

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062321\  
 Data File : BG049072.D  
 Acq On : 23 Jun 2021 22:16  
 Operator : CG/JU  
 Sample : M2795-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B3-6-8

Quant Time: Jun 24 02:19:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 12:04:50 2021  
 Response via : Initial Calibration

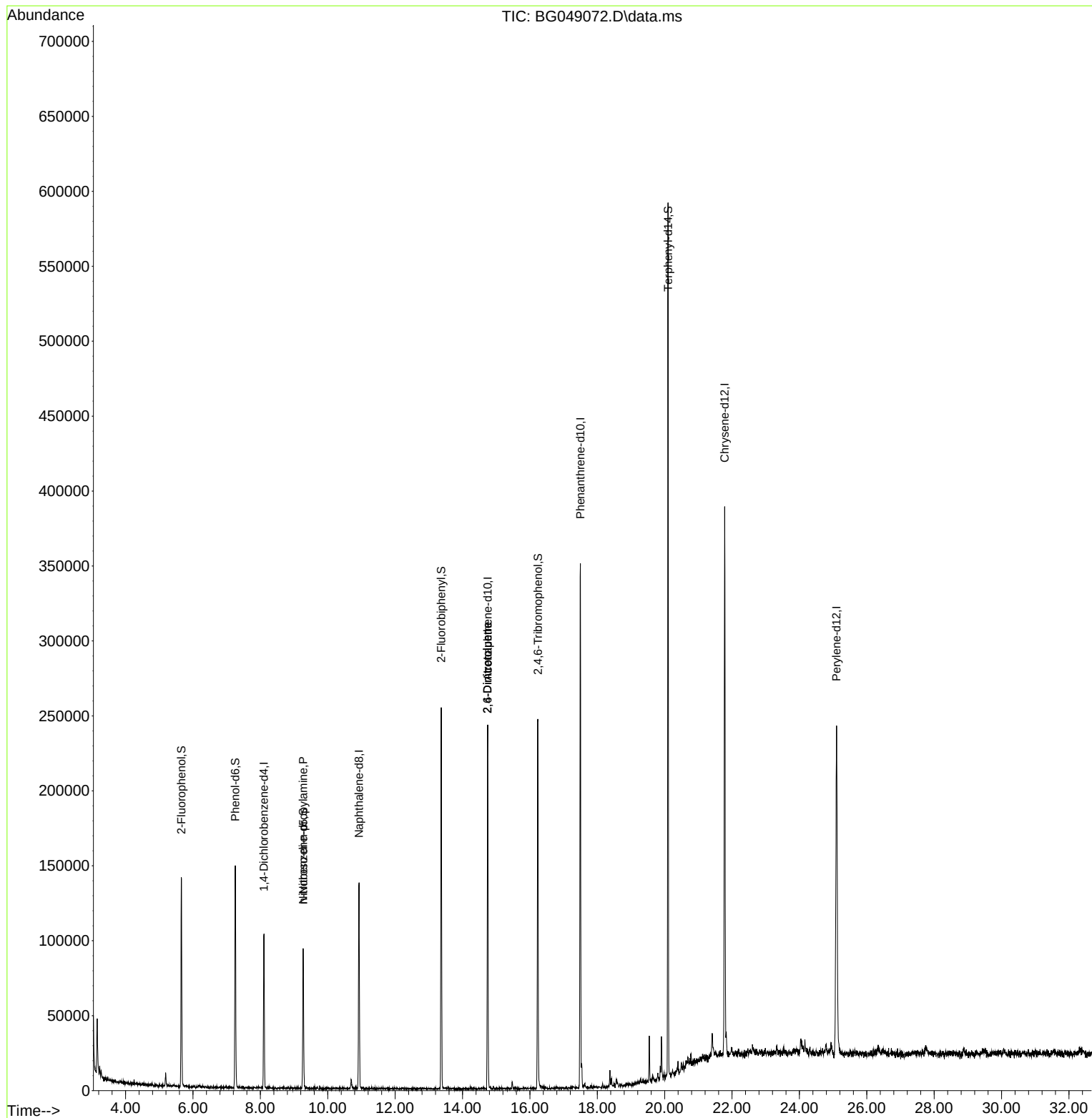
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.103  | 152  | 27528    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.929 | 136  | 112149   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.748 | 164  | 87216    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.498 | 188  | 233727   | 20.00 | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.781 | 240  | 235696   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12              | 25.101 | 264  | 248242   | 20.00 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.659  | 112  | 58679    | 33.18 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.257  | 99   | 78813    | 29.74 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.272  | 82   | 57464    | 22.09 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.235 | 330  | 51536    | 39.88 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.368 | 172  | 130227   | 21.09 | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.101 | 244  | 279080   | 21.69 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.272  | 70   | 8762     | 4.23  | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 14.742 | 165  | 10688    | 7.73  | ng    | # 10     |
| 57) 2,4-Dinitrotoluene        | 14.742 | 165  | 10688    | 6.29  | ng    | # 15     |
| -----                         |        |      |          |       |       |          |

