

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072823\  
 Data File : BG058531.D  
 Acq On : 28 Jul 2023 23:51  
 Operator : MA/JU  
 Sample : 03632-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-(7-9)

Quant Time: Jul 29 01:06:02 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  | 49201    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.614 | 136  | 211463   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 144771   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.206 | 188  | 315198   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.443 | 240  | 278313   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.510 | 264  | 346912   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.385  | 112  | 329836   | 102.465 | ng    | 0.00     |
| 7) Phenol-d6                | 6.983  | 99   | 478515   | 106.831 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.975  | 82   | 282416   | 65.608  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.955 | 330  | 214163   | 90.254  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.082 | 172  | 583743   | 60.426  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.827 | 244  | 1006603  | 68.015  | ng    | 0.00     |

Target Compounds Qvalue

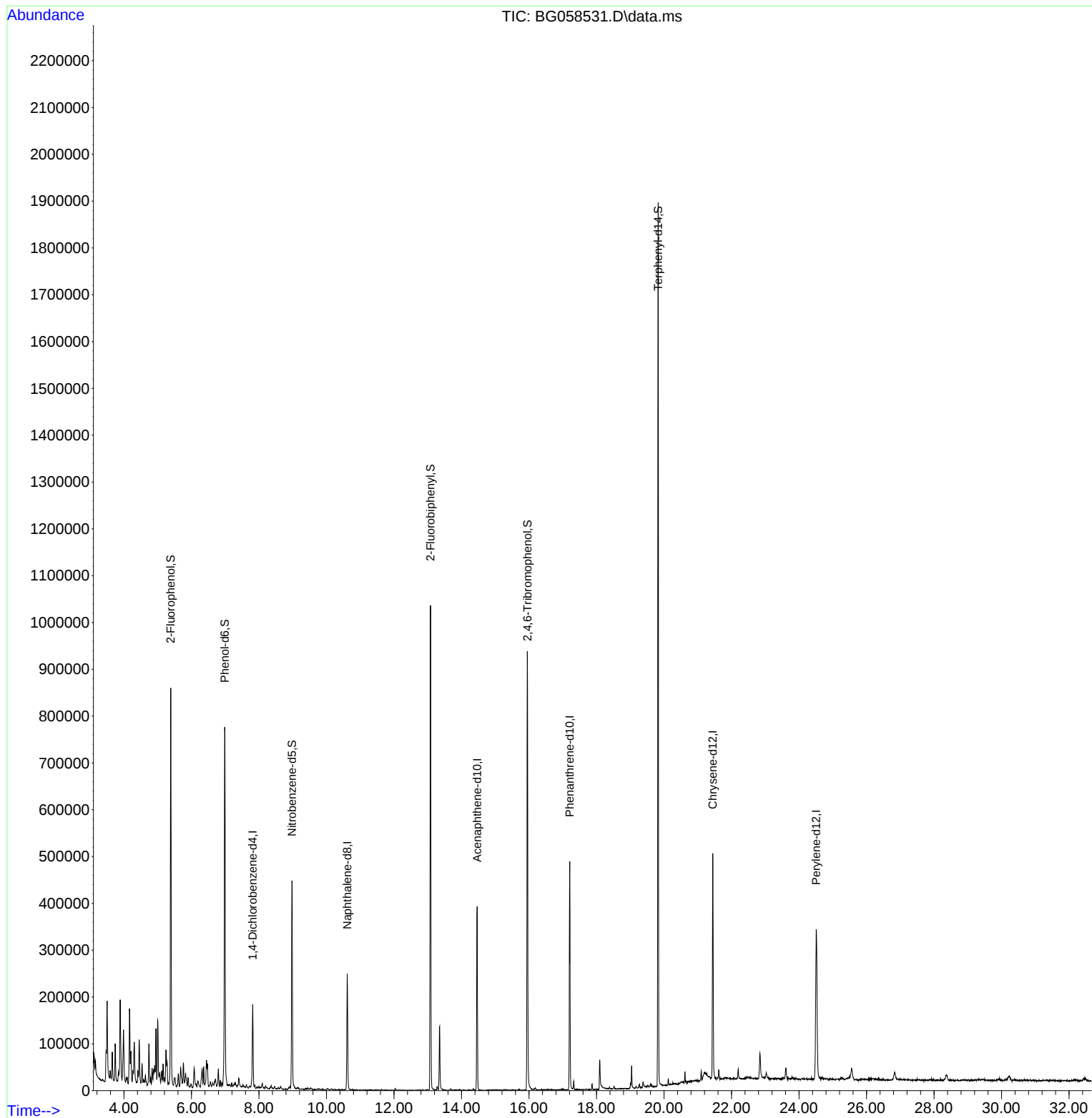
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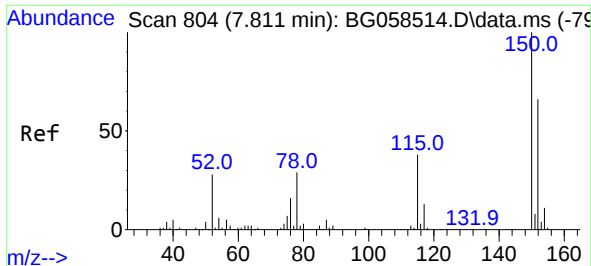
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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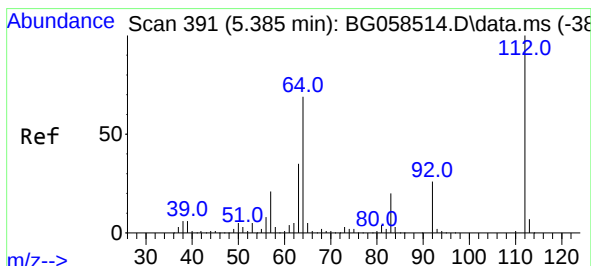
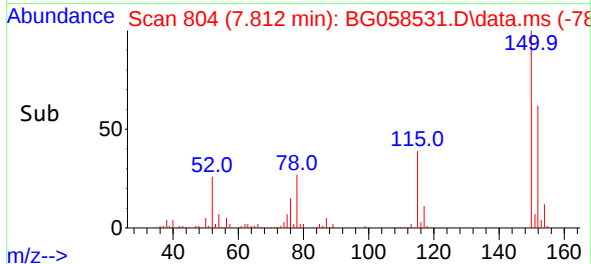
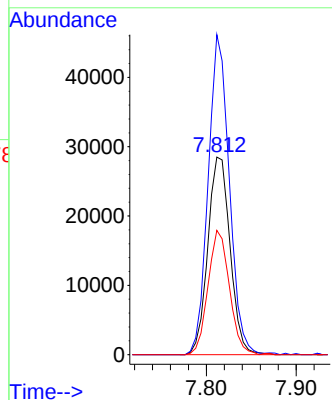
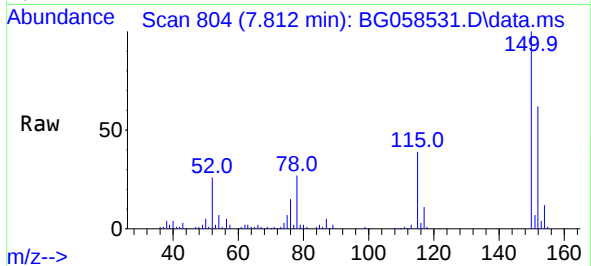




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.812 min Scan# 804  
Delta R.T. 0.001 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

