

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101821\  
 Data File : BG050616.D  
 Acq On : 18 Oct 2021 13:58  
 Operator : CG/JU  
 Sample : PB139968BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB139968BL

Quant Time: Oct 18 15:05:41 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.254  | 152  | 38420    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.080 | 136  | 171465   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.876 | 164  | 118379   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.620 | 188  | 289141   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.915 | 240  | 253230   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.334 | 264  | 241429   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.792  | 112  | 356366   | 138.72 | ng    | 0.00     |
| 7) Phenol-d6                | 7.396  | 99   | 482672   | 129.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.429  | 82   | 339721   | 82.02  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.356 | 330  | 145382   | 128.76 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.501 | 172  | 644580   | 81.95  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.205 | 244  | 1106576  | 85.16  | ng    | 0.00     |

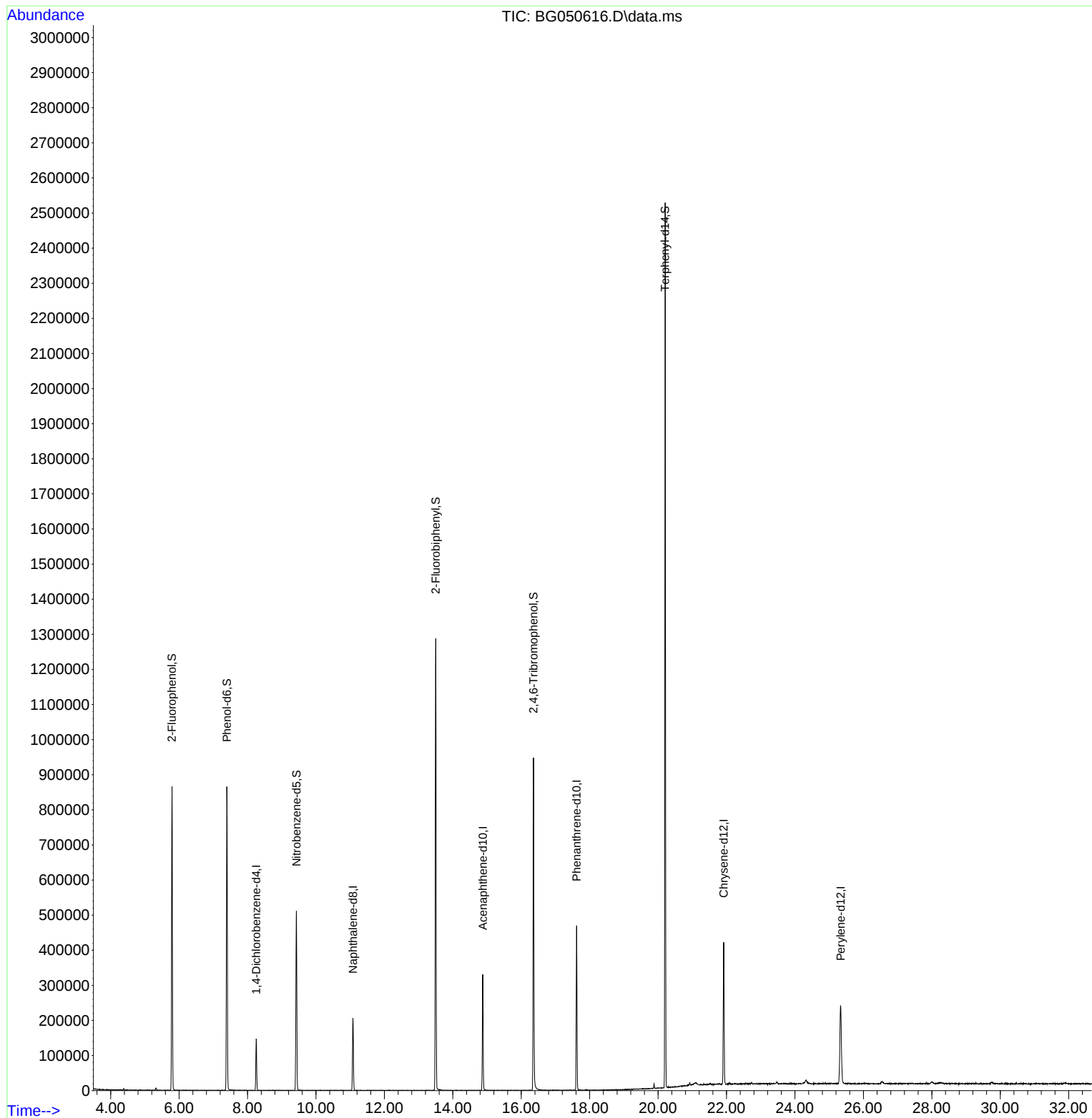
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

