

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101821\  
 Data File : BG050626.D  
 Acq On : 18 Oct 2021 20:56  
 Operator : CG/JU  
 Sample : M4242-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T2-COMP-(1-4)

Quant Time: Oct 19 02:36:59 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   | 8.253  | 152  | 41121    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.079 | 136  | 174730   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.869 | 164  | 117048   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.613 | 188  | 275826   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.914 | 240  | 259028   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.327 | 264  | 253025   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.791  | 112  | 312396   | 113.62 | ng    | 0.00     |
| 7) Phenol-d6                | 7.395  | 99   | 397288   | 99.80  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.422  | 82   | 326734   | 77.41  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 135183   | 121.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.494 | 172  | 587158   | 75.50  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.204 | 244  | 1035330  | 77.89  | ng    | 0.00     |

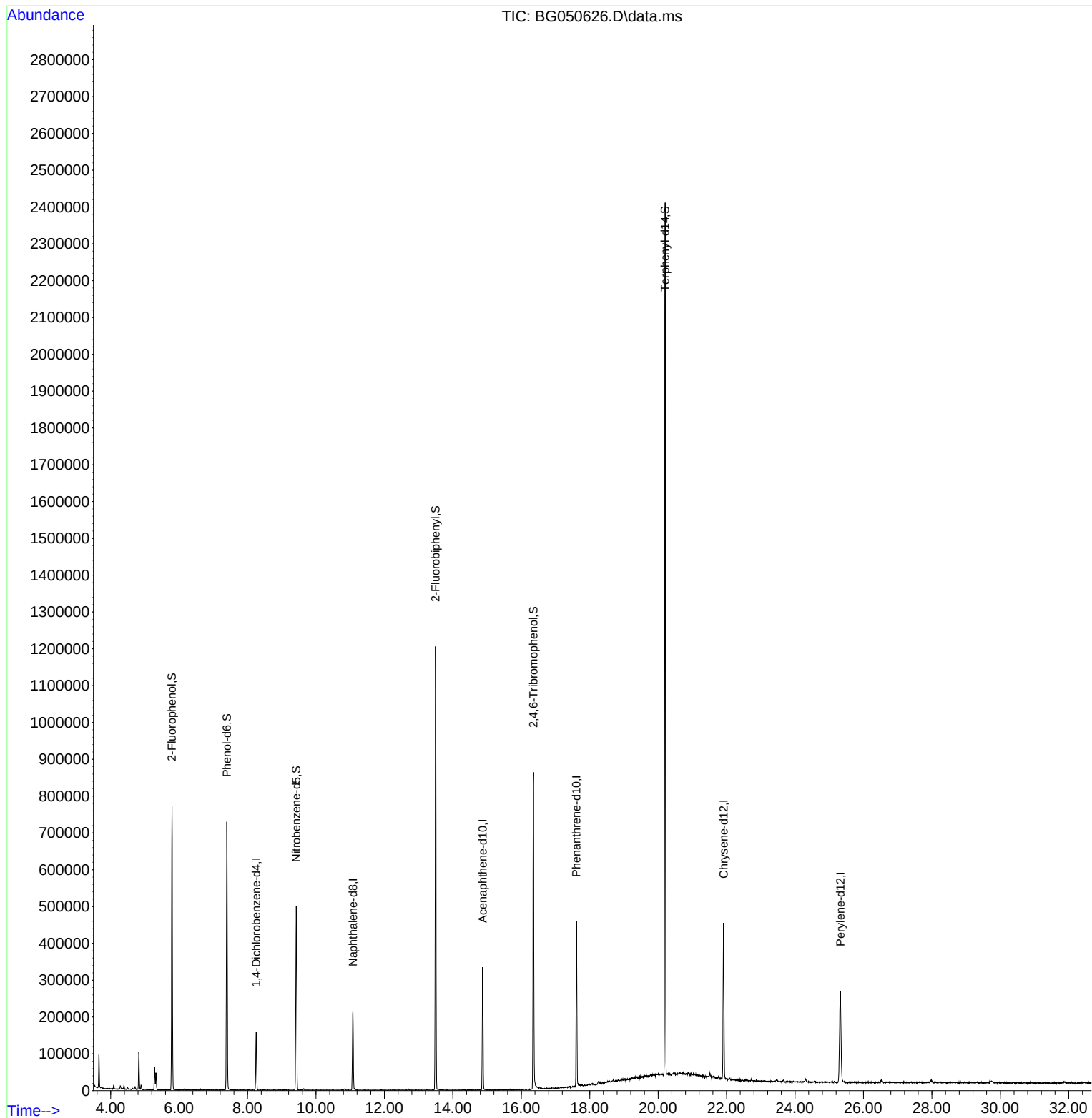
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

