

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012424\  
 Data File : BG060414.D  
 Acq On : 24 Jan 2024 14:10  
 Operator : MA/JU  
 Sample : PB158578BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158578BL

Quant Time: Jan 24 15:08:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.931  | 152  | 212691   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.733 | 136  | 910183   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.564 | 164  | 736968   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.314 | 188  | 2050519  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.574 | 240  | 1870299  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.740 | 264  | 2031858  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 2015983  | 155.900 | ng    | 0.00     |
| 7) Phenol-d6                | 7.102  | 99   | 2666992  | 139.282 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.094  | 82   | 1745999  | 90.582  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.056 | 330  | 1529780  | 141.086 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.189 | 172  | 4231247  | 79.824  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.934 | 244  | 6398294  | 87.060  | ng    | 0.00     |

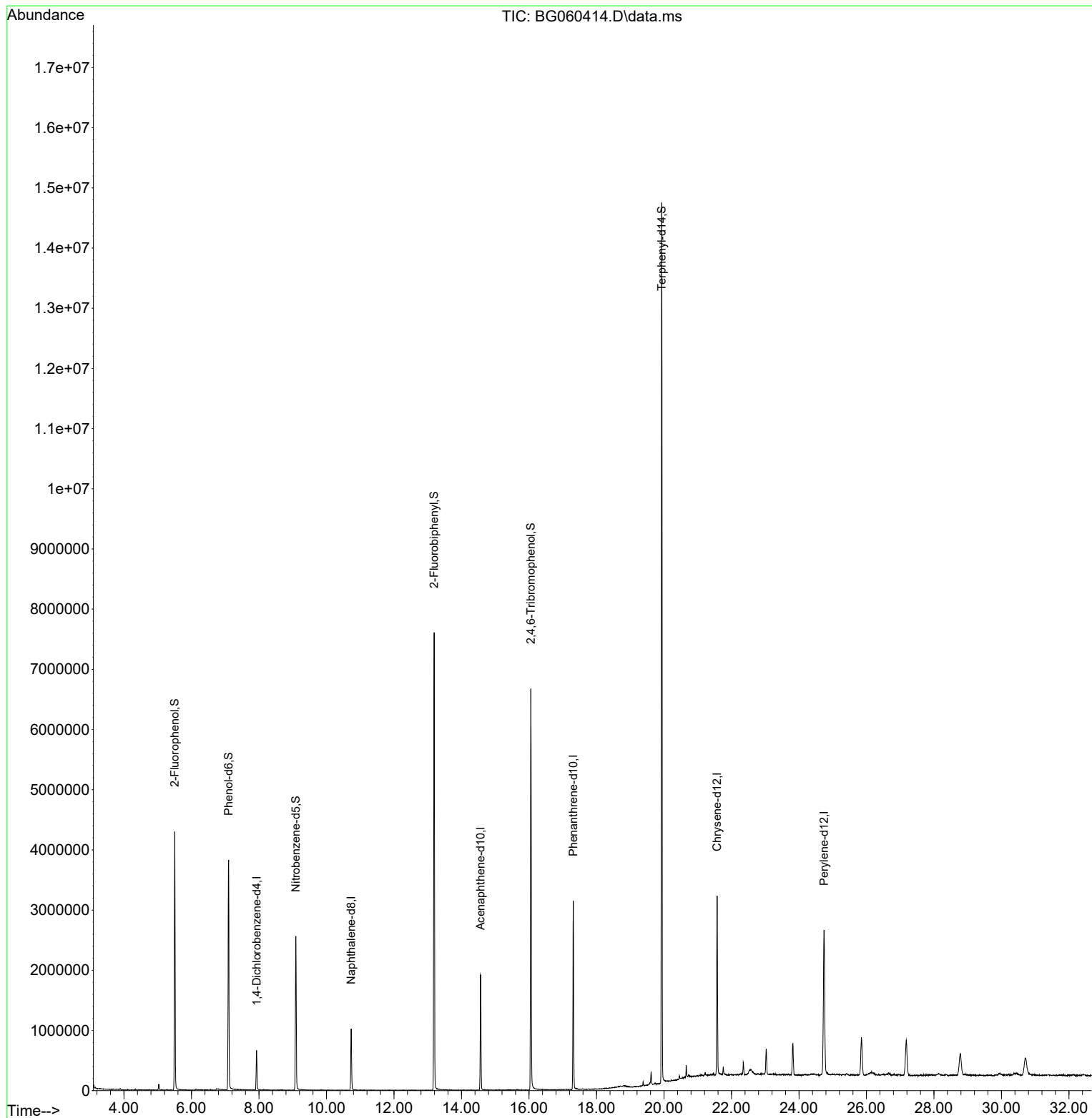
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

