

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
 Data File : BG049092.D  
 Acq On : 25 Jun 2021 15:57  
 Operator : CG/JU  
 Sample : M2824-02RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ABN-1

Quant Time: Jun 25 16:36:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 11:02:36 2021  
 Response via : Initial Calibration

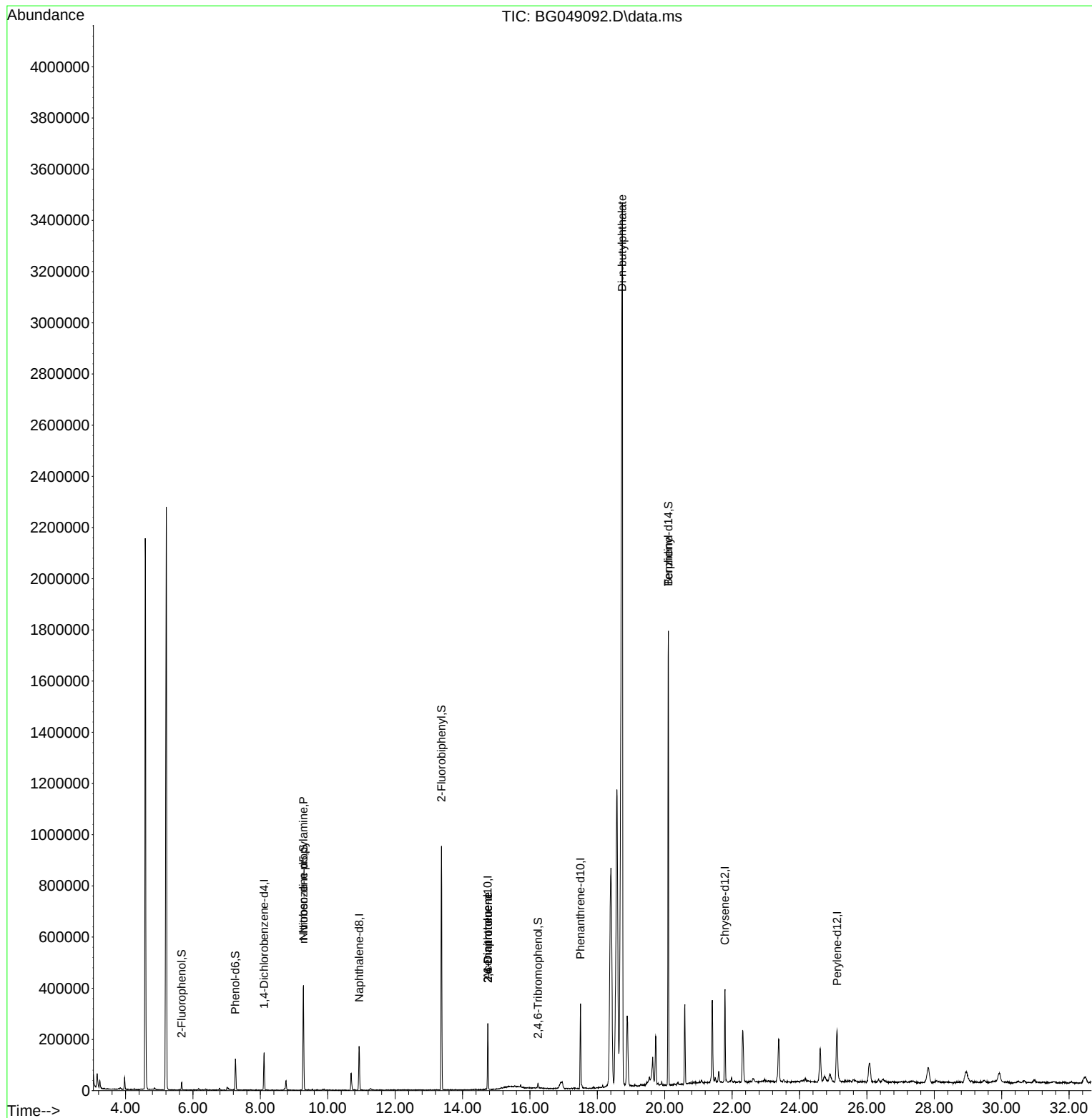
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.110  | 152  | 37220    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.930 | 136  | 139460   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.749 | 164  | 93116    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.499 | 188  | 208731   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.788 | 240  | 236572   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.114 | 264  | 241625   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.666  | 112  | 11263    | 4.711   | ng    | 0.01     |
| 7) Phenol-d6                  | 7.258  | 99   | 61901    | 17.273  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.279  | 82   | 238412   | 73.715  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.236 | 330  | 3277     | 2.375   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.374 | 172  | 483854   | 73.405  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.108 | 244  | 854742   | 66.170  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.273  | 70   | 38282    | 13.666  | ng    | # 72     |
| 51) 2,6-Dinitrotoluene        | 14.755 | 165  | 12422    | 8.410   | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 14.755 | 165  | 12422    | 6.846   | ng    | # 17     |
| 74) Di-n-butylphthalate       | 18.739 | 149  | 2754041  | 217.055 | ng    | # 87     |
| 77) Benzidine                 | 20.108 | 184  | 16851    | 3.536   | ng    | # 89     |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049092.D  
Acq On : 25 Jun 2021 15:57  
Operator : CG/JU  
Sample : M2824-02RE  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

Quant Time: Jun 25 16:36:18 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 24 11:02:36 2021  
Response via : Initial Calibration

