

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030725\  
 Data File : BG064062.D  
 Acq On : 7 Mar 2025 17:00  
 Operator : RC/JU  
 Sample : Q1494-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PURGE-WATER

Quant Time: Mar 07 17:32:05 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.864  | 152  | 33581    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.649 | 136  | 149800   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.486 | 164  | 106204   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.230 | 188  | 238389   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.460 | 240  | 256559   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.480 | 264  | 269616   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.449  | 112  | 139789   | 64.999  | ng    | 0.00     |
| 7) Phenol-d6                | 7.024  | 99   | 122759   | 41.959  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.016  | 82   | 265143   | 97.813  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.972 | 330  | 175834   | 148.945 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.117 | 172  | 592339   | 84.658  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.850 | 244  | 1154050  | 90.953  | ng    | 0.00     |

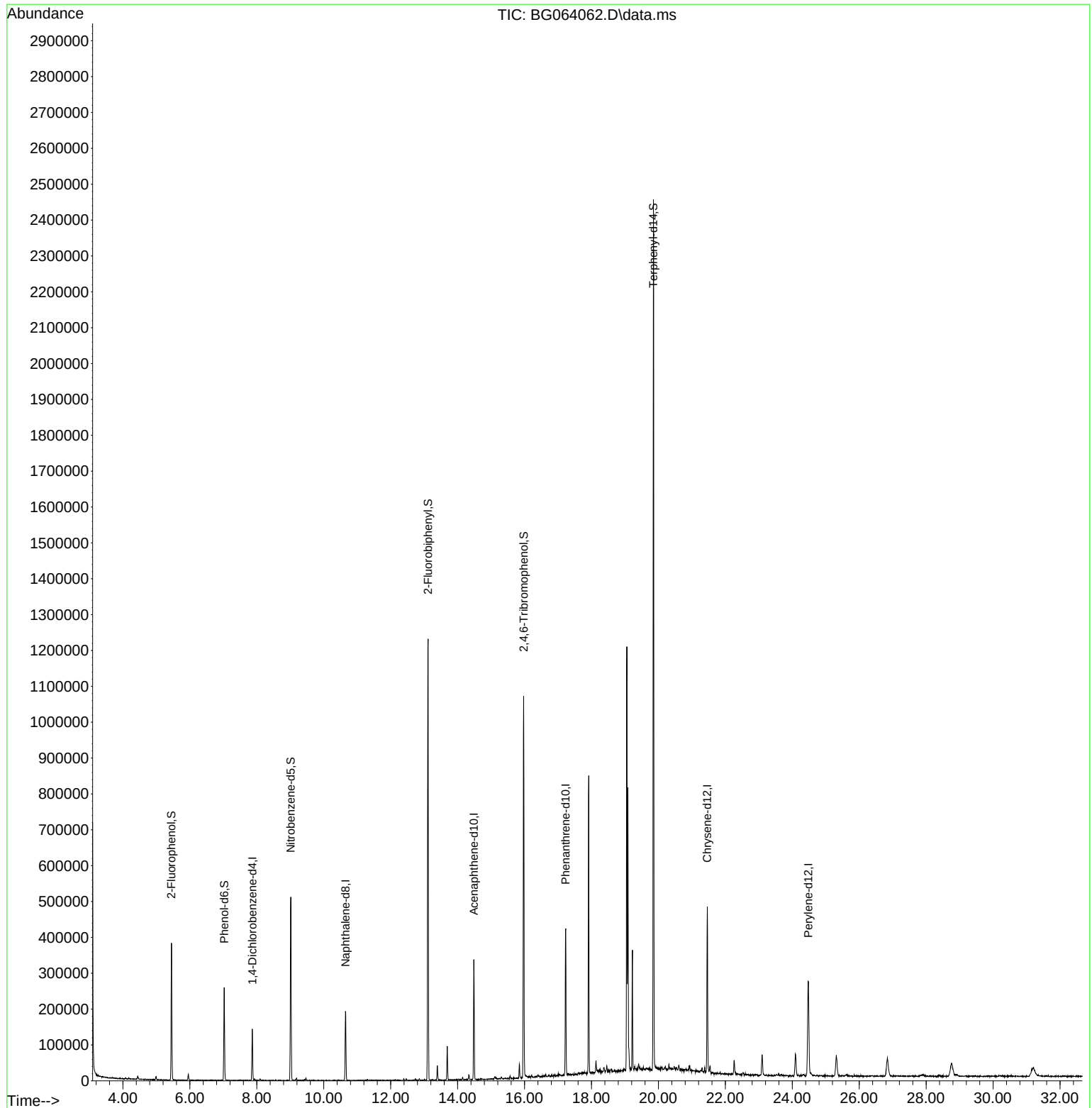
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