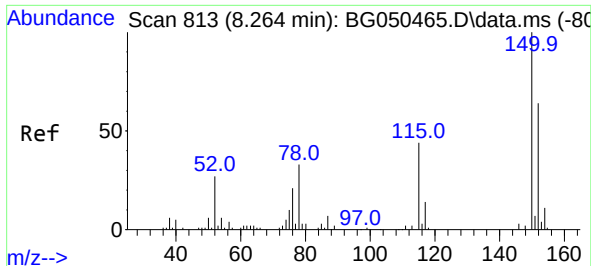
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101821\  
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Sample : M4242-22  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
T2-COMP-(1-4)

Quant Time: Oct 19 02:36:59 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

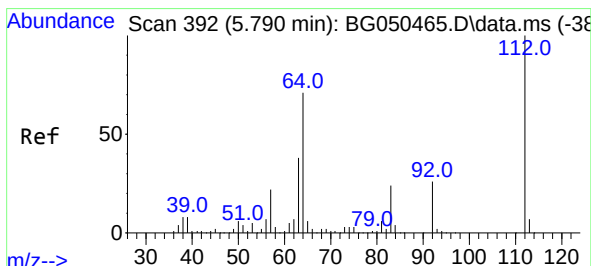
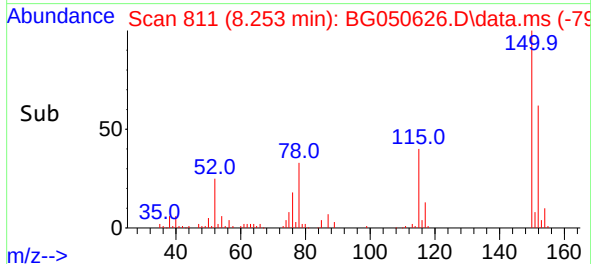
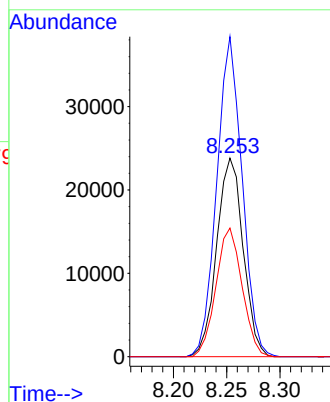
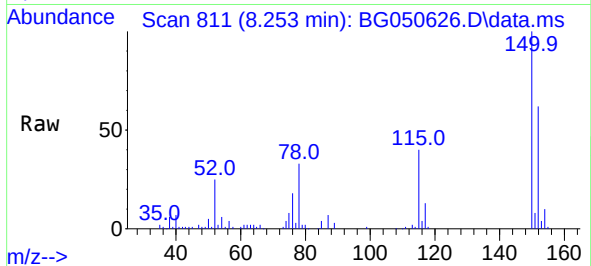




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.253 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