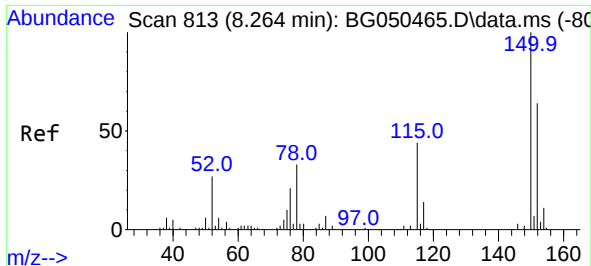
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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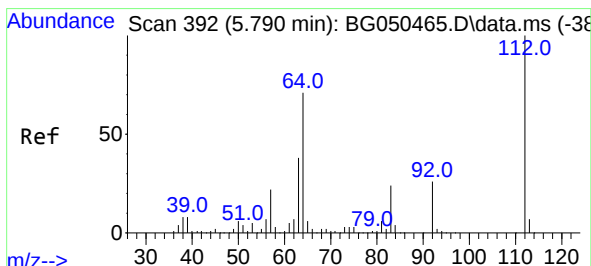
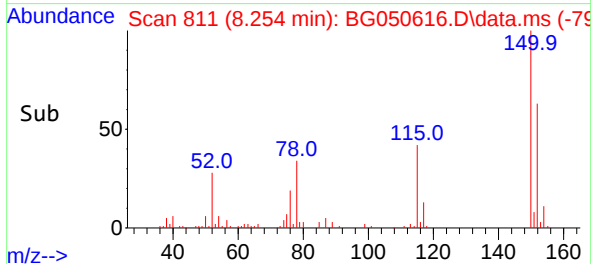
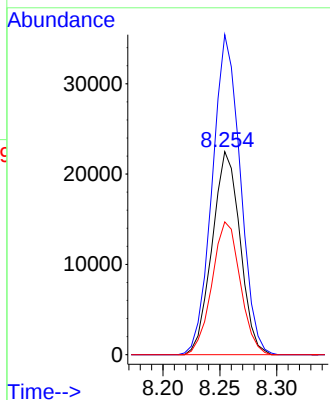
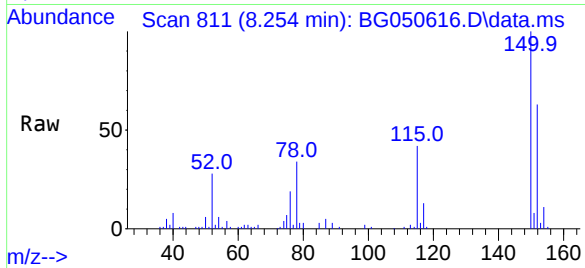




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.254 min Scan# 811  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

