

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122223\  
 Data File : BG060137.D  
 Acq On : 22 Dec 2023 14:10  
 Operator : MA/JU  
 Sample : 05898-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GHL-SS-74a

Quant Time: Dec 22 14:53:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 03:42:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.941  | 152  | 159078   | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.744 | 136  | 729057   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.574 | 164  | 657276   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.324 | 188  | 1794514  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.590 | 240  | 1347838  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.768 | 264  | 1327372  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.514  | 112  | 1004646  | 99.513 | ng    | 0.00     |
| 7) Phenol-d6                | 7.101  | 99   | 1583708  | 93.211 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.098  | 82   | 896537   | 60.241 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.067 | 330  | 846359   | 95.637 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.199 | 172  | 2472542  | 56.485 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.945 | 244  | 4274607  | 57.388 | ng    | 0.00     |

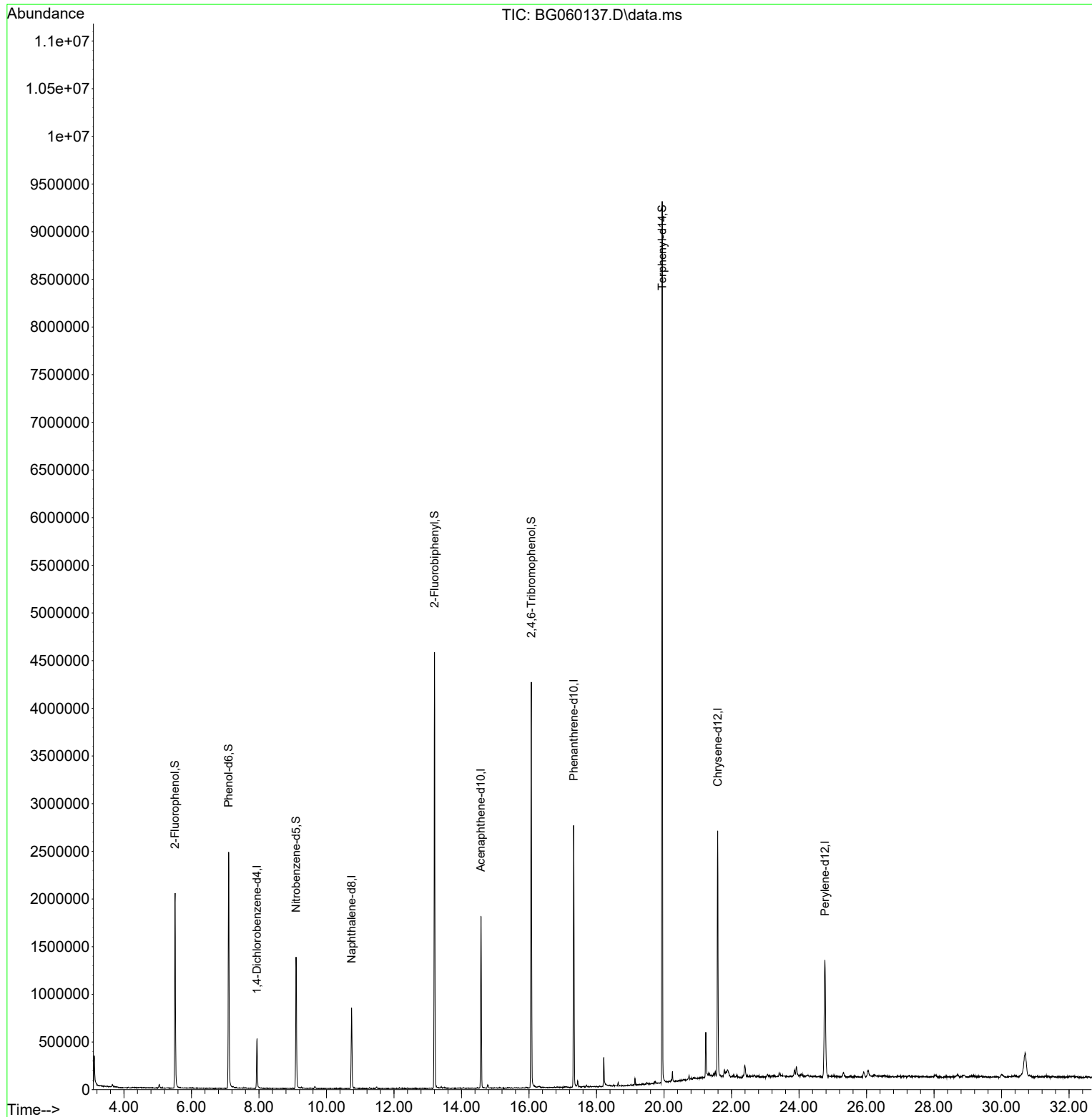
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