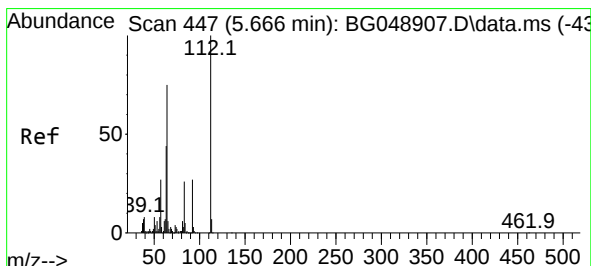
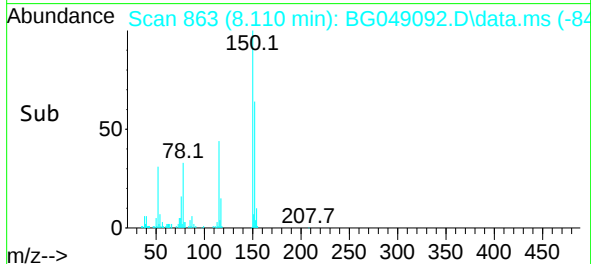
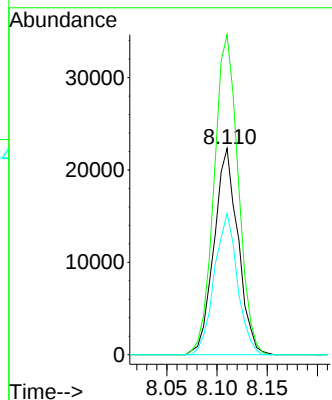
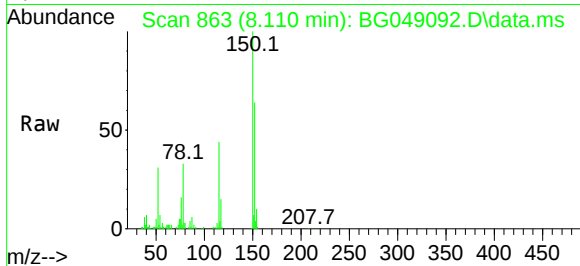




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.110 min Scan# 863  
Delta R.T. 0.005 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

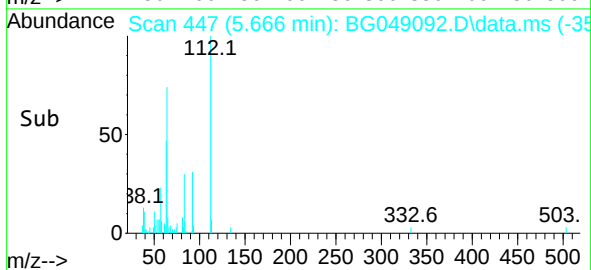
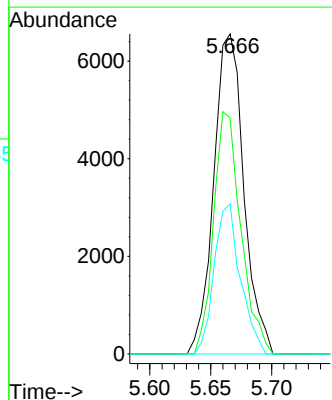
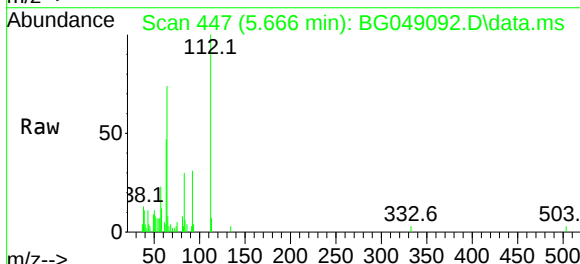
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

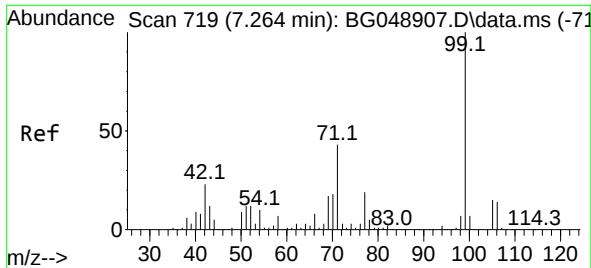
Tgt Ion:152 Resp: 37220  
Ion Ratio Lower Upper  
152 100  
150 155.2 119.4 179.0  
115 68.5 60.2 90.4



#5  
2-Fluorophenol  
Concen: 4.711 ng  
RT: 5.666 min Scan# 447  
Delta R.T. 0.010 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion:112 Resp: 11263  
Ion Ratio Lower Upper  
112 100  
64 73.7 46.7 70.1#  
63 46.9 35.3 52.9

