

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010325\  
 Data File : BG063927.D  
 Acq On : 3 Jan 2025 15:33  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Quant Time: Jan 03 22:28:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 22:20:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.796  | 152  | 119764   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.587 | 136  | 452554   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.441 | 164  | 315683   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.197 | 188  | 735471   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 705111   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 778100   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 1130809  | 149.385 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.991  | 99   | 1670242  | 154.975 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.960  | 82   | 1823683  | 158.426 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.946 | 330  | 568441   | 150.358 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.061 | 172  | 3119728  | 142.810 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.829 | 244  | 4693037  | 132.731 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.296  | 88   | 291671   | 74.026  | ng    | 98       |
| 3) Pyridine                   | 3.689  | 79   | 729432   | 69.937  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.607  | 42   | 309706   | 76.389  | ng    | # 92     |
| 6) Aniline                    | 7.126  | 93   | 694611   | 73.605  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.367  | 128  | 550612   | 75.399  | ng    | 95       |
| 9) Benzaldehyde               | 6.938  | 77   | 392719   | 56.578  | ng    | 99       |
| 10) Phenol                    | 7.015  | 94   | 871778   | 77.193  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.226  | 93   | 681830   | 76.616  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.685  | 146  | 658618   | 74.145  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.832  | 146  | 653678   | 73.148  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.149  | 146  | 635730   | 73.648  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.043  | 79   | 635673   | 81.690  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.325  | 45   | 971777   | 75.735  | ng    | 99       |
| 17) 2-Methylphenol            | 8.255  | 107  | 571686   | 78.418  | ng    | 99       |
| 18) Hexachloroethane          | 8.866  | 117  | 259849   | 77.155  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.607  | 70   | 615815   | 77.617  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.584  | 107  | 775456   | 78.518  | ng    | 95       |
| 22) Acetophenone              | 8.619  | 105  | 1045782  | 77.424  | ng    | # 98     |
| 24) Nitrobenzene              | 9.001  | 77   | 979765   | 79.449  | ng    | 99       |
| 25) Isophorone                | 9.518  | 82   | 1590335  | 78.873  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.706  | 139  | 327894   | 84.564  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.776  | 122  | 400521   | 80.759  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.000 | 93   | 944318   | 78.111  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.246 | 162  | 597926   | 81.040  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.452 | 180  | 698857   | 77.737  | ng    | 99       |
| 31) Naphthalene               | 10.634 | 128  | 1880840  | 76.567  | ng    | 99       |
| 32) Benzoic acid              | 9.988  | 122  | 317573   | 89.635  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.752 | 127  | 643399   | 80.701  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.916 | 225  | 471026   | 76.584  | ng    | 98       |
| 35) Caprolactam               | 11.551 | 113  | 199703   | 81.792  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.897 | 107  | 668382   | 81.234  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.250 | 142  | 1312226  | 76.668  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.473 | 142  | 1296897  | 75.971  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.626 | 216  | 823984   | 78.384  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.602 | 237  | 144287   | 111.491 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.873 | 196  | 521769   | 83.555  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 22:20:07 2025  
 Response via : Initial Calibration

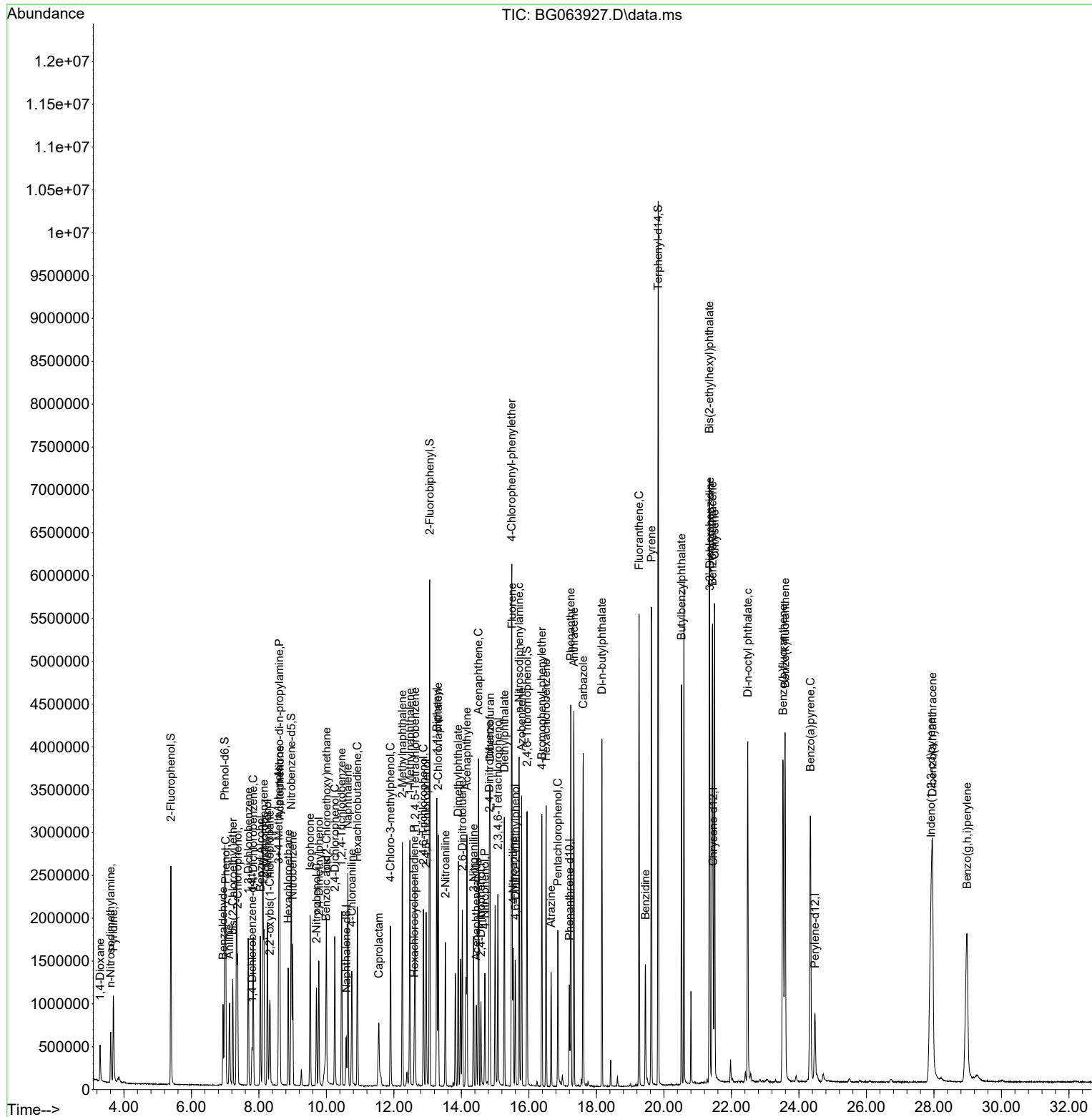
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.955 | 196  | 576878   | 82.588  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.272 | 154  | 1737668  | 75.543  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.313 | 162  | 1445457  | 76.507  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.525 | 65   | 539271   | 86.117  | ng    | 96       |
| 49) Acenaphthylene            | 14.159 | 152  | 2126069  | 76.155  | ng    | 98       |
| 50) Dimethylphthalate         | 13.907 | 163  | 1765911  | 77.297  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.030 | 165  | 416301   | 82.562  | ng    | 99       |
| 52) Acenaphthene              | 14.506 | 154  | 1292728  | 75.243  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.359 | 138  | 384734   | 82.212  | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.577 | 184  | 222178   | 96.567  | ng    | # 87     |
| 55) Dibenzofuran              | 14.847 | 168  | 2188879  | 73.573  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.694 | 139  | 294537   | 87.033  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.823 | 165  | 571425   | 80.131  | ng    | # 97     |
| 58) Fluorene                  | 15.499 | 166  | 1643256  | 71.778  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.082 | 232  | 491356   | 81.202  | ng    | 98       |
| 60) Diethylphthalate          | 15.270 | 149  | 1705647  | 75.493  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.487 | 204  | 923485   | 73.900  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 403887   | 82.959  | ng    | 98       |
| 63) Azobenzene                | 15.781 | 77   | 2182367  | 75.952  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 348762   | 89.248  | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.711 | 169  | 1487534  | 77.486  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.380 | 248  | 629974   | 77.619  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.510 | 284  | 698199   | 75.679  | ng    | 99       |
| 69) Atrazine                  | 16.656 | 200  | 243984   | 39.521  | ng    | 94       |
| 70) Pentachlorophenol         | 16.856 | 266  | 362935   | 89.897  | ng    | 95       |
| 71) Phenanthrene              | 17.238 | 178  | 2796521  | 73.178  | ng    | 97       |
| 72) Anthracene                | 17.332 | 178  | 2735443  | 73.352  | ng    | 98       |
| 73) Carbazole                 | 17.608 | 167  | 2560009  | 74.497  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.161 | 149  | 2827740  | 73.989  | ng    | 98       |
| 75) Fluoranthene              | 19.265 | 202  | 3434404  | 71.057  | ng    | 97       |
| 77) Benzidine                 | 19.453 | 184  | 1007537  | 110.799 | ng    | 98       |
| 78) Pyrene                    | 19.629 | 202  | 3540874  | 73.513  | ng    | 95       |
| 80) Butylbenzylphthalate      | 20.523 | 149  | 1262473  | 85.771  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 3560541  | 75.698  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.357 | 252  | 1197556  | 82.920  | ng    | 97       |
| 83) Chrysene                  | 21.498 | 228  | 3430670  | 74.796  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 1822567  | 80.722  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.485 | 149  | 3258173  | 82.503  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.914 | 276  | 4381377  | 81.441  | ng    | # 78     |
| 88) Benzo(b)fluoranthene      | 23.525 | 252  | 3770841  | 77.390  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.590 | 252  | 3808718  | 77.910  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.342 | 252  | 3451537  | 80.072  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.955 | 278  | 3566324  | 80.397  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.977 | 276  | 3700278  | 81.288  | ng    | 99       |

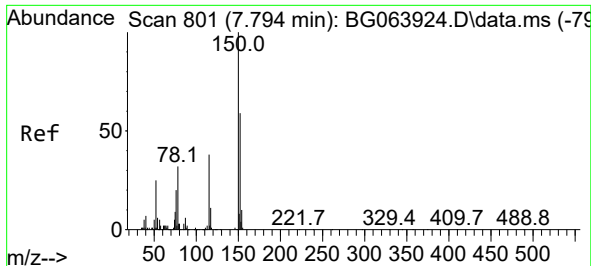
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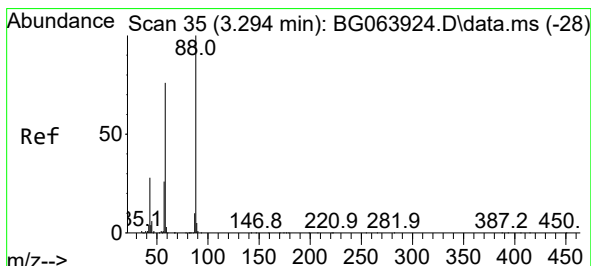
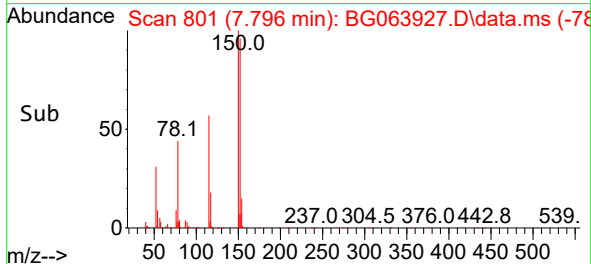
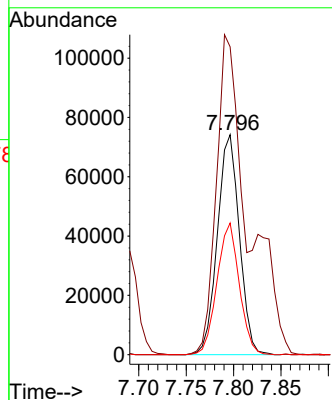
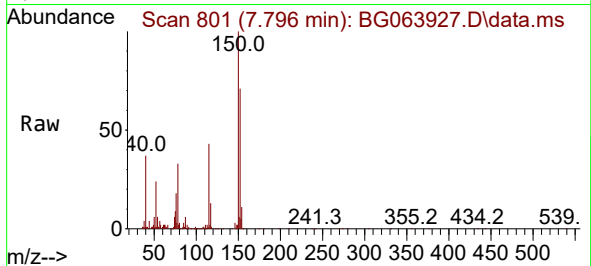




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.796 min Scan# 80  
 Delta R.T. 0.002 min  
 Lab File: BG063927.D  
 Acq: 3 Jan 2025 15:33

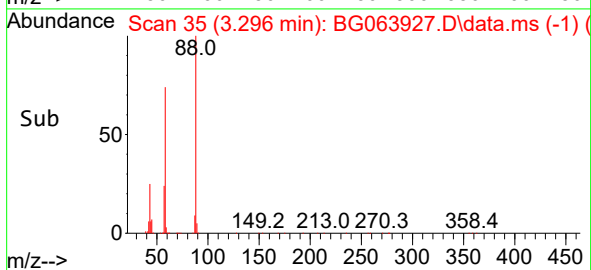
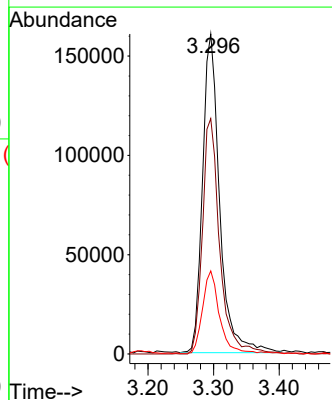
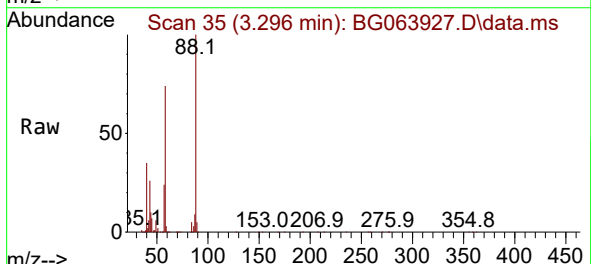
Instrument :  
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 ClientSampleId :  
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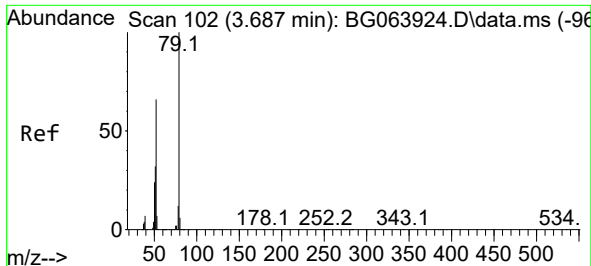
Tgt Ion:152 Resp: 119764  
 Ion Ratio Lower Upper  
 152 100  
 150 139.9 135.5 203.3  
 115 59.9 51.8 77.8



#2  
 1,4-Dioxane  
 Concen: 74.026 ng  
 RT: 3.296 min Scan# 35  
 Delta R.T. 0.002 min  
 Lab File: BG063927.D  
 Acq: 3 Jan 2025 15:33

Tgt Ion: 88 Resp: 291671  
 Ion Ratio Lower Upper  
 88 100  
 58 74.6 58.4 87.6  
 43 26.1 22.1 33.1

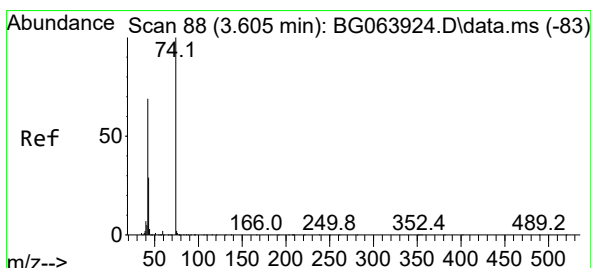
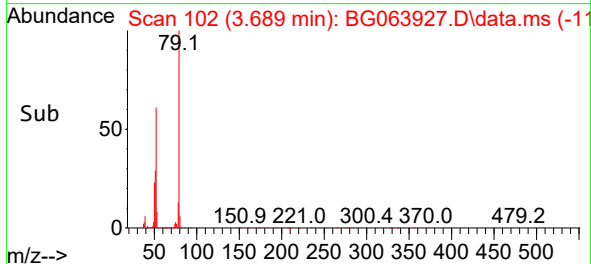
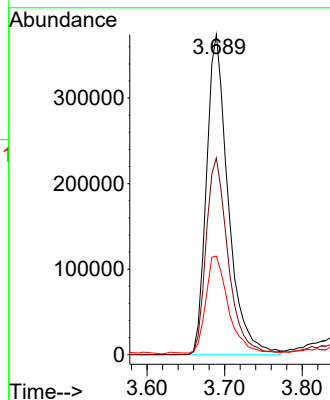
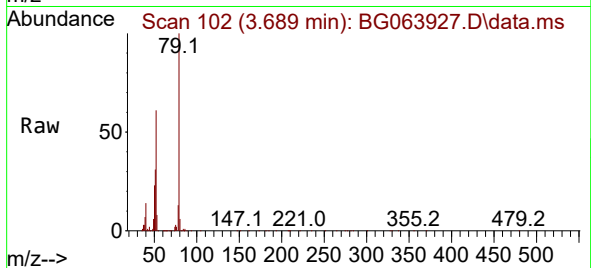




#3  
Pyridine  
Concen: 69.937 ng  
RT: 3.689 min Scan# 102  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

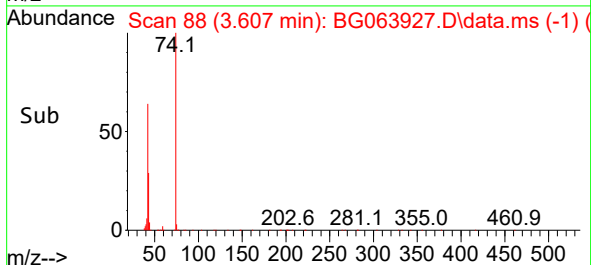
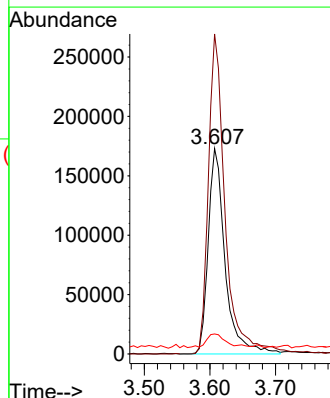
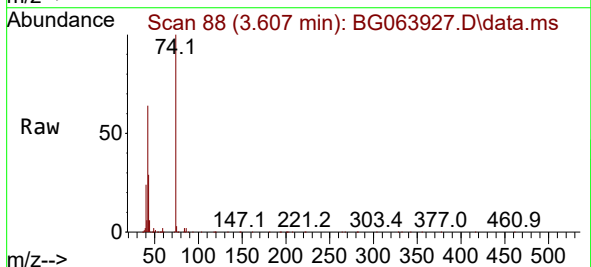
Instrument :  
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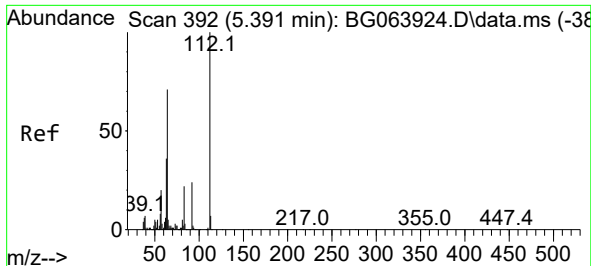
Tgt Ion: 79 Resp: 729432  
Ion Ratio Lower Upper  
79 100  
52 61.5 53.1 79.7  
51 30.8 26.2 39.4



#4  
n-Nitrosodimethylamine  
Concen: 76.389 ng  
RT: 3.607 min Scan# 88  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 42 Resp: 309706  
Ion Ratio Lower Upper  
42 100  
74 155.8 116.6 175.0  
44 9.7 10.4 15.6

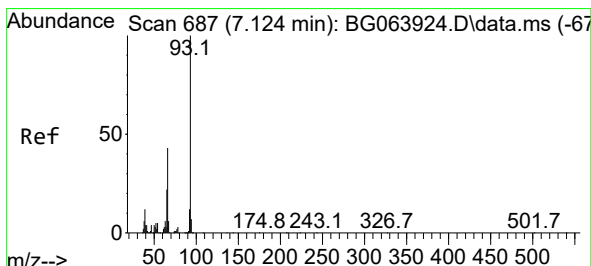
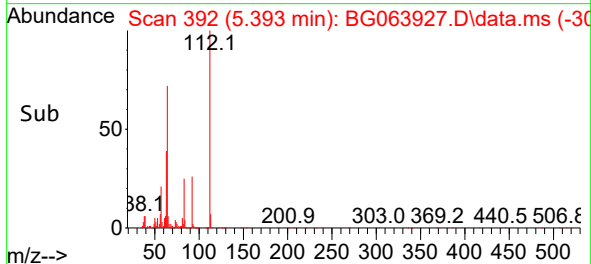
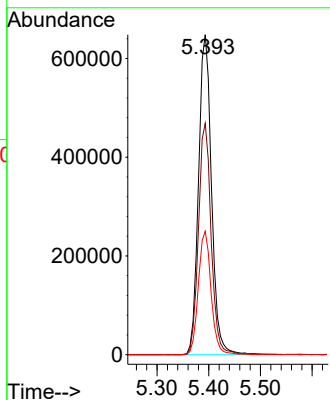
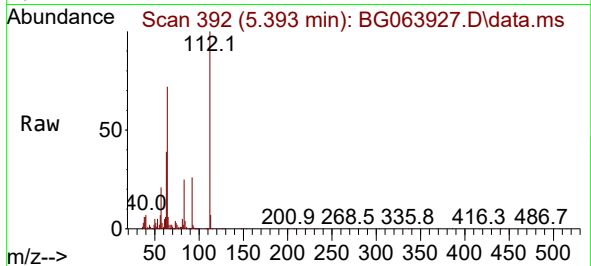




#5  
2-Fluorophenol  
Concen: 149.385 ng  
RT: 5.393 min Scan# 392  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

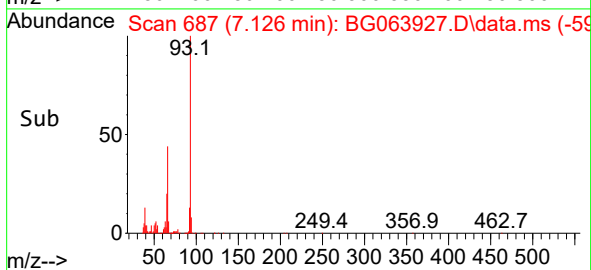
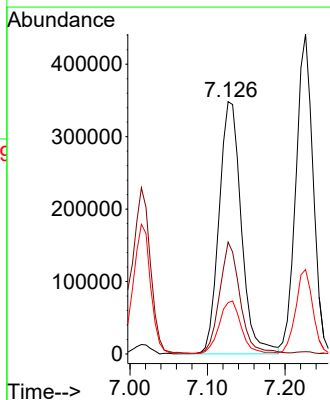
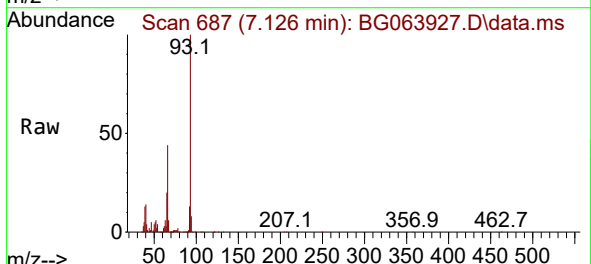
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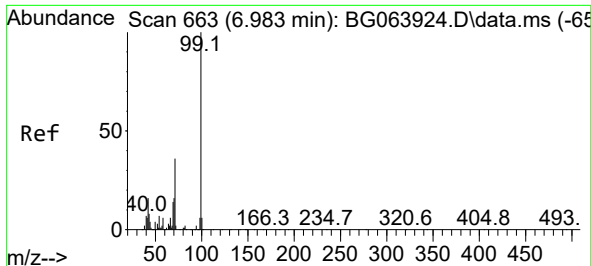
Tgt Ion:112 Resp: 1130809  
Ion Ratio Lower Upper  
112 100  
64 72.3 56.6 85.0  
63 38.6 29.2 43.8



#6  
Aniline  
Concen: 73.605 ng  
RT: 7.126 min Scan# 687  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 93 Resp: 694611  
Ion Ratio Lower Upper  
93 100  
66 44.3 35.0 52.4  
65 20.4 17.8 26.8



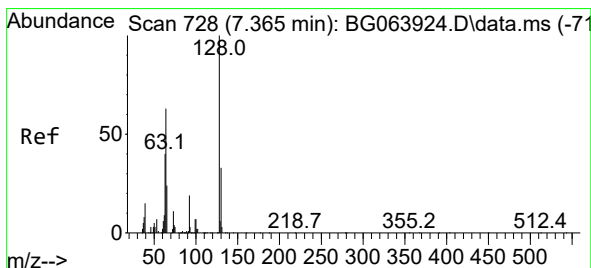
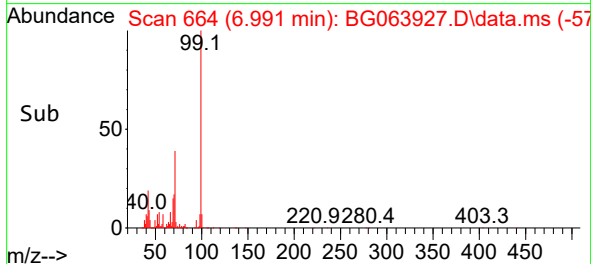
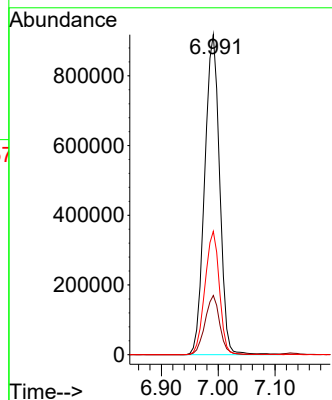
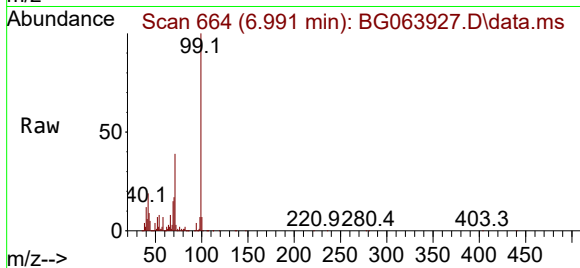


#7  
Phenol-d6  
Concen: 154.975 ng  
RT: 6.991 min Scan# 60  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1670242

