

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\  
 Data File : BG044499.D  
 Acq On : 19 Feb 2020 21:23  
 Operator : CG/JU  
 Sample : L1558-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0169-COMP-BC-A

Quant Time: Feb 20 08:04:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

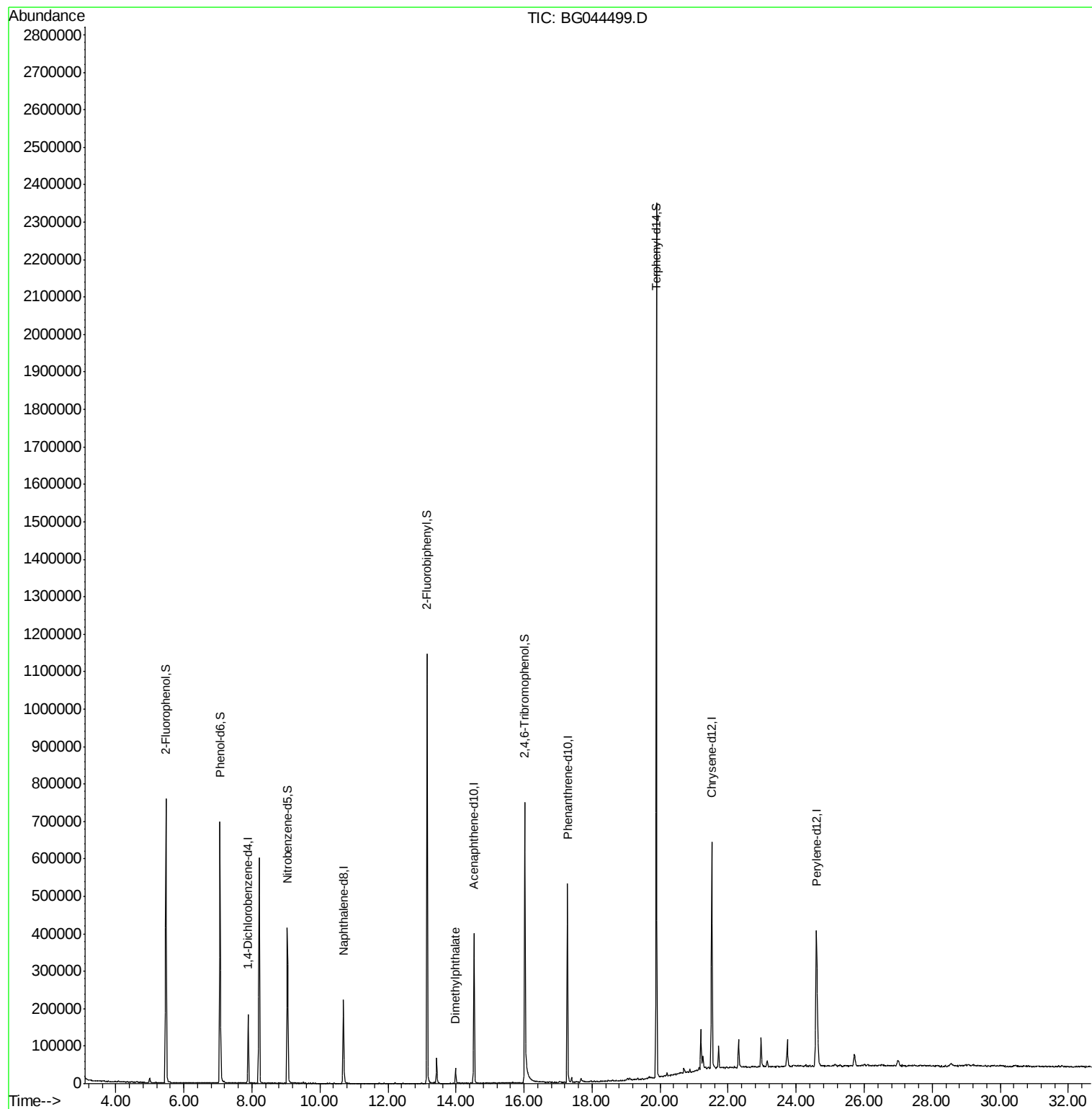
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 56555    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.69 | 136  | 226602   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 14.53 | 164  | 142971   | 20.00  | ng    | -0.01          |
| 64) Phenanthrene-d10        | 17.27 | 188  | 352232   | 20.00  | ng    | -0.01          |
| 76) Chrysene-d12            | 21.52 | 240  | 368155   | 20.00  | ng    | -0.02          |
| 87) Perylene-d12            | 24.59 | 264  | 385648   | 20.00  | ng    | -0.03          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.47  | 112  | 383341   | 119.62 | ng    | 0.00           |
| 7) Phenol-d6                | 7.06  | 99   | 477231   | 110.90 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 9.04  | 82   | 282222   | 70.31  | ng    | -0.02          |
| 42) 2,4,6-Tribromophenol    | 16.02 | 330  | 204945   | 122.11 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 13.15 | 172  | 640747   | 75.05  | ng    | -0.01          |
| 79) Terphenyl-d14           | 19.89 | 244  | 1145842  | 64.02  | ng    | -0.01          |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 13.99 | 163  | 35921    | 3.495  | ng    | Qvalue<br># 97 |

