

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044731.D  
 Acq On : 12 Mar 2020 12:13  
 Operator : CG/JU  
 Sample : L1873-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Mar 13 06:53:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

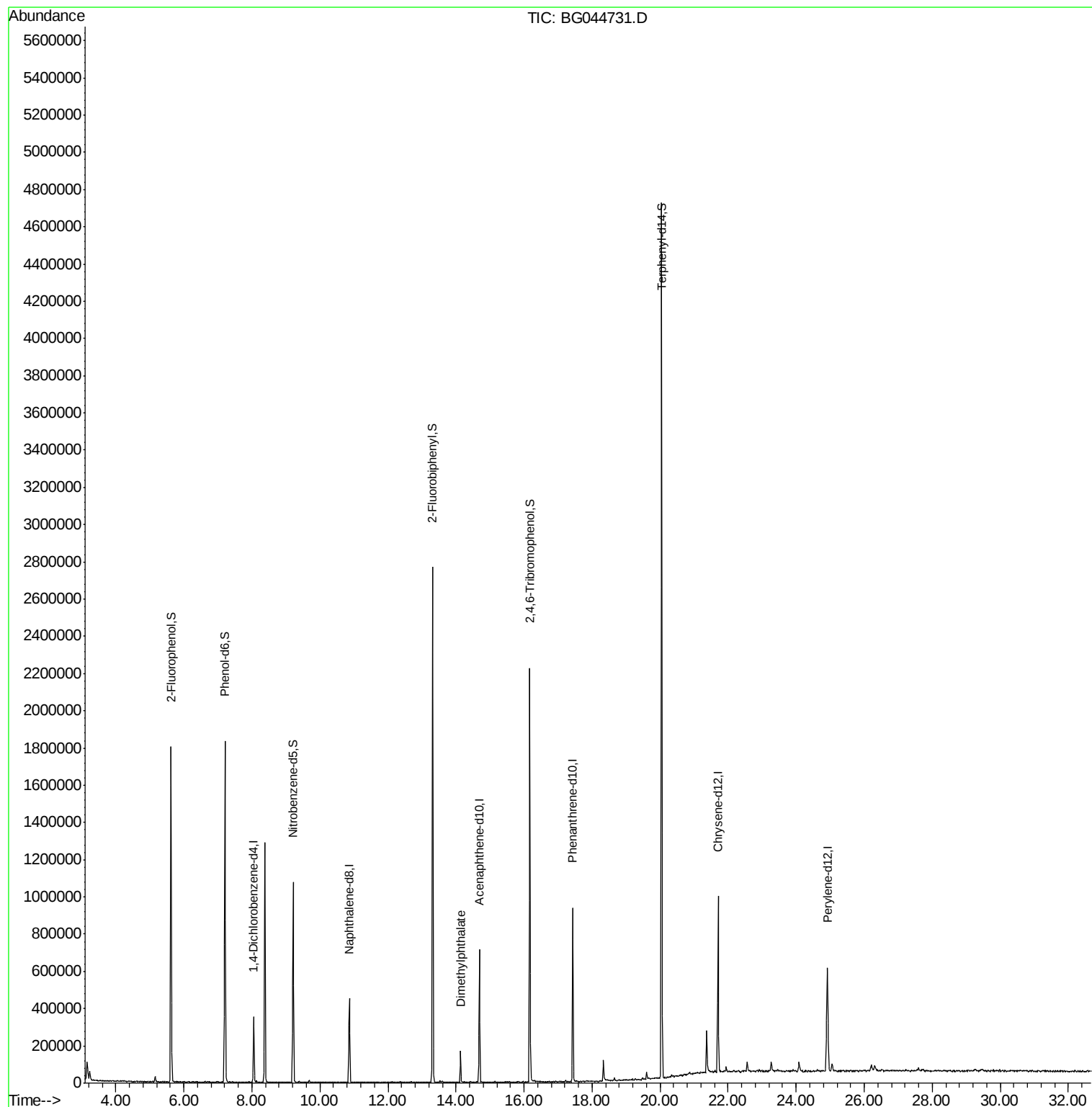
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 94247    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.86 | 136  | 374876   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.69 | 164  | 261166   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.43 | 188  | 593701   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.70 | 240  | 549507   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.92 | 264  | 614010   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.62  | 112  | 748536   | 123.64 | ng    | 0.00      |
| 7) Phenol-d6                | 7.21  | 99   | 1059387  | 120.43 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 693427   | 81.17  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 404872   | 118.40 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 1409992  | 77.31  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.05 | 244  | 2142457  | 72.93  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.14 | 163  | 105163   | 5.056  | ng    | Qvalue 98 |