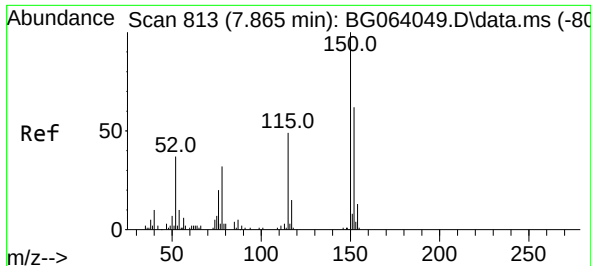
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

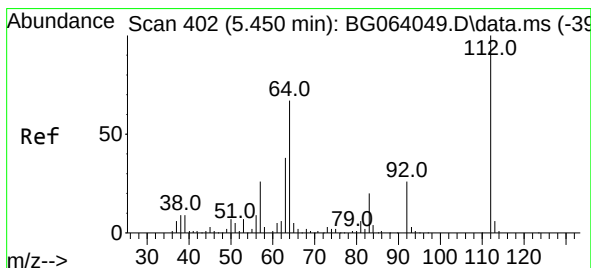
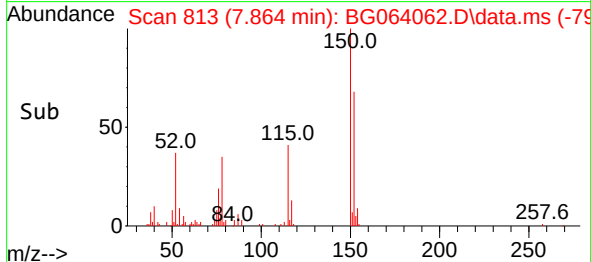
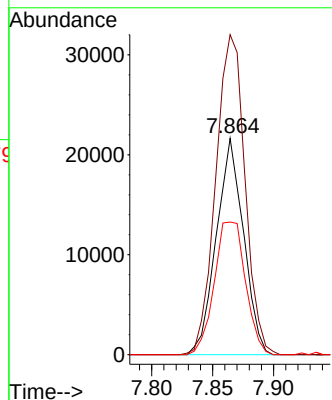
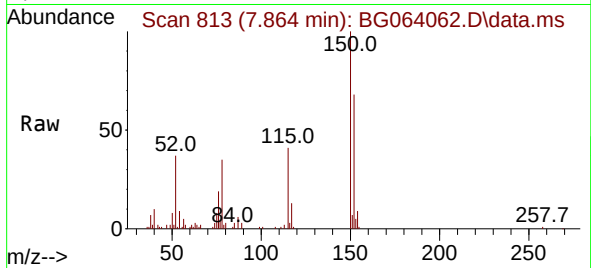




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.864 min Scan# 813  
Delta R.T. -0.001 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