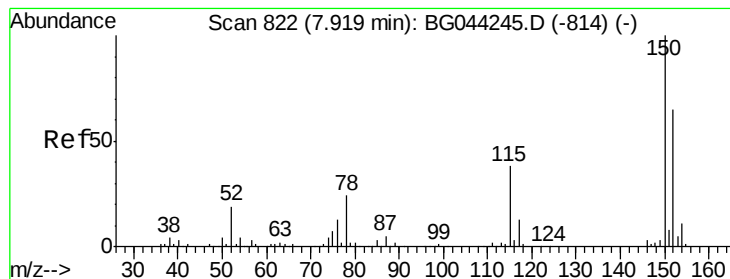
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\  
Data File : BG044499.D  
Acq On : 19 Feb 2020 21:23  
Operator : CG/JU  
Sample : L1558-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
0169-COMP-BC-A

Quant Time: Feb 20 08:04:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 10 16:11:50 2020  
Response via : Initial Calibration



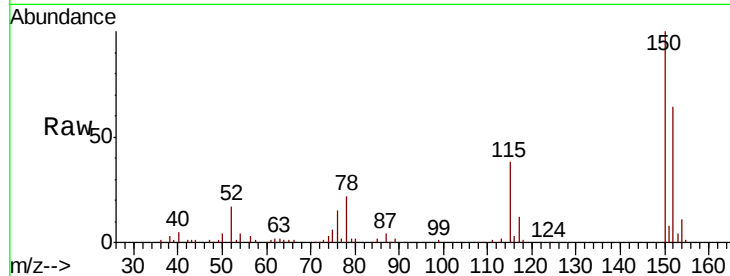


#1

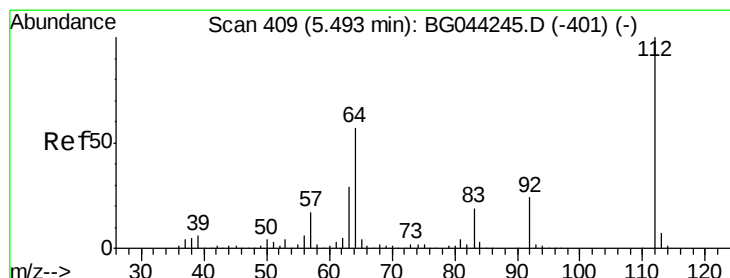
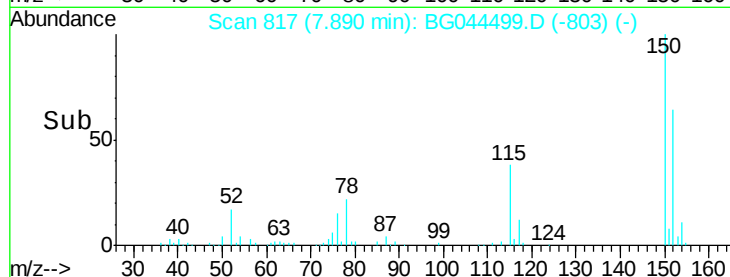
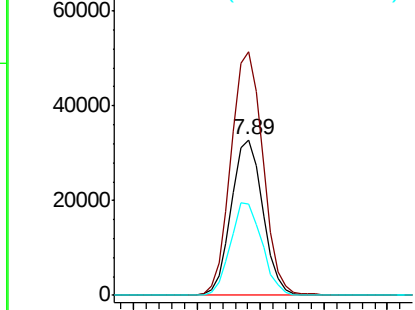
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

Instrument :  
BNA\_G  
ClientSampleId :  
0169-COMP-BC-A

Tot Ion:152 Resp: 56555  
Ion Ratio Lower Upper  
152 100  
150 156.8 122.6 183.8  
115 59.0 46.0 69.0



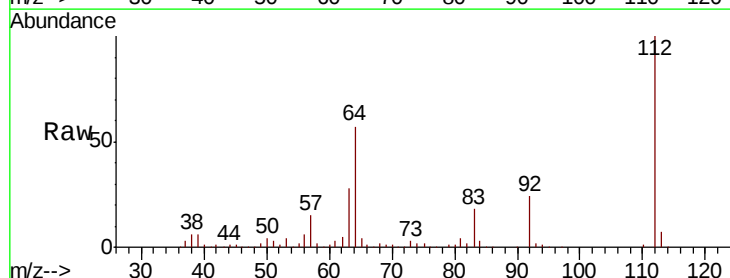
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



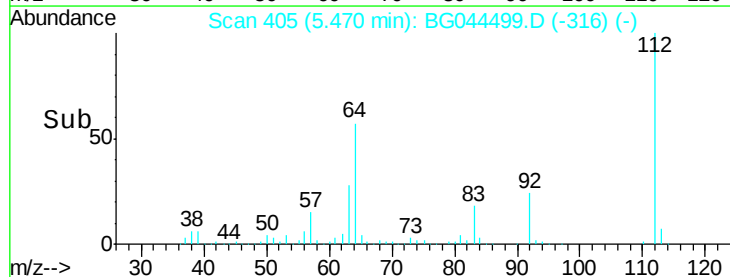
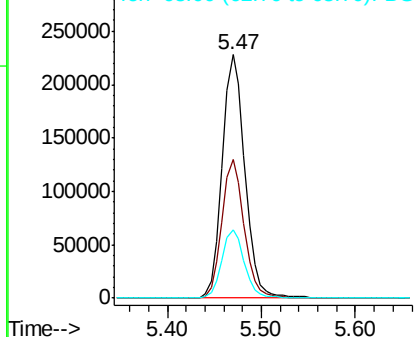
#5

