

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040824\  
 Data File : BG060830.D  
 Acq On : 8 Apr 2024 17:54  
 Operator : MA/JU  
 Sample : PB160030BSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 08 18:53:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.947  | 152  | 58997    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.744 | 136  | 243786   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.581 | 164  | 194964   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.325 | 188  | 470748   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.590 | 240  | 433148   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.722 | 264  | 484134   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.533  | 112  | 473588   | 133.726 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.113  | 99   | 650160   | 123.677 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.105  | 82   | 431369   | 100.968 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.067 | 330  | 373320   | 168.682 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.206 | 172  | 1102686  | 83.007  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.951 | 244  | 2053565  | 83.482  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.453  | 88   | 47736    | 32.877  | ng    | 91       |
| 3) Pyridine                   | 3.840  | 79   | 126311   | 28.840  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.752  | 42   | 112777   | 43.078  | ng    | 93       |
| 6) Aniline                    | 7.272  | 93   | 104982   | 15.814  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.513  | 128  | 187324   | 46.656  | ng    | 93       |
| 9) Benzaldehyde               | 7.084  | 77   | 14710    | 5.075   | ng    | 93       |
| 10) Phenol                    | 7.142  | 94   | 239478   | 44.637  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.372  | 93   | 160240   | 36.994  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.836  | 146  | 183250   | 43.890  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.983  | 146  | 189107   | 44.395  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.300  | 146  | 187427   | 44.899  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.182  | 79   | 186186   | 43.724  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.470  | 45   | 408283   | 41.767  | ng    | 100      |
| 17) 2-Methylphenol            | 8.388  | 107  | 173915   | 42.941  | ng    | 98       |
| 18) Hexachloroethane          | 9.028  | 117  | 67320    | 44.498  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.752  | 70   | 157008   | 39.165  | ng    | # 99     |
| 20) 3+4-Methylphenols         | 8.717  | 107  | 239225   | 43.134  | ng    | 93       |
| 22) Acetophenone              | 8.764  | 105  | 298084   | 44.344  | ng    | 98       |
| 24) Nitrobenzene              | 9.146  | 77   | 222322   | 46.822  | ng    | 96       |
| 25) Isophorone                | 9.669  | 82   | 426821   | 43.375  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.857  | 139  | 94953    | 55.283  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.922  | 122  | 156400   | 39.566  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.157 | 93   | 243051   | 41.836  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.392 | 162  | 193976   | 53.439  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.609 | 180  | 195692   | 47.611  | ng    | 99       |
| 31) Naphthalene               | 10.797 | 128  | 573518   | 43.490  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 143601   | 53.662  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.897 | 127  | 85986    | 14.038  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.085 | 225  | 137131   | 50.060  | ng    | 95       |
| 35) Caprolactam               | 11.672 | 113  | 40033    | 27.846  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.025 | 107  | 227642   | 49.092  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.407 | 142  | 409285   | 42.215  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.624 | 142  | 392915   | 42.899  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.771 | 216  | 263053   | 46.932  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.754 | 237  | 297227   | 104.290 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.006 | 196  | 186069   | 51.555  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040824\  
 Data File : BG060830.D  
 Acq On : 8 Apr 2024 17:54  
 Operator : MA/JU  
 Sample : PB160030BSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 08 18:53:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

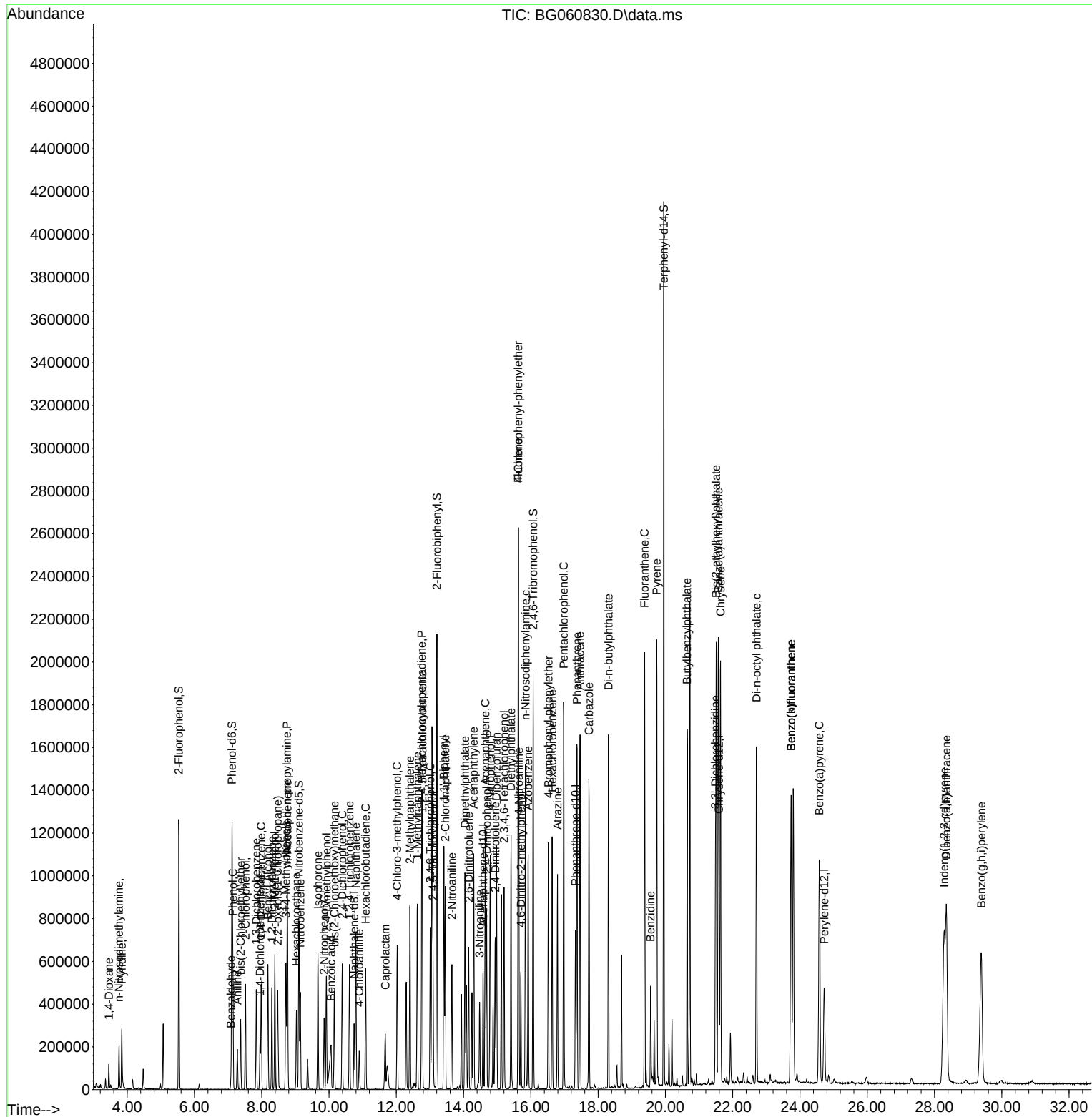
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.088 | 196  | 207920   | 48.274  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.412 | 154  | 589267   | 42.790  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.453 | 162  | 464934   | 44.437  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.652 | 65   | 171611   | 50.189  | ng    | 98       |
| 49) Acenaphthylene            | 14.299 | 152  | 792220   | 45.063  | ng    | 99       |
| 50) Dimethylphthalate         | 14.040 | 163  | 661823   | 42.947  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.152 | 165  | 137340   | 49.648  | ng    | 93       |
| 52) Acenaphthene              | 14.645 | 154  | 452303   | 40.977  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.475 | 138  | 88498    | 30.353  | ng #  | 97       |
| 54) 2,4-Dinitrophenol         | 14.687 | 184  | 174559   | 162.738 | ng    | 89       |
| 55) Dibenzofuran              | 14.980 | 168  | 754748   | 43.350  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.792 | 139  | 248486   | 110.301 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.939 | 165  | 196889   | 54.086  | ng    | 90       |
| 58) Fluorene                  | 15.627 | 166  | 612992   | 43.869  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.204 | 232  | 200294   | 53.361  | ng    | 97       |
| 60) Diethylphthalate          | 15.409 | 149  | 657352   | 42.400  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.627 | 204  | 331473   | 44.839  | ng    | 93       |
| 62) 4-Nitroaniline            | 15.644 | 138  | 143963   | 51.097  | ng    | 97       |
| 63) Azobenzene                | 15.920 | 77   | 621371   | 41.130  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.703 | 198  | 115446   | 57.751  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.838 | 169  | 576228   | 42.835  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.520 | 248  | 233879   | 48.955  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.631 | 284  | 266206   | 49.360  | ng    | 98       |
| 69) Atrazine                  | 16.790 | 200  | 178589   | 37.964  | ng    | 98       |
| 70) Pentachlorophenol         | 16.978 | 266  | 353586   | 100.478 | ng    | 96       |
| 71) Phenanthrene              | 17.372 | 178  | 1053960  | 43.049  | ng    | 100      |
| 72) Anthracene                | 17.460 | 178  | 1071161  | 43.081  | ng    | 99       |
| 73) Carbazole                 | 17.724 | 167  | 948497   | 43.267  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.306 | 149  | 1121169  | 41.023  | ng    | 99       |
| 75) Fluoranthene              | 19.381 | 202  | 1292638  | 43.511  | ng    | 97       |
| 77) Benzidine                 | 19.557 | 184  | 373924   | 32.784  | ng    | 98       |
| 78) Pyrene                    | 19.739 | 202  | 1333386  | 44.016  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.644 | 149  | 491771   | 44.502  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.573 | 228  | 1360152  | 44.548  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.484 | 252  | 372361   | 36.119  | ng    | 98       |
| 83) Chrysene                  | 21.637 | 228  | 1283262  | 43.606  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.508 | 149  | 723043   | 41.051  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.707 | 149  | 1255295  | 43.748  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.282 | 276  | 1638835  | 48.070  | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 23.735 | 252  | 1328366  | 47.760  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.735 | 252  | 1328366  | 46.662  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.575 | 252  | 1227137  | 45.400  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.347 | 278  | 1371167  | 47.710  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.387 | 276  | 1285042  | 45.965  | ng    | 98       |

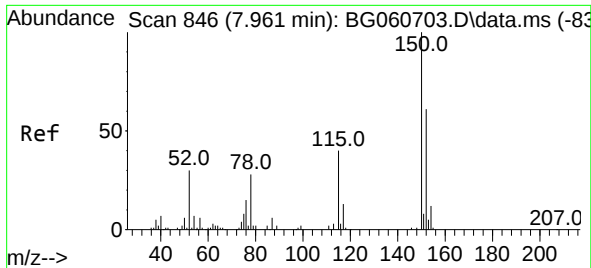
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040824\  
Data File : BG060830.D  
Acq On : 8 Apr 2024 17:54  
Operator : MA/JU  
Sample : PB160030BSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

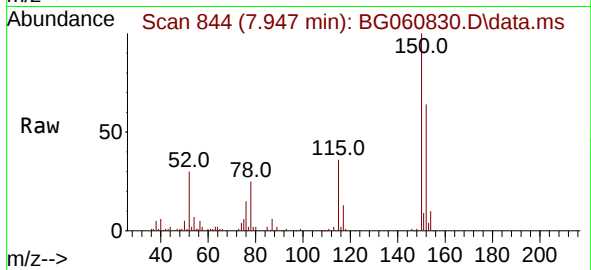
Quant Time: Apr 08 18:53:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 30 03:12:26 2024  
Response via : Initial Calibration



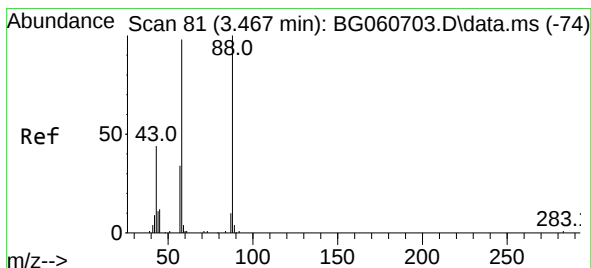
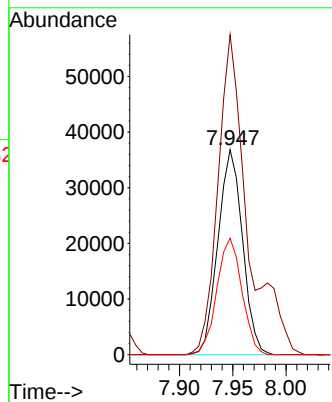
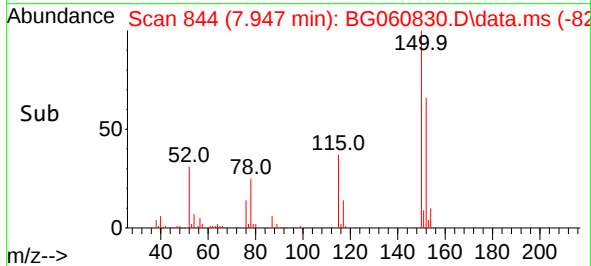


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.947 min Scan# 84  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

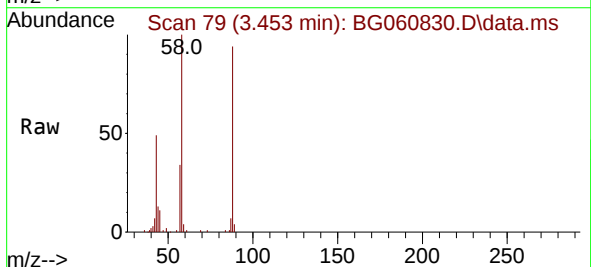
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BNA\_G  
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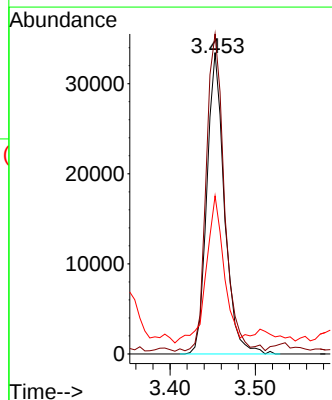
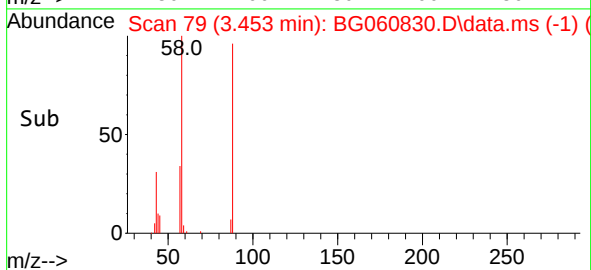
Tgt Ion:152 Resp: 58997  
Ion Ratio Lower Upper  
152 100  
150 156.2 130.2 195.4  
115 56.9 51.6 77.4

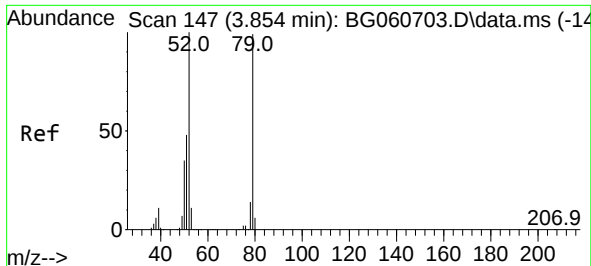


#2  
1,4-Dioxane  
Concen: 32.877 ng  
RT: 3.453 min Scan# 79  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54



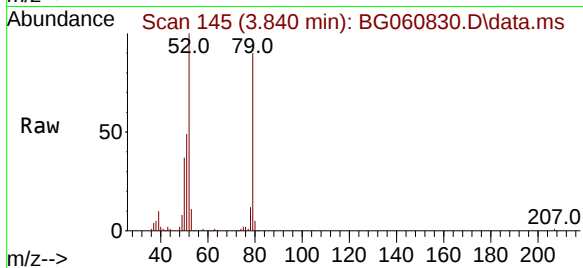
Tgt Ion: 88 Resp: 47736  
Ion Ratio Lower Upper  
88 100  
58 109.2 80.9 121.3  
43 50.4 35.4 53.0



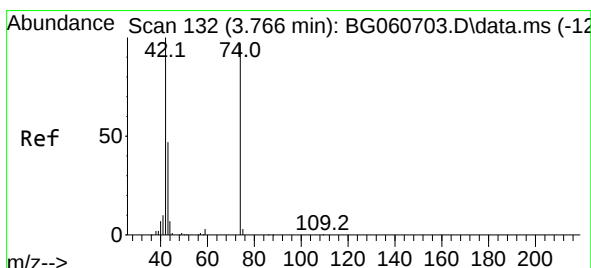
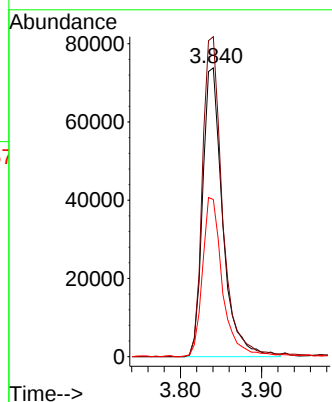
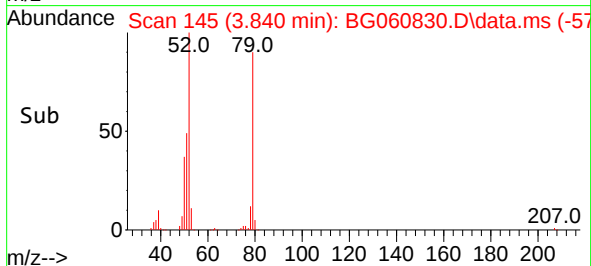


#3  
Pyridine  
Concen: 28.840 ng  
RT: 3.840 min Scan# 14  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

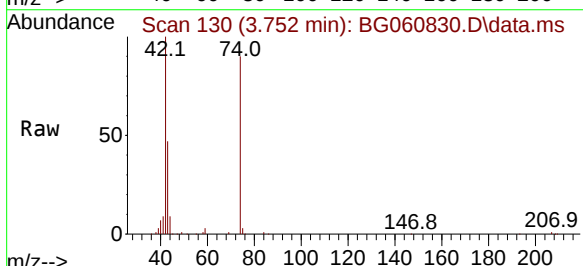
Instrument :  
BNA\_G  
ClientSampleId :



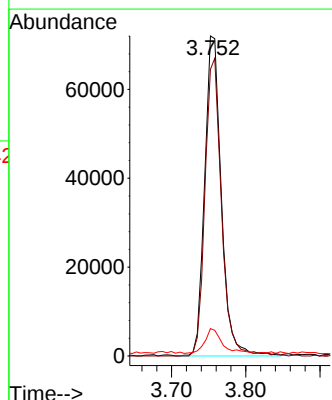
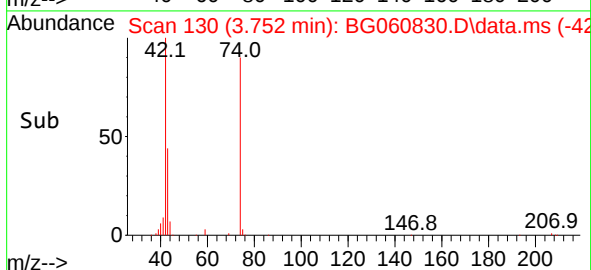
Tgt Ion: 79 Resp: 126311  
Ion Ratio Lower Upper  
79 100  
52 110.8 80.6 120.8  
51 54.4 39.1 58.7

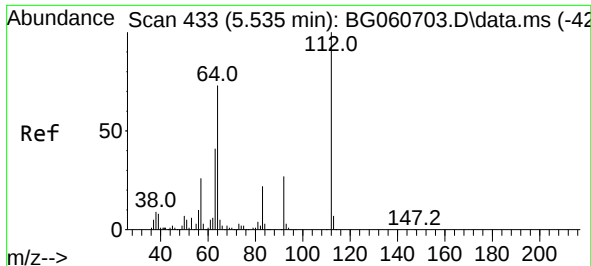


#4  
n-Nitrosodimethylamine  
Concen: 43.078 ng  
RT: 3.752 min Scan# 130  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54



Tgt Ion: 42 Resp: 112777  
Ion Ratio Lower Upper  
42 100  
74 89.5 77.8 116.8  
44 8.5 6.8 10.2

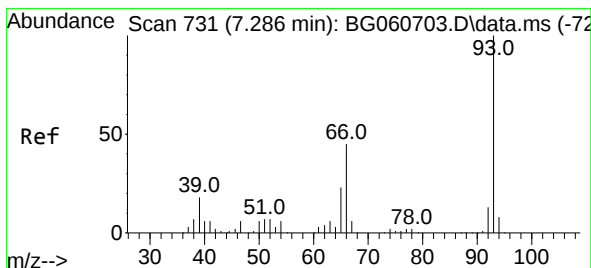
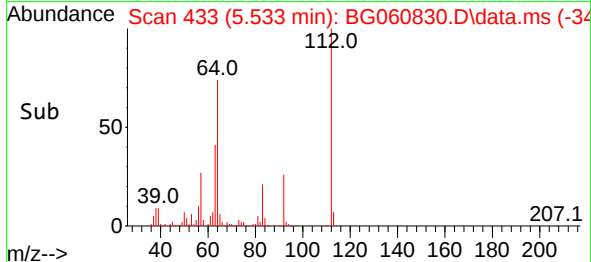
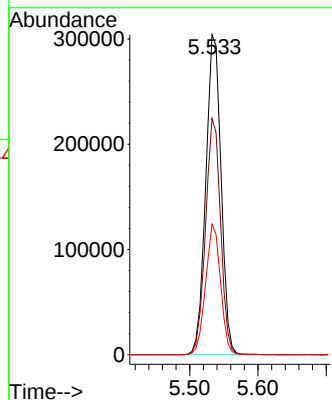
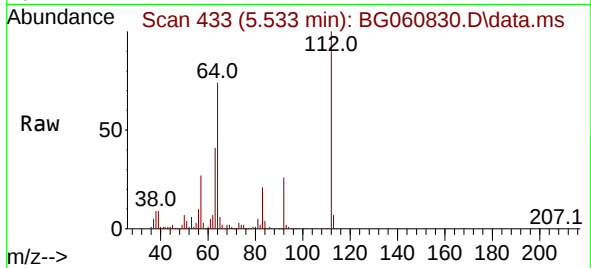




#5  
2-Fluorophenol  
Concen: 133.726 ng  
RT: 5.533 min Scan# 411  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

