

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122223\  
 Data File : BG060156.D  
 Acq On : 23 Dec 2023 3:39  
 Operator : MA/JU  
 Sample : 05929-21  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-1

Quant Time: Dec 25 00:43:00 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   | 7.937  | 152  | 301109   | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.746 | 136  | 1319243  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.577 | 164  | 931843   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.320 | 188  | 1785169  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.586 | 240  | 1308685  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.759 | 264  | 1504528  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.517  | 112  | 2086509  | 109.187 | ng    | 0.00     |
| 7) Phenol-d6                | 7.109  | 99   | 3376001  | 104.974 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.101  | 82   | 2326502  | 86.390  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.063 | 330  | 839190   | 66.886  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.202 | 172  | 5008430  | 80.704  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.941 | 244  | 4917791  | 67.999  | ng    | 0.00     |

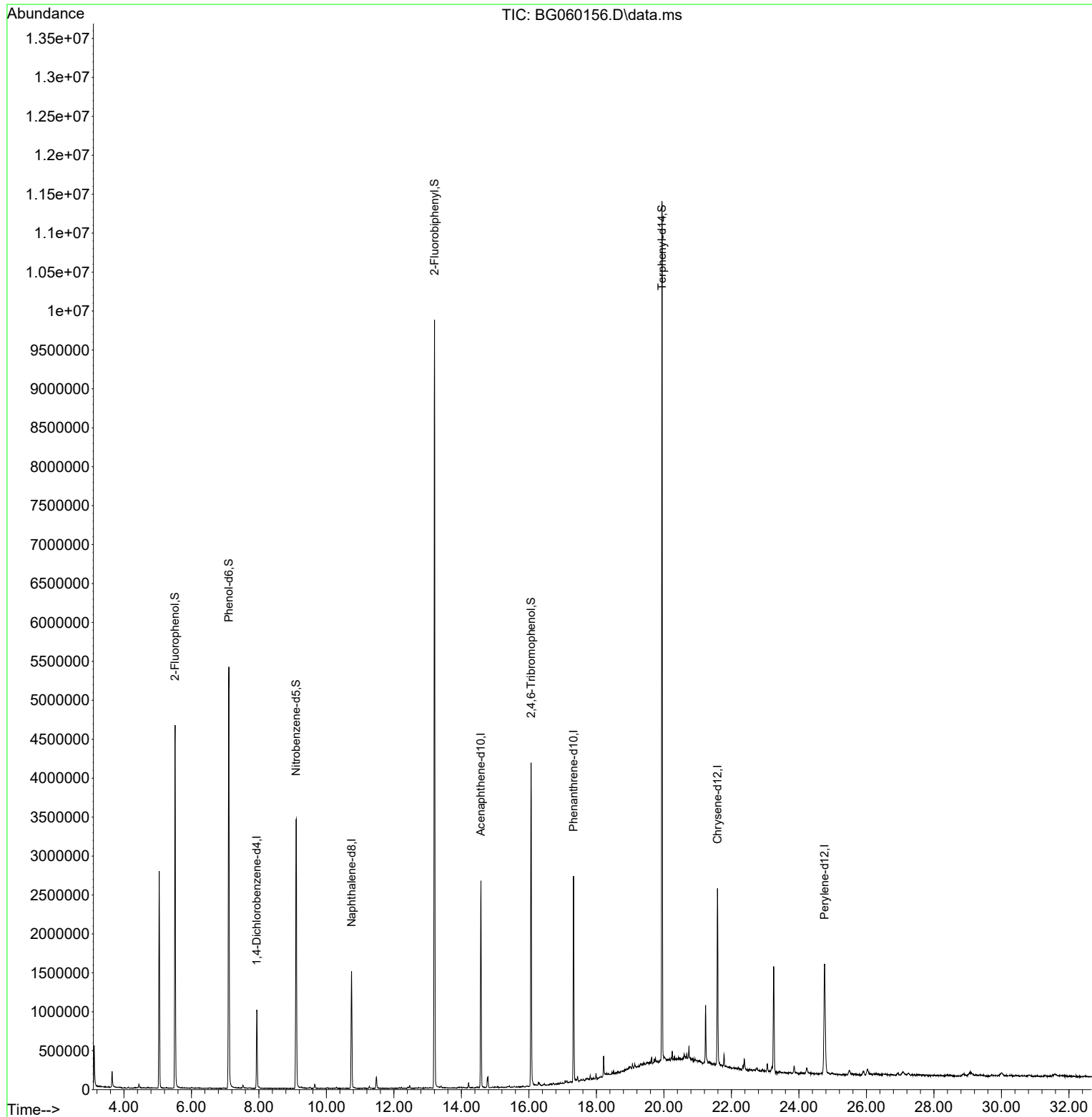
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