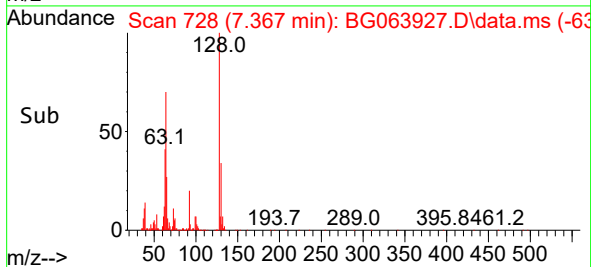
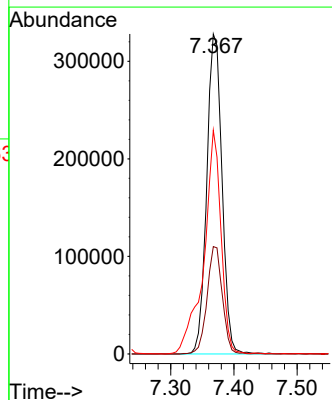
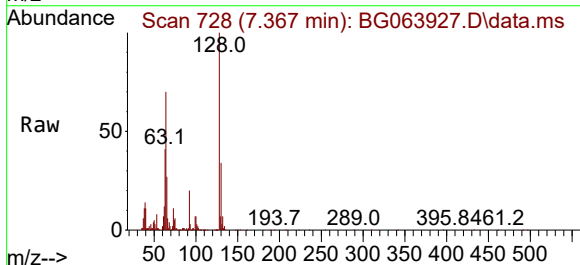
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 13.0  | 19.6  |
| 71  | 38.6  | 28.5  | 42.7  |

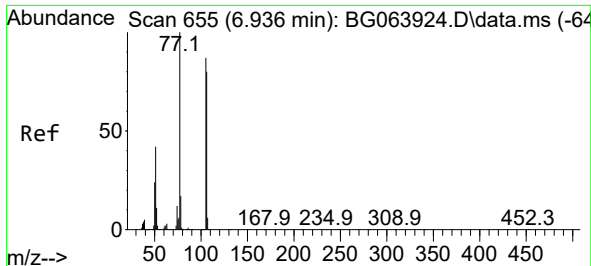


#8  
2-Chlorophenol  
Concen: 75.399 ng  
RT: 7.367 min Scan# 728  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 128 Resp: 550612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.6  | 13.4  | 53.4  |
| 64  | 69.9  | 44.6  | 84.6  |

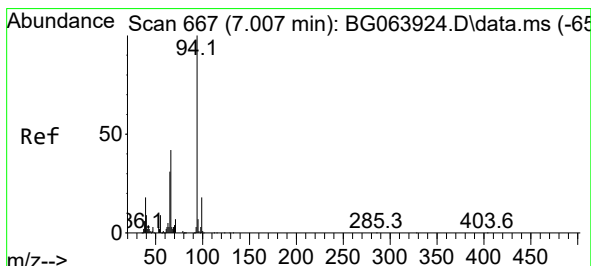
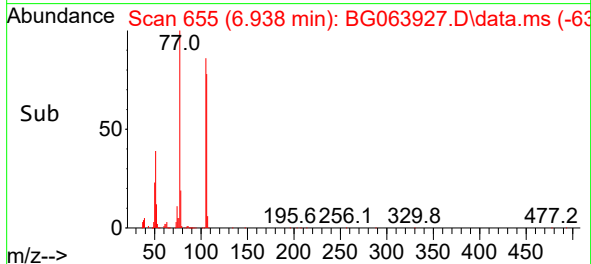
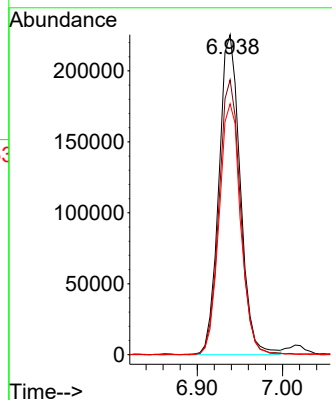
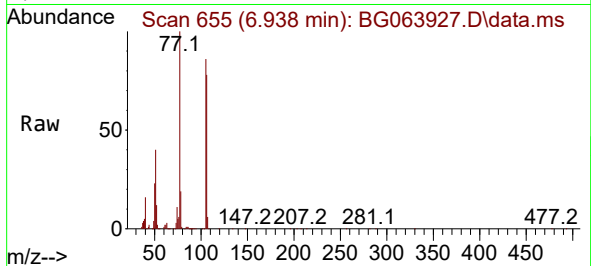




#9  
Benzaldehyde  
Concen: 56.578 ng  
RT: 6.938 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

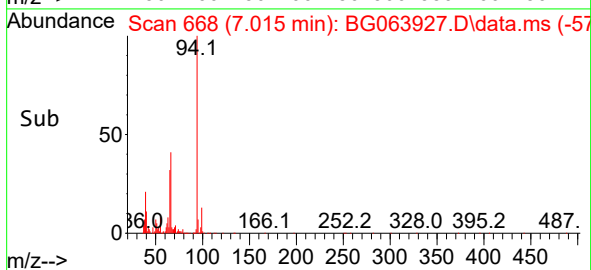
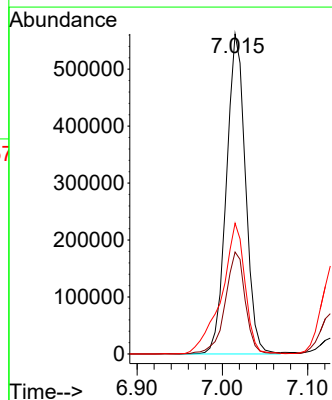
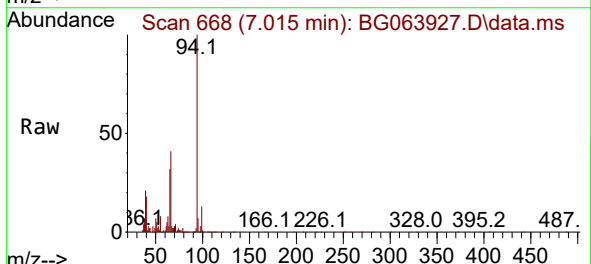
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

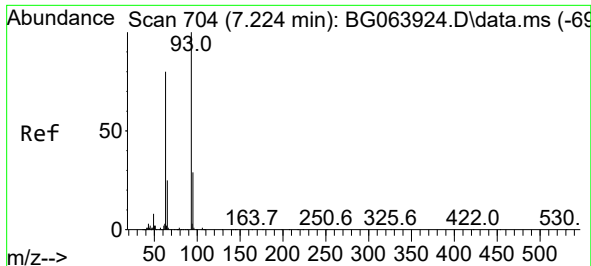
Tgt Ion: 77 Resp: 392719  
Ion Ratio Lower Upper  
77 100  
105 85.9 66.5 106.5  
106 78.4 60.1 100.1



#10  
Phenol  
Concen: 77.193 ng  
RT: 7.015 min Scan# 668  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 94 Resp: 871778  
Ion Ratio Lower Upper  
94 100  
65 31.9 11.5 51.5  
66 40.9 21.9 61.9

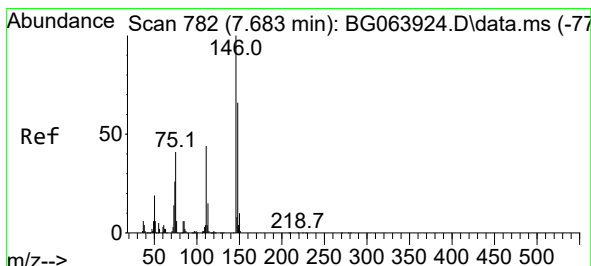
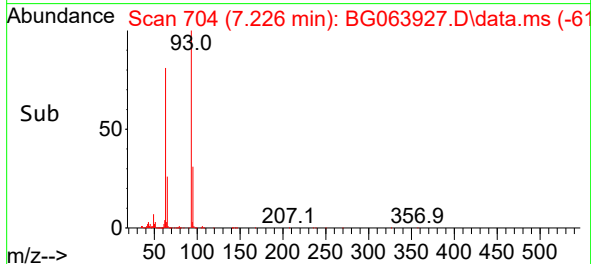
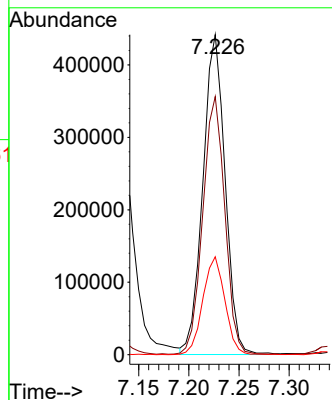
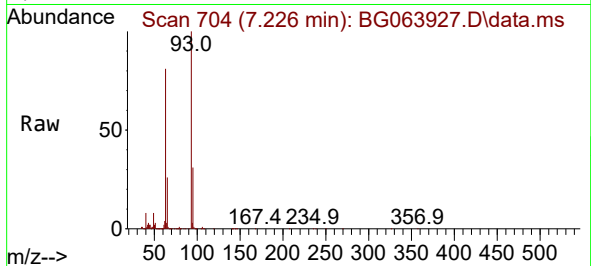




#11  
bis(2-Chloroethyl)ether  
Concen: 76.616 ng  
RT: 7.226 min Scan# 704  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

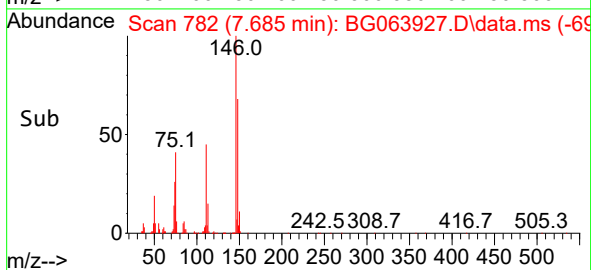
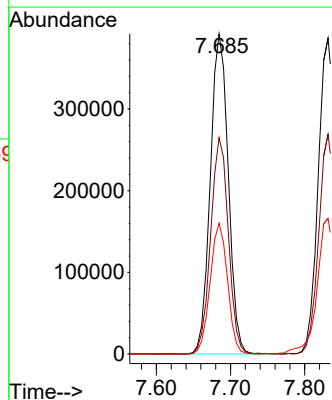
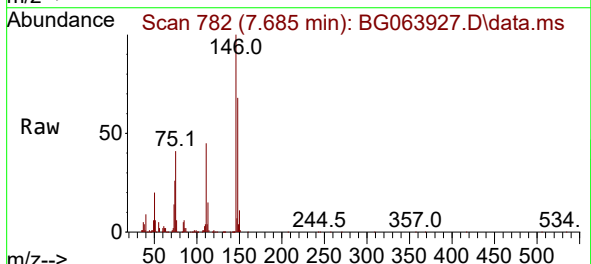
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

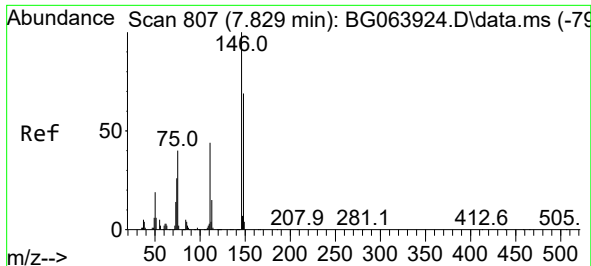
Tgt Ion: 93 Resp: 681830  
Ion Ratio Lower Upper  
93 100  
63 80.6 59.6 99.6  
95 30.6 9.3 49.3



#12  
1,3-Dichlorobenzene  
Concen: 74.145 ng  
RT: 7.685 min Scan# 782  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:146 Resp: 658618  
Ion Ratio Lower Upper  
146 100  
148 67.6 52.6 78.8  
75 40.9 32.6 48.8

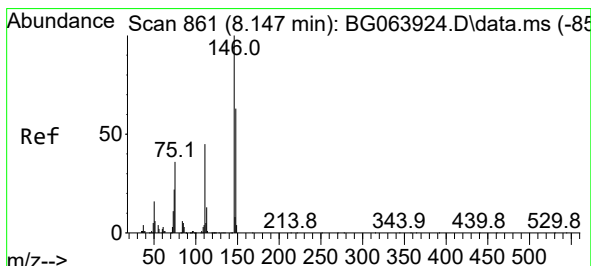
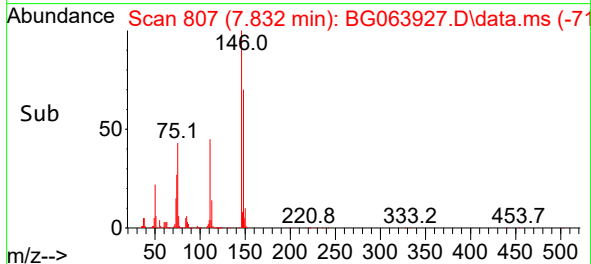
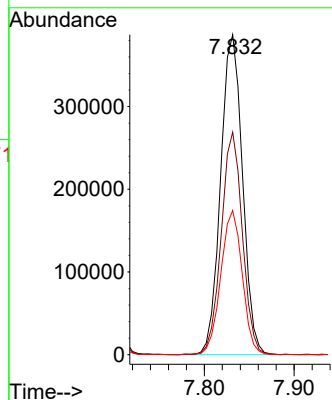
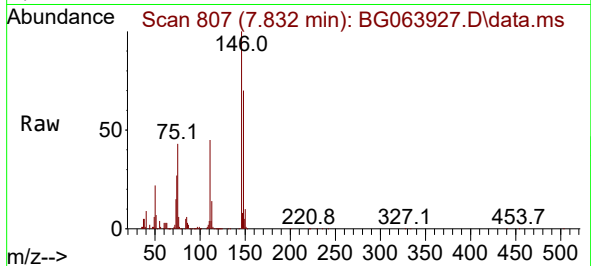




#13  
1,4-Dichlorobenzene  
Concen: 73.148 ng  
RT: 7.832 min Scan# 807  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

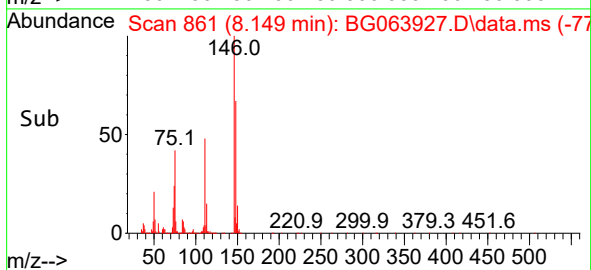
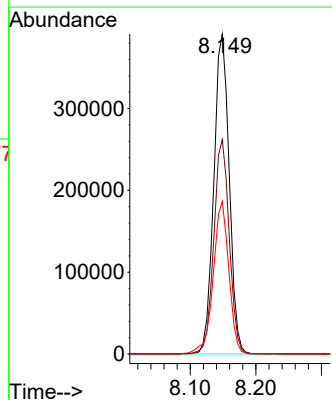
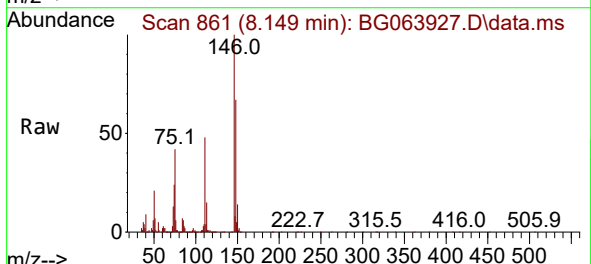
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

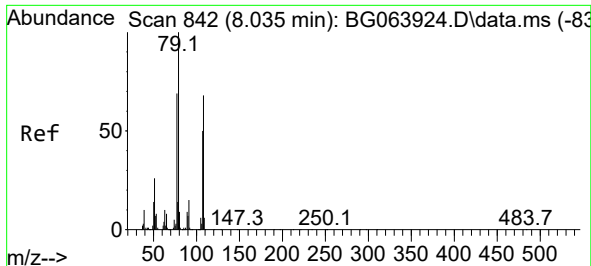
Tgt Ion:146 Resp: 653678  
Ion Ratio Lower Upper  
146 100  
148 69.6 55.4 83.0  
111 45.0 35.8 53.8



#14  
1,2-Dichlorobenzene  
Concen: 73.648 ng  
RT: 8.149 min Scan# 861  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:146 Resp: 635730  
Ion Ratio Lower Upper  
146 100  
148 67.0 50.7 76.1  
111 47.7 36.1 54.1

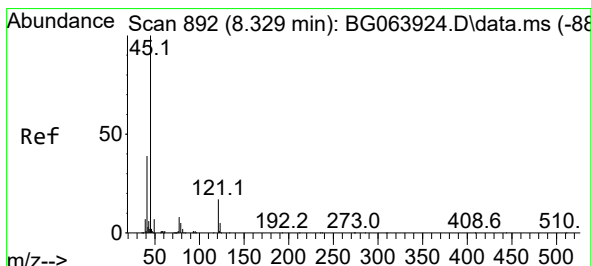
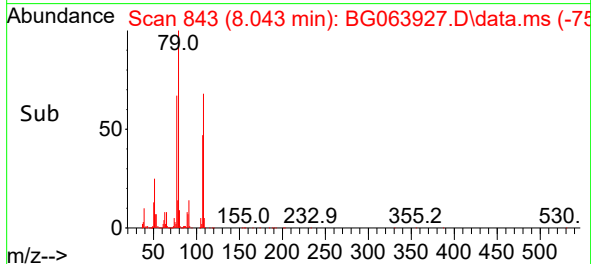
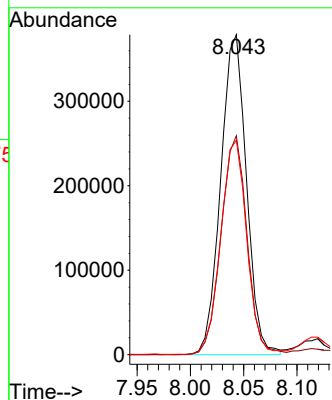
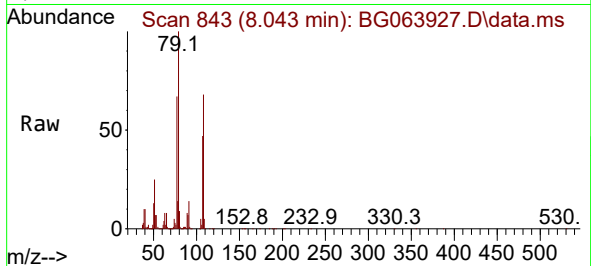




#15  
Benzyl Alcohol  
Concen: 81.690 ng  
RT: 8.043 min Scan# 84  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

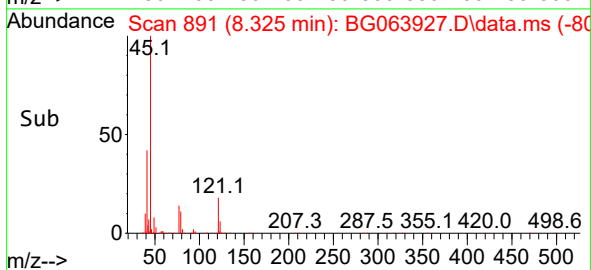
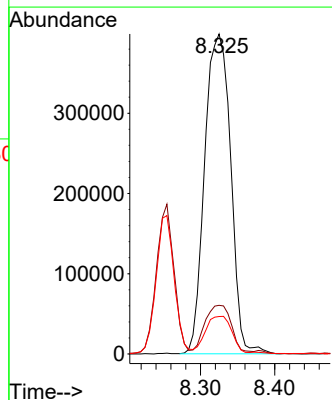
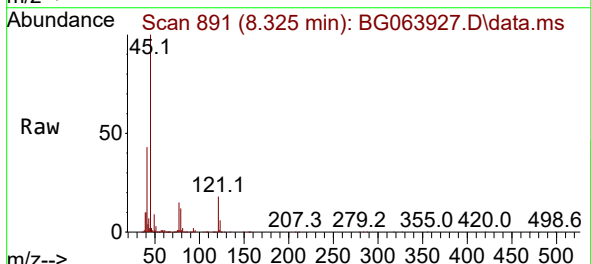
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

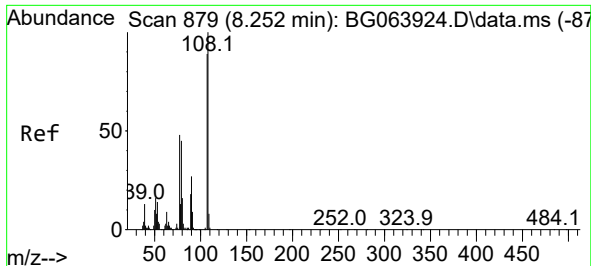
Tgt Ion: 79 Resp: 635673  
Ion Ratio Lower Upper  
79 100  
108 68.4 54.6 81.8  
77 67.0 55.6 83.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 75.735 ng  
RT: 8.325 min Scan# 891  
Delta R.T. -0.004 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 45 Resp: 971777  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 34.7  
79 11.7 0.0 32.1





#17

2-Methylphenol

Concen: 78.418 ng

RT: 8.255 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 571686

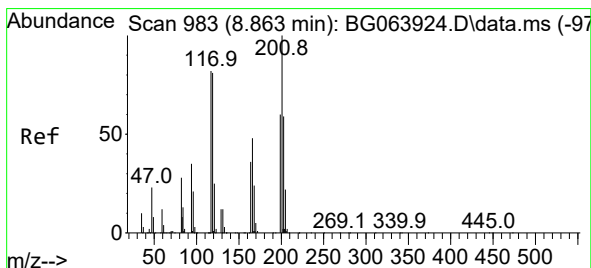
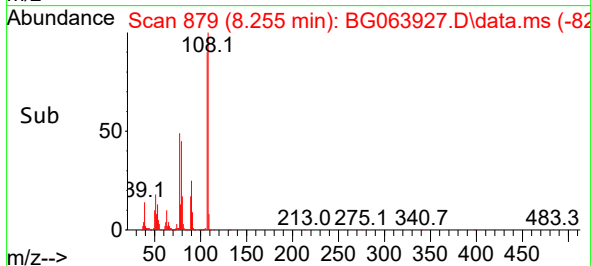
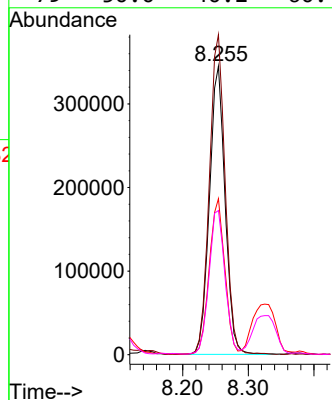
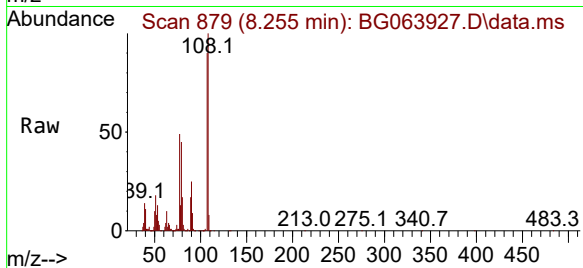
Ion Ratio Lower Upper

107 100

108 110.9 89.5 134.3

77 54.1 43.4 65.2

79 50.0 40.2 60.4



#18

Hexachloroethane

Concen: 77.155 ng

RT: 8.866 min Scan# 983

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

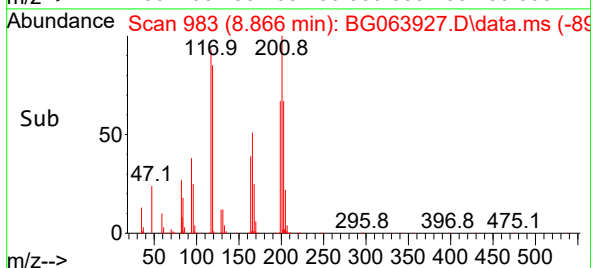
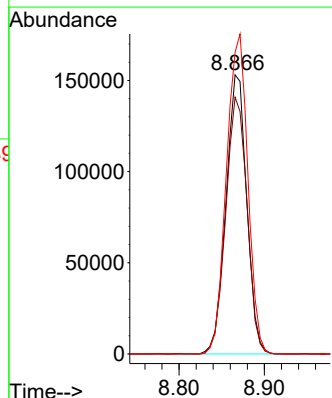
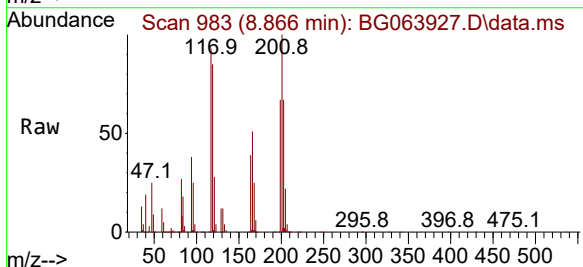
Tgt Ion:117 Resp: 259849

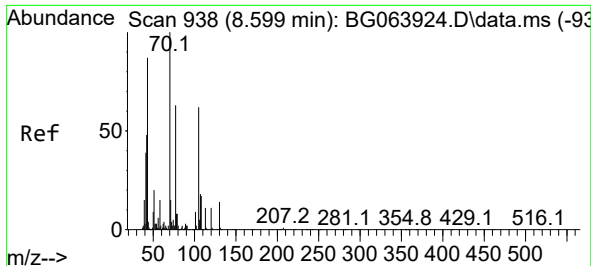
Ion Ratio Lower Upper

117 100

119 92.0 79.7 119.5

201 108.0 97.8 146.8



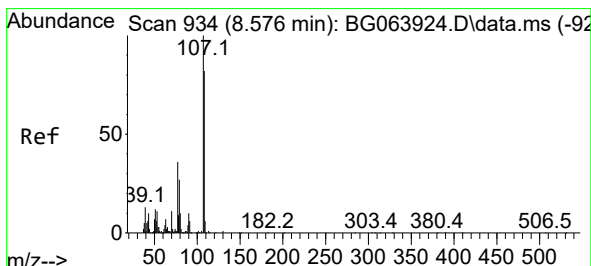
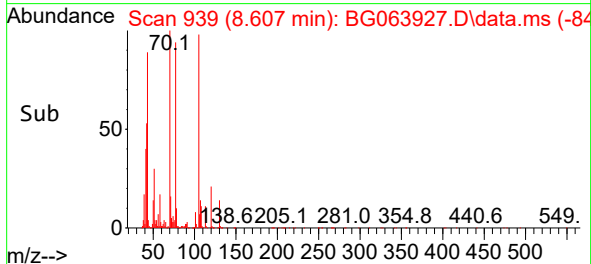
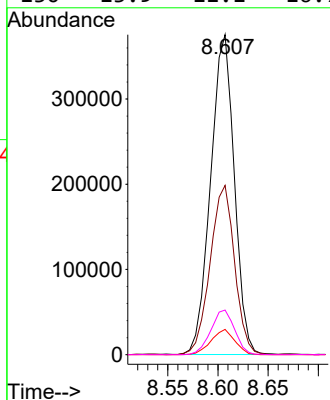
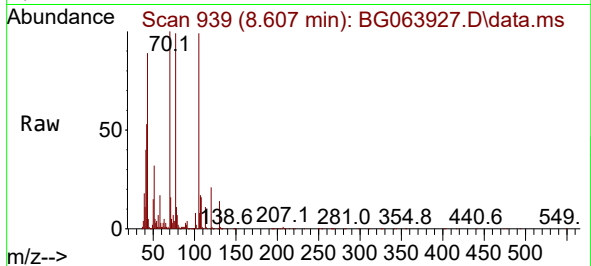


#19  
n-Nitroso-di-n-propylamine  
Concen: 77.617 ng  
RT: 8.607 min Scan# 91  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 70 Resp: 615815

