

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082423\  
 Data File : BG058835.D  
 Acq On : 24 Aug 2023 12:33  
 Operator : MA/JU  
 Sample : 04090-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-I

Quant Time: Aug 24 13:06:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 01:40:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.807  | 152  | 16846    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.609 | 136  | 65913    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.452 | 164  | 48739    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 127101   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.443 | 240  | 117553   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.516 | 264  | 144057   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.380  | 112  | 148239   | 141.609 | ng    | 0.00     |
| 7) Phenol-d6                | 6.978  | 99   | 179889   | 122.482 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.970  | 82   | 129987   | 94.814  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.950 | 330  | 118473   | 155.025 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.077 | 172  | 309752   | 92.436  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.822 | 244  | 629012   | 96.080  | ng    | 0.00     |

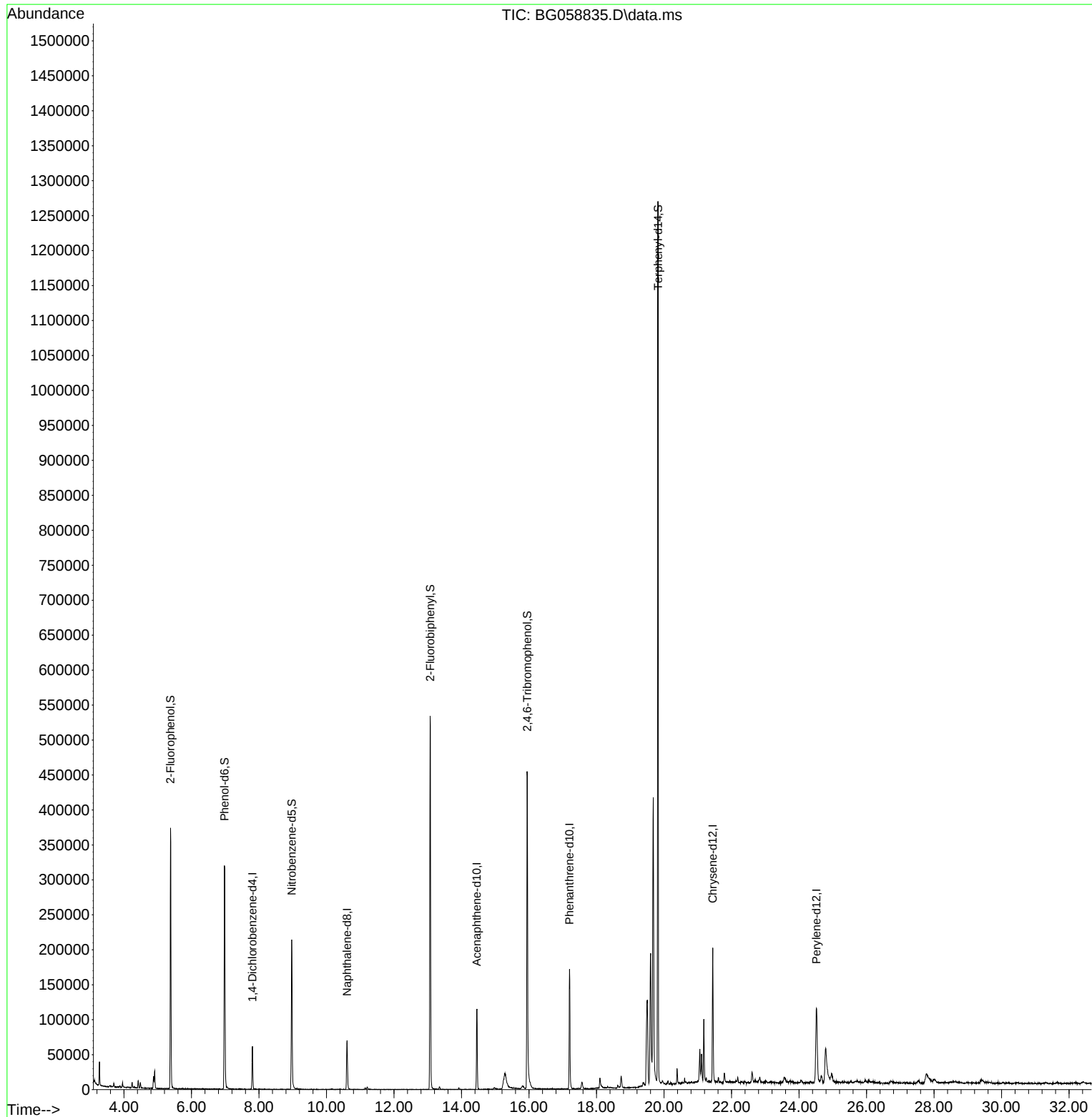
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