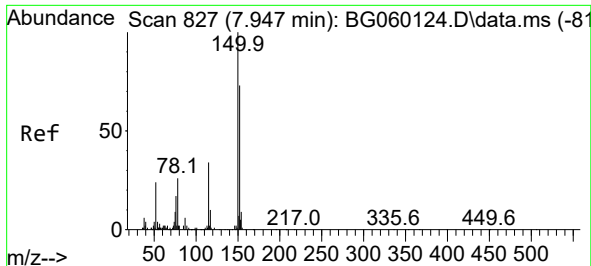
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TR-1

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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

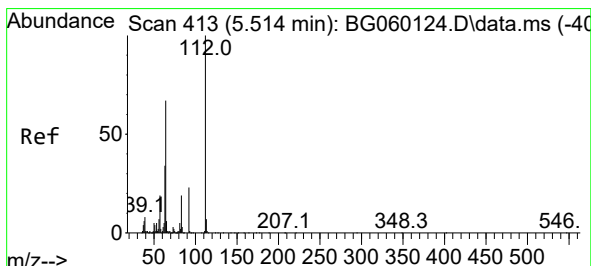
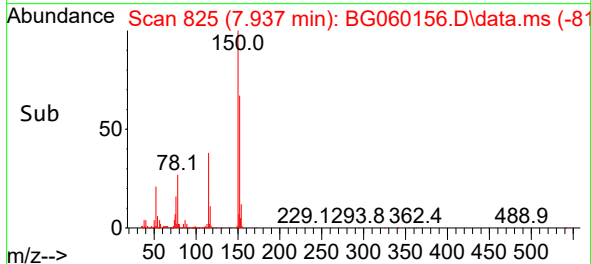
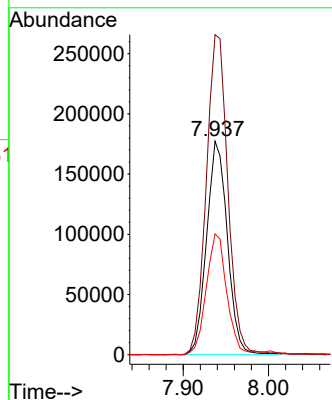
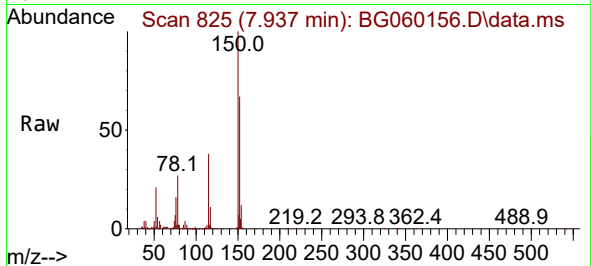




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.937 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

