

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080223\  
 Data File : BG058583.D  
 Acq On : 2 Aug 2023 18:10  
 Operator : MA/JU  
 Sample : 03813-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PLAUDERVILLE-3

Quant Time: Aug 03 02:44:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.811  | 152  | 56572    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.614 | 136  | 242742   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.456 | 164  | 162809   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.206 | 188  | 361197   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.448 | 240  | 316603   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.515 | 264  | 396833   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.384  | 112  | 271825   | 73.441 | ng    | 0.00     |
| 7) Phenol-d6                | 6.983  | 99   | 377281   | 73.255 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.974  | 82   | 222319   | 44.992 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.949 | 330  | 166552   | 62.413 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.081 | 172  | 516515   | 47.543 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.820 | 244  | 818396   | 48.610 | ng    | 0.00     |

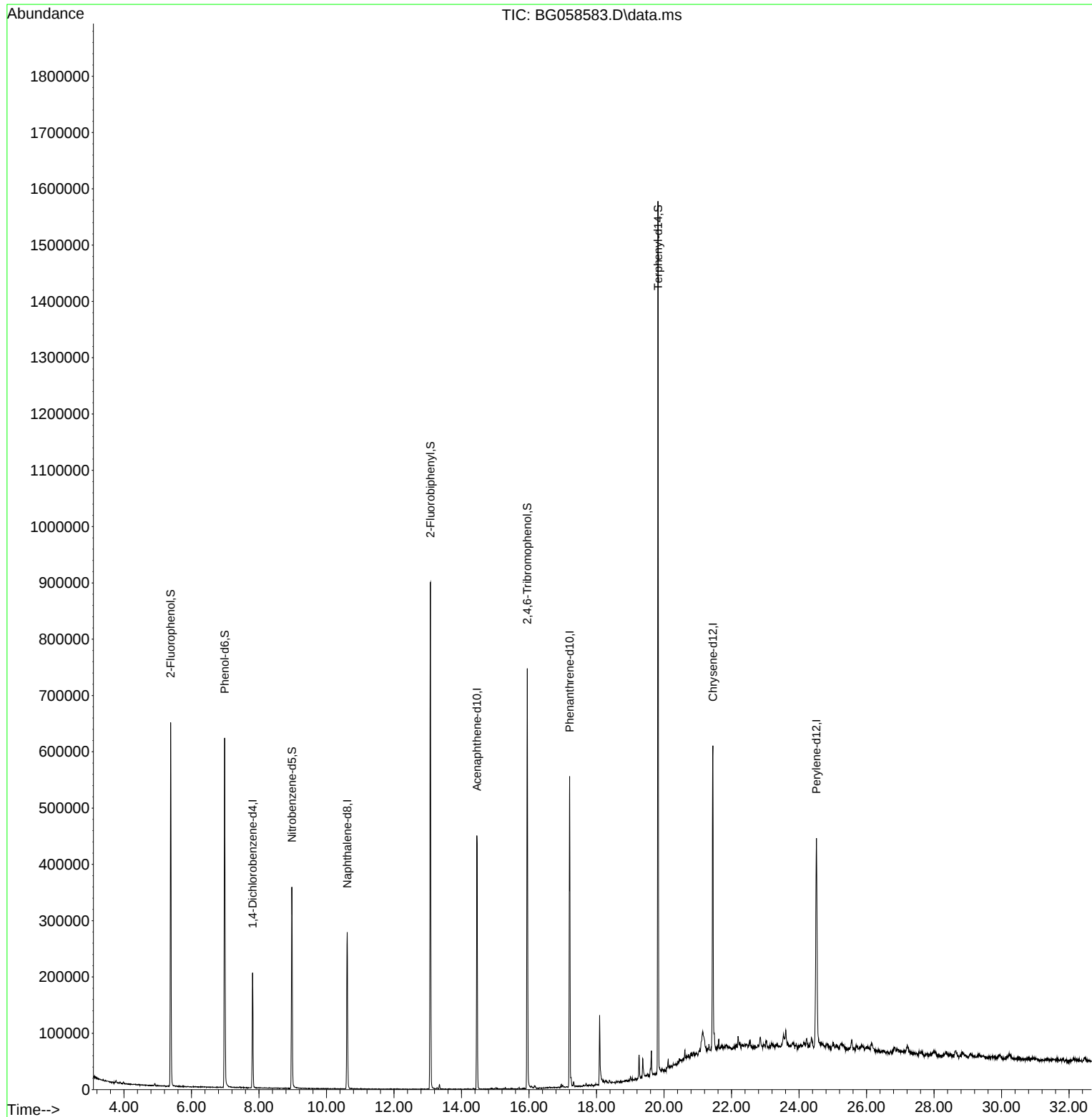
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

