

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011224\  
 Data File : BG060314.D  
 Acq On : 12 Jan 2024 13:41  
 Operator : MA/JU  
 Sample : PB158404BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158404BL

Quant Time: Jan 12 15:25:33 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   | 7.928  | 152  | 301945   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.731 | 136  | 1205445  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.568 | 164  | 817546   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.311 | 188  | 2034077  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.577 | 240  | 2078419  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.738 | 264  | 2339065  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.508  | 112  | 2746272  | 149.598 | ng    | 0.00     |
| 7) Phenol-d6                | 7.094  | 99   | 3547709  | 130.510 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.092  | 82   | 2222515  | 87.061  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.054 | 330  | 1476606  | 122.759 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.187 | 172  | 4831659  | 82.167  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.932 | 244  | 6540176  | 76.412  | ng    | 0.00     |

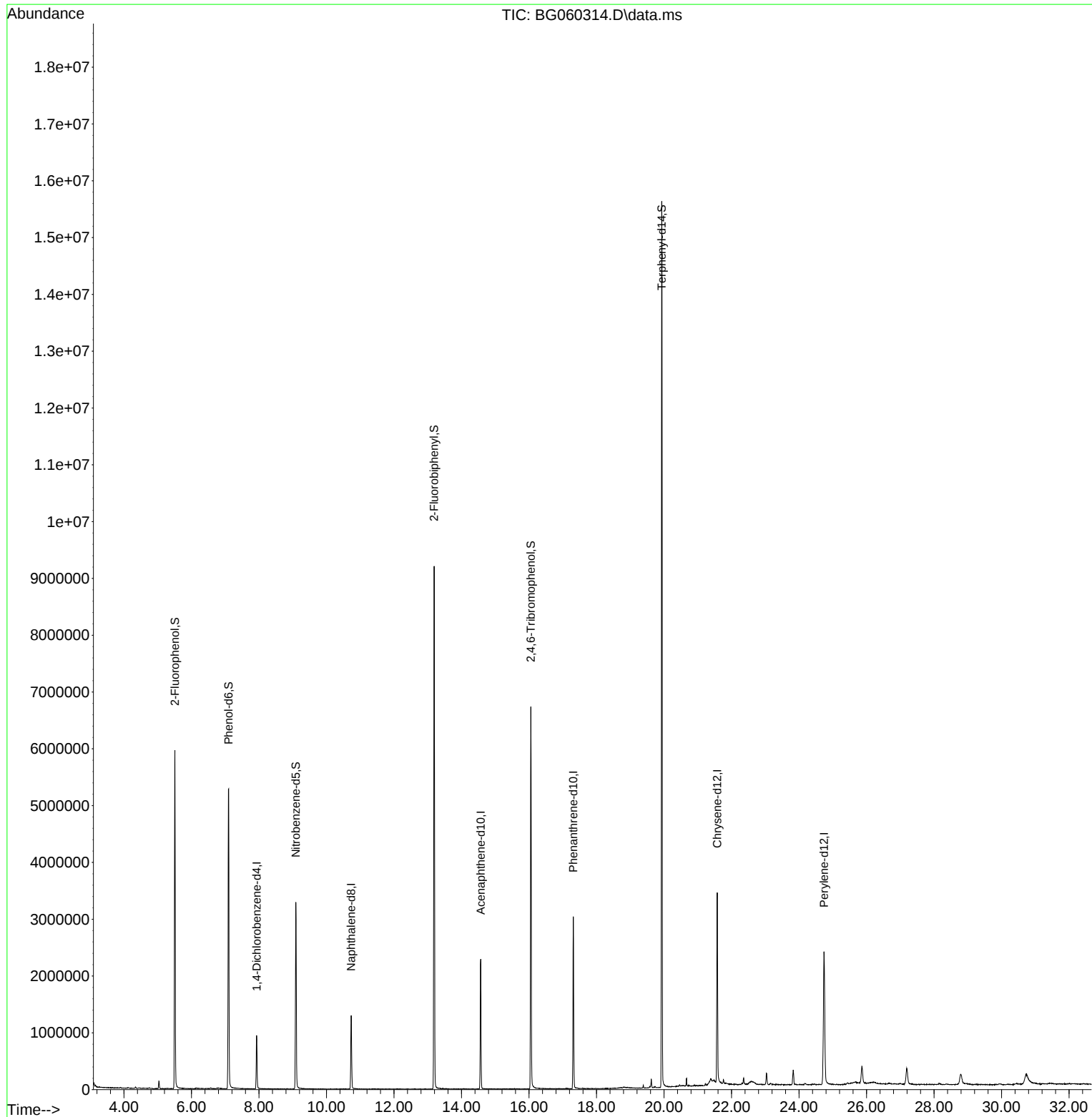
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

