

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060322\  
 Data File : BG053814.D  
 Acq On : 3 Jun 2022 15:38  
 Operator : CG/JU  
 Sample : N3025-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NORTH-SW

Quant Time: Jun 04 03:05:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 23:22:27 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.097  | 152  | 29162    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.900 | 136  | 117094   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.713 | 164  | 82220    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.457 | 188  | 188620   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.728 | 240  | 189093   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.001 | 264  | 191016   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.653  | 112  | 157258   | 99.027  | ng    | 0.00     |
| 7) Phenol-d6                | 7.240  | 99   | 208567   | 96.955  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.249  | 82   | 132629   | 74.380  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.200 | 330  | 104069   | 104.274 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.338 | 172  | 341535   | 62.143  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.066 | 244  | 594327   | 62.528  | ng    | 0.00     |

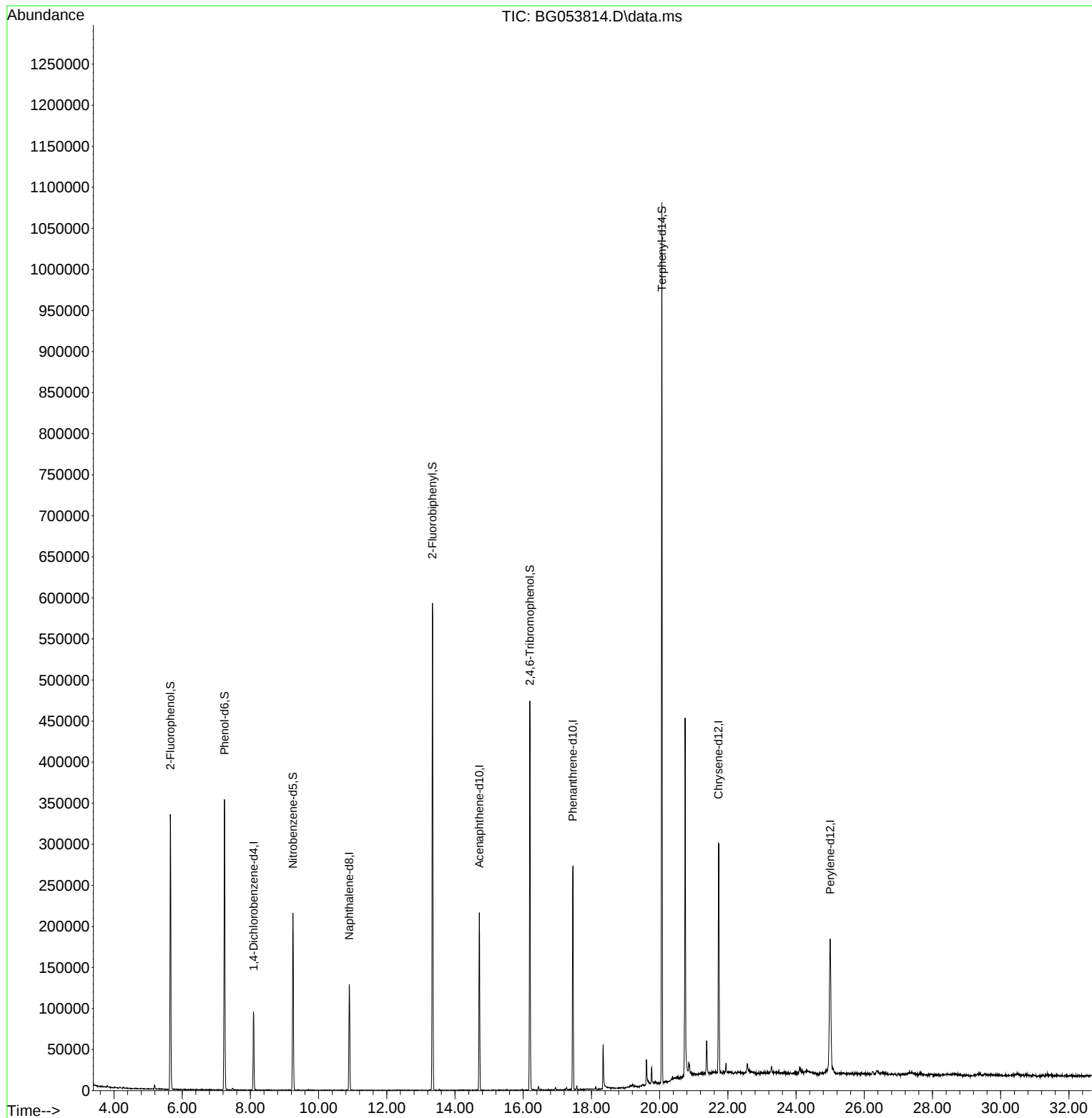
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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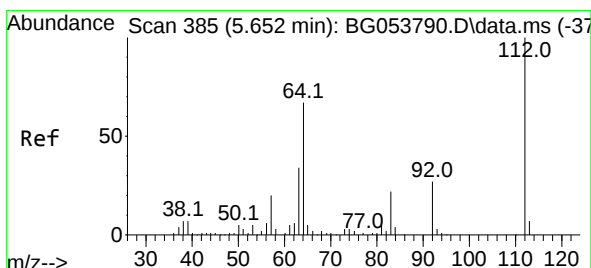
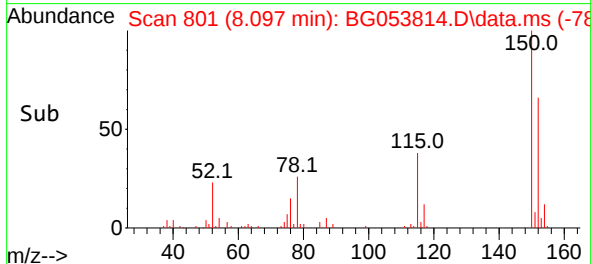
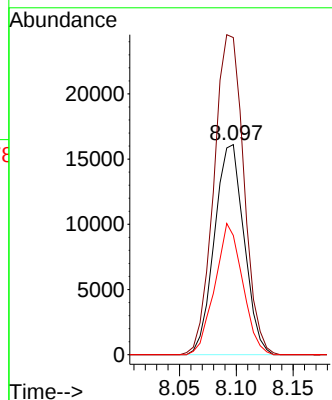
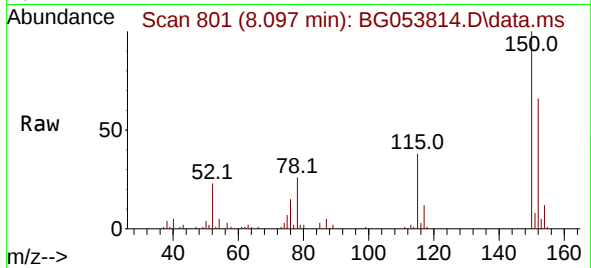