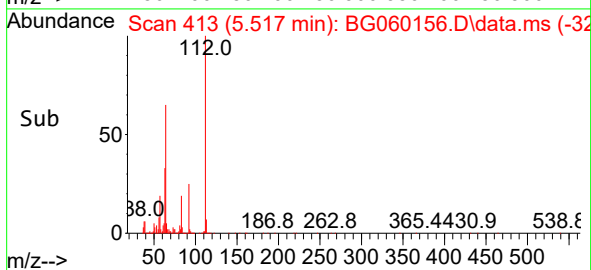
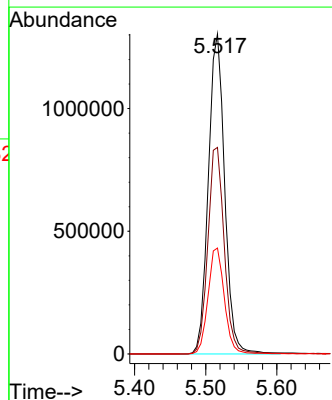
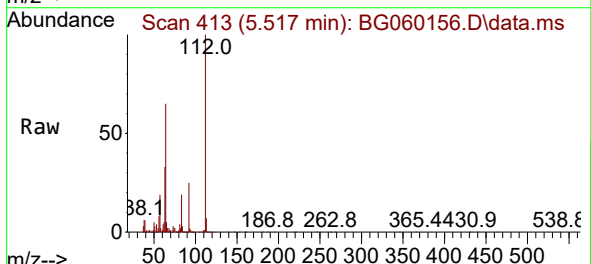
Instrument :  
BNA\_G  
ClientSampleId :  
TR-1

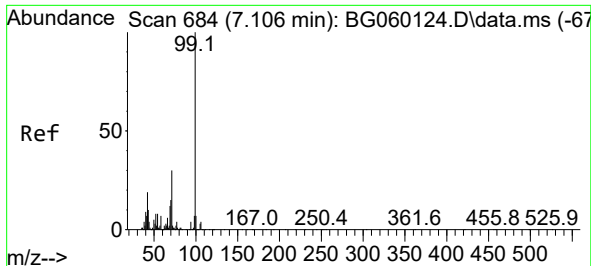
Tgt Ion:152 Resp: 301109  
Ion Ratio Lower Upper  
152 100  
150 149.9 109.4 164.0  
115 56.6 36.5 54.7#



#5  
2-Fluorophenol  
Concen: 109.187 ng  
RT: 5.517 min Scan# 413  
Delta R.T. 0.002 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

Tgt Ion:112 Resp: 2086509  
Ion Ratio Lower Upper  
112 100  
64 64.5 53.3 79.9  
63 33.1 27.1 40.7



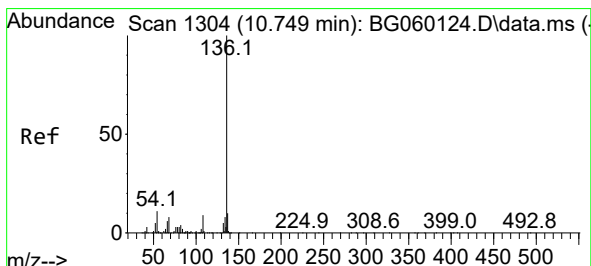
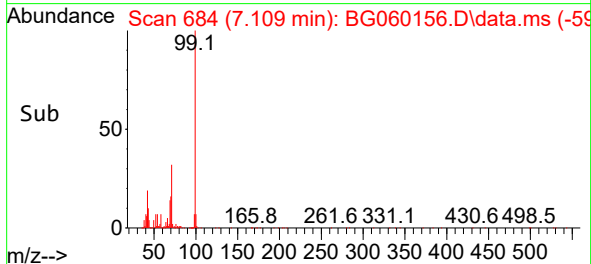
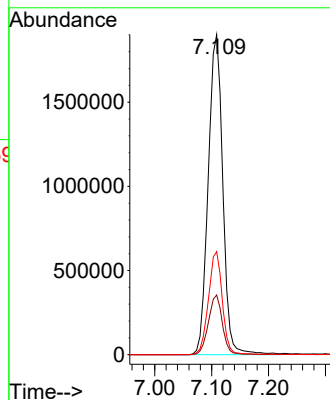
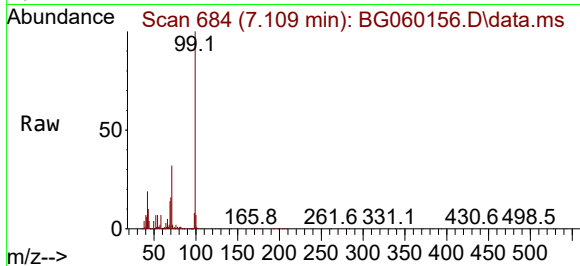


