

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111425\  
 Data File : BG064778.D  
 Acq On : 14 Nov 2025 13:58  
 Operator : RC/JU  
 Sample : Q3633-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-368

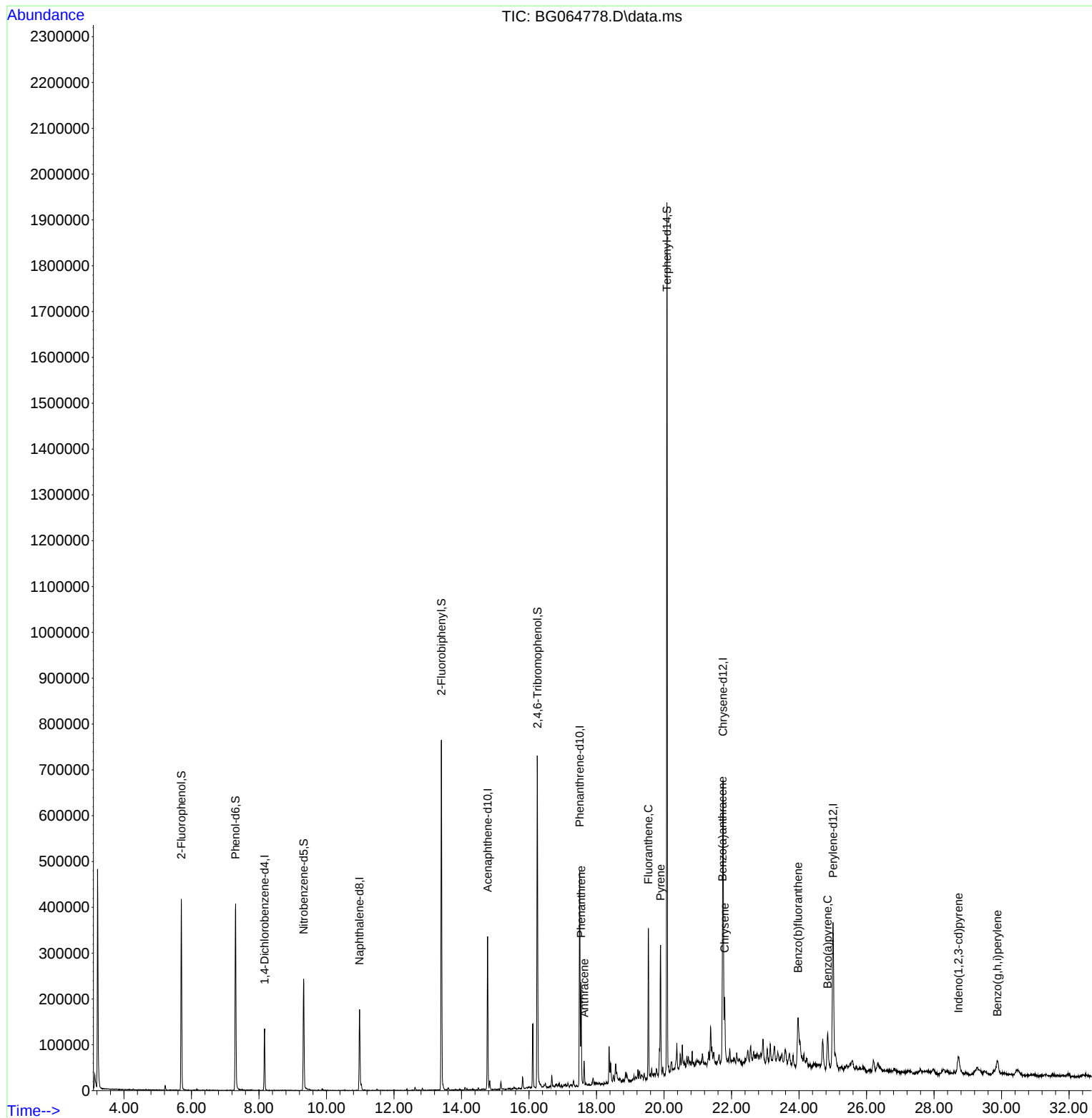
Quant Time: Nov 14 14:39:01 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

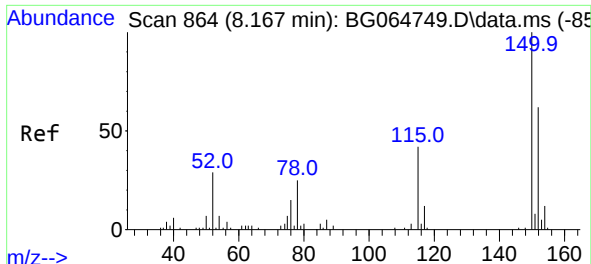
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.164  | 152  | 38891    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.978 | 136  | 161077   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.774 | 164  | 130907   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.500 | 188  | 319338   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.748 | 240  | 381327   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.009 | 264  | 389130   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.702  | 112  | 176169   | 79.100 | ng    | 0.00     |
| 7) Phenol-d6                | 7.306  | 99   | 238594   | 80.546 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.321  | 82   | 150551   | 46.212 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.248 | 330  | 179911   | 70.468 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.405 | 172  | 438350   | 46.724 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.085 | 244  | 1035139  | 53.398 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.541 | 178  | 148406   | 8.494  | ng    | 99       |
| 72) Anthracene              | 17.635 | 178  | 40908    | 2.296  | ng    | 98       |
| 75) Fluoranthene            | 19.539 | 202  | 224440   | 9.394  | ng    | 99       |
| 78) Pyrene                  | 19.897 | 202  | 198788   | 9.301  | ng    | 100      |
| 81) Benzo(a)anthracene      | 21.730 | 228  | 112442   | 4.337  | ng    | 97       |
| 83) Chrysene                | 21.795 | 228  | 105668   | 4.323  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 28.722 | 276  | 69222    | 2.589  | ng    | # 73     |
| 88) Benzo(b)fluoranthene    | 23.969 | 252  | 148813   | 6.009  | ng    | 98       |
| 90) Benzo(a)pyrene          | 24.8   |      |          |        |       |          |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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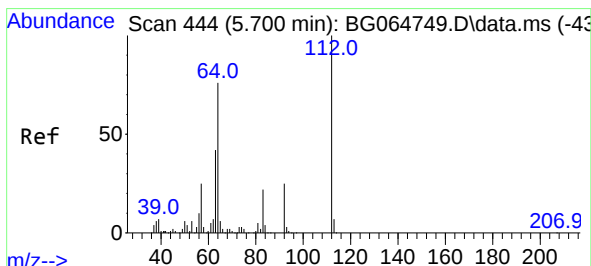
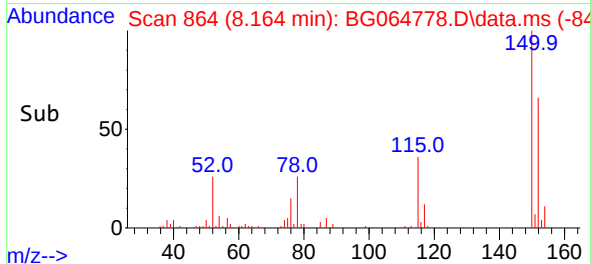
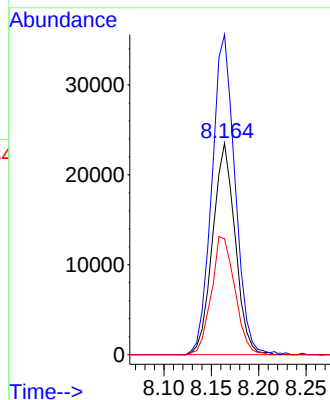
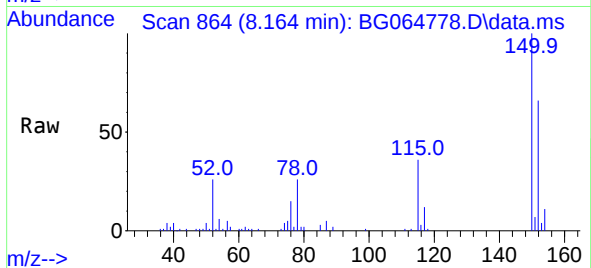