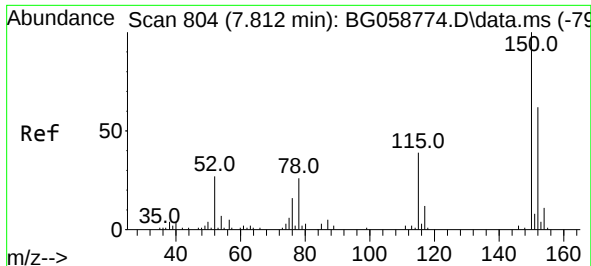
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082423\  
Data File : BG058835.D  
Acq On : 24 Aug 2023 12:33  
Operator : MA/JU  
Sample : 04090-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-I

Quant Time: Aug 24 13:06:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 21 01:40:57 2023  
Response via : Initial Calibration

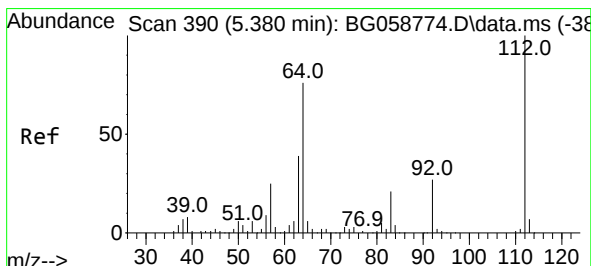
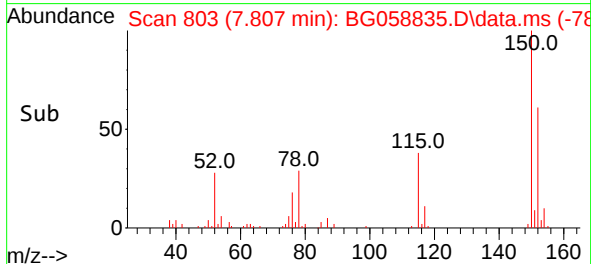
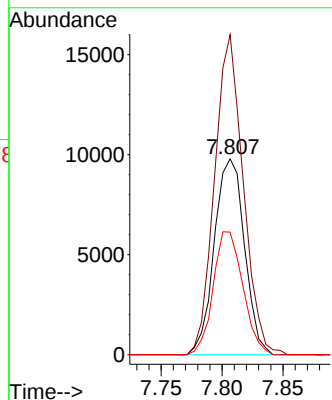
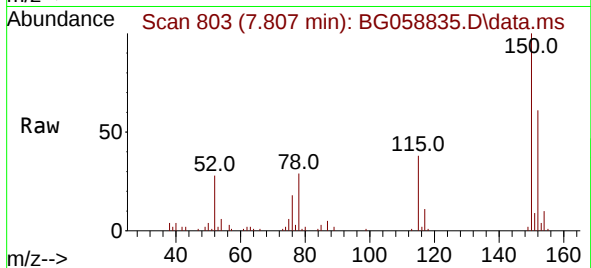




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.807 min Scan# 804  
Delta R.T. -0.005 min  
Lab File: BG058835.D  
Acq: 24 Aug 2023 12:33