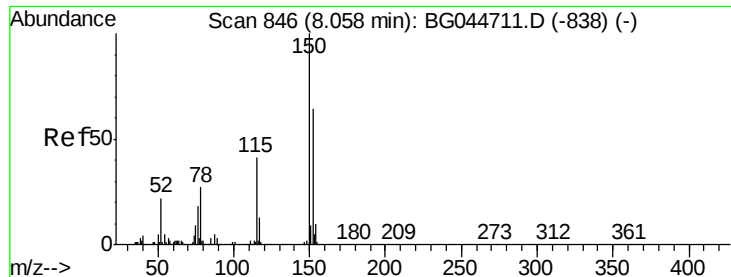
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
Data File : BG044731.D  
Acq On : 12 Mar 2020 12:13  
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Sample : L1873-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Quant Time: Mar 13 06:53:50 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 10 16:27:39 2020  
Response via : Initial Calibration



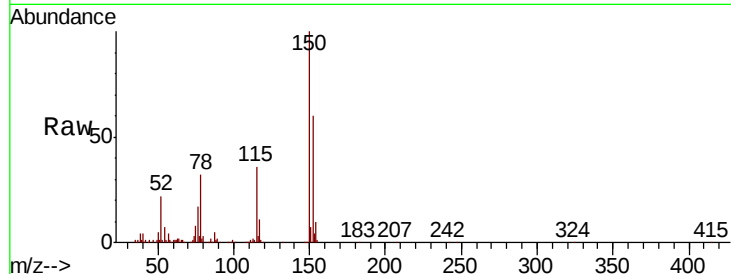


#1

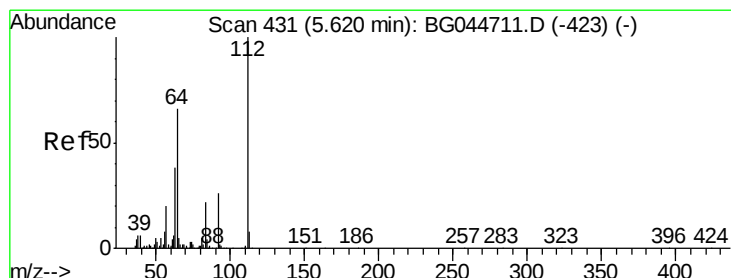
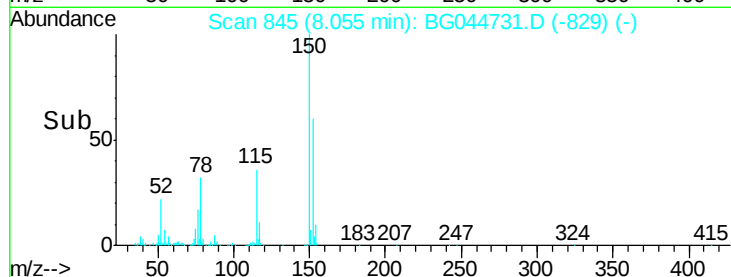
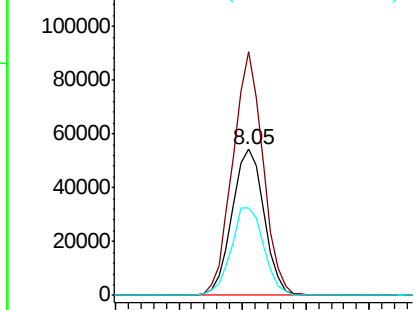
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Tot Ion:152 Resp: 94247  
Ion Ratio Lower Upper  
152 100  
150 166.4 125.3 187.9  
115 59.8 51.7 77.5



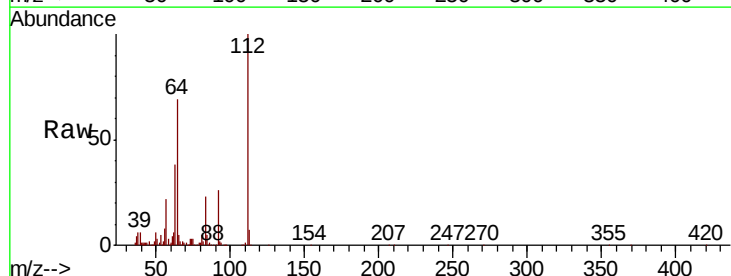
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



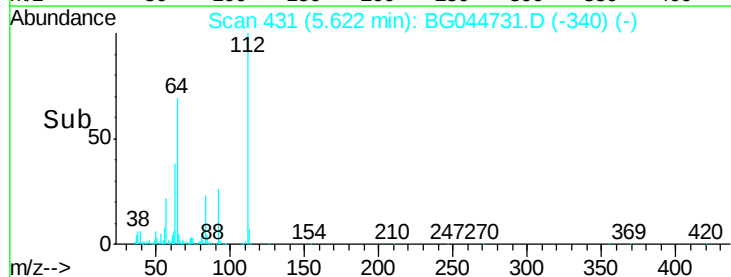
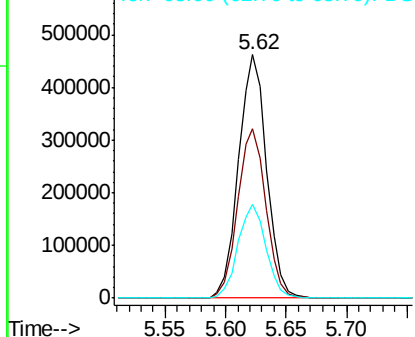
#5

