

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072823\  
 Data File : BG058532.D  
 Acq On : 29 Jul 2023 00:32  
 Operator : MA/JU  
 Sample : 03632-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-12-(4-6)

Quant Time: Jul 29 02:58:59 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   | 7.812  | 152  | 52340    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.614 | 136  | 220930   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 149323   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.207 | 188  | 316562   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.449 | 240  | 246196   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.528 | 264  | 322398   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.385  | 112  | 340132   | 99.327 | ng    | 0.00     |
| 7) Phenol-d6                | 6.983  | 99   | 476315   | 99.962 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.975  | 82   | 294911   | 65.575 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.949 | 330  | 212361   | 86.766 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.082 | 172  | 683426   | 68.588 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.827 | 244  | 954655   | 72.920 | ng    | 0.00     |

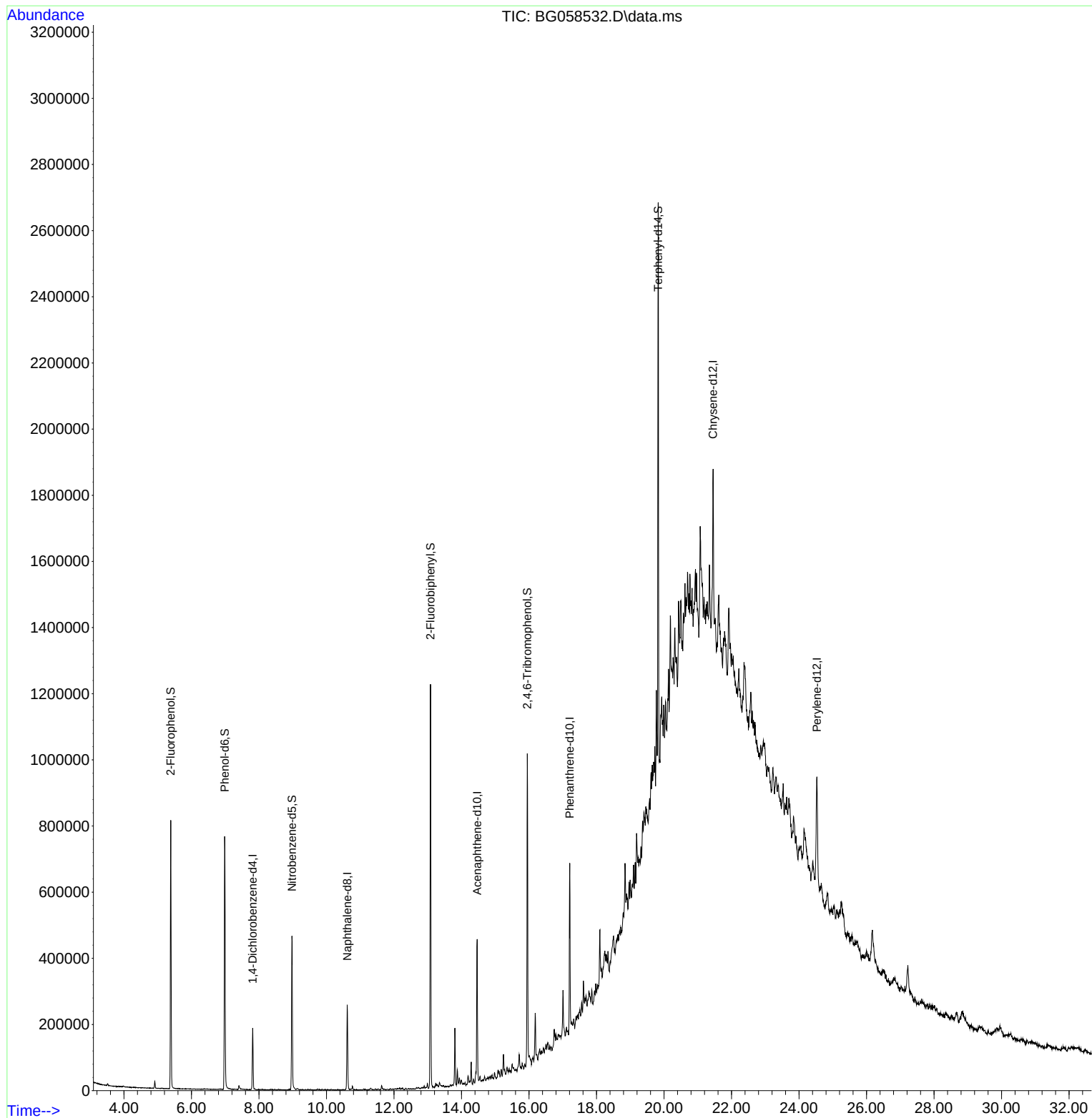
Target Compounds Qvalue

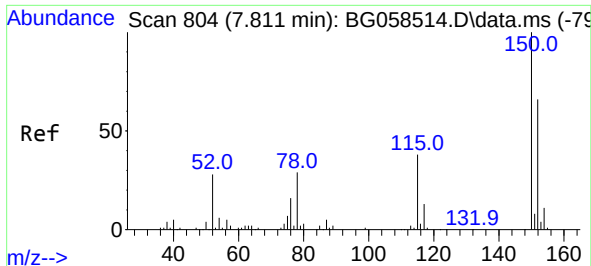
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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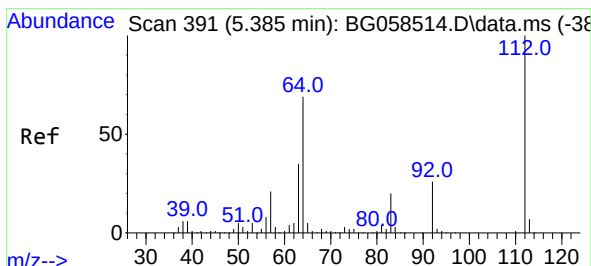
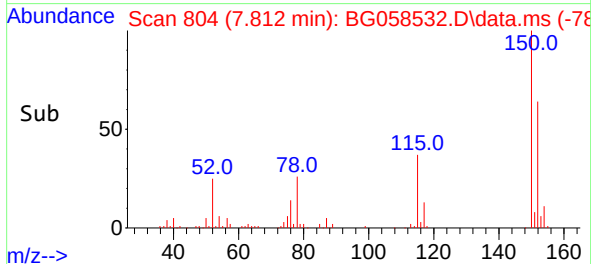
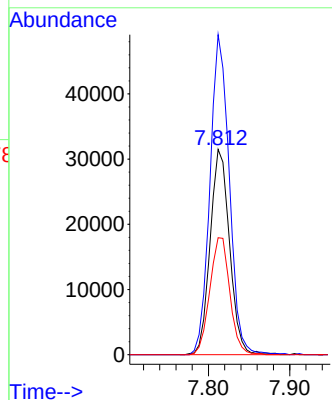
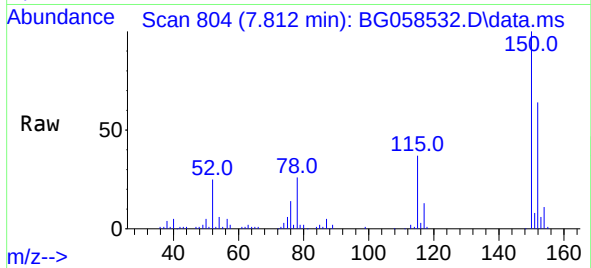




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.812 min Scan# 804  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