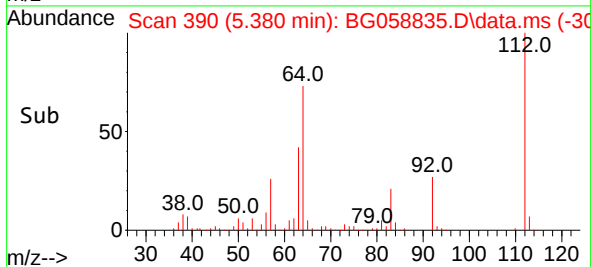
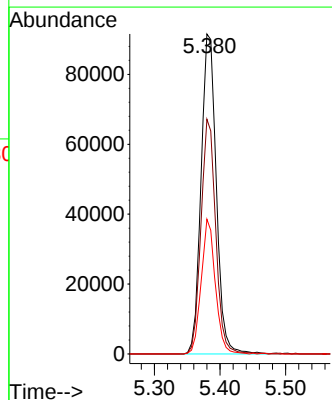
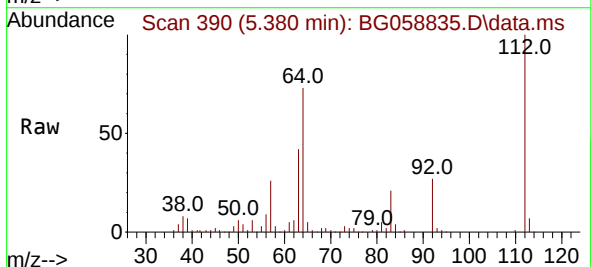
Instrument :  
BNA\_G  
ClientSampleId :  
TP-I

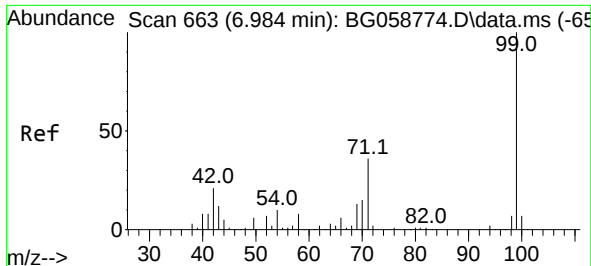
Tgt Ion:152 Resp: 16846  
Ion Ratio Lower Upper  
152 100  
150 163.4 128.6 192.8  
115 62.6 50.4 75.6



#5  
2-Fluorophenol  
Concen: 141.609 ng  
RT: 5.380 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: BG058835.D  
Acq: 24 Aug 2023 12:33

Tgt Ion:112 Resp: 148239  
Ion Ratio Lower Upper  
112 100  
64 73.4 60.6 90.8  
63 42.1 31.0 46.4

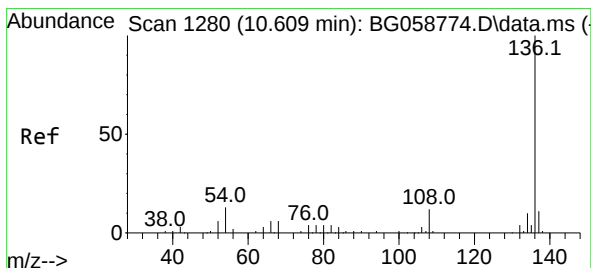
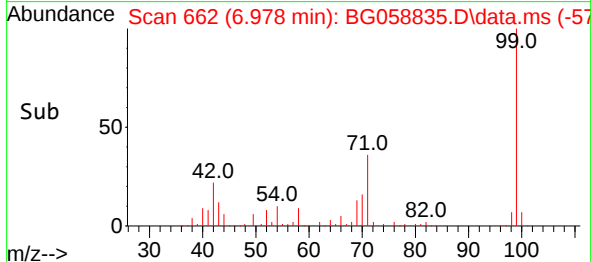
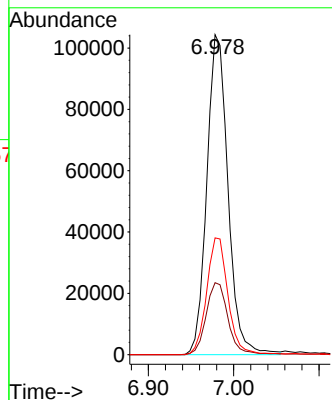
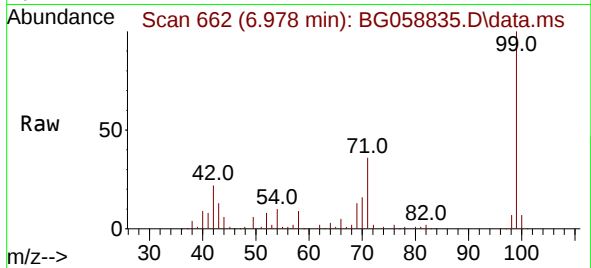