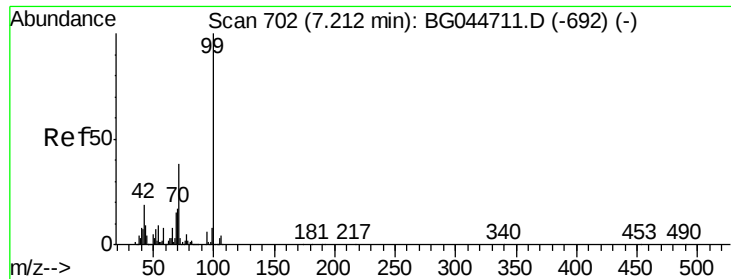
2-Fluorophenol  
Concen: 123.637 ng  
RT: 5.62 min Scan# 431  
Delta R.T. 0.00 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Tgt Ion:112 Resp: 748536  
Ion Ratio Lower Upper  
112 100  
64 69.4 52.6 78.8  
63 38.3 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.433 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044731.D

Acq: 12 Mar 2020 12:13

Instrument :

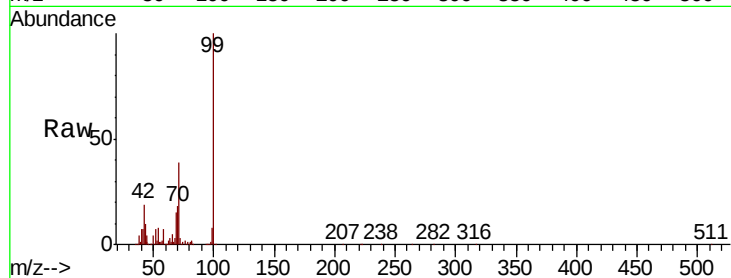
BNA\_G

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1059387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 15.4  | 23.0  |
| 71  | 39.4  | 30.2  | 45.4  |

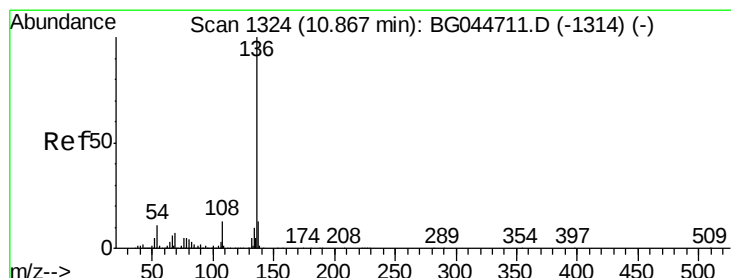
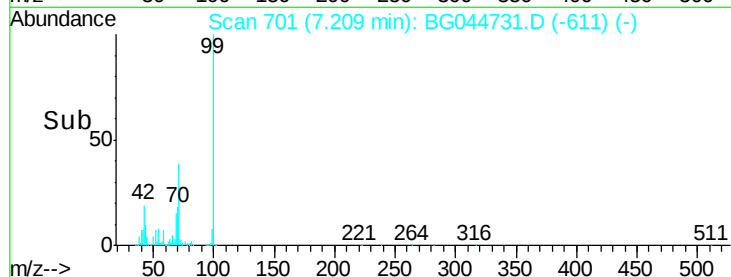
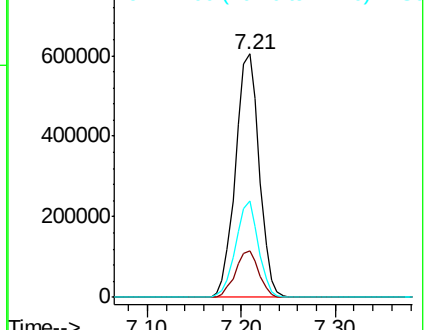


Abundance

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: 20.000 ng

RT: 10.86 min Scan# 1323

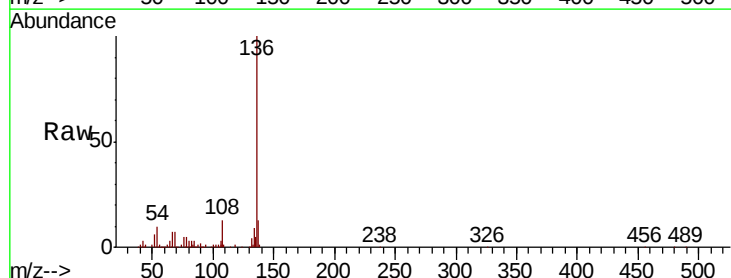
Delta R.T. -0.00 min

Lab File: BG044731.D

Acq: 12 Mar 2020 12:13

Tgt Ion: 136 Resp: 374876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 12.7  | 10.7  | 16.1  |
| 54  | 9.9   | 9.0   | 13.4  |
| 68  | 6.7   | 5.9   | 8.9   |



