

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101220\  
 Data File : BG046863.D  
 Acq On : 13 Oct 2020 5:09  
 Operator : CG/JU  
 Sample : L4339-06  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 QUAD-6

Quant Time: Oct 13 05:56:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 07 11:38:17 2020  
 Response via : Initial Calibration

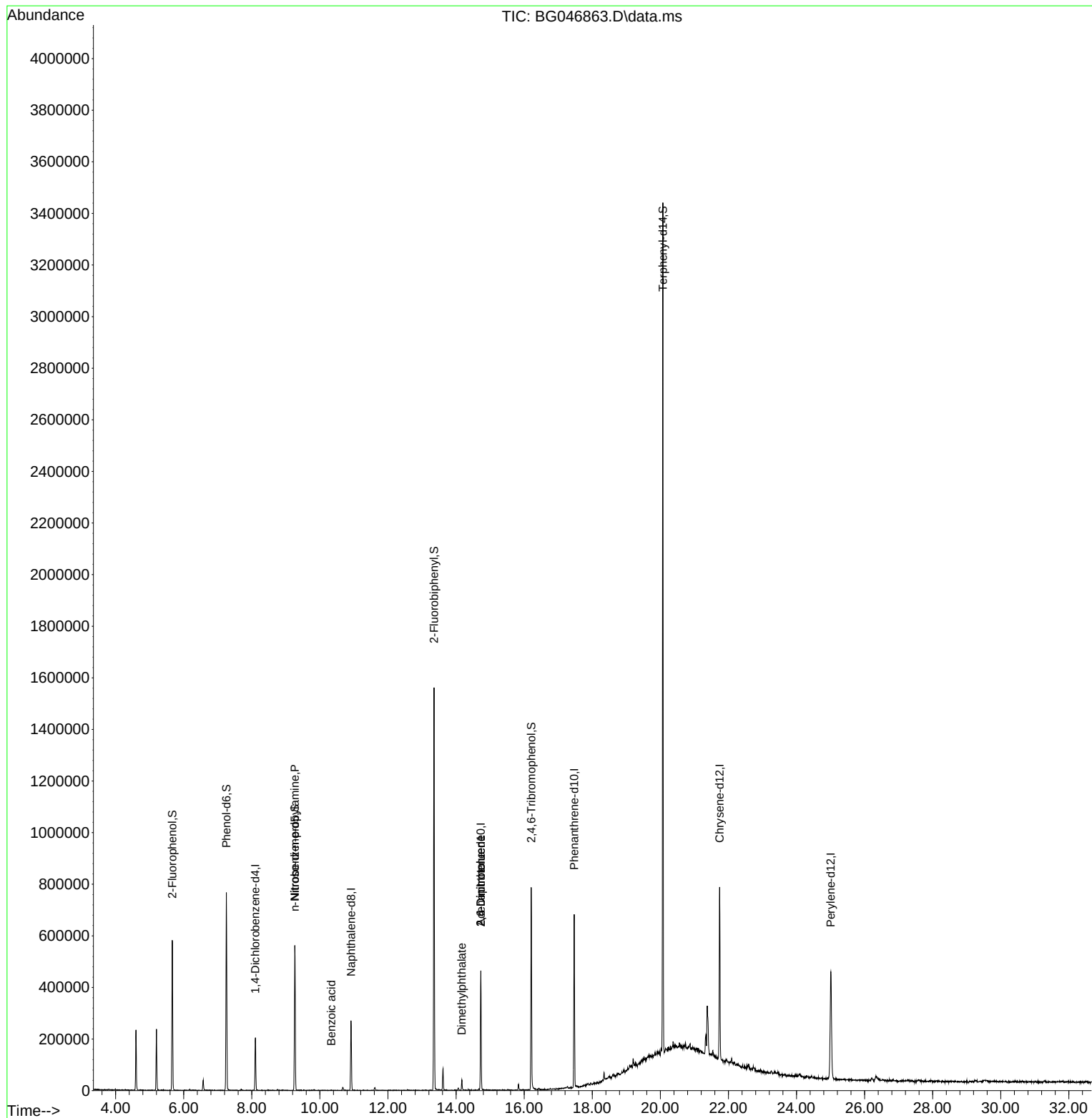
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.105  | 152  | 55971    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.914 | 136  | 224545   | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.727 | 164  | 163355   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.471 | 188  | 437508   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.742 | 240  | 439432   | 20.00     | ng    | #-0.01   |
| 86) Perylene-d12              | 25.009 | 264  | 473146   | 20.00     | ng    | -0.02    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.667  | 112  | 242619   | 69.44     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.254  | 99   | 409975   | 83.19     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.263  | 82   | 328798   | 77.90     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.208 | 330  | 156200   | 72.52     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.352 | 172  | 795592   | 68.95     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.074 | 244  | 1406486  | 64.15     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.248  | 77   | 921      | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 9.269  | 70   | 47708    | 14.12     | ng    | # 78     |
| 32) Benzoic acid              | 10.332 | 122  | 74       | 6.37      | ng    | # 1      |
| 50) Dimethylphthalate         | 14.169 | 163  | 26372    | 2.02      | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.727 | 165  | 21081    | 9.94      | ng    | # 33     |
| 57) 2,4-Dinitrotoluene        | 14.727 | 165  | 21081    | 7.51      | ng    | # 32     |
| -----                         |        |      |          |           |       |          |

