

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG103025\  
 Data File : BG064648.D  
 Acq On : 30 Oct 2025 19:51  
 Operator : RC/JU  
 Sample : Q3480-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT3449

Quant Time: Oct 31 01:49:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:40:26 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.219  | 152  | 28865    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.045 | 136  | 102446   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.841 | 164  | 73563    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.573 | 188  | 182662   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.850 | 240  | 257657   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.187 | 264  | 293878   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.751  | 112  | 193459   | 112.496 | ng    | 0.00     |
| 7) Phenol-d6                | 7.349  | 99   | 246823   | 104.596 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.382  | 82   | 184547   | 108.197 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.315 | 330  | 166614   | 156.926 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.466 | 172  | 448386   | 92.389  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.164 | 244  | 1080594  | 79.146  | ng    | -0.01    |

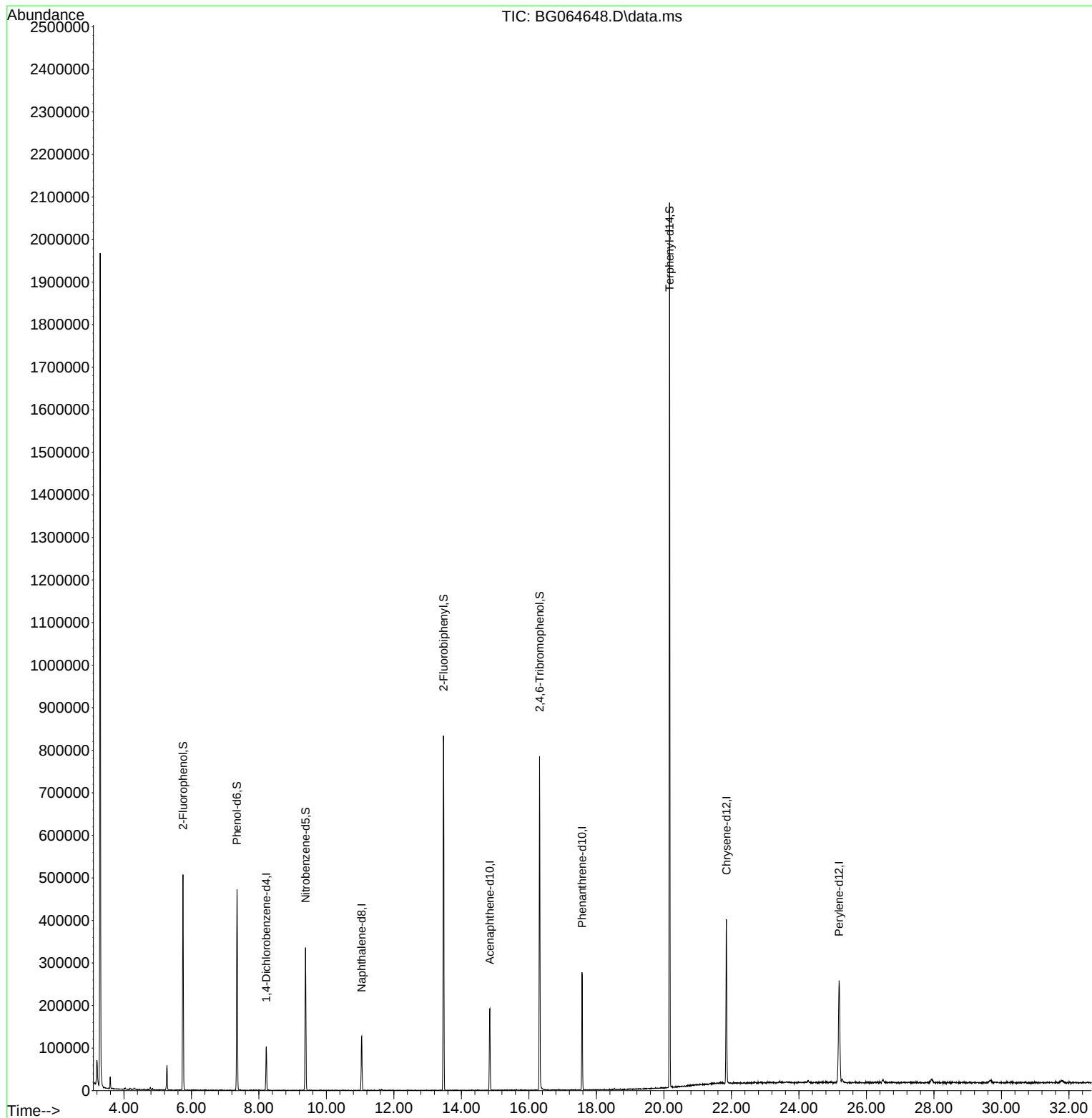
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

