

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101421\  
 Data File : BG050593.D  
 Acq On : 14 Oct 2021 18:34  
 Operator : CG/JU  
 Sample : M4190-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SW-RR-01-(2.0)

Quant Time: Oct 15 03:51:10 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  | 36513    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.080 | 136  | 148205   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.870 | 164  | 101335   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.613 | 188  | 247203   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.914 | 240  | 244520   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.328 | 264  | 241125   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.792  | 112  | 126093   | 51.65  | ng    | 0.00     |
| 7) Phenol-d6                | 7.396  | 99   | 108540   | 30.71  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.423  | 82   | 283504   | 79.19  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.356 | 330  | 138120   | 142.90 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.495 | 172  | 521578   | 77.47  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.204 | 244  | 1056854  | 84.23  | ng    | 0.00     |

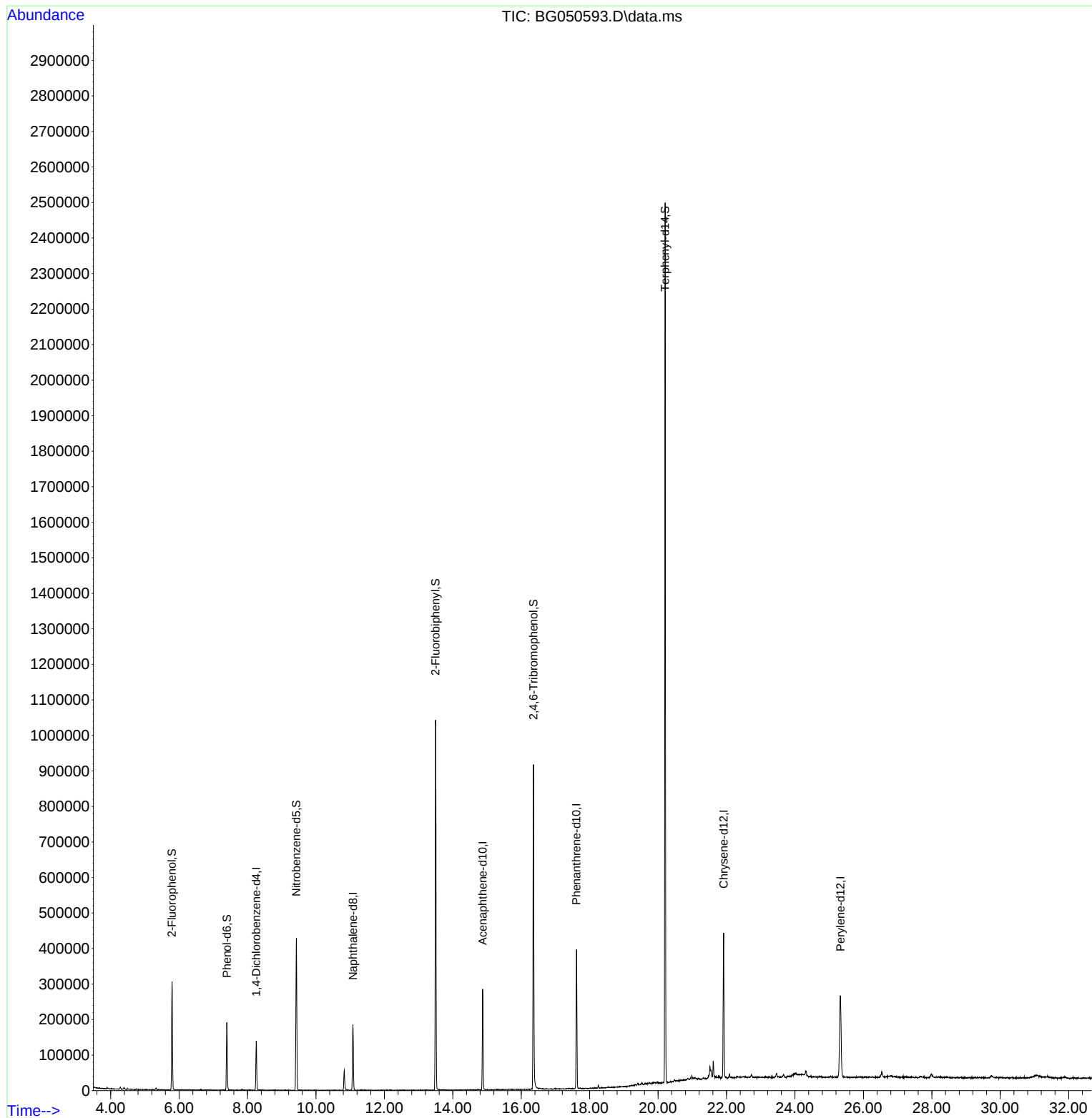
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

