

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031324\  
 Data File : BG060630.D  
 Acq On : 13 Mar 2024 17:38  
 Operator : MA/JU  
 Sample : PB159549BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB159549BL

Quant Time: Mar 14 01:02:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 00:45:22 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.323  | 152  | 82620    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.166 | 136  | 372723   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.944 | 164  | 258825   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.694 | 188  | 603203   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.013 | 240  | 564629   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.567 | 264  | 631597   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.808  | 112  | 688321   | 130.965 | ng    | 0.00     |
| 7) Phenol-d6                | 7.436  | 99   | 946486   | 124.145 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.521  | 82   | 565084   | 78.903  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.431 | 330  | 383705   | 127.934 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.575 | 172  | 1480693  | 77.348  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.273 | 244  | 2418263  | 77.416  | ng    | 0.00     |

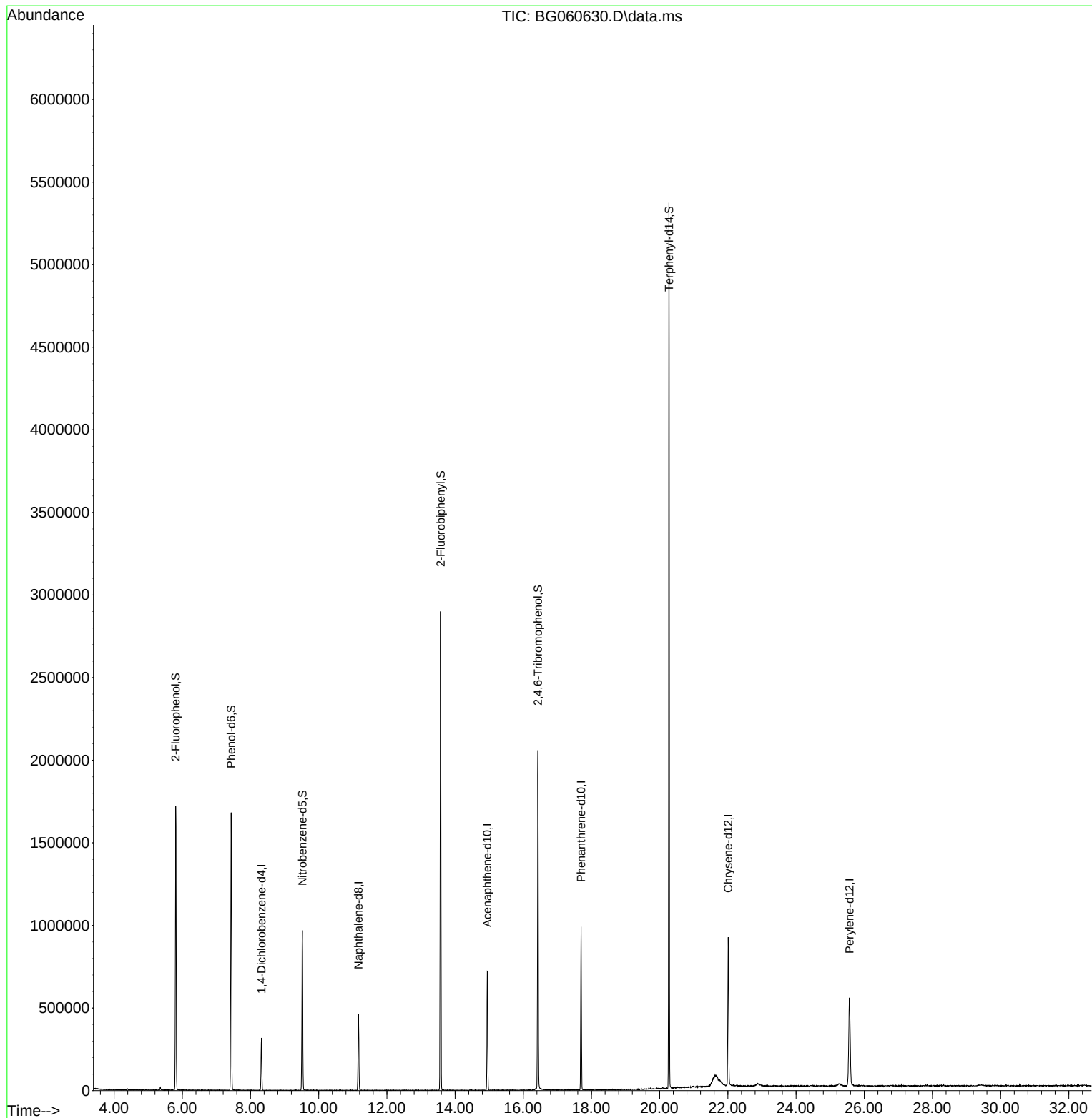
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