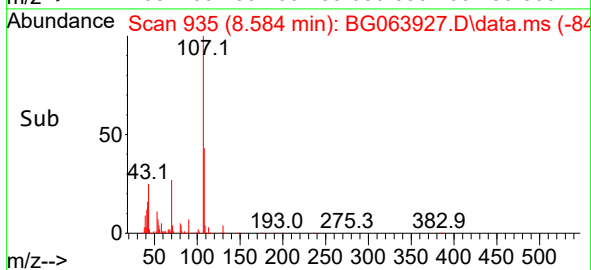
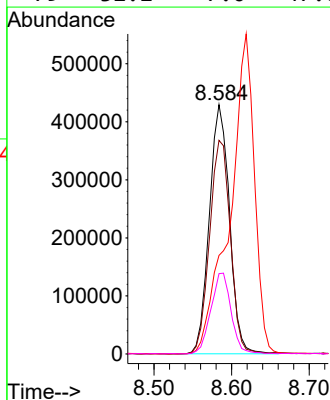
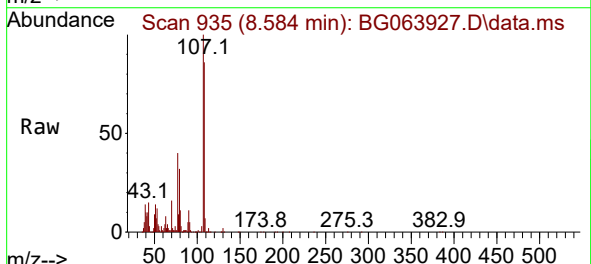
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 52.9  | 39.0  | 58.4  |
| 101 | 7.9   | 7.0   | 10.4  |
| 130 | 13.9  | 11.1  | 16.7  |

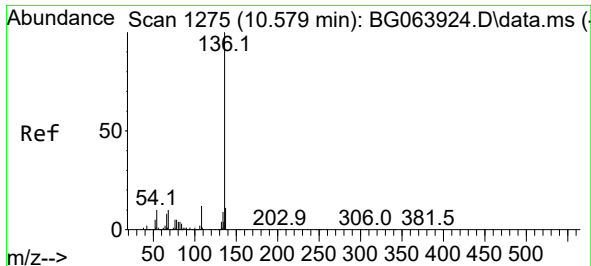


#20  
3+4-Methylphenols  
Concen: 78.518 ng  
RT: 8.584 min Scan# 935  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 107 Resp: 775456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.7  | 62.4  | 102.4 |
| 77  | 39.5  | 16.3  | 56.3  |
| 79  | 32.2  | 7.0   | 47.0  |

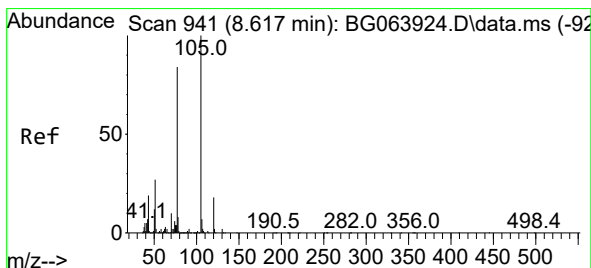
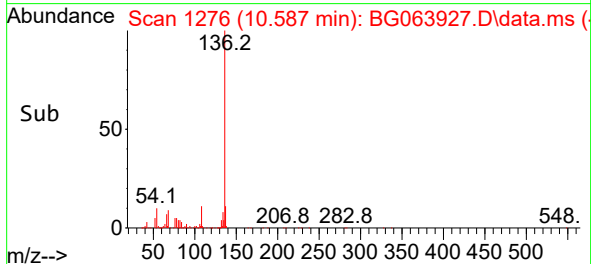
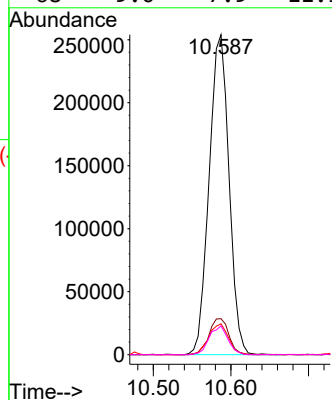
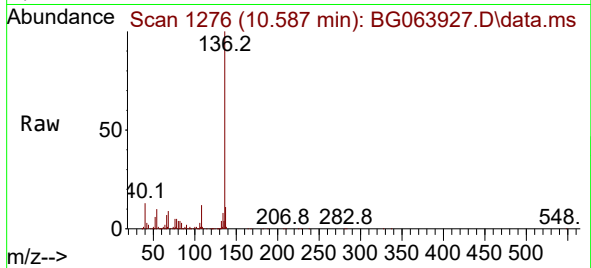




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 1276  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

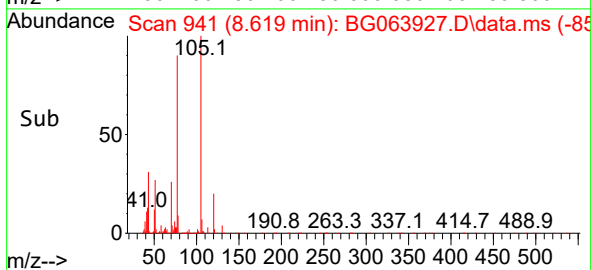
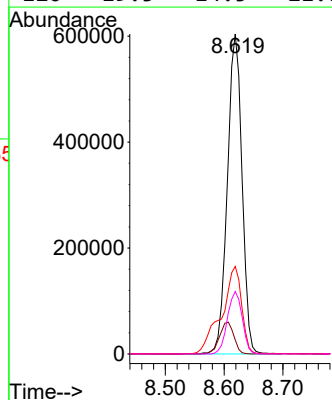
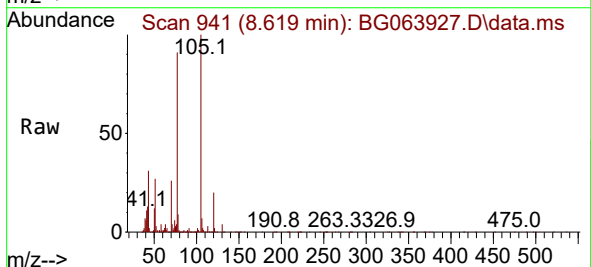
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

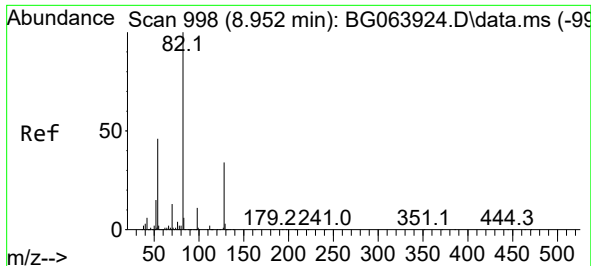
Tgt Ion:136 Resp: 452554  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 9.7 8.0 12.0  
68 9.0 7.9 11.9



#22  
Acetophenone  
Concen: 77.424 ng  
RT: 8.619 min Scan# 941  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:105 Resp: 1045782  
Ion Ratio Lower Upper  
105 100  
71 4.4 1.5 2.3#  
51 27.4 21.8 32.8  
120 19.5 14.5 21.7

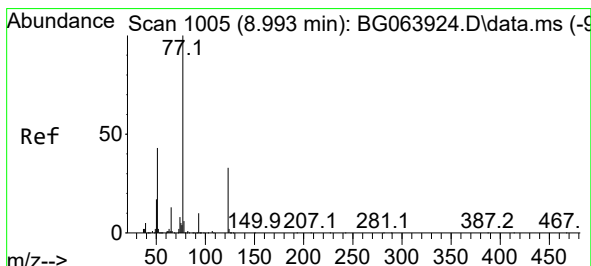
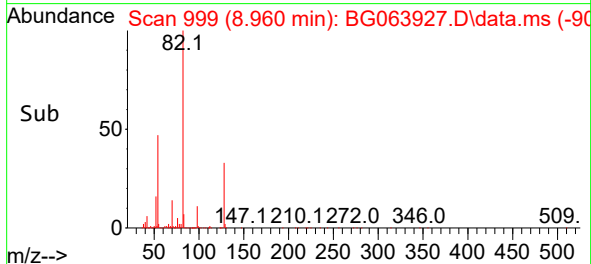
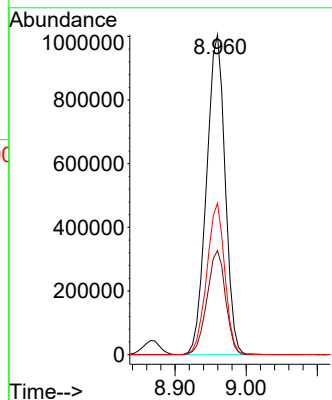
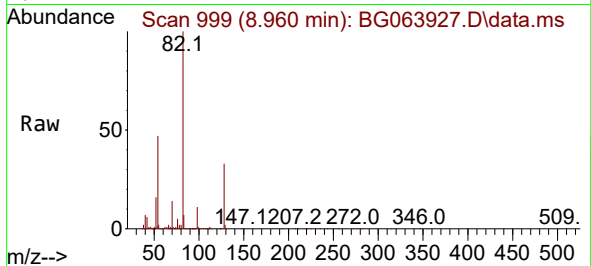




#23  
Nitrobenzene-d5  
Concen: 158.426 ng  
RT: 8.960 min Scan# 999  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

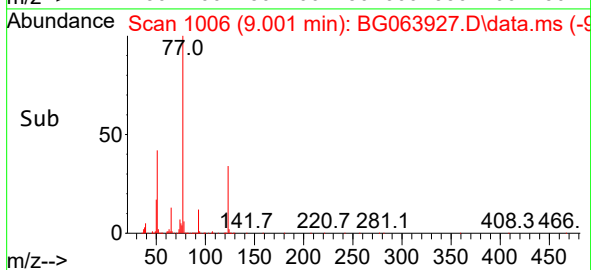
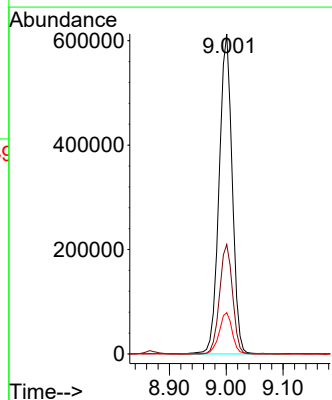
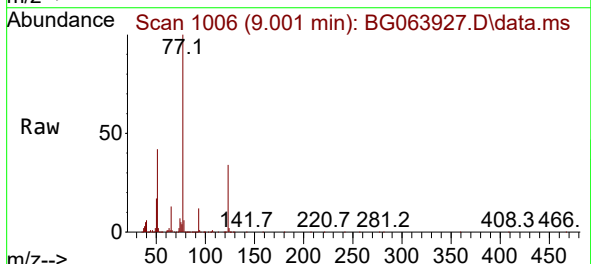
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

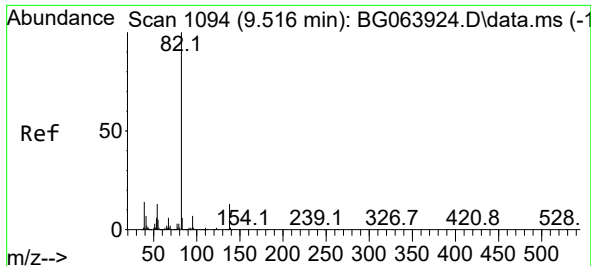
Tgt Ion: 82 Resp: 1823683  
Ion Ratio Lower Upper  
82 100  
128 32.5 26.9 40.3  
54 47.4 36.7 55.1



#24  
Nitrobenzene  
Concen: 79.449 ng  
RT: 9.001 min Scan# 1006  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 77 Resp: 979765  
Ion Ratio Lower Upper  
77 100  
123 34.2 26.5 39.7  
65 12.9 10.2 15.4

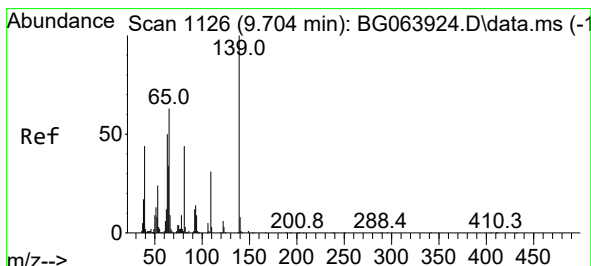
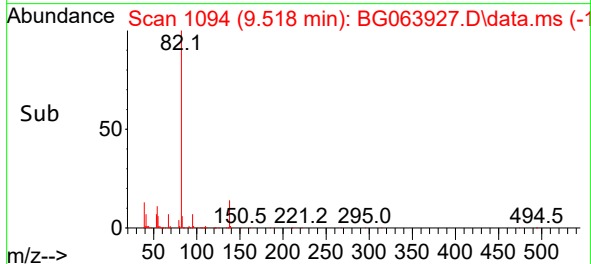
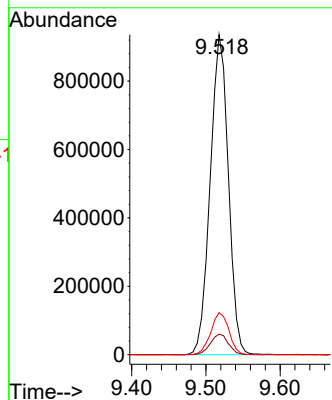
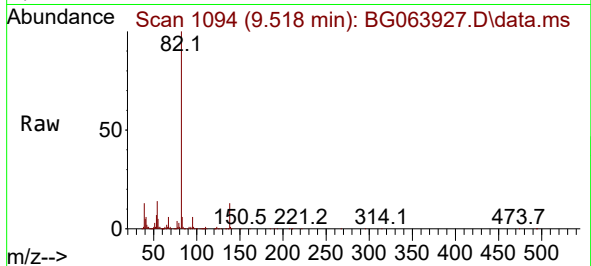




#25  
Isophorone  
Concen: 78.873 ng  
RT: 9.518 min Scan# 1094  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

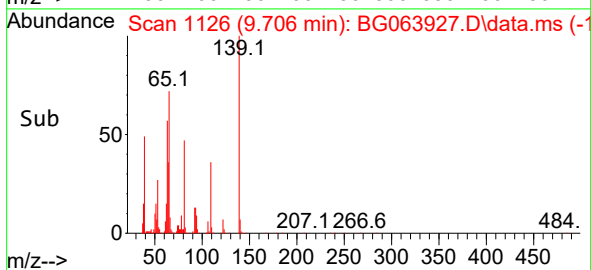
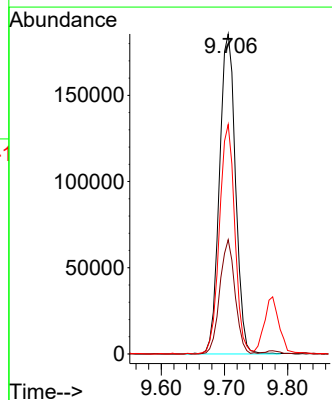
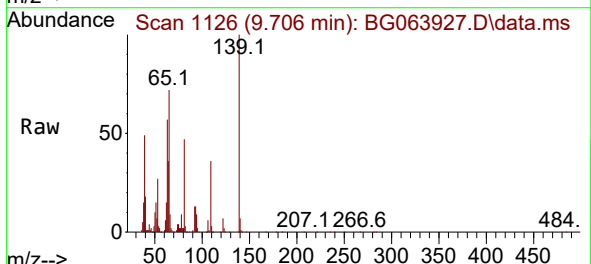
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

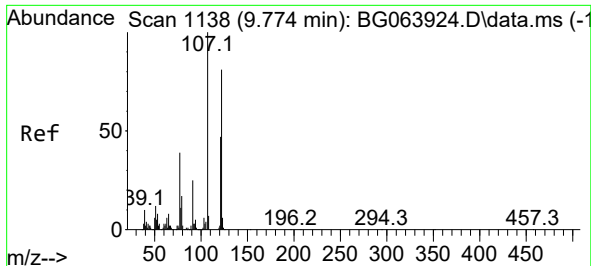
Tgt Ion: 82 Resp: 1590335  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.2 7.8  
138 13.1 10.6 16.0



#26  
2-Nitrophenol  
Concen: 84.564 ng  
RT: 9.706 min Scan# 1126  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:139 Resp: 327894  
Ion Ratio Lower Upper  
139 100  
109 35.7 25.0 37.4  
65 71.7 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 80.759 ng

RT: 9.776 min Scan# 1138

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

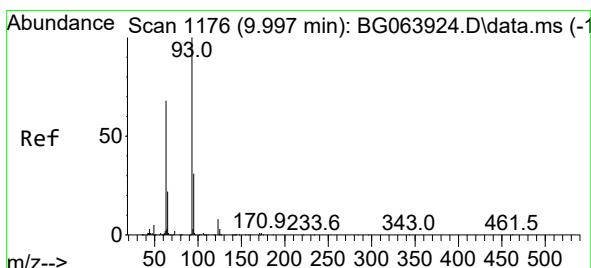
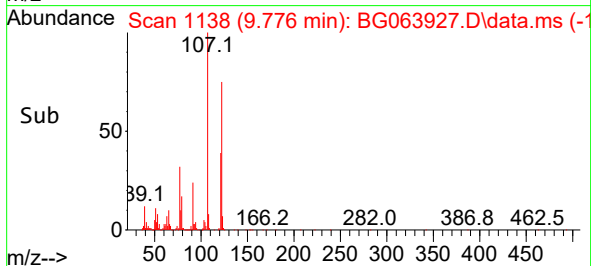
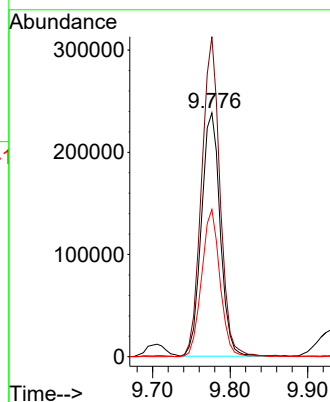
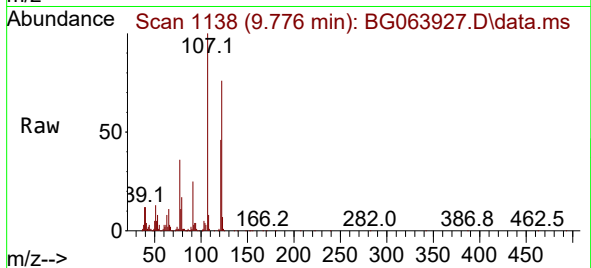
Tgt Ion:122 Resp: 400521

Ion Ratio Lower Upper

122 100

107 131.3 99.0 148.4

121 60.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 78.111 ng

RT: 10.000 min Scan# 1176

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

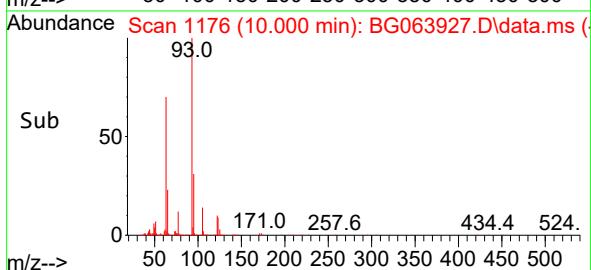
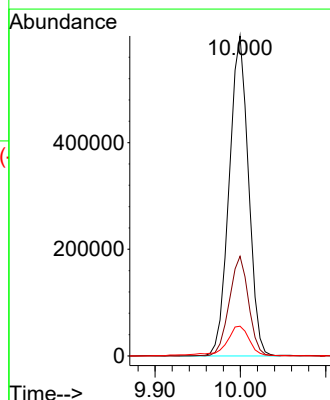
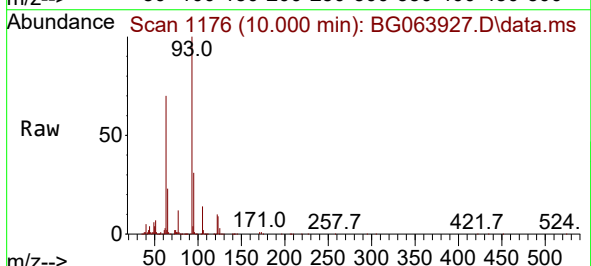
Tgt Ion: 93 Resp: 944318

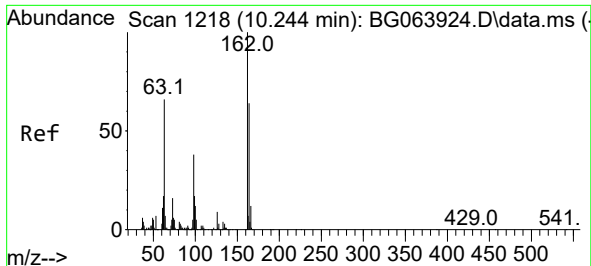
Ion Ratio Lower Upper

93 100

95 31.2 25.0 37.6

123 9.3 6.9 10.3

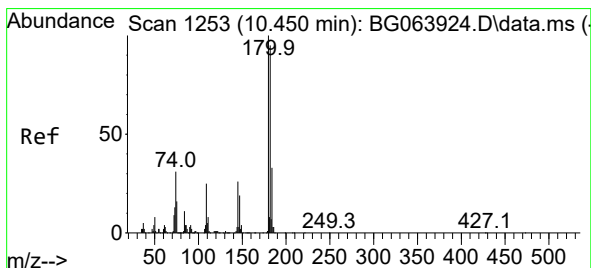
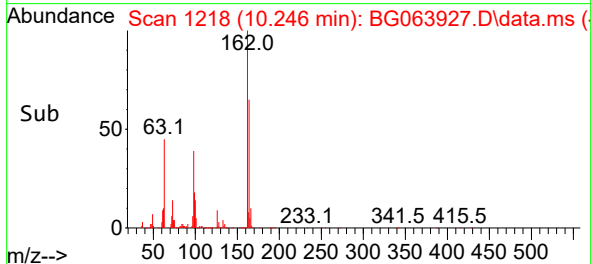
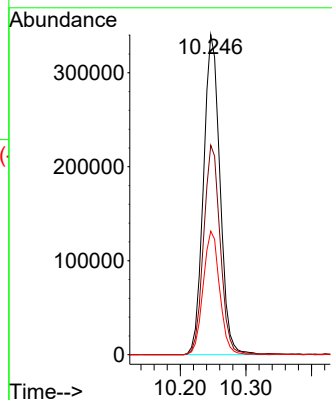
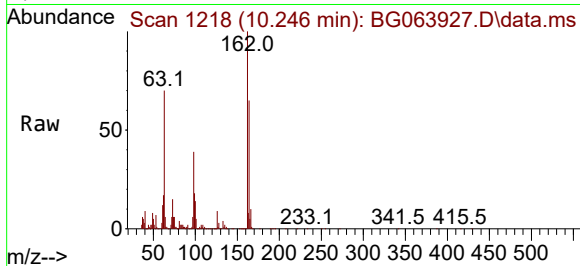




#29  
2,4-Dichlorophenol  
Concen: 81.040 ng  
RT: 10.246 min Scan# 1218  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

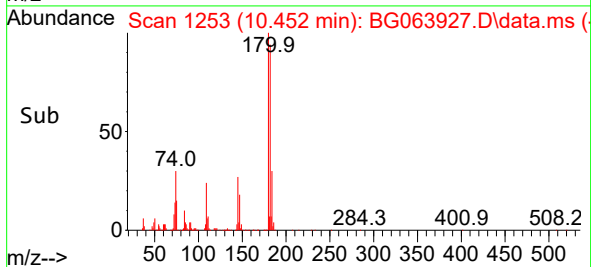
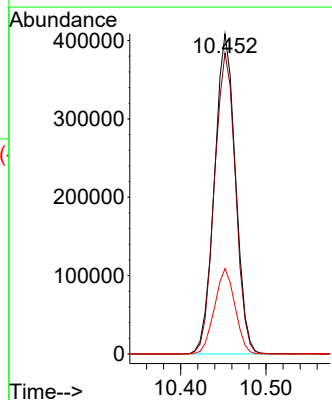
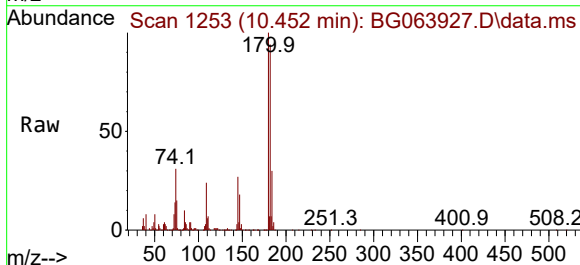
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

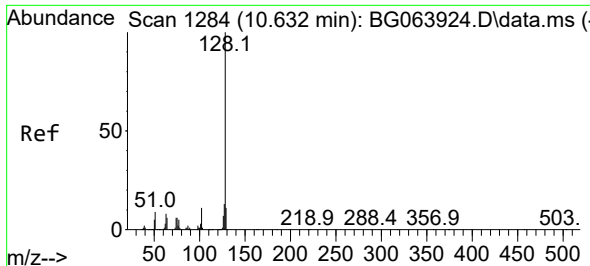
Tgt Ion:162 Resp: 597926  
Ion Ratio Lower Upper  
162 100  
164 65.4 44.4 84.4  
98 38.6 17.7 57.7



#30  
1,2,4-Trichlorobenzene  
Concen: 77.737 ng  
RT: 10.452 min Scan# 1253  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:180 Resp: 698857  
Ion Ratio Lower Upper  
180 100  
182 94.0 75.8 113.6  
145 26.7 20.8 31.2

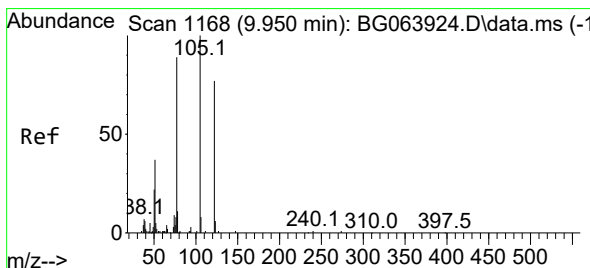
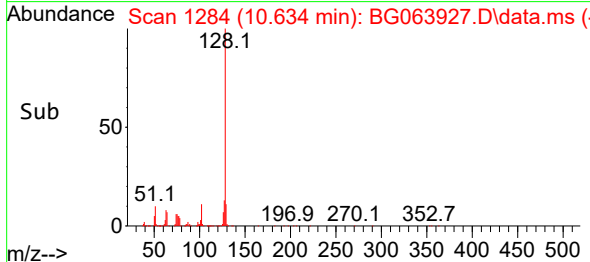
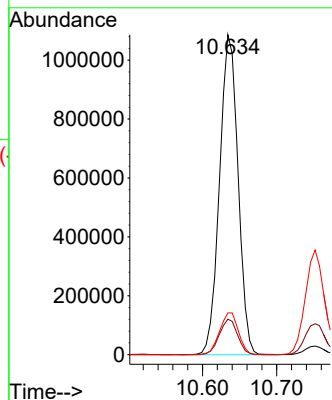
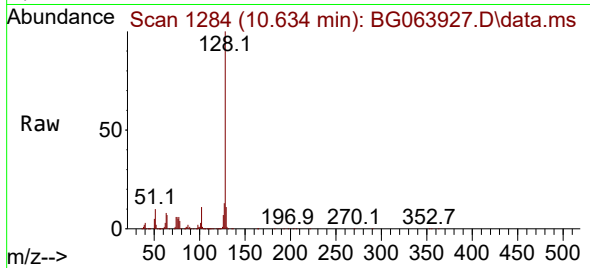




#31  
Naphthalene  
Concen: 76.567 ng  
RT: 10.634 min Scan# 1174  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