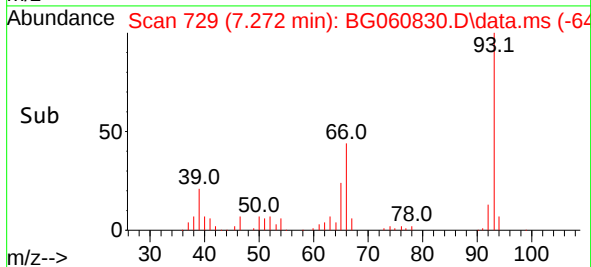
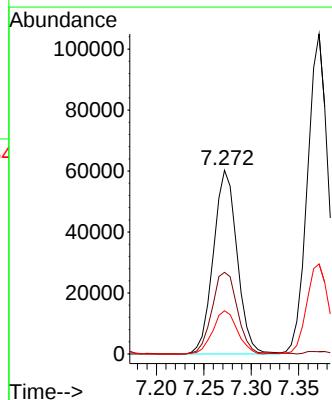
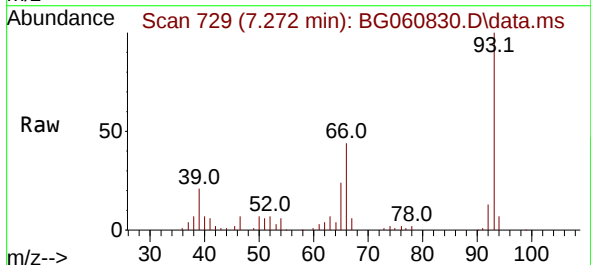
Instrument :  
BNA\_G  
ClientSampleId :

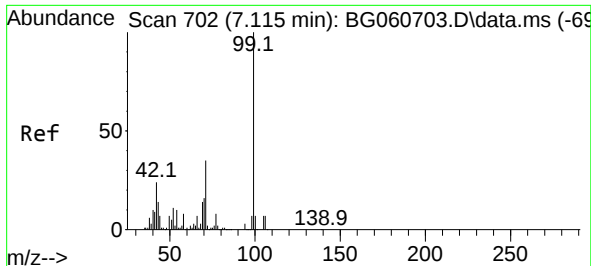
Tgt Ion:112 Resp: 473588  
Ion Ratio Lower Upper  
112 100  
64 73.7 58.4 87.6  
63 40.8 32.7 49.1



#6  
Aniline  
Concen: 15.814 ng  
RT: 7.272 min Scan# 729  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

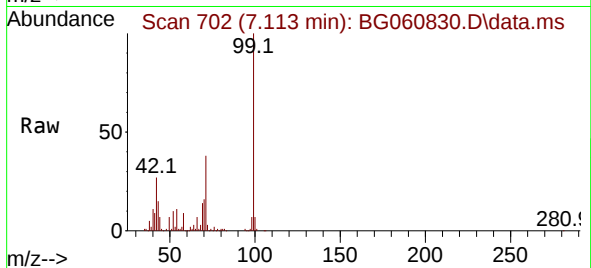
Tgt Ion: 93 Resp: 104982  
Ion Ratio Lower Upper  
93 100  
66 44.4 36.1 54.1  
65 23.6 18.1 27.1



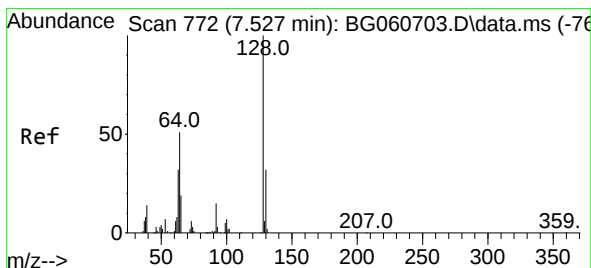
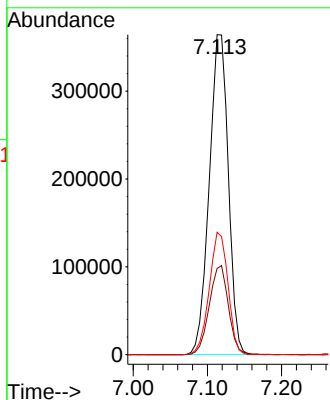
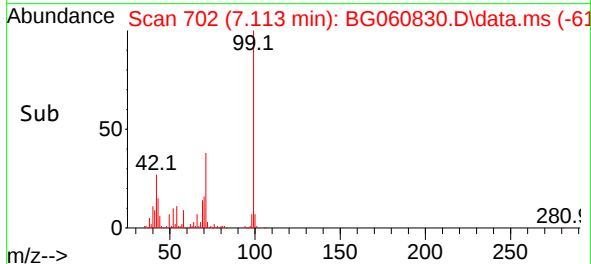


#7  
Phenol-d6  
Concen: 123.677 ng  
RT: 7.113 min Scan# 702  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

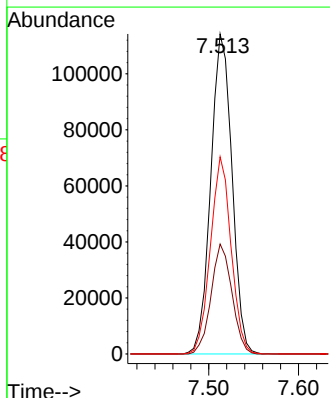
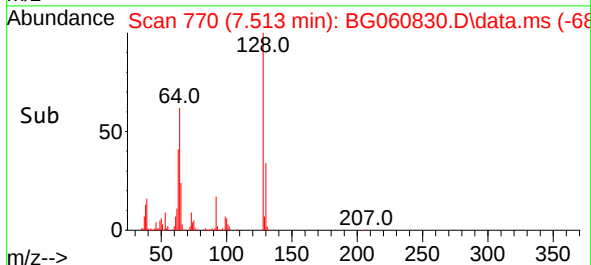
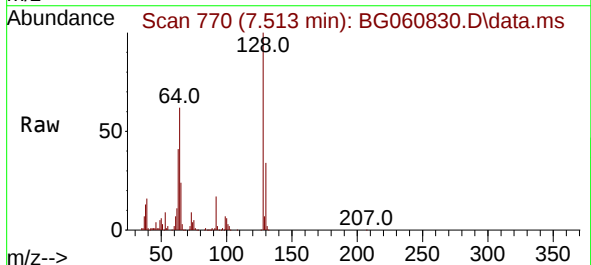


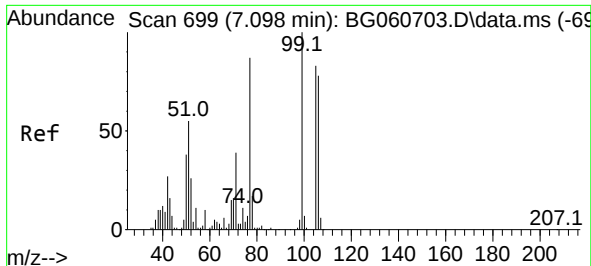
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Ion Ratio Lower Upper  
99 100  
42 26.9 19.4 29.2  
71 38.2 28.2 42.2



#8  
2-Chlorophenol  
Concen: 46.656 ng  
RT: 7.513 min Scan# 770  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:128 Resp: 187324  
Ion Ratio Lower Upper  
128 100  
130 34.3 12.3 52.3  
64 61.6 35.0 75.0

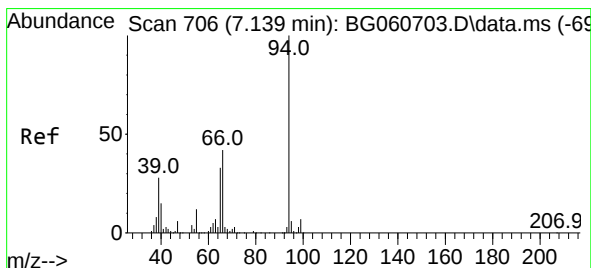
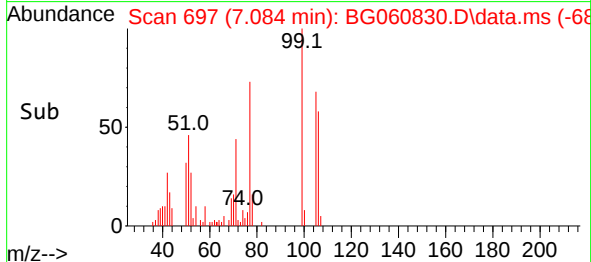
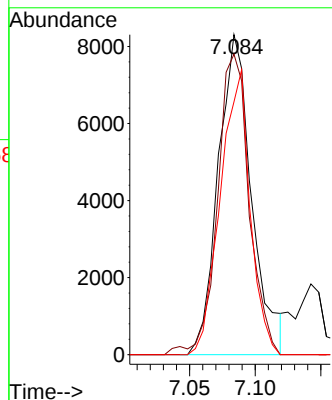
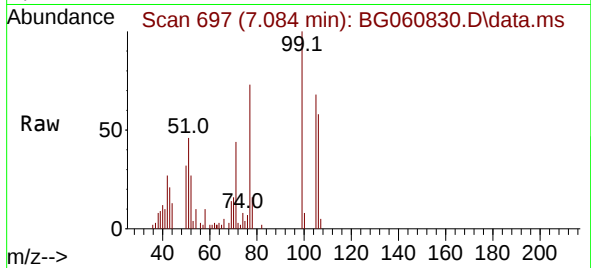




#9  
Benzaldehyde  
Concen: 5.075 ng  
RT: 7.084 min Scan# 699  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

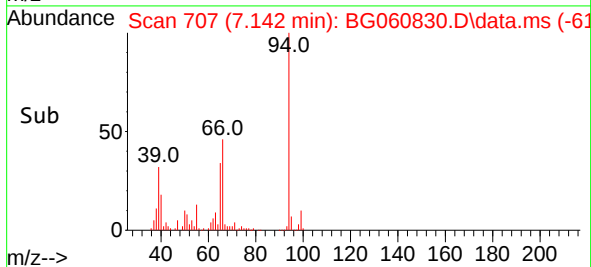
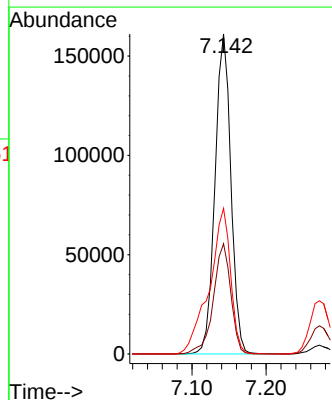
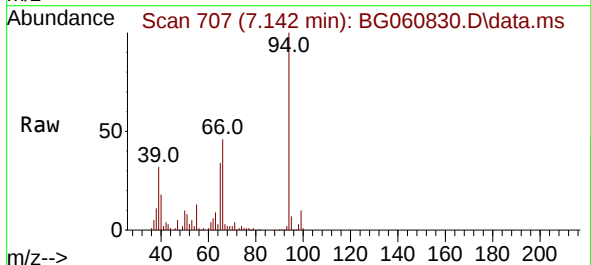
Instrument :  
BNA\_G  
ClientSampleId :

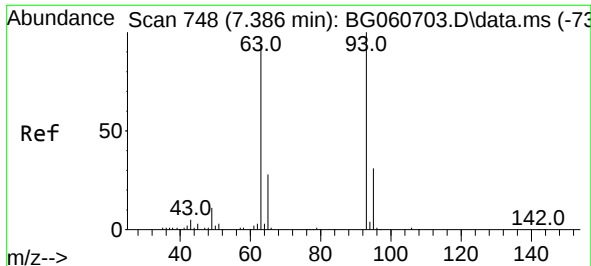
Tgt Ion: 77 Resp: 14710  
Ion Ratio Lower Upper  
77 100  
105 93.9 76.0 116.0  
106 79.0 70.3 110.3



#10  
Phenol  
Concen: 44.637 ng  
RT: 7.142 min Scan# 707  
Delta R.T. 0.004 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion: 94 Resp: 239478  
Ion Ratio Lower Upper  
94 100  
65 34.5 13.3 53.3  
66 45.5 22.9 62.9

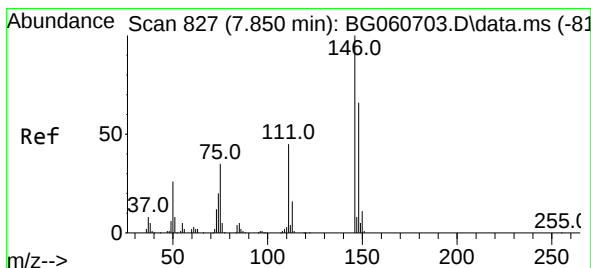
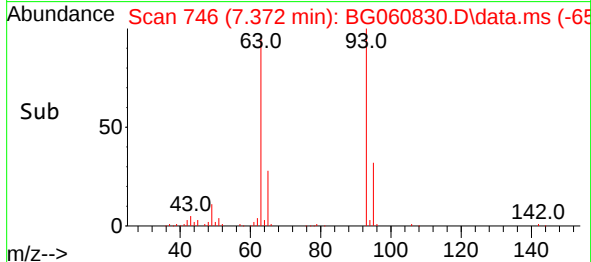
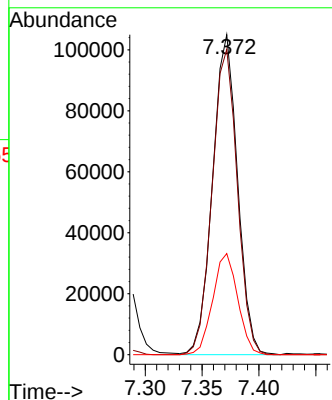
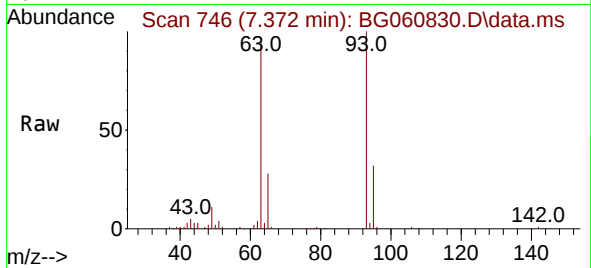




#11  
bis(2-Chloroethyl)ether  
Concen: 36.994 ng  
RT: 7.372 min Scan# 74  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

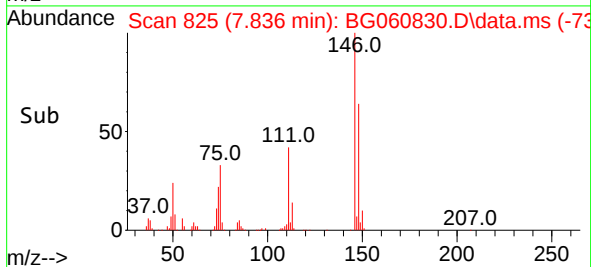
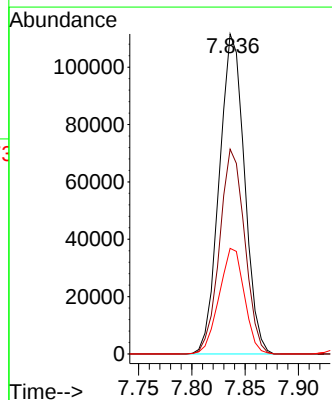
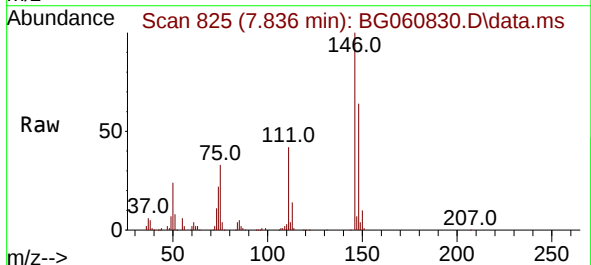
Instrument :  
BNA\_G  
ClientSampleId :

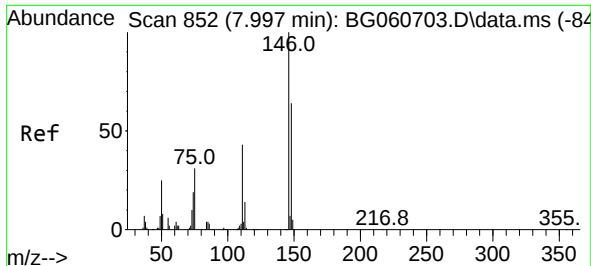
Tgt Ion: 93 Resp: 160240  
Ion Ratio Lower Upper  
93 100  
63 95.5 73.7 113.7  
95 31.6 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 43.890 ng  
RT: 7.836 min Scan# 825  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:146 Resp: 183250  
Ion Ratio Lower Upper  
146 100  
148 64.0 53.0 79.4  
75 33.0 28.1 42.1

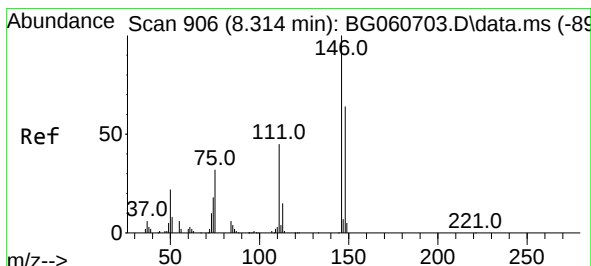
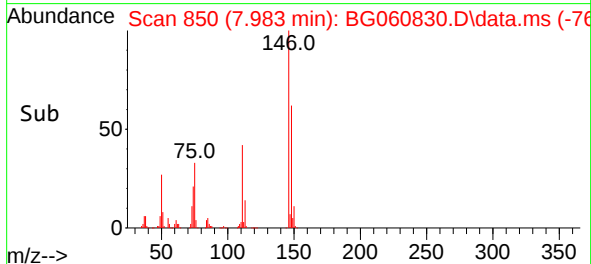
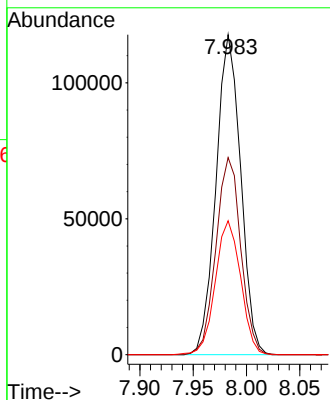
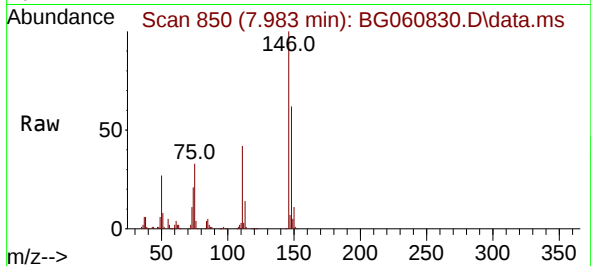




#13  
1,4-Dichlorobenzene  
Concen: 44.395 ng  
RT: 7.983 min Scan# 81  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

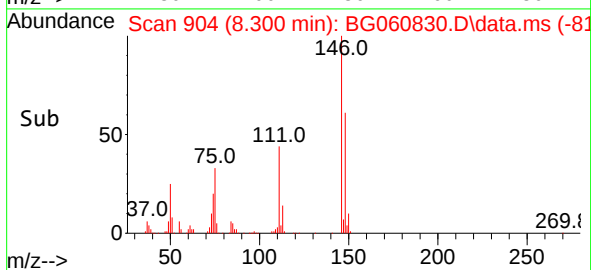
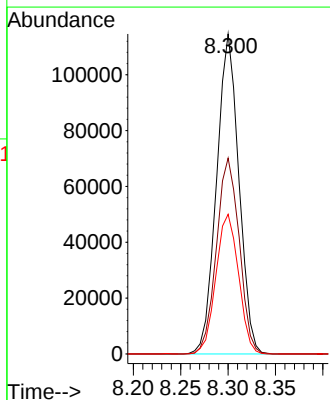
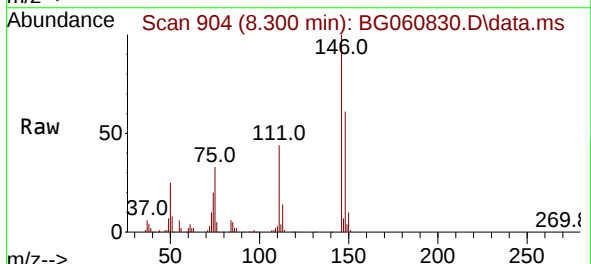
Instrument :  
BNA\_G  
ClientSampleId :

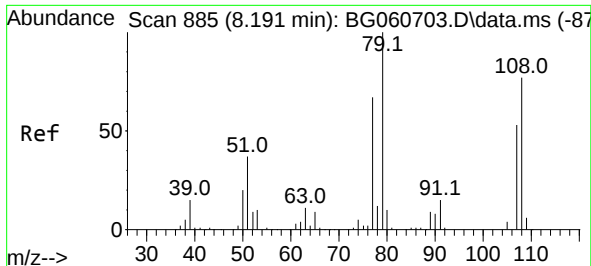
Tgt Ion:146 Resp: 189107  
Ion Ratio Lower Upper  
146 100  
148 61.6 51.1 76.7  
111 41.8 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 44.899 ng  
RT: 8.300 min Scan# 904  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:146 Resp: 187427  
Ion Ratio Lower Upper  
146 100  
148 61.2 51.0 76.6  
111 43.7 36.0 54.0

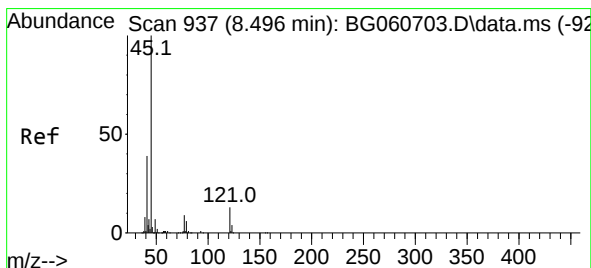
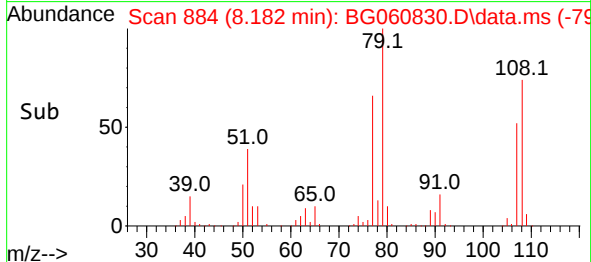
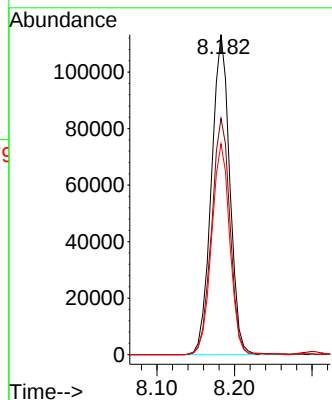
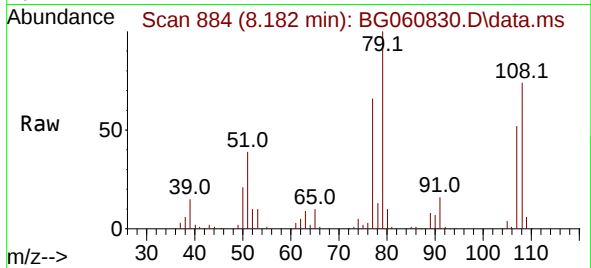




#15  
Benzyl Alcohol  
Concen: 43.724 ng  
RT: 8.182 min Scan# 81  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