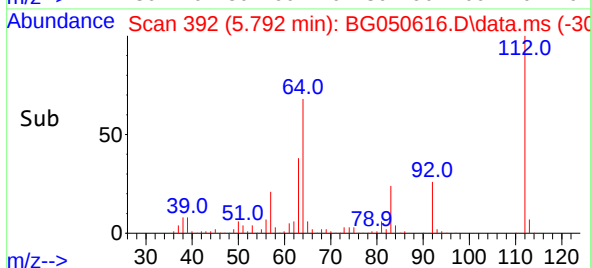
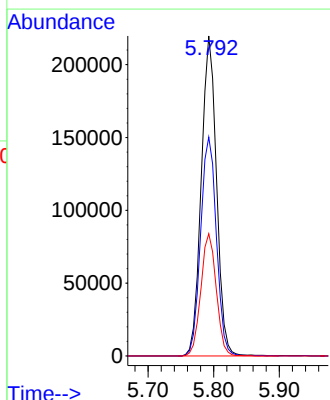
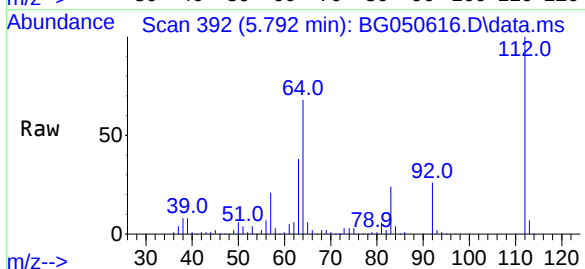
Instrument :  
BNA\_G  
ClientSampleId :  
PB139968BL

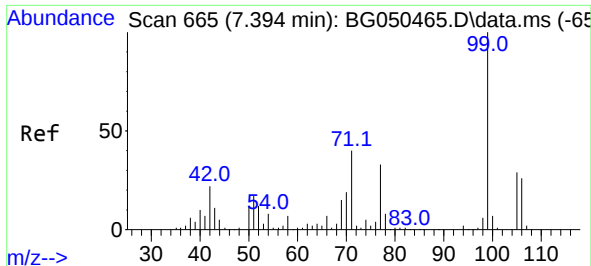
Tgt Ion:152 Resp: 38420  
Ion Ratio Lower Upper  
152 100  
150 157.6 119.4 179.0  
115 65.4 60.2 90.4



#5  
2-Fluorophenol  
Concen: 138.72 ng  
RT: 5.792 min Scan# 392  
Delta R.T. 0.002 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

Tgt Ion:112 Resp: 356366  
Ion Ratio Lower Upper  
112 100  
64 68.4 46.7 70.1  
63 38.2 35.3 52.9

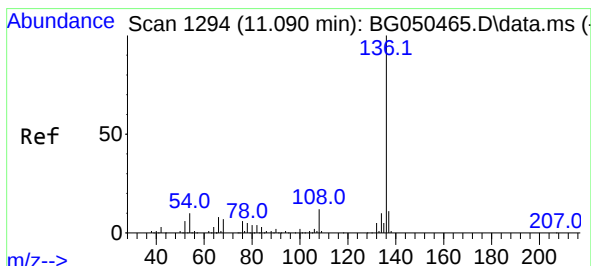
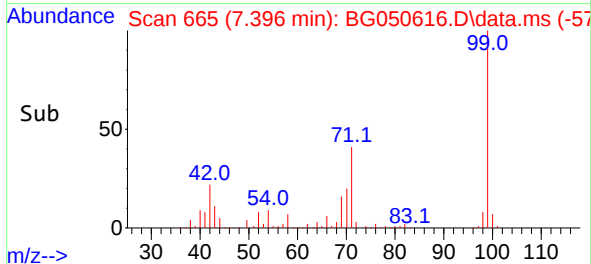
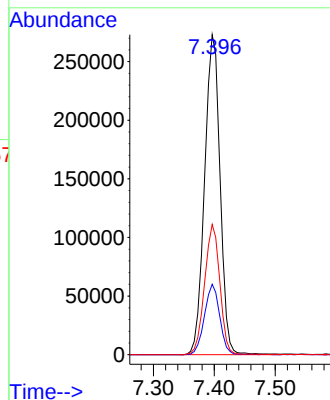
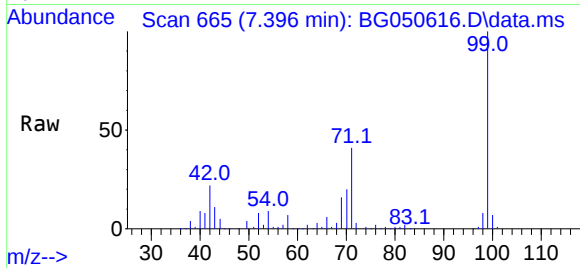