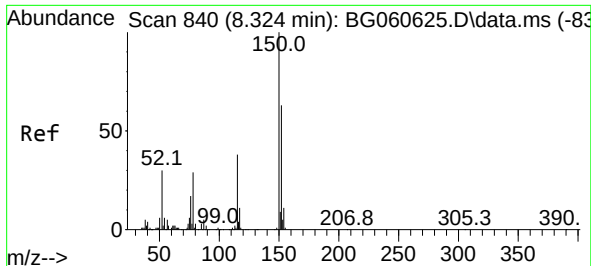
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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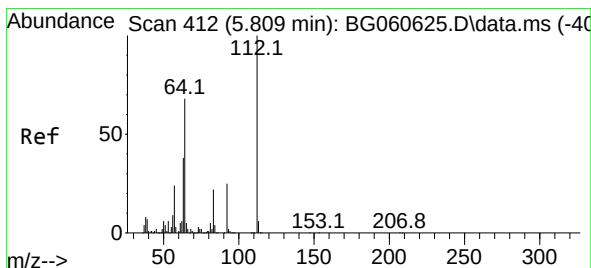
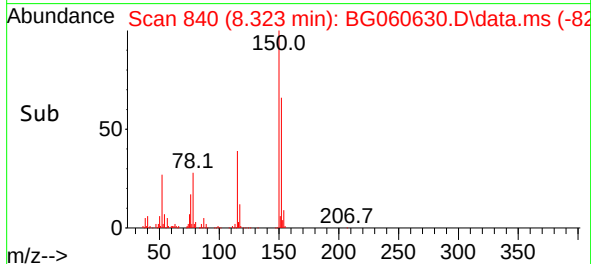
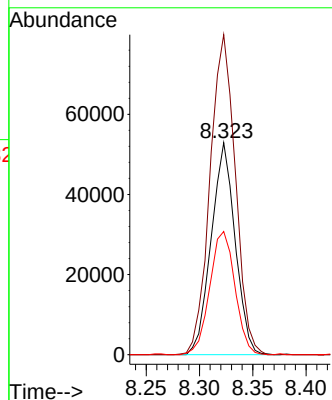
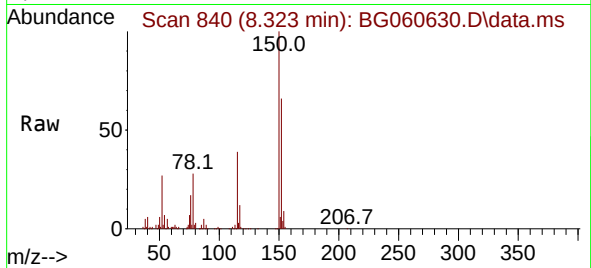




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.323 min Scan# 840  
 Delta R.T. -0.001 min  
 Lab File: BG060630.D  
 Acq: 13 Mar 2024 17:38