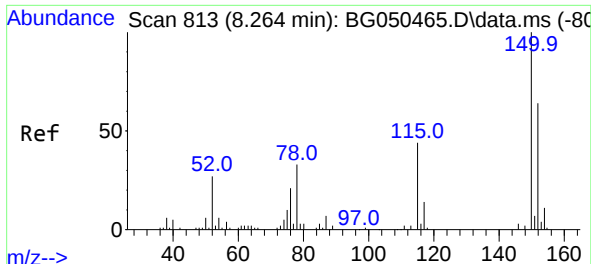
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SW-RR-01-(2.0)

Quant Time: Oct 15 03:51:10 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

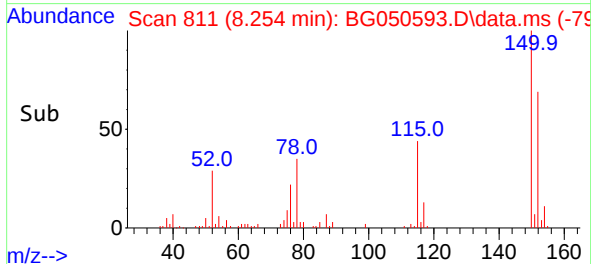
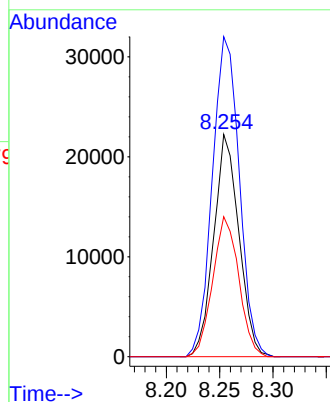
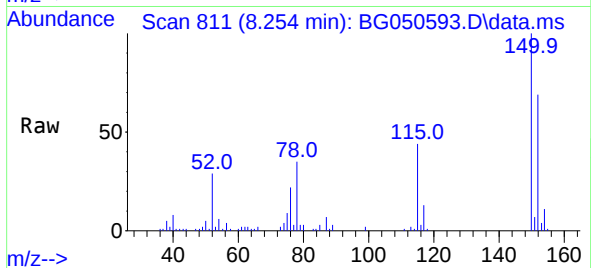




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.254 min Scan# 811  
Delta R.T. -0.004 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

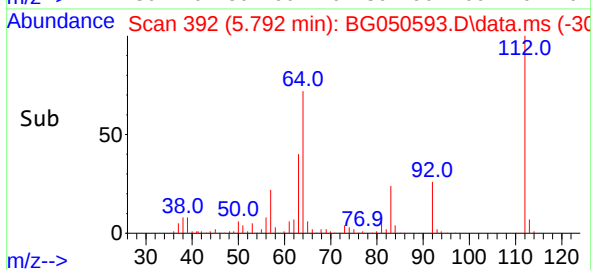
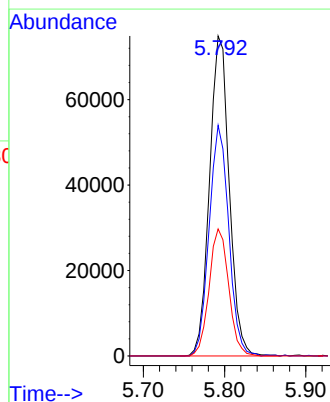
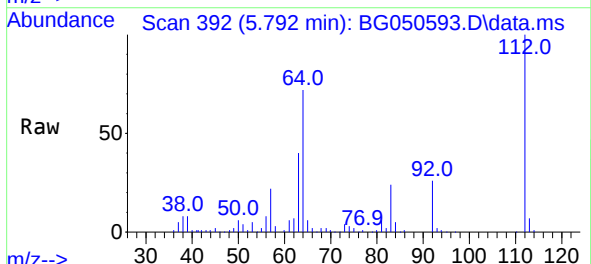
Instrument :  
BNA\_G  
ClientSampleId :  
SW-RR-01-(2.0)

