

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062922\  
 Data File : BG054156.D  
 Acq On : 29 Jun 2022 22:14  
 Operator : CG/JU  
 Sample : N3531-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 W-2

Quant Time: Jun 29 22:47:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.067  | 152  | 20943    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.875 | 136  | 85613    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.694 | 164  | 65440    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.438 | 188  | 171326   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.709 | 240  | 185930   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.964 | 264  | 188916   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.634  | 112  | 130157   | 118.822 | ng    | 0.00     |
| 7) Phenol-d6                | 7.226  | 99   | 172195   | 115.879 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.224  | 82   | 114408   | 75.097  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.181 | 330  | 124021   | 117.957 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.319 | 172  | 323680   | 71.924  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.047 | 244  | 696322   | 75.429  | ng    | 0.00     |

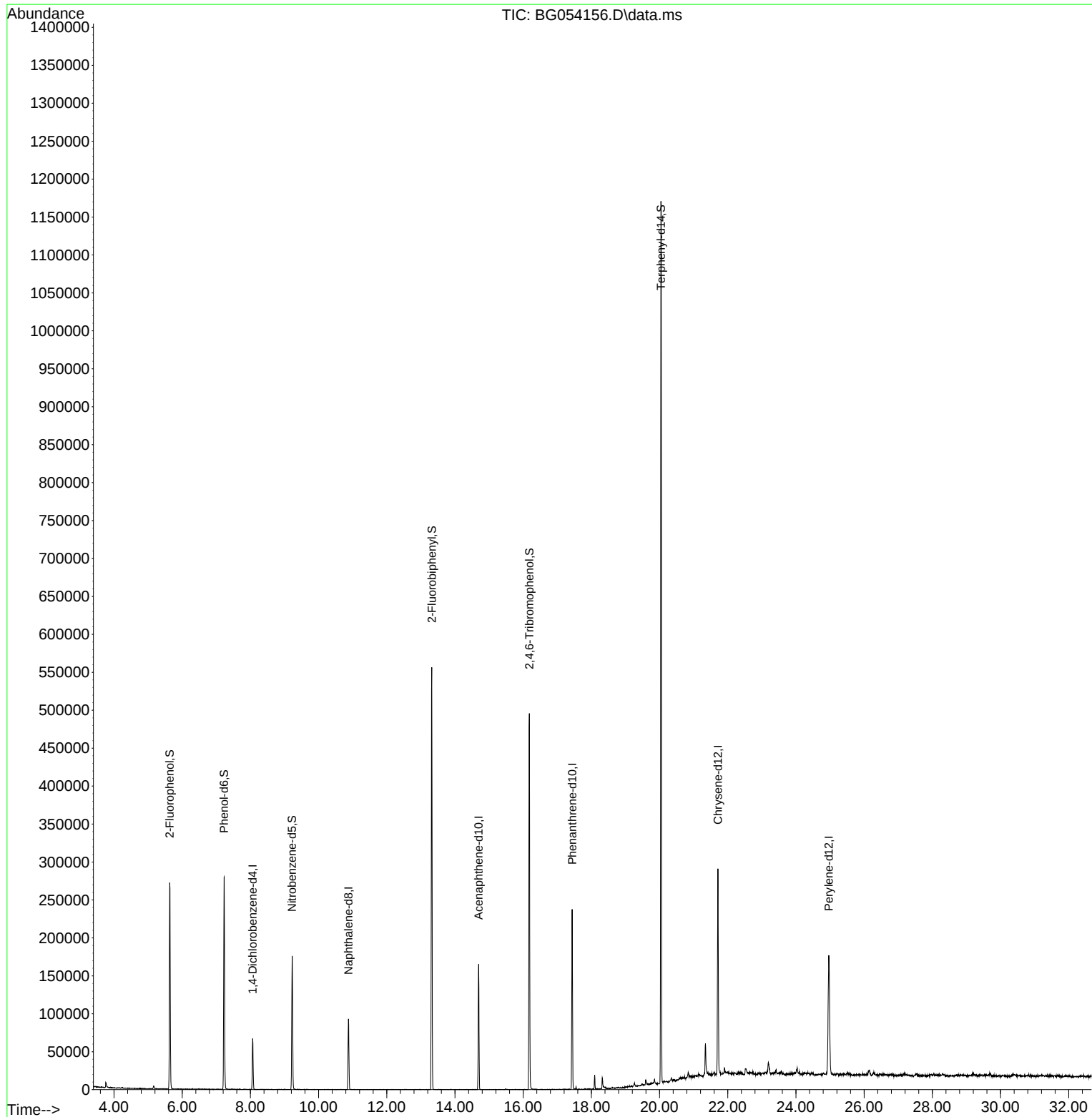
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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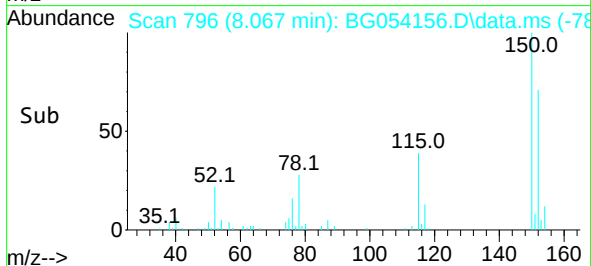
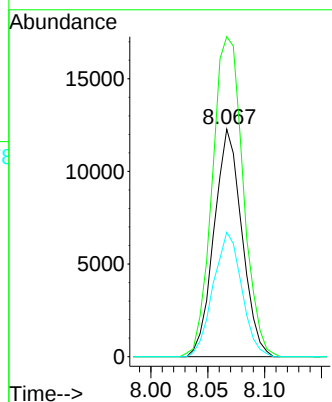
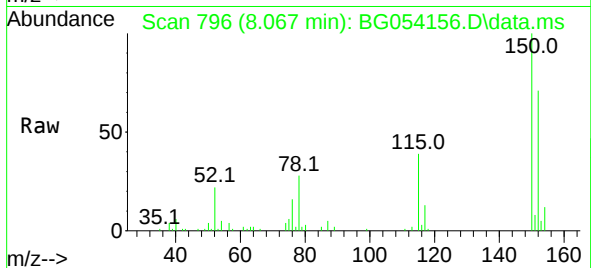