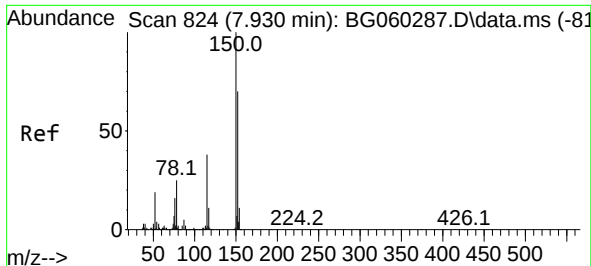
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 09 04:07:12 2024  
Response via : Initial Calibration

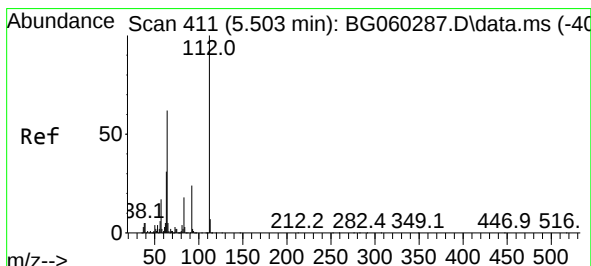
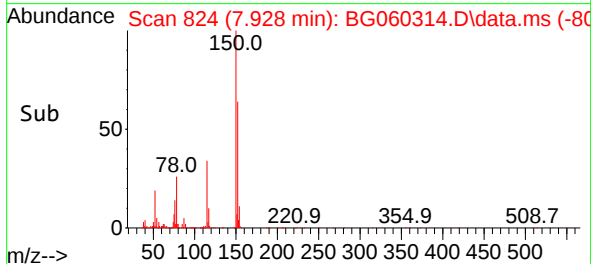
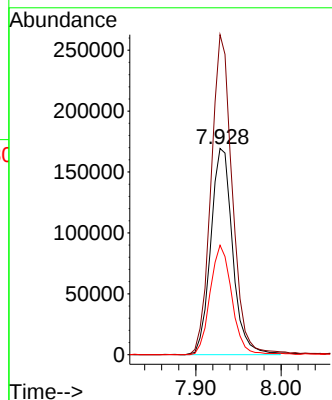
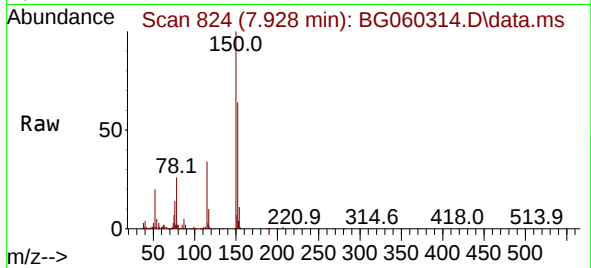