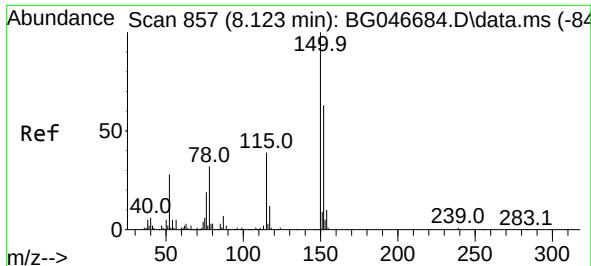
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101220\  
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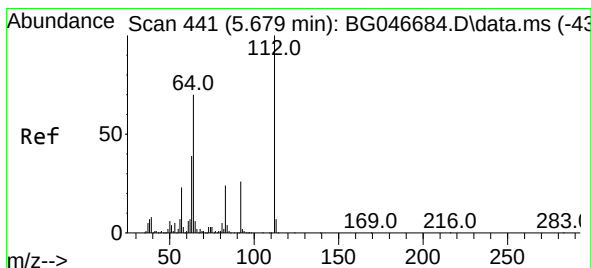
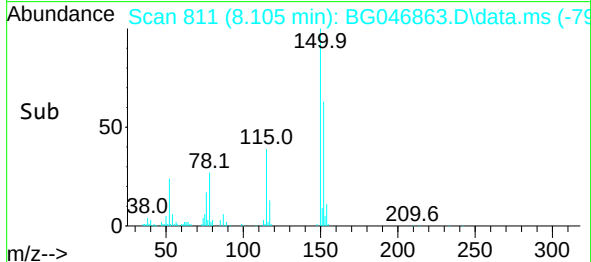
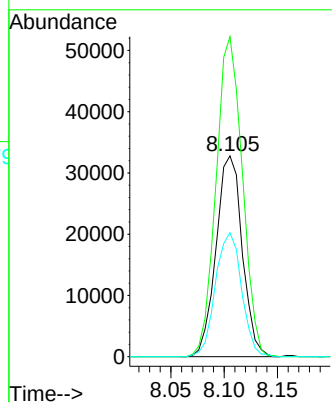
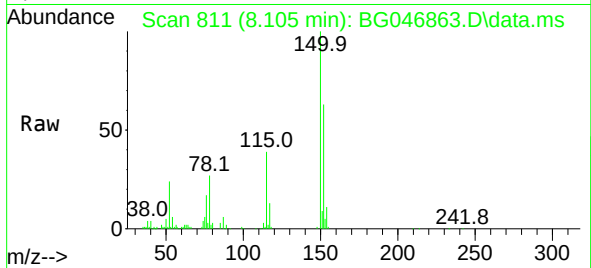




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.105 min Scan# 811  
Delta R.T. -0.003 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

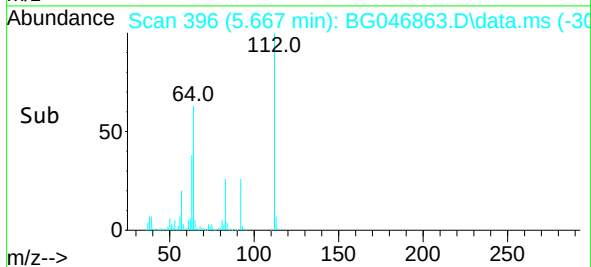
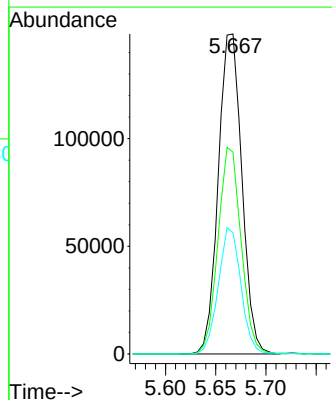
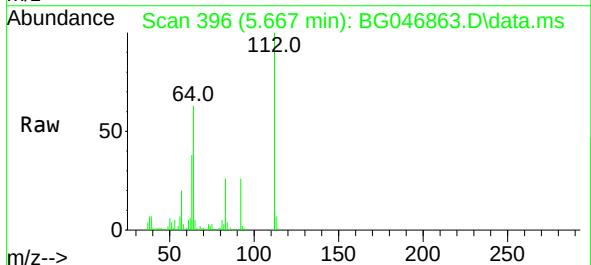
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

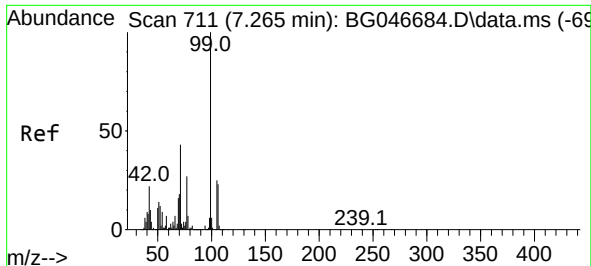
Tgt Ion:152 Resp: 55971  
Ion Ratio Lower Upper  
152 100  
150 159.4 125.0 187.6  
115 61.8 41.8 62.6



#5  
2-Fluorophenol  
Concen: 69.44 ng  
RT: 5.667 min Scan# 396  
Delta R.T. -0.002 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Tgt Ion:112 Resp: 242619  
Ion Ratio Lower Upper  
112 100  
64 63.1 46.7 70.1  
63 37.9 22.8 34.2#