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.067 min Scan# 79  
 Delta R.T. -0.003 min  
 Lab File: BG054156.D  
 Acq: 29 Jun 2022 22:14

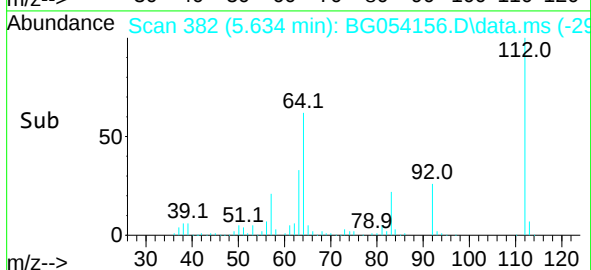
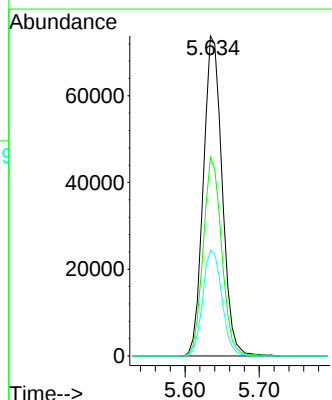
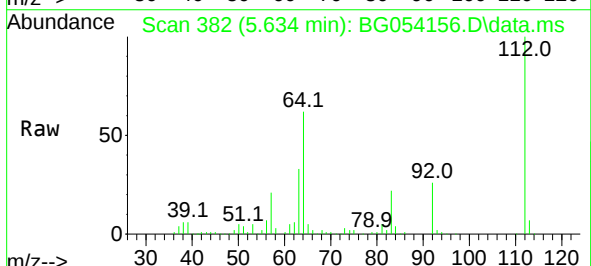
Instrument :  
 BNA\_G  
 ClientSampleId :  
 W-2

Tgt Ion:152 Resp: 20943  
 Ion Ratio Lower Upper  
 152 100  
 150 140.6 131.6 197.4  
 115 54.7 50.9 76.3



#5  
 2-Fluorophenol  
 Concen: 118.822 ng  
 RT: 5.634 min Scan# 382  
 Delta R.T. -0.004 min  
 Lab File: BG054156.D  
 Acq: 29 Jun 2022 22:14

