

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101921\  
 Data File : BG050640.D  
 Acq On : 19 Oct 2021 18:32  
 Operator : CG/JU  
 Sample : M4249-11  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP2-(D)

Quant Time: Oct 20 04:47:45 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   | 8.252  | 152  | 38450    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.079 | 136  | 158446   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.868 | 164  | 103927   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.612 | 188  | 248760   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.913 | 240  | 226249   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.321 | 264  | 221823   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.796  | 112  | 359138   | 139.69 | ng    | 0.00     |
| 7) Phenol-d6                | 7.395  | 99   | 444206   | 119.34 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.422  | 82   | 377323   | 98.58  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 159668   | 161.07 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.493 | 172  | 670372   | 97.08  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.203 | 244  | 1144766  | 98.61  | ng    | 0.00     |

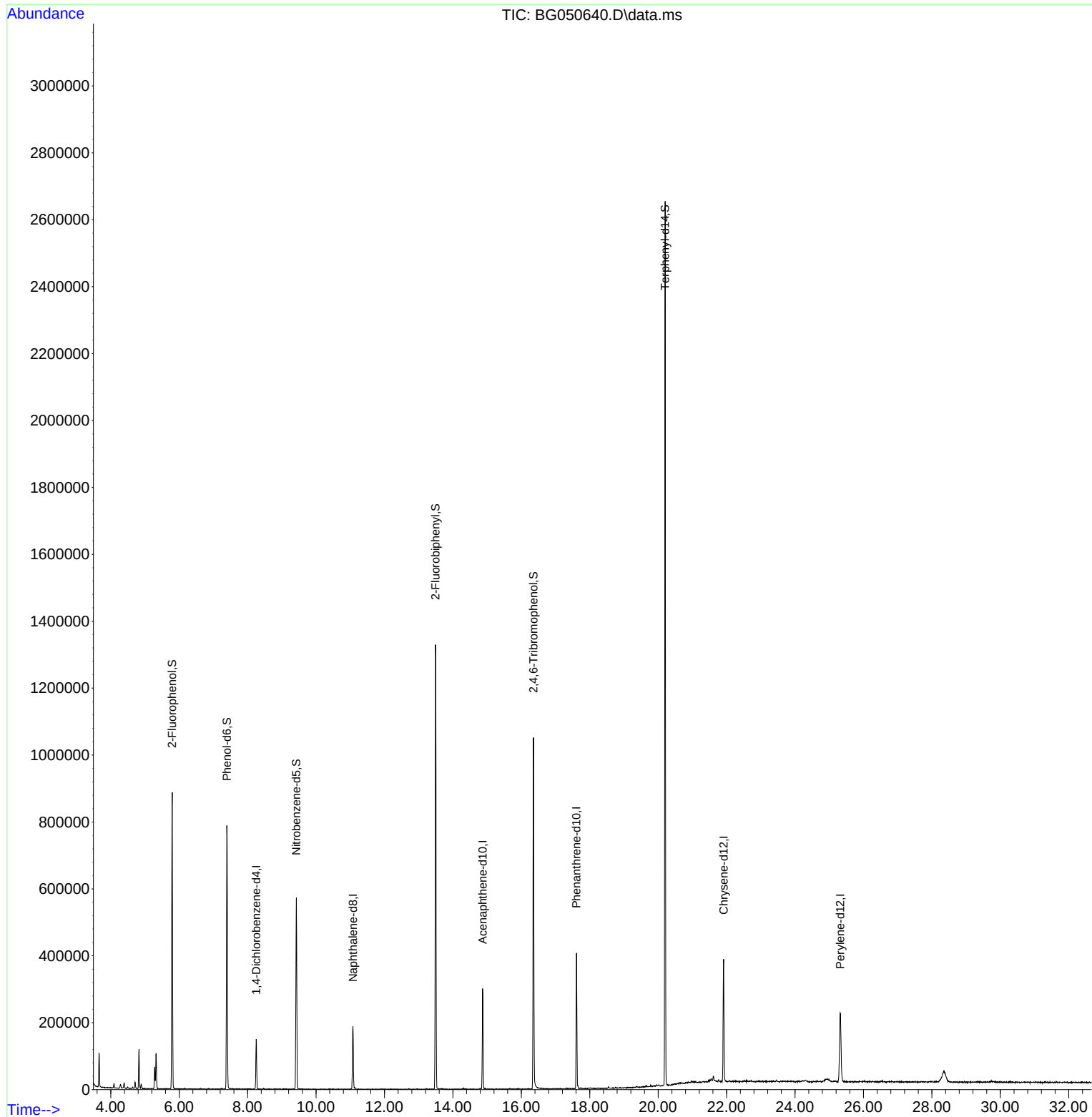
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

