

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064480.D  
 Acq On : 2 Oct 2025 14:16  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Quant Time: Oct 02 16:53:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 22534    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 94569    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.453 | 164  | 72073    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.191 | 188  | 168856   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.415 | 240  | 171497   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.394 | 264  | 185893   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 189884   | 155.949 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.009  | 99   | 250763   | 153.254 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.989  | 82   | 279078   | 158.678 | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 200950   | 153.817 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.078 | 172  | 755535   | 154.518 | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.811 | 244  | 1375899  | 151.833 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.325  | 88   | 34310    | 71.240  | ng    | 94       |
| 3) Pyridine                   | 3.718  | 79   | 97843    | 75.592  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.636  | 42   | 73356    | 78.177  | ng    | 92       |
| 6) Aniline                    | 7.161  | 93   | 155867   | 75.518  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.396  | 128  | 114558   | 76.619  | ng    | 98       |
| 9) Benzaldehyde               | 6.968  | 77   | 93496    | 64.370  | ng    | 96       |
| 10) Phenol                    | 7.032  | 94   | 134875   | 78.138  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.255  | 93   | 89425    | 76.500  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.720  | 146  | 122844   | 75.107  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.861  | 146  | 124619   | 75.917  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.178  | 146  | 120364   | 74.398  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.066  | 79   | 118265   | 78.483  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.348  | 45   | 140388   | 74.507  | ng    | 96       |
| 17) 2-Methylphenol            | 8.272  | 107  | 97064    | 77.657  | ng    | 97       |
| 18) Hexachloroethane          | 8.901  | 117  | 49027    | 75.666  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.636  | 70   | 83485    | 76.290  | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.607  | 107  | 134638   | 77.191  | ng    | 95       |
| 22) Acetophenone              | 8.648  | 105  | 183701   | 80.227  | ng    | # 98     |
| 24) Nitrobenzene              | 9.024  | 77   | 135264   | 77.123  | ng    | 97       |
| 25) Isophorone                | 9.553  | 82   | 245935   | 77.188  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.729  | 139  | 68332    | 78.281  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.794  | 122  | 106151   | 79.619  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.029 | 93   | 128813   | 79.313  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.264 | 162  | 125552   | 81.436  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.481 | 180  | 131315   | 78.115  | ng    | 94       |
| 31) Naphthalene               | 10.663 | 128  | 382573   | 78.560  | ng    | 98       |
| 32) Benzoic acid              | 10.011 | 122  | 87736    | 85.712  | ng    | 88       |
| 33) 4-Chloroaniline           | 10.769 | 127  | 148423   | 79.425  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 109953   | 76.374  | ng    | 94       |
| 35) Caprolactam               | 11.580 | 113  | 40333    | 76.417  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.909 | 107  | 149274   | 79.618  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.273 | 142  | 291318   | 77.931  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.496 | 142  | 286731   | 76.924  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.643 | 216  | 186298   | 80.056  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.626 | 237  | 102505   | 84.207  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.884 | 196  | 119404   | 80.265  | ng    | 94       |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

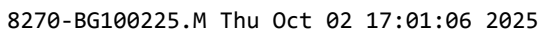
Instrument :  
 BNA\_G  
 ClientSampleId :  
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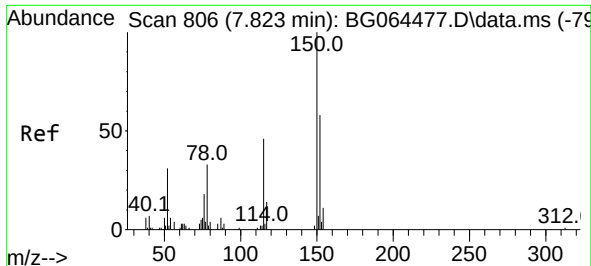
Quant Time: Oct 02 16:53:24 2025  
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 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.961 | 196  | 135525   | 81.602 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.290 | 154  | 399798   | 77.125 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.331 | 162  | 301691   | 77.951 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.530 | 65   | 105087   | 79.555 | ng    | 97       |
| 49) Acenaphthylene            | 14.177 | 152  | 445834   | 77.600 | ng    | 98       |
| 50) Dimethylphthalate         | 13.912 | 163  | 430419   | 76.251 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.036 | 165  | 91191    | 77.551 | ng    | 91       |
| 52) Acenaphthene              | 14.518 | 154  | 305038   | 76.421 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.365 | 138  | 85333    | 78.688 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.570 | 184  | 63374    | 74.326 | ng    | 91       |
| 55) Dibenzofuran              | 14.852 | 168  | 505395   | 76.684 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.676 | 139  | 66912    | 78.369 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.823 | 165  | 137560   | 76.527 | ng    | 96       |
| 58) Fluorene                  | 15.505 | 166  | 420400   | 76.728 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.082 | 232  | 131866   | 77.799 | ng    | 99       |
| 60) Diethylphthalate          | 15.281 | 149  | 454922   | 75.126 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.499 | 204  | 228883   | 76.517 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 92207    | 81.579 | ng    | 91       |
| 63) Azobenzene                | 15.793 | 77   | 350430   | 74.723 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 97300    | 82.760 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.716 | 169  | 357258   | 79.230 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 162931   | 81.997 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.509 | 284  | 182054   | 80.068 | ng    | 97       |
| 69) Atrazine                  | 16.662 | 200  | 148051   | 73.799 | ng    | 99       |
| 70) Pentachlorophenol         | 16.850 | 266  | 117991   | 88.752 | ng    | 97       |
| 71) Phenanthrene              | 17.238 | 178  | 682440   | 77.283 | ng    | 99       |
| 72) Anthracene                | 17.326 | 178  | 694820   | 78.433 | ng    | 99       |
| 73) Carbazole                 | 17.596 | 167  | 594667   | 77.661 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.160 | 149  | 726555   | 77.727 | ng    | 100      |
| 75) Fluoranthene              | 19.247 | 202  | 812928   | 77.060 | ng    | 99       |
| 77) Benzidine                 | 19.424 | 184  | 246468   | 57.755 | ng    | 98       |
| 78) Pyrene                    | 19.606 | 202  | 844065   | 75.840 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.499 | 149  | 314484   | 79.710 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 859554   | 78.497 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 288449   | 77.829 | ng    | 98       |
| 83) Chrysene                  | 21.462 | 228  | 807967   | 77.803 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 451147   | 81.044 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.449 | 149  | 747301   | 79.877 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.767 | 276  | 1017303  | 78.621 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.460 | 252  | 824972   | 78.008 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.525 | 252  | 849303   | 79.738 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.265 | 252  | 771257   | 79.130 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.820 | 278  | 829660   | 80.178 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.818 | 276  | 778918   | 77.460 | ng    | 99       |

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

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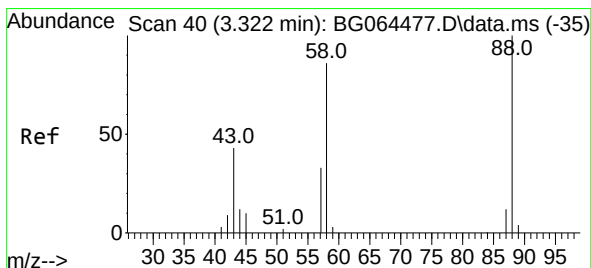
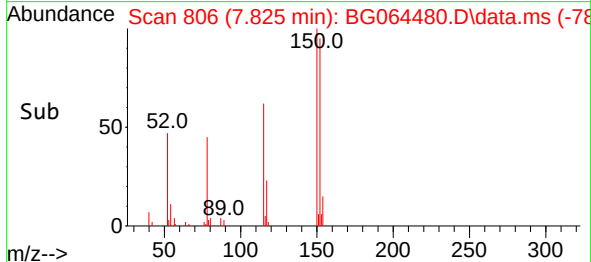
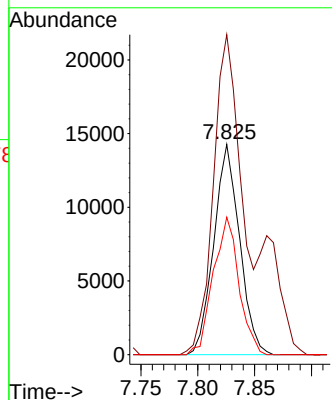
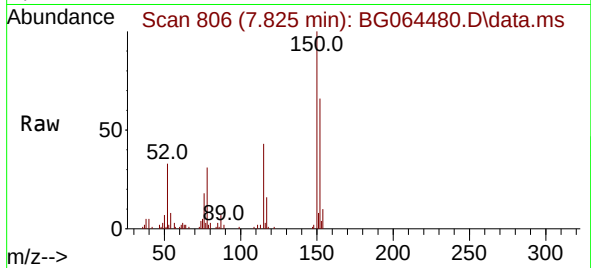




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.825 min Scan# 80  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

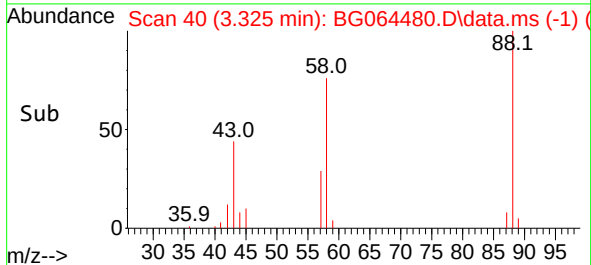
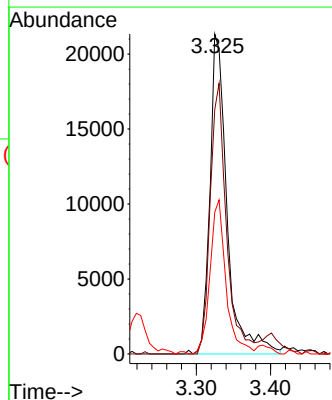
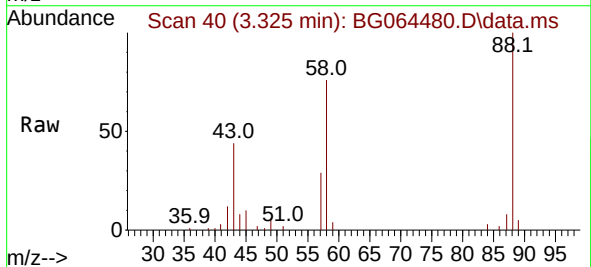
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

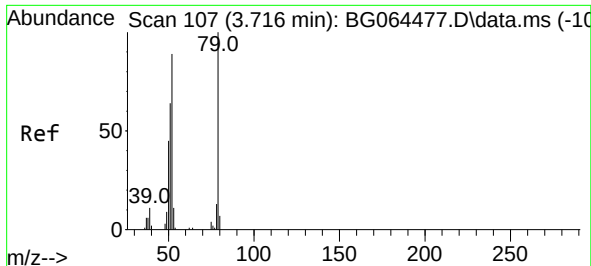
Tgt Ion:152 Resp: 22534  
 Ion Ratio Lower Upper  
 152 100  
 150 152.2 138.6 207.8  
 115 65.4 63.4 95.2



#2  
 1,4-Dioxane  
 Concen: 71.240 ng  
 RT: 3.325 min Scan# 40  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Tgt Ion: 88 Resp: 34310  
 Ion Ratio Lower Upper  
 88 100  
 58 79.9 69.8 104.6  
 43 44.7 37.4 56.0

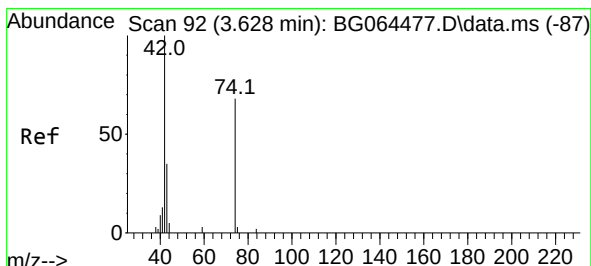
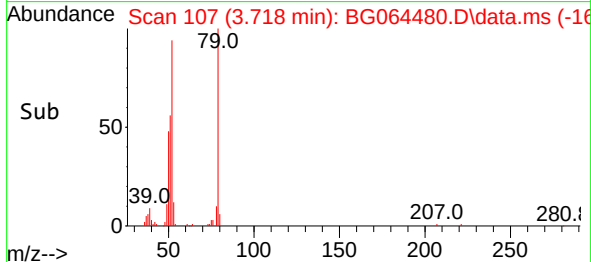
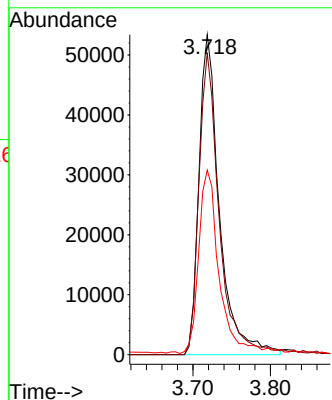
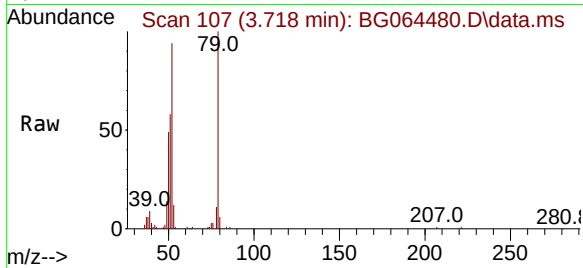




#3  
Pyridine  
Concen: 75.592 ng  
RT: 3.718 min Scan# 107  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

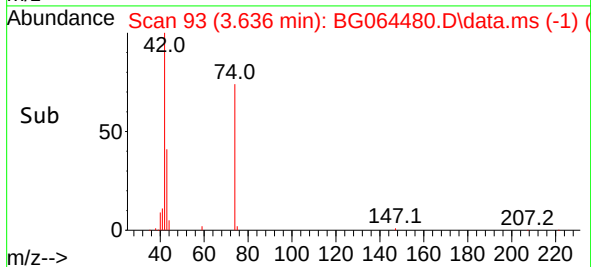
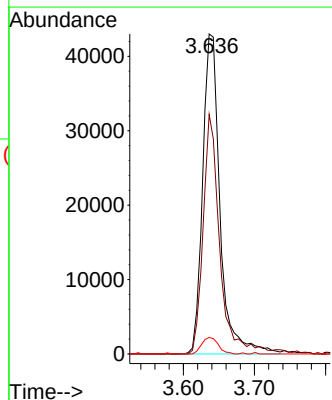
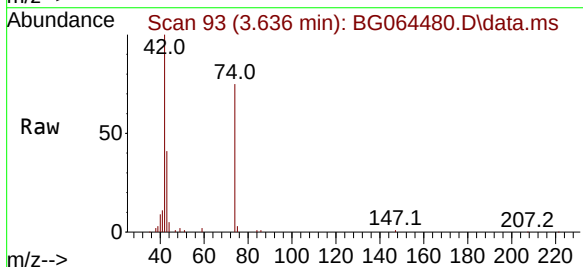
Instrument :  
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ClientSampleId :  
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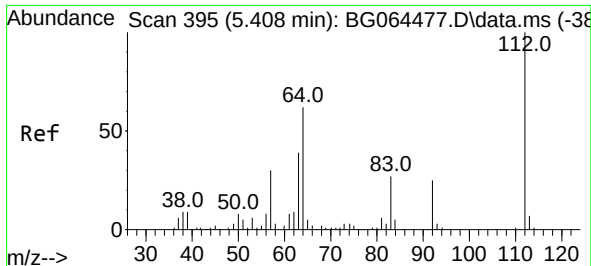
Tgt Ion: 79 Resp: 97843  
Ion Ratio Lower Upper  
79 100  
52 94.4 71.0 106.4  
51 57.7 51.0 76.6



#4  
n-Nitrosodimethylamine  
Concen: 78.177 ng  
RT: 3.636 min Scan# 93  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 42 Resp: 73356  
Ion Ratio Lower Upper  
42 100  
74 74.9 54.2 81.4  
44 5.1 4.2 6.2

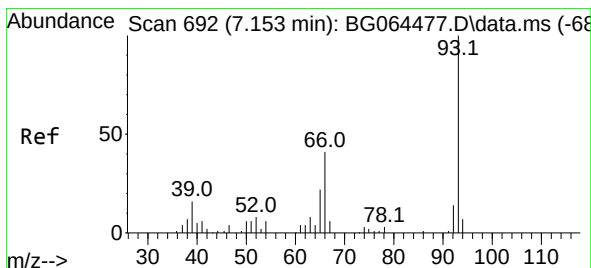
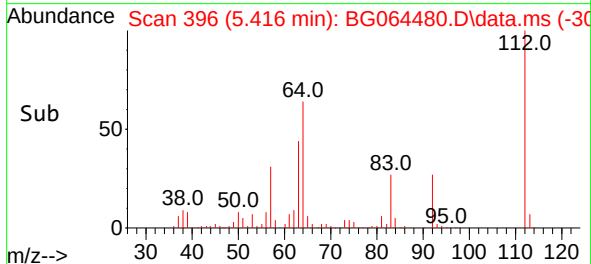
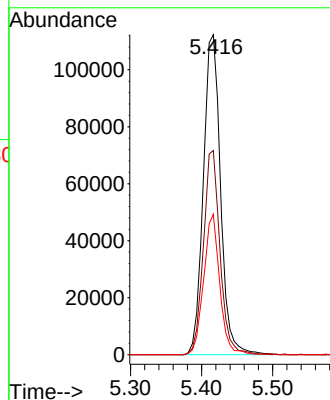
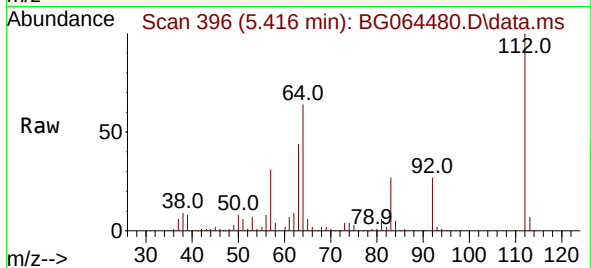




#5  
2-Fluorophenol  
Concen: 155.949 ng  
RT: 5.416 min Scan# 396  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

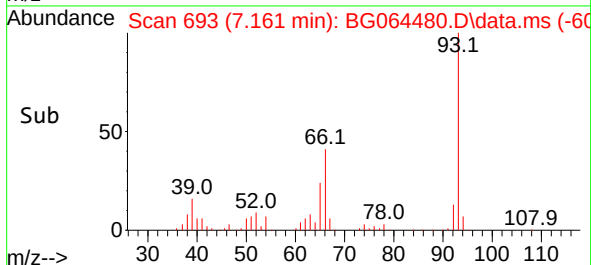
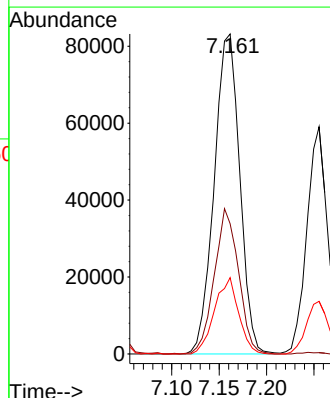
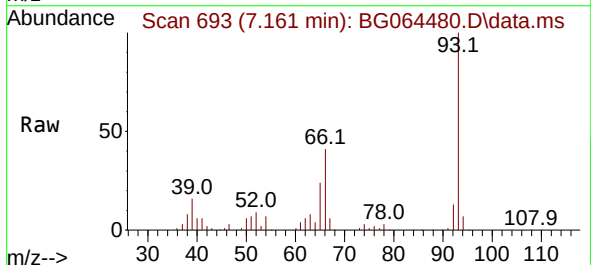
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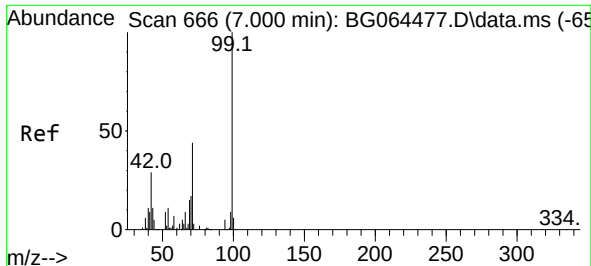
Tgt Ion:112 Resp: 189884  
Ion Ratio Lower Upper  
112 100  
64 63.8 49.8 74.8  
63 43.9 31.3 46.9



#6  
Aniline  
Concen: 75.518 ng  
RT: 7.161 min Scan# 693  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 93 Resp: 155867  
Ion Ratio Lower Upper  
93 100  
66 40.7 33.0 49.4  
65 23.8 17.5 26.3

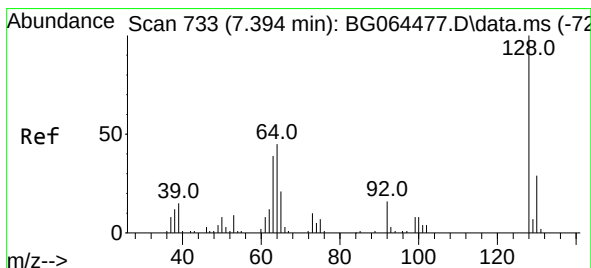
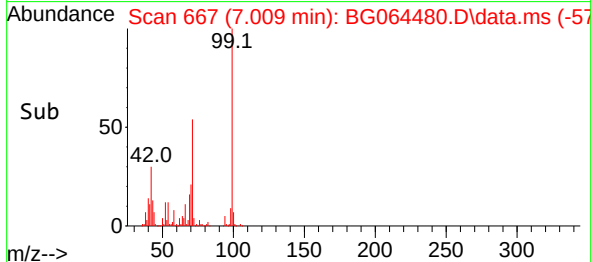
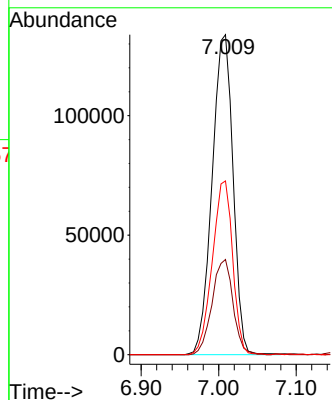
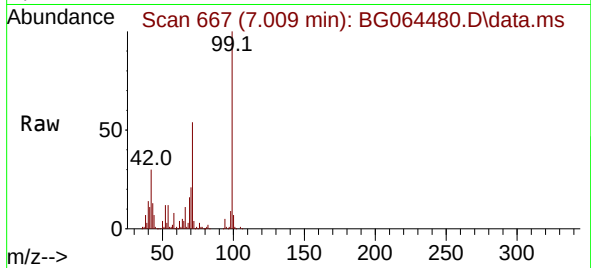




#7  
Phenol-d6  
Concen: 153.254 ng  
RT: 7.009 min Scan# 667  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

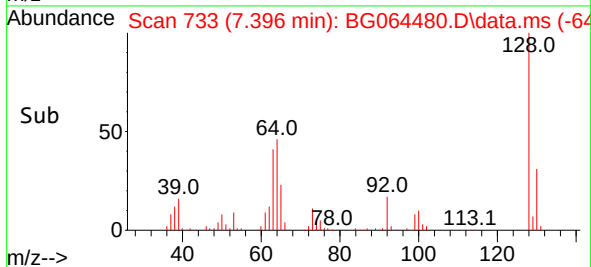
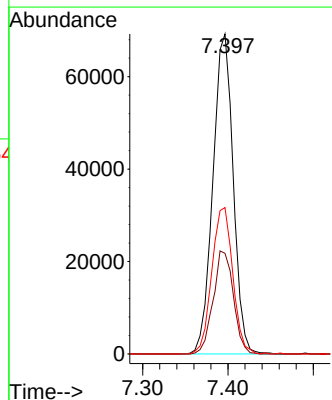
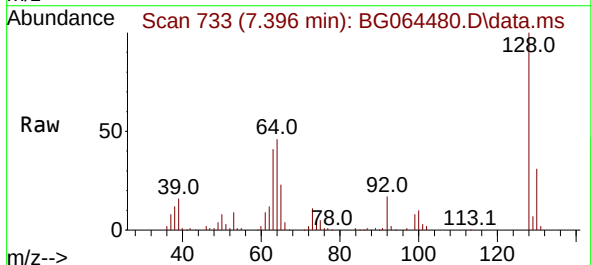
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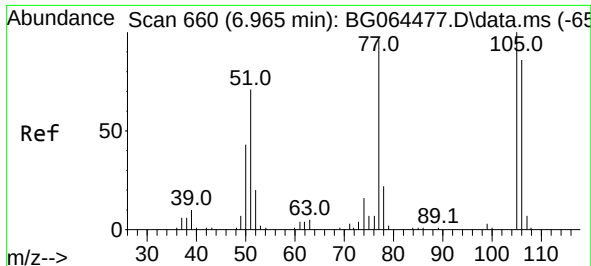
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Ion Ratio Lower Upper  
99 100  
42 29.7 22.9 34.3  
71 54.3 35.4 53.2#



#8  
2-Chlorophenol  
Concen: 76.619 ng  
RT: 7.396 min Scan# 733  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 128 Resp: 114558  
Ion Ratio Lower Upper  
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130 31.5 9.2 49.2  
64 45.8 25.5 65.5

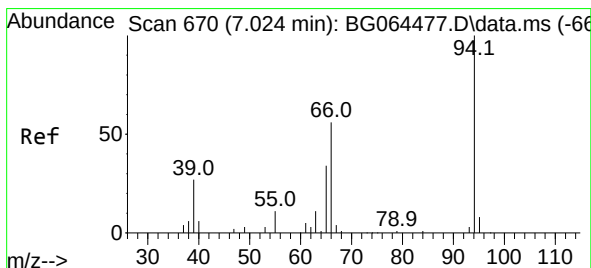
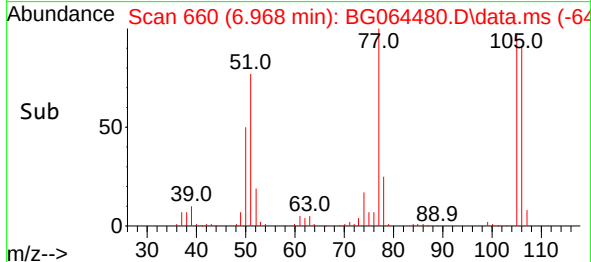
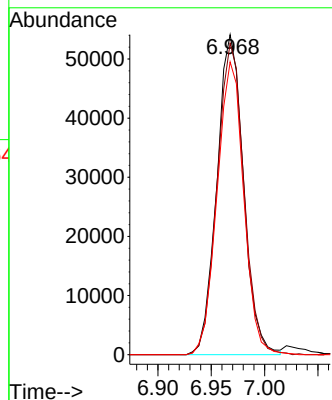
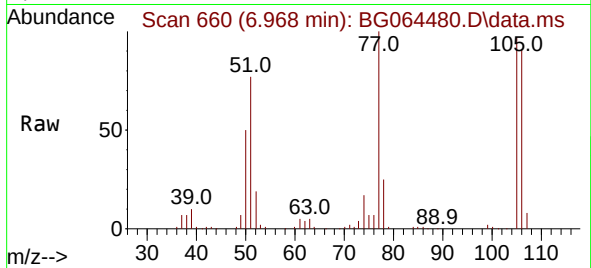