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.164 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

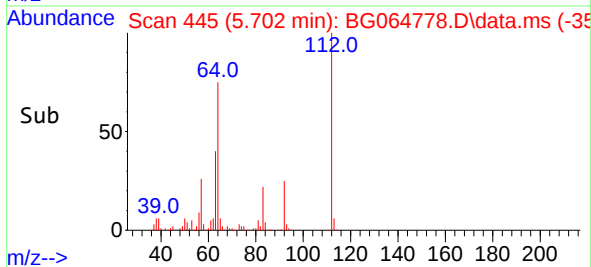
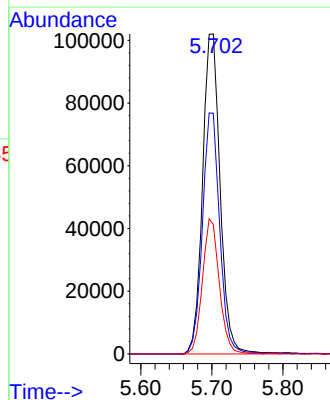
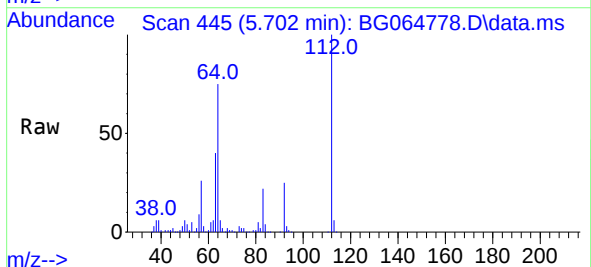
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ClientSampleId :  
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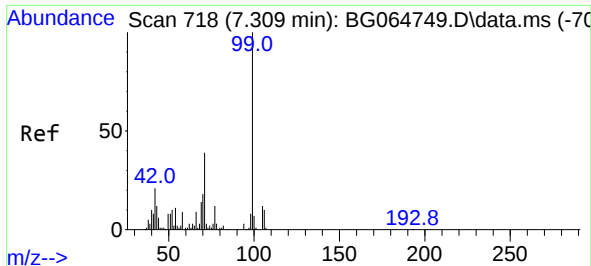
Tgt Ion:152 Resp: 38891  
Ion Ratio Lower Upper  
152 100  
150 151.3 129.2 193.8  
115 54.8 53.7 80.5



#5  
2-Fluorophenol  
Concen: 79.100 ng  
RT: 5.702 min Scan# 445  
Delta R.T. 0.002 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:112 Resp: 176169  
Ion Ratio Lower Upper  
112 100  
64 75.3 61.0 91.4  
63 40.5 33.3 49.9

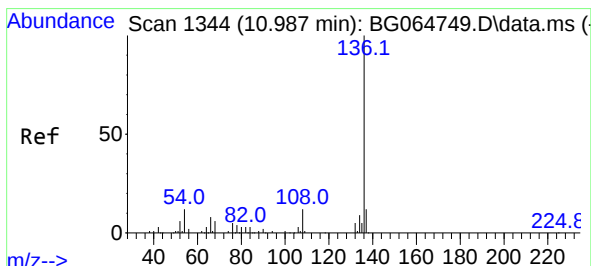
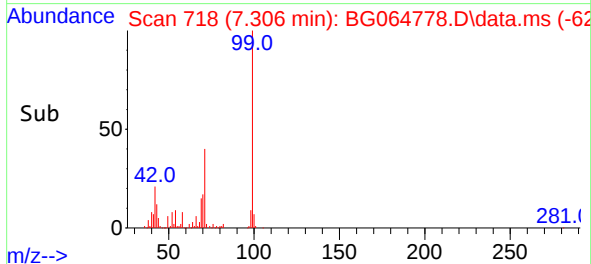
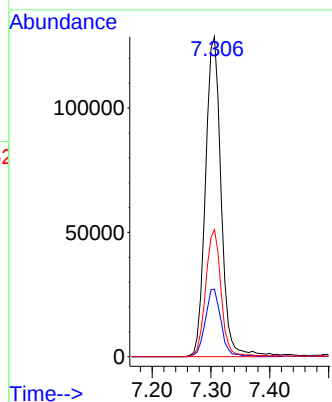
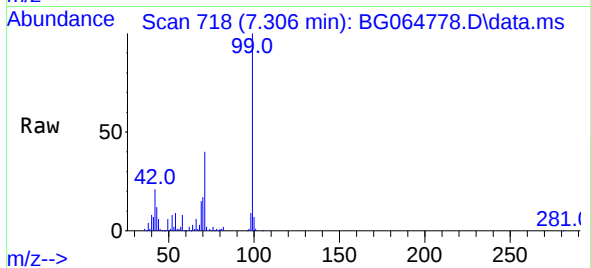




#7  
Phenol-d6  
Concen: 80.546 ng  
RT: 7.306 min Scan# 718  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

