

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110520\  
 Data File : BG047226.D  
 Acq On : 5 Nov 2020 19:41  
 Operator : CG/JU  
 Sample : PB132852BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB132852BL

Quant Time: Nov 06 02:18:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 04 16:19:40 2020  
 Response via : Initial Calibration

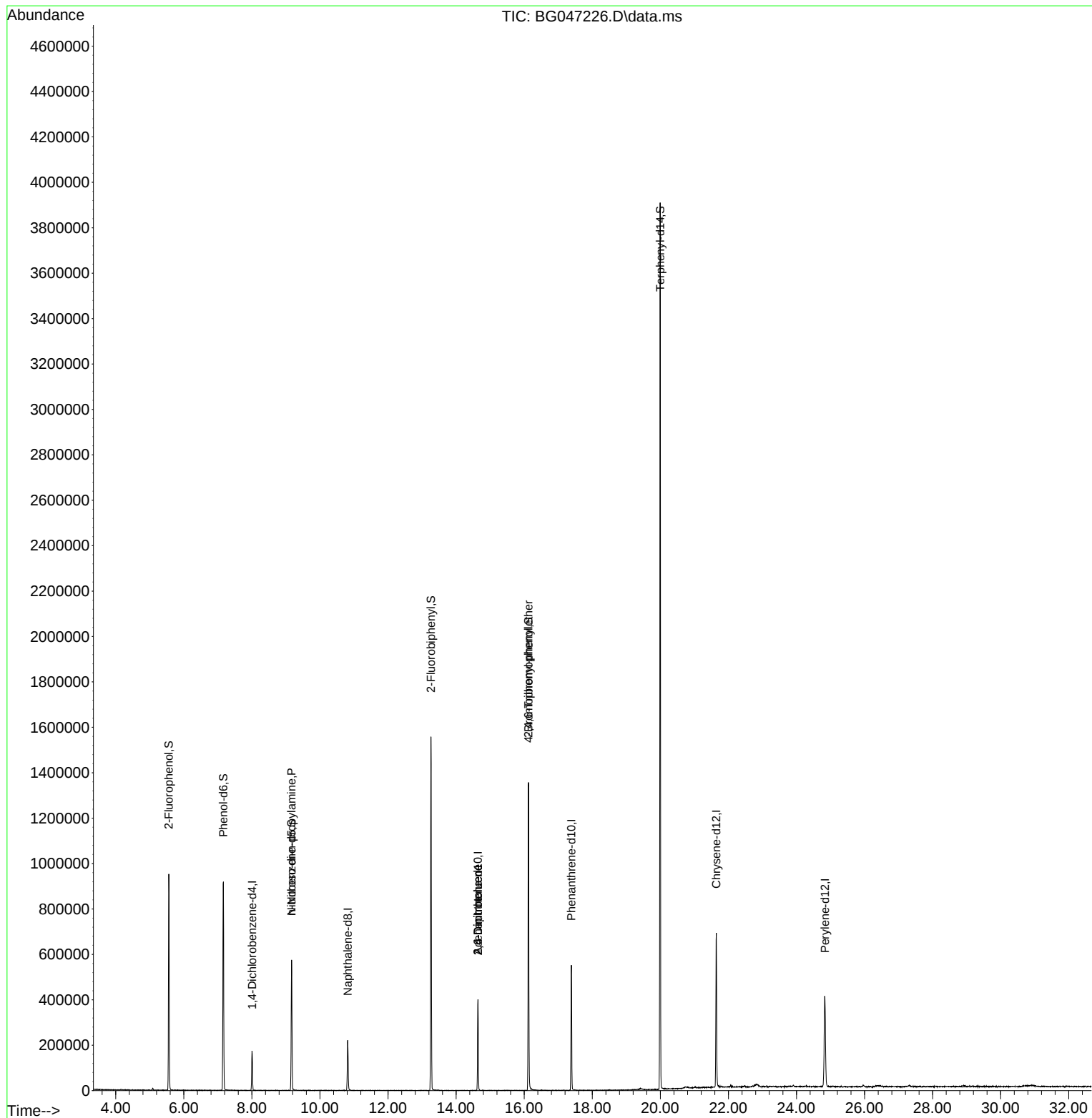
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.009  | 152  | 47053    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.817 | 136  | 192983   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.642 | 164  | 138415   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.386 | 188  | 368727   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.646 | 240  | 442921   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.836 | 264  | 444100   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.559  | 112  | 377904   | 130.18 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.163  | 99   | 503337   | 119.78 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.166  | 82   | 340089   | 75.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.129 | 330  | 277038   | 119.52 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.261 | 172  | 802616   | 74.37  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.995 | 244  | 1695839  | 67.33  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.166  | 70   | 48791    | 17.67  | ng    | # 73     |
| 51) 2,6-Dinitrotoluene        | 14.642 | 165  | 18653    | 7.36   | ng    | # 36     |
| 57) 2,4-Dinitrotoluene        | 14.642 | 165  | 18653    | 5.04   | ng    | # 34     |
| 67) 4-Bromophenyl-phenylether | 16.123 | 248  | 18740    | 3.64   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