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

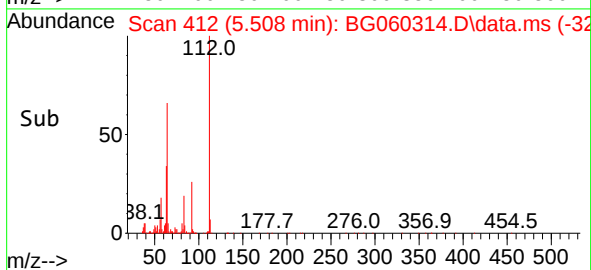
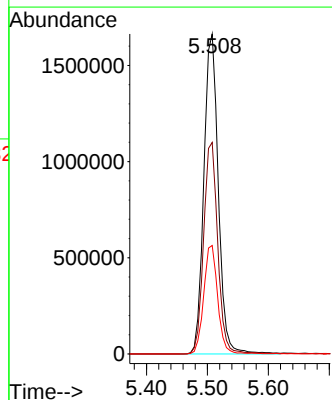
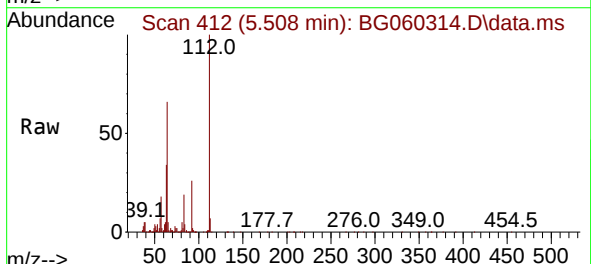
Instrument :  
BNA\_G  
ClientSampleId :  
PB158404BL

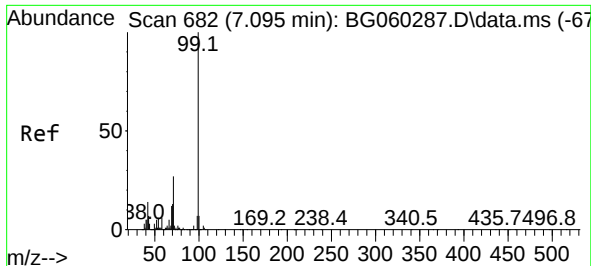
Tgt Ion:152 Resp: 301945  
Ion Ratio Lower Upper  
152 100  
150 155.2 114.5 171.7  
115 53.0 43.0 64.6



#5  
2-Fluorophenol  
Concen: 149.598 ng  
RT: 5.508 min Scan# 412  
Delta R.T. 0.005 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

Tgt Ion:112 Resp: 2746272  
Ion Ratio Lower Upper  
112 100  
64 66.1 49.8 74.6  
63 33.9 24.4 36.6



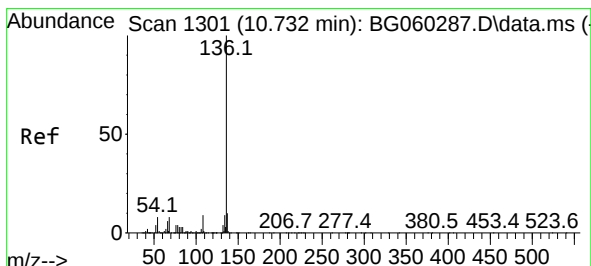
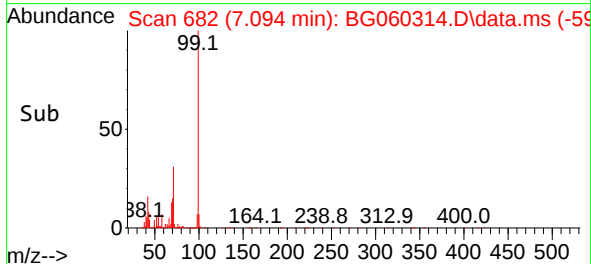
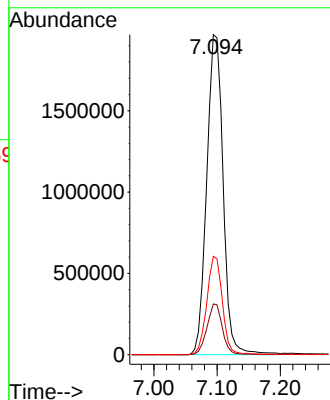
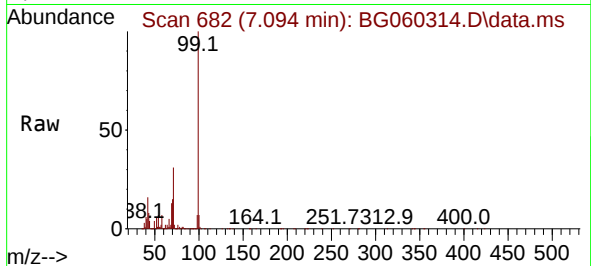