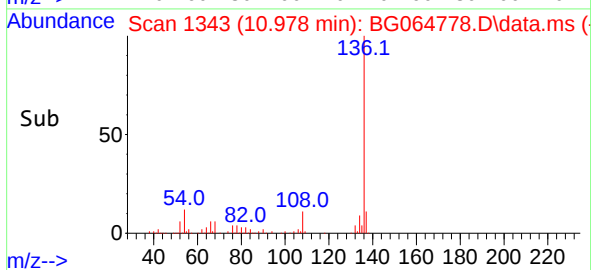
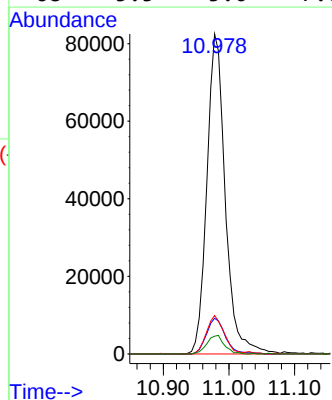
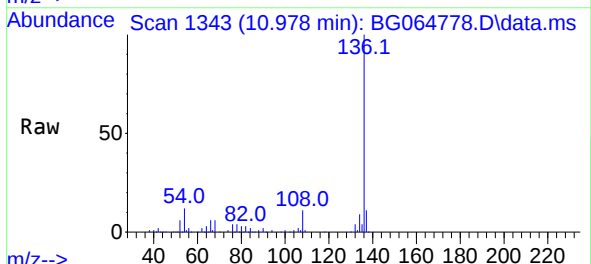
Instrument :  
BNA\_G  
ClientSampleId :  
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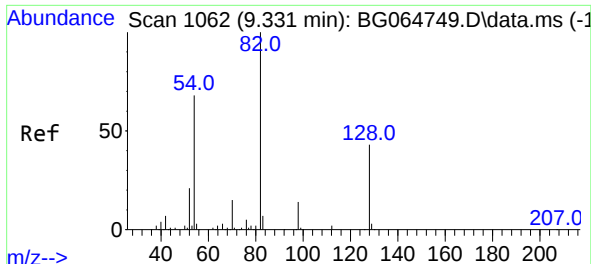
Tgt Ion: 99 Resp: 238594  
Ion Ratio Lower Upper  
99 100  
42 21.1 16.8 25.2  
71 39.8 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.978 min Scan# 1343  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion: 136 Resp: 161077  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.3 13.9  
54 12.0 9.3 13.9  
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 46.212 ng

RT: 9.321 min Scan# 1062

Delta R.T. -0.009 min

Lab File: BG064778.D

Acq: 14 Nov 2025 13:58

Instrument :

BNA\_G

ClientSampleId :

ETGI-368

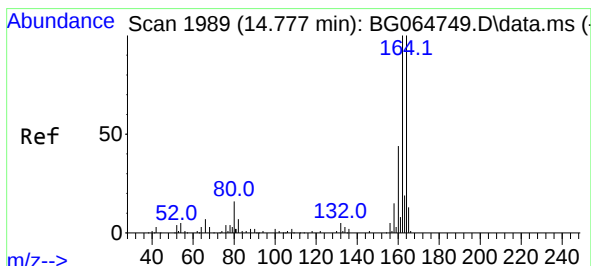
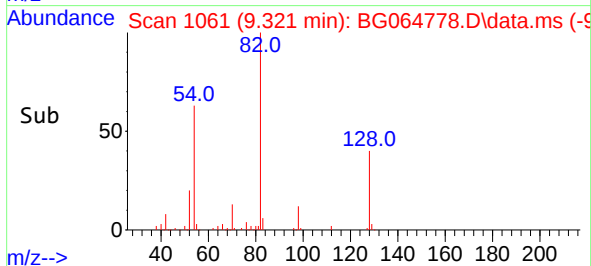
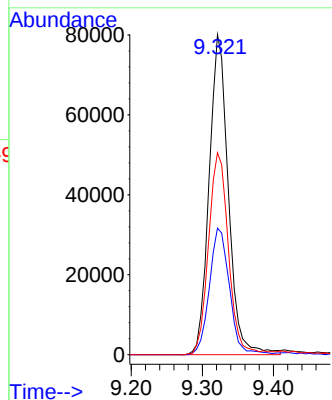
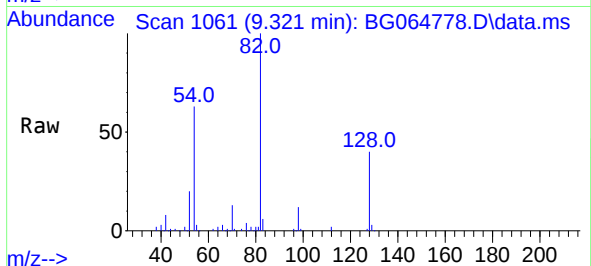
Tgt Ion: 82 Resp: 150551

Ion Ratio Lower Upper

82 100

128 39.6 34.1 51.1

54 63.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064778.D

Acq: 14 Nov 2025 13:58

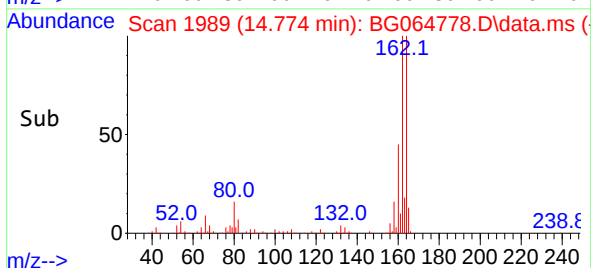
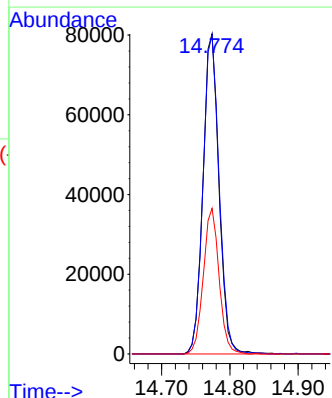
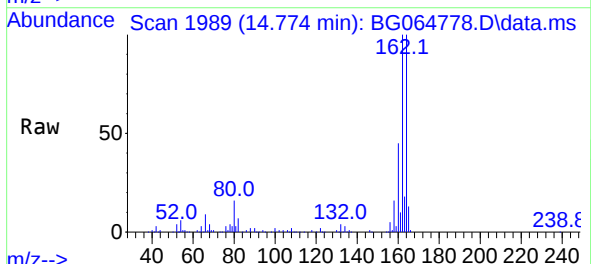
Tgt Ion:164 Resp: 130907

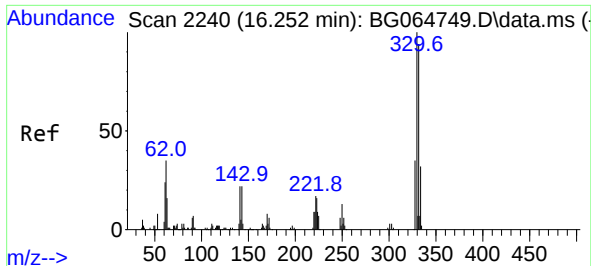
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