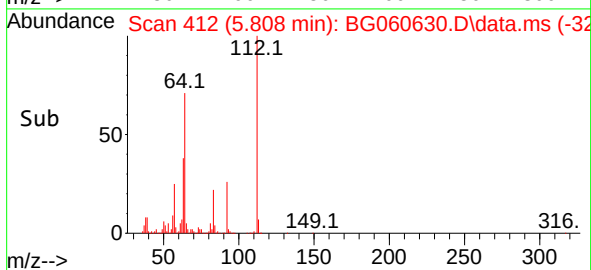
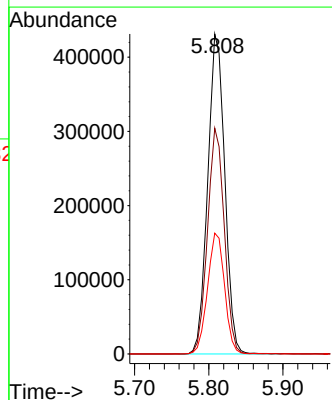
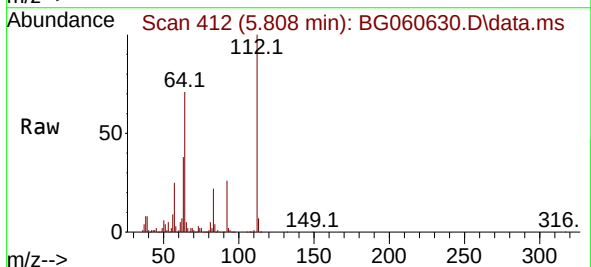
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB159549BL

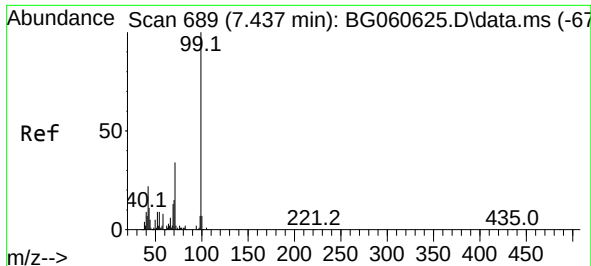
Tgt Ion:152 Resp: 82620  
 Ion Ratio Lower Upper  
 152 100  
 150 151.0 126.6 190.0  
 115 58.2 47.8 71.8



#5  
 2-Fluorophenol  
 Concen: 130.965 ng  
 RT: 5.808 min Scan# 412  
 Delta R.T. -0.001 min  
 Lab File: BG060630.D  
 Acq: 13 Mar 2024 17:38

Tgt Ion:112 Resp: 688321  
 Ion Ratio Lower Upper  
 112 100  
 64 70.5 54.1 81.1  
 63 37.8 30.3 45.5

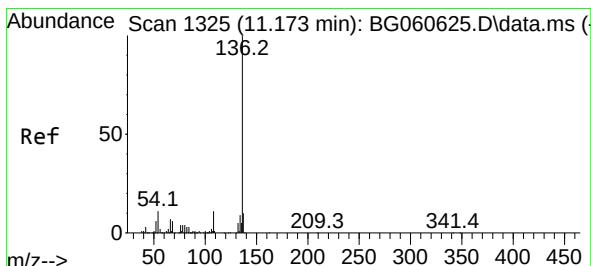
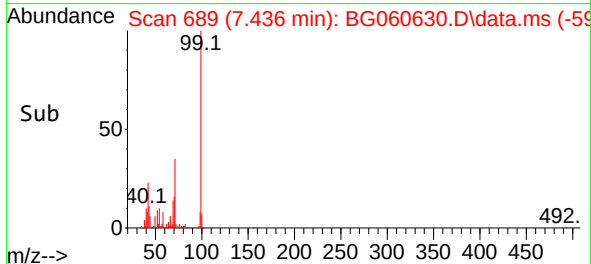
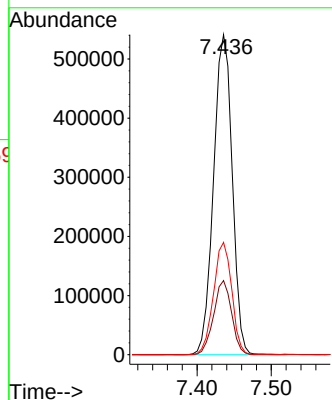
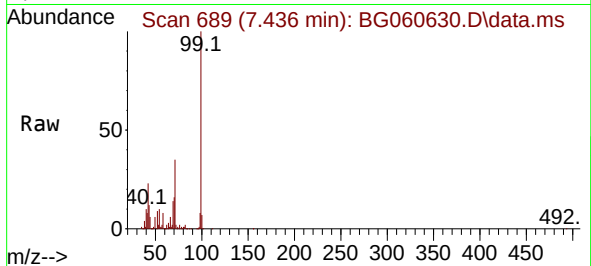