#7  
Phenol-d6  
Concen: 104.974 ng  
RT: 7.109 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

Instrument :  
BNA\_G  
ClientSampleId :  
TR-1

Tgt Ion: 99 Resp: 3376001

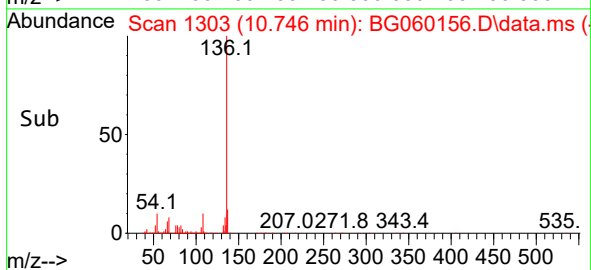
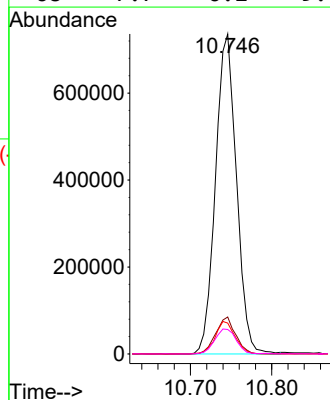
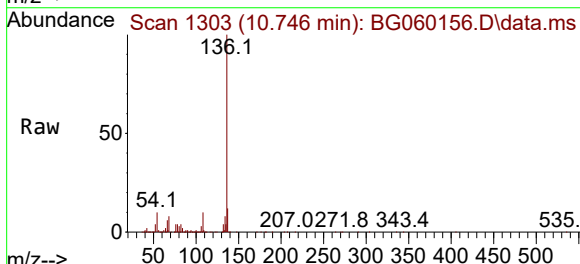
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 15.2  | 22.8  |
| 71  | 32.2  | 24.2  | 36.2  |

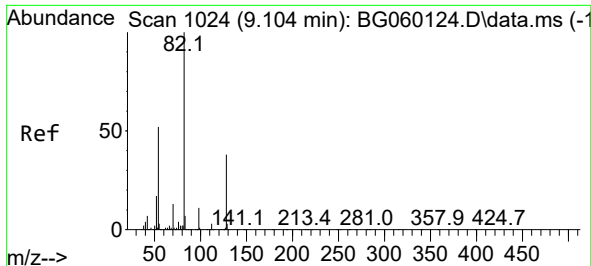


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.746 min Scan# 1303  
Delta R.T. -0.003 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

Tgt Ion: 136 Resp: 1319243

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 8.1   | 12.1  |
| 54  | 9.7   | 8.7   | 13.1  |
| 68  | 7.7   | 6.2   | 9.4   |