#7  
Phenol-d6  
Concen: 130.510 ng  
RT: 7.094 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB158404BL

Tgt Ion: 99 Resp: 3547709

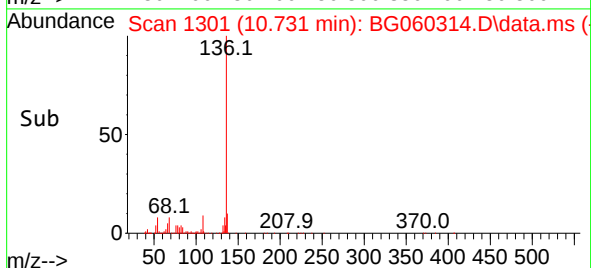
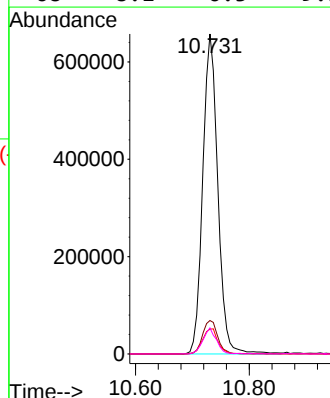
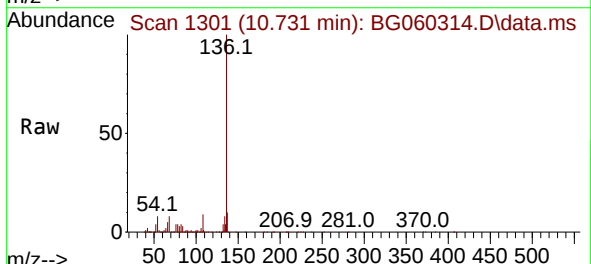
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 10.9  | 16.3  |
| 71  | 30.8  | 21.5  | 32.3  |

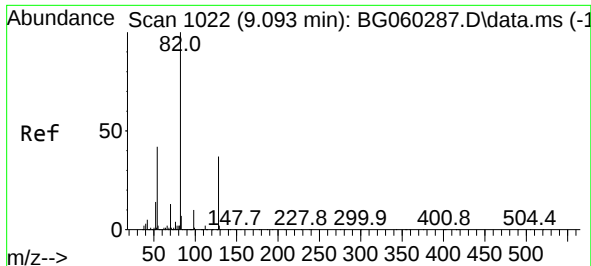


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.731 min Scan# 1301  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

Tgt Ion:136 Resp: 1205445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.2   | 12.4  |
| 54  | 7.8   | 6.2   | 9.2   |
| 68  | 8.1   | 6.3   | 9.5   |





#23

Nitrobenzene-d5

Concen: 87.061 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.001 min

Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

Instrument :

