

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101221\  
 Data File : BG050558.D  
 Acq On : 12 Oct 2021 18:29  
 Operator : CG/JU  
 Sample : M4158-22  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T8-COMP-(1-4)

Quant Time: Oct 13 04:43:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 15:51:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.260  | 152  | 51820    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.080 | 136  | 239761   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.875 | 164  | 158717   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.619 | 188  | 329328   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.920 | 240  | 290442   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.334 | 264  | 283076   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.798  | 112  | 445033   | 128.44 | ng    | 0.00     |
| 7) Phenol-d6                | 7.402  | 99   | 582716   | 116.16 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.429  | 82   | 466050   | 80.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.362 | 330  | 177907   | 117.52 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.501 | 172  | 818339   | 77.60  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.210 | 244  | 1183446  | 79.41  | ng    | 0.00     |

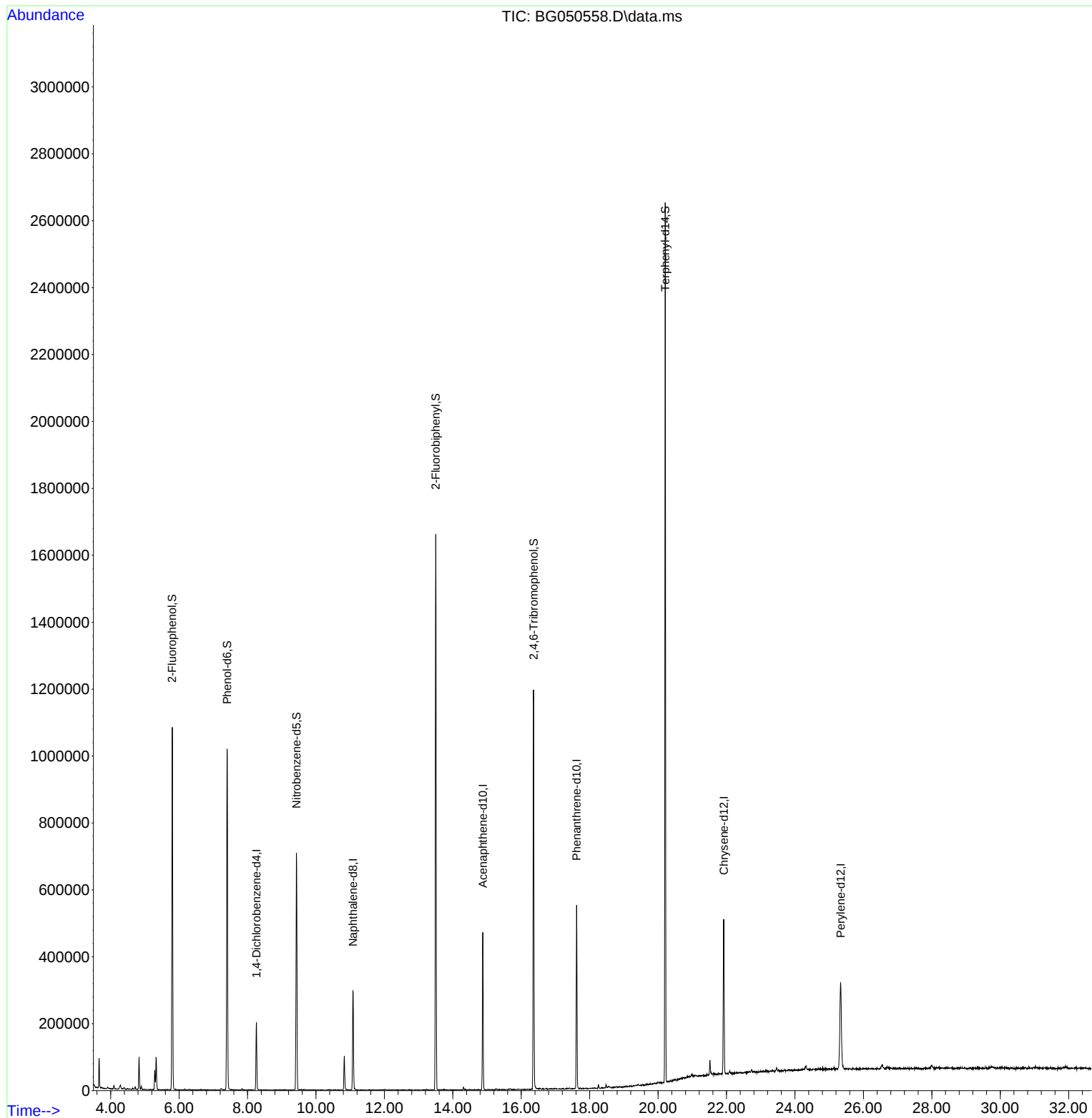
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