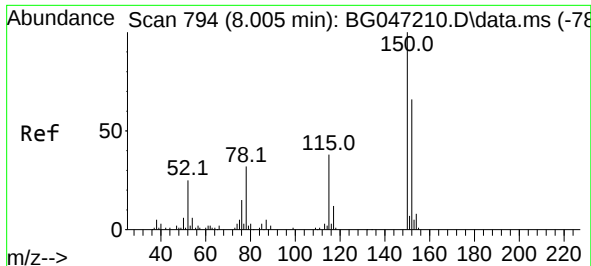
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 04 16:19:40 2020  
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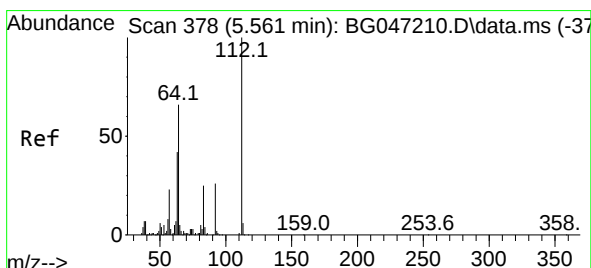
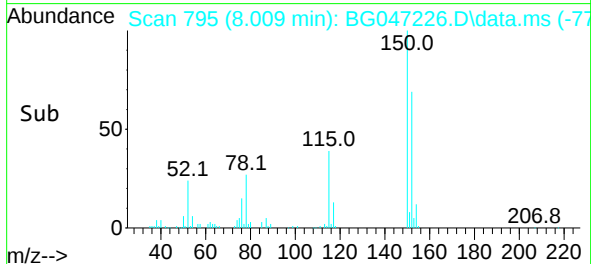
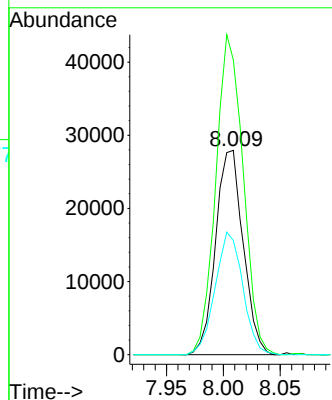
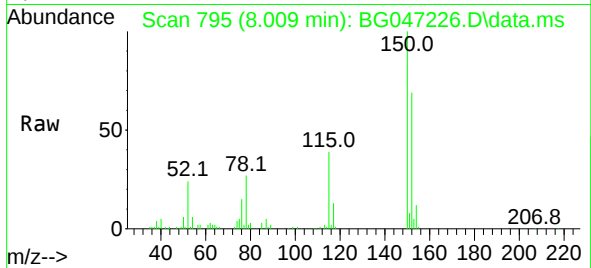




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.009 min Scan# 795  
Delta R.T. 0.004 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

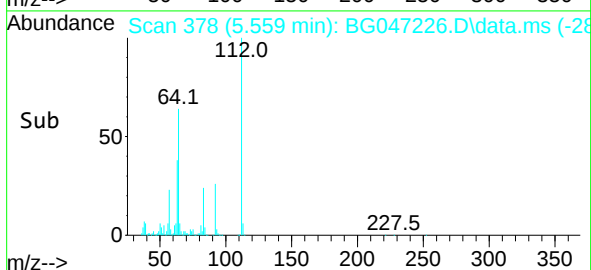
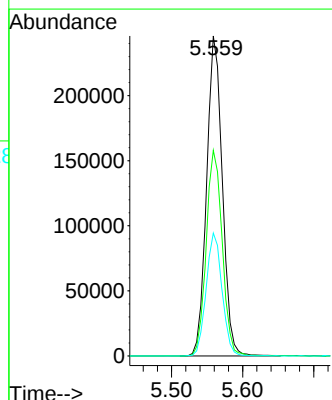
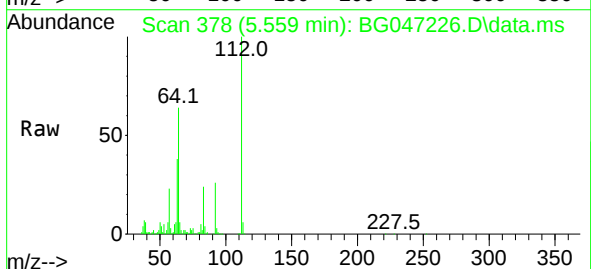
Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

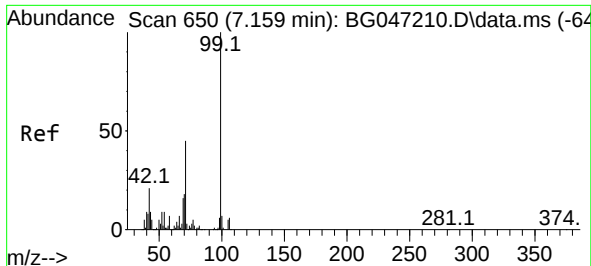
Tgt Ion:152 Resp: 47053  
Ion Ratio Lower Upper  
152 100  
150 144.3 125.0 187.6  
115 55.9 41.8 62.6



#5  
2-Fluorophenol  
Concen: 130.18 ng  
RT: 5.559 min Scan# 378  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Tgt Ion:112 Resp: 377904  
Ion Ratio Lower Upper  
112 100  
64 64.3 46.7 70.1  
63 38.4 22.8 34.2#