#7  
Phenol-d6  
Concen: 129.77 ng  
RT: 7.396 min Scan# 665  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

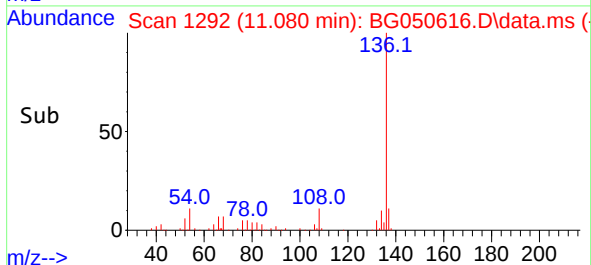
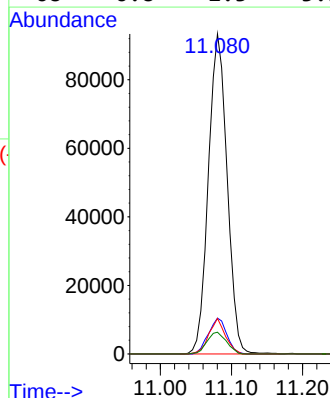
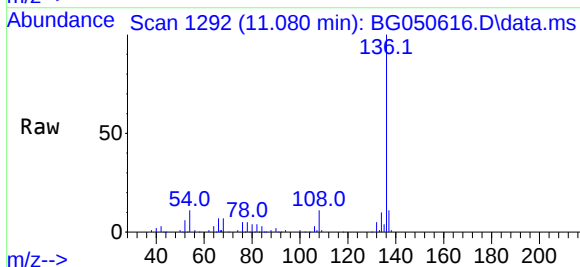
Instrument :  
BNA\_G  
ClientSampleId :  
PB139968BL

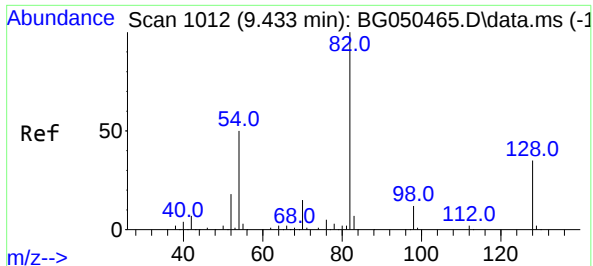
Tgt Ion: 99 Resp: 482672  
Ion Ratio Lower Upper  
99 100  
42 22.0 20.5 30.7  
71 40.7 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.080 min Scan# 1292  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

Tgt Ion: 136 Resp: 171465  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.2  
54 11.1 5.5 8.3#  
68 6.8 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 82.02 ng

RT: 9.429 min Scan# 1011

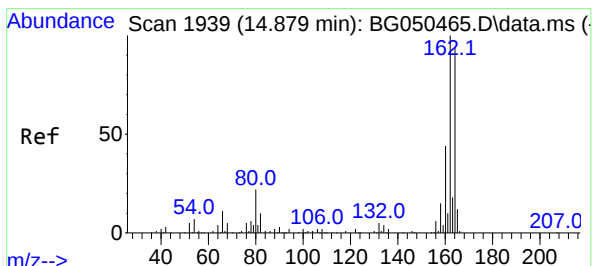
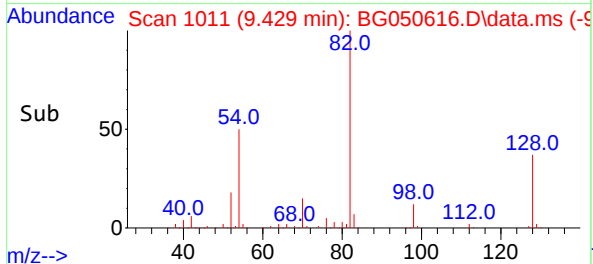
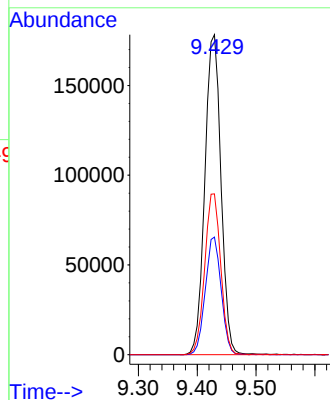
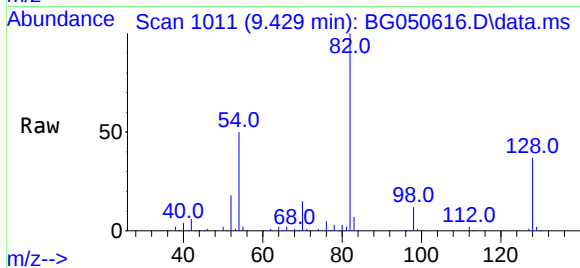
Delta R.T. 0.002 min

Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

Tgt Ion: 82 Resp: 339721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.8  | 29.8  | 44.6  |
| 54  | 50.3  | 45.8  | 68.8  |



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.876 min Scan# 1938

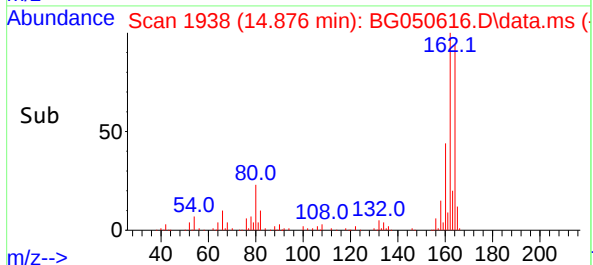
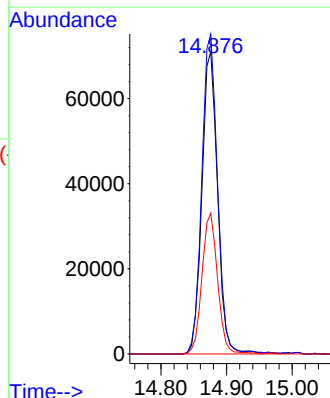
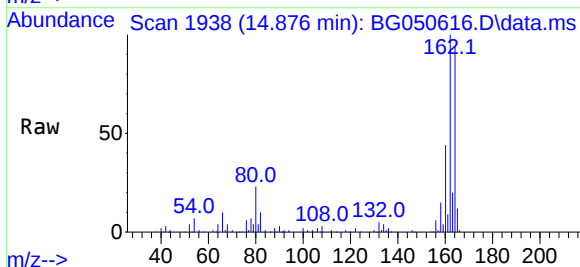
Delta R.T. 0.002 min

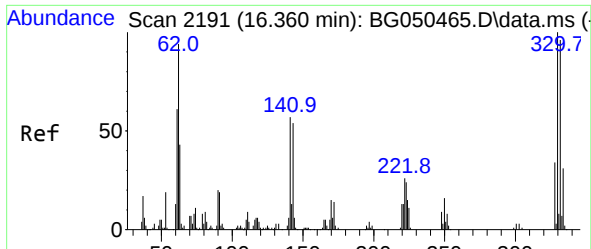
Lab File: BG050616.D

Acq: 18 Oct 2021 13:58

Tgt Ion: 164 Resp: 118379

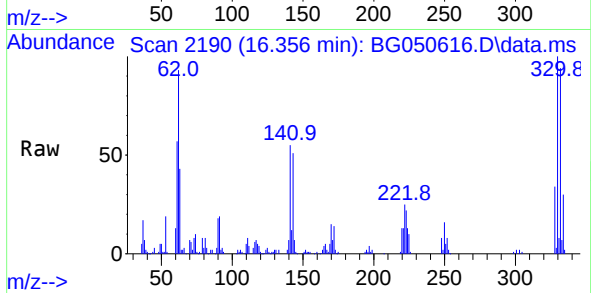
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.9 | 81.4  | 122.0 |
| 160 | 46.5  | 34.9  | 52.3  |



