

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121125\  
 Data File : BG064938.D  
 Acq On : 11 Dec 2025 17:35  
 Operator : RC/JU  
 Sample : Q3814-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

Quant Time: Dec 11 18:11:28 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     | 8.154  | 152  | 19371    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.968 | 136  | 72304    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.764 | 164  | 65366    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.496 | 188  | 171791   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.750 | 240  | 209105   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.005 | 264  | 236765   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.692  | 112  | 125048   | 112.726 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.302  | 99   | 156603   | 106.140 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.317  | 82   | 118143   | 80.788  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.245 | 330  | 220503   | 172.965 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.395 | 172  | 396241   | 84.584  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.081 | 244  | 1053146  | 99.072  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.524  | 88   | 11320    | 26.359  | ng    | # 70     |
| 3) Pyridine                   | 3.941  | 79   | 28396    | 22.192  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.836  | 42   | 24859    | 38.170  | ng    | 89       |
| 6) Aniline                    | 7.467  | 93   | 19494    | 9.912   | ng    | 95       |
| 8) 2-Chlorophenol             | 7.713  | 128  | 51401    | 42.199  | ng    | 94       |
| 9) Benzaldehyde               | 7.279  | 77   | 16007    | 16.574  | ng    | 93       |
| 10) Phenol                    | 7.332  | 94   | 59546    | 37.093  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.561  | 93   | 37260    | 32.617  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 8.043  | 146  | 45057    | 32.147  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.189  | 146  | 47365    | 33.188  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.513  | 146  | 48514    | 35.058  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.389  | 79   | 50244    | 41.487  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.665  | 45   | 74390    | 27.512  | ng    | 96       |
| 17) 2-Methylphenol            | 8.595  | 107  | 45872    | 40.385  | ng    | 94       |
| 18) Hexachloroethane          | 9.247  | 117  | 16692    | 30.880  | ng    | 86       |
| 19) n-Nitroso-di-n-propyla... | 8.953  | 70   | 36778    | 36.866  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.918  | 107  | 62320    | 40.049  | ng    | 90       |
| 22) Acetophenone              | 8.977  | 105  | 82324    | 41.791  | ng    | # 98     |
| 24) Nitrobenzene              | 9.359  | 77   | 58716    | 39.737  | ng    | 99       |
| 25) Isophorone                | 9.882  | 82   | 112053   | 40.237  | ng    | 96       |
| 26) 2-Nitrophenol             | 10.075 | 139  | 31442    | 47.308  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.128 | 122  | 54290    | 45.980  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.363 | 93   | 58615    | 38.339  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.610 | 162  | 65849    | 51.945  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.833 | 180  | 70941    | 46.344  | ng    | 99       |
| 31) Naphthalene               | 11.021 | 128  | 163461   | 39.881  | ng    | 99       |
| 32) Benzoic acid              | 10.246 | 122  | 20037    | 26.980  | ng    | 86       |
| 33) 4-Chloroaniline           | 11.127 | 127  | 3934     | 2.399   | ng    | # 91     |
| 34) Hexachlorobutadiene       | 11.309 | 225  | 59758    | 45.499  | ng    | 95       |
| 35) Caprolactam               | 11.885 | 113  | 10171    | 26.826  | ng    | # 65     |
| 36) 4-Chloro-3-methylphenol   | 12.232 | 107  | 71124    | 50.408  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.614 | 142  | 124000   | 40.427  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.831 | 142  | 129585   | 42.531  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.978 | 216  | 119517   | 46.983  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.960 | 237  | 152230   | 83.488  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.207 | 196  | 77868    | 52.155  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

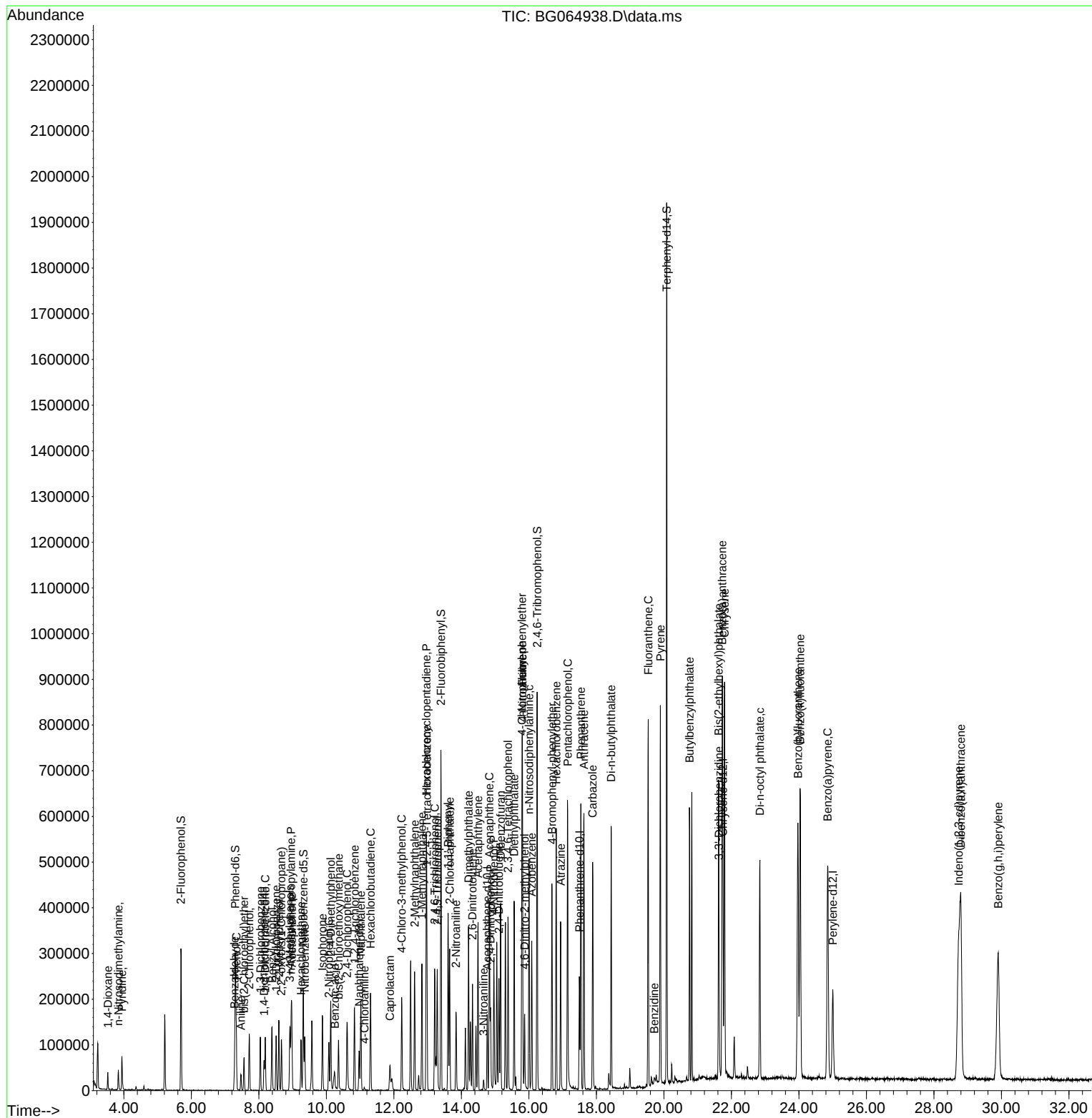
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.283 | 196  | 90410    | 53.991 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.607 | 154  | 205685   | 43.811 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.654 | 162  | 159492   | 43.121 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.842 | 65   | 51323    | 43.141 | ng    | 97       |
| 49) Acenaphthylene            | 14.494 | 152  | 285010   | 45.104 | ng    | 98       |
| 50) Dimethylphthalate         | 14.212 | 163  | 247598   | 47.952 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.329 | 165  | 51904    | 52.239 | ng    | 96       |
| 52) Acenaphthene              | 14.829 | 154  | 190622   | 50.313 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.658 | 138  | 6328     | 6.453  | ng    | 80       |
| 54) 2,4-Dinitrophenol         | 14.864 | 184  | 51985    | 76.769 | ng    | 92       |
| 55) Dibenzofuran              | 15.164 | 168  | 295085   | 47.111 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.964 | 139  | 69661    | 89.533 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 15.111 | 165  | 75686    | 50.811 | ng    | 99       |
| 58) Fluorene                  | 15.804 | 166  | 234305   | 47.695 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.381 | 232  | 100733   | 60.970 | ng    | 94       |
| 60) Diethylphthalate          | 15.563 | 149  | 238151   | 48.146 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.792 | 204  | 153940   | 52.214 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.810 | 138  | 42458    | 41.793 | ng    | 92       |
| 63) Azobenzene                | 16.086 | 77   | 167856   | 40.799 | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 15.874 | 198  | 47141    | 49.423 | ng    | 87       |
| 66) n-Nitrosodiphenylamine    | 16.004 | 169  | 214876   | 47.753 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.685 | 248  | 122330   | 54.224 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.809 | 284  | 148334   | 54.270 | ng    | # 91     |
| 69) Atrazine                  | 16.944 | 200  | 92361    | 42.573 | ng    | 98       |
| 70) Pentachlorophenol         | 17.149 | 266  | 160875   | 97.967 | ng    | 97       |
| 71) Phenanthrene              | 17.537 | 178  | 437819   | 46.580 | ng    | 99       |
| 72) Anthracene                | 17.631 | 178  | 444938   | 46.424 | ng    | 99       |
| 73) Carbazole                 | 17.890 | 167  | 366909   | 44.532 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.436 | 149  | 415672   | 45.221 | ng    | 98       |
| 75) Fluoranthene              | 19.535 | 202  | 565393   | 43.989 | ng    | 98       |
| 77) Benzidine                 | 19.717 | 184  | 17890    | 2.857  | ng    | # 92     |
| 78) Pyrene                    | 19.893 | 202  | 583394   | 49.780 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.757 | 149  | 182831   | 44.353 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.726 | 228  | 665418   | 46.800 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.632 | 252  | 68294    | 13.050 | ng    | 98       |
| 83) Chrysene                  | 21.797 | 228  | 638250   | 47.614 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.621 | 149  | 257305   | 42.716 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.843 | 149  | 430871   | 41.381 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.736 | 276  | 842557   | 51.797 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 23.971 | 252  | 703217   | 46.672 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 24.036 | 252  | 679467   | 44.886 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 24.852 | 252  | 648908   | 46.427 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.795 | 278  | 721591   | 54.150 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 29.905 | 276  | 694419   | 54.146 | ng    | # 96     |

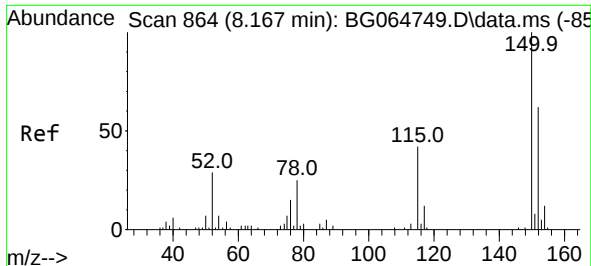
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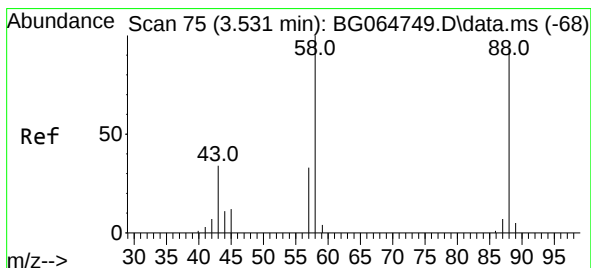
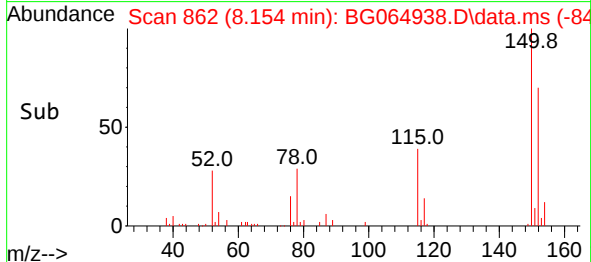
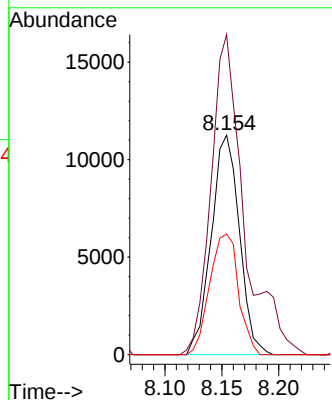
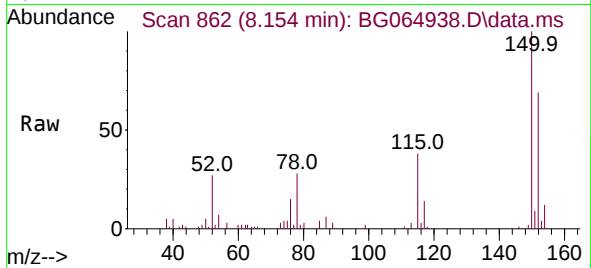




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.154 min Scan# 80  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

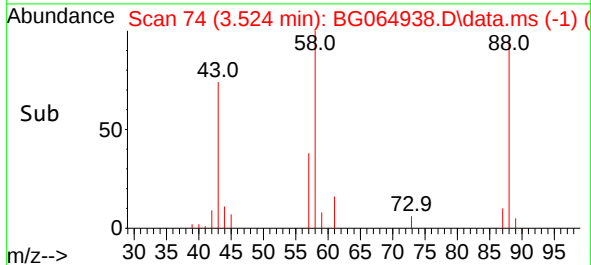
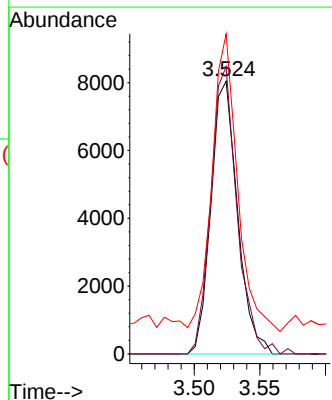
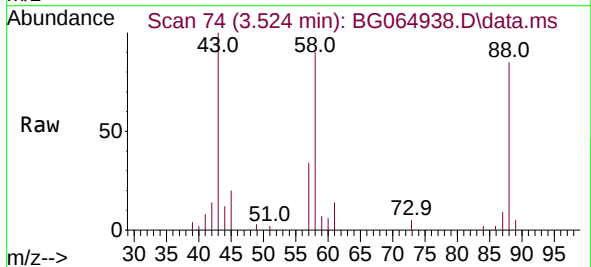
Instrument :  
BNA\_G  
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TP-5MSD

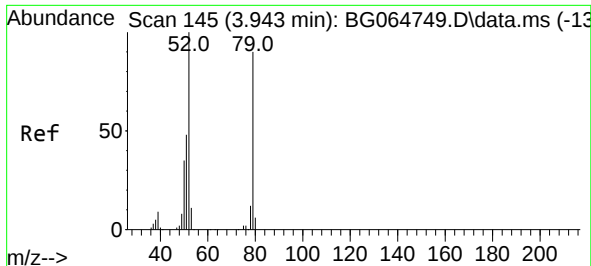
Tgt Ion:152 Resp: 19371  
Ion Ratio Lower Upper  
152 100  
150 145.9 129.2 193.8  
115 54.9 53.7 80.5



#2  
1,4-Dioxane  
Concen: 26.359 ng  
RT: 3.524 min Scan# 74  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion: 88 Resp: 11320  
Ion Ratio Lower Upper  
88 100  
58 104.5 84.6 126.8  
43 104.5 30.0 45.0#



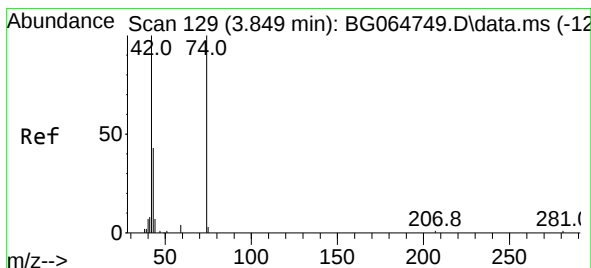
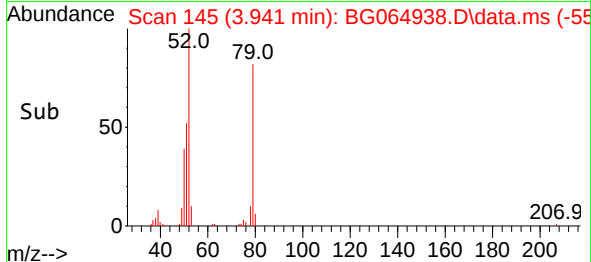
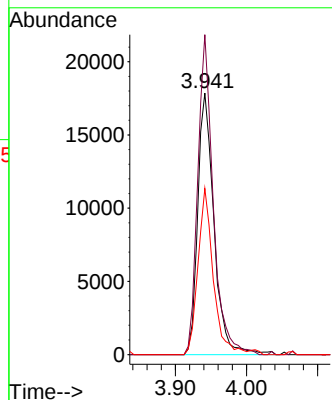
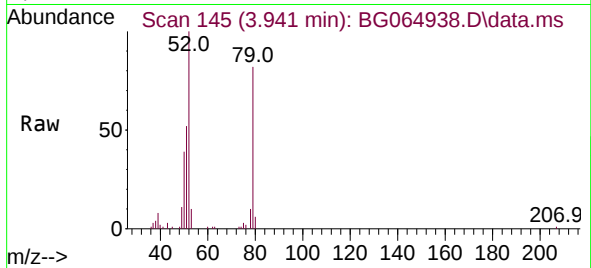


#3  
 Pyridine  
 Concen: 22.192 ng  
 RT: 3.941 min Scan# 145  
 Delta R.T. -0.001 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

Tgt Ion: 79 Resp: 28396  

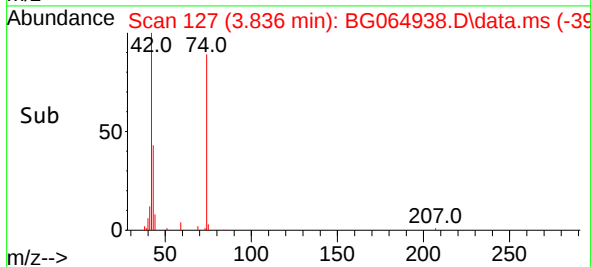
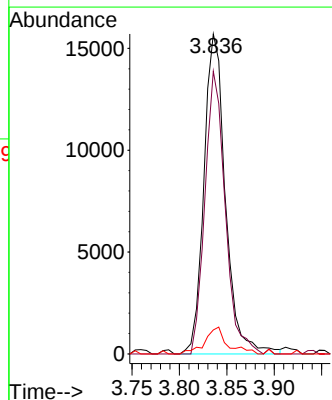
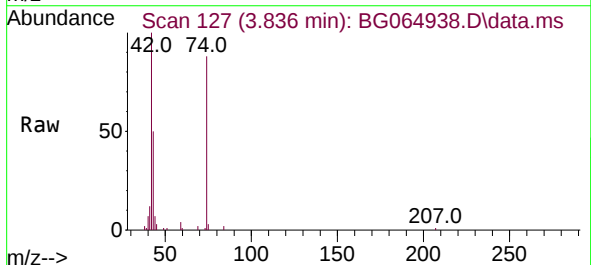
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 122.3 | 89.0  | 133.4 |
| 51  | 63.5  | 43.4  | 65.0  |



#4  
 n-Nitrosodimethylamine  
 Concen: 38.170 ng  
 RT: 3.836 min Scan# 127  
 Delta R.T. -0.013 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

Tgt Ion: 42 Resp: 24859  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 88.3  | 79.8  | 119.6 |
| 44  | 7.5   | 5.9   | 8.9   |

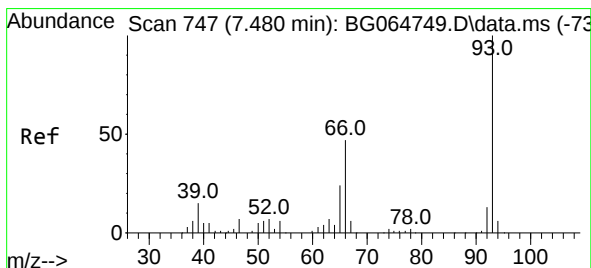
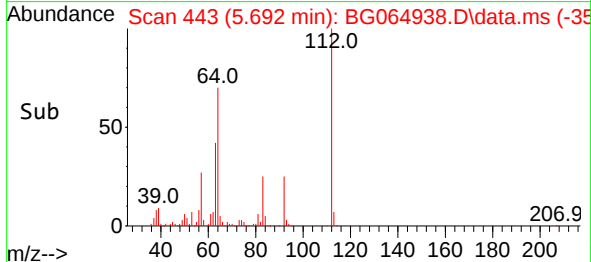
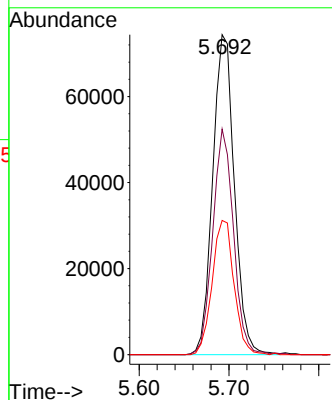
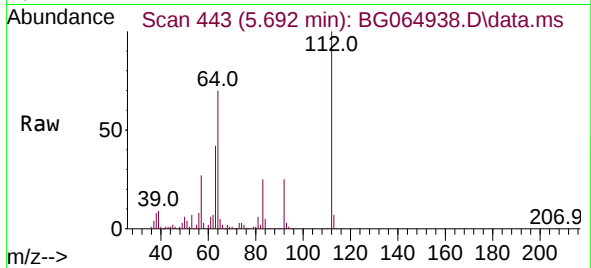




#5  
2-Fluorophenol  
Concen: 112.726 ng  
RT: 5.692 min Scan# 444  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

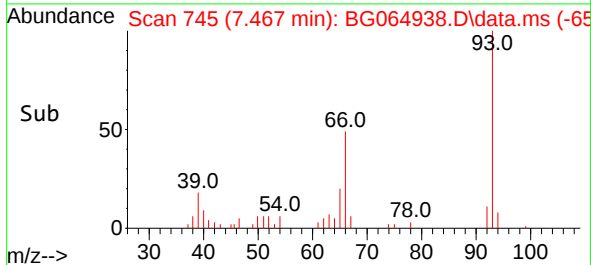
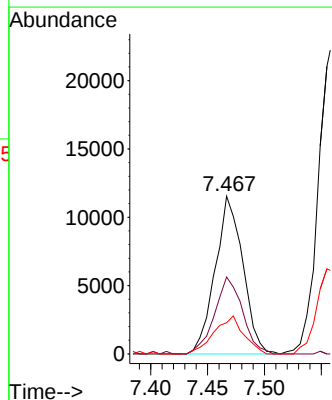
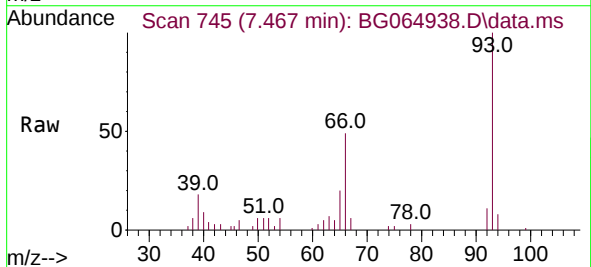
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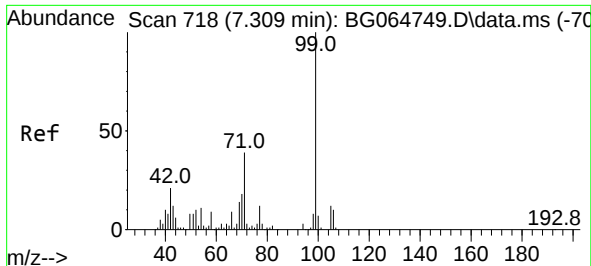
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 125048 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.5  | 61.0  | 91.4   |
| 63        | 41.9  | 33.3  | 49.9   |



#6  
Aniline  
Concen: 9.912 ng  
RT: 7.467 min Scan# 745  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 19494 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 48.8  | 37.7  | 56.5  |
| 65        | 19.7  | 19.1  | 28.7  |

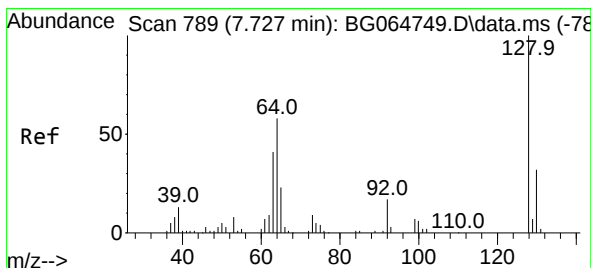
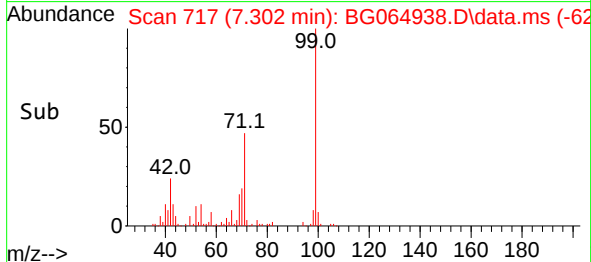
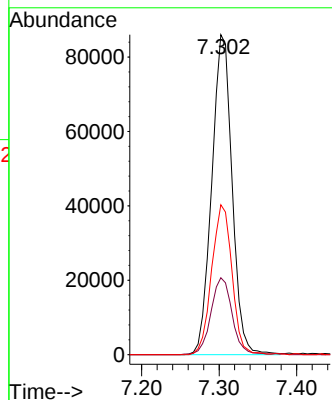
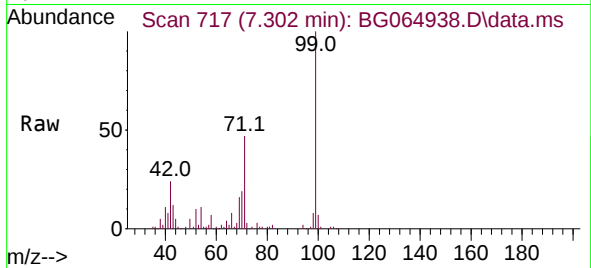




#7  
Phenol-d6  
Concen: 106.140 ng  
RT: 7.302 min Scan# 718  
Delta R.T. -0.007 min  
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Acq: 11 Dec 2025 17:35

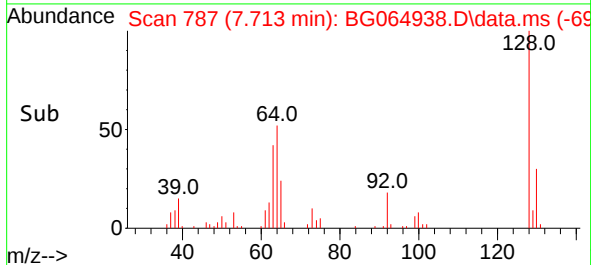
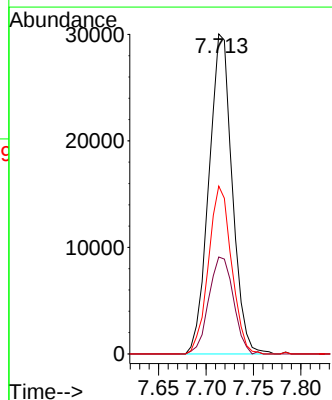
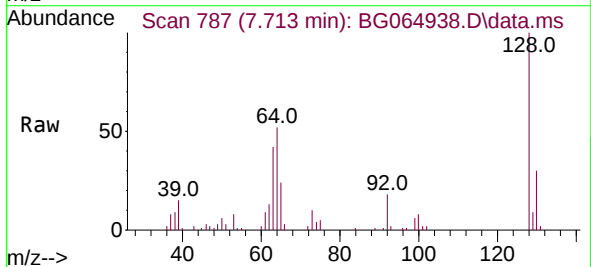
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ClientSampleId :  
TP-5MSD