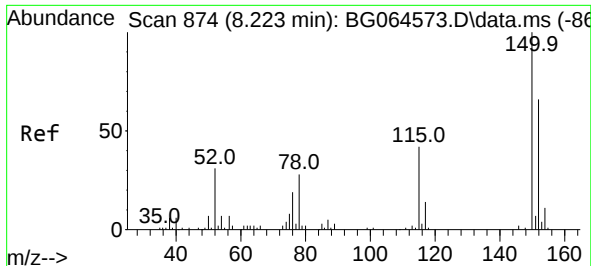
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG103025\  
Data File : BG064648.D  
Acq On : 30 Oct 2025 19:51  
Operator : RC/JU  
Sample : Q3480-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

Quant Time: Oct 31 01:49:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 16:40:26 2025  
Response via : Initial Calibration

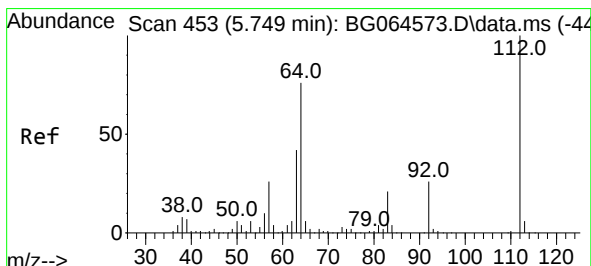
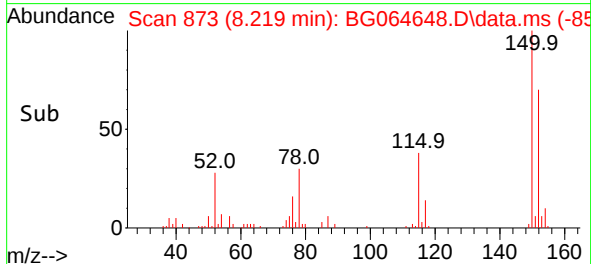
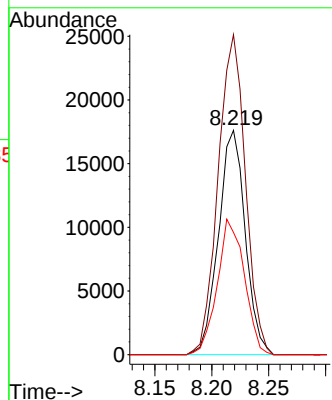
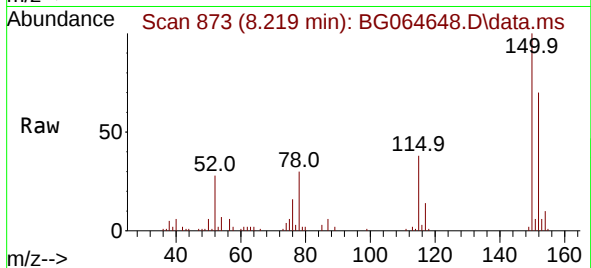




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.219 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