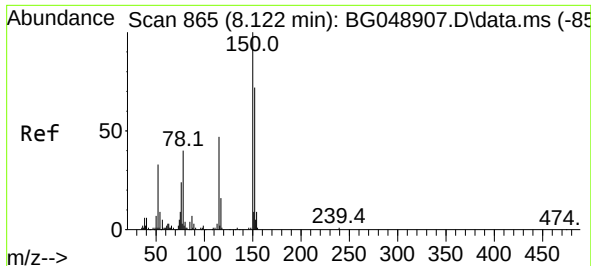
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062321\  
Data File : BG049072.D  
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Sample : M2795-06  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Jun 24 02:19:34 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 16 12:04:50 2021  
Response via : Initial Calibration

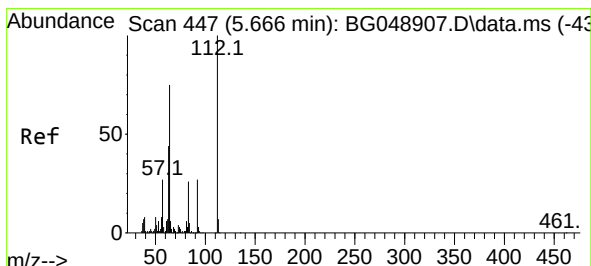
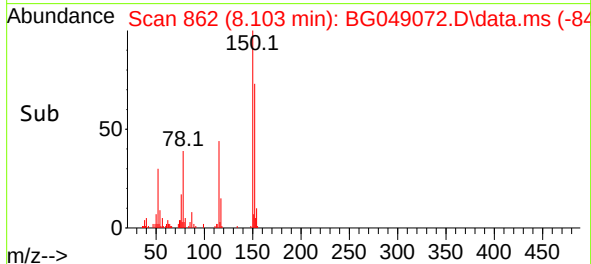
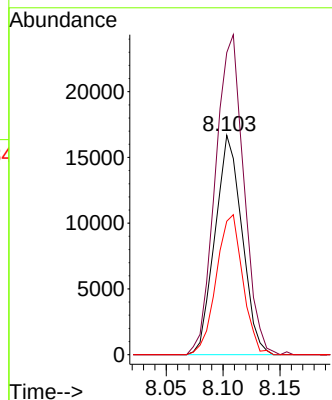
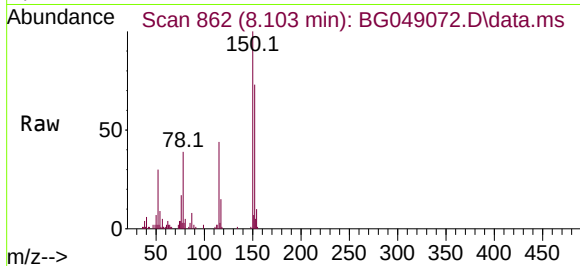




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.103 min Scan# 862  
Delta R.T. -0.011 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

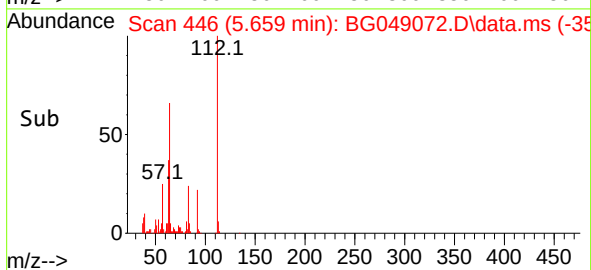
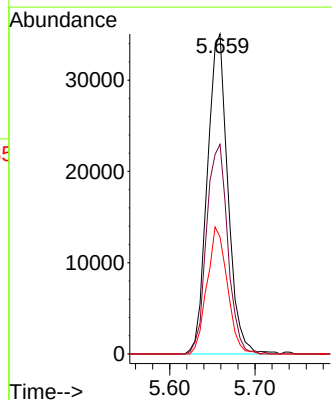
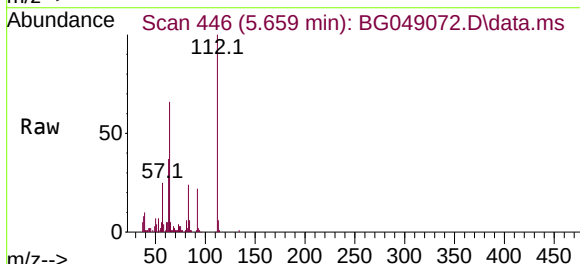
Instrument :  
BNA\_G  
ClientSampleId :  
B3-6-8

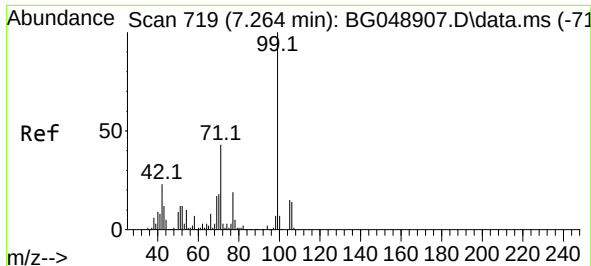
Tgt Ion:152 Resp: 27528  
Ion Ratio Lower Upper  
152 100  
150 137.7 119.4 179.0  
115 60.8 60.2 90.4



