

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\  
 Data File : BG044847.D  
 Acq On : 18 Mar 2020 00:28  
 Operator : CG/JU  
 Sample : L1893-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-SA

Quant Time: Mar 18 03:48:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 16 17:37:15 2020  
 Response via : Initial Calibration

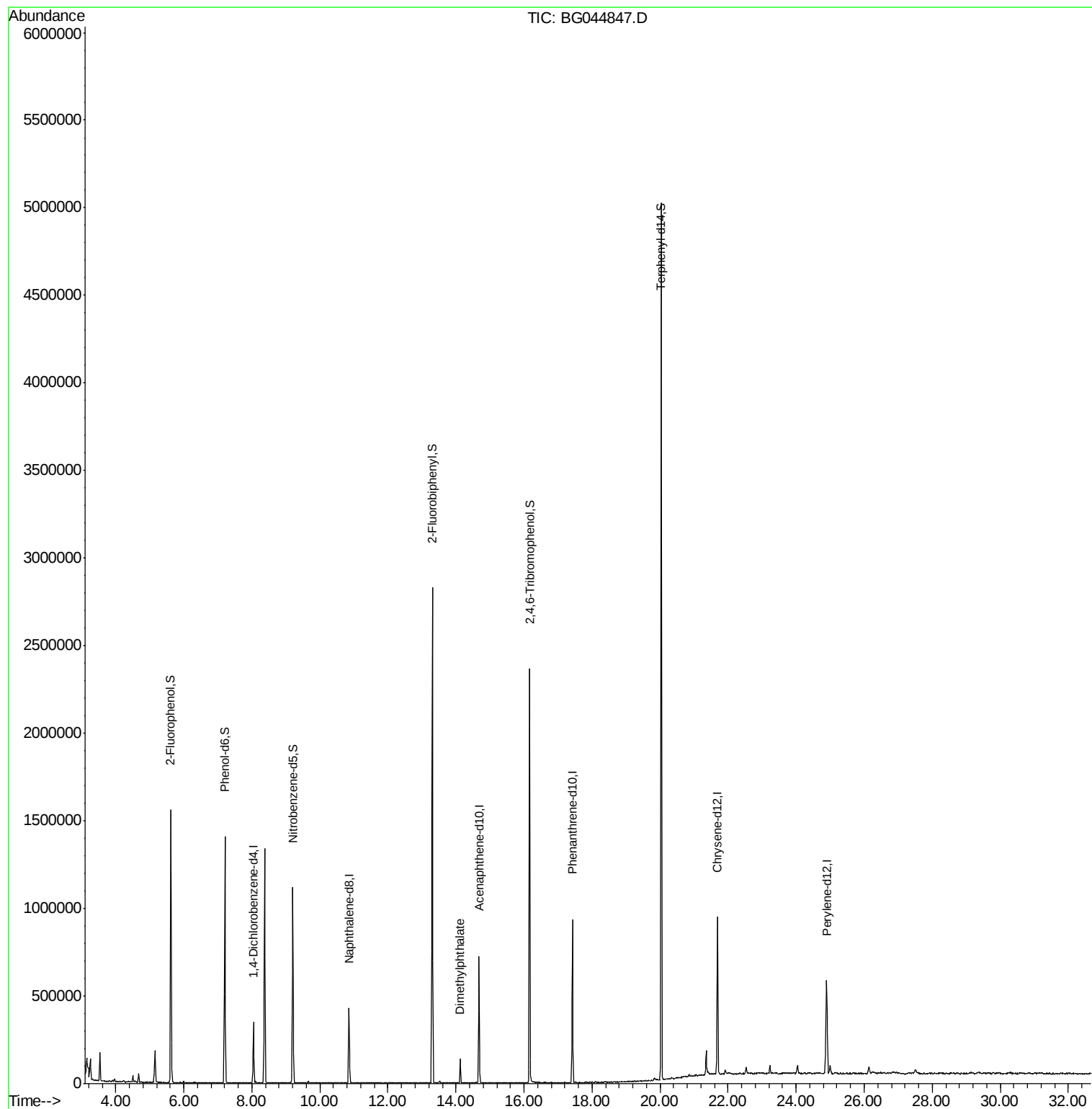
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 100937   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.85 | 136  | 378284   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.68 | 164  | 257433   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.42 | 188  | 576671   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.69 | 240  | 510078   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.90 | 264  | 571645   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.62  | 112  | 678898   | 104.70 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 856323   | 90.90  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 707489   | 82.07  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 468497   | 138.99 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 1488523  | 82.80  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.04 | 244  | 2355240  | 86.37  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.13 | 163  | 94605    | 4.614  | ng    | Qvalue 97 |

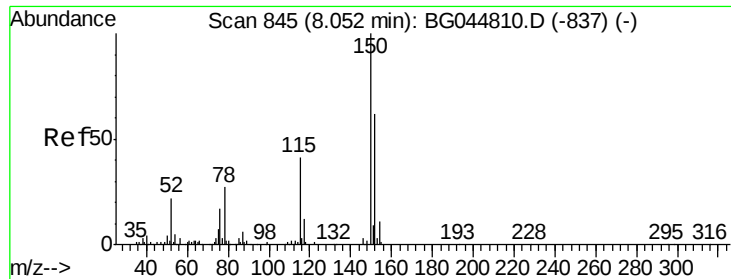
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Mar 18 03:48:20 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 16 17:37:15 2020  
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: BG044847.D