Tgt Ion:112 Resp: 130157  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 55.1 82.7  
 63 33.0 30.4 45.6

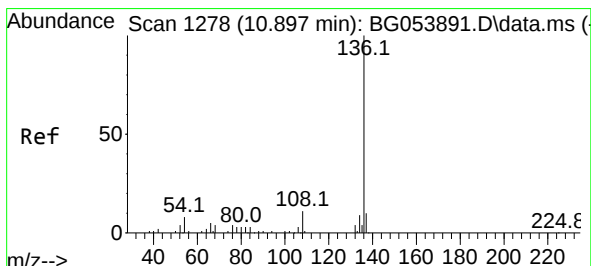
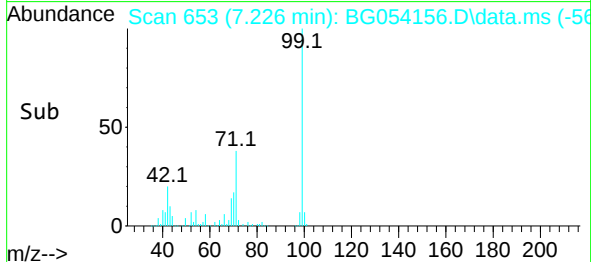
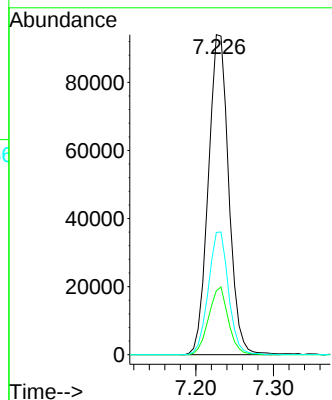
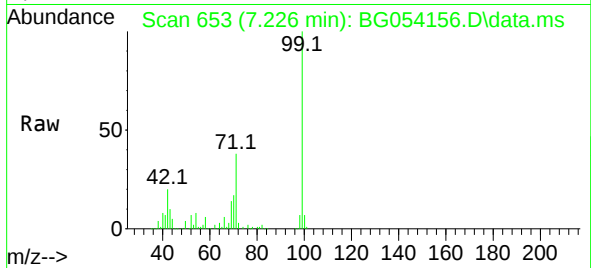




#7  
Phenol-d6  
Concen: 115.879 ng  
RT: 7.226 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

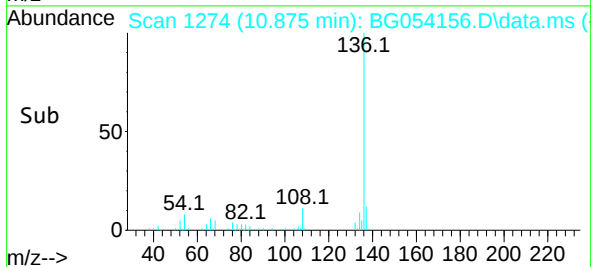
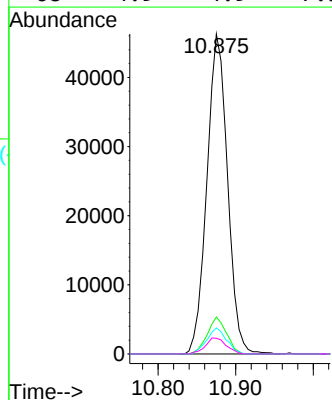
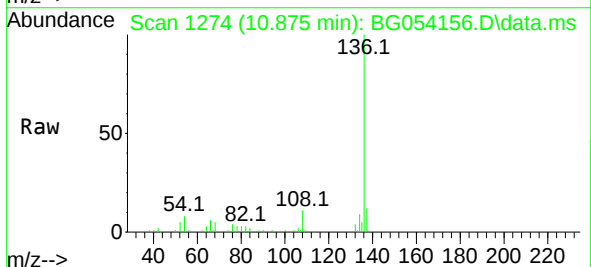
Instrument :  
BNA\_G  
ClientSampleId :  
W-2

Tgt Ion: 99 Resp: 172195  
Ion Ratio Lower Upper  
99 100  
42 20.0 17.0 25.6  
71 38.2 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.875 min Scan# 1274  
Delta R.T. -0.004 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 136 Resp: 85613  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.5 12.7  
54 8.2 7.4 11.2  
68 4.9 4.9 7.3