#5  
2-Fluorophenol  
Concen: 33.18 ng  
RT: 5.659 min Scan# 446  
Delta R.T. -0.005 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Tgt Ion:112 Resp: 58679  
Ion Ratio Lower Upper  
112 100  
64 65.5 46.7 70.1  
63 36.5 35.3 52.9

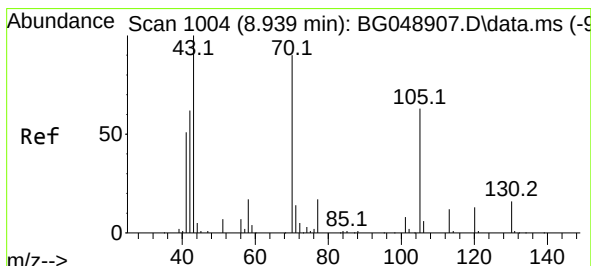
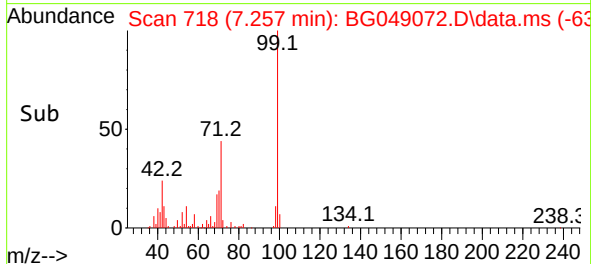
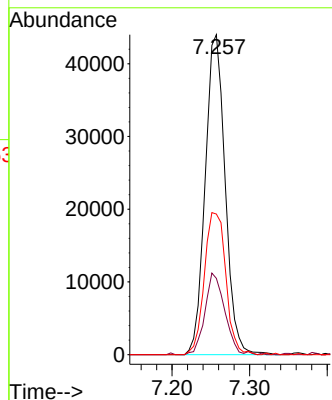
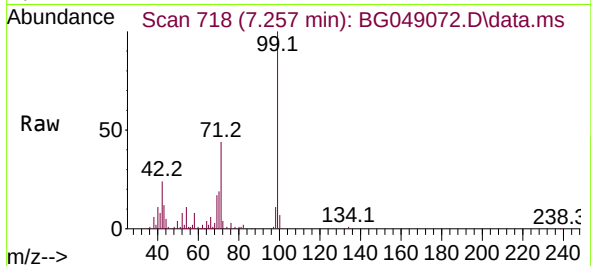




#7  
Phenol-d6  
Concen: 29.74 ng  
RT: 7.257 min Scan# 718  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

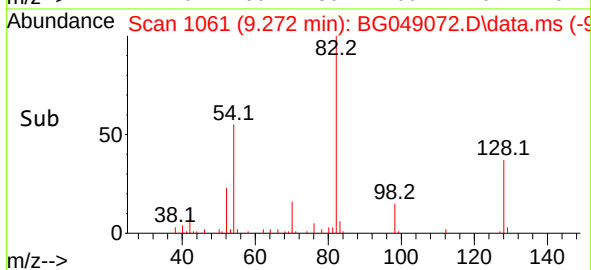
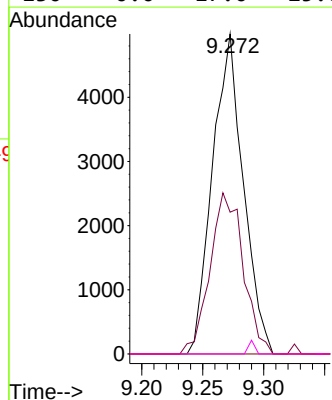
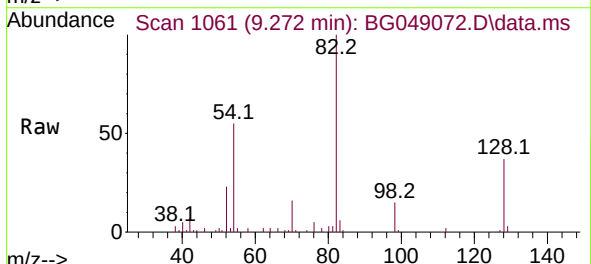
Instrument :  
BNA\_G  
ClientSampleId :  
B3-6-8

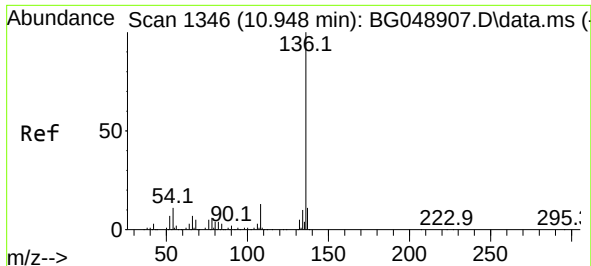
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 78813 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 23.8     | 20.5 30.7   |
| 71 43.9     | 41.5 62.3   |