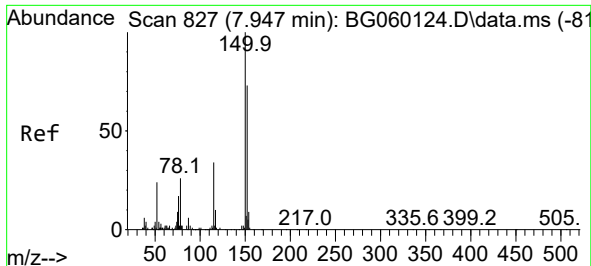
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 22 03:42:04 2023  
Response via : Initial Calibration

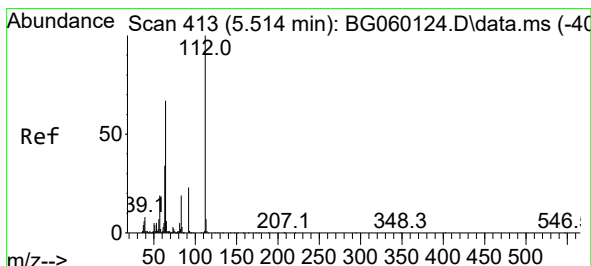
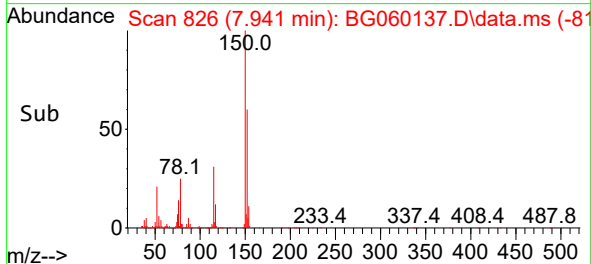
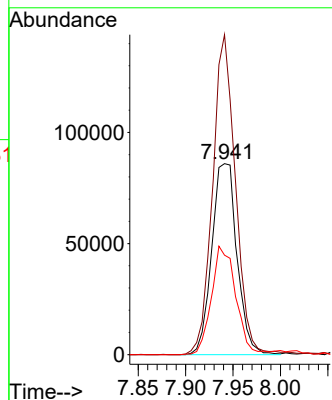
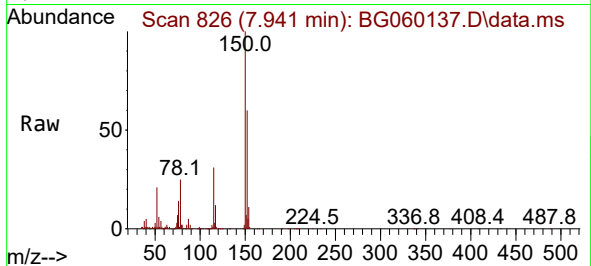




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.941 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