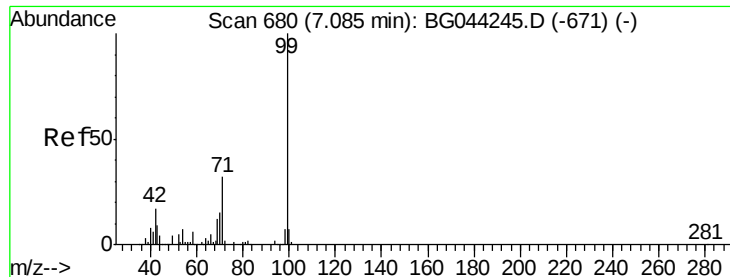
2-Fluorophenol  
Concen: 119.625 ng  
RT: 5.47 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

Tgt Ion:112 Resp: 383341  
Ion Ratio Lower Upper  
112 100  
64 57.2 45.4 68.2  
63 28.3 22.9 34.3



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: 110.901 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Instrument :

BNA\_G

ClientSampleId :

0169-COMP-BC-A

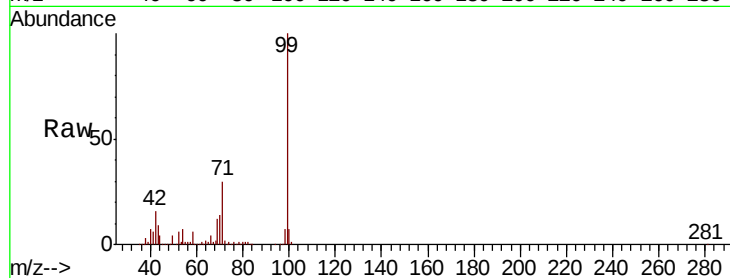
Tot Ion: 99 Resp: 477231

Ion Ratio Lower Upper

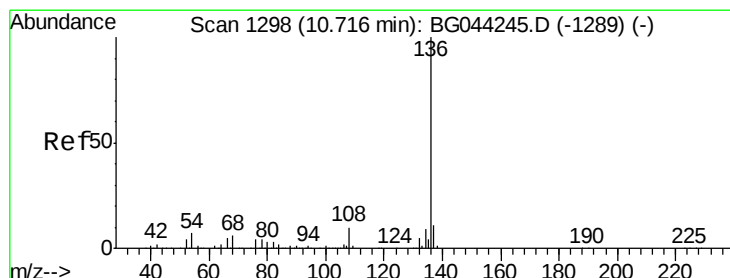
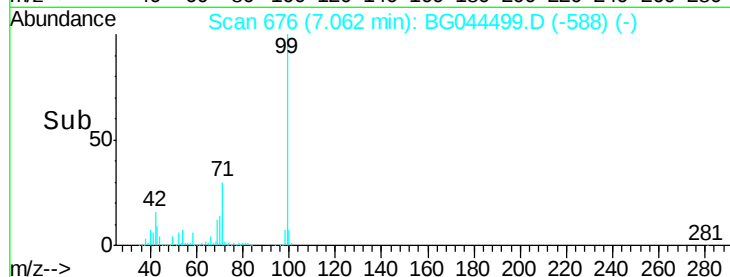
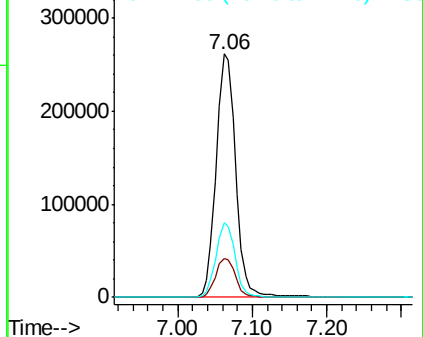
99 100

42 16.1 13.8 20.6

71 30.4 25.5 38.3



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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Tgt Ion: 136 Resp: 226602