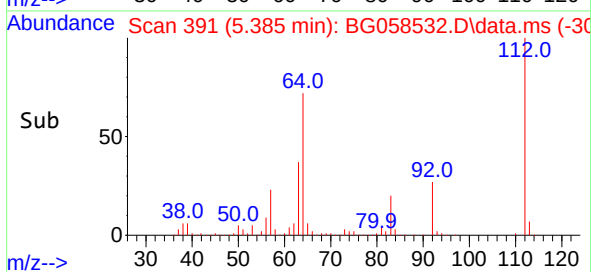
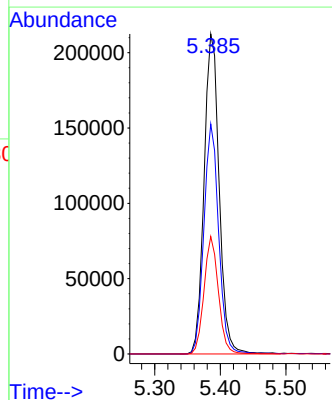
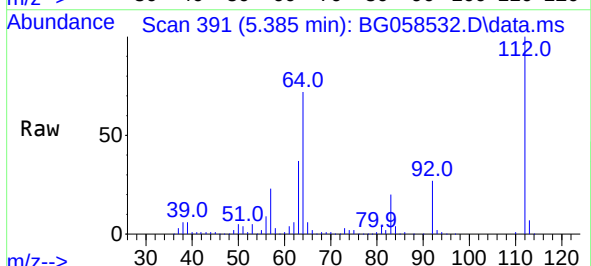
Instrument :  
BNA\_G  
ClientSampleId :  
SB-12-(4-6)

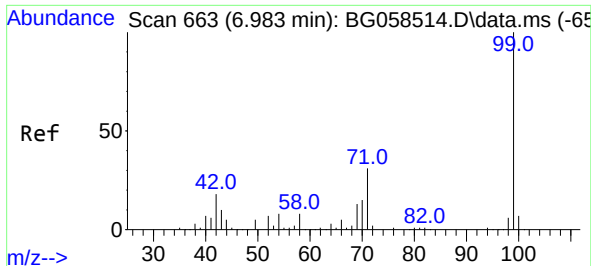
Tgt Ion:152 Resp: 52340  
Ion Ratio Lower Upper  
152 100  
150 155.9 120.5 180.7  
115 57.0 45.9 68.9



#5  
2-Fluorophenol  
Concen: 99.327 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

Tgt Ion:112 Resp: 340132  
Ion Ratio Lower Upper  
112 100  
64 71.9 55.3 82.9  
63 36.7 28.3 42.5

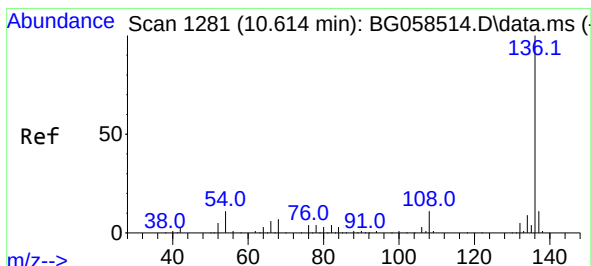
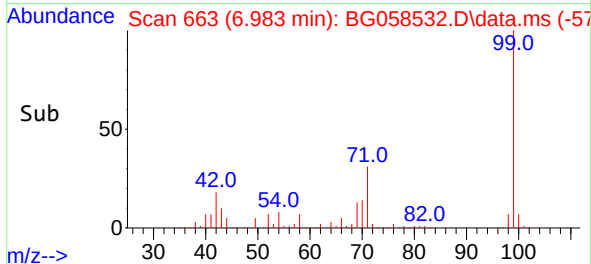
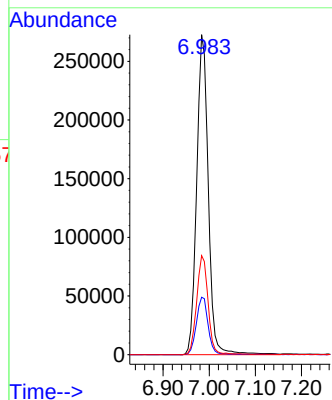
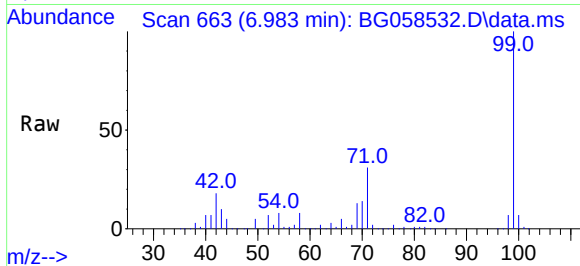