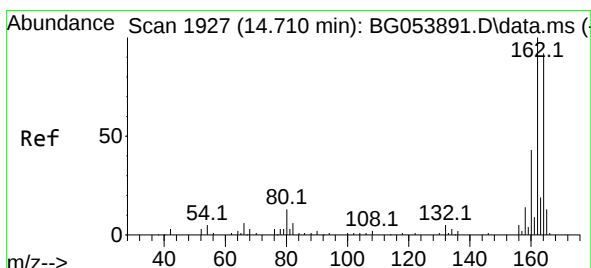
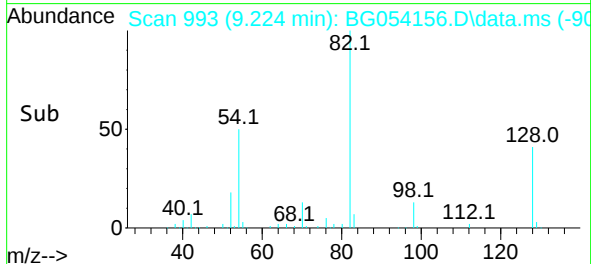
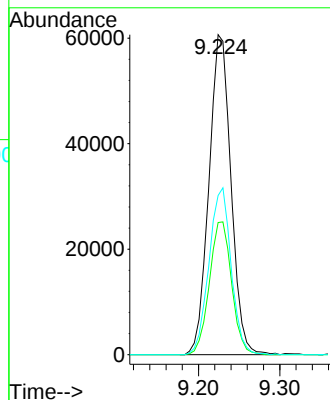
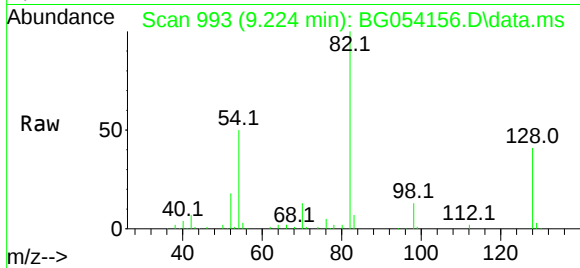




#23  
Nitrobenzene-d5  
Concen: 75.097 ng  
RT: 9.224 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

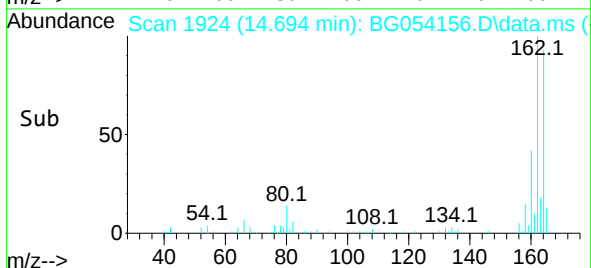
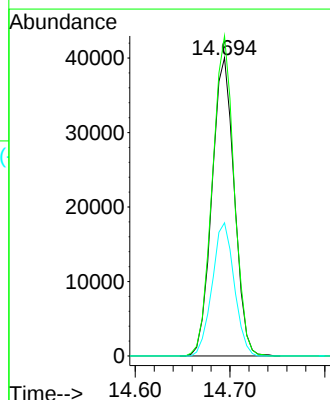
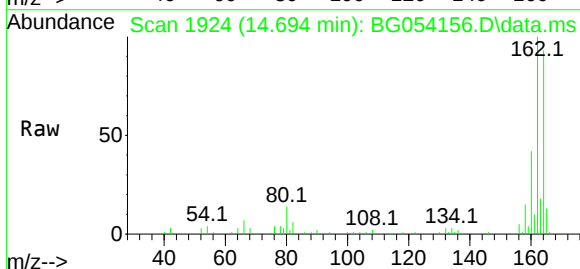
Instrument :  
BNA\_G  
ClientSampleId :  
W-2