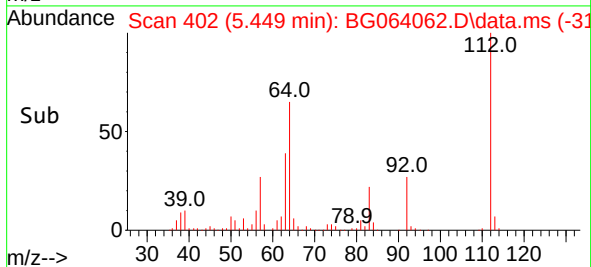
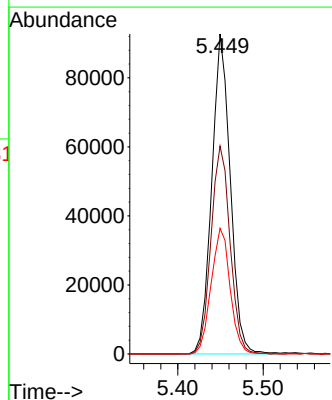
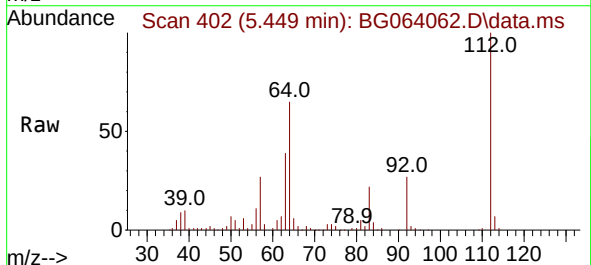
Instrument :  
BNA\_G  
ClientSampleId :  
PURGE-WATER

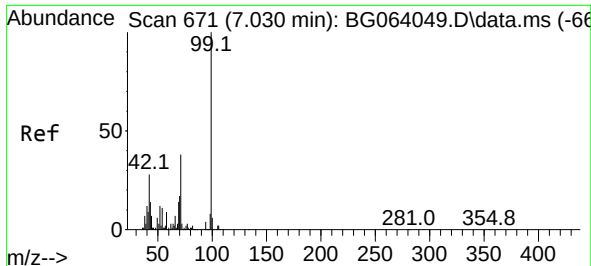
Tgt Ion:152 Resp: 33581  
Ion Ratio Lower Upper  
152 100  
150 147.9 129.2 193.8  
115 61.3 63.0 94.6#



#5  
2-Fluorophenol  
Concen: 64.999 ng  
RT: 5.449 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

Tgt Ion:112 Resp: 139789  
Ion Ratio Lower Upper  
112 100  
64 65.0 53.7 80.5  
63 39.2 30.2 45.4

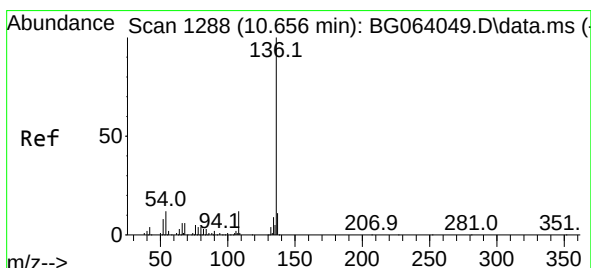
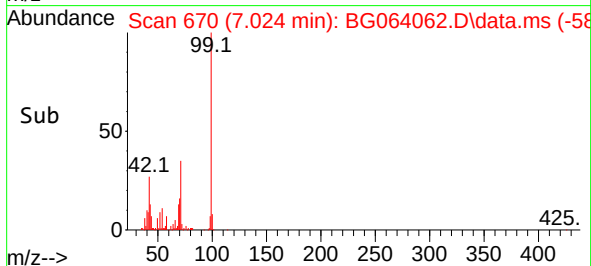
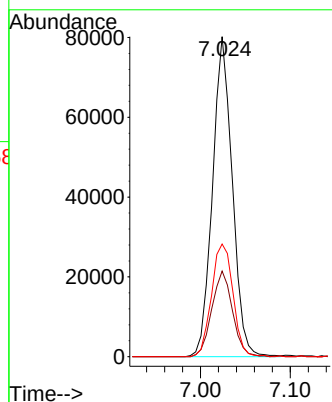
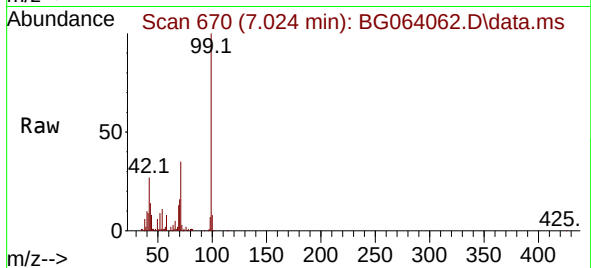