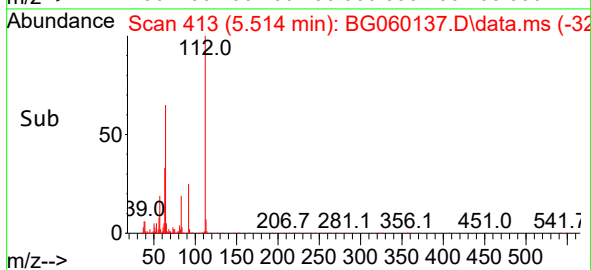
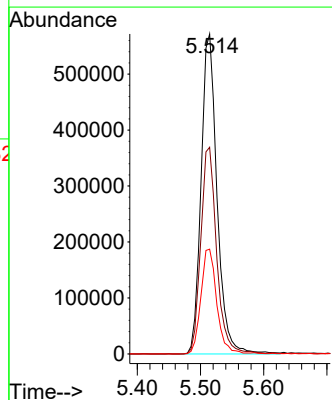
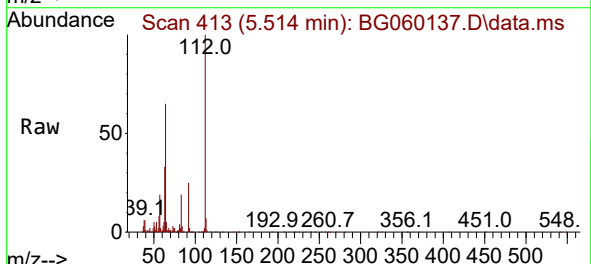
Instrument :  
BNA\_G  
ClientSampleId :  
GHL-SS-74a

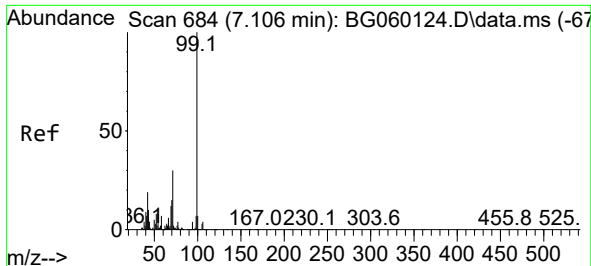
Tgt Ion:152 Resp: 159078  
Ion Ratio Lower Upper  
152 100  
150 167.5 109.4 164.0#  
115 52.1 36.5 54.7



#5  
2-Fluorophenol  
Concen: 99.513 ng  
RT: 5.514 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

Tgt Ion:112 Resp: 1004646  
Ion Ratio Lower Upper  
112 100  
64 64.6 53.3 79.9  
63 32.8 27.1 40.7

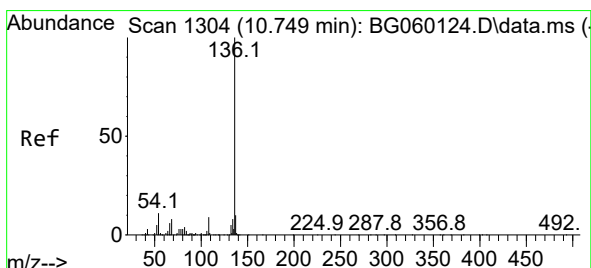
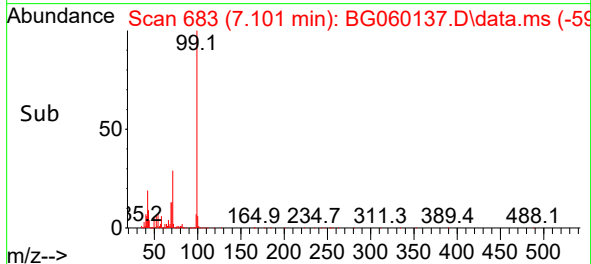
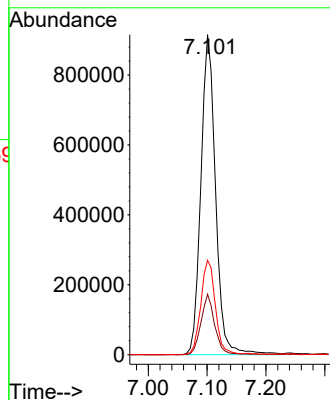
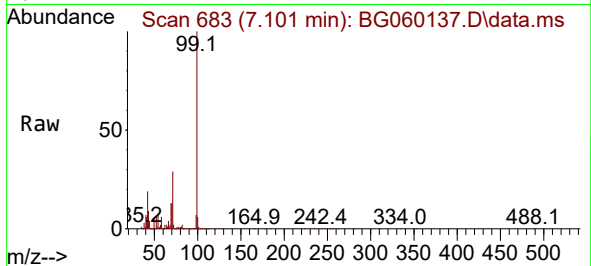