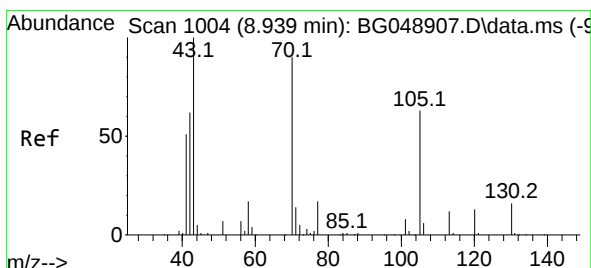
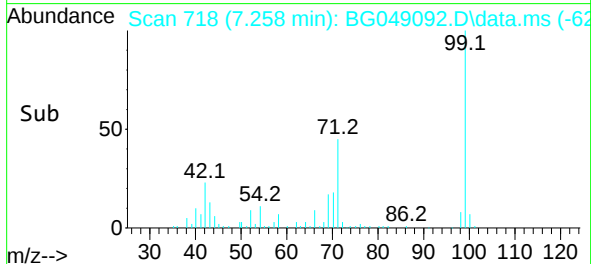
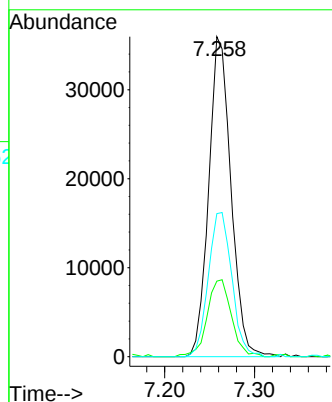
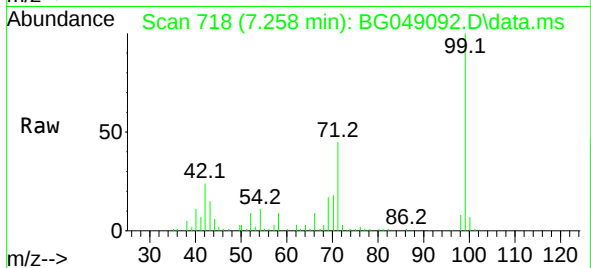




#7  
Phenol-d6  
Concen: 17.273 ng  
RT: 7.258 min Scan# 718  
Delta R.T. -0.001 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

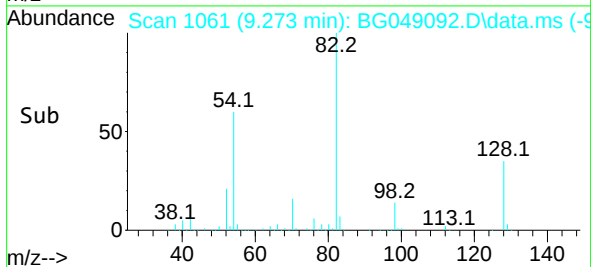
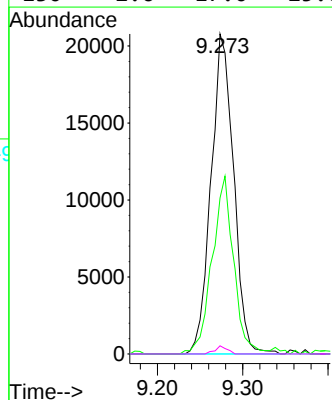
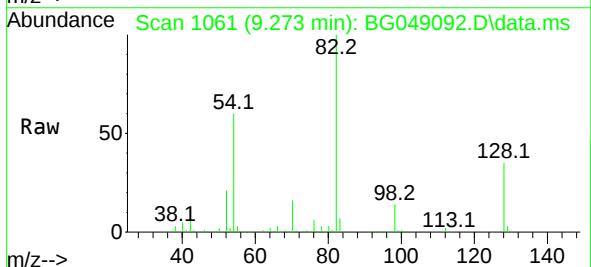
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

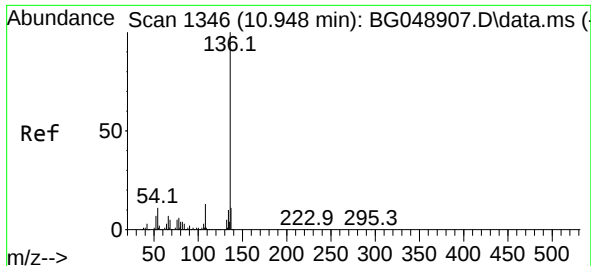
Tgt Ion: 99 Resp: 61901  
Ion Ratio Lower Upper  
99 100  
42 23.6 20.5 30.7  
71 44.7 41.5 62.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.666 ng  
RT: 9.273 min Scan# 1061  
Delta R.T. 0.363 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion: 70 Resp: 38282  
Ion Ratio Lower Upper  
70 100  
42 48.7 54.5 81.7#  
101 0.0 9.0 13.6#  
130 2.6 17.0 25.6#

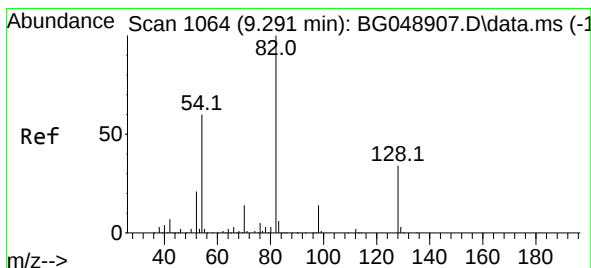
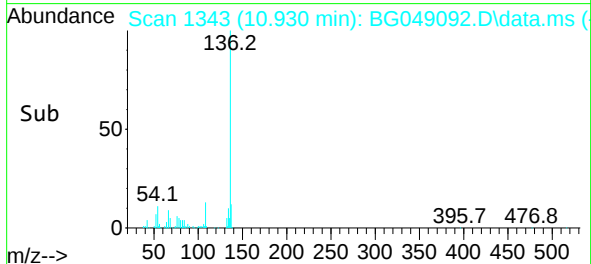
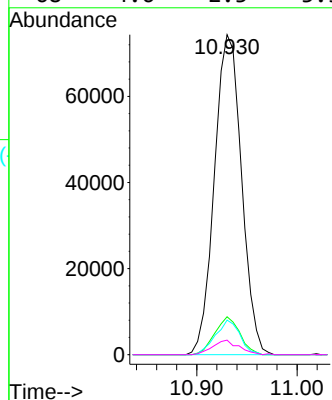
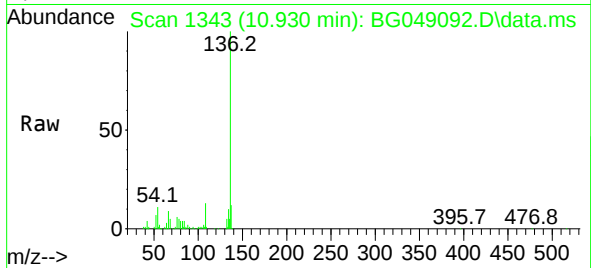