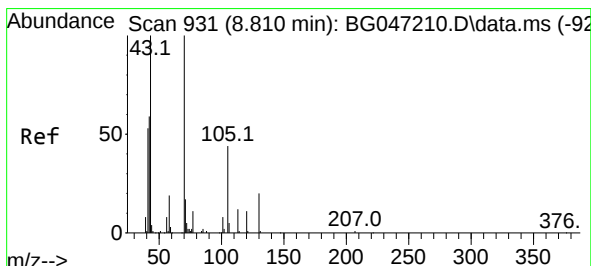
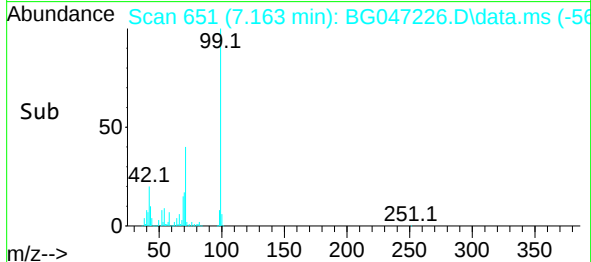
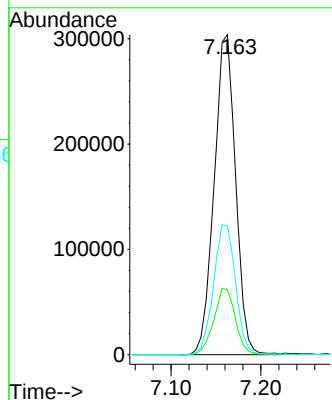
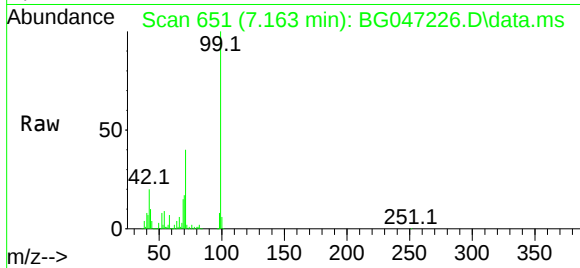




#7  
Phenol-d6  
Concen: 119.78 ng  
RT: 7.163 min Scan# 651  
Delta R.T. 0.004 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

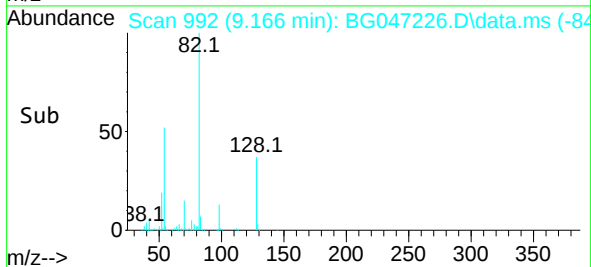
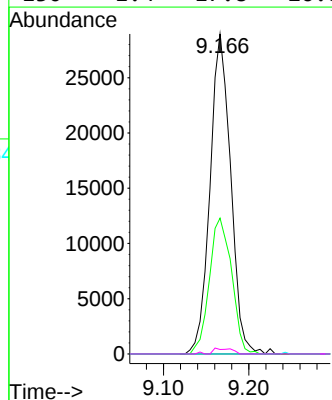
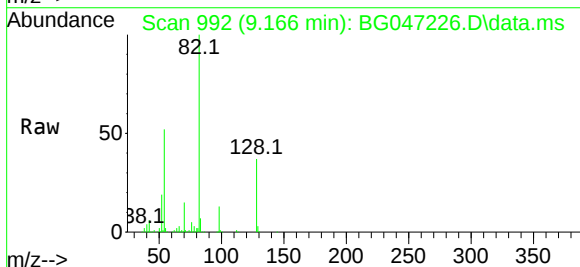
Instrument :  
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ClientSampleId :  
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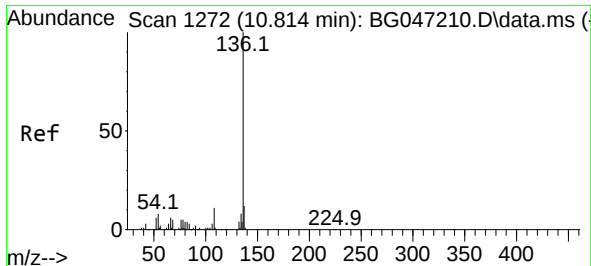
Tgt Ion: 99 Resp: 503337  
Ion Ratio Lower Upper  
99 100  
42 20.3 12.8 19.2#  
71 40.4 24.6 36.8#



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.67 ng  
RT: 9.166 min Scan# 992  
Delta R.T. 0.356 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Tgt Ion: 70 Resp: 48791  
Ion Ratio Lower Upper  
70 100  
42 42.4 45.6 68.4#  
101 0.0 8.4 12.6#  
130 1.4 17.8 26.8#