#9  
Benzaldehyde  
Concen: 64.370 ng  
RT: 6.968 min Scan# 609  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

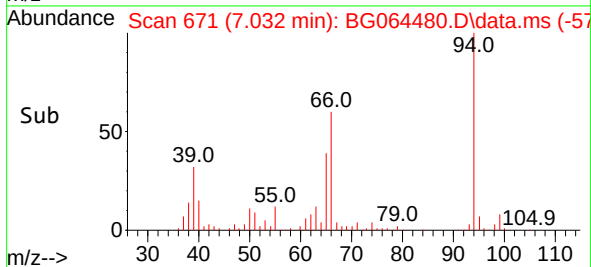
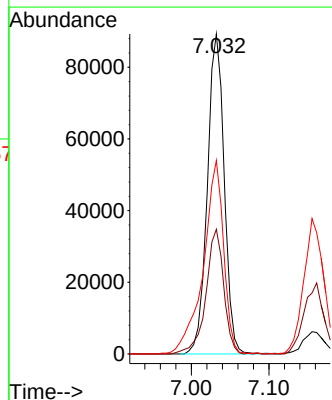
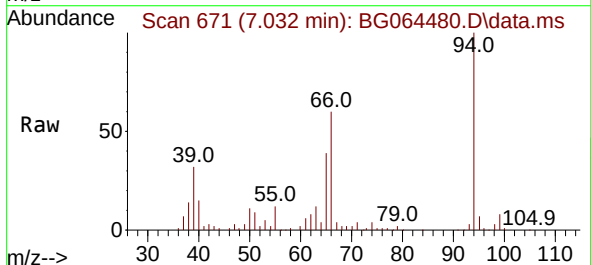
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 77 Resp: 93496  
Ion Ratio Lower Upper  
77 100  
105 97.4 83.7 123.7  
106 91.5 69.4 109.4

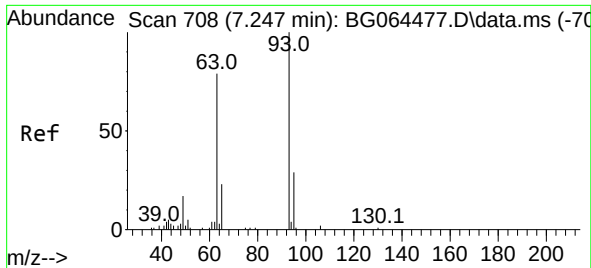


#10  
Phenol  
Concen: 78.138 ng  
RT: 7.032 min Scan# 671  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 94 Resp: 134875  
Ion Ratio Lower Upper  
94 100  
65 39.0 14.8 54.8  
66 60.5 41.4 81.4



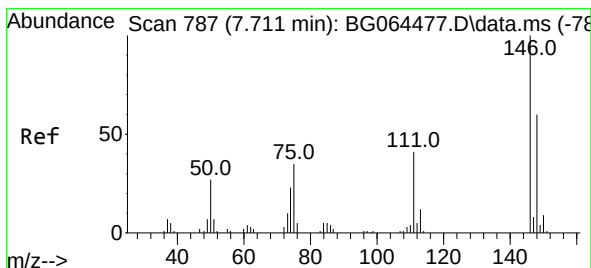
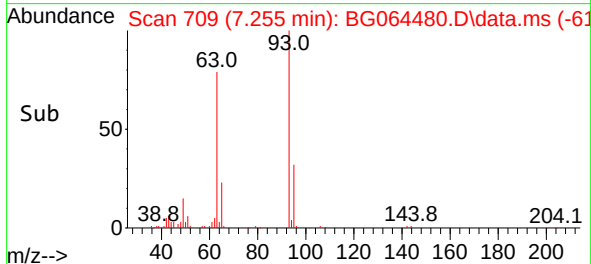
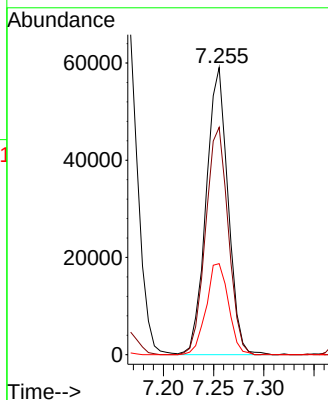
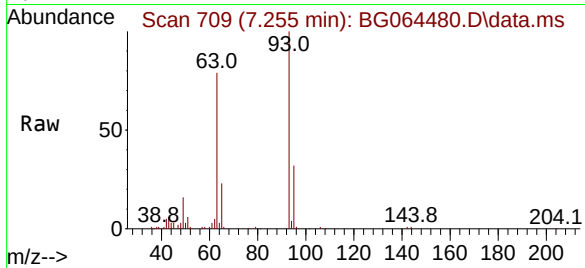




#11  
bis(2-Chloroethyl)ether  
Concen: 76.500 ng  
RT: 7.255 min Scan# 708  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

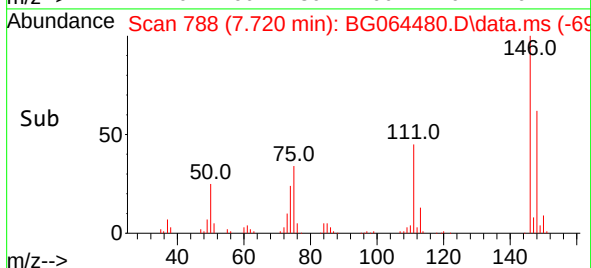
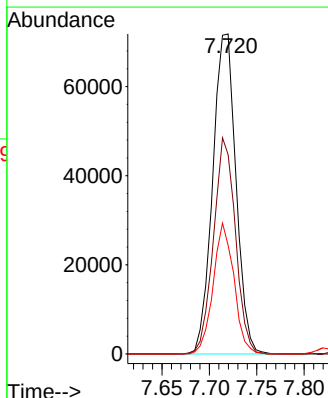
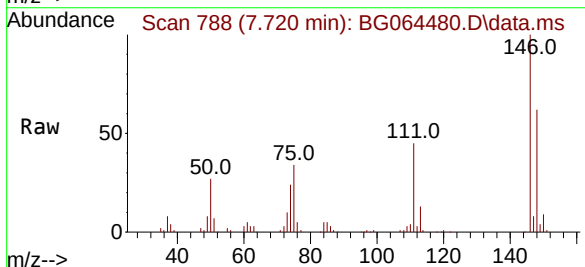
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

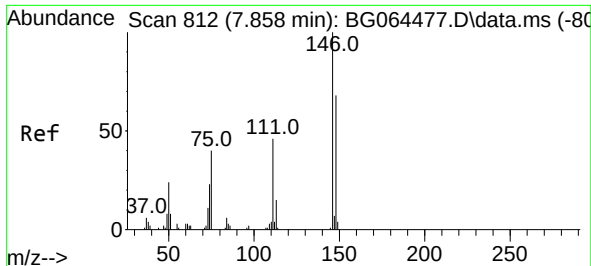
Tgt Ion: 93 Resp: 89425  
Ion Ratio Lower Upper  
93 100  
63 79.2 59.5 99.5  
95 31.7 8.8 48.8



#12  
1,3-Dichlorobenzene  
Concen: 75.107 ng  
RT: 7.720 min Scan# 788  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:146 Resp: 122844  
Ion Ratio Lower Upper  
146 100  
148 62.3 48.4 72.6  
75 34.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 75.917 ng

RT: 7.861 min Scan# 812

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

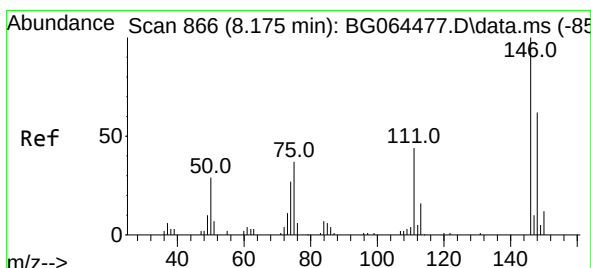
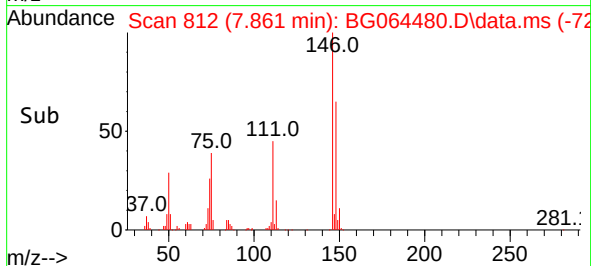
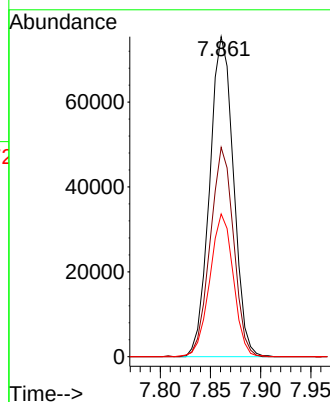
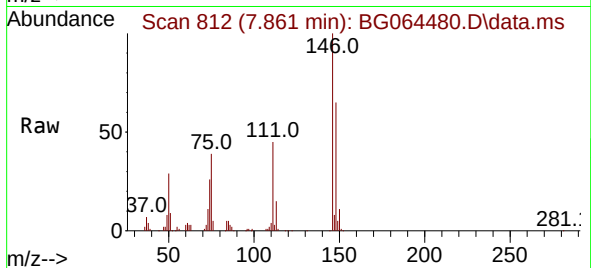
Tgt Ion:146 Resp: 124619

Ion Ratio Lower Upper

146 100

148 65.4 54.4 81.6

111 44.6 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 74.398 ng

RT: 8.178 min Scan# 866

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

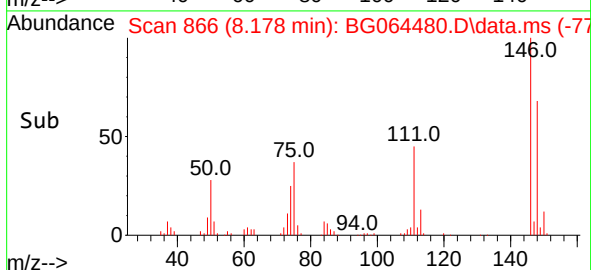
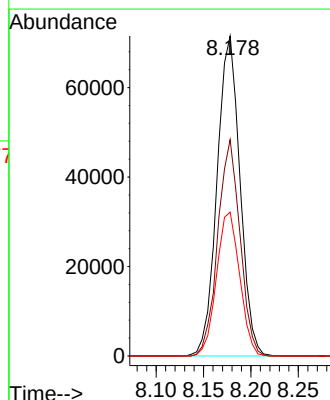
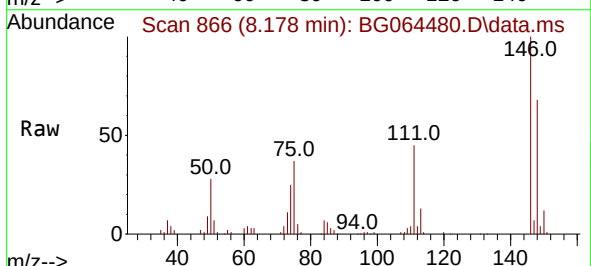
Tgt Ion:146 Resp: 120364

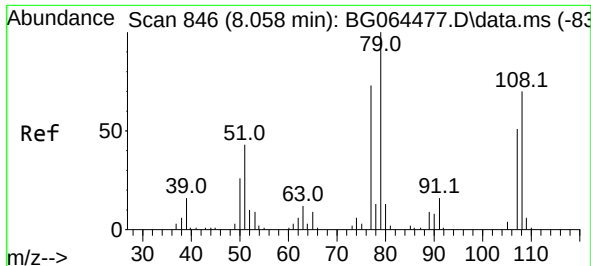
Ion Ratio Lower Upper

146 100

148 67.6 50.0 75.0

111 44.9 35.0 52.4

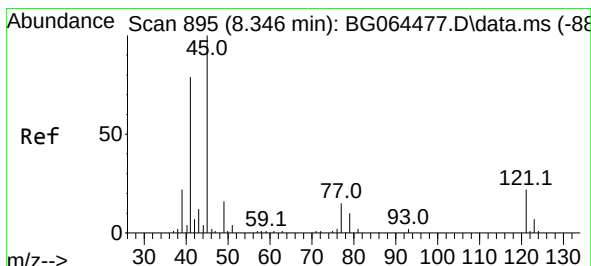
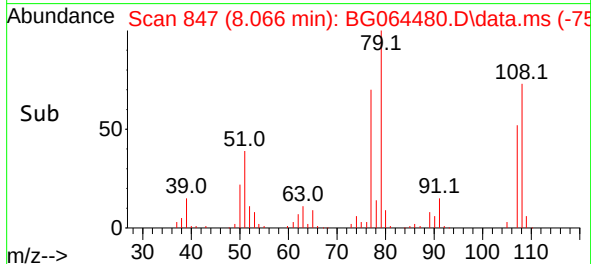
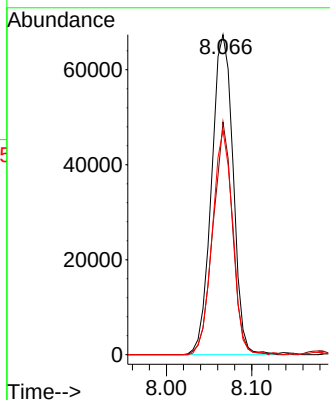
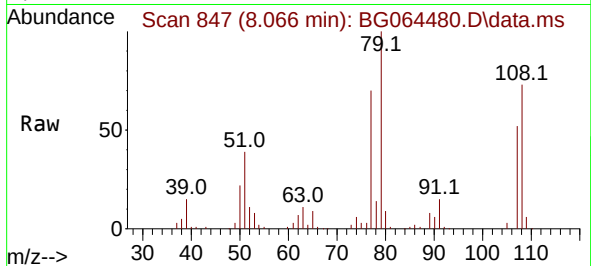




#15  
Benzyl Alcohol  
Concen: 78.483 ng  
RT: 8.066 min Scan# 846  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

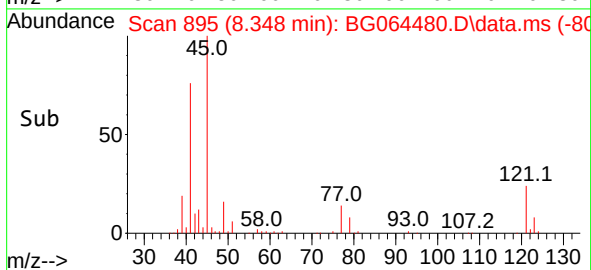
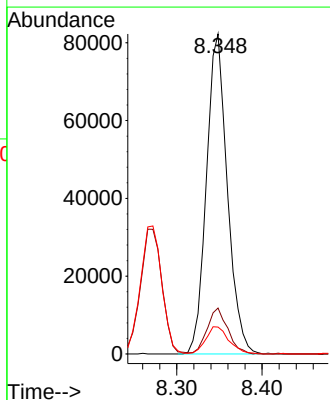
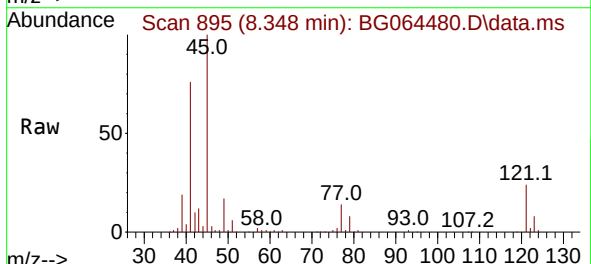
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

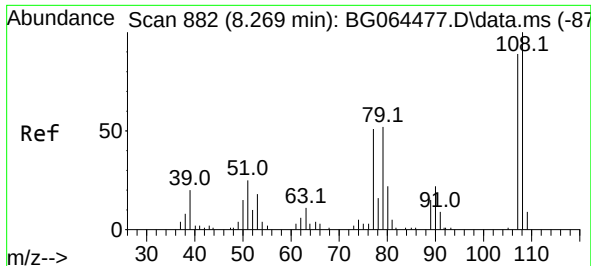
Tgt Ion: 79 Resp: 118265  
Ion Ratio Lower Upper  
79 100  
108 72.7 56.4 84.6  
77 70.1 58.3 87.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 74.507 ng  
RT: 8.348 min Scan# 895  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 45 Resp: 140388  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 35.6  
79 8.4 0.0 30.7

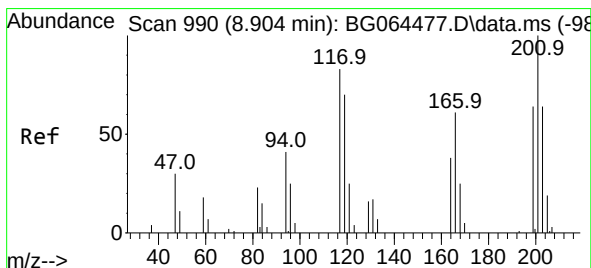
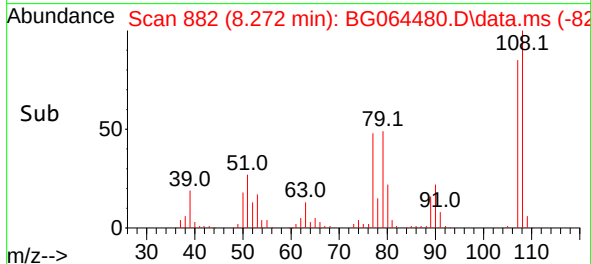
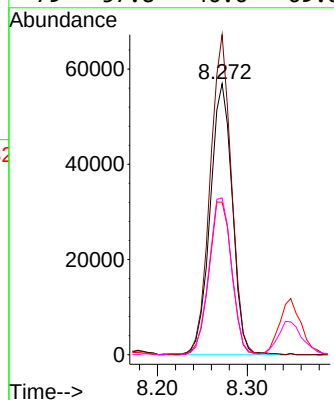
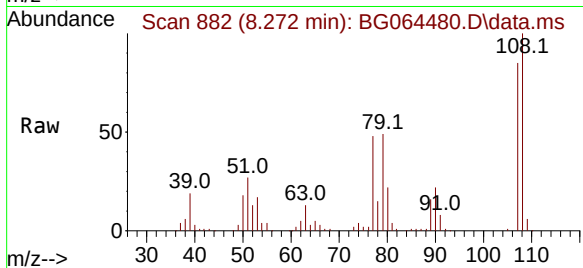




#17  
2-Methylphenol  
Concen: 77.657 ng  
RT: 8.272 min Scan# 81  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

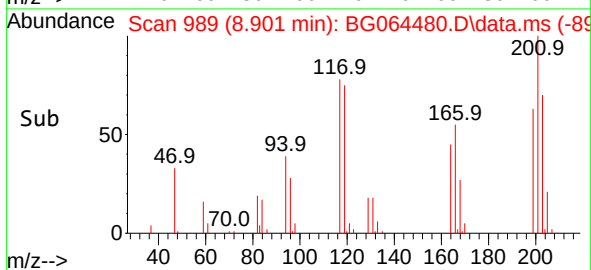
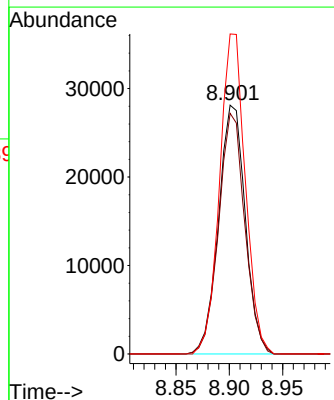
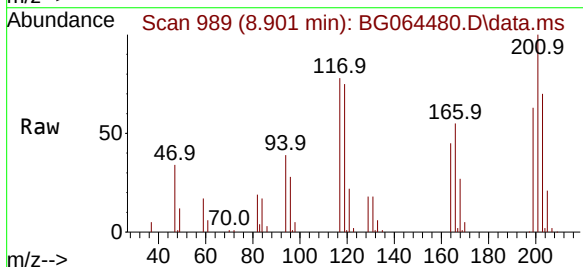
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

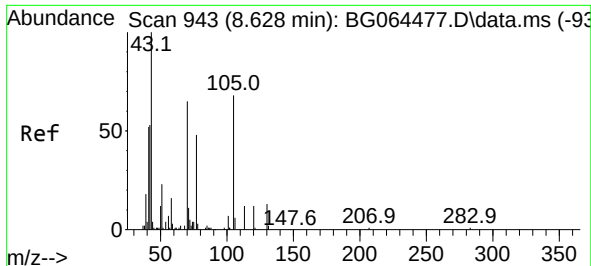
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 97064 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 118.1 | 90.3  | 135.5 |
| 77       | 56.3  | 46.0  | 69.0  |
| 79       | 57.8  | 46.6  | 69.8  |



#18  
Hexachloroethane  
Concen: 75.666 ng  
RT: 8.901 min Scan# 989  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 49027 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.7  | 67.4  | 101.0 |
| 201      | 128.6 | 95.9  | 143.9 |

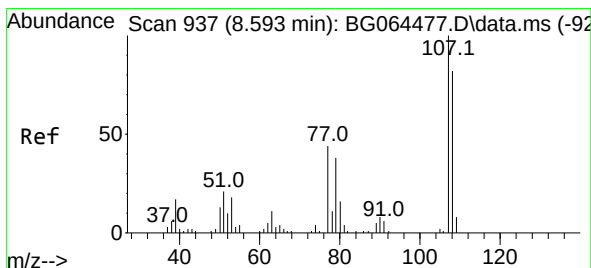
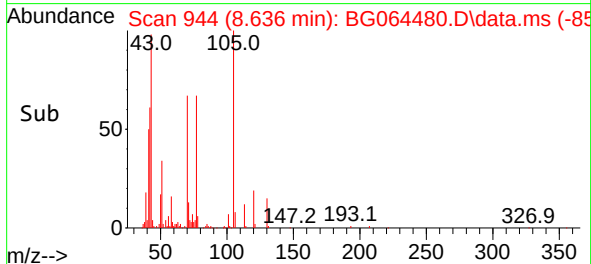
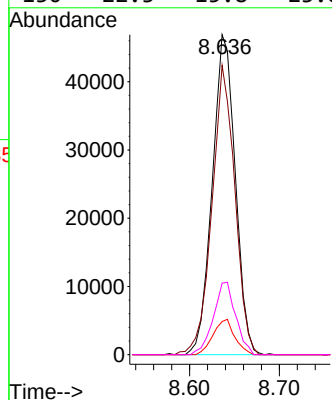
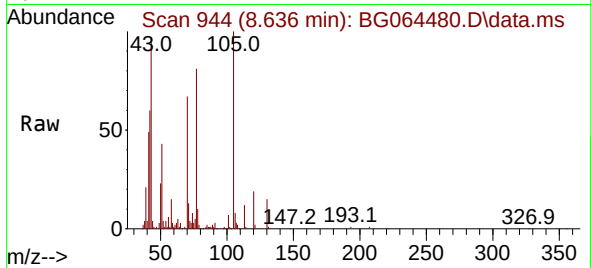




#19  
n-Nitroso-di-n-propylamine  
Concen: 76.290 ng  
RT: 8.636 min Scan# 943  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

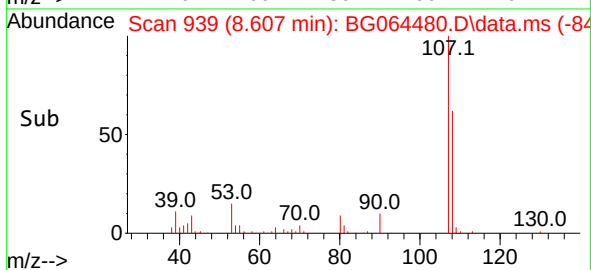
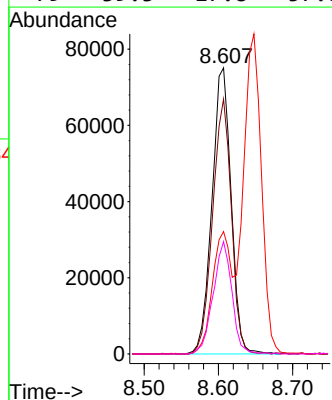
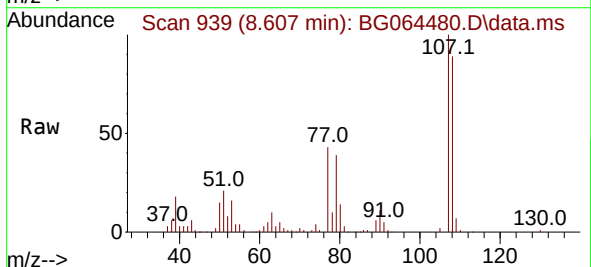
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

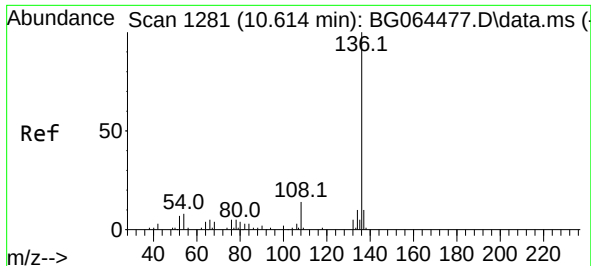
Tgt Ion: 70 Resp: 83485  
Ion Ratio Lower Upper  
70 100  
42 90.4 64.9 97.3  
101 10.3 8.7 13.1  
130 22.3 15.8 23.8



#20  
3+4-Methylphenols  
Concen: 77.191 ng  
RT: 8.607 min Scan# 939  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 107 Resp: 134638  
Ion Ratio Lower Upper  
107 100  
108 89.1 62.1 102.1  
77 42.8 23.5 63.5  
79 39.3 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

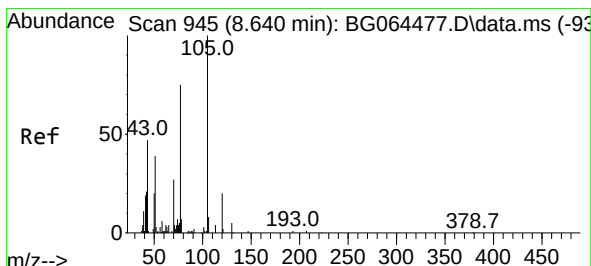
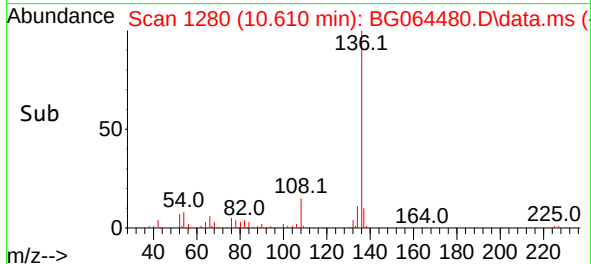
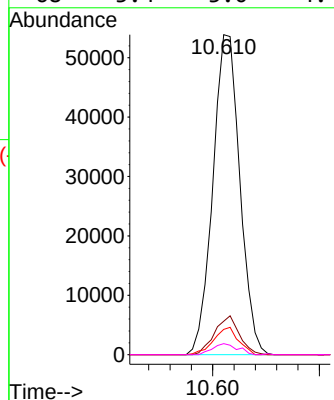
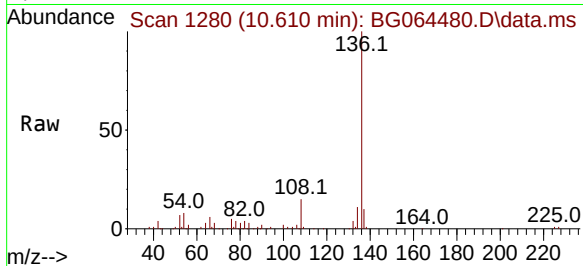
Instrument :