#7  
Phenol-d6  
Concen: 122.482 ng  
RT: 6.978 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BG058835.D  
Acq: 24 Aug 2023 12:33

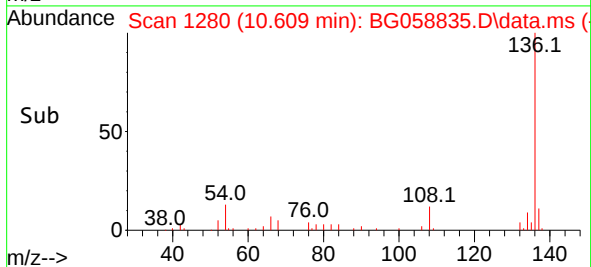
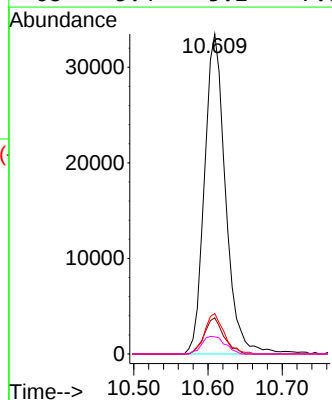
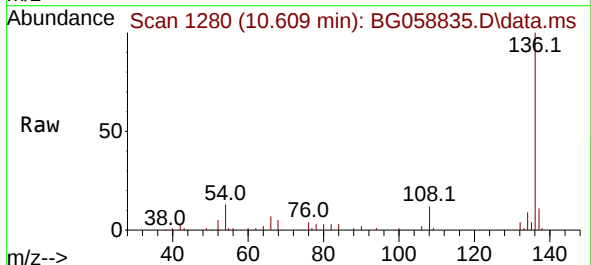
Instrument :  
BNA\_G  
ClientSampleId :  
TP-I

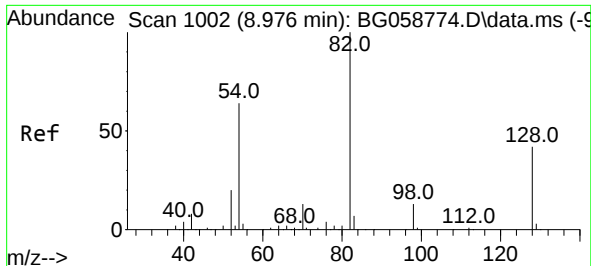
Tgt Ion: 99 Resp: 179889  
Ion Ratio Lower Upper  
99 100  
42 22.5 16.5 24.7  
71 36.5 28.4 42.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.609 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BG058835.D  
Acq: 24 Aug 2023 12:33

Tgt Ion:136 Resp: 65913  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 12.7 10.1 15.1  
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 94.814 ng

RT: 8.970 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

Instrument :

BNA\_G

ClientSampleId :