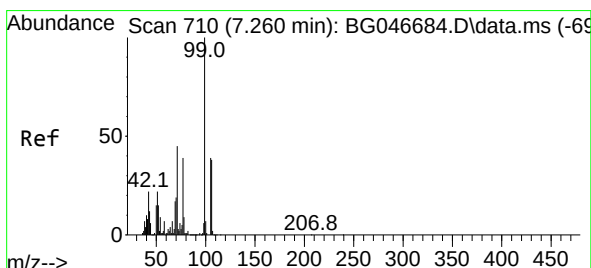
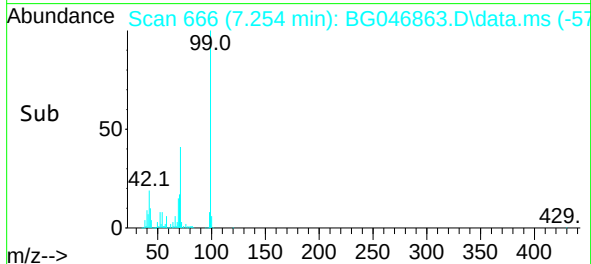
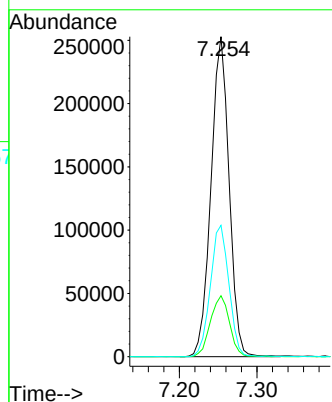
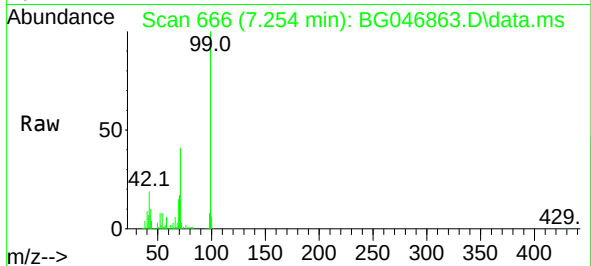




#7  
Phenol-d6  
Concen: 83.19 ng  
RT: 7.254 min Scan# 666  
Delta R.T. -0.002 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

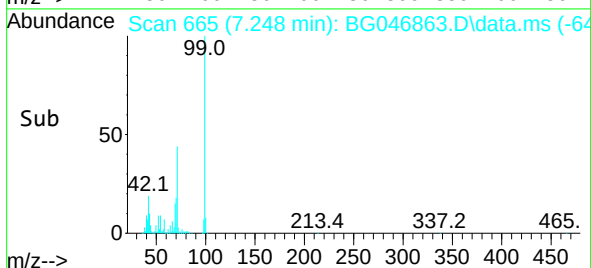
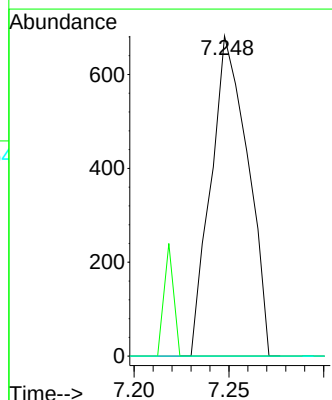
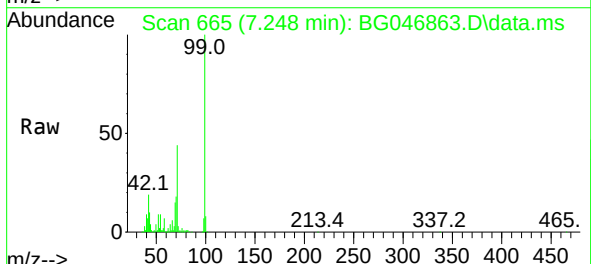
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

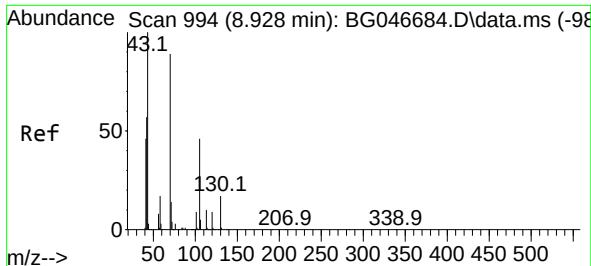
Tgt Ion: 99 Resp: 409975  
Ion Ratio Lower Upper  
99 100  
42 19.0 12.8 19.2  
71 41.1 24.6 36.8#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.248 min Scan# 665  
Delta R.T. 0.004 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

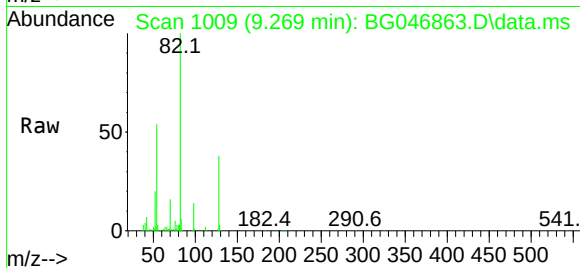
Tgt Ion: 77 Resp: 921  
Ion Ratio Lower Upper  
77 100  
105 0.0 85.9 125.9#  
106 0.0 80.9 120.9#



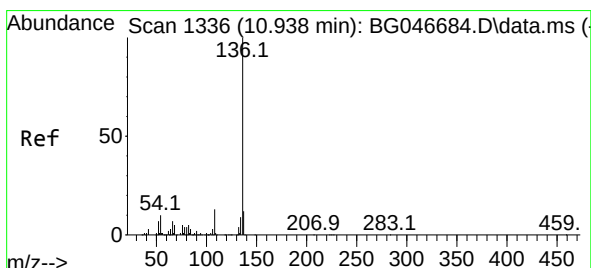
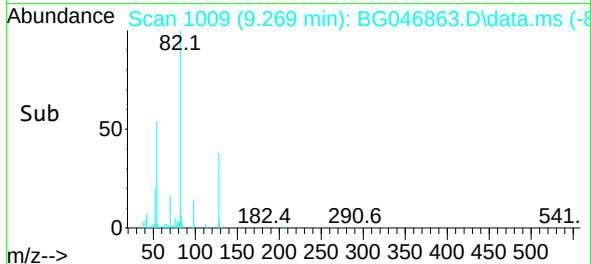
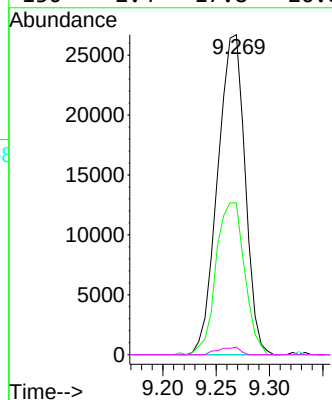