BNA\_G

ClientSampleId :

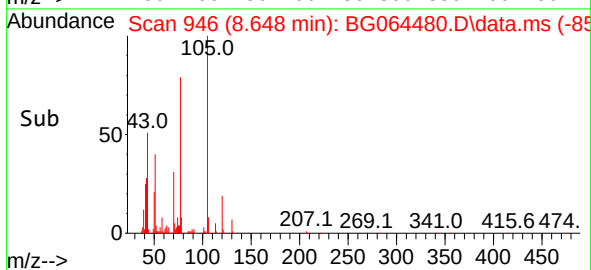
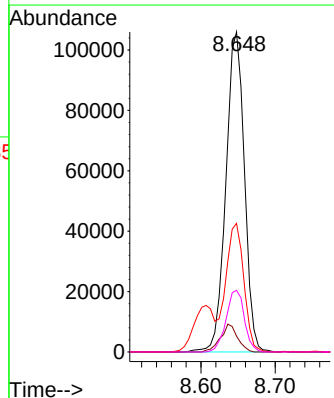
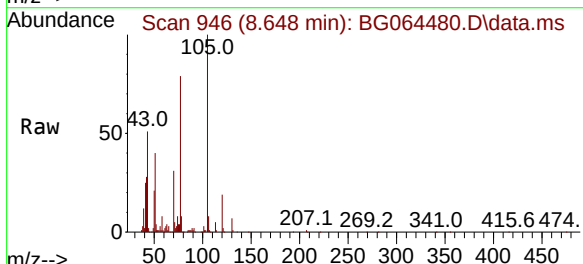
SSTDICC080

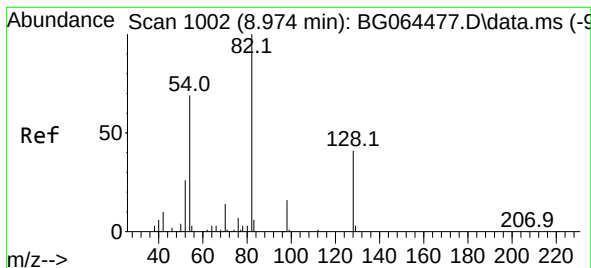
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 94569 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.5  | 8.3   | 12.5  |
| 54        | 7.9   | 6.2   | 9.4   |
| 68        | 3.4   | 3.0   | 4.4   |



#22  
Acetophenone  
Concen: 80.227 ng  
RT: 8.648 min Scan# 946  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 183701 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.9   | 2.8   | 4.2#   |
| 51        | 40.2  | 33.0  | 49.4   |
| 120       | 19.2  | 15.8  | 23.6   |





#23

Nitrobenzene-d5

Concen: 158.678 ng

RT: 8.989 min Scan# 1004

Delta R.T. 0.023 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

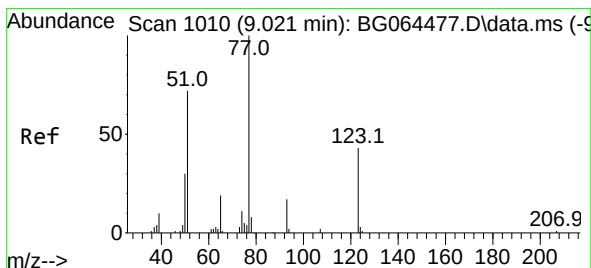
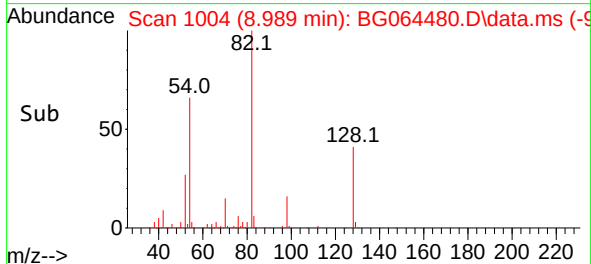
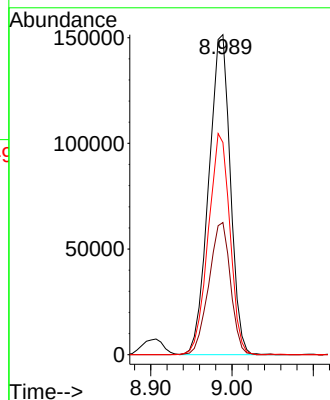
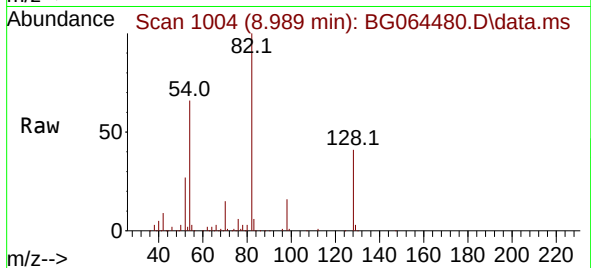
Tgt Ion: 82 Resp: 279078

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

54 66.3 55.4 83.2



#24

Nitrobenzene

Concen: 77.123 ng

RT: 9.024 min Scan# 1010

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

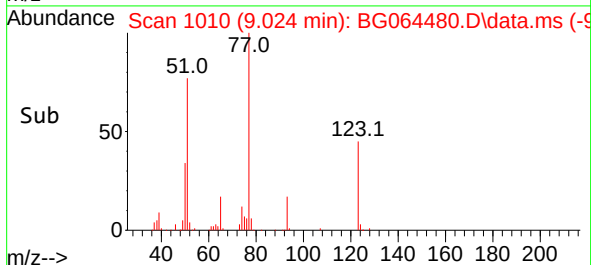
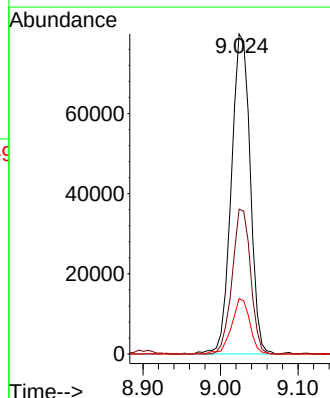
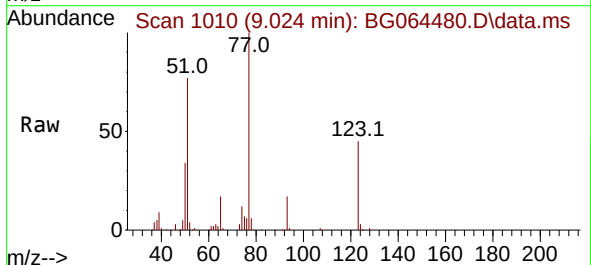
Tgt Ion: 77 Resp: 135264

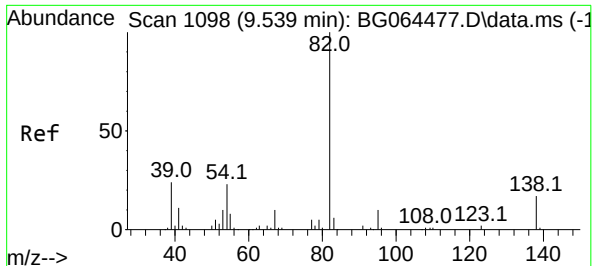
Ion Ratio Lower Upper

77 100

123 45.3 34.4 51.6

65 17.3 14.8 22.2

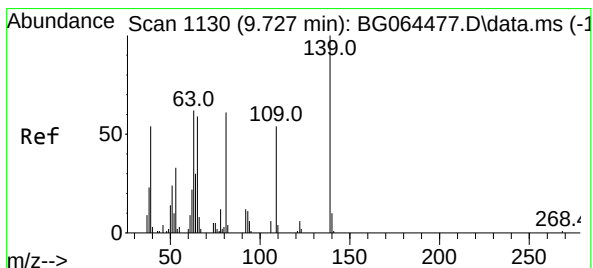
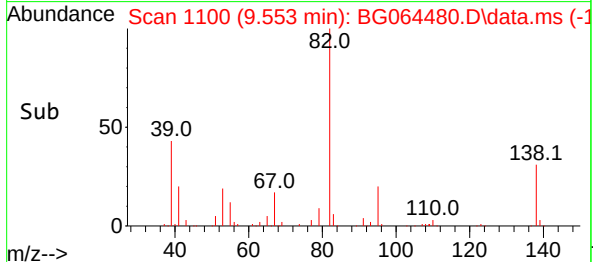
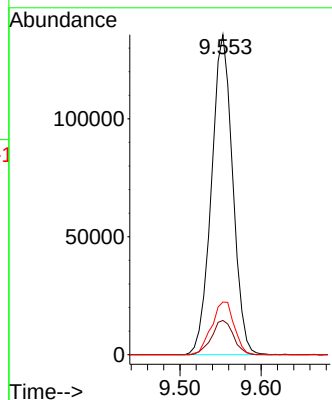
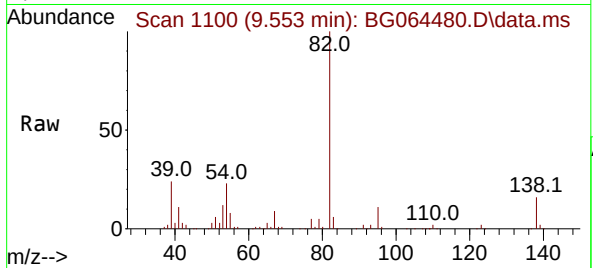




#25  
Isophorone  
Concen: 77.188 ng  
RT: 9.553 min Scan# 1100  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

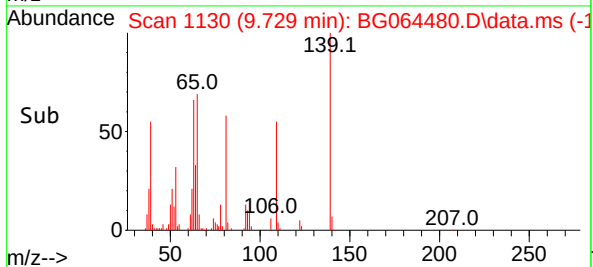
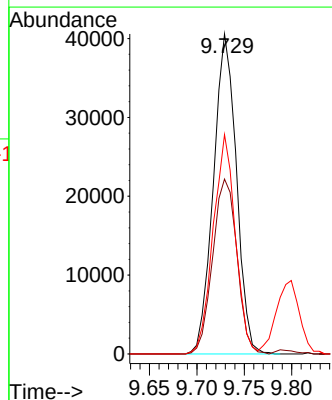
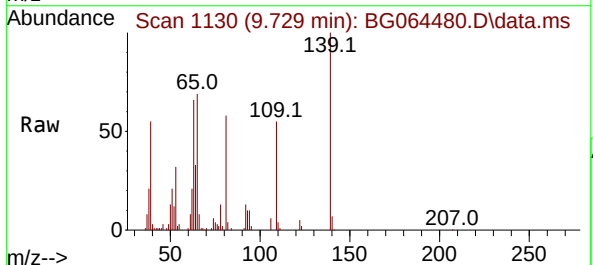
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 82 Resp: 245935  
Ion Ratio Lower Upper  
82 100  
95 10.7 7.8 11.8  
138 16.5 13.8 20.6

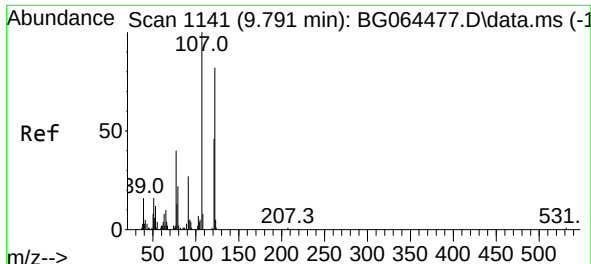


#26  
2-Nitrophenol  
Concen: 78.281 ng  
RT: 9.729 min Scan# 1130  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:139 Resp: 68332  
Ion Ratio Lower Upper  
139 100  
109 54.7 43.0 64.6  
65 68.6 47.4 71.2







#27

2,4-Dimethylphenol

Concen: 79.619 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

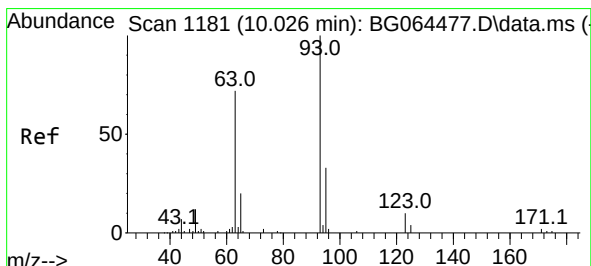
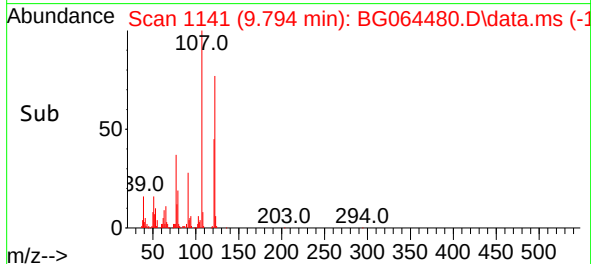
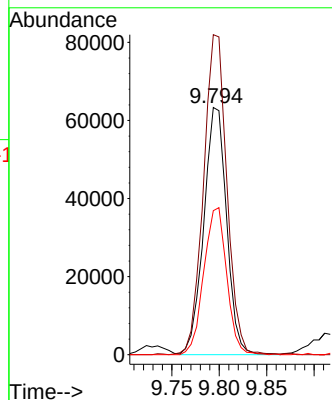
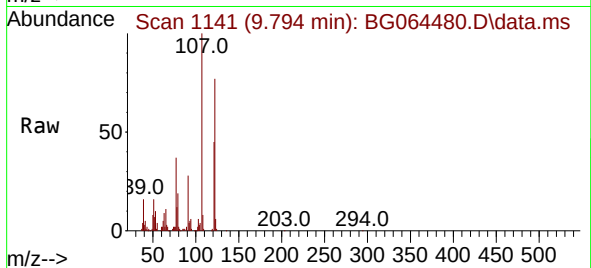
Tgt Ion:122 Resp: 106151

Ion Ratio Lower Upper

122 100

107 129.4 98.3 147.5

121 58.2 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 79.313 ng

RT: 10.029 min Scan# 1181

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

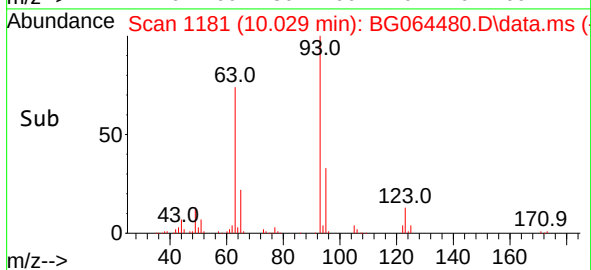
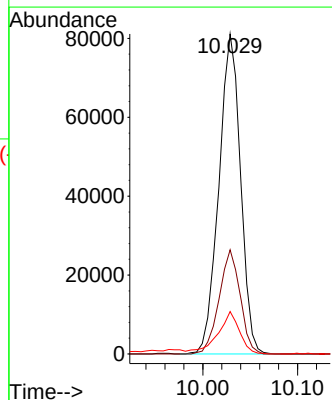
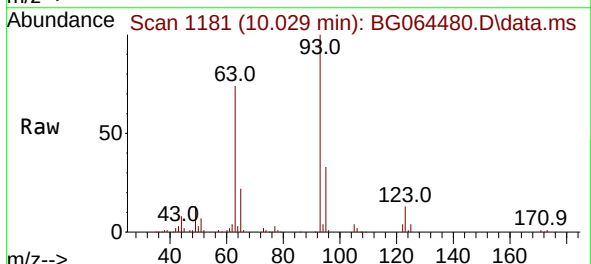
Tgt Ion: 93 Resp: 128813

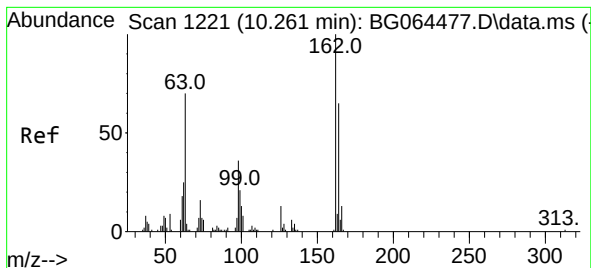
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 13.3 8.9 13.3

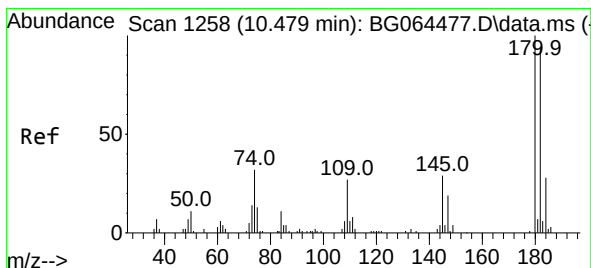
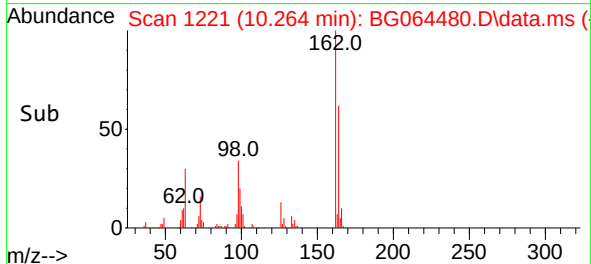
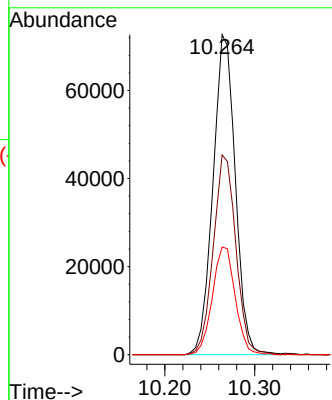
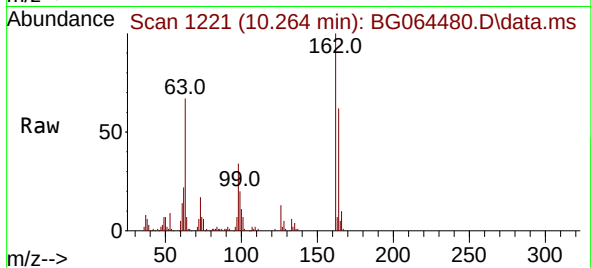




#29  
2,4-Dichlorophenol  
Concen: 81.436 ng  
RT: 10.264 min Scan# 1221  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

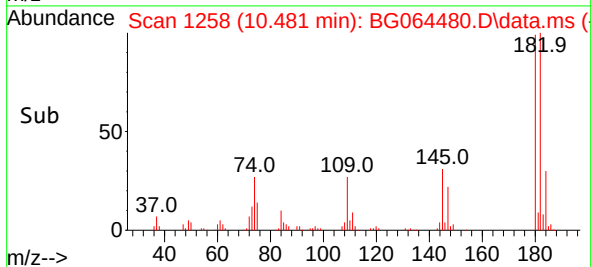
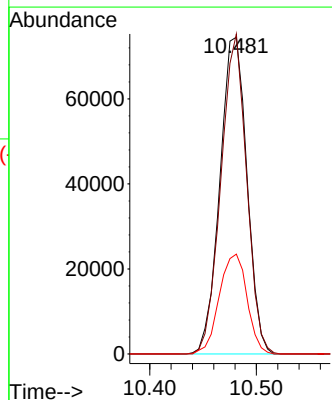
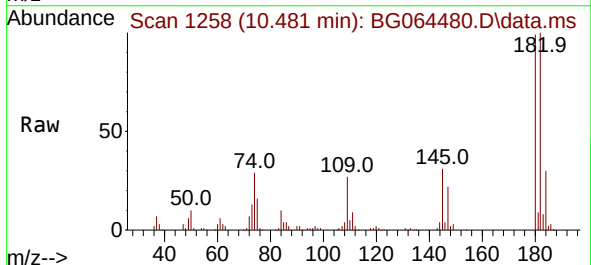
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

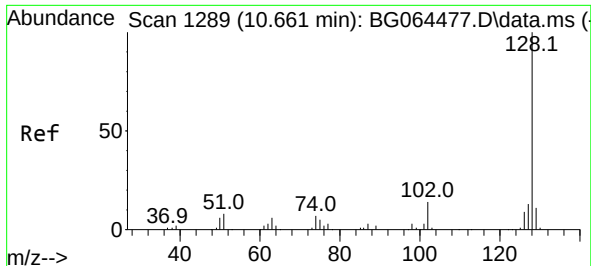
Tgt Ion:162 Resp: 125552  
Ion Ratio Lower Upper  
162 100  
164 62.5 45.4 85.4  
98 33.7 16.4 56.4



#30  
1,2,4-Trichlorobenzene  
Concen: 78.115 ng  
RT: 10.481 min Scan# 1258  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:180 Resp: 131315  
Ion Ratio Lower Upper  
180 100  
182 101.0 75.4 113.2  
145 31.5 23.2 34.8

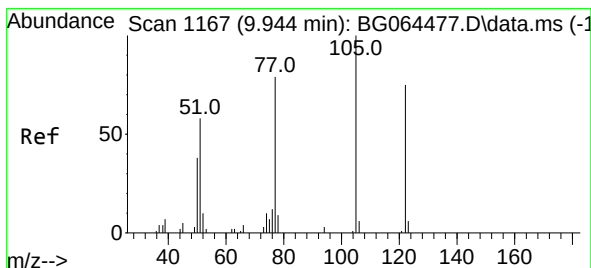
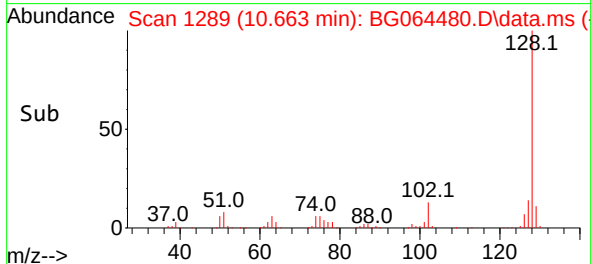
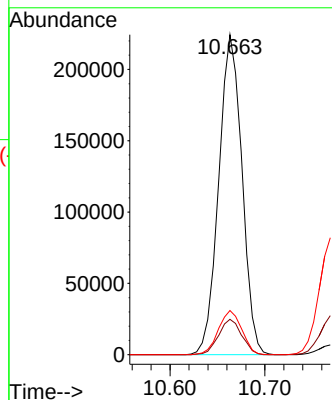
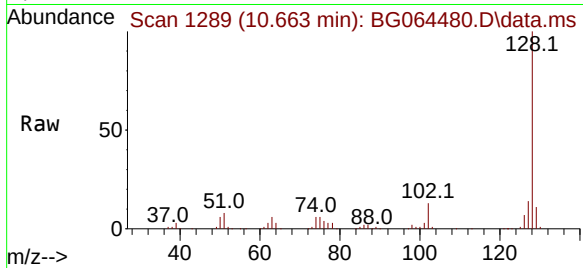




#31  
Naphthalene  
Concen: 78.560 ng  
RT: 10.663 min Scan# 1178  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

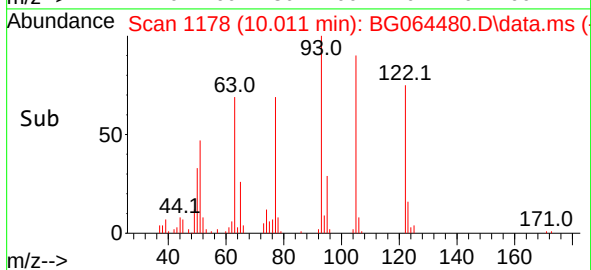
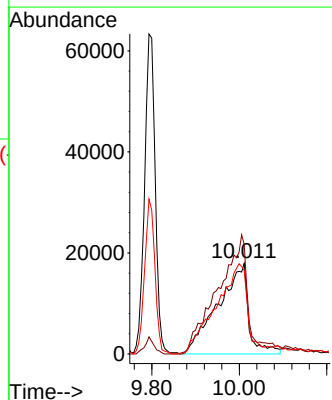
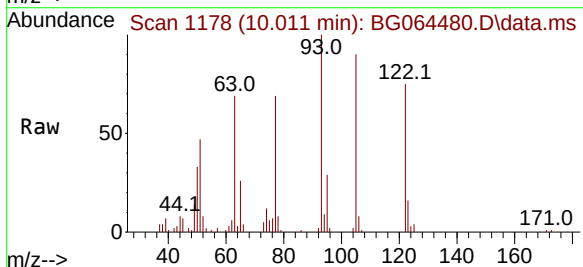
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

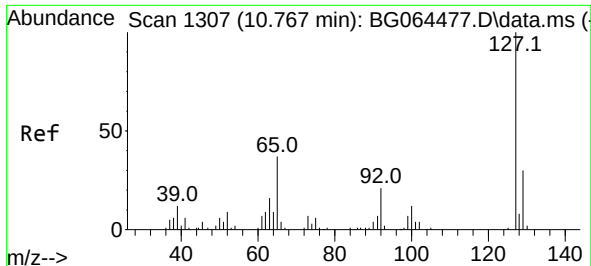
Tgt Ion:128 Resp: 382573  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.8 10.2 15.2



#32  
Benzoic acid  
Concen: 85.712 ng  
RT: 10.011 min Scan# 1178  
Delta R.T. 0.122 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:122 Resp: 87736  
Ion Ratio Lower Upper  
122 100  
105 120.9 113.9 153.9  
77 92.4 86.1 126.1