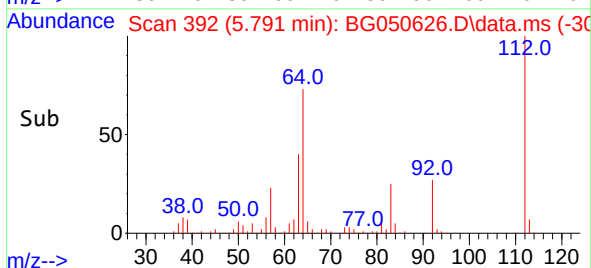
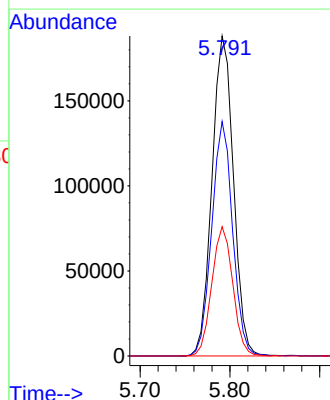
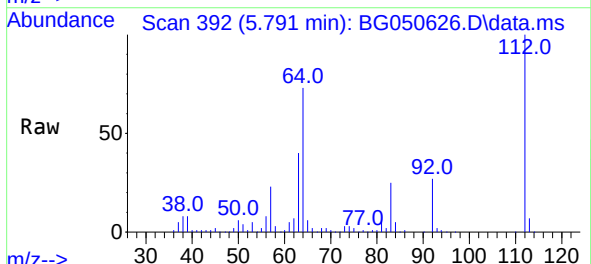
Instrument :  
BNA\_G  
ClientSampleId :  
T2-COMP-(1-4)

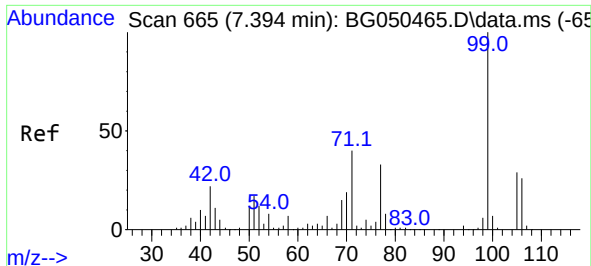
Tgt Ion:152 Resp: 41121  
Ion Ratio Lower Upper  
152 100  
150 161.1 119.4 179.0  
115 64.8 60.2 90.4



#5  
2-Fluorophenol  
Concen: 113.62 ng  
RT: 5.791 min Scan# 392  
Delta R.T. 0.001 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

Tgt Ion:112 Resp: 312396  
Ion Ratio Lower Upper  
112 100  
64 73.2 46.7 70.1#  
63 40.4 35.3 52.9

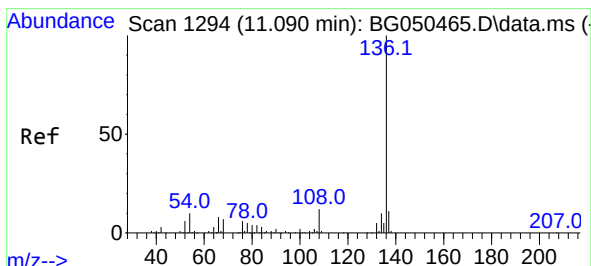
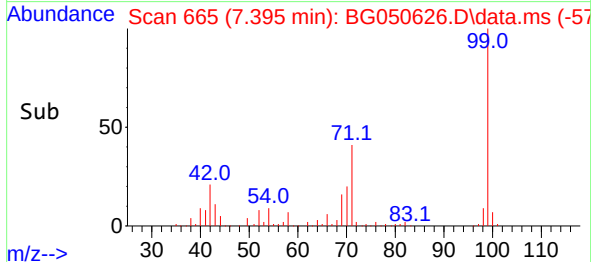
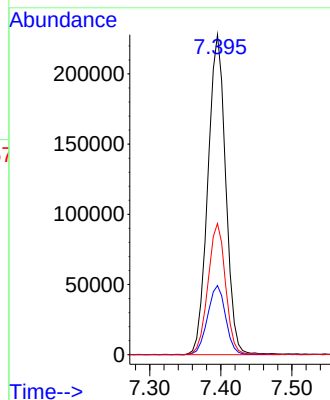
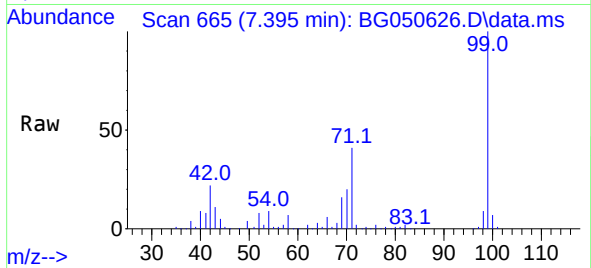