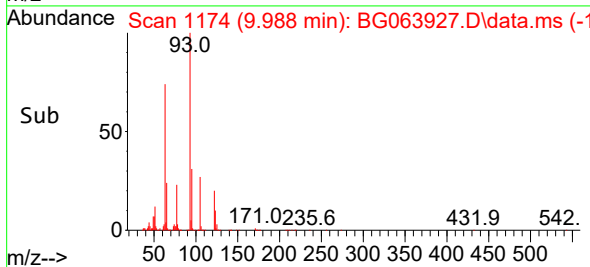
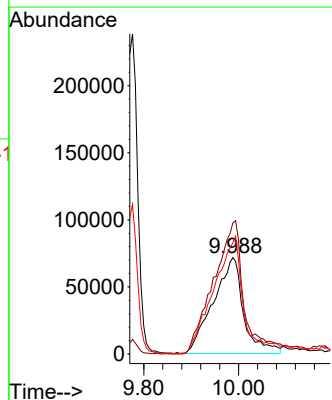
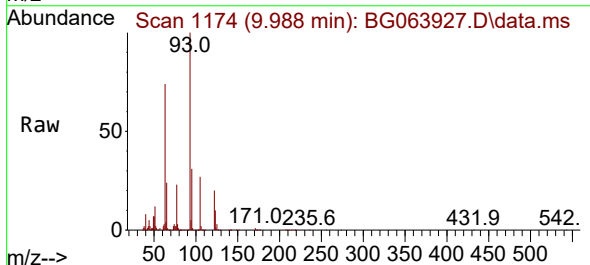
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

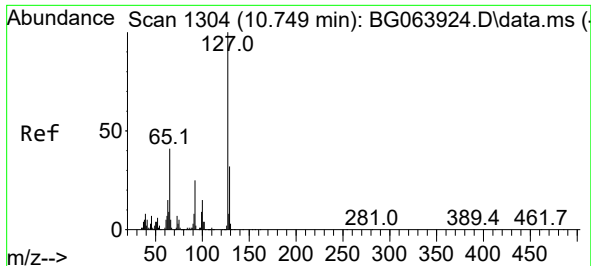
Tgt Ion:128 Resp: 1880840  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.0 10.2 15.4



#32  
Benzoic acid  
Concen: 89.635 ng  
RT: 9.988 min Scan# 1174  
Delta R.T. 0.038 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:122 Resp: 317573  
Ion Ratio Lower Upper  
122 100  
105 136.1 109.7 149.7  
77 115.3 96.0 136.0

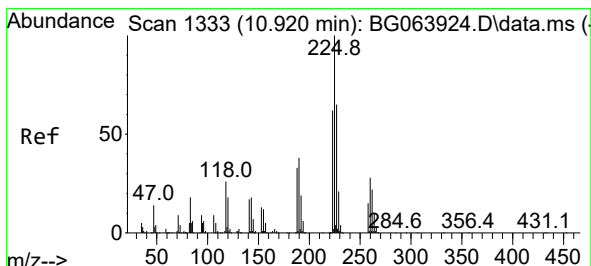
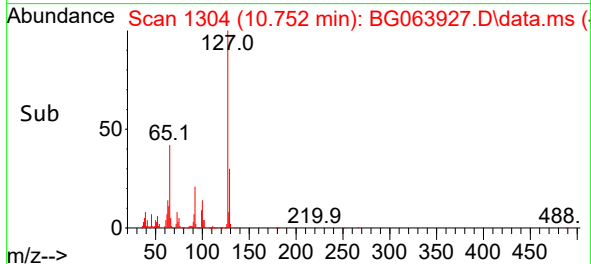
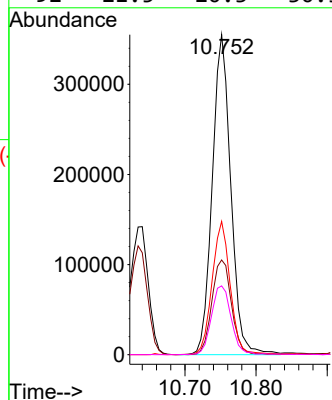
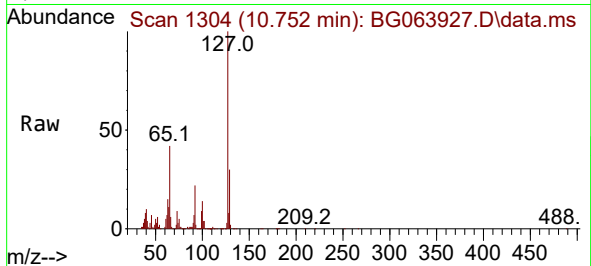




#33  
4-Chloroaniline  
Concen: 80.701 ng  
RT: 10.752 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

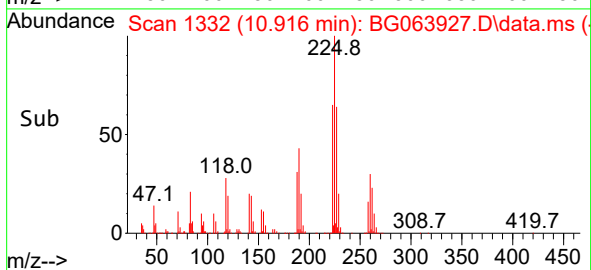
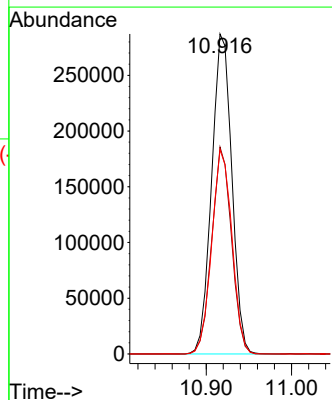
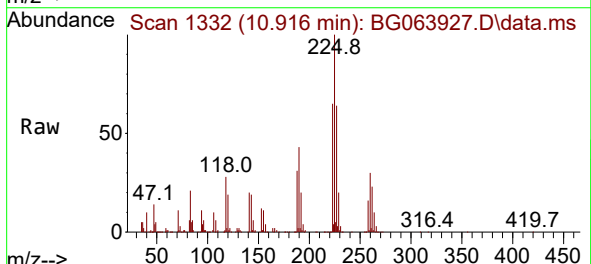
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

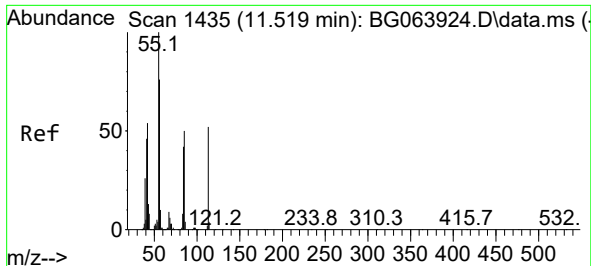
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 643399 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 29.6    | 25.4 38.0    |
| 65 41.6     | 32.6 48.8    |
| 92 21.5     | 20.3 30.5    |



#34  
Hexachlorobutadiene  
Concen: 76.584 ng  
RT: 10.916 min Scan# 1332  
Delta R.T. -0.004 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 471026 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 64.6    | 49.5 74.3    |
| 227 63.8    | 51.6 77.4    |

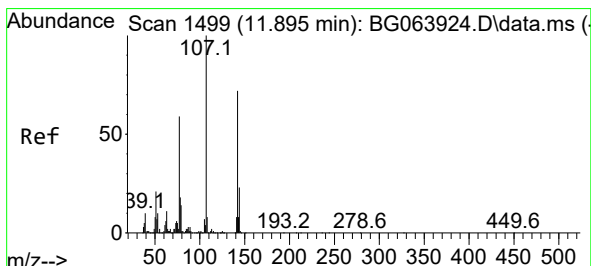
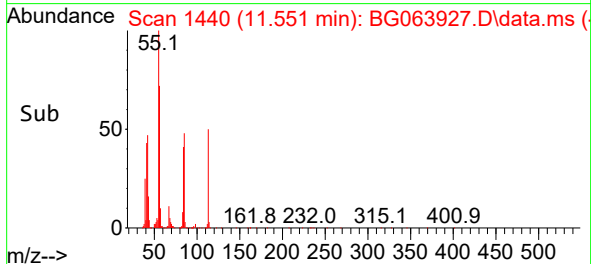
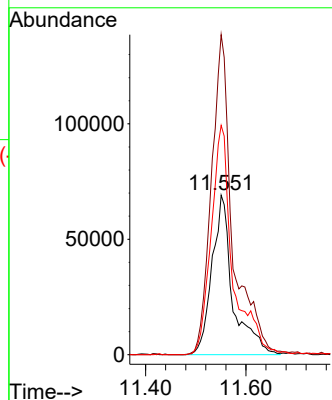
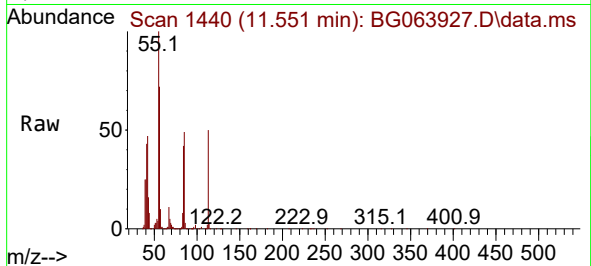




#35  
Caprolactam  
Concen: 81.792 ng  
RT: 11.551 min Scan# 1435  
Delta R.T. 0.032 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

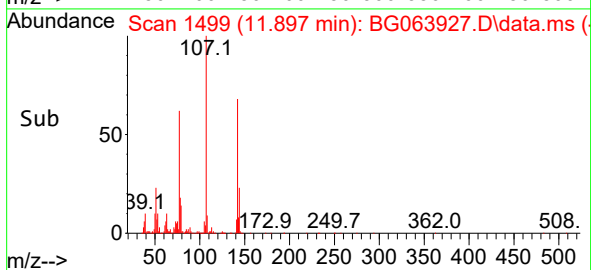
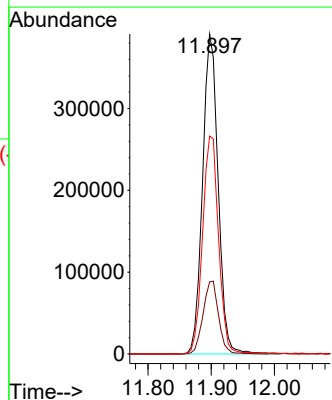
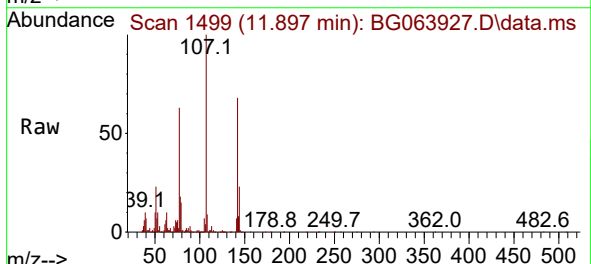
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

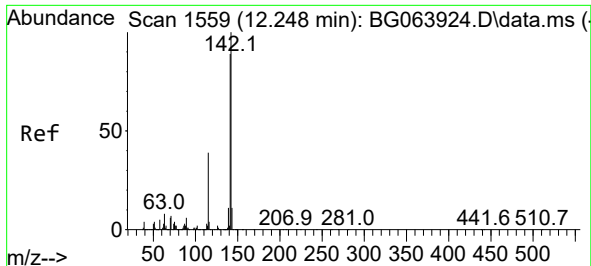
Tgt Ion:113 Resp: 199703  
Ion Ratio Lower Upper  
113 100  
55 200.5 173.7 213.7  
56 143.7 127.5 167.5



#36  
4-Chloro-3-methylphenol  
Concen: 81.234 ng  
RT: 11.897 min Scan# 1499  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:107 Resp: 668382  
Ion Ratio Lower Upper  
107 100  
144 22.5 18.7 28.1  
142 68.1 57.5 86.3





#37

2-Methylnaphthalene

Concen: 76.668 ng

RT: 12.250 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

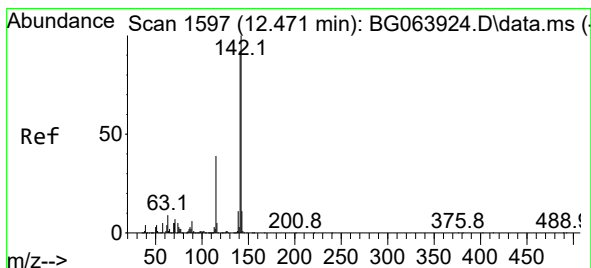
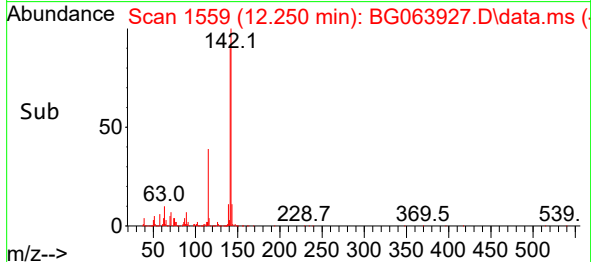
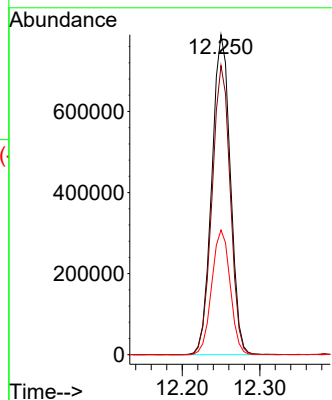
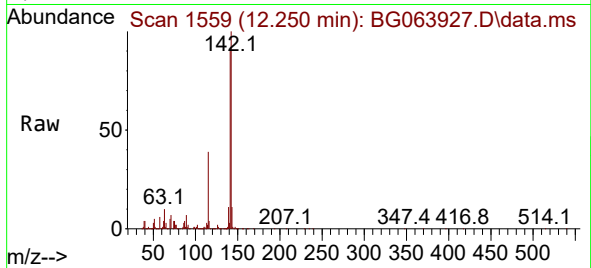
Tgt Ion:142 Resp: 1312226

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

115 38.9 31.2 46.8



#38

1-Methylnaphthalene

Concen: 75.971 ng

RT: 12.473 min Scan# 1597

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

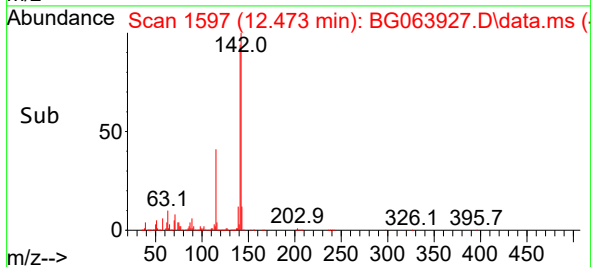
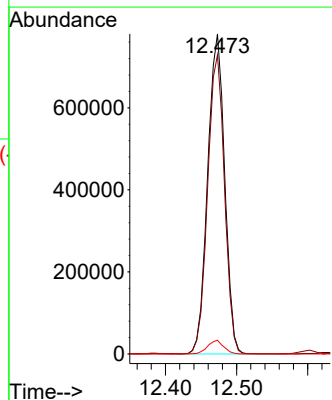
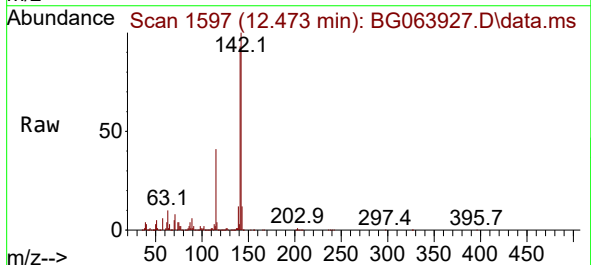
Tgt Ion:142 Resp: 1296897

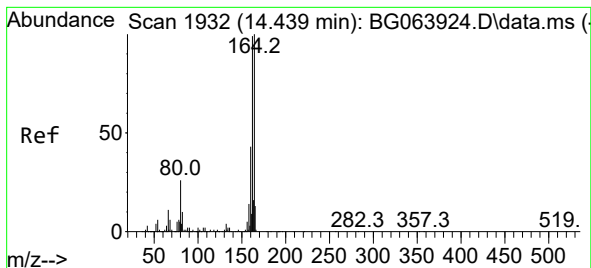
Ion Ratio Lower Upper

142 100

141 93.4 73.4 110.2

116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.441 min Scan# 1932

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

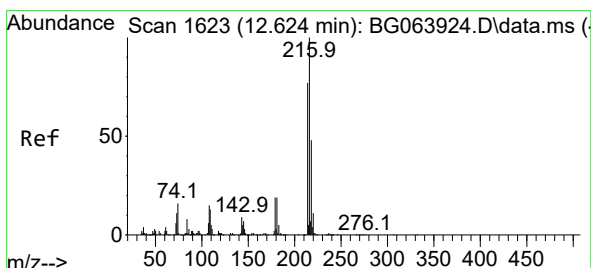
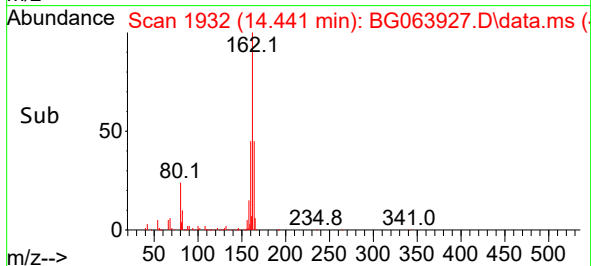
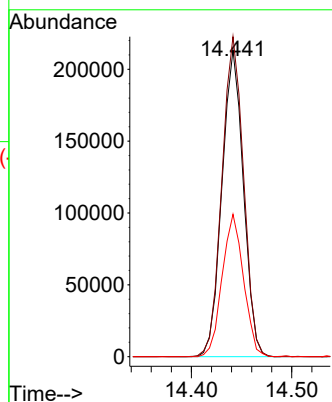
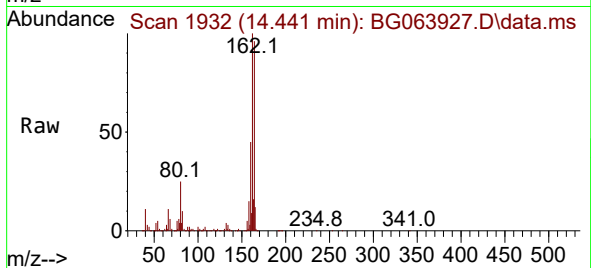
Tgt Ion:164 Resp: 315683

Ion Ratio Lower Upper

164 100

162 104.4 79.1 118.7

160 46.5 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 78.384 ng

RT: 12.626 min Scan# 1623

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Tgt Ion:216 Resp: 823984

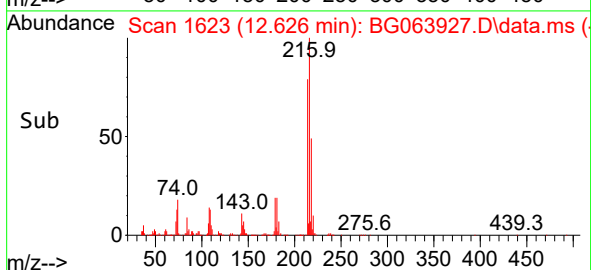
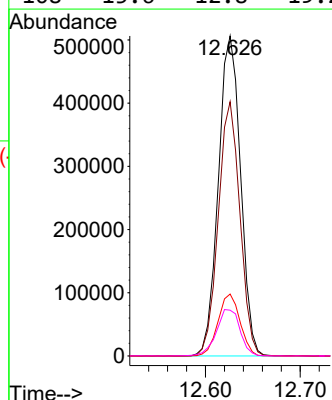
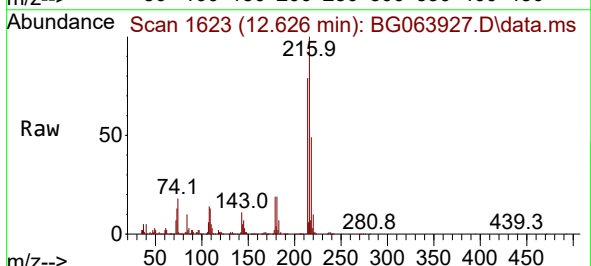
Ion Ratio Lower Upper

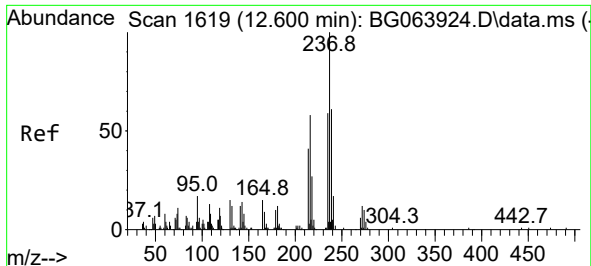
216 100

214 77.5 61.8 92.8

179 19.2 15.5 23.3

108 15.6 12.8 19.2

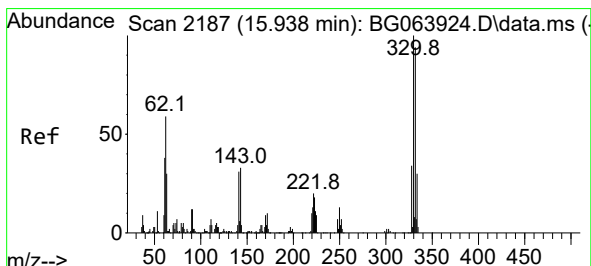
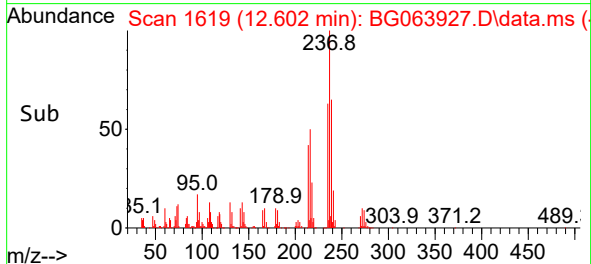
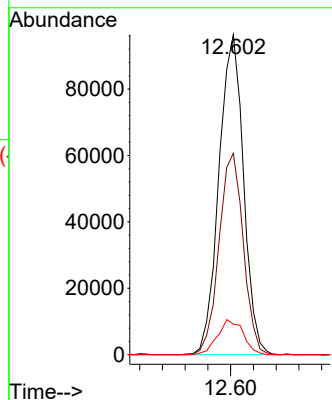
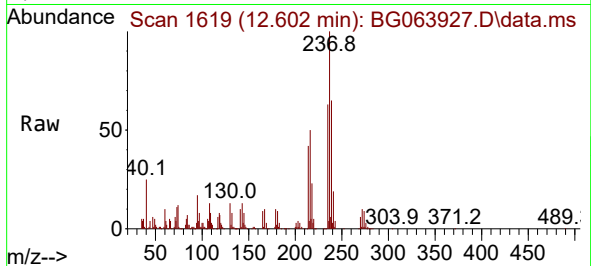




#41  
Hexachlorocyclopentadiene  
Concen: 111.491 ng  
RT: 12.602 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

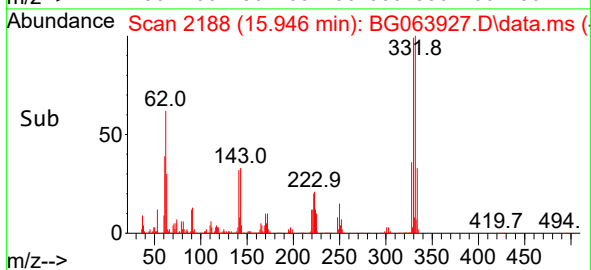
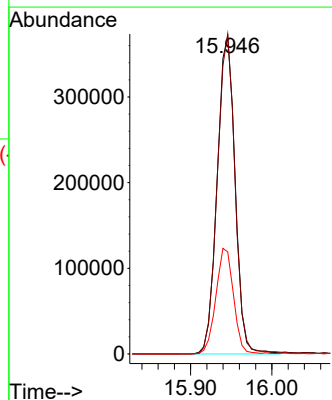
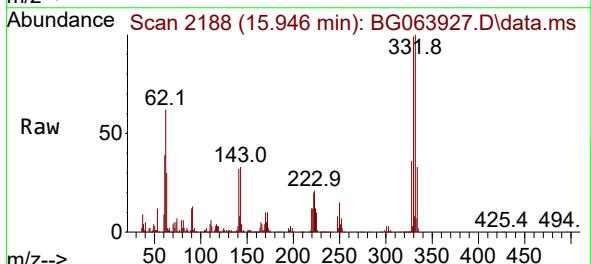
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

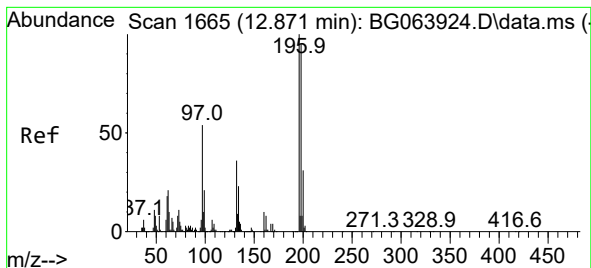
Tgt Ion:237 Resp: 144287  
Ion Ratio Lower Upper  
237 100  
235 63.0 39.2 79.2  
272 9.5 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 150.358 ng  
RT: 15.946 min Scan# 2188  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:330 Resp: 568441  
Ion Ratio Lower Upper  
330 100  
332 99.9 76.6 114.8  
141 32.9 24.4 36.6





#43

2,4,6-Trichlorophenol

Concen: 83.555 ng

RT: 12.873 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

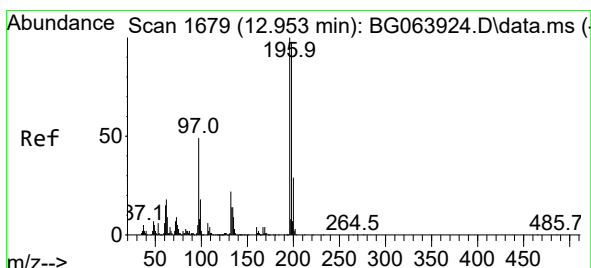
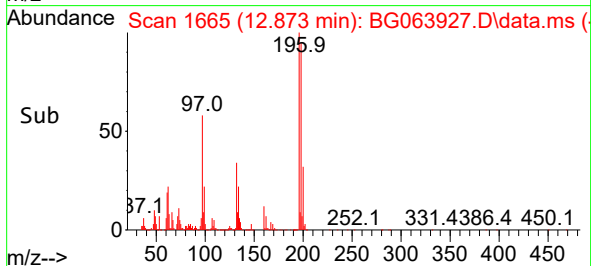
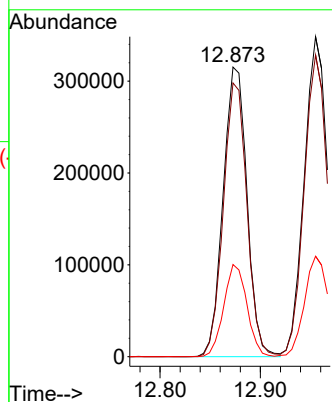
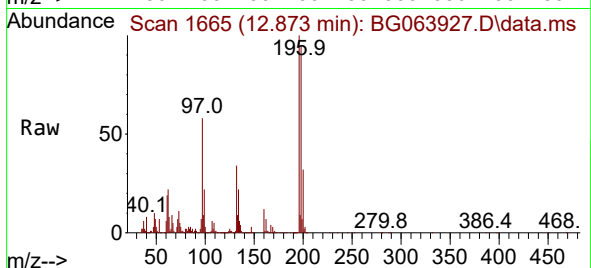
Tgt Ion:196 Resp: 521769