#7  
Phenol-d6  
Concen: 99.962 ng  
RT: 6.983 min Scan# 663  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

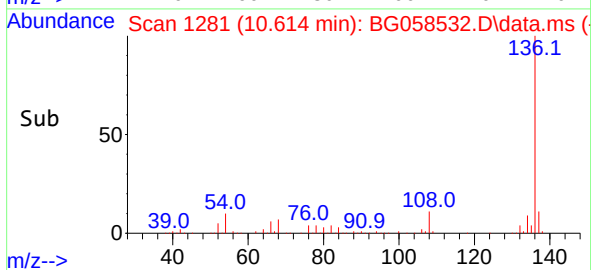
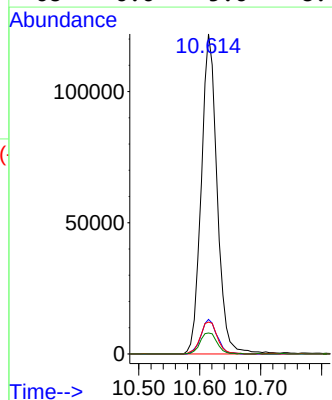
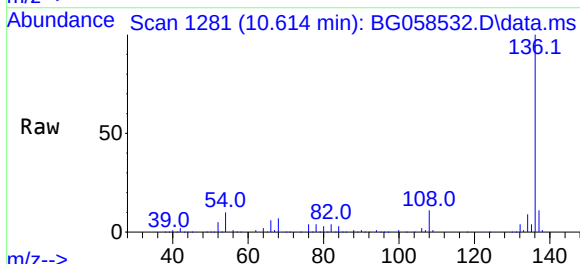
Instrument :  
BNA\_G  
ClientSampleId :  
SB-12-(4-6)

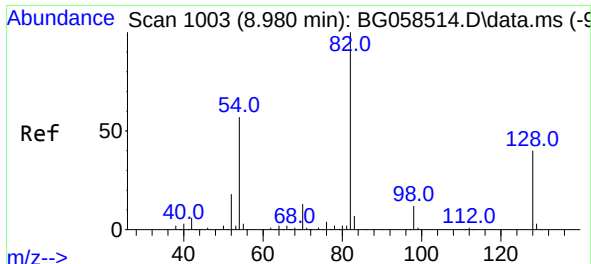
Tgt Ion: 99 Resp: 476315  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.6 21.8  
71 31.0 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

Tgt Ion:136 Resp: 220930  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 10.0 8.9 13.3  
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 65.575 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

Instrument :

BNA\_G

ClientSampleId :

SB-12-(4-6)