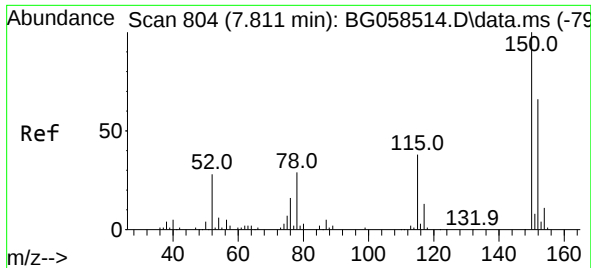
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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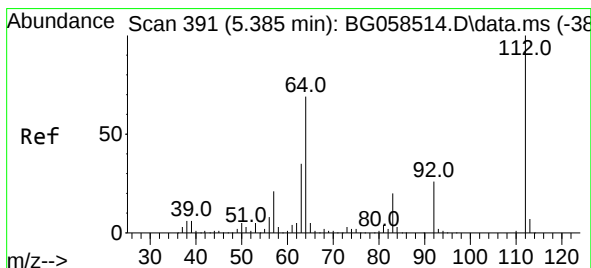
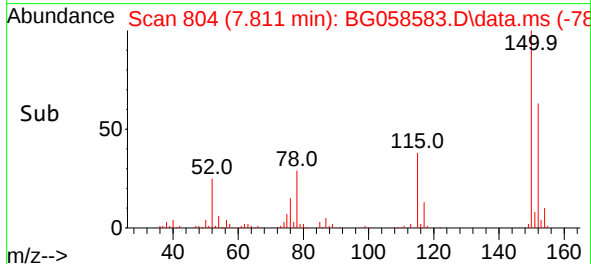
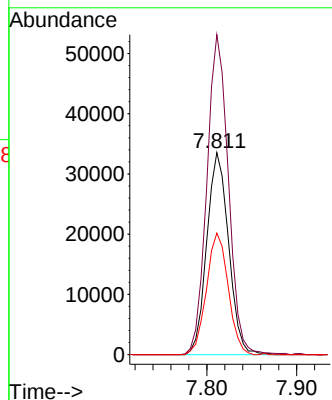
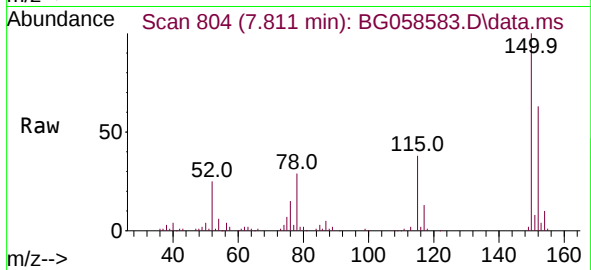




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.811 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