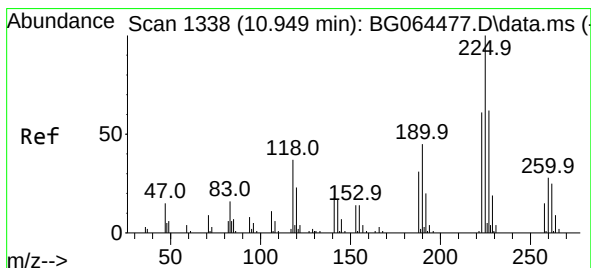
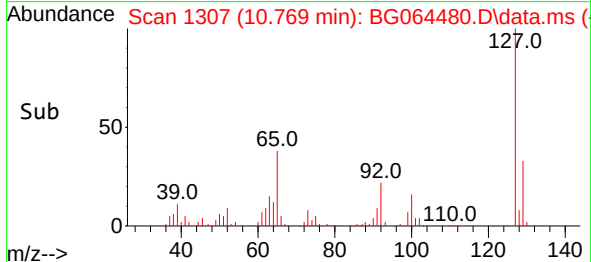
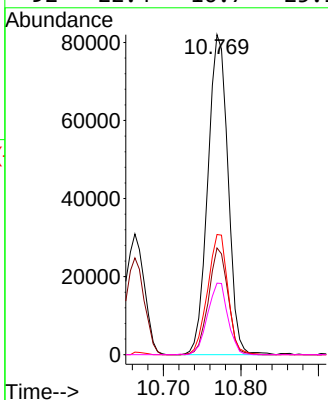
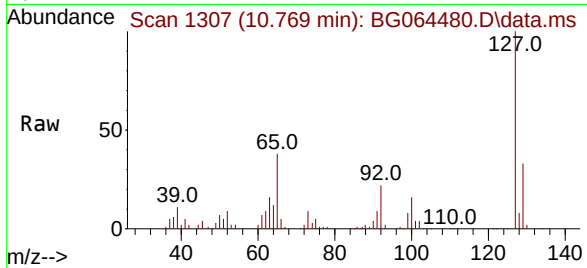




#33  
4-Chloroaniline  
Concen: 79.425 ng  
RT: 10.769 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

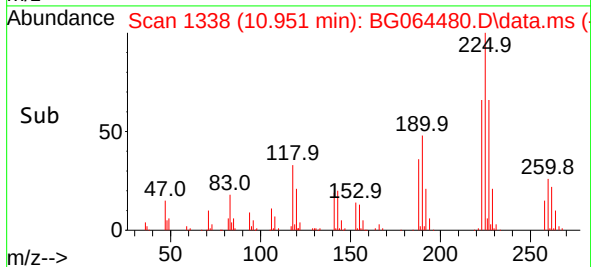
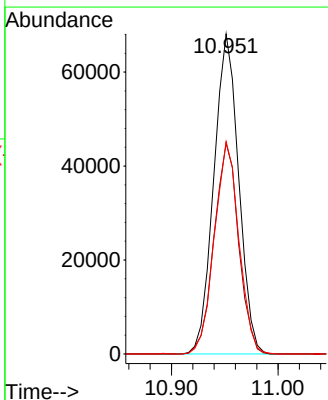
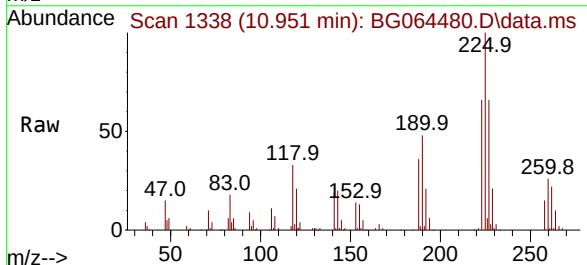
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

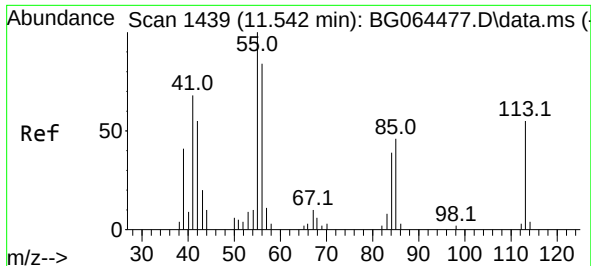
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 148423 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 33.4    | 24.2  | 36.4   |
| 65  | 37.5    | 29.6  | 44.4   |
| 92  | 22.4    | 16.7  | 25.1   |



#34  
Hexachlorobutadiene  
Concen: 76.374 ng  
RT: 10.951 min Scan# 1338  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 109953 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 65.9    | 49.0  | 73.6   |
| 227 | 66.3    | 49.9  | 74.9   |

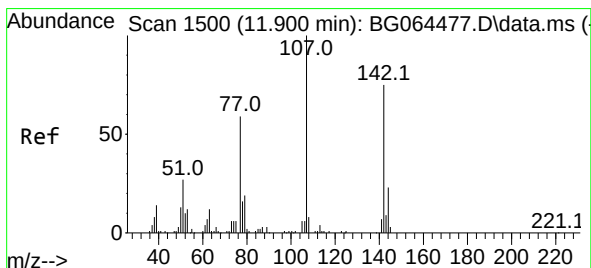
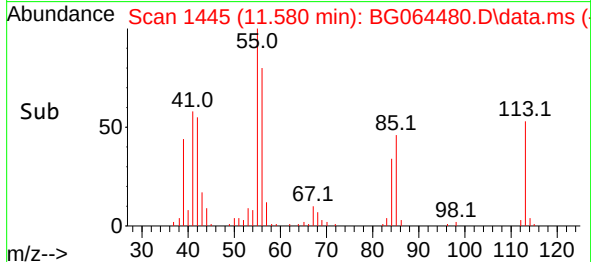
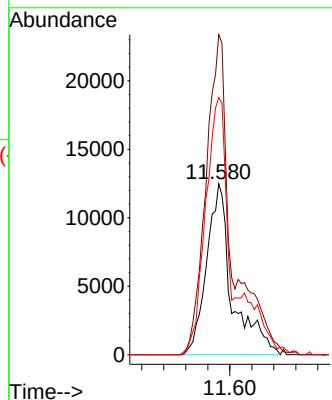
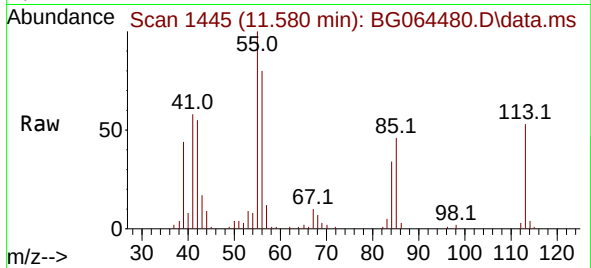




#35  
 Caprolactam  
 Concen: 76.417 ng  
 RT: 11.580 min Scan# 14  
 Delta R.T. 0.070 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

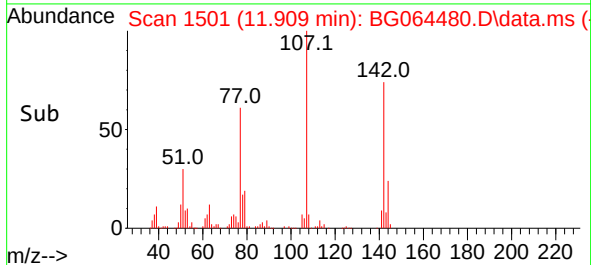
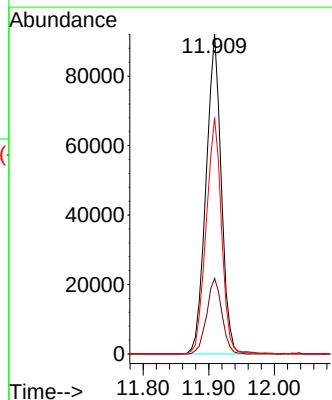
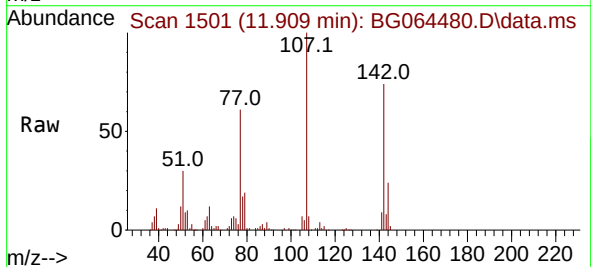
Instrument :  
 BNA\_G  
 ClientSampleId :  
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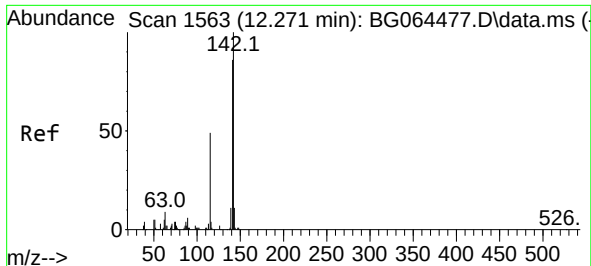
Tgt Ion:113 Resp: 40333  
 Ion Ratio Lower Upper  
 113 100  
 55 187.1 162.0 202.0  
 56 150.3 134.6 174.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 79.618 ng  
 RT: 11.909 min Scan# 1501  
 Delta R.T. 0.017 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 149274  
 Ion Ratio Lower Upper  
 107 100  
 144 23.6 18.7 28.1  
 142 73.9 60.2 90.2

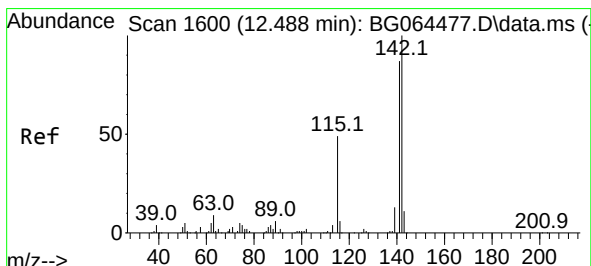
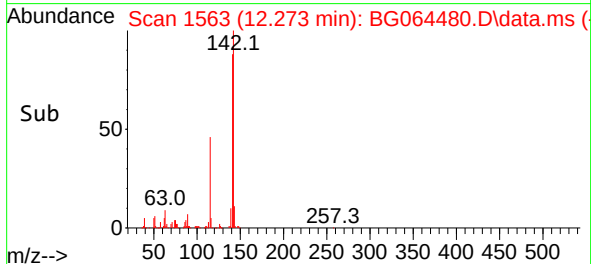
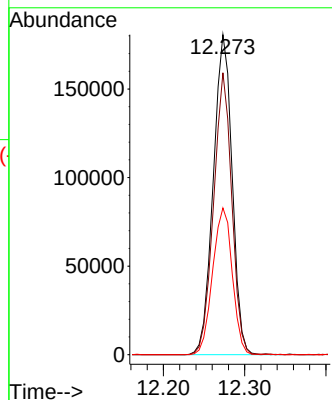
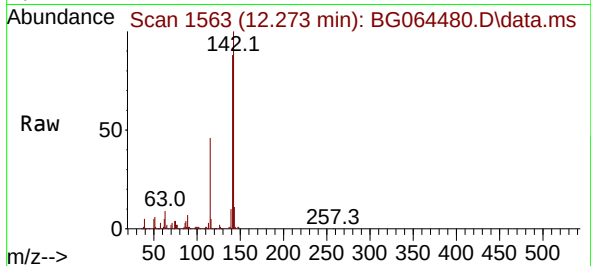




#37  
2-Methylnaphthalene  
Concen: 77.931 ng  
RT: 12.273 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

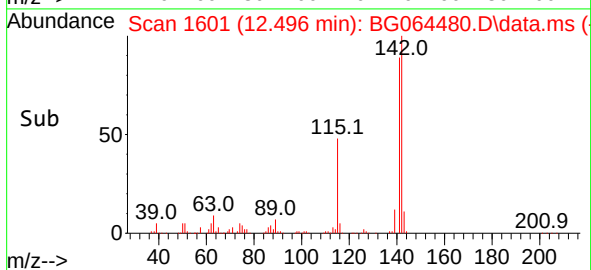
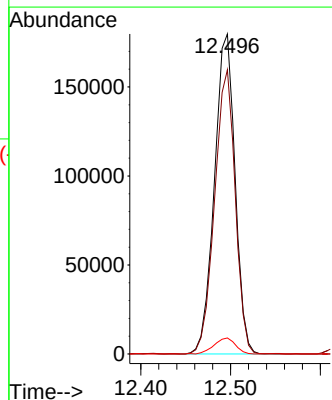
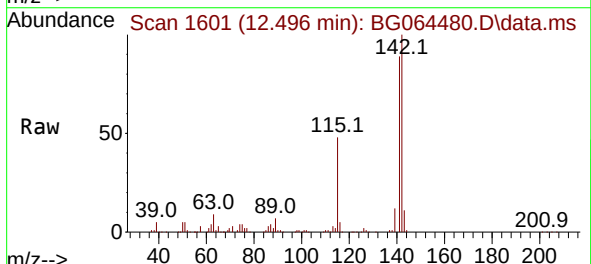
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

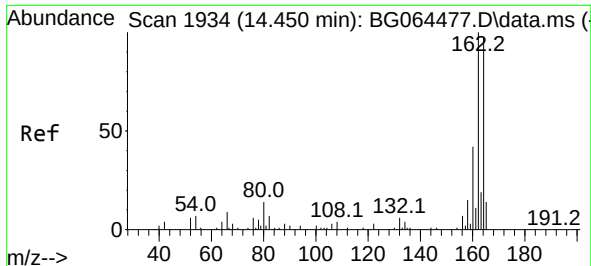
Tgt Ion:142 Resp: 291318  
Ion Ratio Lower Upper  
142 100  
141 88.1 68.7 103.1  
115 45.9 39.3 58.9



#38  
1-Methylnaphthalene  
Concen: 76.924 ng  
RT: 12.496 min Scan# 1601  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:142 Resp: 286731  
Ion Ratio Lower Upper  
142 100  
141 88.8 69.8 104.8  
116 5.0 4.6 6.8

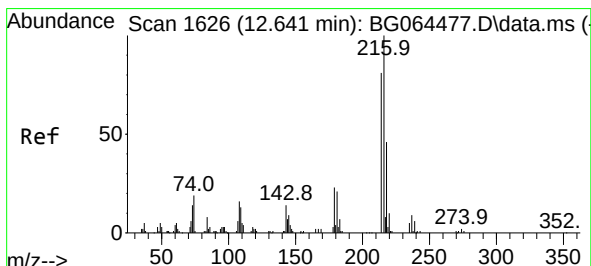
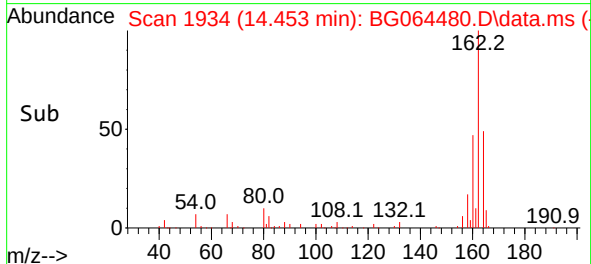
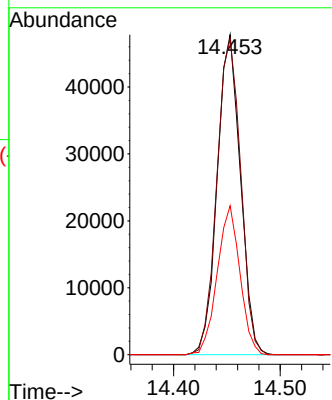
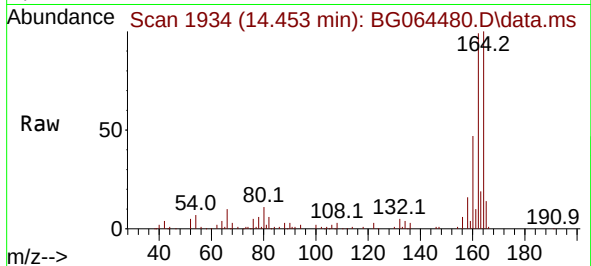




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.453 min Scan# 1934  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

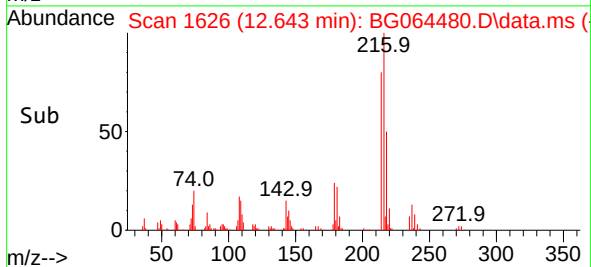
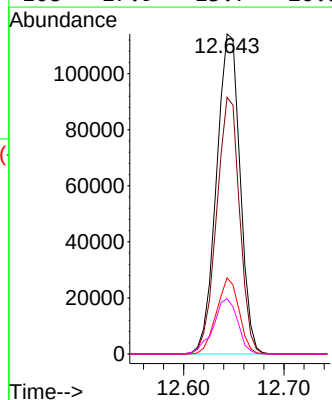
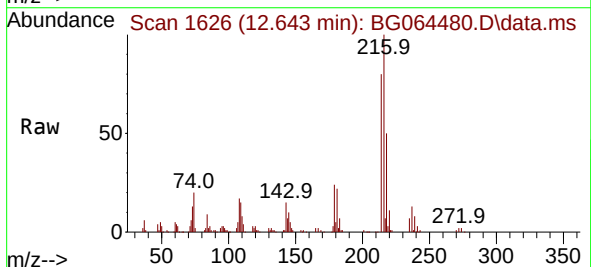
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

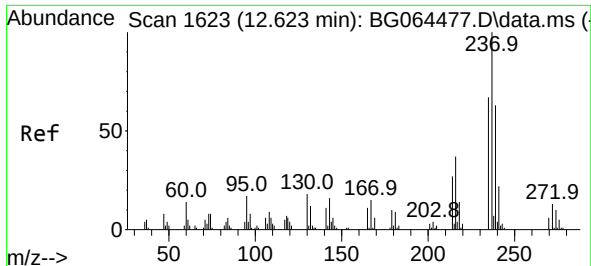
Tgt Ion:164 Resp: 72073  
Ion Ratio Lower Upper  
164 100  
162 98.7 82.2 123.2  
160 46.5 34.3 51.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 80.056 ng  
RT: 12.643 min Scan# 1626  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

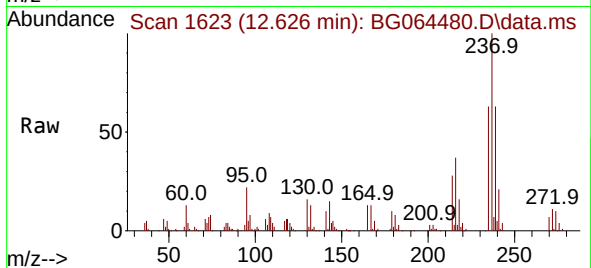
Tgt Ion:216 Resp: 186298  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.5 93.7  
179 22.7 17.0 25.6  
108 17.9 13.7 20.5



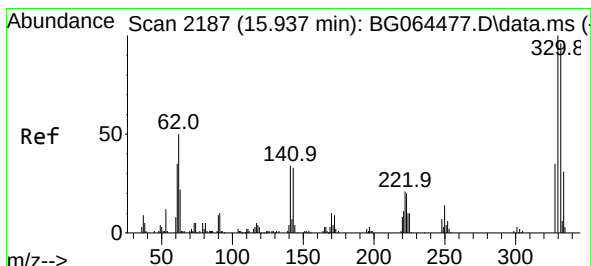
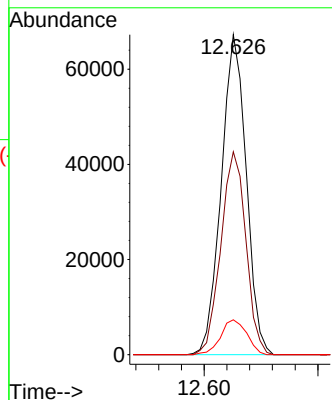
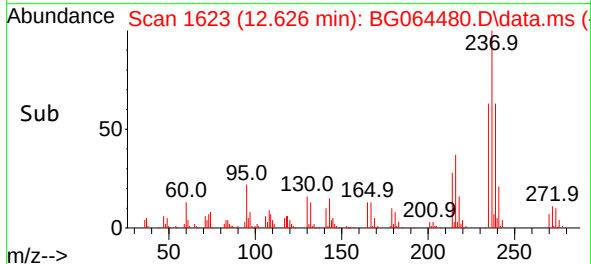


#41  
Hexachlorocyclopentadiene  
Concen: 84.207 ng  
RT: 12.626 min Scan# 1  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

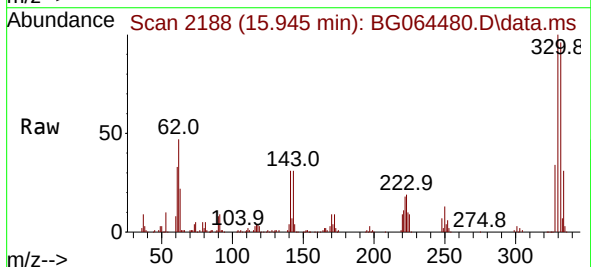
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



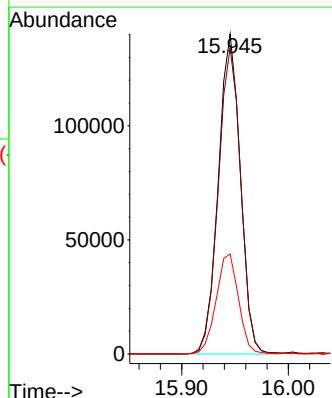
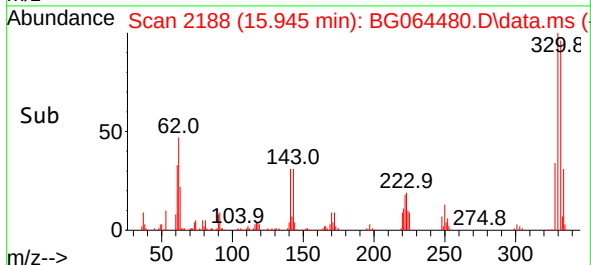
Tgt Ion:237 Resp: 102505  
Ion Ratio Lower Upper  
237 100  
235 63.4 46.9 86.9  
272 10.9 0.0 32.6



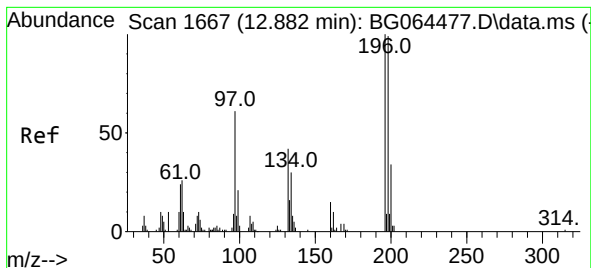
#42  
2,4,6-Tribromophenol  
Concen: 153.817 ng  
RT: 15.945 min Scan# 2188  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:330 Resp: 200950  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.4 116.0  
141 31.9 25.8 38.6







#43

2,4,6-Trichlorophenol

Concen: 80.265 ng

RT: 12.884 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

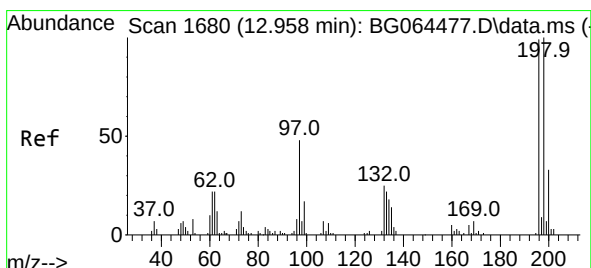
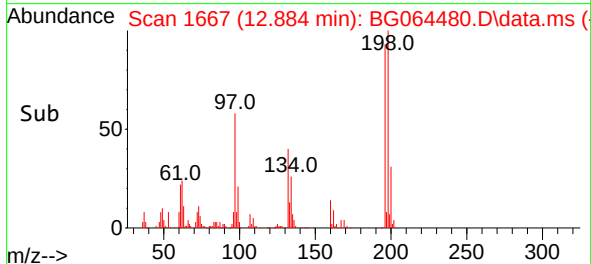
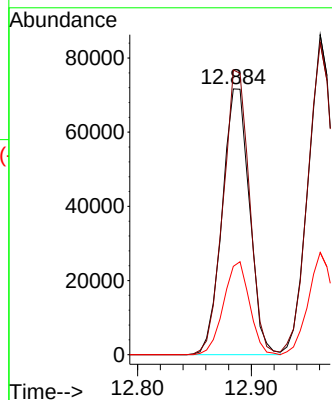
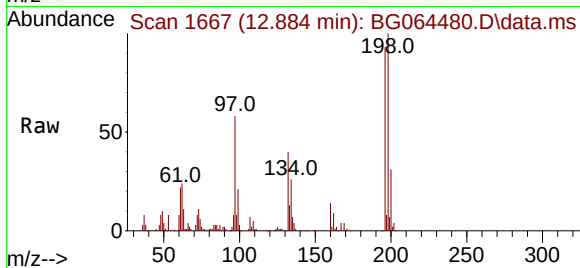
Tgt Ion:196 Resp: 119404

Ion Ratio Lower Upper

196 100

198 107.1 79.3 118.9

200 33.3 27.4 41.2



#44

2,4,5-Trichlorophenol

Concen: 81.602 ng

RT: 12.961 min Scan# 1680

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:196 Resp: 135525

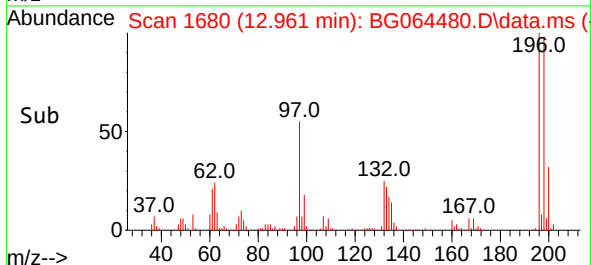
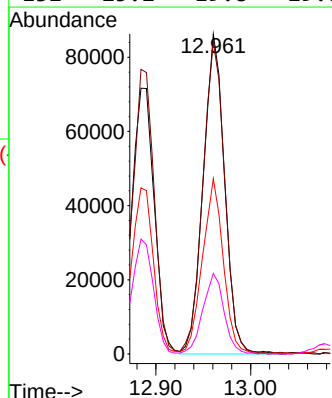
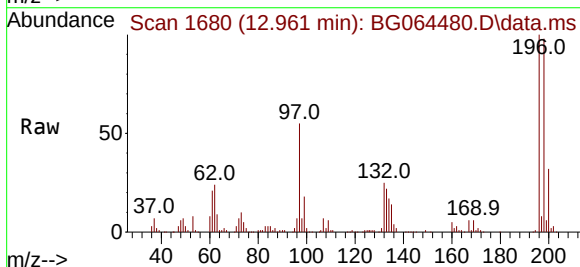
Ion Ratio Lower Upper