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.930 min Scan# 1343  
Delta R.T. 0.005 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

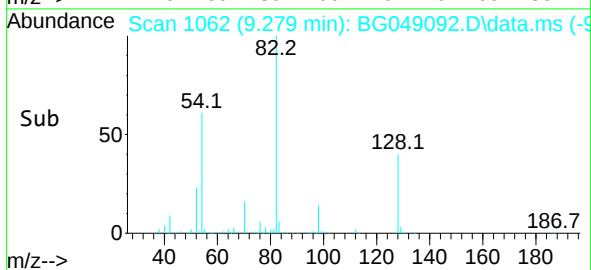
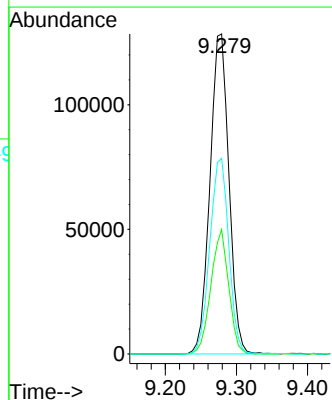
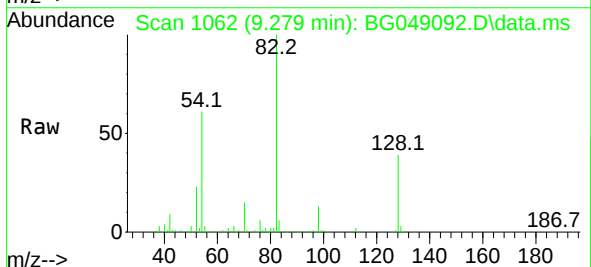
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

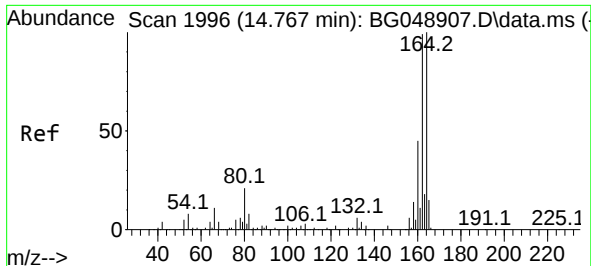
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 139460 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.9  | 8.2   | 12.2   |
| 54        | 10.8  | 5.5   | 8.3#   |
| 68        | 4.6   | 2.3   | 3.5#   |



#23  
Nitrobenzene-d5  
Concen: 73.715 ng  
RT: 9.279 min Scan# 1062  
Delta R.T. 0.005 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 238412 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.9  | 29.8  | 44.6   |
| 54        | 61.2  | 45.8  | 68.8   |

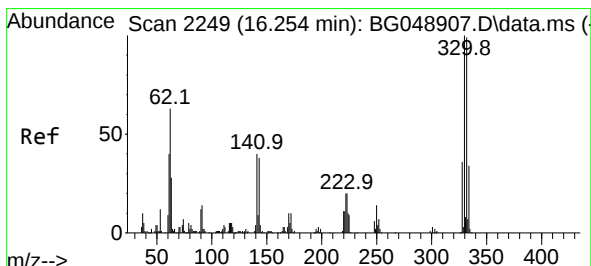
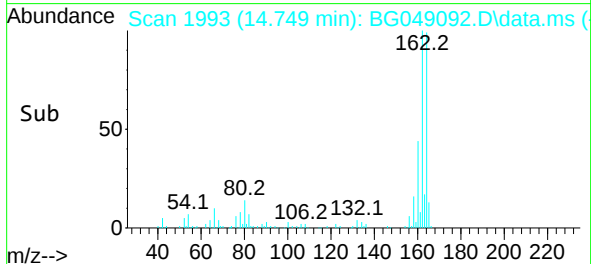
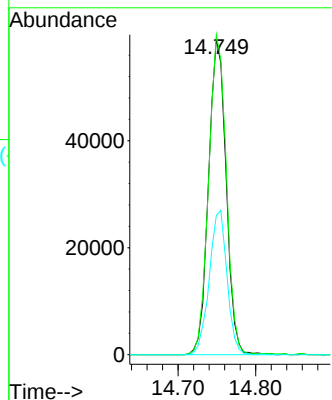
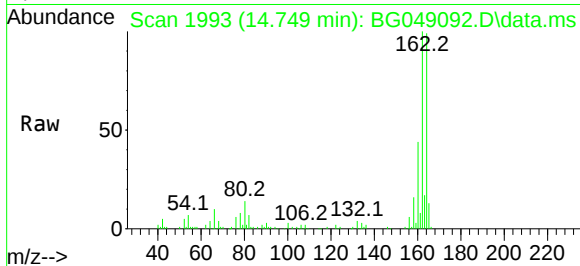




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.749 min Scan# 1993  
Delta R.T. -0.001 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