Ion Ratio Lower Upper

196 100

198 94.5 76.3 114.5

200 31.8 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 82.588 ng

RT: 12.955 min Scan# 1679

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Tgt Ion:196 Resp: 576878

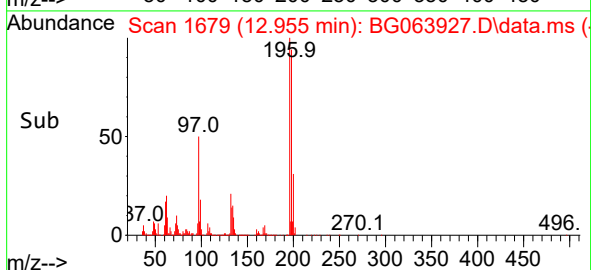
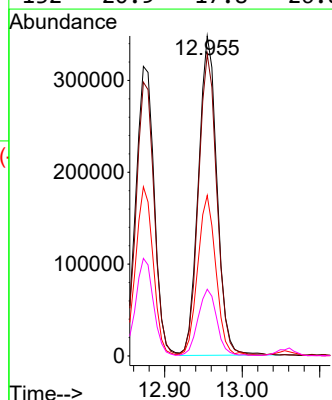
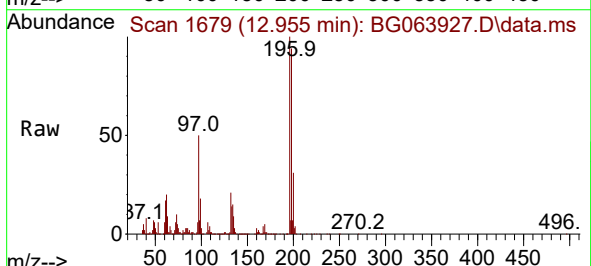
Ion Ratio Lower Upper

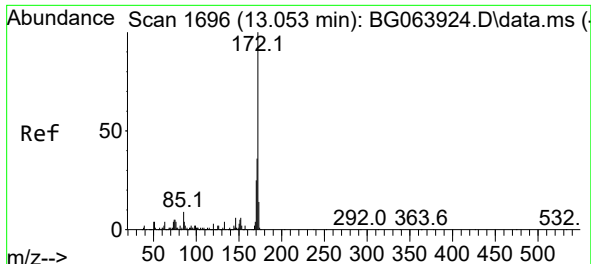
196 100

198 94.3 77.7 116.5

97 50.1 39.5 59.3

132 20.9 17.8 26.8

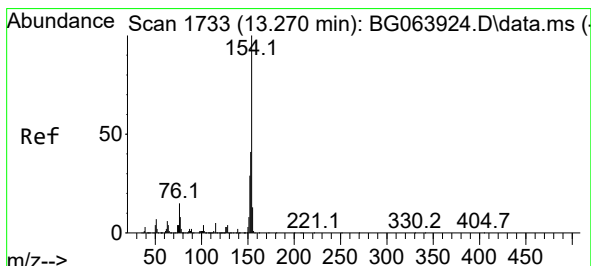
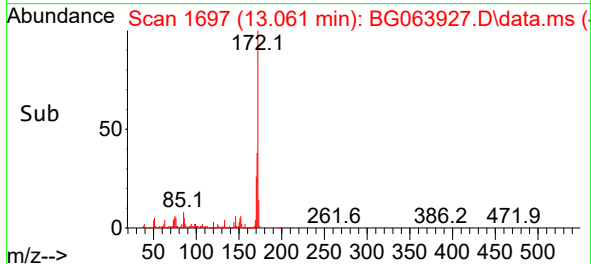
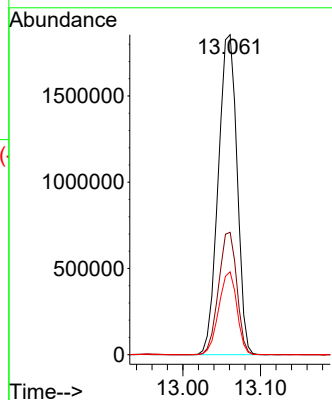
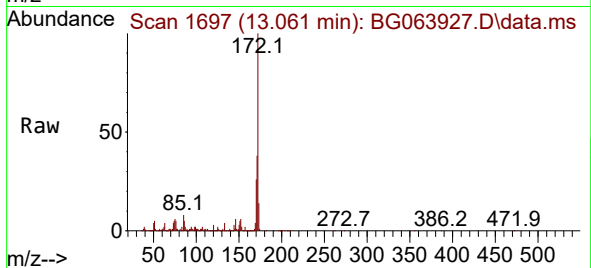




#45  
2-Fluorobiphenyl  
Concen: 142.810 ng  
RT: 13.061 min Scan# 1  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

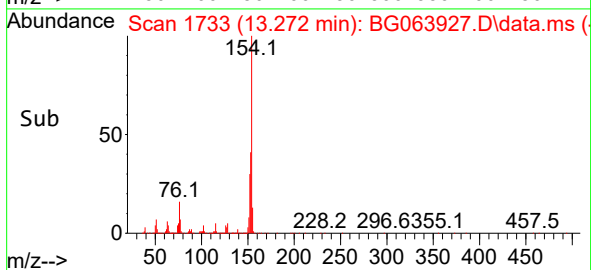
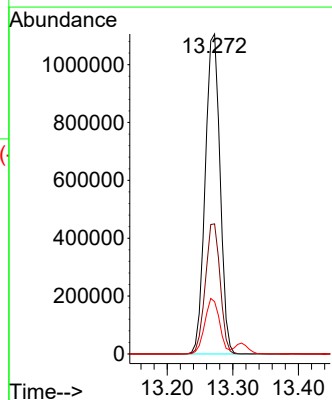
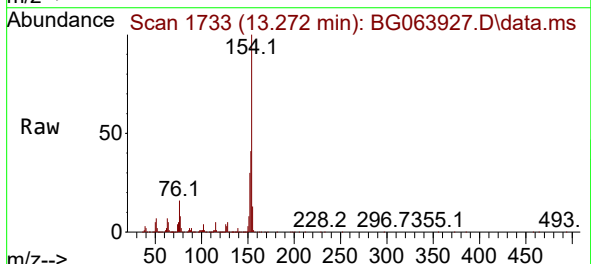
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

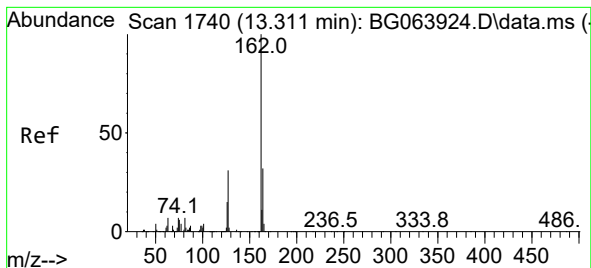
Tgt Ion:172 Resp: 3119728  
Ion Ratio Lower Upper  
172 100  
171 38.2 29.2 43.8  
170 25.9 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 75.543 ng  
RT: 13.272 min Scan# 1733  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:154 Resp: 1737668  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.4 61.4  
76 16.3 0.0 35.0

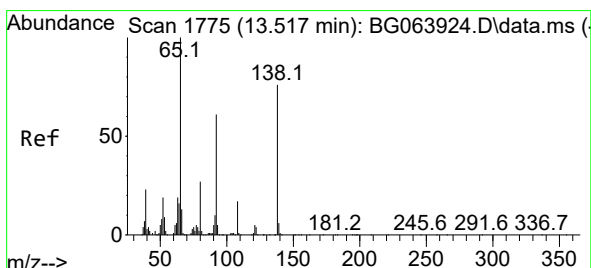
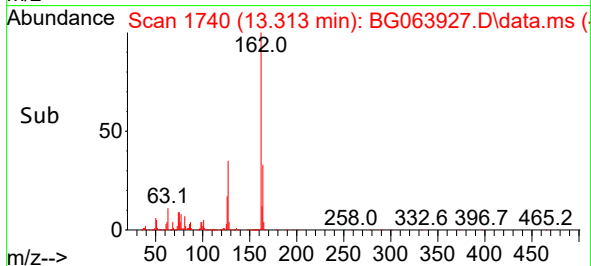
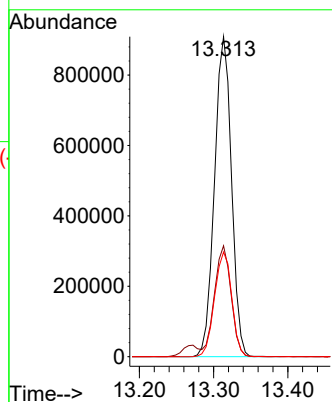
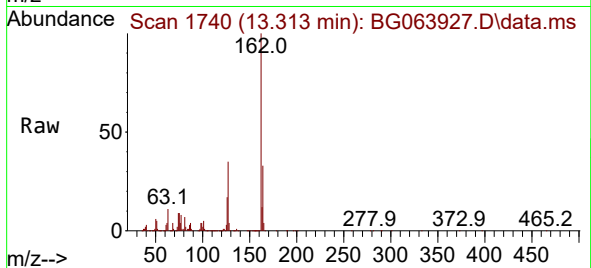




#47  
2-Chloronaphthalene  
Concen: 76.507 ng  
RT: 13.313 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

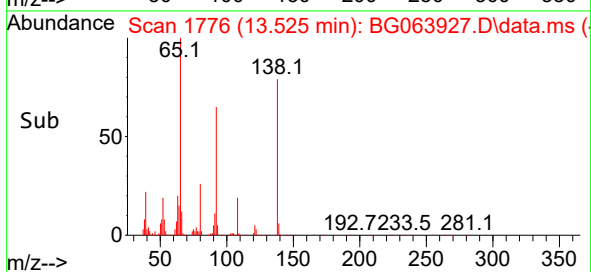
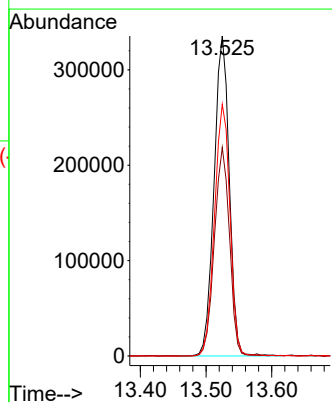
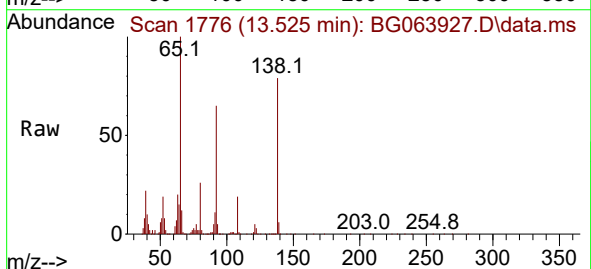
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

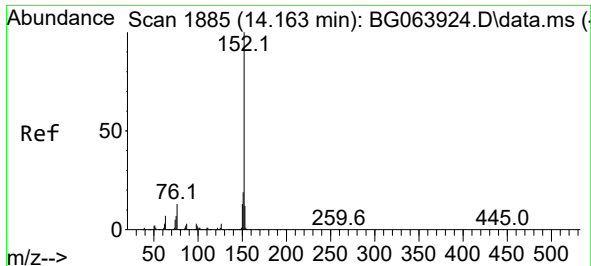
Tgt Ion:162 Resp: 1445457  
Ion Ratio Lower Upper  
162 100  
127 34.7 25.6 38.4  
164 32.7 25.7 38.5



#48  
2-Nitroaniline  
Concen: 86.117 ng  
RT: 13.525 min Scan# 1776  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 65 Resp: 539271  
Ion Ratio Lower Upper  
65 100  
92 65.1 48.9 73.3  
138 78.7 61.0 91.6

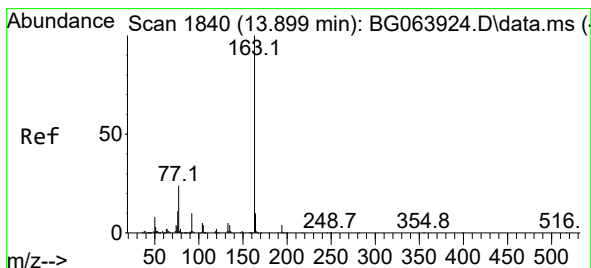
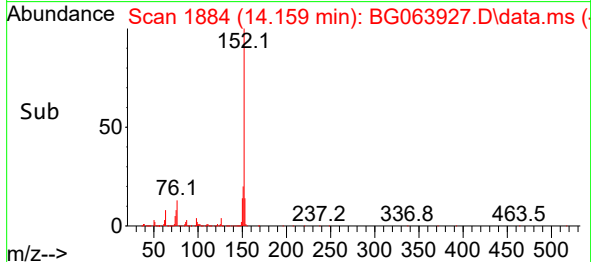
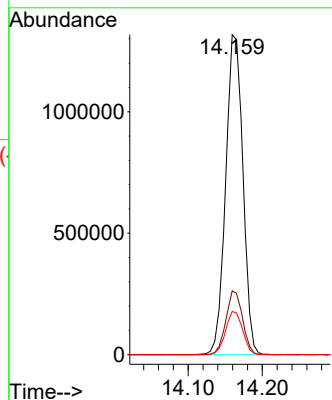
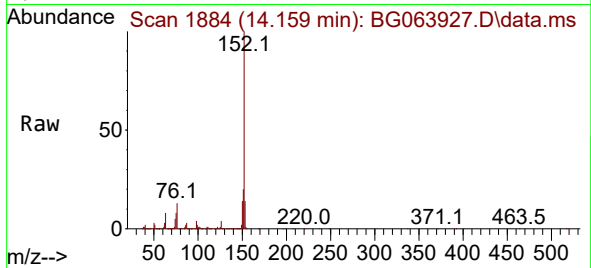




#49  
Acenaphthylene  
Concen: 76.155 ng  
RT: 14.159 min Scan# 1884  
Delta R.T. -0.004 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

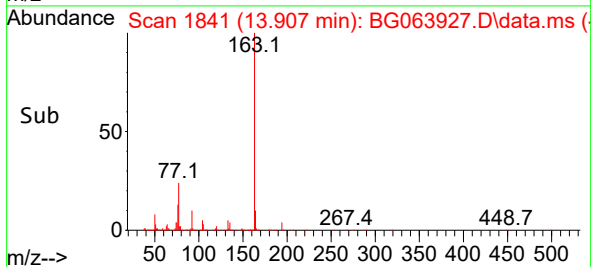
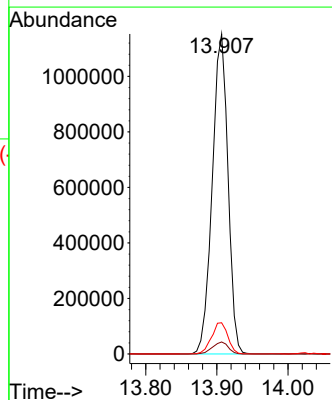
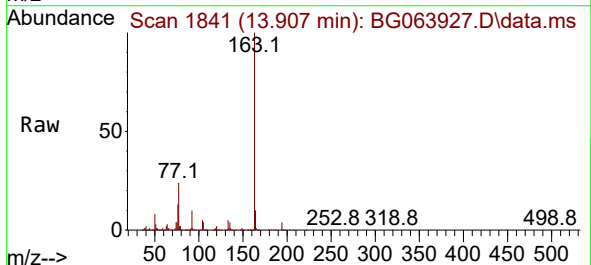
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

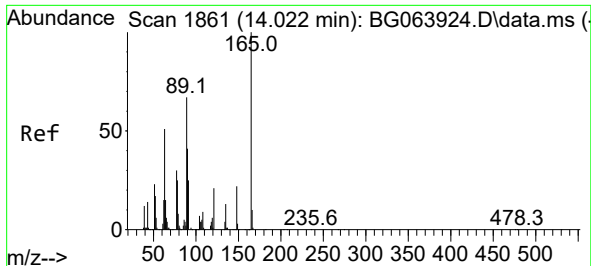
Tgt Ion:152 Resp: 2126069  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.5 23.3  
153 13.5 9.9 14.9



#50  
Dimethylphthalate  
Concen: 77.297 ng  
RT: 13.907 min Scan# 1841  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:163 Resp: 1765911  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 9.8 7.8 11.8

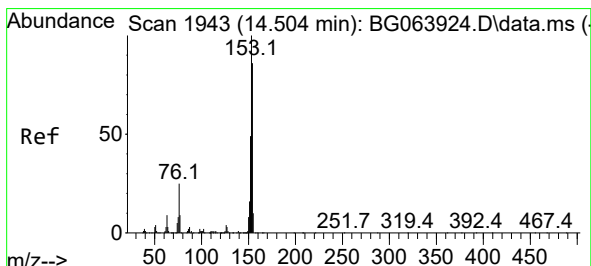
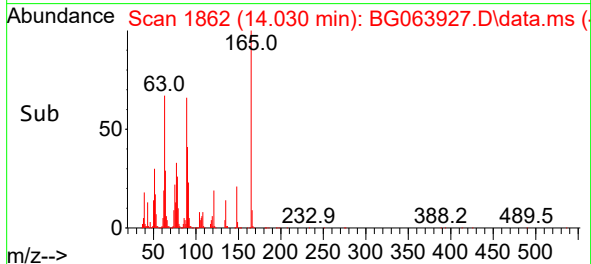
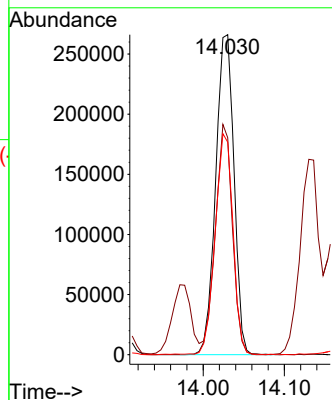
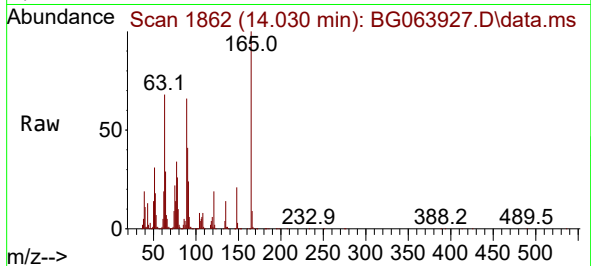




#51  
2,6-Dinitrotoluene  
Concen: 82.562 ng  
RT: 14.030 min Scan# 1862  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

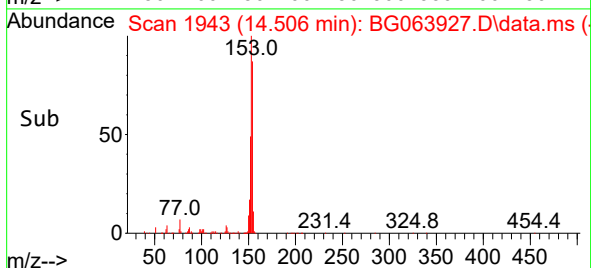
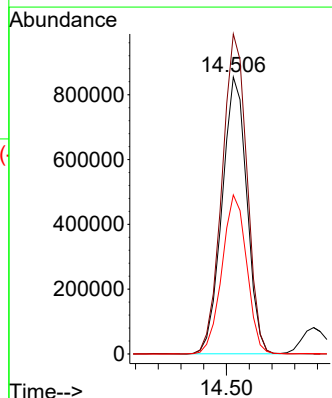
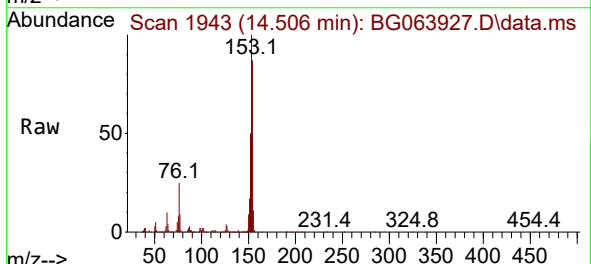
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

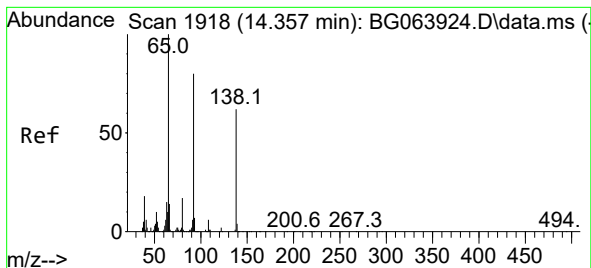
Tgt Ion:165 Resp: 416301  
Ion Ratio Lower Upper  
165 100  
63 67.8 53.9 80.9  
89 66.4 53.8 80.8



#52  
Acenaphthene  
Concen: 75.243 ng  
RT: 14.506 min Scan# 1943  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:154 Resp: 1292728  
Ion Ratio Lower Upper  
154 100  
153 115.6 93.4 140.0  
152 57.4 46.1 69.1

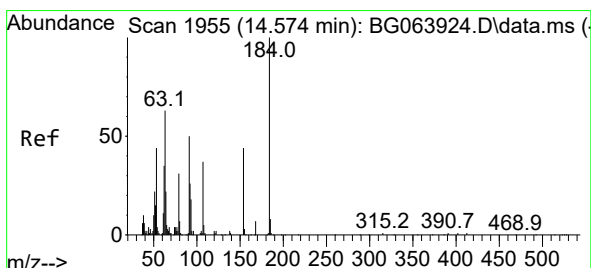
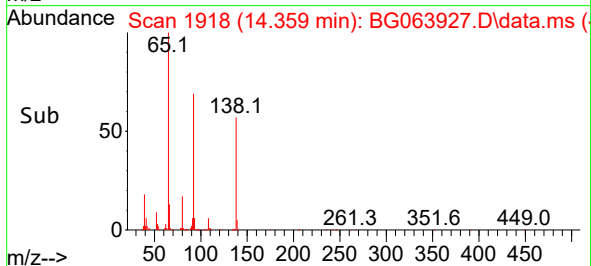
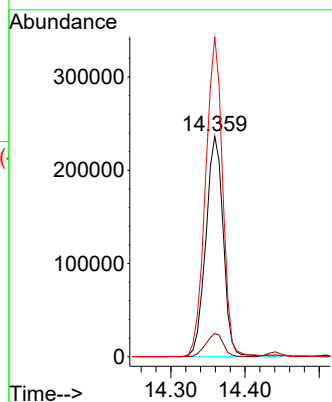
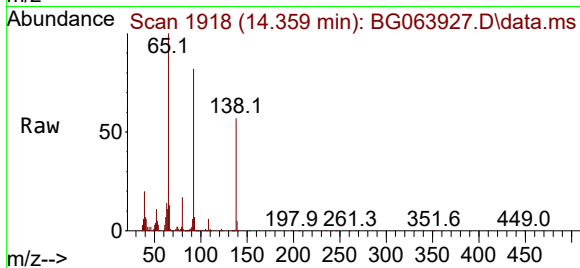




#53  
3-Nitroaniline  
Concen: 82.212 ng  
RT: 14.359 min Scan# 1918  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

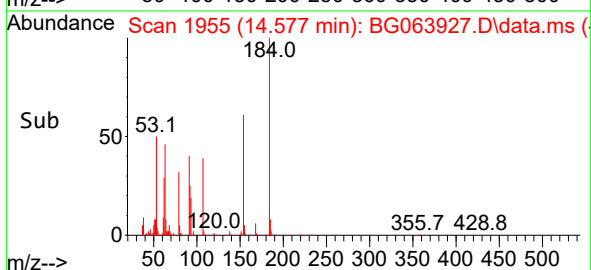
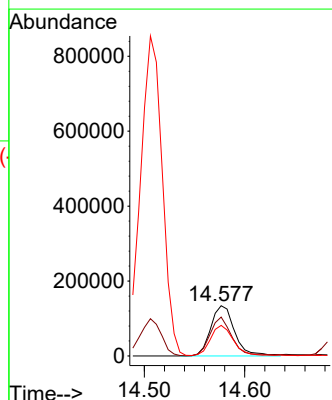
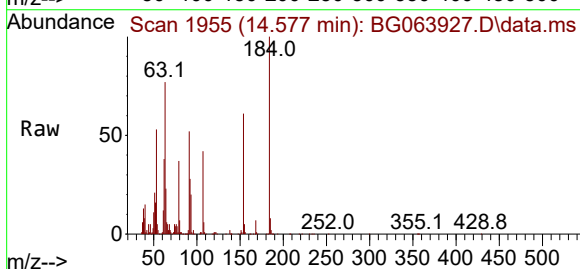
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

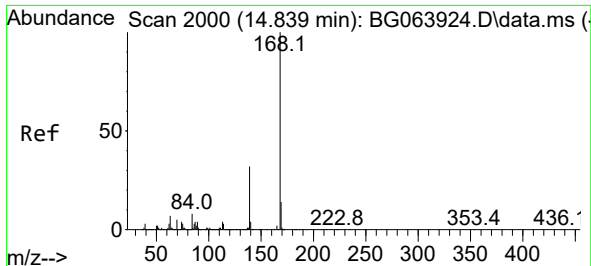
Tgt Ion:138 Resp: 384734  
Ion Ratio Lower Upper  
138 100  
108 10.5 7.8 11.8  
92 145.1 104.2 156.2



#54  
2,4-Dinitrophenol  
Concen: 96.567 ng  
RT: 14.577 min Scan# 1955  
Delta R.T. 0.003 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:184 Resp: 222178  
Ion Ratio Lower Upper  
184 100  
63 77.4 50.8 76.2#  
154 61.0 44.2 66.2

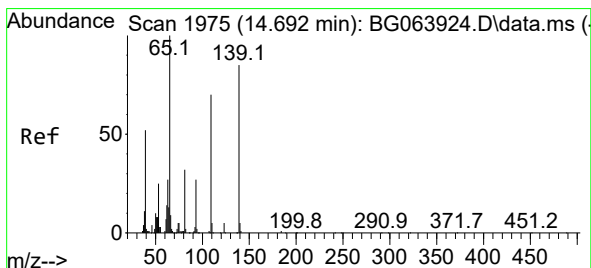
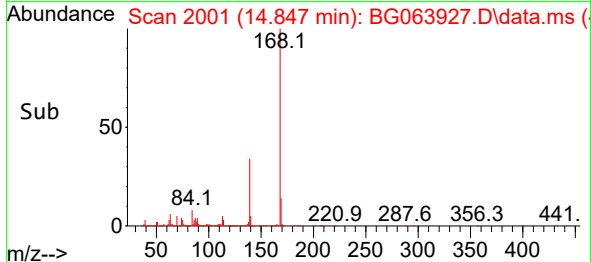
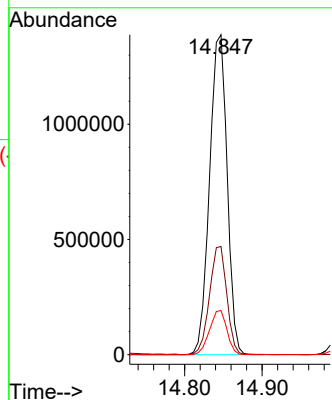
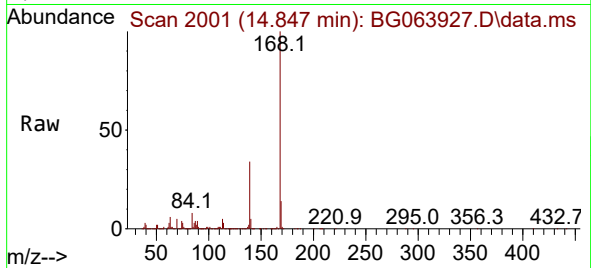




#55  
Dibenzenofuran  
Concen: 73.573 ng  
RT: 14.847 min Scan# 2000  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