#7  
Phenol-d6  
Concen: 124.145 ng  
RT: 7.436 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

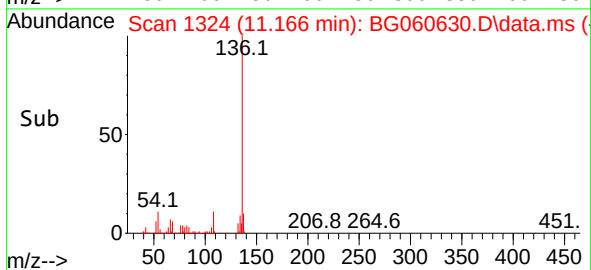
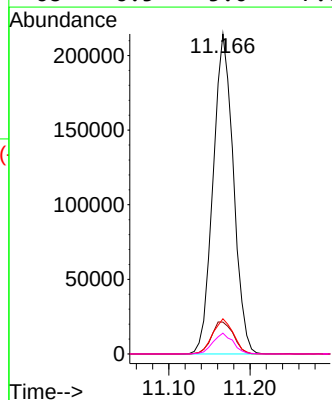
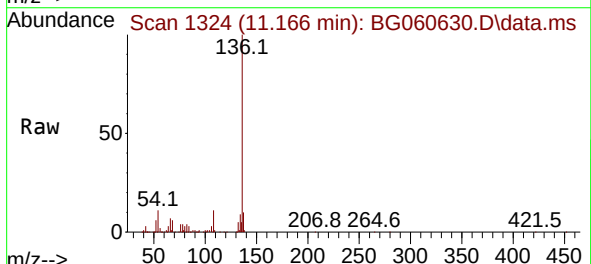
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BNA\_G  
ClientSampleId :  
PB159549BL

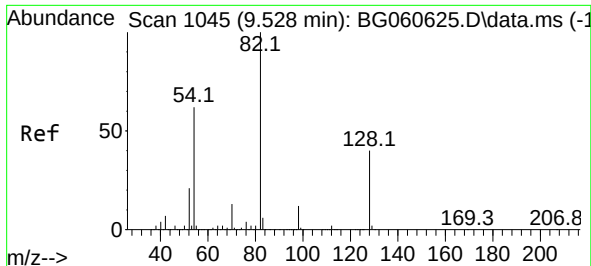
Tgt Ion: 99 Resp: 946486  
Ion Ratio Lower Upper  
99 100  
42 23.2 17.5 26.3  
71 35.1 27.4 41.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.166 min Scan# 1324  
Delta R.T. -0.007 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

Tgt Ion:136 Resp: 372723  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.4 12.6  
54 11.0 8.5 12.7  
68 6.5 5.0 7.6