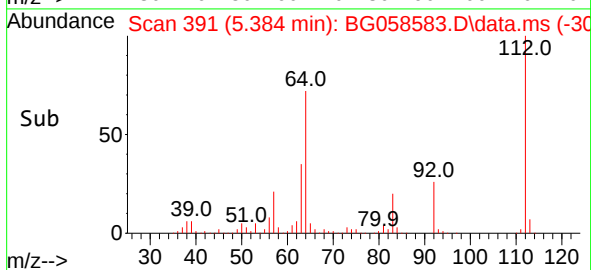
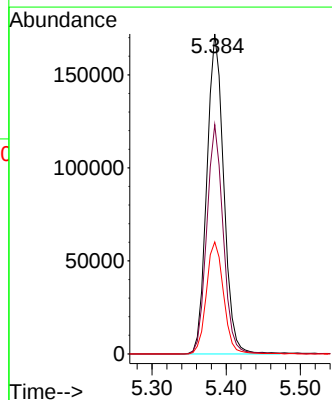
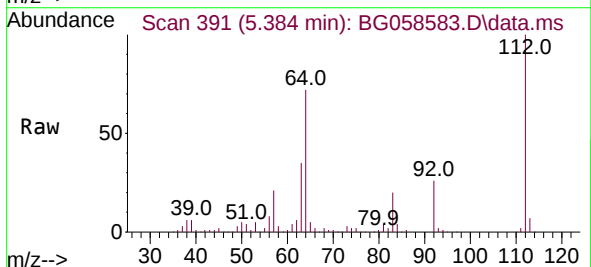
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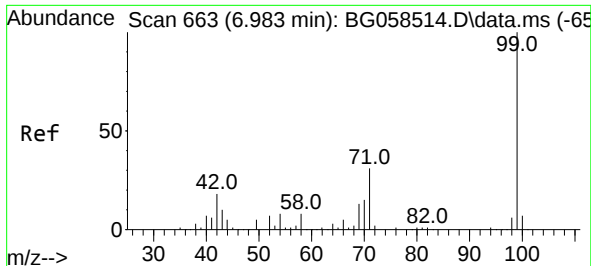
Tgt Ion:152 Resp: 56572  
Ion Ratio Lower Upper  
152 100  
150 158.5 120.5 180.7  
115 60.2 45.9 68.9



#5  
2-Fluorophenol  
Concen: 73.441 ng  
RT: 5.384 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

Tgt Ion:112 Resp: 271825  
Ion Ratio Lower Upper  
112 100  
64 71.6 55.3 82.9  
63 35.0 28.3 42.5

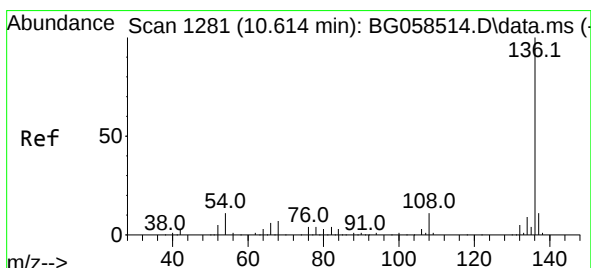
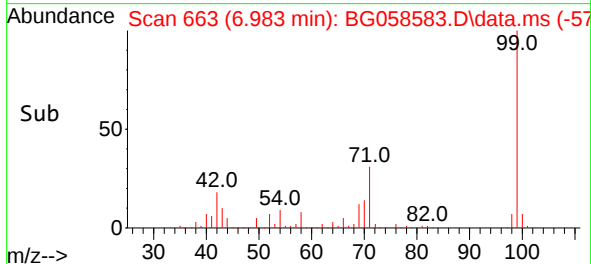
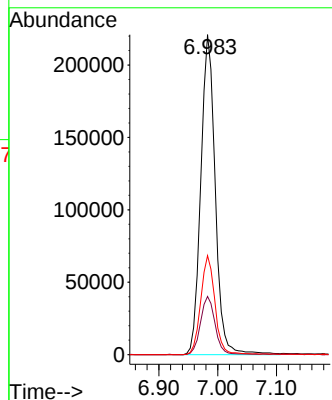
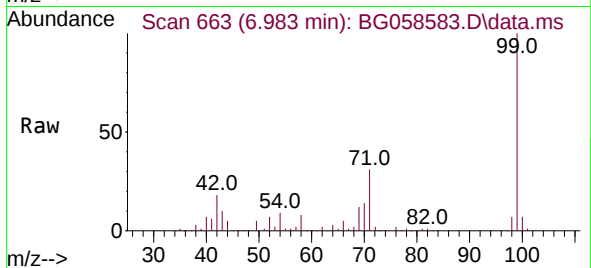