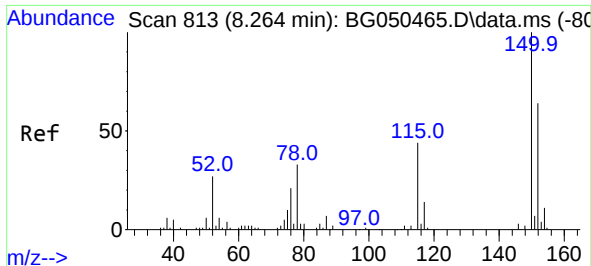
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101221\  
Data File : BG050558.D  
Acq On : 12 Oct 2021 18:29  
Operator : CG/JU  
Sample : M4158-22  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

Quant Time: Oct 13 04:43:10 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 06 15:51:01 2021  
Response via : Initial Calibration

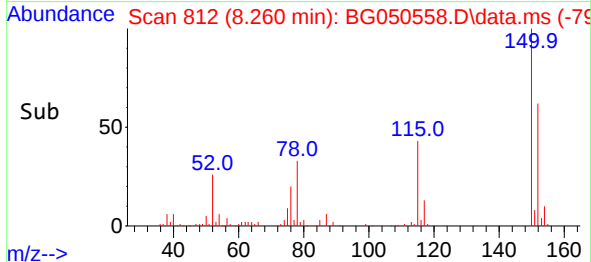
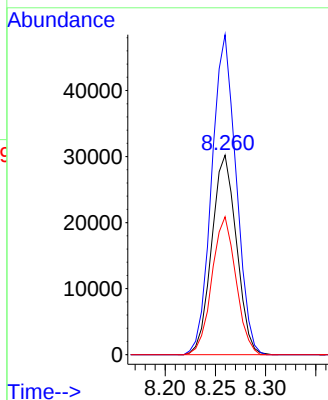
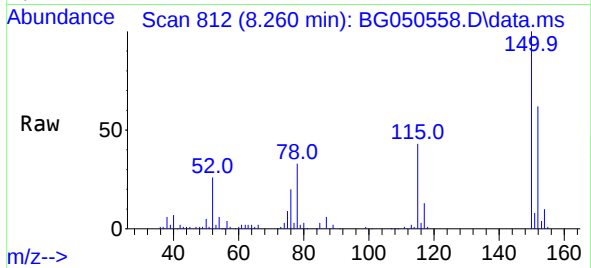




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.260 min Scan# 812  
Delta R.T. -0.004 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

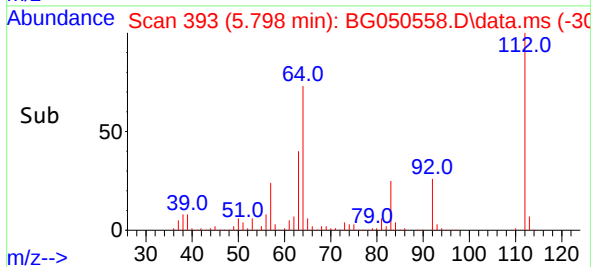
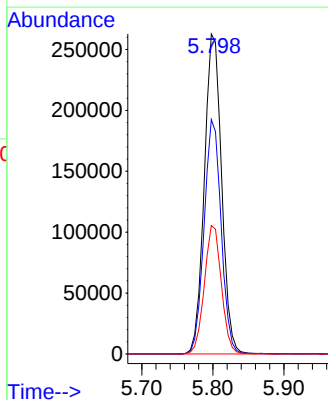
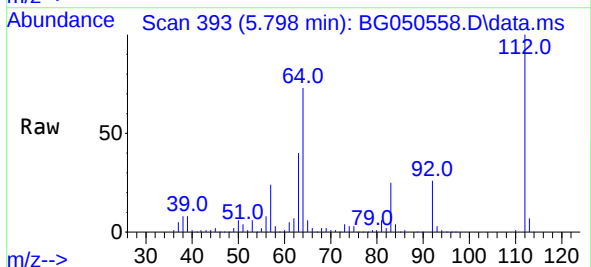
Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