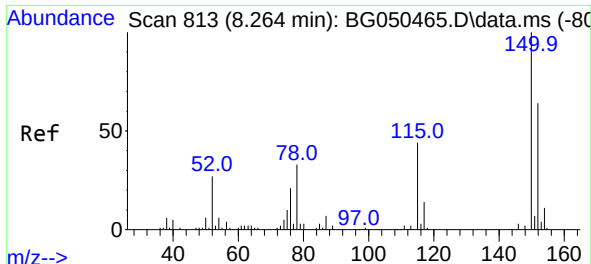
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
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TP2-(D)

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QLast Update : Thu Oct 14 10:56:22 2021  
Response via : Initial Calibration

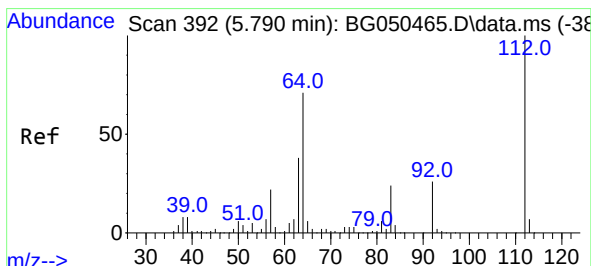
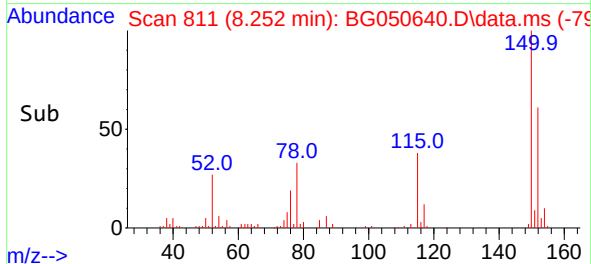
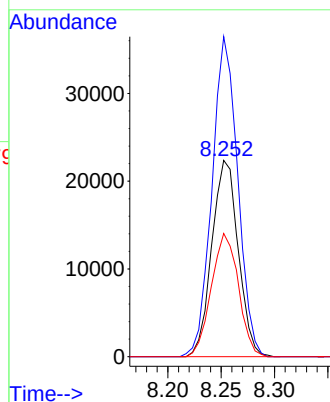
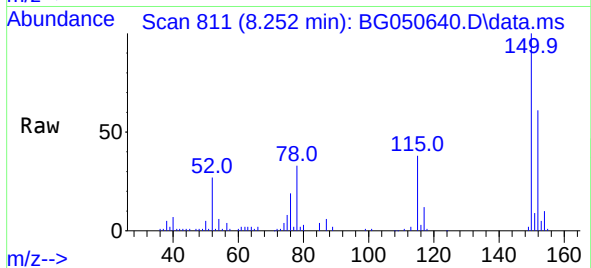




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.252 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