Tgt Ion:152 Resp: 36513  
Ion Ratio Lower Upper  
152 100  
150 143.9 119.4 179.0  
115 63.0 60.2 90.4



#5  
2-Fluorophenol  
Concen: 51.65 ng  
RT: 5.792 min Scan# 392  
Delta R.T. 0.001 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

Tgt Ion:112 Resp: 126093  
Ion Ratio Lower Upper  
112 100  
64 72.1 46.7 70.1#  
63 39.7 35.3 52.9

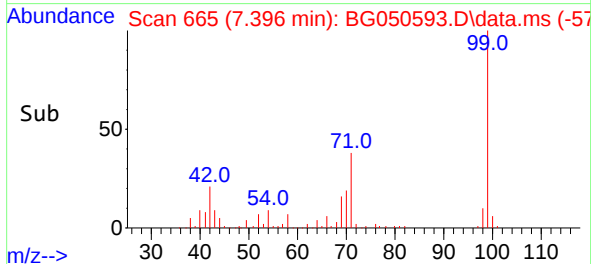
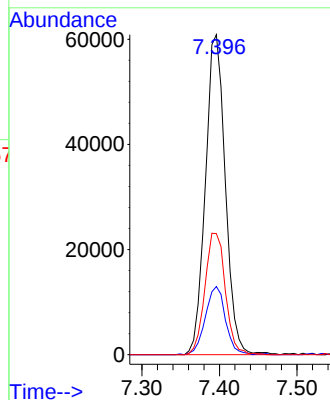
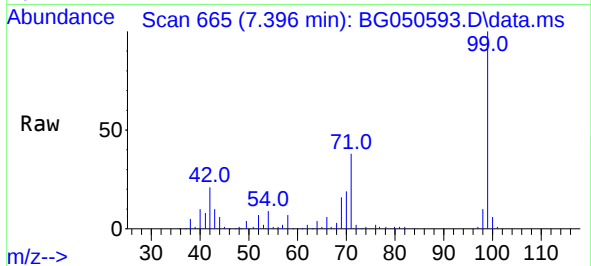




#7  
Phenol-d6  
Concen: 30.71 ng  
RT: 7.396 min Scan# 665  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

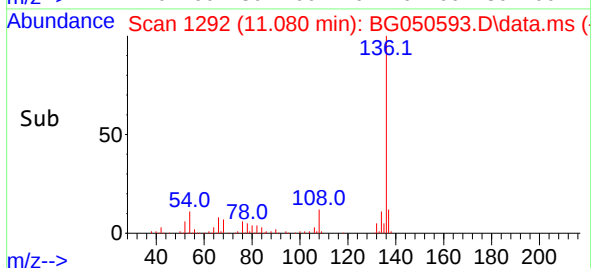
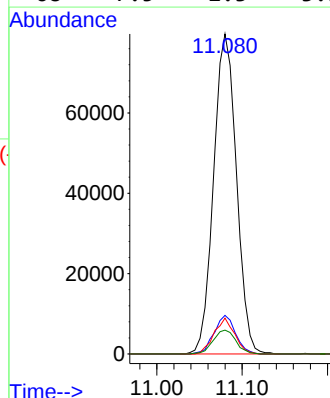
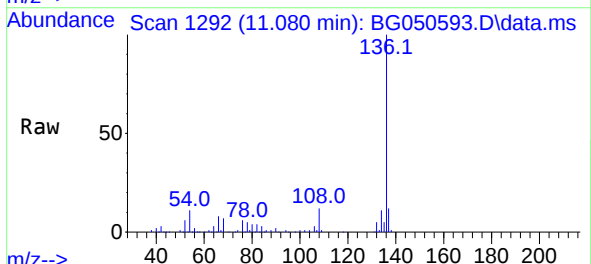
Instrument :  
BNA\_G  
ClientSampleId :  
SW-RR-01-(2.0)