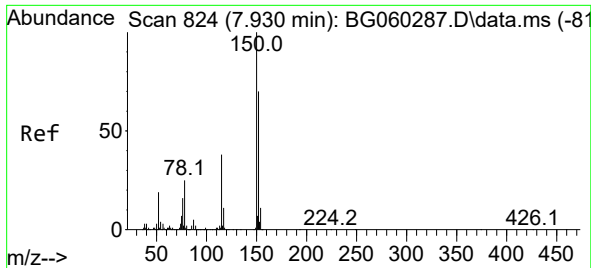
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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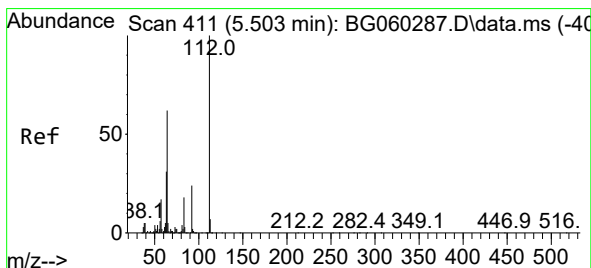
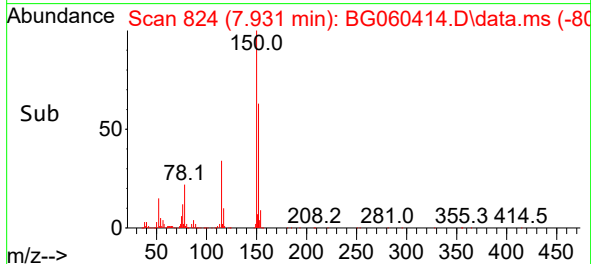
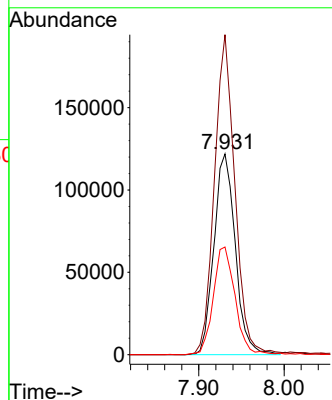
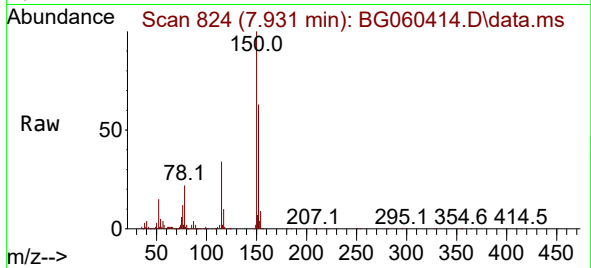




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.931 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