#7  
Phenol-d6  
Concen: 73.255 ng  
RT: 6.983 min Scan# 663  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

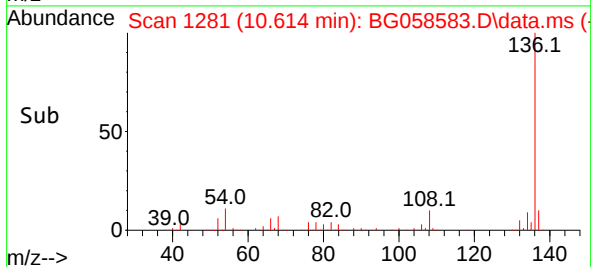
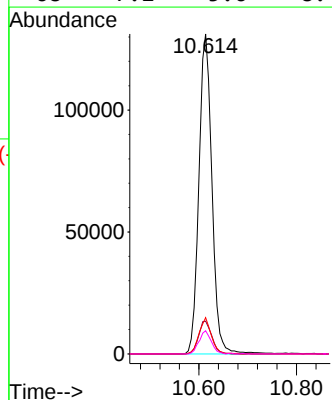
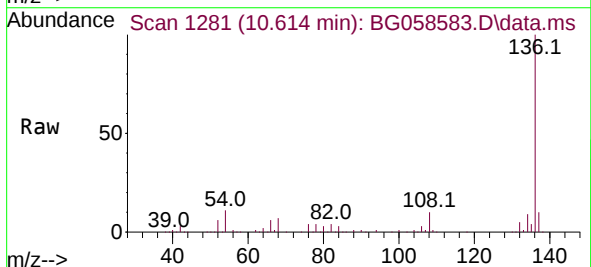
Instrument :  
BNA\_G  
ClientSampleId :  
PLAUDERVILLE-3

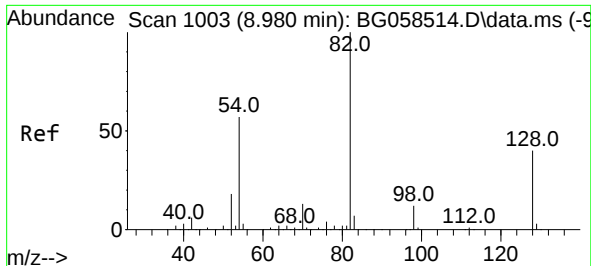
Tgt Ion: 99 Resp: 377281  
Ion Ratio Lower Upper  
99 100  
42 18.2 14.6 21.8  
71 30.9 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

Tgt Ion: 136 Resp: 242742  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.6 13.0  
54 11.3 8.9 13.3  
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 44.992 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

Instrument :

BNA\_G

ClientSampleId :