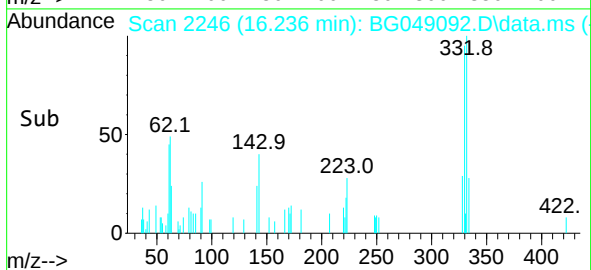
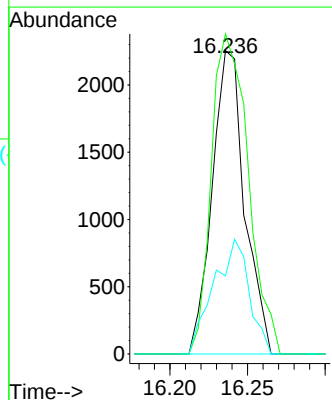
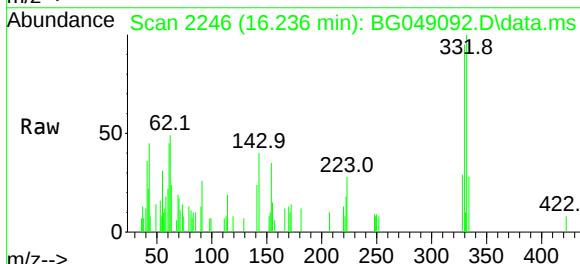
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

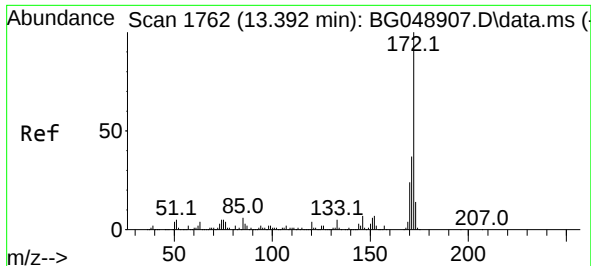
Tgt Ion:164 Resp: 93116  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.4 122.0  
160 44.2 34.9 52.3



#42  
2,4,6-Tribromophenol  
Concen: 2.375 ng  
RT: 16.236 min Scan# 2246  
Delta R.T. -0.001 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion:330 Resp: 3277  
Ion Ratio Lower Upper  
330 100  
332 119.8 77.3 115.9#  
141 41.4 35.6 53.4

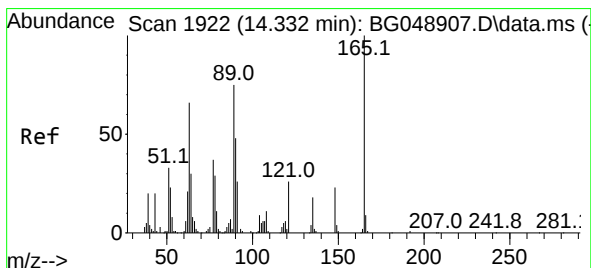
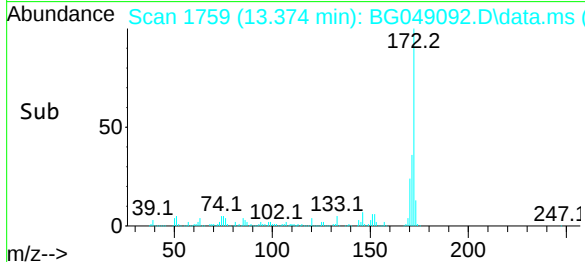
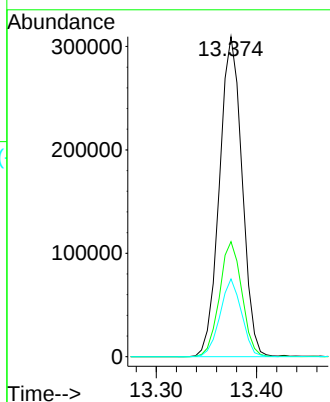
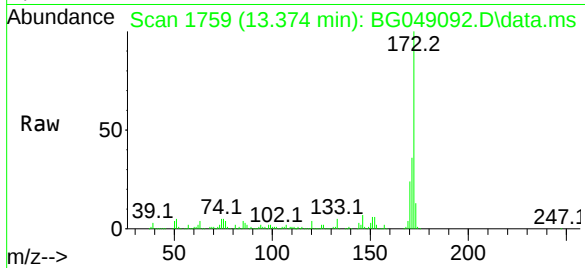




#45  
2-Fluorobiphenyl  
Concen: 73.405 ng  
RT: 13.374 min Scan# 1759  
Delta R.T. 0.005 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