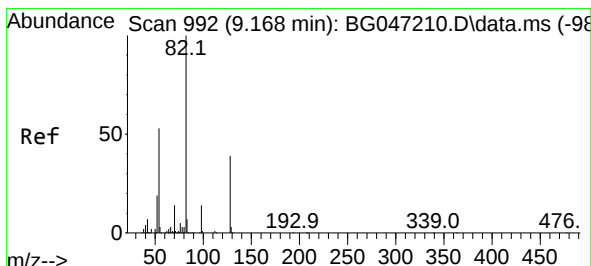
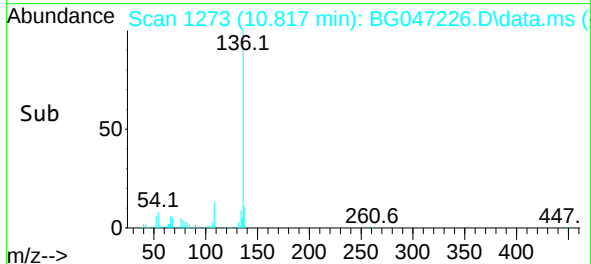
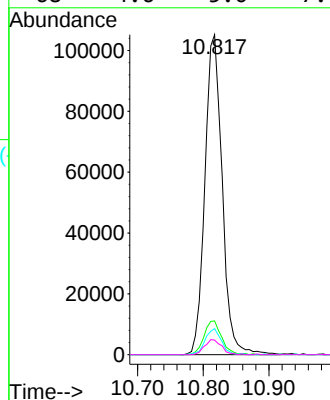
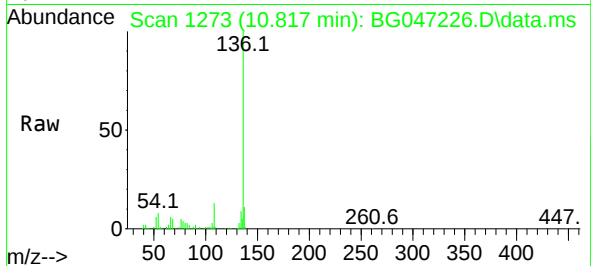




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.817 min Scan# 1273  
Delta R.T. 0.003 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

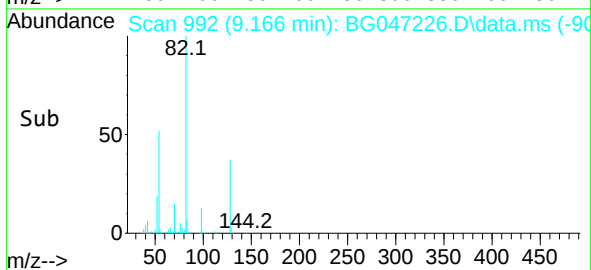
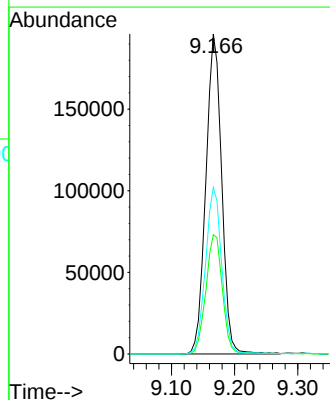
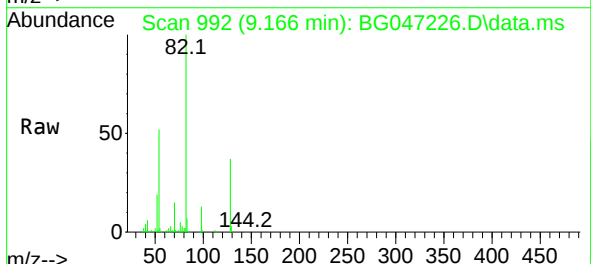
Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

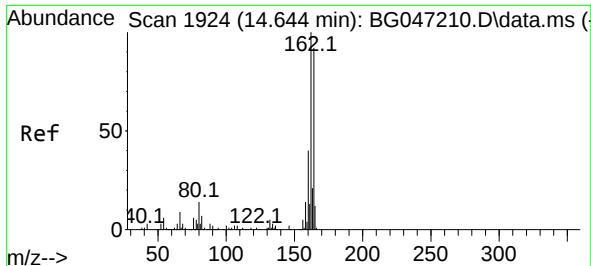
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 192983 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 9.1   | 13.7   |
| 54        | 8.1   | 6.2   | 9.4    |
| 68        | 4.6   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 75.63 ng  
RT: 9.166 min Scan# 992  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 340089 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.2  | 37.0  | 55.6   |
| 54        | 52.1  | 39.0  | 58.4   |