Acq: 18 Mar 2020 00:28

Instrument :

BNA\_G

ClientSampleId :

TP-1-SA

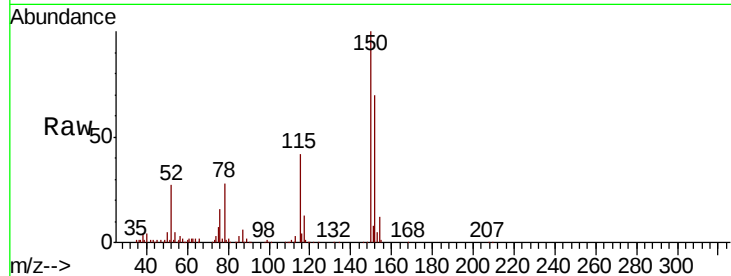
Tot Ion:152 Resp: 100937

Ion Ratio Lower Upper

152 100

150 143.0 128.8 193.2

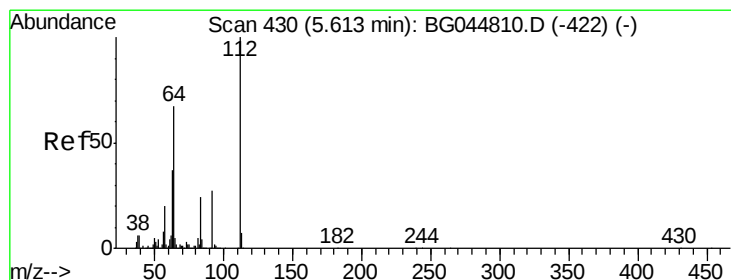
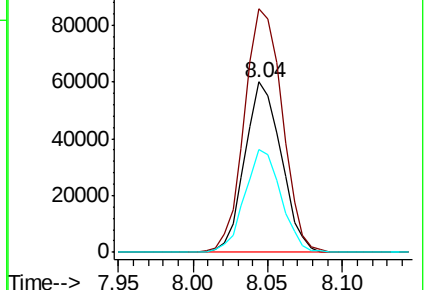
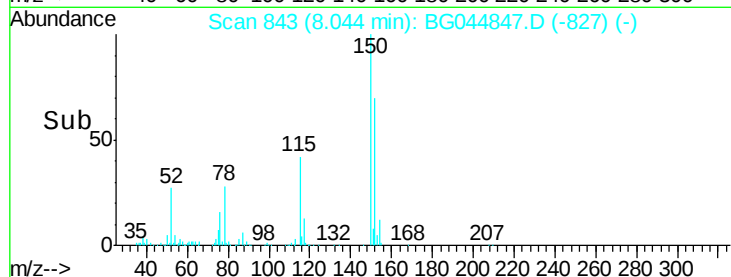
115 60.3 52.6 79.0



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: 104.702 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044847.D

Acq: 18 Mar 2020 00:28

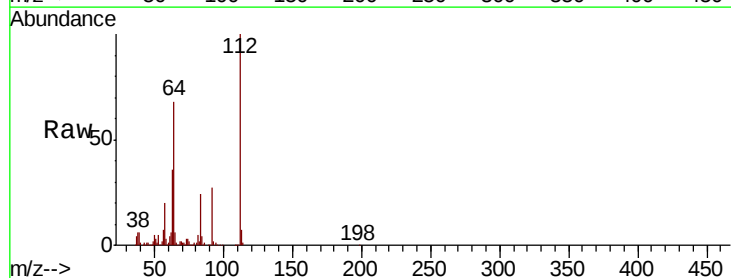
Tgt Ion:112 Resp: 678898

Ion Ratio Lower Upper

112 100

64 68.5 53.4 80.2

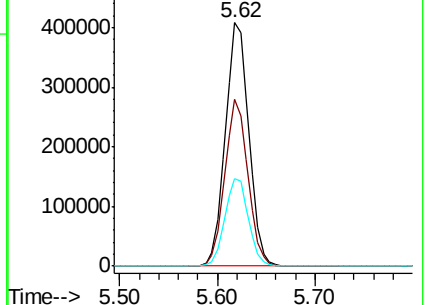
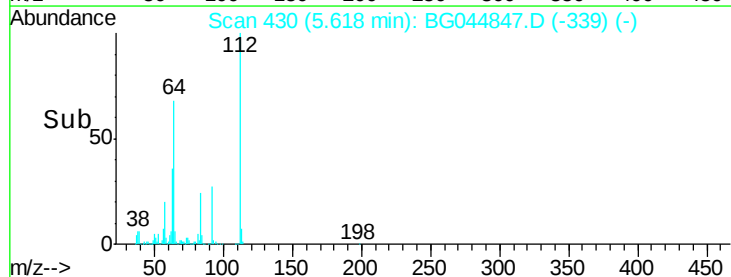
63 36.1 29.4 44.2