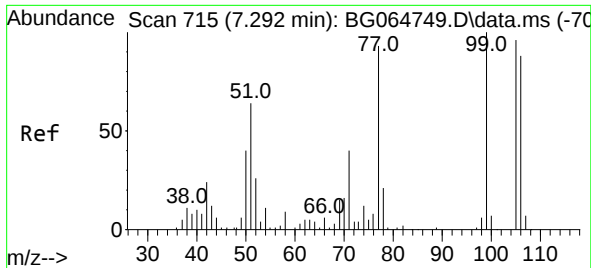
Tgt Ion: 99 Resp: 156603  
Ion Ratio Lower Upper  
99 100  
42 24.0 16.8 25.2  
71 46.8 31.1 46.7#



#8  
2-Chlorophenol  
Concen: 42.199 ng  
RT: 7.713 min Scan# 787  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:128 Resp: 51401  
Ion Ratio Lower Upper  
128 100  
130 30.3 11.9 51.9  
64 52.4 38.4 78.4

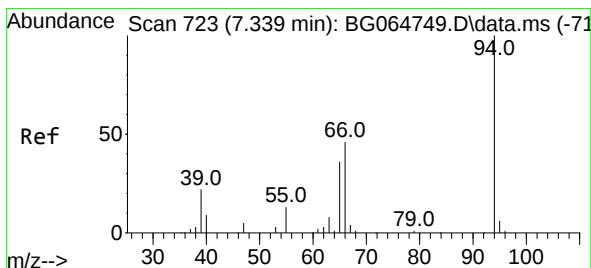
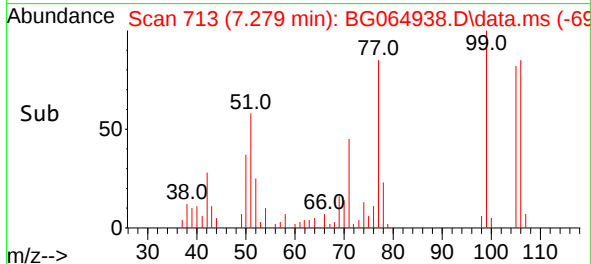
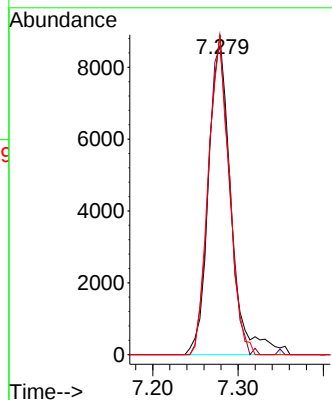
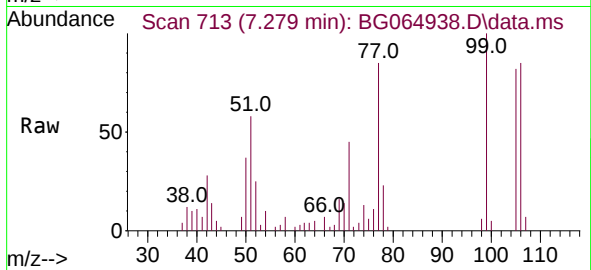




#9  
Benzaldehyde  
Concen: 16.574 ng  
RT: 7.279 min Scan# 715  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

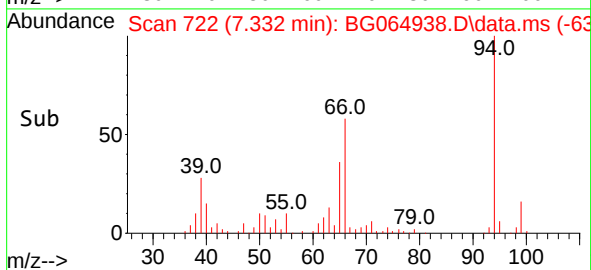
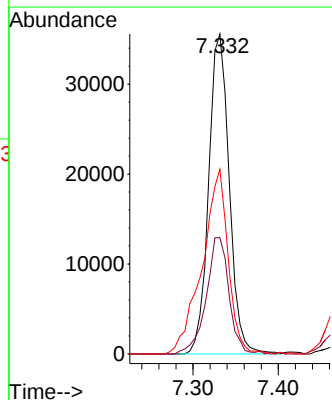
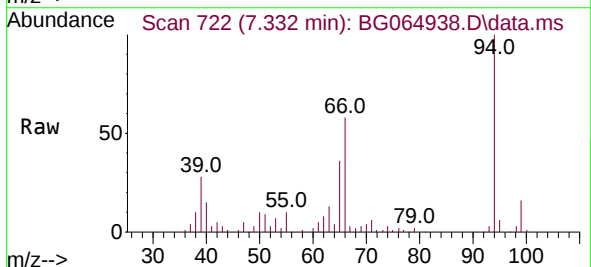
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

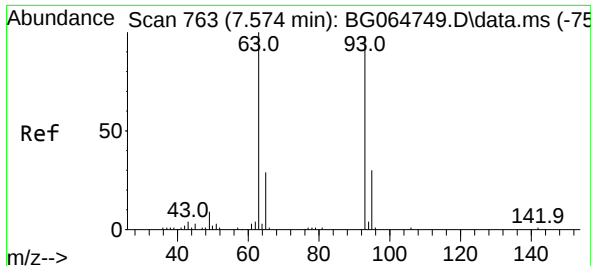
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 16007 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 96.7    | 83.8 123.8  |
| 106 100.3   | 74.3 114.3  |



#10  
Phenol  
Concen: 37.093 ng  
RT: 7.332 min Scan# 722  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|             |             |
|-------------|-------------|
| Tgt Ion: 94 | Resp: 59546 |
| Ion Ratio   | Lower Upper |
| 94 100      |             |
| 65 36.3     | 17.0 57.0   |
| 66 57.7     | 29.8 69.8   |

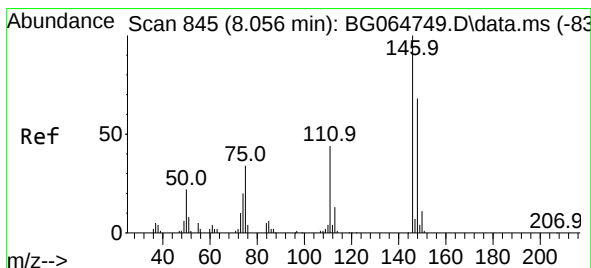
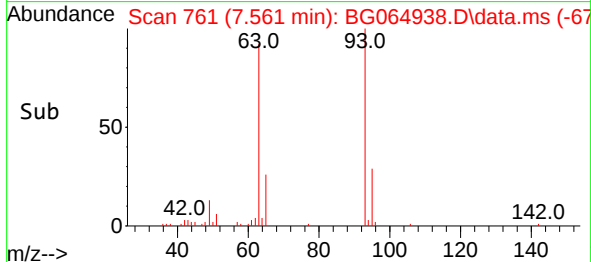
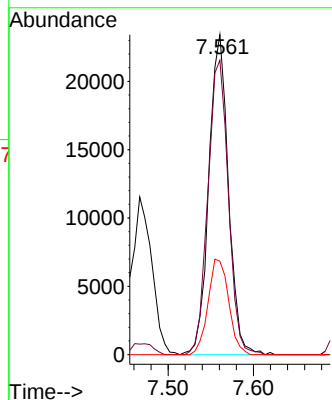
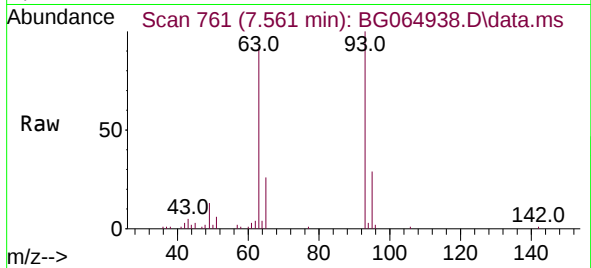




#11  
bis(2-Chloroethyl)ether  
Concen: 32.617 ng  
RT: 7.561 min Scan# 761  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

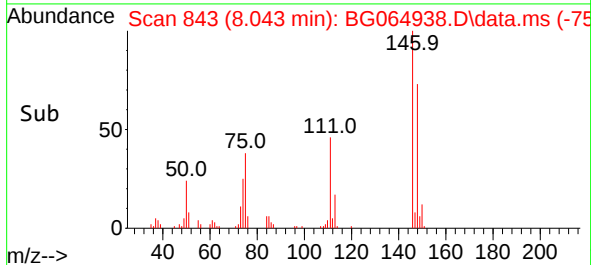
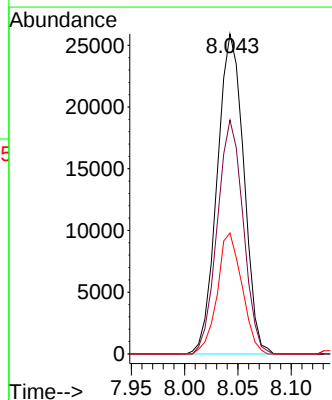
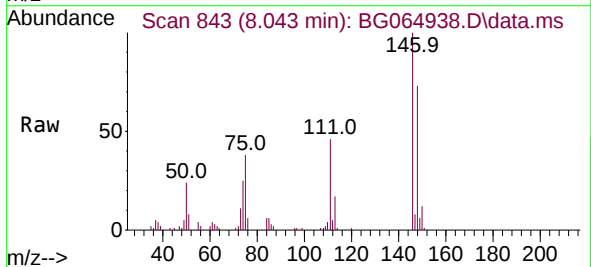
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

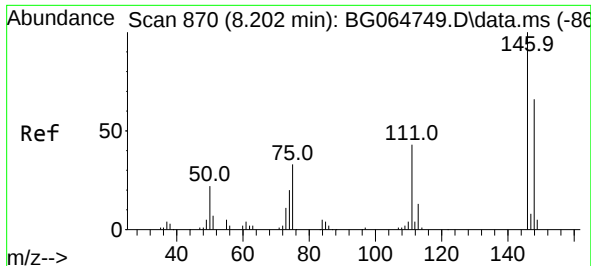
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 93 | Resp: | 37260 |       |
| Ion         | Ratio | Lower | Upper |
| 93          | 100   |       |       |
| 63          | 92.0  | 81.8  | 121.8 |
| 95          | 29.2  | 10.3  | 50.3  |



#12  
1,3-Dichlorobenzene  
Concen: 32.147 ng  
RT: 8.043 min Scan# 843  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:146 | Resp: | 45057 |       |
| Ion         | Ratio | Lower | Upper |
| 146         | 100   |       |       |
| 148         | 73.1  | 54.6  | 82.0  |
| 75          | 37.8  | 27.6  | 41.4  |





#13

1,4-Dichlorobenzene

Concen: 33.188 ng

RT: 8.189 min Scan# 868

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

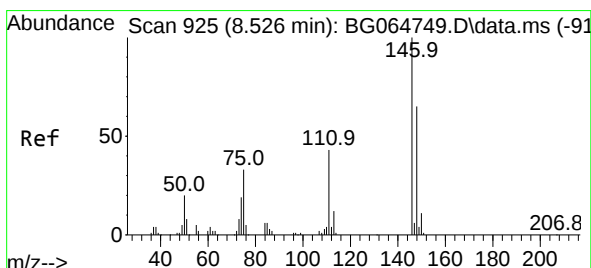
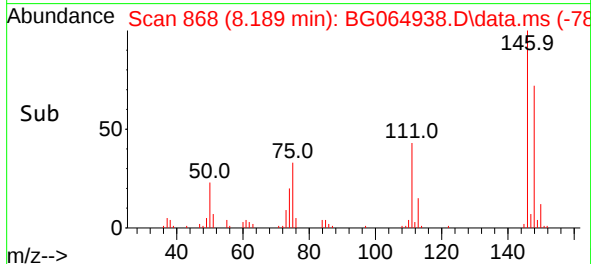
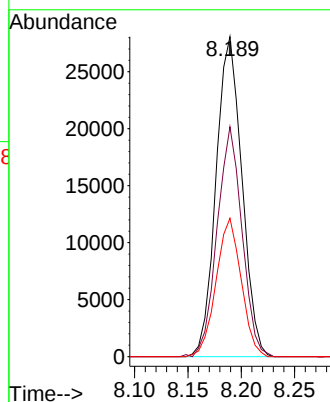
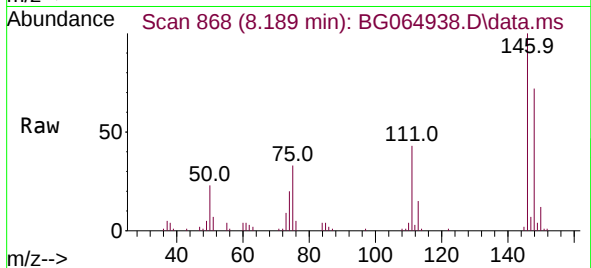
Tgt Ion:146 Resp: 47365

Ion Ratio Lower Upper

146 100

148 71.8 53.1 79.7

111 43.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 35.058 ng

RT: 8.513 min Scan# 923

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

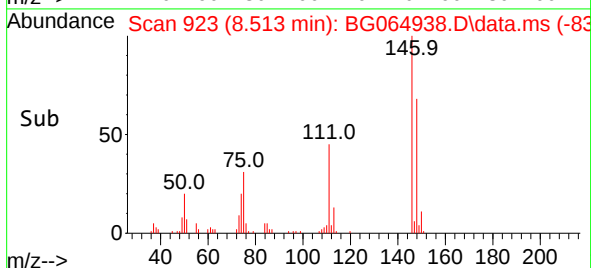
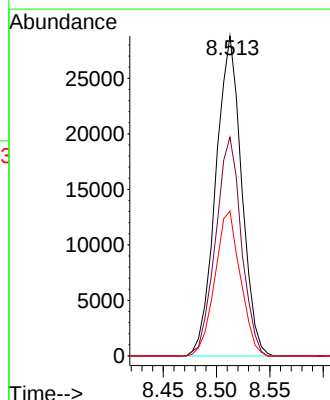
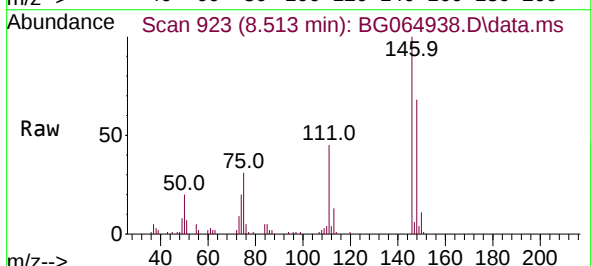
Tgt Ion:146 Resp: 48514

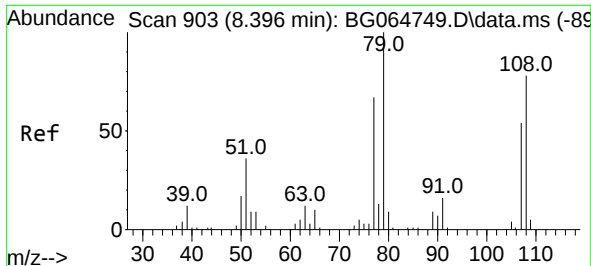
Ion Ratio Lower Upper

146 100

148 68.4 52.0 78.0

111 45.3 34.7 52.1

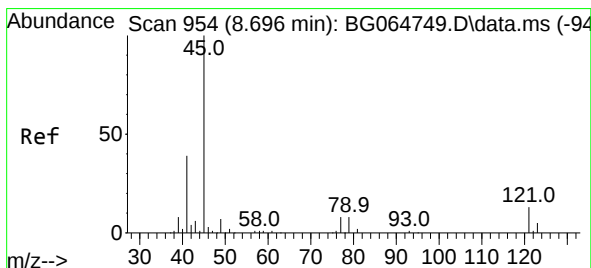
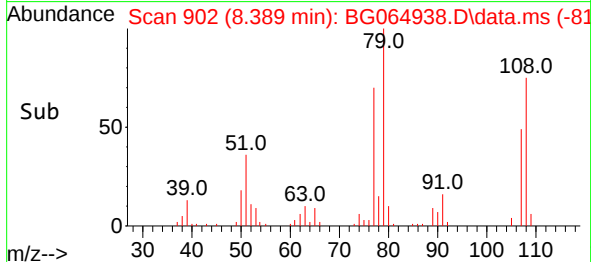
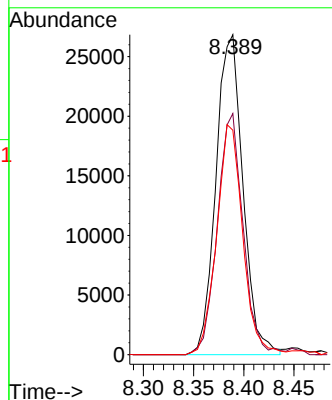
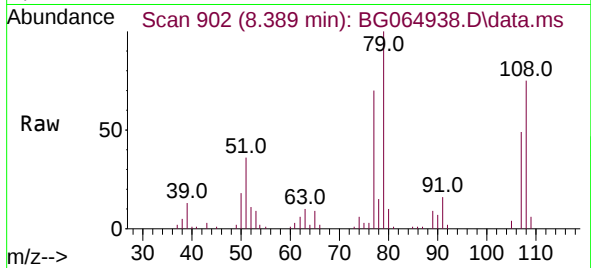




#15  
Benzyl Alcohol  
Concen: 41.487 ng  
RT: 8.389 min Scan# 90  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

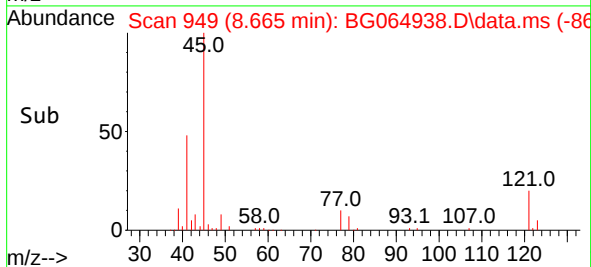
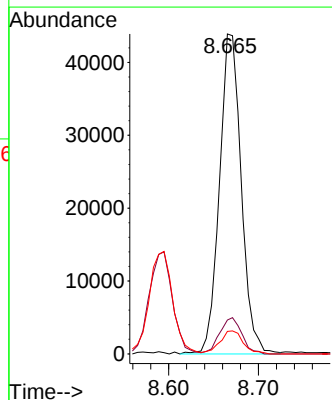
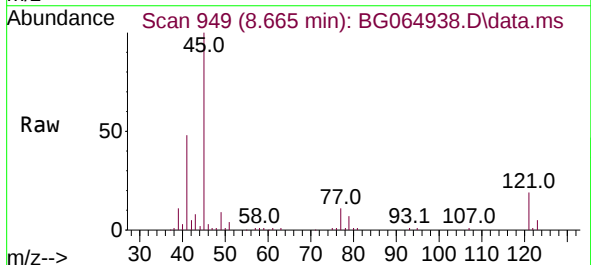
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

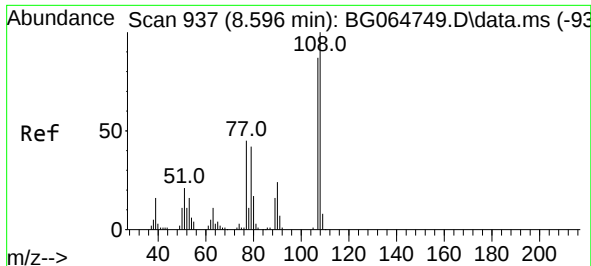
Tgt Ion: 79 Resp: 50244  
Ion Ratio Lower Upper  
79 100  
108 75.3 62.3 93.5  
77 70.1 53.5 80.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 27.512 ng  
RT: 8.665 min Scan# 949  
Delta R.T. -0.031 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion: 45 Resp: 74390  
Ion Ratio Lower Upper  
45 100  
77 10.6 0.0 28.8  
79 7.0 0.0 28.1





#17

2-Methylphenol

Concen: 40.385 ng

RT: 8.595 min Scan# 937

Delta R.T. -0.001 min

Lab File: BG064938.D

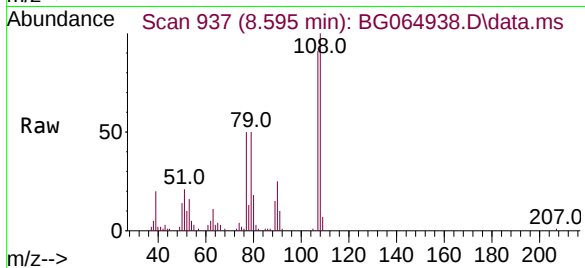
Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD



Tgt Ion:107 Resp: 45872

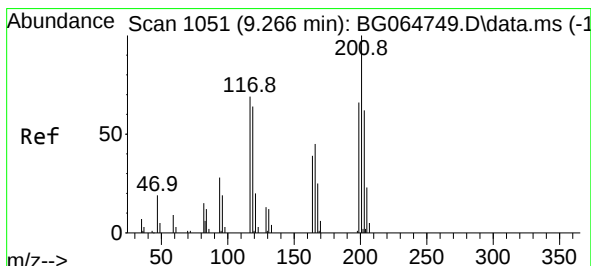
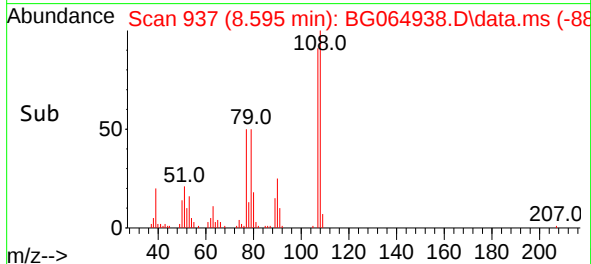
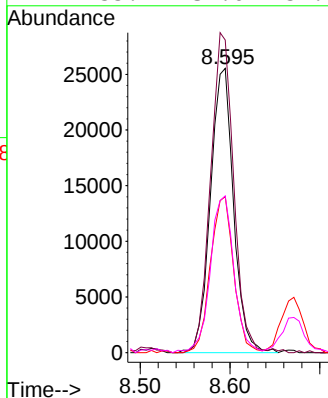
Ion Ratio Lower Upper

107 100

108 110.0 92.6 138.8

77 54.8 41.2 61.8

79 55.1 39.6 59.4



#18

Hexachloroethane

Concen: 30.880 ng

RT: 9.247 min Scan# 1048

Delta R.T. -0.019 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

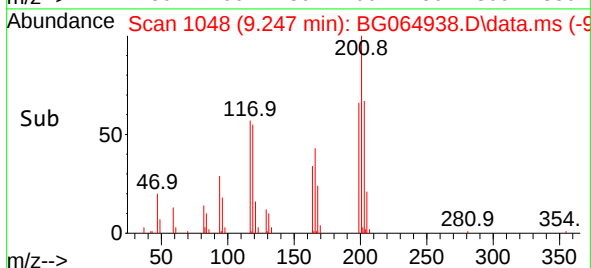
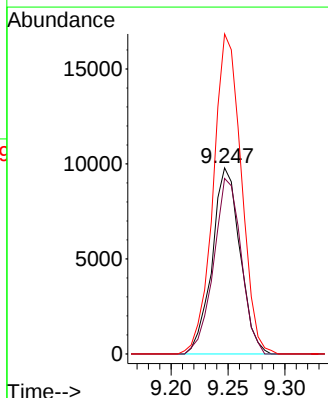
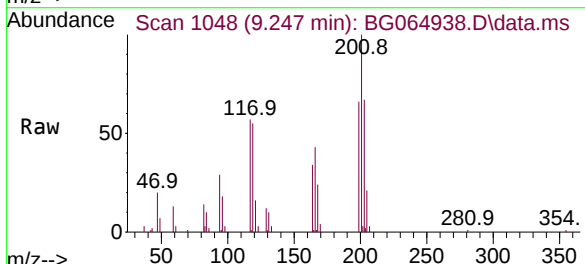
Tgt Ion:117 Resp: 16692

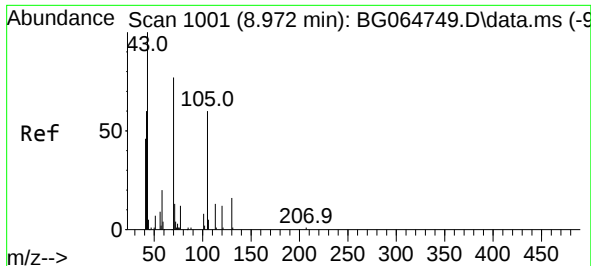
Ion Ratio Lower Upper

117 100

119 94.4 74.4 111.6

201 172.1 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.866 ng

RT: 8.953 min Scan# 998

Delta R.T. -0.019 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

Tgt Ion: 70 Resp: 36778

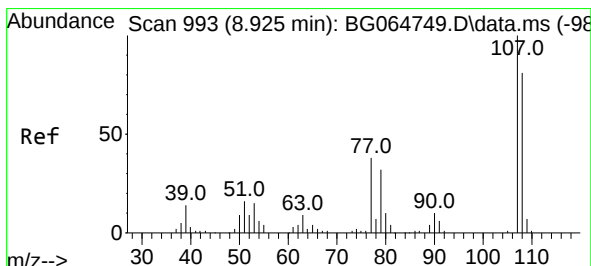
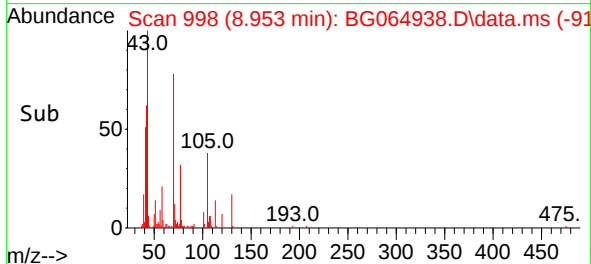
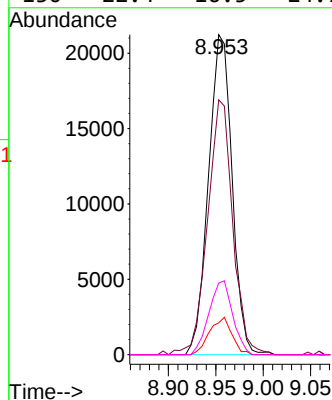
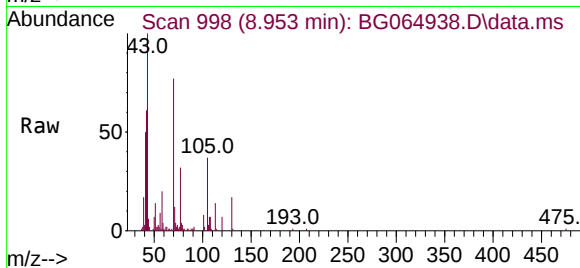
Ion Ratio Lower Upper