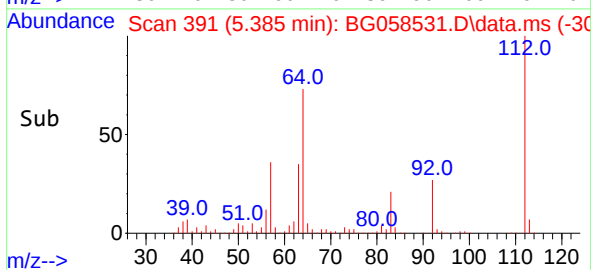
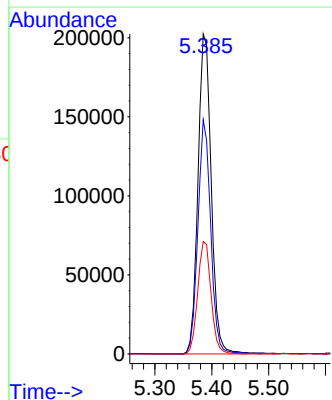
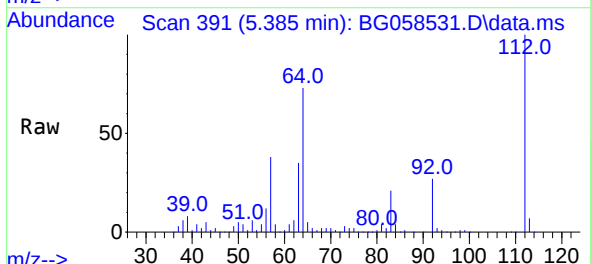
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-(7-9)

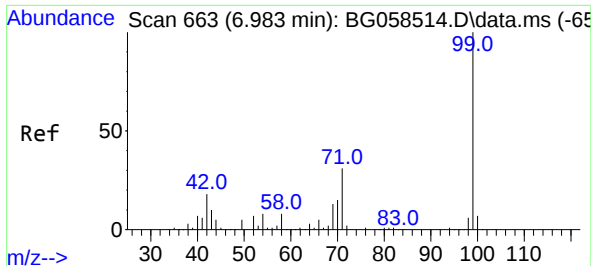
Tgt Ion:152 Resp: 49201  
Ion Ratio Lower Upper  
152 100  
150 161.9 120.5 180.7  
115 62.9 45.9 68.9



#5  
2-Fluorophenol  
Concen: 102.465 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Tgt Ion:112 Resp: 329836  
Ion Ratio Lower Upper  
112 100  
64 73.2 55.3 82.9  
63 35.2 28.3 42.5

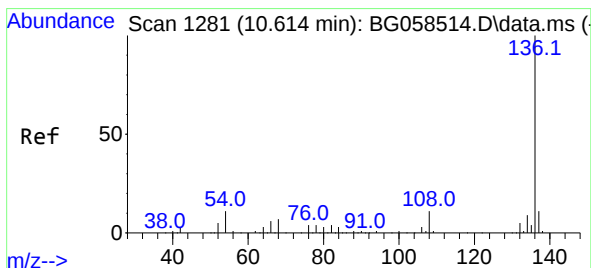
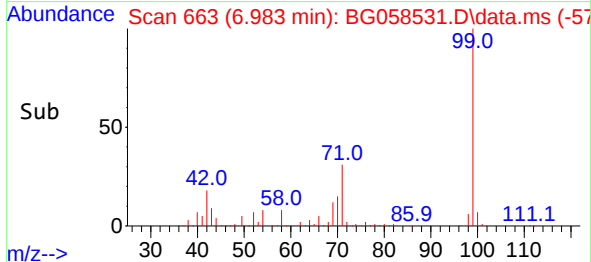
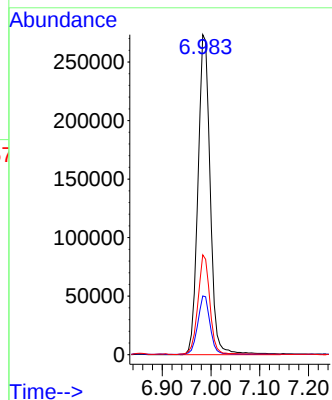
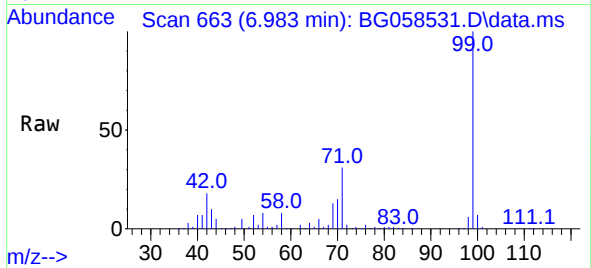