#7  
Phenol-d6  
Concen: 41.959 ng  
RT: 7.024 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

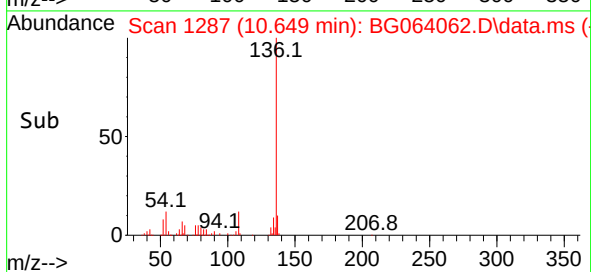
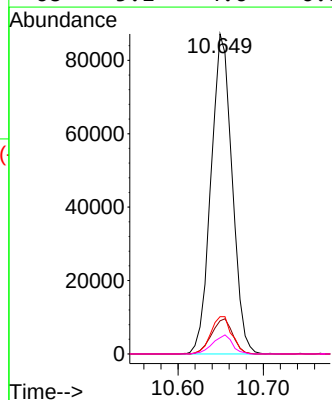
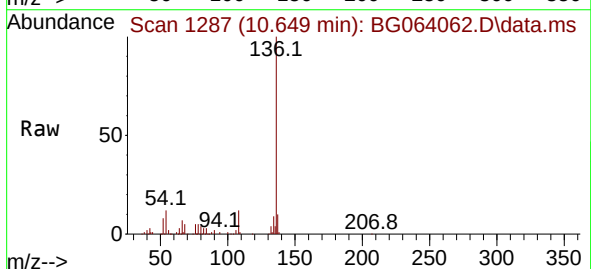
Instrument :  
BNA\_G  
ClientSampleId :  
PURGE-WATER

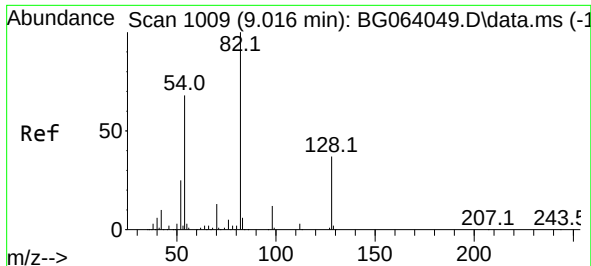
Tgt Ion: 99 Resp: 122759  
Ion Ratio Lower Upper  
99 100  
42 26.8 22.7 34.1  
71 35.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.649 min Scan# 1287  
Delta R.T. -0.007 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

Tgt Ion: 136 Resp: 149800  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 11.7 9.9 14.9  
68 5.1 4.6 6.8