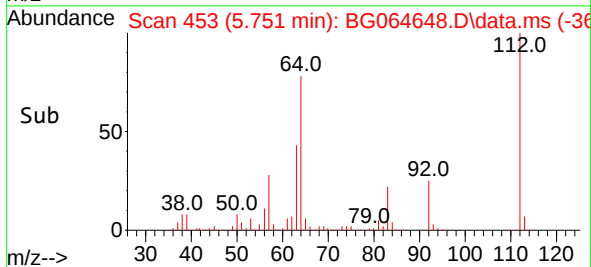
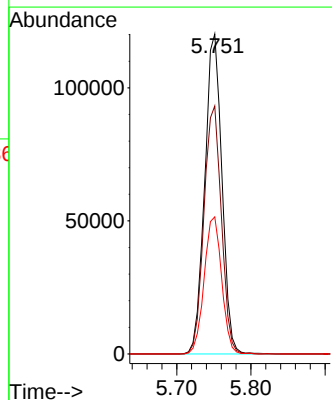
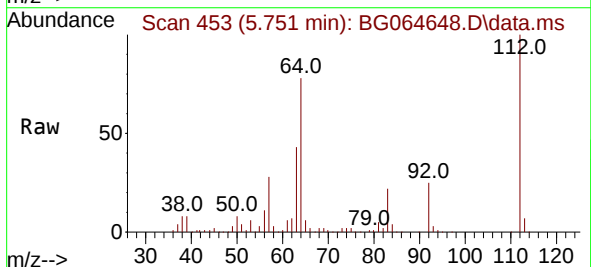
Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

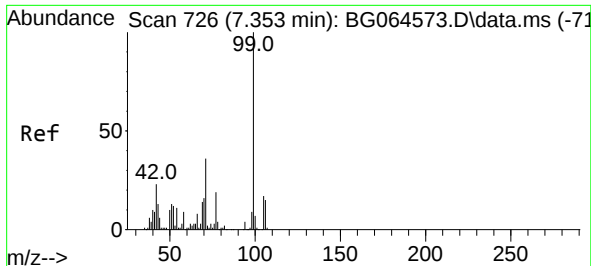
Tgt Ion:152 Resp: 28865  
Ion Ratio Lower Upper  
152 100  
150 142.6 122.2 183.4  
115 54.5 50.8 76.2



#5  
2-Fluorophenol  
Concen: 112.496 ng  
RT: 5.751 min Scan# 453  
Delta R.T. 0.004 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

Tgt Ion:112 Resp: 193459  
Ion Ratio Lower Upper  
112 100  
64 77.5 60.7 91.1  
63 42.9 33.4 50.0

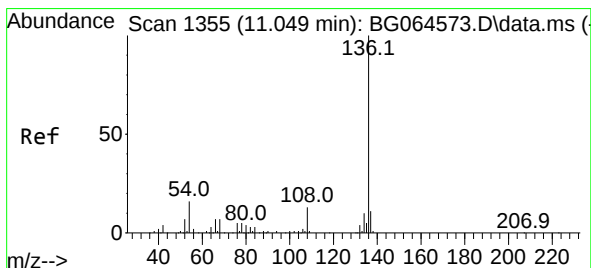
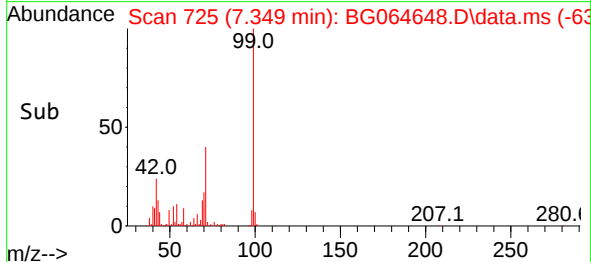
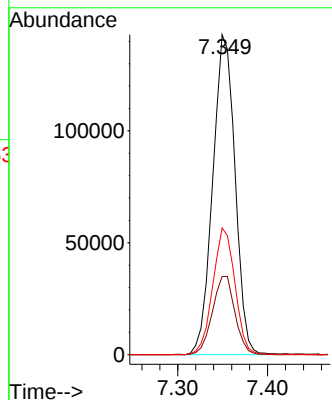
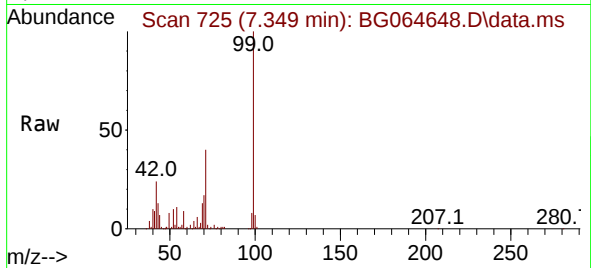