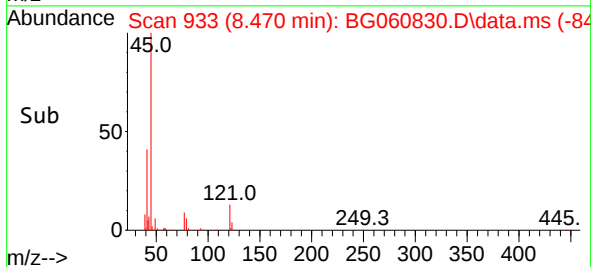
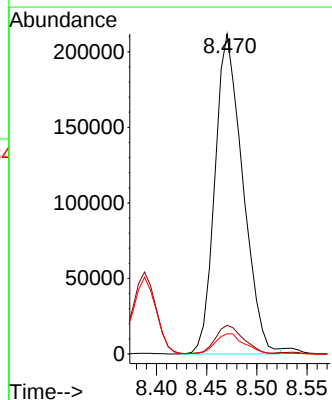
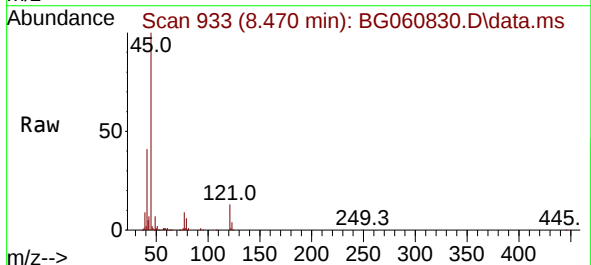
Instrument :  
BNA\_G  
ClientSampleId :

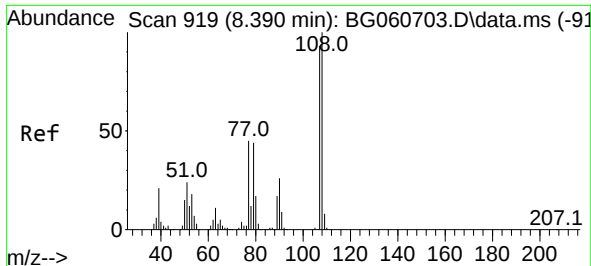
Tgt Ion: 79 Resp: 186186  
Ion Ratio Lower Upper  
79 100  
108 73.9 61.4 92.0  
77 65.9 53.6 80.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.767 ng  
RT: 8.470 min Scan# 933  
Delta R.T. -0.026 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

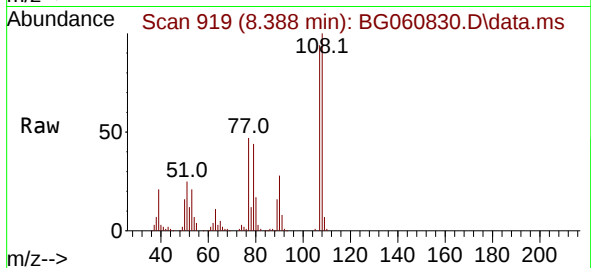
Tgt Ion: 45 Resp: 408283  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.1  
79 6.3 0.0 26.5



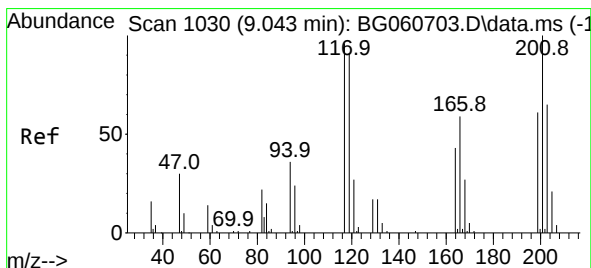
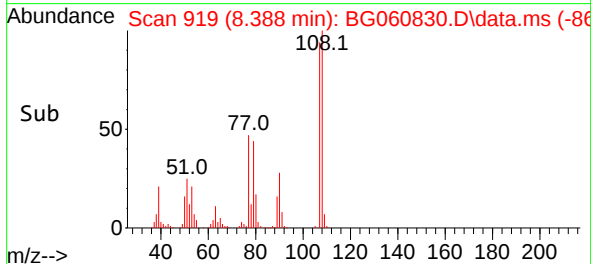
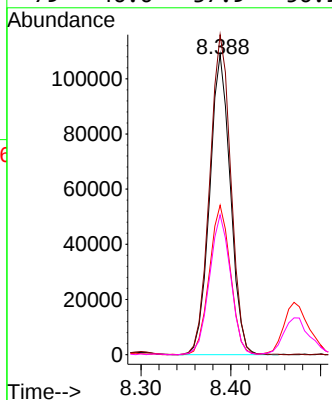


#17  
2-Methylphenol  
Concen: 42.941 ng  
RT: 8.388 min Scan# 919  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

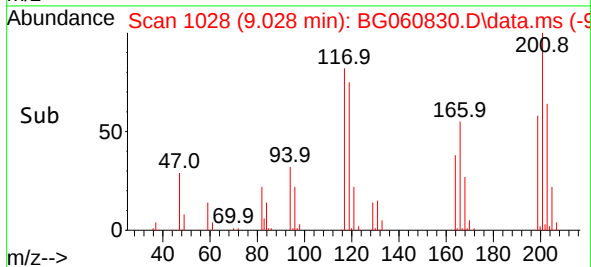
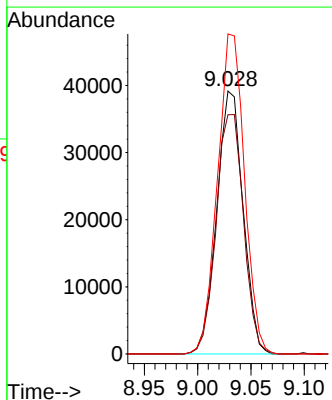
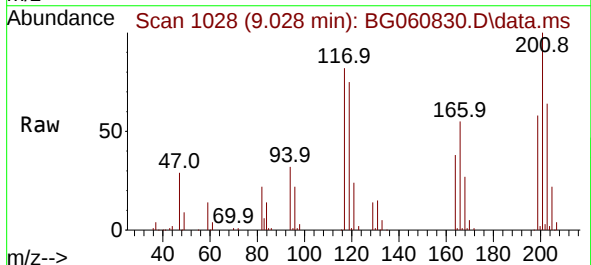


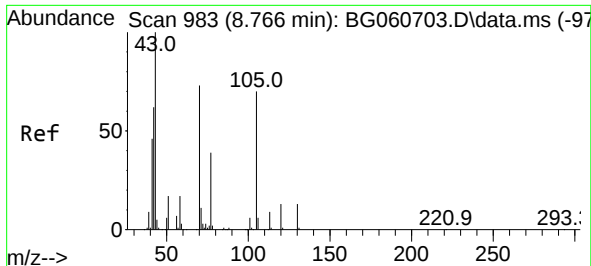
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 173915 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.6 | 86.4  | 129.6  |
| 77       | 49.8  | 38.6  | 58.0   |
| 79       | 46.6  | 37.9  | 56.9   |



#18  
Hexachloroethane  
Concen: 44.498 ng  
RT: 9.028 min Scan# 1028  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

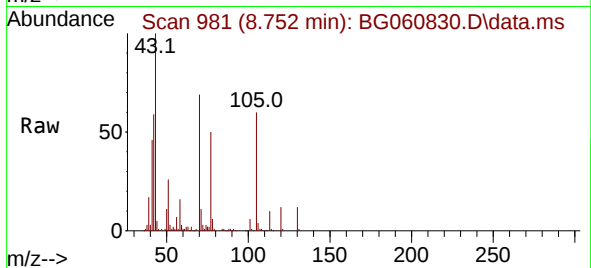
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 67320 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.0  | 75.7  | 113.5 |
| 201      | 121.8 | 83.4  | 125.2 |





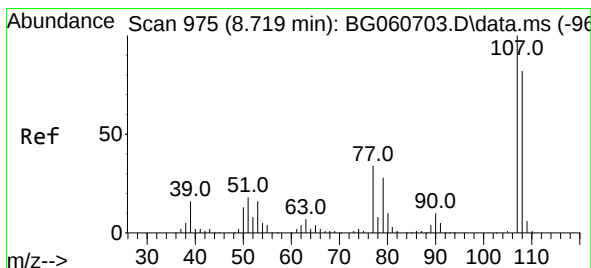
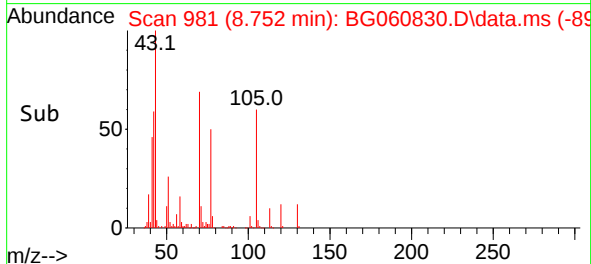
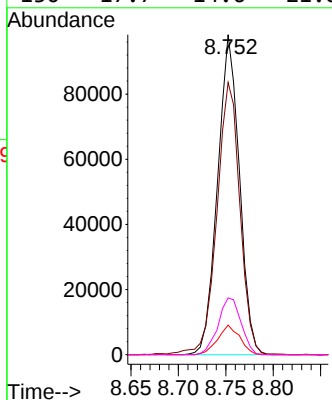
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.165 ng  
RT: 8.752 min Scan# 981  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion: 70 Resp: 157008

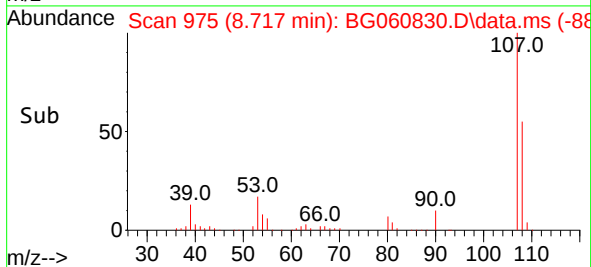
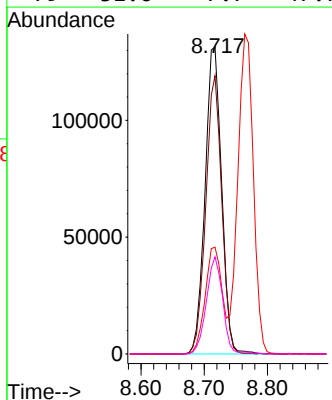
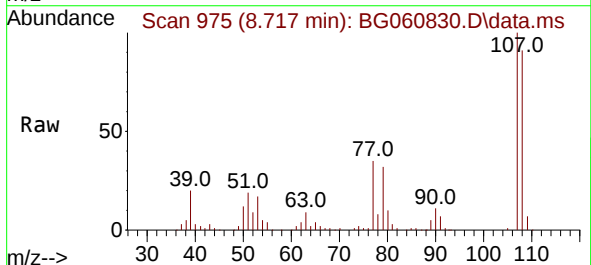
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 85.1  | 68.4  | 102.6 |
| 101 | 9.2   | 6.1   | 9.1#  |
| 130 | 17.7  | 14.6  | 21.8  |

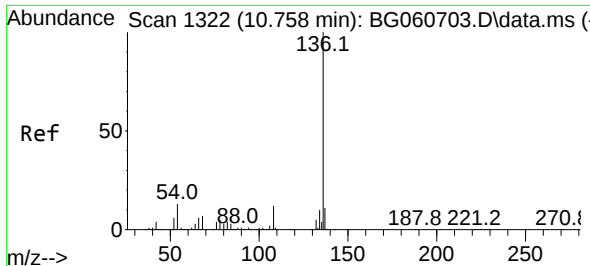


#20  
3+4-Methylphenols  
Concen: 43.134 ng  
RT: 8.717 min Scan# 975  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion: 107 Resp: 239225

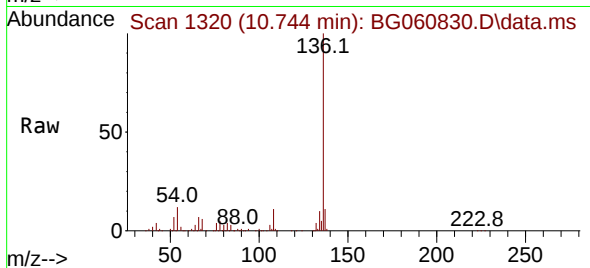
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.6  | 62.2  | 102.2 |
| 77  | 34.8  | 14.1  | 54.1  |
| 79  | 31.6  | 7.7   | 47.7  |





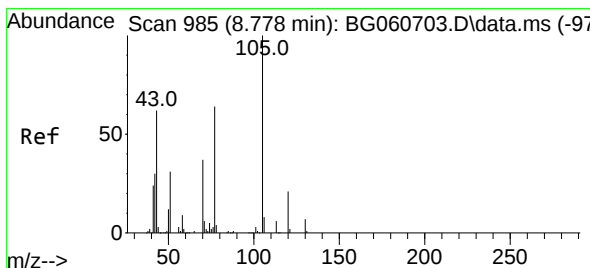
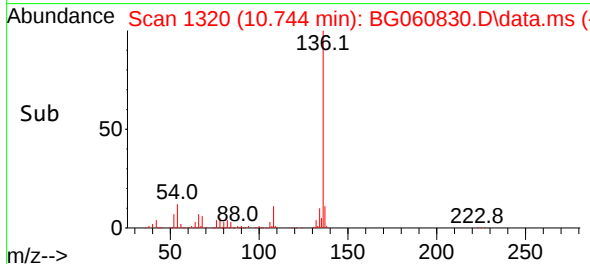
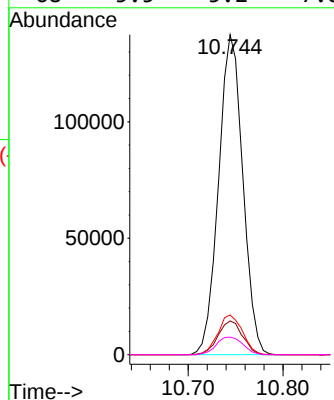
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.744 min Scan# 11  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion:136 Resp: 243786

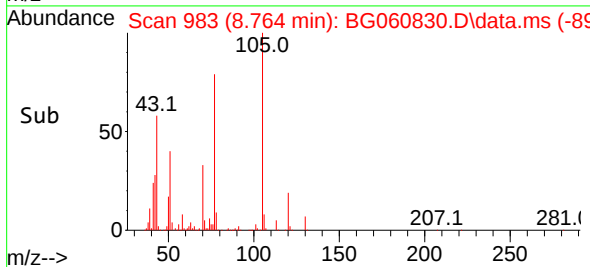
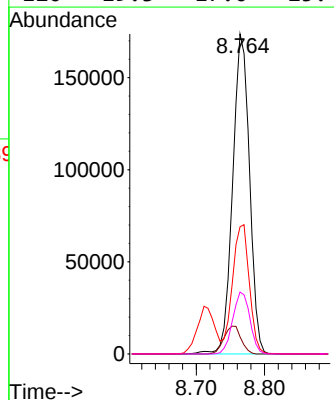
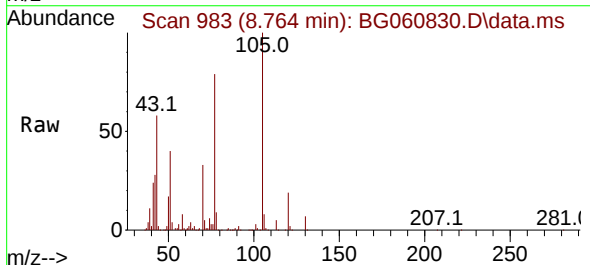
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 12.4  | 10.2  | 15.2  |
| 68  | 5.5   | 5.2   | 7.8   |

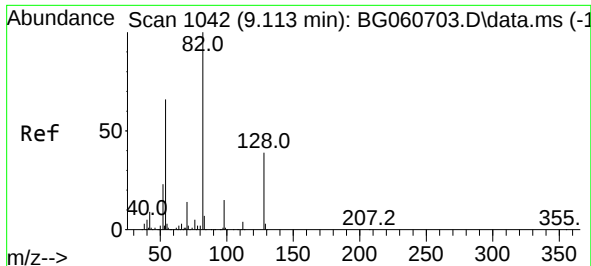


#22  
Acetophenone  
Concen: 44.344 ng  
RT: 8.764 min Scan# 983  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:105 Resp: 298084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.3   | 4.9   | 7.3   |
| 51  | 39.7  | 31.1  | 46.7  |
| 120 | 19.3  | 17.0  | 25.4  |





#23

Nitrobenzene-d5

Concen: 100.968 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

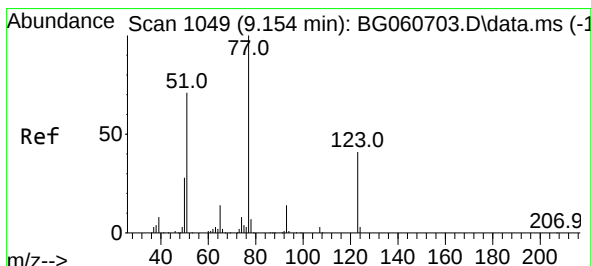
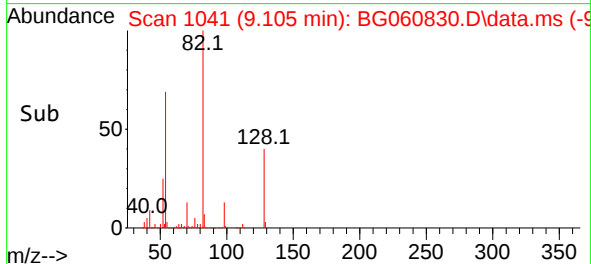
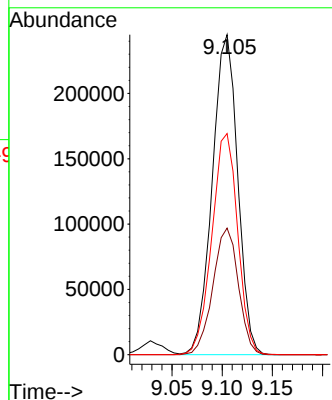
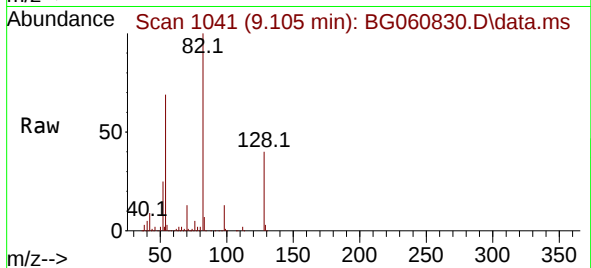
Tgt Ion: 82 Resp: 431369

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 69.1 53.2 79.8



#24

Nitrobenzene

Concen: 46.822 ng

RT: 9.146 min Scan# 1048

Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

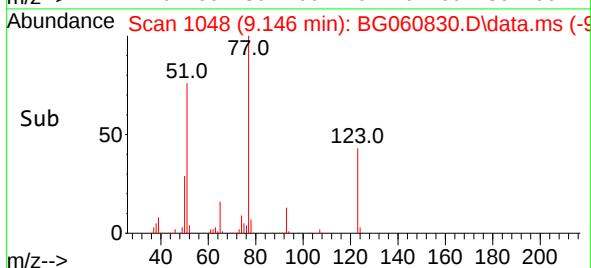
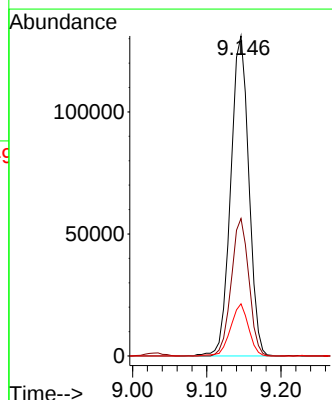
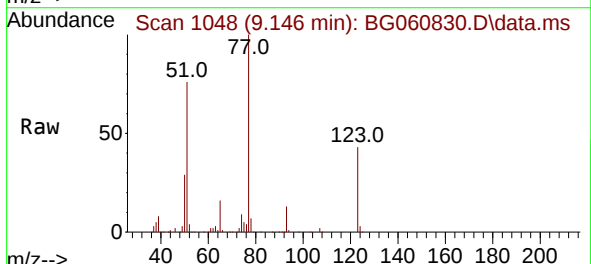
Tgt Ion: 77 Resp: 222322

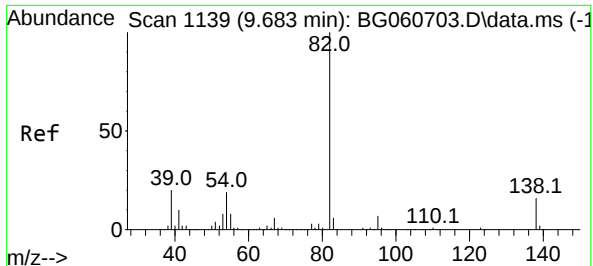
Ion Ratio Lower Upper

77 100

123 42.9 32.7 49.1

65 16.3 11.3 16.9

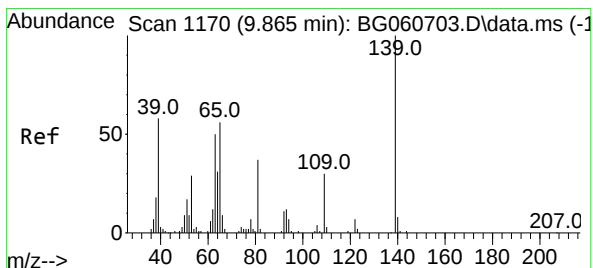
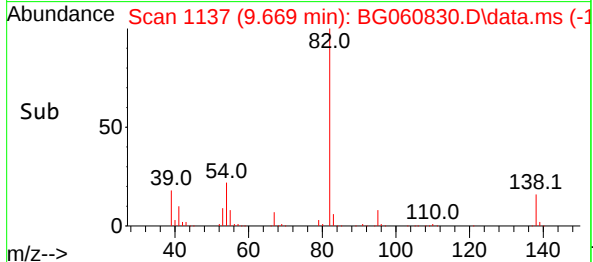
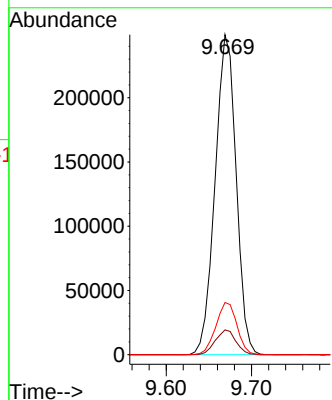
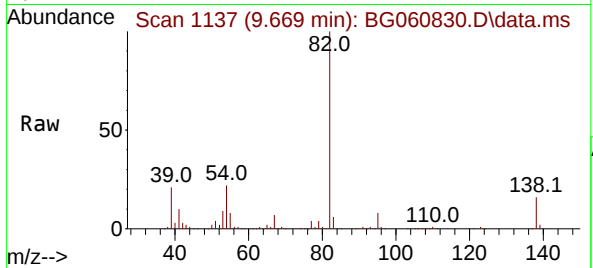




#25  
Isophorone  
Concen: 43.375 ng  
RT: 9.669 min Scan# 1139  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