PLAUDERVILLE-3

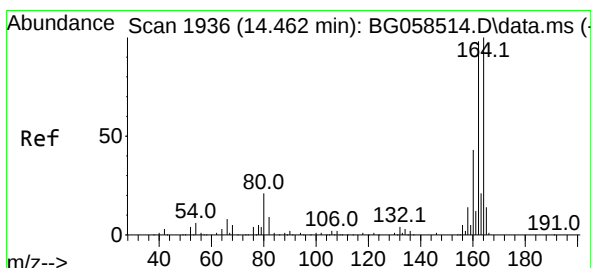
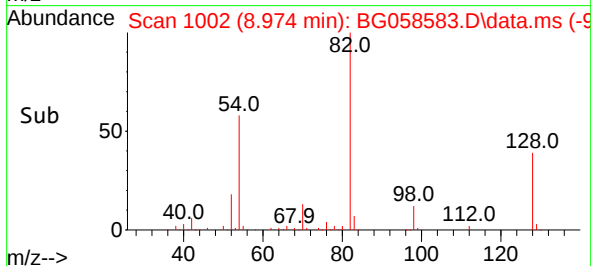
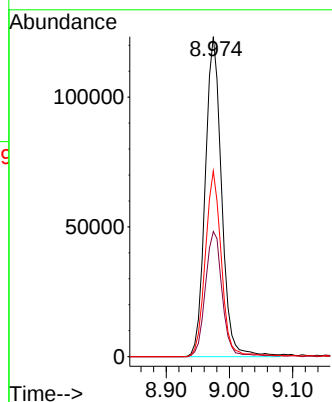
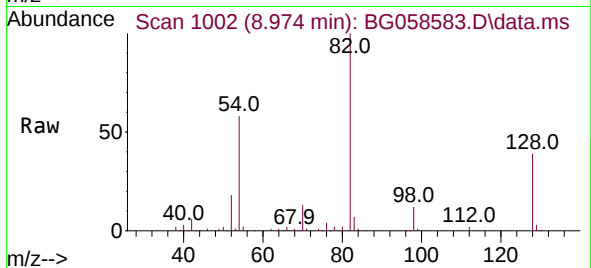
Tgt Ion: 82 Resp: 222319

Ion Ratio Lower Upper

82 100

128 39.1 32.2 48.2

54 58.0 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG058583.D

Acq: 2 Aug 2023 18:10

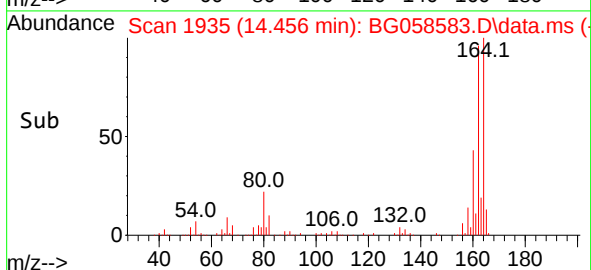
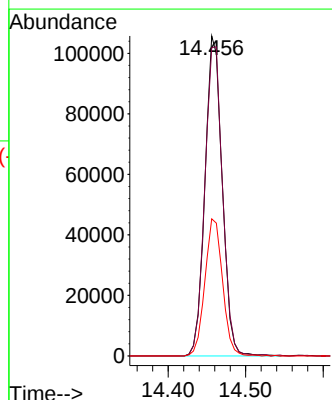
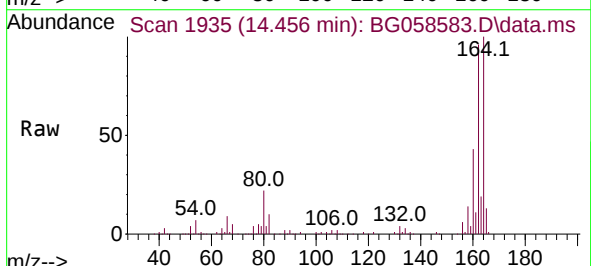
Tgt Ion:164 Resp: 162809