#7  
Phenol-d6  
Concen: 104.596 ng  
RT: 7.349 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

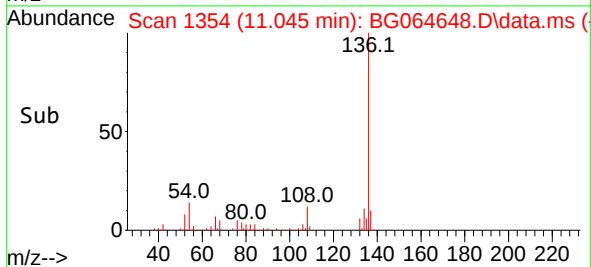
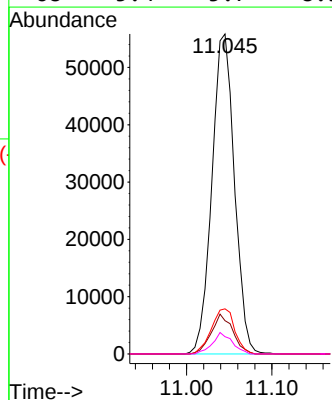
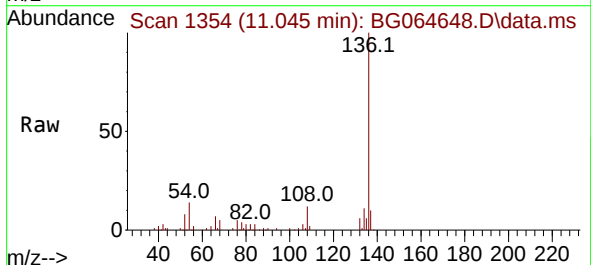
Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

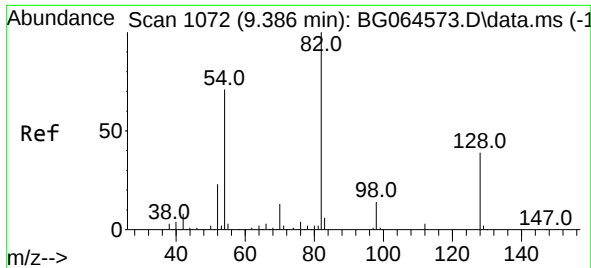
Tgt Ion: 99 Resp: 246823  
Ion Ratio Lower Upper  
99 100  
42 24.5 18.3 27.5  
71 39.6 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.045 min Scan# 1354  
Delta R.T. -0.007 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

Tgt Ion:136 Resp: 102446  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.2 13.8  
54 14.1 12.6 19.0  
68 5.4 5.7 8.5#