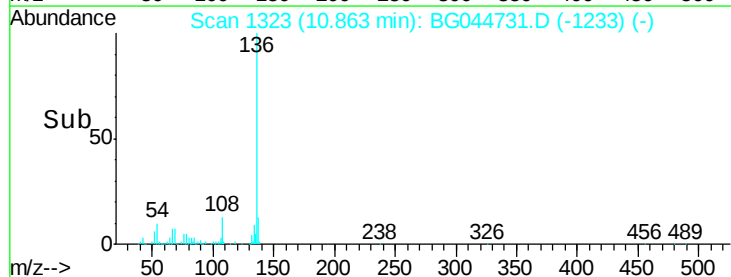
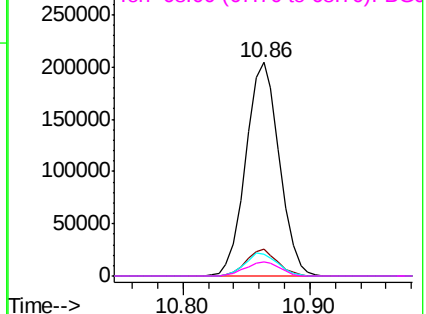
Abundance

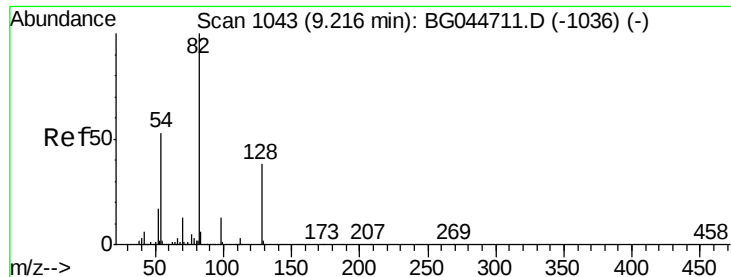
Ion 136.00 (135.70 to 136.70): BGC

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

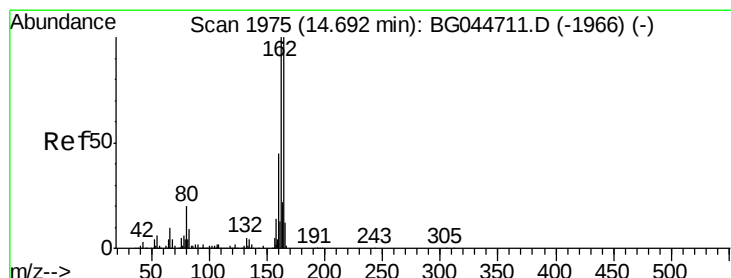
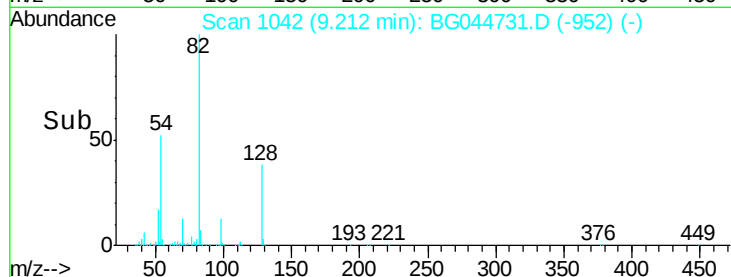
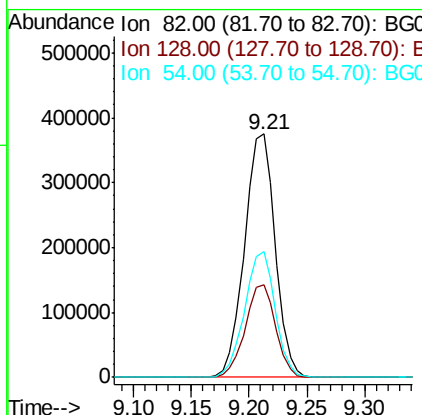
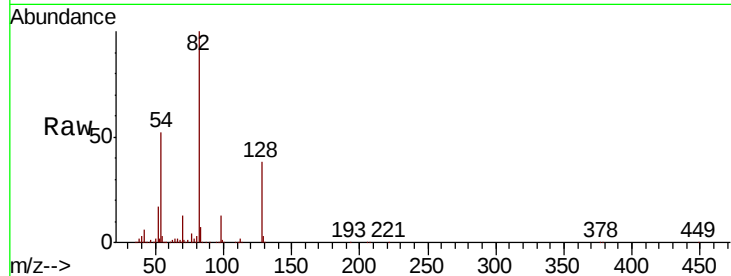




#23  
 Nitrobenzene-d5  
 Concen: 81.170 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BG044731.D  
 Acq: 12 Mar 2020 12:13