#7  
Phenol-d6  
Concen: 106.831 ng  
RT: 6.983 min Scan# 663  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

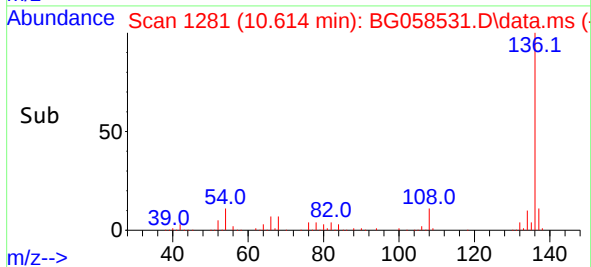
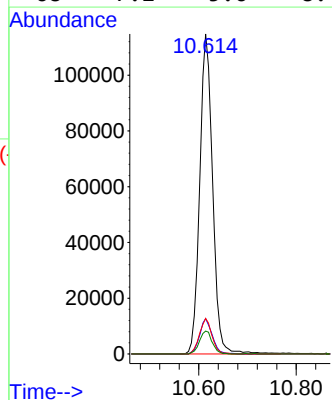
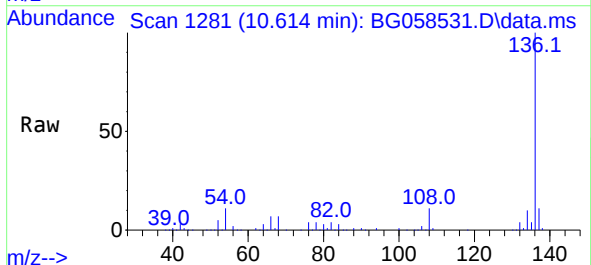
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-(7-9)

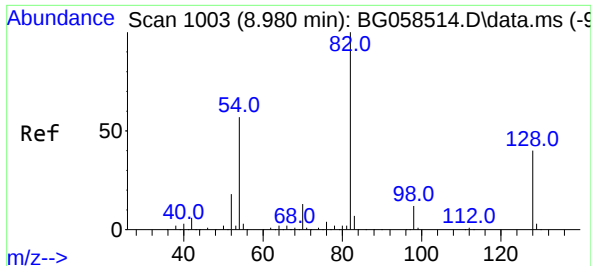
Tgt Ion: 99 Resp: 478515  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.6 21.8  
71 31.2 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Tgt Ion: 136 Resp: 211463  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 11.1 8.9 13.3  
68 7.2 5.6 8.4