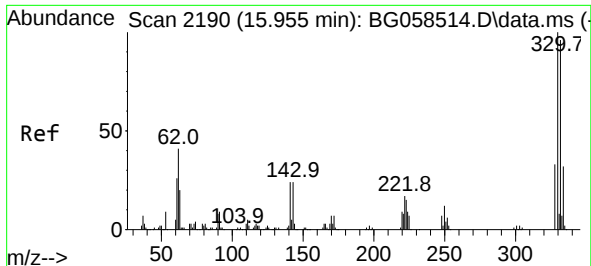
Ion Ratio Lower Upper

164 100

162 96.3 78.3 117.5

160 42.8 34.1 51.1

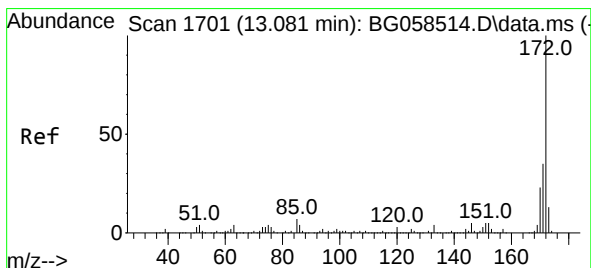
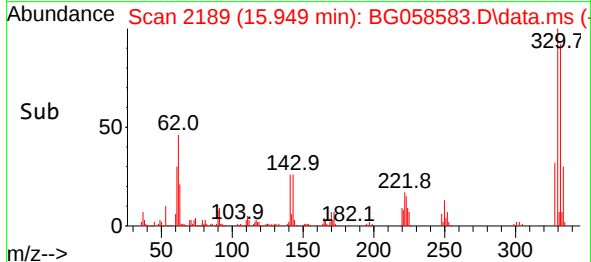
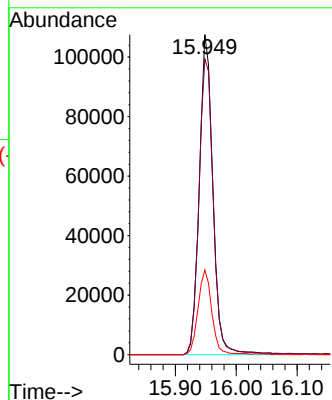
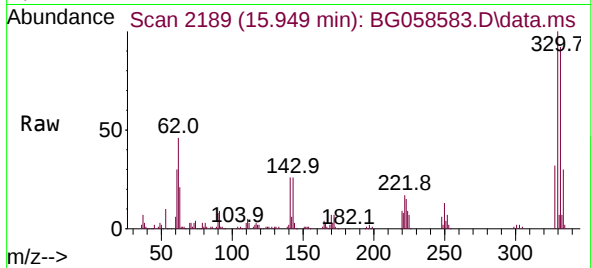




#42  
2,4,6-Tribromophenol  
Concen: 62.413 ng  
RT: 15.949 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

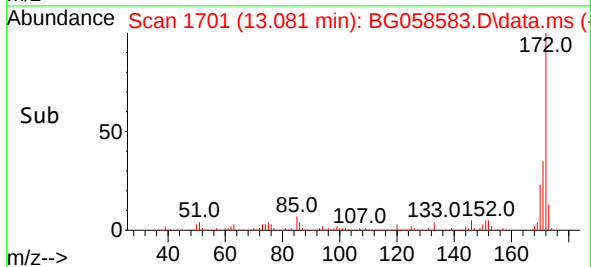
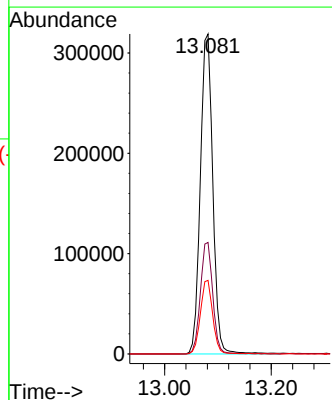
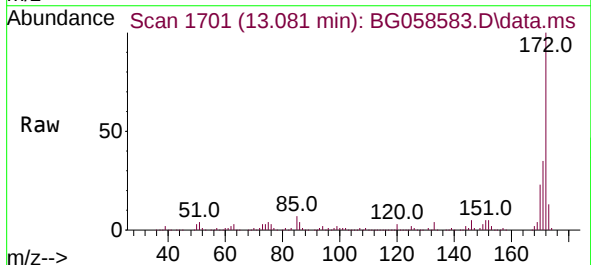
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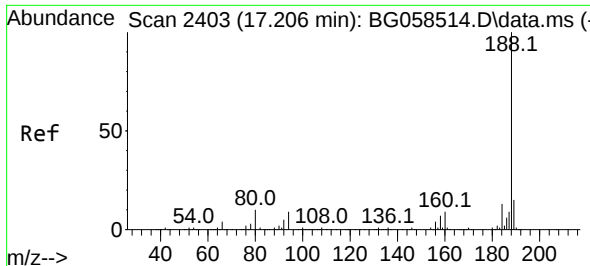
Tgt Ion:330 Resp: 166552  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.5 116.3  
141 26.7 20.7 31.1