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.23 ng  
RT: 9.272 min Scan# 1061  
Delta R.T. 0.348 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 8762  |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 44.3     | 54.5 81.7#  |
| 101 0.0     | 9.0 13.6#   |
| 130 0.0     | 17.0 25.6#  |

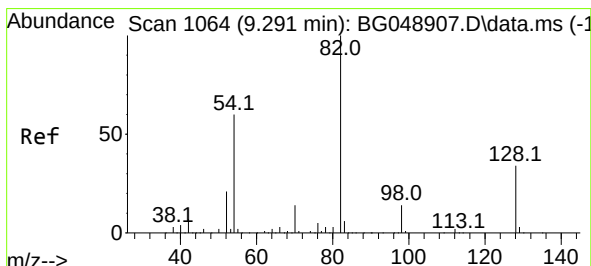
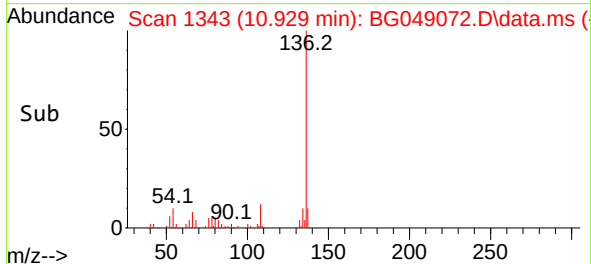
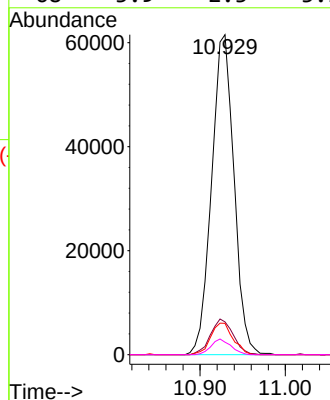
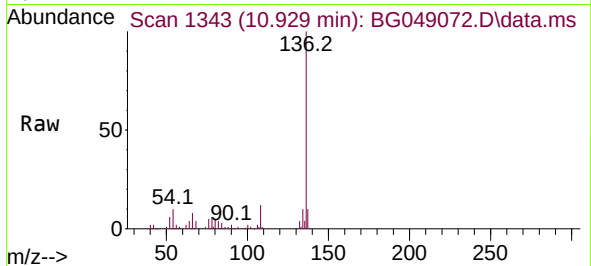




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.929 min Scan# 1343  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

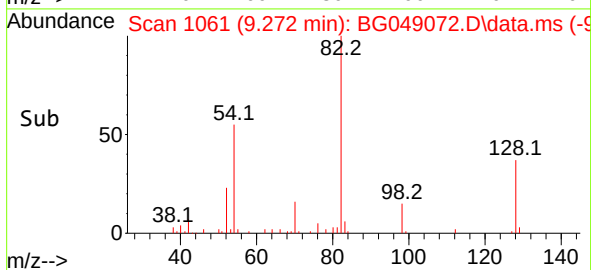
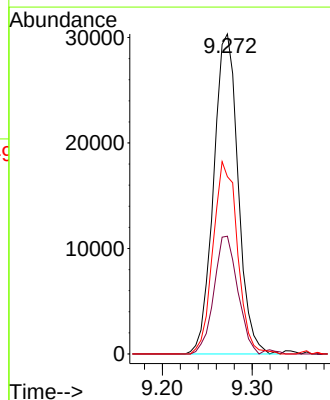
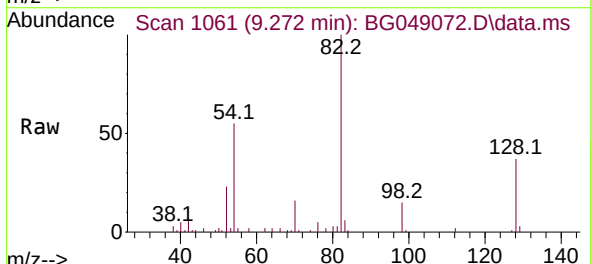
Instrument :  
BNA\_G  
ClientSampled :  
B3-6-8

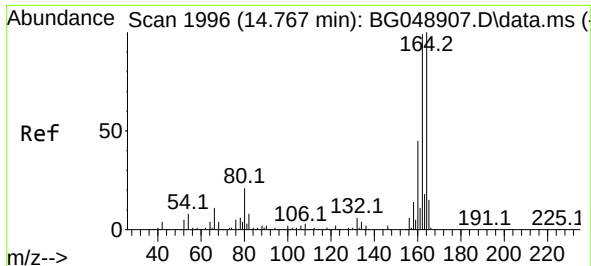
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 112149 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.2  | 8.2   | 12.2   |
| 54        | 9.8   | 5.5   | 8.3#   |
| 68        | 3.9   | 2.3   | 3.5#   |