#7  
Phenol-d6  
Concen: 93.211 ng  
RT: 7.101 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

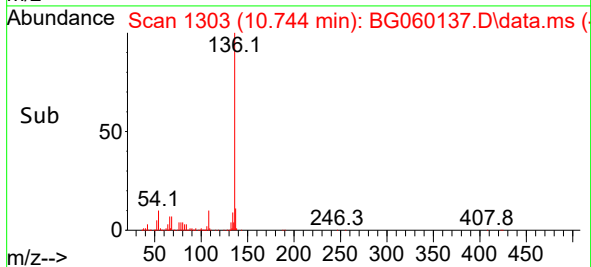
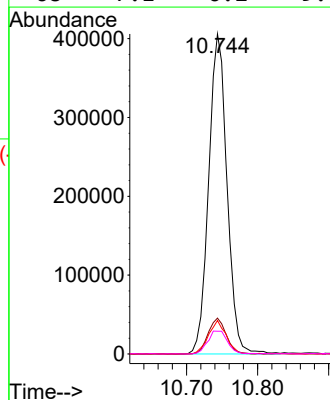
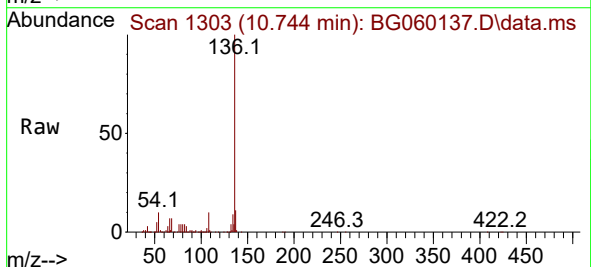
Instrument :  
BNA\_G  
ClientSampleId :  
GHL-SS-74a

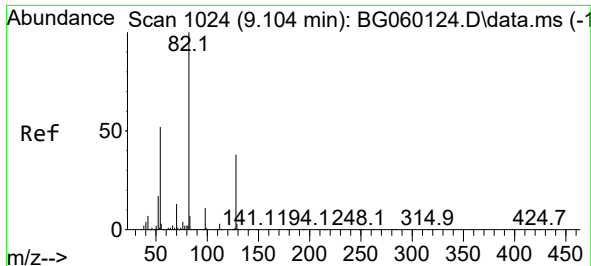
Tgt Ion: 99 Resp: 1583708  
Ion Ratio Lower Upper  
99 100  
42 18.9 15.2 22.8  
71 29.5 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.744 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

Tgt Ion:136 Resp: 729057  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.1 12.1  
54 10.4 8.7 13.1  
68 7.1 6.2 9.4