TP-I

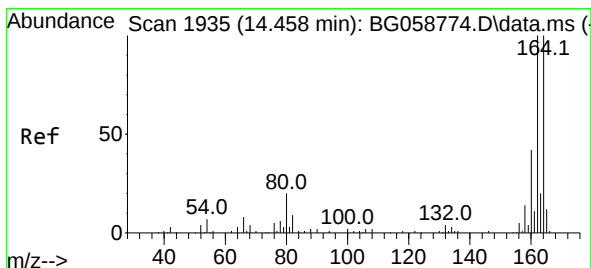
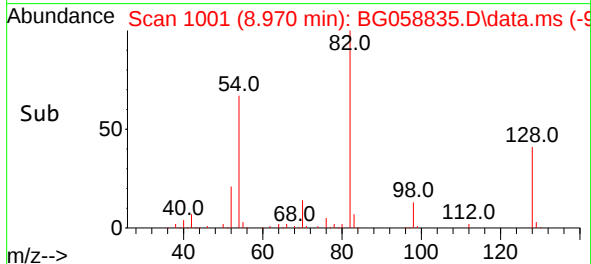
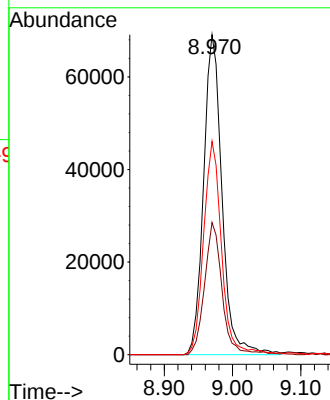
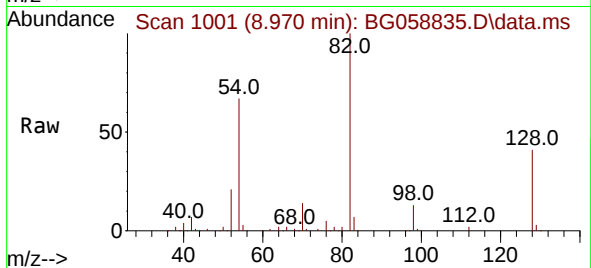
Tgt Ion: 82 Resp: 129987

Ion Ratio Lower Upper

82 100

128 41.3 33.2 49.8

54 66.6 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.452 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

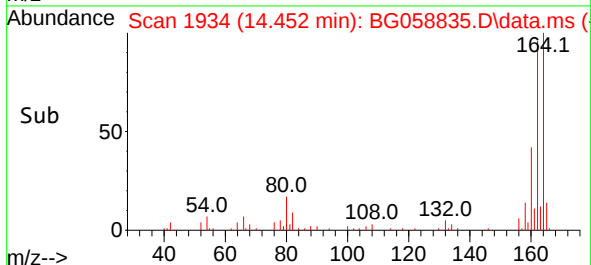
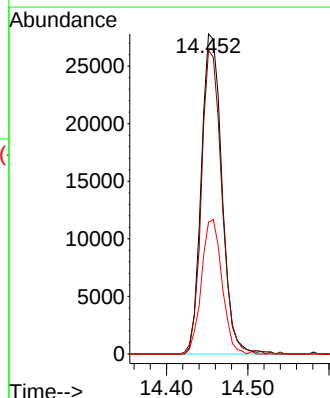
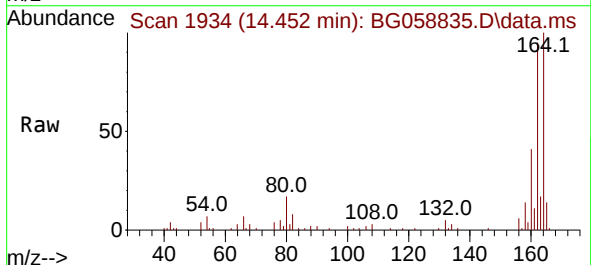
Tgt Ion:164 Resp: 48739

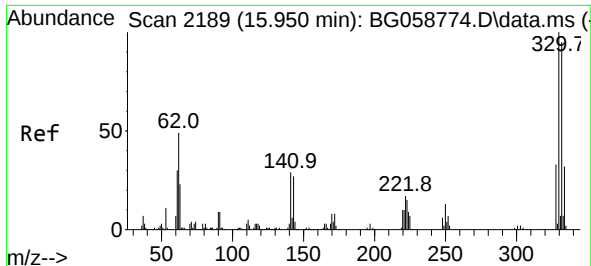
Ion Ratio Lower Upper

164 100

162 95.0 79.6 119.4

160 41.2 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 155.025 ng

RT: 15.950 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

Instrument :