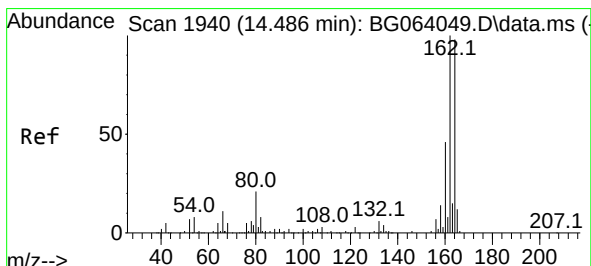
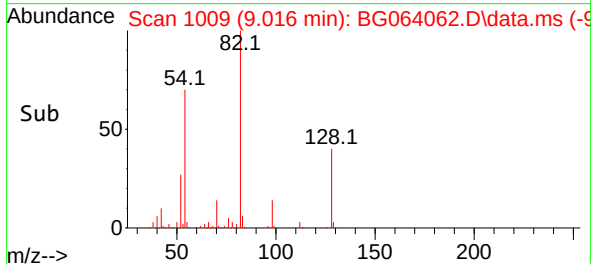
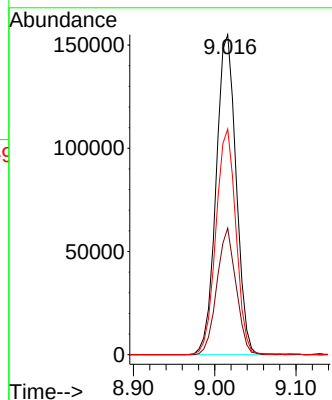
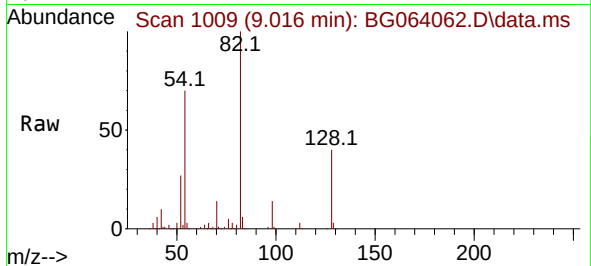




#23  
Nitrobenzene-d5  
Concen: 97.813 ng  
RT: 9.016 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

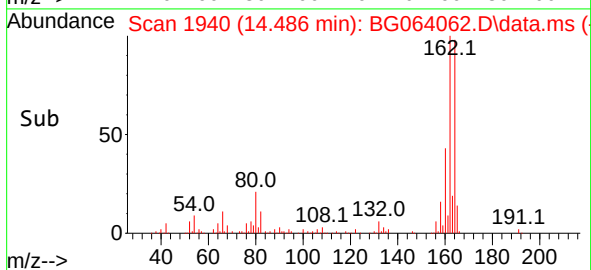
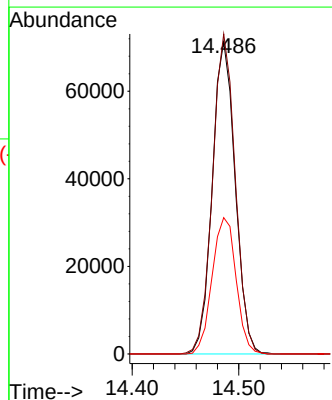
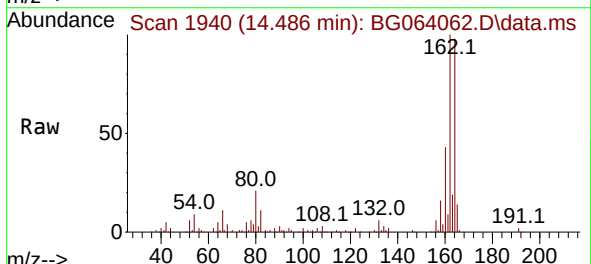
Instrument :  
BNA\_G  
ClientSampleId :  
PURGE-WATER

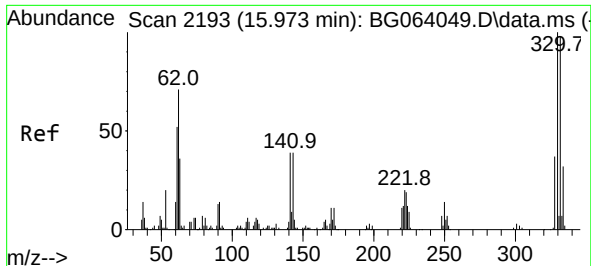
Tgt Ion: 82 Resp: 265143  
Ion Ratio Lower Upper  
82 100  
128 39.6 30.0 45.0  
54 70.5 54.7 82.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.486 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