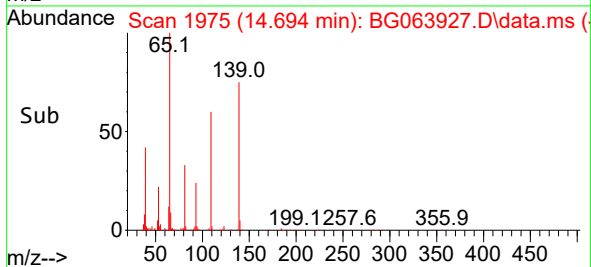
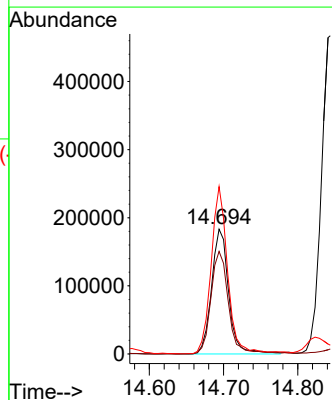
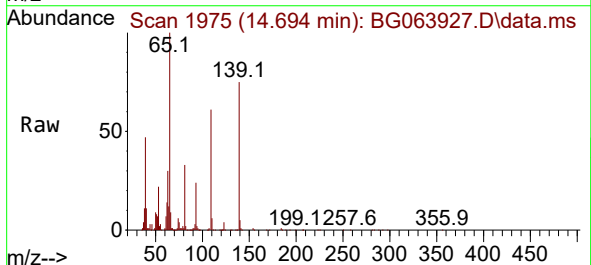
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

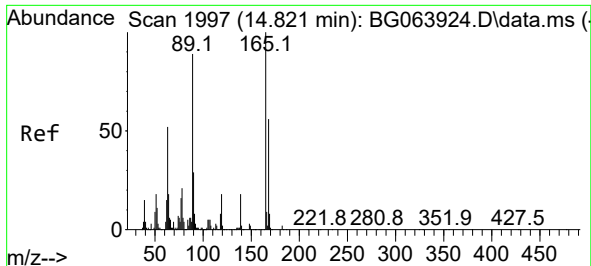
Tgt Ion:168 Resp: 2188879  
Ion Ratio Lower Upper  
168 100  
139 33.8 26.0 39.0  
169 13.8 10.8 16.2



#56  
4-Nitrophenol  
Concen: 87.033 ng  
RT: 14.694 min Scan# 1975  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:139 Resp: 294537  
Ion Ratio Lower Upper  
139 100  
109 82.2 62.8 102.8  
65 134.1 98.2 138.2

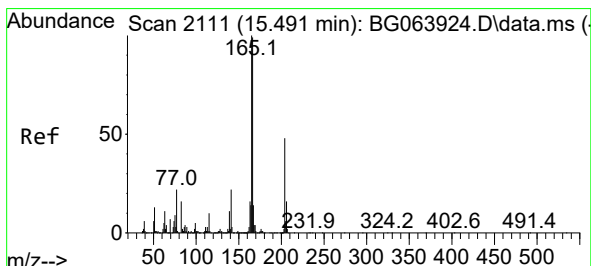
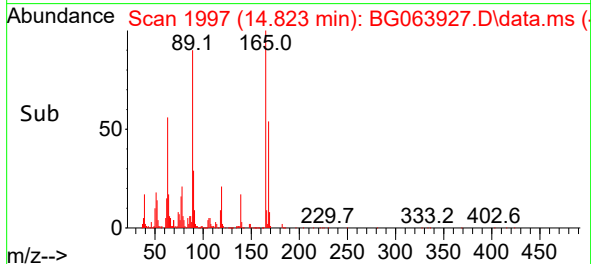
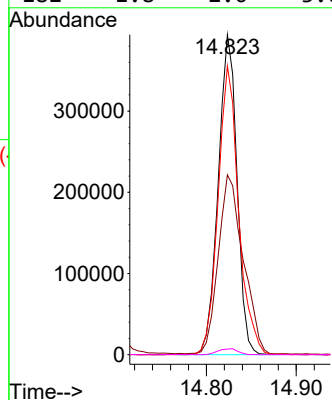
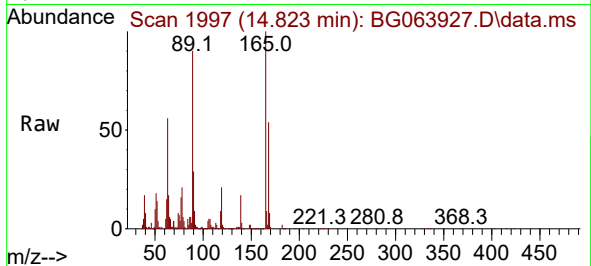




#57  
2,4-Dinitrotoluene  
Concen: 80.131 ng  
RT: 14.823 min Scan# 1997  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

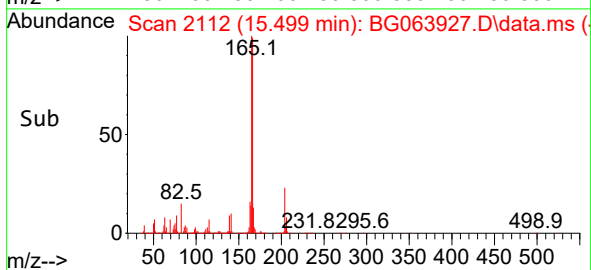
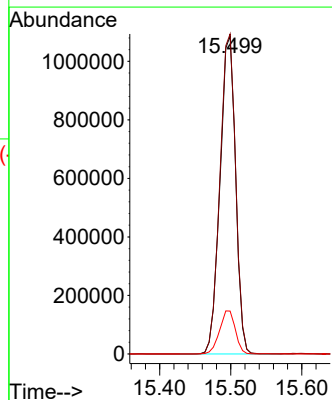
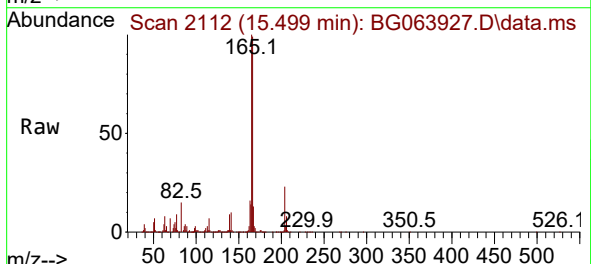
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

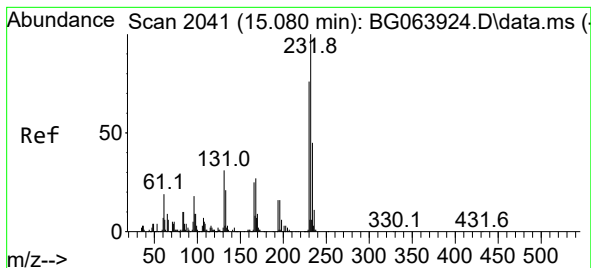
Tgt Ion:165 Resp: 571425  
Ion Ratio Lower Upper  
165 100  
63 56.2 41.6 62.4  
89 90.2 71.0 106.6  
182 1.8 2.0 3.0#



#58  
Fluorene  
Concen: 71.778 ng  
RT: 15.499 min Scan# 2112  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:166 Resp: 1643256  
Ion Ratio Lower Upper  
166 100  
165 100.7 81.2 121.8  
167 13.5 11.2 16.8

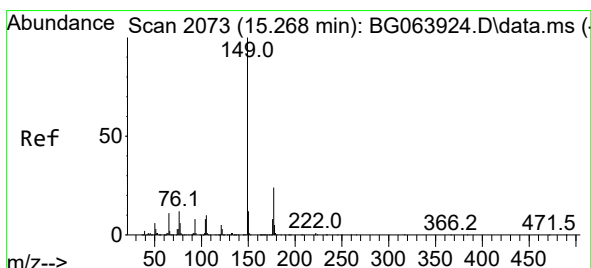
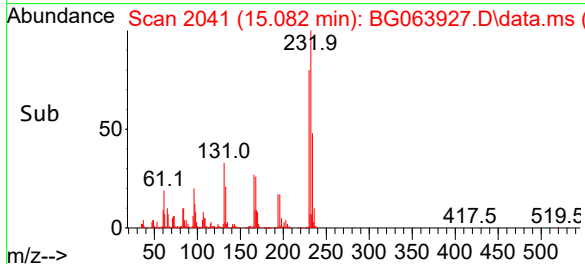
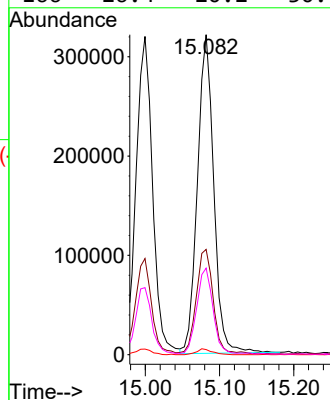
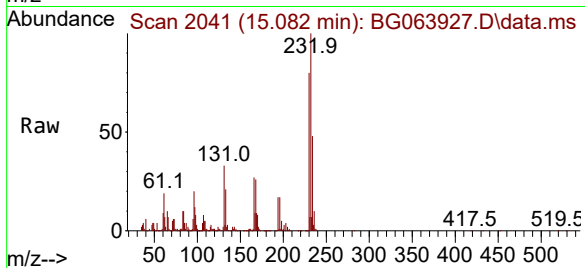




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 81.202 ng  
RT: 15.082 min Scan# 2041  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

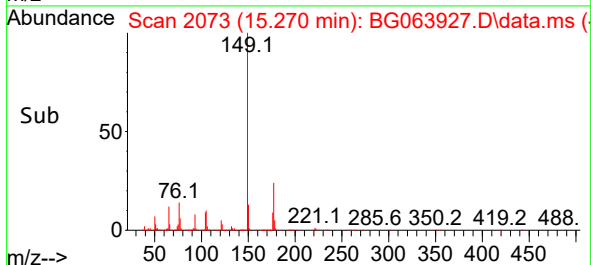
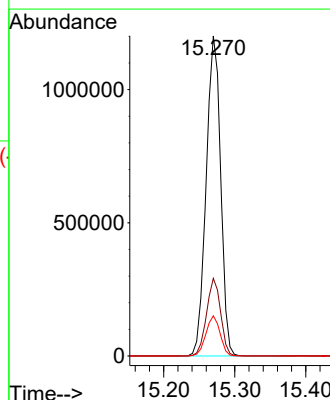
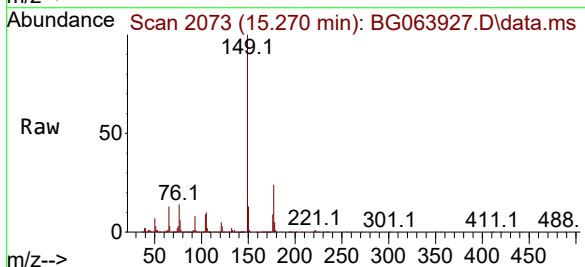
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

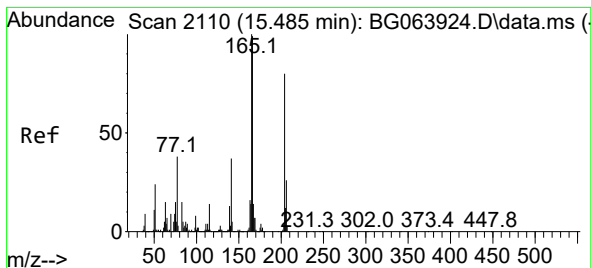
Tgt Ion:232 Resp: 491356  
Ion Ratio Lower Upper  
232 100  
131 33.8 25.8 38.6  
130 1.7 1.5 2.3  
166 26.4 20.2 30.4



#60  
Diethylphthalate  
Concen: 75.493 ng  
RT: 15.270 min Scan# 2073  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:149 Resp: 1705647  
Ion Ratio Lower Upper  
149 100  
177 24.2 19.1 28.7  
150 12.5 9.8 14.8

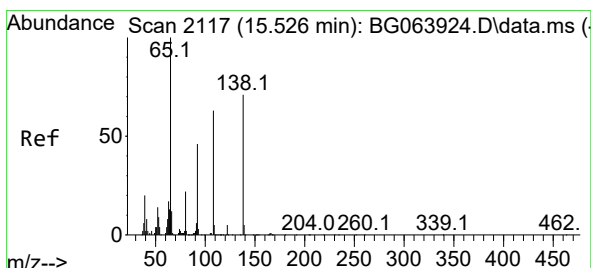
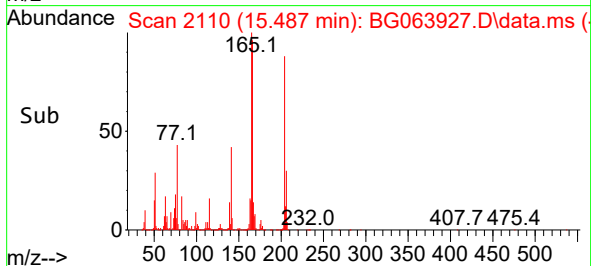
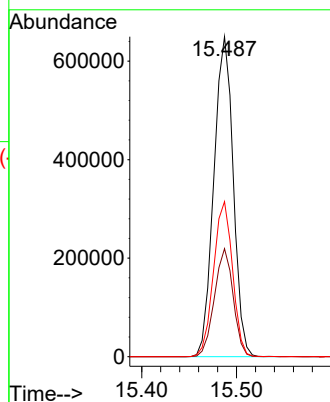
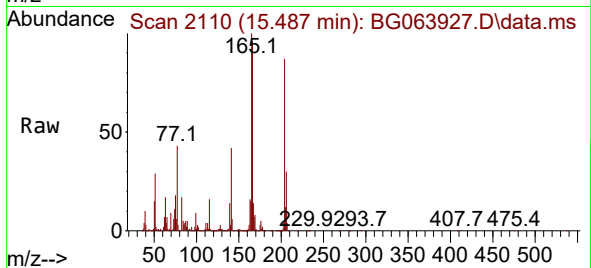




#61  
4-Chlorophenyl-phenylether  
Concen: 73.900 ng  
RT: 15.487 min Scan# 2110  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

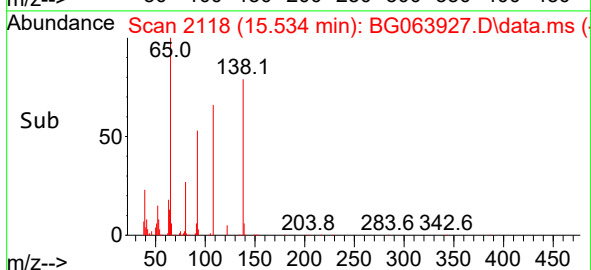
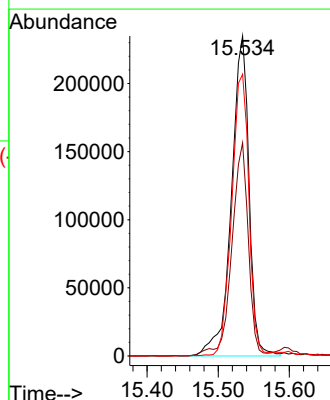
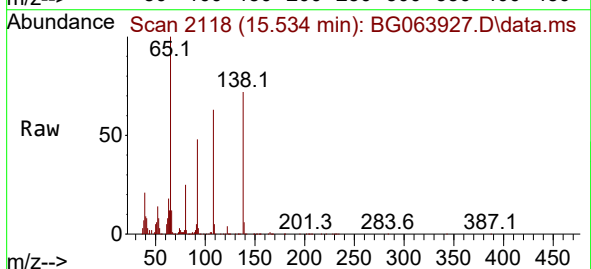
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

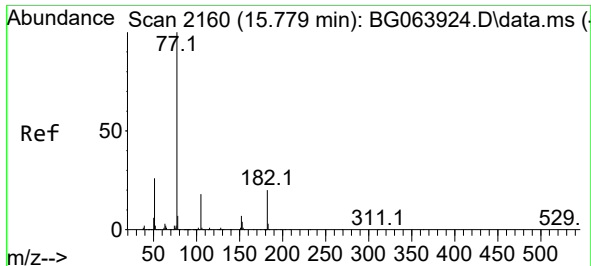
Tgt Ion:204 Resp: 923485  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.3 39.5  
141 48.4 36.6 55.0



#62  
4-Nitroaniline  
Concen: 82.959 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:138 Resp: 403887  
Ion Ratio Lower Upper  
138 100  
92 66.6 43.9 83.9  
108 88.1 68.3 108.3



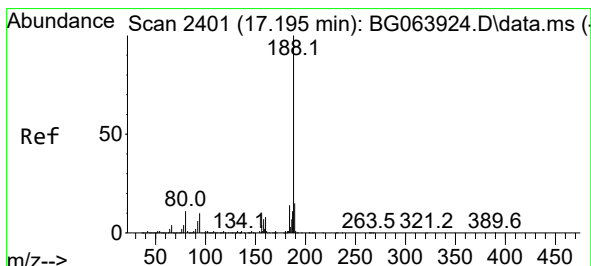
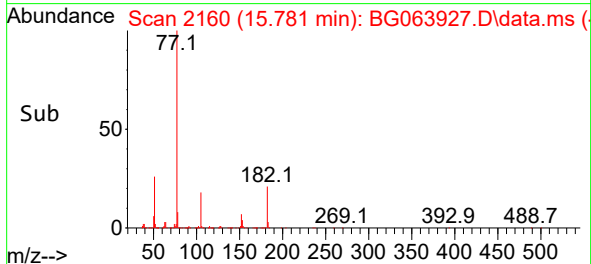
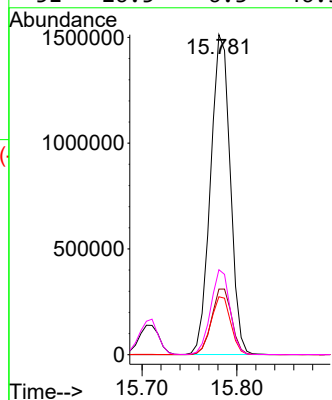
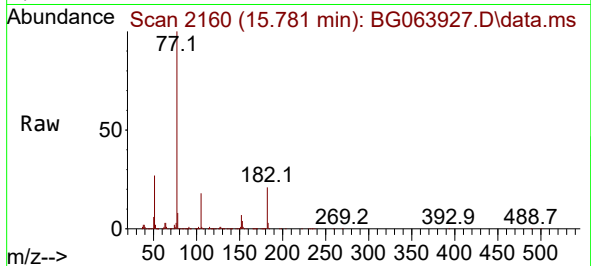


#63  
Azobenzene  
Concen: 75.952 ng  
RT: 15.781 min Scan# 2160  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 77 Resp: 2182367

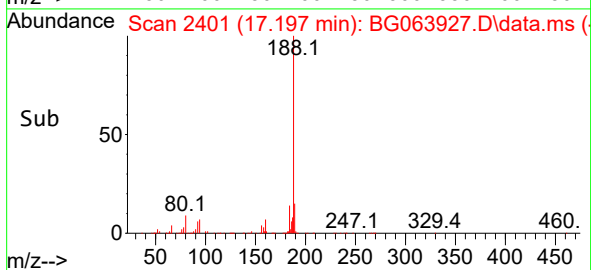
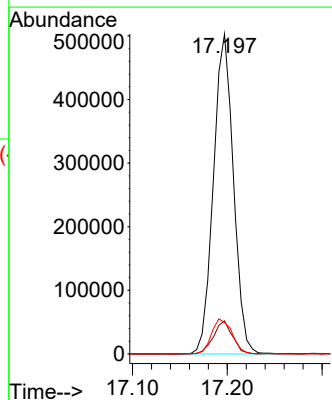
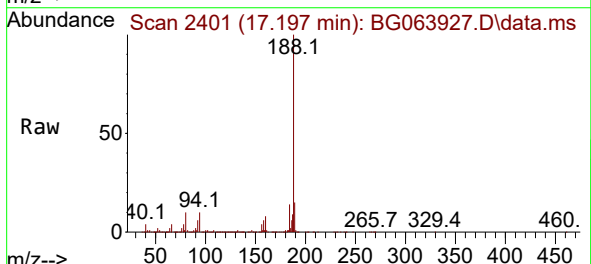
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 20.5  | 0.2   | 40.2  |
| 105 | 18.1  | 0.0   | 37.9  |
| 51  | 26.5  | 6.3   | 46.3  |

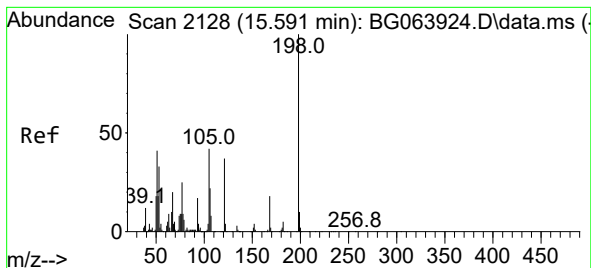


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.197 min Scan# 2401  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion: 188 Resp: 735471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 8.4   | 12.6  |
| 80  | 9.8   | 9.1   | 13.7  |

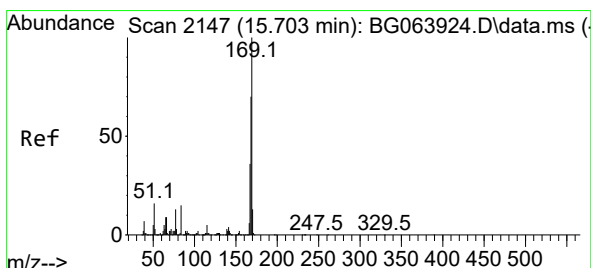
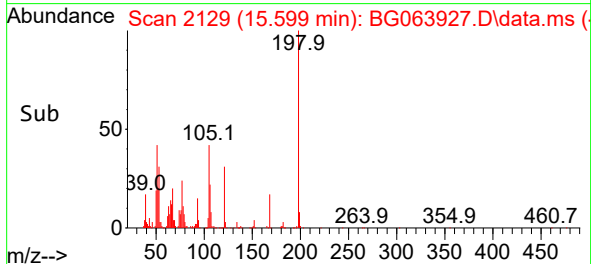
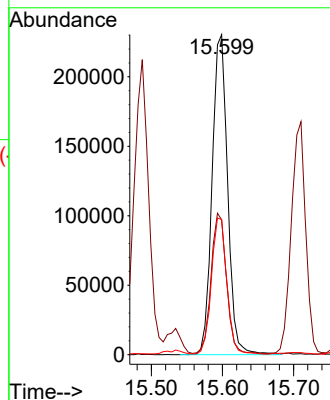
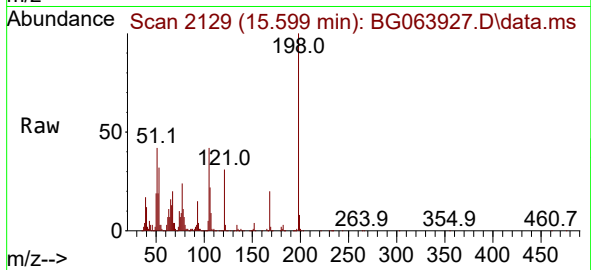




#65  
4,6-Dinitro-2-methylphenol  
Concen: 89.248 ng  
RT: 15.599 min Scan# 2128  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

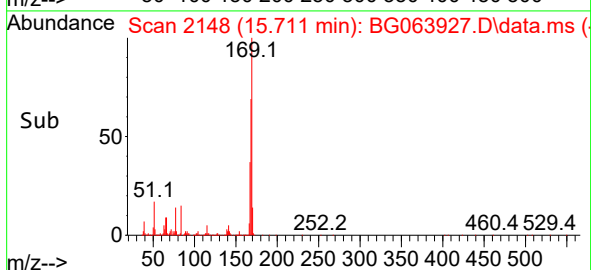
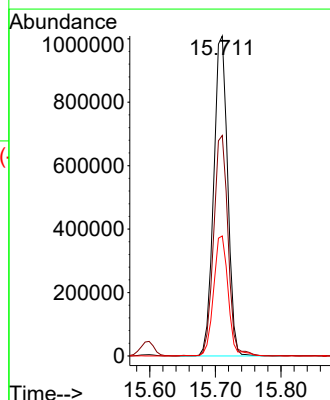
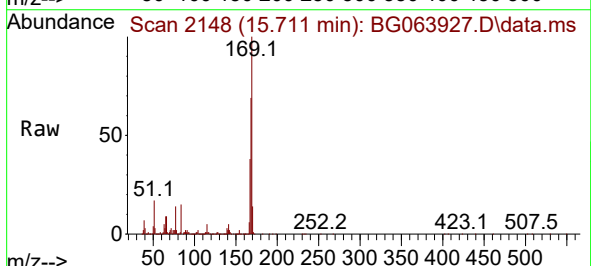
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

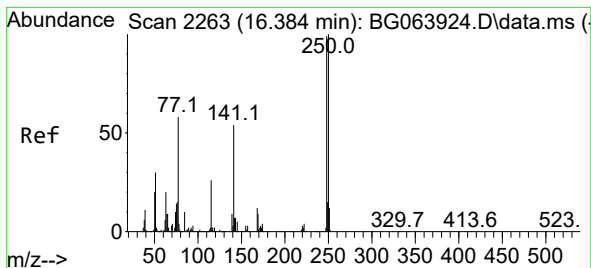
Tgt Ion:198 Resp: 348762  
Ion Ratio Lower Upper  
198 100  
51 42.1 22.5 62.5  
105 42.3 22.2 62.2



#66  
n-Nitrosodiphenylamine  
Concen: 77.486 ng  
RT: 15.711 min Scan# 2148  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:169 Resp: 1487534  
Ion Ratio Lower Upper  
169 100  
168 68.9 56.2 84.2  
167 37.5 29.2 43.8

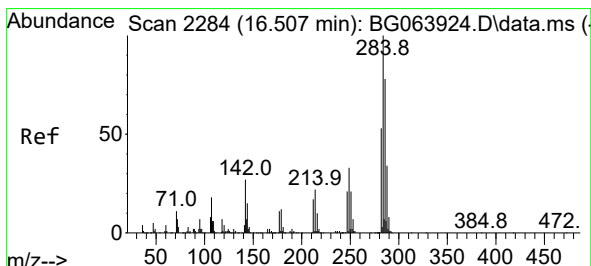
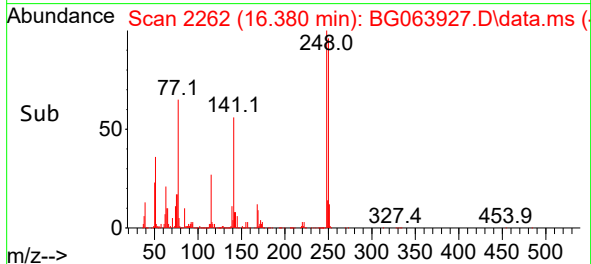
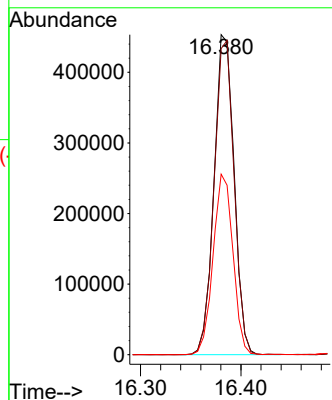
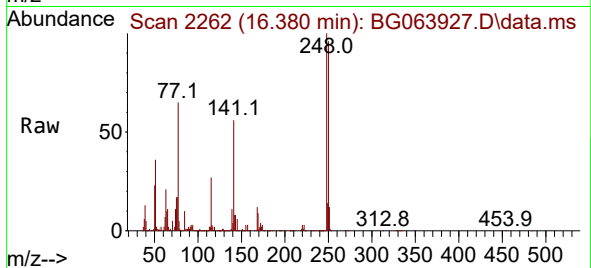




#67  
4-Bromophenyl-phenylether  
Concen: 77.619 ng  
RT: 16.380 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