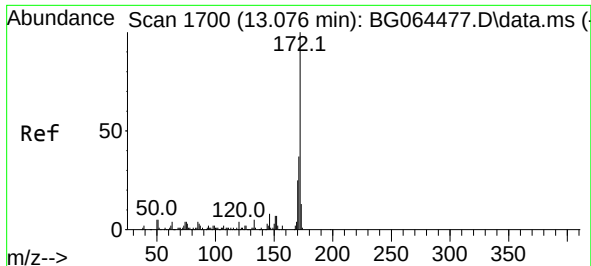
196 100

198 97.6 80.3 120.5

97 54.8 39.4 59.0

132 25.2 19.8 29.8

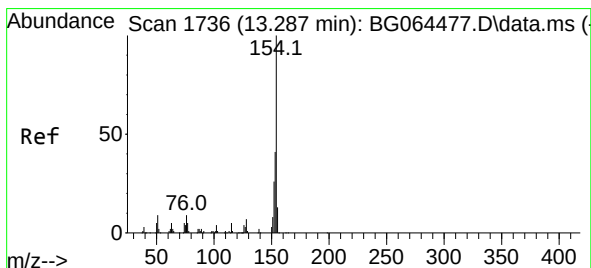
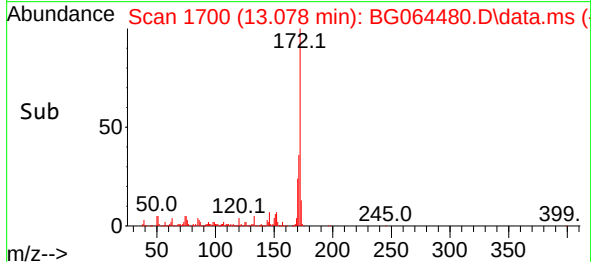
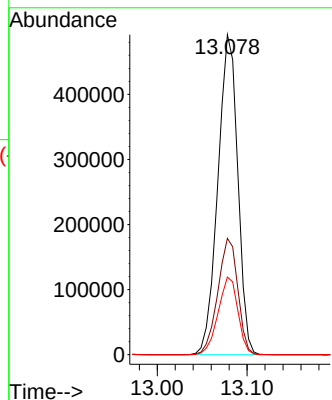
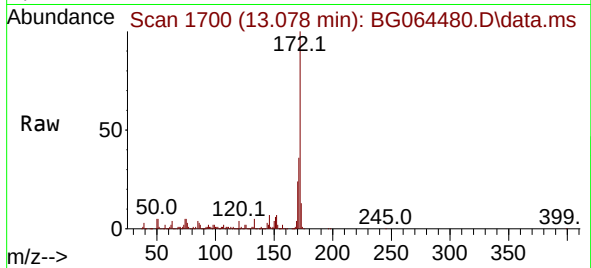




#45  
2-Fluorobiphenyl  
Concen: 154.518 ng  
RT: 13.078 min Scan# 1700  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

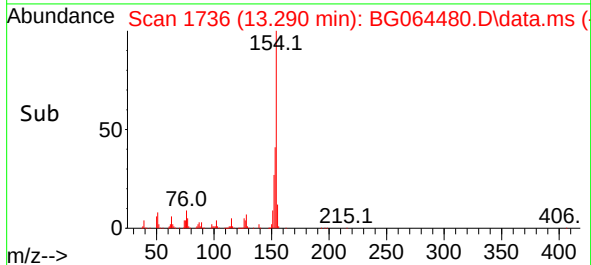
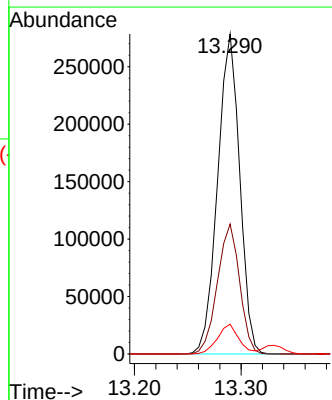
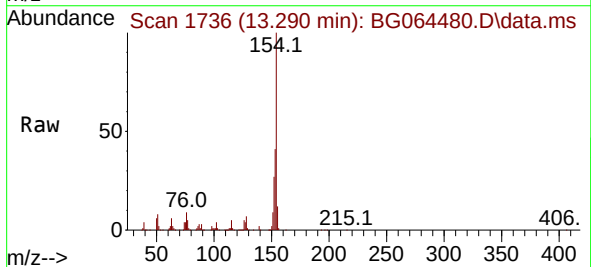
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

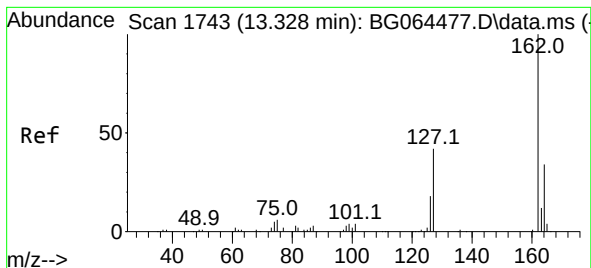
Tgt Ion:172 Resp: 755535  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.3 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 77.125 ng  
RT: 13.290 min Scan# 1736  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 399798  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.7 60.7  
76 9.3 0.0 29.3

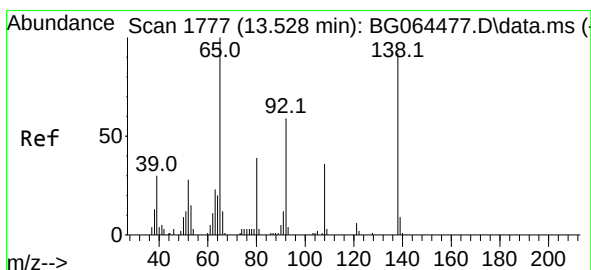
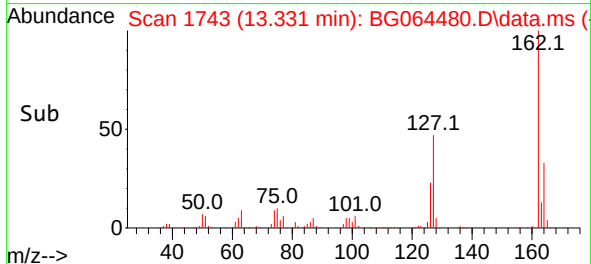
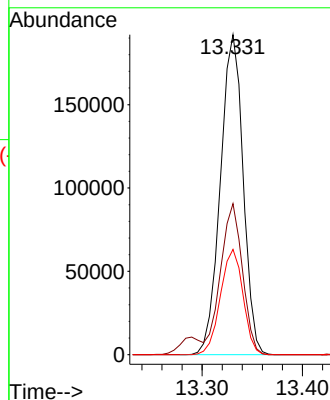
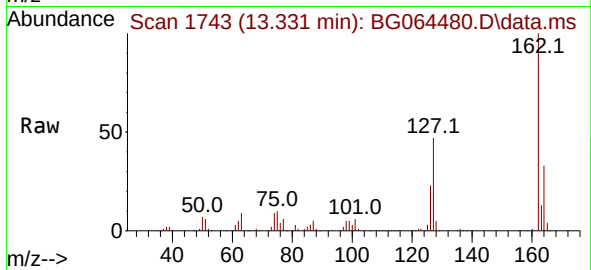




#47  
2-Chloronaphthalene  
Concen: 77.951 ng  
RT: 13.331 min Scan# 1743  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

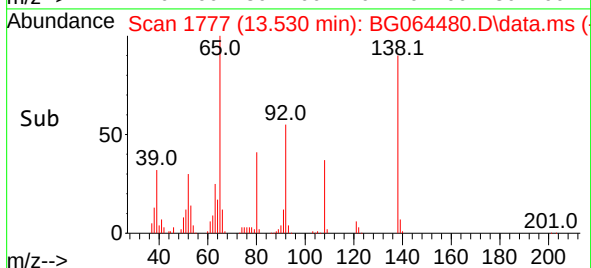
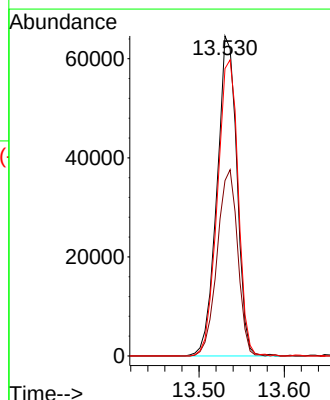
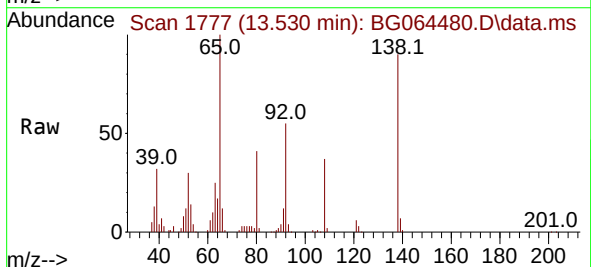
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

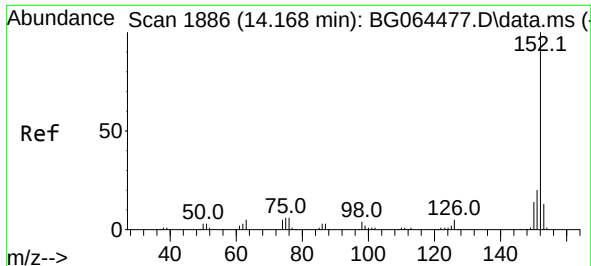
Tgt Ion:162 Resp: 301691  
Ion Ratio Lower Upper  
162 100  
127 47.2 35.8 53.8  
164 32.9 27.2 40.8



#48  
2-Nitroaniline  
Concen: 79.555 ng  
RT: 13.530 min Scan# 1777  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 65 Resp: 105087  
Ion Ratio Lower Upper  
65 100  
92 54.8 47.0 70.6  
138 89.8 73.5 110.3

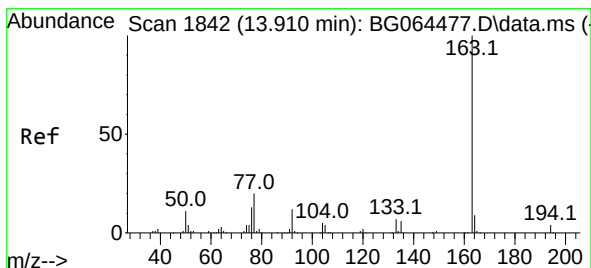
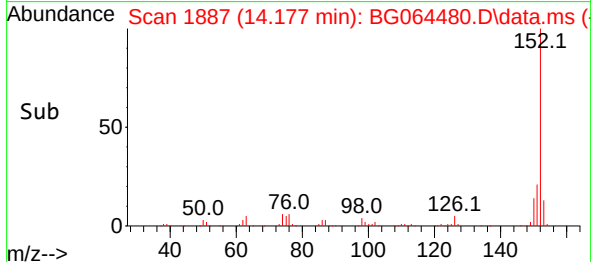
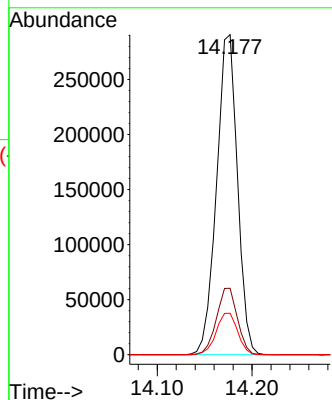
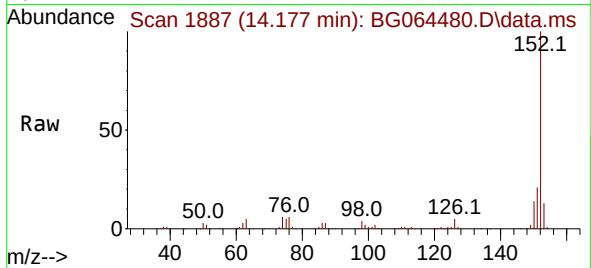




#49  
Acenaphthylene  
Concen: 77.600 ng  
RT: 14.177 min Scan# 1887  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

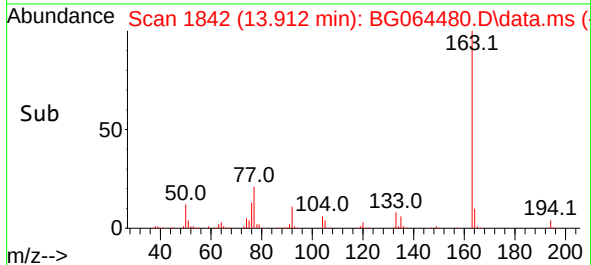
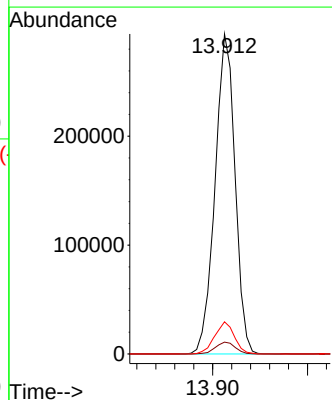
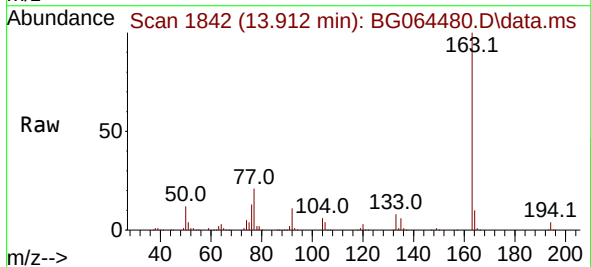
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

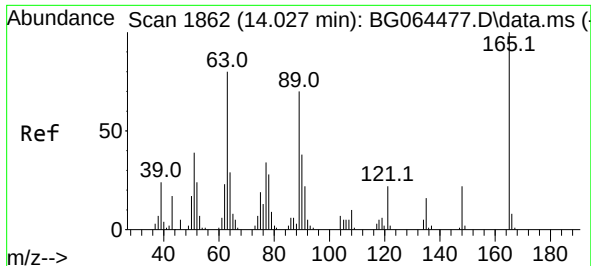
Tgt Ion:152 Resp: 445834  
Ion Ratio Lower Upper  
152 100  
151 20.8 15.8 23.6  
153 13.0 10.6 15.8



#50  
Dimethylphthalate  
Concen: 76.251 ng  
RT: 13.912 min Scan# 1842  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:163 Resp: 430419  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.0 7.4 11.0

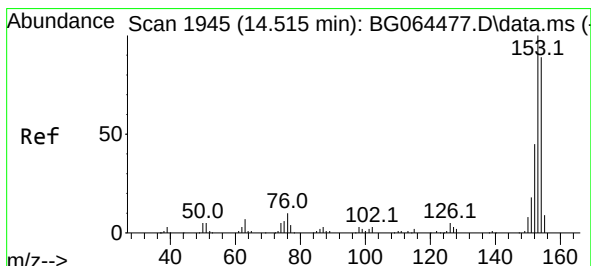
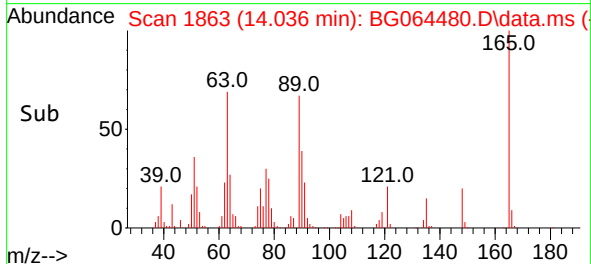
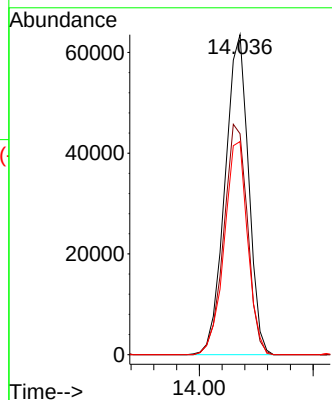
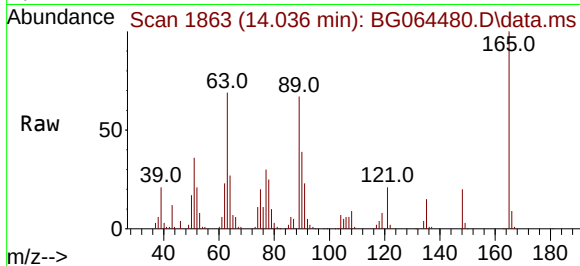




#51  
2,6-Dinitrotoluene  
Concen: 77.551 ng  
RT: 14.036 min Scan# 1863  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

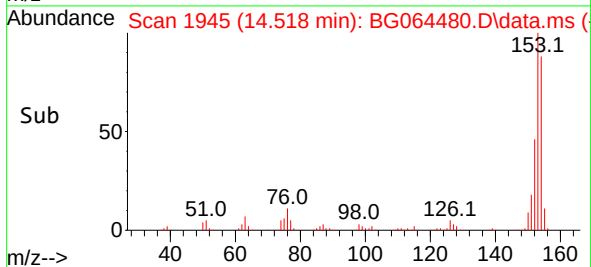
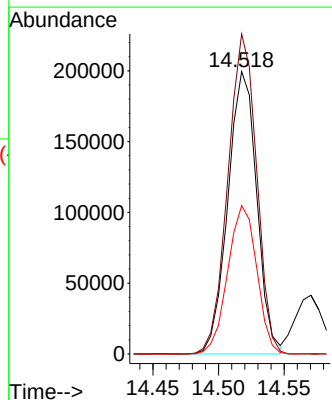
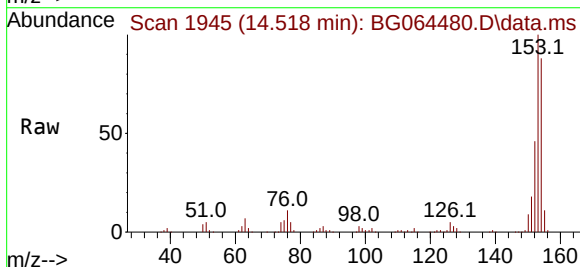
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

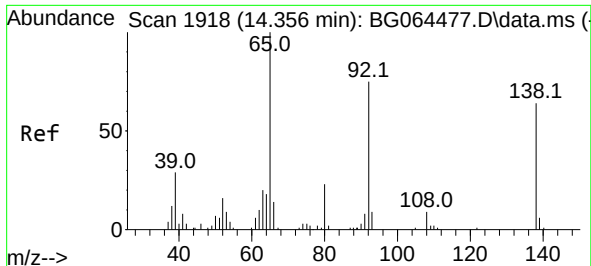
Tgt Ion:165 Resp: 91191  
Ion Ratio Lower Upper  
165 100  
63 69.0 63.9 95.9  
89 66.6 56.1 84.1



#52  
Acenaphthene  
Concen: 76.421 ng  
RT: 14.518 min Scan# 1945  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 305038  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.2 135.4  
152 52.5 40.2 60.4

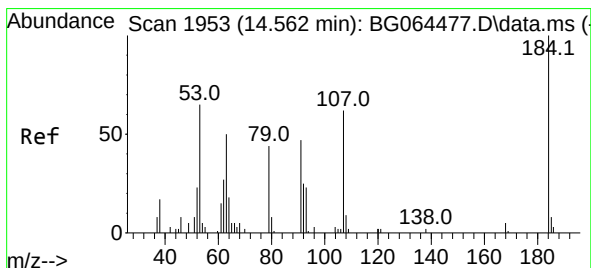
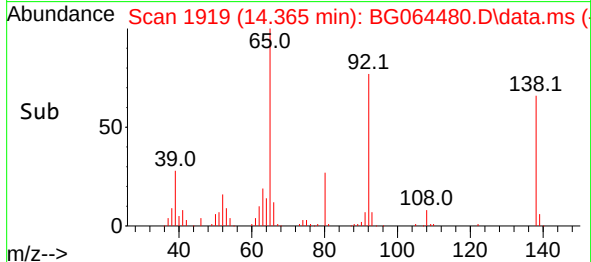
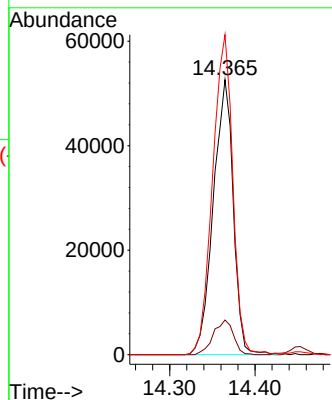
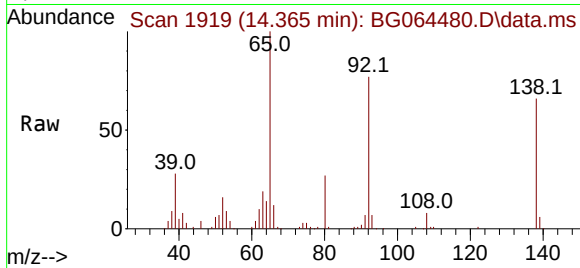




#53  
3-Nitroaniline  
Concen: 78.688 ng  
RT: 14.365 min Scan# 1919  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

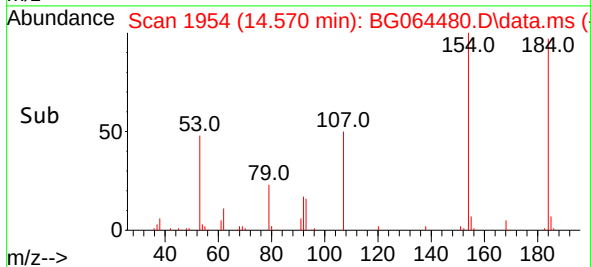
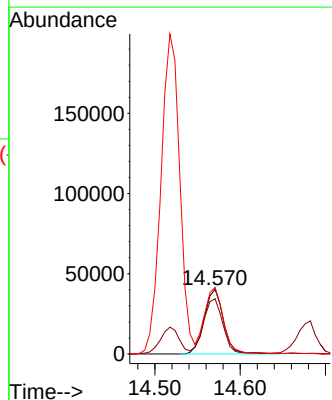
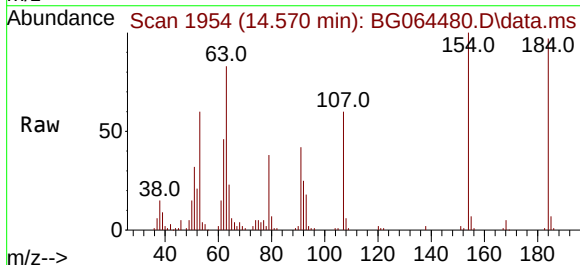
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

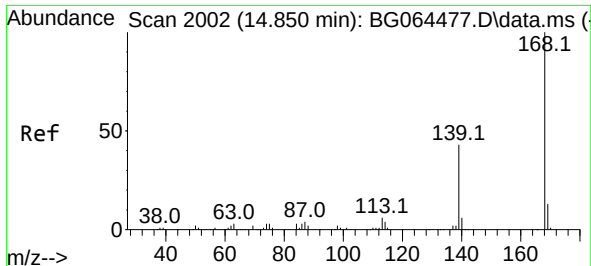
Tgt Ion:138 Resp: 85333  
Ion Ratio Lower Upper  
138 100  
108 12.6 10.6 15.8  
92 116.4 93.2 139.8



#54  
2,4-Dinitrophenol  
Concen: 74.326 ng  
RT: 14.570 min Scan# 1954  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

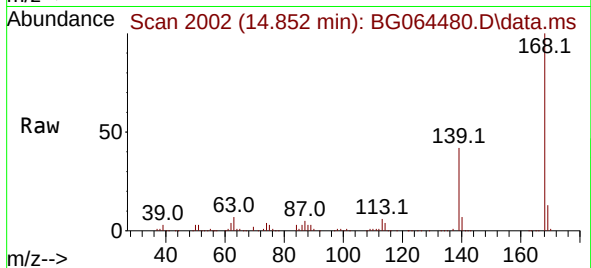
Tgt Ion:184 Resp: 63374  
Ion Ratio Lower Upper  
184 100  
63 85.4 69.0 103.4  
154 103.1 95.6 143.4



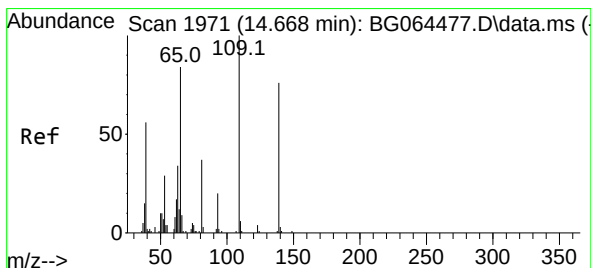
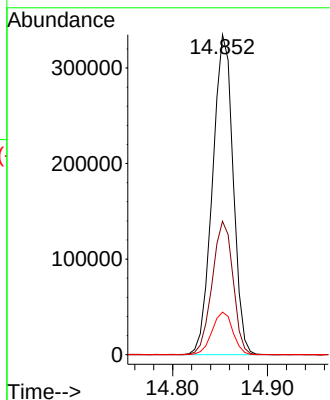
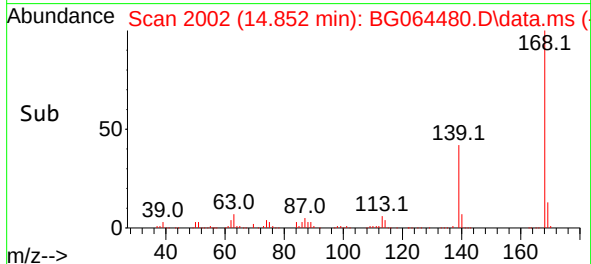


#55  
Dibenzofuran  
Concen: 76.684 ng  
RT: 14.852 min Scan# 2002  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

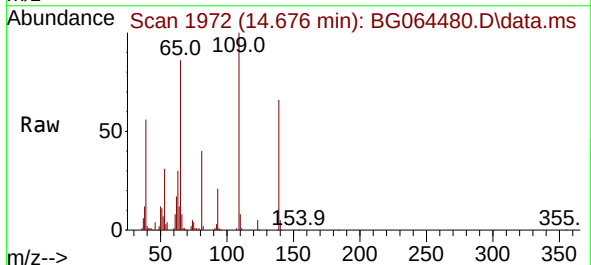
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



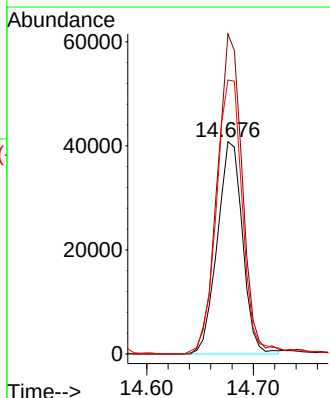
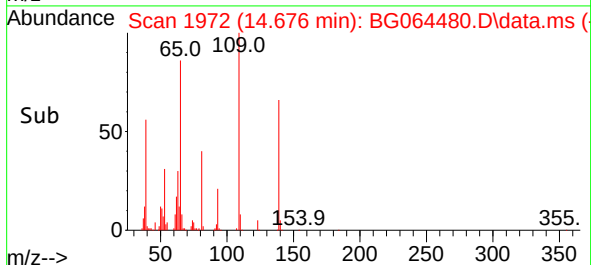
Tgt Ion:168 Resp: 505395  
Ion Ratio Lower Upper  
168 100  
139 41.7 34.0 51.0  
169 13.3 10.2 15.2