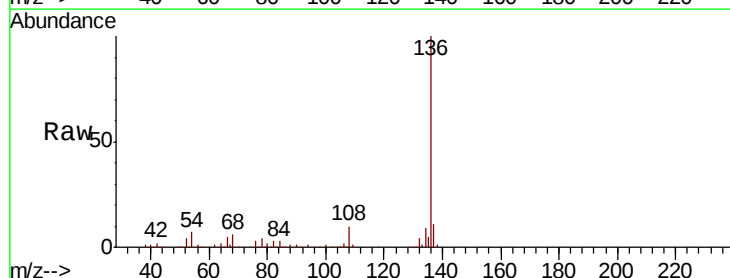
Ion Ratio Lower Upper

136 100

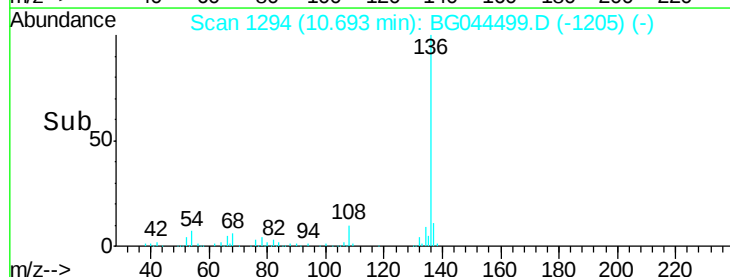
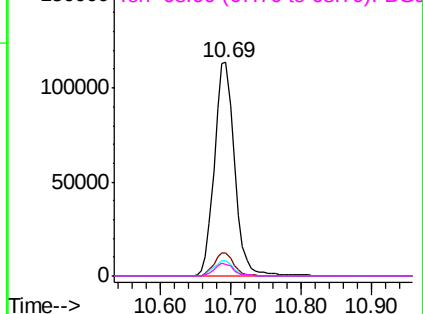
137 10.9 8.8 13.2

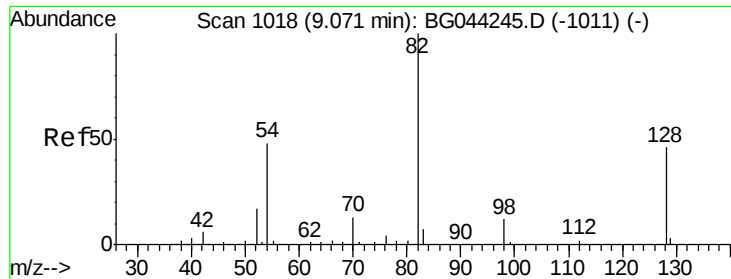
54 7.3 5.8 8.8

68 5.6 4.6 6.8



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

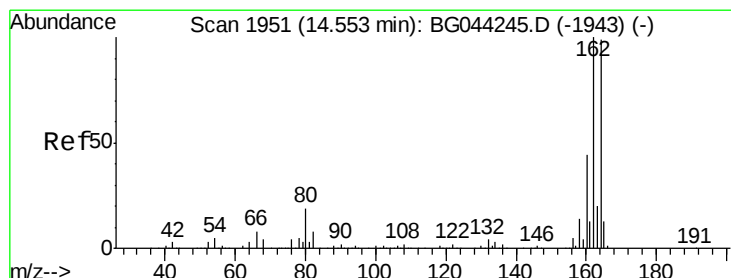
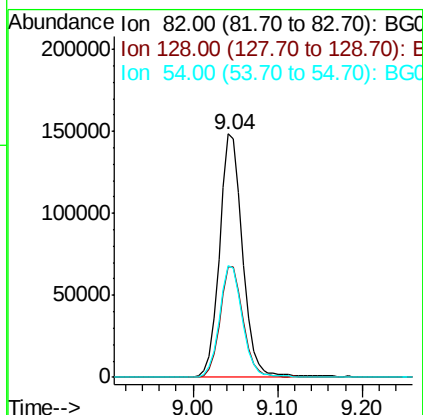
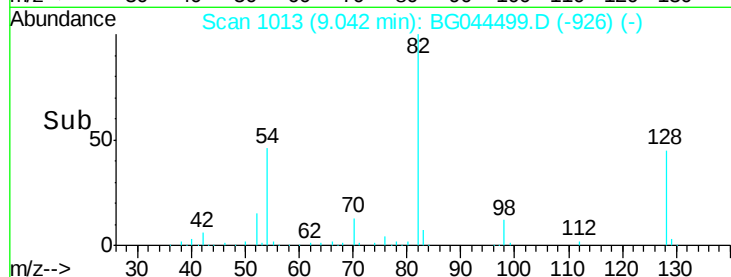
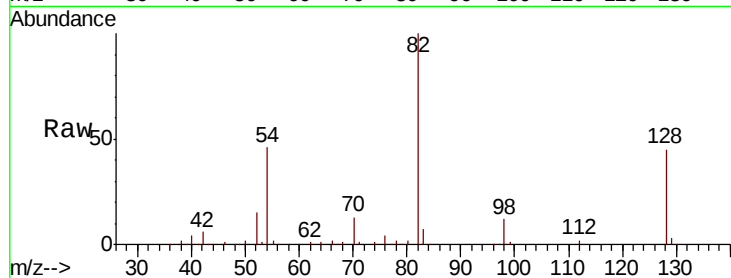




#23  
Nitrobenzene-d5  
Concen: 70.314 ng  
RT: 9.04 min Scan# 1013  
Delta R.T. -0.02 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