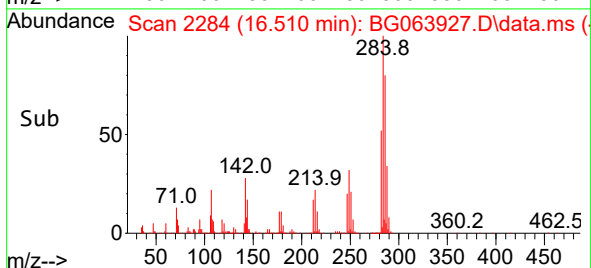
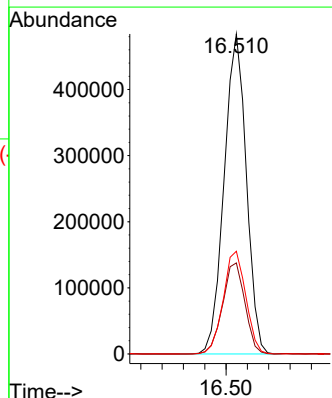
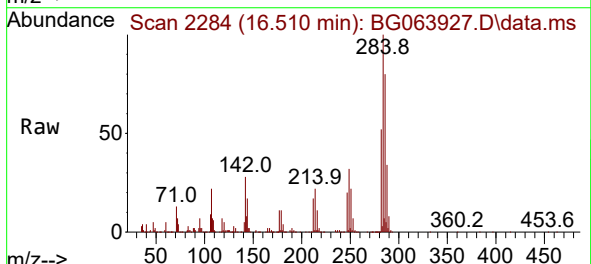
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

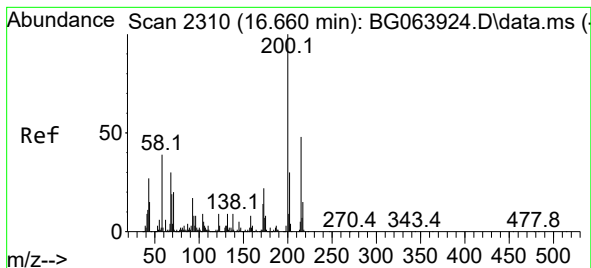
Tgt Ion:248 Resp: 629974  
Ion Ratio Lower Upper  
248 100  
250 95.7 80.7 121.1  
141 56.4 43.3 64.9



#68  
Hexachlorobenzene  
Concen: 75.679 ng  
RT: 16.510 min Scan# 2284  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:284 Resp: 698199  
Ion Ratio Lower Upper  
284 100  
142 28.4 22.0 33.0  
249 32.1 26.2 39.2





#69

Atrazine

Concen: 39.521 ng

RT: 16.656 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

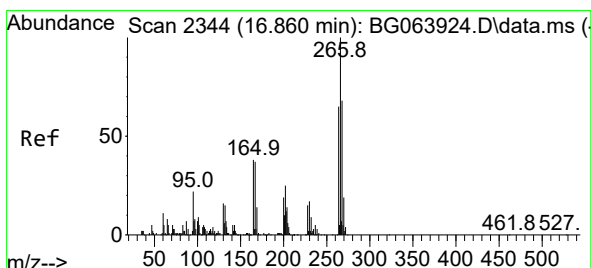
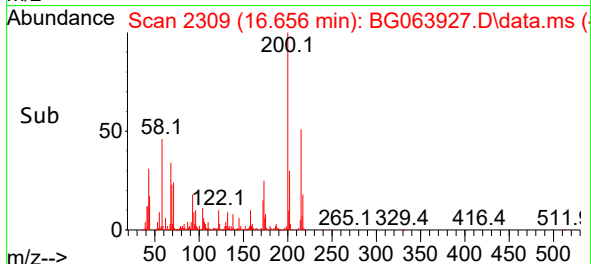
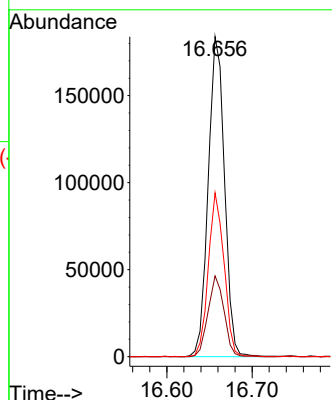
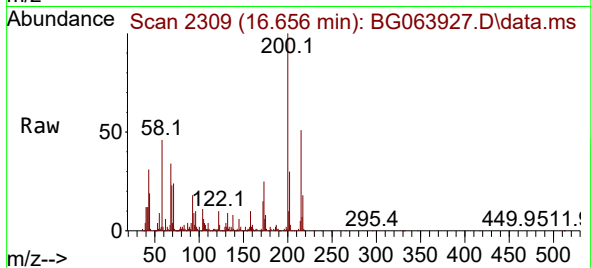
Tgt Ion:200 Resp: 243984

Ion Ratio Lower Upper

200 100

173 25.2 2.4 42.4

215 51.2 27.6 67.6



#70

Pentachlorophenol

Concen: 89.897 ng

RT: 16.856 min Scan# 2343

Delta R.T. -0.004 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

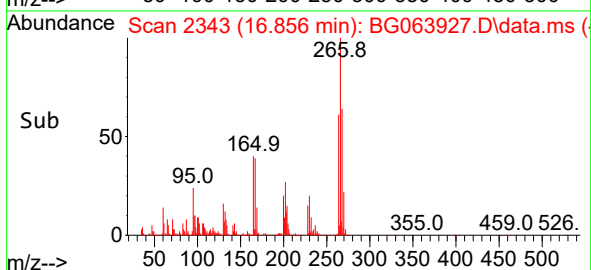
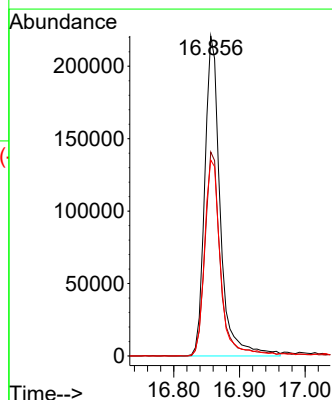
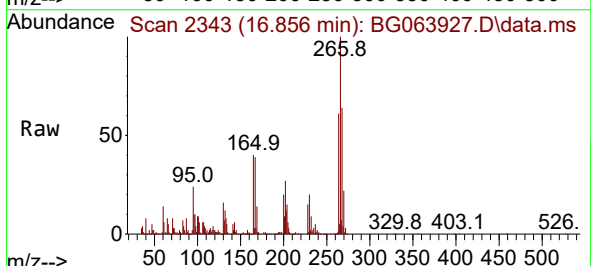
Tgt Ion:266 Resp: 362935

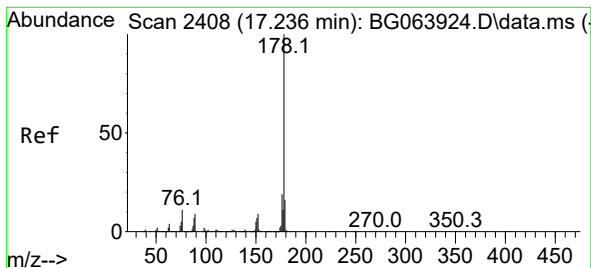
Ion Ratio Lower Upper

266 100

268 63.8 54.5 81.7

264 61.2 52.2 78.4





#71

Phenanthrene

Concen: 73.178 ng

RT: 17.238 min Scan# 2408

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

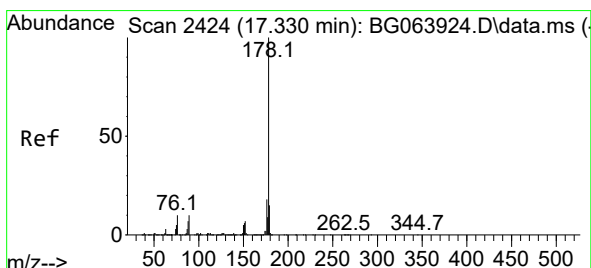
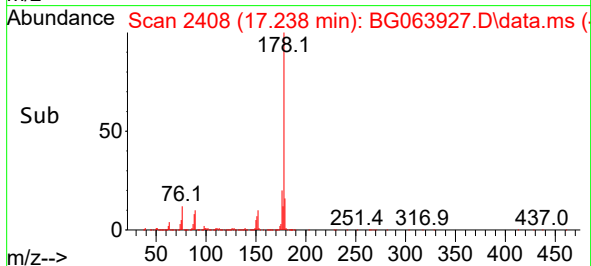
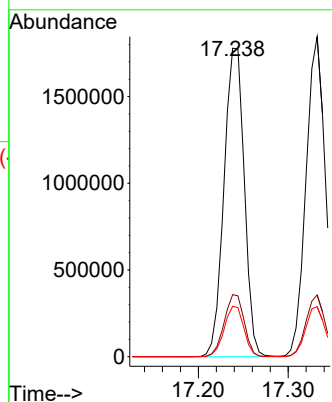
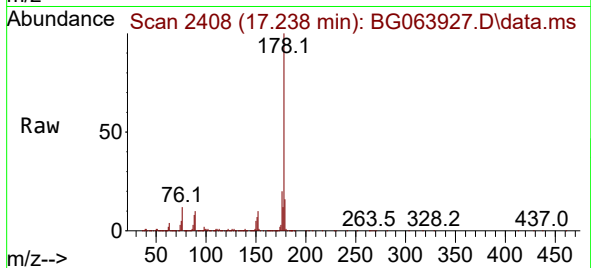
Tgt Ion:178 Resp: 2796521

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.4

179 16.3 12.5 18.7



#72

Anthracene

Concen: 73.352 ng

RT: 17.332 min Scan# 2424

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

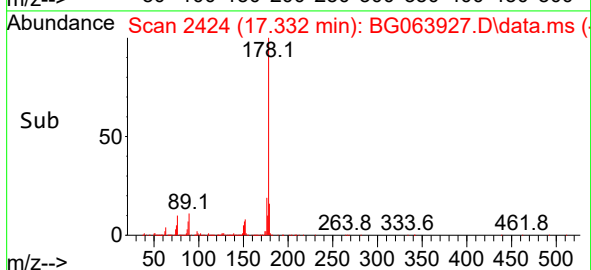
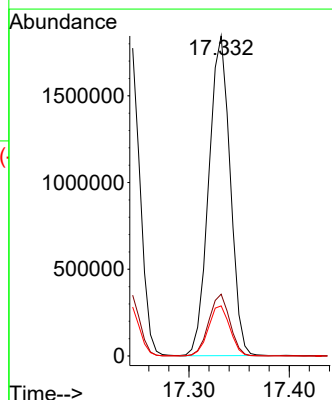
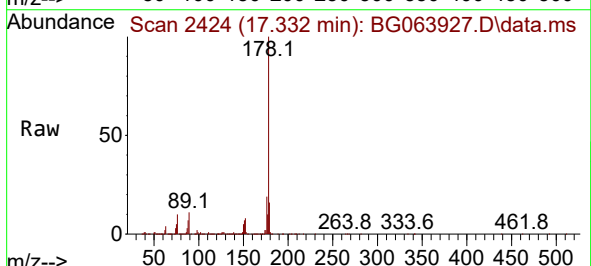
Tgt Ion:178 Resp: 2735443

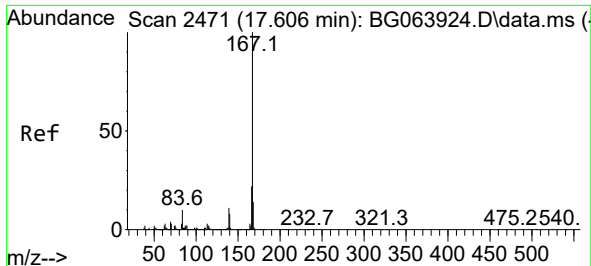
Ion Ratio Lower Upper

178 100

176 19.3 14.5 21.7

179 15.7 12.1 18.1

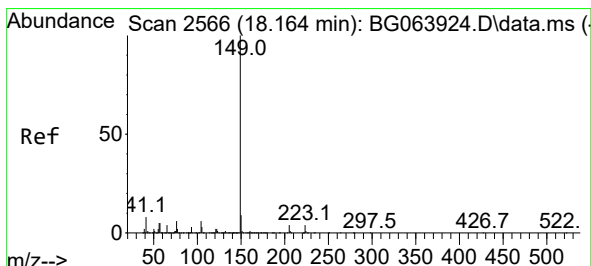
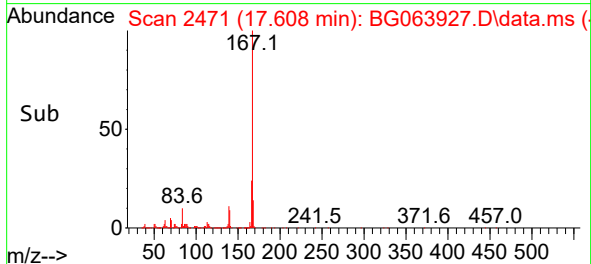
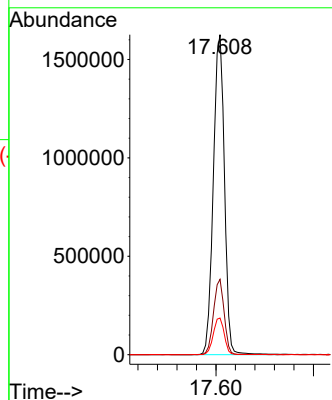
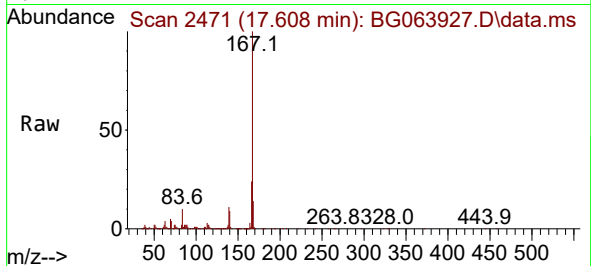




#73  
 Carbazole  
 Concen: 74.497 ng  
 RT: 17.608 min Scan# 2471  
 Delta R.T. 0.002 min  
 Lab File: BG063927.D  
 Acq: 3 Jan 2025 15:33

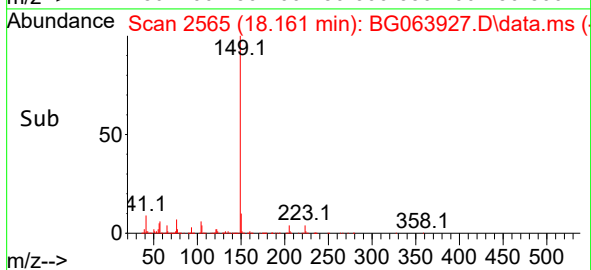
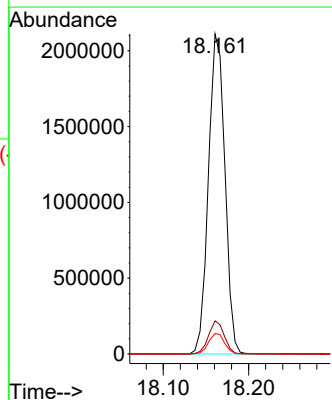
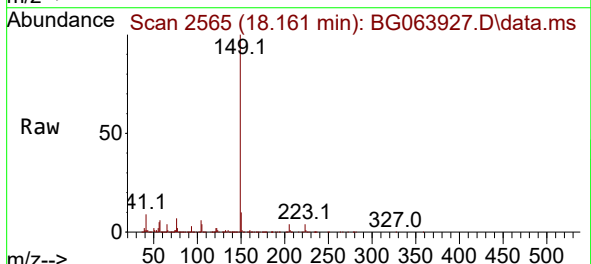
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

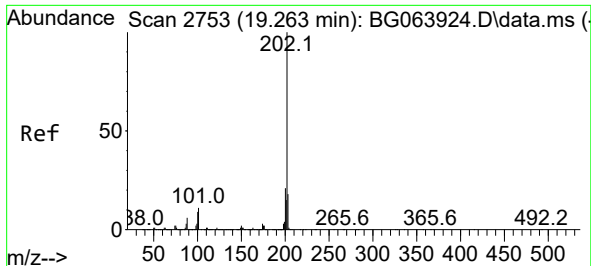
Tgt Ion:167 Resp: 2560009  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 17.4 26.0  
 139 11.5 9.0 13.6



#74  
 Di-n-butylphthalate  
 Concen: 73.989 ng  
 RT: 18.161 min Scan# 2565  
 Delta R.T. -0.004 min  
 Lab File: BG063927.D  
 Acq: 3 Jan 2025 15:33

Tgt Ion:149 Resp: 2827740  
 Ion Ratio Lower Upper  
 149 100  
 150 10.4 7.4 11.0  
 104 6.4 4.9 7.3

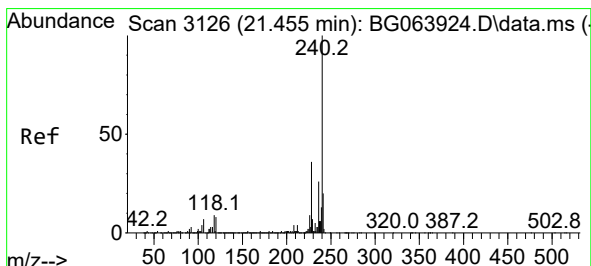
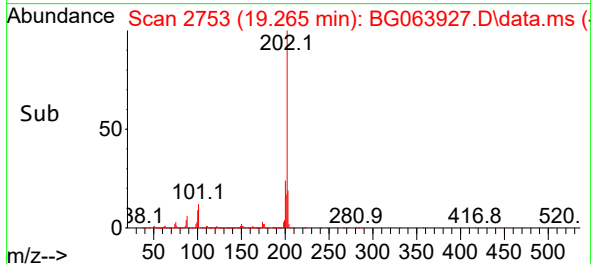
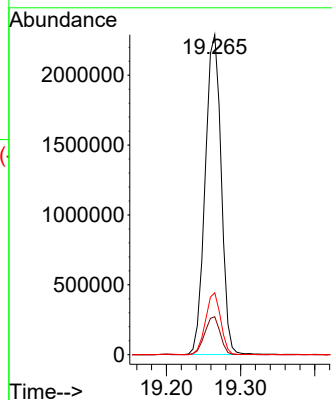
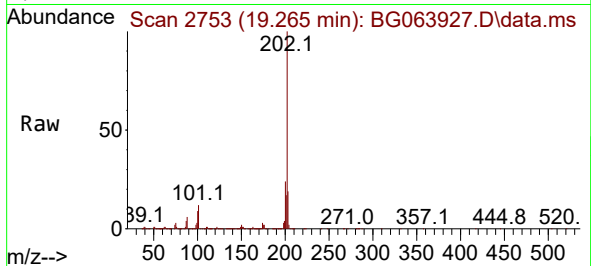




#75  
Fluoranthene  
Concen: 71.057 ng  
RT: 19.265 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

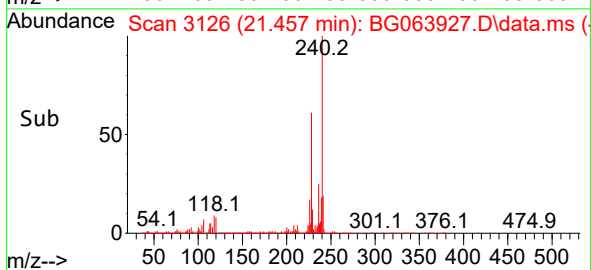
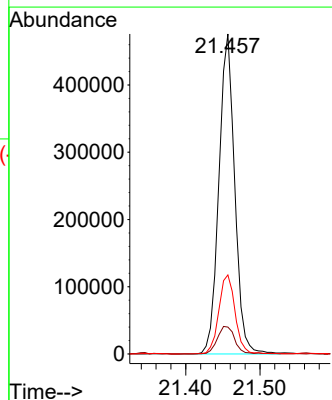
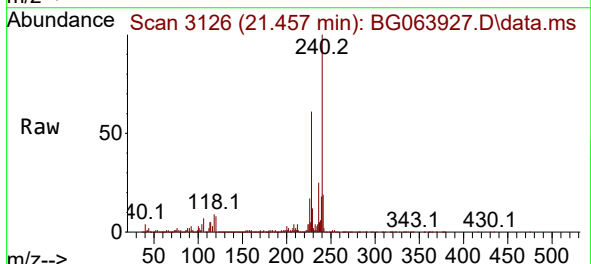
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

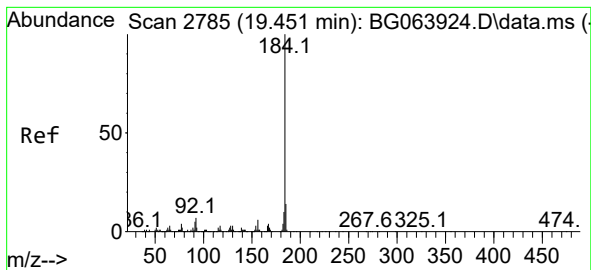
Tgt Ion:202 Resp: 3434404  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 31.1  
203 19.4 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:240 Resp: 705111  
Ion Ratio Lower Upper  
240 100  
120 8.4 6.7 10.1  
236 24.7 21.2 31.8





#77

Benzidine

Concen: 110.799 ng

RT: 19.453 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

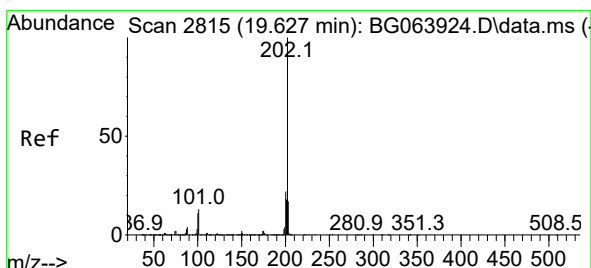
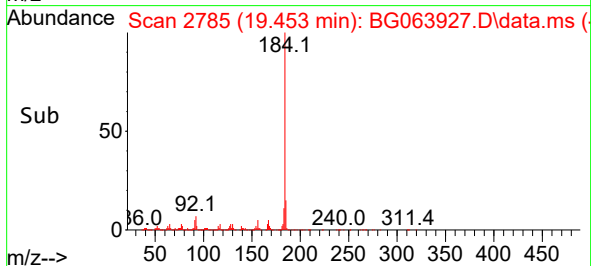
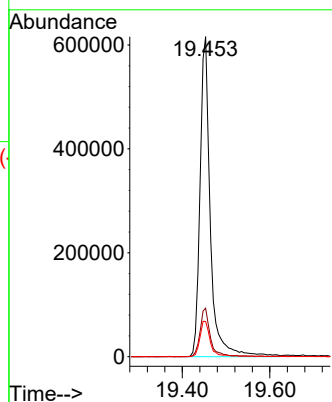
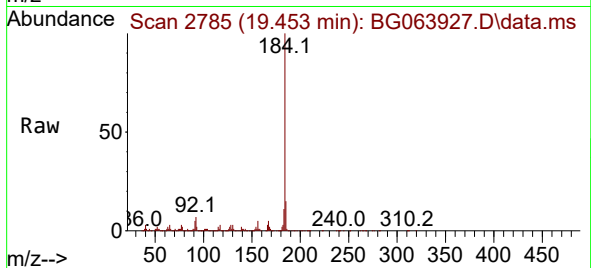
Tgt Ion:184 Resp: 1007537

Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.2

183 11.0 8.4 12.6



#78

Pyrene

Concen: 73.513 ng

RT: 19.629 min Scan# 2815

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

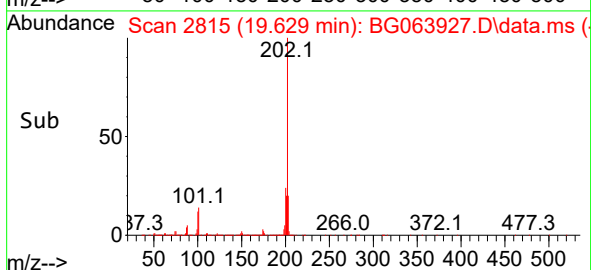
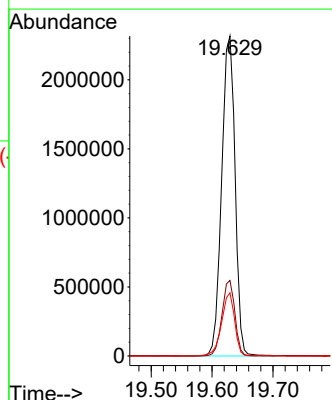
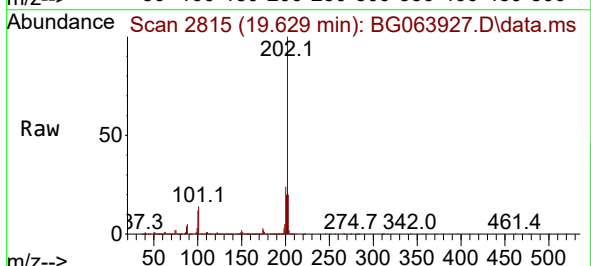
Tgt Ion:202 Resp: 3540874

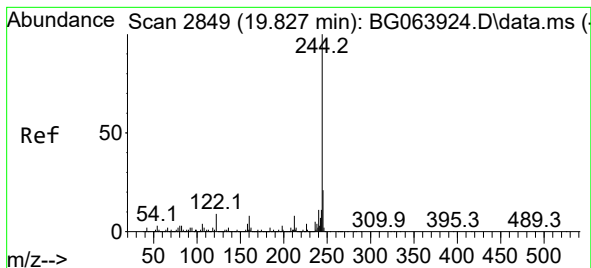
Ion Ratio Lower Upper

202 100

200 23.6 17.3 25.9

203 19.7 13.9 20.9





#79

Terphenyl-d14

Concen: 132.731 ng

RT: 19.829 min Scan# 2849

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

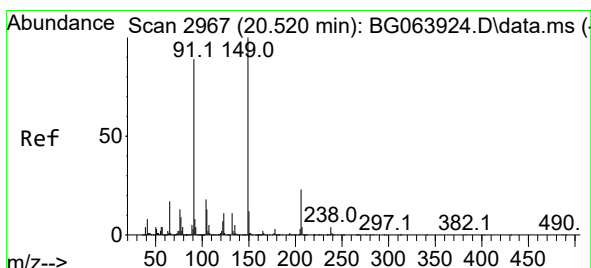
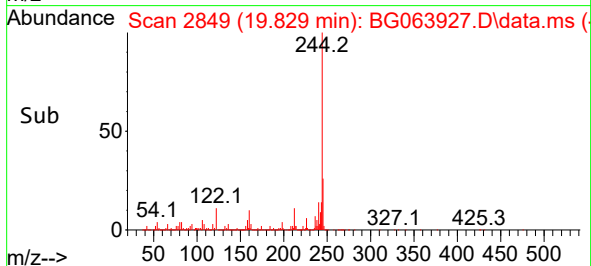
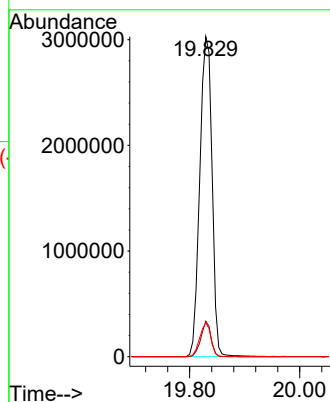
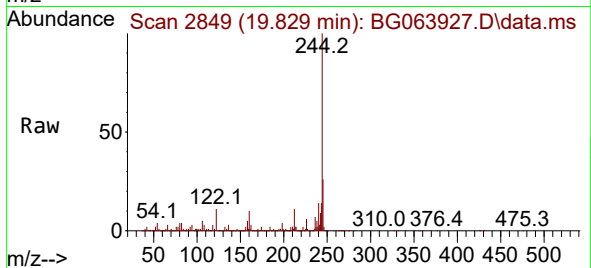
Tgt Ion:244 Resp: 4693037