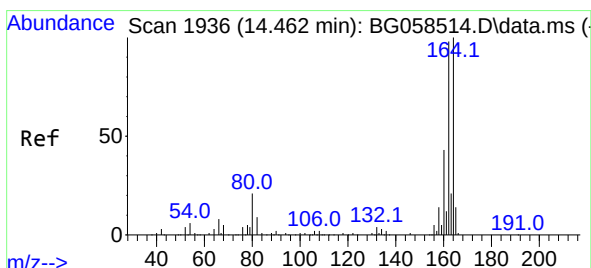
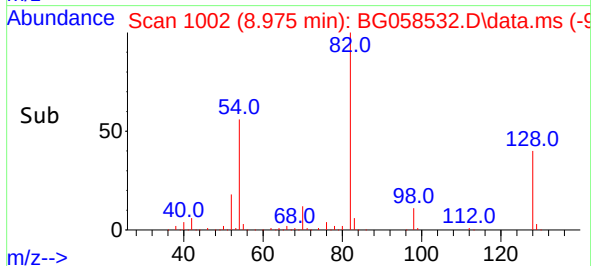
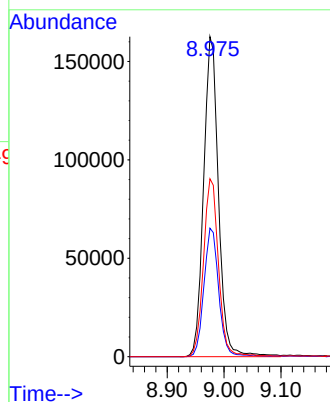
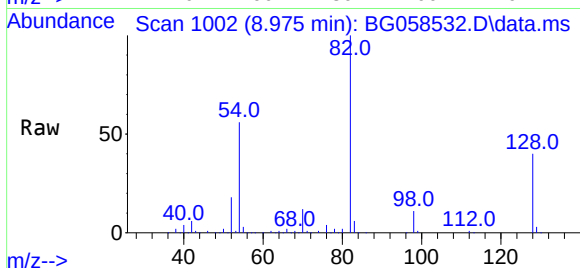
Tgt Ion: 82 Resp: 294911

Ion Ratio Lower Upper

82 100

128 40.1 32.2 48.2

54 55.6 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

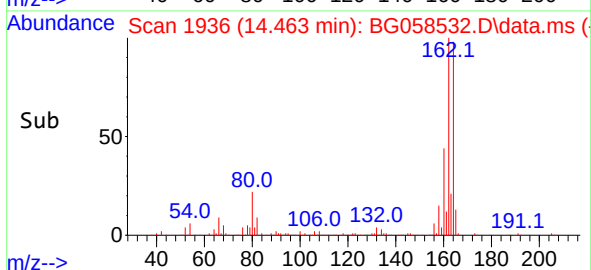
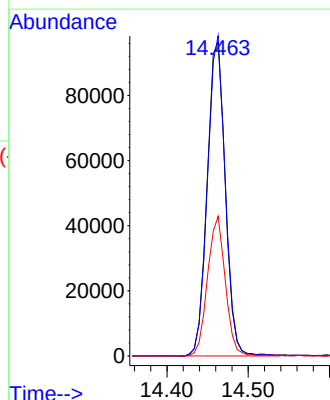
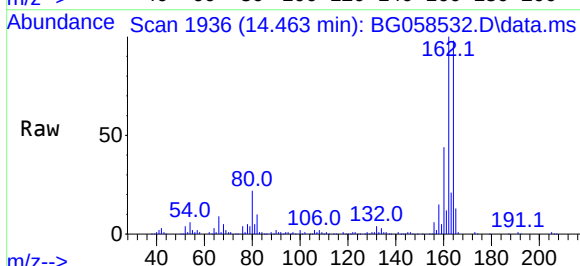
Tgt Ion:164 Resp: 149323

