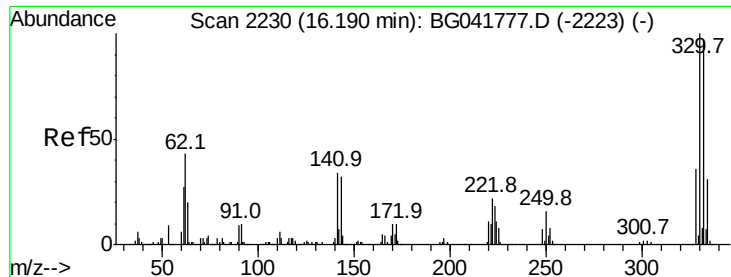
| Tot Ion   | 82    | Resp  | 277060 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.7  | 35.1  | 52.7   |
| 54        | 54.8  | 48.7  | 73.1   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.70 min Scan# 1976  
 Delta R.T. -0.01 min  
 Lab File: BG041886.D  
 Acq: 2 Aug 2019 13:36

| Tgt Ion   | 164   | Resp  | 224456 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 97.3  | 79.6  | 119.4  |
| 160       | 41.1  | 35.4  | 53.0   |

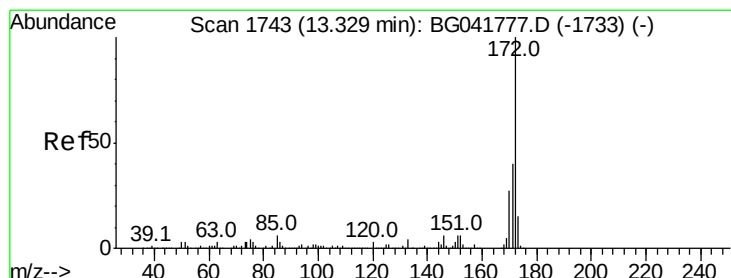
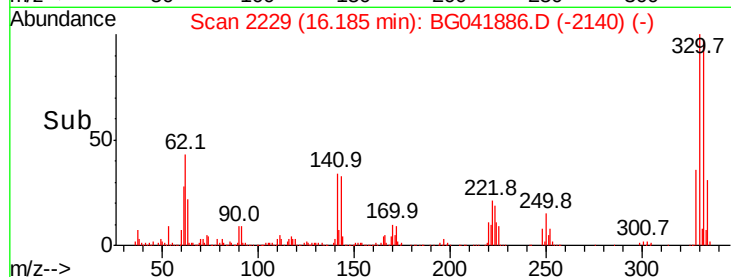
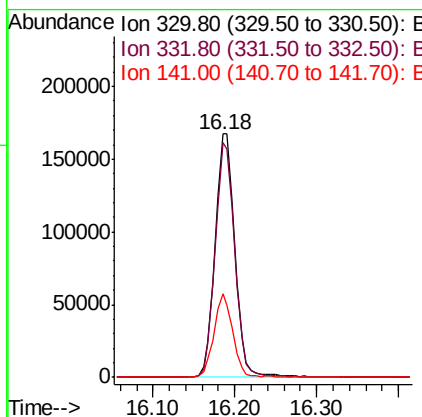
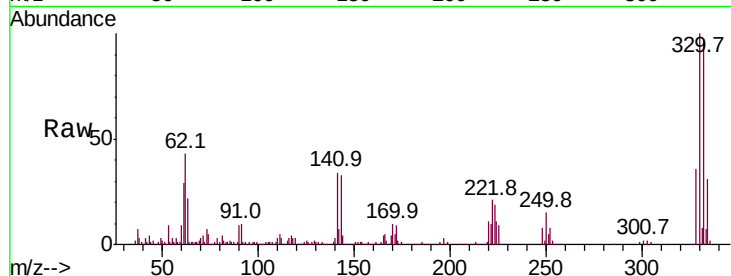