#7  
Phenol-d6  
Concen: 99.80 ng  
RT: 7.395 min Scan# 665  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

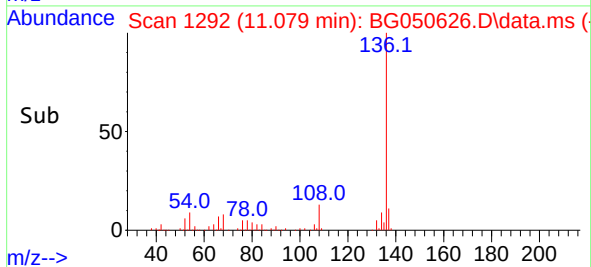
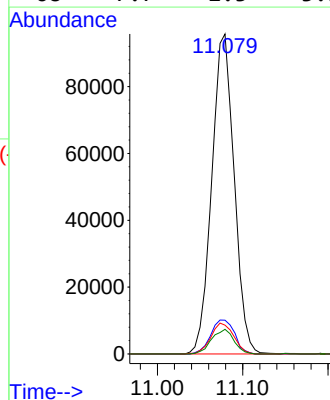
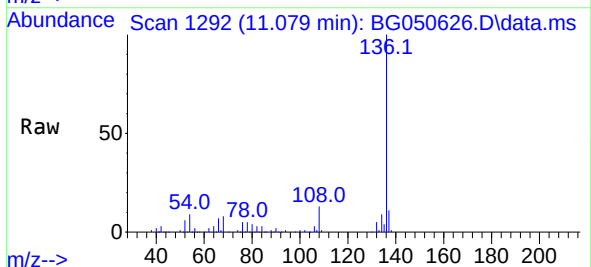
Instrument :  
BNA\_G  
ClientSampleId :  
T2-COMP-(1-4)

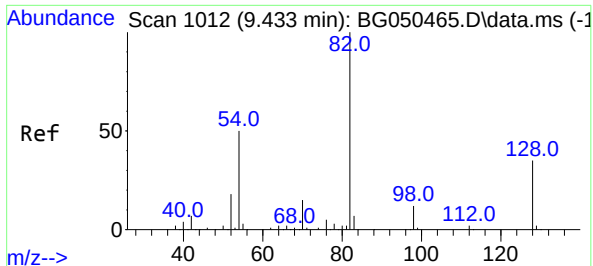
Tgt Ion: 99 Resp: 397288  
Ion Ratio Lower Upper  
99 100  
42 21.6 20.5 30.7  
71 41.0 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.079 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

Tgt Ion:136 Resp: 174730  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.2 12.2  
54 9.0 5.5 8.3#  
68 7.7 2.3 3.5#

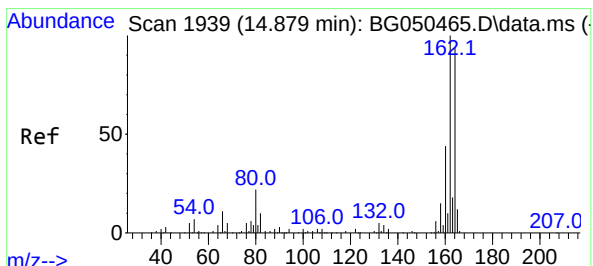
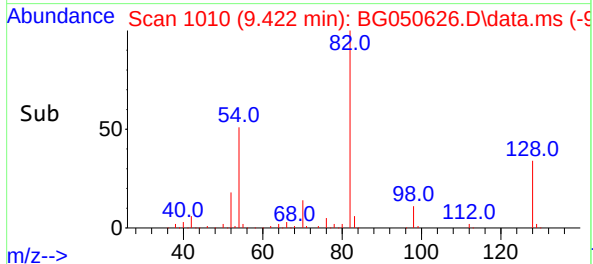
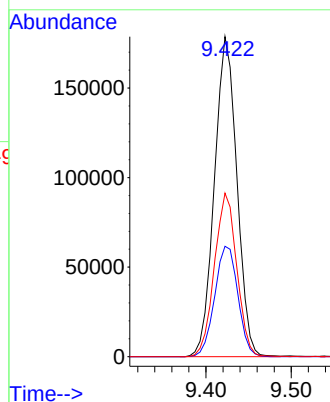
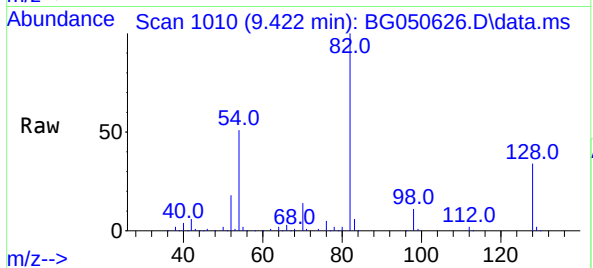