160 45.5 34.9 52.3

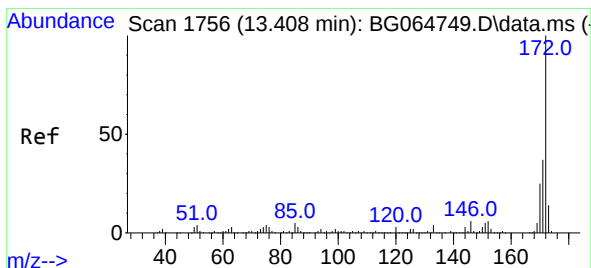
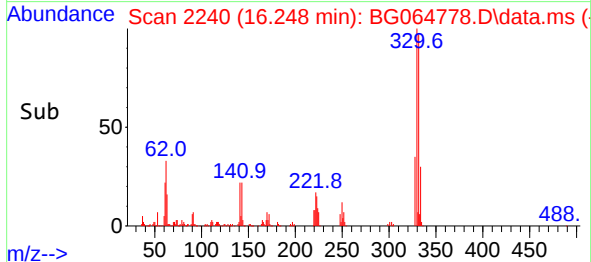
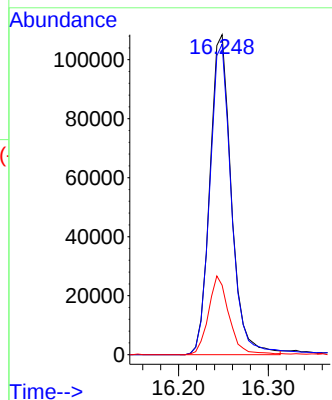
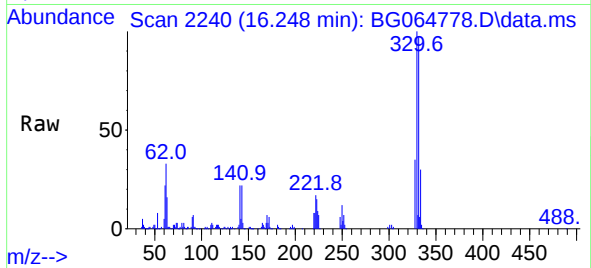




#42  
2,4,6-Tribromophenol  
Concen: 70.468 ng  
RT: 16.248 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

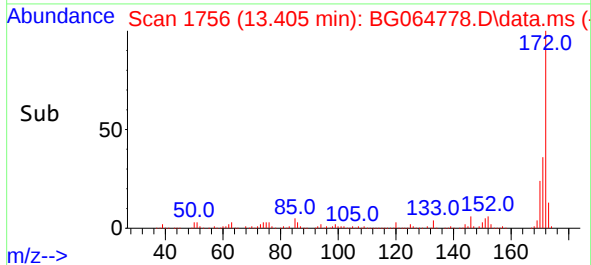
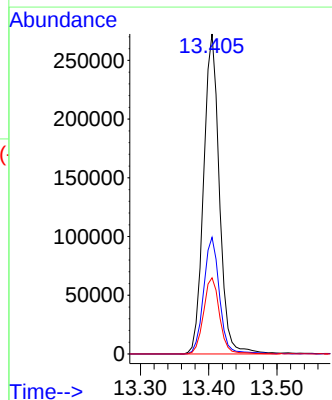
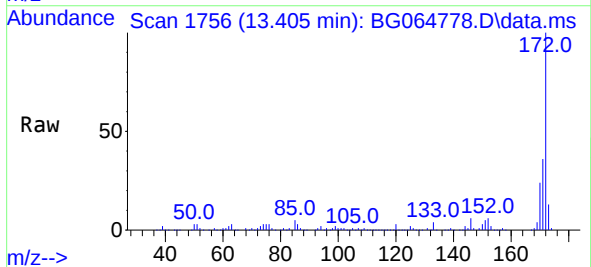
Instrument :  
BNA\_G  
ClientSampleId :  
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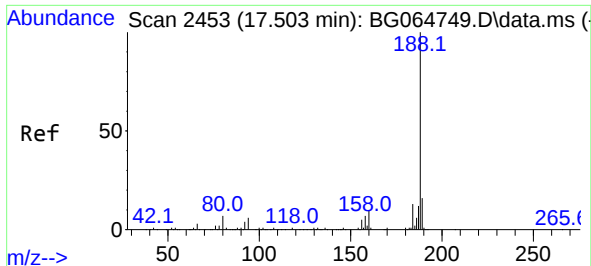
Tgt Ion:330 Resp: 179911  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.0 115.6  
141 24.0 18.2 27.2



#45  
2-Fluorobiphenyl  
Concen: 46.724 ng  
RT: 13.405 min Scan# 1756  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:172 Resp: 438350  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.9 44.9  
170 23.8 19.8 29.6

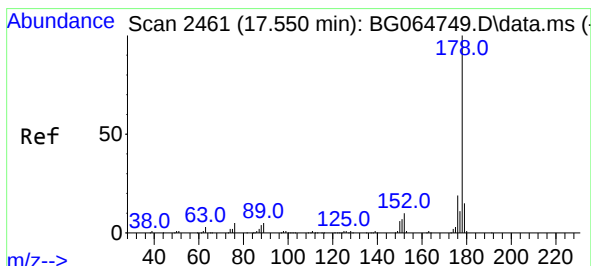
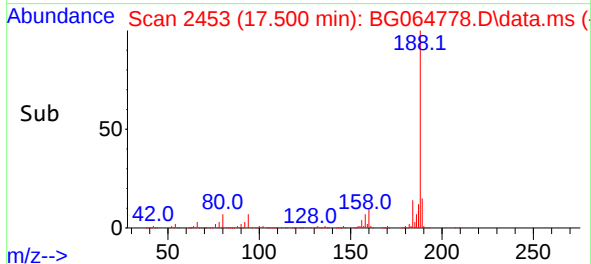
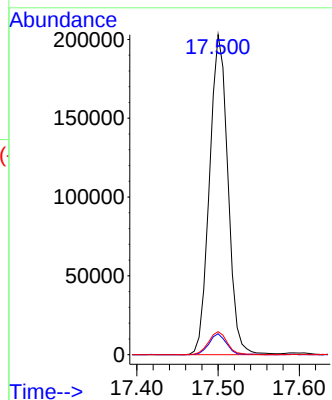
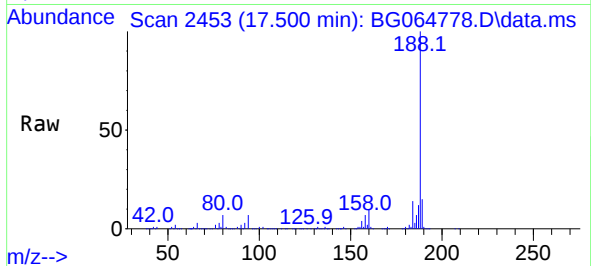




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.500 min Scan# 2453  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

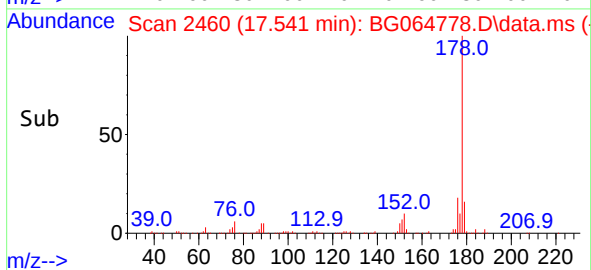
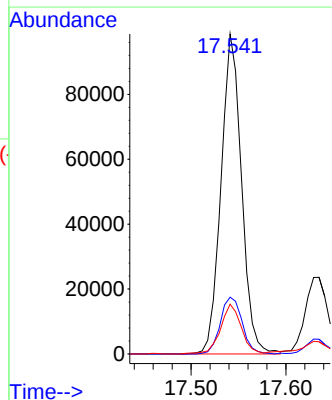
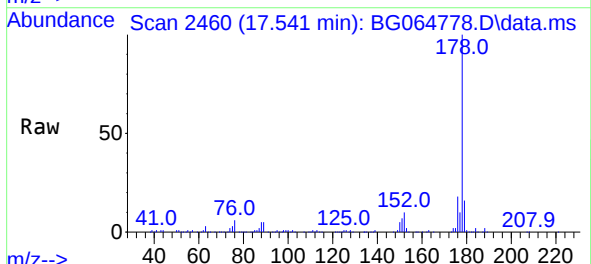
Instrument :  
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ETGI-368