#45  
2-Fluorobiphenyl  
Concen: 47.543 ng  
RT: 13.081 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

Tgt Ion:172 Resp: 516515  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.0 42.0  
170 23.0 18.4 27.6

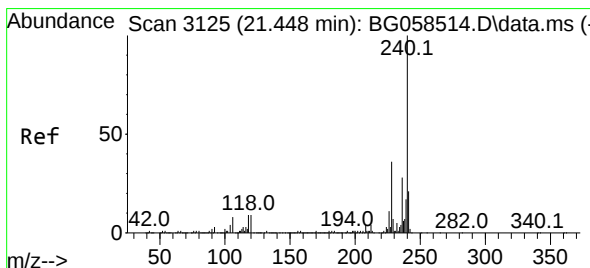
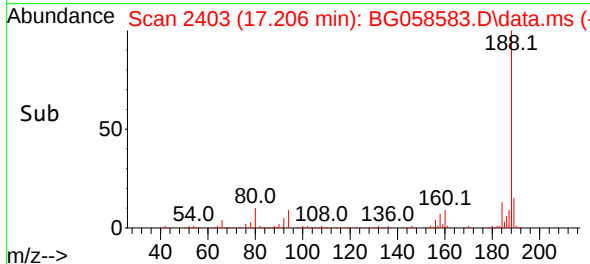
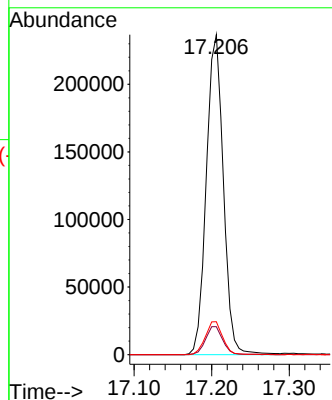
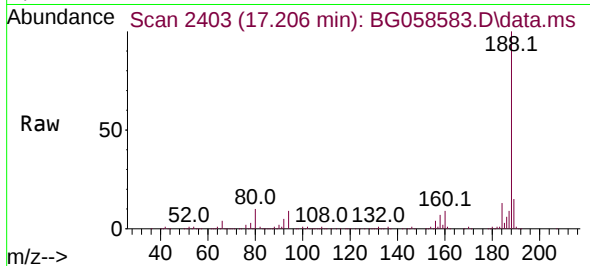




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 2403  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

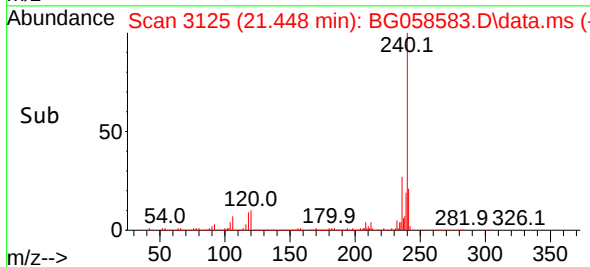
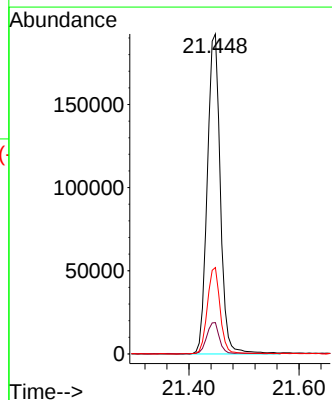
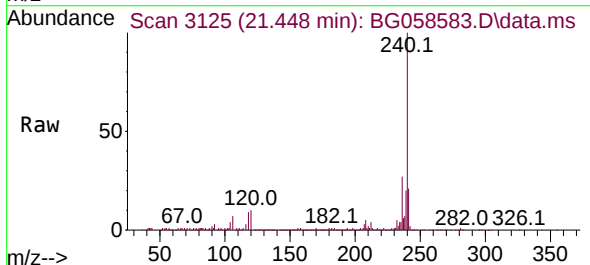
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PLAUDERVILLE-3