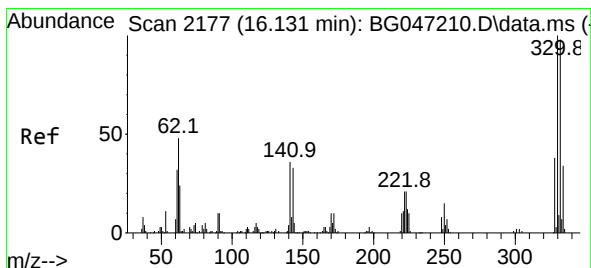
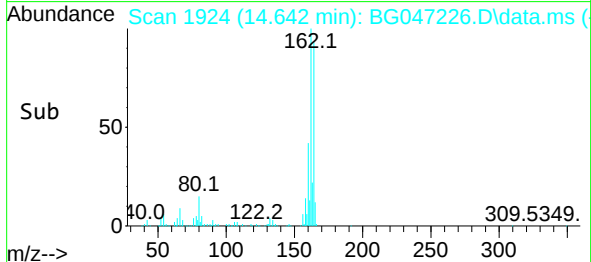
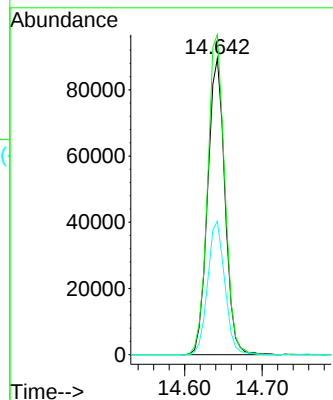
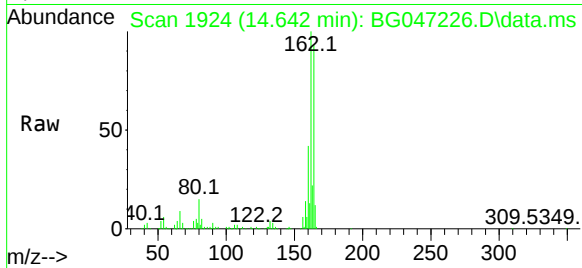




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.642 min Scan# 1924  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

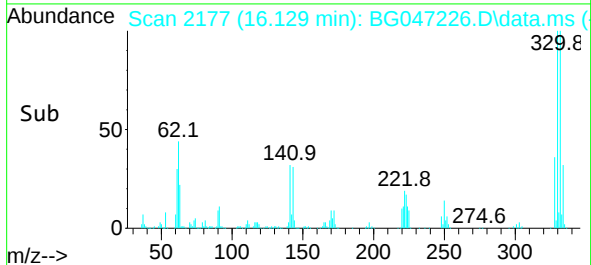
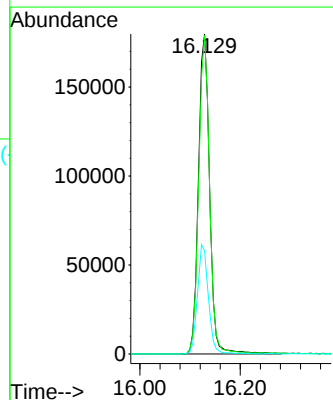
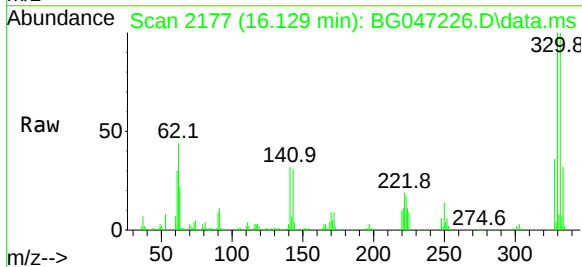
Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

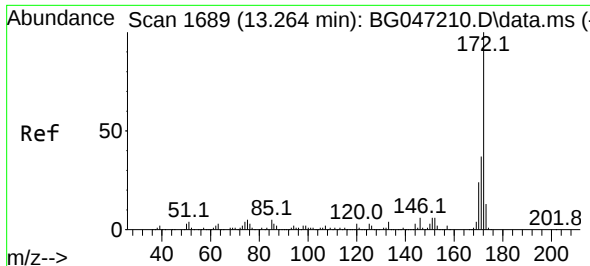
Tgt Ion:164 Resp: 138415  
Ion Ratio Lower Upper  
164 100  
162 108.0 82.3 123.5  
160 45.1 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 119.52 ng  
RT: 16.129 min Scan# 2177  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

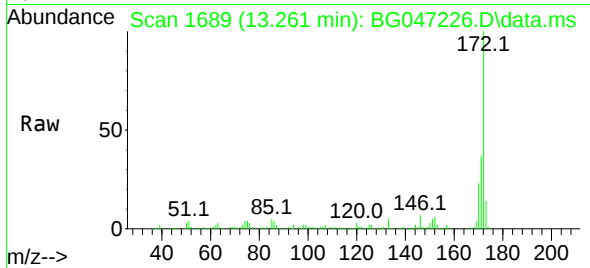
Tgt Ion:330 Resp: 277038  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 33.4 26.0 39.0



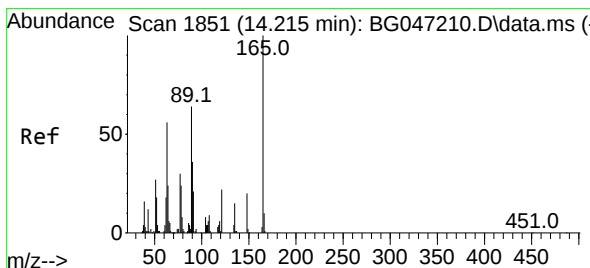
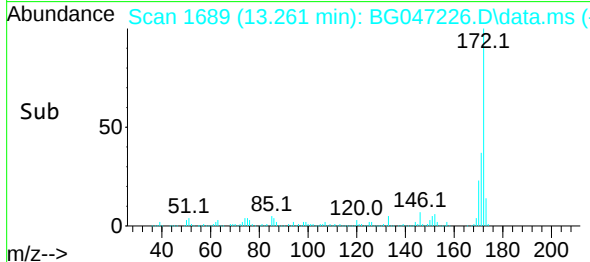
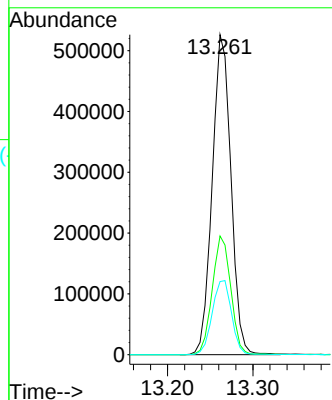