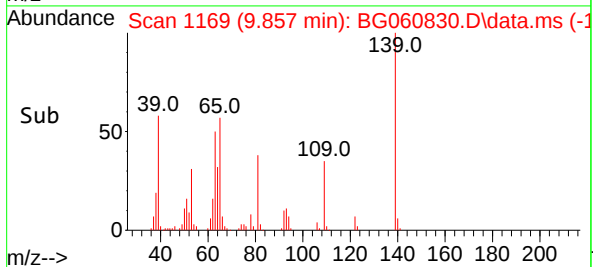
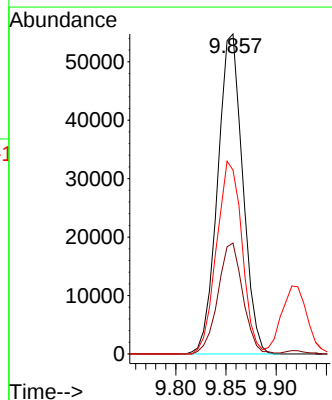
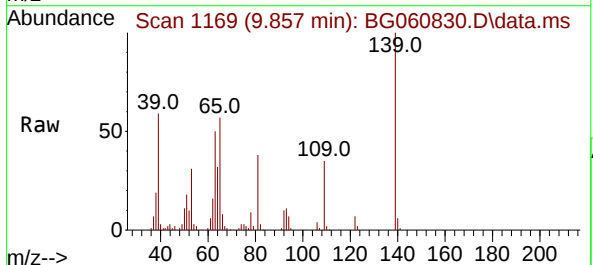
Instrument :  
BNA\_G  
ClientSampleId :

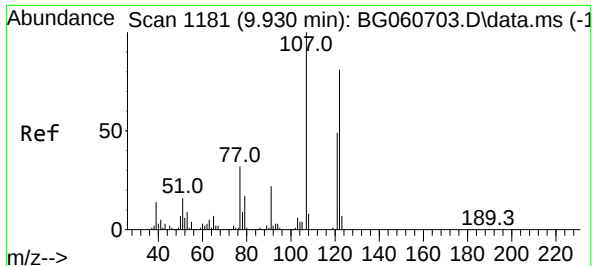
Tgt Ion: 82 Resp: 426821  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.8 8.8  
138 16.3 13.0 19.4



#26  
2-Nitrophenol  
Concen: 55.283 ng  
RT: 9.857 min Scan# 1169  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion: 139 Resp: 94953  
Ion Ratio Lower Upper  
139 100  
109 34.7 23.9 35.9  
65 57.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 39.566 ng

RT: 9.922 min Scan# 1181

Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

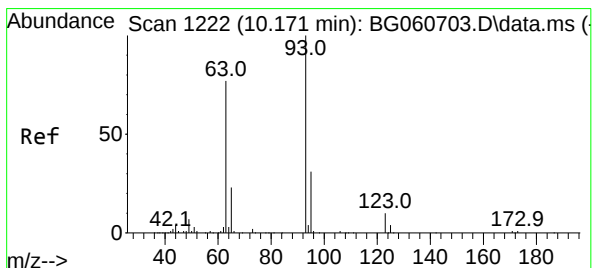
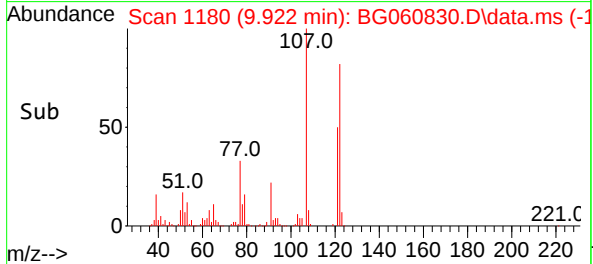
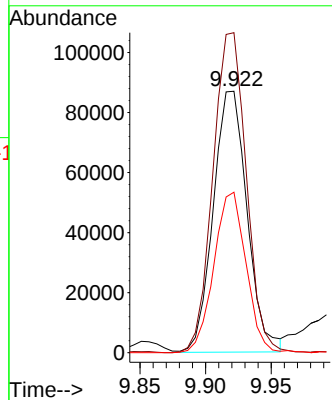
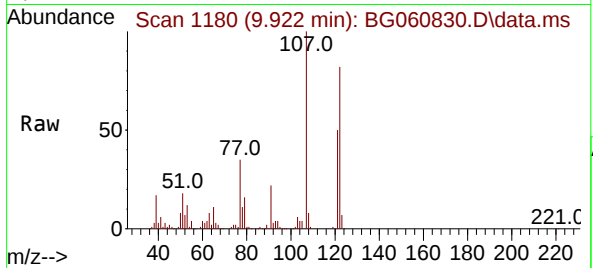
Tgt Ion:122 Resp: 156400

Ion Ratio Lower Upper

122 100

107 122.4 98.6 147.8

121 61.4 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.836 ng

RT: 10.157 min Scan# 1220

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

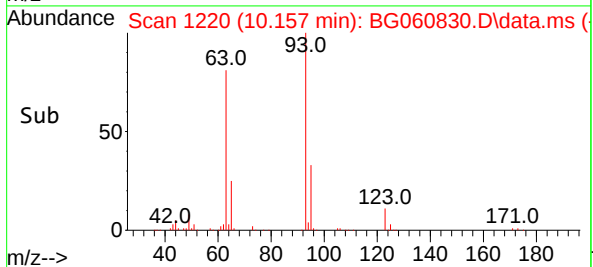
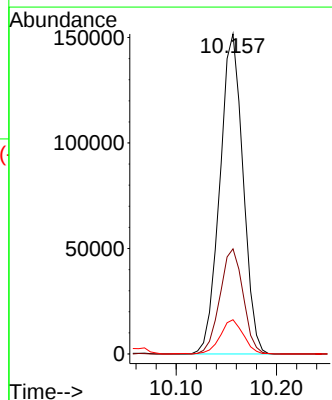
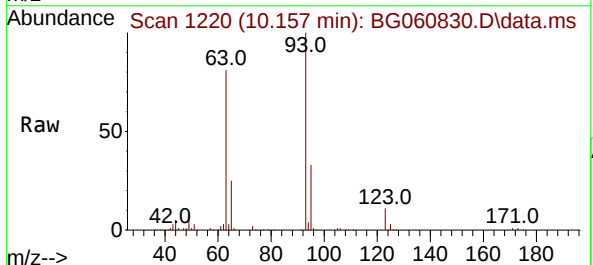
Tgt Ion: 93 Resp: 243051

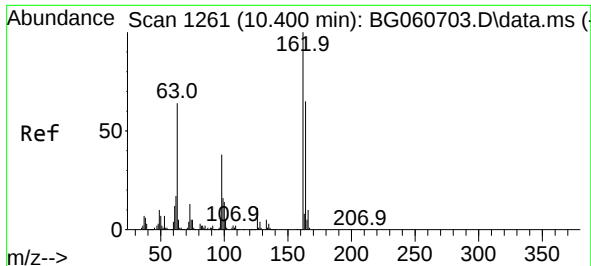
Ion Ratio Lower Upper

93 100

95 32.8 25.1 37.7

123 10.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 53.439 ng

RT: 10.392 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

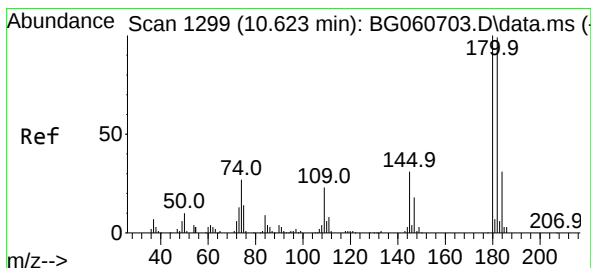
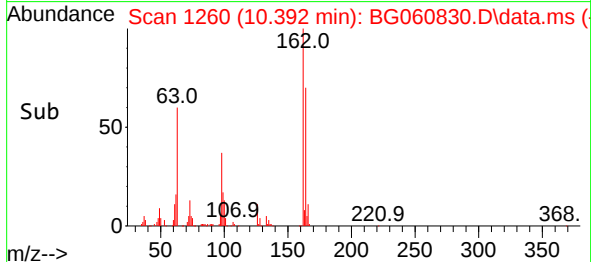
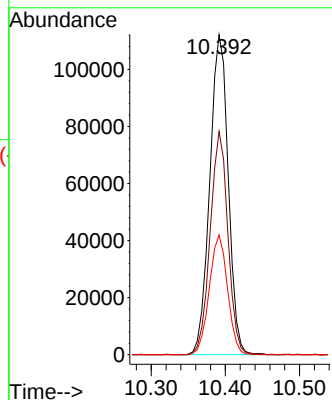
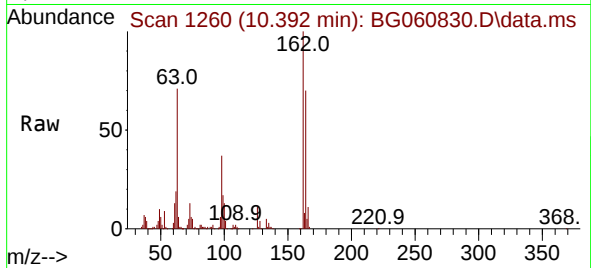
Tgt Ion:162 Resp: 193976

Ion Ratio Lower Upper

162 100

164 69.7 45.2 85.2

98 37.4 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 47.611 ng

RT: 10.609 min Scan# 1297

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

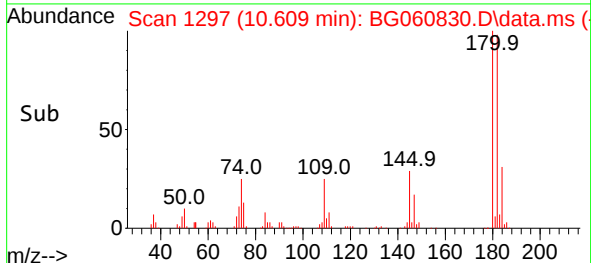
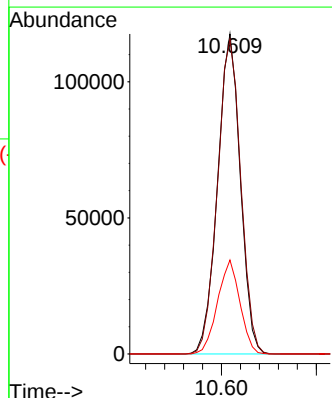
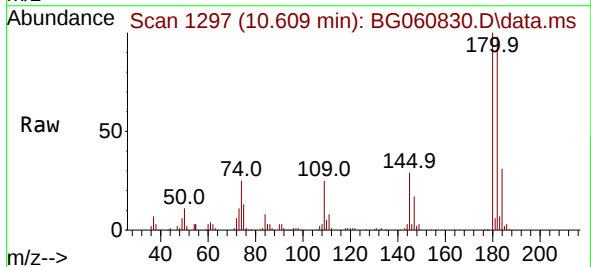
Tgt Ion:180 Resp: 195692

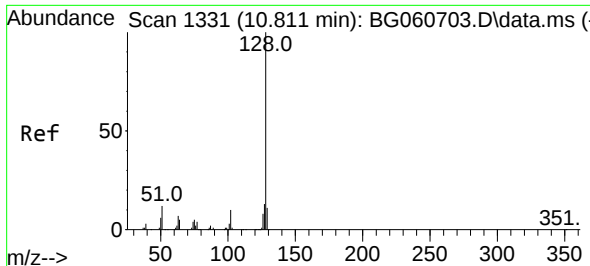
Ion Ratio Lower Upper

180 100

182 98.3 79.0 118.4

145 29.3 24.9 37.3

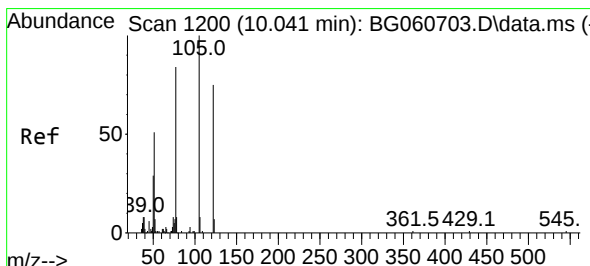
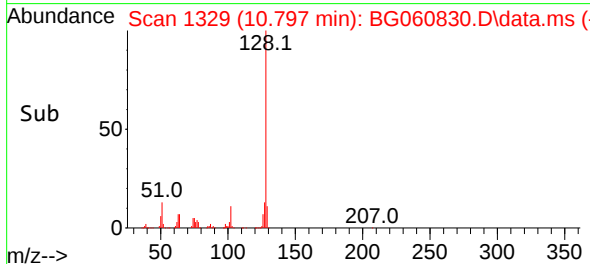
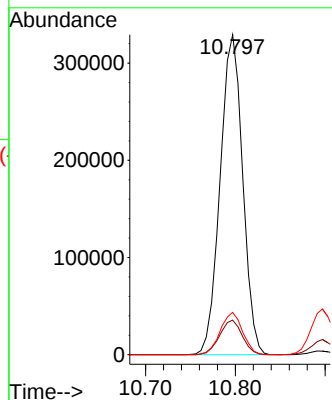
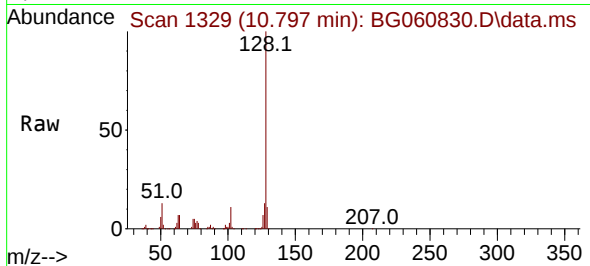




#31  
Naphthalene  
Concen: 43.490 ng  
RT: 10.797 min Scan# 11  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

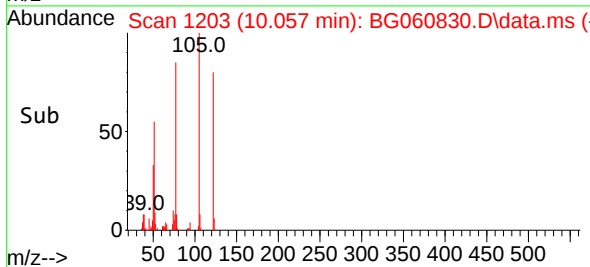
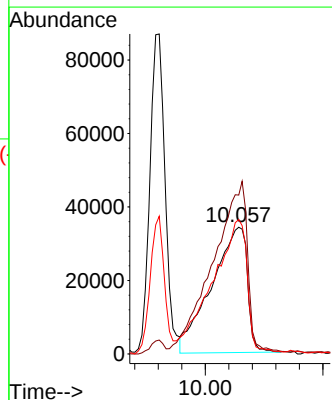
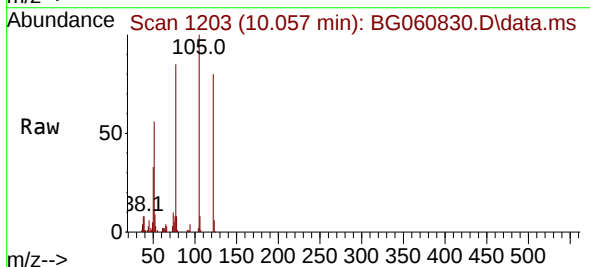
Instrument :  
BNA\_G  
ClientSampleId :

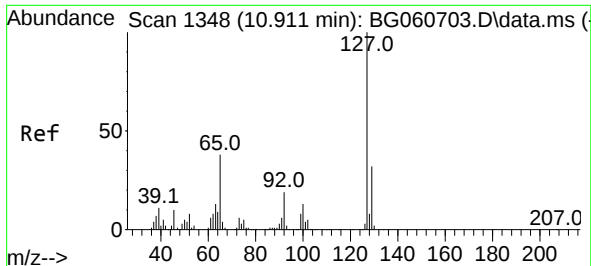
Tgt Ion:128 Resp: 573518  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.5 12.7  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 53.662 ng  
RT: 10.057 min Scan# 1203  
Delta R.T. 0.016 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:122 Resp: 143601  
Ion Ratio Lower Upper  
122 100  
105 125.4 104.5 144.5  
77 106.1 85.3 125.3

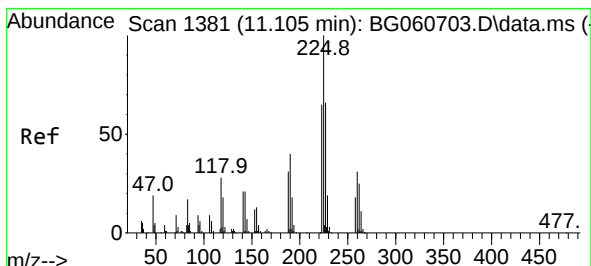
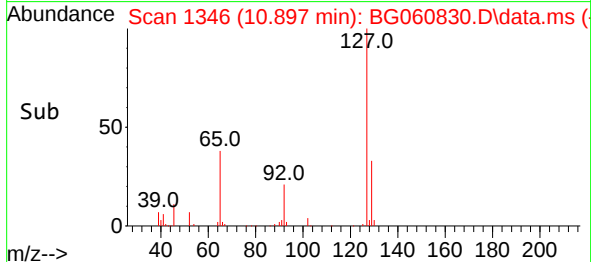
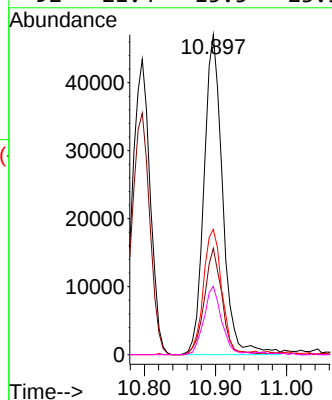
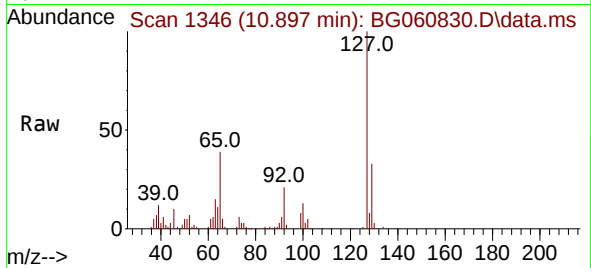




#33  
4-Chloroaniline  
Concen: 14.038 ng  
RT: 10.897 min Scan# 11  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

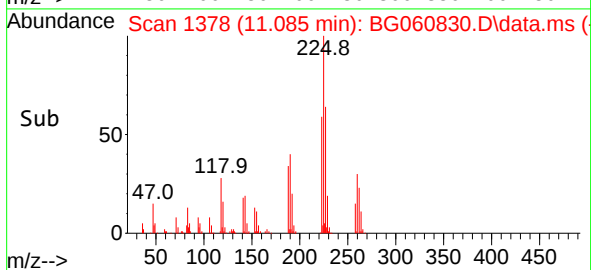
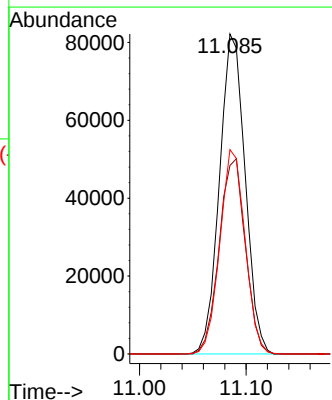
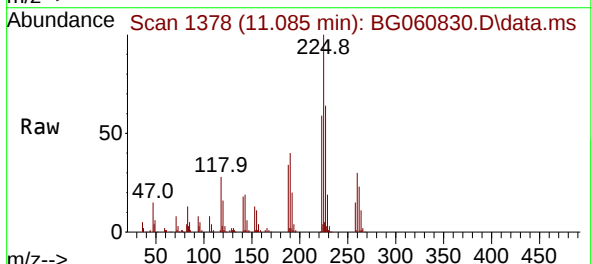
Instrument :  
BNA\_G  
ClientSampleId :

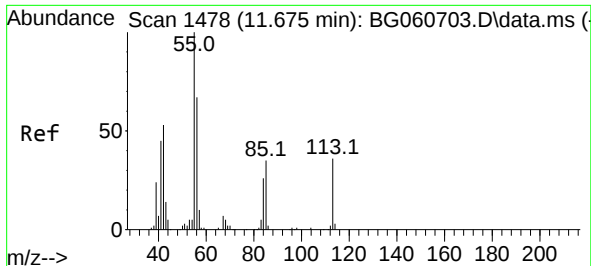
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 85986     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 33.3  | 25.3 37.9 |
| 65          | 39.2  | 30.2 45.2 |
| 92          | 21.4  | 15.5 23.3 |



#34  
Hexachlorobutadiene  
Concen: 50.060 ng  
RT: 11.085 min Scan# 1378  
Delta R.T. -0.020 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

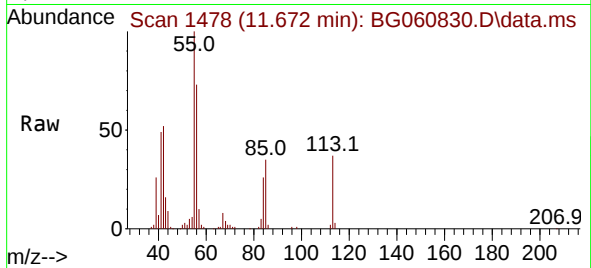
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 137131    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 58.9  | 52.0 78.0 |
| 227         | 63.8  | 52.5 78.7 |



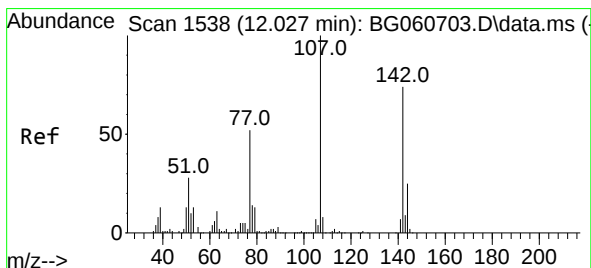
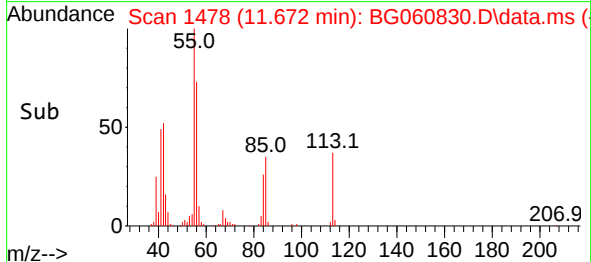
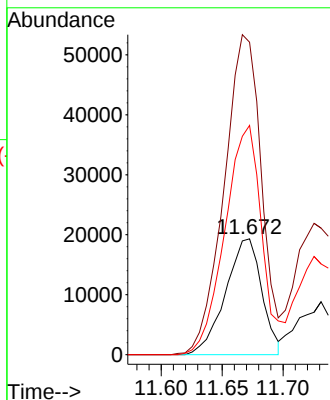


#35  
Caprolactam  
Concen: 27.846 ng  
RT: 11.672 min Scan# 1478  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