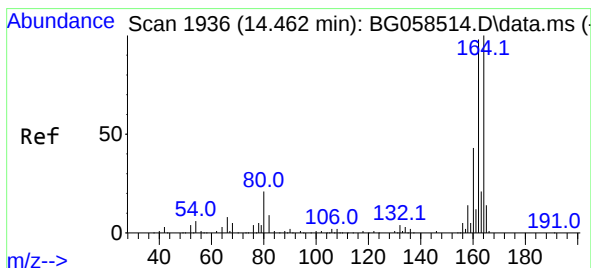
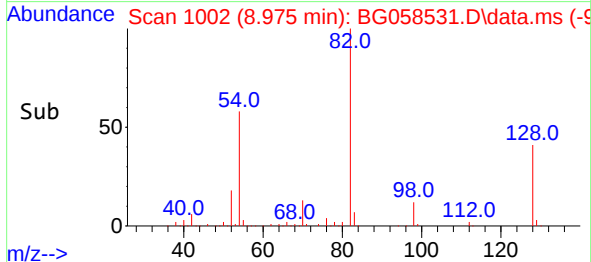
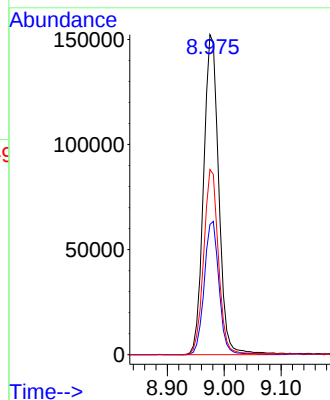
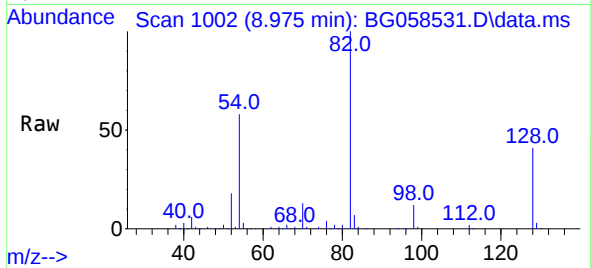




#23  
Nitrobenzene-d5  
Concen: 65.608 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.005 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

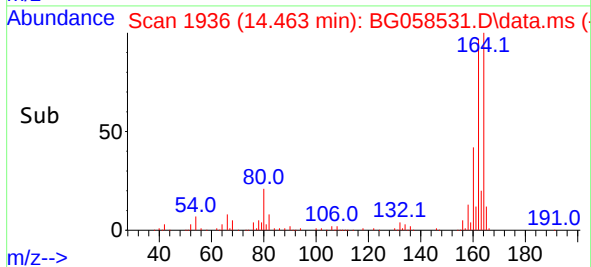
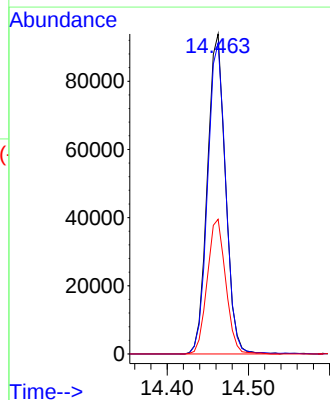
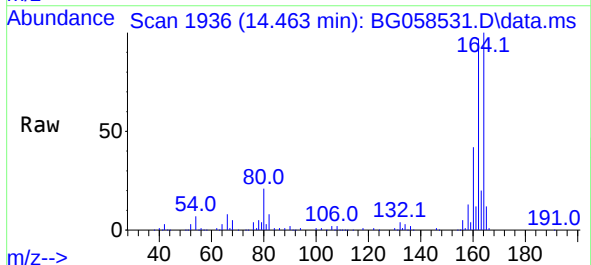
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-(7-9)

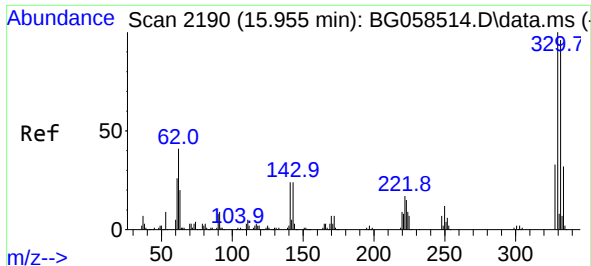
Tgt Ion: 82 Resp: 282416  
Ion Ratio Lower Upper  
82 100  
128 40.7 32.2 48.2  
54 57.8 46.0 69.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