#19  
n-Nitroso-di-n-propylamine  
Concen: 14.12 ng  
RT: 9.269 min Scan# 1009  
Delta R.T. 0.356 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Instrument :  
BNA\_G  
ClientSampled :  
QUAD-6

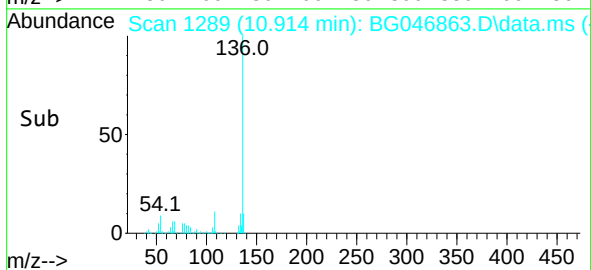
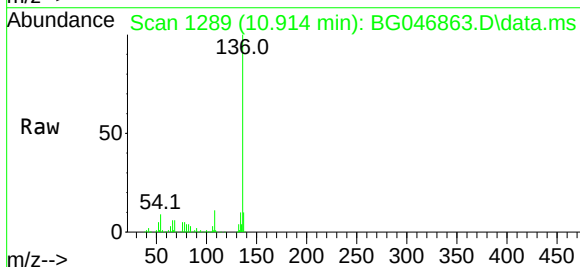
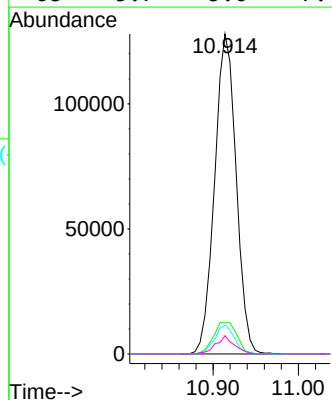


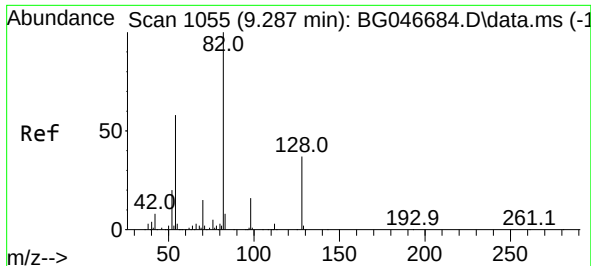
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.4  | 45.6  | 68.4  |
| 101     | 0.0   | 8.4   | 12.6# |
| 130     | 2.4   | 17.8  | 26.8# |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.914 min Scan# 1289  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 9.7   | 9.1   | 13.7  |
| 54      | 9.0   | 6.2   | 9.4   |
| 68      | 5.7   | 5.0   | 7.4   |

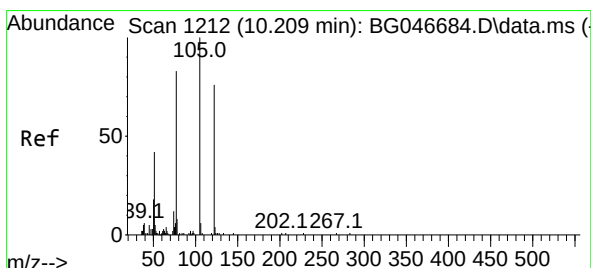
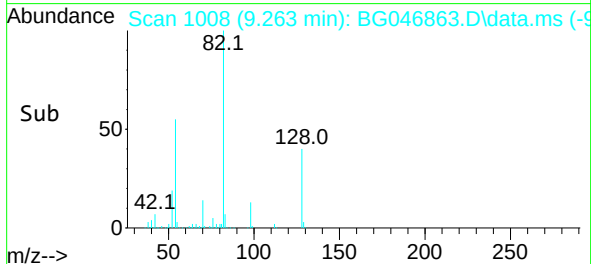
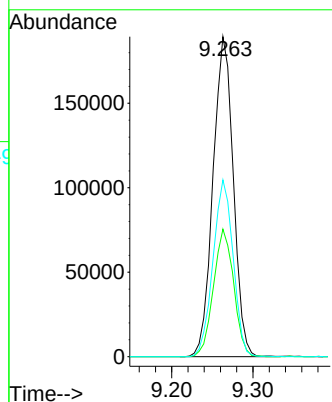
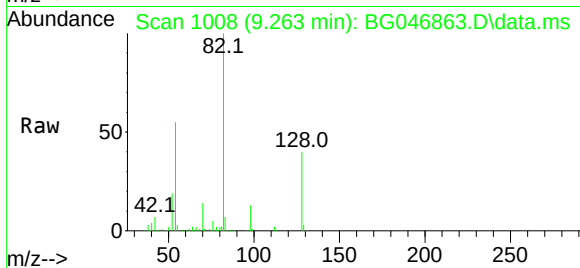




#23  
Nitrobenzene-d5  
Concen: 77.90 ng  
RT: 9.263 min Scan# 1008  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

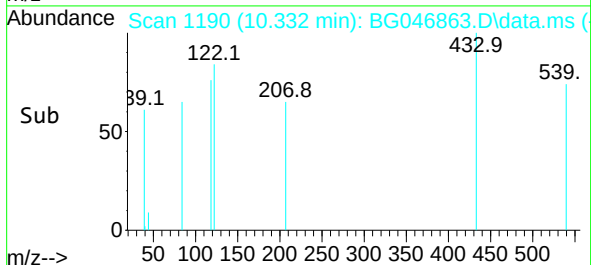
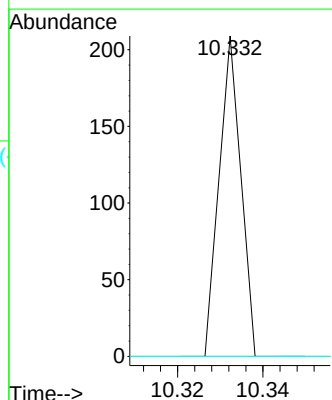
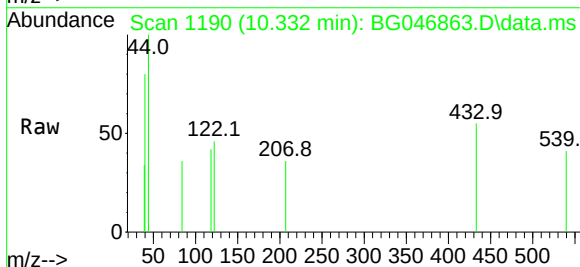
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