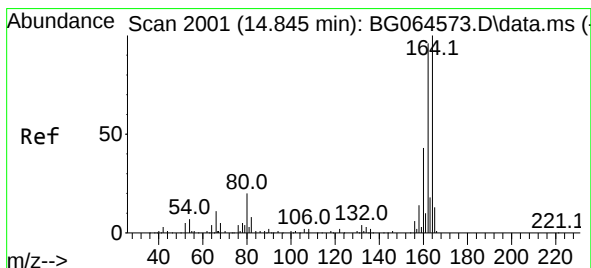
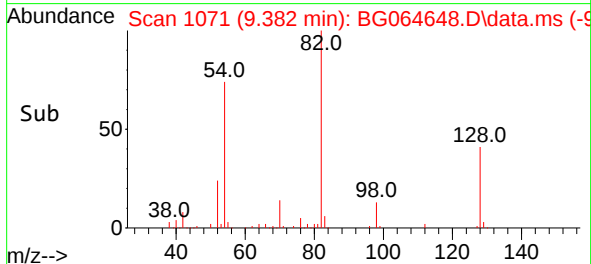
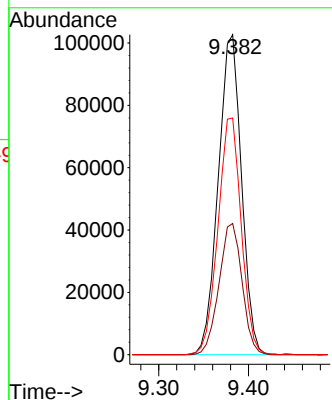
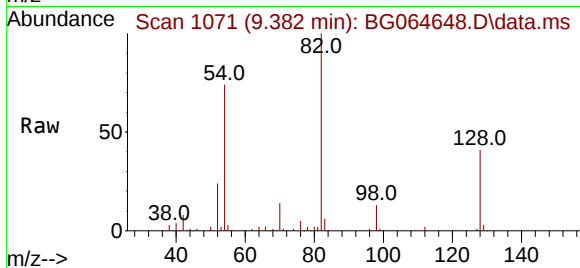




#23  
Nitrobenzene-d5  
Concen: 108.197 ng  
RT: 9.382 min Scan# 1072  
Delta R.T. -0.008 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

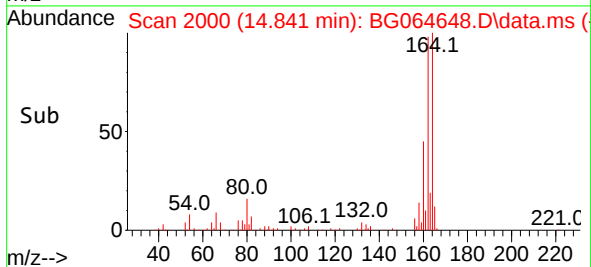
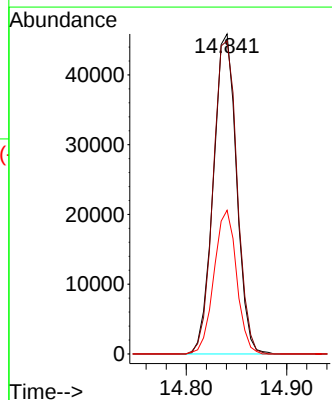
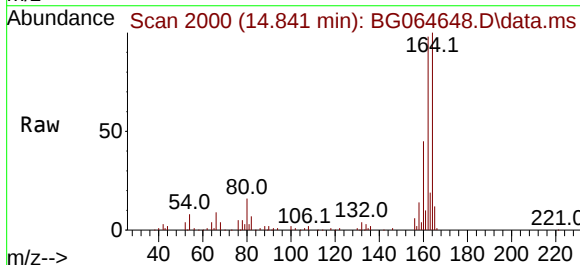
Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

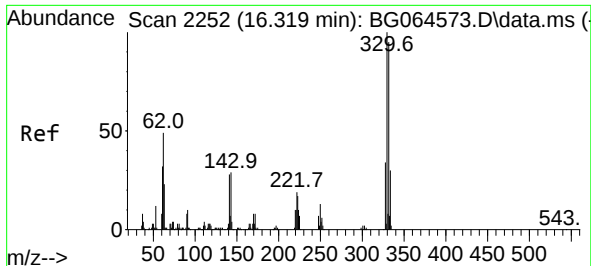
Tgt Ion: 82 Resp: 184547  
Ion Ratio Lower Upper  
82 100  
128 41.0 31.3 46.9  
54 74.0 56.6 84.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.841 min Scan# 2000  
Delta R.T. -0.002 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

Tgt Ion:164 Resp: 73563  
Ion Ratio Lower Upper  
164 100  
162 97.8 77.0 115.6  
160 44.9 34.4 51.6