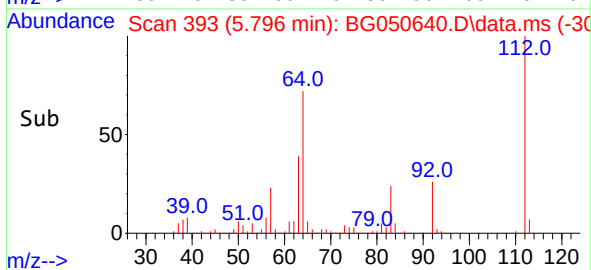
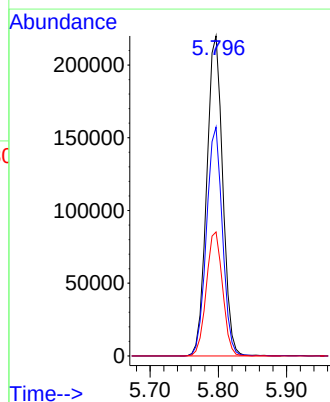
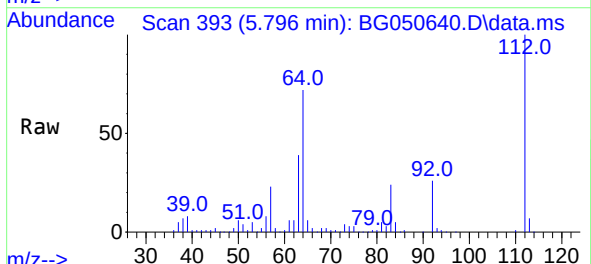
Instrument :  
BNA\_G  
ClientSampleId :  
TP2-(D)

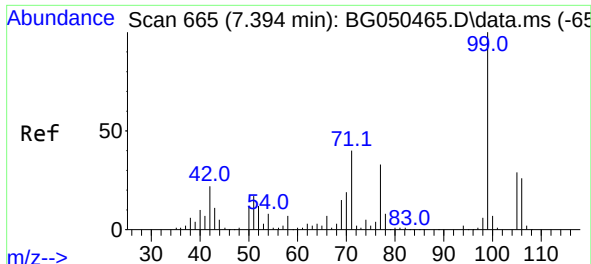
Tgt Ion:152 Resp: 38450  
Ion Ratio Lower Upper  
152 100  
150 163.0 119.4 179.0  
115 62.8 60.2 90.4



#5  
2-Fluorophenol  
Concen: 139.69 ng  
RT: 5.796 min Scan# 393  
Delta R.T. 0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Tgt Ion:112 Resp: 359138  
Ion Ratio Lower Upper  
112 100  
64 71.5 46.7 70.1#  
63 38.8 35.3 52.9

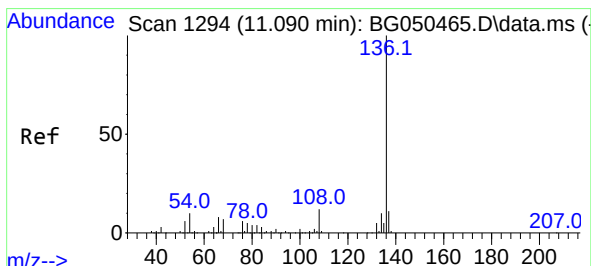
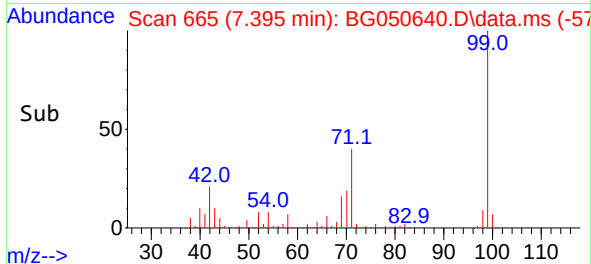
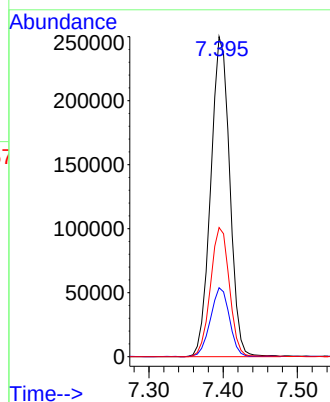
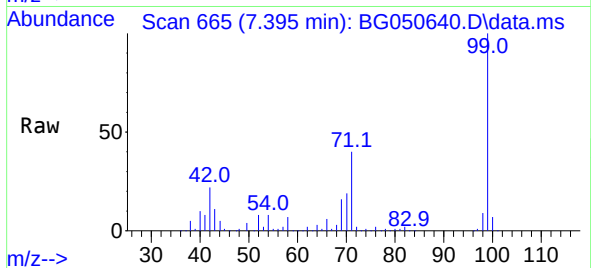