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.097 min Scan# 801  
Delta R.T. 0.001 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

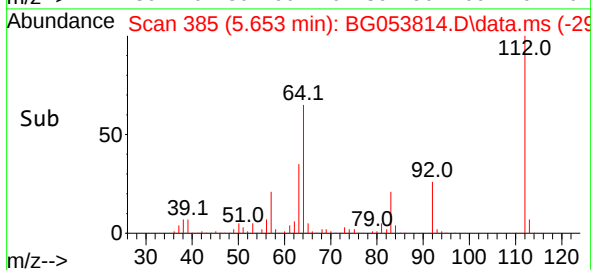
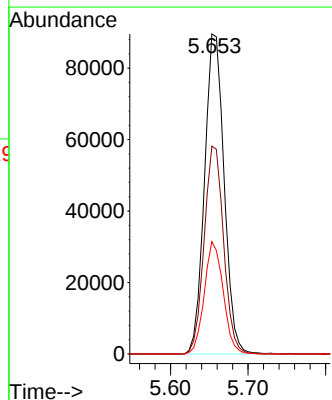
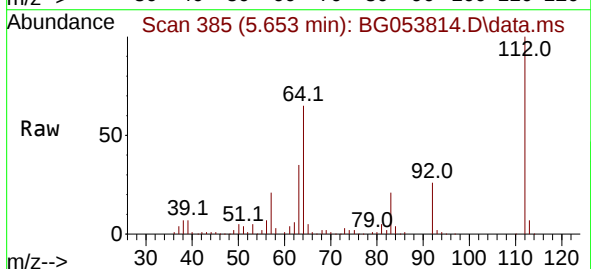
Instrument :  
BNA\_G  
ClientSampleId :  
NORTH-SW

Tgt Ion:152 Resp: 29162  
Ion Ratio Lower Upper  
152 100  
150 151.0 131.6 197.4  
115 56.7 50.9 76.3