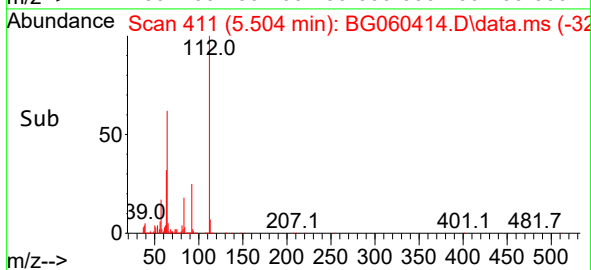
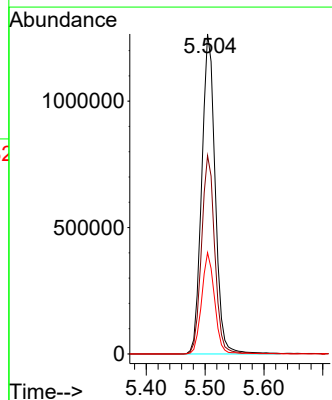
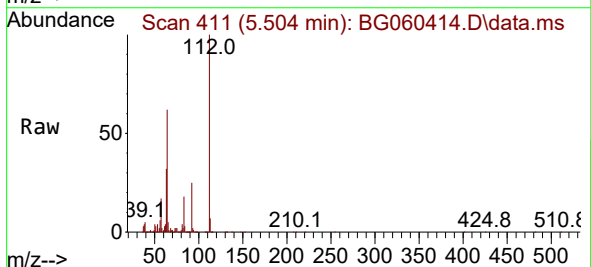
Instrument :  
BNA\_G  
ClientSampleId :  
PB158578BL

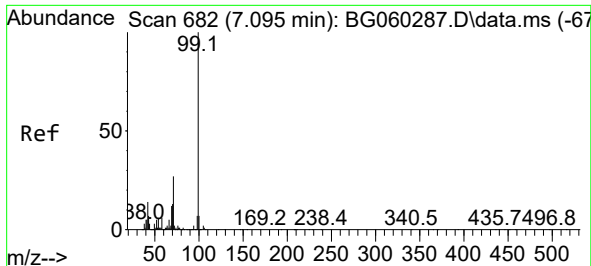
Tgt Ion:152 Resp: 212691  
Ion Ratio Lower Upper  
152 100  
150 159.4 114.5 171.7  
115 53.6 43.0 64.6



#5  
2-Fluorophenol  
Concen: 155.900 ng  
RT: 5.504 min Scan# 411  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

Tgt Ion:112 Resp: 2015983  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.8 74.6  
63 31.7 24.4 36.6

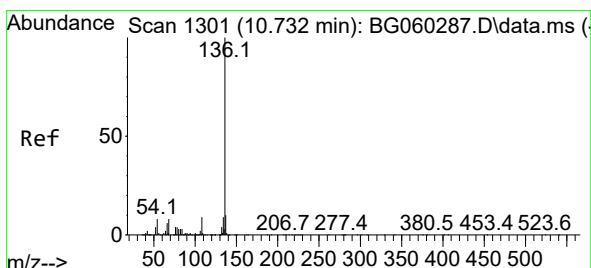
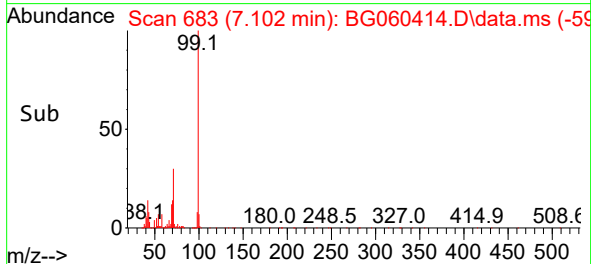
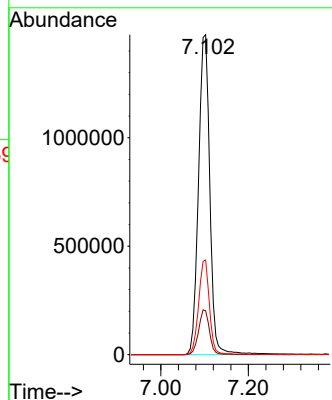
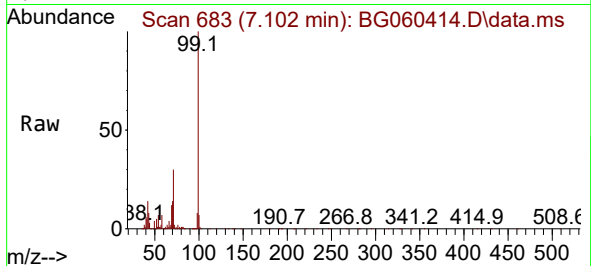