#23  
Nitrobenzene-d5  
Concen: 22.09 ng  
RT: 9.272 min Scan# 1061  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 57464 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 36.8  | 29.8  | 44.6  |
| 54        | 55.4  | 45.8  | 68.8  |

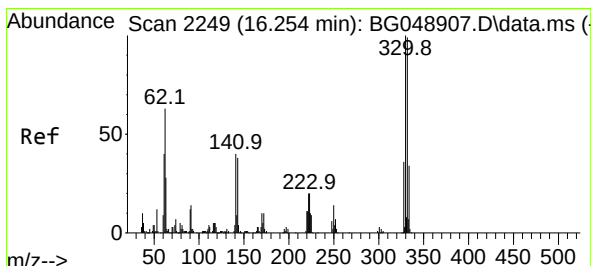
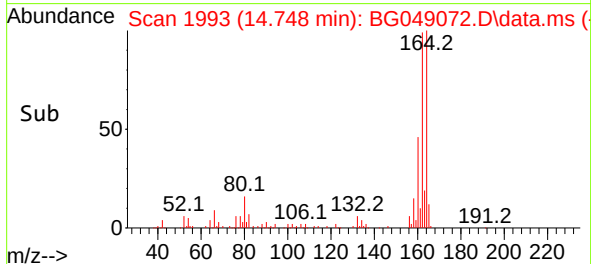
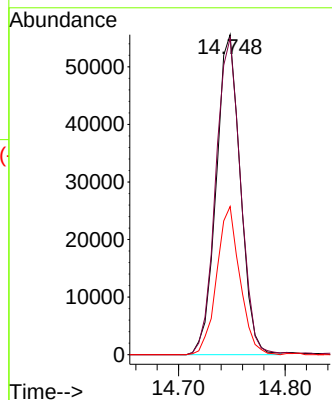
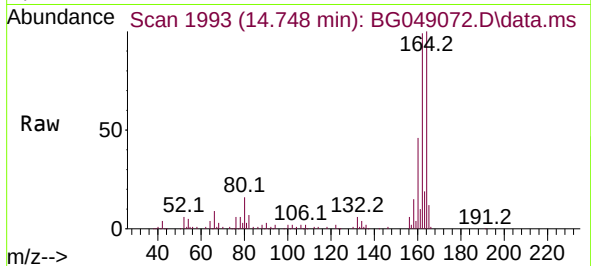




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.748 min Scan# 1993  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

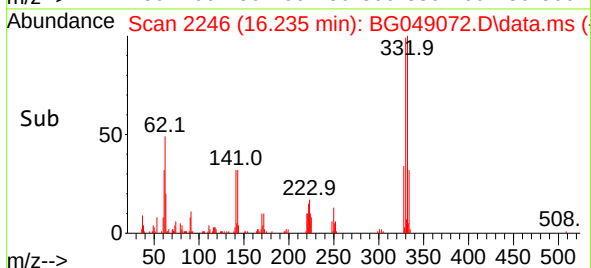
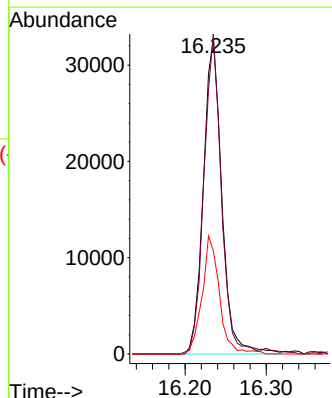
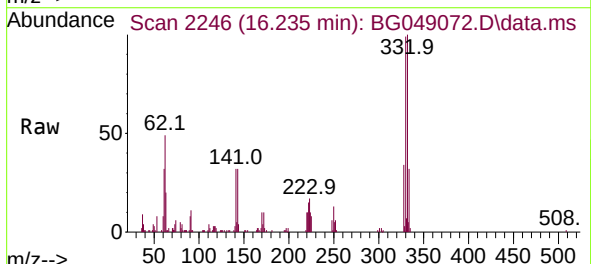
Instrument :  
BNA\_G  
ClientSampleId :  
B3-6-8

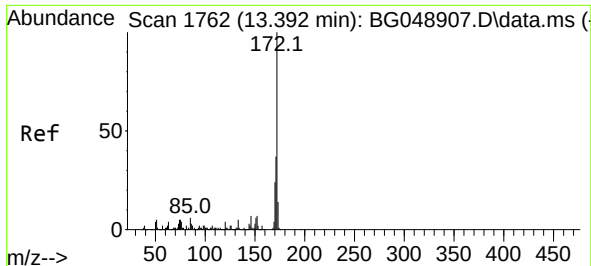
Tgt Ion:164 Resp: 87216  
Ion Ratio Lower Upper  
164 100  
162 98.9 81.4 122.0  
160 46.3 34.9 52.3



#42  
2,4,6-Tribromophenol  
Concen: 39.88 ng  
RT: 16.235 min Scan# 2246  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Tgt Ion:330 Resp: 51536  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.3 115.9  
141 35.3 35.6 53.4#