#5  
2-Fluorophenol  
Concen: 99.027 ng  
RT: 5.653 min Scan# 385  
Delta R.T. 0.001 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

Tgt Ion:112 Resp: 157258  
Ion Ratio Lower Upper  
112 100  
64 64.9 55.1 82.7  
63 35.1 30.4 45.6

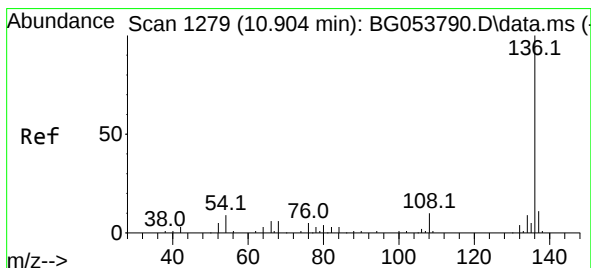
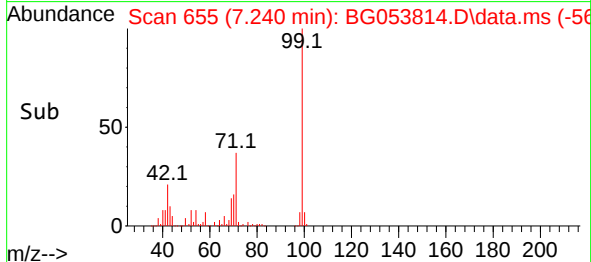
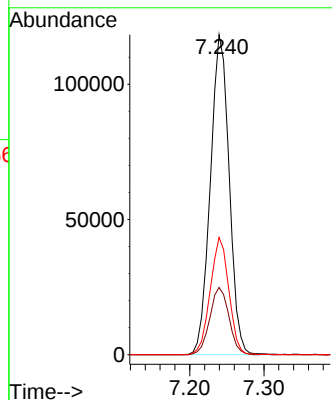
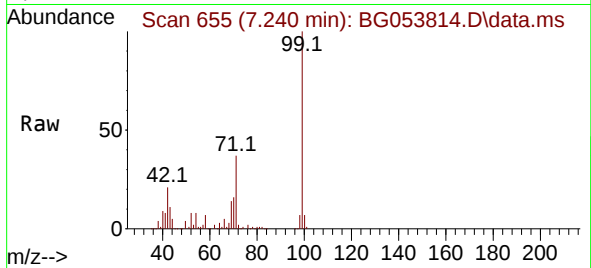




#7  
Phenol-d6  
Concen: 96.955 ng  
RT: 7.240 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

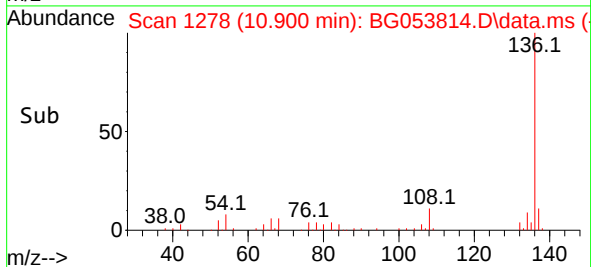
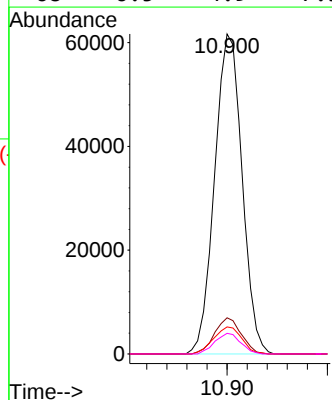
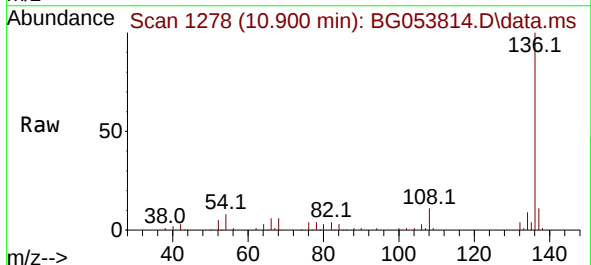
Instrument :  
BNA\_G  
ClientSampleId :  
NORTH-SW