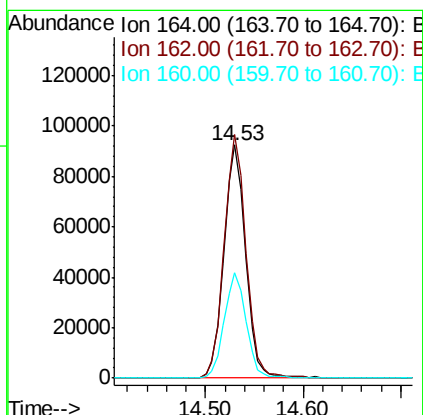
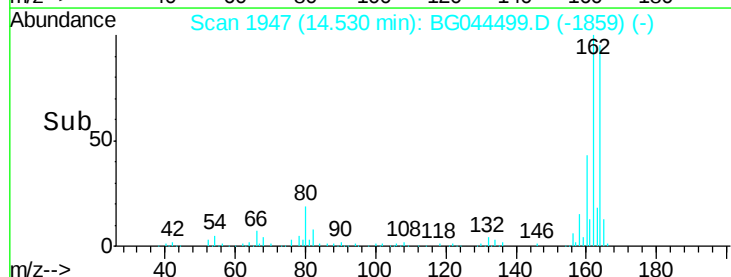
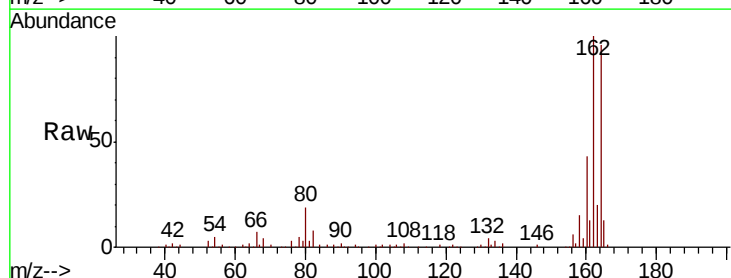
Instrument :  
BNA\_G  
ClientSampleId :  
0169-COMP-BC-A

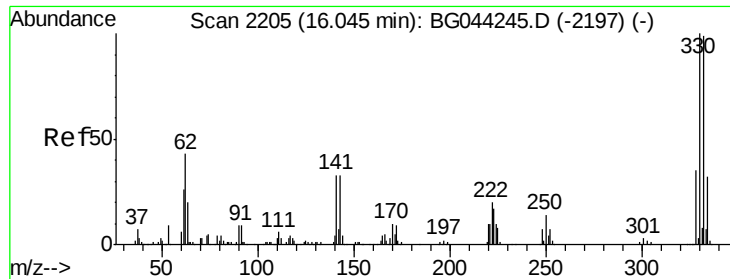
Tot Ion: 82 Resp: 282222  
Ion Ratio Lower Upper  
82 100  
128 45.3 36.5 54.7  
54 45.7 38.6 58.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.53 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

Tgt Ion:164 Resp: 142971  
Ion Ratio Lower Upper  
164 100  
162 104.4 80.7 121.1  
160 45.3 35.3 52.9

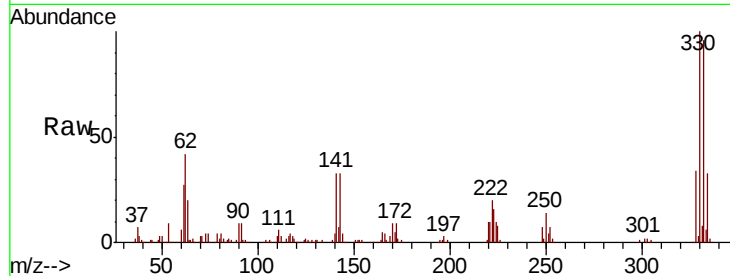




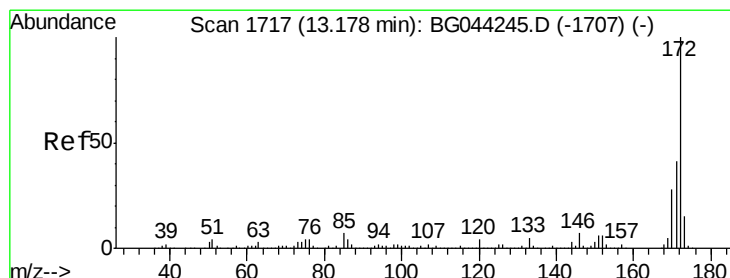
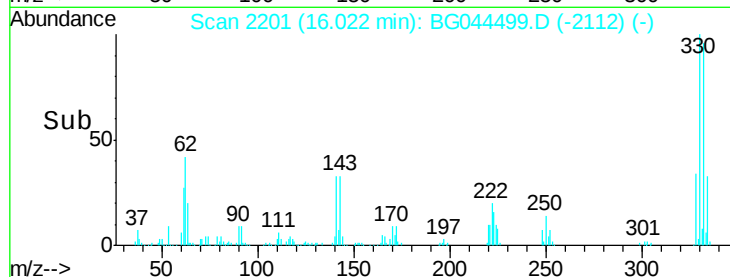
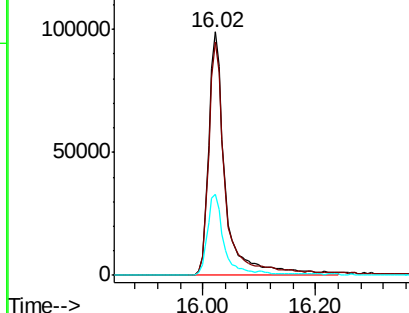
#42  
 2,4,6-Tribromophenol  
 Concen: 122.108 ng  
 RT: 16.02 min Scan# 2201  
 Delta R.T. -0.01 min  
 Lab File: BG044499.D  
 Acq: 19 Feb 2020 21:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0169-COMP-BC-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 93.6  | 77.2  | 115.8 |
| 141     | 32.9  | 28.3  | 42.5  |