Tgt Ion:152 Resp: 51820  
Ion Ratio Lower Upper  
152 100  
150 160.4 119.4 179.0  
115 69.2 60.2 90.4



#5  
2-Fluorophenol  
Concen: 128.44 ng  
RT: 5.798 min Scan# 393  
Delta R.T. 0.008 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

Tgt Ion:112 Resp: 445033  
Ion Ratio Lower Upper  
112 100  
64 73.3 46.7 70.1#  
63 40.2 35.3 52.9

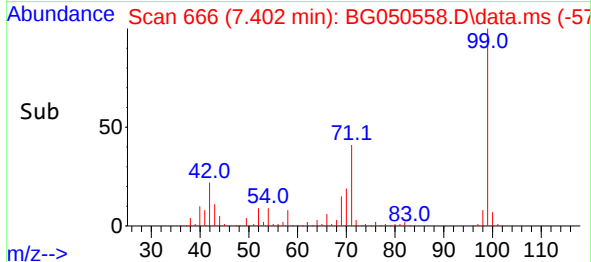
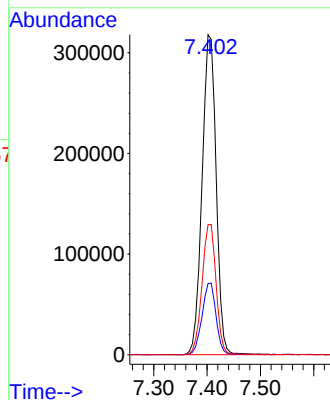
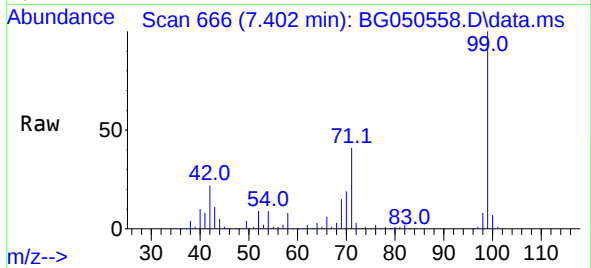




#7  
Phenol-d6  
Concen: 116.16 ng  
RT: 7.402 min Scan# 666  
Delta R.T. 0.008 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

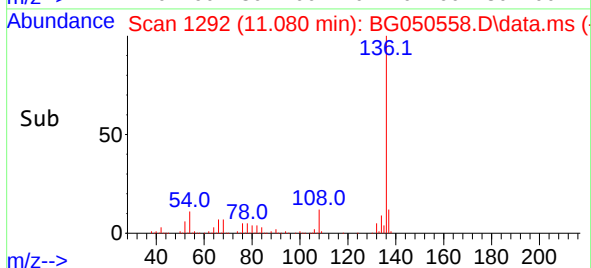
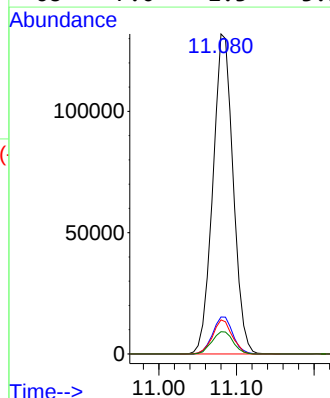
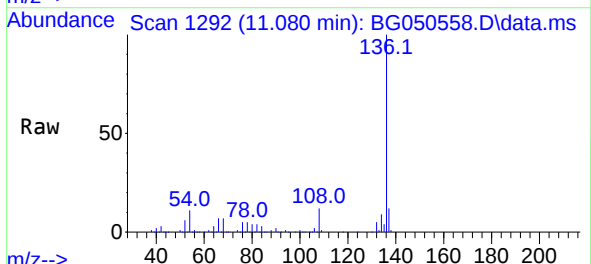
Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