#7  
Phenol-d6  
Concen: 119.34 ng  
RT: 7.395 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

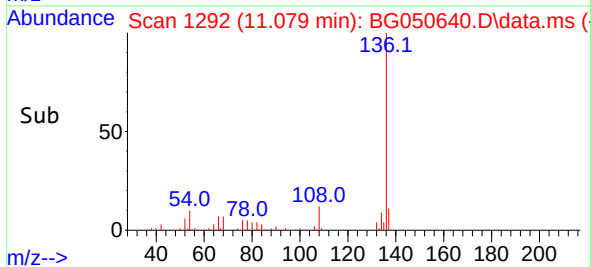
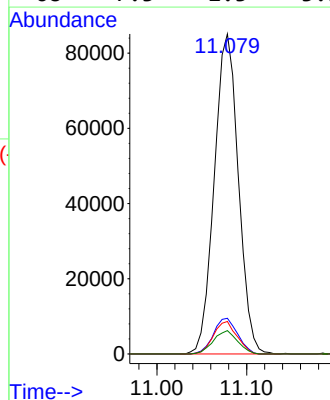
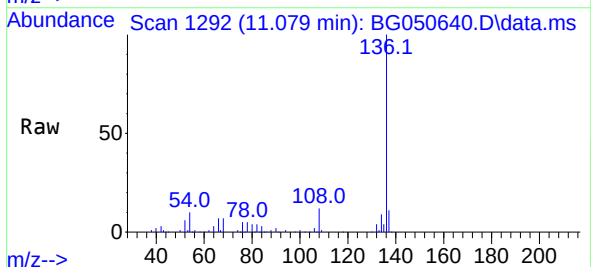
Instrument :  
BNA\_G  
ClientSampleId :  
TP2-(D)

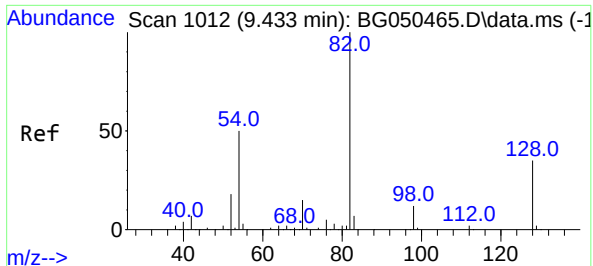
Tgt Ion: 99 Resp: 444206  
Ion Ratio Lower Upper  
99 100  
42 21.5 20.5 30.7  
71 40.3 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.079 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Tgt Ion:136 Resp: 158446  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.2  
54 10.1 5.5 8.3#  
68 7.3 2.3 3.5#



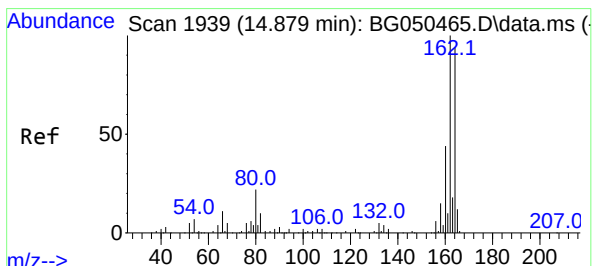
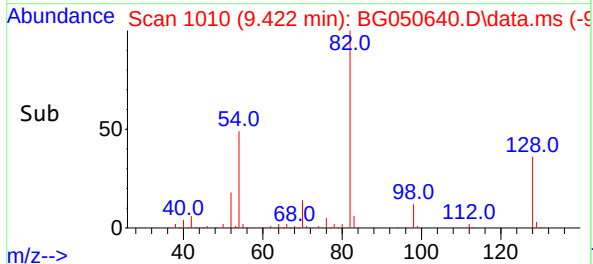
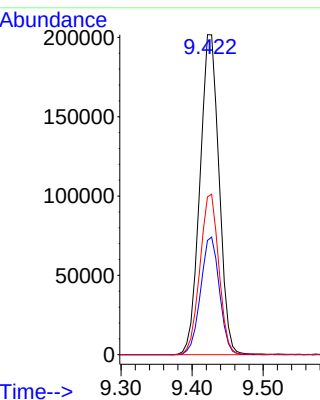
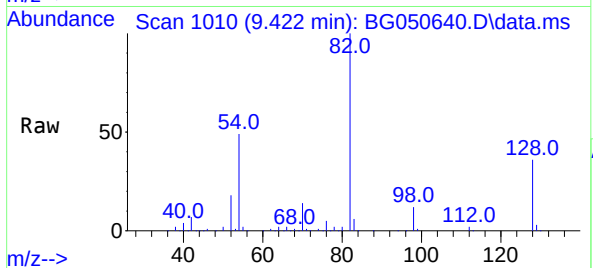