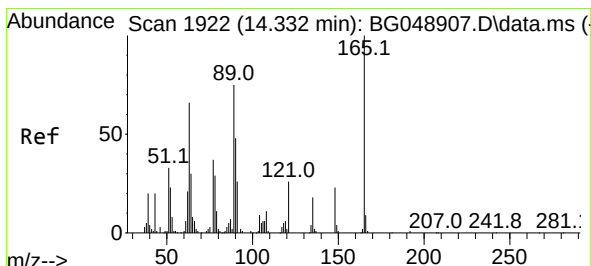
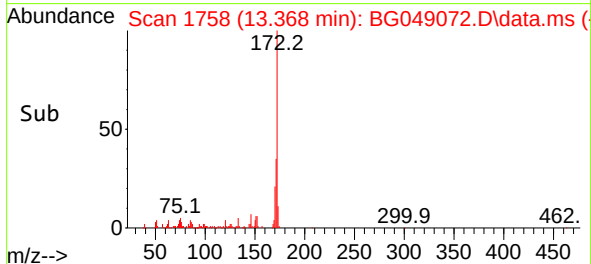
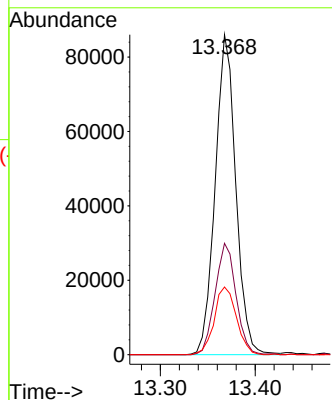
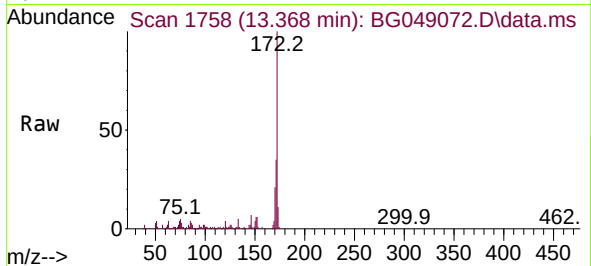




#45  
2-Fluorobiphenyl  
Concen: 21.09 ng  
RT: 13.368 min Scan# 1758  
Delta R.T. -0.016 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

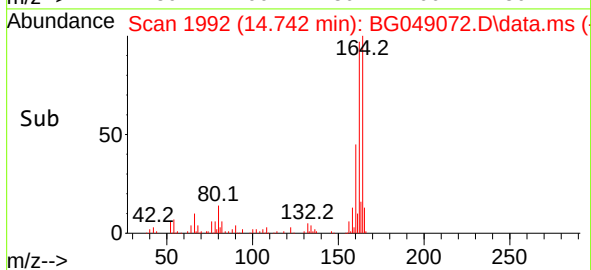
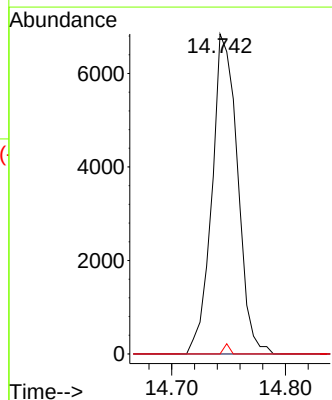
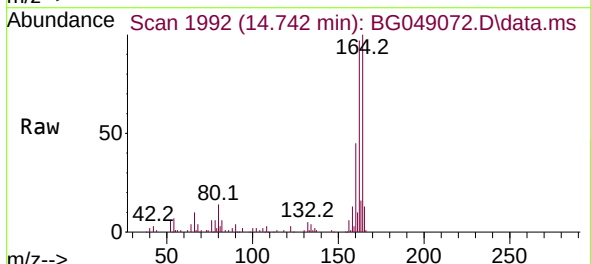
Instrument :  
BNA\_G  
ClientSampleId :  
B3-6-8

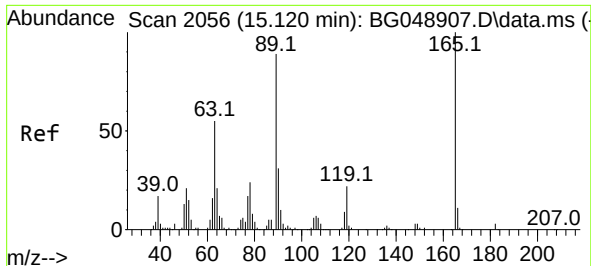
Tgt Ion:172 Resp: 130227  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 43.0  
170 21.1 18.6 27.8



#51  
2,6-Dinitrotoluene  
Concen: 7.73 ng  
RT: 14.742 min Scan# 1992  
Delta R.T. 0.418 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