70 100

42 79.6 62.6 93.8

101 9.9 8.0 12.0

130 22.4 16.5 24.7



#20

3+4-Methylphenols

Concen: 40.049 ng

RT: 8.918 min Scan# 992

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Tgt Ion:107 Resp: 62320

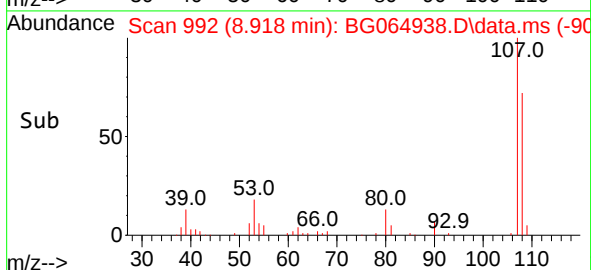
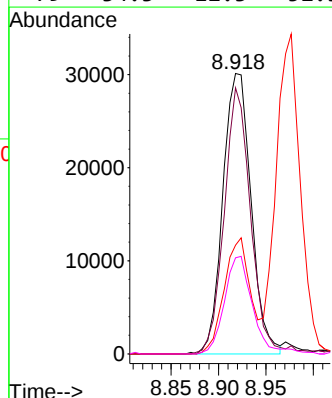
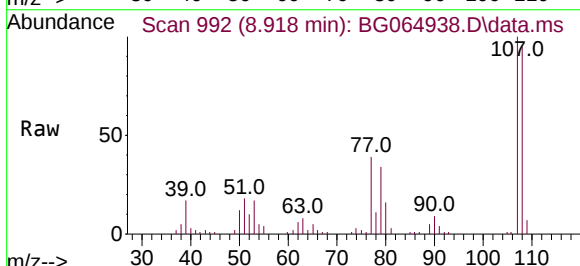
Ion Ratio Lower Upper

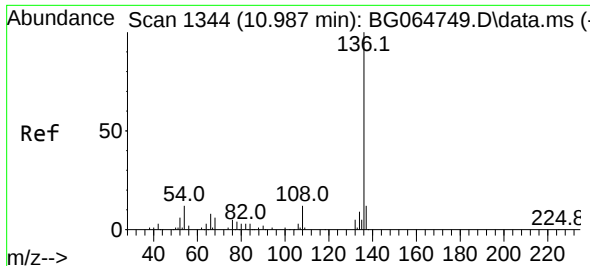
107 100

108 94.9 61.0 101.0

77 38.8 17.6 57.6

79 34.3 12.3 52.3

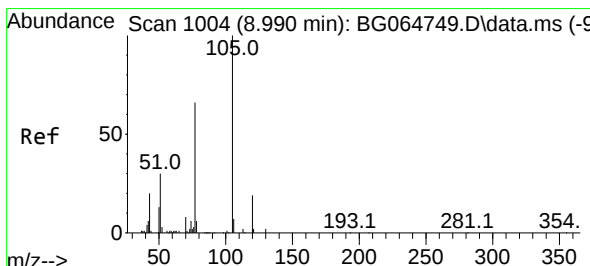
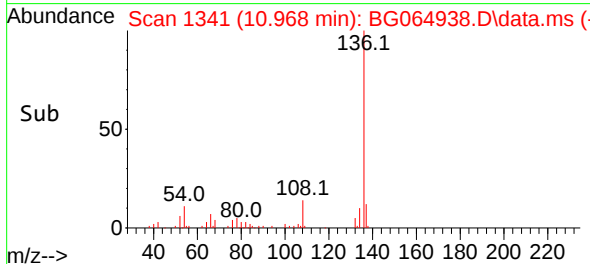
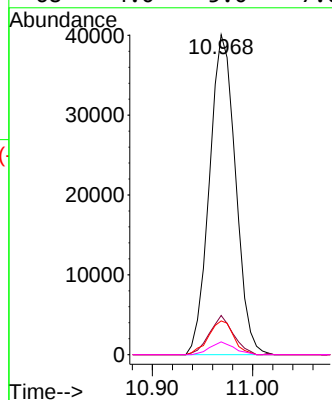
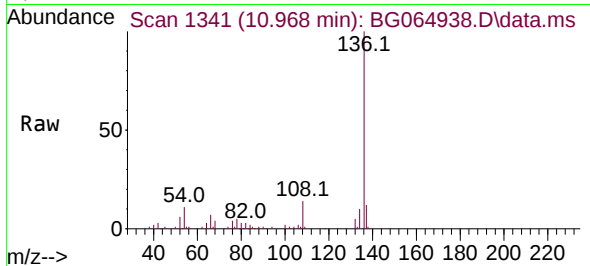




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.968 min Scan# 1344  
Delta R.T. -0.019 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

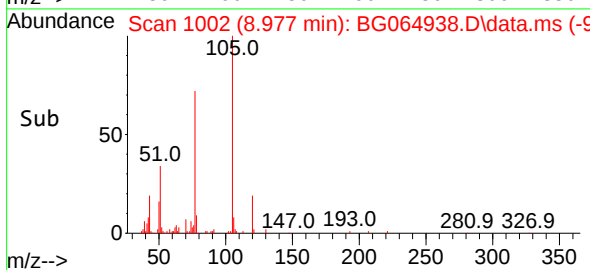
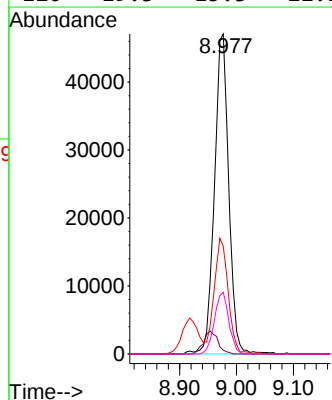
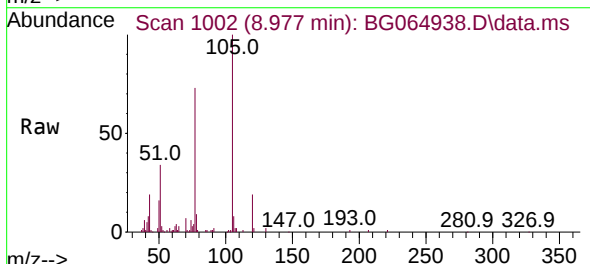
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

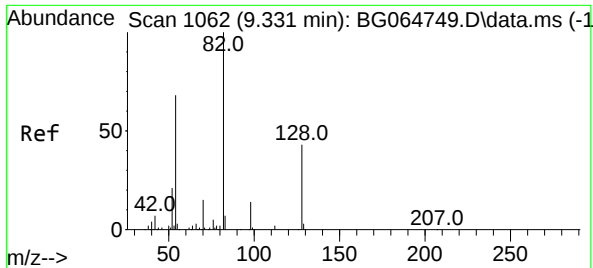
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 72304 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.2  | 9.3   | 13.9  |
| 54        | 10.5  | 9.3   | 13.9  |
| 68        | 4.0   | 5.0   | 7.6   |



#22  
Acetophenone  
Concen: 41.791 ng  
RT: 8.977 min Scan# 1002  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 82324 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.2   | 1.3   | 1.9   |
| 51        | 33.6  | 27.9  | 41.9  |
| 120       | 19.3  | 15.3  | 22.9  |





#23

Nitrobenzene-d5

Concen: 80.788 ng

RT: 9.317 min Scan# 1062

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

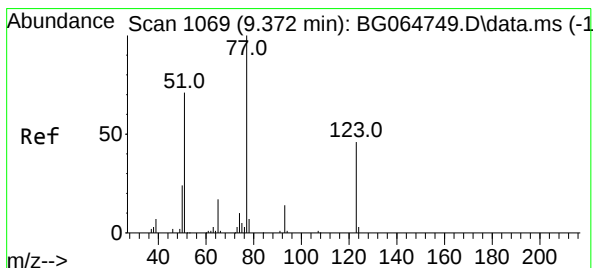
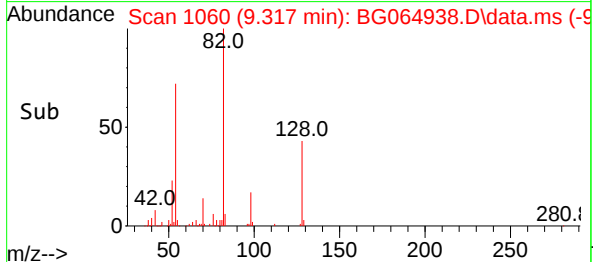
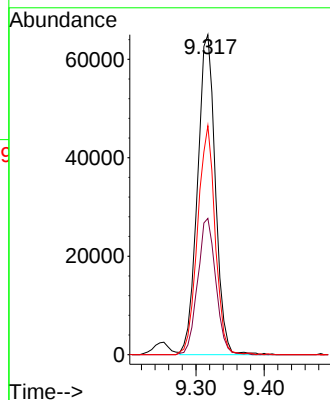
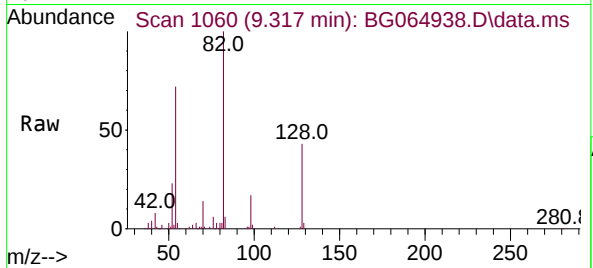
Tgt Ion: 82 Resp: 118143

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 71.5 54.3 81.5



#24

Nitrobenzene

Concen: 39.737 ng

RT: 9.359 min Scan# 1067

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

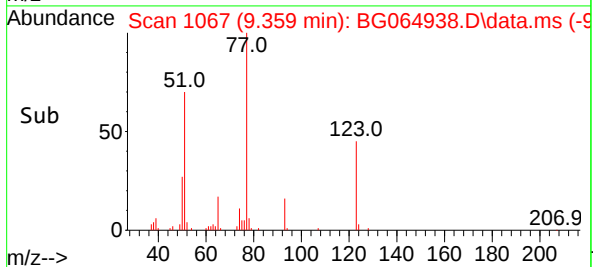
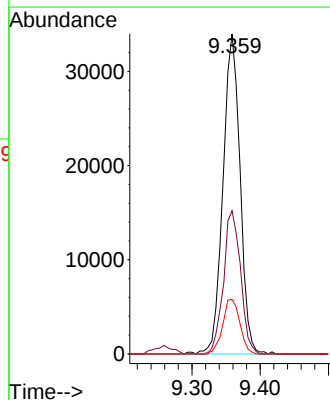
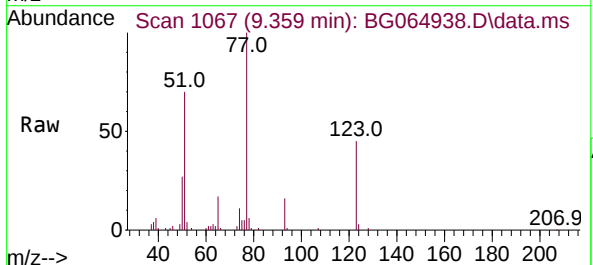
Tgt Ion: 77 Resp: 58716

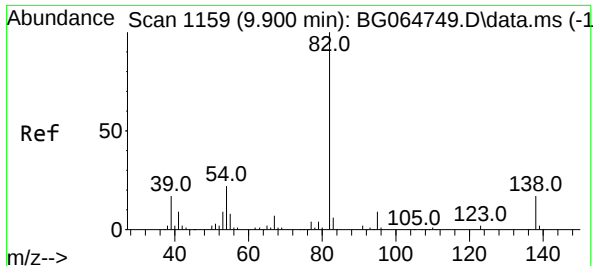
Ion Ratio Lower Upper

77 100

123 44.7 36.5 54.7

65 17.0 13.5 20.3

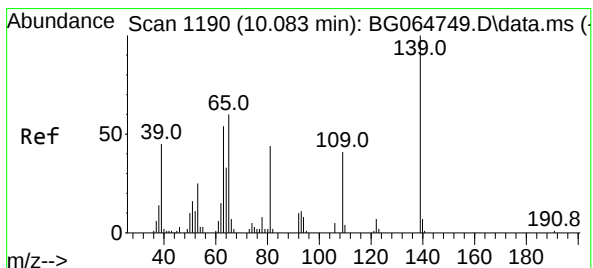
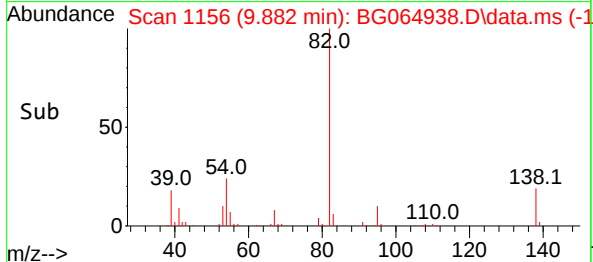
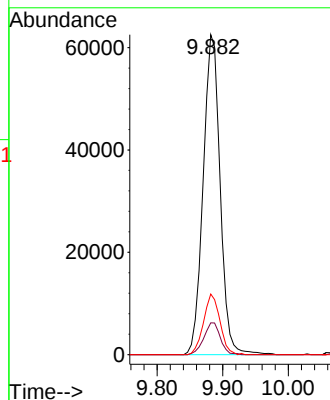
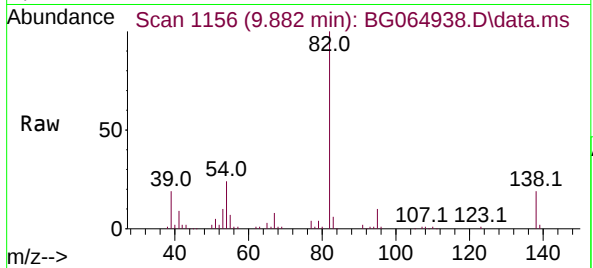




#25  
Isophorone  
Concen: 40.237 ng  
RT: 9.882 min Scan# 1156  
Delta R.T. -0.019 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

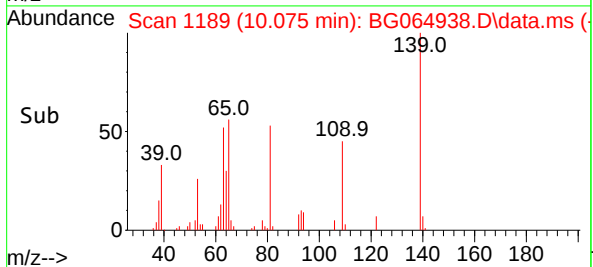
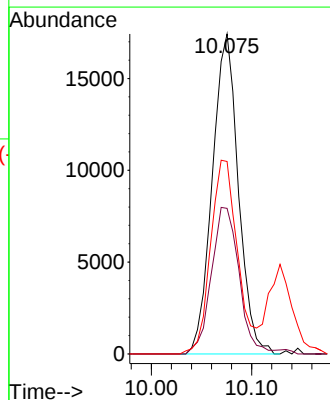
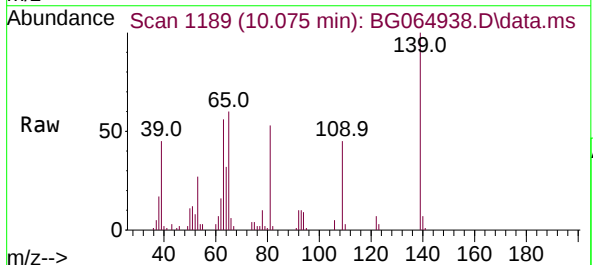
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

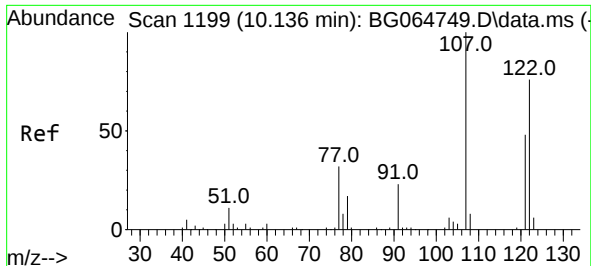
Tgt Ion: 82 Resp: 112053  
Ion Ratio Lower Upper  
82 100  
95 9.9 6.9 10.3  
138 18.9 13.9 20.9



#26  
2-Nitrophenol  
Concen: 47.308 ng  
RT: 10.075 min Scan# 1189  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion: 139 Resp: 31442  
Ion Ratio Lower Upper  
139 100  
109 45.5 32.5 48.7  
65 60.1 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 45.980 ng

RT: 10.128 min Scan# 1199

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

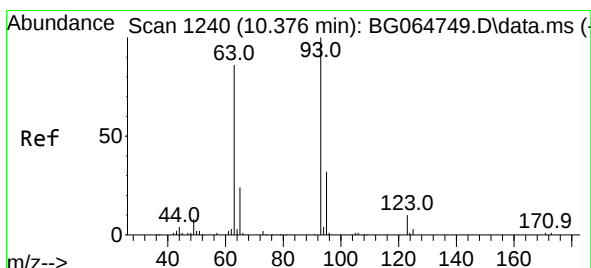
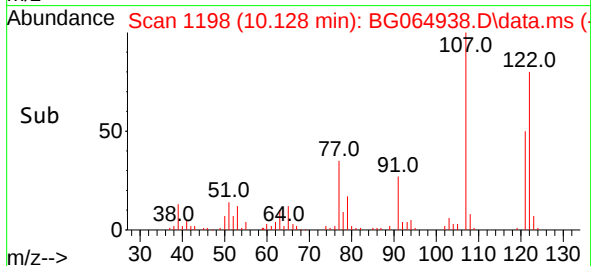
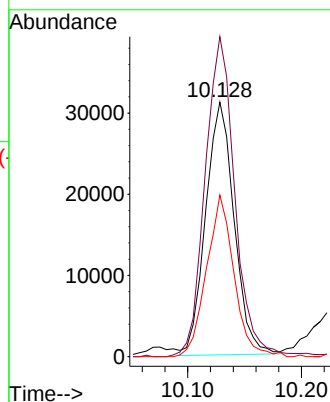
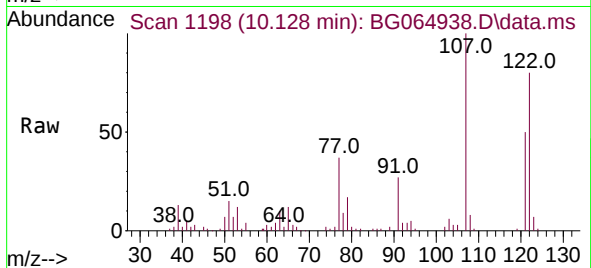
Tgt Ion:122 Resp: 54290

Ion Ratio Lower Upper

122 100

107 125.7 102.5 153.7

121 63.4 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.339 ng

RT: 10.363 min Scan# 1238

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

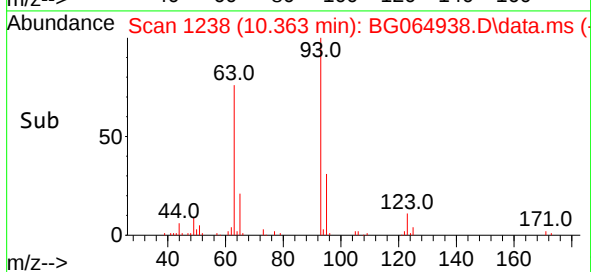
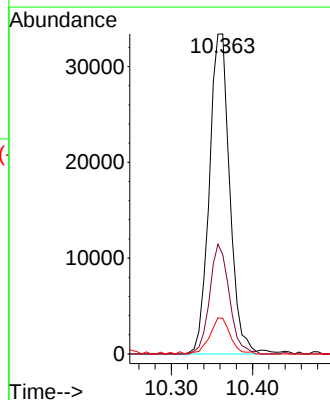
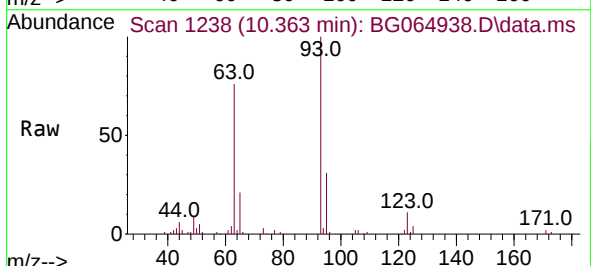
Tgt Ion: 93 Resp: 58615

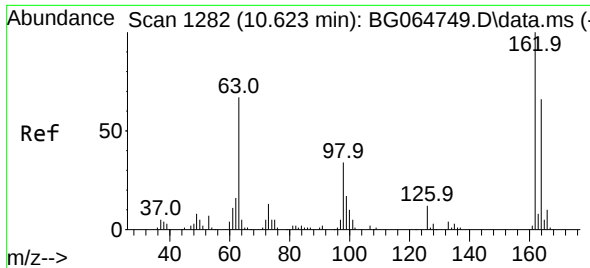
Ion Ratio Lower Upper

93 100

95 31.0 25.4 38.2

123 11.1 8.1 12.1

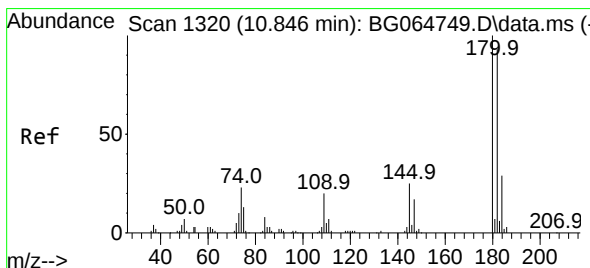
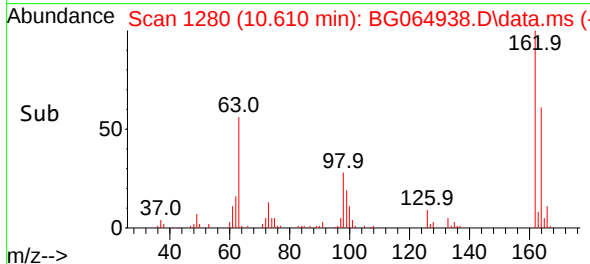
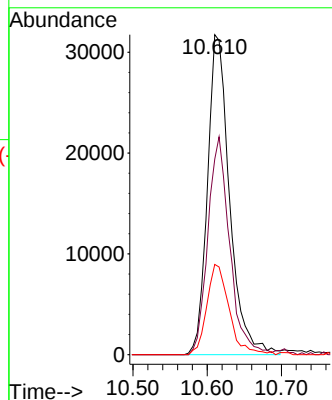
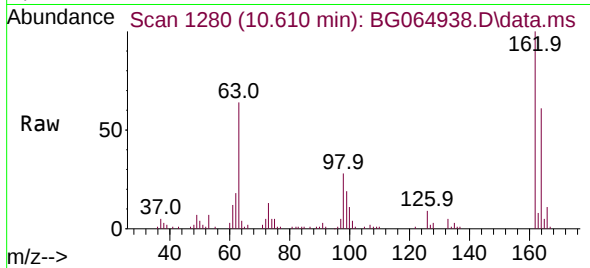




#29  
2,4-Dichlorophenol  
Concen: 51.945 ng  
RT: 10.610 min Scan# 1318  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

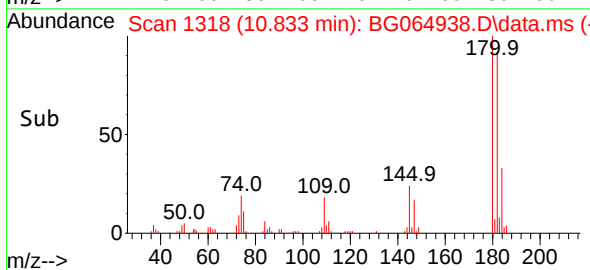
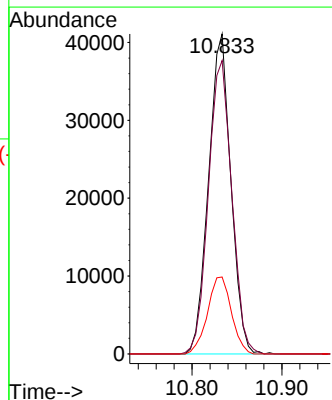
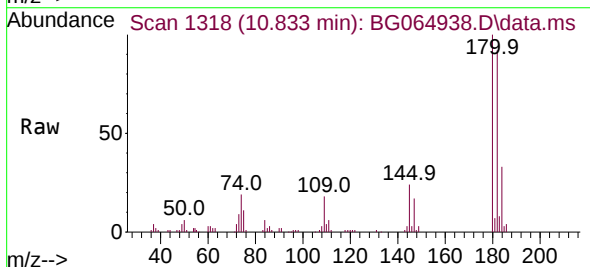
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

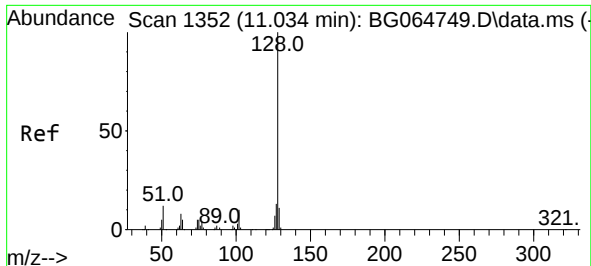
Tgt Ion:162 Resp: 65849  
Ion Ratio Lower Upper  
162 100  
164 61.1 46.0 86.0  
98 28.2 14.2 54.2



#30  
1,2,4-Trichlorobenzene  
Concen: 46.344 ng  
RT: 10.833 min Scan# 1318  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:180 Resp: 70941  
Ion Ratio Lower Upper  
180 100  
182 91.7 74.2 111.4  
145 24.0 20.0 30.0

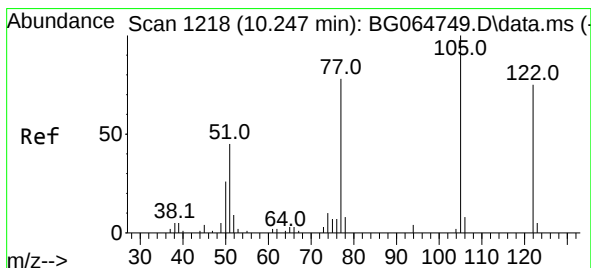
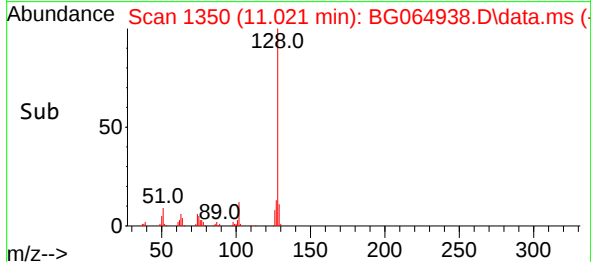
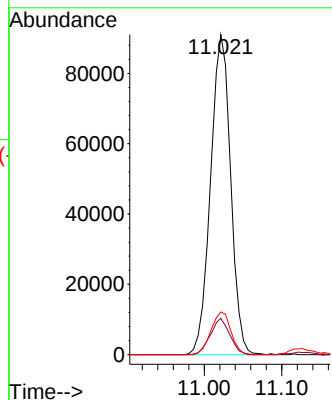
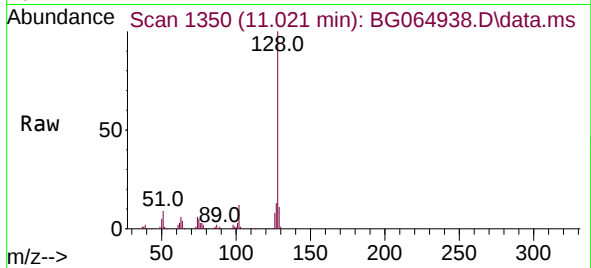




#31  
Naphthalene  
Concen: 39.881 ng  
RT: 11.021 min Scan# 1352  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