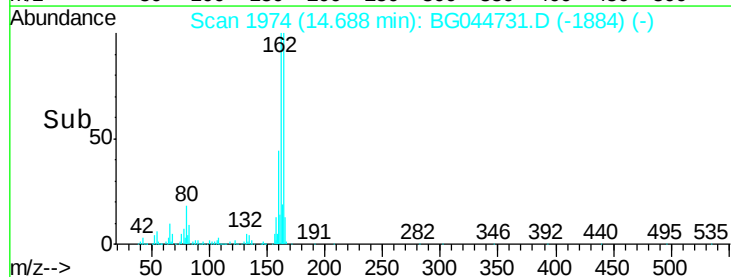
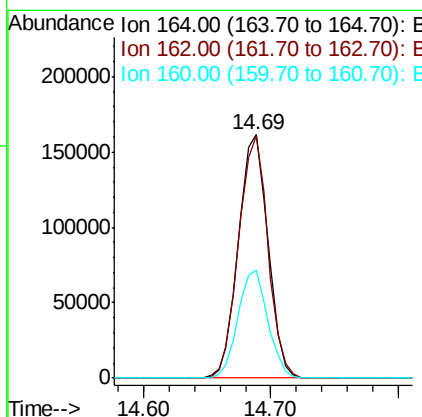
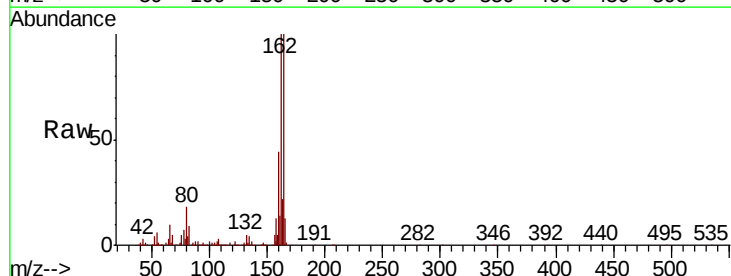
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

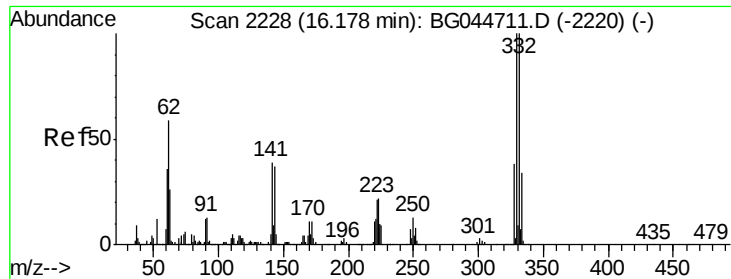
| Tot Ion | 82.00 (81.70 to 82.70): BGC | Resp  | 693427 |
|---------|-----------------------------|-------|--------|
| Ion     | Ratio                       | Lower | Upper  |
| 82      | 100                         |       |        |
| 128     | 38.3                        | 30.2  | 45.2   |
| 54      | 51.8                        | 41.8  | 62.8   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1974  
 Delta R.T. -0.00 min  
 Lab File: BG044731.D  
 Acq: 12 Mar 2020 12:13

| Tgt Ion | 164.00 (163.70 to 164.70): BGC | Resp  | 261166 |
|---------|--------------------------------|-------|--------|
| Ion     | Ratio                          | Lower | Upper  |
| 164     | 100                            |       |        |
| 162     | 99.6                           | 80.2  | 120.4  |
| 160     | 44.3                           | 36.2  | 54.2   |

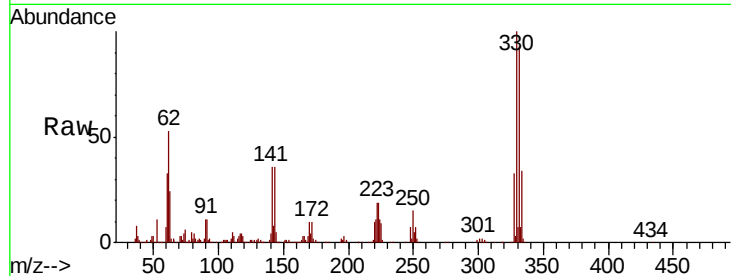




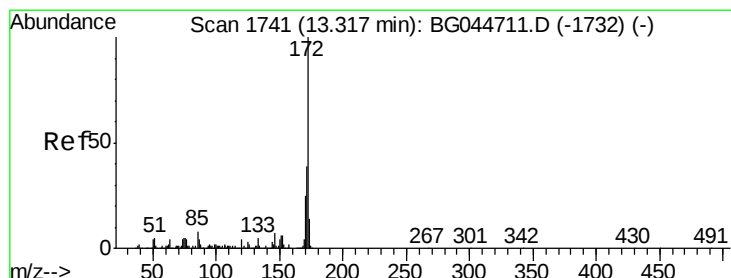
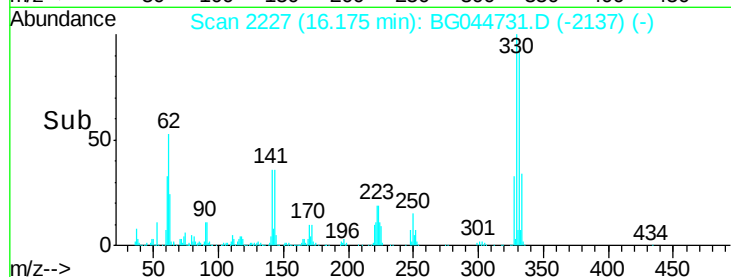
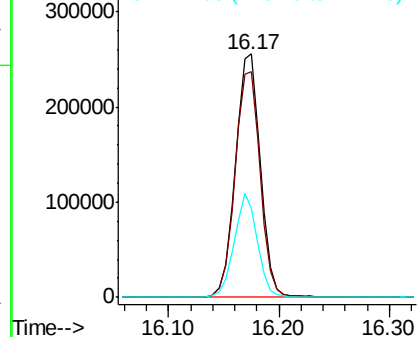
#42  
2,4,6-Tribromophenol  
Concen: 118.399 ng  
RT: 16.17 min Scan# 2227  
Delta R.T. -0.00 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Tot Ion:330 Resp: 404872  
Ion Ratio Lower Upper  
330 100  
332 93.9 77.5 116.3  
141 39.3 31.7 47.5