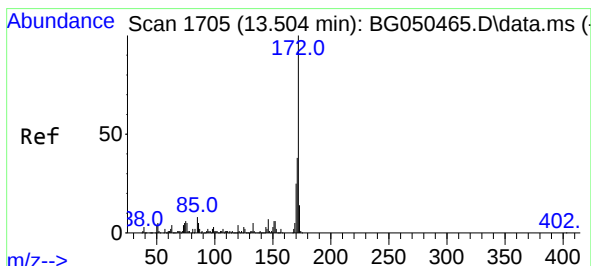
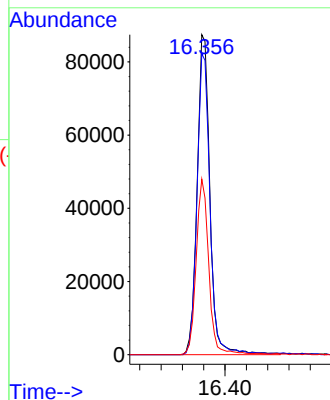
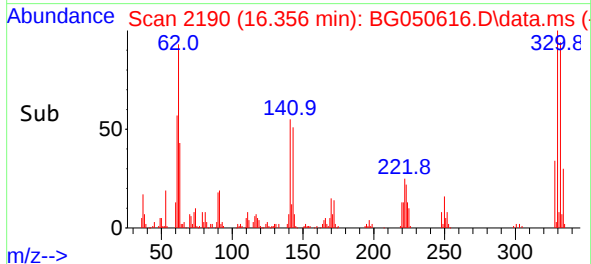


#42  
2,4,6-Tribromophenol  
Concen: 128.76 ng  
RT: 16.356 min Scan# 2190  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

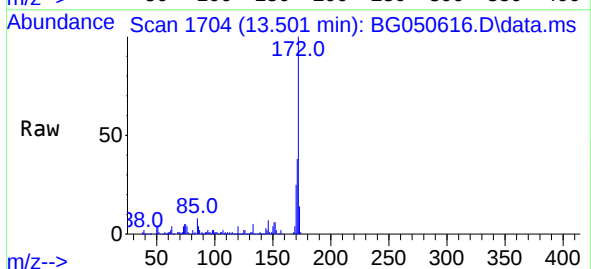
Instrument :  
BNA\_G  
ClientSampleId :  
PB139968BL



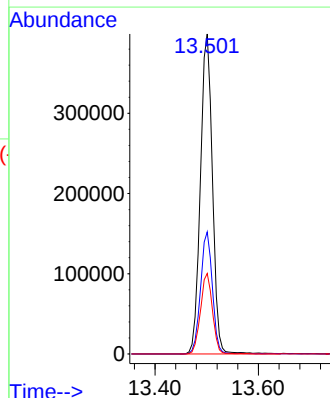
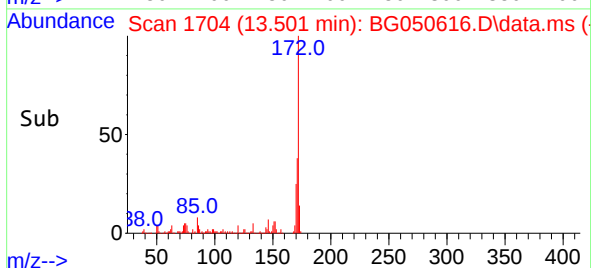
Tgt Ion:330 Resp: 145382  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 53.9 35.6 53.4#

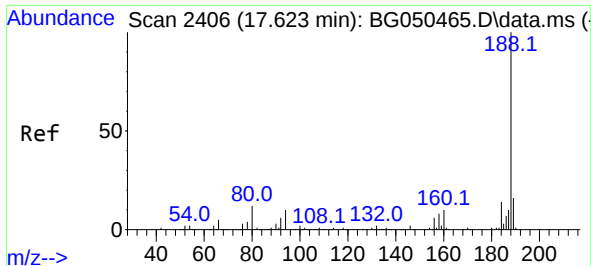


#45  
2-Fluorobiphenyl  
Concen: 81.95 ng  
RT: 13.501 min Scan# 1704  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58