Tgt Ion: 99 Resp: 108540  
Ion Ratio Lower Upper  
99 100  
42 21.3 20.5 30.7  
71 37.9 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.080 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

Tgt Ion:136 Resp: 148205  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.2 12.2  
54 11.2 5.5 8.3#  
68 7.5 2.3 3.5#

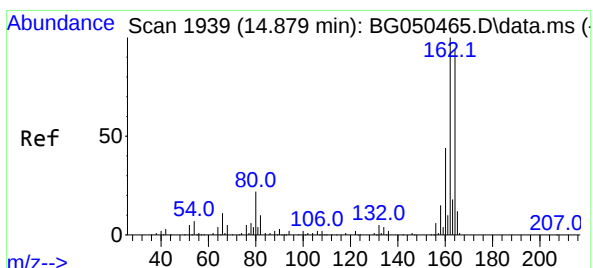
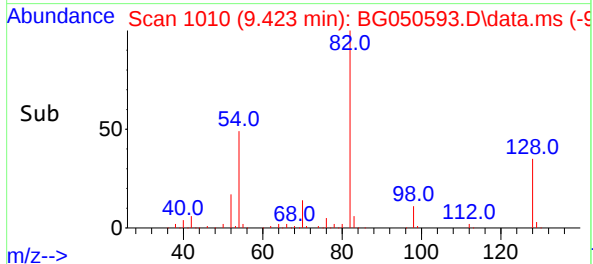
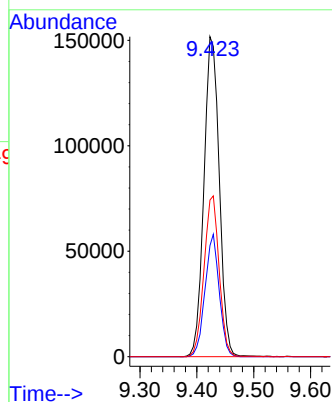
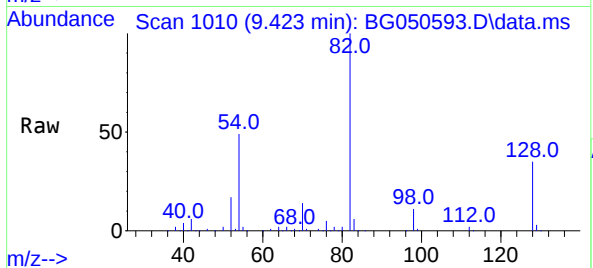




#23  
Nitrobenzene-d5  
Concen: 79.19 ng  
RT: 9.423 min Scan# 1010  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

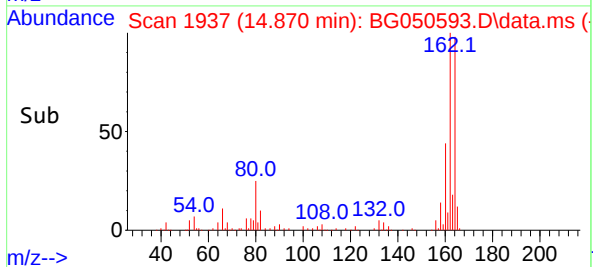
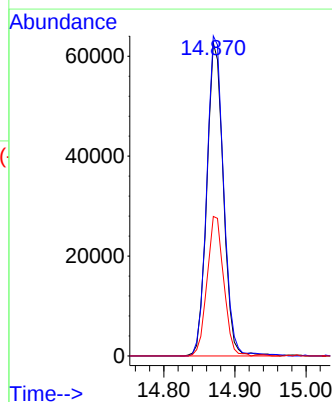
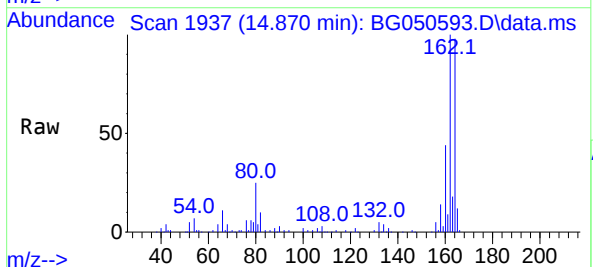
Instrument :  
BNA\_G  
ClientSampleId :  
SW-RR-01-(2.0)