#7  
Phenol-d6  
Concen: 139.282 ng  
RT: 7.102 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

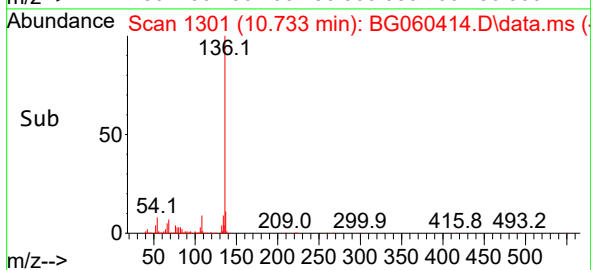
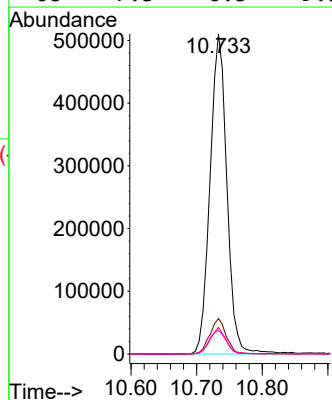
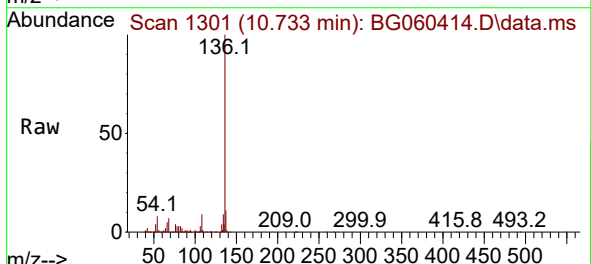
Instrument :  
BNA\_G  
ClientSampleId :  
PB158578BL

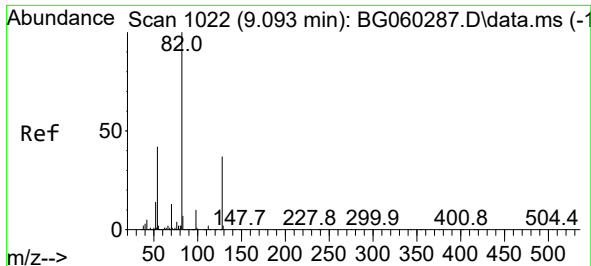
Tgt Ion: 99 Resp: 2666992  
Ion Ratio Lower Upper  
99 100  
42 13.7 10.9 16.3  
71 29.6 21.5 32.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 1301  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

Tgt Ion:136 Resp: 910183  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.2 12.4  
54 8.3 6.2 9.2  
68 7.3 6.3 9.5

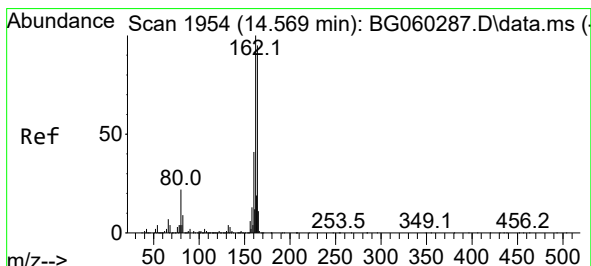
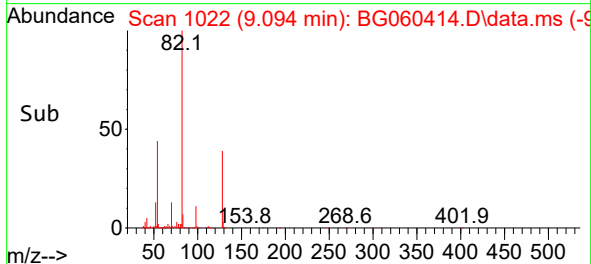
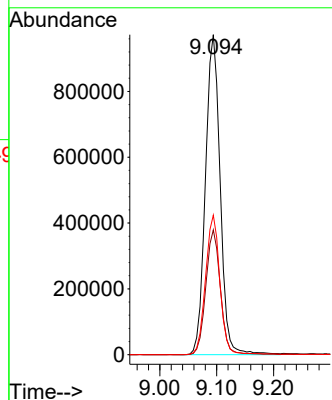
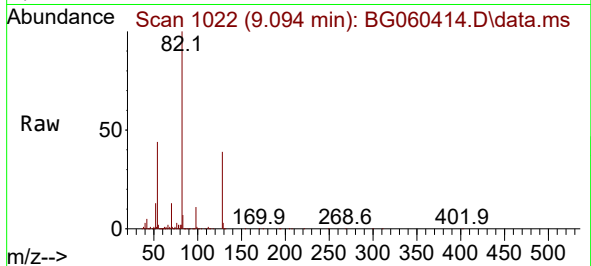