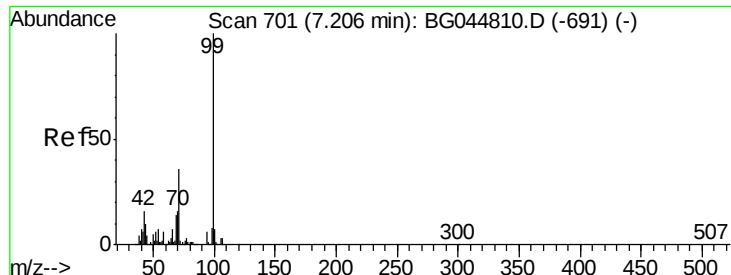


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 90.896 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044847.D

Acq: 18 Mar 2020 00:28

Instrument :

BNA\_G

ClientSampleId :

TP-1-SA

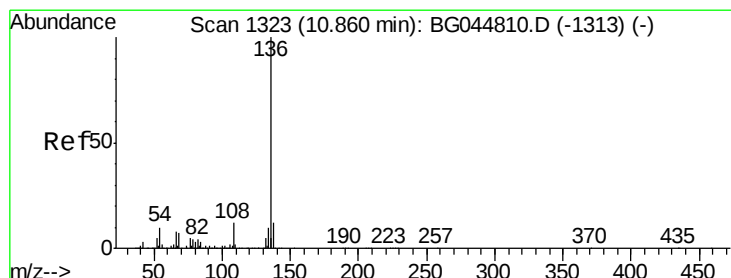
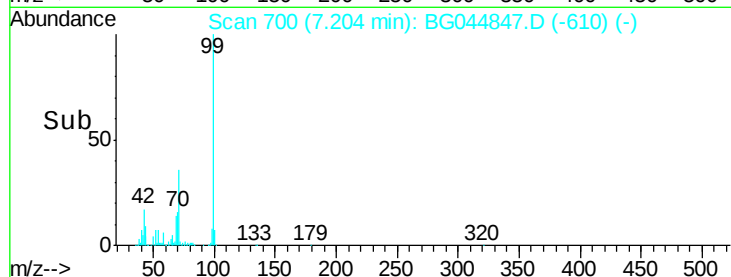
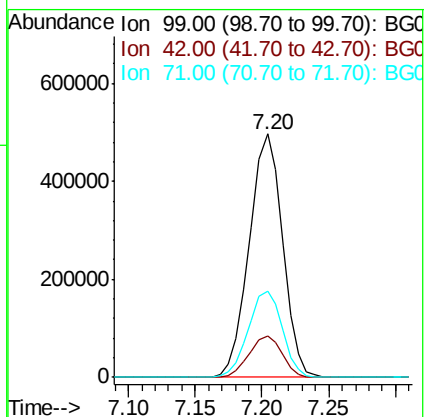
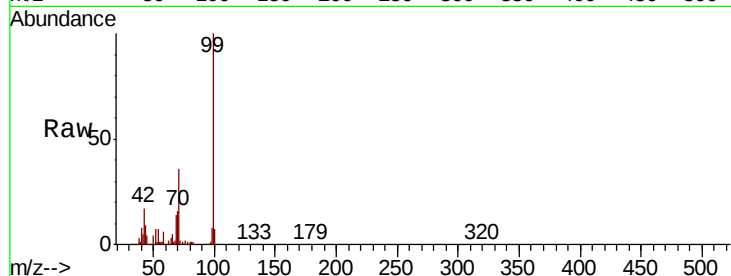
Tot Ion: 99 Resp: 856323

Ion Ratio Lower Upper

99 100

42 17.0 12.6 19.0

71 35.6 29.0 43.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044847.D

Acq: 18 Mar 2020 00:28

Tgt Ion: 136 Resp: 378284

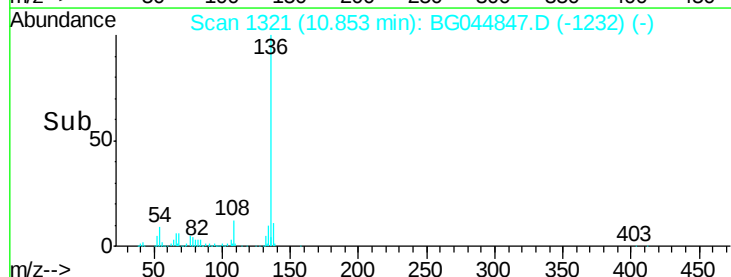
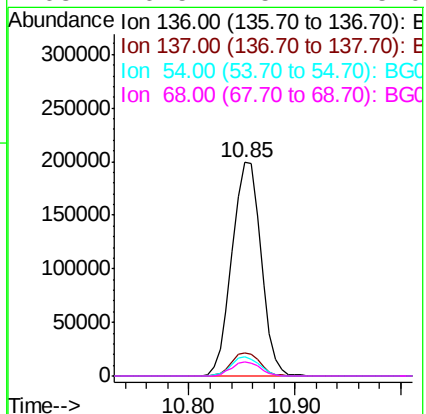
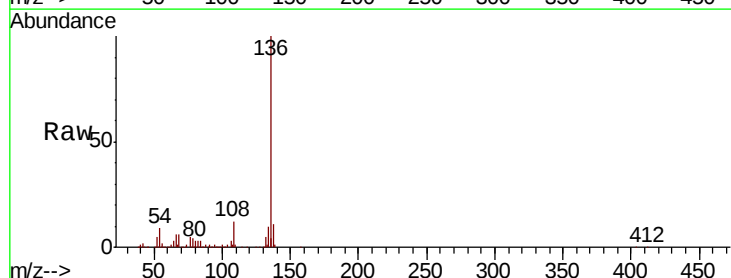
Ion Ratio Lower Upper