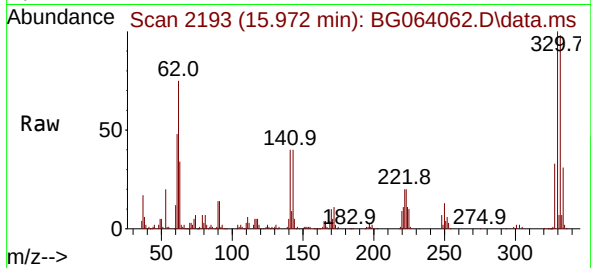
Tgt Ion:164 Resp: 106204  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.4 122.0  
160 43.7 37.0 55.6



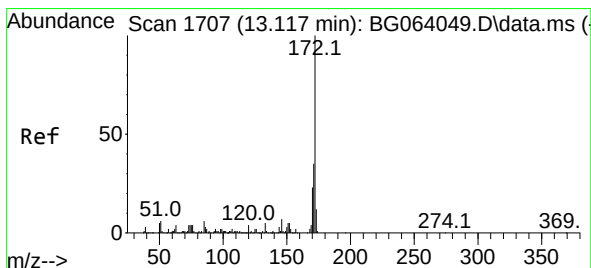
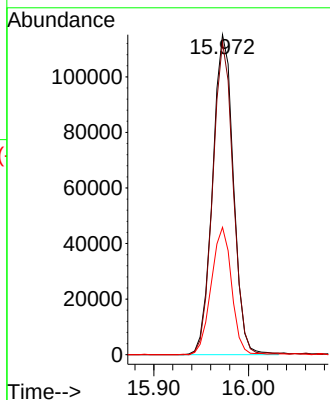
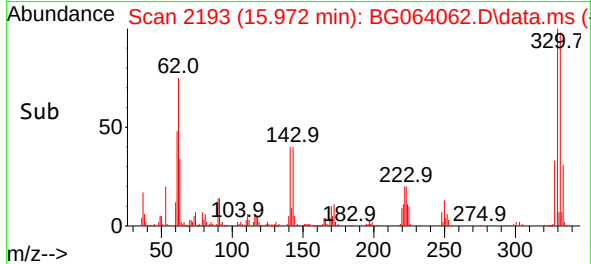


#42  
2,4,6-Tribromophenol  
Concen: 148.945 ng  
RT: 15.972 min Scan# 2193  
Delta R.T. -0.000 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00

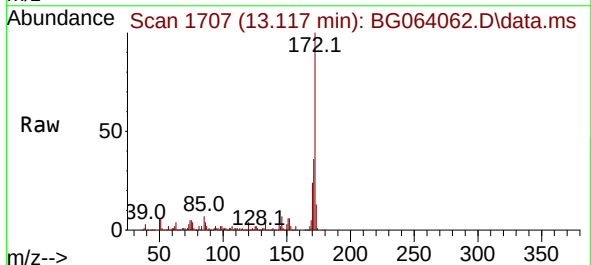
Instrument :  
BNA\_G  
ClientSampleId :  
PURGE-WATER



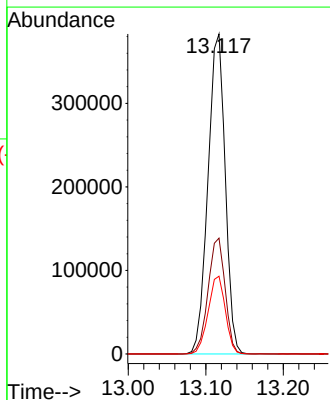
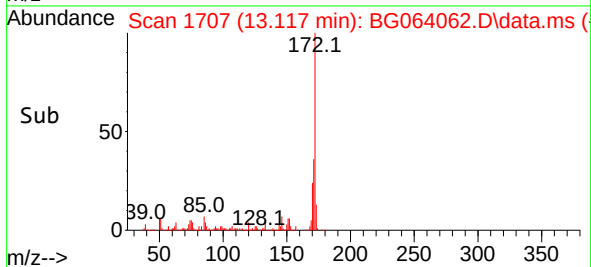
Tgt Ion:330 Resp: 175834  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.7 115.1  
141 38.9 29.7 44.5