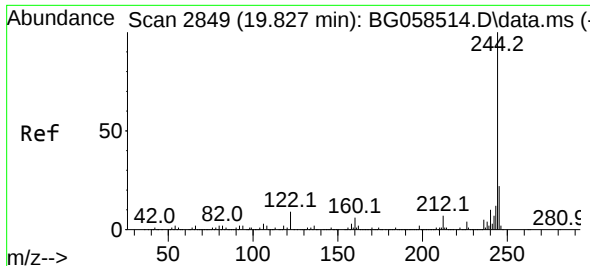
Tgt Ion:188 Resp: 361197  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.0 10.6  
80 10.3 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3125  
Delta R.T. -0.000 min  
Lab File: BG058583.D  
Acq: 2 Aug 2023 18:10

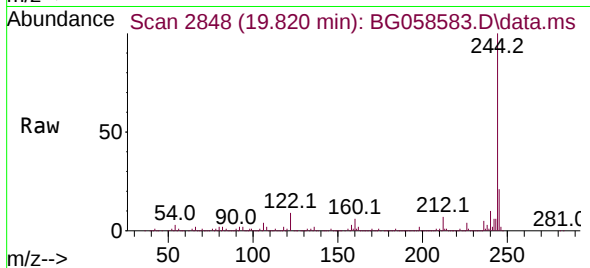
Tgt Ion:240 Resp: 316603  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.4 11.0  
236 27.0 22.2 33.4



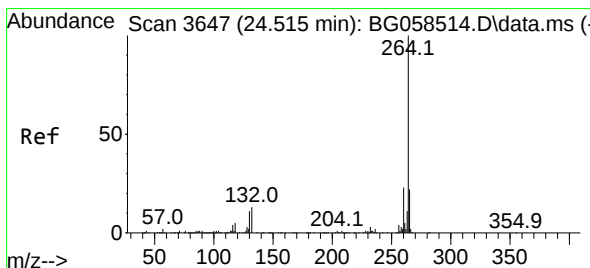
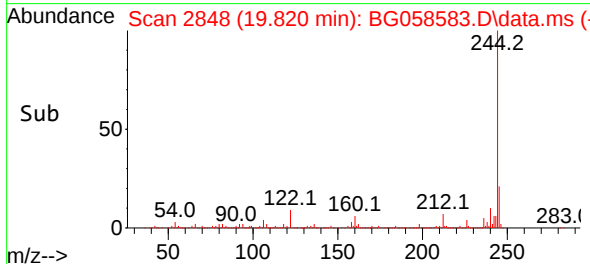
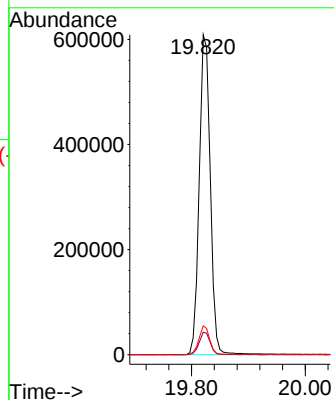


#79  
 Terphenyl-d14  
 Concen: 48.610 ng  
 RT: 19.820 min Scan# 2848  
 Delta R.T. -0.006 min  
 Lab File: BG058583.D  
 Acq: 2 Aug 2023 18:10

Instrument :  
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Tgt Ion:244 Resp: 818396  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 9.0 6.8 10.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.515 min Scan# 3647  
 Delta R.T. -0.000 min  
 Lab File: BG058583.D  
 Acq: 2 Aug 2023 18:10

Tgt Ion:264 Resp: 396833  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 18.4 27.6  
 265 21.4 17.9 26.9