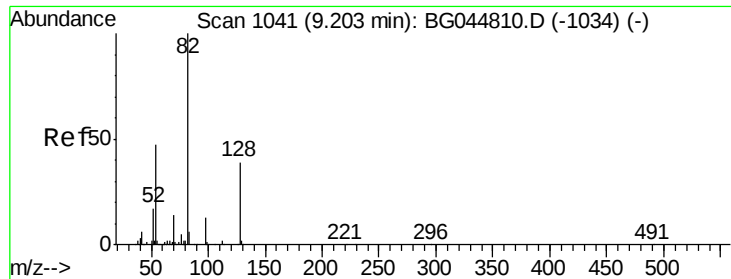
136 100

137 10.9 9.8 14.6

54 9.1 7.9 11.9

68 6.5 5.4 8.0

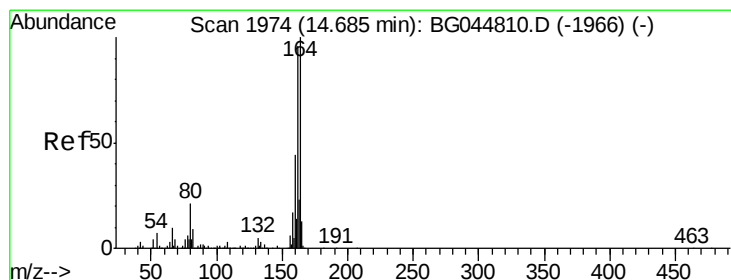
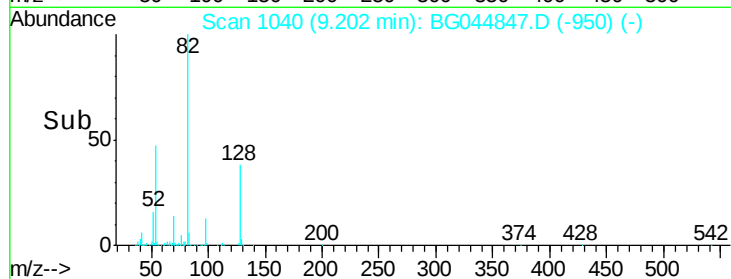
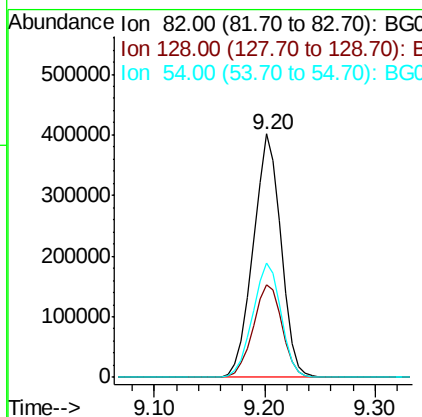
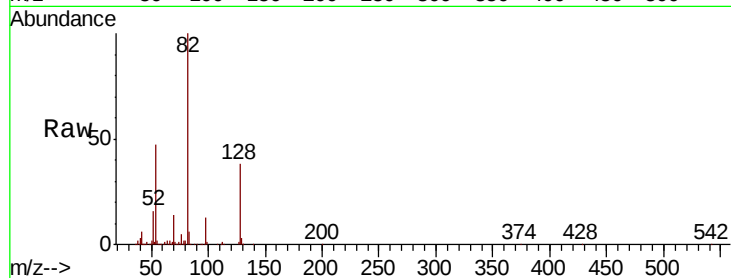




#23  
 Nitrobenzene-d5  
 Concen: 82.070 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG044847.D  
 Acq: 18 Mar 2020 00:28

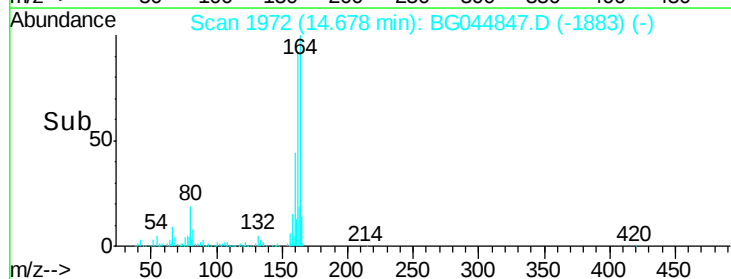
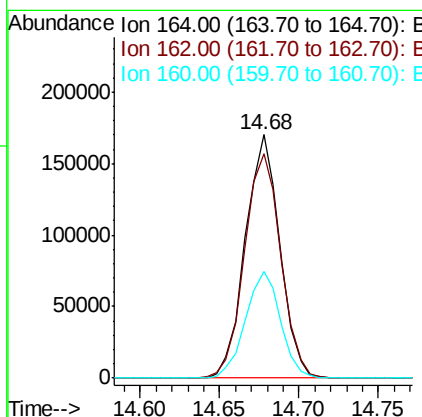
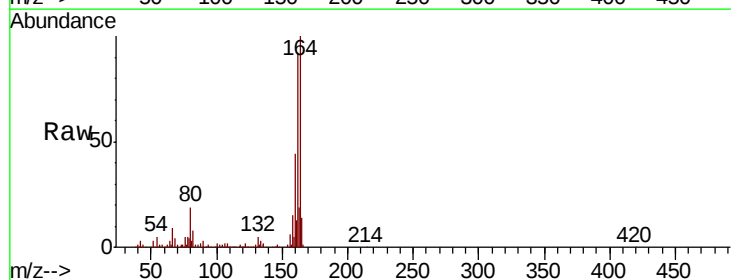
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-SA