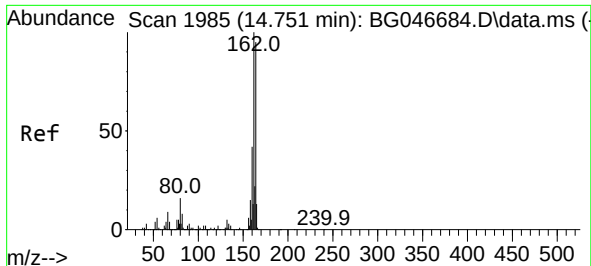
Tgt Ion: 82 Resp: 328798  
Ion Ratio Lower Upper  
82 100  
128 39.9 37.0 55.6  
54 55.3 39.0 58.4



#32  
Benzoic acid  
Concen: 6.37 ng  
RT: 10.332 min Scan# 1190  
Delta R.T. 0.139 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Tgt Ion:122 Resp: 74  
Ion Ratio Lower Upper  
122 100  
105 0.0 103.7 143.7#  
77 0.0 63.0 103.0#

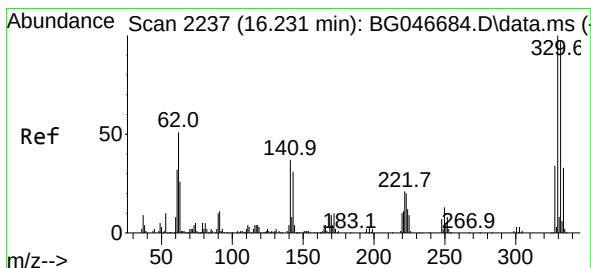
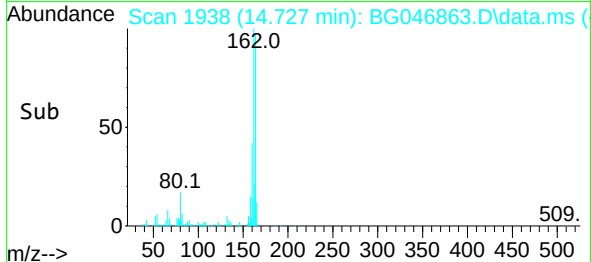
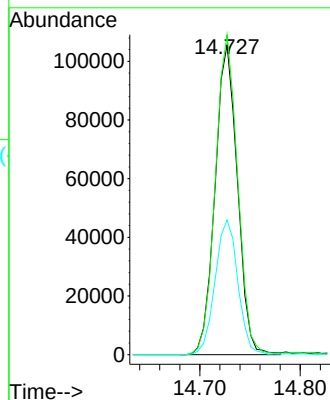
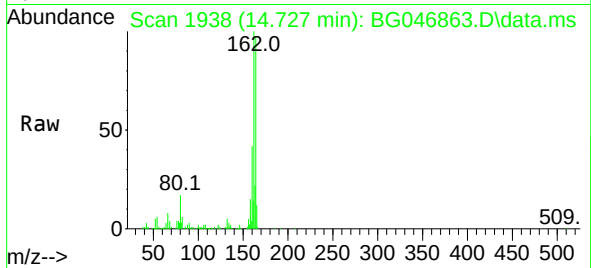




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.727 min Scan# 1938  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

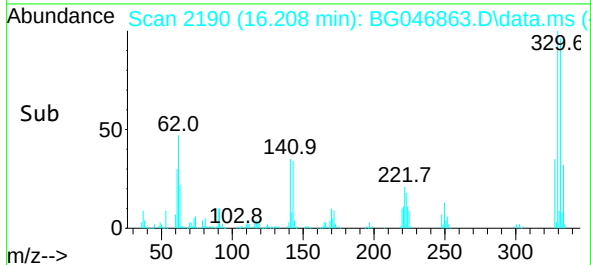
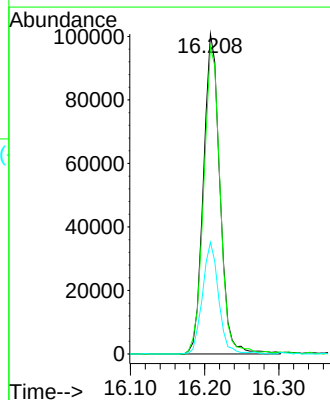
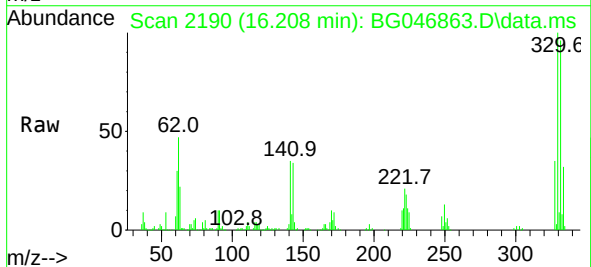
Instrument :  
BNA\_G  
ClientSampleId :  
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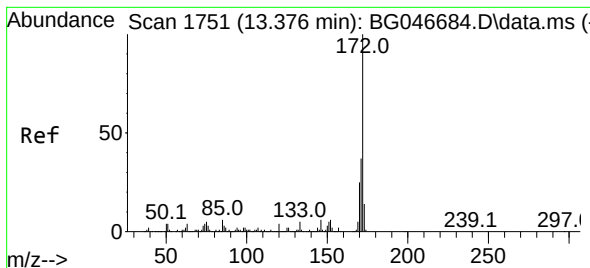
Tgt Ion:164 Resp: 163355  
Ion Ratio Lower Upper  
164 100  
162 103.3 82.3 123.5  
160 43.4 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 72.52 ng  
RT: 16.208 min Scan# 2190  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Tgt Ion:330 Resp: 156200  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.5 114.7  
141 33.9 26.0 39.0