#23  
Nitrobenzene-d5  
Concen: 98.58 ng  
RT: 9.422 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Instrument :  
BNA\_G  
ClientSampleId :  
TP2-(D)

Tgt Ion: 82 Resp: 377323

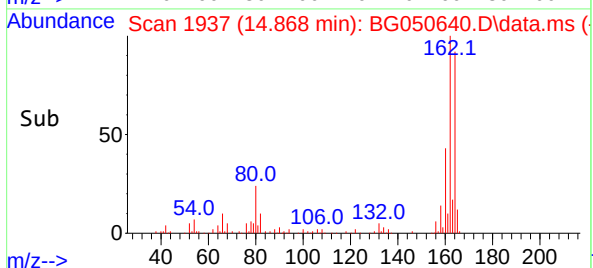
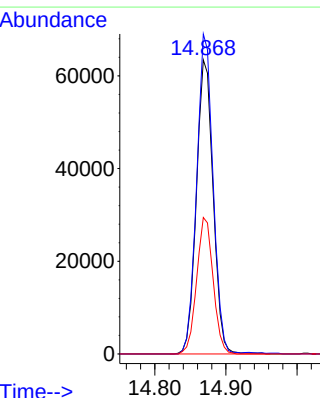
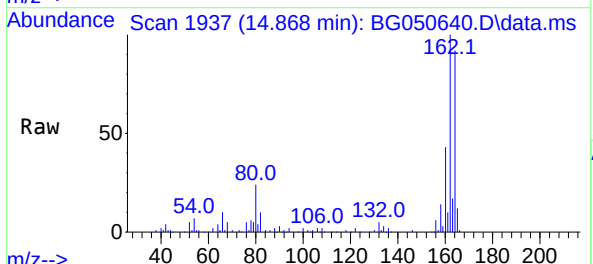
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.7  | 29.8  | 44.6  |
| 54  | 49.3  | 45.8  | 68.8  |

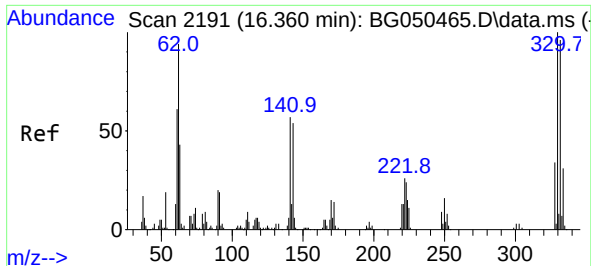


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.868 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Tgt Ion: 164 Resp: 103927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 108.8 | 81.4  | 122.0 |
| 160 | 46.4  | 34.9  | 52.3  |