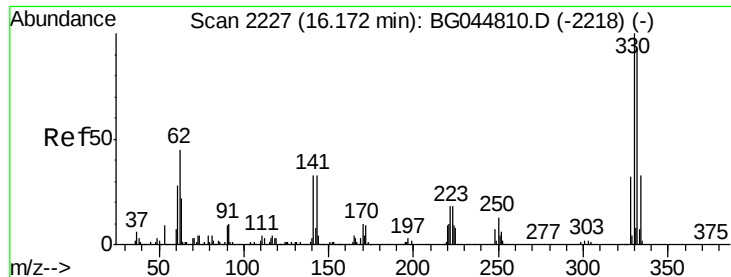
| Tot Ion   | 82    | Resp  | 707489 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.9  | 30.6  | 46.0   |
| 54        | 47.1  | 37.1  | 55.7   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.68 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: BG044847.D  
 Acq: 18 Mar 2020 00:28

| Tgt Ion   | 164   | Resp  | 257433 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 92.1  | 76.7  | 115.1  |
| 160       | 43.9  | 35.0  | 52.4   |

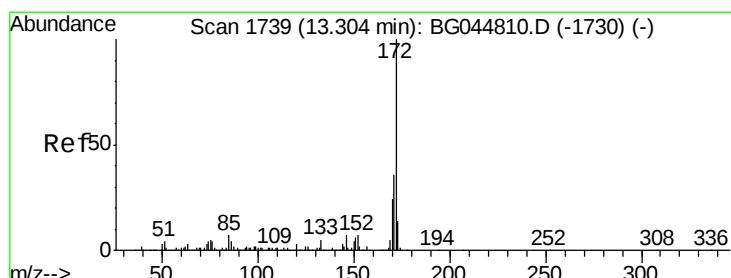
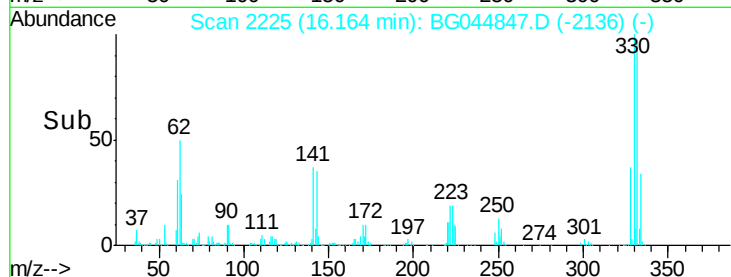
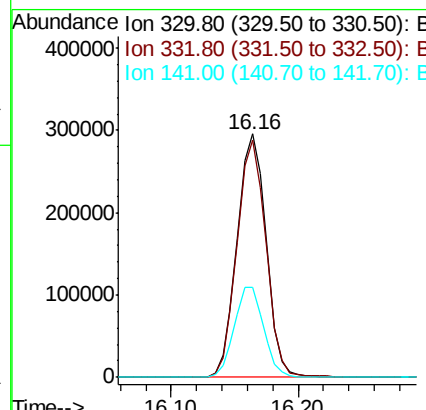
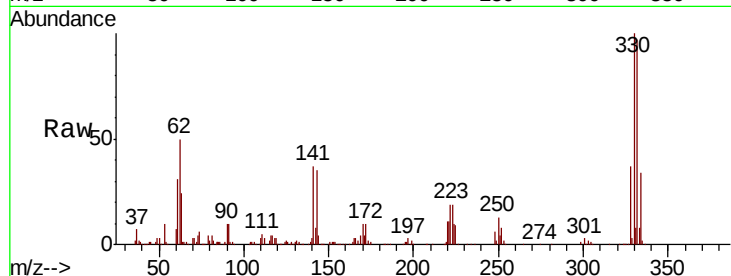




#42  
 2,4,6-Tribromophenol  
 Concen: 138.991 ng  
 RT: 16.16 min Scan# 2225  
 Delta R.T. -0.01 min  
 Lab File: BG044847.D  
 Acq: 18 Mar 2020 00:28