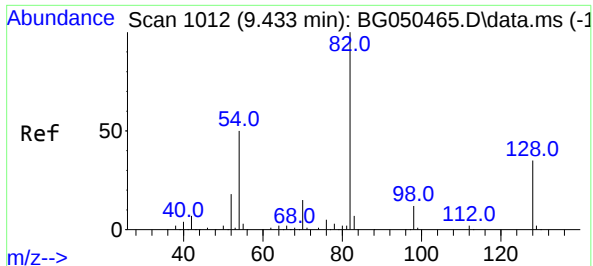
Tgt Ion: 99 Resp: 582716  
Ion Ratio Lower Upper  
99 100  
42 22.3 20.5 30.7  
71 40.6 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.080 min Scan# 1292  
Delta R.T. -0.010 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

Tgt Ion: 136 Resp: 239761  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.2 12.2  
54 10.7 5.5 8.3#  
68 7.0 2.3 3.5#

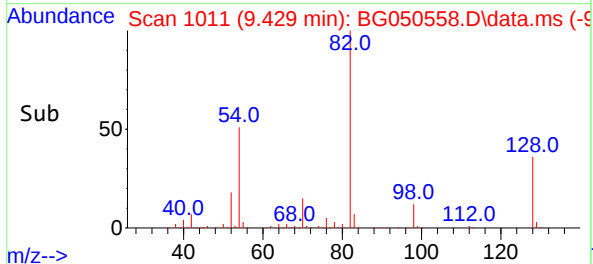
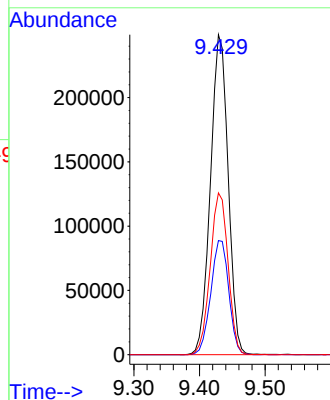
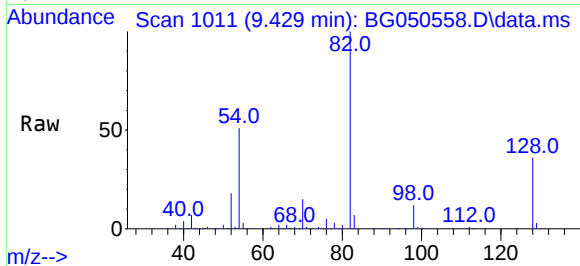




#23  
Nitrobenzene-d5  
Concen: 80.47 ng  
RT: 9.429 min Scan# 1011  
Delta R.T. -0.004 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

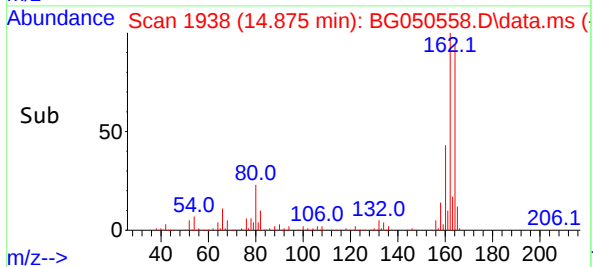
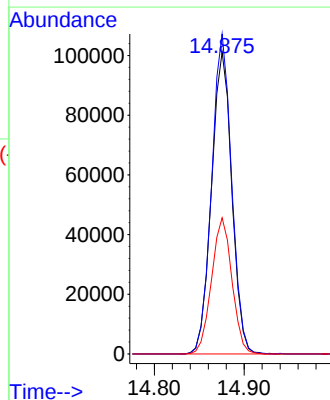
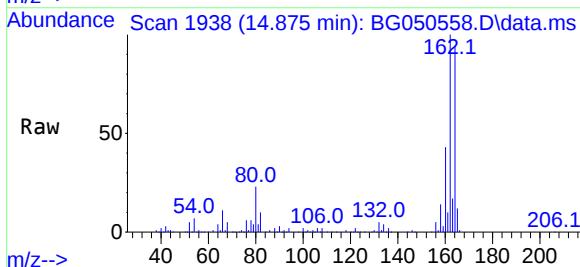
Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