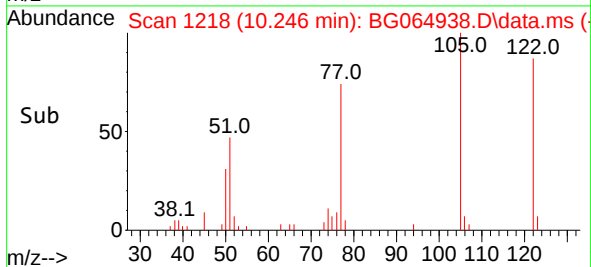
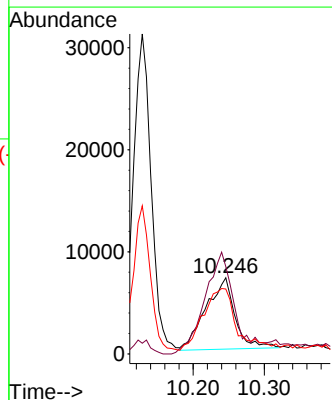
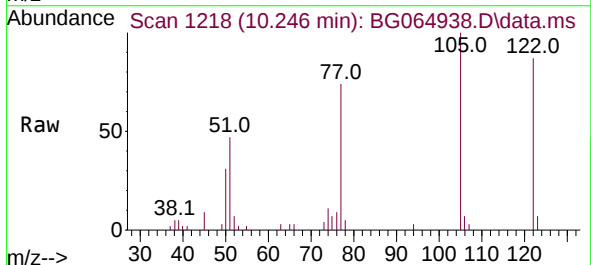
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

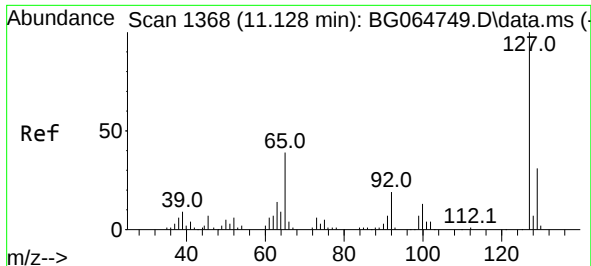
Tgt Ion:128 Resp: 163461  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 26.980 ng  
RT: 10.246 min Scan# 1218  
Delta R.T. -0.001 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

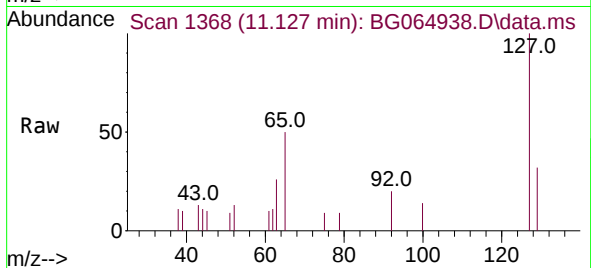
Tgt Ion:122 Resp: 20037  
Ion Ratio Lower Upper  
122 100  
105 114.6 107.6 147.6  
77 85.1 82.5 122.5



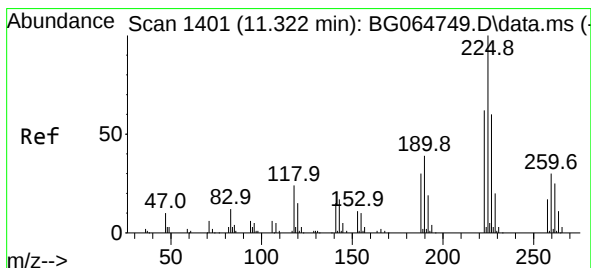
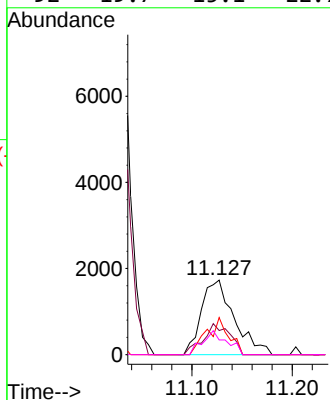
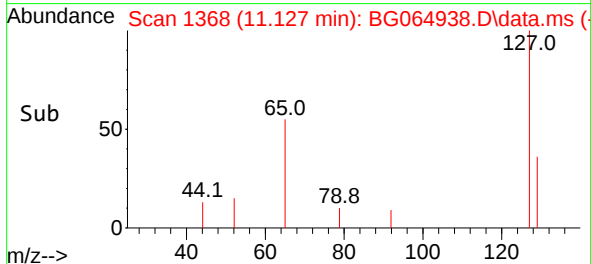


#33  
4-Chloroaniline  
Concen: 2.399 ng  
RT: 11.127 min Scan# 1368  
Delta R.T. -0.001 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

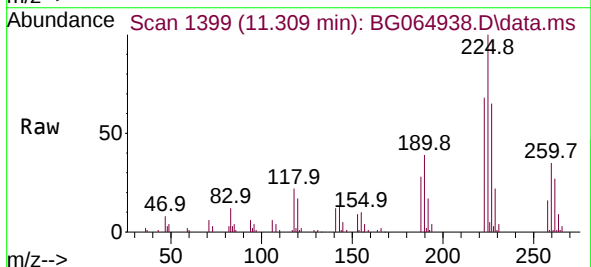
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD



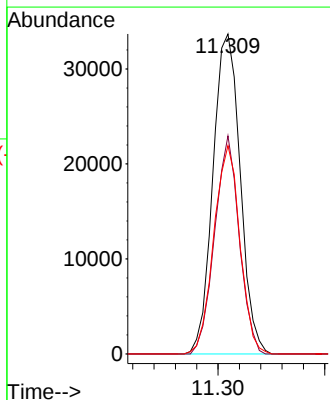
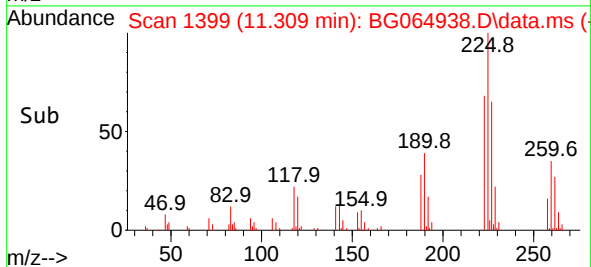
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 3934  |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.4  | 24.9  | 37.3  |
| 65       | 49.6  | 30.9  | 46.3  |
| 92       | 19.7  | 15.1  | 22.7  |

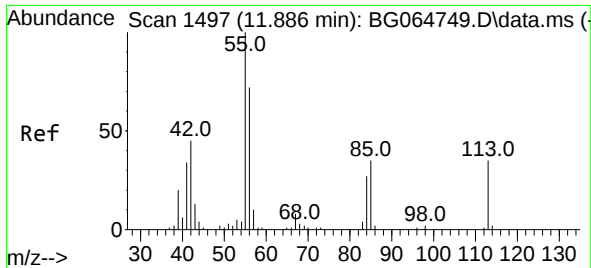


#34  
Hexachlorobutadiene  
Concen: 45.499 ng  
RT: 11.309 min Scan# 1399  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 59758 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 68.1  | 49.9  | 74.9  |
| 227      | 65.1  | 50.6  | 75.8  |

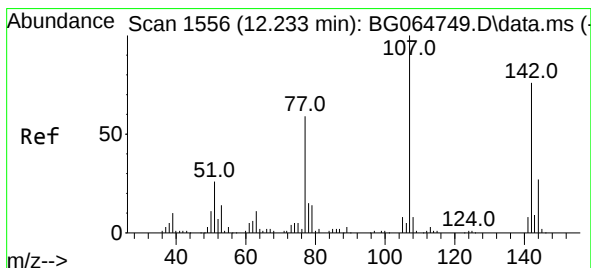
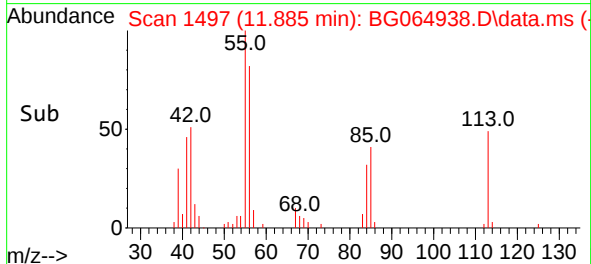
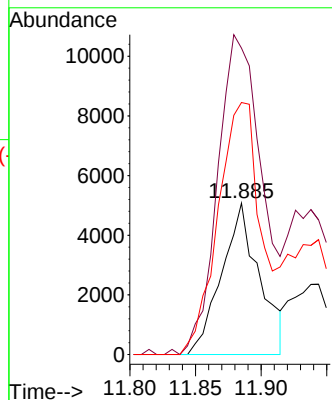
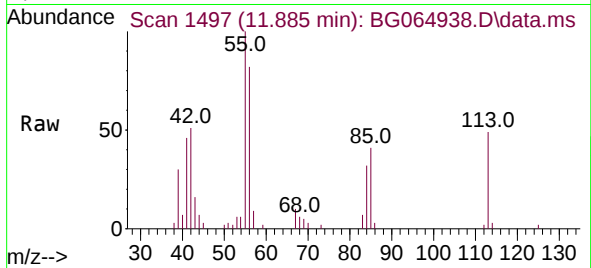




#35  
 Caprolactam  
 Concen: 26.826 ng  
 RT: 11.885 min Scan# 1497  
 Delta R.T. -0.001 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

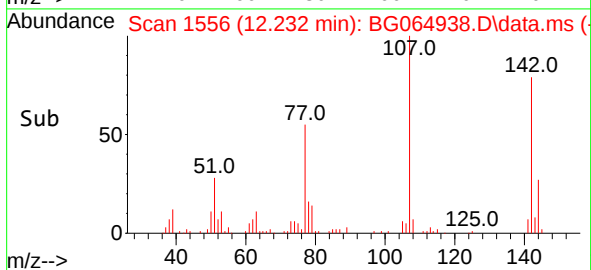
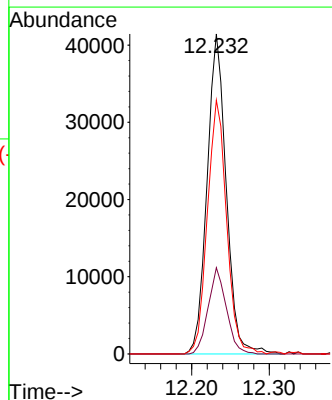
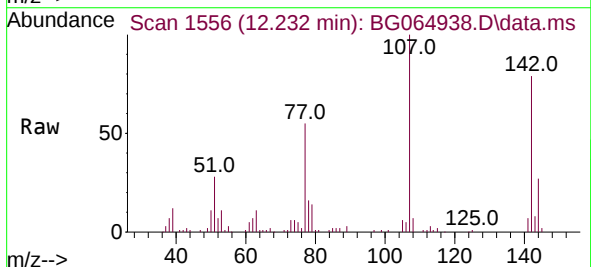
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

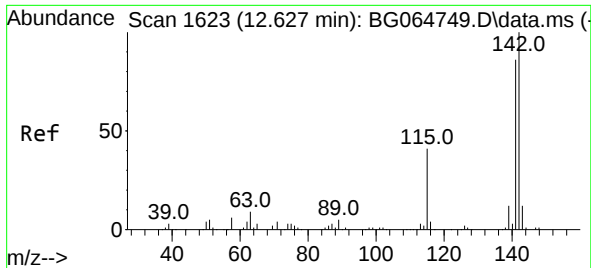
Tgt Ion:113 Resp: 10171  
 Ion Ratio Lower Upper  
 113 100  
 55 202.4 263.7 303.7#  
 56 166.4 184.0 224.0#



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.408 ng  
 RT: 12.232 min Scan# 1556  
 Delta R.T. -0.001 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

Tgt Ion:107 Resp: 71124  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 21.7 32.5  
 142 79.3 60.8 91.2

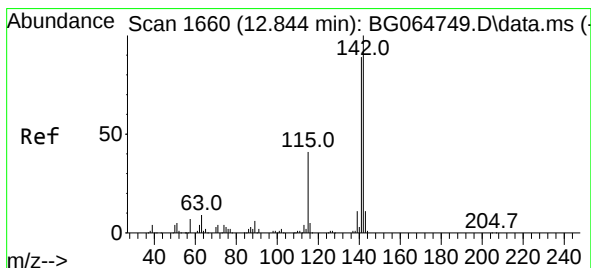
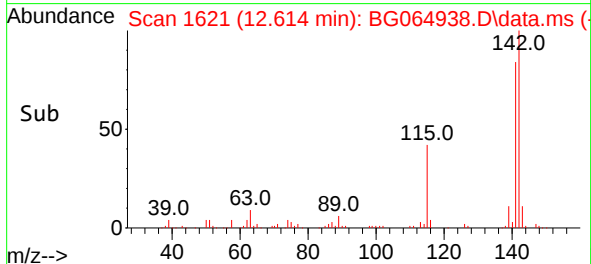
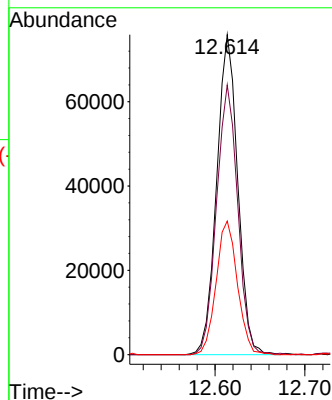
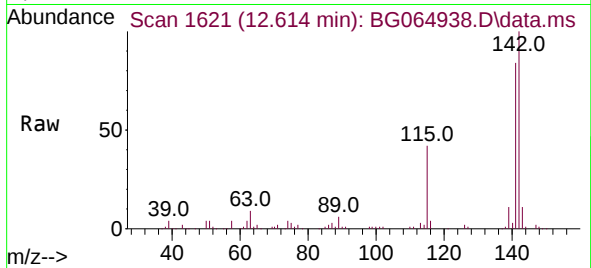




#37  
2-Methylnaphthalene  
Concen: 40.427 ng  
RT: 12.614 min Scan# 1621  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

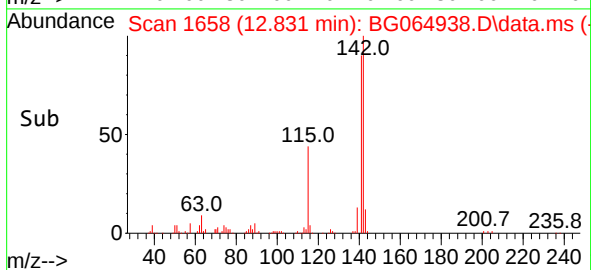
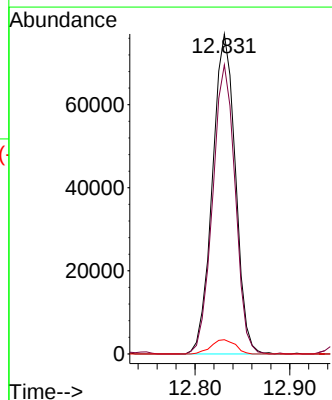
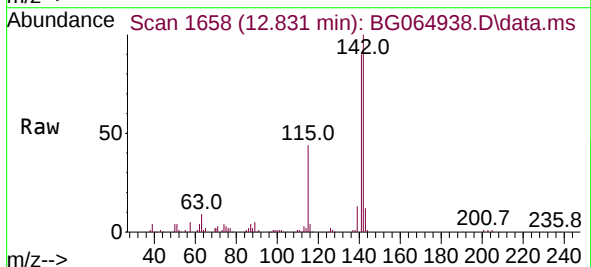
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

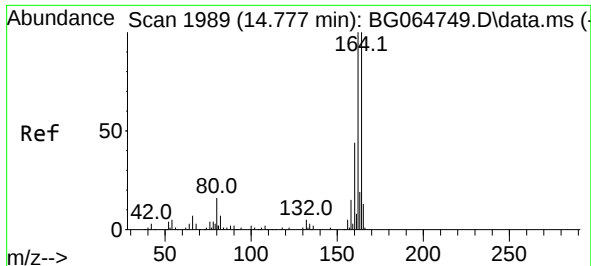
Tgt Ion:142 Resp: 124000  
Ion Ratio Lower Upper  
142 100  
141 84.3 69.1 103.7  
115 41.7 32.9 49.3



#38  
1-Methylnaphthalene  
Concen: 42.531 ng  
RT: 12.831 min Scan# 1658  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:142 Resp: 129585  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.8 106.2  
116 4.4 3.7 5.5

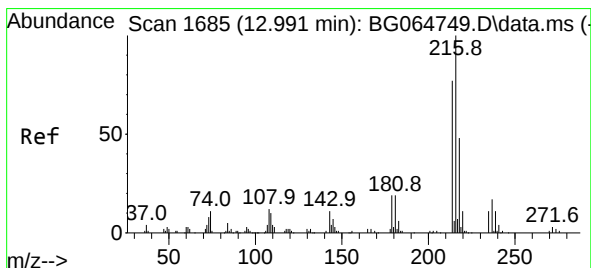
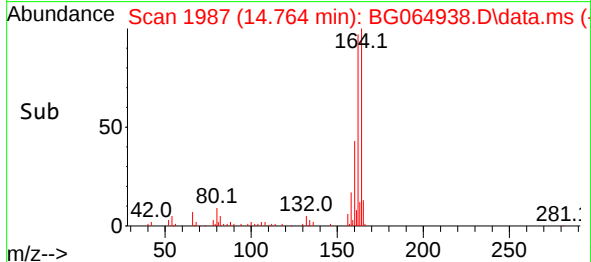
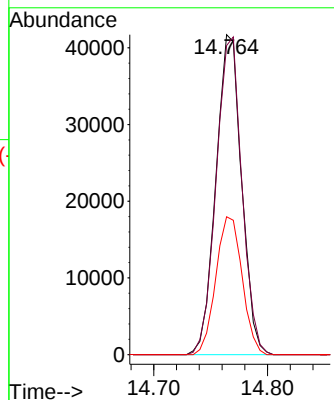
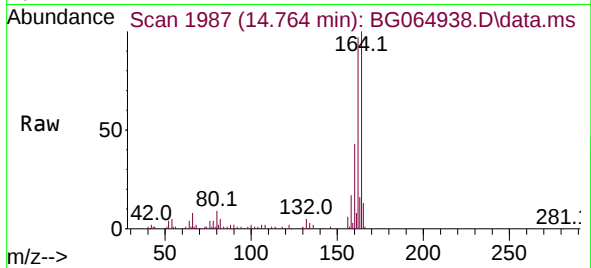




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.764 min Scan# 1987  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

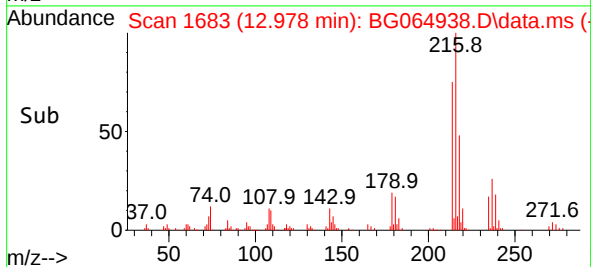
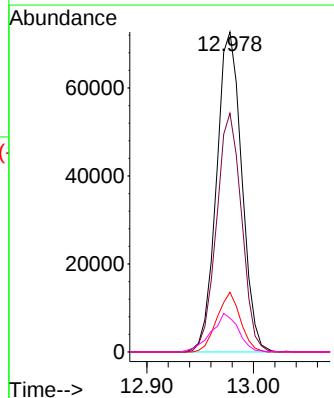
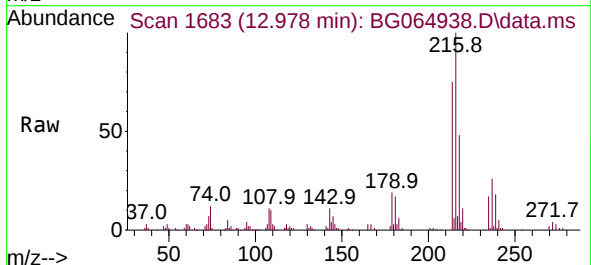
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

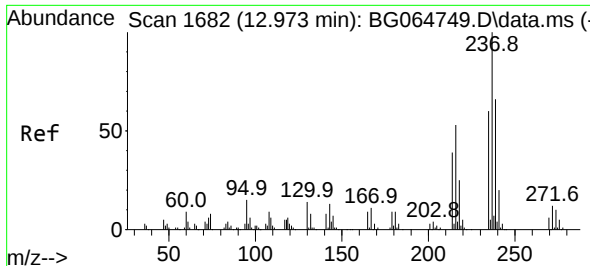
Tgt Ion:164 Resp: 65366  
Ion Ratio Lower Upper  
164 100  
162 96.6 79.8 119.6  
160 43.1 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.983 ng  
RT: 12.978 min Scan# 1683  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

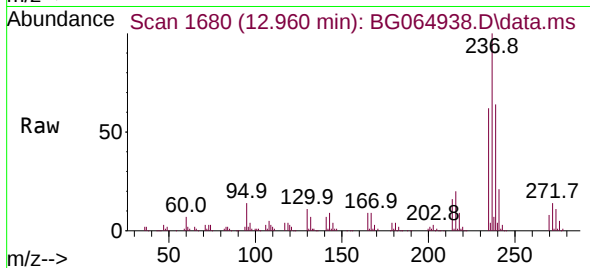
Tgt Ion:216 Resp: 119517  
Ion Ratio Lower Upper  
216 100  
214 74.2 60.5 90.7  
179 17.3 14.7 22.1  
108 12.9 10.6 16.0



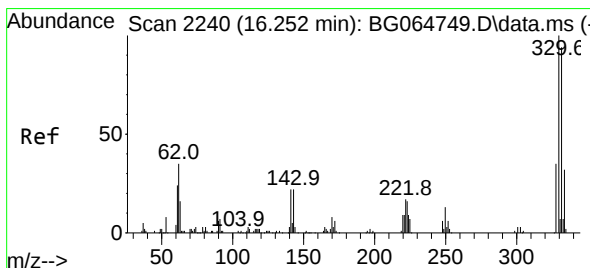
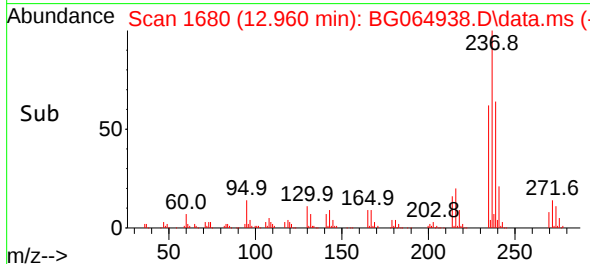
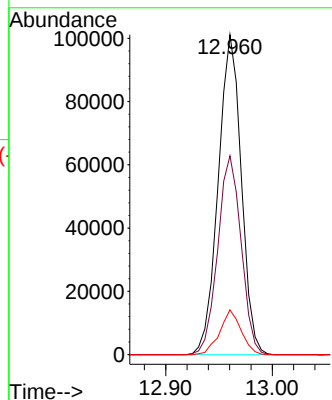


#41  
Hexachlorocyclopentadiene  
Concen: 83.488 ng  
RT: 12.960 min Scan# 1680  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

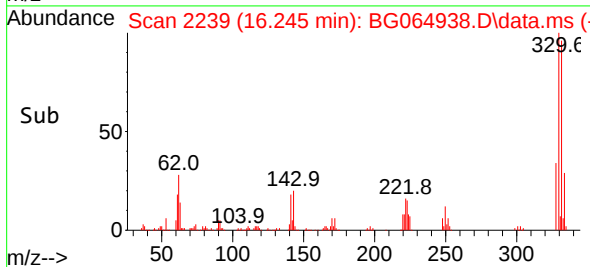
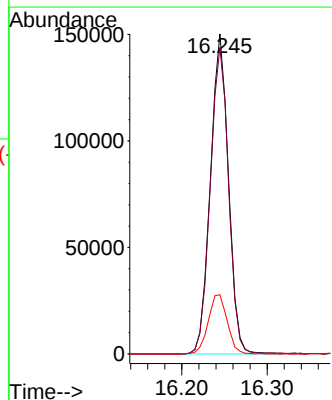
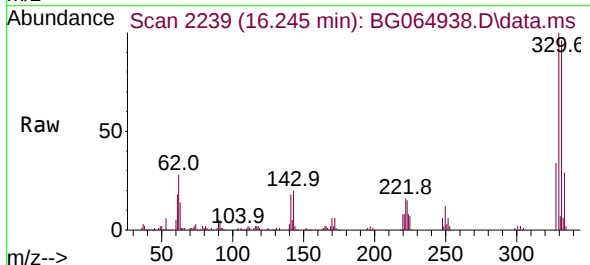


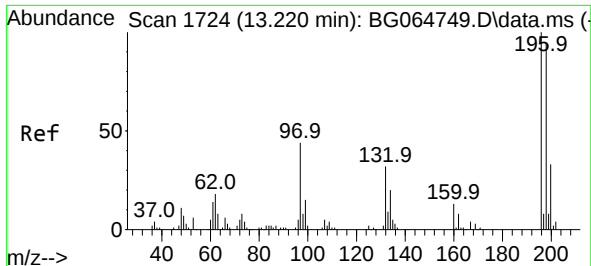
Tgt Ion:237 Resp: 152230  
Ion Ratio Lower Upper  
237 100  
235 62.1 40.2 80.2  
272 14.0 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 172.965 ng  
RT: 16.245 min Scan# 2239  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

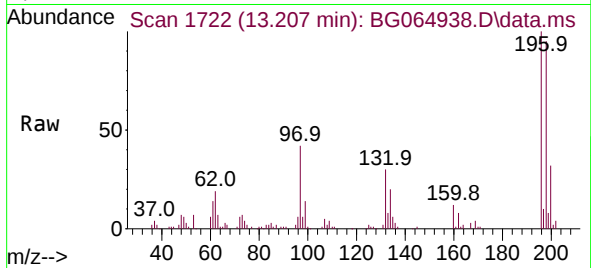
Tgt Ion:330 Resp: 220503  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.6  
141 19.5 18.2 27.2



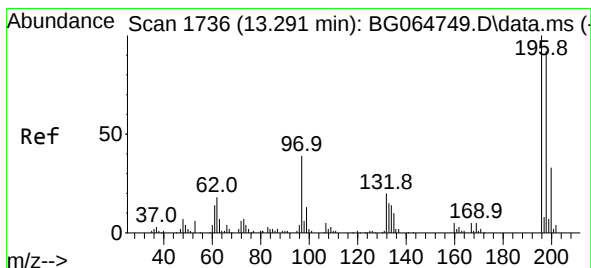
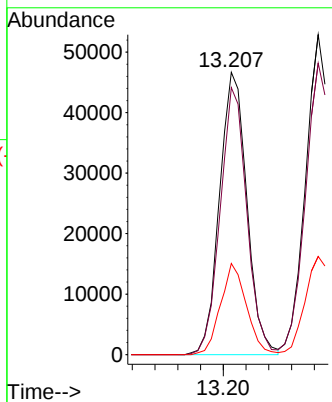
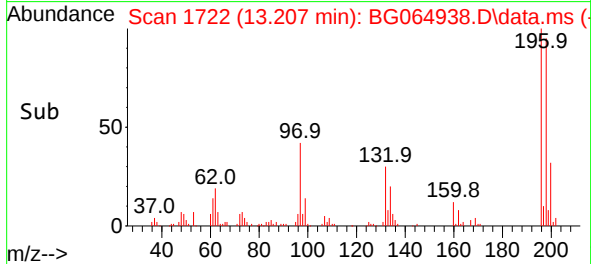


#43  
2,4,6-Trichlorophenol  
Concen: 52.155 ng  
RT: 13.207 min Scan# 1722  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

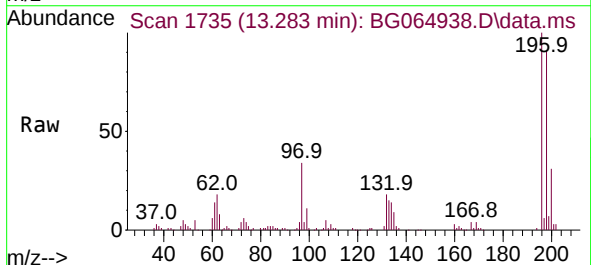
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD