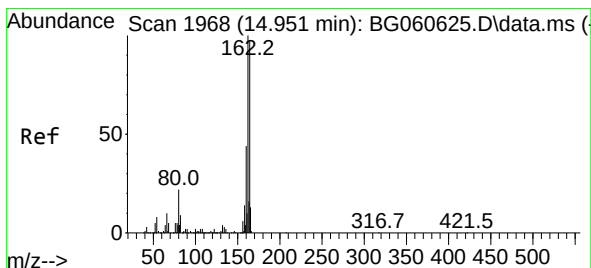
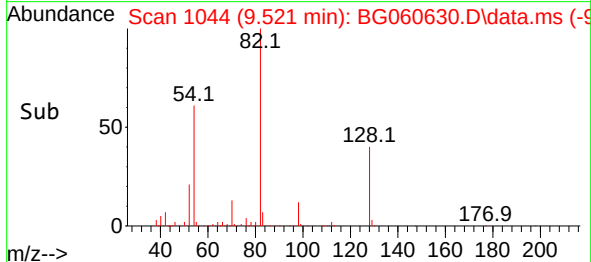
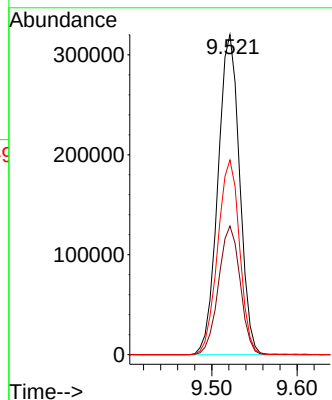
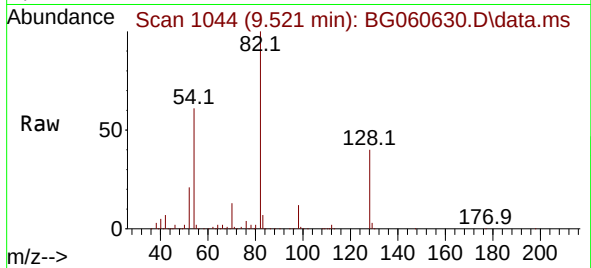




#23  
Nitrobenzene-d5  
Concen: 78.903 ng  
RT: 9.521 min Scan# 1044  
Delta R.T. -0.007 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

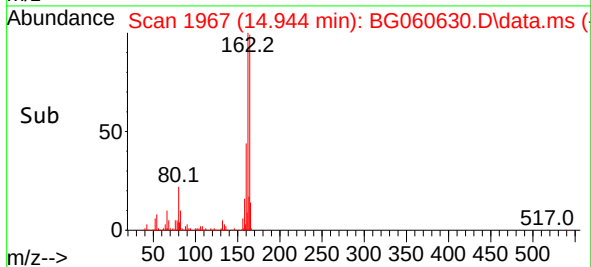
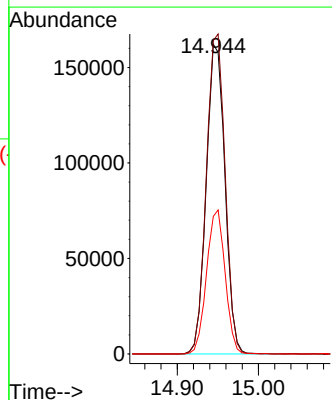
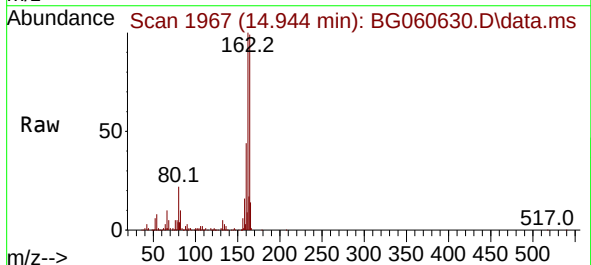
Instrument :  
BNA\_G  
ClientSampleId :  
PB159549BL

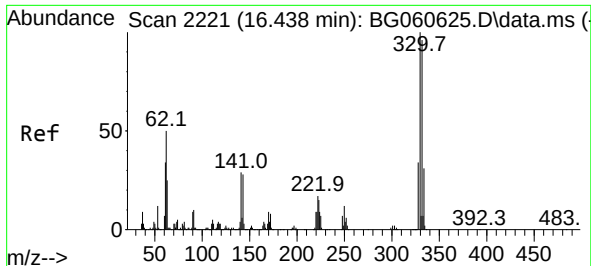
Tgt Ion: 82 Resp: 565084  
Ion Ratio Lower Upper  
82 100  
128 40.2 31.6 47.4  
54 60.9 49.3 73.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.944 min Scan# 1967  
Delta R.T. -0.007 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

Tgt Ion:164 Resp: 258825  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.5 123.7  
160 44.4 36.4 54.6