#23  
Nitrobenzene-d5  
Concen: 77.41 ng  
RT: 9.422 min Scan# 1010  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

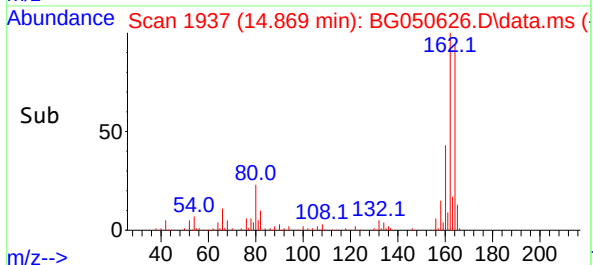
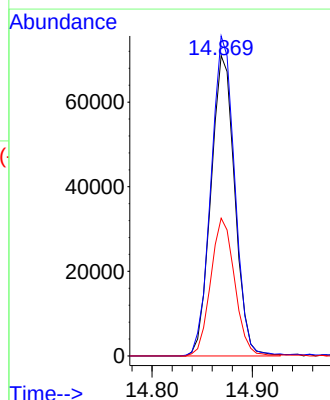
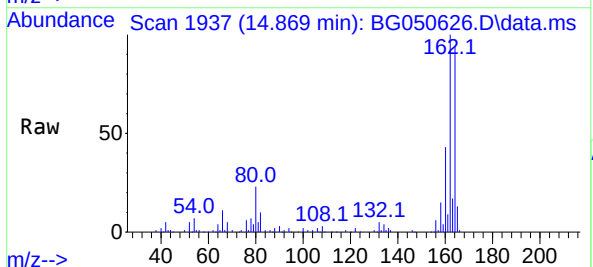
Instrument :  
BNA\_G  
ClientSampleId :  
T2-COMP-(1-4)

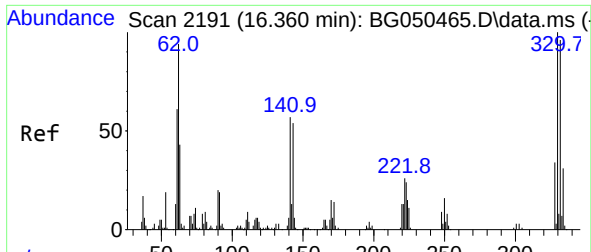
Tgt Ion: 82 Resp: 326734  
Ion Ratio Lower Upper  
82 100  
128 34.5 29.8 44.6  
54 51.1 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.869 min Scan# 1937  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

Tgt Ion:164 Resp: 117048  
Ion Ratio Lower Upper  
164 100  
162 106.5 81.4 122.0  
160 45.9 34.9 52.3