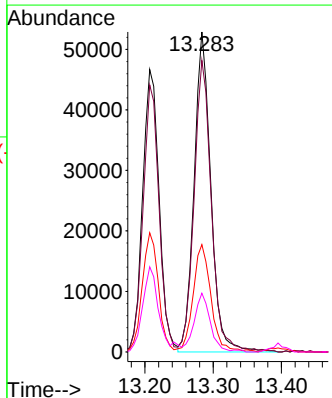
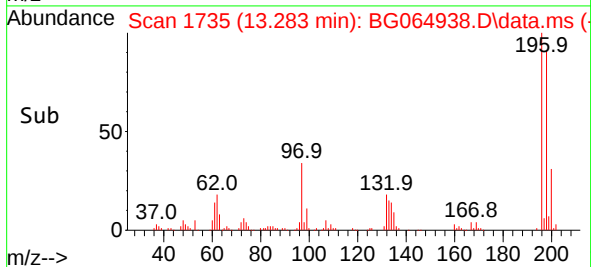
Tgt Ion:196 Resp: 77868  
Ion Ratio Lower Upper  
196 100  
198 94.6 75.3 112.9  
200 32.3 26.2 39.2

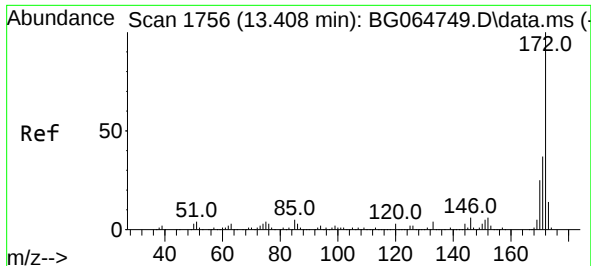


#44  
2,4,5-Trichlorophenol  
Concen: 53.991 ng  
RT: 13.283 min Scan# 1735  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35



Tgt Ion:196 Resp: 90410  
Ion Ratio Lower Upper  
196 100  
198 91.1 73.2 109.8  
97 33.5 31.4 47.0  
132 18.3 15.9 23.9

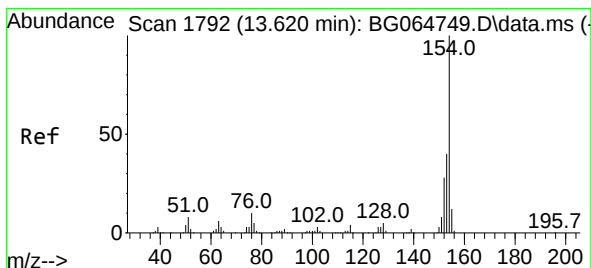
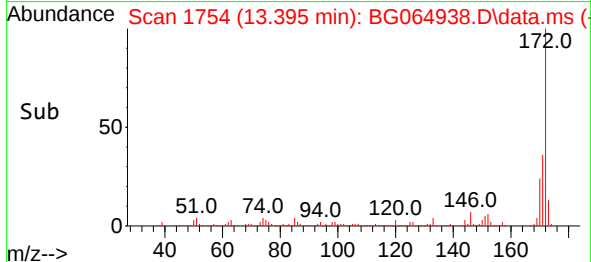
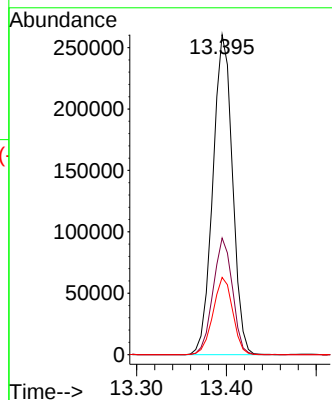
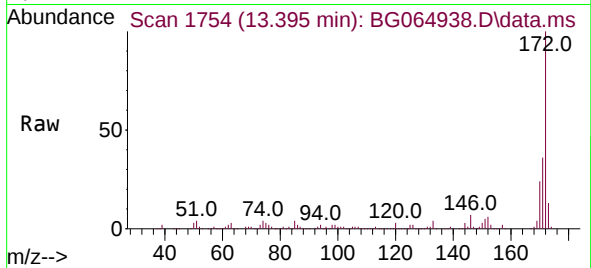




#45  
2-Fluorobiphenyl  
Concen: 84.584 ng  
RT: 13.395 min Scan# 1754  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

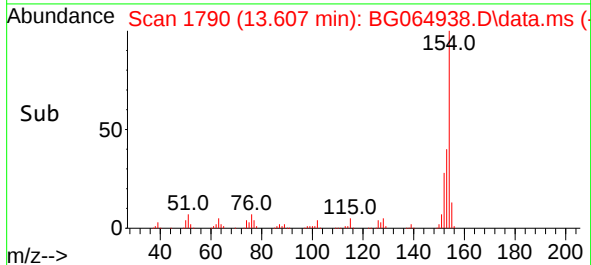
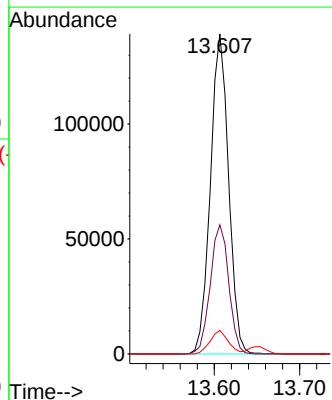
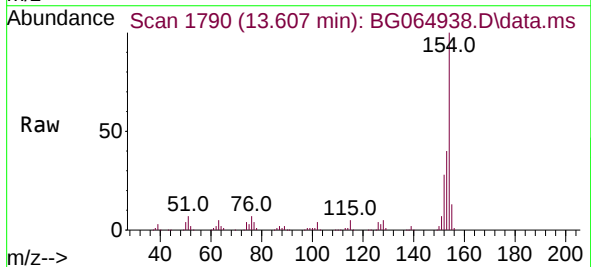
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

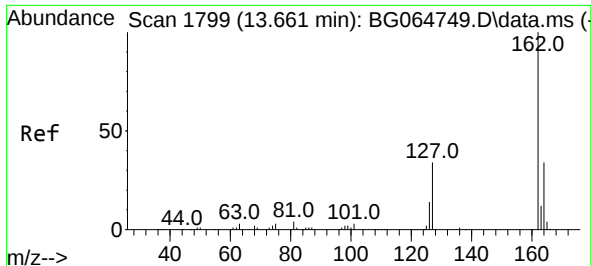
Tgt Ion:172 Resp: 396241  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.9 44.9  
170 24.1 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 43.811 ng  
RT: 13.607 min Scan# 1790  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:154 Resp: 205685  
Ion Ratio Lower Upper  
154 100  
153 40.3 19.8 59.8  
76 7.3 0.0 30.0





#47

2-Chloronaphthalene

Concen: 43.121 ng

RT: 13.654 min Scan# 1799

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

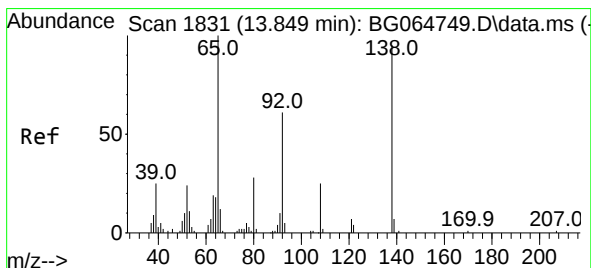
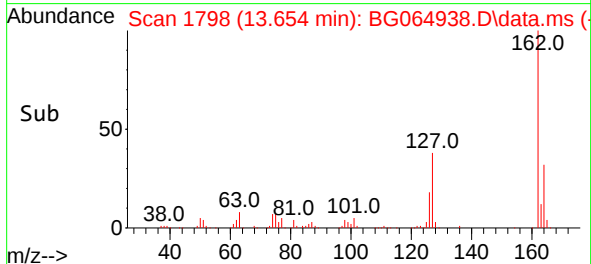
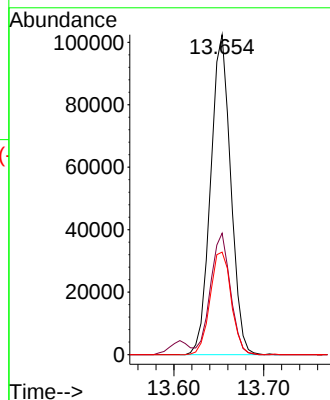
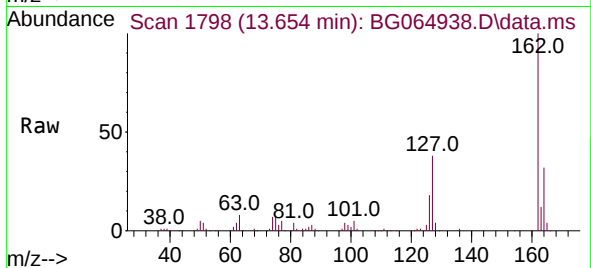
Tgt Ion:162 Resp: 159492

Ion Ratio Lower Upper

162 100

127 37.9 30.3 45.5

164 32.0 26.8 40.2



#48

2-Nitroaniline

Concen: 43.141 ng

RT: 13.842 min Scan# 1830

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

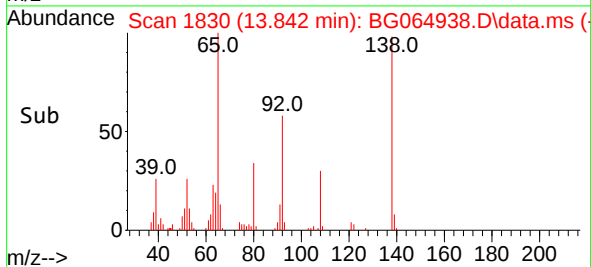
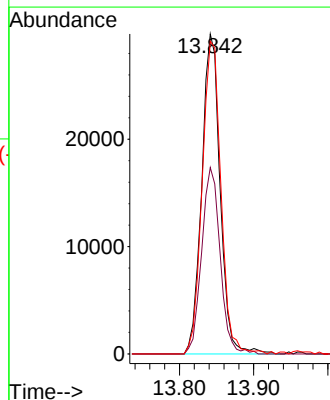
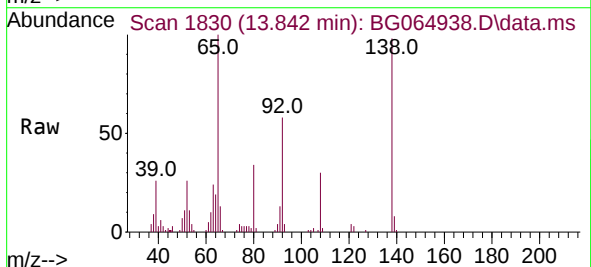
Tgt Ion: 65 Resp: 51323

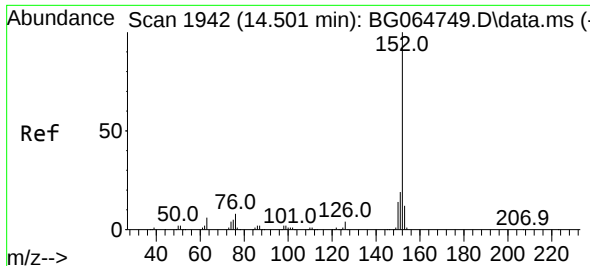
Ion Ratio Lower Upper

65 100

92 58.2 48.6 73.0

138 97.7 76.4 114.6

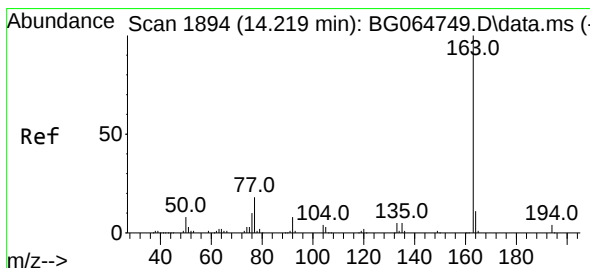
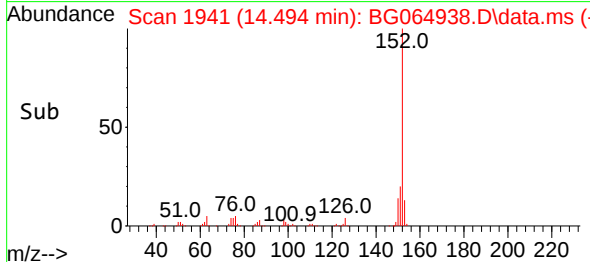
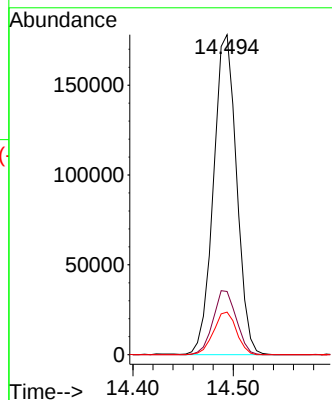
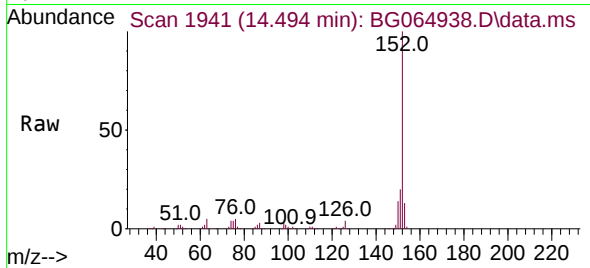




#49  
Acenaphthylene  
Concen: 45.104 ng  
RT: 14.494 min Scan# 1942  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

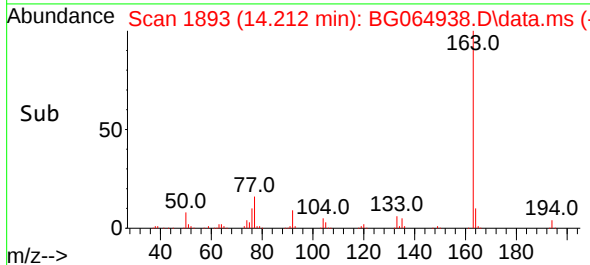
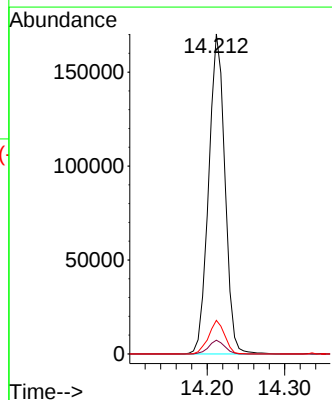
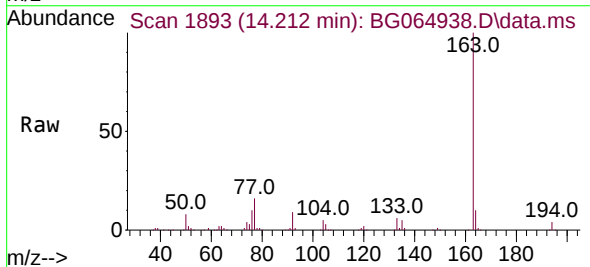
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

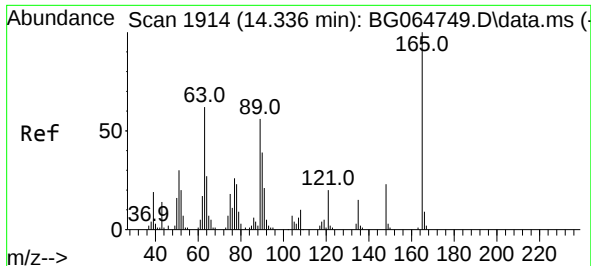
|             |              |
|-------------|--------------|
| Tgt Ion:152 | Resp: 285010 |
| Ion Ratio   | Lower Upper  |
| 152 100     |              |
| 151 19.7    | 15.0 22.4    |
| 153 13.3    | 9.9 14.9     |



#50  
Dimethylphthalate  
Concen: 47.952 ng  
RT: 14.212 min Scan# 1893  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|             |              |
|-------------|--------------|
| Tgt Ion:163 | Resp: 247598 |
| Ion Ratio   | Lower Upper  |
| 163 100     |              |
| 194 4.3     | 3.1 4.7      |
| 164 10.5    | 8.6 12.8     |

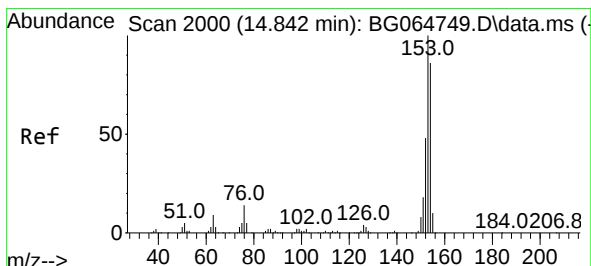
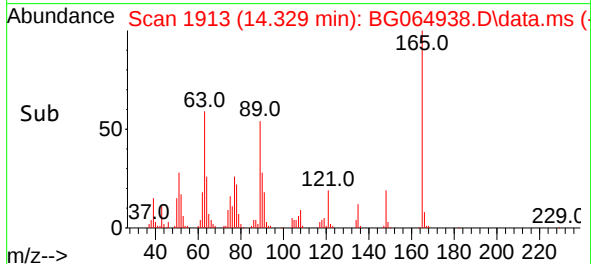
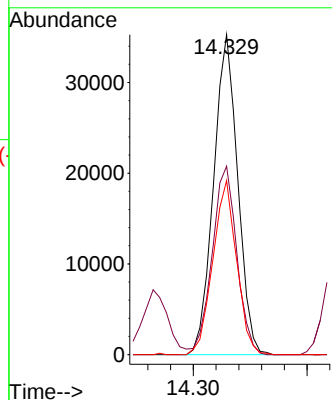
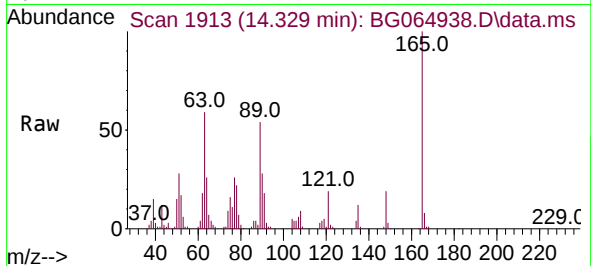




#51  
2,6-Dinitrotoluene  
Concen: 52.239 ng  
RT: 14.329 min Scan# 1914  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

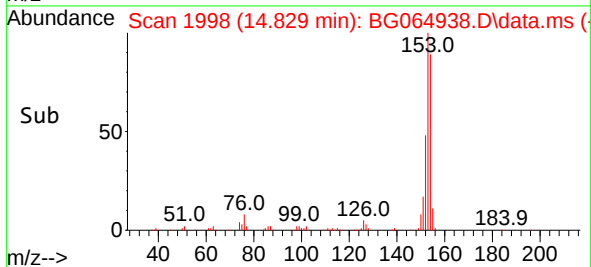
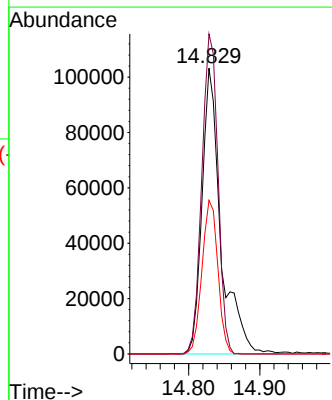
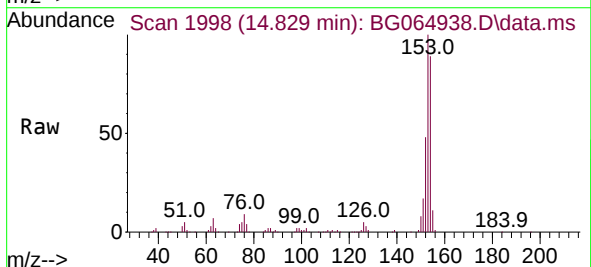
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

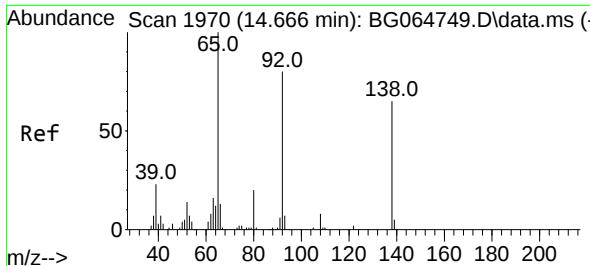
Tgt Ion:165 Resp: 51904  
Ion Ratio Lower Upper  
165 100  
63 58.9 49.8 74.8  
89 54.4 45.0 67.4



#52  
Acenaphthene  
Concen: 50.313 ng  
RT: 14.829 min Scan# 1998  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:154 Resp: 190622  
Ion Ratio Lower Upper  
154 100  
153 112.0 93.0 139.4  
152 53.7 44.4 66.6

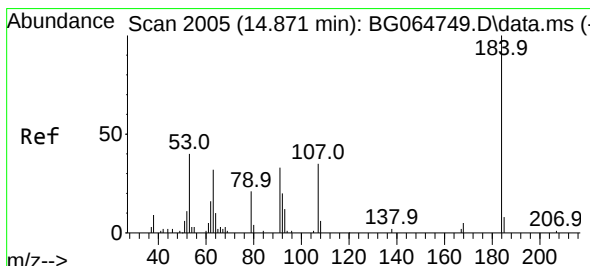
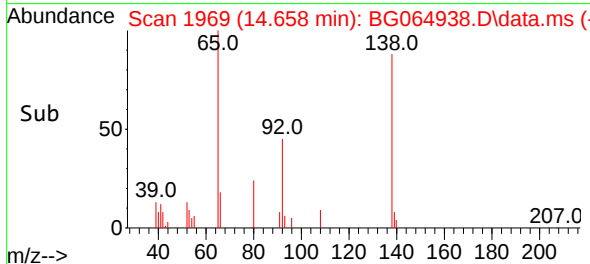
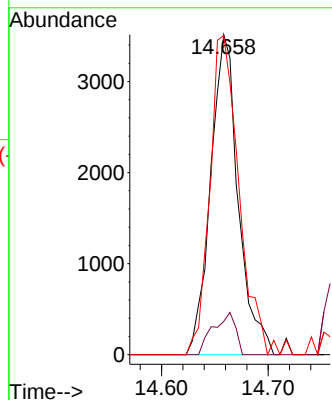
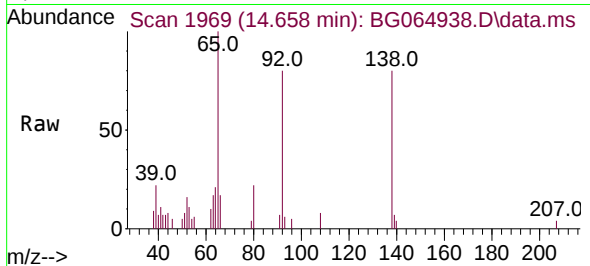




#53  
3-Nitroaniline  
Concen: 6.453 ng  
RT: 14.658 min Scan# 1970  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

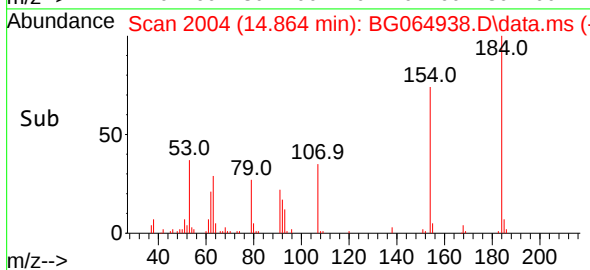
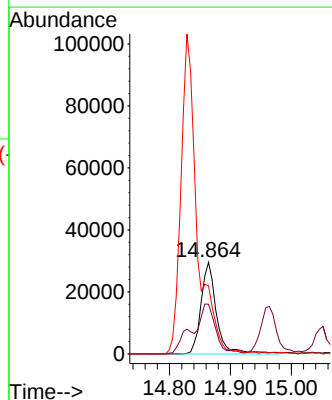
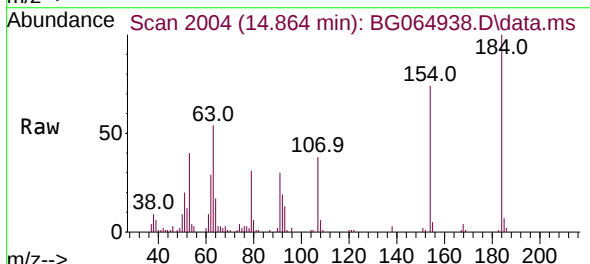
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

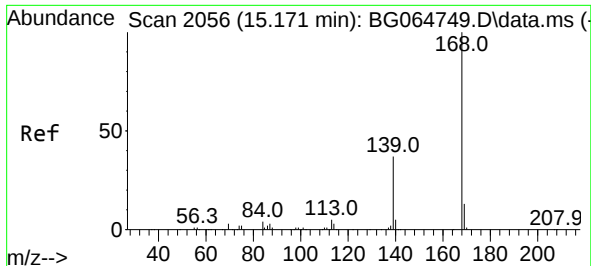
Tgt Ion:138 Resp: 6328  
Ion Ratio Lower Upper  
138 100  
108 10.4 9.5 14.3  
92 99.8 99.0 148.4



#54  
2,4-Dinitrophenol  
Concen: 76.769 ng  
RT: 14.864 min Scan# 2004  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:184 Resp: 51985  
Ion Ratio Lower Upper  
184 100  
63 54.2 45.8 68.6  
154 74.4 52.6 78.8

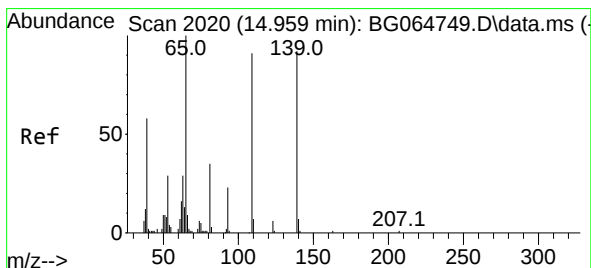
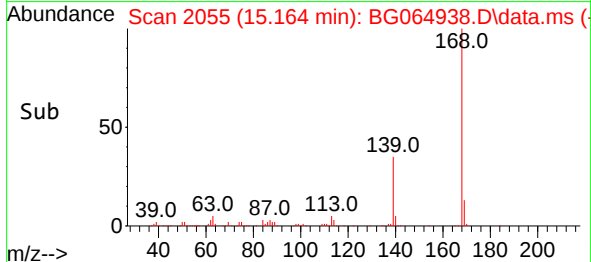
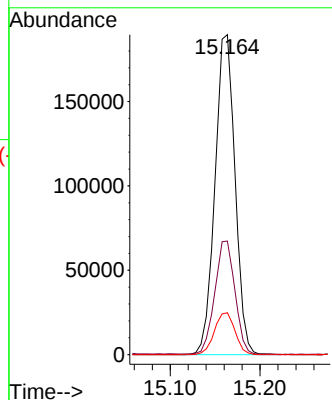
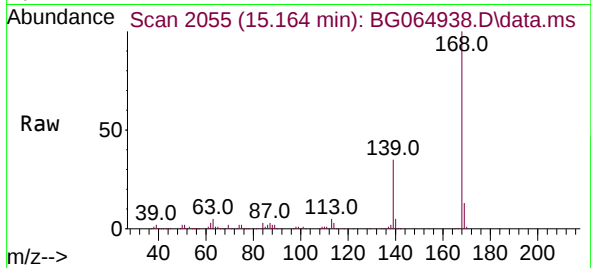