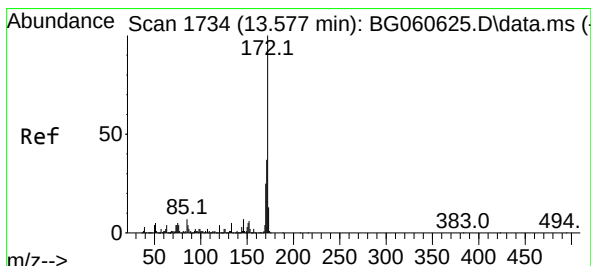
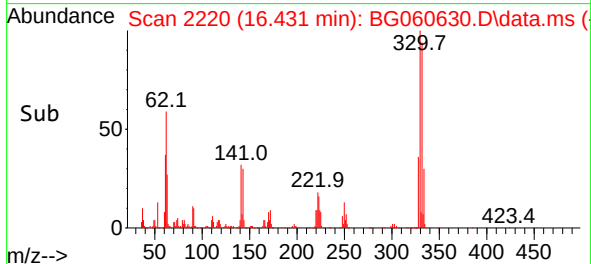
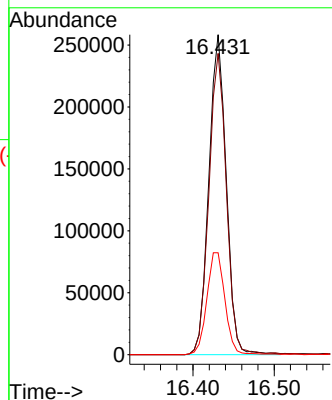
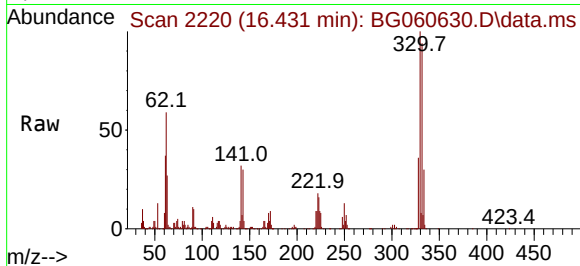




#42  
2,4,6-Tribromophenol  
Concen: 127.934 ng  
RT: 16.431 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

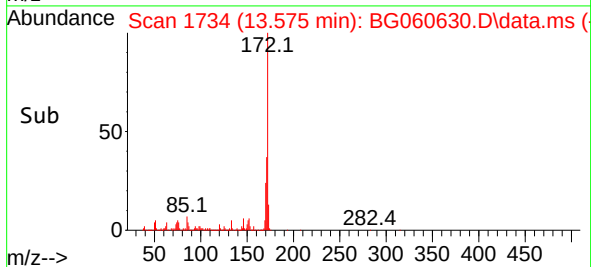
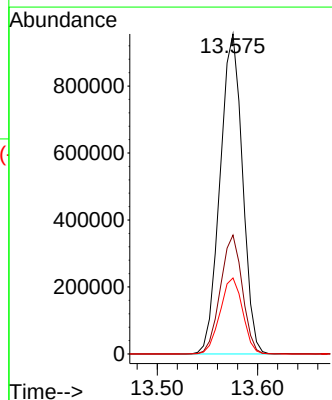
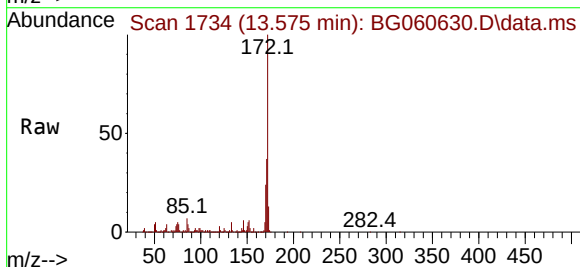
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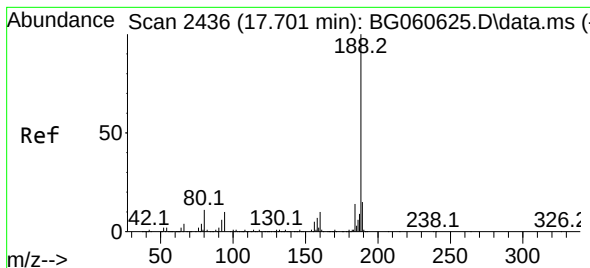
Tgt Ion:330 Resp: 383705  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.8 116.8  
141 33.4 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 77.348 ng  
RT: 13.575 min Scan# 1734  
Delta R.T. -0.001 min  
Lab File: BG060630.D  
Acq: 13 Mar 2024 17:38