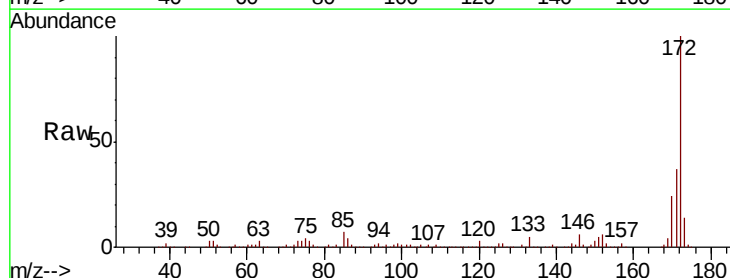


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

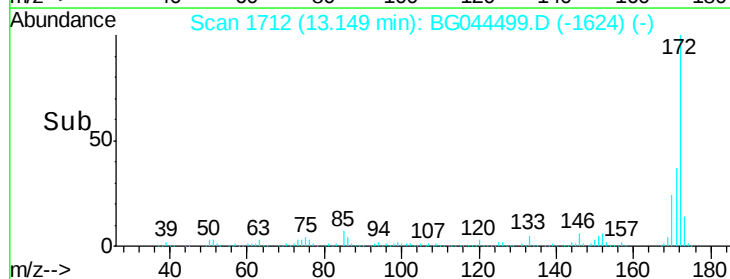
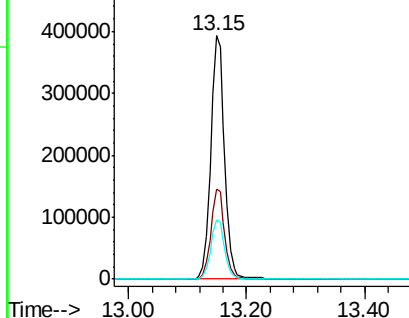


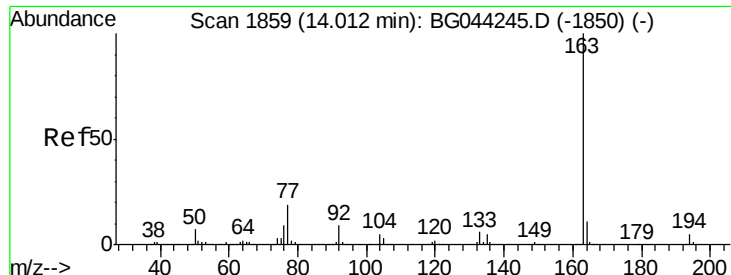
#45  
 2-Fluorobiphenyl  
 Concen: 75.048 ng  
 RT: 13.15 min Scan# 1712  
 Delta R.T. -0.01 min  
 Lab File: BG044499.D  
 Acq: 19 Feb 2020 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 32.9  | 49.3  |
| 170     | 24.3  | 22.0  | 33.0  |



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: 3.495 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

Instrument :

BNA\_G

ClientSampleId :

0169-COMP-BC-A

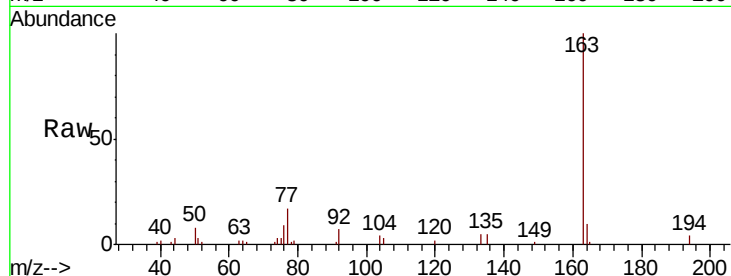
Tot Ion:163 Resp: 35921

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

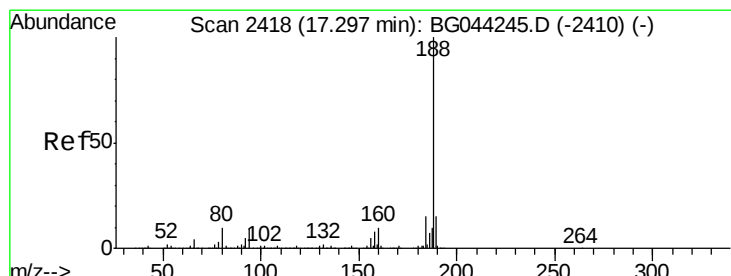
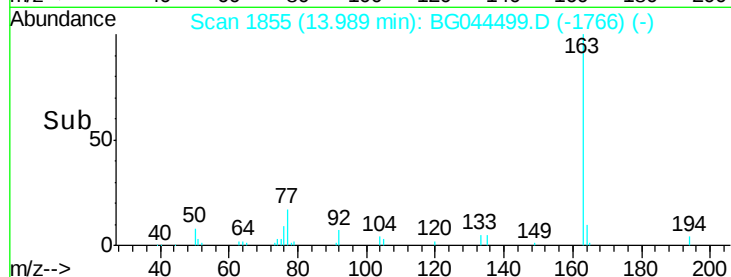
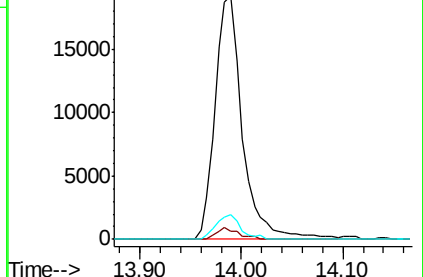
164 10.0 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044499.D