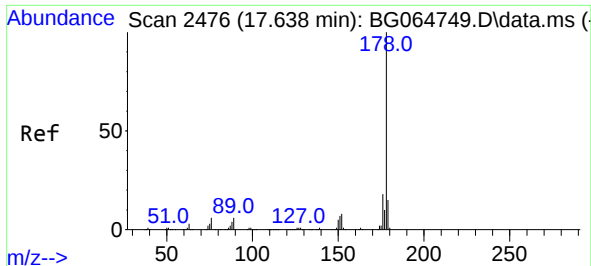
Tgt Ion:188 Resp: 319338  
Ion Ratio Lower Upper  
188 100  
94 6.6 4.7 7.1  
80 7.2 5.4 8.2



#71  
Phenanthrene  
Concen: 8.494 ng  
RT: 17.541 min Scan# 2460  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:178 Resp: 148406  
Ion Ratio Lower Upper  
178 100  
176 17.7 14.8 22.2  
179 15.5 12.2 18.4

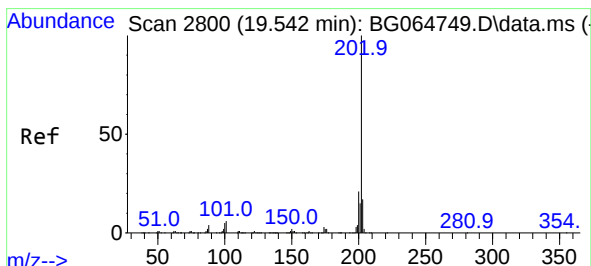
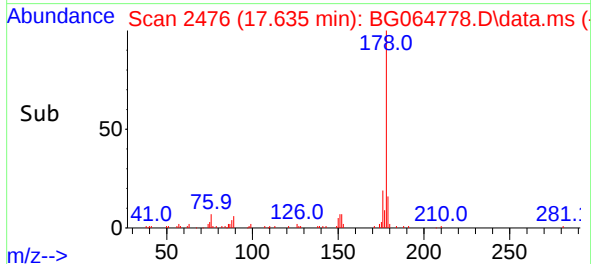
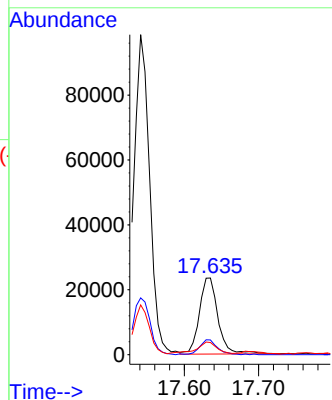
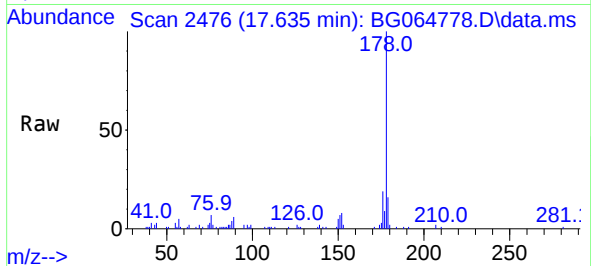




#72  
Anthracene  
Concen: 2.296 ng  
RT: 17.635 min Scan# 2476  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

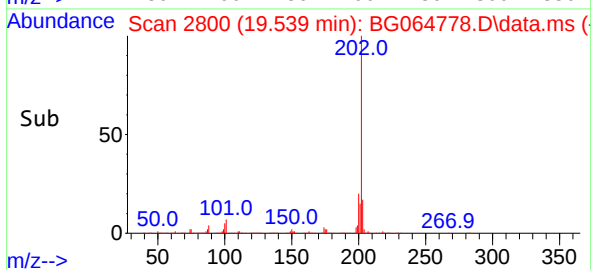
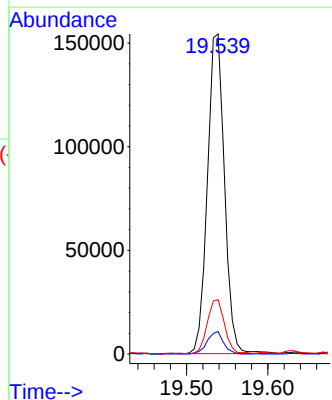
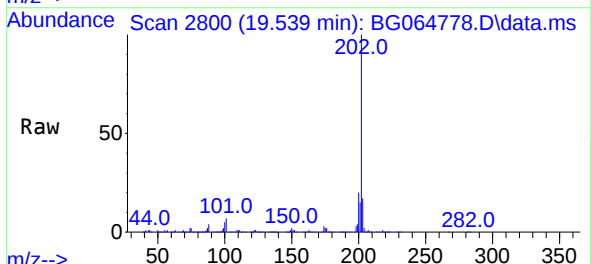
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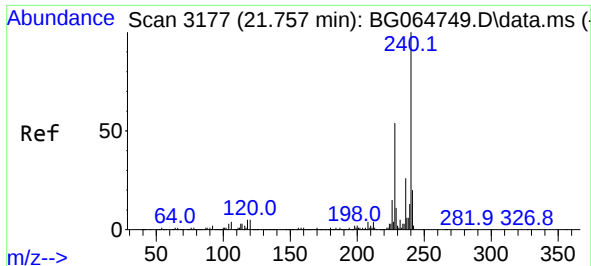
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Ion Ratio Lower Upper  
178 100  
176 19.2 14.5 21.7  
179 15.8 12.2 18.4



#75  
Fluoranthene  
Concen: 9.394 ng  
RT: 19.539 min Scan# 2800  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:202 Resp: 224440  
Ion Ratio Lower Upper  
202 100  
101 7.0 0.0 26.4  
203 16.9 0.0 37.5