#45  
2-Fluorobiphenyl  
Concen: 74.37 ng  
RT: 13.261 min Scan# 1689  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

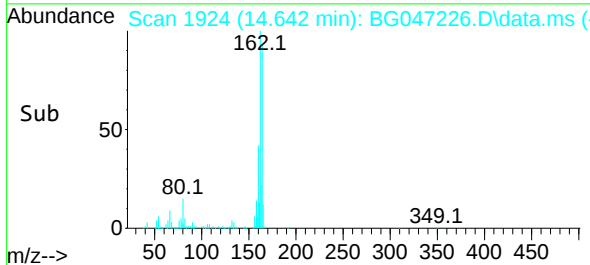
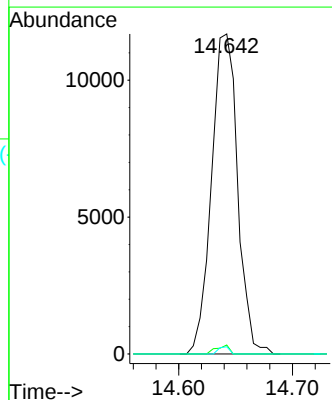
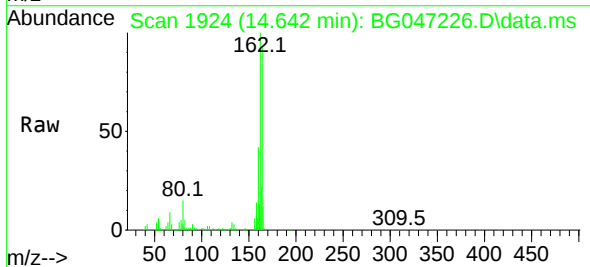


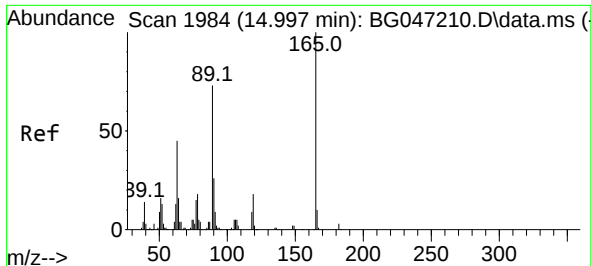
Tgt Ion:172 Resp: 802616  
Ion Ratio Lower Upper  
172 100  
171 37.1 31.3 46.9  
170 22.8 20.8 31.2



#51  
2,6-Dinitrotoluene  
Concen: 7.36 ng  
RT: 14.642 min Scan# 1924  
Delta R.T. 0.427 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

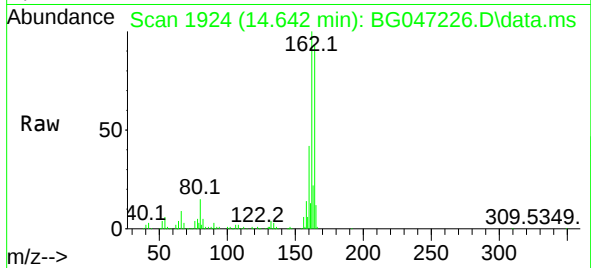
Tgt Ion:165 Resp: 18653  
Ion Ratio Lower Upper  
165 100  
63 2.8 33.7 50.5#  
89 2.2 36.6 54.8#



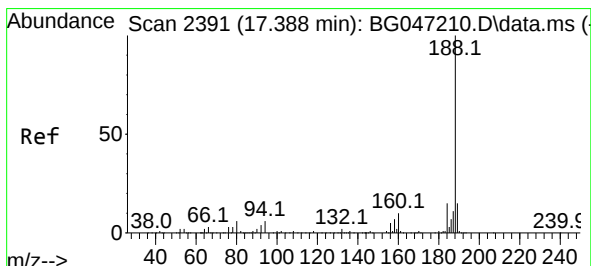
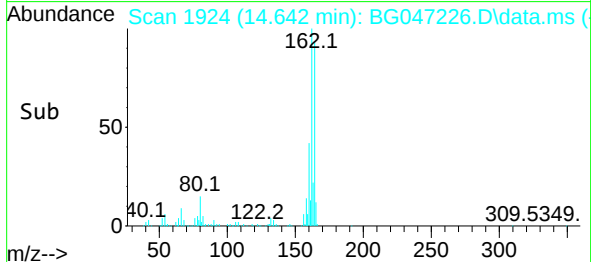
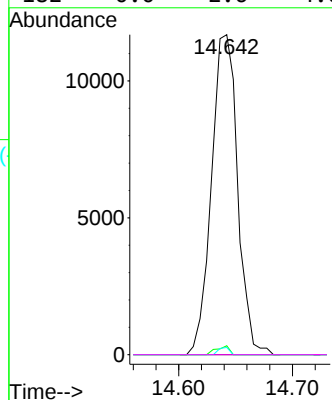