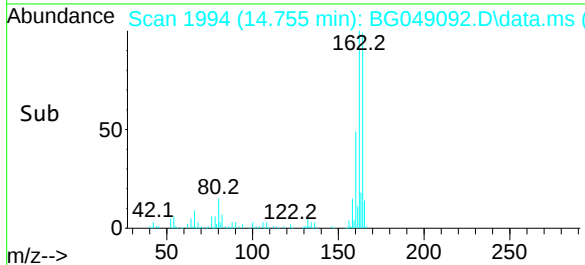
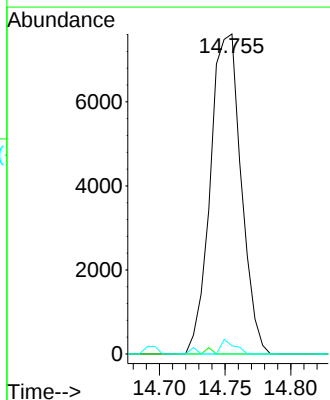
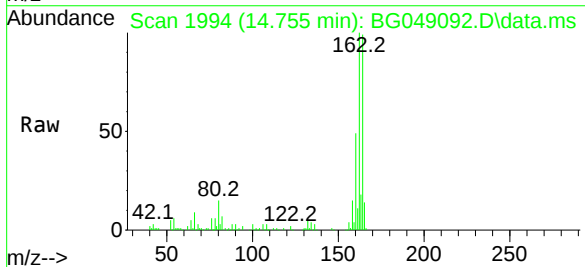
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

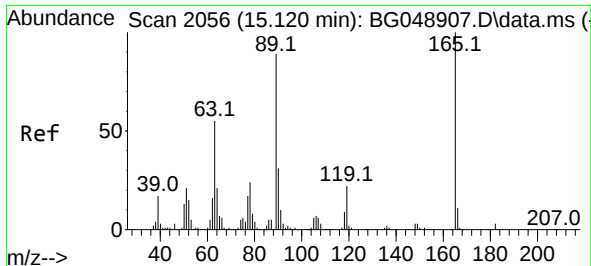
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 483854 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.9  | 28.6  | 43.0   |
| 170       | 24.3  | 18.6  | 27.8   |



#51  
2,6-Dinitrotoluene  
Concen: 8.410 ng  
RT: 14.755 min Scan# 1994  
Delta R.T. 0.439 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

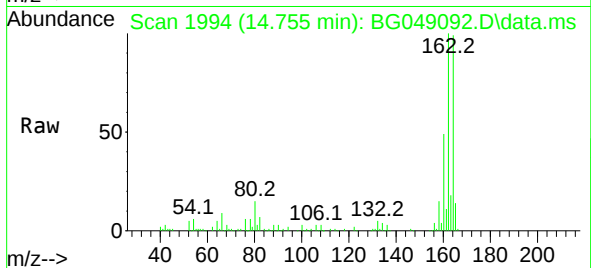
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 12422 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 0.0   | 63.3  | 94.9# |
| 89        | 2.5   | 63.4  | 95.0# |



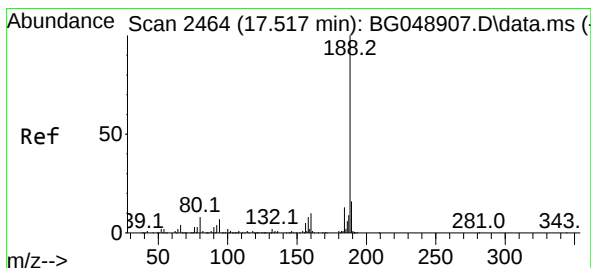
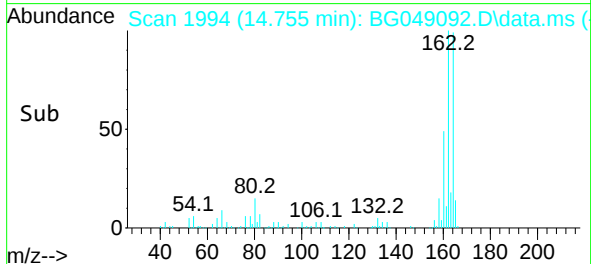
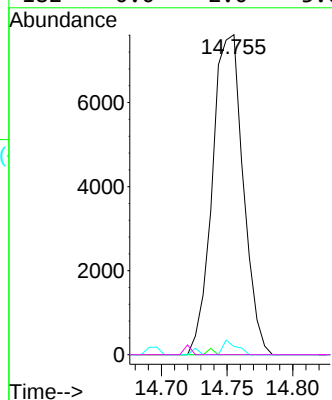


#57  
2,4-Dinitrotoluene  
Concen: 6.846 ng  
RT: 14.755 min Scan# 1994  
Delta R.T. -0.348 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

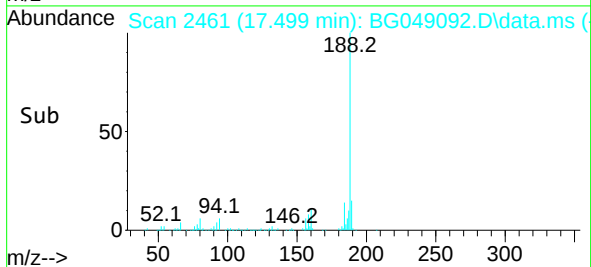
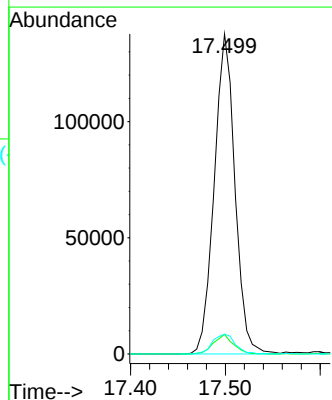
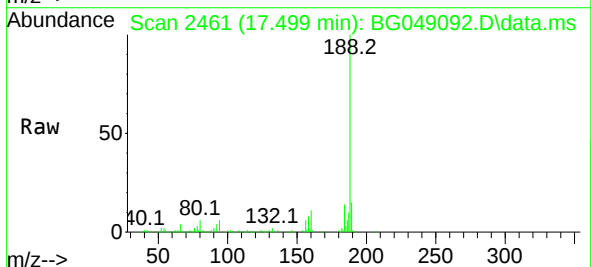