Acq: 19 Feb 2020 21:23

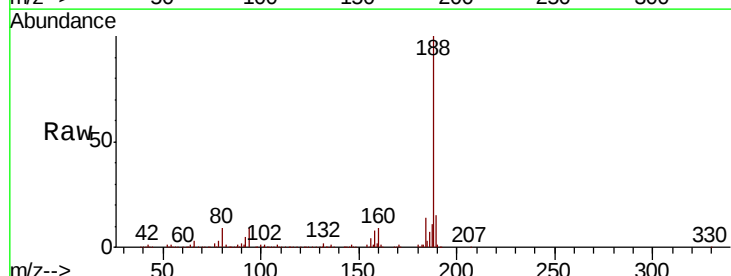
Tgt Ion:188 Resp: 352232

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

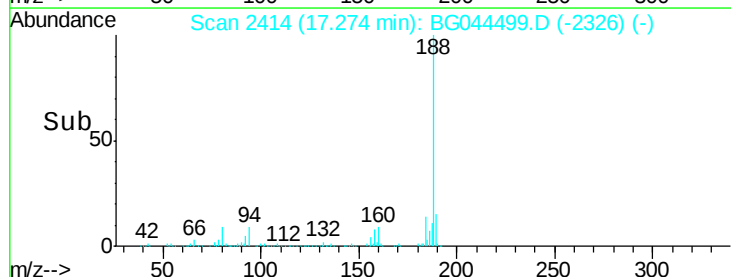
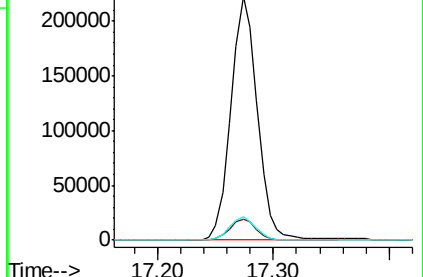
80 9.5 7.7 11.5

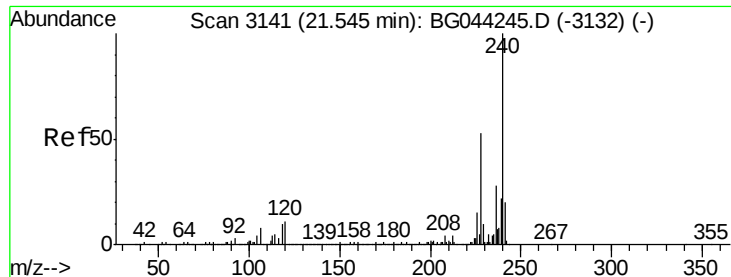


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

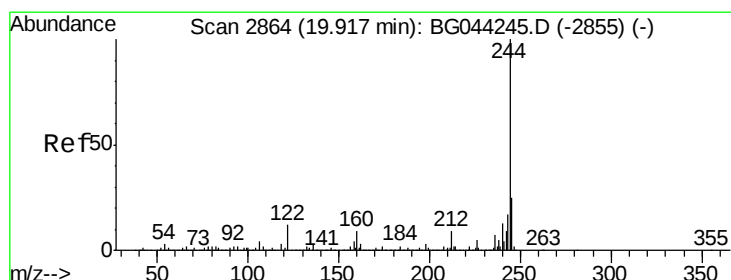
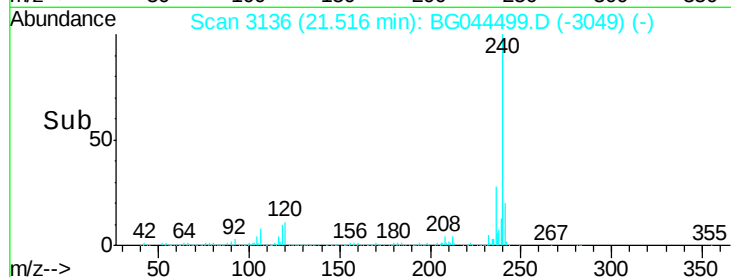
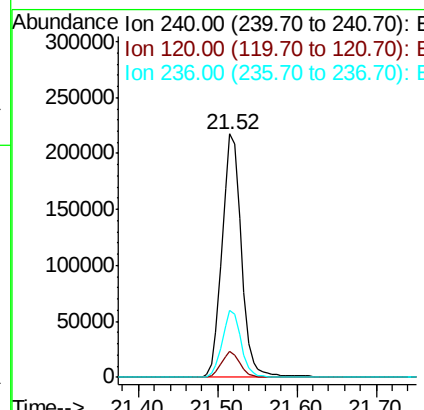
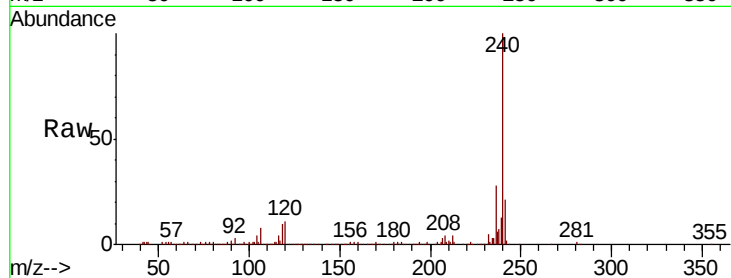