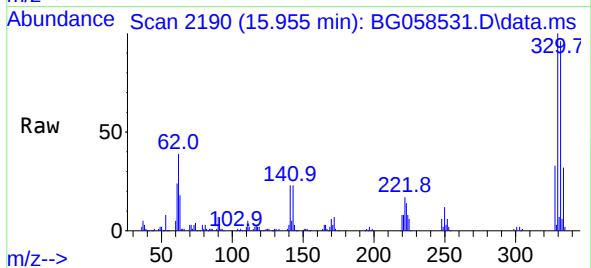
Tgt Ion:164 Resp: 144771  
Ion Ratio Lower Upper  
164 100  
162 97.2 78.3 117.5  
160 42.1 34.1 51.1



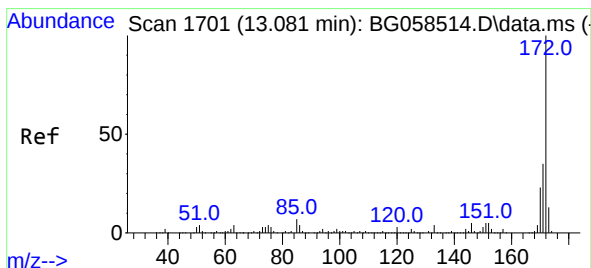
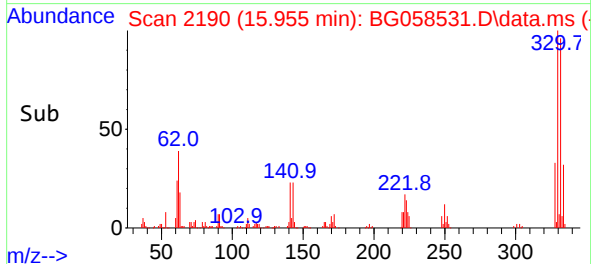
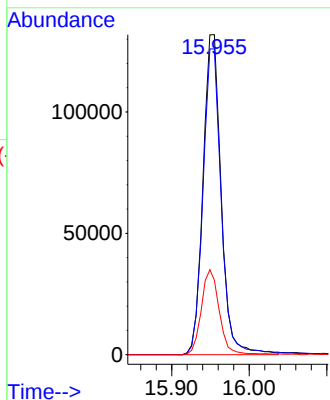


#42  
2,4,6-Tribromophenol  
Concen: 90.254 ng  
RT: 15.955 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-(7-9)

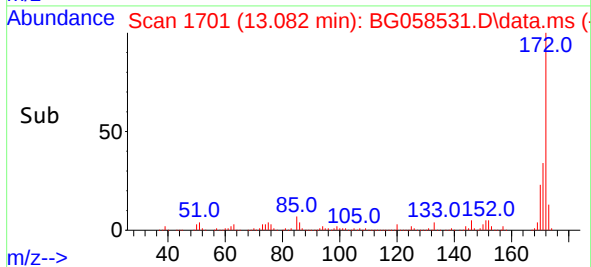
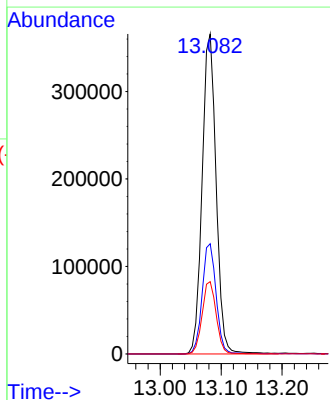
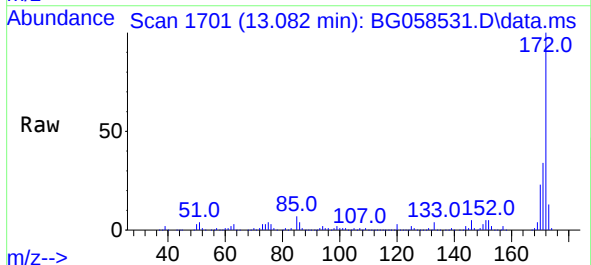