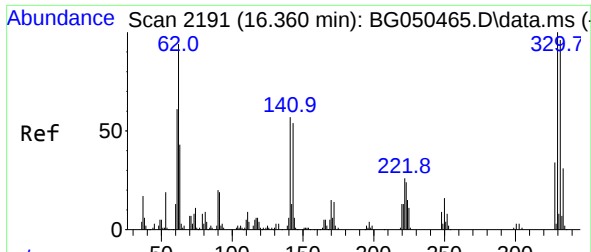
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 466050 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.7  | 29.8  | 44.6   |
| 54       | 50.6  | 45.8  | 68.8   |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.875 min Scan# 1938  
Delta R.T. -0.004 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 158717 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 106.0 | 81.4  | 122.0  |
| 160      | 45.1  | 34.9  | 52.3   |

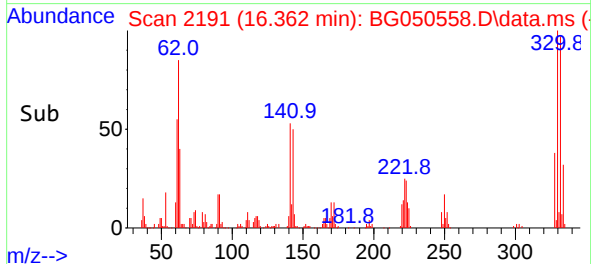
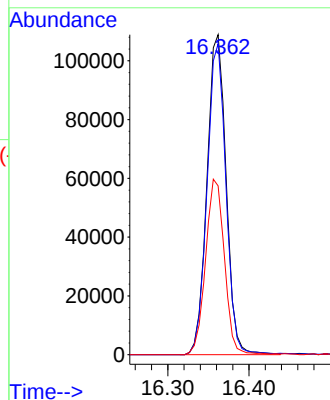
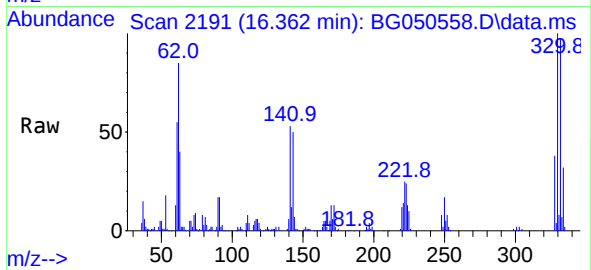




#42  
2,4,6-Tribromophenol  
Concen: 117.52 ng  
RT: 16.362 min Scan# 2191  
Delta R.T. 0.002 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

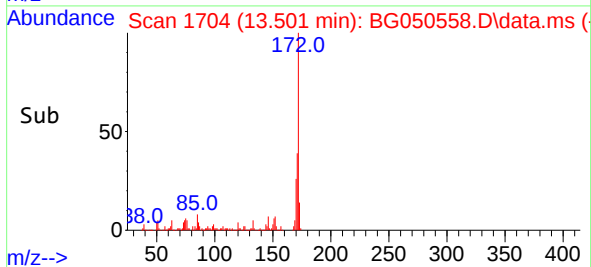
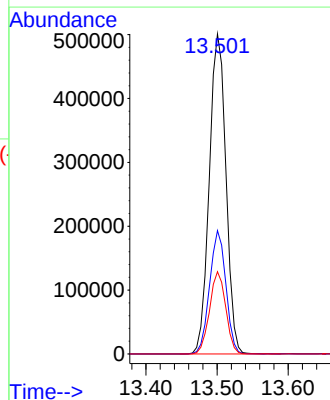
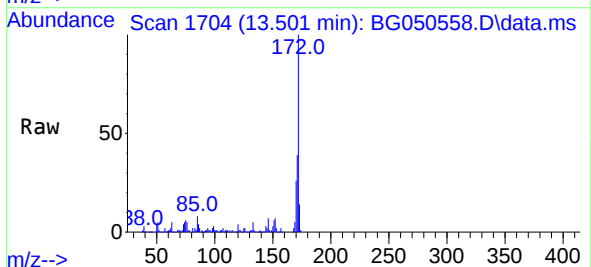
Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