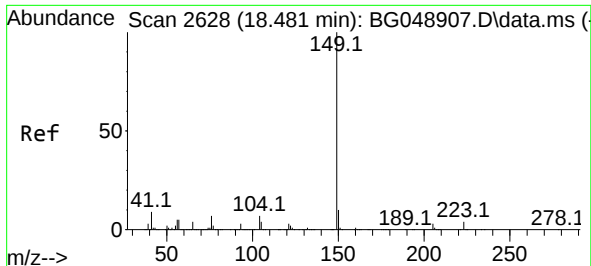
Tgt Ion:165 Resp: 12422  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.0 72.0#  
89 2.5 65.4 98.0#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.499 min Scan# 2461  
Delta R.T. -0.001 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion:188 Resp: 208731  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.4 8.0  
80 6.2 3.7 5.5#

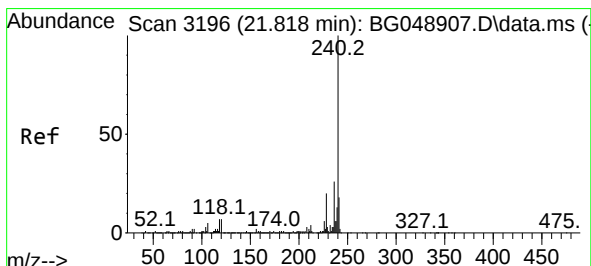
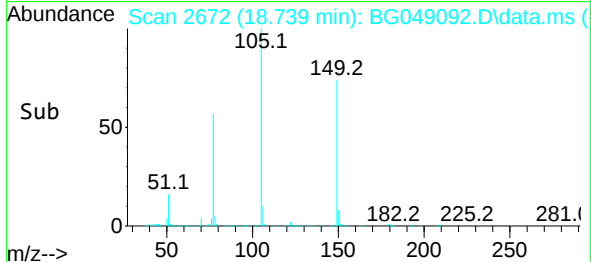
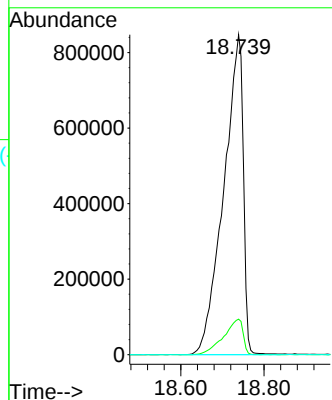
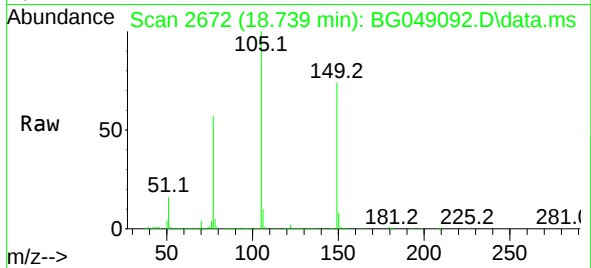




#74  
Di-n-butylphthalate  
Concen: 217.055 ng  
RT: 18.739 min Scan# 2672  
Delta R.T. 0.287 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

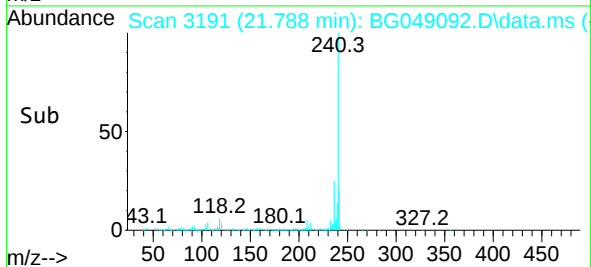
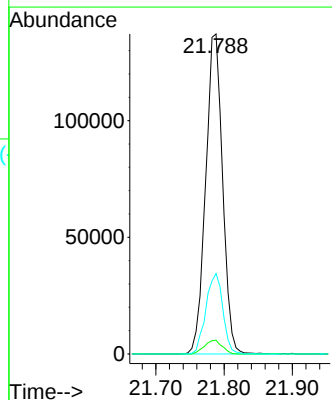
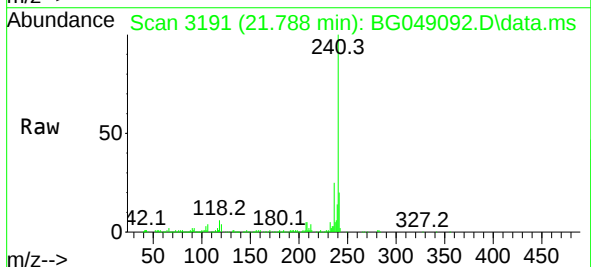
Instrument :  
BNA\_G  
ClientSampleId :  
ABN-1

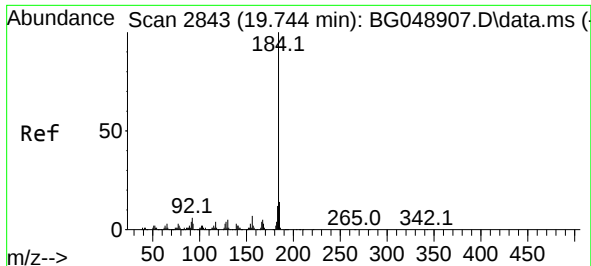
Tgt Ion:149 Resp: 2754041  
Ion Ratio Lower Upper  
149 100  
150 11.1 7.5 11.3  
104 0.0 6.6 10.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.788 min Scan# 3191  
Delta R.T. -0.001 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion:240 Resp: 236572  
Ion Ratio Lower Upper  
240 100  
120 4.3 4.2 6.2  
236 25.1 21.8 32.6