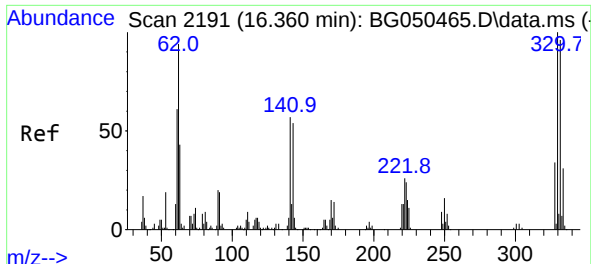
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 283504 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 34.7  | 29.8  | 44.6   |
| 54       | 49.0  | 45.8  | 68.8   |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.870 min Scan# 1937  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 101335 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 102.2 | 81.4  | 122.0  |
| 160      | 44.6  | 34.9  | 52.3   |

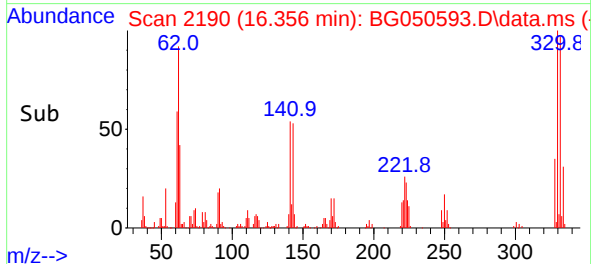
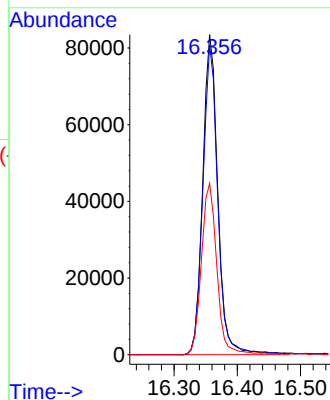
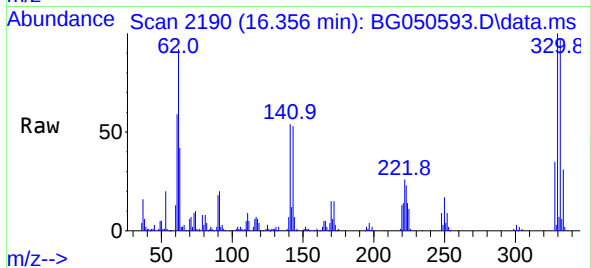




#42  
2,4,6-Tribromophenol  
Concen: 142.90 ng  
RT: 16.356 min Scan# 2190  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

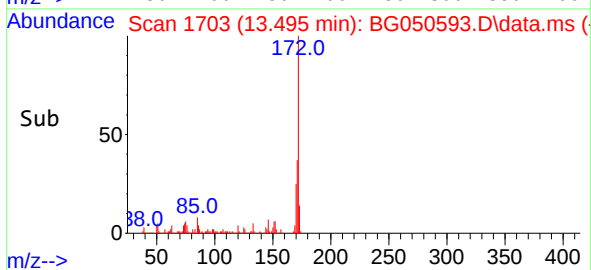
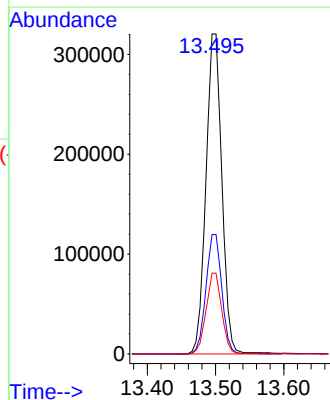
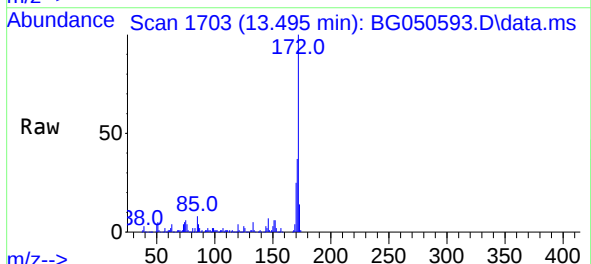
Instrument :  
BNA\_G  
ClientSampleId :  
SW-RR-01-(2.0)