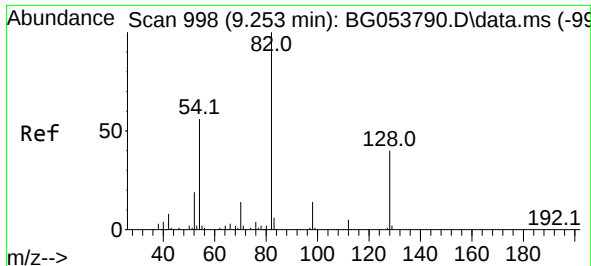
Tgt Ion: 99 Resp: 208567  
Ion Ratio Lower Upper  
99 100  
42 21.0 17.0 25.6  
71 36.7 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.900 min Scan# 1278  
Delta R.T. -0.004 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

Tgt Ion: 136 Resp: 117094  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.5 12.7  
54 8.4 7.4 11.2  
68 6.5 4.9 7.3

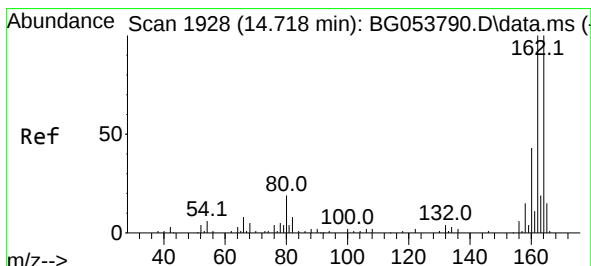
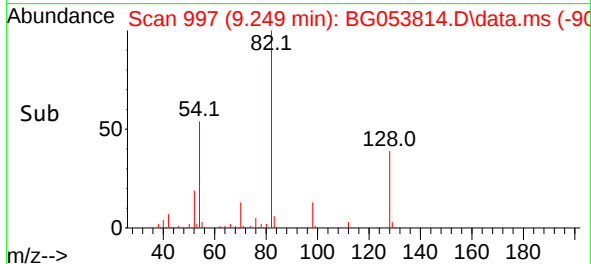
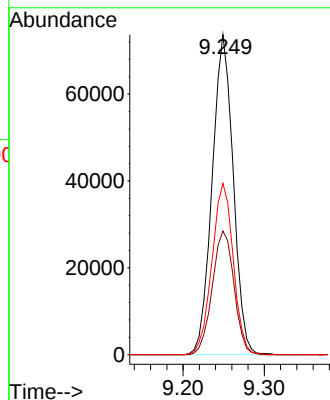
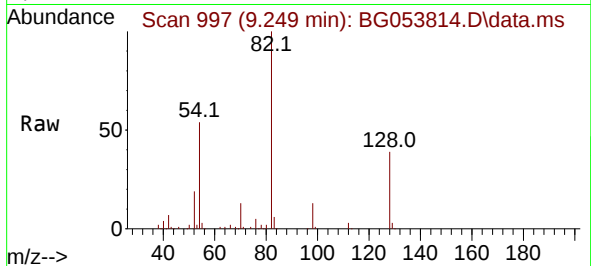




#23  
Nitrobenzene-d5  
Concen: 74.380 ng  
RT: 9.249 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

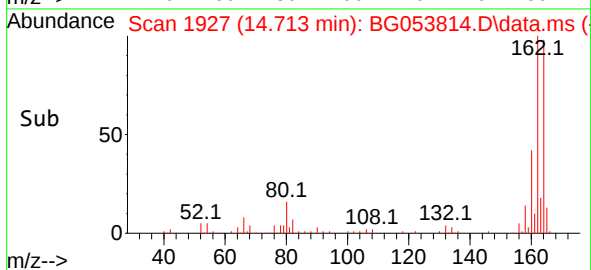
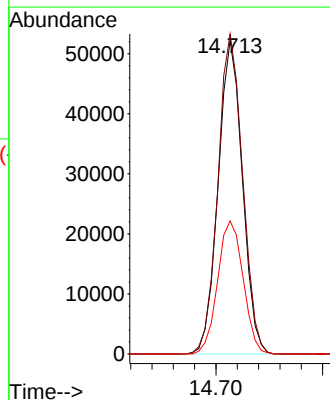
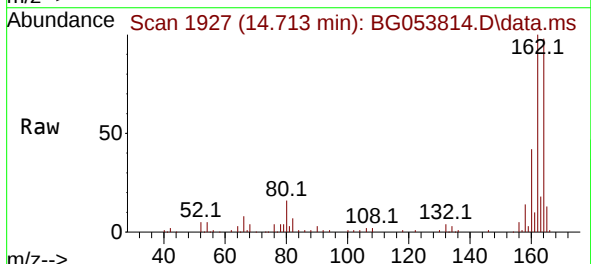
Instrument :  
BNA\_G  
ClientSampleId :  
NORTH-SW