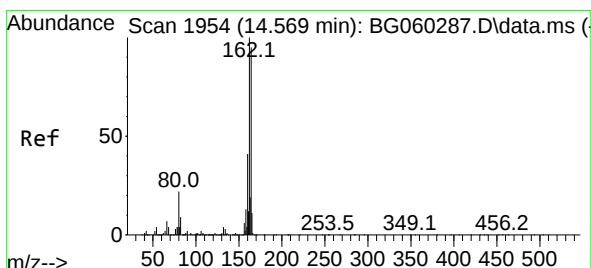
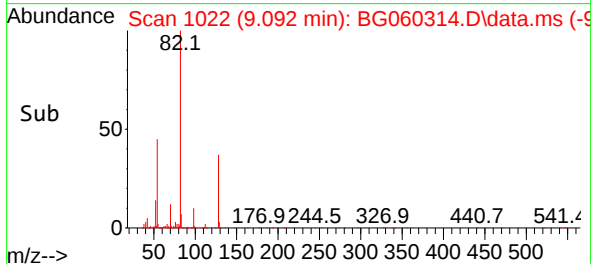
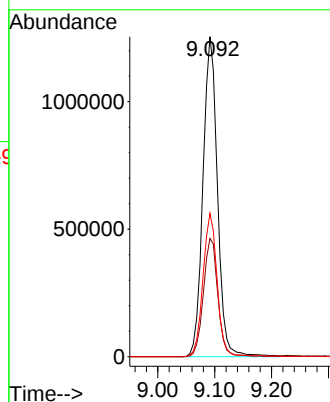
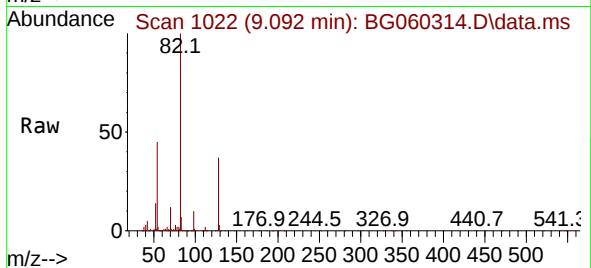
BNA\_G

ClientSampleId :

PB158404BL

Tgt Ion: 82 Resp: 2222515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.9  | 29.6  | 44.4  |
| 54  | 44.7  | 33.6  | 50.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1954

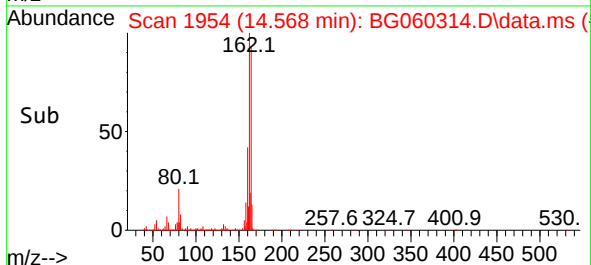
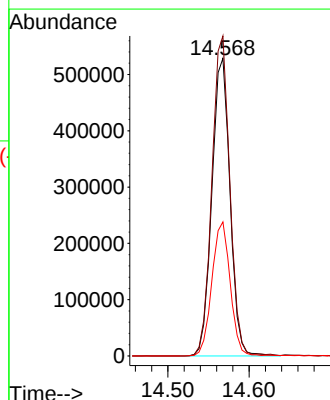
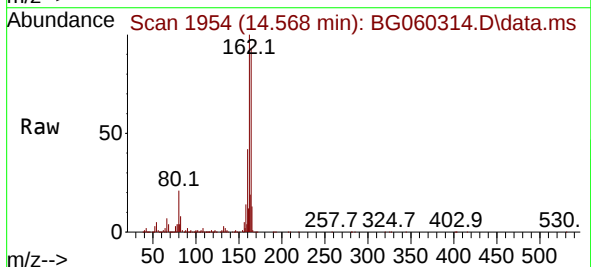
Delta R.T. -0.001 min

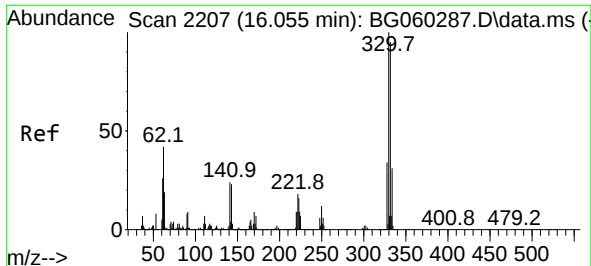
Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

Tgt Ion: 164 Resp: 817546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 107.5 | 84.4  | 126.6 |
| 160 | 45.1  | 34.6  | 52.0  |