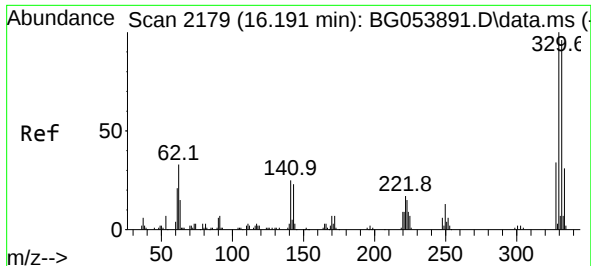
Tgt Ion: 82 Resp: 114408  
Ion Ratio Lower Upper  
82 100  
128 41.3 27.9 41.9  
54 49.7 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.694 min Scan# 1924  
Delta R.T. -0.004 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

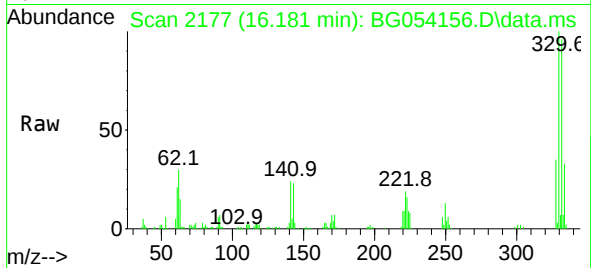
Tgt Ion:164 Resp: 65440  
Ion Ratio Lower Upper  
164 100  
162 107.3 82.3 123.5  
160 44.6 34.2 51.2



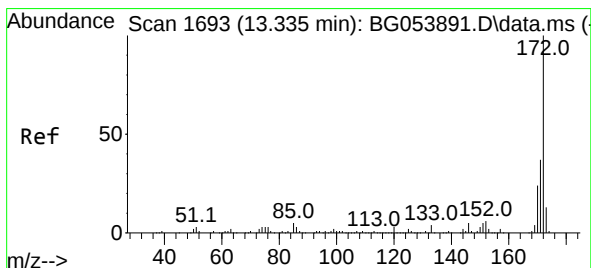
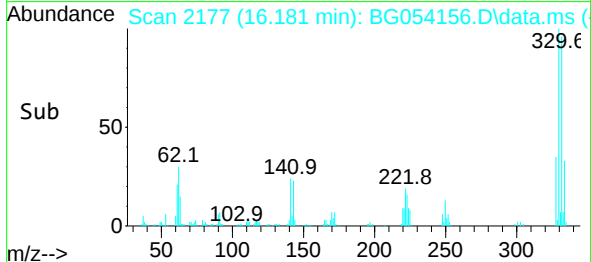
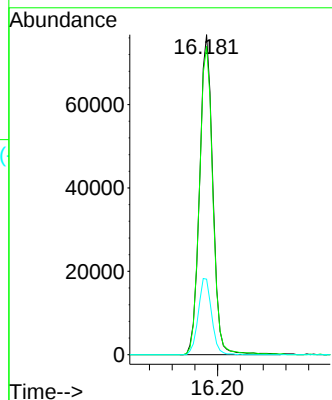


#42  
 2,4,6-Tribromophenol  
 Concen: 117.957 ng  
 RT: 16.181 min Scan# 2177  
 Delta R.T. -0.004 min  
 Lab File: BG054156.D  
 Acq: 29 Jun 2022 22:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 W-2

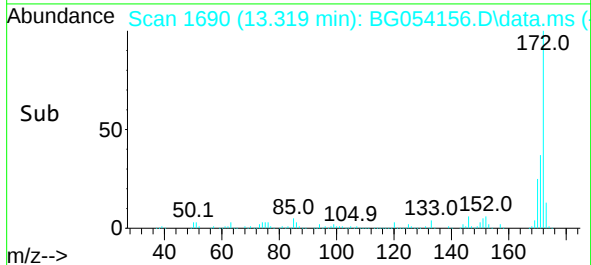
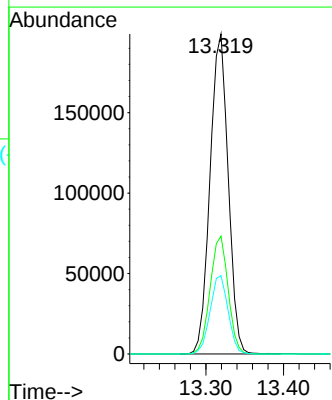
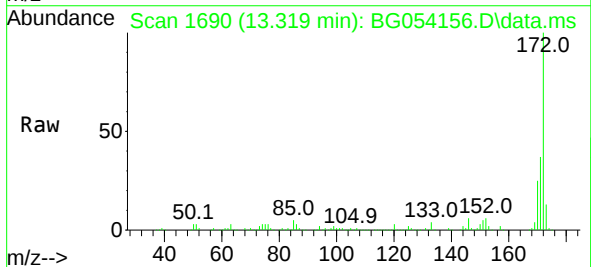