BNA\_G

ClientSampleId :

TP-I

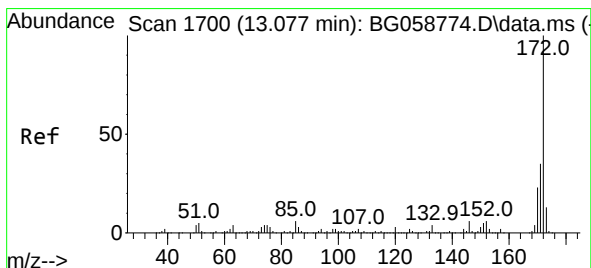
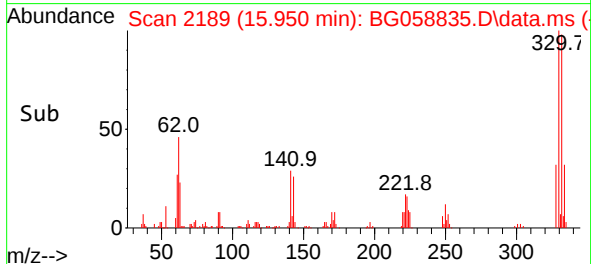
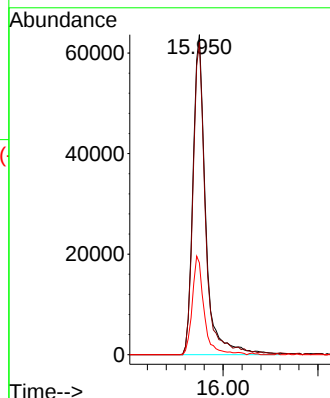
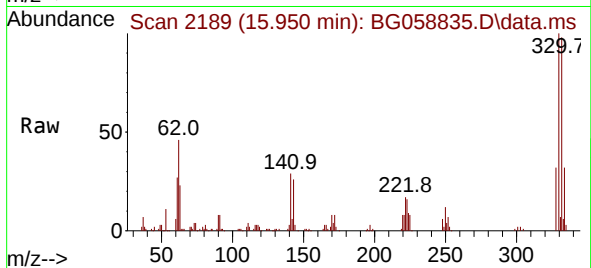
Tgt Ion:330 Resp: 118473

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 28.5 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 92.436 ng

RT: 13.077 min Scan# 1700

Delta R.T. -0.000 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

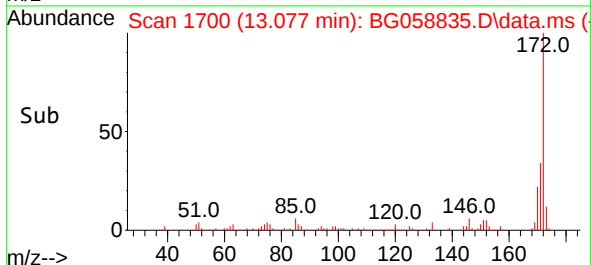
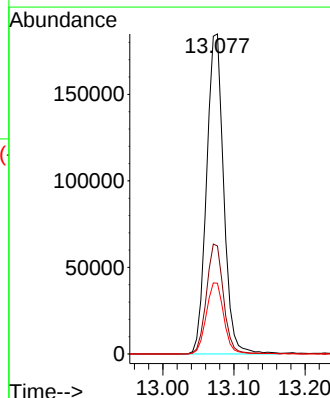
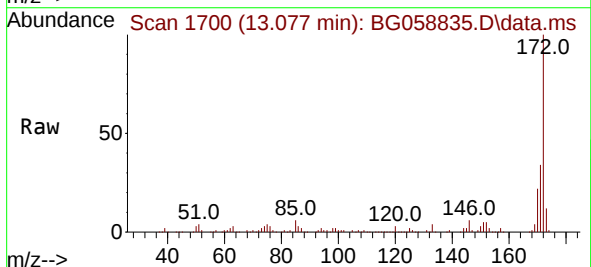
Tgt Ion:172 Resp: 309752