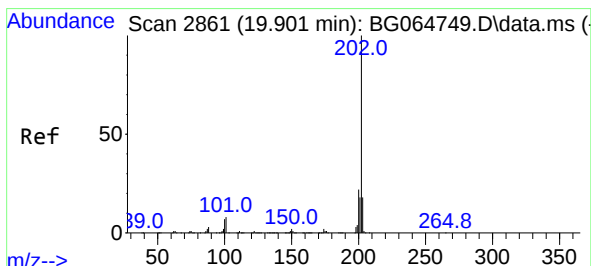
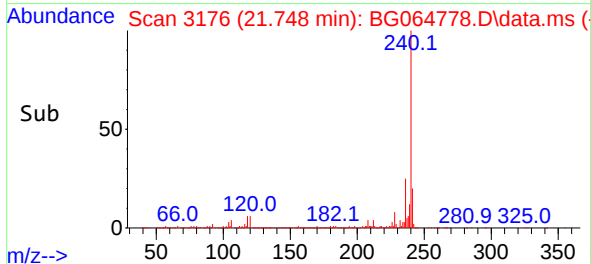
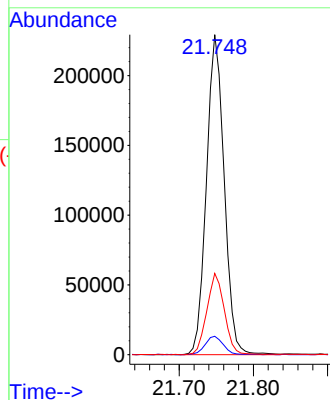
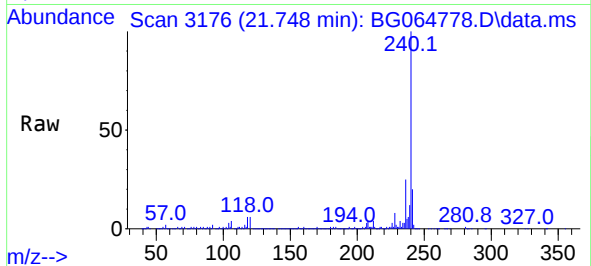




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.748 min Scan# 3177  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

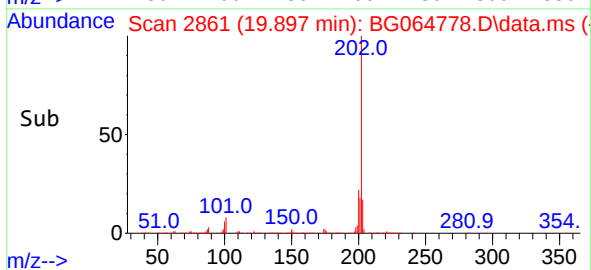
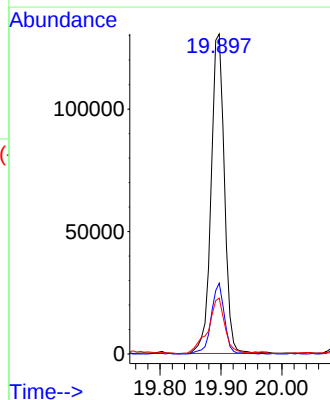
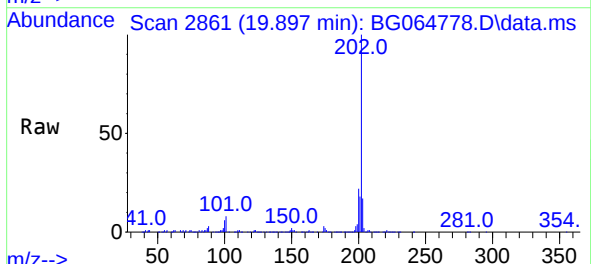
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-368

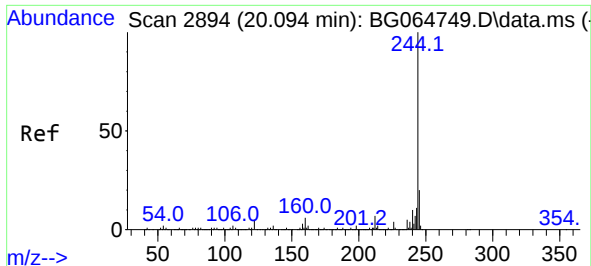
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Ion Ratio Lower Upper  
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120 5.8 4.2 6.4  
236 25.4 20.8 31.2



#78  
Pyrene  
Concen: 9.301 ng  
RT: 19.897 min Scan# 2861  
Delta R.T. -0.003 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:202 Resp: 198788  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.9 26.9  
203 17.4 14.0 21.0

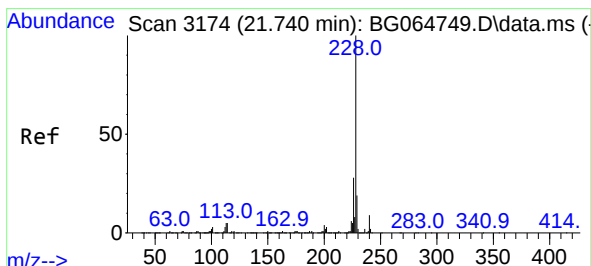
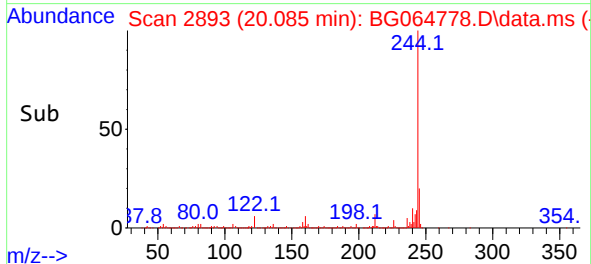
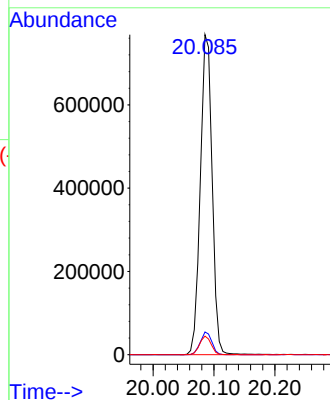
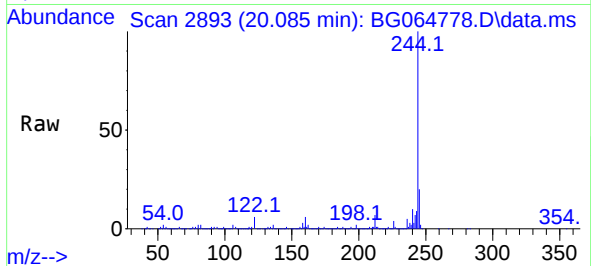




#79  
Terphenyl-d14  
Concen: 53.398 ng  
RT: 20.085 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

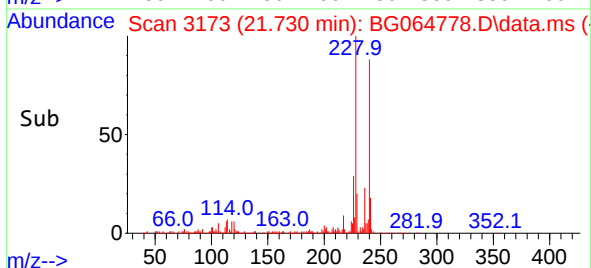
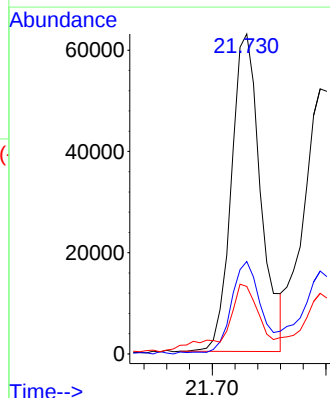
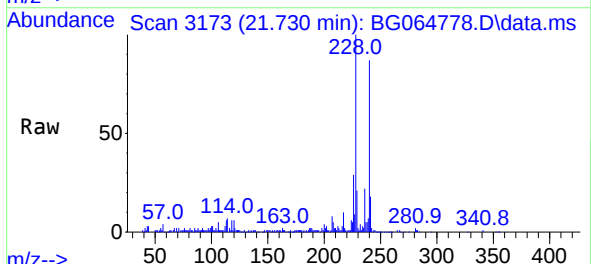
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-368