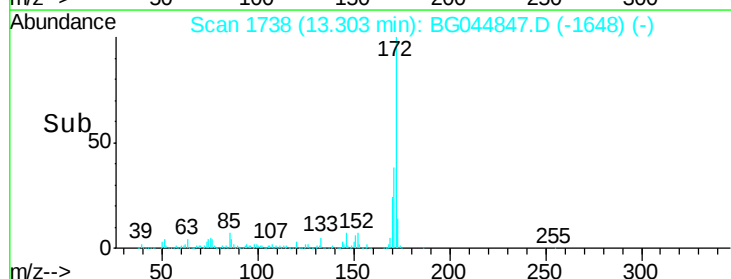
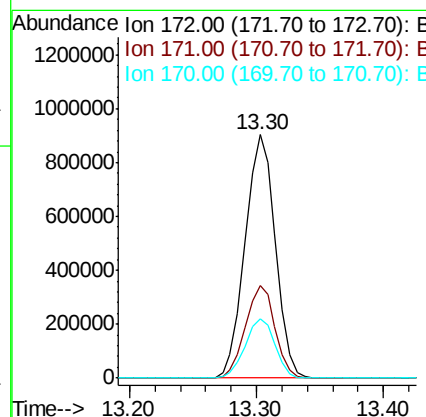
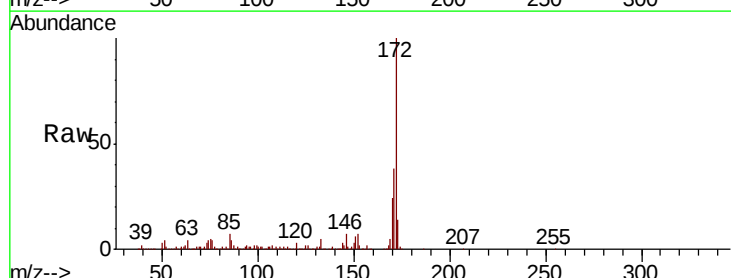
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-SA

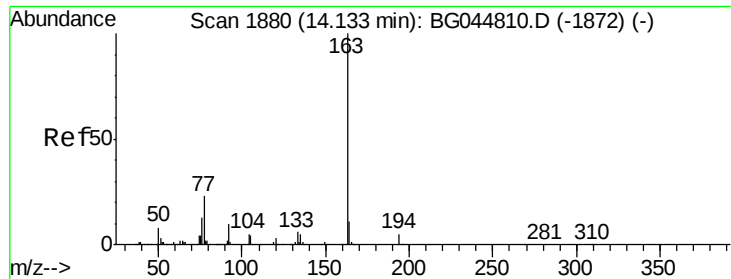
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 77.8  | 116.6 |
| 141     | 37.5  | 29.5  | 44.3  |



#45  
 2-Fluorobiphenyl  
 Concen: 82.803 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.00 min  
 Lab File: BG044847.D  
 Acq: 18 Mar 2020 00:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.0  | 28.7  | 43.1  |
| 170     | 24.4  | 19.0  | 28.6  |

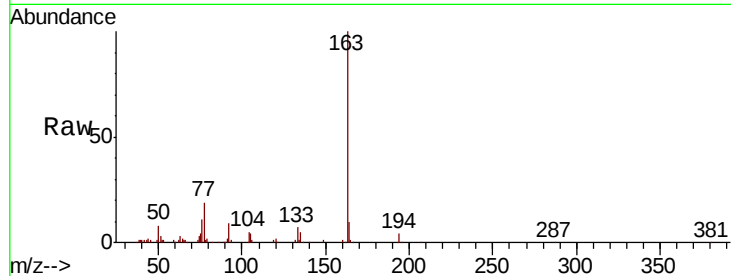




#50  
Dimethylphthalate  
Concen: 4.614 ng  
RT: 14.13 min Scan# 1878  
Delta R.T. -0.01 min  
Lab File: BG044847.D  
Acq: 18 Mar 2020 00:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-SA

| Tot Ion   | 163   | Resp  | 94605 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.8   | 3.7   | 5.5   |
| 164       | 10.0  | 9.1   | 13.7  |

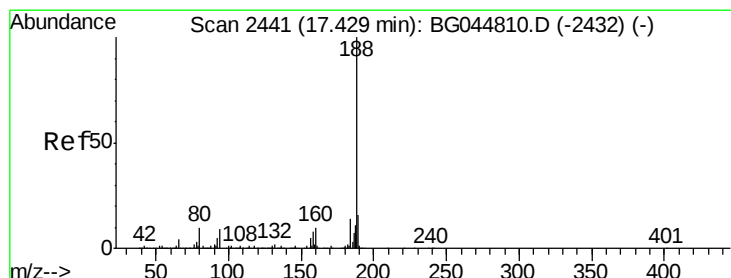
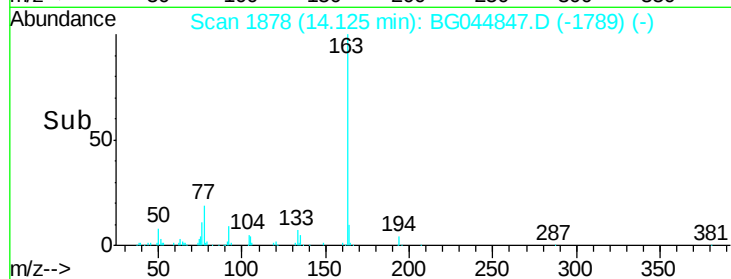
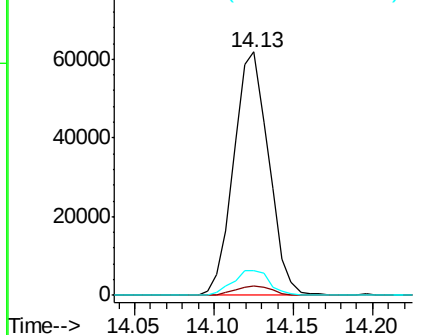