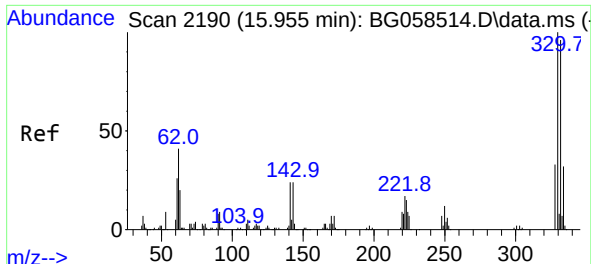
Ion Ratio Lower Upper

164 100

162 102.0 78.3 117.5

160 44.5 34.1 51.1

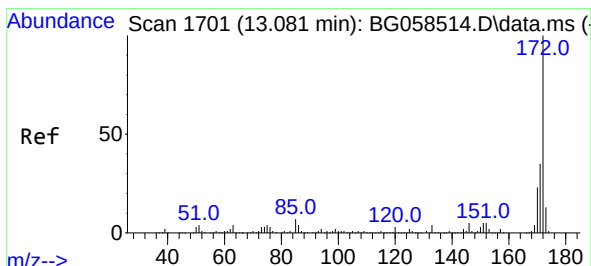
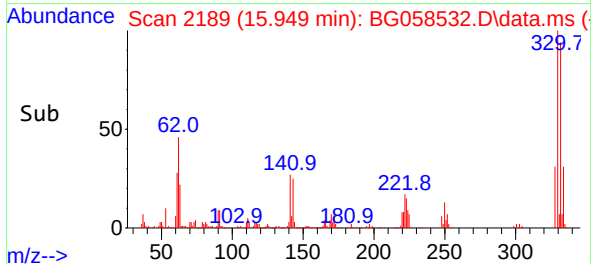
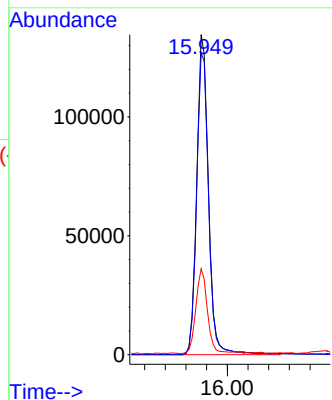
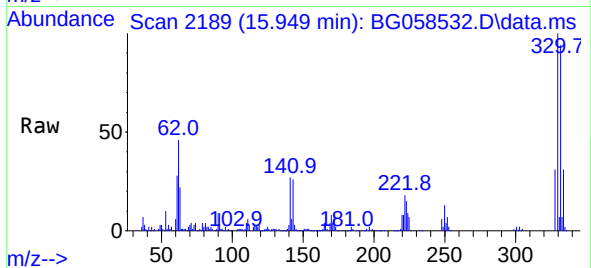




#42  
2,4,6-Tribromophenol  
Concen: 86.766 ng  
RT: 15.949 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

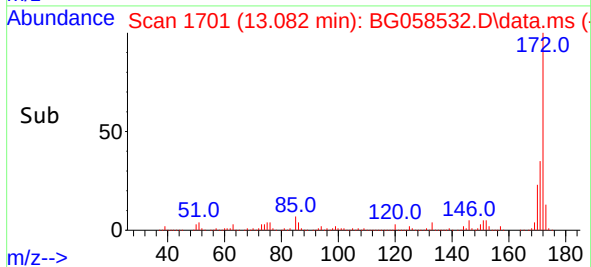
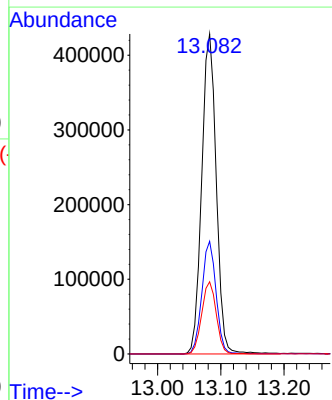
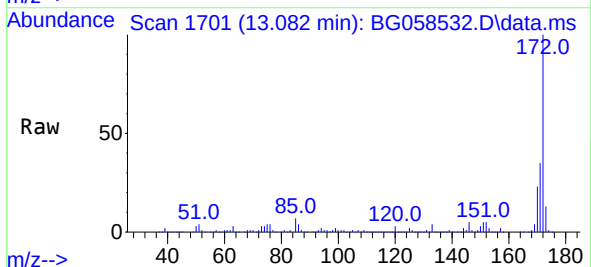
Instrument :  
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SB-12-(4-6)