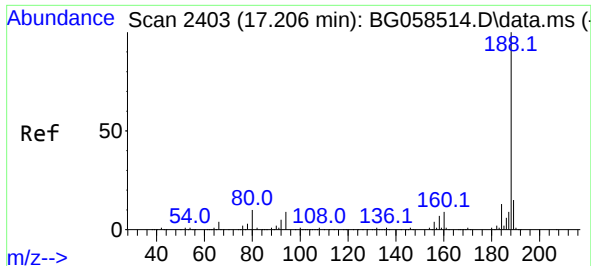
Tgt Ion:330 Resp: 214163  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.5 116.3  
141 26.5 20.7 31.1



#45  
2-Fluorobiphenyl  
Concen: 60.426 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

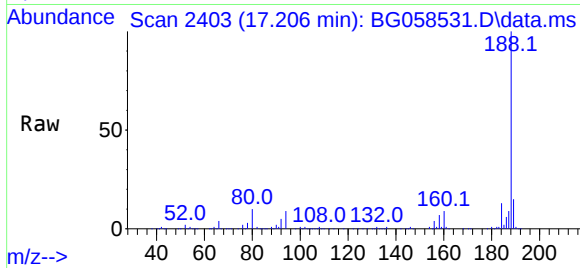
Tgt Ion:172 Resp: 583743  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.0 42.0  
170 22.6 18.4 27.6



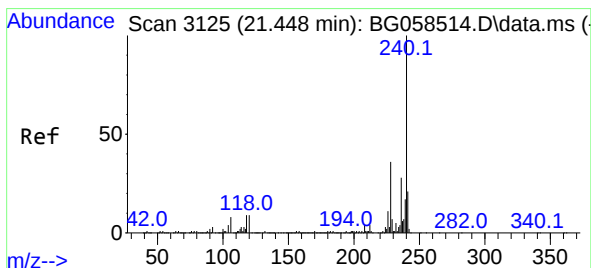
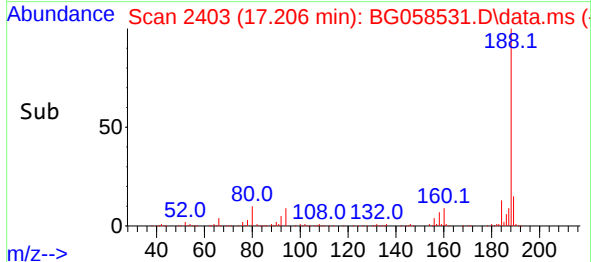
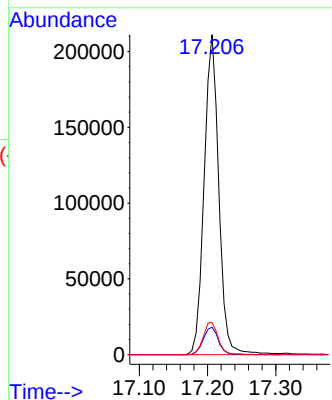


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Instrument :  
BNA\_G  
ClientSampleId :  
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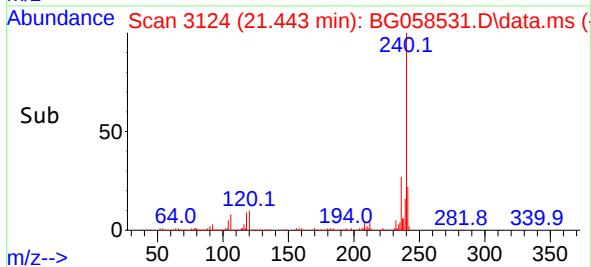
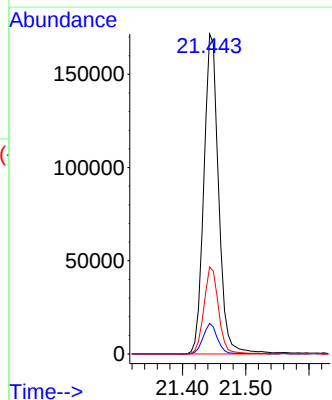
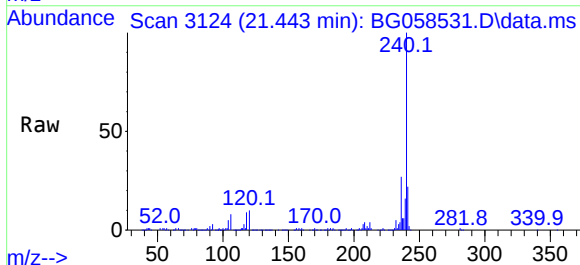