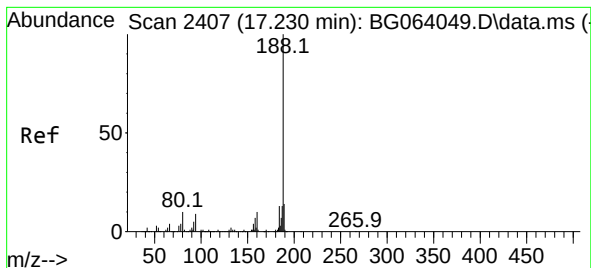


#45  
2-Fluorobiphenyl  
Concen: 84.658 ng  
RT: 13.117 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: BG064062.D  
Acq: 7 Mar 2025 17:00



Tgt Ion:172 Resp: 592339  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.0 42.0  
170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

Instrument :

BNA\_G

ClientSampleId :

PURGE-WATER

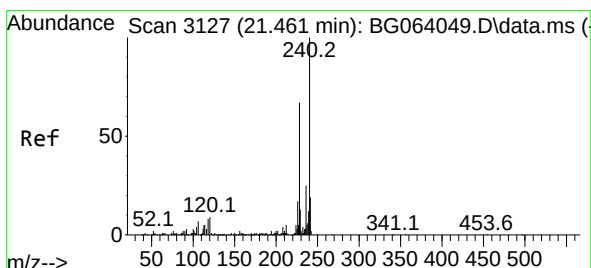
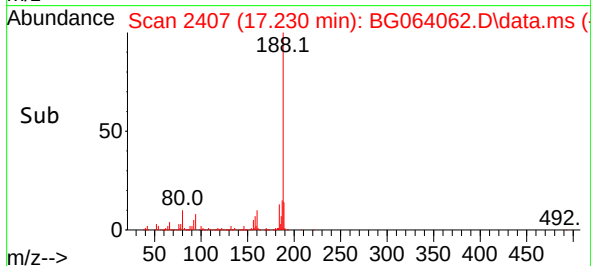
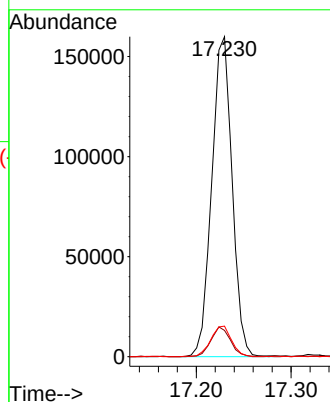
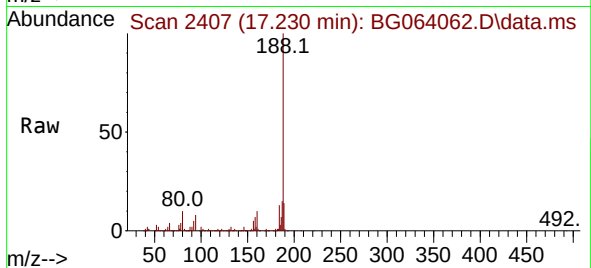
Tgt Ion:188 Resp: 238389

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.460 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG064062.D

Acq: 7 Mar 2025 17:00

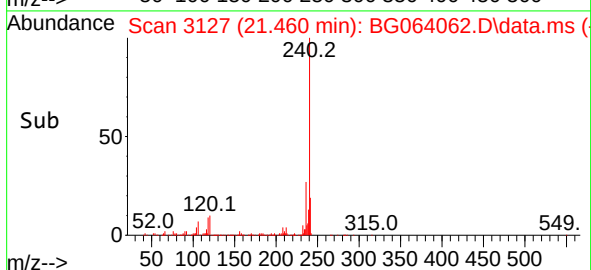
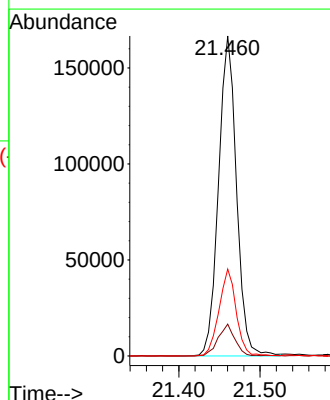
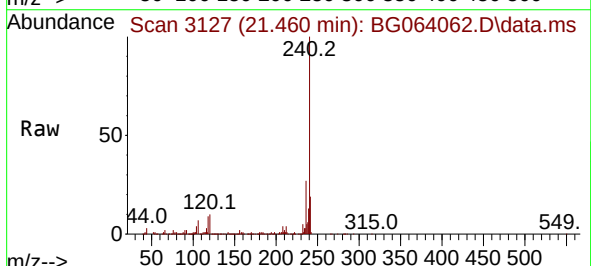
Tgt Ion:240 Resp: 256559