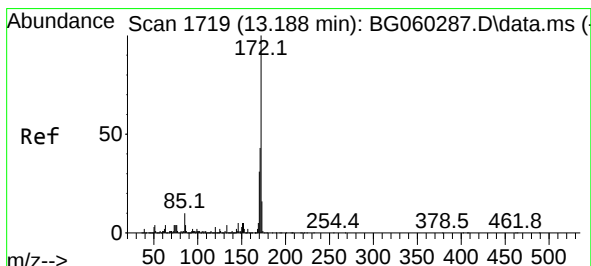
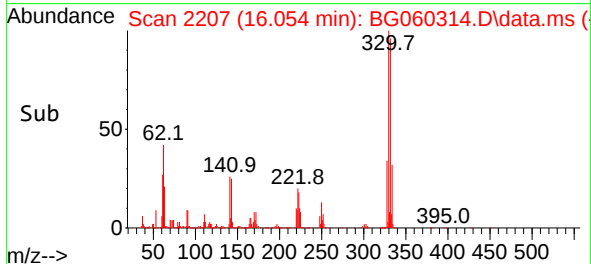
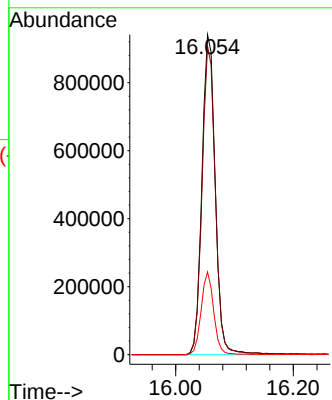
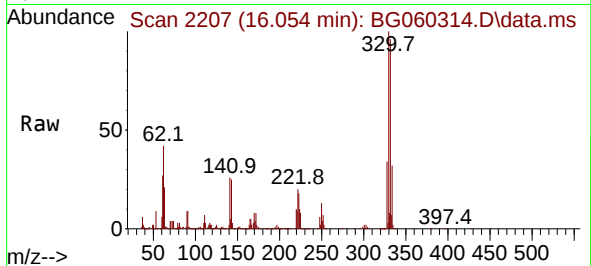




#42  
2,4,6-Tribromophenol  
Concen: 122.759 ng  
RT: 16.054 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

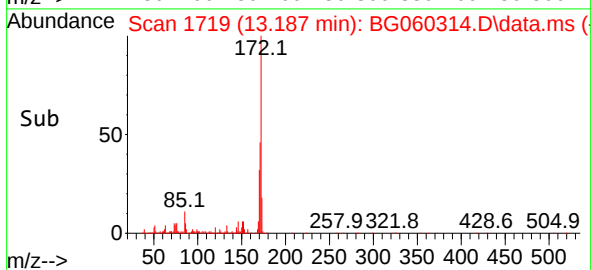
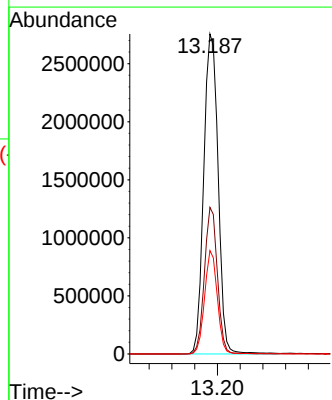
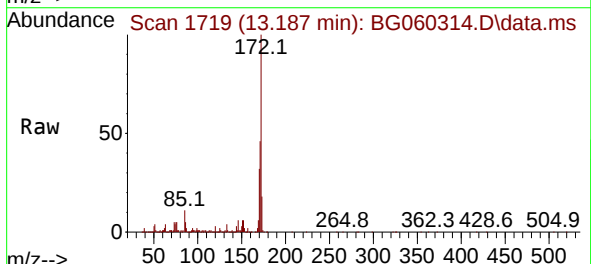
Instrument :  
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PB158404BL