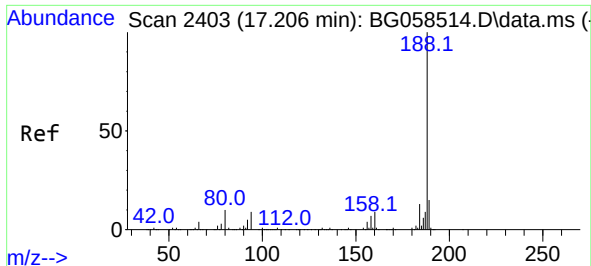
Tgt Ion:330 Resp: 212361  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.5 116.3  
141 25.8 20.7 31.1



#45  
2-Fluorobiphenyl  
Concen: 68.588 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

Tgt Ion:172 Resp: 683426  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 22.6 18.4 27.6

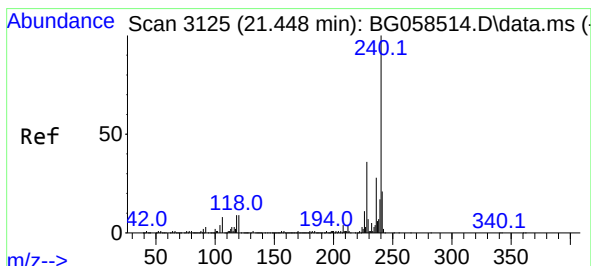
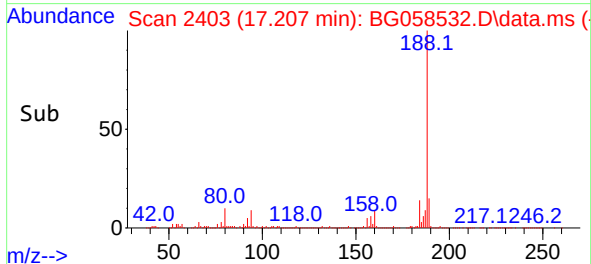
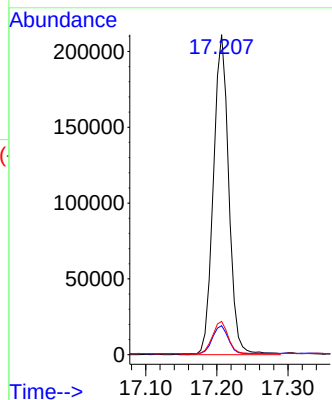
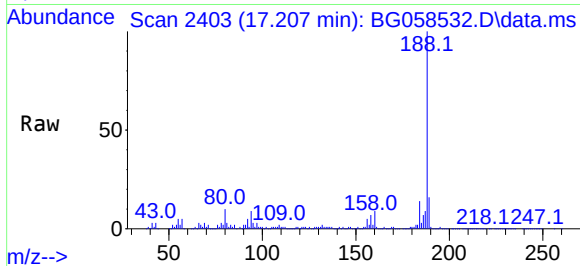




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.207 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

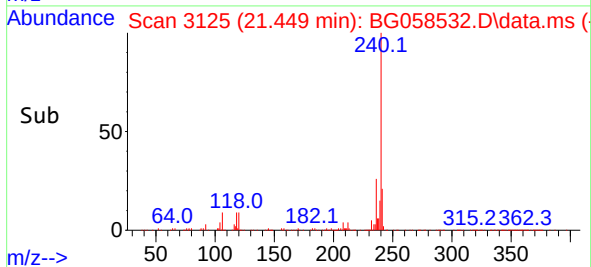
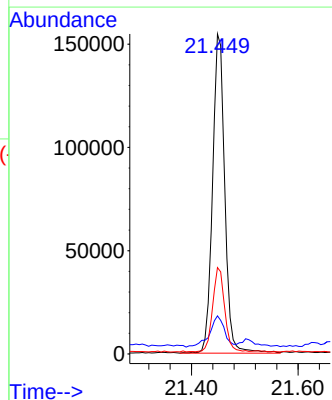
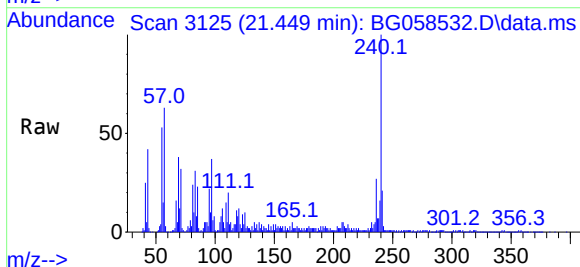
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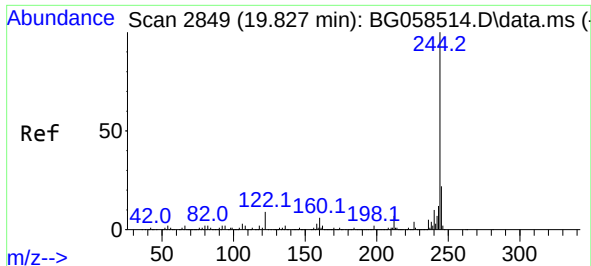
Tgt Ion:188 Resp: 316562  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.6  
80 10.4 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. 0.001 min  
Lab File: BG058532.D  
Acq: 29 Jul 2023 00:32