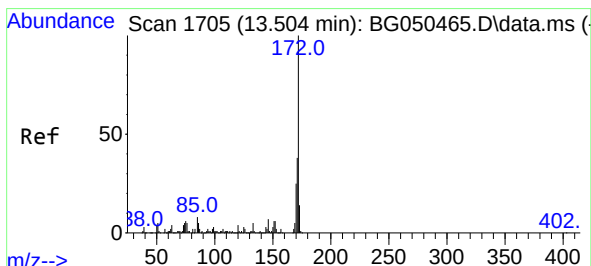
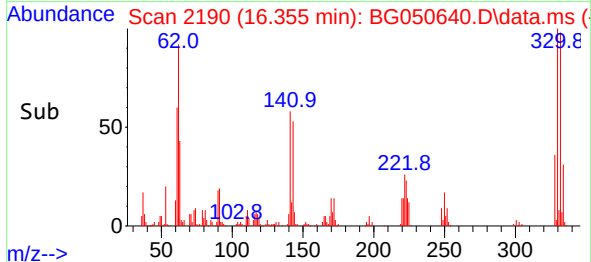
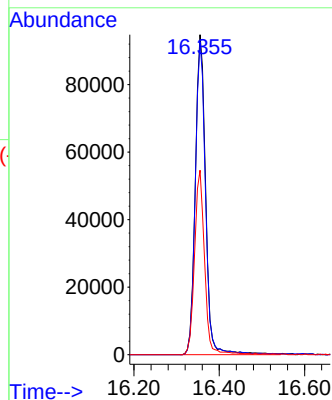
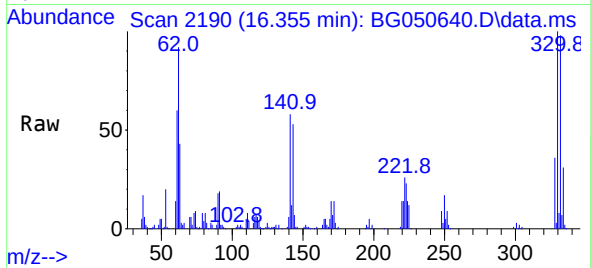




#42  
2,4,6-Tribromophenol  
Concen: 161.07 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

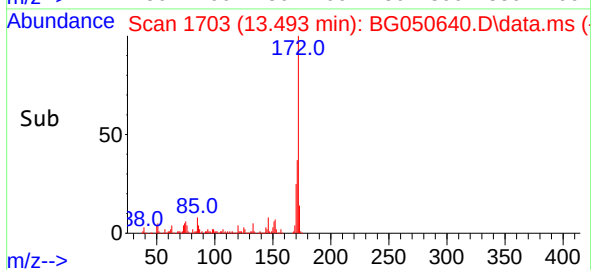
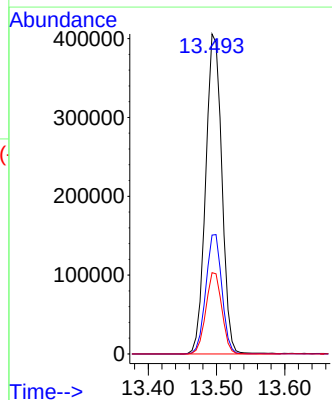
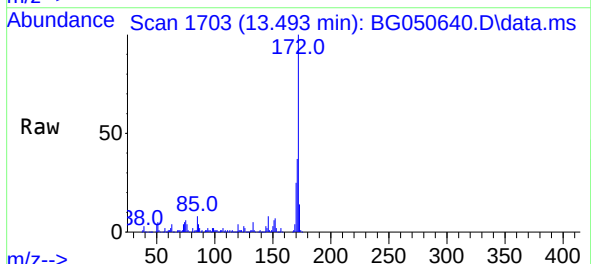
Instrument :  
BNA\_G  
ClientSampleId :  
TP2-(D)

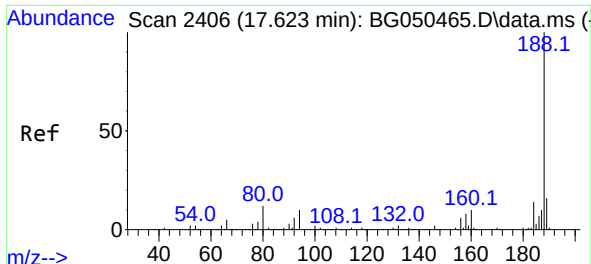
Tgt Ion:330 Resp: 159668  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.3 115.9  
141 55.9 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 97.08 ng  
RT: 13.493 min Scan# 1703  
Delta R.T. -0.012 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Tgt Ion:172 Resp: 670372  
Ion Ratio Lower Upper  
172 100  
171 37.2 28.6 43.0  
170 25.4 18.6 27.8