Tgt Ion:172 Resp: 644580  
Ion Ratio Lower Upper  
172 100  
171 38.2 28.6 43.0  
170 25.2 18.6 27.8

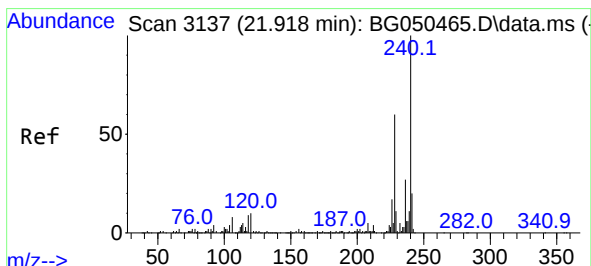
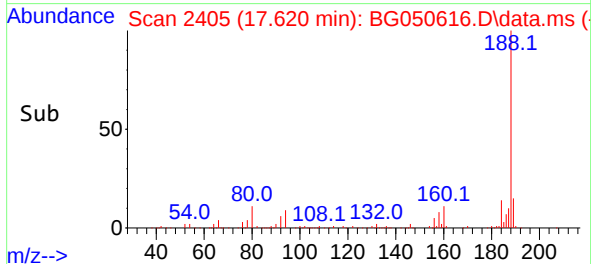
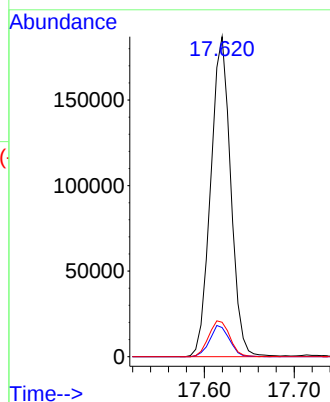
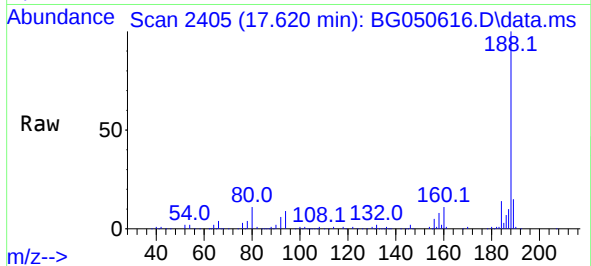




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.620 min Scan# 2405  
Delta R.T. 0.002 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

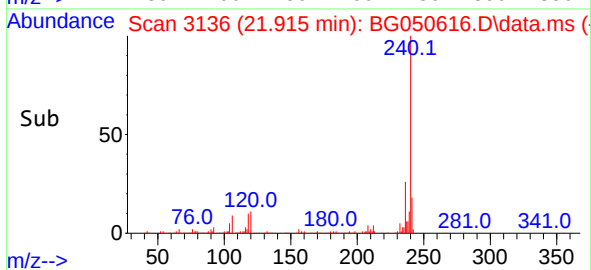
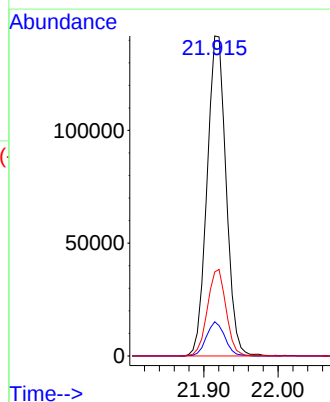
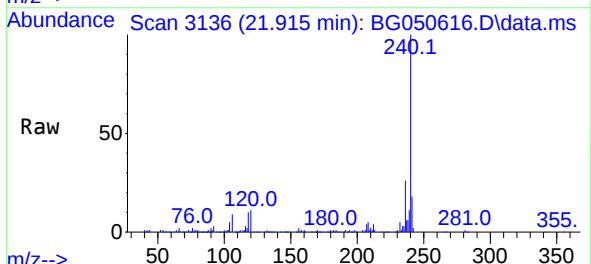
Instrument :  
BNA\_G  
ClientSampleId :  
PB139968BL