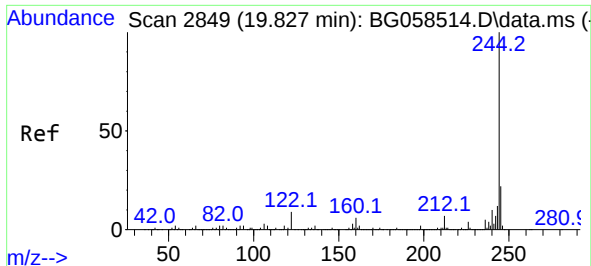
Tgt Ion:188 Resp: 315198  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.6  
80 10.0 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.443 min Scan# 3124  
Delta R.T. -0.005 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Tgt Ion:240 Resp: 278313  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.4 11.0  
236 27.2 22.2 33.4

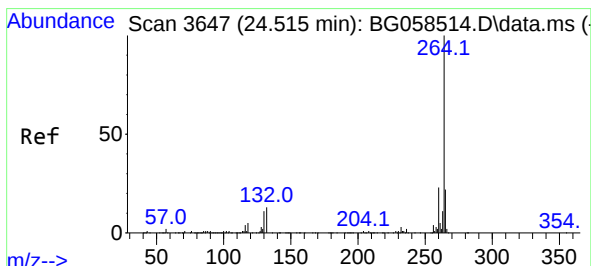
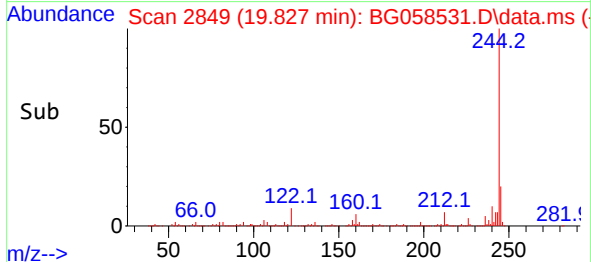
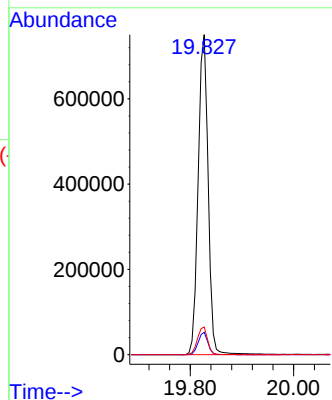
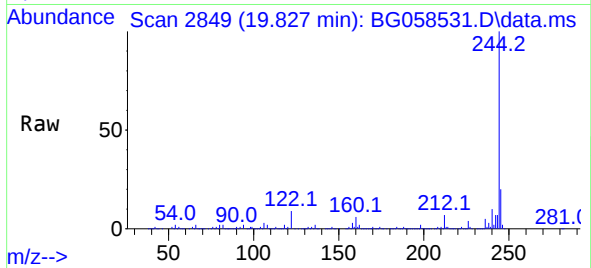




#79  
Terphenyl-d14  
Concen: 68.015 ng  
RT: 19.827 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-(7-9)

Tgt Ion:244 Resp: 1006603  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 8.7 6.8 10.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.510 min Scan# 3646  
Delta R.T. -0.005 min  
Lab File: BG058531.D  
Acq: 28 Jul 2023 23:51

Tgt Ion:264 Resp: 346912  
Ion Ratio Lower Upper  
264 100  
260 21.9 18.4 27.6  
265 23.2 17.9 26.9