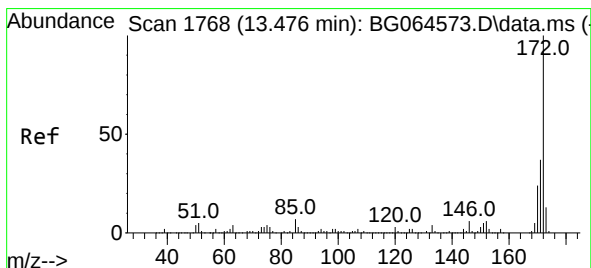
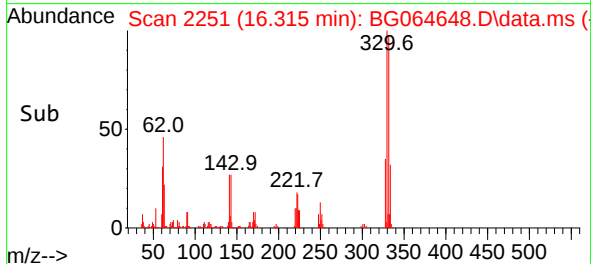
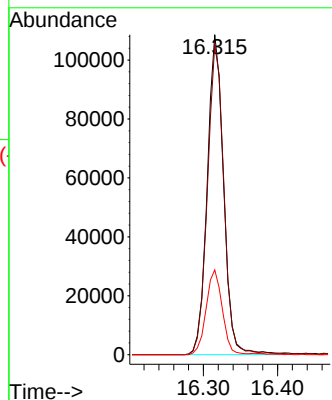
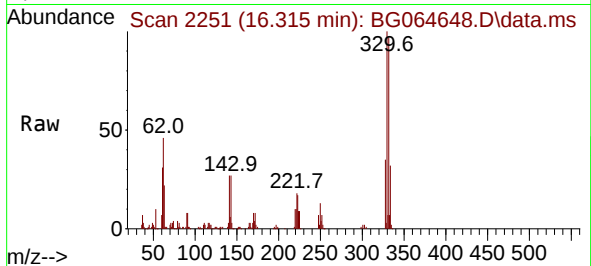




#42  
2,4,6-Tribromophenol  
Concen: 156.926 ng  
RT: 16.315 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

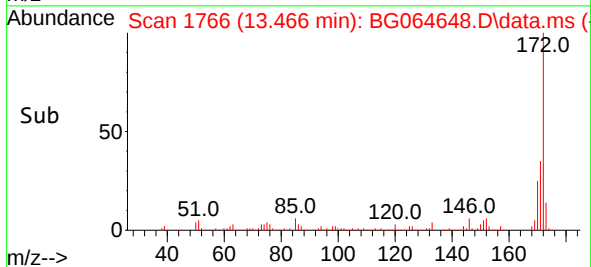
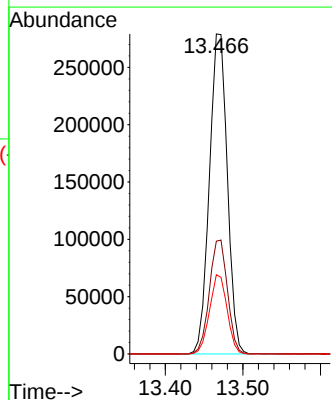
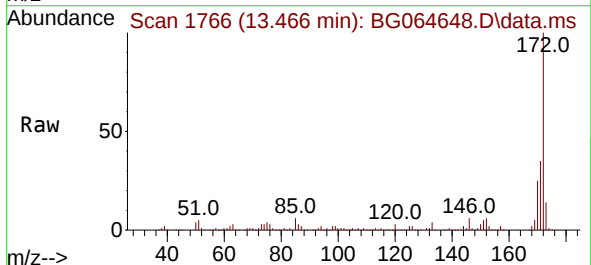
Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

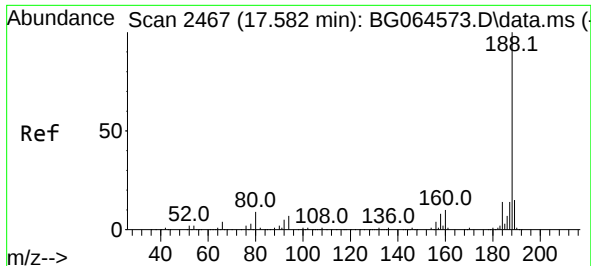
Tgt Ion:330 Resp: 166614  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.0 117.0  
141 26.1 21.8 32.6