#57  
2,4-Dinitrotoluene  
Concen: 5.04 ng  
RT: 14.642 min Scan# 1924  
Delta R.T. -0.355 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

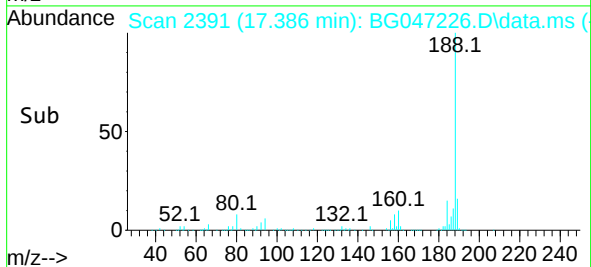
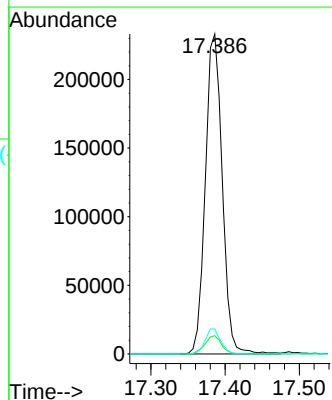
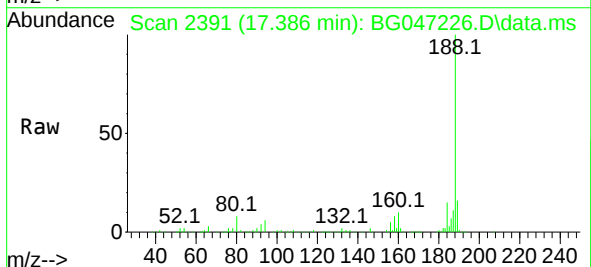


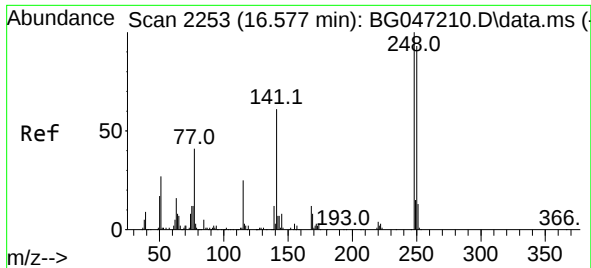
Tgt Ion:165 Resp: 18653  
Ion Ratio Lower Upper  
165 100  
63 2.8 26.4 39.6#  
89 2.2 47.8 71.8#  
182 0.0 2.6 4.0#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2391  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Tgt Ion:188 Resp: 368727  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.3 9.5#  
80 7.8 7.0 10.6

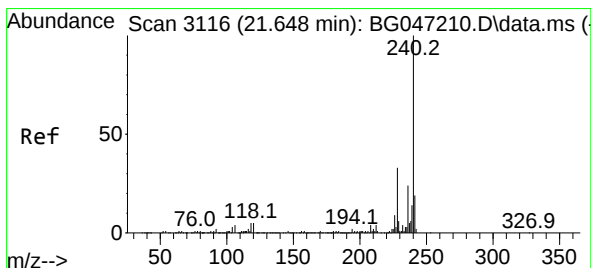
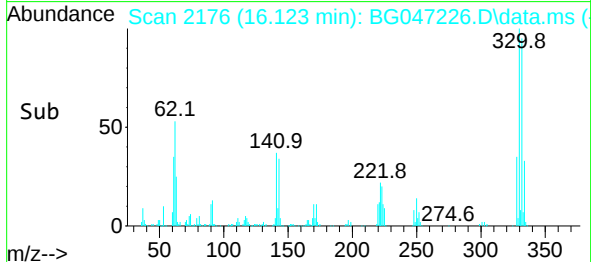
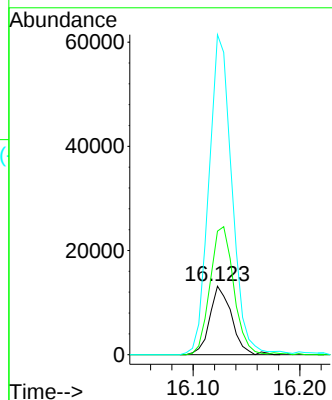
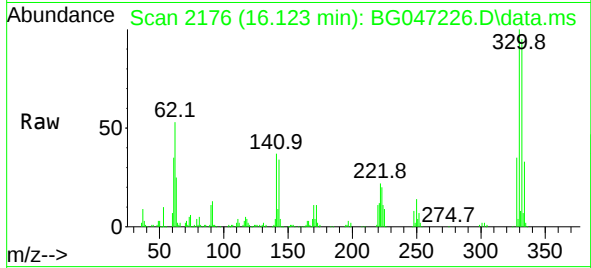




#67  
4-Bromophenyl-phenylether  
Concen: 3.64 ng  
RT: 16.123 min Scan# 2176  
Delta R.T. -0.455 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