Ion Ratio Lower Upper

244 100

212 11.1 6.7 10.1#

122 10.6 7.4 11.0



#80

Butylbenzylphthalate

Concen: 85.771 ng

RT: 20.523 min Scan# 2967

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

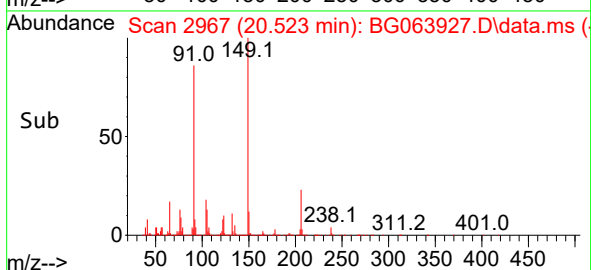
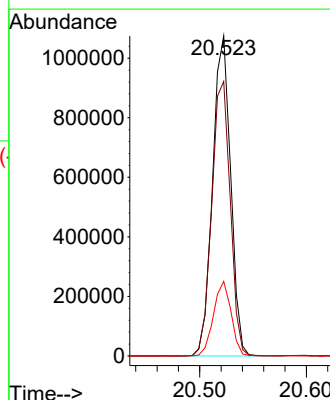
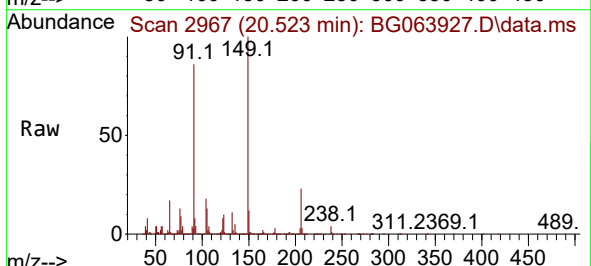
Tgt Ion:149 Resp: 1262473

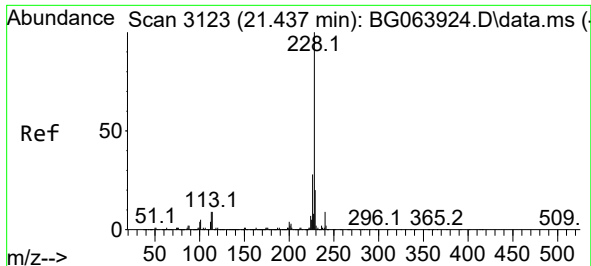
Ion Ratio Lower Upper

149 100

91 85.8 71.4 107.0

206 23.3 18.7 28.1

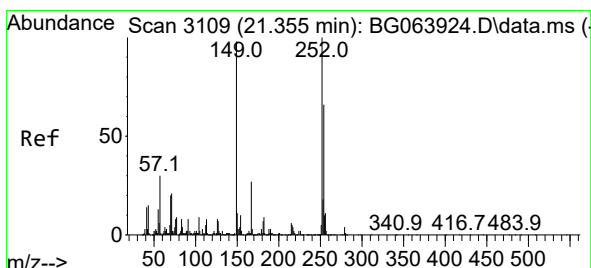
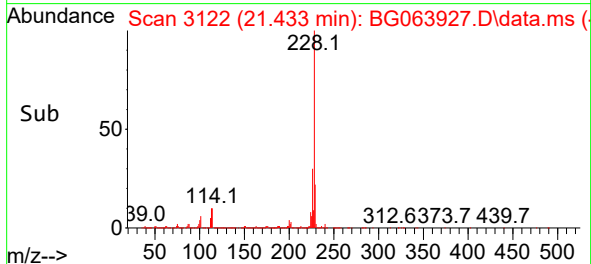
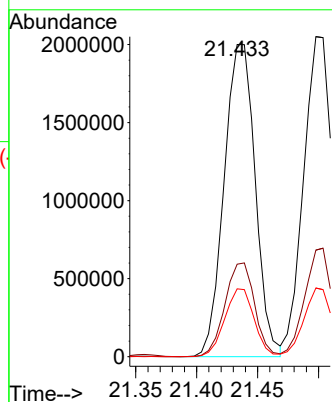
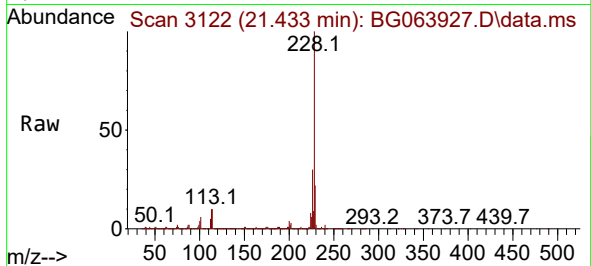




#81  
Benzo(a)anthracene  
Concen: 75.698 ng  
RT: 21.433 min Scan# 3123  
Delta R.T. -0.004 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

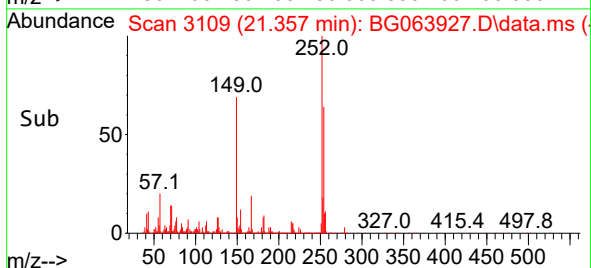
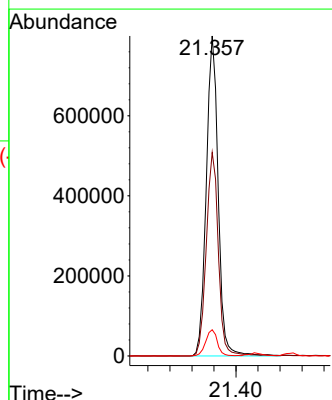
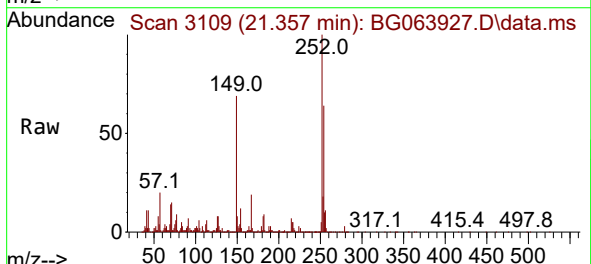
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

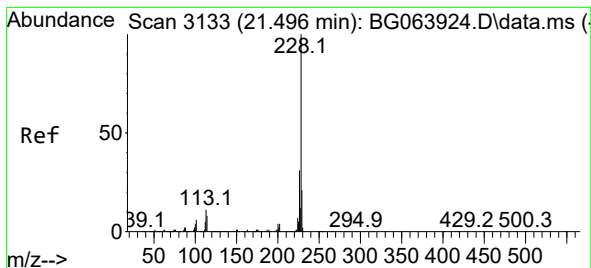
Tgt Ion:228 Resp: 3560541  
Ion Ratio Lower Upper  
228 100  
226 29.6 22.2 33.2  
229 21.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 82.920 ng  
RT: 21.357 min Scan# 3109  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:252 Resp: 1197556  
Ion Ratio Lower Upper  
252 100  
254 63.6 52.6 78.8  
126 8.2 6.2 9.2





#83

Chrysene

Concen: 74.796 ng

RT: 21.498 min Scan# 3133

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

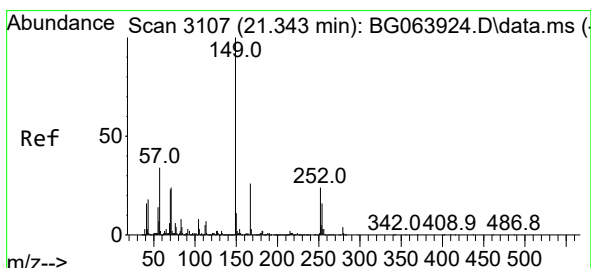
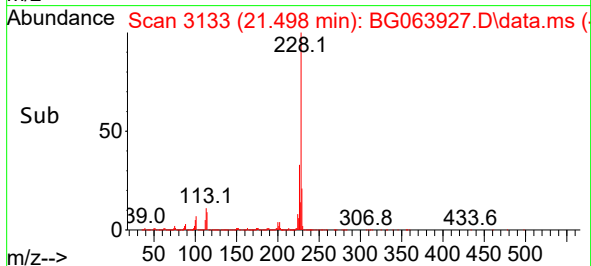
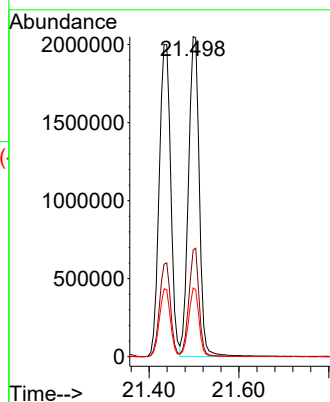
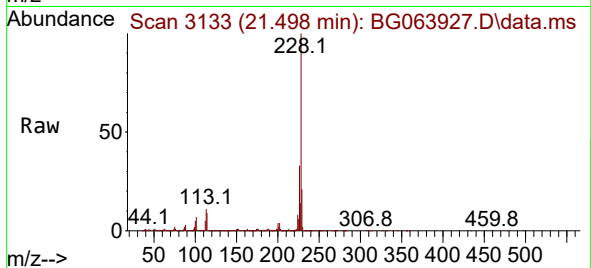
Tgt Ion:228 Resp: 3430670

Ion Ratio Lower Upper

228 100

226 33.3 24.6 37.0

229 21.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.722 ng

RT: 21.345 min Scan# 3107

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

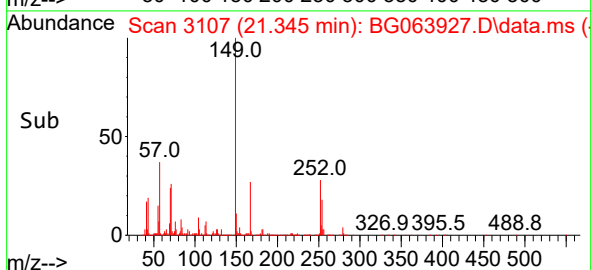
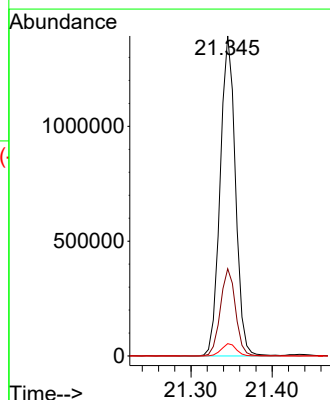
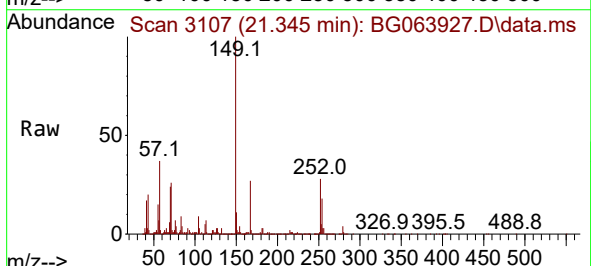
Tgt Ion:149 Resp: 1822567

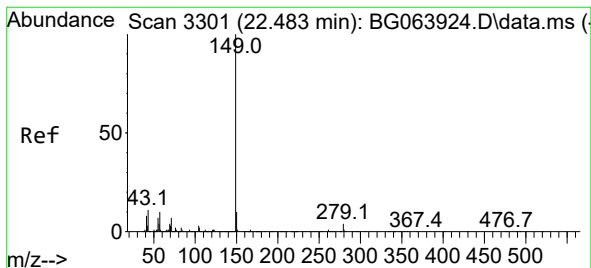
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 82.503 ng

RT: 22.485 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

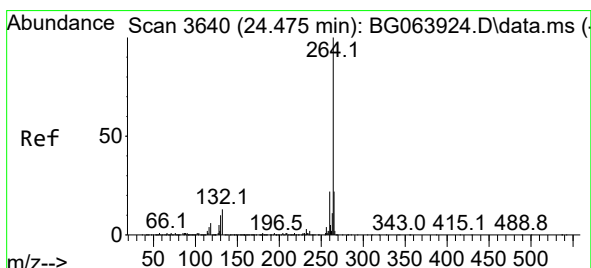
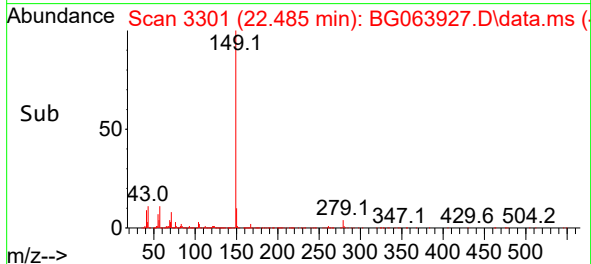
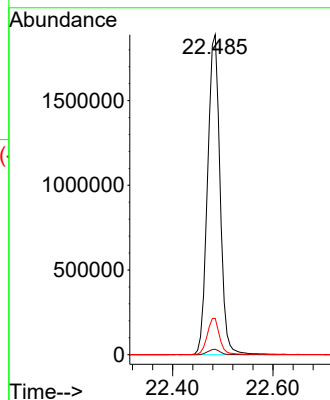
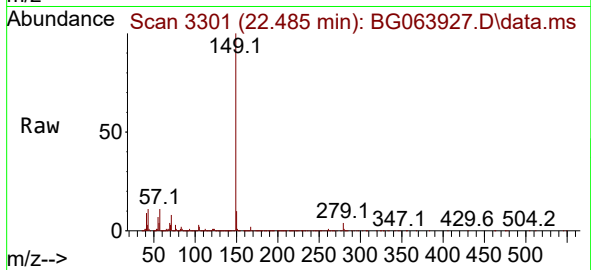
Tgt Ion:149 Resp: 3258173

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3639

Delta R.T. -0.004 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

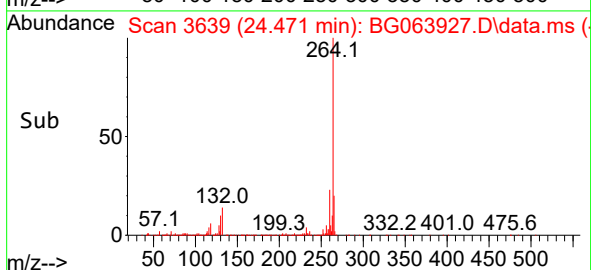
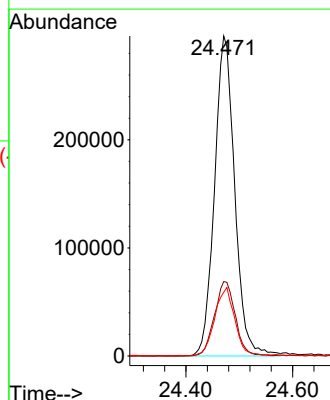
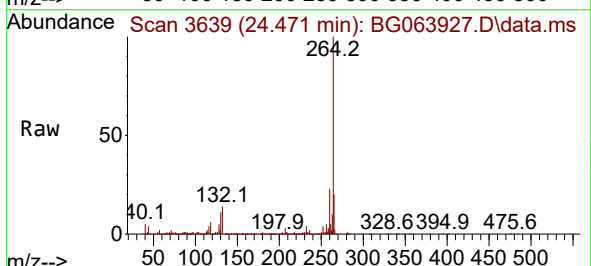
Tgt Ion:264 Resp: 778100

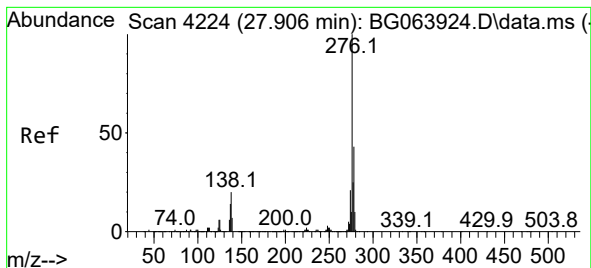
Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 19.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 81.441 ng

RT: 27.914 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

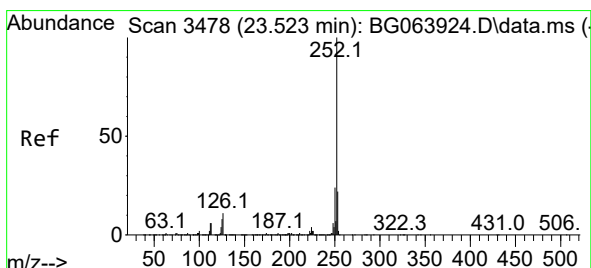
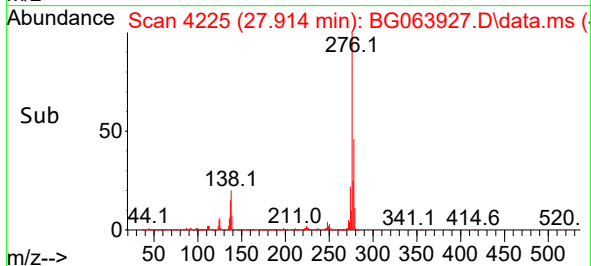
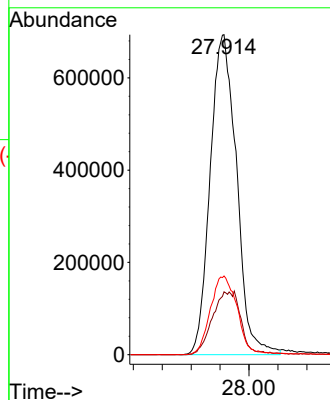
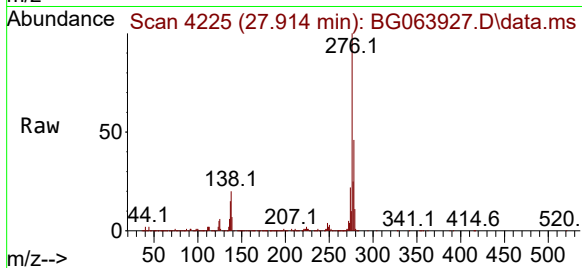
Tgt Ion:276 Resp: 4381377

Ion Ratio Lower Upper

276 100

138 0.0 17.4 26.2#

277 25.1 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 77.390 ng

RT: 23.525 min Scan# 3478

Delta R.T. 0.002 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

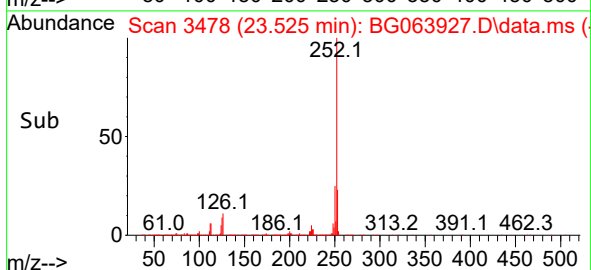
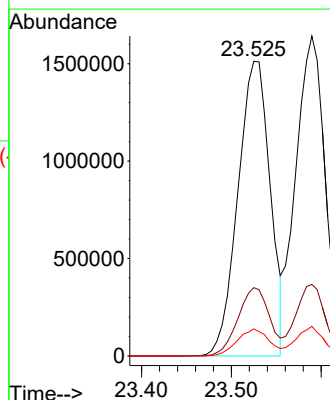
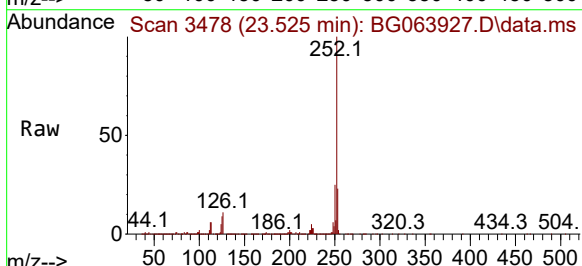
Tgt Ion:252 Resp: 3770841

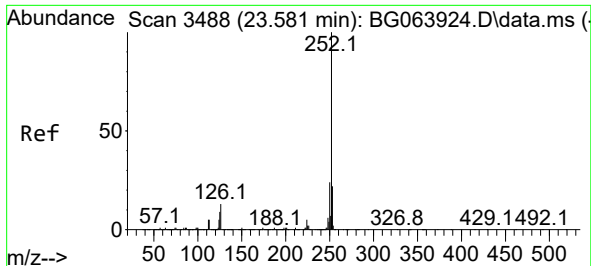
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 9.2 6.6 9.8

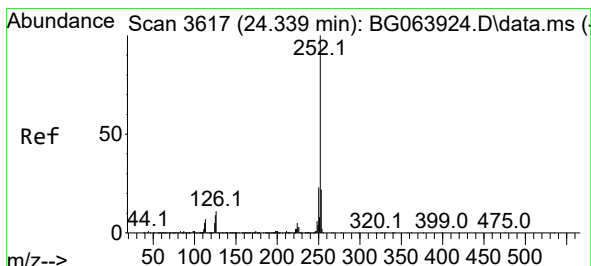
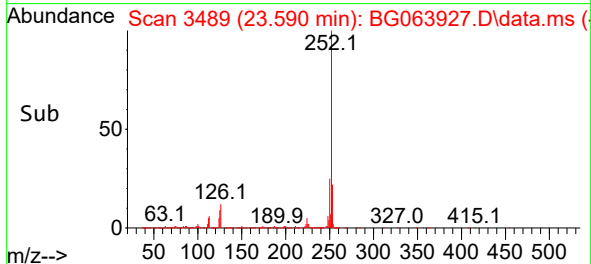
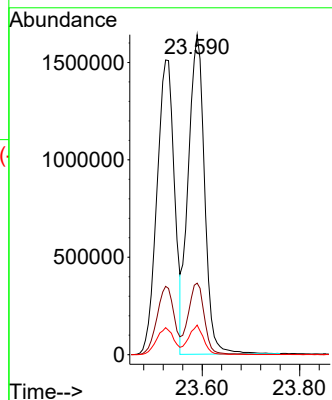
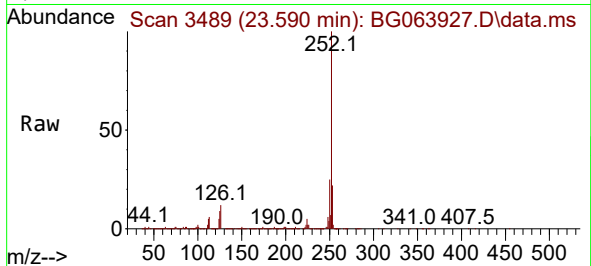




#89  
Benzo(k)fluoranthene  
Concen: 77.910 ng  
RT: 23.590 min Scan# 3488  
Delta R.T. 0.008 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

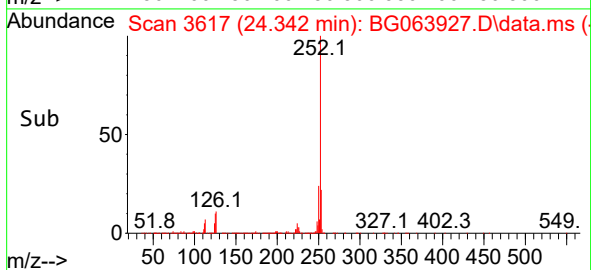
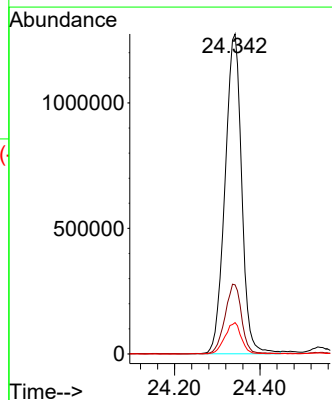
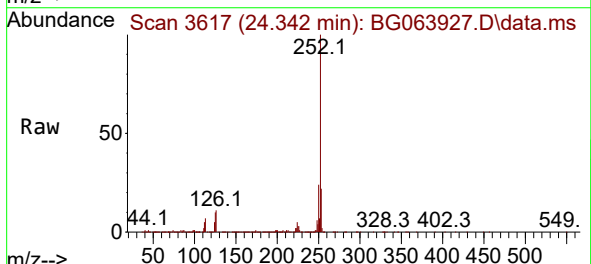
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

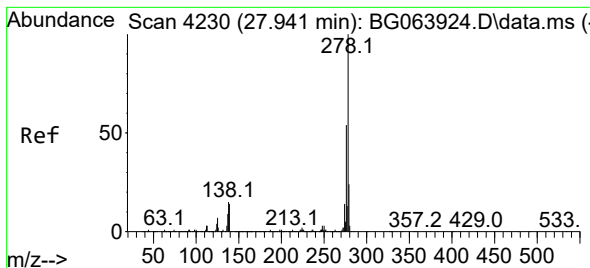
Tgt Ion:252 Resp: 3808718  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 9.3 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 80.072 ng  
RT: 24.342 min Scan# 3617  
Delta R.T. 0.002 min  
Lab File: BG063927.D  
Acq: 3 Jan 2025 15:33

Tgt Ion:252 Resp: 3451537  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 9.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 80.397 ng

RT: 27.955 min Scan# 41

Delta R.T. 0.014 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

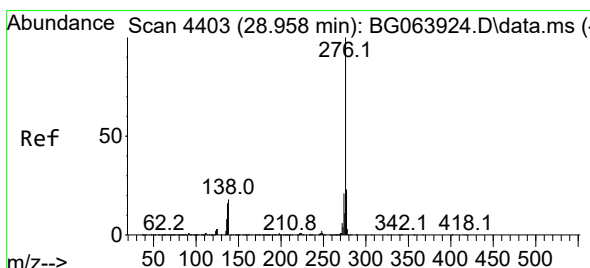
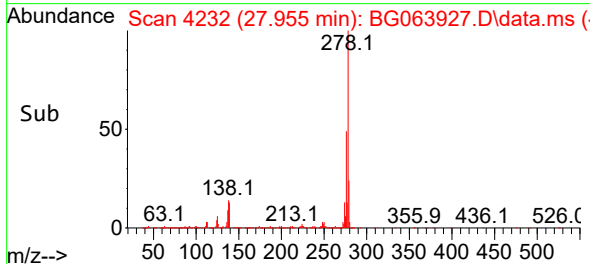
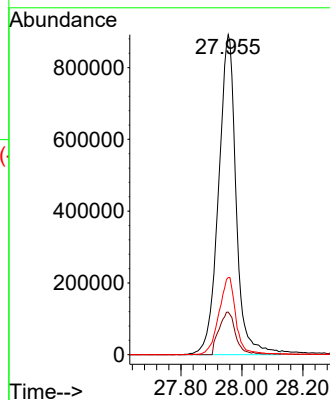
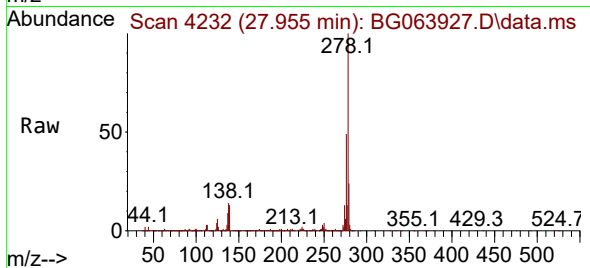
Tgt Ion:278 Resp: 3566324

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 24.1 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 81.288 ng

RT: 28.977 min Scan# 4406

Delta R.T. 0.020 min

Lab File: BG063927.D

Acq: 3 Jan 2025 15:33

Tgt Ion:276 Resp: 3700278

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 17.5 14.4 21.6