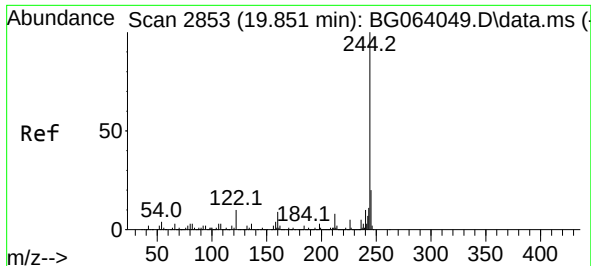
Ion Ratio Lower Upper

240 100

120 9.9 7.2 10.8

236 27.1 20.2 30.2

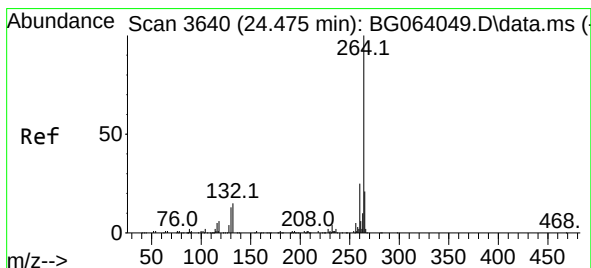
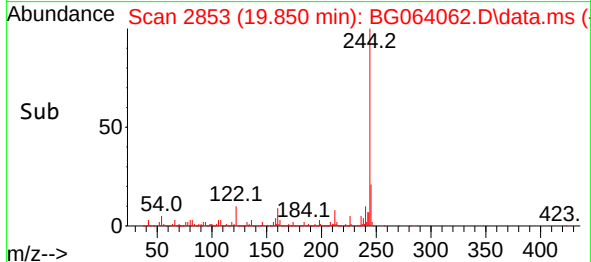
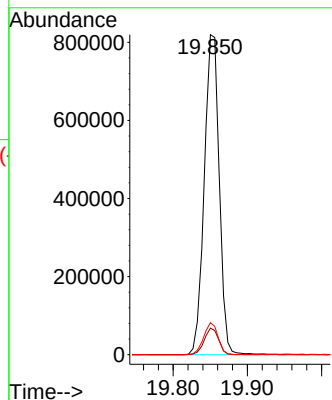
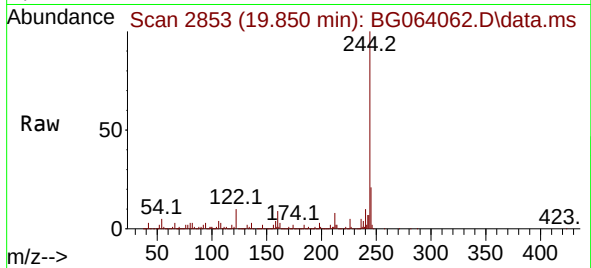




#79  
 Terphenyl-d14  
 Concen: 90.953 ng  
 RT: 19.850 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG064062.D  
 Acq: 7 Mar 2025 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PURGE-WATER

Tgt Ion:244 Resp: 1154050  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.2 9.4  
 122 10.0 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.480 min Scan# 3641  
 Delta R.T. 0.005 min  
 Lab File: BG064062.D  
 Acq: 7 Mar 2025 17:00

Tgt Ion:264 Resp: 269616  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.6 29.4  
 265 20.1 16.6 25.0