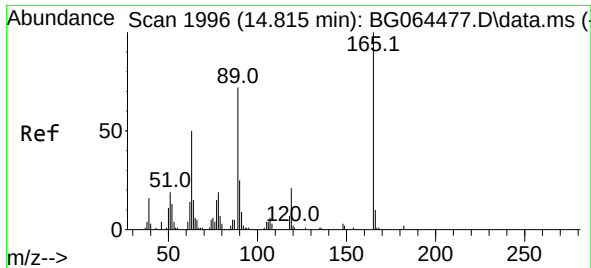


#56  
4-Nitrophenol  
Concen: 78.369 ng  
RT: 14.676 min Scan# 1972  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:139 Resp: 66912  
Ion Ratio Lower Upper  
139 100  
109 150.7 111.8 151.8  
65 129.0 91.1 131.1

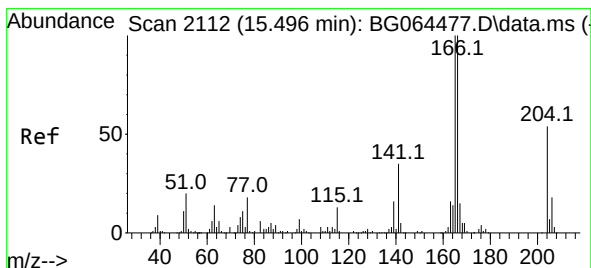
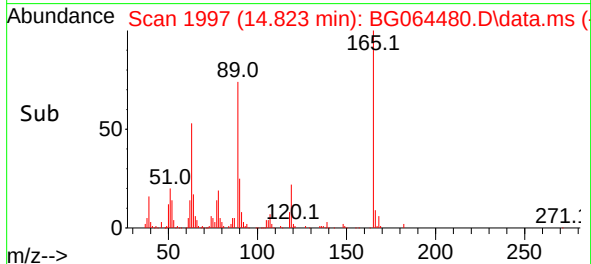
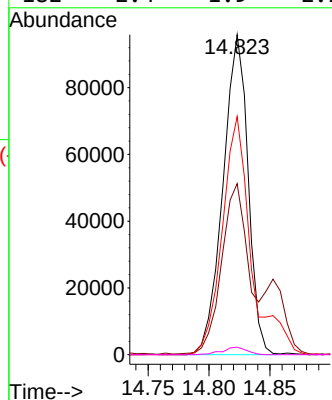
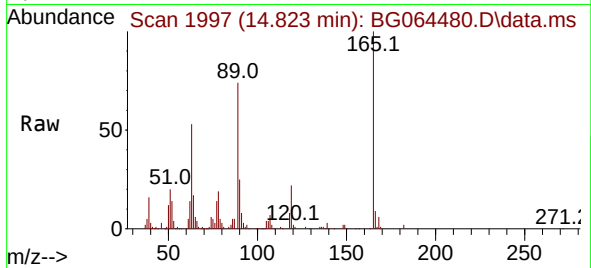




#57  
2,4-Dinitrotoluene  
Concen: 76.527 ng  
RT: 14.823 min Scan# 1996  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

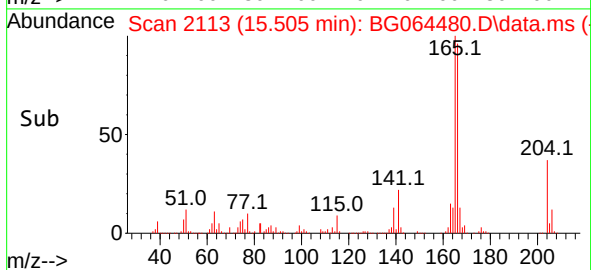
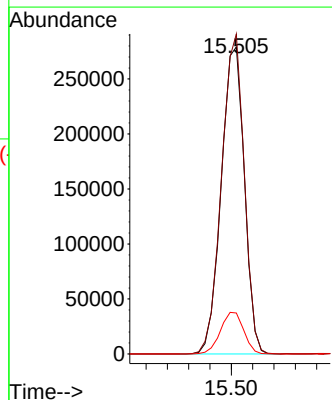
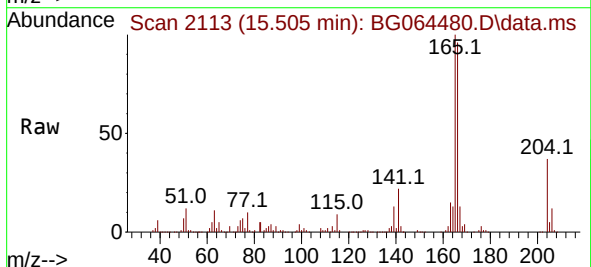
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:165 Resp: 137560  
Ion Ratio Lower Upper  
165 100  
63 53.4 40.4 60.6  
89 74.4 57.3 85.9  
182 2.4 1.9 2.9

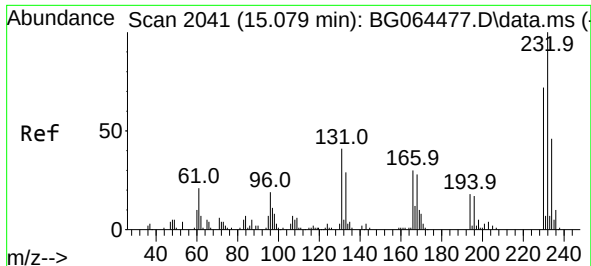


#58  
Fluorene  
Concen: 76.728 ng  
RT: 15.505 min Scan# 2113  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:166 Resp: 420400  
Ion Ratio Lower Upper  
166 100  
165 104.2 79.8 119.6  
167 13.3 11.7 17.5



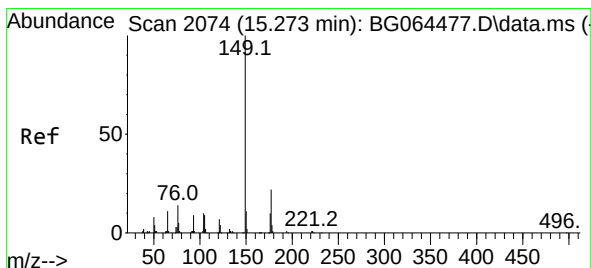
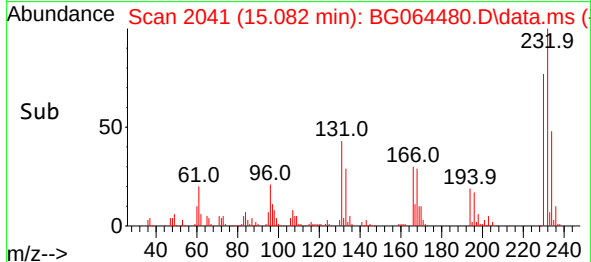
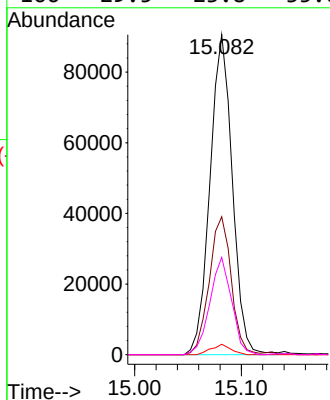
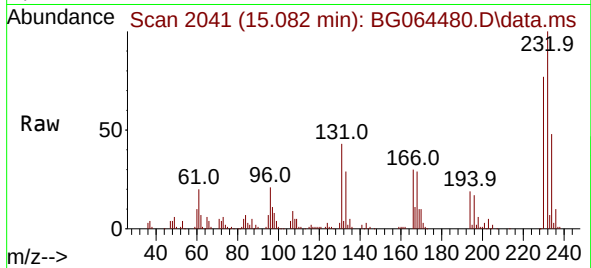




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 77.799 ng  
RT: 15.082 min Scan# 2041  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

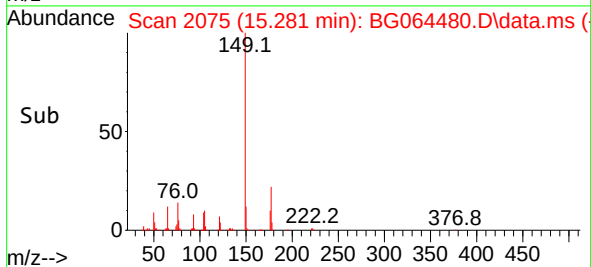
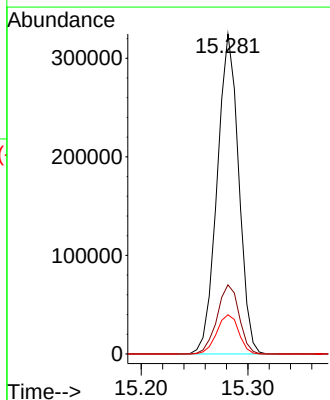
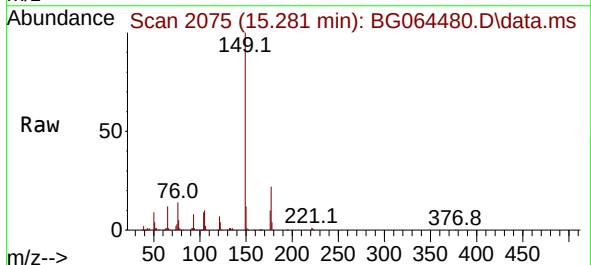
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

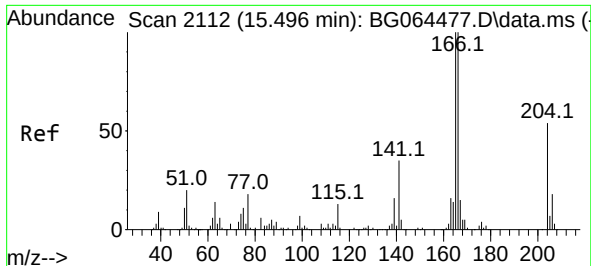
Tgt Ion:232 Resp: 131866  
Ion Ratio Lower Upper  
232 100  
131 43.0 35.0 52.4  
130 2.8 2.0 3.0  
166 29.5 23.8 35.6



#60  
Diethylphthalate  
Concen: 75.126 ng  
RT: 15.281 min Scan# 2075  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 454922  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.2 9.1 13.7

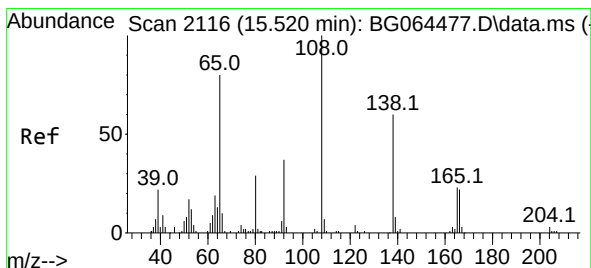
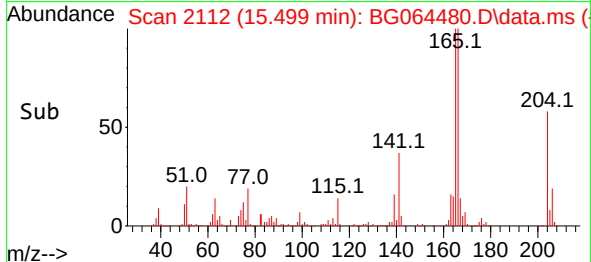
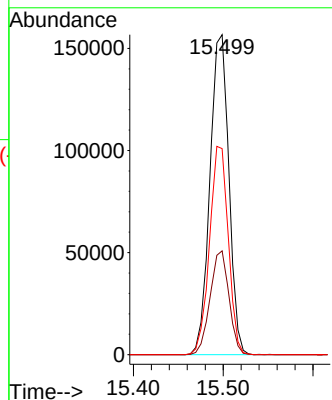
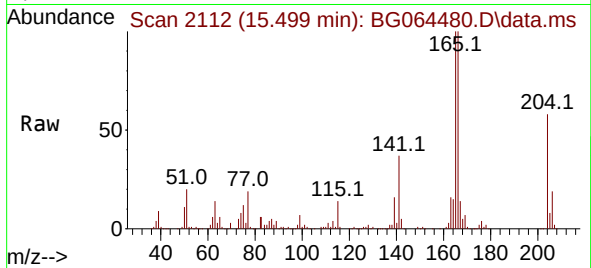




#61  
4-Chlorophenyl-phenylether  
Concen: 76.517 ng  
RT: 15.499 min Scan# 2112  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

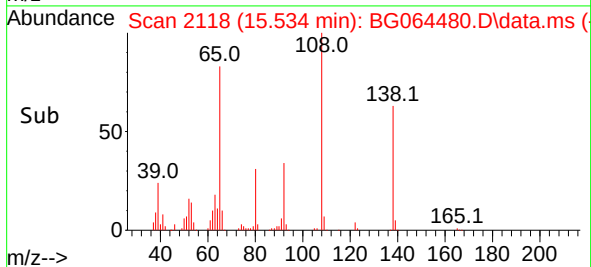
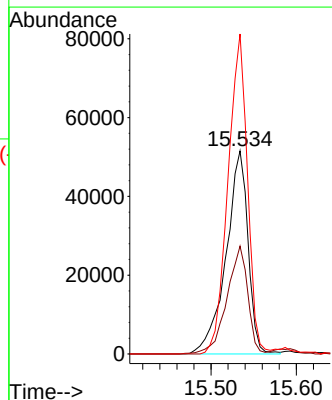
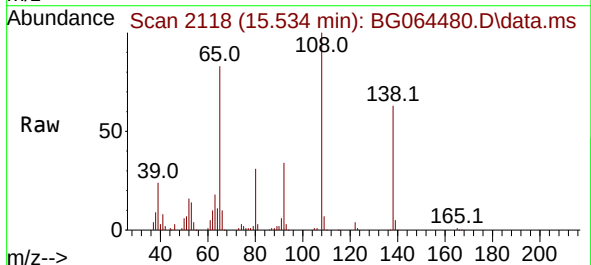
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

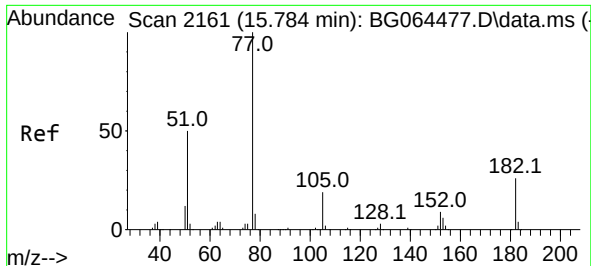
Tgt Ion:204 Resp: 228883  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.1 40.7  
141 64.4 51.5 77.3



#62  
4-Nitroaniline  
Concen: 81.579 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:138 Resp: 92207  
Ion Ratio Lower Upper  
138 100  
92 53.1 42.3 82.3  
108 157.6 147.7 187.7

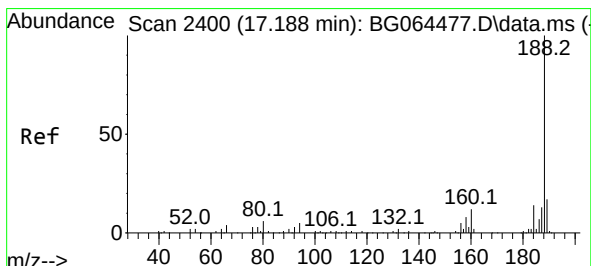
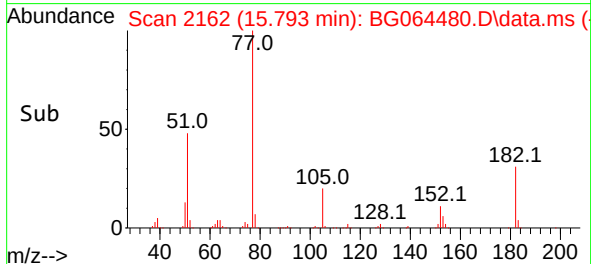
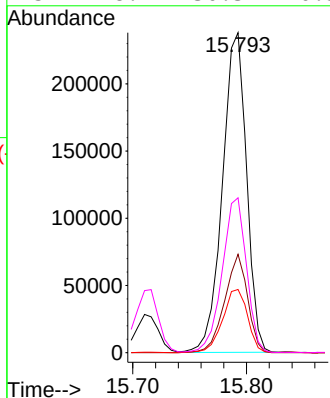
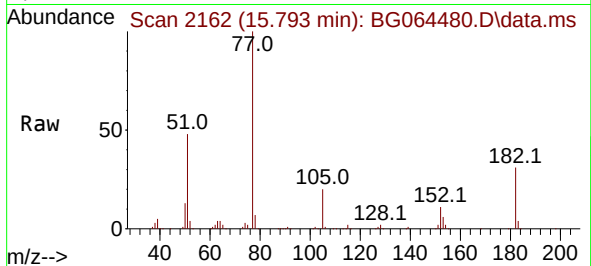




#63  
Azobenzene  
Concen: 74.723 ng  
RT: 15.793 min Scan# 2162  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

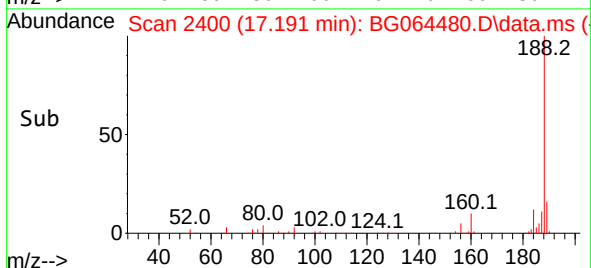
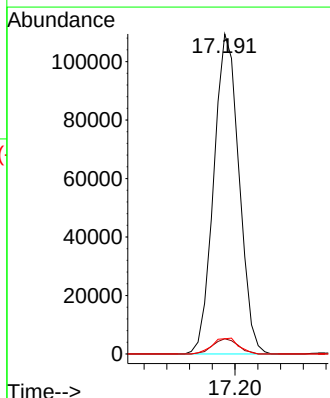
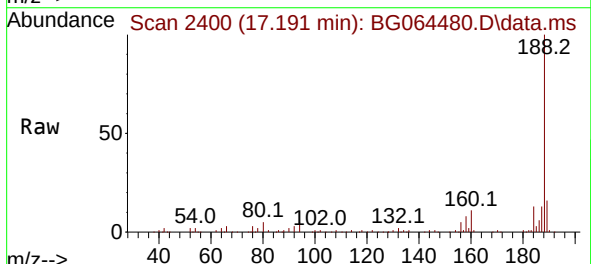
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

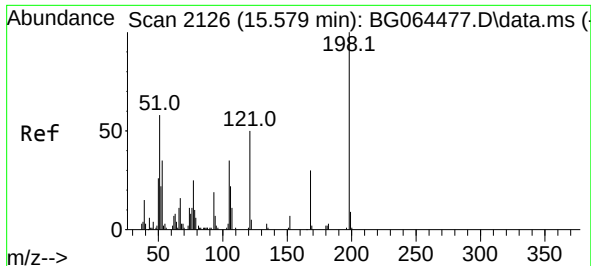
|             |                |
|-------------|----------------|
| Tgt Ion: 77 | Resp: 350430   |
| Ion Ratio   | Lower Upper    |
| 77          | 100            |
| 182         | 30.7 6.3 46.3  |
| 105         | 19.8 0.0 38.7  |
| 51          | 48.4 30.3 70.3 |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.191 min Scan# 2400  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 168856 |
| Ion Ratio    | Lower Upper  |
| 188          | 100          |
| 94           | 4.8 3.7 5.5  |
| 80           | 4.7 4.5 6.7  |

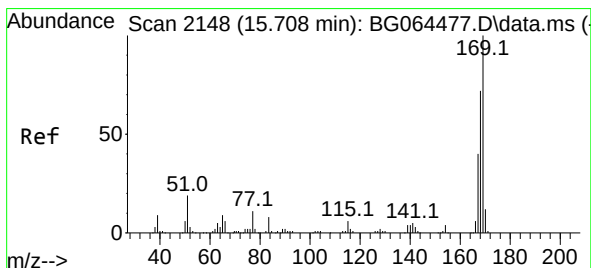
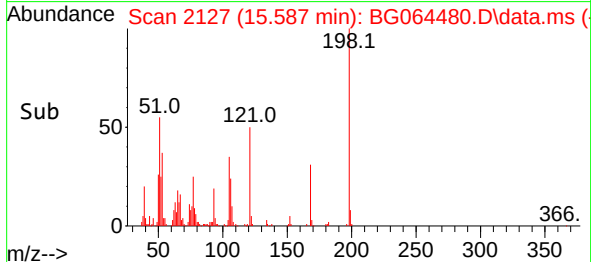
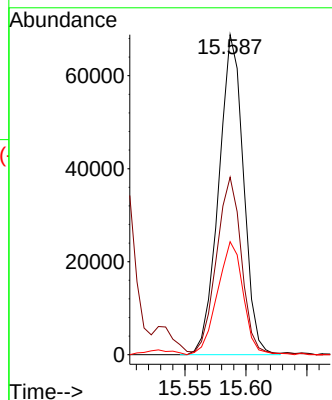
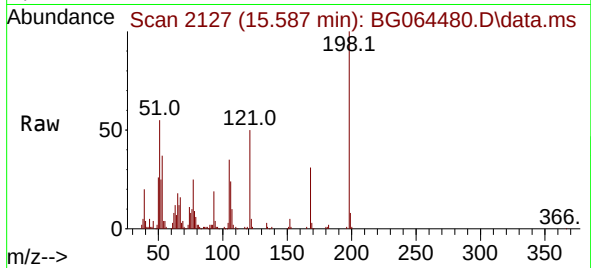




#65  
4,6-Dinitro-2-methylphenol  
Concen: 82.760 ng  
RT: 15.587 min Scan# 2127  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

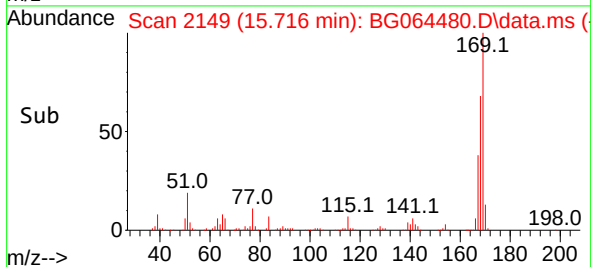
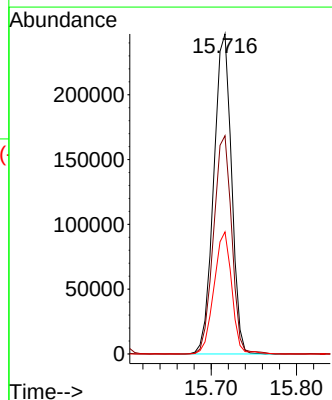
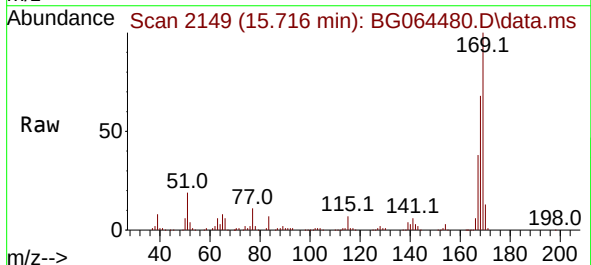
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

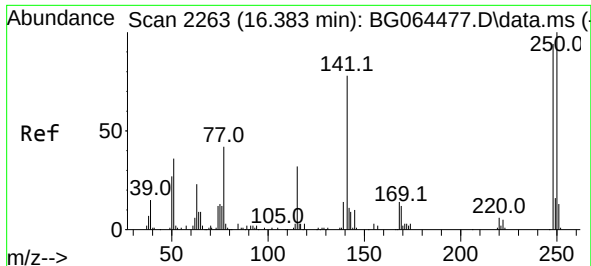
Tgt Ion:198 Resp: 97300  
Ion Ratio Lower Upper  
198 100  
51 55.5 39.0 79.0  
105 35.3 15.8 55.8



#66  
n-Nitrosodiphenylamine  
Concen: 79.230 ng  
RT: 15.716 min Scan# 2149  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:169 Resp: 357258  
Ion Ratio Lower Upper  
169 100  
168 68.2 57.8 86.6  
167 38.2 31.7 47.5

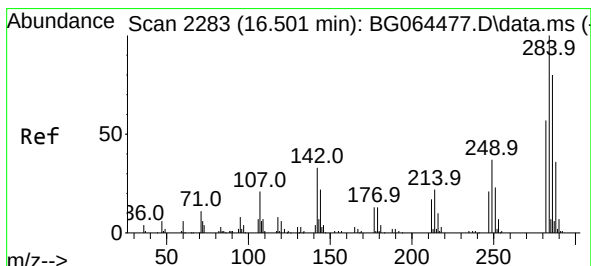
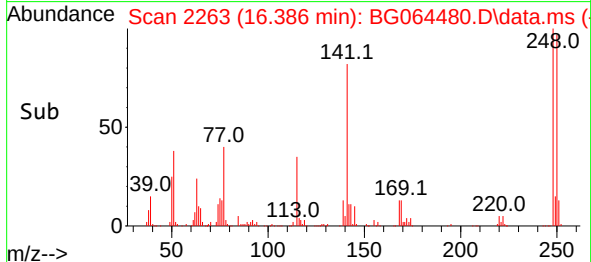
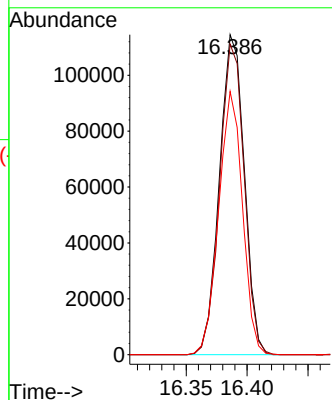
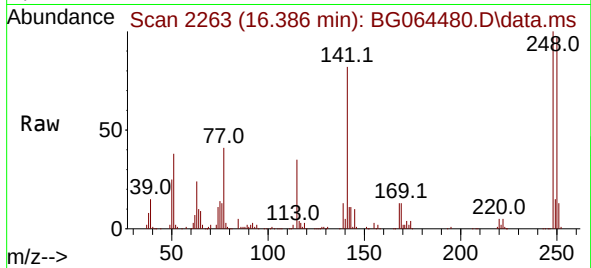




#67  
4-Bromophenyl-phenylether  
Concen: 81.997 ng  
RT: 16.386 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

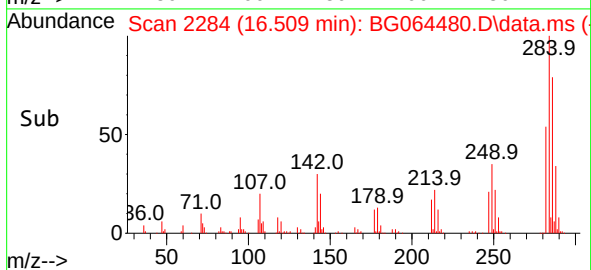
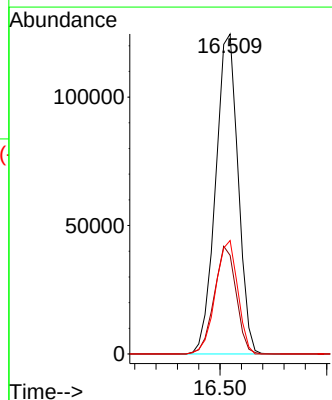
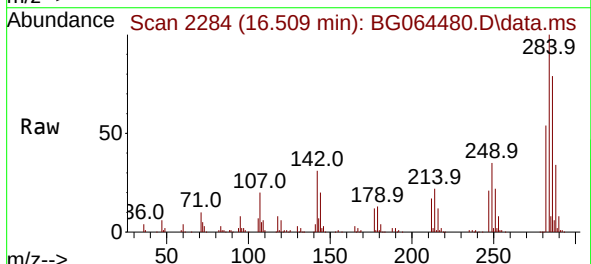
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