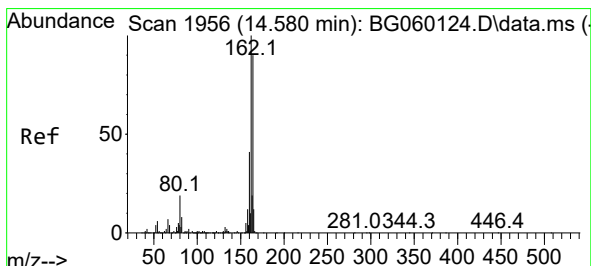
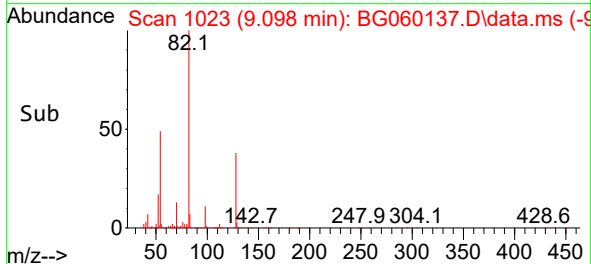
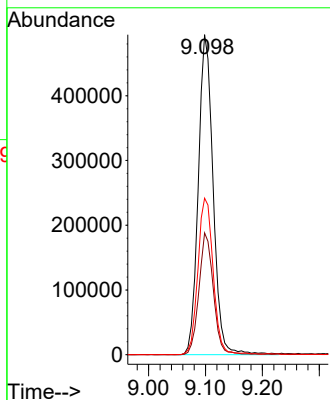
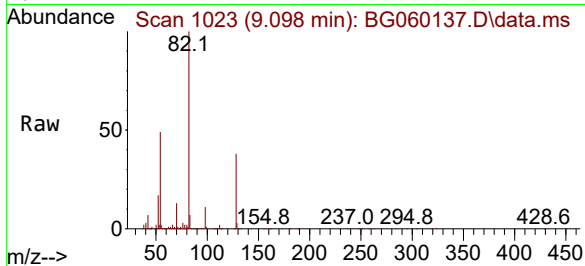




#23  
Nitrobenzene-d5  
Concen: 60.241 ng  
RT: 9.098 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

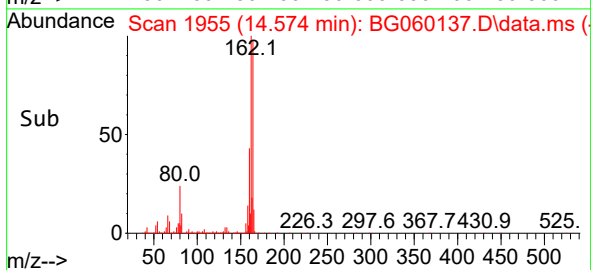
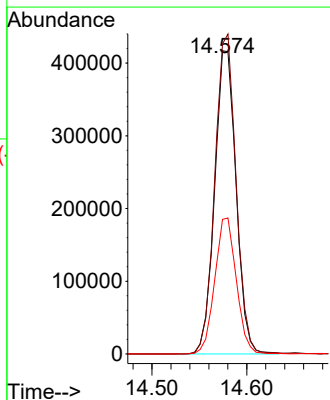
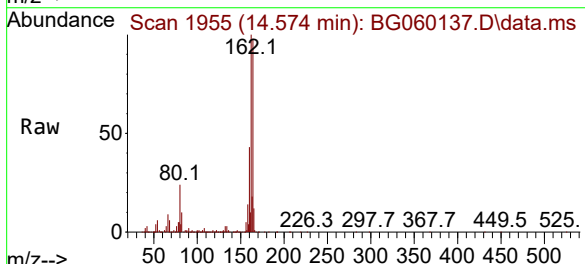
Instrument :  
BNA\_G  
ClientSampleId :  
GHL-SS-74a

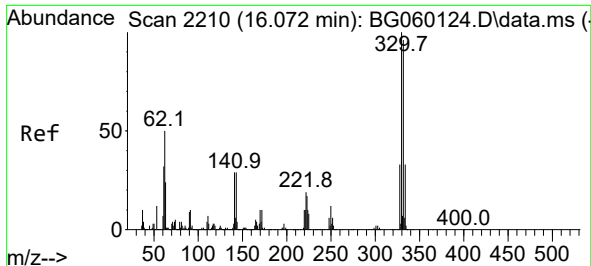
Tgt Ion: 82 Resp: 896537  
Ion Ratio Lower Upper  
82 100  
128 38.1 30.5 45.7  
54 48.9 41.9 62.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.574 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

Tgt Ion:164 Resp: 657276  
Ion Ratio Lower Upper  
164 100  
162 102.2 88.5 132.7  
160 44.4 36.2 54.2