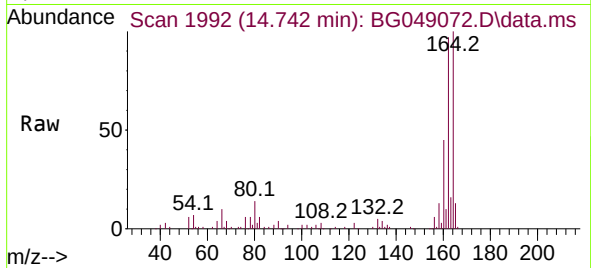
Tgt Ion:165 Resp: 10688  
Ion Ratio Lower Upper  
165 100  
63 0.0 63.3 94.9#  
89 0.0 63.4 95.0#



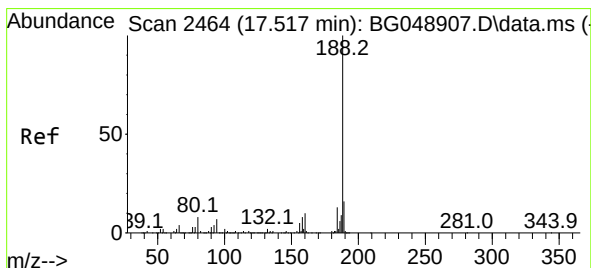
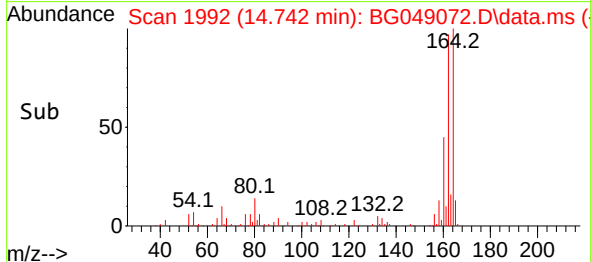
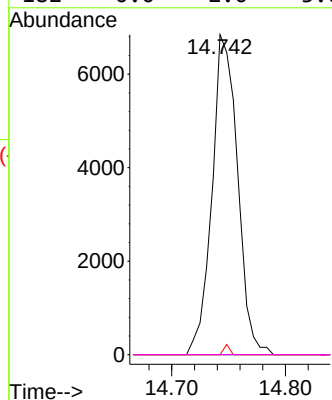


#57  
2,4-Dinitrotoluene  
Concen: 6.29 ng  
RT: 14.742 min Scan# 1992  
Delta R.T. -0.369 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Instrument :  
BNA\_G  
ClientSampled :  
B3-6-8

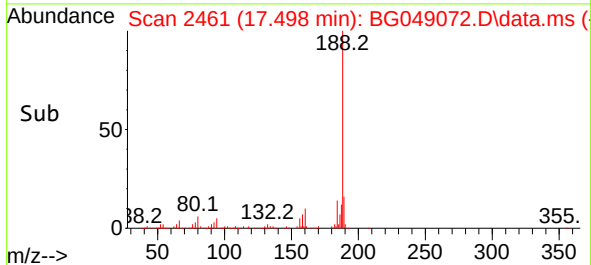
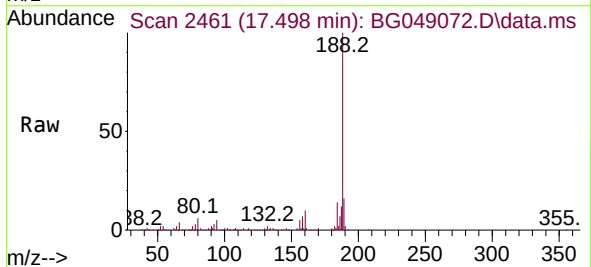
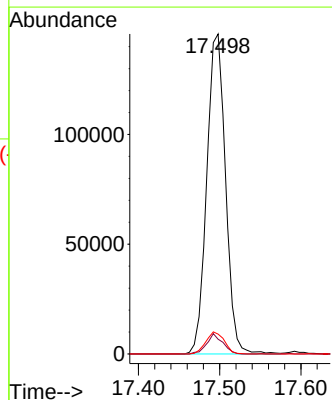


Tgt Ion:165 Resp: 10688  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.0 72.0#  
89 0.0 65.4 98.0#  
182 0.0 2.0 3.0#

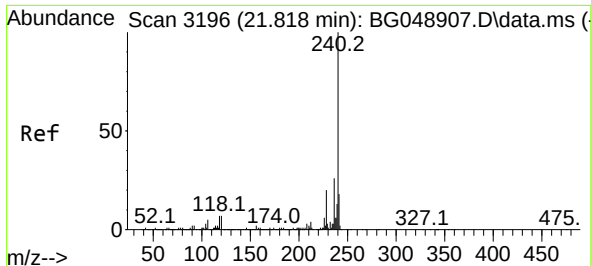


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.498 min Scan# 2461  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Tgt Ion:188 Resp: 233727  
Ion Ratio Lower Upper  
188 100  
94 4.6 5.4 8.0#  
80 6.2 3.7 5.5#