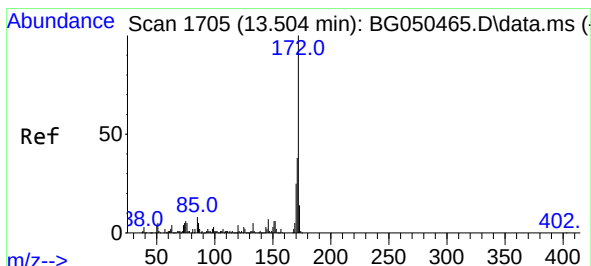
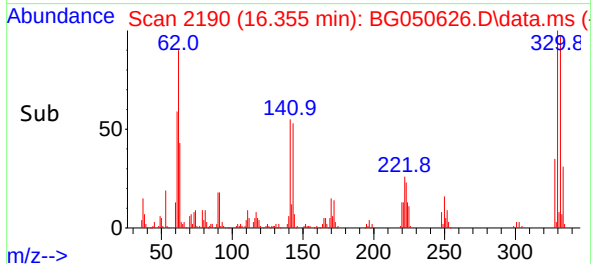
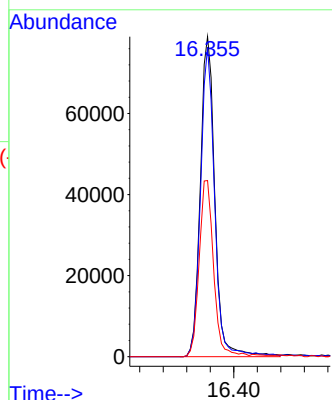
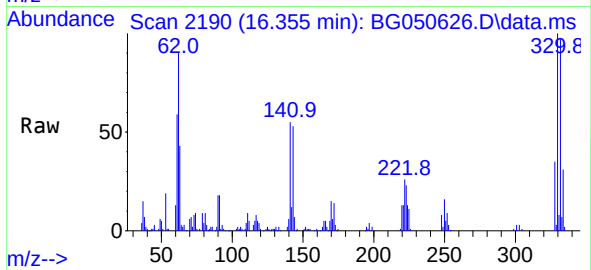




#42  
2,4,6-Tribromophenol  
Concen: 121.08 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

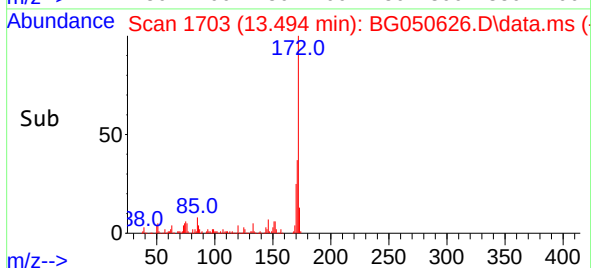
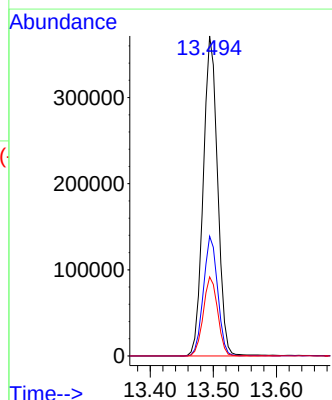
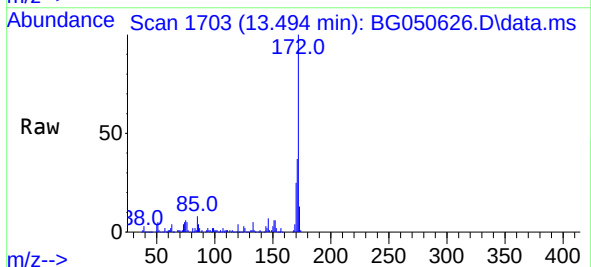
Instrument :  
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ClientSampleId :  
T2-COMP-(1-4)

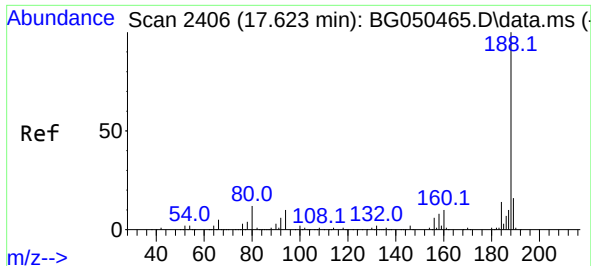
Tgt Ion:330 Resp: 135183  
Ion Ratio Lower Upper  
330 100  
332 94.2 77.3 115.9  
141 54.8 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 75.50 ng  
RT: 13.494 min Scan# 1703  
Delta R.T. -0.011 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