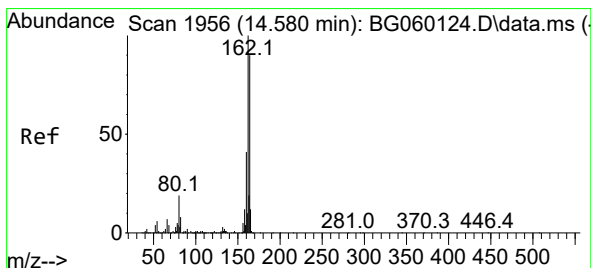
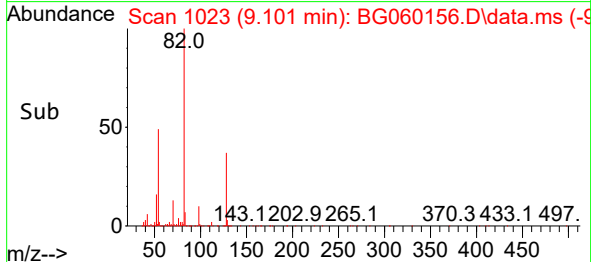
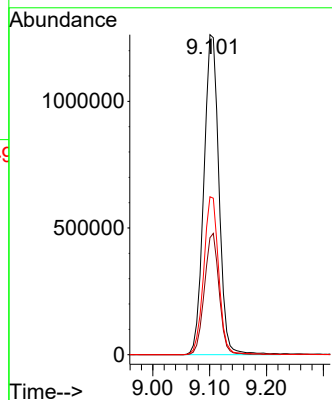
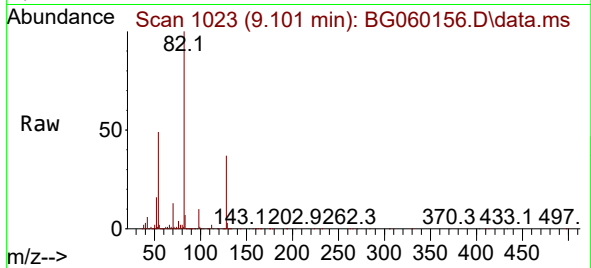




#23  
Nitrobenzene-d5  
Concen: 86.390 ng  
RT: 9.101 min Scan# 10  
Delta R.T. -0.003 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

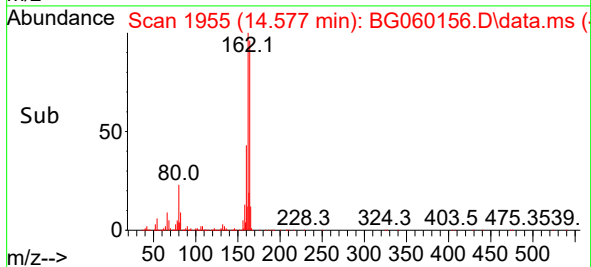
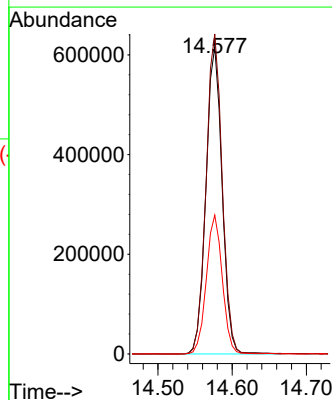
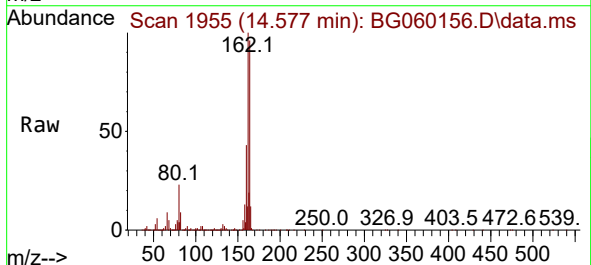
Instrument :  
BNA\_G  
ClientSampleId :  
TR-1

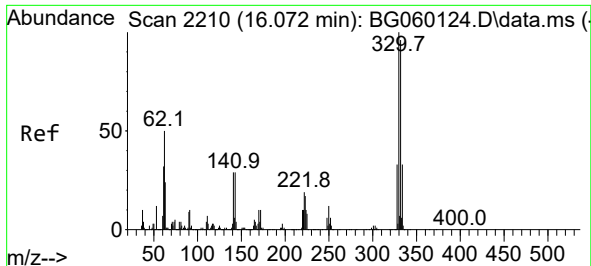
Tgt Ion: 82 Resp: 2326502  
Ion Ratio Lower Upper  
82 100  
128 36.5 30.5 45.7  
54 49.4 41.9 62.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.577 min Scan# 1955  
Delta R.T. -0.003 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

Tgt Ion:164 Resp: 931843  
Ion Ratio Lower Upper  
164 100  
162 104.2 88.5 132.7  
160 45.2 36.2 54.2