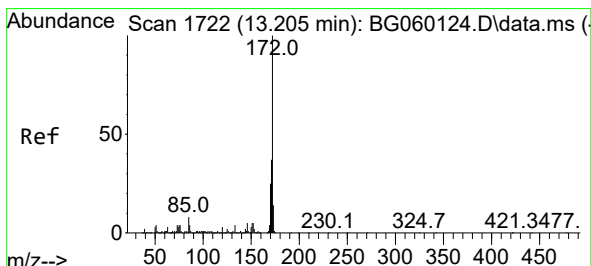
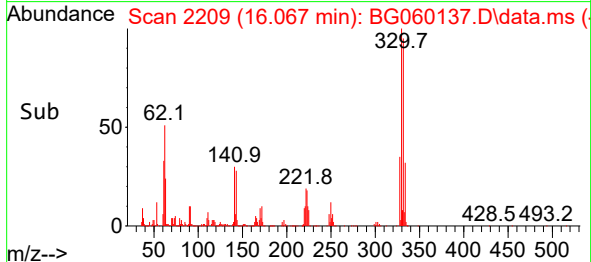
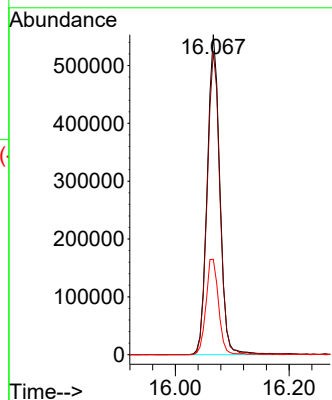
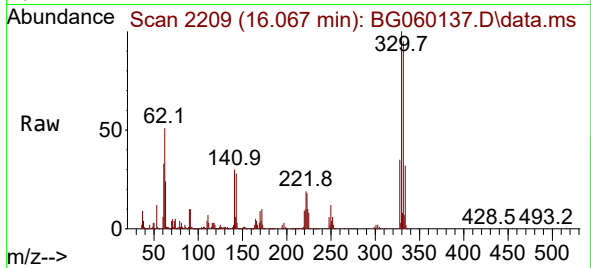




#42  
2,4,6-Tribromophenol  
Concen: 95.637 ng  
RT: 16.067 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

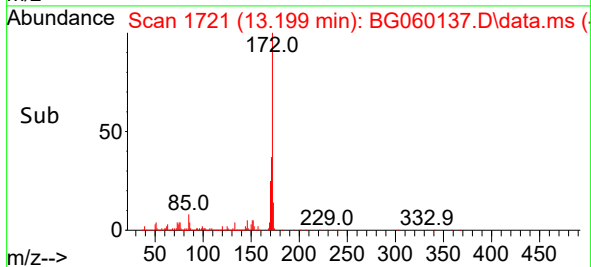
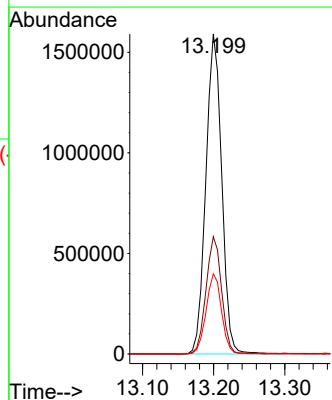
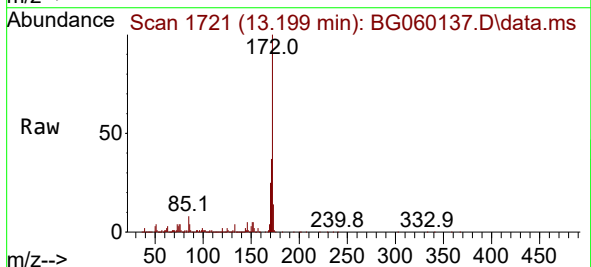
Instrument :  
BNA\_G  
ClientSampleId :  
GHL-SS-74a