Tgt Ion: 82 Resp: 132629  
Ion Ratio Lower Upper  
82 100  
128 38.6 27.9 41.9  
54 53.6 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.713 min Scan# 1927  
Delta R.T. -0.005 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

Tgt Ion:164 Resp: 82220  
Ion Ratio Lower Upper  
164 100  
162 102.1 82.3 123.5  
160 42.4 34.2 51.2

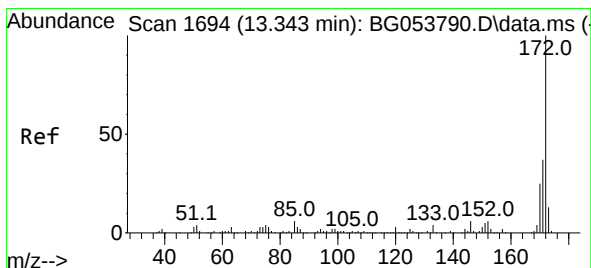
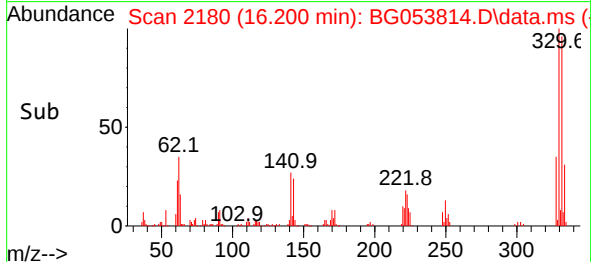
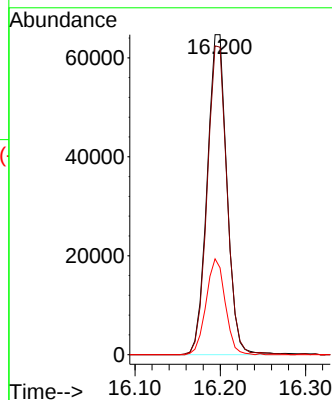
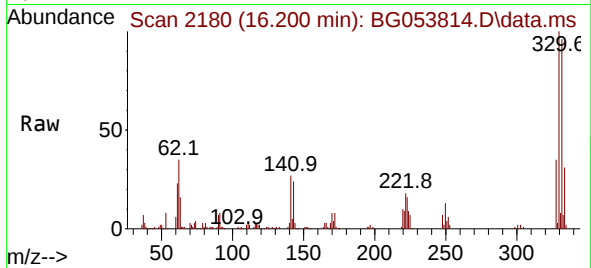




#42  
 2,4,6-Tribromophenol  
 Concen: 104.274 ng  
 RT: 16.200 min Scan# 2180  
 Delta R.T. 0.002 min  
 Lab File: BG053814.D  
 Acq: 3 Jun 2022 15:38

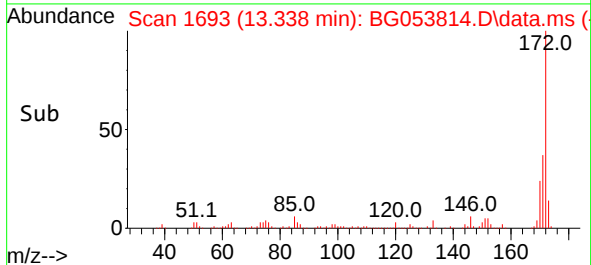
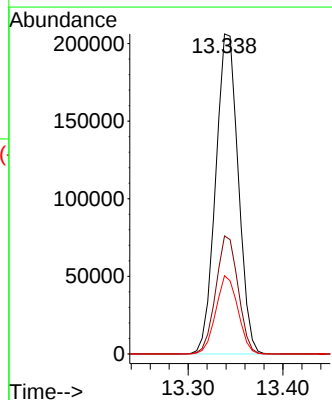
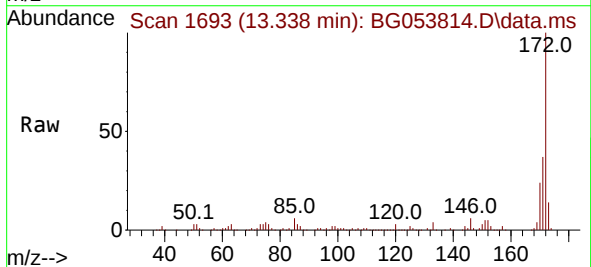
Instrument :  
 BNA\_G  
 ClientSampleId :  
 NORTH-SW