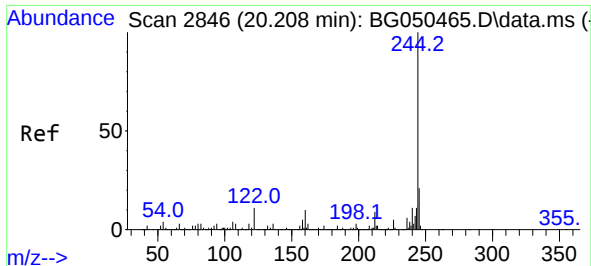
Tgt Ion:188 Resp: 289141  
Ion Ratio Lower Upper  
188 100  
94 9.1 5.4 8.0#  
80 10.8 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.915 min Scan# 3136  
Delta R.T. -0.010 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

Tgt Ion:240 Resp: 253230  
Ion Ratio Lower Upper  
240 100  
120 10.7 4.2 6.2#  
236 26.3 21.8 32.6

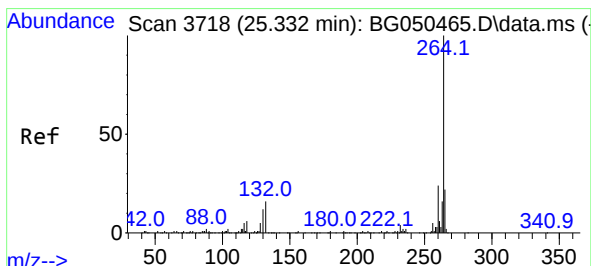
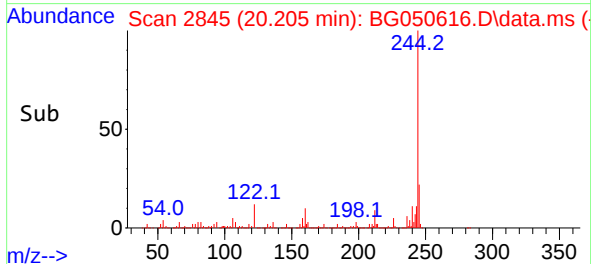
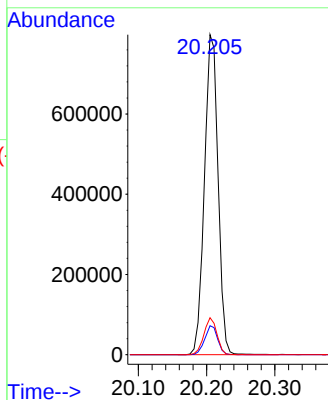
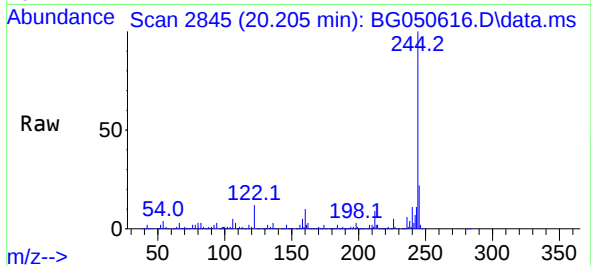




#79  
Terphenyl-d14  
Concen: 85.16 ng  
RT: 20.205 min Scan# 2845  
Delta R.T. -0.004 min  
Lab File: BG050616.D  
Acq: 18 Oct 2021 13:58

Instrument :  
BNA\_G  
ClientSampleId :  
PB139968BL

Tgt Ion:244 Resp: 1106576  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.9 10.3  
122 11.5 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: BG050616.D  
Acq: 18 Oct 2021 13:58

Tgt Ion:264 Resp: 241429  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.2  
265 21.0 16.9 25.3