#42  
 2,4,6-Tribromophenol  
 Concen: 111.042 ng  
 RT: 16.18 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BG041886.D  
 Acq: 2 Aug 2019 13:36

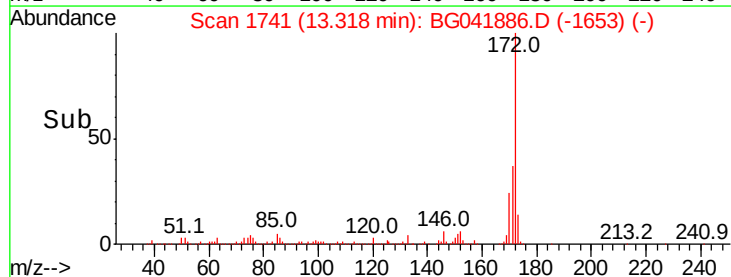
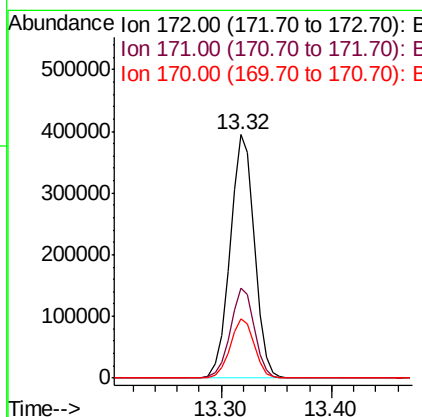
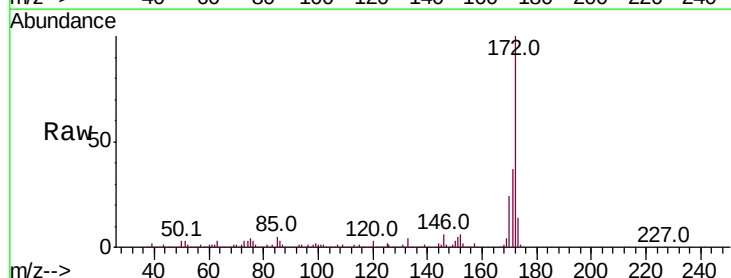
Instrument :  
 BNA\_G  
 ClientSampled :  
 T-1

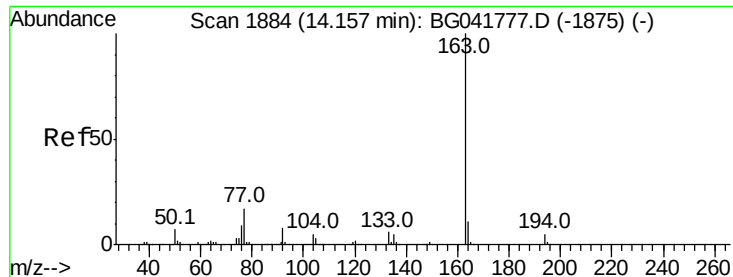
Tot Ion:330 Resp: 283103  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.4 116.0  
 141 32.4 31.9 47.9



#45  
 2-Fluorobiphenyl  
 Concen: 47.754 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.01 min  
 Lab File: BG041886.D  
 Acq: 2 Aug 2019 13:36

Tgt Ion:172 Resp: 607733  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 35.0 52.4  
 170 24.2 23.5 35.3