Abundance

Ion 163.00 (162.70 to 163.70): E

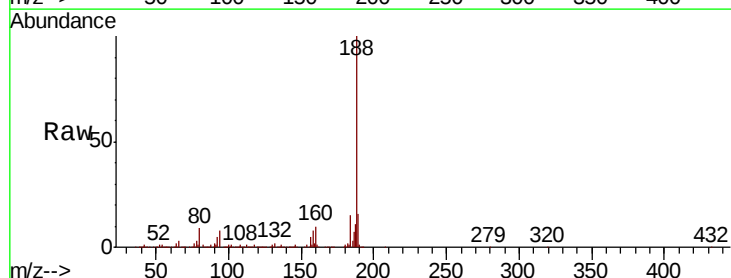
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.01 min  
Lab File: BG044847.D  
Acq: 18 Mar 2020 00:28

| Tgt Ion   | 188   | Resp  | 576671 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.6   | 7.3   | 10.9   |
| 80        | 9.3   | 8.0   | 12.0   |

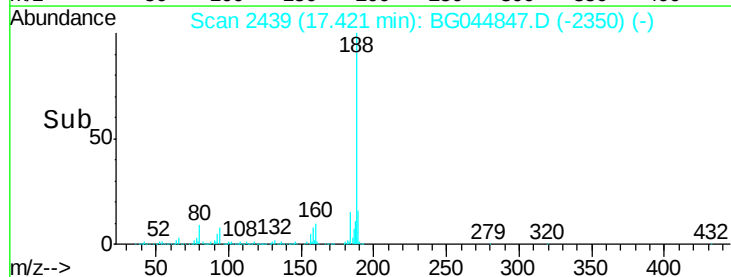
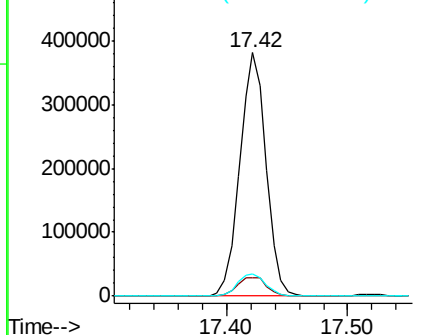


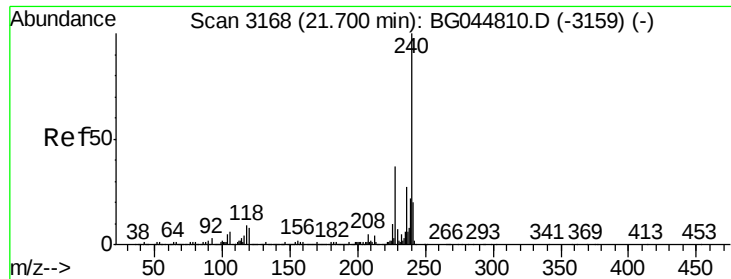
Abundance

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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044847.D

Acq: 18 Mar 2020 00:28

Instrument :

BNA\_G

ClientSampleId :

TP-1-SA

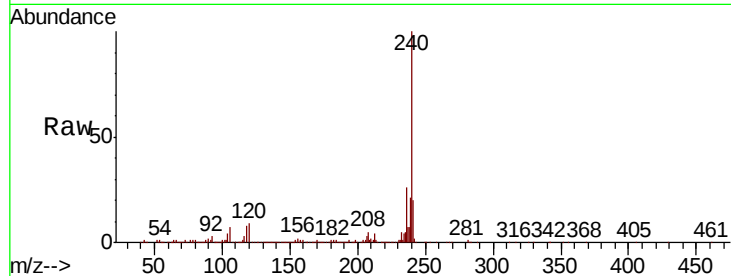
Tot Ion:240 Resp: 510078

Ion Ratio Lower Upper

240 100

120 9.0 6.7 10.1

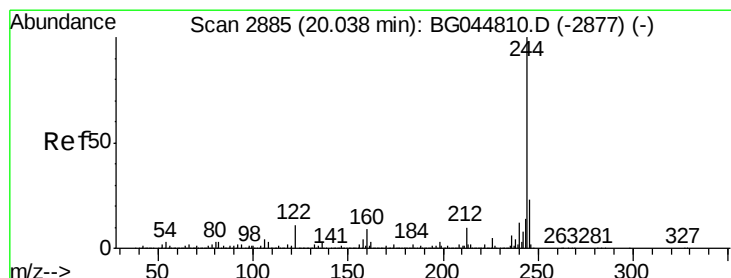
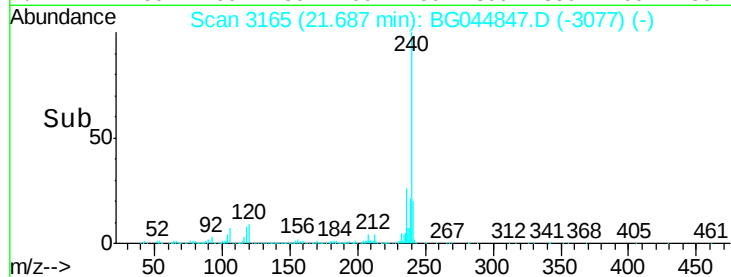
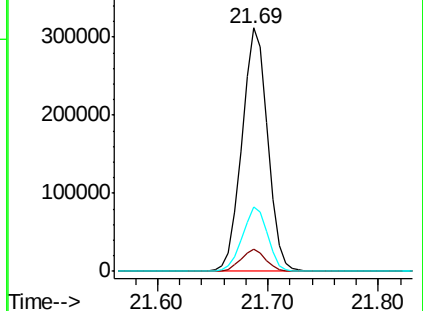
236 26.3 21.5 32.3