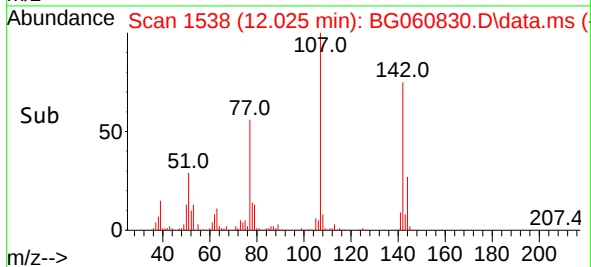
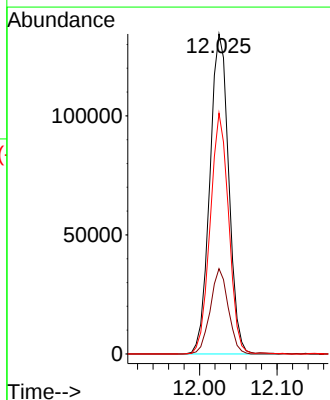
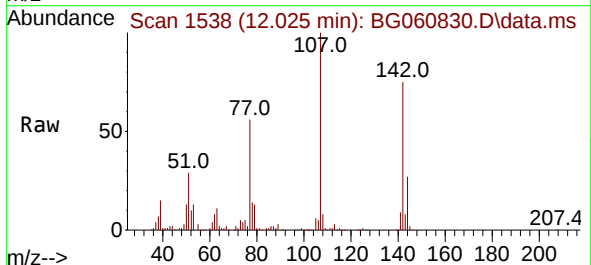


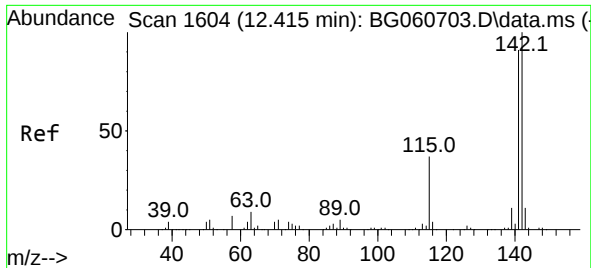
Tgt Ion:113 Resp: 40033  
Ion Ratio Lower Upper  
113 100  
55 269.8 258.0 298.0  
56 197.9 166.3 206.3



#36  
4-Chloro-3-methylphenol  
Concen: 49.092 ng  
RT: 12.025 min Scan# 1538  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

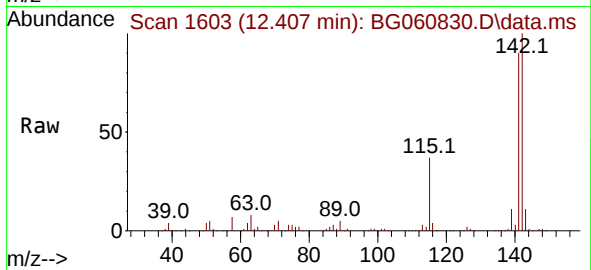
Tgt Ion:107 Resp: 227642  
Ion Ratio Lower Upper  
107 100  
144 26.6 20.0 30.0  
142 75.3 59.2 88.8



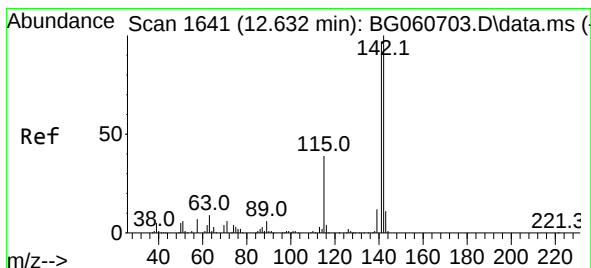
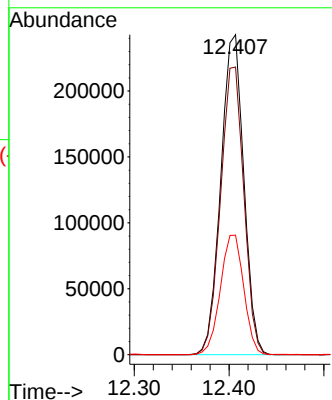
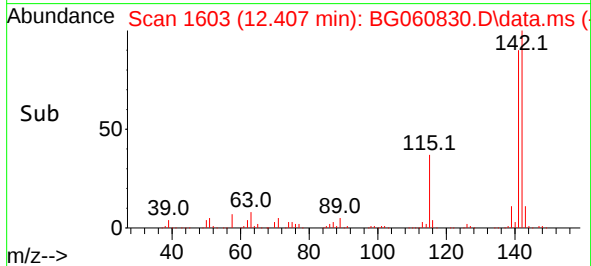


#37  
2-Methylnaphthalene  
Concen: 42.215 ng  
RT: 12.407 min Scan# 1  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

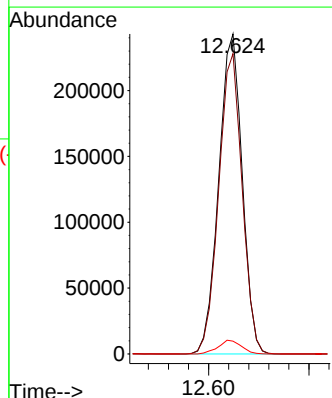
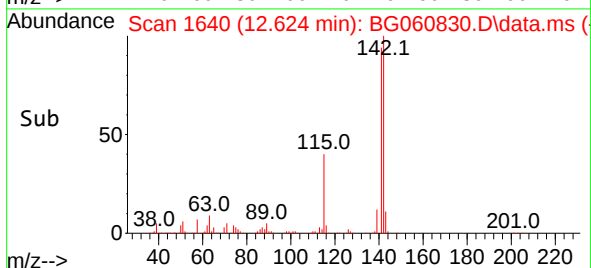
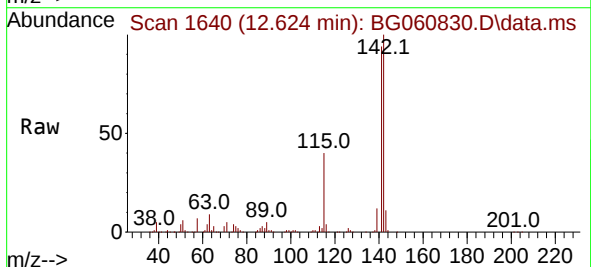


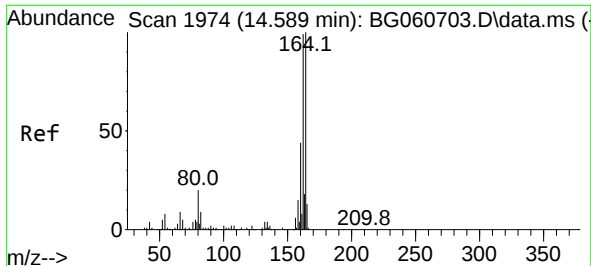
Tgt Ion:142 Resp: 409285  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.7 109.1  
115 37.4 29.9 44.9



#38  
1-Methylnaphthalene  
Concen: 42.899 ng  
RT: 12.624 min Scan# 1640  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:142 Resp: 392915  
Ion Ratio Lower Upper  
142 100  
141 93.8 77.7 116.5  
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060830.D

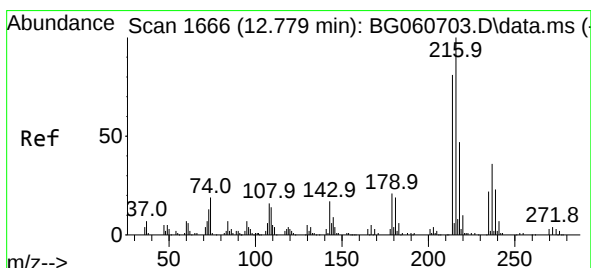
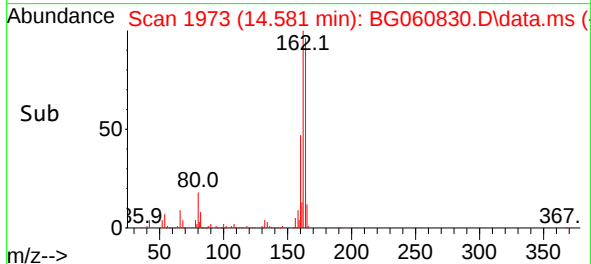
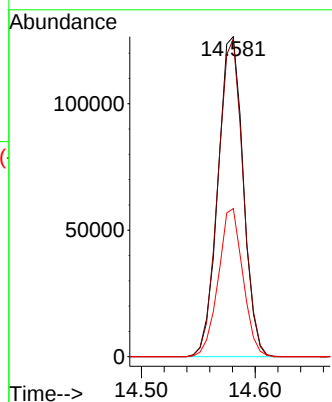
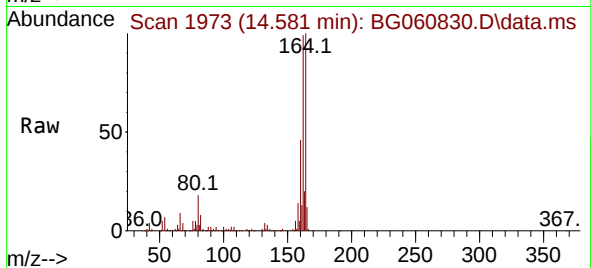
Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion:164 | Resp: 194964    |
| Ion Ratio   | Lower Upper     |
| 164         | 100             |
| 162         | 99.3 79.5 119.3 |
| 160         | 46.3 35.4 53.0  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.932 ng

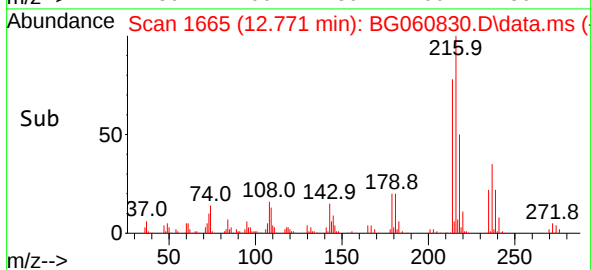
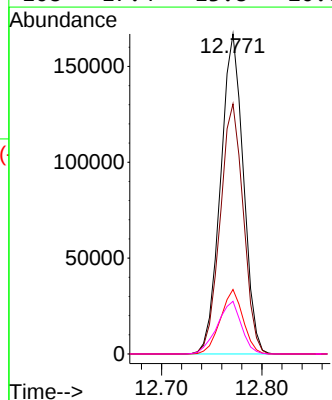
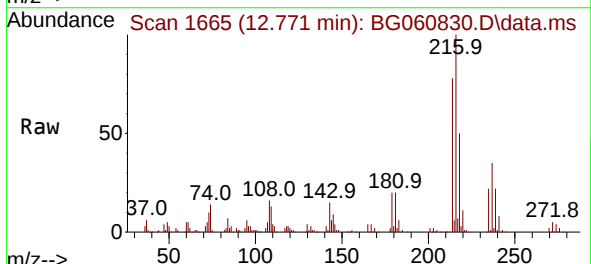
RT: 12.771 min Scan# 1665

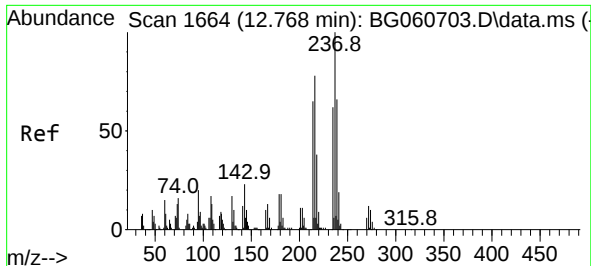
Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

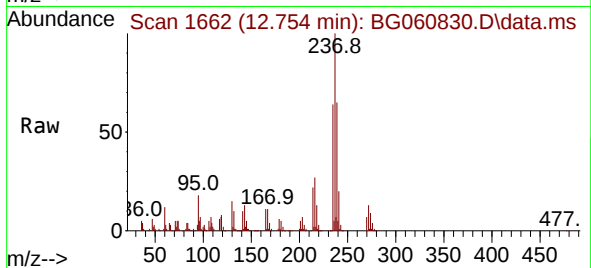
|             |                |
|-------------|----------------|
| Tgt Ion:216 | Resp: 263053   |
| Ion Ratio   | Lower Upper    |
| 216         | 100            |
| 214         | 79.2 63.1 94.7 |
| 179         | 19.9 16.7 25.1 |
| 108         | 17.4 13.8 20.6 |



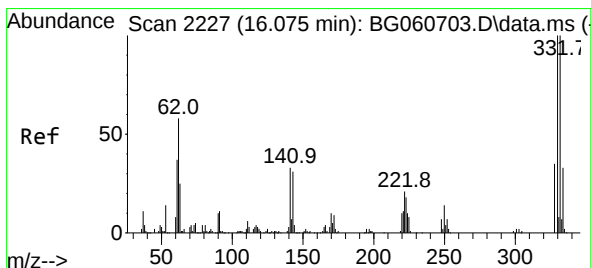
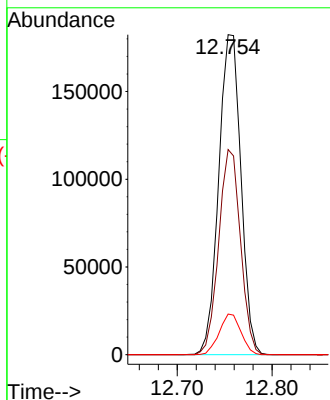
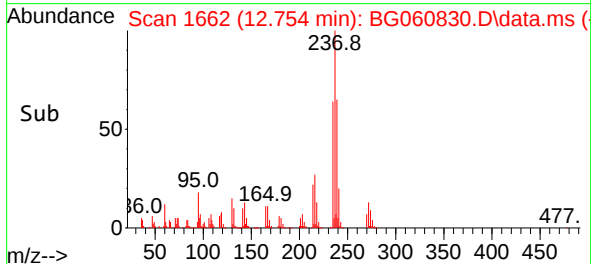


#41  
Hexachlorocyclopentadiene  
Concen: 104.290 ng  
RT: 12.754 min Scan# 1  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

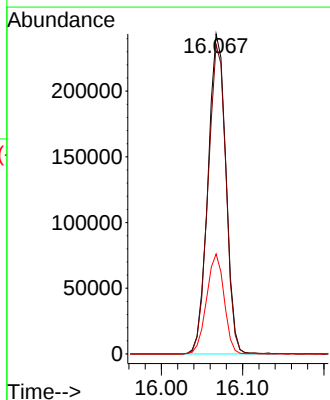
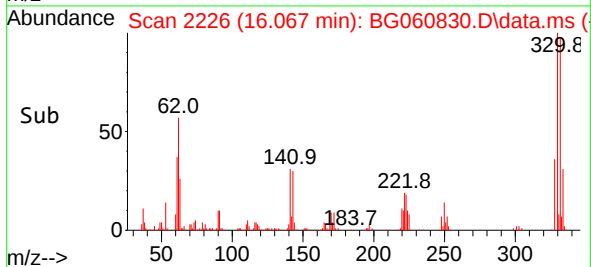
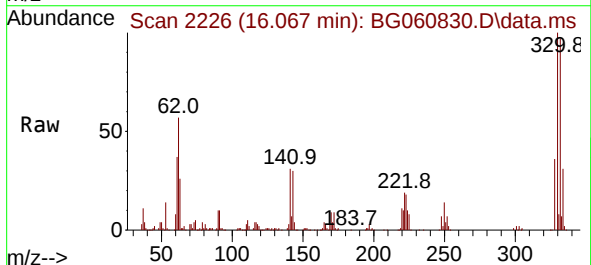


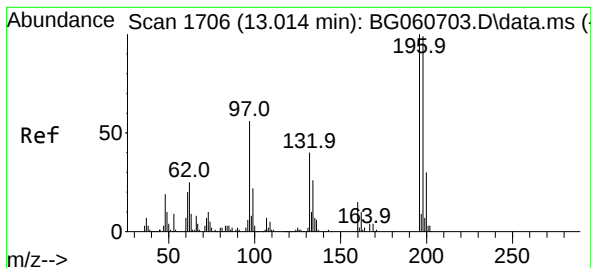
Tgt Ion:237 Resp: 297227  
Ion Ratio Lower Upper  
237 100  
235 64.1 42.0 82.0  
272 12.7 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 168.682 ng  
RT: 16.067 min Scan# 2226  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:330 Resp: 373320  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.2 117.4  
141 30.4 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 51.555 ng

RT: 13.006 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

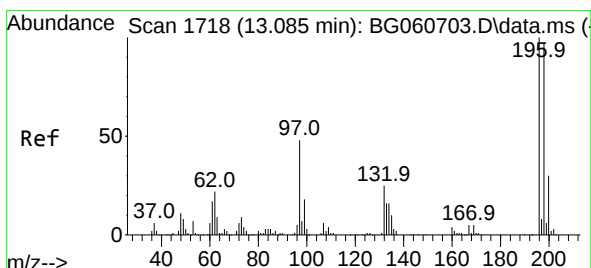
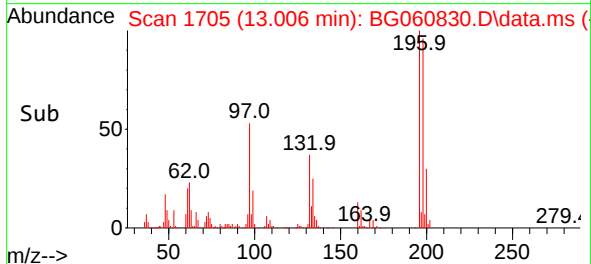
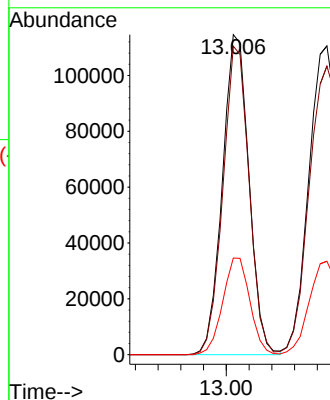
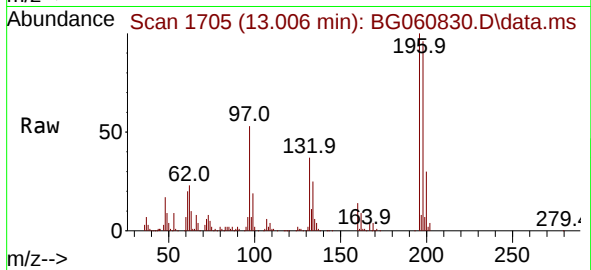
Tgt Ion:196 Resp: 186069

Ion Ratio Lower Upper

196 100

198 96.4 79.1 118.7

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.274 ng

RT: 13.088 min Scan# 1719

Delta R.T. 0.004 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Tgt Ion:196 Resp: 207920

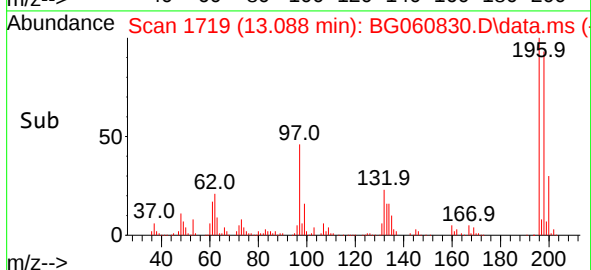
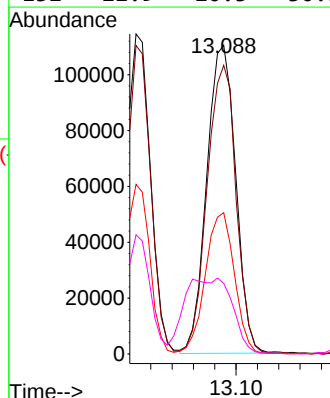
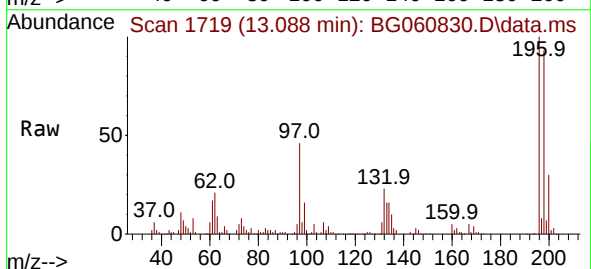
Ion Ratio Lower Upper

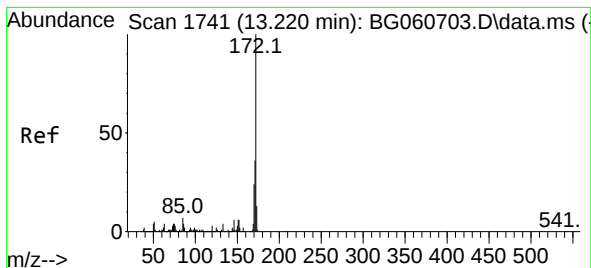
196 100

198 93.5 77.8 116.8

97 45.7 38.2 57.4

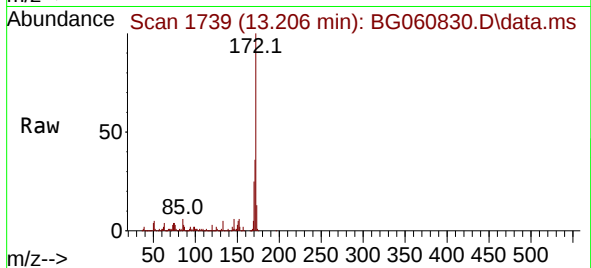
132 22.9 20.3 30.5





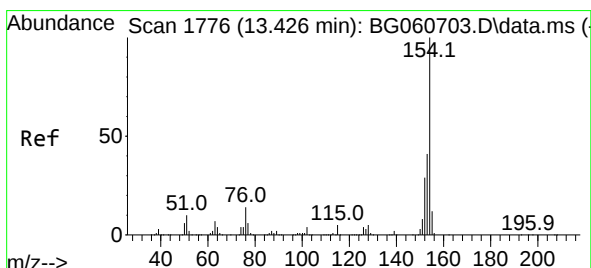
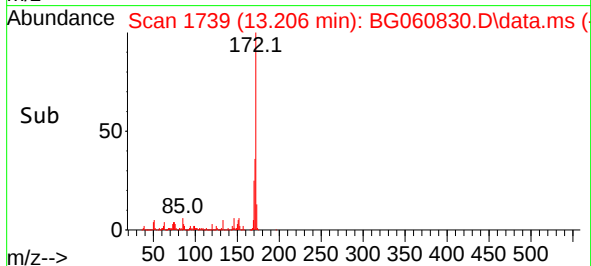
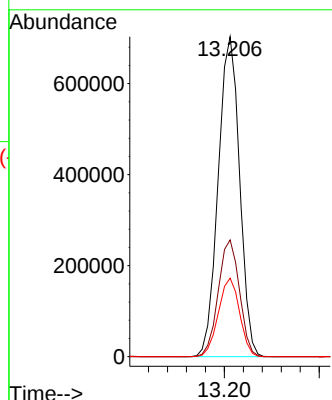
#45  
2-Fluorobiphenyl  
Concen: 83.007 ng  
RT: 13.206 min Scan# 1739  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion:172 Resp: 1102686