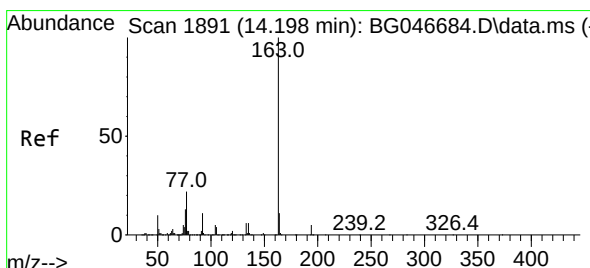
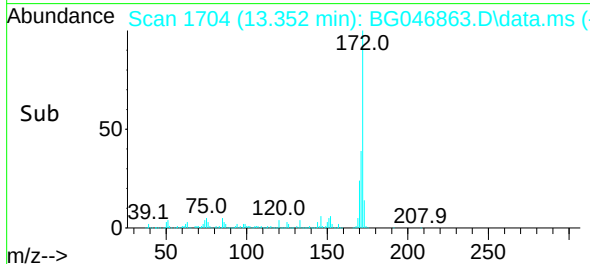
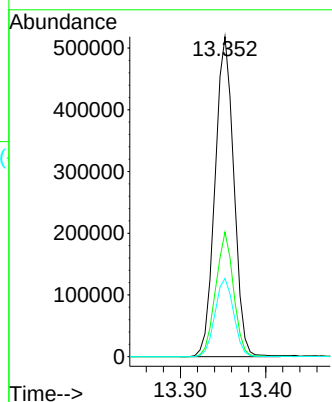
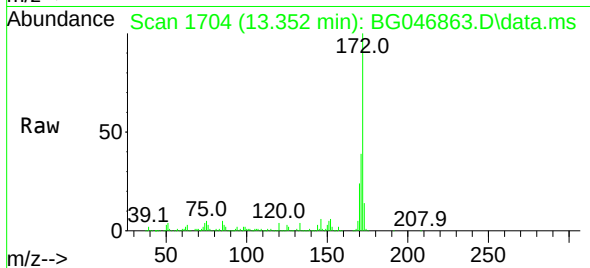




#45  
2-Fluorobiphenyl  
Concen: 68.95 ng  
RT: 13.352 min Scan# 1704  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

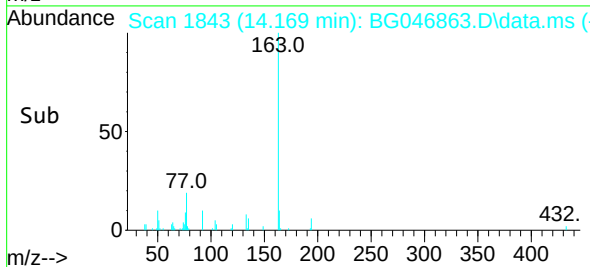
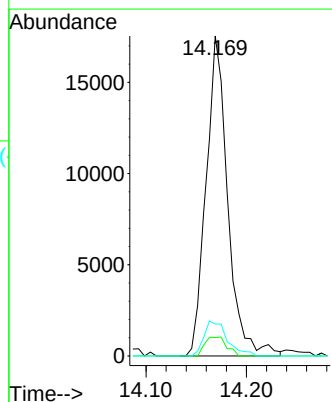
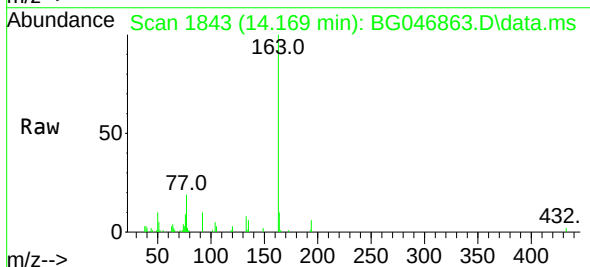
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 795592 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 38.9  | 31.3  | 46.9   |
| 170       | 24.4  | 20.8  | 31.2   |

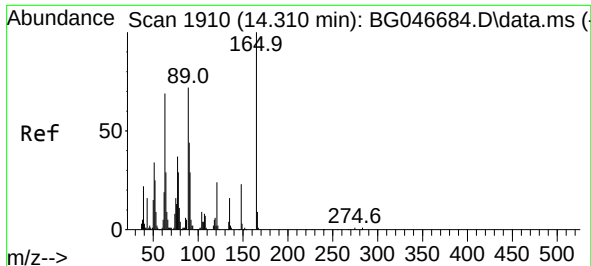


#50  
Dimethylphthalate  
Concen: 2.02 ng  
RT: 14.169 min Scan# 1843  
Delta R.T. -0.014 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 26372 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 5.7   | 3.8   | 5.8   |
| 164       | 10.0  | 8.8   | 13.2  |