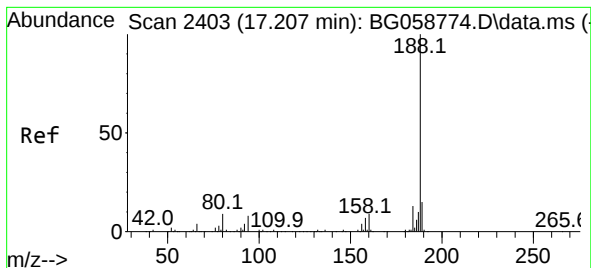
Ion Ratio Lower Upper

172 100

171 33.8 28.1 42.1

170 22.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

Instrument :

BNA\_G

ClientSampleId :

TP-I

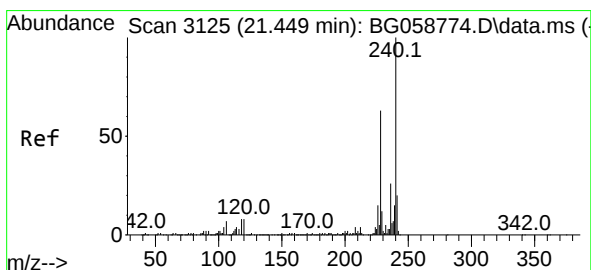
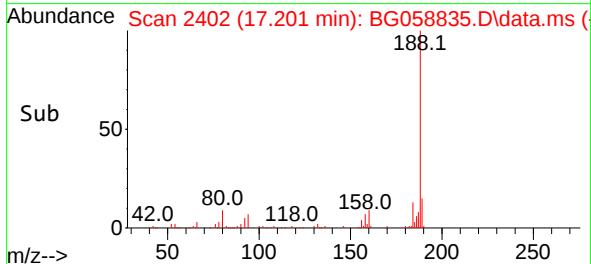
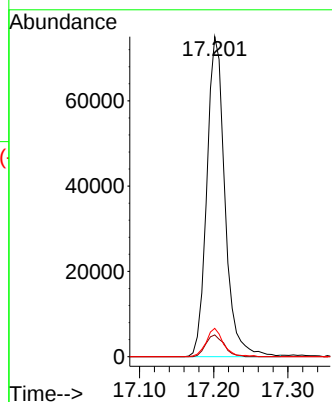
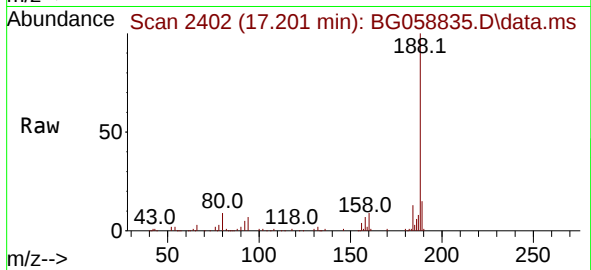
Tgt Ion:188 Resp: 127101

Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 8.8 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BG058835.D

Acq: 24 Aug 2023 12:33

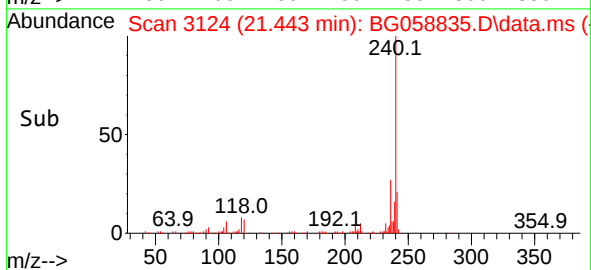
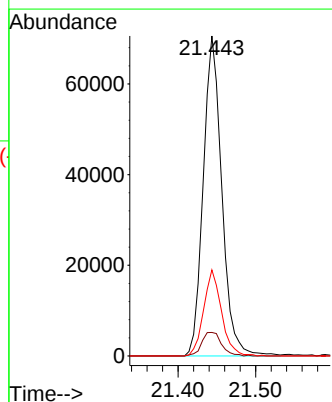
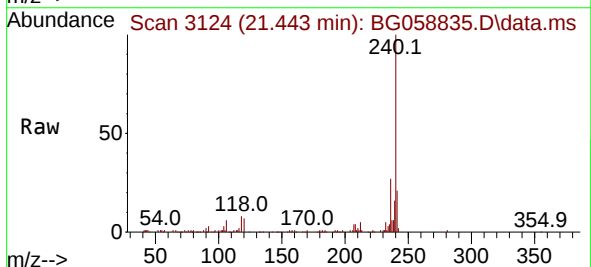
Tgt Ion:240 Resp: 117553