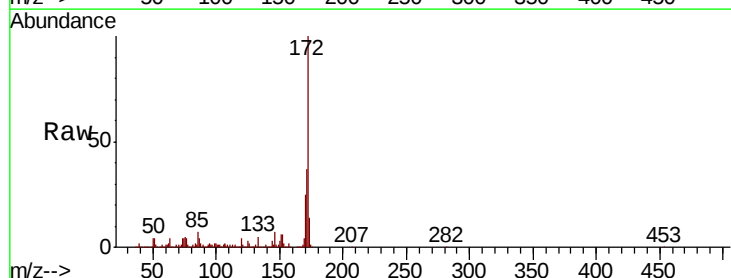


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

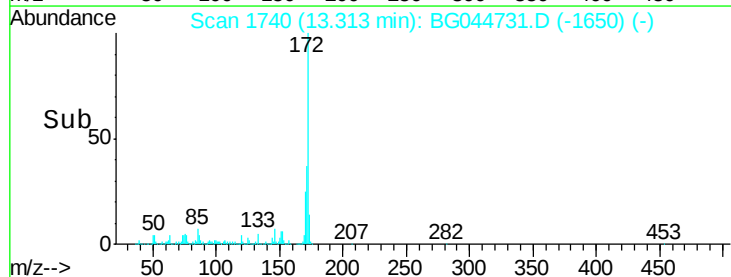
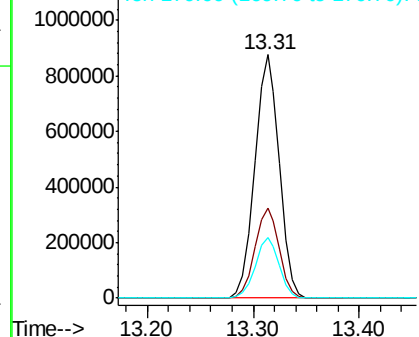


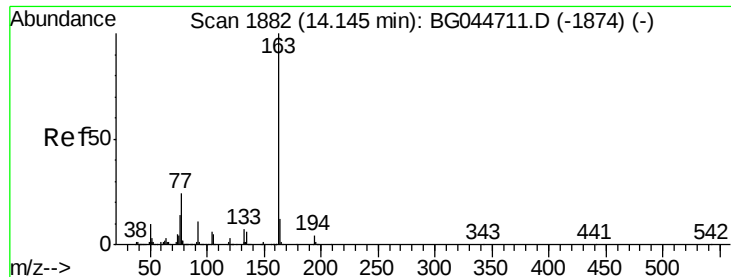
#45  
2-Fluorobiphenyl  
Concen: 77.313 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Tgt Ion:172 Resp: 1409992  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.8 46.2  
170 25.0 20.0 30.0