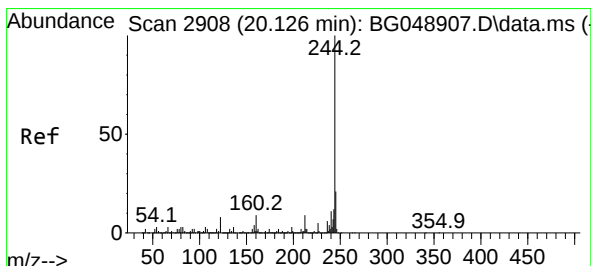
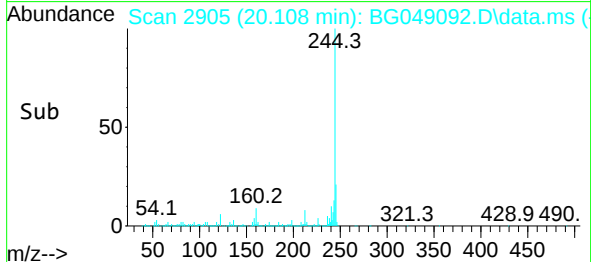
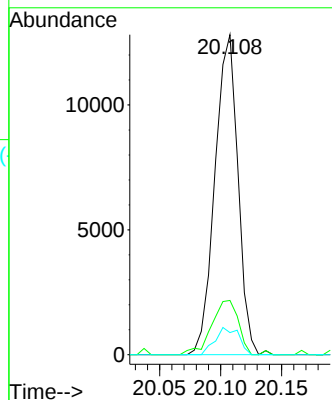
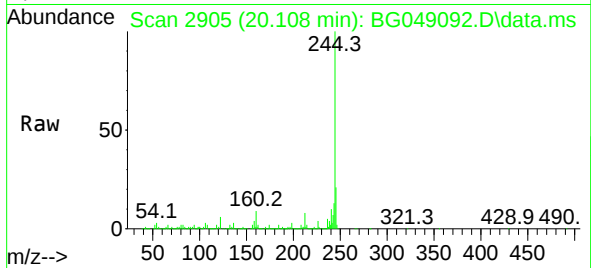




#77  
Benzidine  
Concen: 3.536 ng  
RT: 20.108 min Scan# 2905  
Delta R.T. 0.386 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

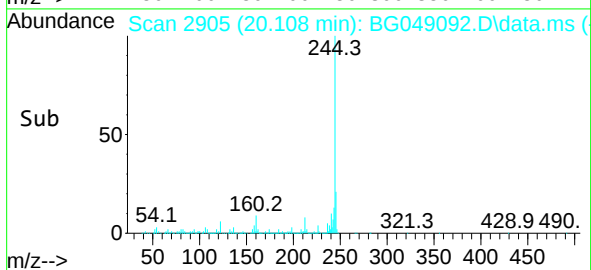
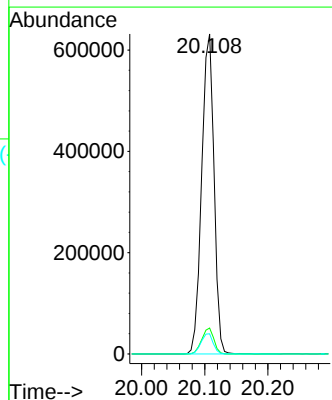
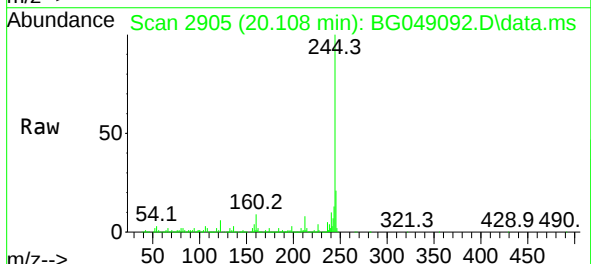
Instrument :  
BNA\_G  
ClientSampled :  
ABN-1

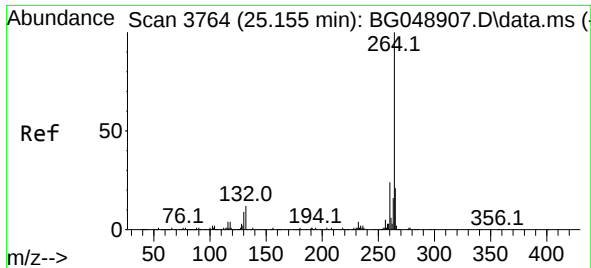
Tgt Ion:184 Resp: 16851  
Ion Ratio Lower Upper  
184 100  
185 17.0 10.7 16.1#  
183 6.9 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 66.170 ng  
RT: 20.108 min Scan# 2905  
Delta R.T. 0.005 min  
Lab File: BG049092.D  
Acq: 25 Jun 2021 15:57

Tgt Ion:244 Resp: 854742  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.9 10.3  
122 6.3 5.0 7.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.114 min Scan# 3757  
 Delta R.T. 0.010 min  
 Lab File: BG049092.D  
 Acq: 25 Jun 2021 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ABN-1

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 241625    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.1  | 19.4 29.2 |
| 265         | 21.8  | 16.9 25.3 |