#45  
2-Fluorobiphenyl  
Concen: 92.389 ng  
RT: 13.466 min Scan# 1766  
Delta R.T. -0.013 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

Tgt Ion:172 Resp: 448386  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.4 44.0  
170 24.7 19.1 28.7

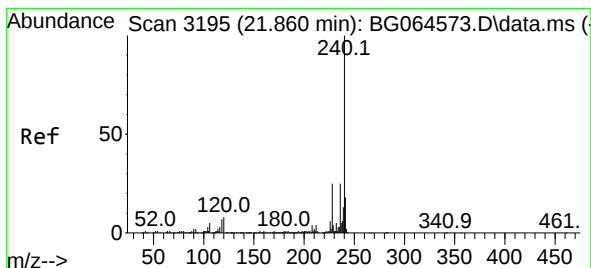
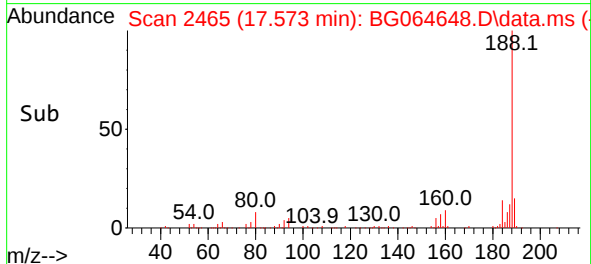
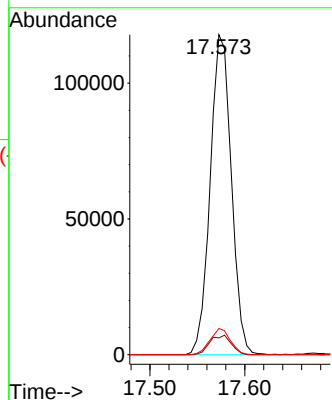
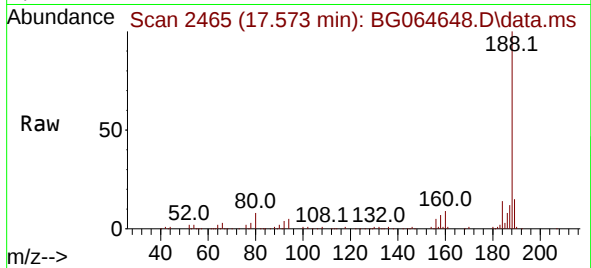




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.573 min Scan# 2465  
Delta R.T. -0.007 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

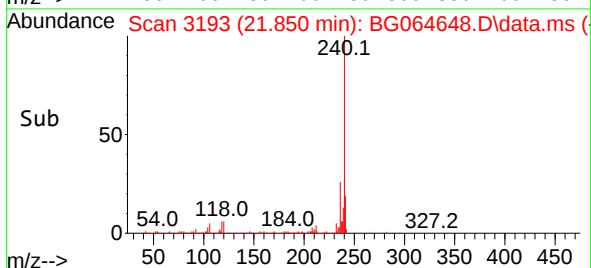
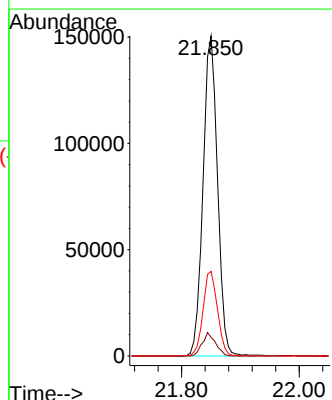
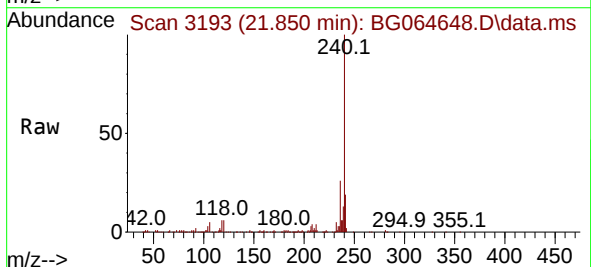
Instrument :  
BNA\_G  
ClientSampleId :  
RT3449