Tgt Ion:172 Resp: 1480693  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.9 44.9  
170 23.8 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2436

Delta R.T. -0.007 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

Instrument :

BNA\_G

ClientSampleId :

PB159549BL

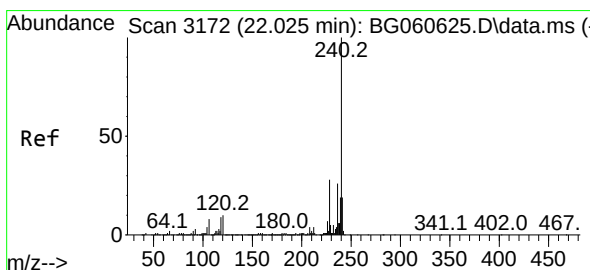
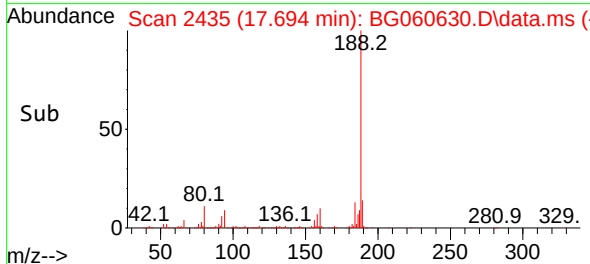
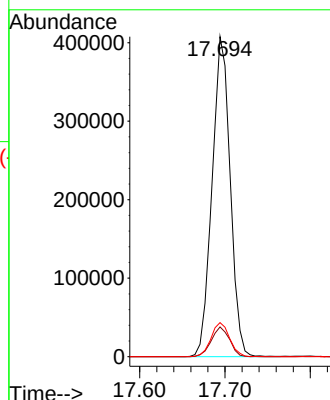
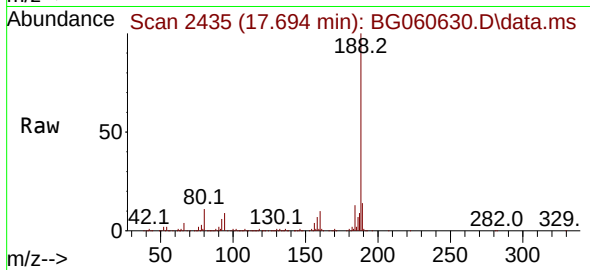
Tgt Ion:188 Resp: 603203

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3170

Delta R.T. -0.013 min

Lab File: BG060630.D

Acq: 13 Mar 2024 17:38

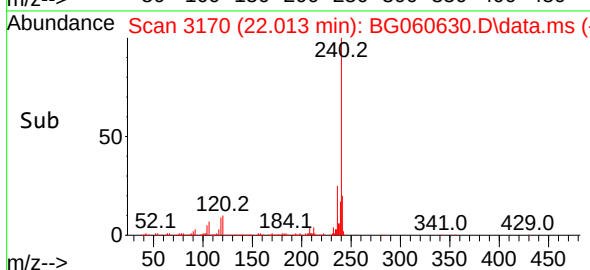
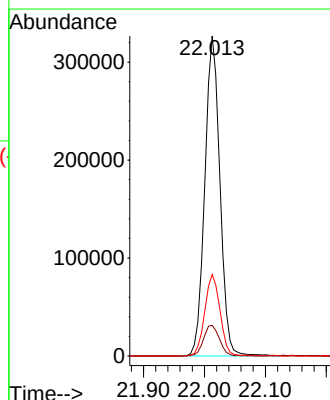
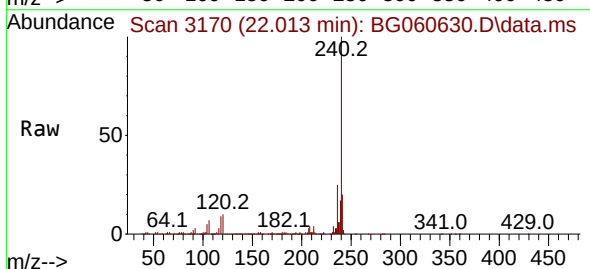
Tgt Ion:240 Resp: 564629