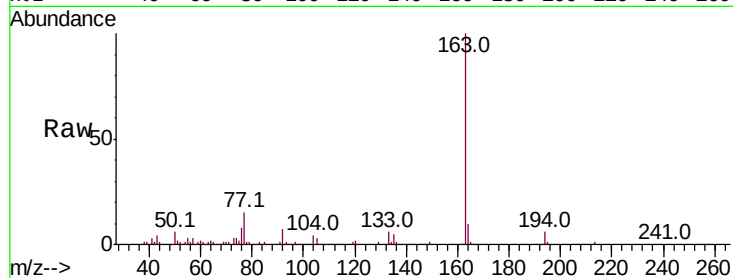




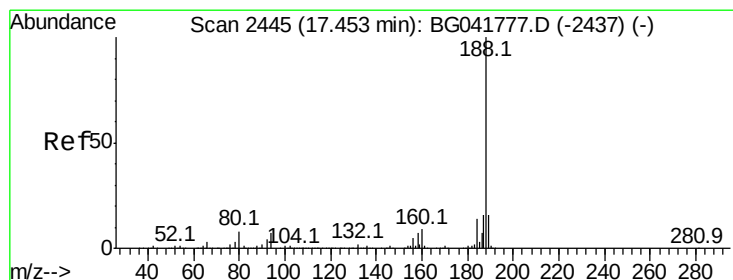
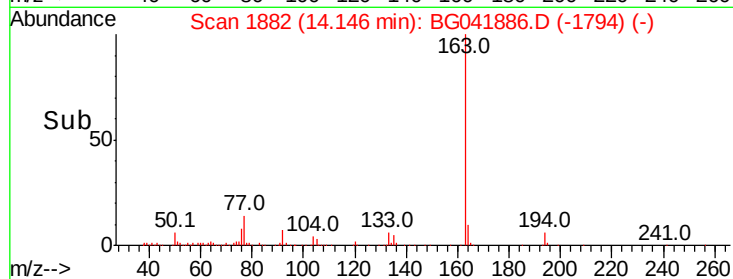
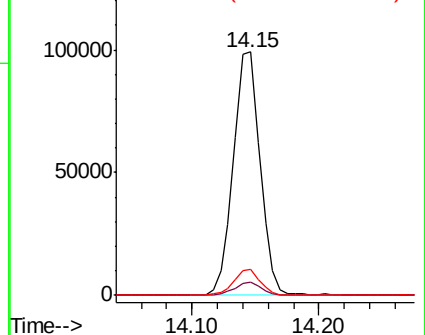
#50  
Dimethylphthalate  
Concen: 9.464 ng  
RT: 14.15 min Scan# 1882  
Delta R.T. -0.01 min  
Lab File: BG041886.D  
Acq: 2 Aug 2019 13:36

Instrument :  
BNA\_G  
ClientSampled :  
T-1

Tot Ion:163 Resp: 145074  
Ion Ratio Lower Upper  
163 100  
194 5.7 4.2 6.2  
164 10.4 9.4 14.2

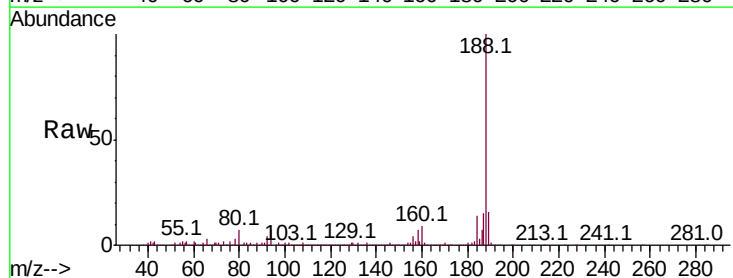


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

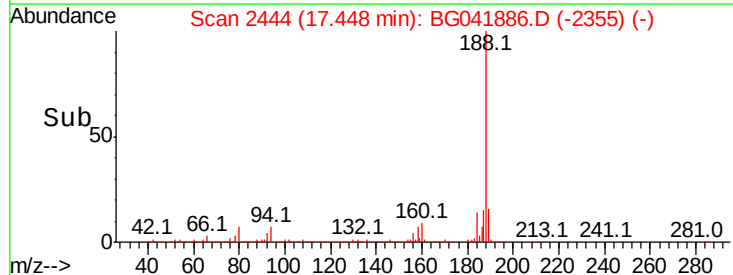
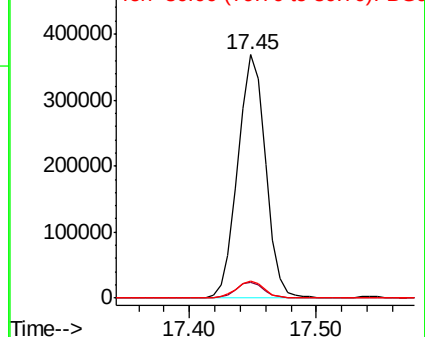