#23  
Nitrobenzene-d5  
Concen: 90.582 ng  
RT: 9.094 min Scan# 1022  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

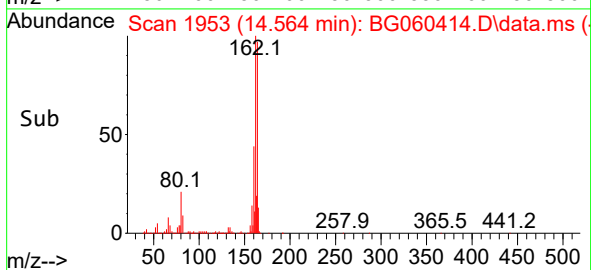
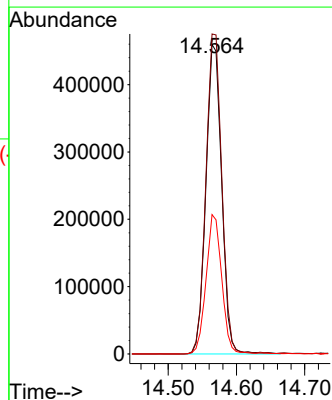
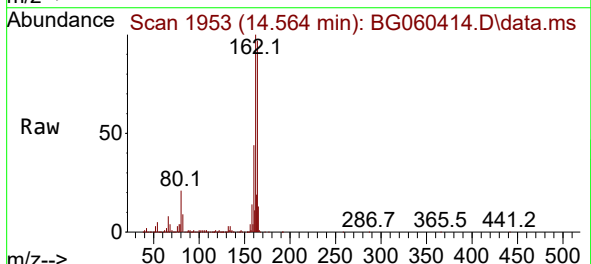
Instrument :  
BNA\_G  
ClientSampleId :  
PB158578BL

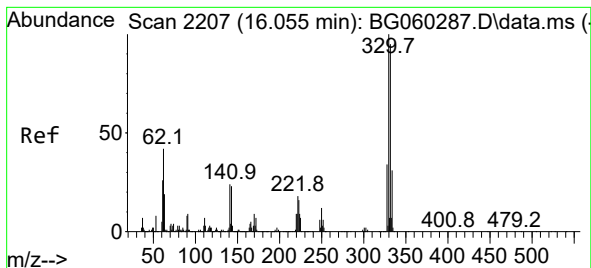
Tgt Ion: 82 Resp: 1745999  
Ion Ratio Lower Upper  
82 100  
128 39.0 29.6 44.4  
54 43.6 33.6 50.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.564 min Scan# 1953  
Delta R.T. -0.005 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

Tgt Ion:164 Resp: 736968  
Ion Ratio Lower Upper  
164 100  
162 103.4 84.4 126.6  
160 45.1 34.6 52.0