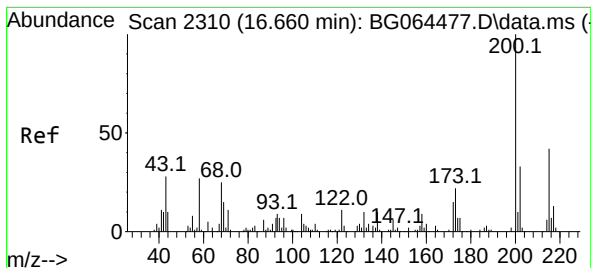
Tgt Ion:248 Resp: 162931  
Ion Ratio Lower Upper  
248 100  
250 97.1 85.3 127.9  
141 82.3 66.2 99.2



#68  
Hexachlorobenzene  
Concen: 80.068 ng  
RT: 16.509 min Scan# 2284  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:284 Resp: 182054  
Ion Ratio Lower Upper  
284 100  
142 30.8 26.2 39.2  
249 35.5 29.4 44.0





#69

Atrazine

Concen: 73.799 ng

RT: 16.662 min Scan# 21

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

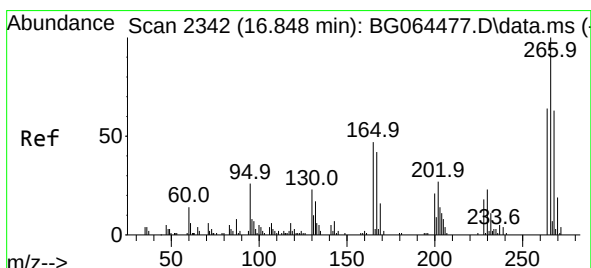
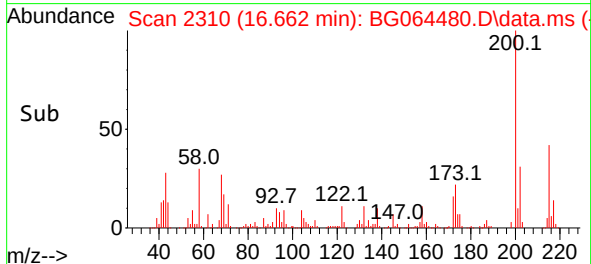
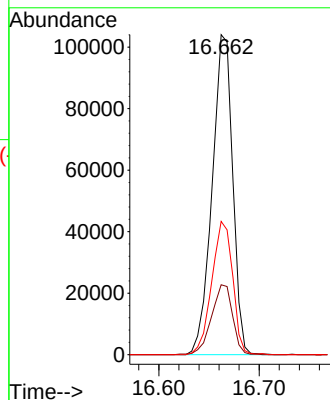
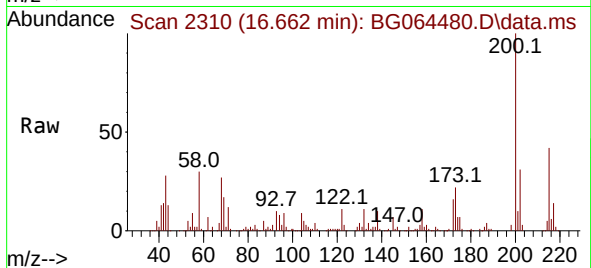
Tgt Ion:200 Resp: 148051

Ion Ratio Lower Upper

200 100

173 21.9 2.5 42.5

215 41.7 21.5 61.5



#70

Pentachlorophenol

Concen: 88.752 ng

RT: 16.850 min Scan# 2342

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

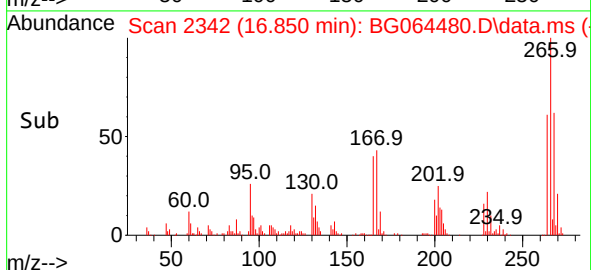
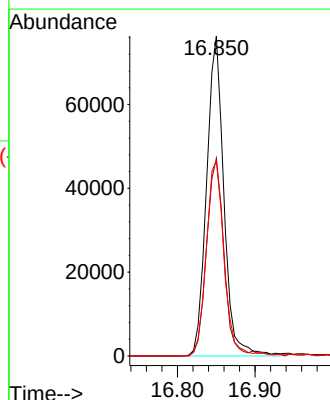
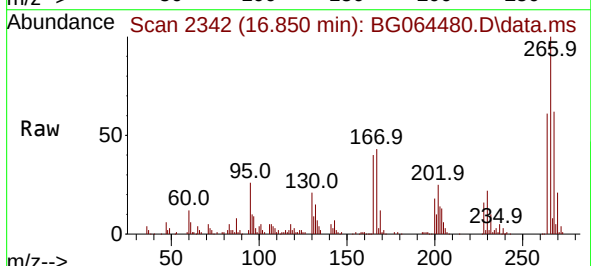
Tgt Ion:266 Resp: 117991

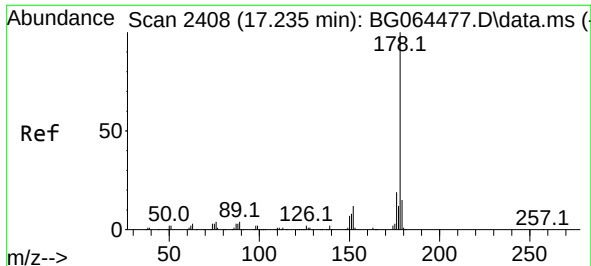
Ion Ratio Lower Upper

266 100

268 61.7 50.6 75.8

264 60.9 51.2 76.8

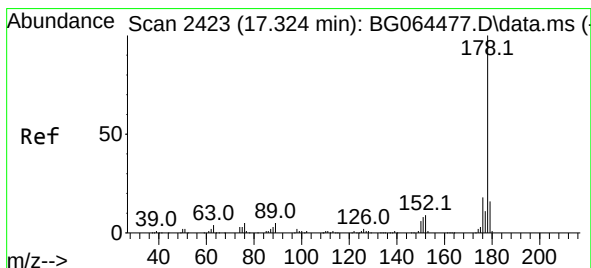
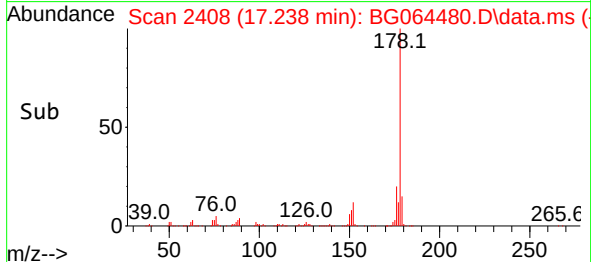
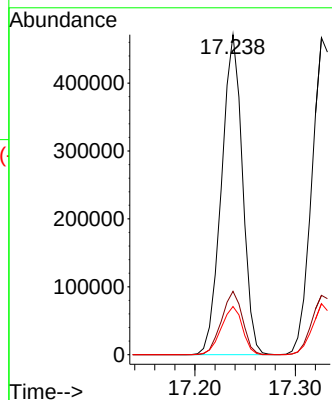
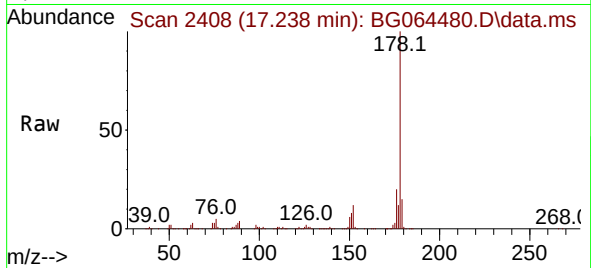




#71  
Phenanthrene  
Concen: 77.283 ng  
RT: 17.238 min Scan# 2408  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

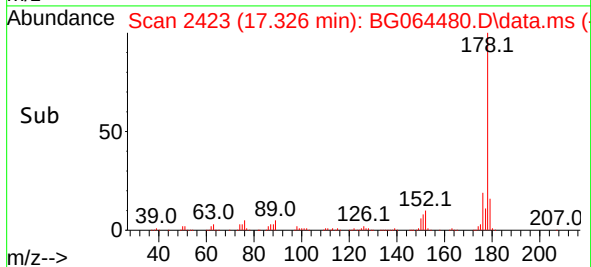
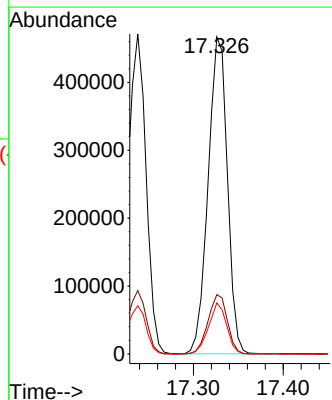
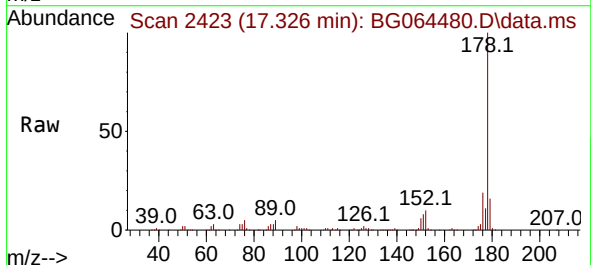
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

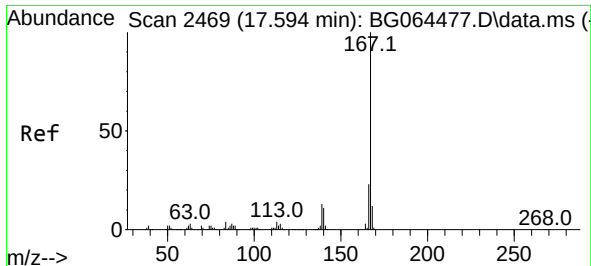
Tgt Ion:178 Resp: 682440  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.2 22.8  
179 15.1 11.8 17.6



#72  
Anthracene  
Concen: 78.433 ng  
RT: 17.326 min Scan# 2423  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:178 Resp: 694820  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 21.8  
179 16.1 12.5 18.7



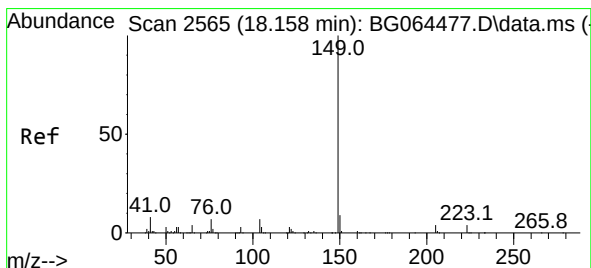
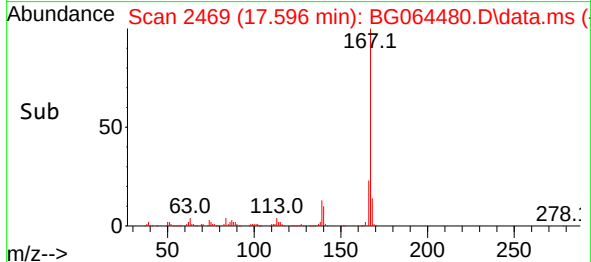
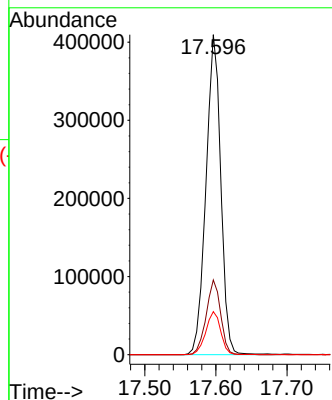
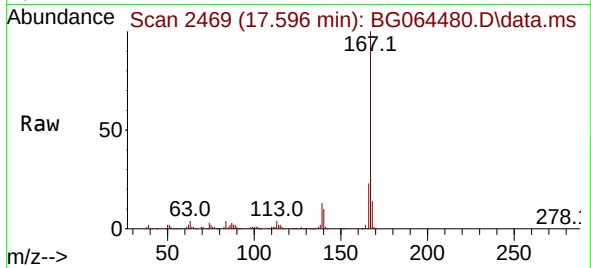


#73  
 Carbazole  
 Concen: 77.661 ng  
 RT: 17.596 min Scan# 2469  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:167 Resp: 594667  

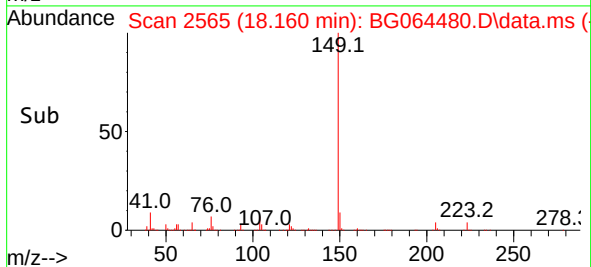
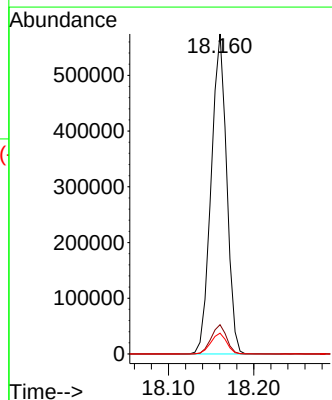
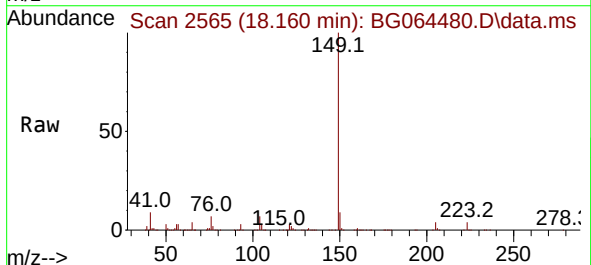
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.4  | 18.6  | 27.8  |
| 139 | 13.5  | 10.2  | 15.4  |



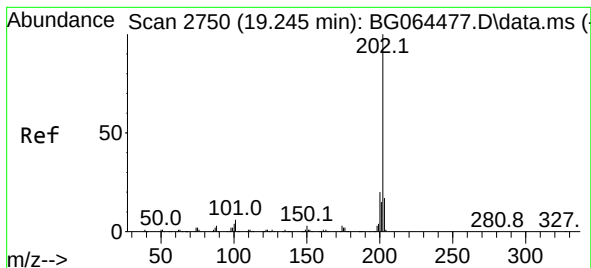
#74  
 Di-n-butylphthalate  
 Concen: 77.727 ng  
 RT: 18.160 min Scan# 2565  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 726555  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.2  |
| 104 | 6.5   | 5.3   | 7.9   |







#75

Fluoranthene

Concen: 77.060 ng

RT: 19.247 min Scan# 21

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

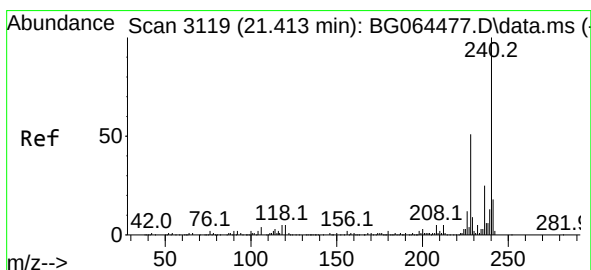
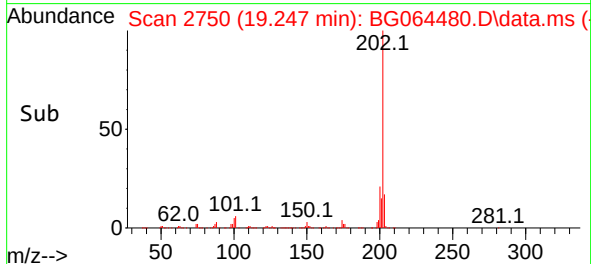
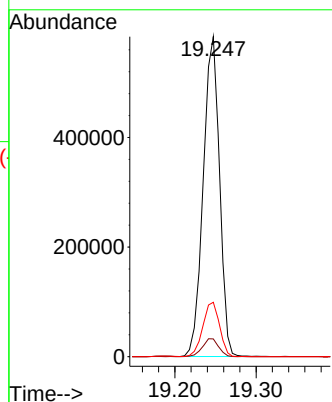
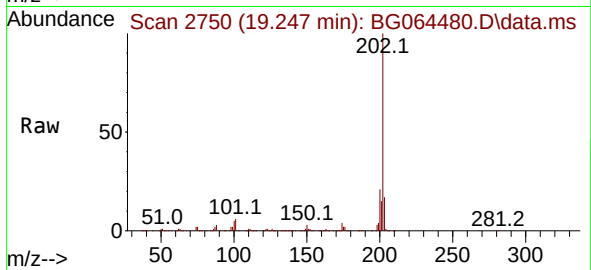
Tgt Ion:202 Resp: 812928

Ion Ratio Lower Upper

202 100

101 5.5 0.0 25.7

203 17.0 0.0 36.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3119

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

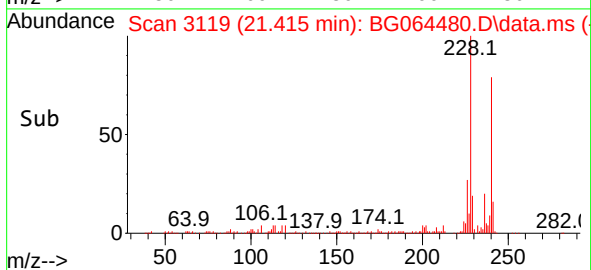
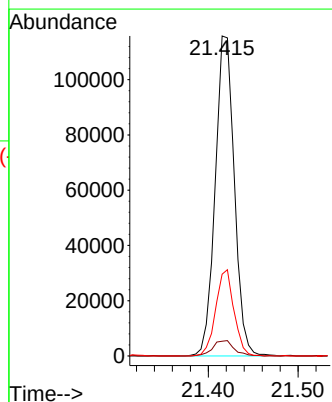
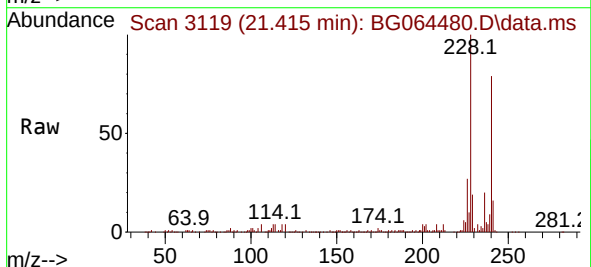
Tgt Ion:240 Resp: 171497

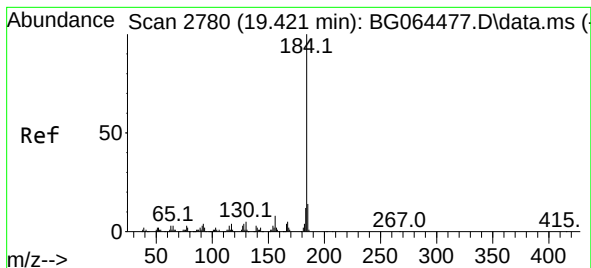
Ion Ratio Lower Upper

240 100

120 4.6 4.3 6.5

236 25.6 20.4 30.6





#77

Benzidine

Concen: 57.755 ng

RT: 19.424 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

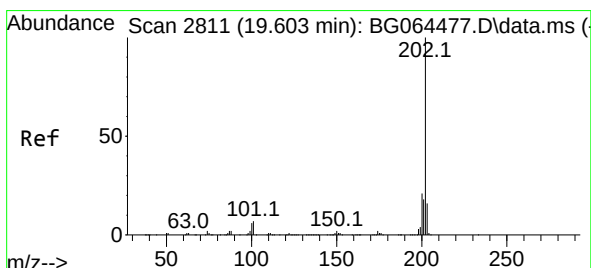
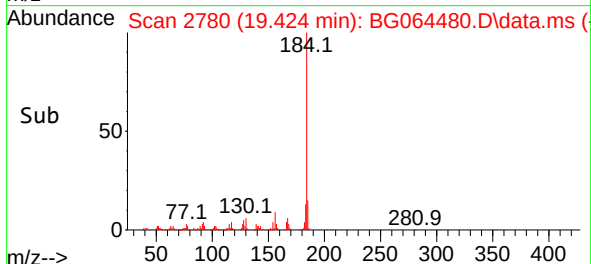
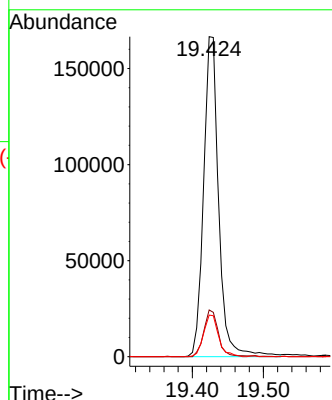
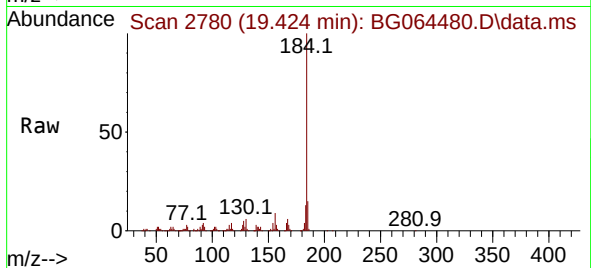
Tgt Ion:184 Resp: 246468

Ion Ratio Lower Upper

184 100

185 14.6 10.9 16.3

183 13.0 9.8 14.6



#78

Pyrene

Concen: 75.840 ng

RT: 19.606 min Scan# 2811

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

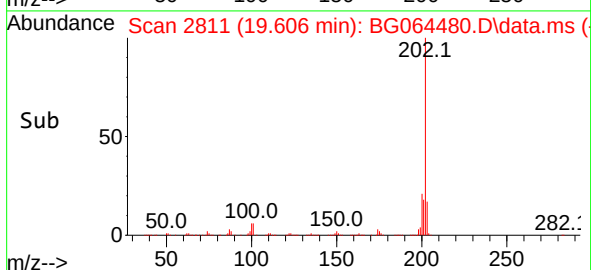
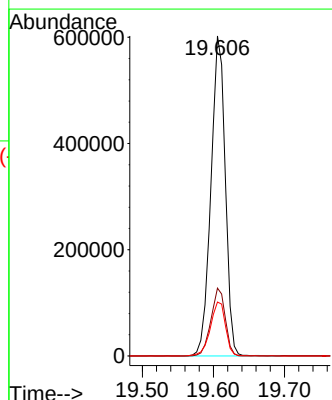
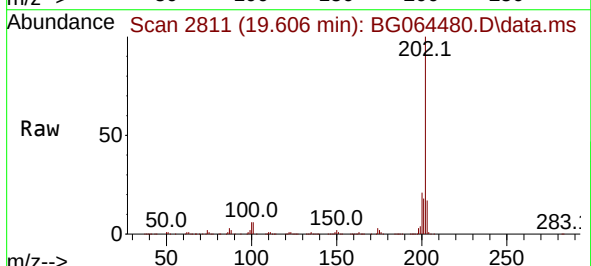
Tgt Ion:202 Resp: 844065

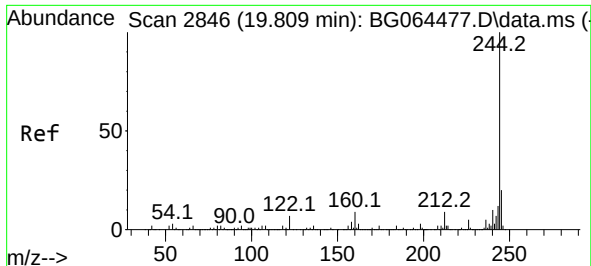
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 16.8 13.0 19.4

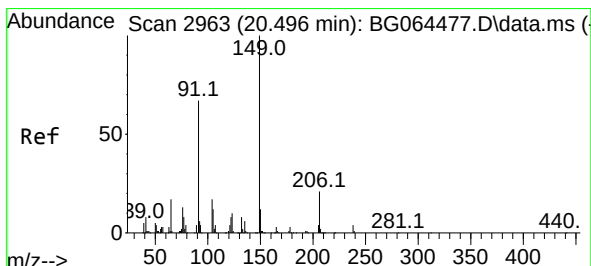
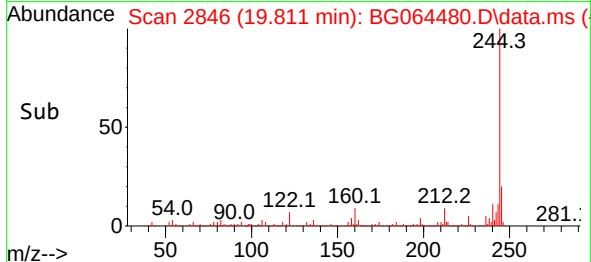
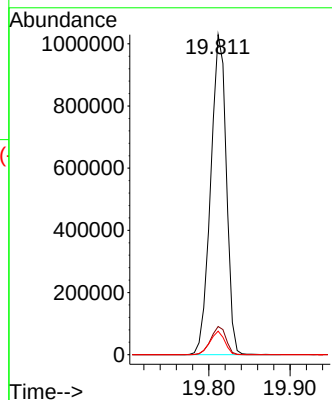
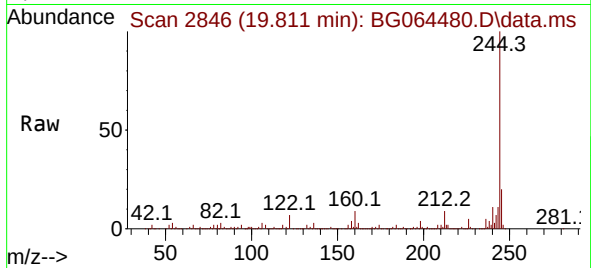




#79  
 Terphenyl-d14  
 Concen: 151.833 ng  
 RT: 19.811 min Scan# 2846  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