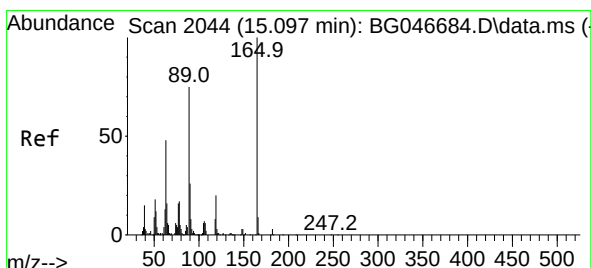
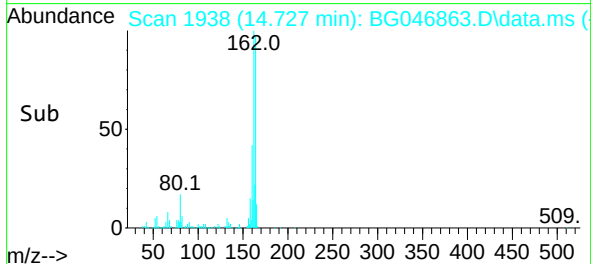
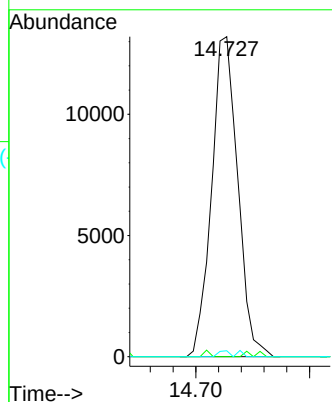
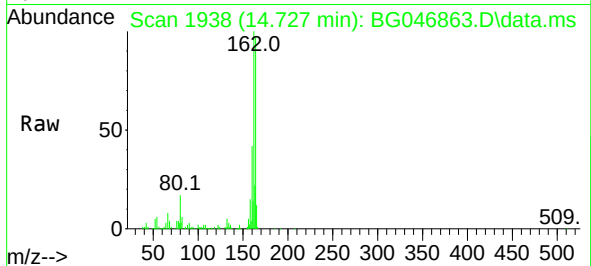




#51  
2,6-Dinitrotoluene  
Concen: 9.94 ng  
RT: 14.727 min Scan# 1938  
Delta R.T. 0.427 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

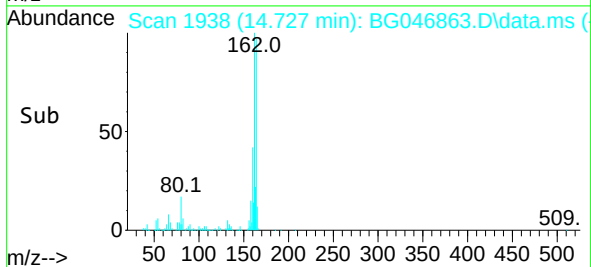
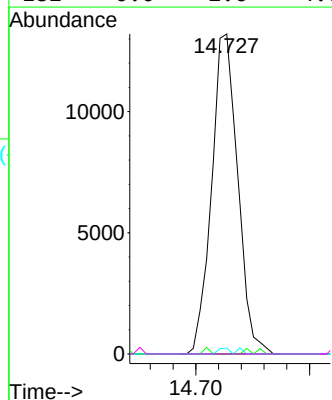
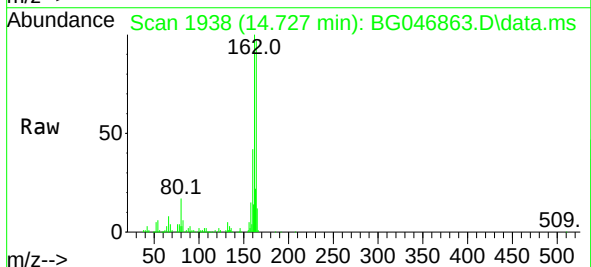
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

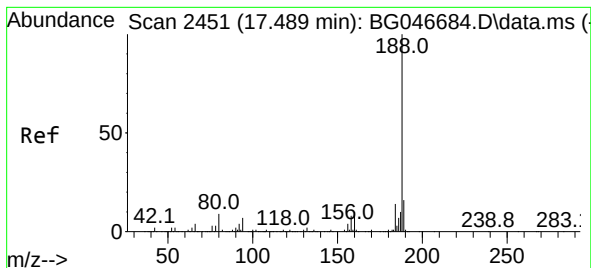
Tgt Ion:165 Resp: 21081  
Ion Ratio Lower Upper  
165 100  
63 0.0 33.7 50.5#  
89 1.8 36.6 54.8#



#57  
2,4-Dinitrotoluene  
Concen: 7.51 ng  
RT: 14.727 min Scan# 1938  
Delta R.T. -0.355 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Tgt Ion:165 Resp: 21081  
Ion Ratio Lower Upper  
165 100  
63 0.0 26.4 39.6#  
89 1.8 47.8 71.8#  
182 0.0 2.6 4.0#

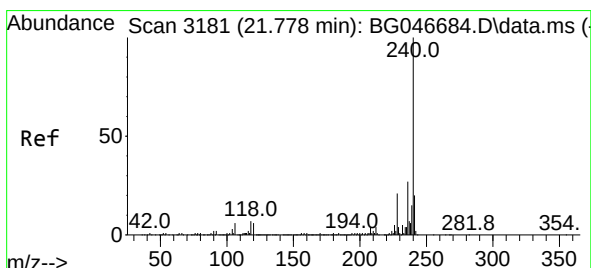
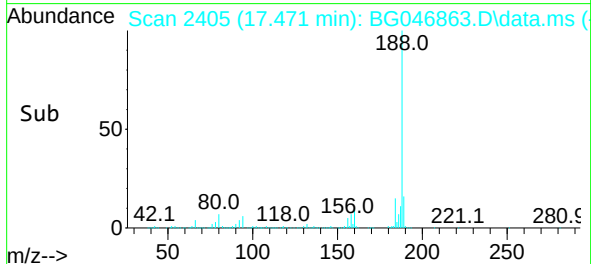
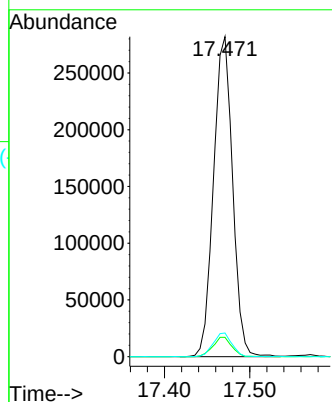
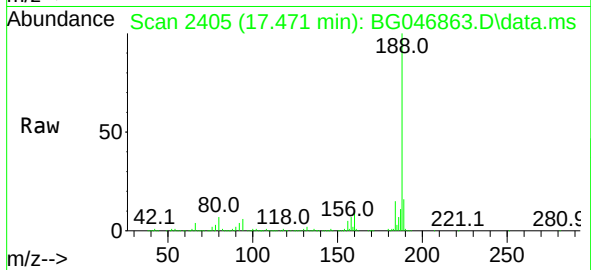