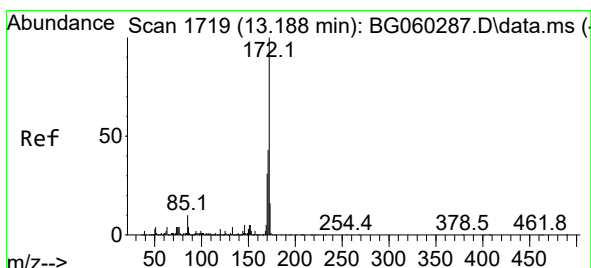
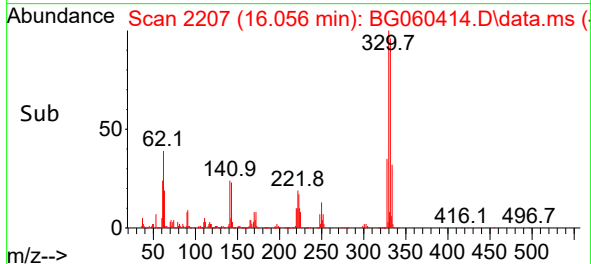
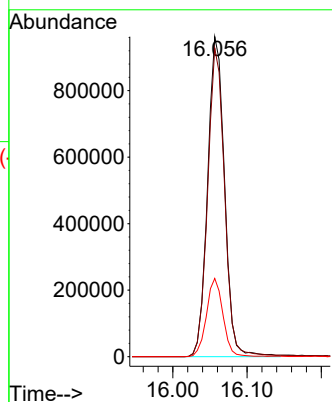
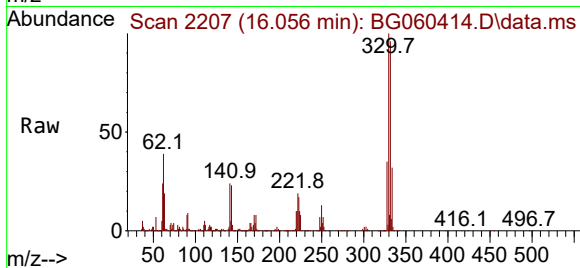




#42  
2,4,6-Tribromophenol  
Concen: 141.086 ng  
RT: 16.056 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

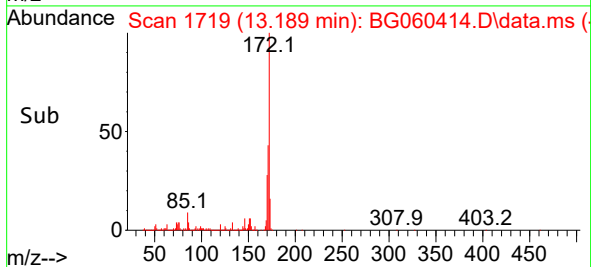
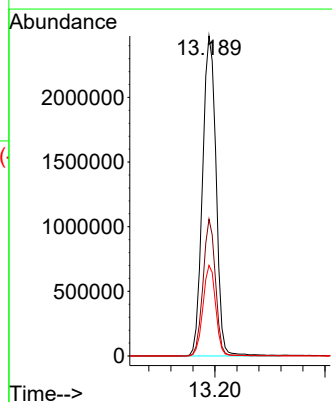
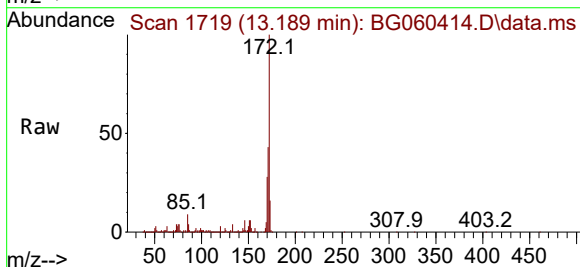
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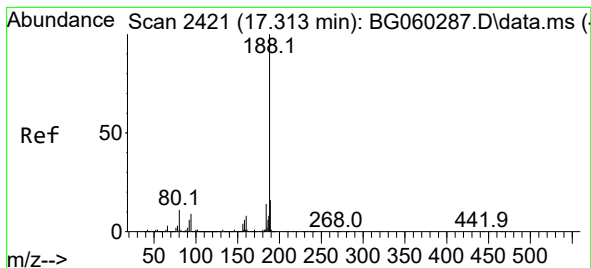
Tgt Ion:330 Resp: 1529780  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.7 115.1  
141 23.9 18.6 28.0