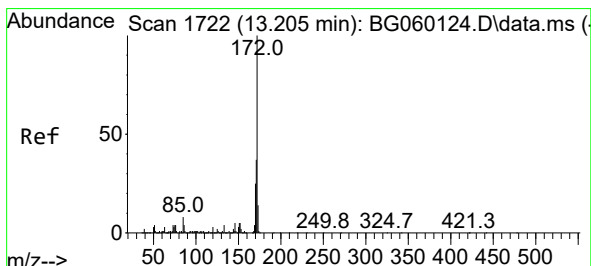
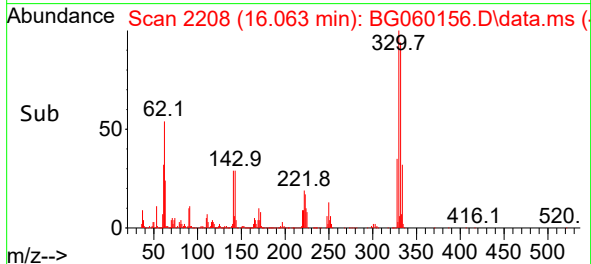
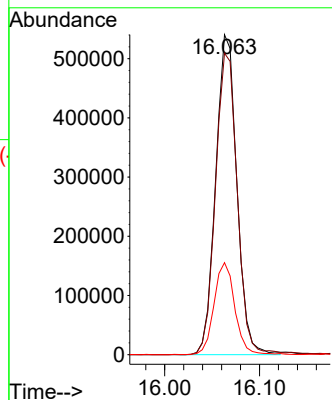
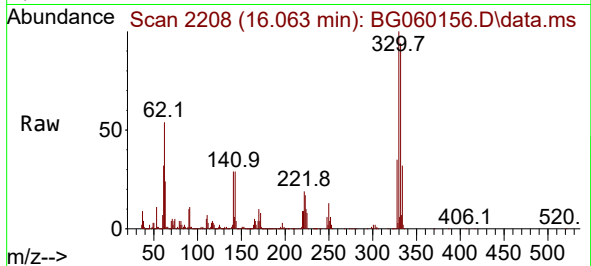




#42  
2,4,6-Tribromophenol  
Concen: 66.886 ng  
RT: 16.063 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

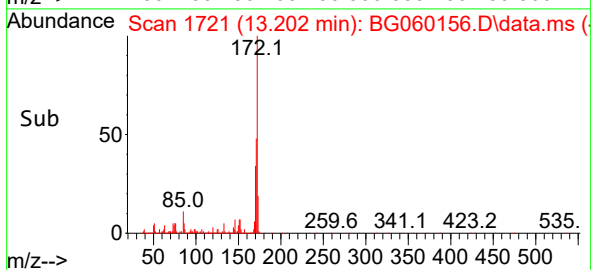
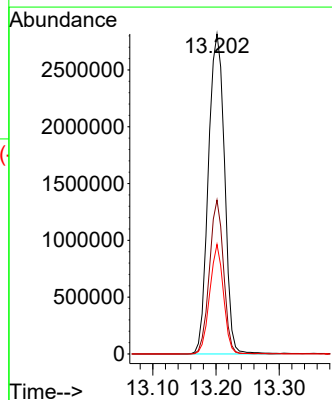
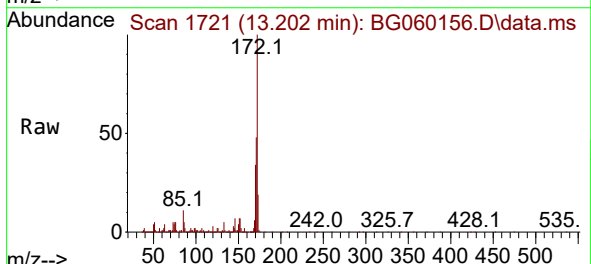
Instrument :  
BNA\_G  
ClientSampleId :  
TR-1