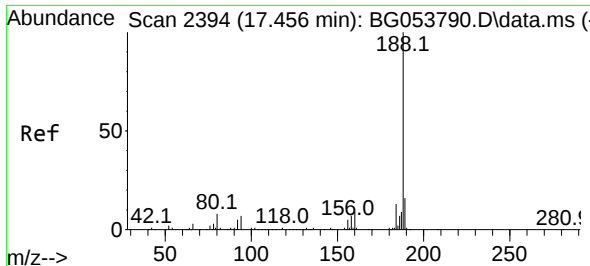
Tgt Ion:330 Resp: 104069  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 76.0 114.0  
 141 29.0 27.1 40.7



#45  
 2-Fluorobiphenyl  
 Concen: 62.143 ng  
 RT: 13.338 min Scan# 1693  
 Delta R.T. -0.005 min  
 Lab File: BG053814.D  
 Acq: 3 Jun 2022 15:38

Tgt Ion:172 Resp: 341535  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 28.5 42.7  
 170 24.5 18.9 28.3

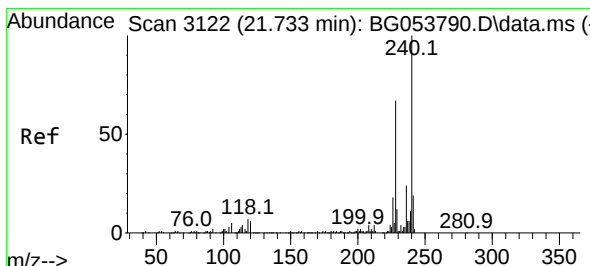
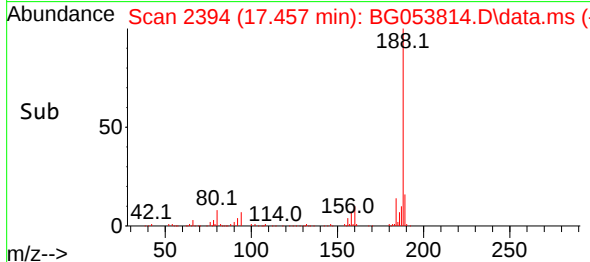
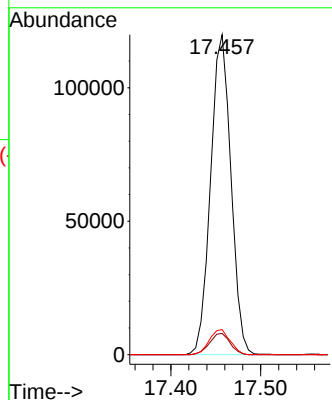
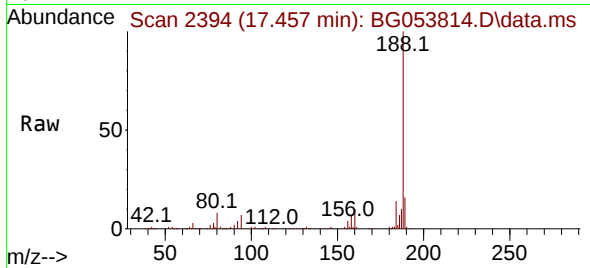




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.457 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

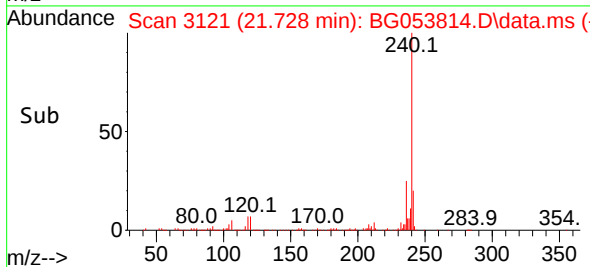
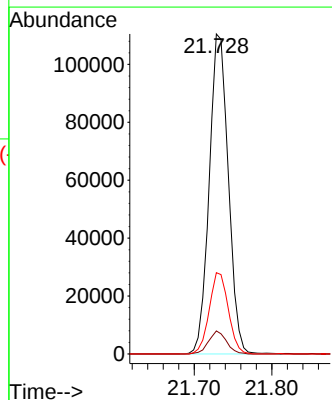
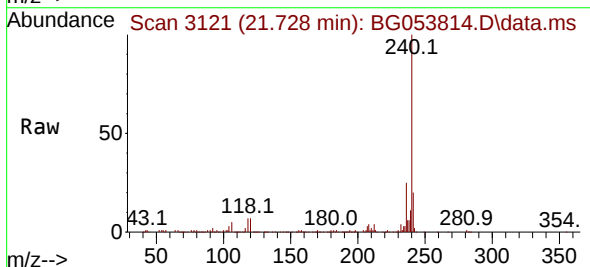
Instrument :  
BNA\_G  
ClientSampleId :  
NORTH-SW