Tgt Ion:172 Resp: 587158  
Ion Ratio Lower Upper  
172 100  
171 37.4 28.6 43.0  
170 24.7 18.6 27.8

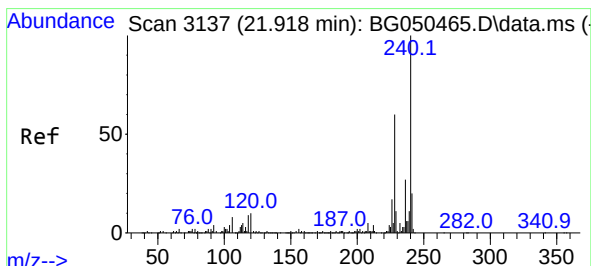
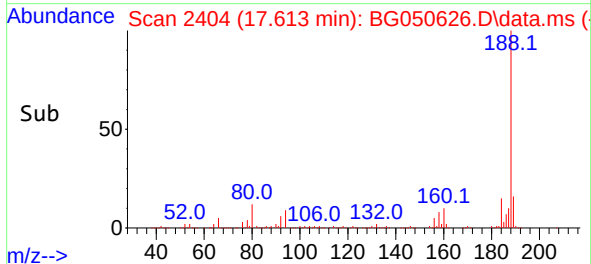
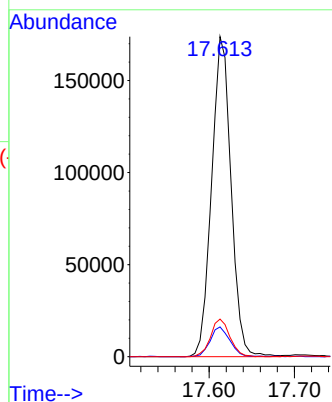
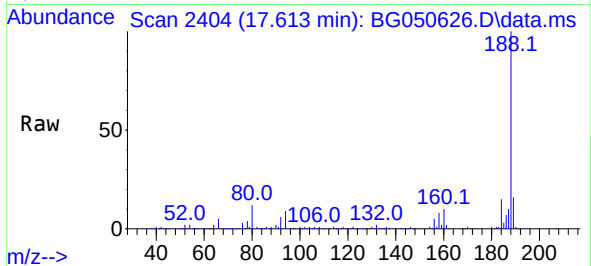




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.613 min Scan# 2404  
Delta R.T. -0.005 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

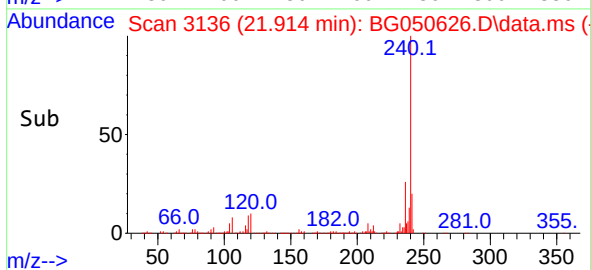
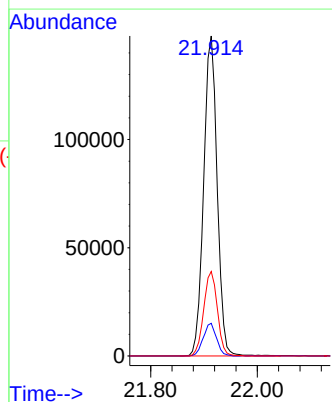
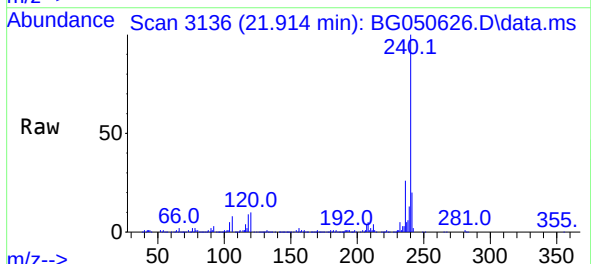
Instrument :  
BNA\_G  
ClientSampleId :  
T2-COMP-(1-4)