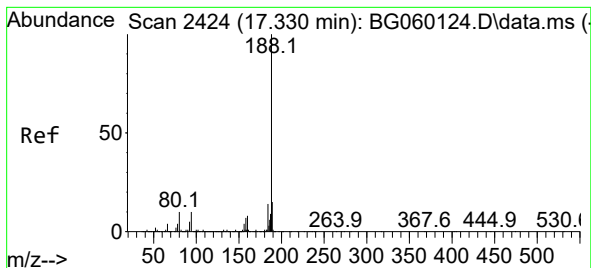
Tgt Ion:330 Resp: 839190  
Ion Ratio Lower Upper  
330 100  
332 96.7 75.5 113.3  
141 28.3 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 80.704 ng  
RT: 13.202 min Scan# 1721  
Delta R.T. -0.003 min  
Lab File: BG060156.D  
Acq: 23 Dec 2023 3:39

Tgt Ion:172 Resp: 5008430  
Ion Ratio Lower Upper  
172 100  
171 48.1 29.2 43.8#  
170 34.3 20.1 30.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.320 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

Instrument :

BNA\_G

ClientSampleId :

TR-1

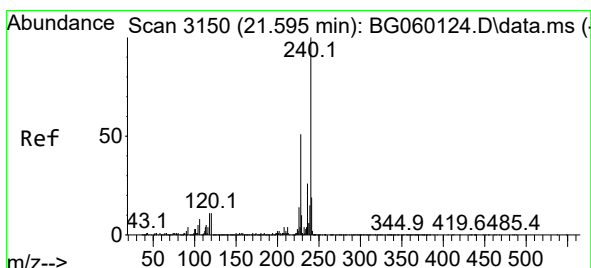
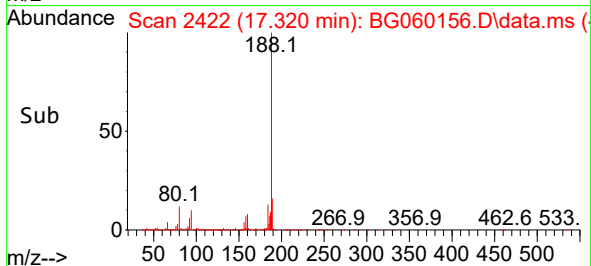
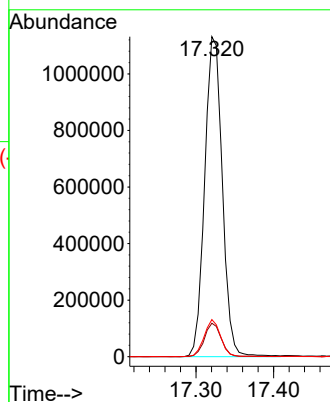
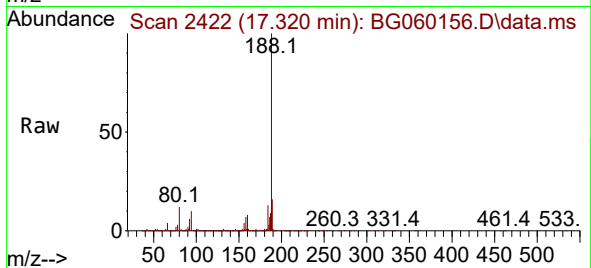
Tgt Ion:188 Resp: 1785169

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3148

Delta R.T. -0.009 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

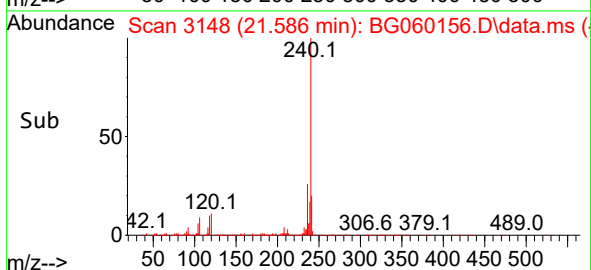
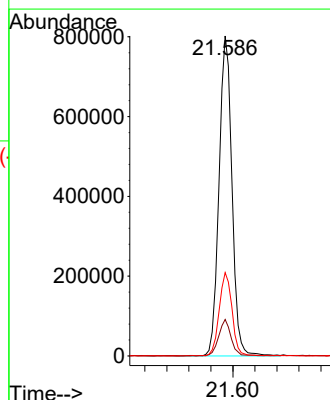
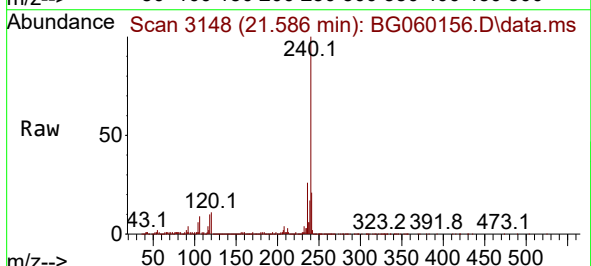
Tgt Ion:240 Resp: 1308685