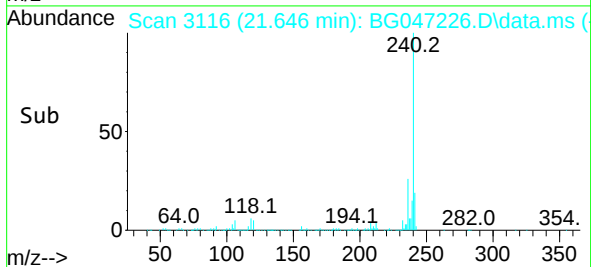
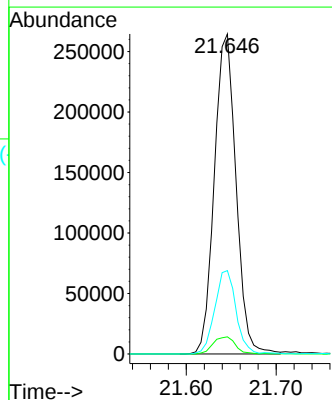
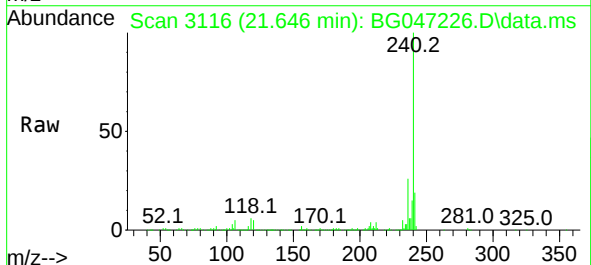
Instrument :  
BNA\_G  
ClientSampleId :  
PB132852BL

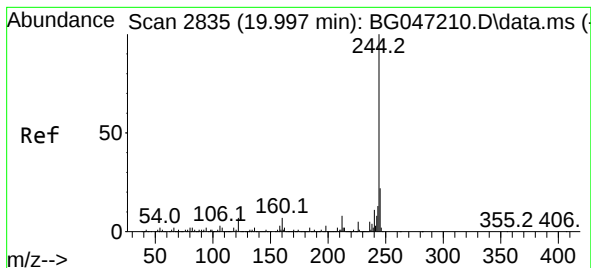
Tgt Ion:248 Resp: 18740  
Ion Ratio Lower Upper  
248 100  
250 180.2 78.9 118.3#  
141 466.9 46.2 69.4#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.646 min Scan# 3116  
Delta R.T. -0.002 min  
Lab File: BG047226.D  
Acq: 5 Nov 2020 19:41

Tgt Ion:240 Resp: 442921  
Ion Ratio Lower Upper  
240 100  
120 5.4 6.2 9.4#  
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 67.33 ng

RT: 19.995 min Scan# 2835

Delta R.T. -0.002 min

Lab File: BG047226.D

Acq: 5 Nov 2020 19:41

Instrument :

BNA\_G

ClientSampleId :

PB132852BL

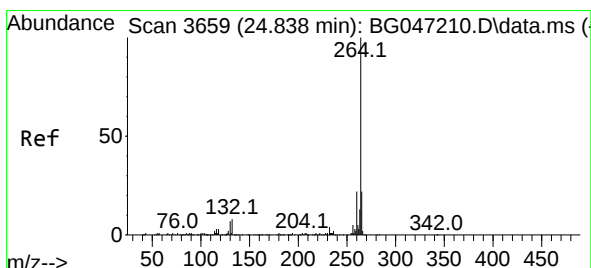
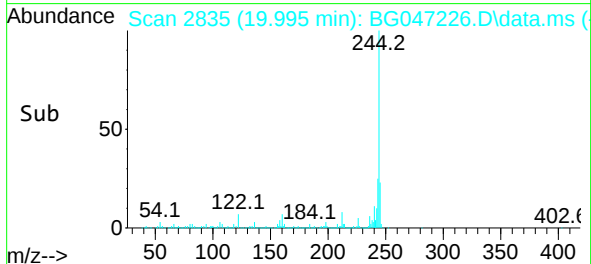
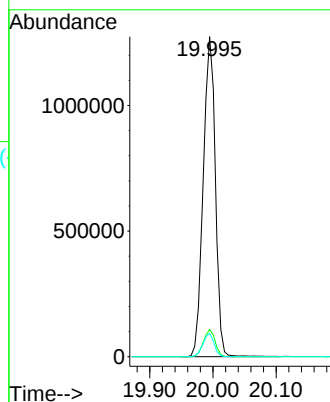
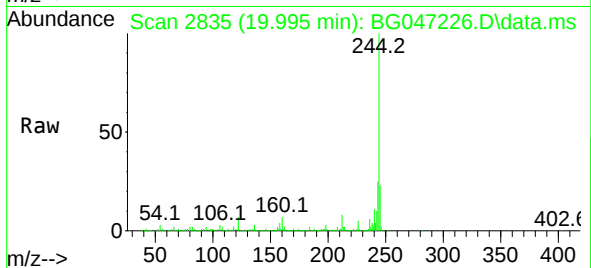
Tgt Ion:244 Resp: 1695839

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

122 7.3 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.836 min Scan# 3659

Delta R.T. -0.002 min

Lab File: BG047226.D

Acq: 5 Nov 2020 19:41

Tgt Ion:264 Resp: 444100

Ion Ratio Lower Upper

264 100

260 21.9 18.8 28.2

265 21.7 17.8 26.8