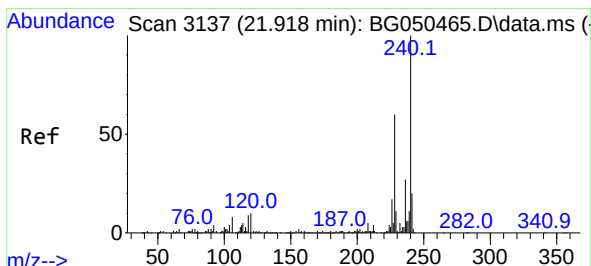
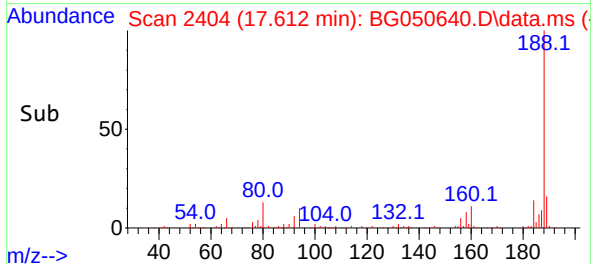
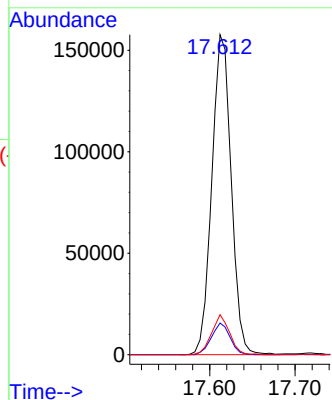
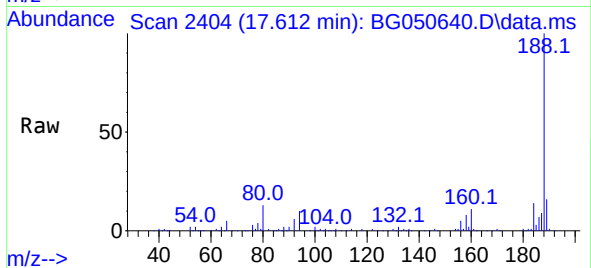




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.612 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

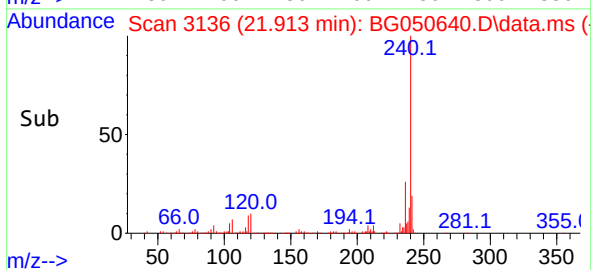
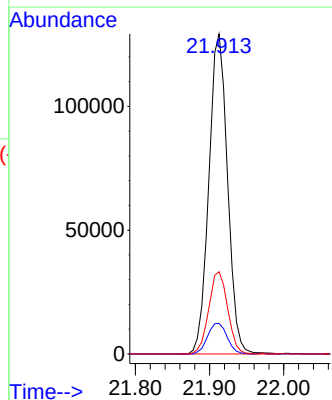
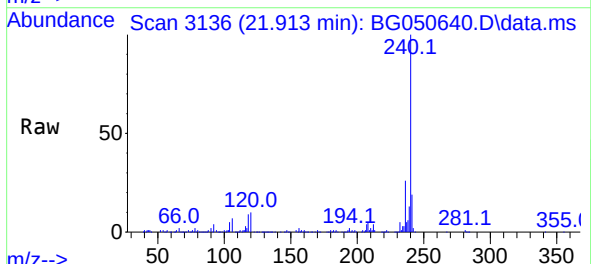
Instrument :  
BNA\_G  
ClientSampleId :  
TP2-(D)