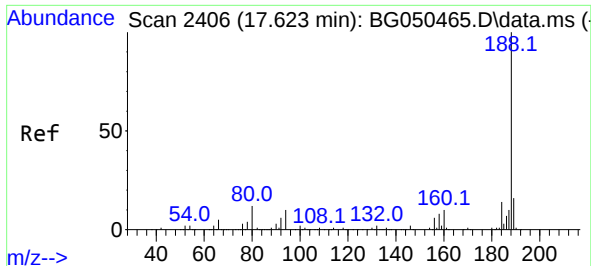
Tgt Ion:330 Resp: 138120  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.3 115.9  
141 55.0 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 77.47 ng  
RT: 13.495 min Scan# 1703  
Delta R.T. -0.010 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

Tgt Ion:172 Resp: 521578  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.6 43.0  
170 25.3 18.6 27.8

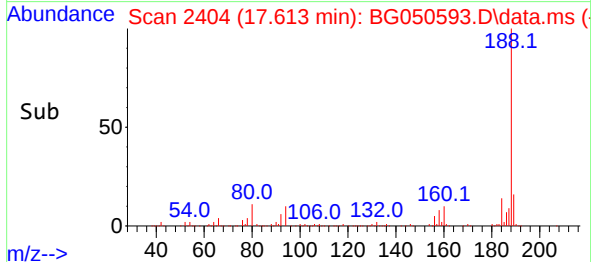
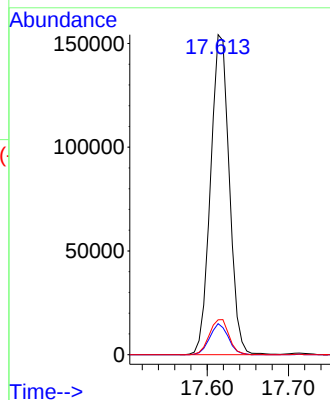
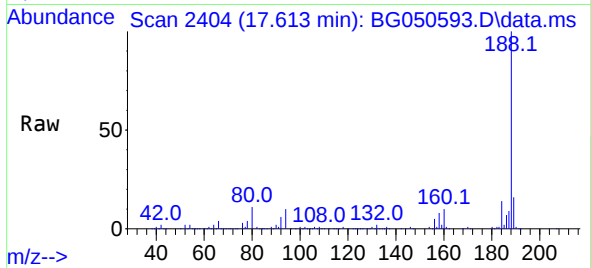




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.613 min Scan# 2404  
Delta R.T. -0.005 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