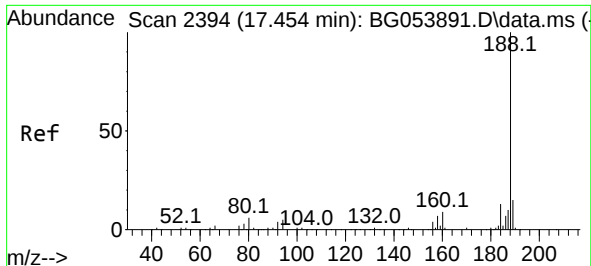
Tgt Ion:330 Resp: 124021  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.0 114.0  
 141 24.1 27.1 40.7#



#45  
 2-Fluorobiphenyl  
 Concen: 71.924 ng  
 RT: 13.319 min Scan# 1690  
 Delta R.T. -0.004 min  
 Lab File: BG054156.D  
 Acq: 29 Jun 2022 22:14

Tgt Ion:172 Resp: 323680  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 28.5 42.7  
 170 24.5 18.9 28.3

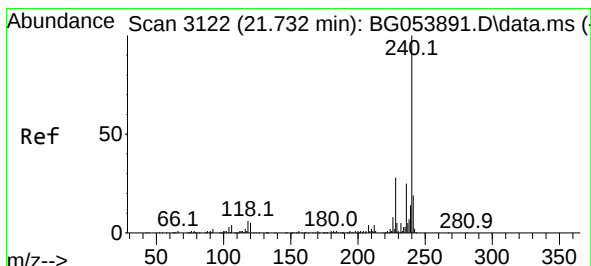
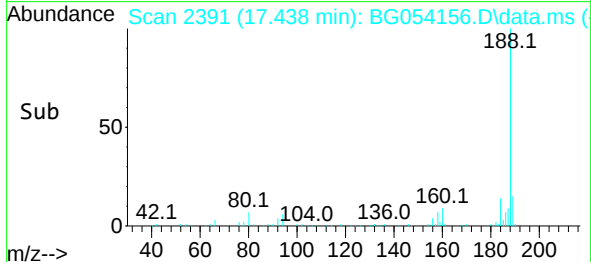
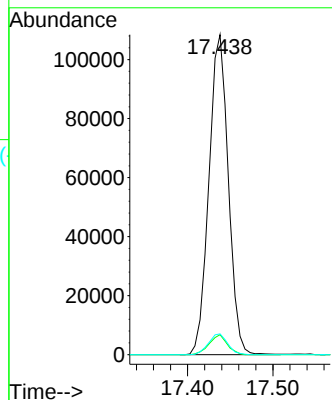
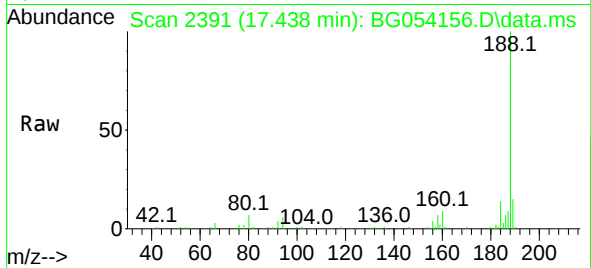




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.438 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