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

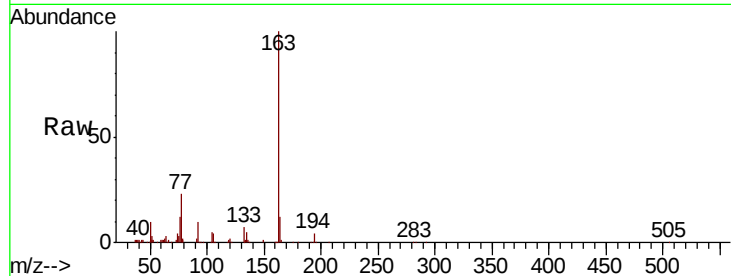




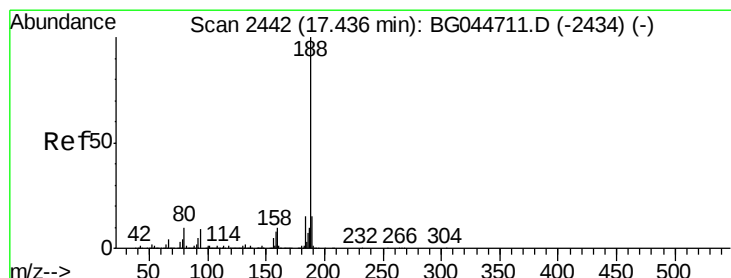
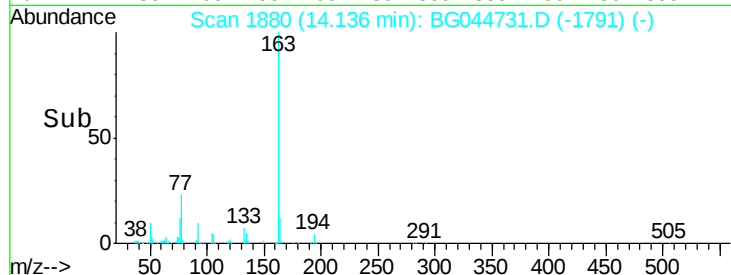
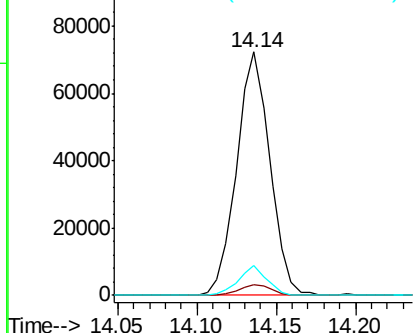
#50  
Dimethylphthalate  
Concen: 5.056 ng  
RT: 14.14 min Scan# 1880  
Delta R.T. -0.01 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Instrument :  
BNA\_G  
ClientSampled :  
TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.5   | 5.3   |
| 164     | 12.4  | 9.2   | 13.8  |

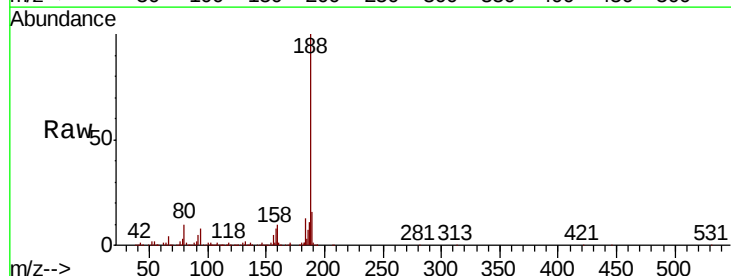


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

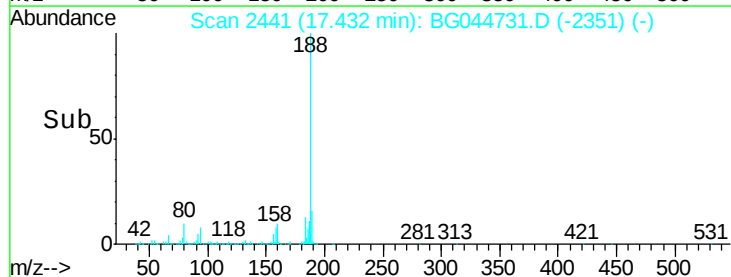
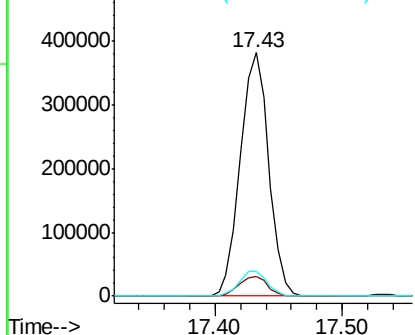


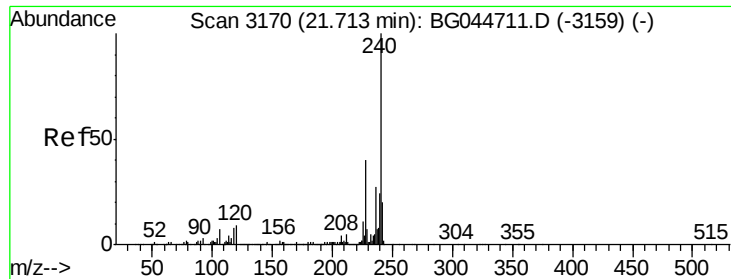
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.2   | 7.0   | 10.6  |
| 80      | 10.0  | 8.4   | 12.6  |



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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044731.D

Acq: 12 Mar 2020 12:13

Instrument :

BNA\_G

ClientSampleId :