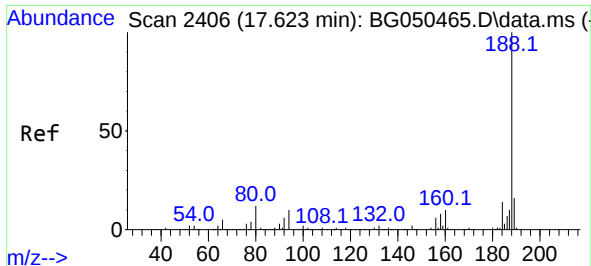
Tgt Ion:330 Resp: 177907  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.3 115.9  
141 54.1 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 77.60 ng  
RT: 13.501 min Scan# 1704  
Delta R.T. -0.004 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

Tgt Ion:172 Resp: 818339  
Ion Ratio Lower Upper  
172 100  
171 38.5 28.6 43.0  
170 25.7 18.6 27.8

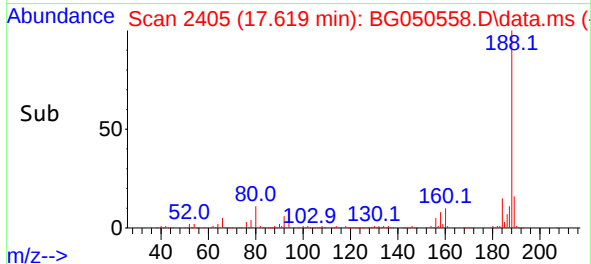
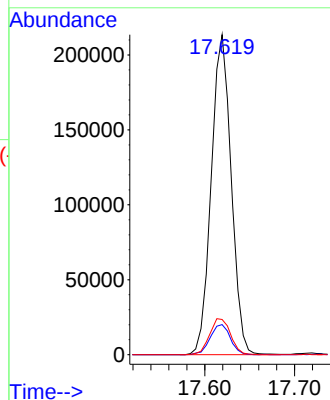
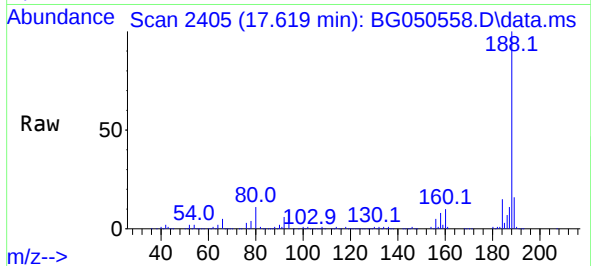




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.619 min Scan# 2405  
Delta R.T. -0.004 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

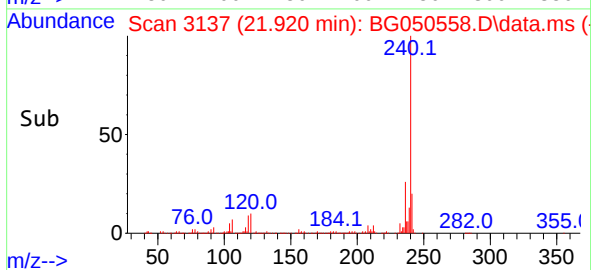
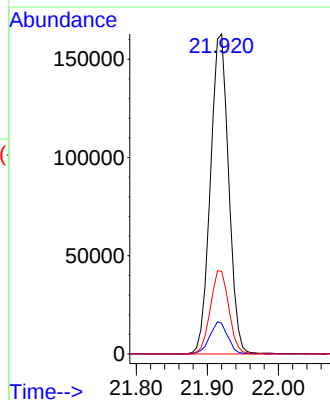
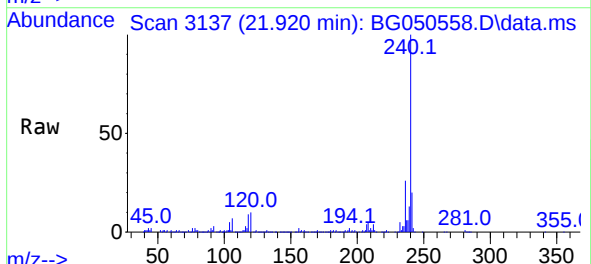
Instrument :  
BNA\_G  
ClientSampleId :  
T8-COMP-(1-4)