#55  
Dibenzofuran  
Concen: 47.111 ng  
RT: 15.164 min Scan# 2056  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

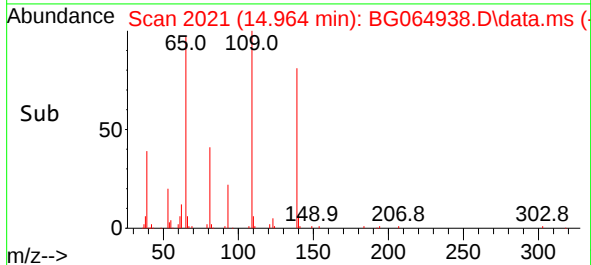
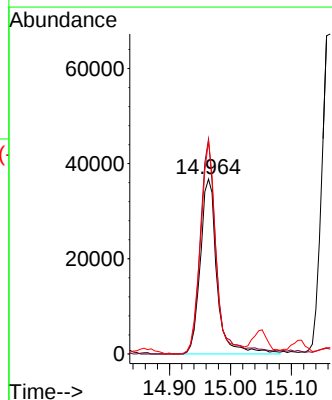
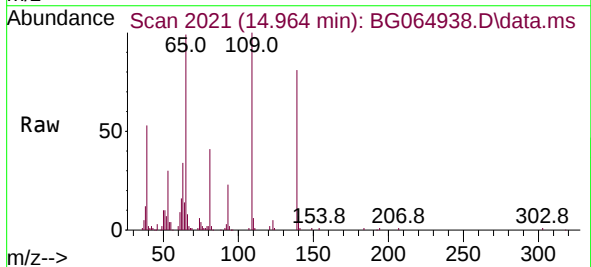
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

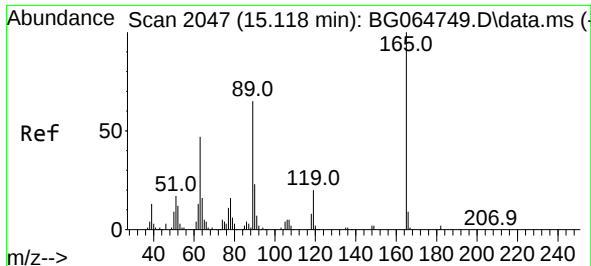
Tgt Ion:168 Resp: 295085  
Ion Ratio Lower Upper  
168 100  
139 35.5 29.5 44.3  
169 13.1 10.4 15.6



#56  
4-Nitrophenol  
Concen: 89.533 ng  
RT: 14.964 min Scan# 2021  
Delta R.T. 0.005 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:139 Resp: 69661  
Ion Ratio Lower Upper  
139 100  
109 122.9 79.7 119.7#  
65 121.9 89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 50.811 ng

RT: 15.111 min Scan# 2046

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

Tgt Ion:165 Resp: 75686

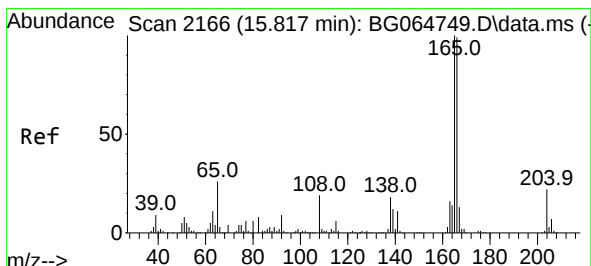
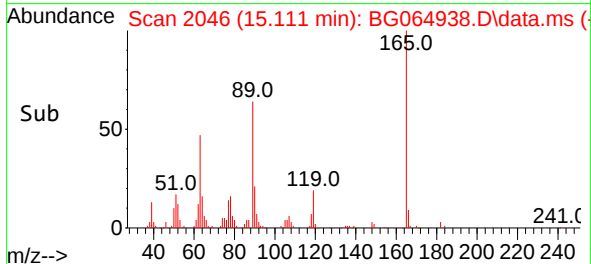
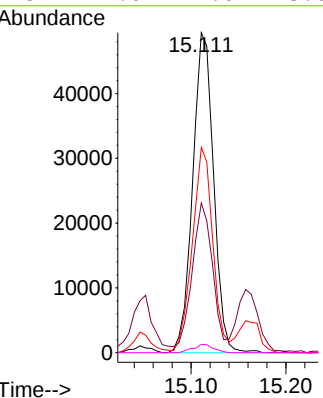
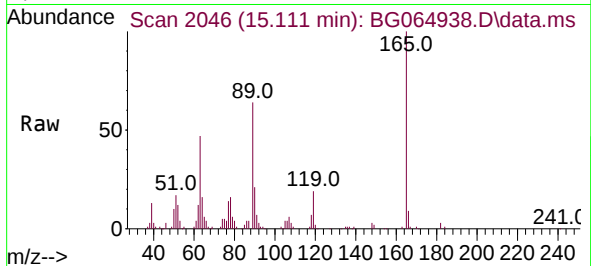
Ion Ratio Lower Upper

165 100

63 46.8 37.8 56.6

89 64.1 51.6 77.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 47.695 ng

RT: 15.804 min Scan# 2164

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

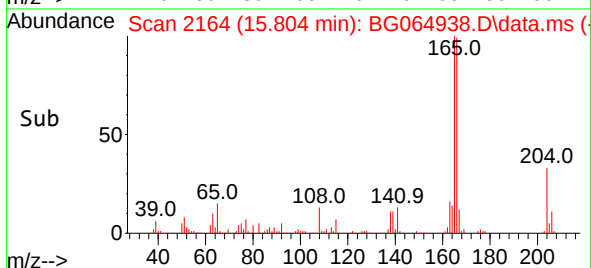
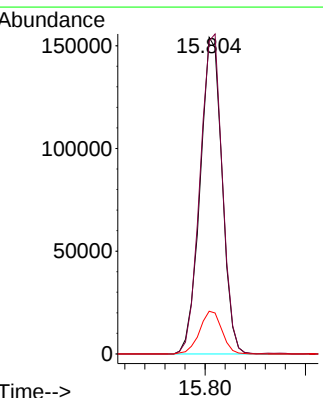
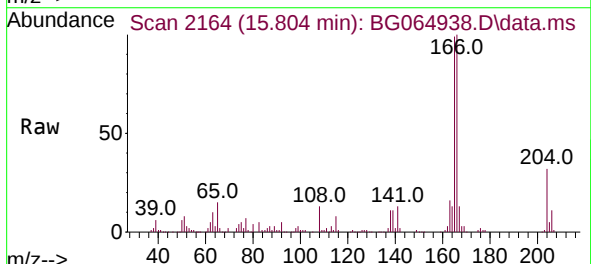
Tgt Ion:166 Resp: 234305

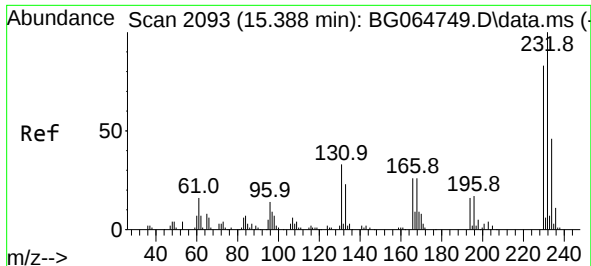
Ion Ratio Lower Upper

166 100

165 98.8 80.5 120.7

167 13.5 10.3 15.5

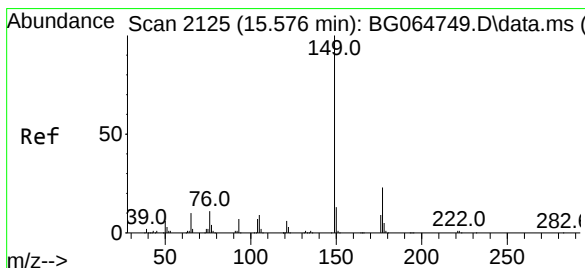
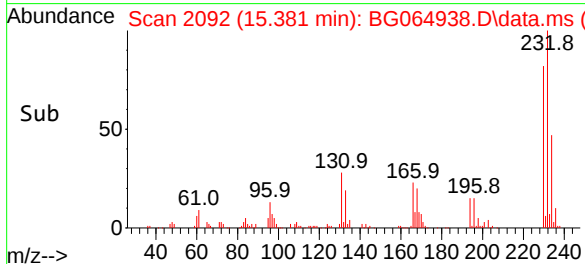
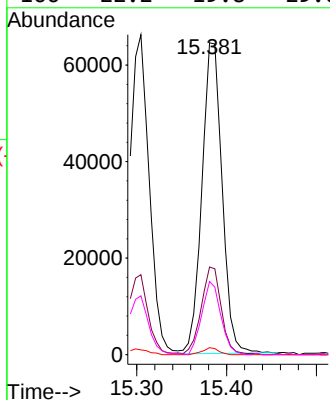
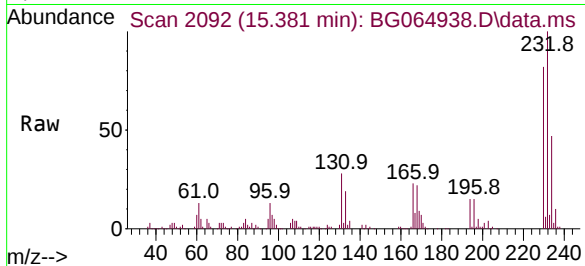




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.970 ng  
RT: 15.381 min Scan# 2093  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

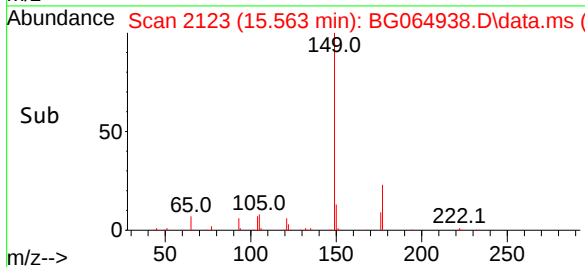
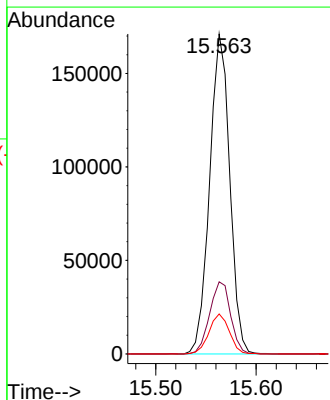
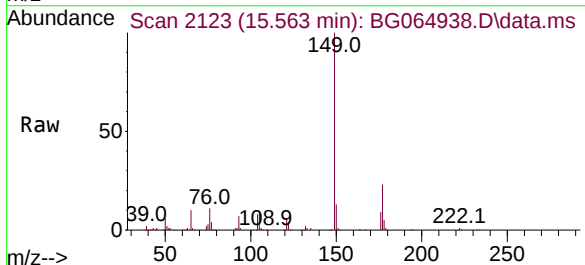
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

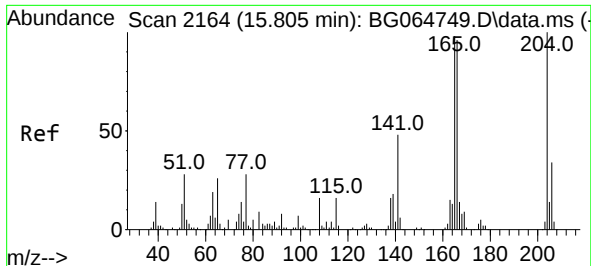
Tgt Ion:232 Resp: 100733  
Ion Ratio Lower Upper  
232 100  
131 28.2 26.0 39.0  
130 1.7 1.6 2.4  
166 22.2 19.8 29.6



#60  
Diethylphthalate  
Concen: 48.146 ng  
RT: 15.563 min Scan# 2123  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:149 Resp: 238151  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.4 27.6  
150 12.5 10.1 15.1

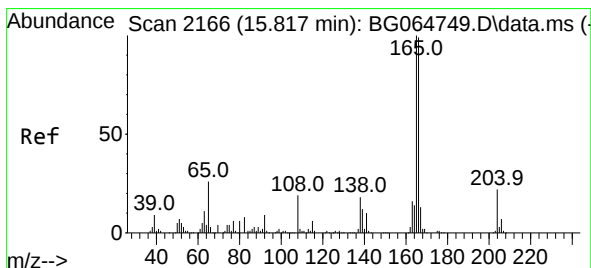
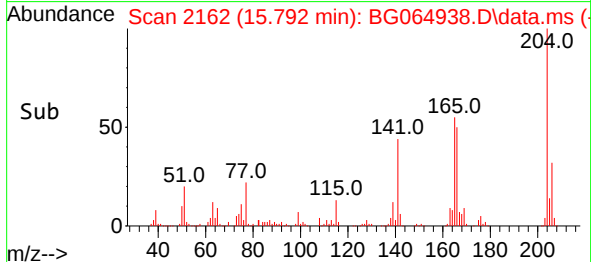
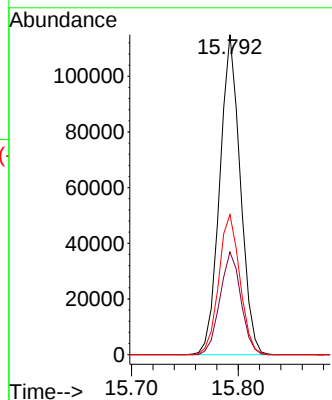
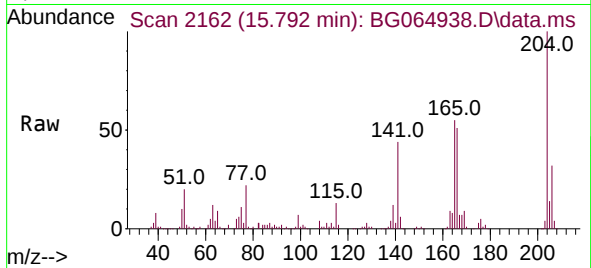




#61  
4-Chlorophenyl-phenylether  
Concen: 52.214 ng  
RT: 15.792 min Scan# 2162  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

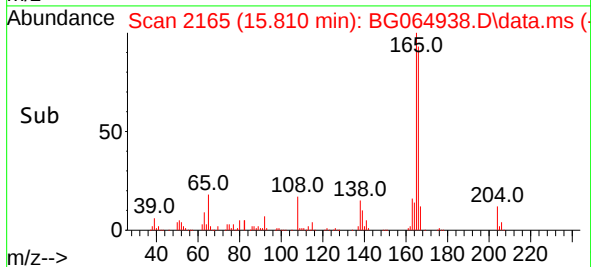
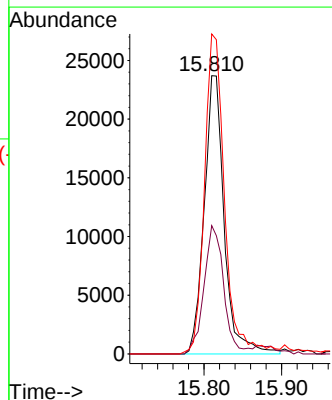
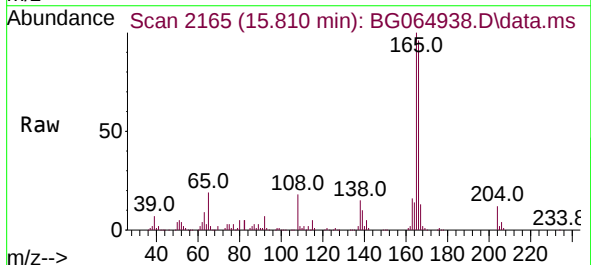
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

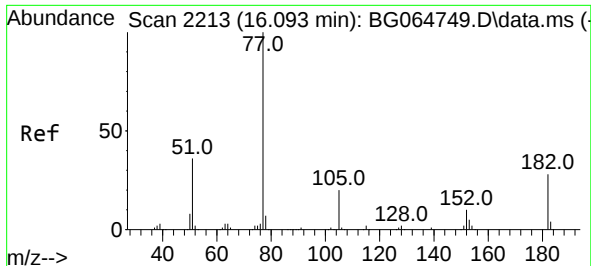
Tgt Ion:204 Resp: 153940  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.9 40.3  
141 43.8 38.1 57.1



#62  
4-Nitroaniline  
Concen: 41.793 ng  
RT: 15.810 min Scan# 2165  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:138 Resp: 42458  
Ion Ratio Lower Upper  
138 100  
92 46.1 30.7 70.7  
108 115.0 85.7 125.7

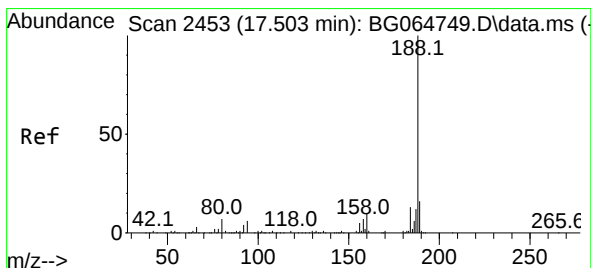
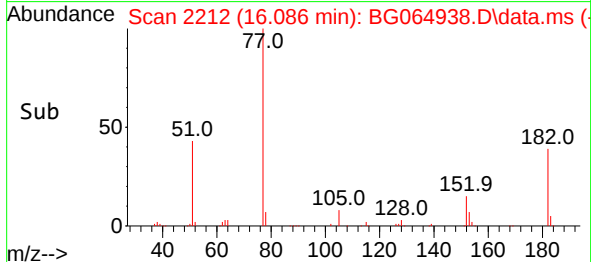
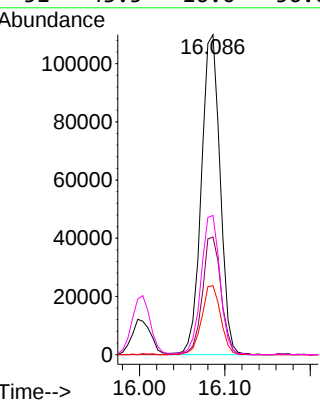
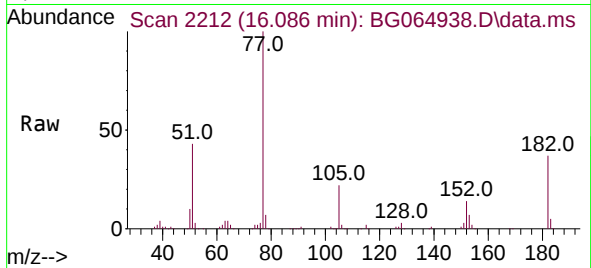




#63  
Azobenzene  
Concen: 40.799 ng  
RT: 16.086 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

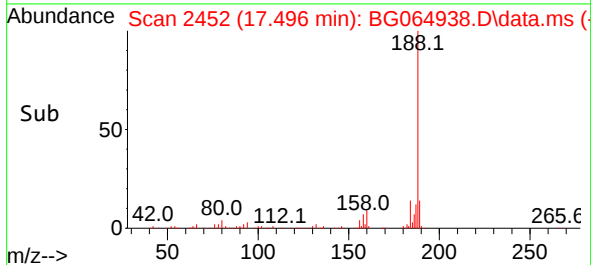
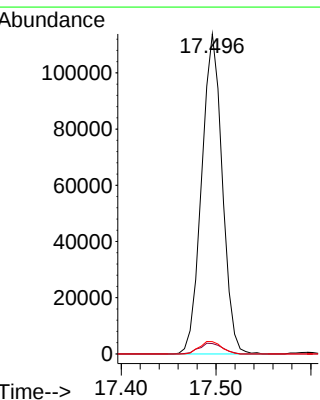
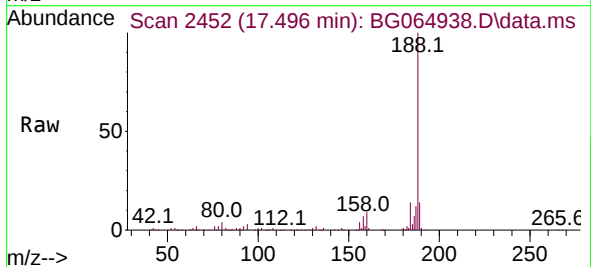
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

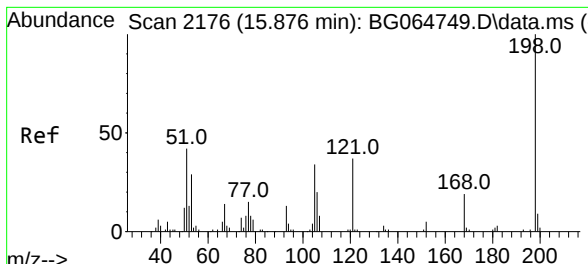
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 167856 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 36.7    | 8.1 48.1     |
| 105 21.5    | 0.1 40.1     |
| 51 43.5     | 16.0 56.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.496 min Scan# 2452  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:188 | Resp: | 171791 |       |
| Ion         | Ratio | Lower  | Upper |
| 188         | 100   |        |       |
| 94          | 3.2   | 4.7    | 7.1#  |
| 80          | 3.8   | 5.4    | 8.2#  |

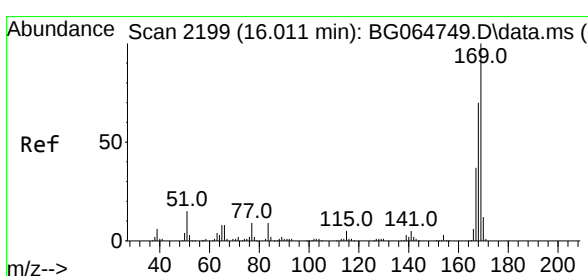
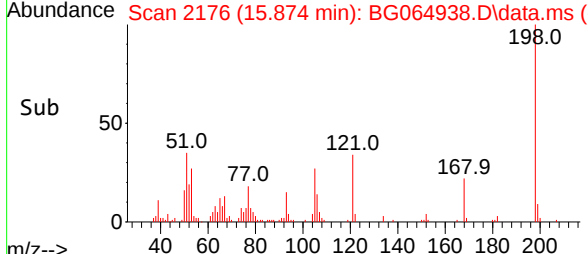
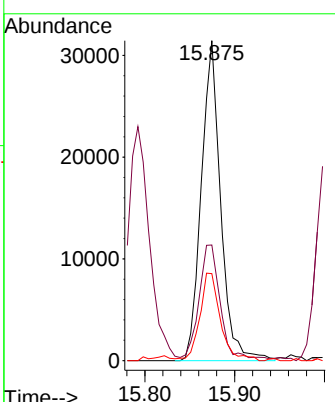
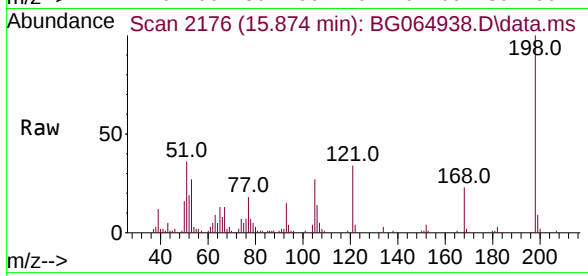




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.423 ng  
 RT: 15.874 min Scan# 2176  
 Delta R.T. -0.001 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

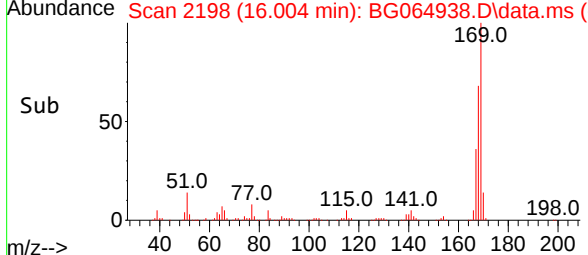
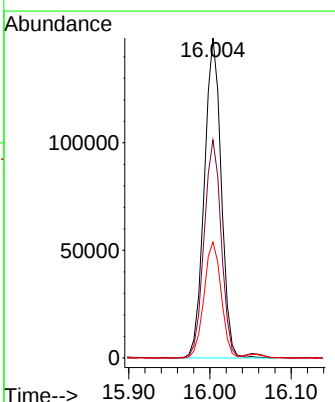
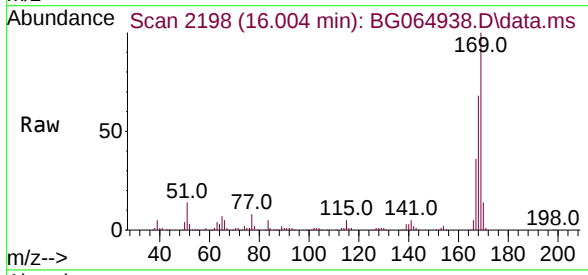
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

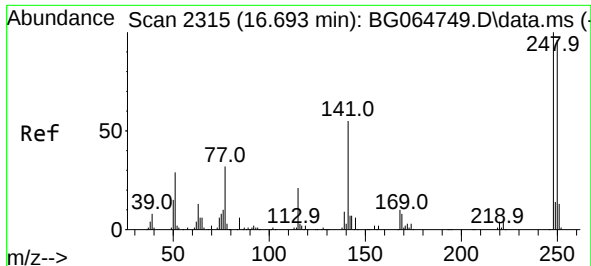
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 47141     |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 36.1  | 25.2 65.2 |
| 105         | 27.2  | 14.2 54.2 |



#66  
 n-Nitrosodiphenylamine  
 Concen: 47.753 ng  
 RT: 16.004 min Scan# 2198  
 Delta R.T. -0.007 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 214876    |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 68.1  | 55.9 83.9 |
| 167         | 36.2  | 29.8 44.6 |

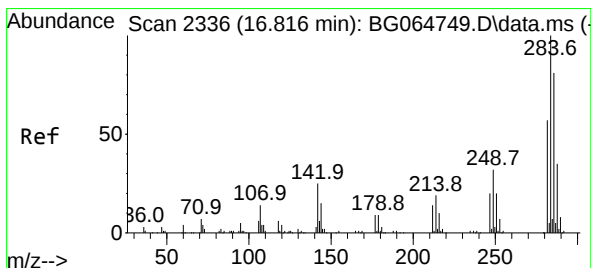
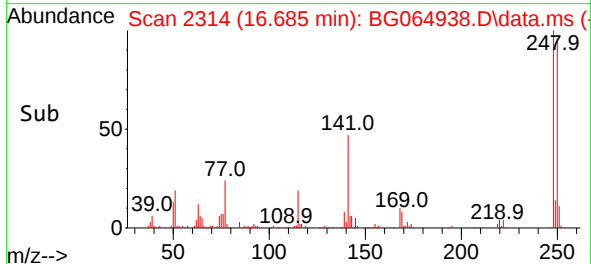
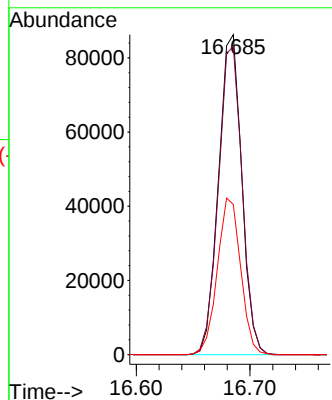
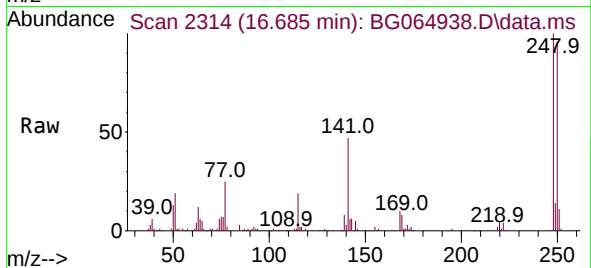




#67  
4-Bromophenyl-phenylether  
Concen: 54.224 ng  
RT: 16.685 min Scan# 2314  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