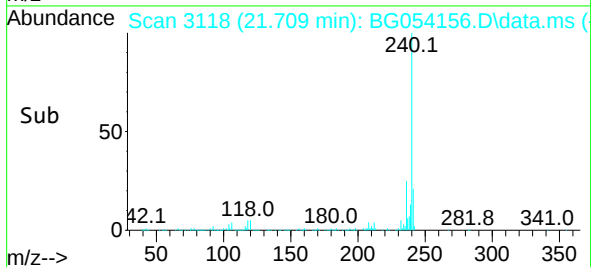
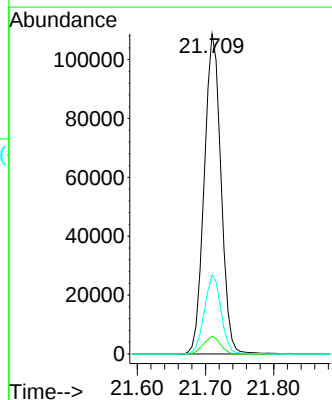
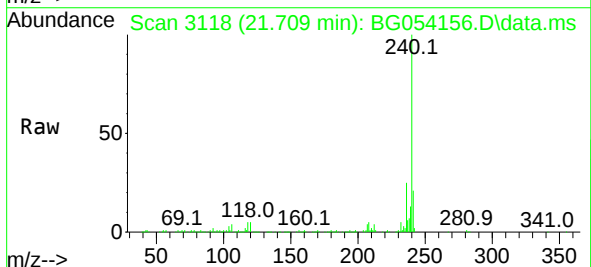
Instrument :  
BNA\_G  
ClientSampleId :  
W-2

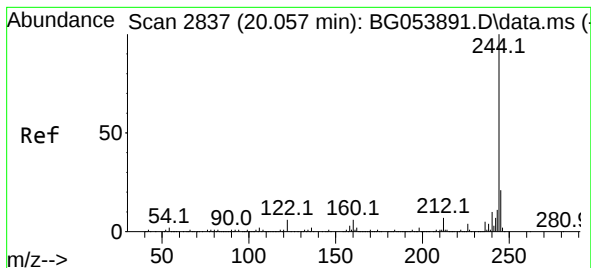
Tgt Ion:188 Resp: 171326  
Ion Ratio Lower Upper  
188 100  
94 6.2 5.4 8.0  
80 6.5 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.709 min Scan# 3118  
Delta R.T. -0.010 min  
Lab File: BG054156.D  
Acq: 29 Jun 2022 22:14

Tgt Ion:240 Resp: 185930  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.6 7.0  
236 24.6 20.2 30.4





#79

Terphenyl-d14

Concen: 75.429 ng

RT: 20.047 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

Instrument :

BNA\_G

ClientSampleId :

W-2

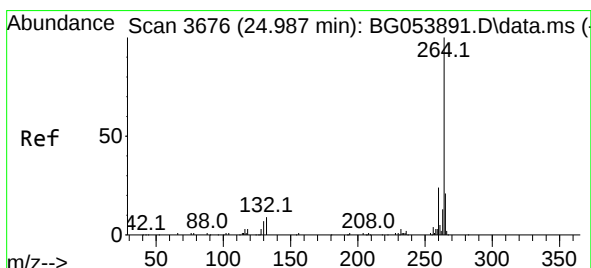
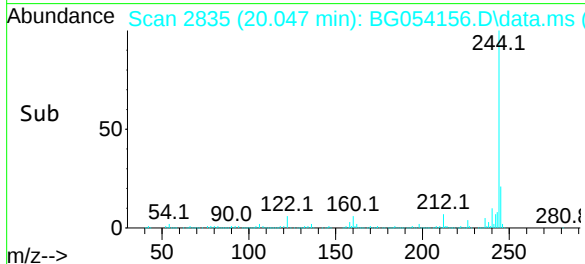
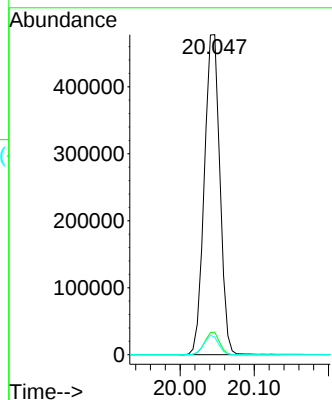
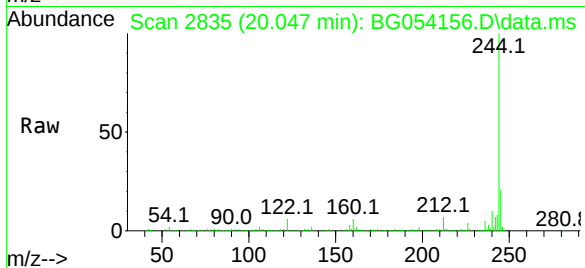
Tgt Ion:244 Resp: 696322

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 5.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.964 min Scan# 3672

Delta R.T. 0.002 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

Tgt Ion:264 Resp: 188916

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.7 17.4 26.2