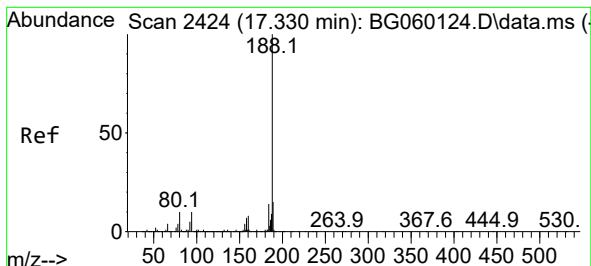
Tgt Ion:330 Resp: 846359  
Ion Ratio Lower Upper  
330 100  
332 95.3 75.5 113.3  
141 30.0 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 56.485 ng  
RT: 13.199 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BG060137.D  
Acq: 22 Dec 2023 14:10

Tgt Ion:172 Resp: 2472542  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.2 43.8  
170 25.1 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060137.D

Acq: 22 Dec 2023 14:10

Instrument :

BNA\_G

ClientSampleId :

GHL-SS-74a

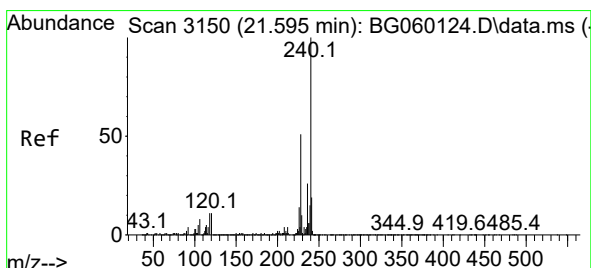
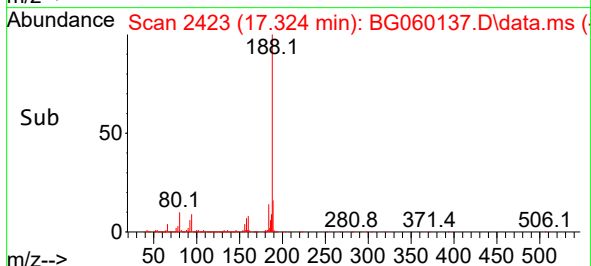
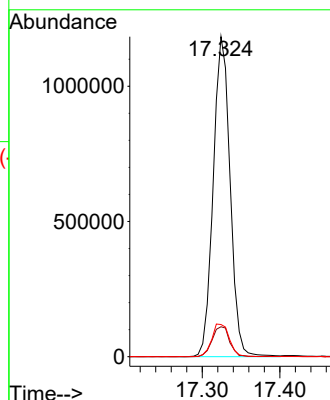
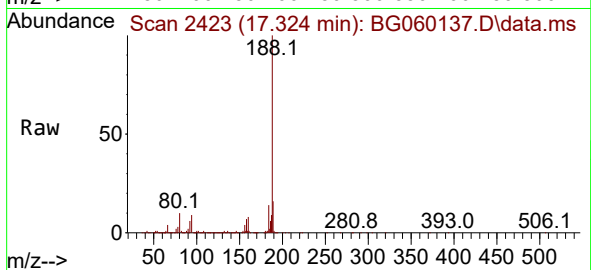
Tgt Ion:188 Resp: 1794514

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG060137.D

Acq: 22 Dec 2023 14:10

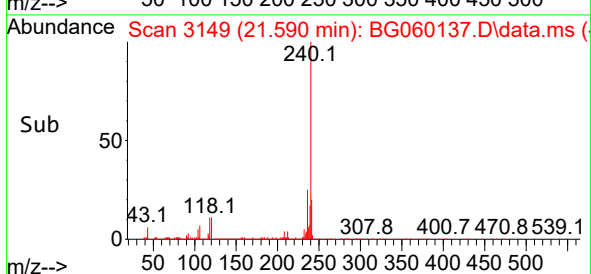
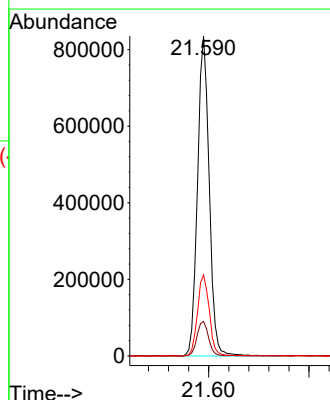
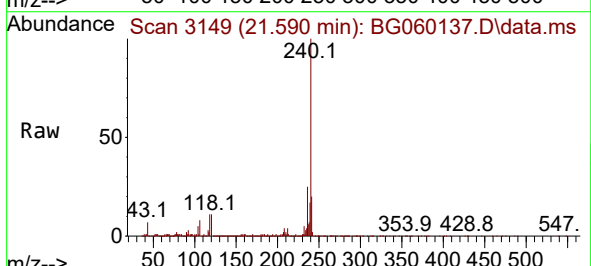
Tgt Ion:240 Resp: 1347838