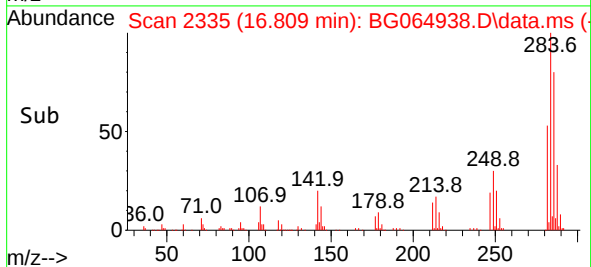
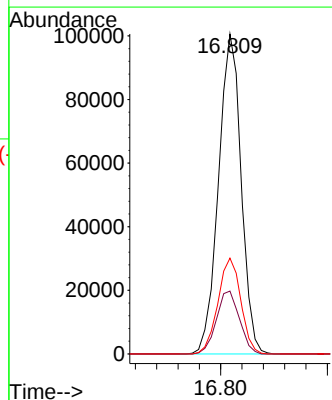
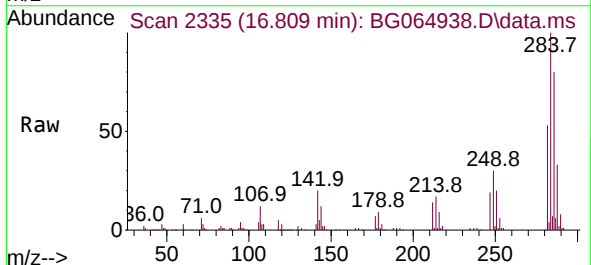
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

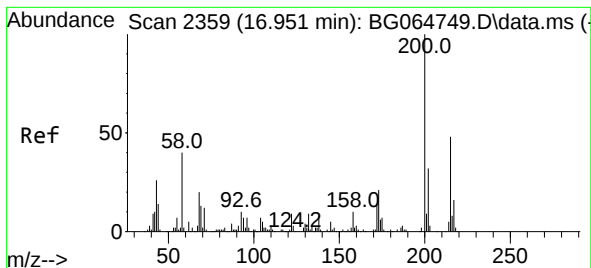
Tgt Ion:248 Resp: 122330  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.0 115.6  
141 46.9 43.7 65.5



#68  
Hexachlorobenzene  
Concen: 54.270 ng  
RT: 16.809 min Scan# 2335  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:284 Resp: 148334  
Ion Ratio Lower Upper  
284 100  
142 19.6 19.7 29.5#  
249 29.9 28.1 42.1





#69

Atrazine

Concen: 42.573 ng

RT: 16.944 min Scan# 2358

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

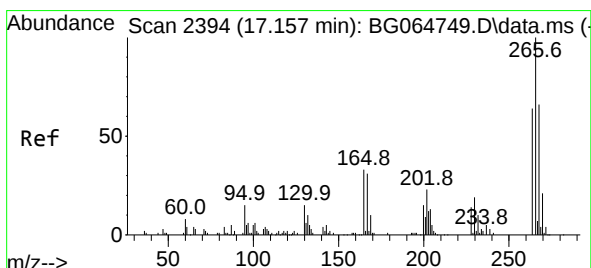
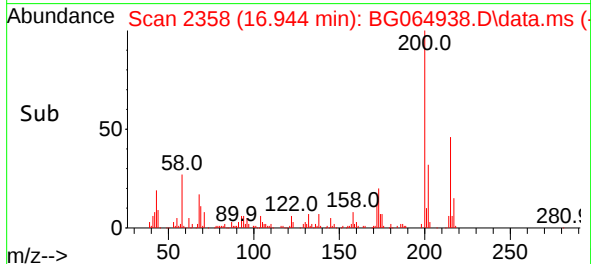
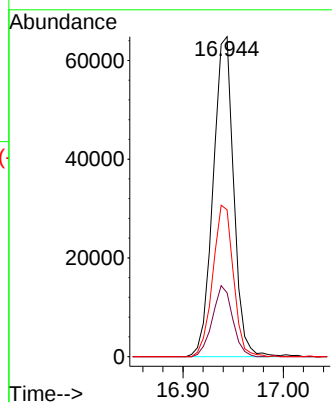
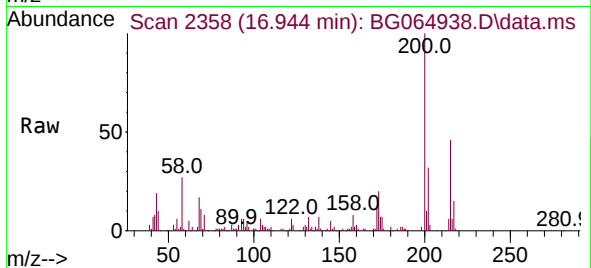
Tgt Ion:200 Resp: 92361

Ion Ratio Lower Upper

200 100

173 19.9 0.9 40.9

215 45.9 27.5 67.5



#70

Pentachlorophenol

Concen: 97.967 ng

RT: 17.149 min Scan# 2393

Delta R.T. -0.008 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

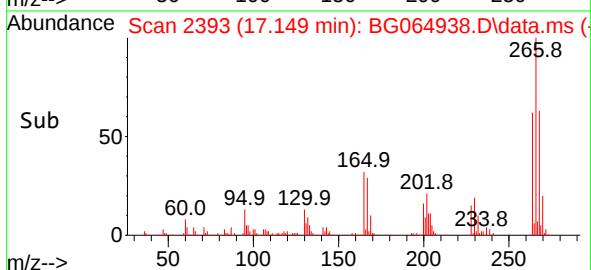
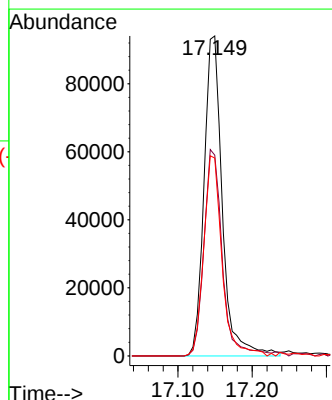
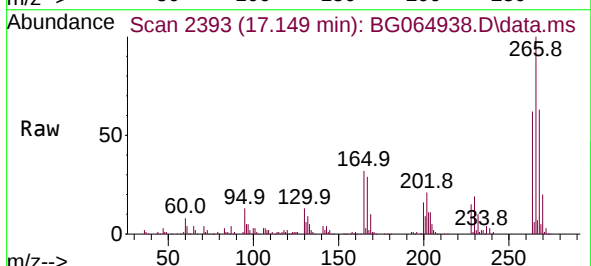
Tgt Ion:266 Resp: 160875

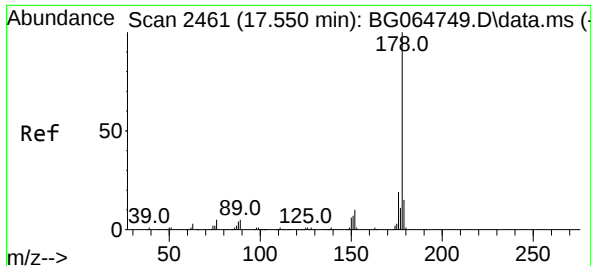
Ion Ratio Lower Upper

266 100

268 67.5 56.1 84.1

264 61.9 51.2 76.8

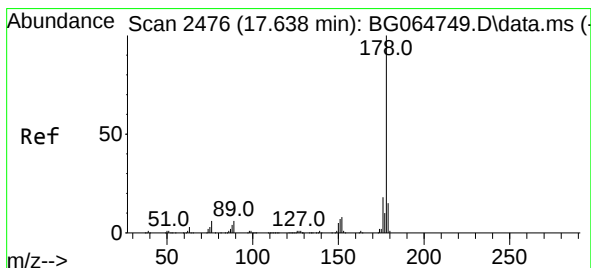
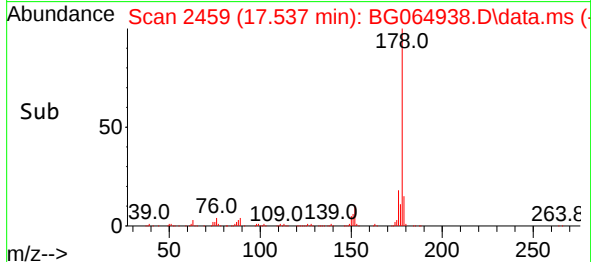
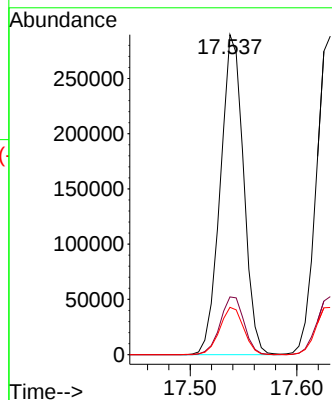
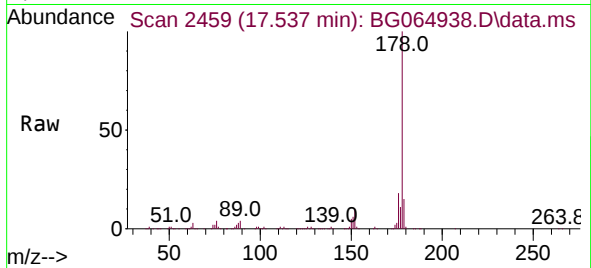




#71  
Phenanthrene  
Concen: 46.580 ng  
RT: 17.537 min Scan# 2461  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

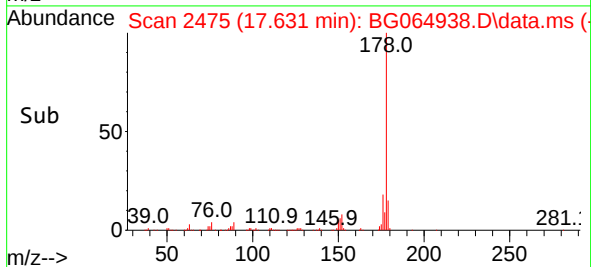
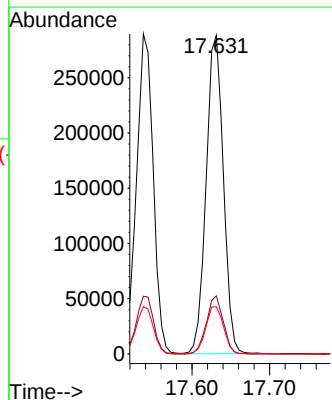
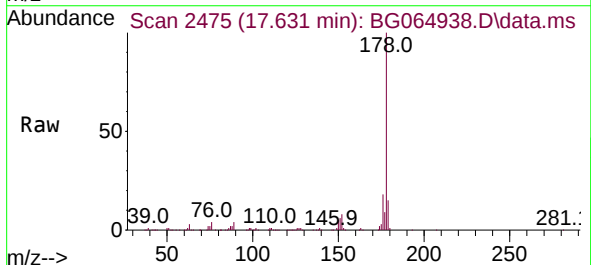
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

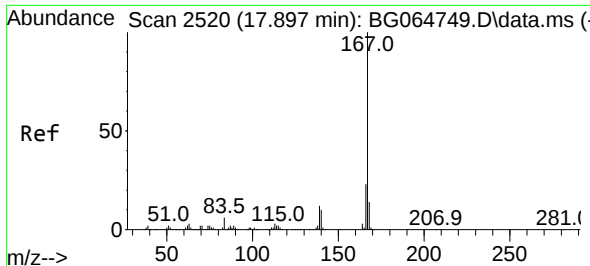
Tgt Ion:178 Resp: 437819  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.8 22.2  
179 14.8 12.2 18.4



#72  
Anthracene  
Concen: 46.424 ng  
RT: 17.631 min Scan# 2475  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:178 Resp: 444938  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.5 21.7  
179 14.8 12.2 18.4

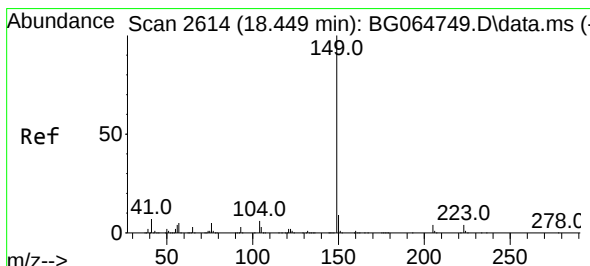
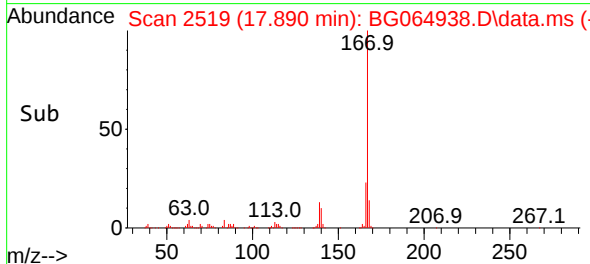
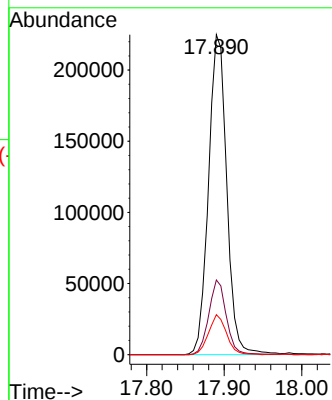
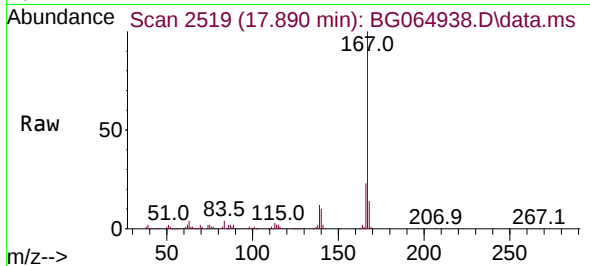




#73  
 Carbazole  
 Concen: 44.532 ng  
 RT: 17.890 min Scan# 2519  
 Delta R.T. -0.007 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

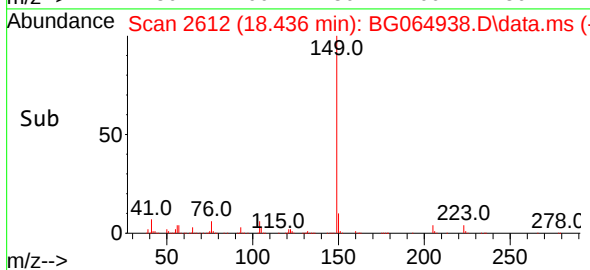
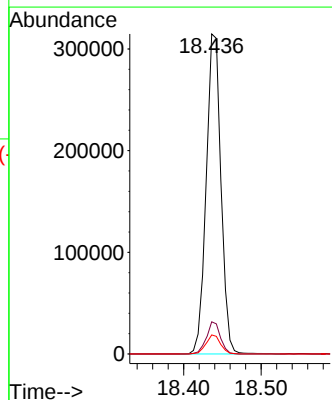
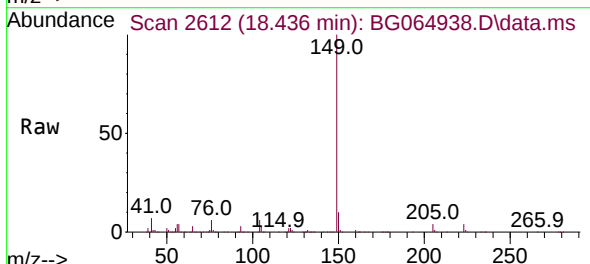
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

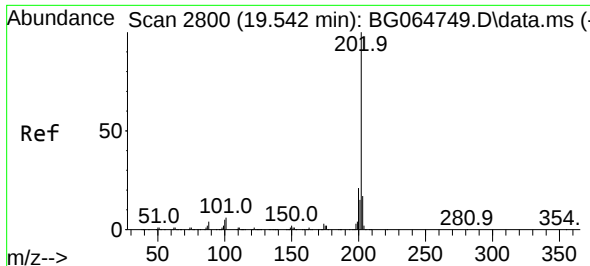
Tgt Ion:167 Resp: 366909  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.0 27.0  
 139 12.5 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 45.221 ng  
 RT: 18.436 min Scan# 2612  
 Delta R.T. -0.013 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

Tgt Ion:149 Resp: 415672  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.5 11.3  
 104 5.9 4.4 6.6

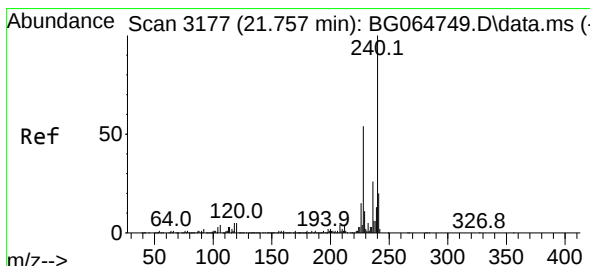
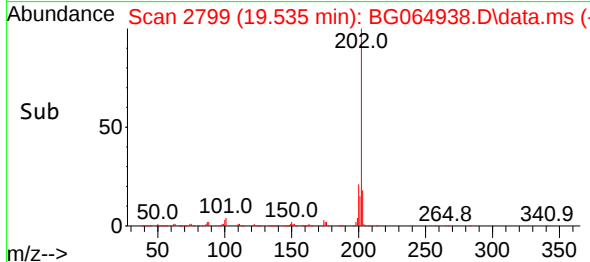
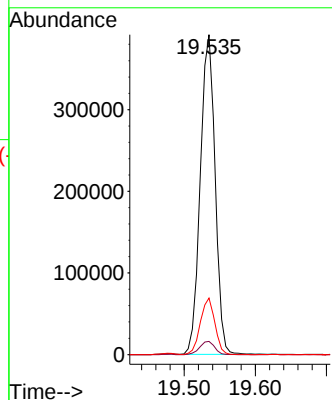
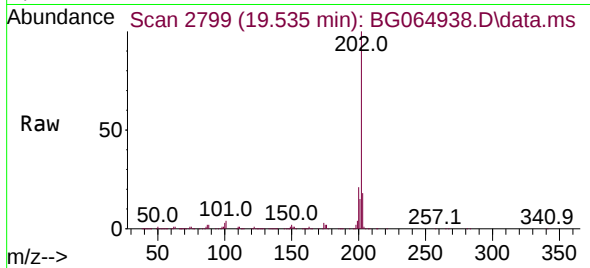




#75  
Fluoranthene  
Concen: 43.989 ng  
RT: 19.535 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

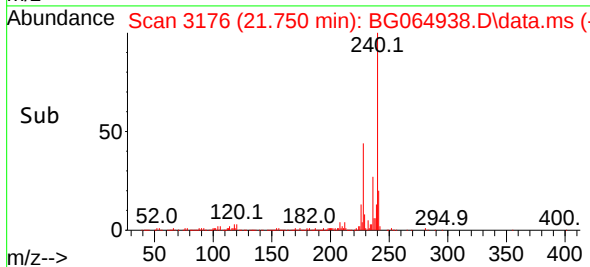
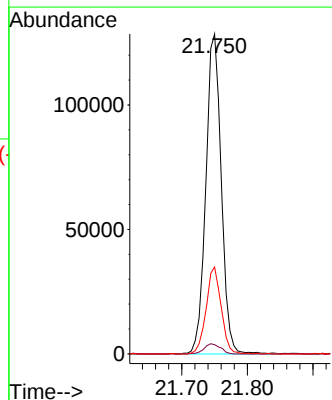
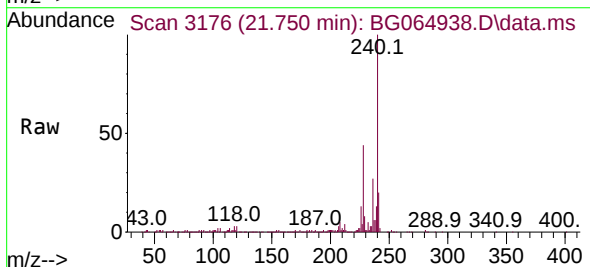
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

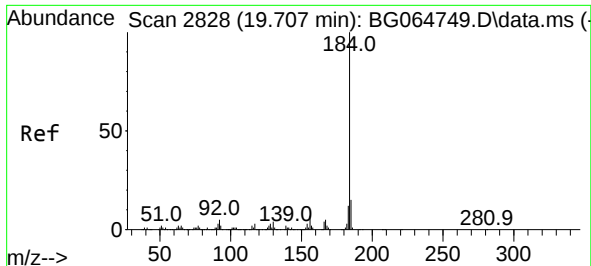
Tgt Ion:202 Resp: 565393  
Ion Ratio Lower Upper  
202 100  
101 4.1 0.0 26.4  
203 17.7 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.750 min Scan# 3176  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:240 Resp: 209105  
Ion Ratio Lower Upper  
240 100  
120 2.9 4.2 6.4#  
236 27.2 20.8 31.2

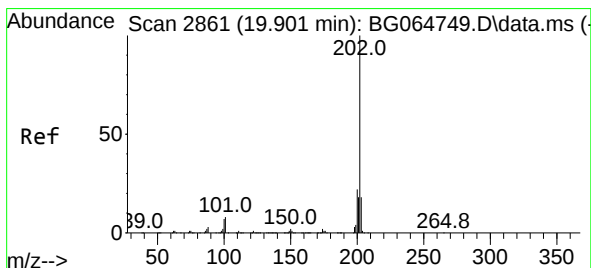
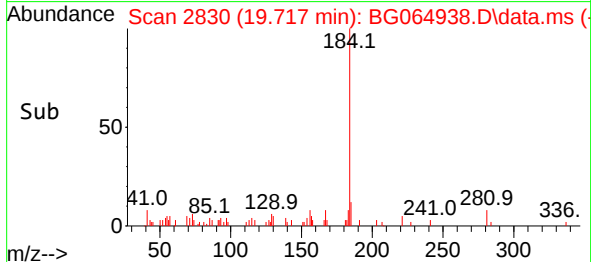
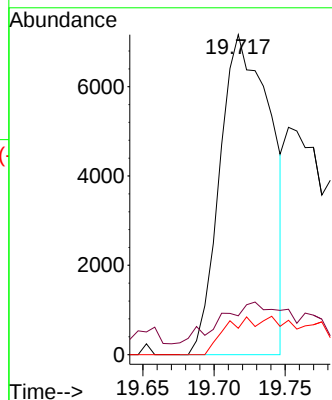
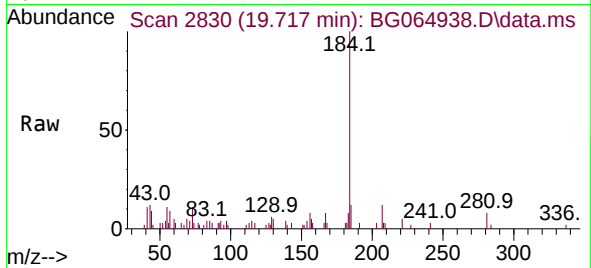




#77  
Benzidine  
Concen: 2.857 ng  
RT: 19.717 min Scan# 2828  
Delta R.T. 0.010 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

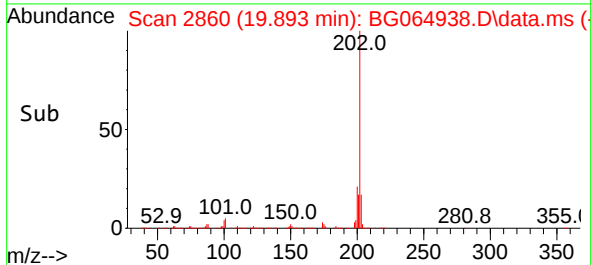
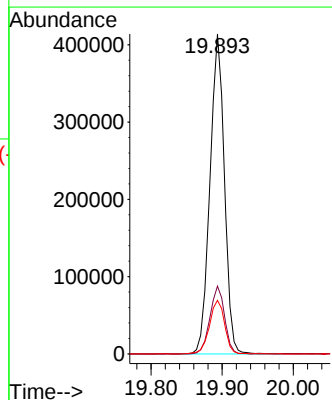
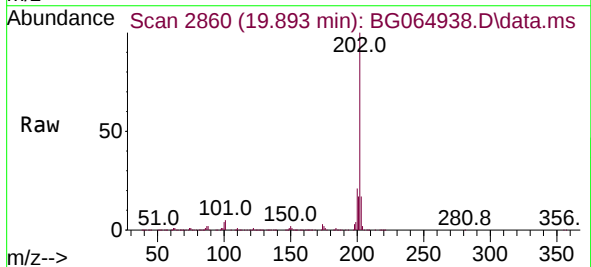
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

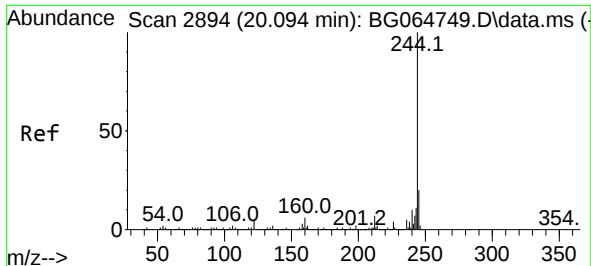
Tgt Ion:184 Resp: 17890  
Ion Ratio Lower Upper  
184 100  
185 12.1 11.8 17.6  
183 8.2 9.8 14.6#



#78  
Pyrene  
Concen: 49.780 ng  
RT: 19.893 min Scan# 2860  
Delta R.T. -0.007 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:202 Resp: 583394  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.9 26.9  
203 16.8 14.0 21.0

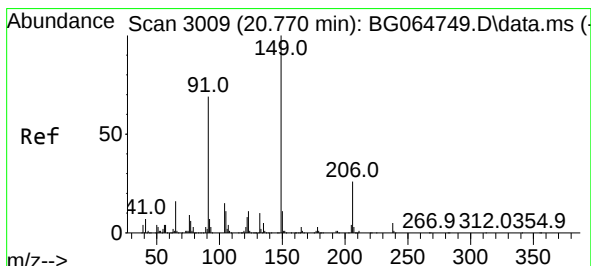
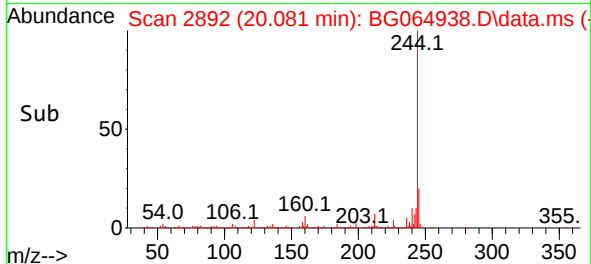
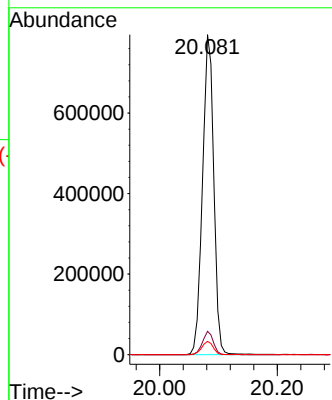
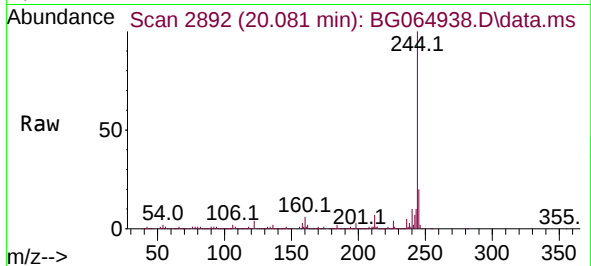




#79  
 Terphenyl-d14  
 Concen: 99.072 ng  
 RT: 20.081 min Scan# 2894  
 Delta R.T. -0.013 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