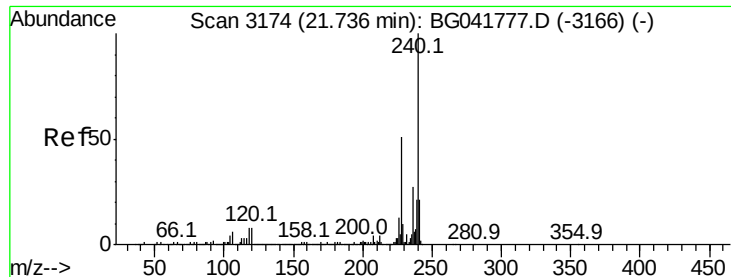
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.01 min  
Lab File: BG041886.D  
Acq: 2 Aug 2019 13:36

Tgt Ion:188 Resp: 558067  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.9 10.3#  
80 7.0 8.0 12.0#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

Instrument :

BNA\_G

ClientSampled :

T-1

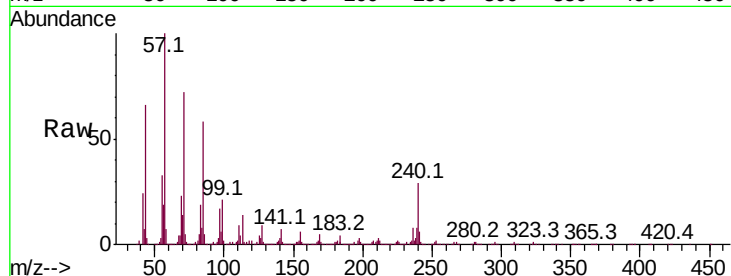
Tot Ion:240 Resp: 607723

Ion Ratio Lower Upper

240 100

120 6.3 8.0 12.0#

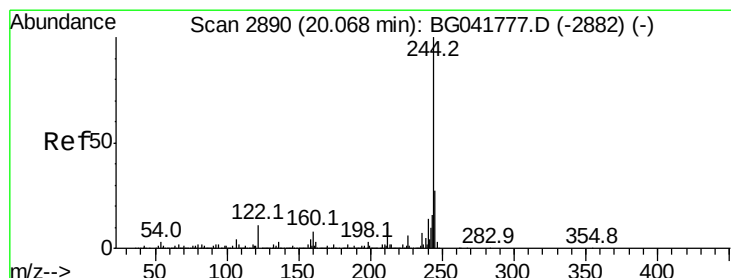
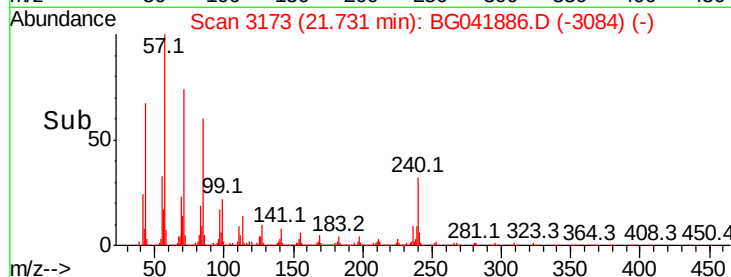
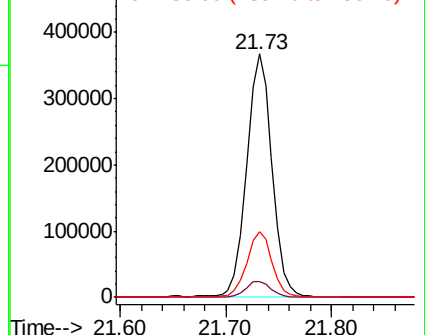
236 26.8 22.6 33.8