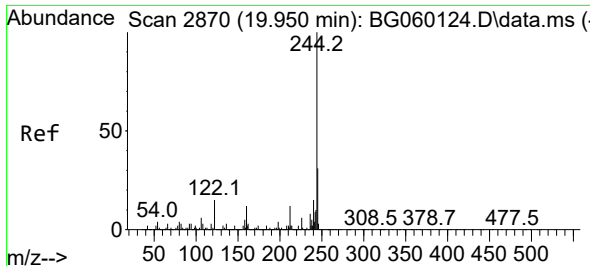
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

236 25.3 20.4 30.6

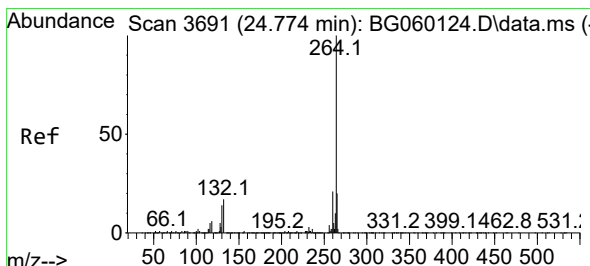
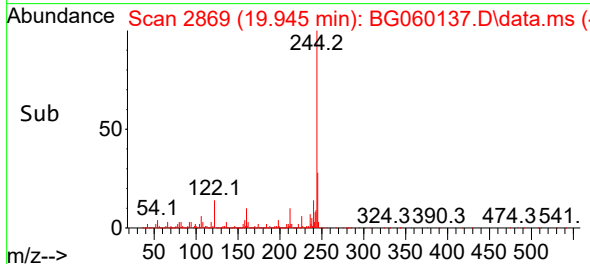
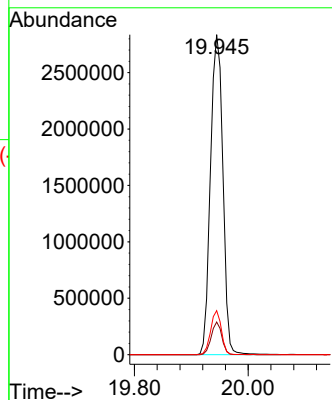
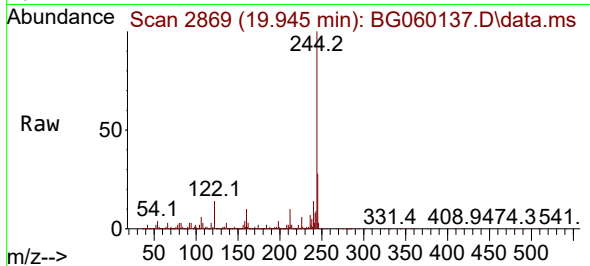




#79  
 Terphenyl-d14  
 Concen: 57.388 ng  
 RT: 19.945 min Scan# 2869  
 Delta R.T. -0.005 min  
 Lab File: BG060137.D  
 Acq: 22 Dec 2023 14:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GHL-SS-74a

Tgt Ion:244 Resp: 4274607  
 Ion Ratio Lower Upper  
 244 100  
 212 10.2 9.5 14.3  
 122 13.8 12.2 18.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.768 min Scan# 3690  
 Delta R.T. -0.006 min  
 Lab File: BG060137.D  
 Acq: 22 Dec 2023 14:10

Tgt Ion:264 Resp: 1327372  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 17.1 25.7  
 265 22.2 16.0 24.0