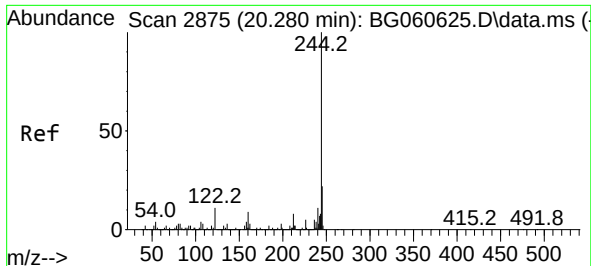
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.8

236 25.5 20.6 31.0

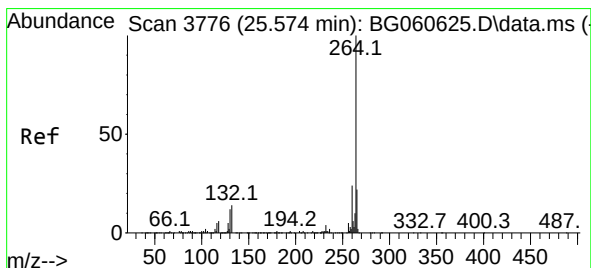
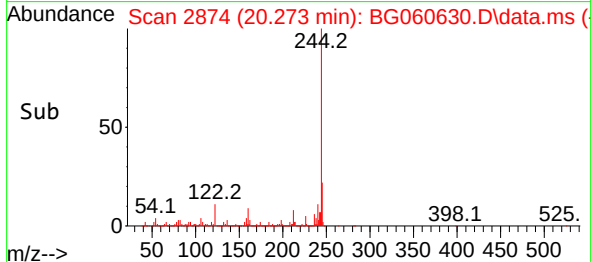
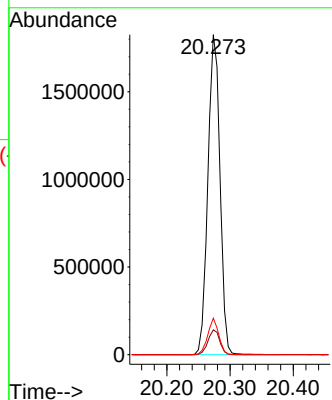
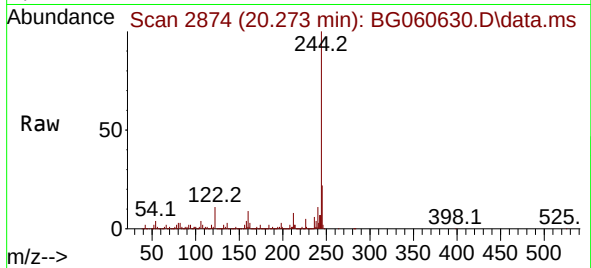




#79  
 Terphenyl-d14  
 Concen: 77.416 ng  
 RT: 20.273 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG060630.D  
 Acq: 13 Mar 2024 17:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB159549BL

Tgt Ion:244 Resp: 2418263  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.6 9.8  
 122 11.4 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.567 min Scan# 3775  
 Delta R.T. -0.007 min  
 Lab File: BG060630.D  
 Acq: 13 Mar 2024 17:38

Tgt Ion:264 Resp: 631597  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.4 29.2  
 265 21.5 18.1 27.1