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: 86.371 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044847.D

Acq: 18 Mar 2020 00:28

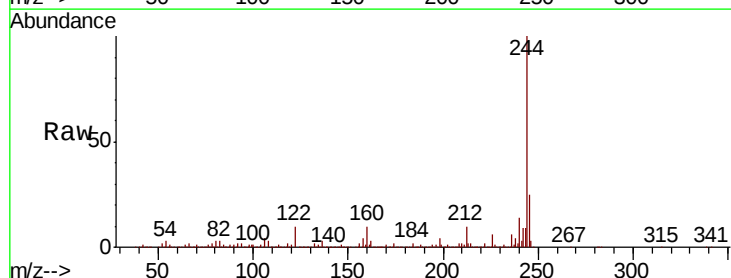
Tgt Ion:244 Resp: 2355240

Ion Ratio Lower Upper

244 100

212 10.1 7.7 11.5

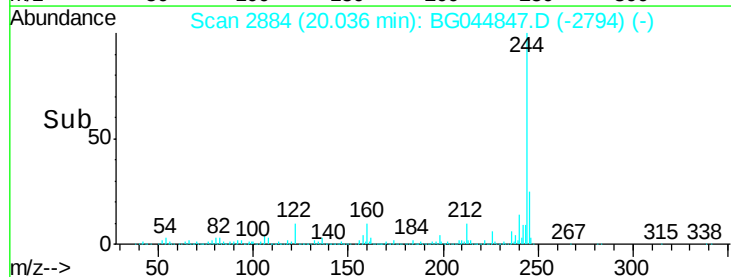
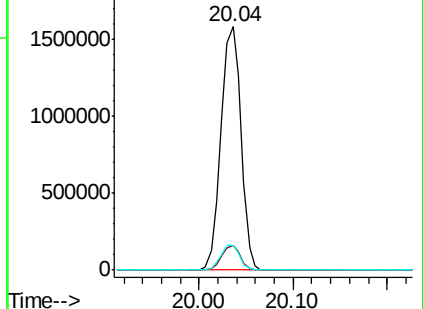
122 10.3 8.6 12.8

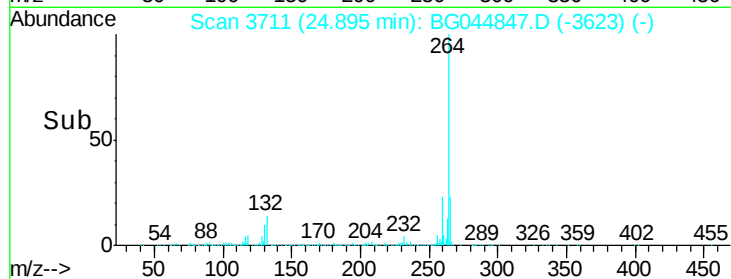
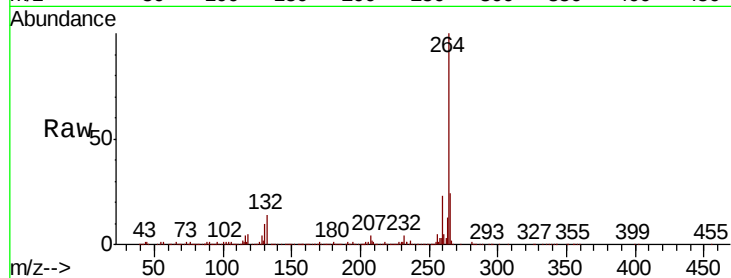
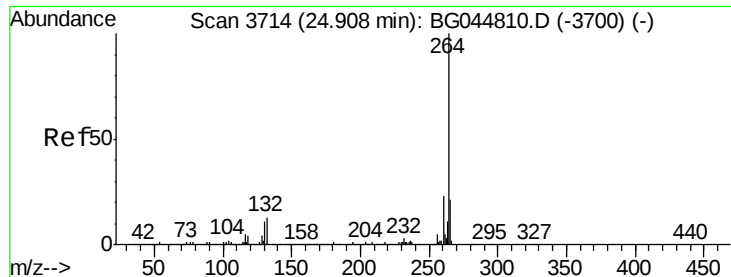


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.90 min Scan# 3711  
Delta R.T. -0.01 min  
Lab File: BG044847.D  
Acq: 18 Mar 2020 00:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-SA

Tot Ion: 264 Resp: 571645  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.1  | 27.1  |
| 265 | 23.6  | 17.1  | 25.7  |