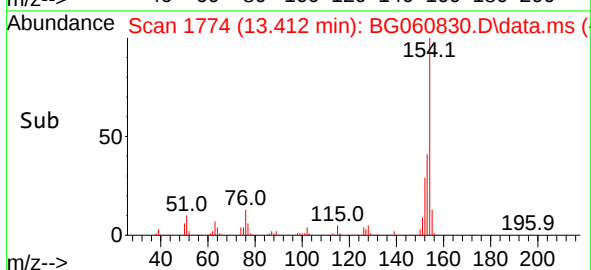
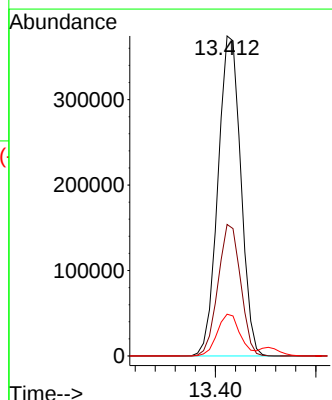
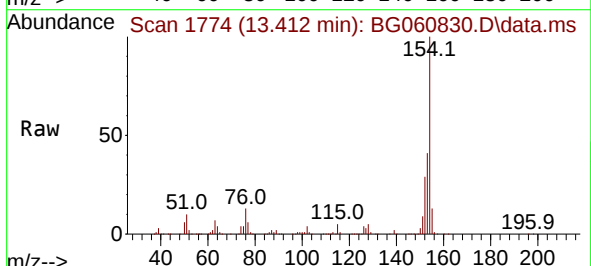
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.5  | 28.7  | 43.1  |
| 170 | 24.5  | 19.4  | 29.0  |

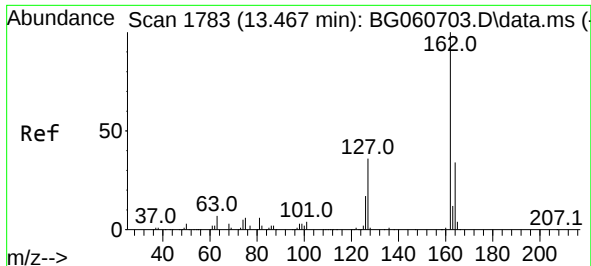


#46  
1,1'-Biphenyl  
Concen: 42.790 ng  
RT: 13.412 min Scan# 1774  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:154 Resp: 589267

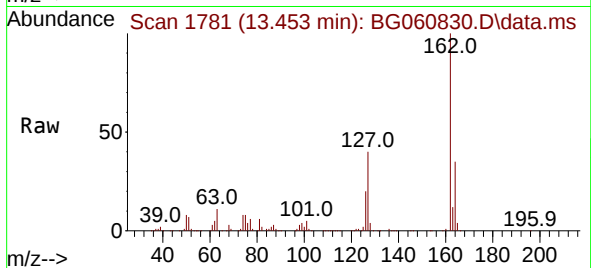
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 20.8  | 60.8  |
| 76  | 13.1  | 0.0   | 33.9  |



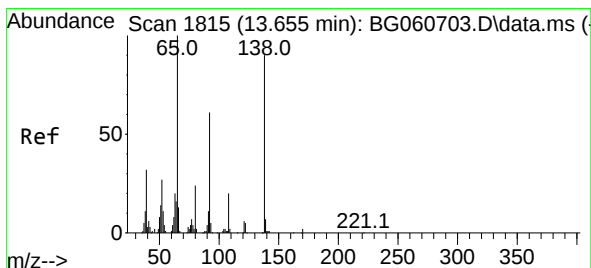
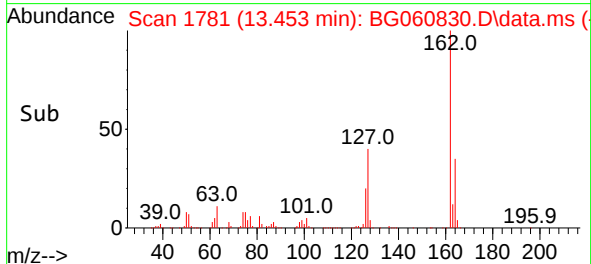
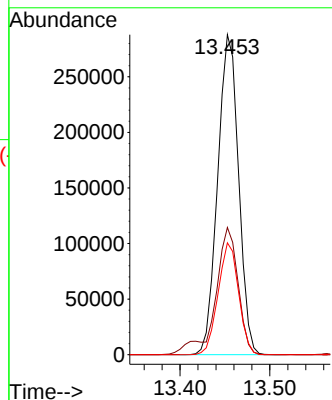


#47  
2-Chloronaphthalene  
Concen: 44.437 ng  
RT: 13.453 min Scan# 1  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

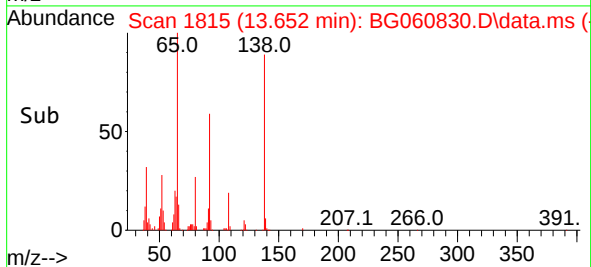
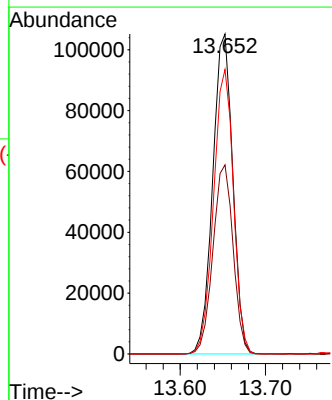
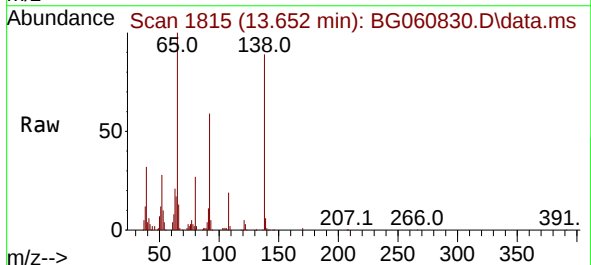


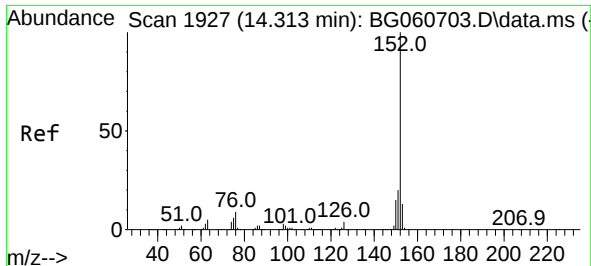
Tgt Ion:162 Resp: 464934  
Ion Ratio Lower Upper  
162 100  
127 39.8 30.6 46.0  
164 35.0 26.9 40.3



#48  
2-Nitroaniline  
Concen: 50.189 ng  
RT: 13.652 min Scan# 1815  
Delta R.T. -0.003 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

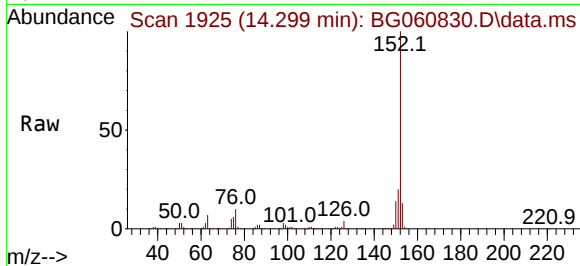
Tgt Ion: 65 Resp: 171611  
Ion Ratio Lower Upper  
65 100  
92 59.1 48.6 72.8  
138 88.9 72.2 108.4



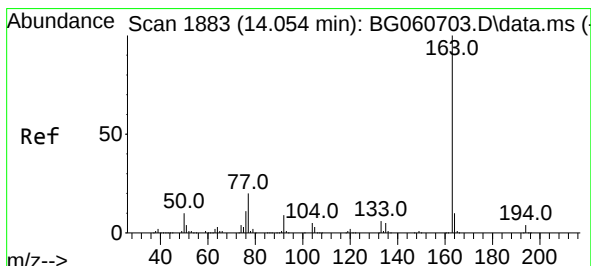
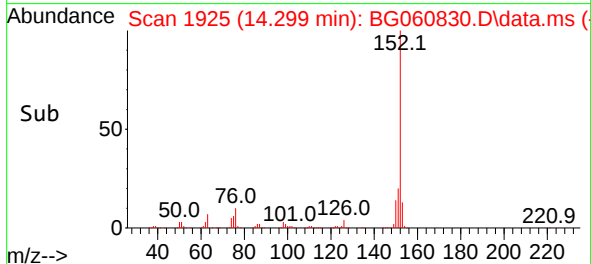
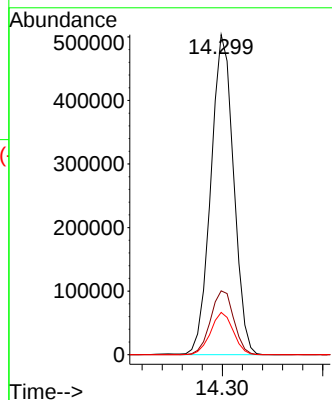


#49  
Acenaphthylene  
Concen: 45.063 ng  
RT: 14.299 min Scan# 1925  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

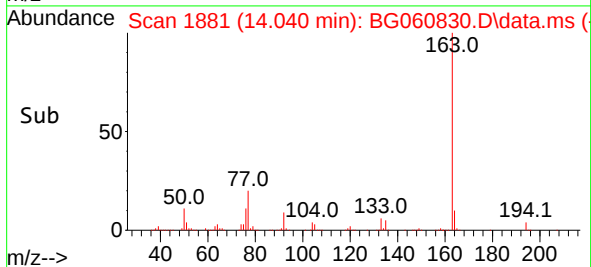
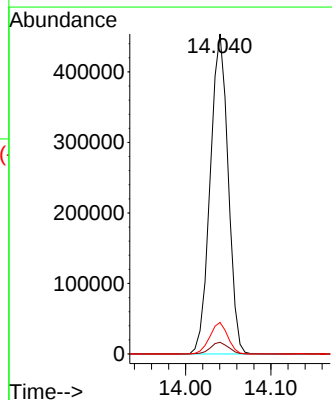
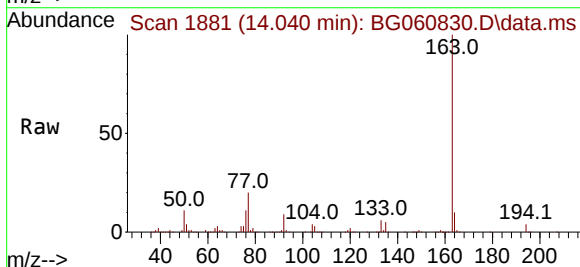


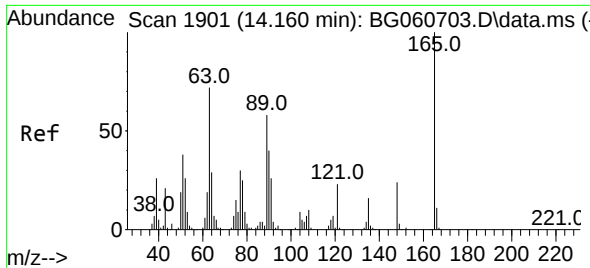
Tgt Ion:152 Resp: 792220  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.4 24.6  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 42.947 ng  
RT: 14.040 min Scan# 1881  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:163 Resp: 661823  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.6  
164 9.8 7.9 11.9

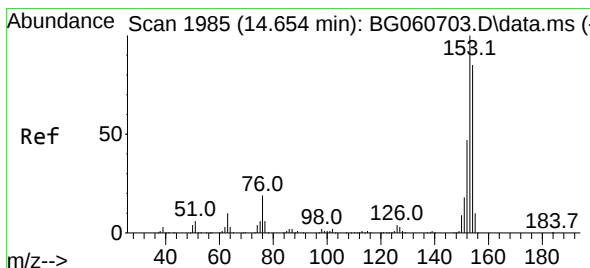
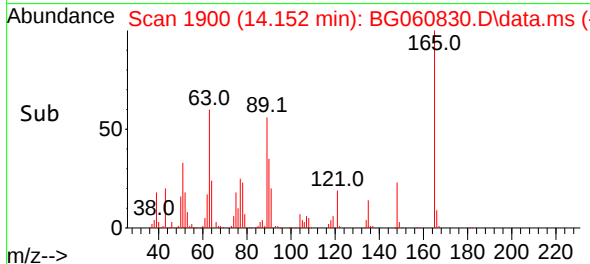
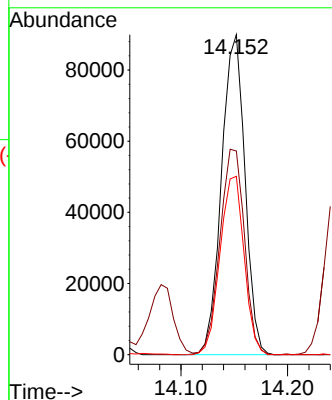
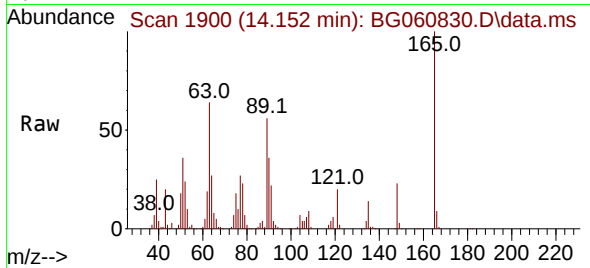




#51  
2,6-Dinitrotoluene  
Concen: 49.648 ng  
RT: 14.152 min Scan# 1901  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

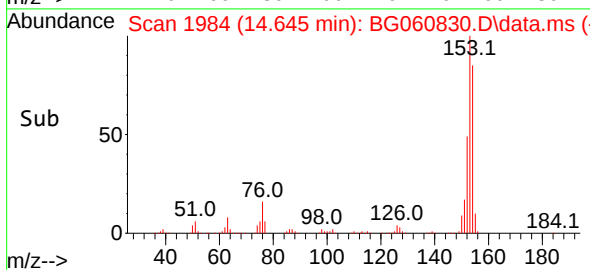
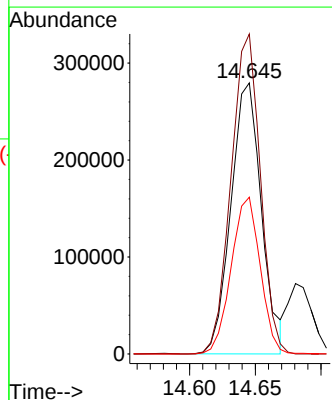
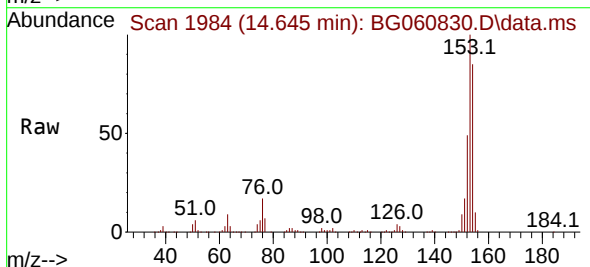
Instrument :  
BNA\_G  
ClientSampleId :

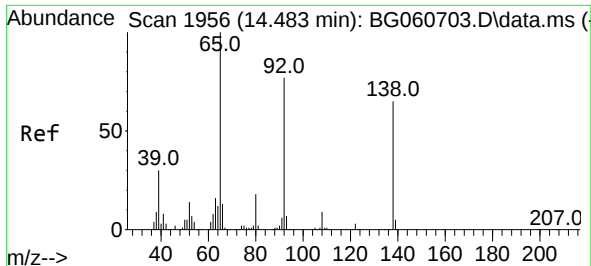
Tgt Ion:165 Resp: 137340  
Ion Ratio Lower Upper  
165 100  
63 63.7 58.2 87.4  
89 55.8 46.1 69.1



#52  
Acenaphthene  
Concen: 40.977 ng  
RT: 14.645 min Scan# 1984  
Delta R.T. -0.009 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:154 Resp: 452303  
Ion Ratio Lower Upper  
154 100  
153 118.0 93.9 140.9  
152 57.8 44.1 66.1

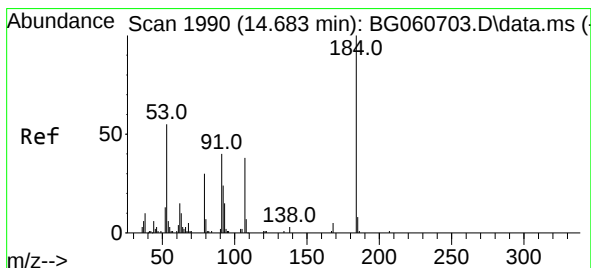
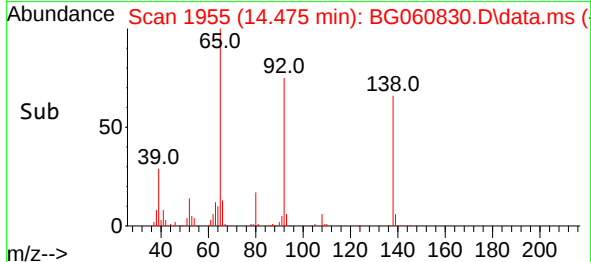
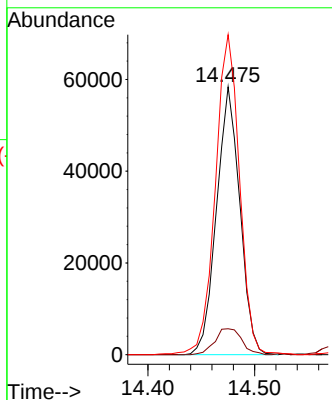
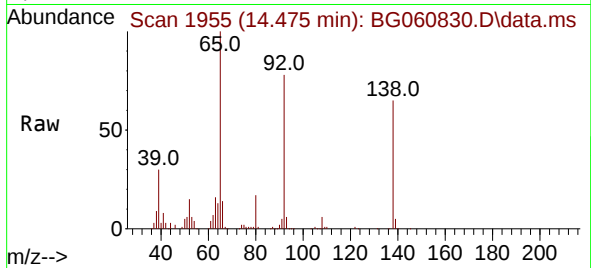




#53  
3-Nitroaniline  
Concen: 30.353 ng  
RT: 14.475 min Scan# 1955  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

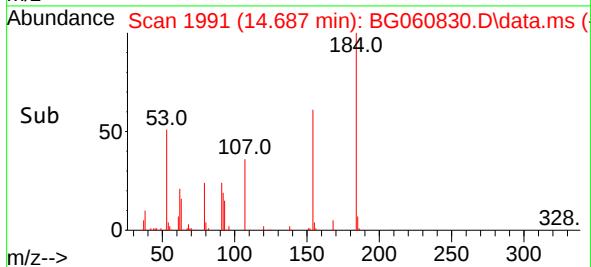
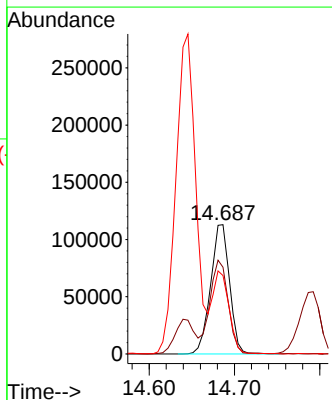
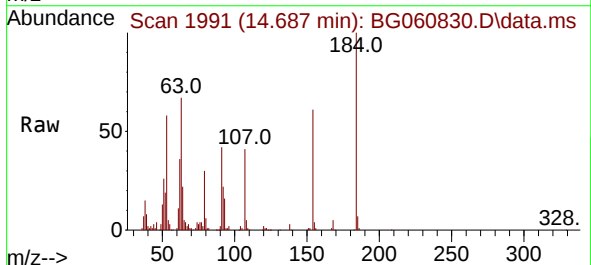
Instrument :  
BNA\_G  
ClientSampleId :

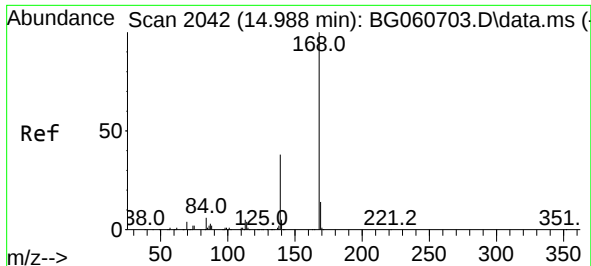
Tgt Ion:138 Resp: 88498  
Ion Ratio Lower Upper  
138 100  
108 9.7 11.3 16.9#  
92 119.5 94.1 141.1



#54  
2,4-Dinitrophenol  
Concen: 162.738 ng  
RT: 14.687 min Scan# 1991  
Delta R.T. 0.004 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:184 Resp: 174559  
Ion Ratio Lower Upper  
184 100  
63 67.1 51.3 76.9  
154 60.6 59.9 89.9

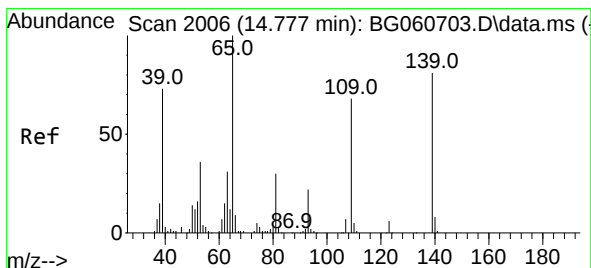
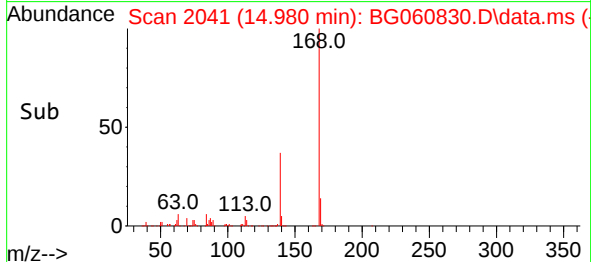
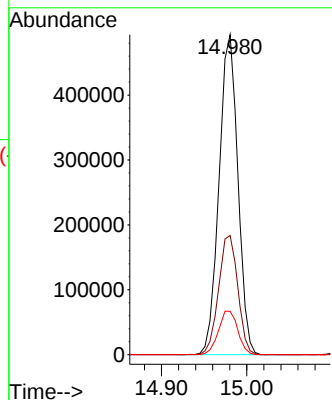
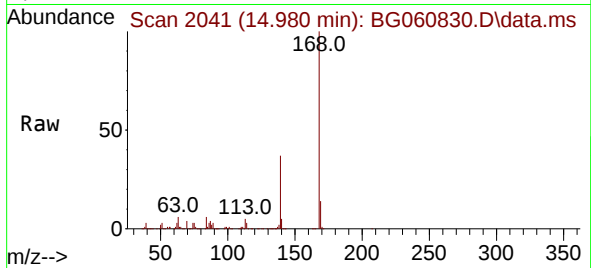




#55  
Dibenzofuran  
Concen: 43.350 ng  
RT: 14.980 min Scan# 2042  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