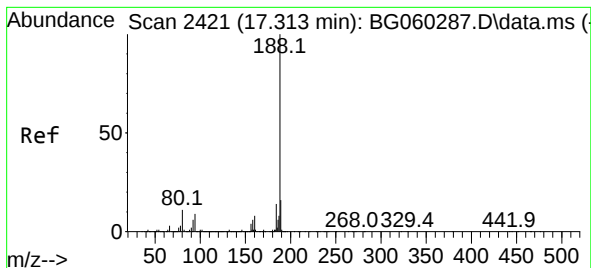
Tgt Ion:330 Resp: 1476606  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.7 115.1  
141 24.4 18.6 28.0



#45  
2-Fluorobiphenyl  
Concen: 82.167 ng  
RT: 13.187 min Scan# 1719  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

Tgt Ion:172 Resp: 4831659  
Ion Ratio Lower Upper  
172 100  
171 45.8 34.6 51.8  
170 32.3 24.4 36.6

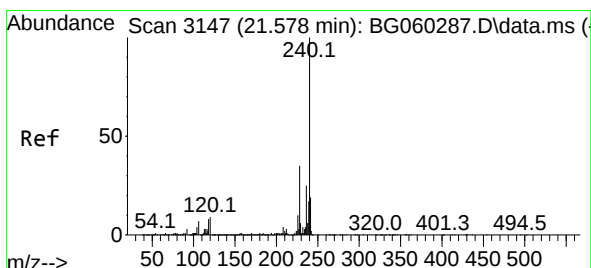
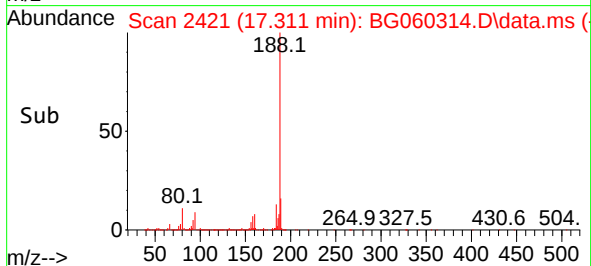
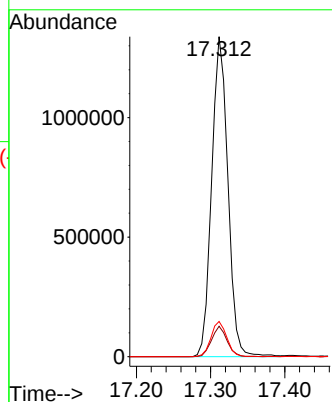
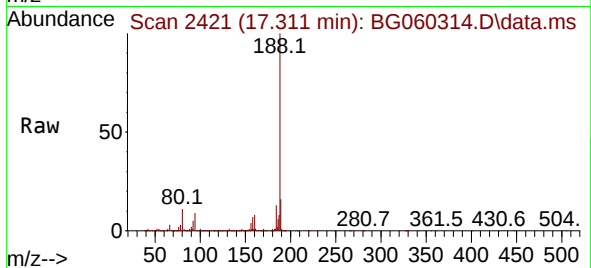




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.311 min Scan# 2421  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

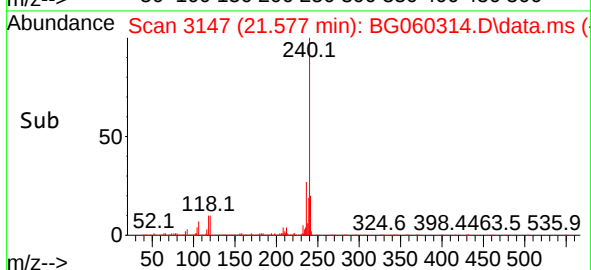
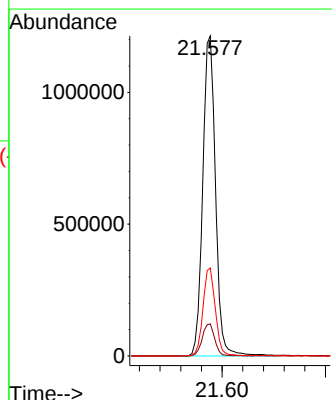
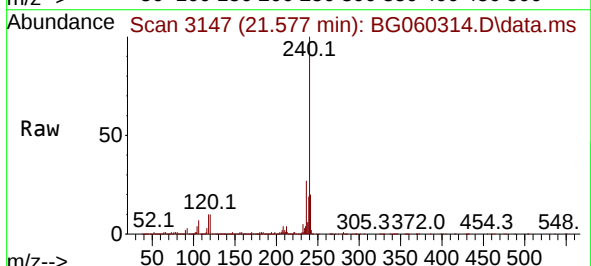
Instrument :  
BNA\_G  
ClientSampleId :  
PB158404BL