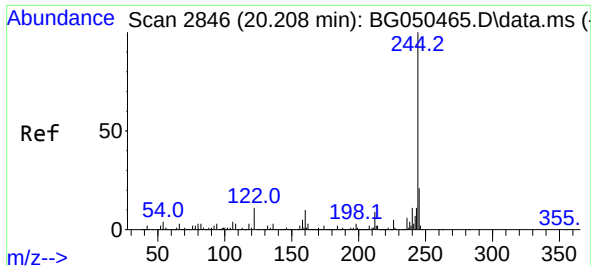
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Ion Ratio Lower Upper  
188 100  
94 9.3 5.4 8.0#  
80 11.7 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.914 min Scan# 3136  
Delta R.T. -0.011 min  
Lab File: BG050626.D  
Acq: 18 Oct 2021 20:56

Tgt Ion:240 Resp: 259028  
Ion Ratio Lower Upper  
240 100  
120 10.2 4.2 6.2#  
236 26.4 21.8 32.6

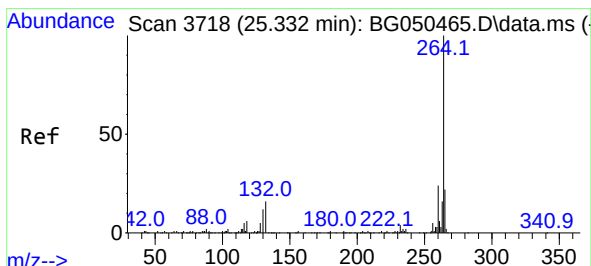
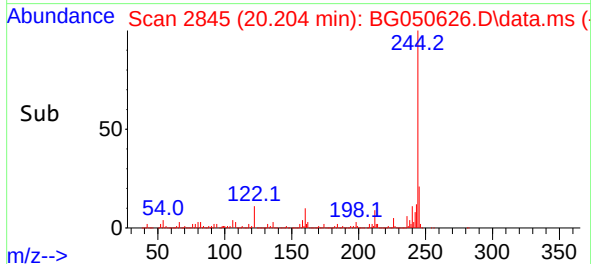
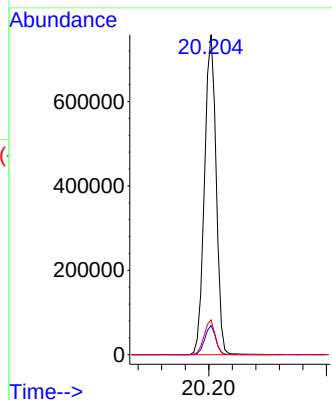
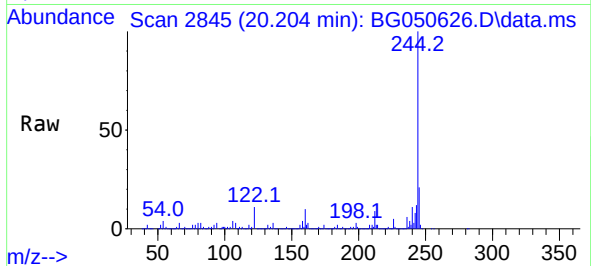




#79  
 Terphenyl-d14  
 Concen: 77.89 ng  
 RT: 20.204 min Scan# 2845  
 Delta R.T. -0.005 min  
 Lab File: BG050626.D  
 Acq: 18 Oct 2021 20:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T2-COMP-(1-4)

Tgt Ion:244 Resp: 1035330  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 6.9 10.3  
 122 10.9 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.327 min Scan# 3717  
 Delta R.T. -0.005 min  
 Lab File: BG050626.D  
 Acq: 18 Oct 2021 20:56

Tgt Ion:264 Resp: 253025  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.4 29.2  
 265 22.5 16.9 25.3