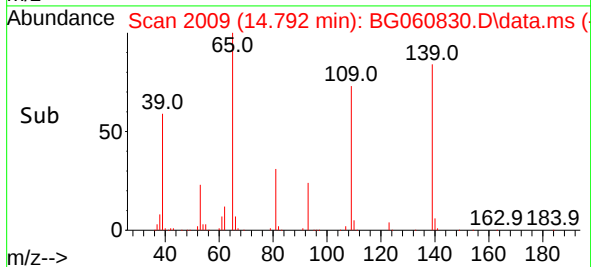
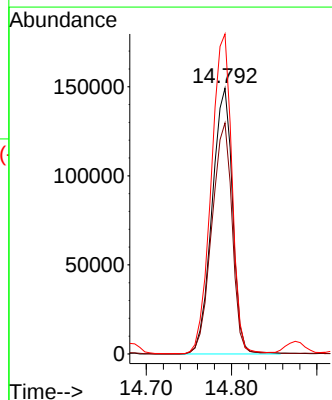
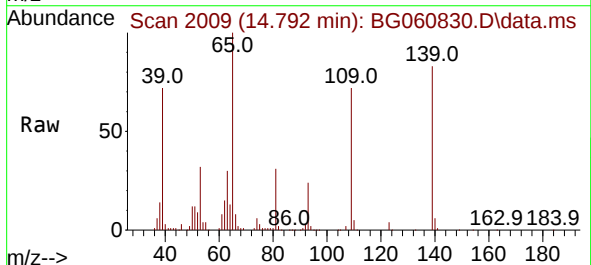
Instrument :  
BNA\_G  
ClientSampleId :

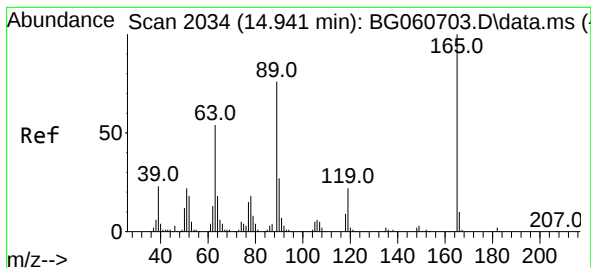
Tgt Ion:168 Resp: 754748  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.1 45.1  
169 13.6 11.0 16.4



#56  
4-Nitrophenol  
Concen: 110.301 ng  
RT: 14.792 min Scan# 2009  
Delta R.T. 0.015 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

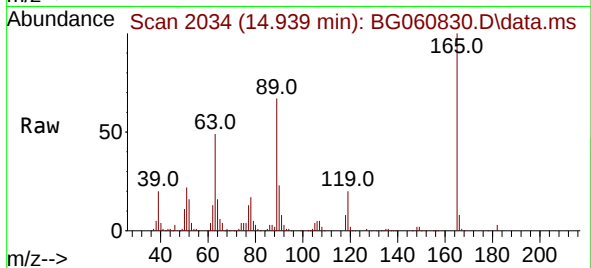
Tgt Ion:139 Resp: 248486  
Ion Ratio Lower Upper  
139 100  
109 86.9 64.0 104.0  
65 120.4 104.3 144.3



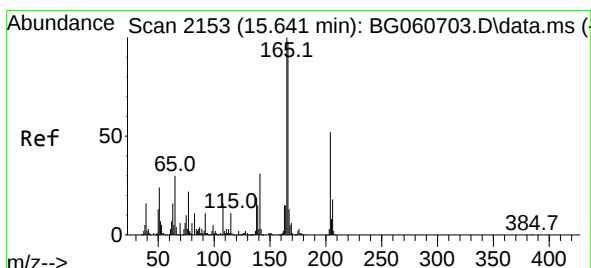
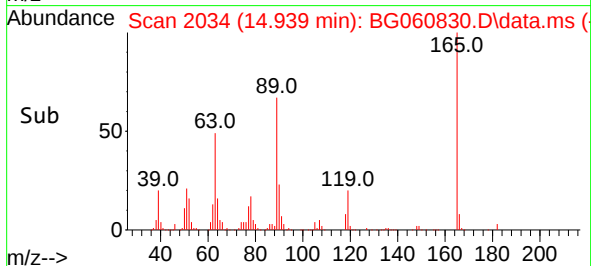
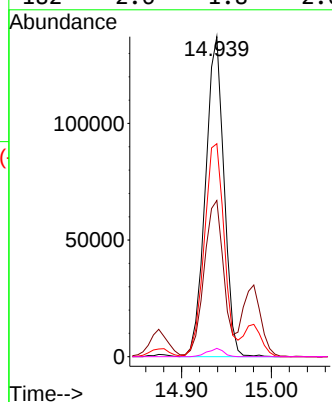


#57  
2,4-Dinitrotoluene  
Concen: 54.086 ng  
RT: 14.939 min Scan# 2034  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

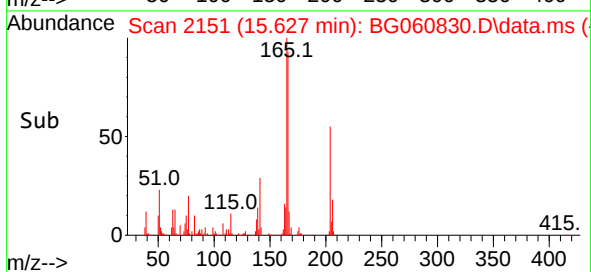
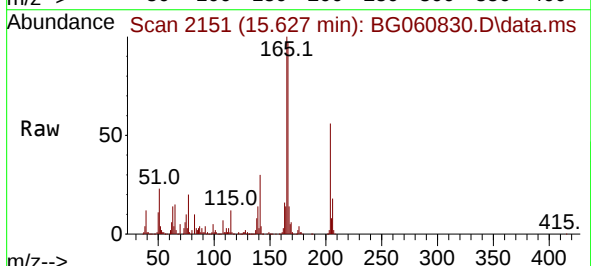
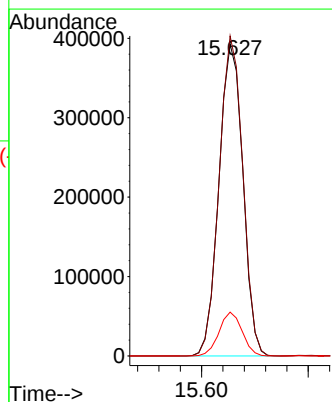


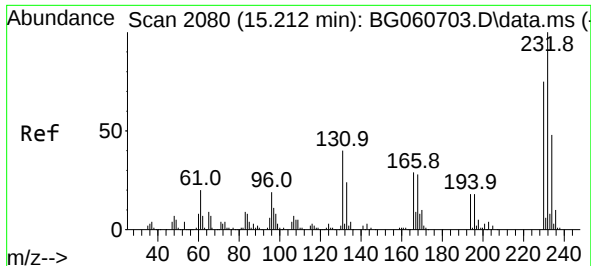
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 196889 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 48.8  | 43.4  | 65.0   |
| 89        | 66.5  | 61.0  | 91.6   |
| 182       | 2.6   | 1.8   | 2.6    |



#58  
Fluorene  
Concen: 43.869 ng  
RT: 15.627 min Scan# 2151  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

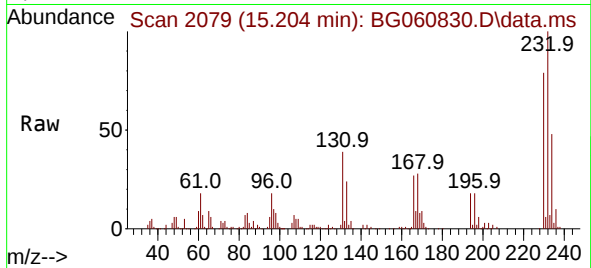
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 612992 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 102.6 | 81.8  | 122.8  |
| 167       | 14.1  | 10.9  | 16.3   |



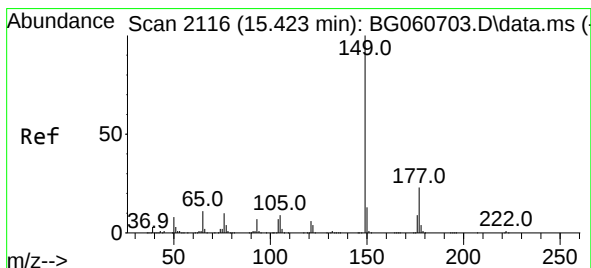
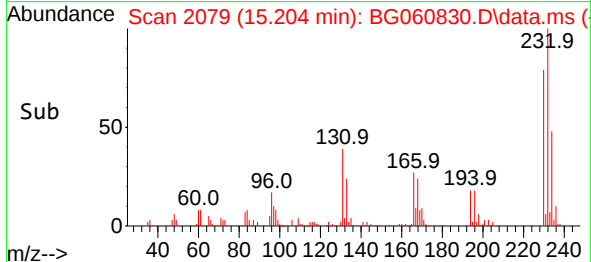
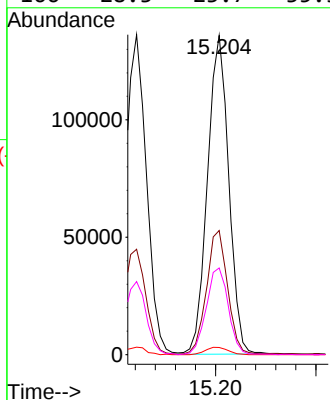


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.361 ng  
RT: 15.204 min Scan# 2080  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

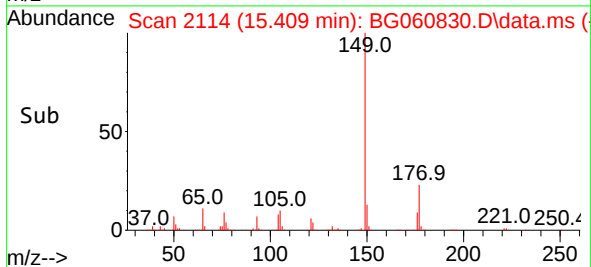
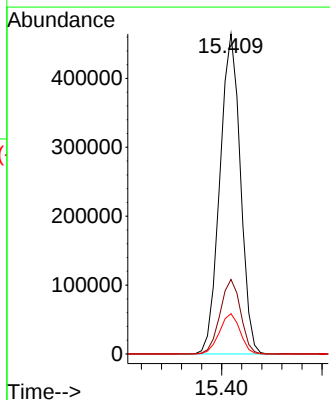
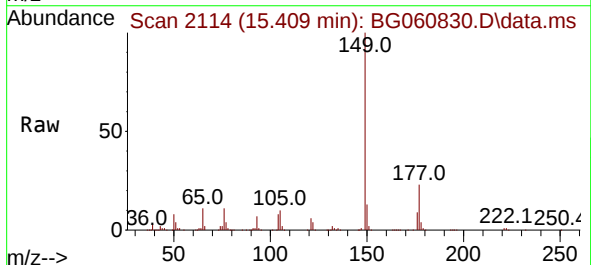


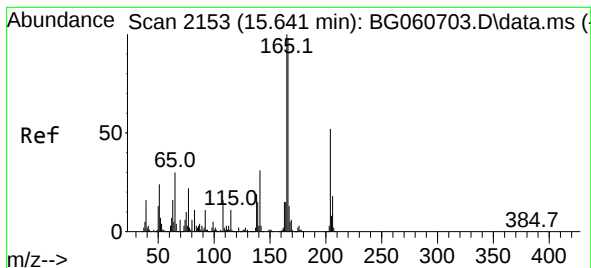
Tgt Ion:232 Resp: 200294  
Ion Ratio Lower Upper  
232 100  
131 38.2 32.2 48.2  
130 2.5 2.1 3.1  
166 28.3 23.7 35.5



#60  
Diethylphthalate  
Concen: 42.400 ng  
RT: 15.409 min Scan# 2114  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:149 Resp: 657352  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.0 27.0  
150 12.6 10.2 15.4

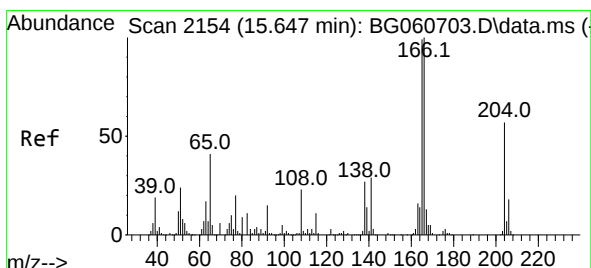
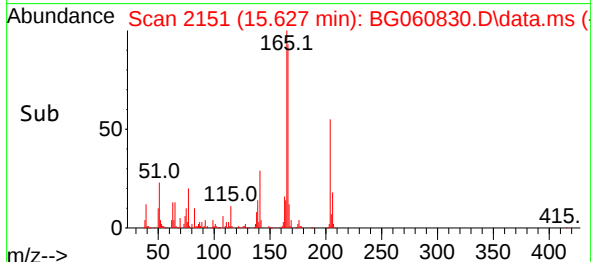
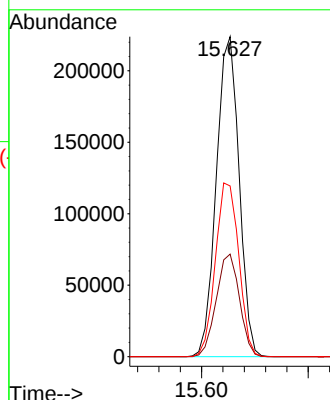
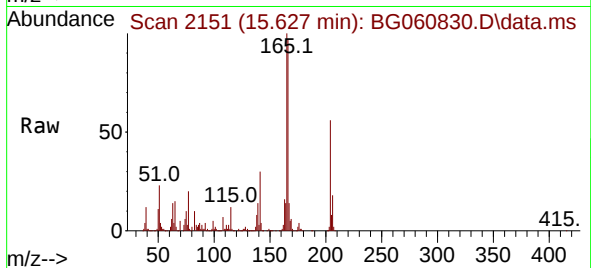




#61  
4-Chlorophenyl-phenylether  
Concen: 44.839 ng  
RT: 15.627 min Scan# 2151  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

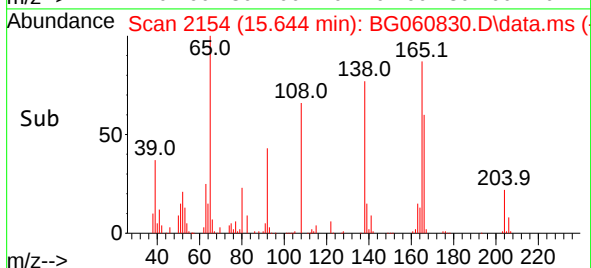
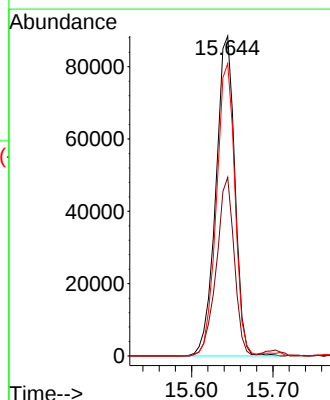
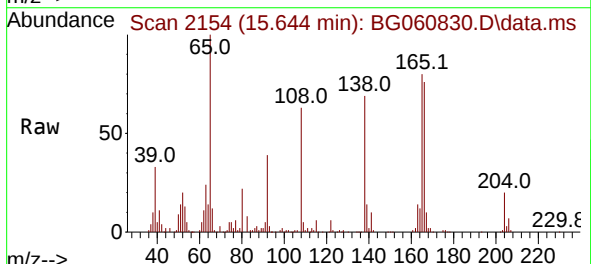
Instrument :  
BNA\_G  
ClientSampleId :

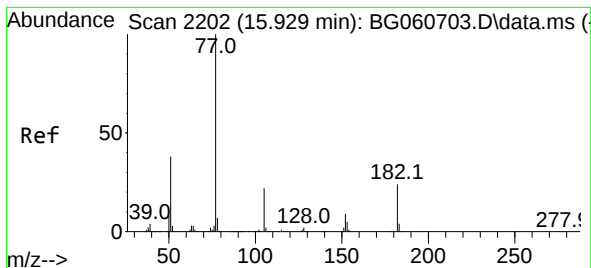
Tgt Ion:204 Resp: 331473  
Ion Ratio Lower Upper  
204 100  
206 32.0 28.3 42.5  
141 53.3 47.2 70.8



#62  
4-Nitroaniline  
Concen: 51.097 ng  
RT: 15.644 min Scan# 2154  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:138 Resp: 143963  
Ion Ratio Lower Upper  
138 100  
92 55.8 36.8 76.8  
108 91.4 66.9 106.9





#63

Azobenzene

Concen: 41.130 ng

RT: 15.920 min Scan# 21

Delta R.T. -0.009 min

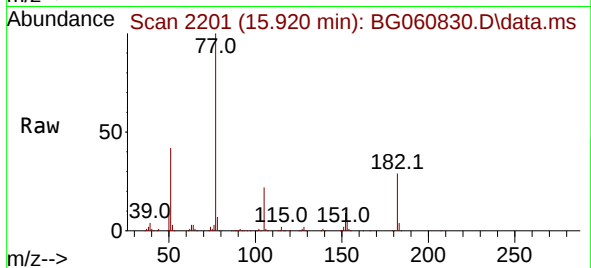
Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion: 77 Resp: 621371

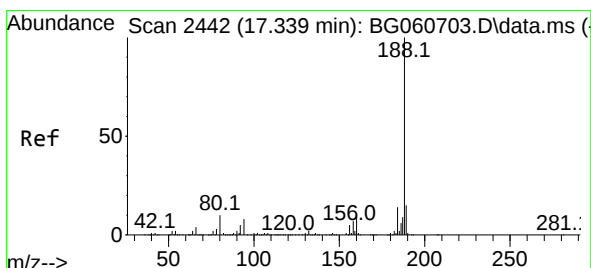
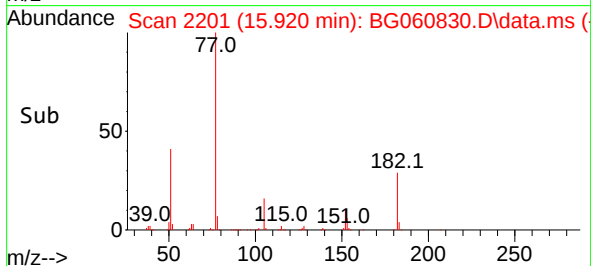
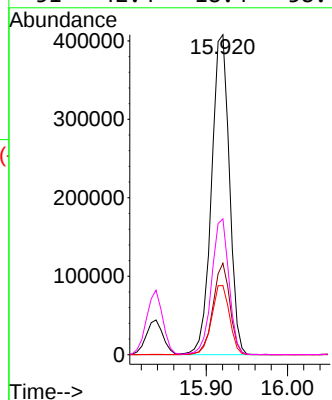
Ion Ratio Lower Upper

77 100

182 28.5 3.9 43.9

105 21.6 1.7 41.7

51 42.4 18.4 58.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2440

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

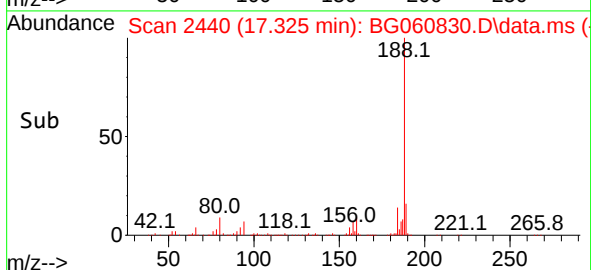
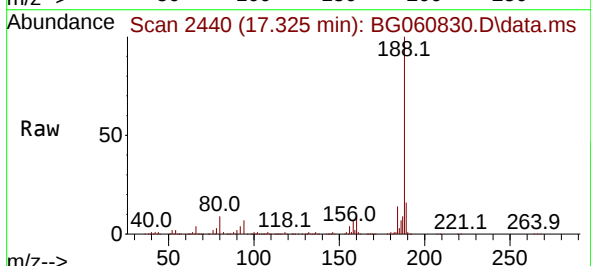
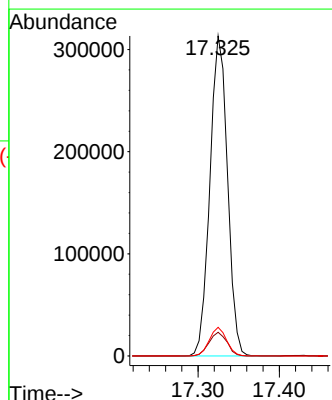
Tgt Ion:188 Resp: 470748

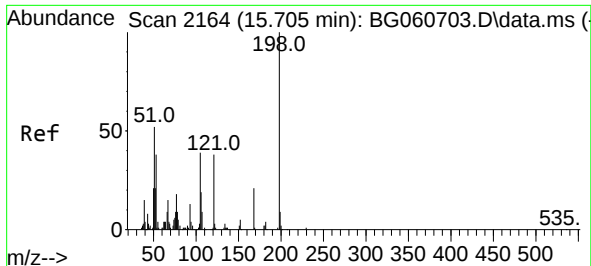
Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

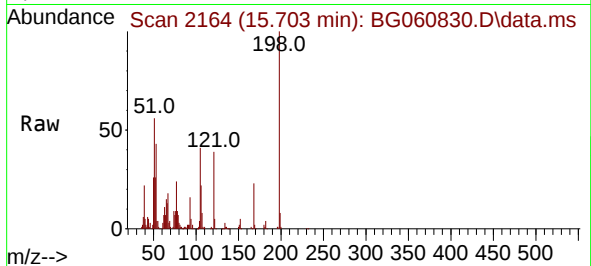
80 9.0 7.6 11.4



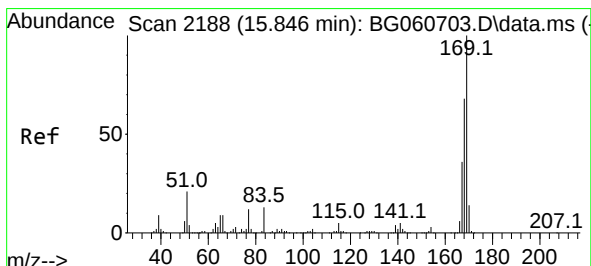
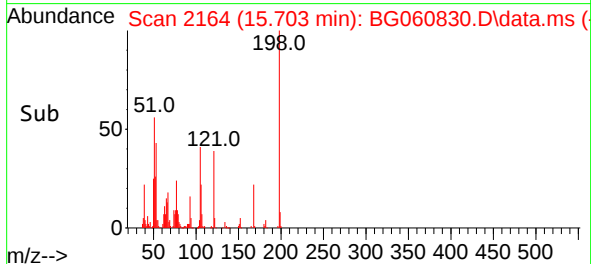
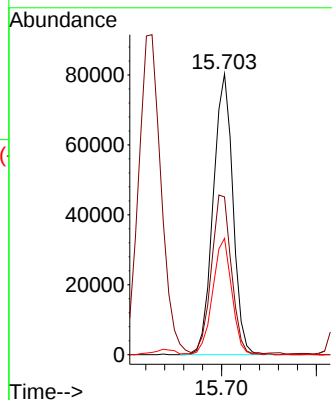


#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.751 ng  
RT: 15.703 min Scan# 2164  
Delta R.T. -0.002 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