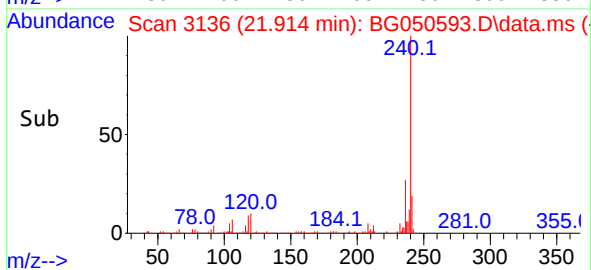
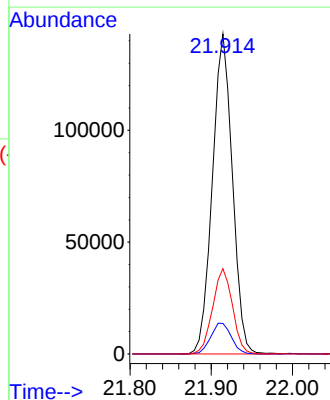
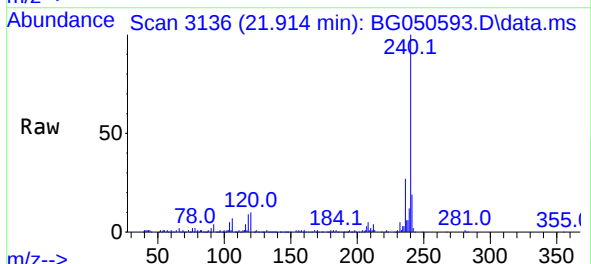
Instrument :  
BNA\_G  
ClientSampleId :  
SW-RR-01-(2.0)

Tgt Ion:188 Resp: 247203  
Ion Ratio Lower Upper  
188 100  
94 9.7 5.4 8.0#  
80 10.9 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.914 min Scan# 3136  
Delta R.T. -0.010 min  
Lab File: BG050593.D  
Acq: 14 Oct 2021 18:34

Tgt Ion:240 Resp: 244520  
Ion Ratio Lower Upper  
240 100  
120 9.5 4.2 6.2#  
236 26.6 21.8 32.6

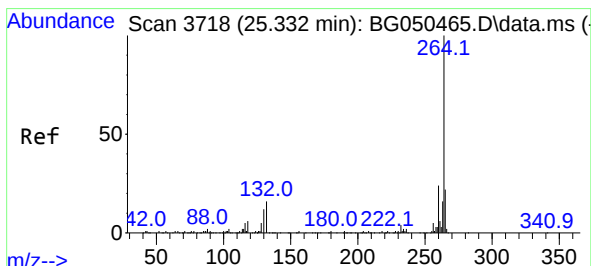
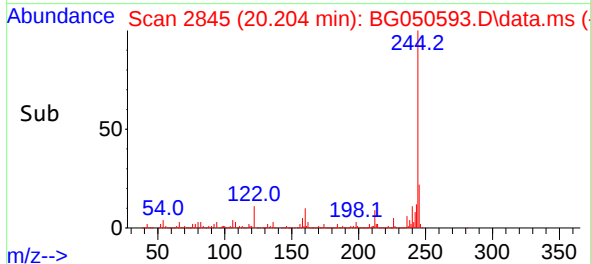
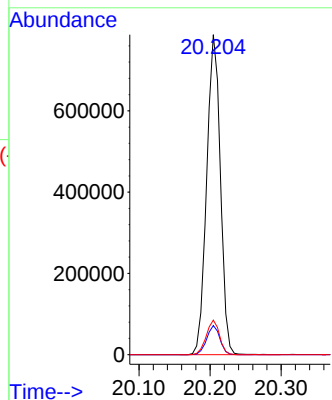
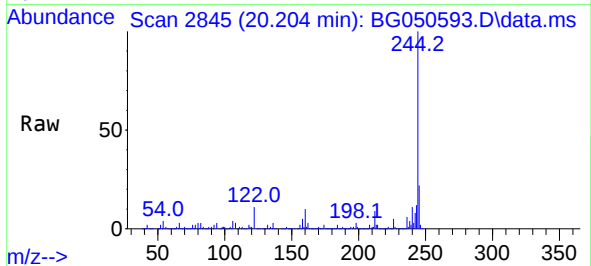




#79  
 Terphenyl-d14  
 Concen: 84.23 ng  
 RT: 20.204 min Scan# 2845  
 Delta R.T. -0.005 min  
 Lab File: BG050593.D  
 Acq: 14 Oct 2021 18:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SW-RR-01-(2.0)

Tgt Ion:244 Resp: 1056854  
 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: 25.328 min Scan# 3717  
 Delta R.T. -0.005 min  
 Lab File: BG050593.D  
 Acq: 14 Oct 2021 18:34

Tgt Ion:264 Resp: 241125  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.4 29.2  
 265 21.2 16.9 25.3