Tgt Ion:188 Resp: 329328  
Ion Ratio Lower Upper  
188 100  
94 9.4 5.4 8.0#  
80 11.0 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.920 min Scan# 3137  
Delta R.T. 0.002 min  
Lab File: BG050558.D  
Acq: 12 Oct 2021 18:29

Tgt Ion:240 Resp: 290442  
Ion Ratio Lower Upper  
240 100  
120 9.6 4.2 6.2#  
236 25.9 21.8 32.6

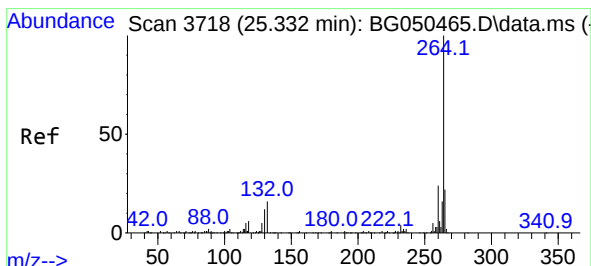
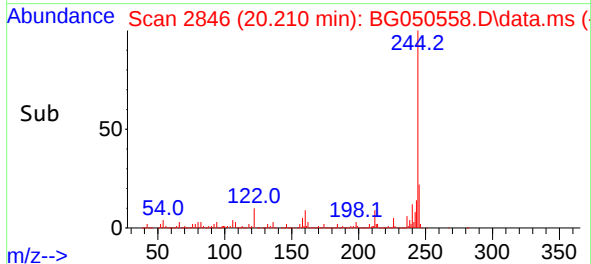
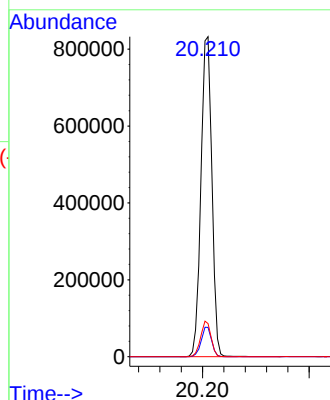
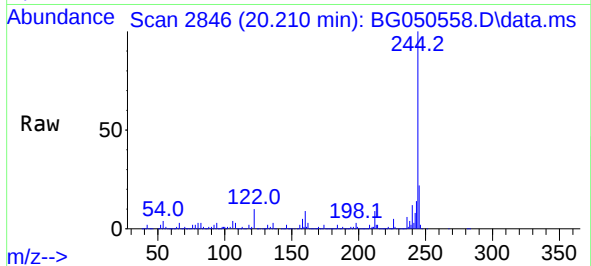




#79  
 Terphenyl-d14  
 Concen: 79.41 ng  
 RT: 20.210 min Scan# 2846  
 Delta R.T. 0.002 min  
 Lab File: BG050558.D  
 Acq: 12 Oct 2021 18:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T8-COMP-(1-4)

Tgt Ion:244 Resp: 1183446  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 6.9 10.3  
 122 10.4 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.334 min Scan# 3718  
 Delta R.T. 0.002 min  
 Lab File: BG050558.D  
 Acq: 12 Oct 2021 18:29

Tgt Ion:264 Resp: 283076  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 23.1 16.9 25.3