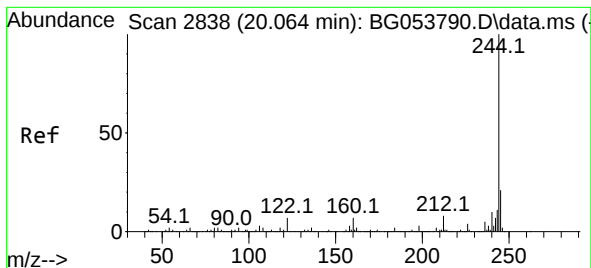
Tgt Ion:188 Resp: 188620  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.4 8.0  
80 7.9 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.728 min Scan# 3121  
Delta R.T. -0.005 min  
Lab File: BG053814.D  
Acq: 3 Jun 2022 15:38

Tgt Ion:240 Resp: 189093  
Ion Ratio Lower Upper  
240 100  
120 7.2 4.6 7.0#  
236 25.4 20.2 30.4





#79

Terphenyl-d14

Concen: 62.528 ng

RT: 20.066 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053814.D

Acq: 3 Jun 2022 15:38

Instrument :

BNA\_G

ClientSampleId :

NORTH-SW

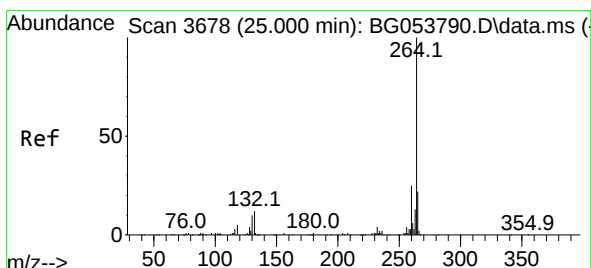
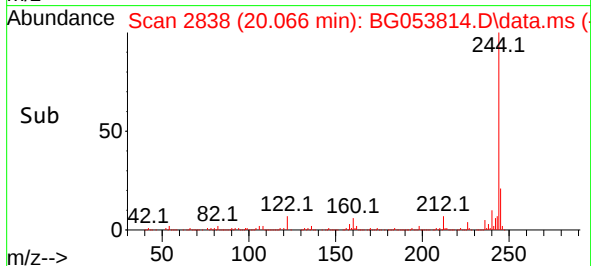
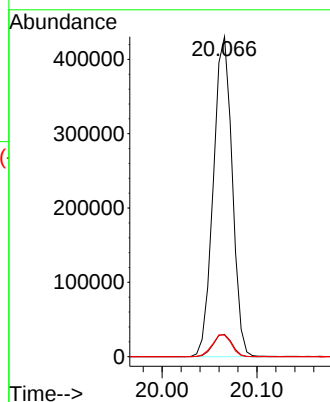
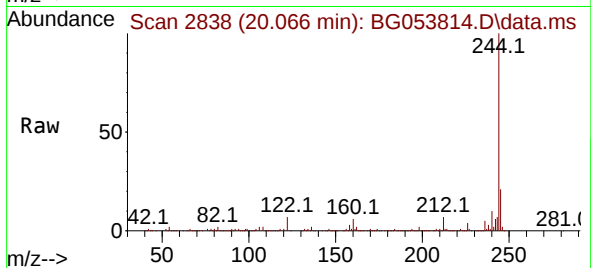
Tgt Ion:244 Resp: 594327

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 6.8 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3678

Delta R.T. 0.001 min

Lab File: BG053814.D

Acq: 3 Jun 2022 15:38

Tgt Ion:264 Resp: 191016

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.2 17.4 26.2