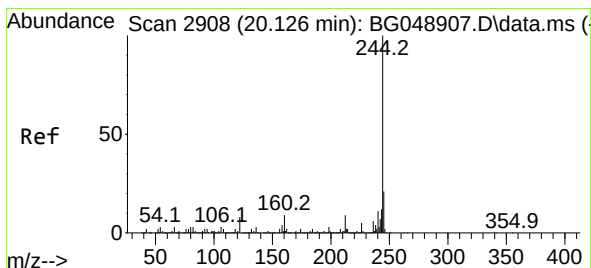
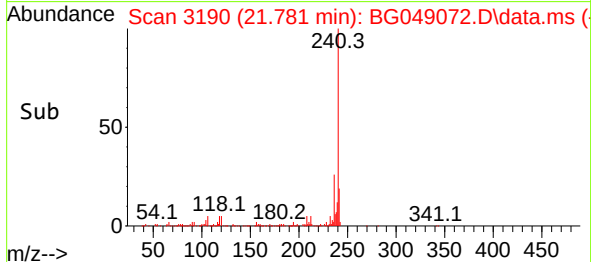
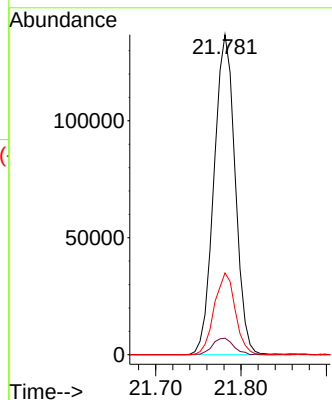
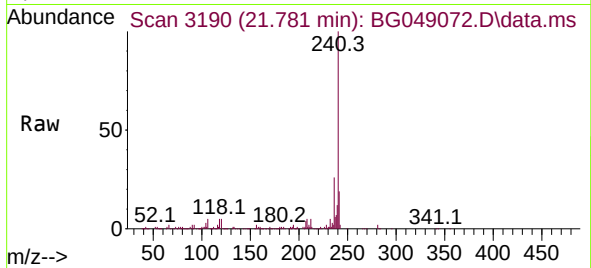




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.781 min Scan# 3190  
Delta R.T. -0.016 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

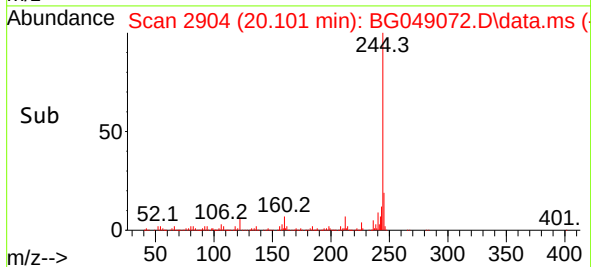
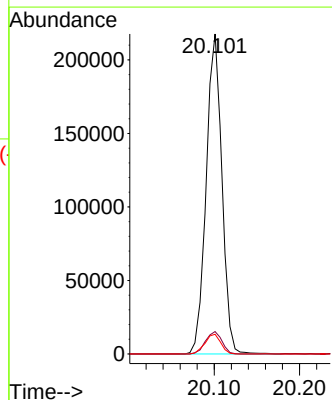
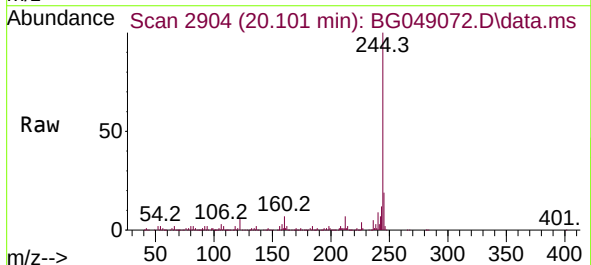
Instrument :  
BNA\_G  
ClientSampled :  
B3-6-8

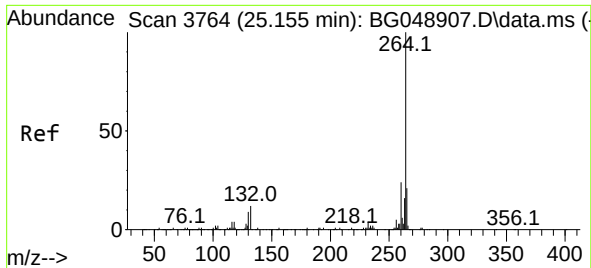
Tgt Ion:240 Resp: 235696  
Ion Ratio Lower Upper  
240 100  
120 5.1 4.2 6.2  
236 25.6 21.8 32.6



#79  
Terphenyl-d14  
Concen: 21.69 ng  
RT: 20.101 min Scan# 2904  
Delta R.T. -0.010 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Tgt Ion:244 Resp: 279080  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.9 10.3  
122 6.2 5.0 7.6





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.101 min Scan# 3755  
Delta R.T. -0.028 min  
Lab File: BG049072.D  
Acq: 23 Jun 2021 22:16

Instrument :  
BNA\_G  
ClientSampleId :  
B3-6-8

Tgt Ion:264 Resp: 248242  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.4  | 29.2  |
| 265 | 21.4  | 16.9  | 25.3  |