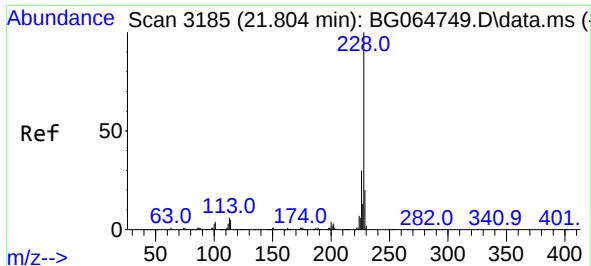
Tgt Ion:244 Resp: 1035139  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 5.8 4.3 6.5



#81  
Benzo(a)anthracene  
Concen: 4.337 ng  
RT: 21.730 min Scan# 3173  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:228 Resp: 112442  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.1 33.1  
229 21.1 15.5 23.3

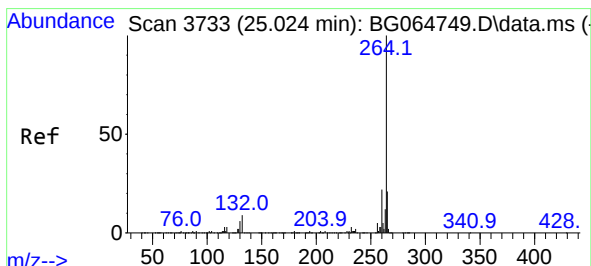
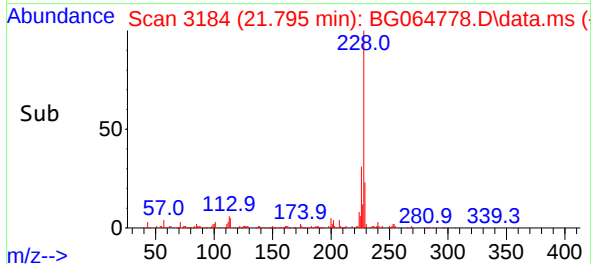
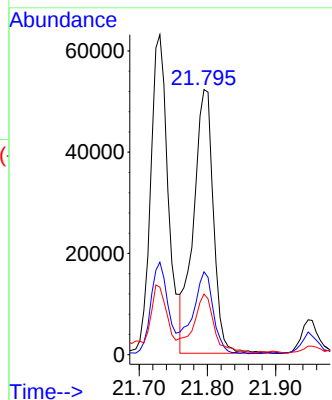
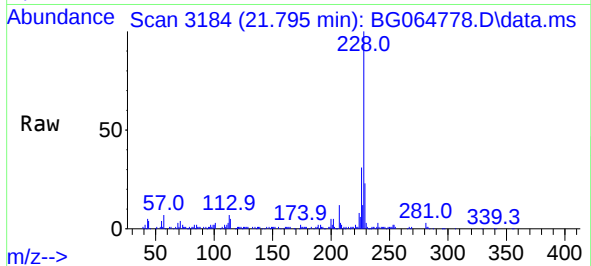




#83  
Chrysene  
Concen: 4.323 ng  
RT: 21.795 min Scan# 3185  
Delta R.T. -0.009 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

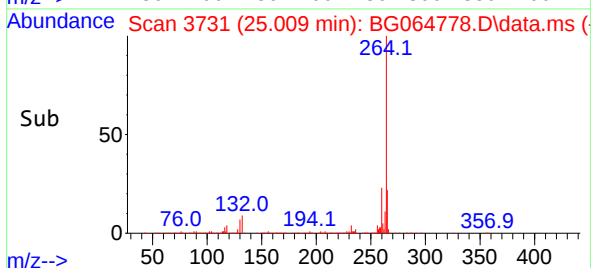
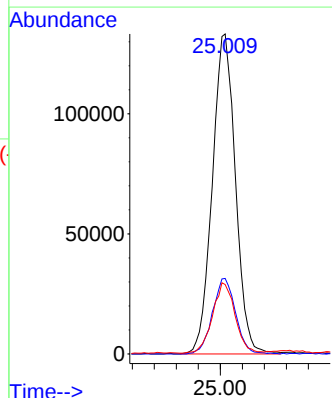
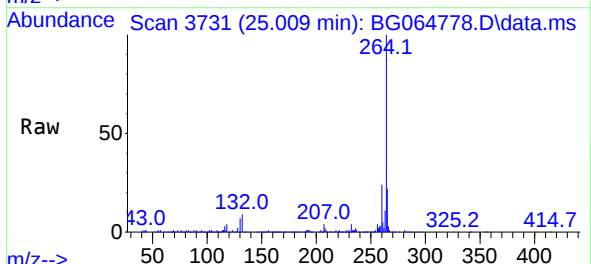
Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-368

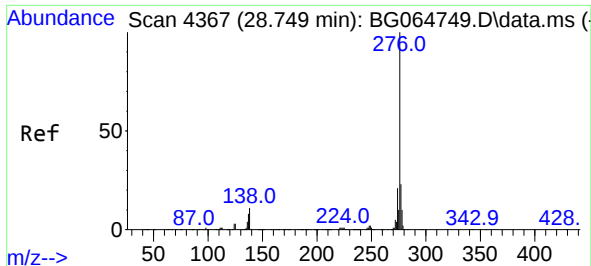
Tgt Ion:228 Resp: 105668  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.2 36.2  
229 22.9 16.0 24.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.009 min Scan# 3731  
Delta R.T. -0.015 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Tgt Ion:264 Resp: 389130  
Ion Ratio Lower Upper  
264 100  
260 23.6 17.2 25.8  
265 21.7 16.6 25.0