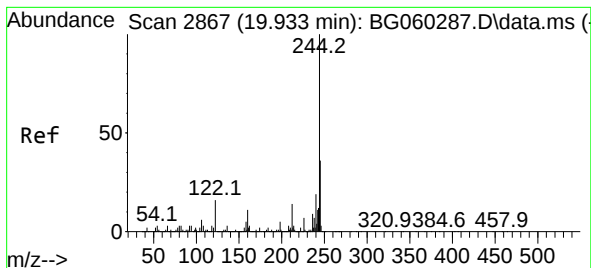
Tgt Ion:188 Resp: 2034077  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.1 10.7  
80 11.0 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.577 min Scan# 3147  
Delta R.T. -0.001 min  
Lab File: BG060314.D  
Acq: 12 Jan 2024 13:41

Tgt Ion:240 Resp: 2078419  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.3 10.9  
236 27.5 20.3 30.5





#79

Terphenyl-d14

Concen: 76.412 ng

RT: 19.932 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

Instrument :

BNA\_G

ClientSampleId :

PB158404BL

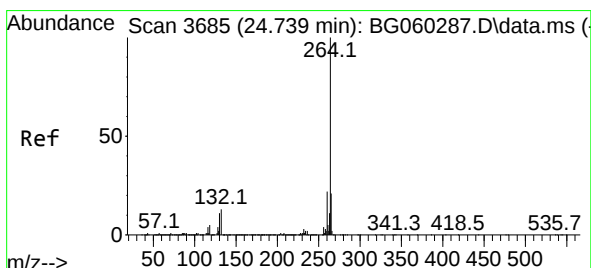
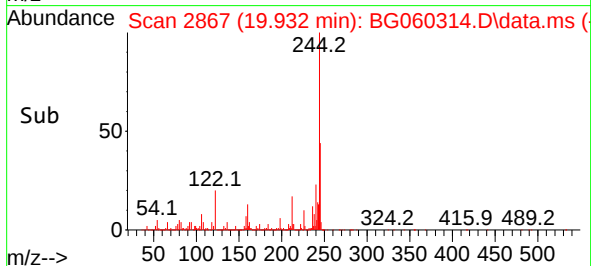
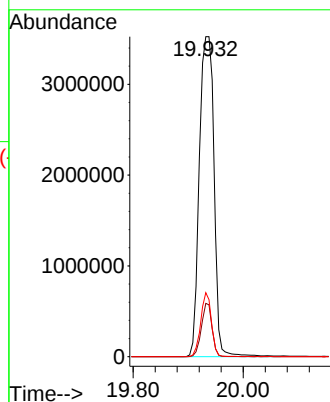
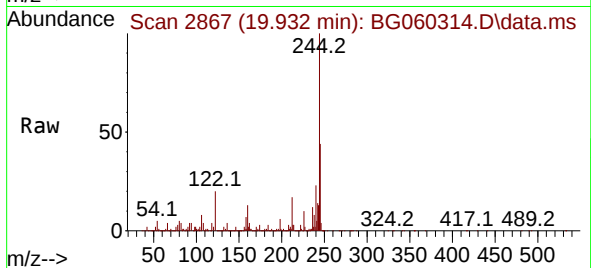
Tgt Ion:244 Resp: 6540176

Ion Ratio Lower Upper

244 100

212 16.6 10.9 16.3#

122 20.0 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

Tgt Ion:264 Resp: 2339065

Ion Ratio Lower Upper

264 100

260 22.5 17.8 26.6

265 21.4 16.8 25.2