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.52 min Scan# 3136  
Delta R.T. -0.02 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

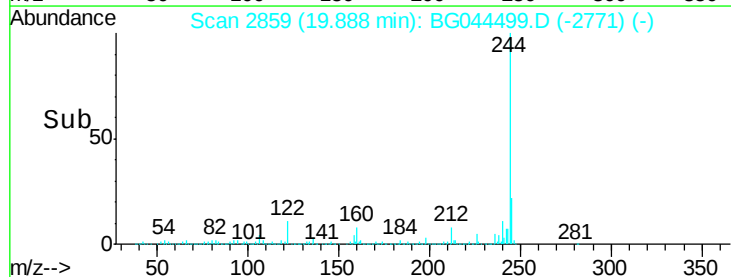
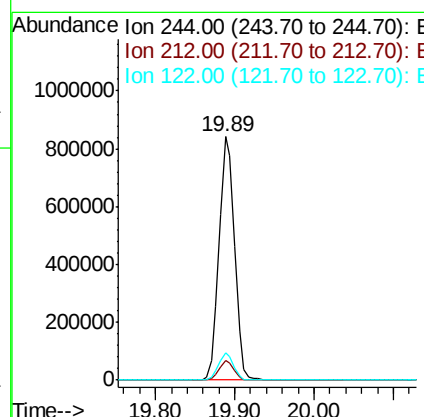
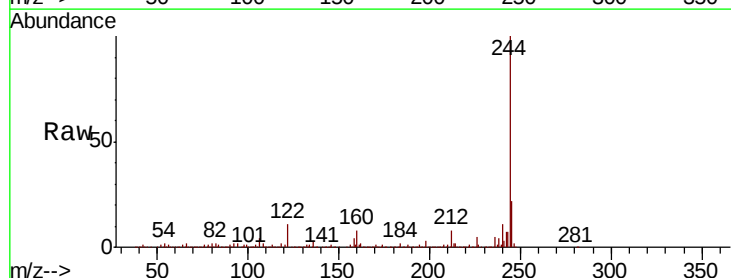
Instrument :  
BNA\_G  
ClientSampleId :  
0169-COMP-BC-A

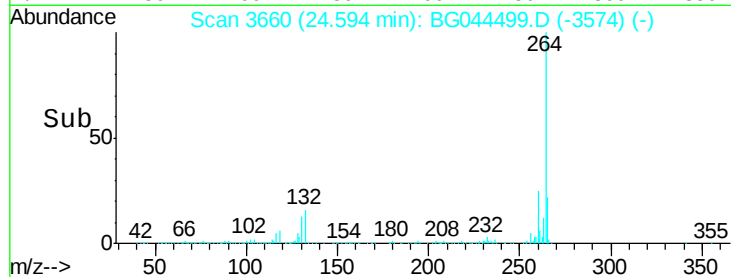
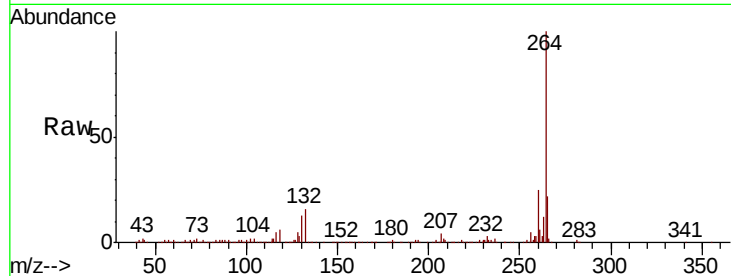
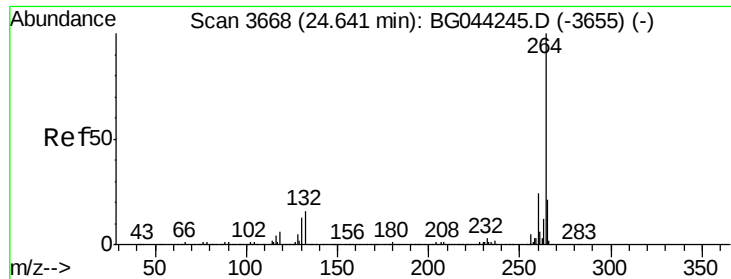
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.9  | 8.4   | 12.6  |
| 236     | 27.6  | 22.1  | 33.1  |



#79  
Terphenyl-d14  
Concen: 64.018 ng  
RT: 19.89 min Scan# 2859  
Delta R.T. -0.01 min  
Lab File: BG044499.D  
Acq: 19 Feb 2020 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 7.4   | 11.2  |
| 122     | 11.1  | 9.8   | 14.6  |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.59 min Scan# 3660  
 Delta R.T. -0.03 min  
 Lab File: BG044499.D  
 Acq: 19 Feb 2020 21:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0169-COMP-BC-A

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 385648 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.8  | 19.4  | 29.2   |
| 265      | 22.5  | 16.7  | 25.1   |