#45  
2-Fluorobiphenyl  
Concen: 79.824 ng  
RT: 13.189 min Scan# 1719  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

Tgt Ion:172 Resp: 4231247  
Ion Ratio Lower Upper  
172 100  
171 42.7 34.6 51.8  
170 28.3 24.4 36.6

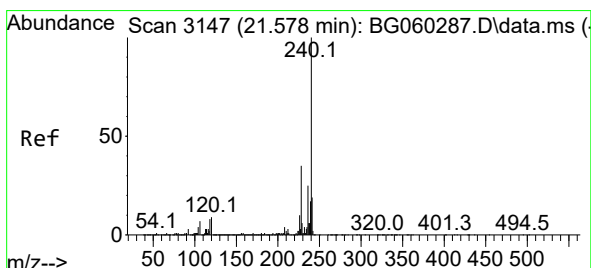
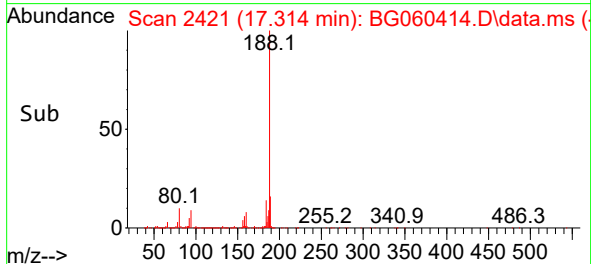
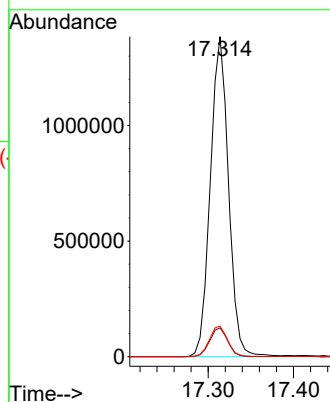
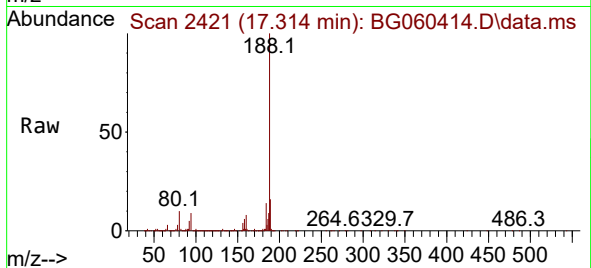




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.314 min Scan# 2421  
Delta R.T. 0.001 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

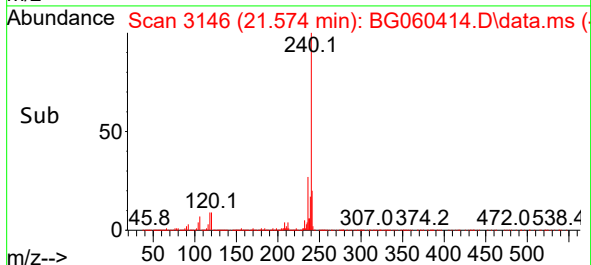
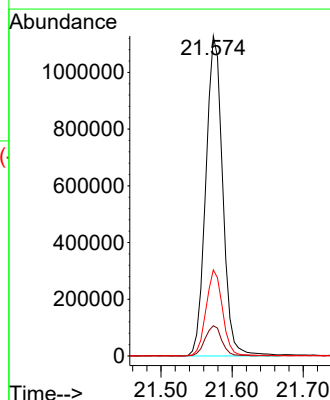
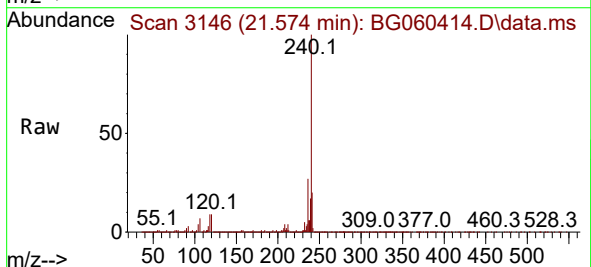
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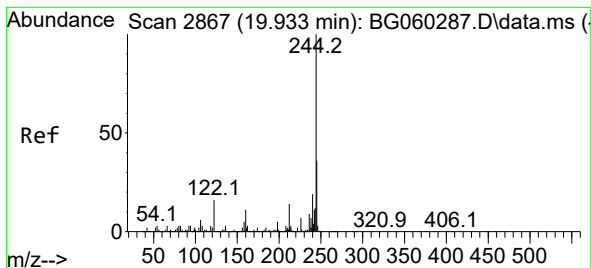
Tgt Ion:188 Resp: 2050519  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.1 10.7  
80 9.6 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 3146  
Delta R.T. -0.005 min  
Lab File: BG060414.D  
Acq: 24 Jan 2024 14:10