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



#79

Terphenyl-d14

Concen: 43.803 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041886.D

Acq: 2 Aug 2019 13:36

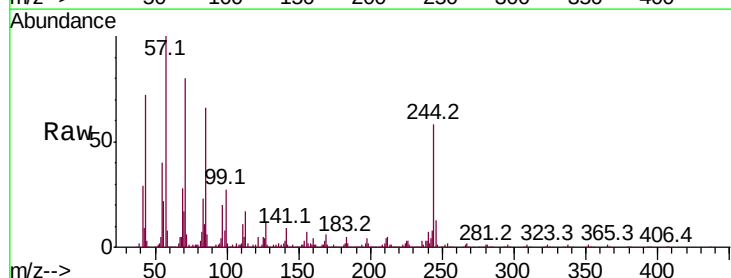
Tgt Ion:244 Resp: 1163326

Ion Ratio Lower Upper

244 100

212 8.6 9.7 14.5#

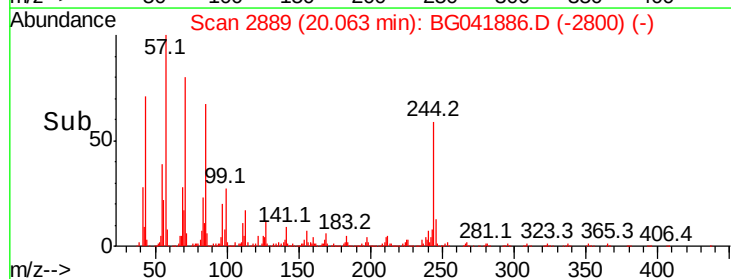
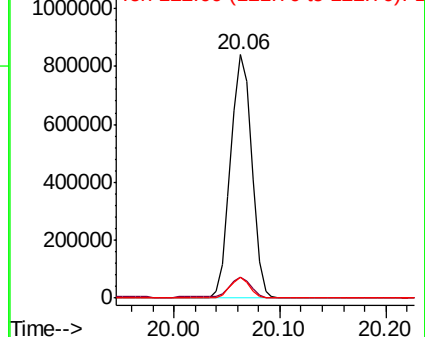
122 8.4 12.5 18.7#



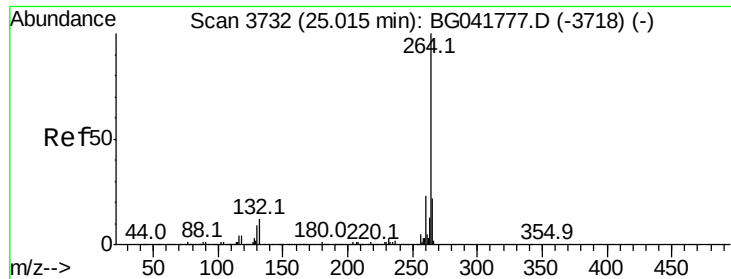
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



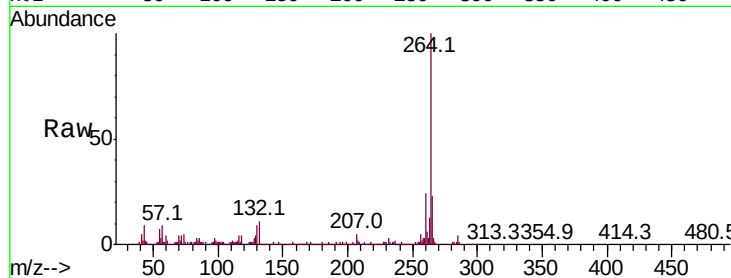




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 25.01 min Scan# 3731  
 Delta R.T. -0.01 min  
 Lab File: BG041886.D  
 Acq: 2 Aug 2019 13:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.5  | 29.3  |
| 265     | 22.6  | 18.0  | 27.0  |



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