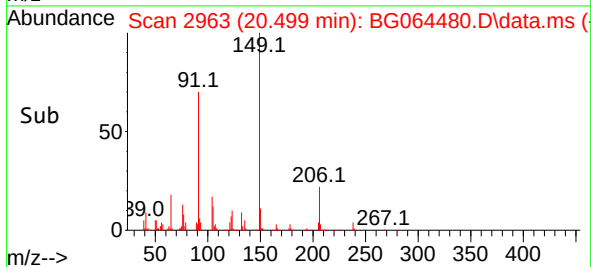
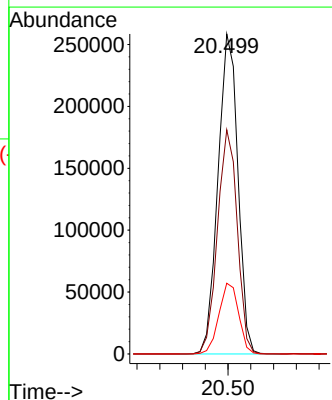
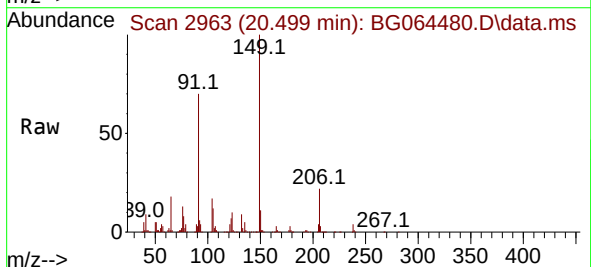
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

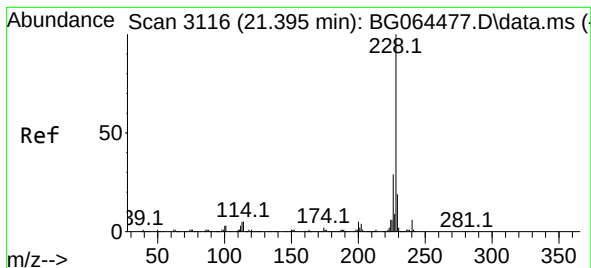
Tgt Ion:244 Resp: 1375899  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.0 10.6  
 122 7.4 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 79.710 ng  
 RT: 20.499 min Scan# 2963  
 Delta R.T. -0.001 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 314484  
 Ion Ratio Lower Upper  
 149 100  
 91 70.0 53.7 80.5  
 206 22.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 78.497 ng

RT: 21.398 min Scan# 3116

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

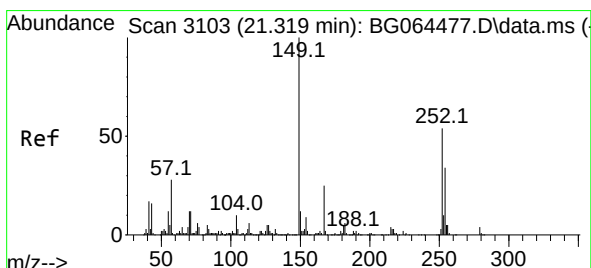
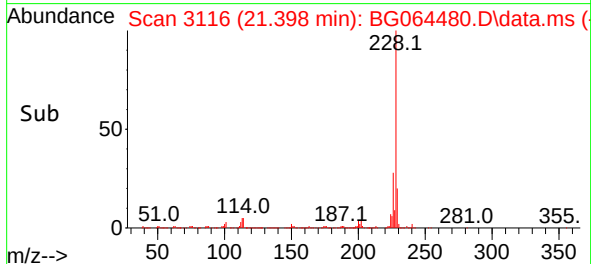
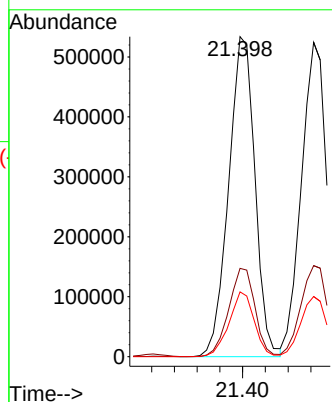
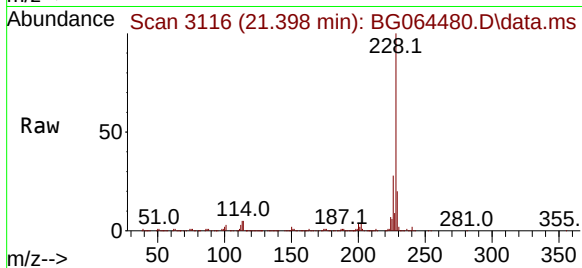
Tgt Ion:228 Resp: 859554

Ion Ratio Lower Upper

228 100

226 27.6 22.8 34.2

229 20.2 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 77.829 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

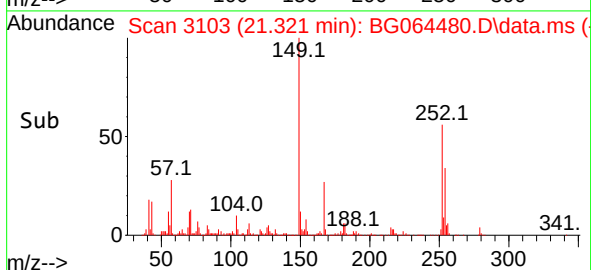
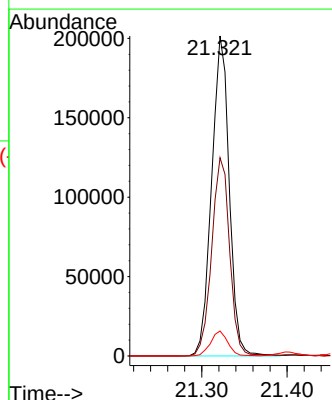
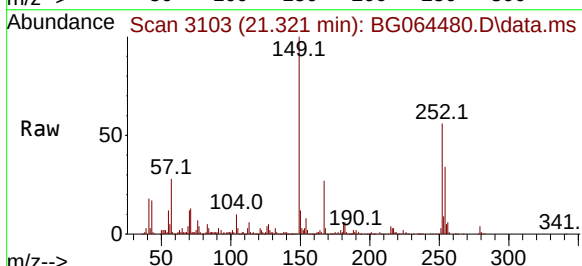
Tgt Ion:252 Resp: 288449

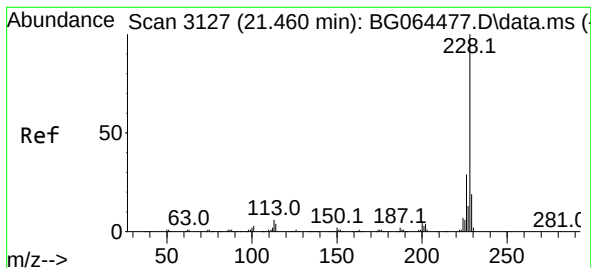
Ion Ratio Lower Upper

252 100

254 61.9 50.5 75.7

126 7.8 7.1 10.7





#83

Chrysene

Concen: 77.803 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

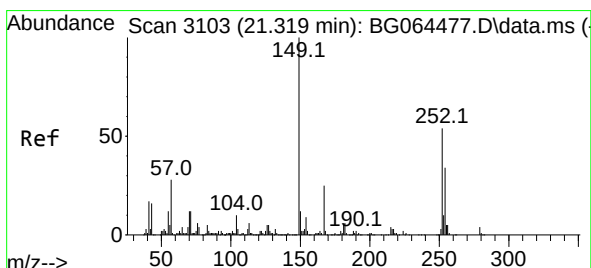
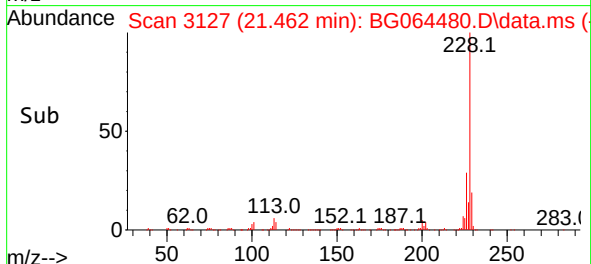
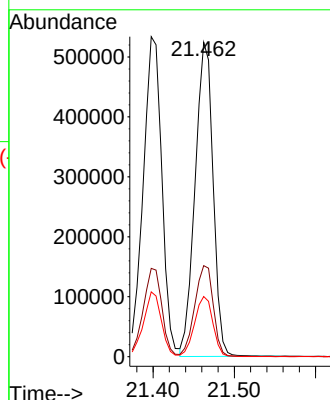
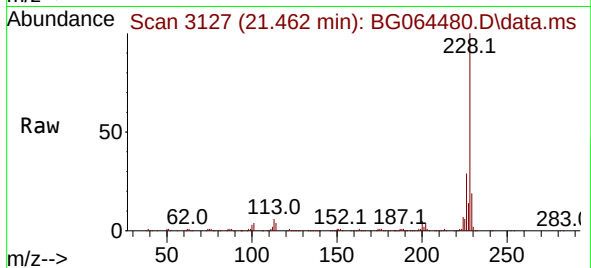
Tgt Ion:228 Resp: 807967

Ion Ratio Lower Upper

228 100

226 29.0 22.8 34.2

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.044 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

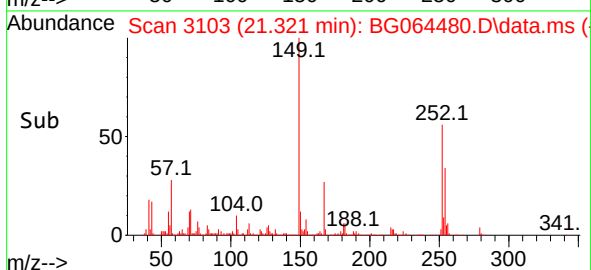
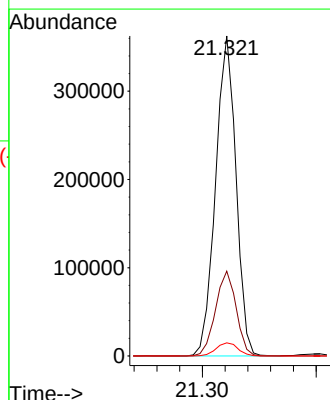
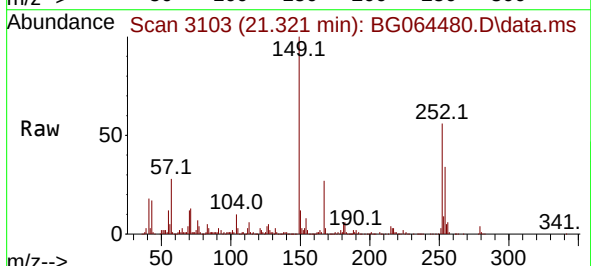
Tgt Ion:149 Resp: 451147

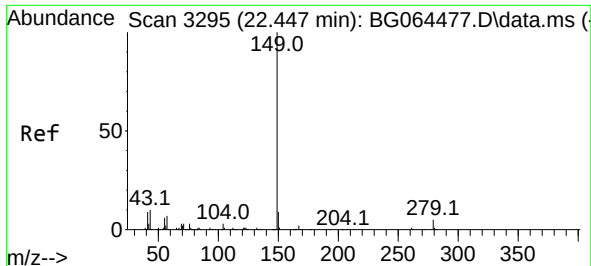
Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

279 4.1 3.4 5.2

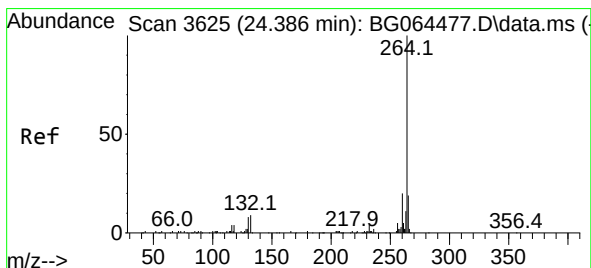
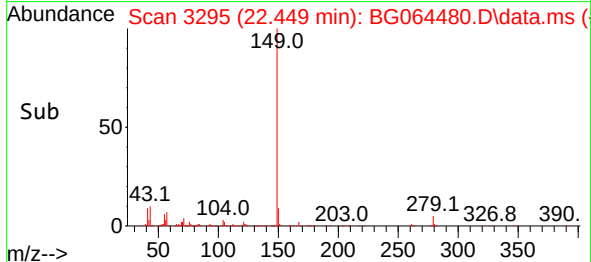
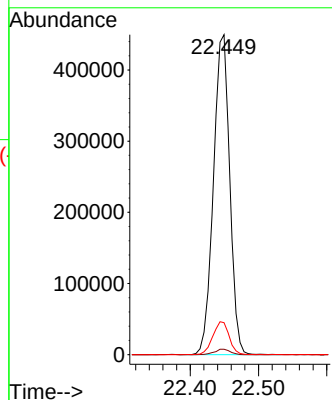
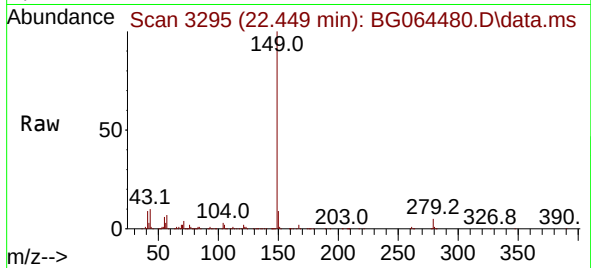




#85  
Di-n-octyl phthalate  
Concen: 79.877 ng  
RT: 22.449 min Scan# 31  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

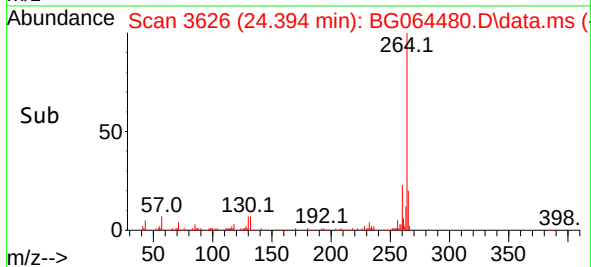
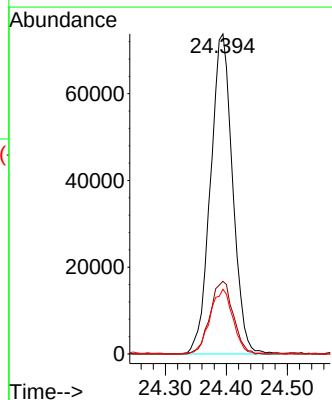
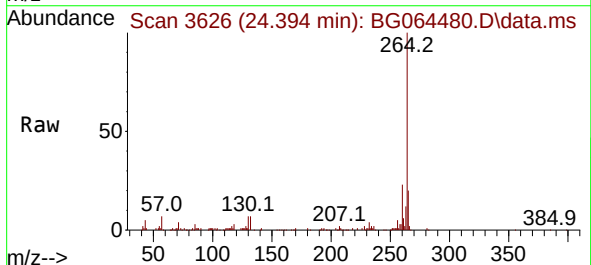
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

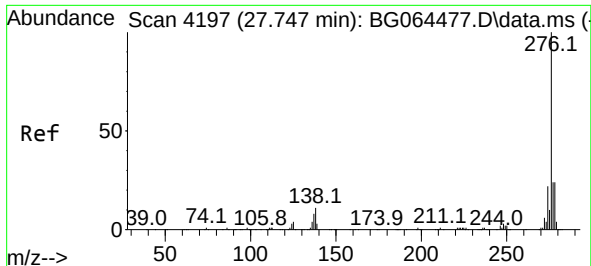
Tgt Ion:149 Resp: 747301  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.4 7.9 11.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.394 min Scan# 3626  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:264 Resp: 185893  
Ion Ratio Lower Upper  
264 100  
260 22.7 16.2 24.4  
265 20.2 15.0 22.4

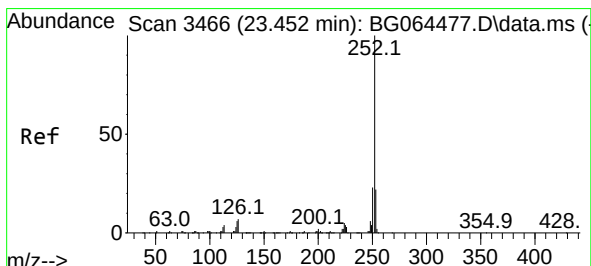
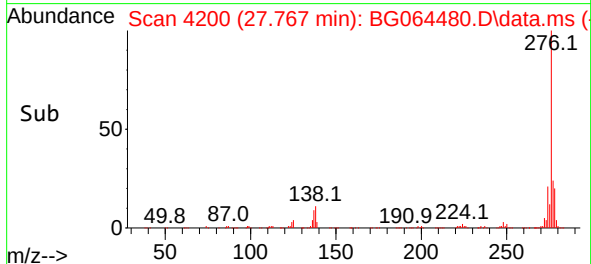
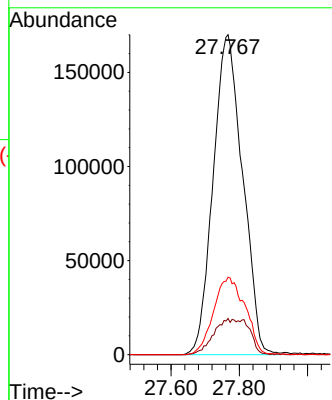
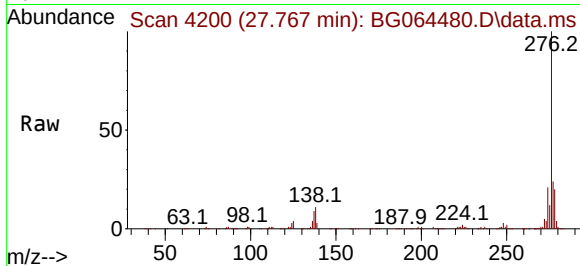




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 78.621 ng  
 RT: 27.767 min Scan# 4197  
 Delta R.T. 0.034 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

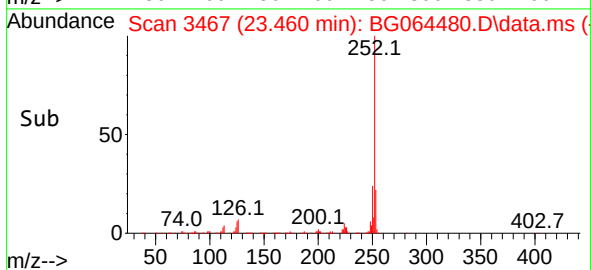
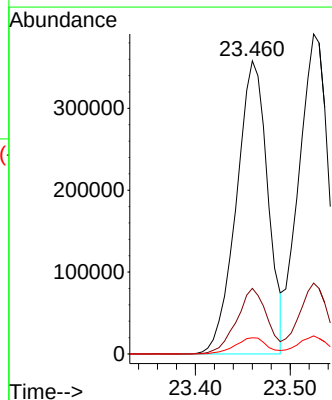
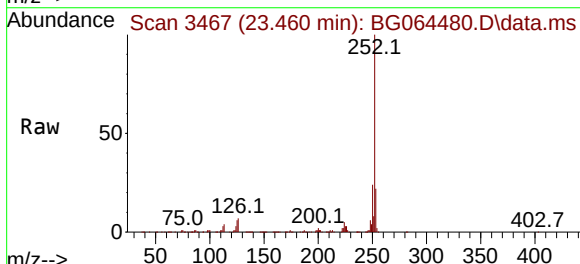
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 BNA\_G  
 ClientSampleId :  
 SSTDICC080

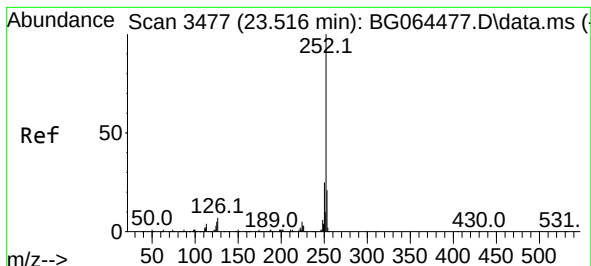
Tgt Ion:276 Resp: 1017303  
 Ion Ratio Lower Upper  
 276 100  
 138 6.5 10.8 16.2#  
 277 26.0 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 78.008 ng  
 RT: 23.460 min Scan# 3467  
 Delta R.T. 0.011 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 824972  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.5 26.3  
 125 5.5 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 79.738 ng

RT: 23.525 min Scan# 34

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

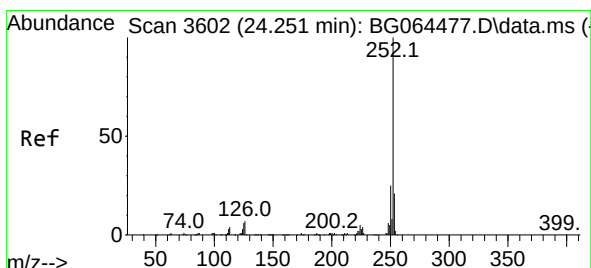
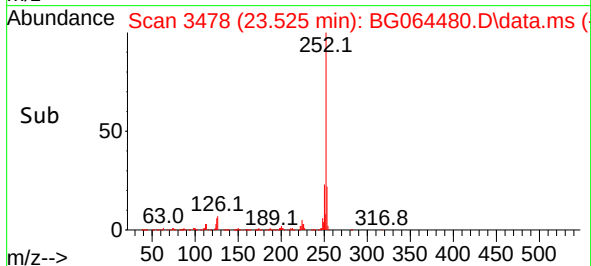
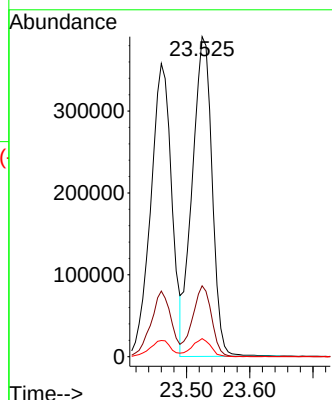
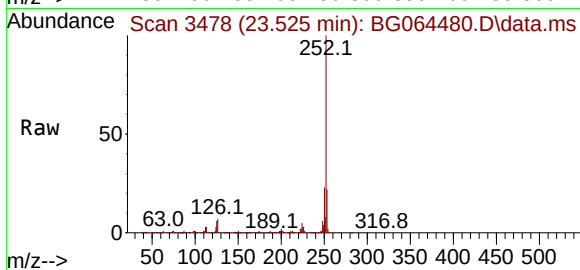
Tgt Ion:252 Resp: 849303

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 5.7 4.0 6.0



#90

Benzo(a)pyrene

Concen: 79.130 ng

RT: 24.265 min Scan# 3604

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

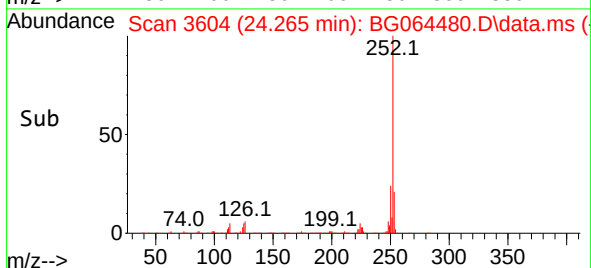
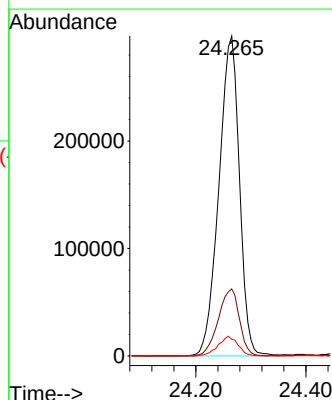
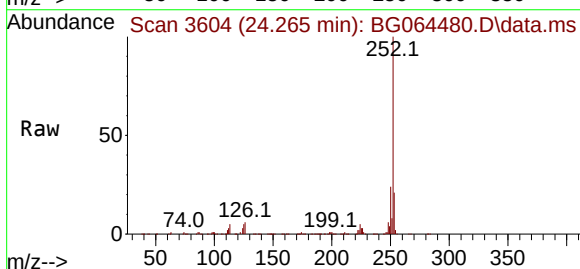
Tgt Ion:252 Resp: 771257

Ion Ratio Lower Upper

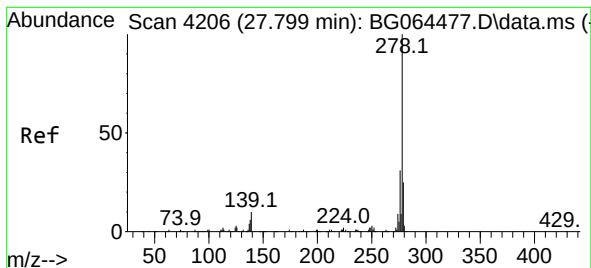
252 100

253 21.0 17.1 25.7

125 5.2 4.6 6.8







#91

Dibenzo(a,h)anthracene

Concen: 80.178 ng

RT: 27.820 min Scan# 41

Delta R.T. 0.040 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

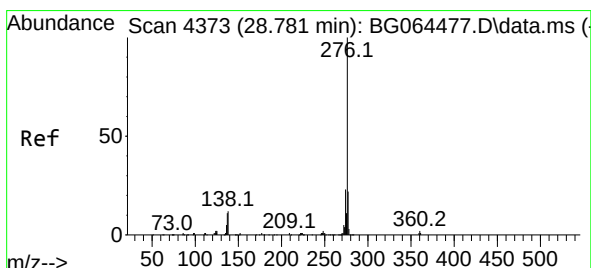
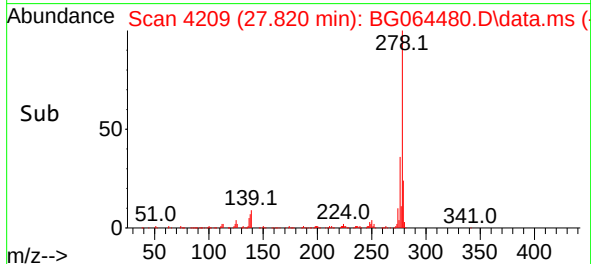
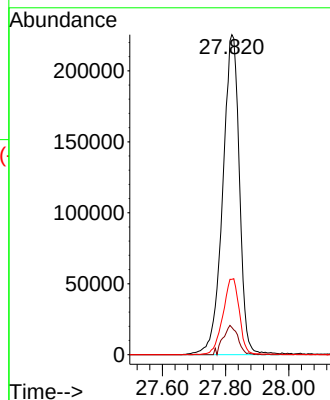
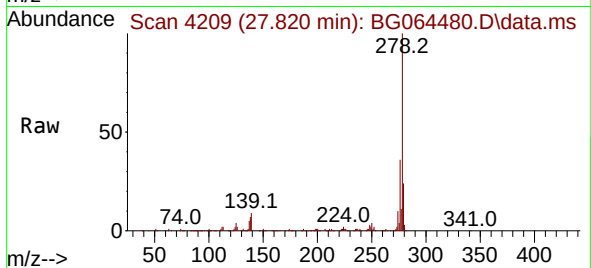
Tgt Ion:278 Resp: 829660

Ion Ratio Lower Upper

278 100

139 8.5 8.2 12.2

279 23.6 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 77.460 ng

RT: 28.818 min Scan# 4379

Delta R.T. 0.052 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:276 Resp: 778918

Ion Ratio Lower Upper

276 100

277 22.8 17.8 26.6

138 11.6 9.4 14.0