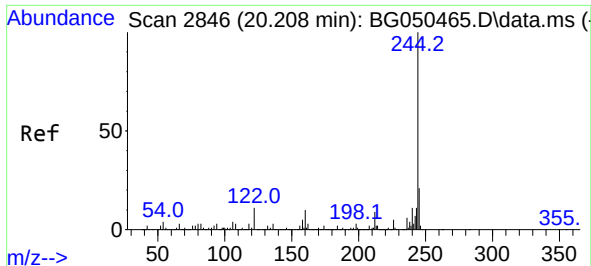
Tgt Ion:188 Resp: 248760  
Ion Ratio Lower Upper  
188 100  
94 9.9 5.4 8.0#  
80 12.5 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.913 min Scan# 3136  
Delta R.T. -0.012 min  
Lab File: BG050640.D  
Acq: 19 Oct 2021 18:32

Tgt Ion:240 Resp: 226249  
Ion Ratio Lower Upper  
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120 9.6 4.2 6.2#  
236 25.7 21.8 32.6

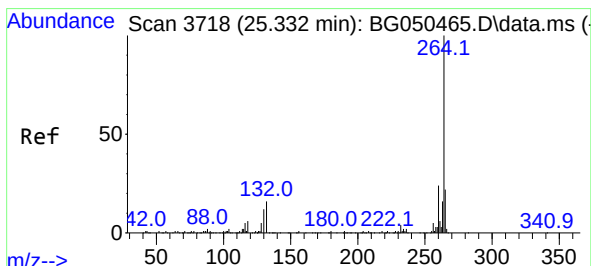
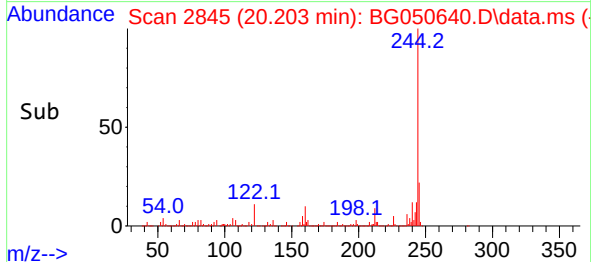
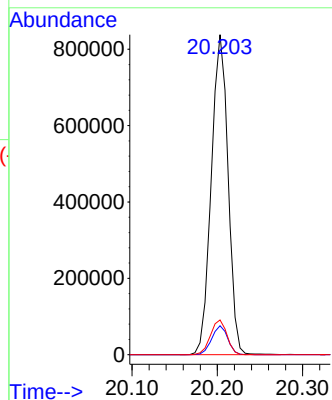
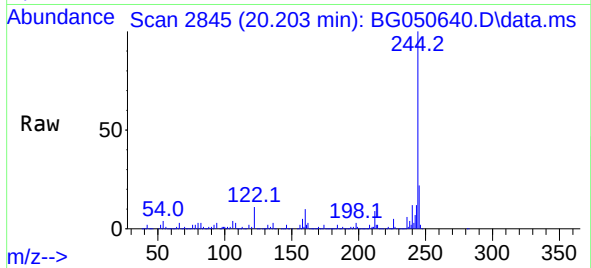




#79  
 Terphenyl-d14  
 Concen: 98.61 ng  
 RT: 20.203 min Scan# 2845  
 Delta R.T. -0.006 min  
 Lab File: BG050640.D  
 Acq: 19 Oct 2021 18:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP2-(D)

Tgt Ion:244 Resp: 1144766  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 6.9 10.3  
 122 10.8 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.321 min Scan# 3716  
 Delta R.T. -0.012 min  
 Lab File: BG050640.D  
 Acq: 19 Oct 2021 18:32

Tgt Ion:264 Resp: 221823  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.4 29.2  
 265 21.9 16.9 25.3