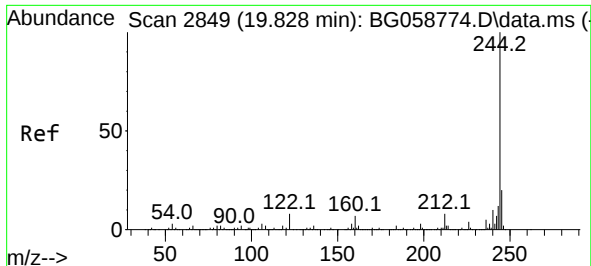
Ion Ratio Lower Upper

240 100

120 7.3 6.2 9.2

236 26.9 20.5 30.7

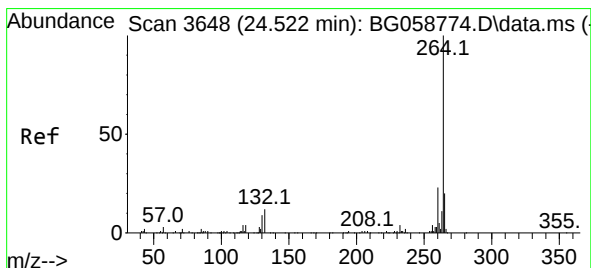
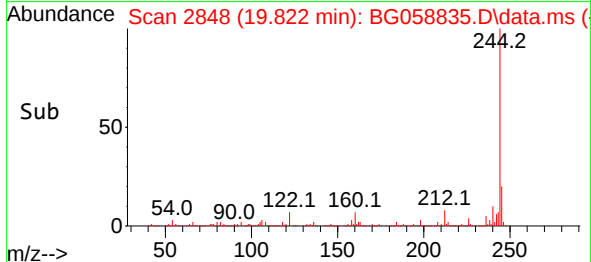
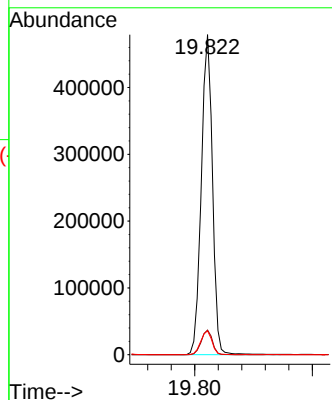
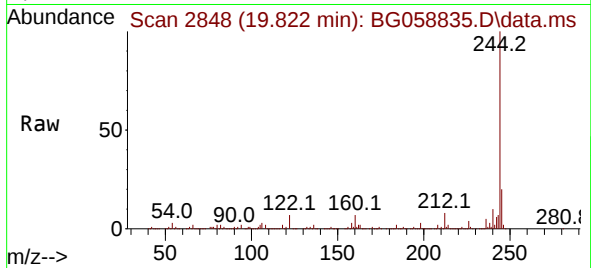




#79  
 Terphenyl-d14  
 Concen: 96.080 ng  
 RT: 19.822 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG058835.D  
 Acq: 24 Aug 2023 12:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-I

Tgt Ion:244 Resp: 629012  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 7.5 6.3 9.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.516 min Scan# 3647  
 Delta R.T. -0.006 min  
 Lab File: BG058835.D  
 Acq: 24 Aug 2023 12:33

Tgt Ion:264 Resp: 144057  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.2 27.2  
 265 21.6 16.4 24.6