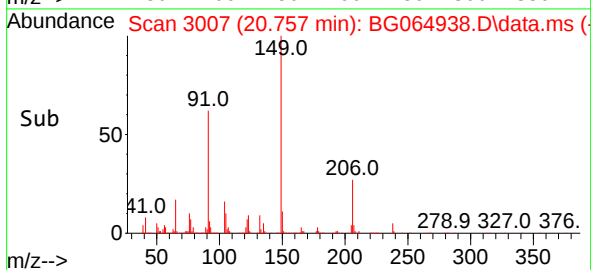
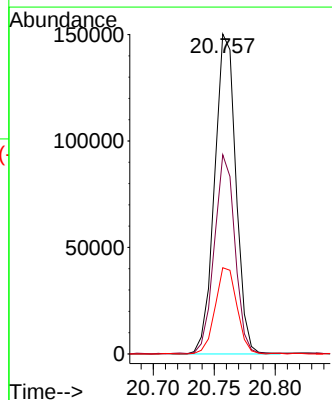
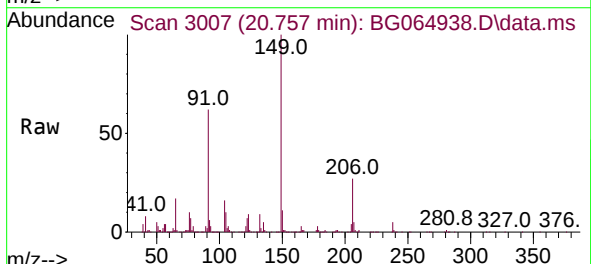
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5MSD

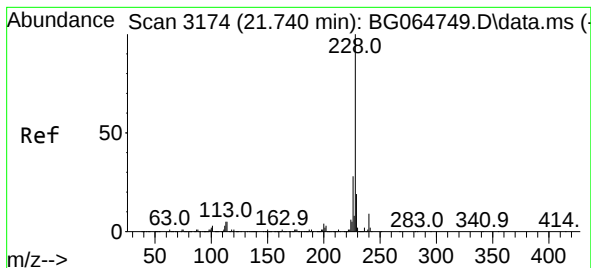
Tgt Ion:244 Resp: 1053146  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 4.2 4.3 6.5#



#80  
 Butylbenzylphthalate  
 Concen: 44.353 ng  
 RT: 20.757 min Scan# 3007  
 Delta R.T. -0.013 min  
 Lab File: BG064938.D  
 Acq: 11 Dec 2025 17:35

Tgt Ion:149 Resp: 182831  
 Ion Ratio Lower Upper  
 149 100  
 91 62.2 54.9 82.3  
 206 26.9 21.2 31.8





#81

Benzo(a)anthracene

Concen: 46.800 ng

RT: 21.726 min Scan# 3172

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

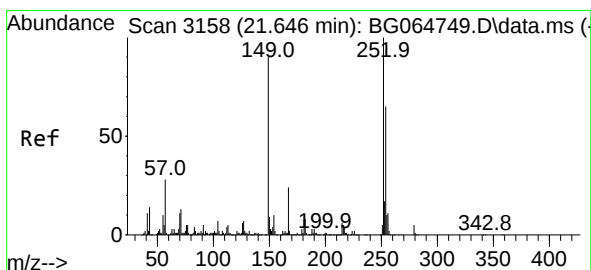
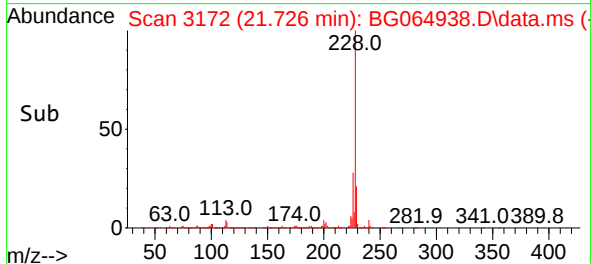
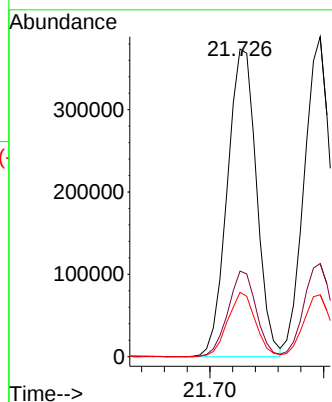
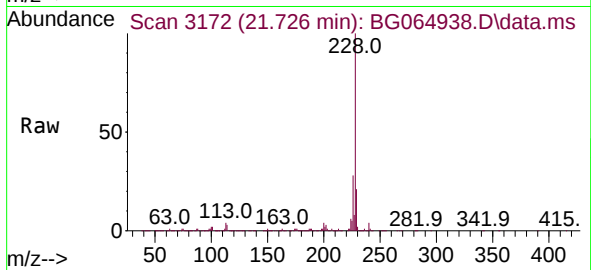
Tgt Ion:228 Resp: 665418

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 20.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 13.050 ng

RT: 21.632 min Scan# 3156

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

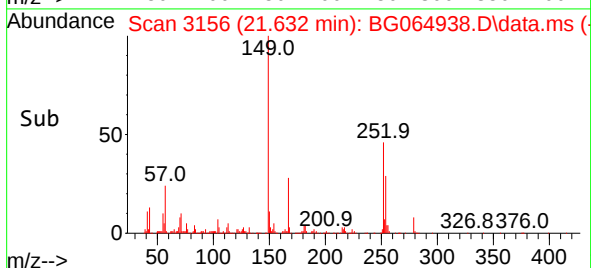
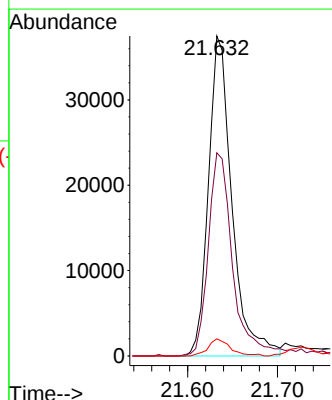
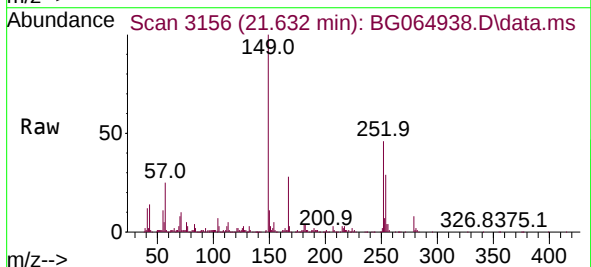
Tgt Ion:252 Resp: 68294

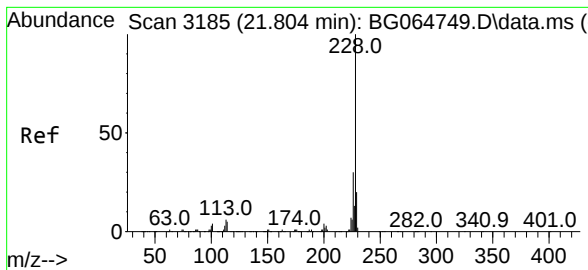
Ion Ratio Lower Upper

252 100

254 63.5 51.8 77.8

126 5.3 4.7 7.1





#83

Chrysene

Concen: 47.614 ng

RT: 21.797 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

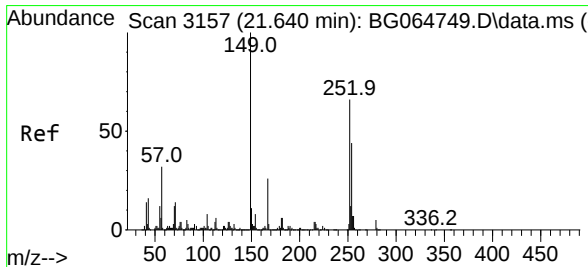
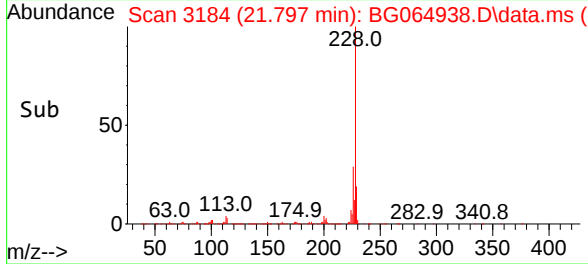
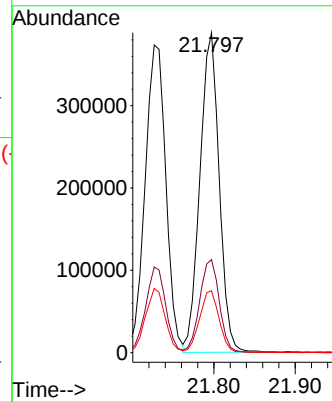
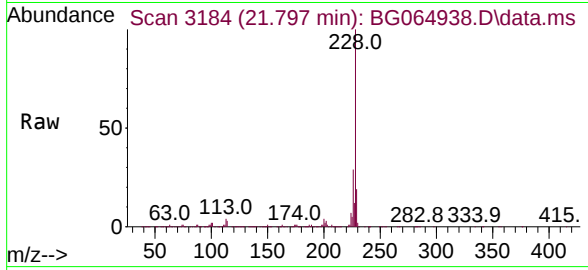
Tgt Ion:228 Resp: 638250

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

229 19.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.716 ng

RT: 21.621 min Scan# 3154

Delta R.T. -0.019 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

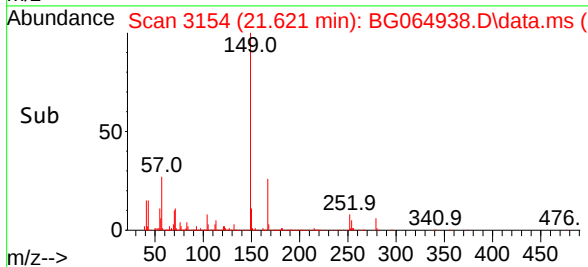
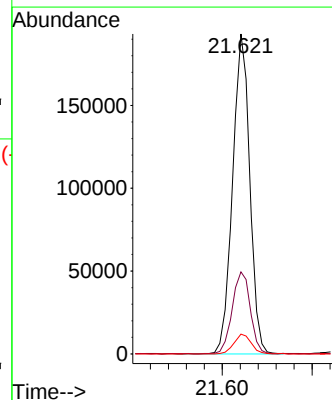
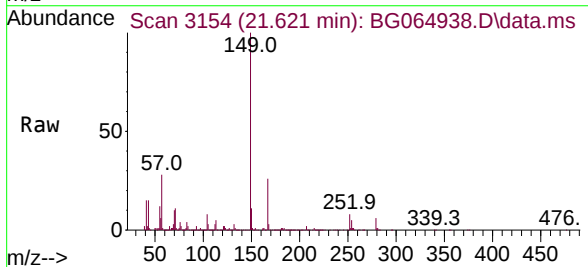
Tgt Ion:149 Resp: 257305

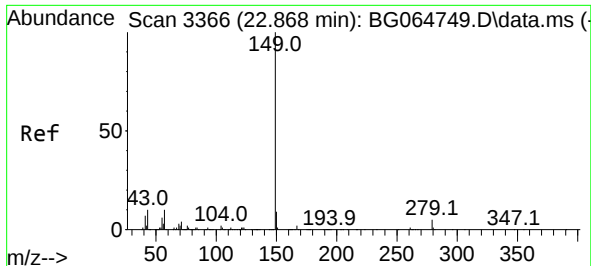
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

279 6.2 4.1 6.1#

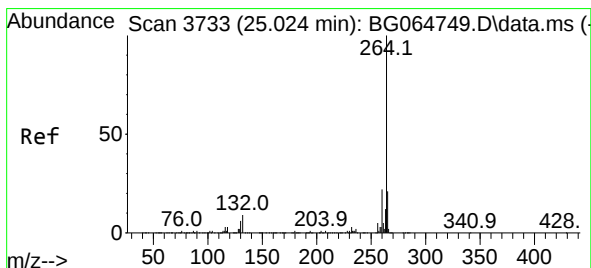
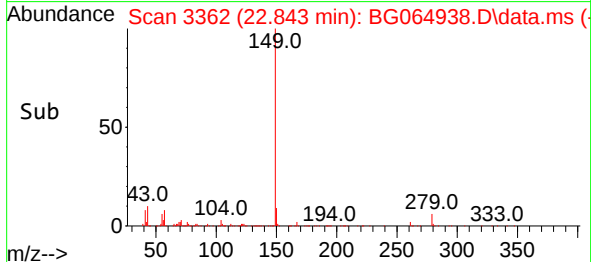
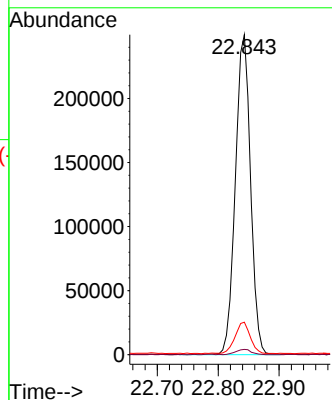
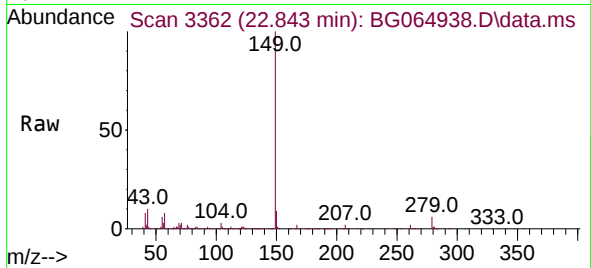




#85  
Di-n-octyl phthalate  
Concen: 41.381 ng  
RT: 22.843 min Scan# 3366  
Delta R.T. -0.025 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

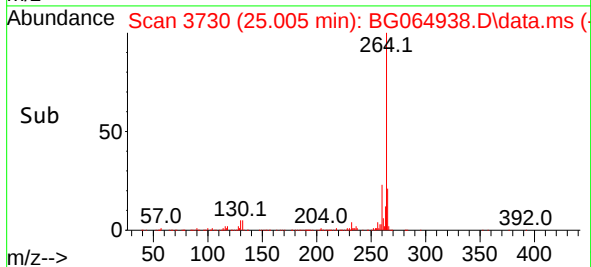
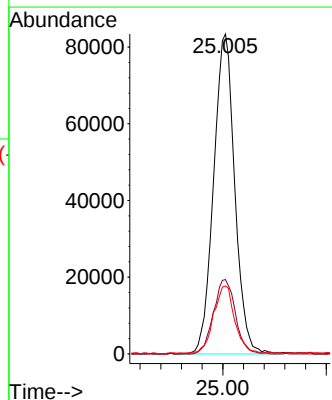
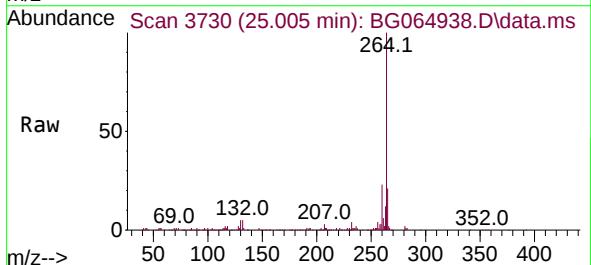
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

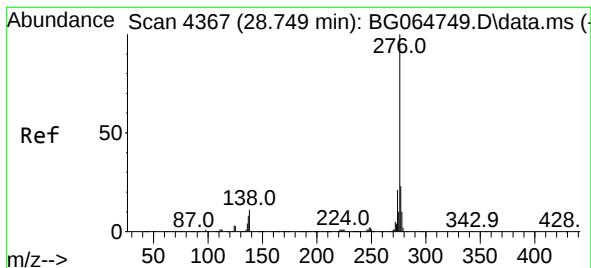
Tgt Ion:149 Resp: 430871  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.0 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.005 min Scan# 3730  
Delta R.T. -0.019 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:264 Resp: 236765  
Ion Ratio Lower Upper  
264 100  
260 23.3 17.2 25.8  
265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.797 ng

RT: 28.736 min Scan# 4365

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

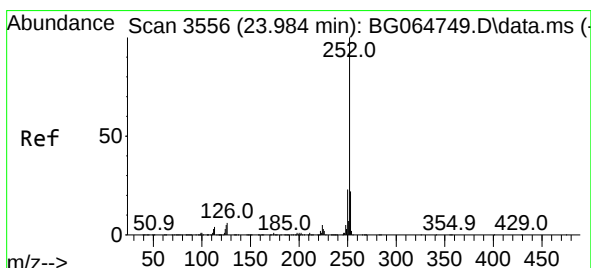
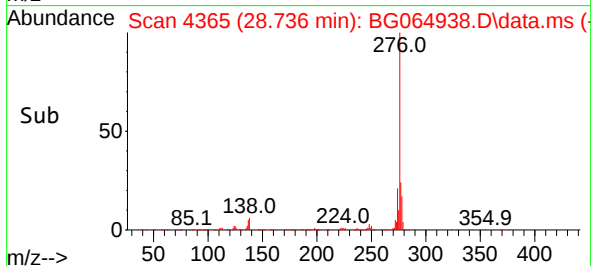
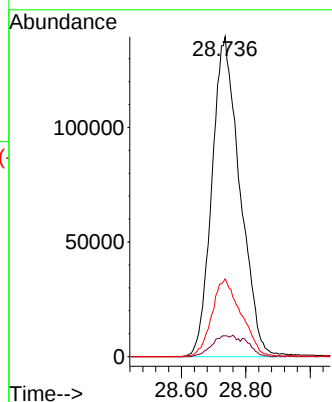
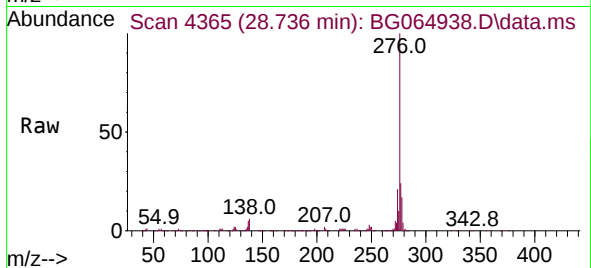
Tgt Ion:276 Resp: 842557

Ion Ratio Lower Upper

276 100

138 4.1 4.5 6.7#

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.672 ng

RT: 23.971 min Scan# 3554

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

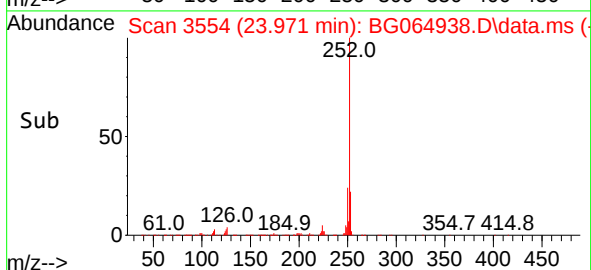
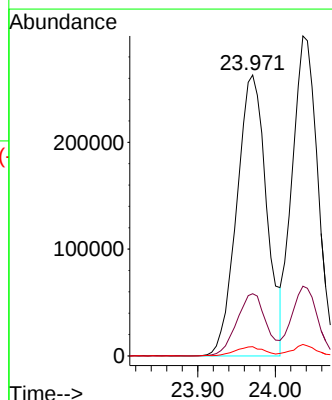
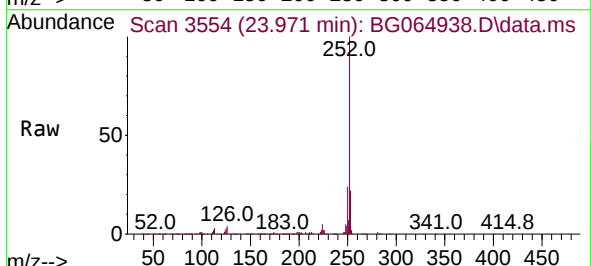
Tgt Ion:252 Resp: 703217

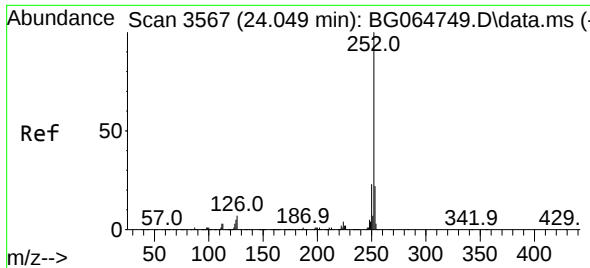
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 3.3 4.2 6.2#

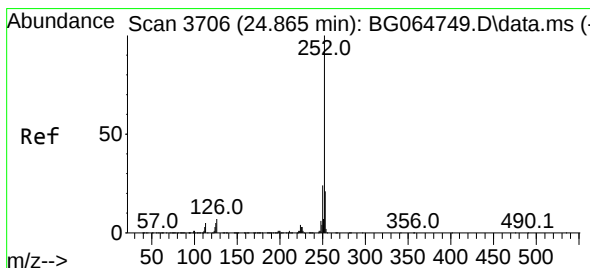
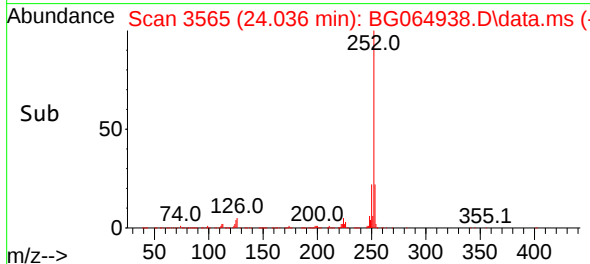
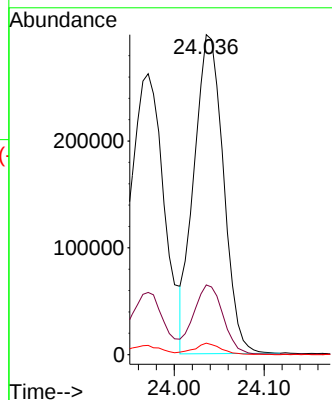
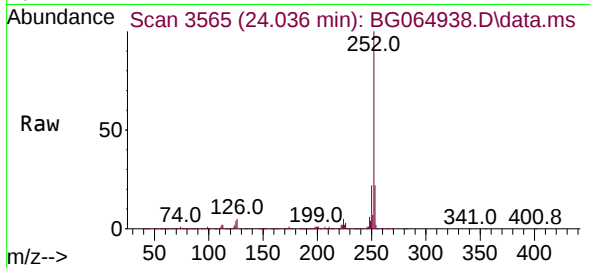




#89  
Benzo(k)fluoranthene  
Concen: 44.886 ng  
RT: 24.036 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

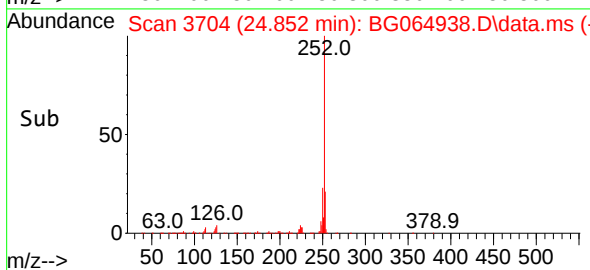
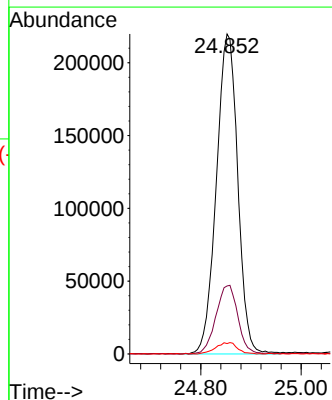
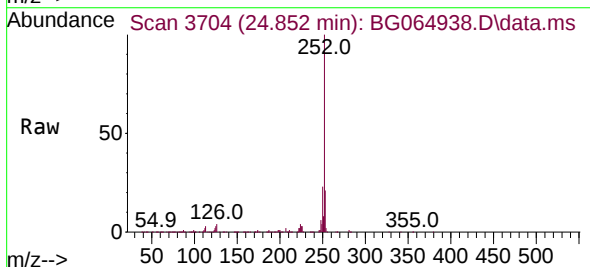
Instrument :  
BNA\_G  
ClientSampleId :  
TP-5MSD

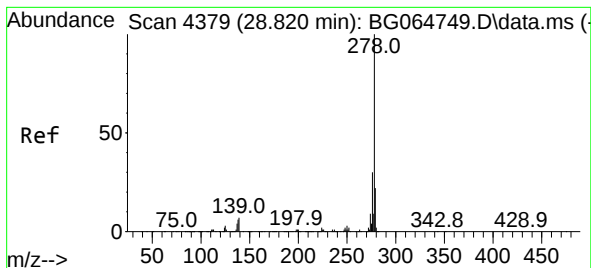
Tgt Ion:252 Resp: 679467  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 3.6 4.1 6.1#



#90  
Benzo(a)pyrene  
Concen: 46.427 ng  
RT: 24.852 min Scan# 3704  
Delta R.T. -0.013 min  
Lab File: BG064938.D  
Acq: 11 Dec 2025 17:35

Tgt Ion:252 Resp: 648908  
Ion Ratio Lower Upper  
252 100  
253 21.2 16.9 25.3  
125 3.2 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 54.150 ng

RT: 28.795 min Scan# 4375

Delta R.T. -0.025 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

TP-5MSD

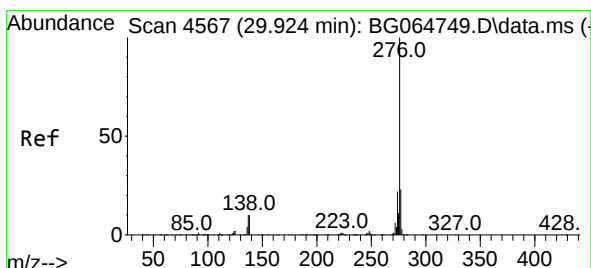
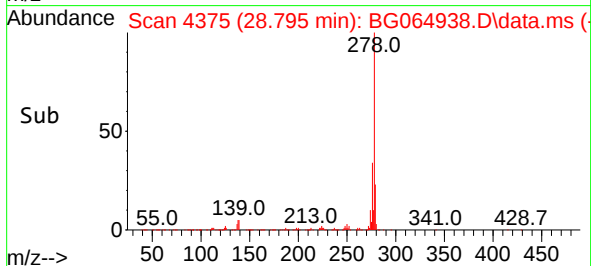
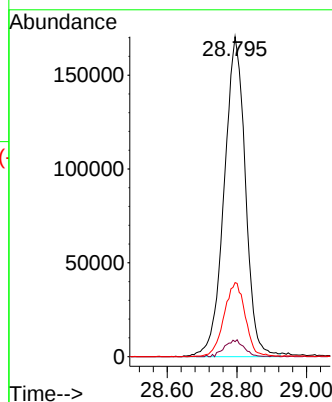
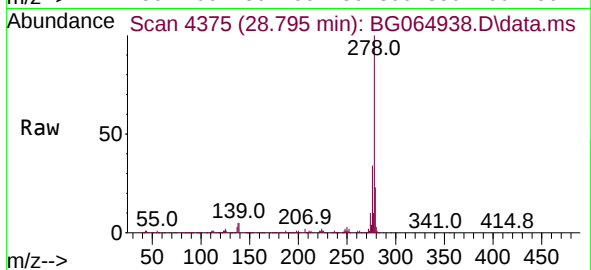
Tgt Ion:278 Resp: 721591

Ion Ratio Lower Upper

278 100

139 4.7 5.8 8.8#

279 23.1 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 54.146 ng

RT: 29.905 min Scan# 4564

Delta R.T. -0.019 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Tgt Ion:276 Resp: 694419

Ion Ratio Lower Upper

276 100

277 23.6 18.0 27.0

138 7.2 8.2 12.2#