Tgt Ion:240 Resp: 246196  
Ion Ratio Lower Upper  
240 100  
120 11.9 7.4 11.0#  
236 27.0 22.2 33.4

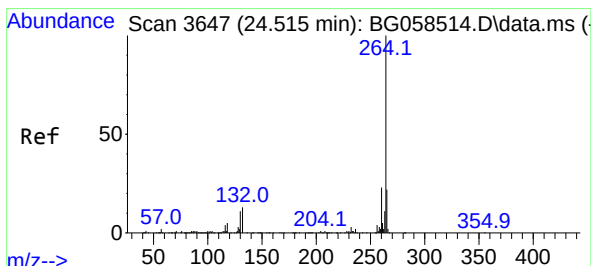
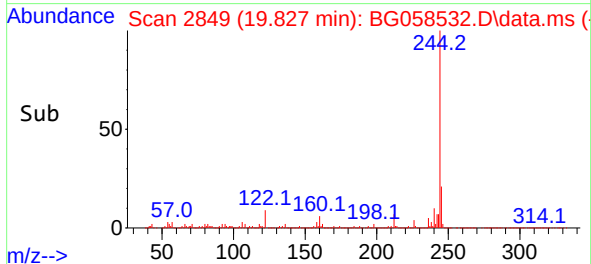
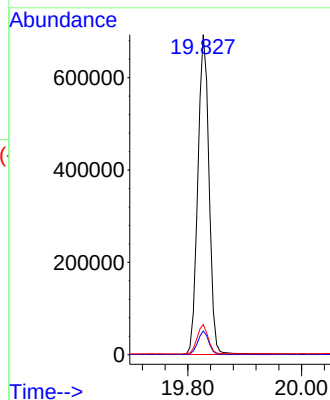
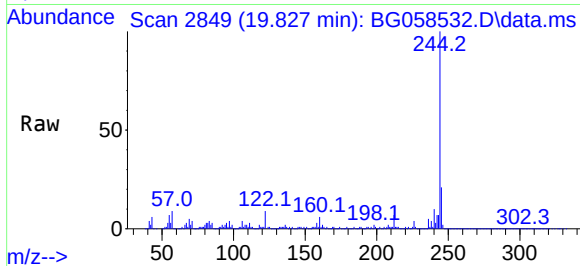




#79  
 Terphenyl-d14  
 Concen: 72.920 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG058532.D  
 Acq: 29 Jul 2023 00:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-12-(4-6)

Tgt Ion:244 Resp: 954655  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 9.4 6.8 10.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.528 min Scan# 3649  
 Delta R.T. 0.012 min  
 Lab File: BG058532.D  
 Acq: 29 Jul 2023 00:32

Tgt Ion:264 Resp: 322398  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.4 27.6  
 265 22.3 17.9 26.9