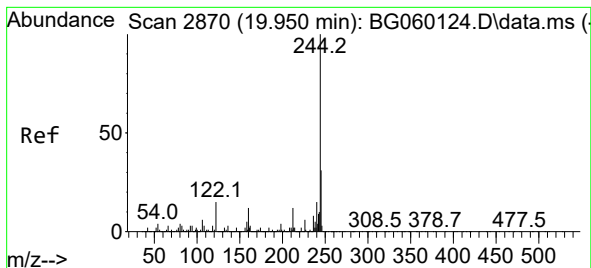
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

236 26.1 20.4 30.6





#79

Terphenyl-d14

Concen: 67.999 ng

RT: 19.941 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

Instrument :

BNA\_G

ClientSampleId :

TR-1

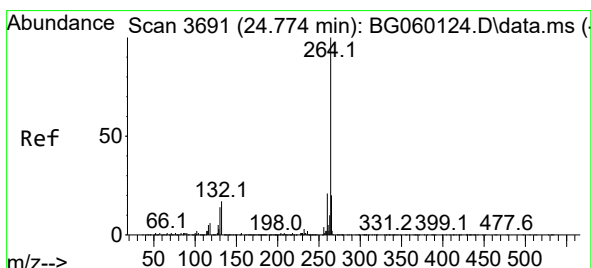
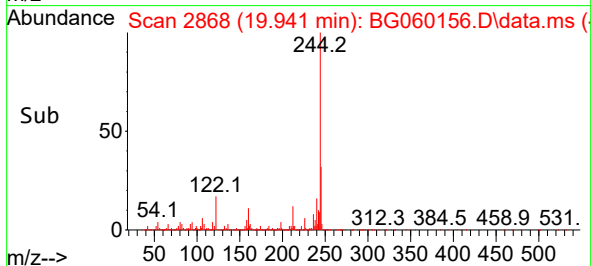
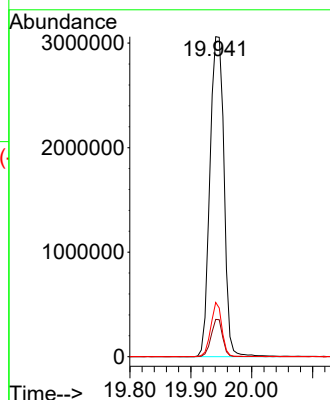
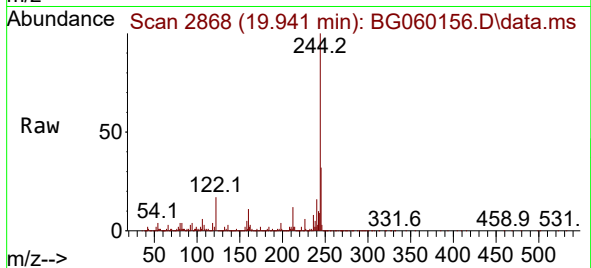
Tgt Ion:244 Resp: 4917791

Ion Ratio Lower Upper

244 100

212 11.7 9.5 14.3

122 16.9 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3688

Delta R.T. -0.015 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

Tgt Ion:264 Resp: 1504528

Ion Ratio Lower Upper

264 100

260 22.7 17.1 25.7

265 22.0 16.0 24.0