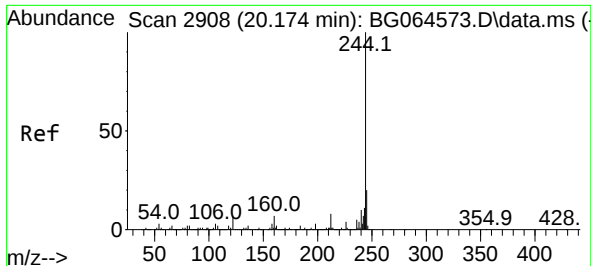
Tgt Ion:188 Resp: 182662  
Ion Ratio Lower Upper  
188 100  
94 5.3 5.7 8.5#  
80 8.2 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.850 min Scan# 3193  
Delta R.T. -0.013 min  
Lab File: BG064648.D  
Acq: 30 Oct 2025 19:51

Tgt Ion:240 Resp: 257657  
Ion Ratio Lower Upper  
240 100  
120 5.8 6.5 9.7#  
236 26.5 20.2 30.2

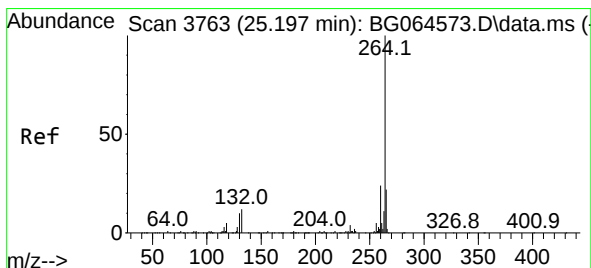
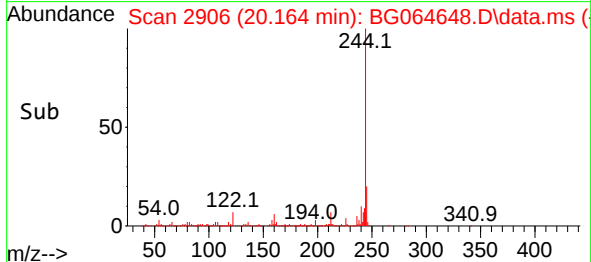
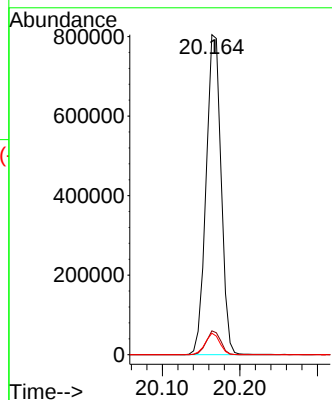
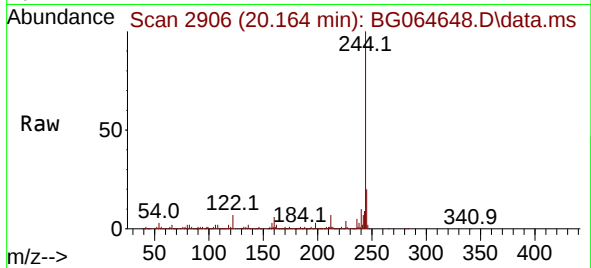




#79  
 Terphenyl-d14  
 Concen: 79.146 ng  
 RT: 20.164 min Scan# 2906  
 Delta R.T. -0.013 min  
 Lab File: BG064648.D  
 Acq: 30 Oct 2025 19:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT3449

Tgt Ion:244 Resp: 1080594  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 6.7 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.187 min Scan# 3761  
 Delta R.T. -0.013 min  
 Lab File: BG064648.D  
 Acq: 30 Oct 2025 19:51

Tgt Ion:264 Resp: 293878  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.0 28.4  
 265 21.3 17.6 26.4