TP-1

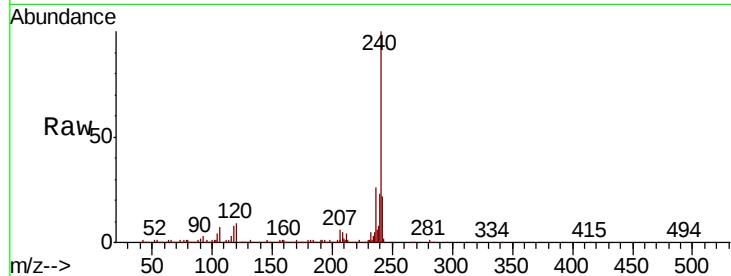
Tot Ion:240 Resp: 549507

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

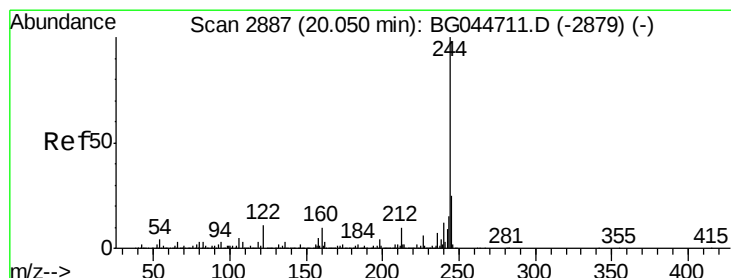
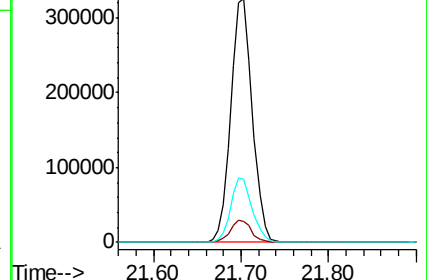
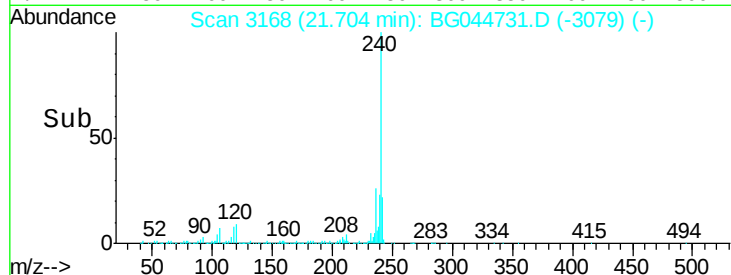
236 26.1 21.9 32.9



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: 72.930 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044731.D

Acq: 12 Mar 2020 12:13

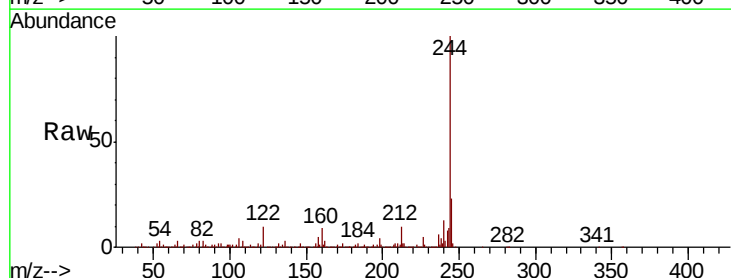
Tgt Ion:244 Resp: 2142457

Ion Ratio Lower Upper

244 100

212 9.9 8.4 12.6

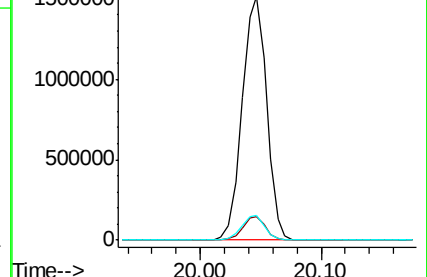
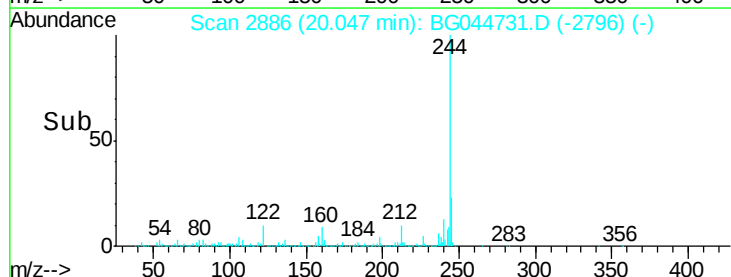
122 10.0 8.7 13.1

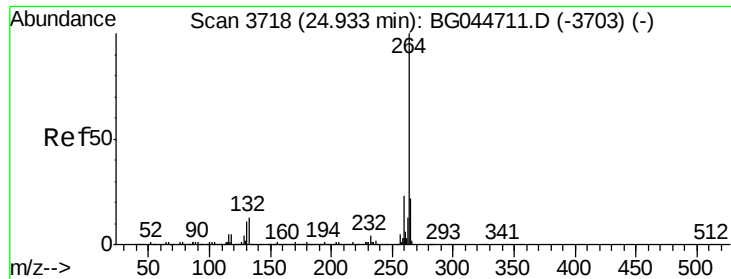


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

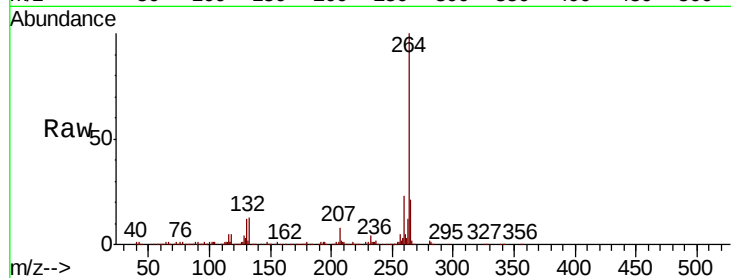




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.92 min Scan# 3715  
Delta R.T. -0.02 min  
Lab File: BG044731.D  
Acq: 12 Mar 2020 12:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.4  | 27.6  |
| 265     | 21.2  | 17.4  | 26.2  |



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