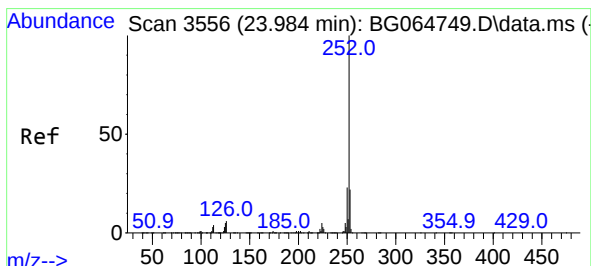
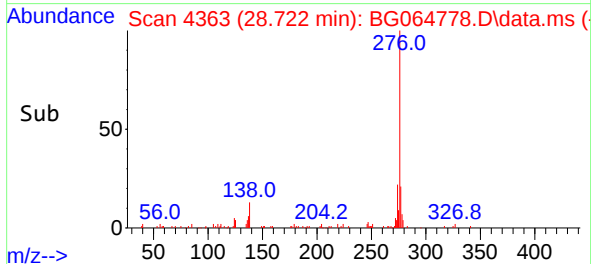
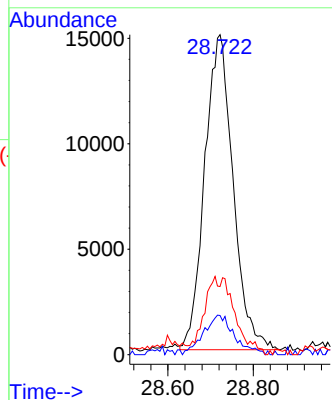
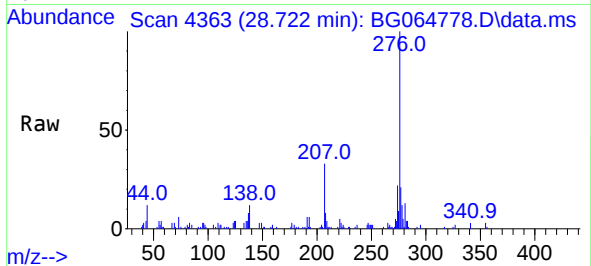




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.589 ng  
 RT: 28.722 min Scan# 41  
 Delta R.T. -0.027 min  
 Lab File: BG064778.D  
 Acq: 14 Nov 2025 13:58

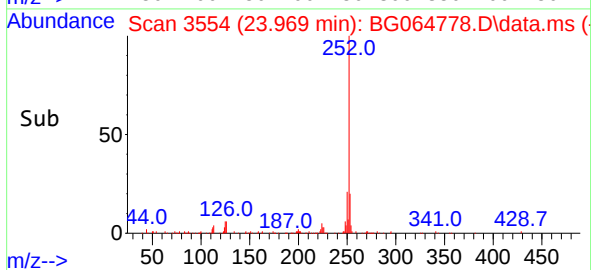
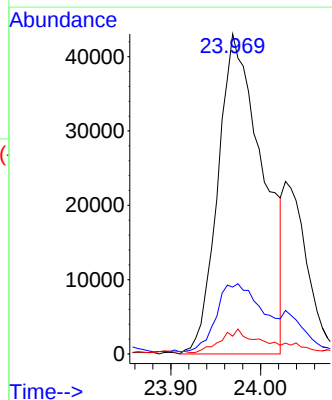
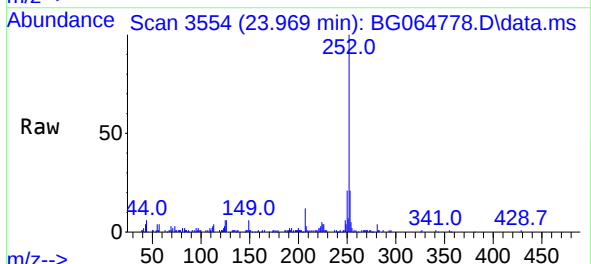
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-368

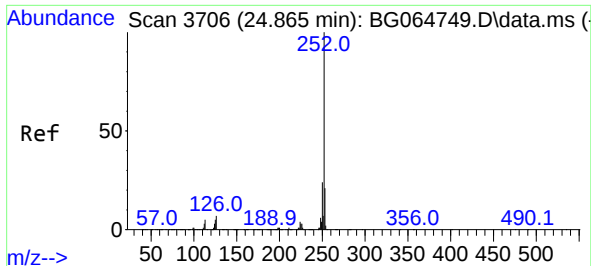
Tgt Ion:276 Resp: 69222  
 Ion Ratio Lower Upper  
 276 100  
 138 13.7 4.5 6.7#  
 277 11.3 20.0 30.0#



#88  
 Benzo(b)fluoranthene  
 Concen: 6.009 ng  
 RT: 23.969 min Scan# 3554  
 Delta R.T. -0.015 min  
 Lab File: BG064778.D  
 Acq: 14 Nov 2025 13:58

Tgt Ion:252 Resp: 148813  
 Ion Ratio Lower Upper  
 252 100  
 253 20.9 17.4 26.2  
 125 5.6 4.2 6.2

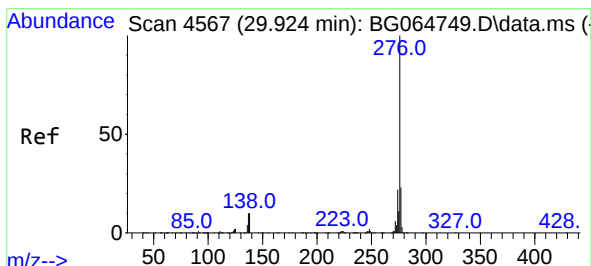
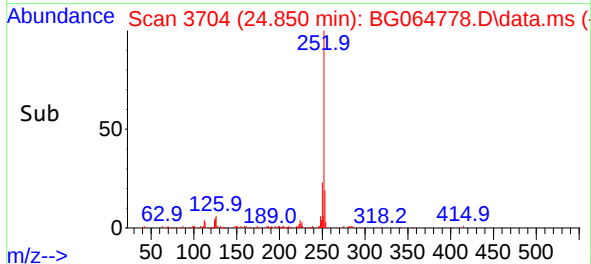
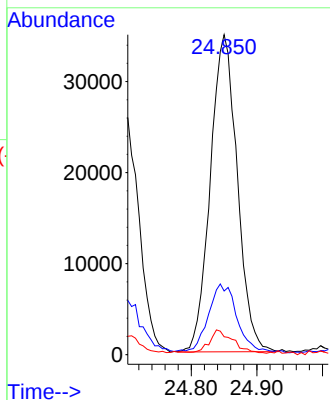
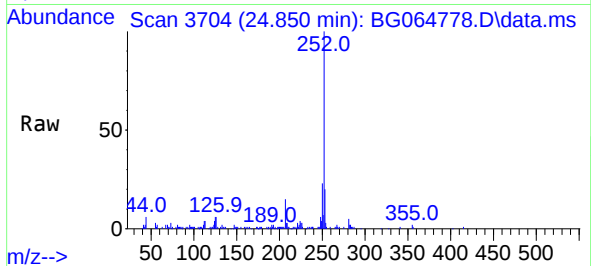




#90  
Benzo(a)pyrene  
Concen: 4.321 ng  
RT: 24.850 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-368

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 99257 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 19.9  | 16.9  | 25.3  |
| 125      | 5.6   | 4.2   | 6.4   |



#92  
Benzo(g,h,i)perylene  
Concen: 3.331 ng  
RT: 29.874 min Scan# 4559  
Delta R.T. -0.050 min  
Lab File: BG064778.D  
Acq: 14 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 70218 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 23.5  | 18.0  | 27.0  |
| 138      | 11.7  | 8.2   | 12.2  |