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.471 min Scan# 2405  
Delta R.T. -0.008 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

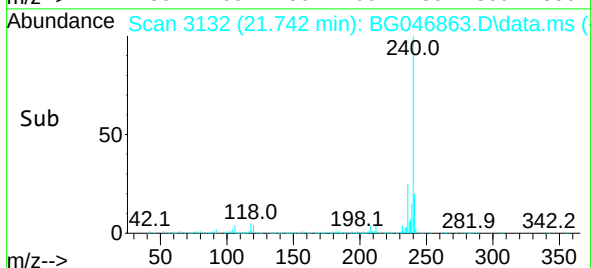
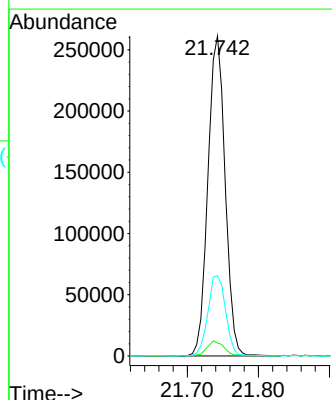
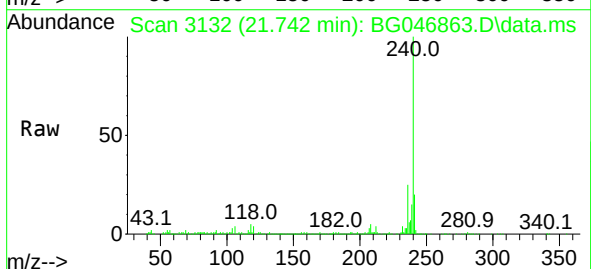
Instrument :  
BNA\_G  
ClientSampleId :  
QUAD-6

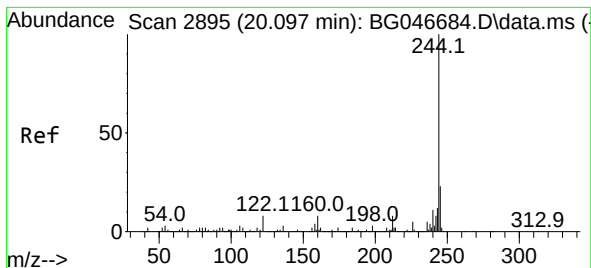
Tgt Ion:188 Resp: 437508  
Ion Ratio Lower Upper  
188 100  
94 6.1 6.3 9.5#  
80 7.4 7.0 10.6



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.742 min Scan# 3132  
Delta R.T. -0.014 min  
Lab File: BG046863.D  
Acq: 13 Oct 2020 5:09

Tgt Ion:240 Resp: 439432  
Ion Ratio Lower Upper  
240 100  
120 4.1 6.2 9.4#  
236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 64.15 ng

RT: 20.074 min Scan# 2848

Delta R.T. -0.008 min

Lab File: BG046863.D

Acq: 13 Oct 2020 5:09

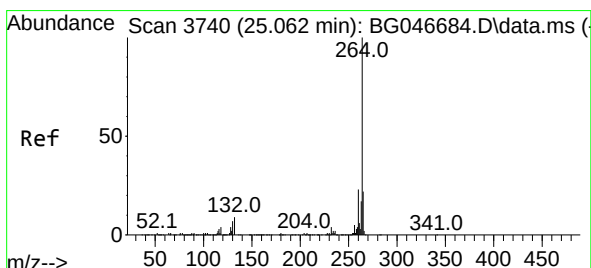
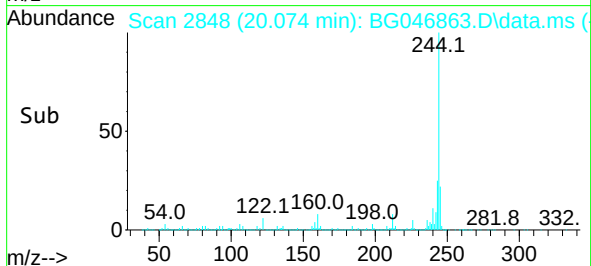
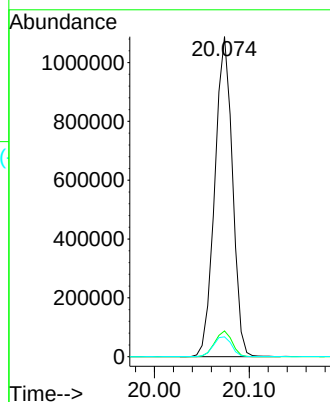
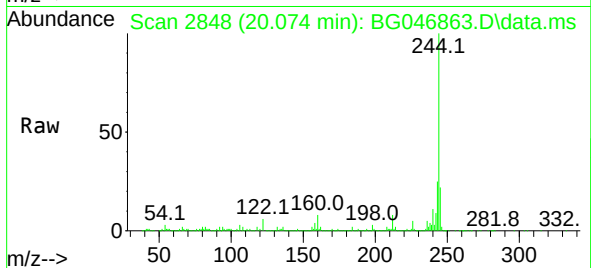
Tgt Ion:244 Resp: 1406486

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 6.2 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.009 min Scan# 3688

Delta R.T. -0.020 min

Lab File: BG046863.D

Acq: 13 Oct 2020 5:09

Tgt Ion:264 Resp: 473146

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 20.8 17.8 26.8