Tgt Ion:240 Resp: 1870299  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.3 10.9  
236 26.9 20.3 30.5





#79

Terphenyl-d14

Concen: 87.060 ng

RT: 19.934 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060414.D

Acq: 24 Jan 2024 14:10

Instrument :

BNA\_G

ClientSampleId :

PB158578BL

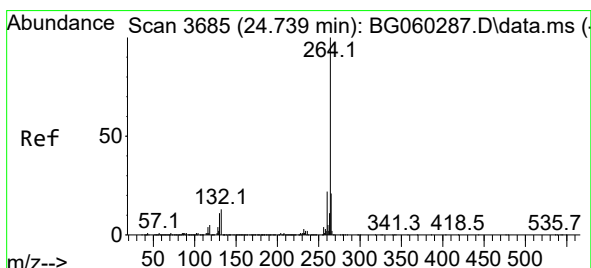
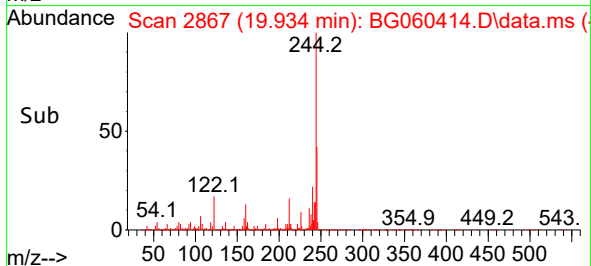
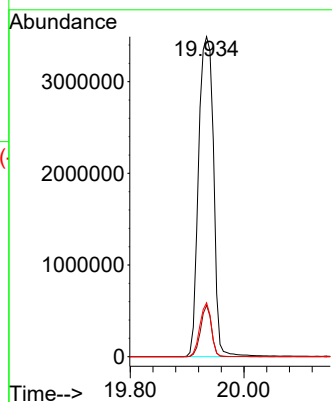
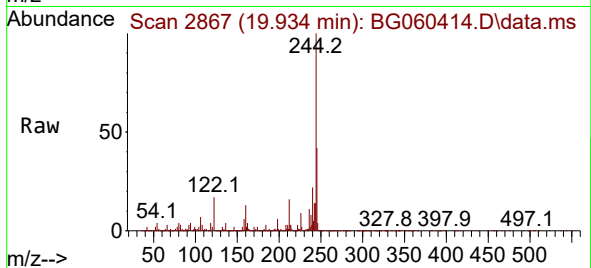
Tgt Ion:244 Resp: 6398294

Ion Ratio Lower Upper

244 100

212 16.1 10.9 16.3

122 16.9 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.740 min Scan# 3685

Delta R.T. 0.001 min

Lab File: BG060414.D

Acq: 24 Jan 2024 14:10

Tgt Ion:264 Resp: 2031858

Ion Ratio Lower Upper

264 100

260 23.1 17.8 26.6

265 21.5 16.8 25.2