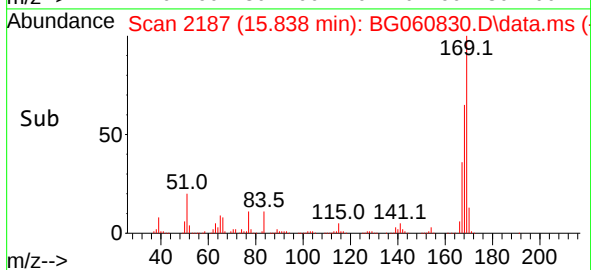
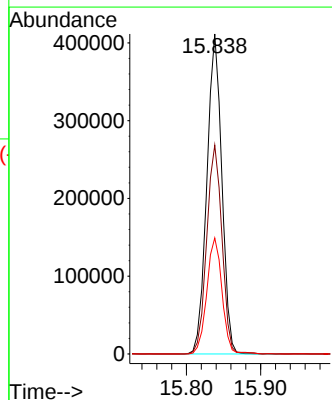
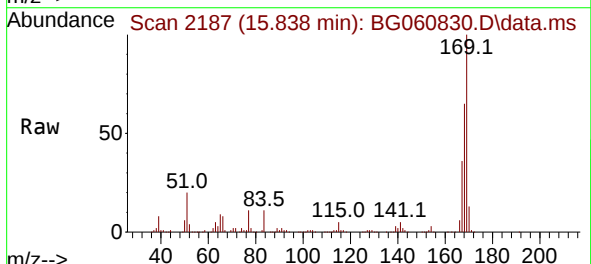


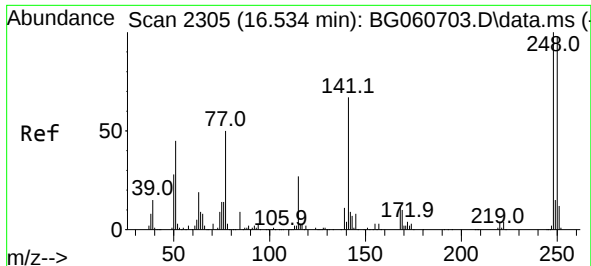
Tgt Ion:198 Resp: 115446  
Ion Ratio Lower Upper  
198 100  
51 56.2 36.7 76.7  
105 41.5 19.1 59.1



#66  
n-Nitrosodiphenylamine  
Concen: 42.835 ng  
RT: 15.838 min Scan# 2187  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:169 Resp: 576228  
Ion Ratio Lower Upper  
169 100  
168 65.2 54.5 81.7  
167 36.3 29.2 43.8

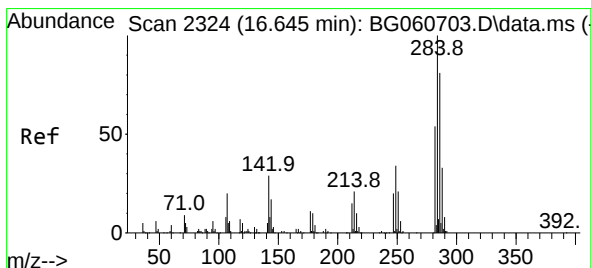
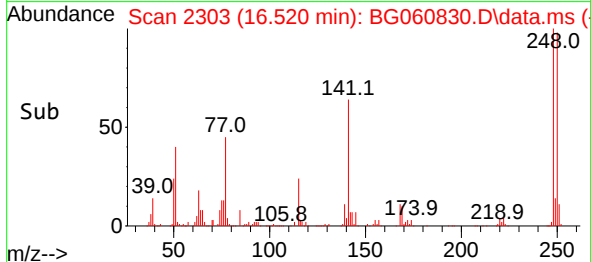
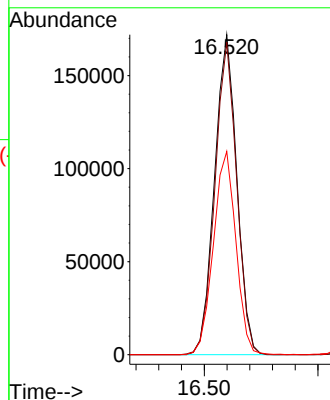
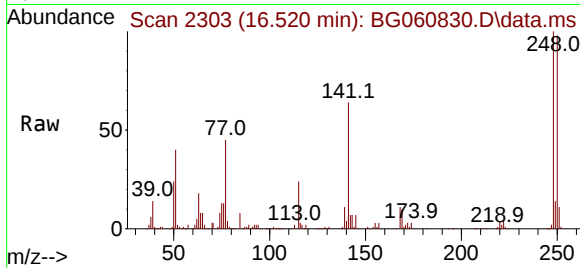




#67  
4-Bromophenyl-phenylether  
Concen: 48.955 ng  
RT: 16.520 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

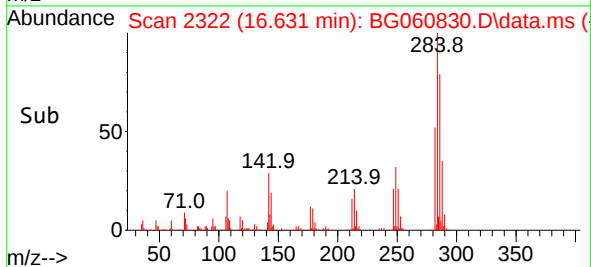
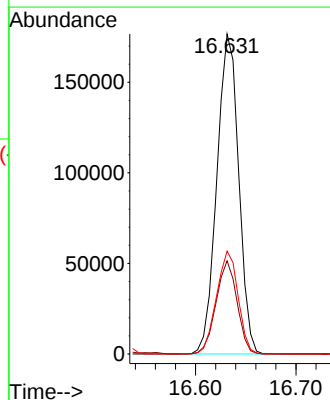
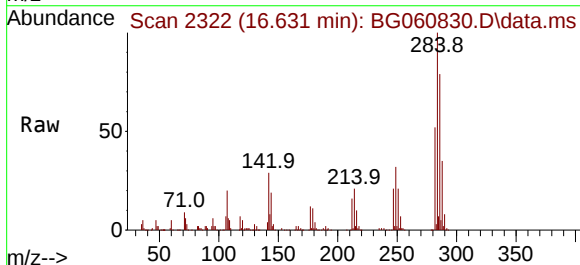
Instrument :  
BNA\_G  
ClientSampleId :

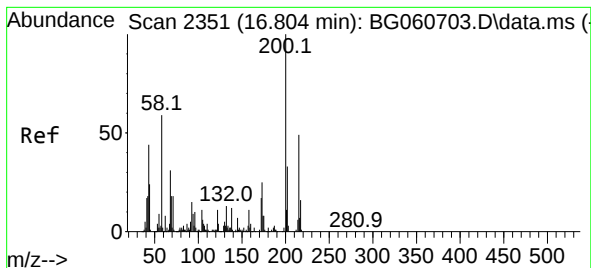
Tgt Ion:248 Resp: 233879  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.3 117.5  
141 63.5 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 49.360 ng  
RT: 16.631 min Scan# 2322  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:284 Resp: 266206  
Ion Ratio Lower Upper  
284 100  
142 29.1 22.9 34.3  
249 32.1 27.1 40.7





#69

Atrazine

Concen: 37.964 ng

RT: 16.790 min Scan# 21

Delta R.T. -0.014 min

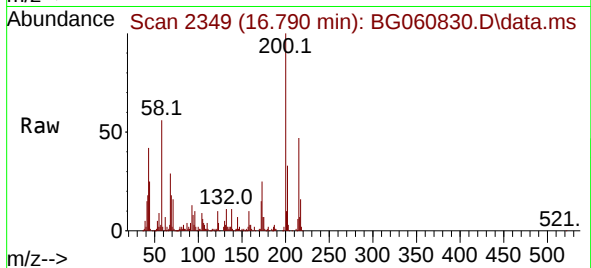
Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :



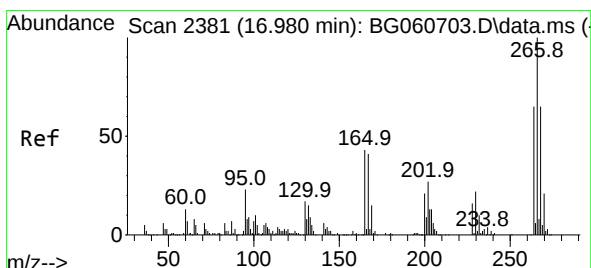
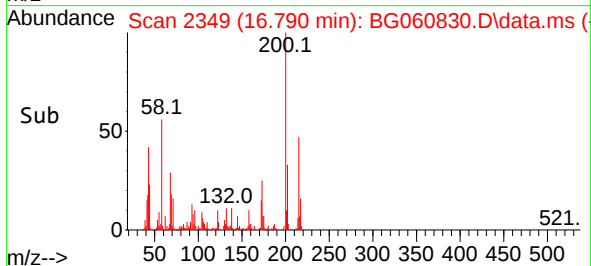
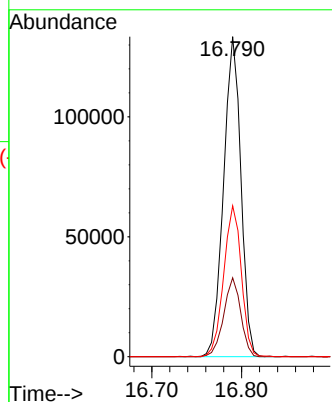
Tgt Ion:200 Resp: 178589

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 200 | 100 |  |  |
|-----|-----|--|--|

|     |      |     |      |
|-----|------|-----|------|
| 173 | 24.7 | 5.2 | 45.2 |
|-----|------|-----|------|

|     |      |      |      |
|-----|------|------|------|
| 215 | 47.2 | 28.8 | 68.8 |
|-----|------|------|------|



#70

Pentachlorophenol

Concen: 100.478 ng

RT: 16.978 min Scan# 2381

Delta R.T. -0.002 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

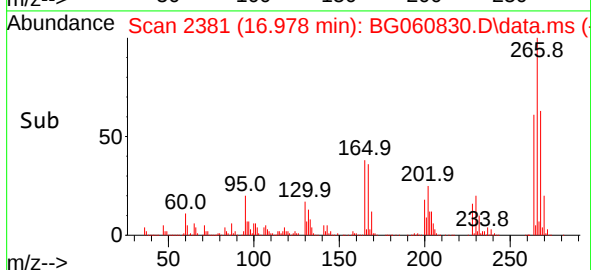
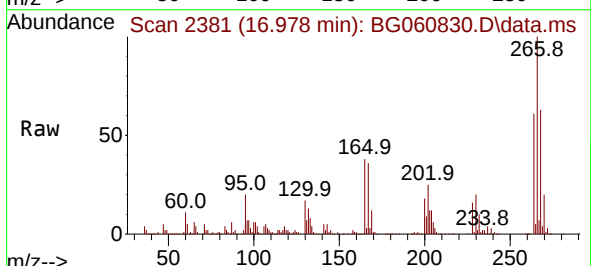
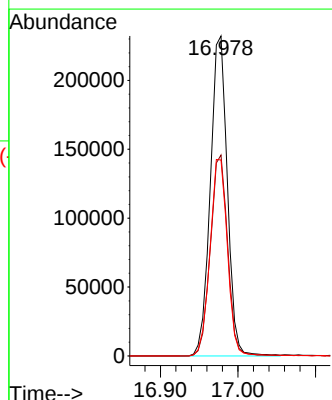
Tgt Ion:266 Resp: 353586

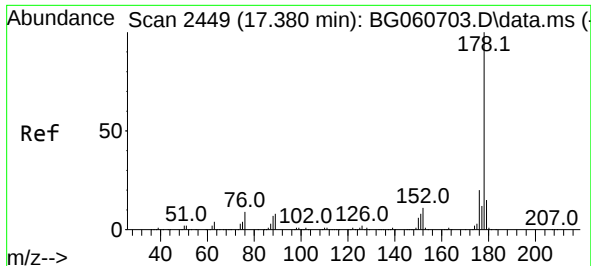
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 266 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 268 | 62.8 | 52.2 | 78.4 |
|-----|------|------|------|

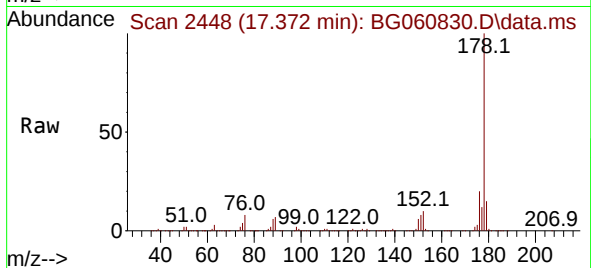
|     |      |      |      |
|-----|------|------|------|
| 264 | 61.3 | 51.8 | 77.6 |
|-----|------|------|------|



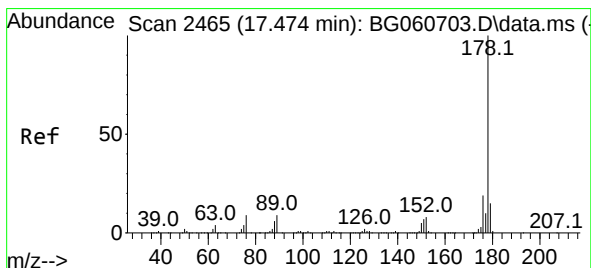
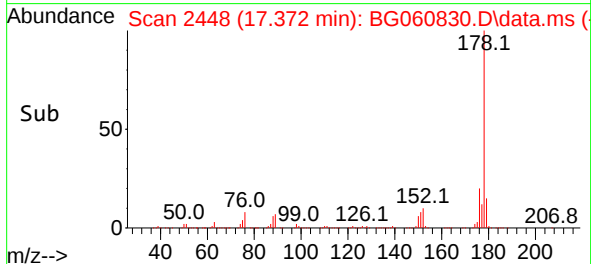
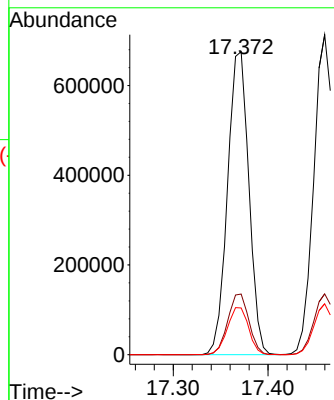


#71  
Phenanthrene  
Concen: 43.049 ng  
RT: 17.372 min Scan# 2448  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

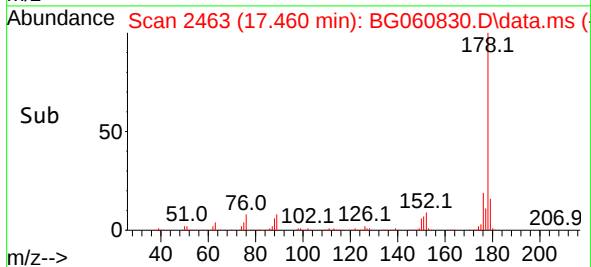
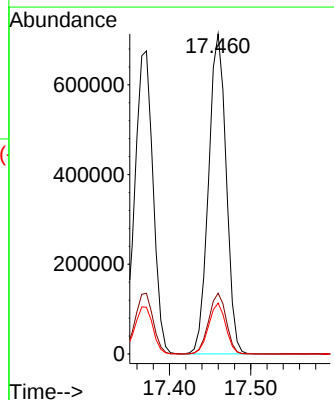
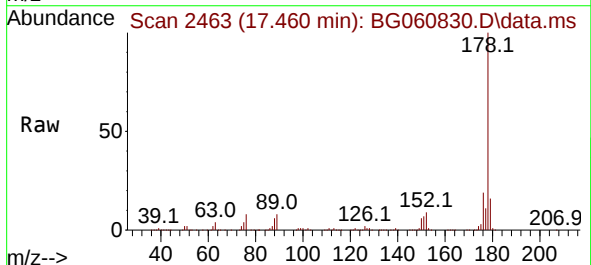


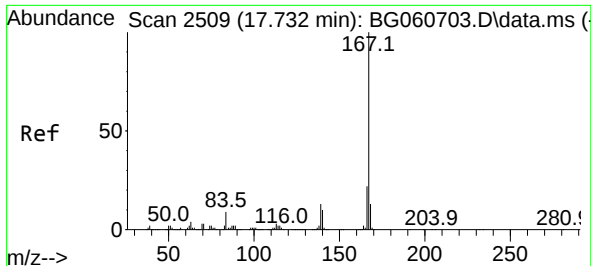
Tgt Ion:178 Resp: 1053960  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.6  
179 15.4 12.2 18.4



#72  
Anthracene  
Concen: 43.081 ng  
RT: 17.460 min Scan# 2463  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:178 Resp: 1071161  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.9 12.2 18.2

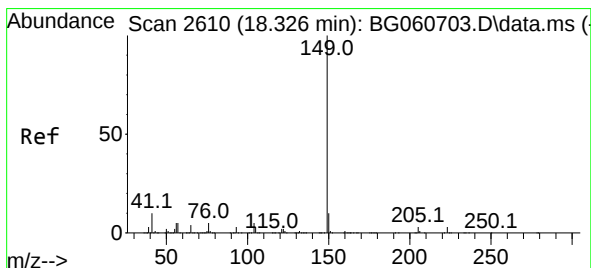
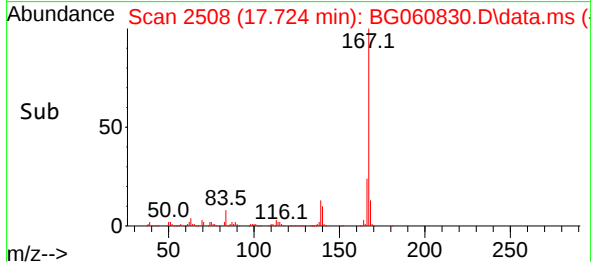
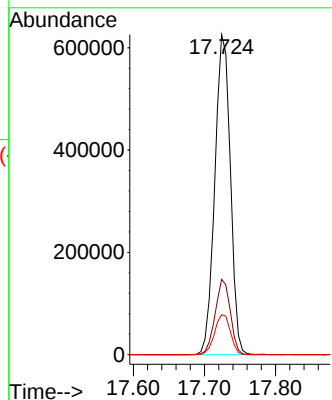
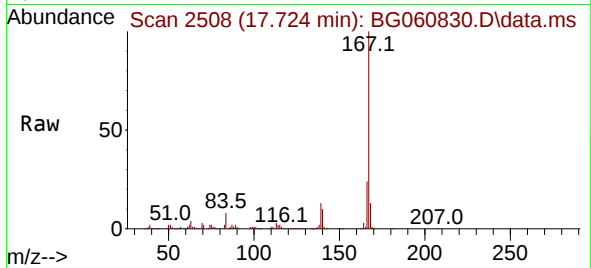




#73  
Carbazole  
Concen: 43.267 ng  
RT: 17.724 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

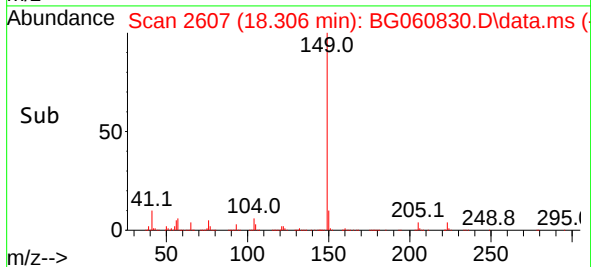
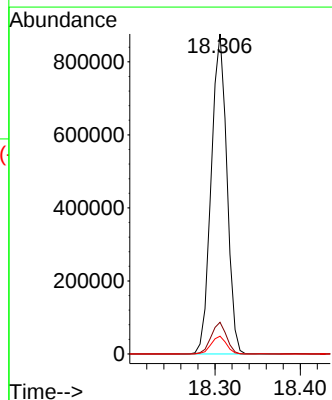
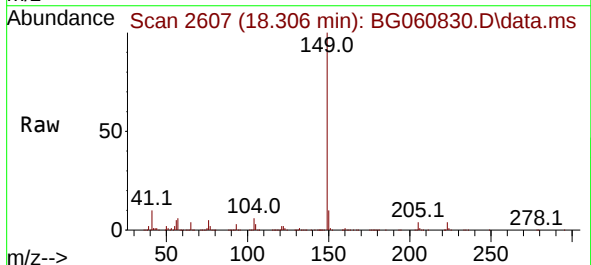
Instrument :  
BNA\_G  
ClientSampleId :

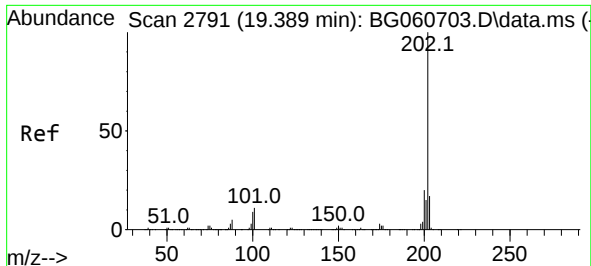
Tgt Ion:167 Resp: 948497  
Ion Ratio Lower Upper  
167 100  
166 23.5 18.0 27.0  
139 12.5 10.5 15.7



#74  
Di-n-butylphthalate  
Concen: 41.023 ng  
RT: 18.306 min Scan# 2607  
Delta R.T. -0.020 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

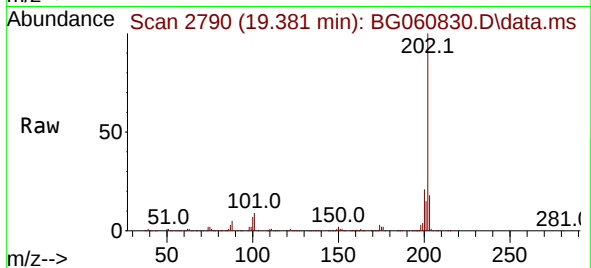
Tgt Ion:149 Resp: 1121169  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.7 11.5  
104 5.6 4.2 6.4



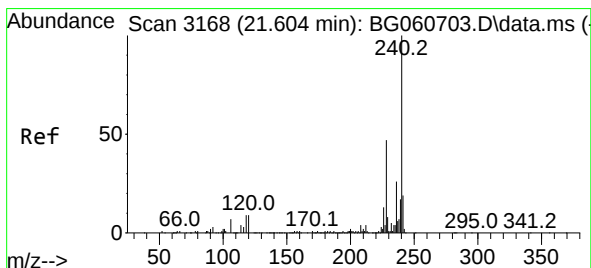
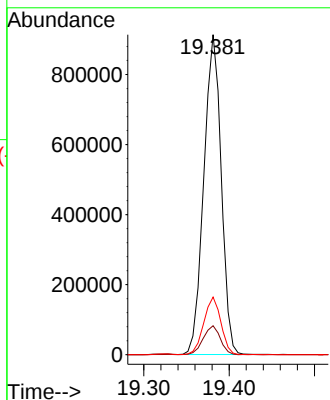
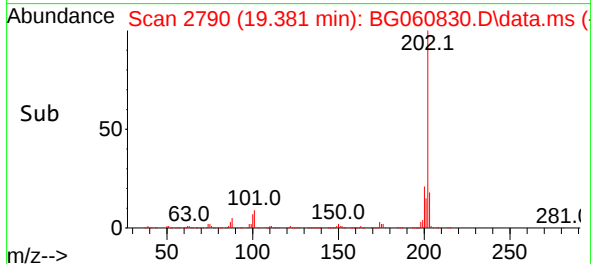


#75  
Fluoranthene  
Concen: 43.511 ng  
RT: 19.381 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

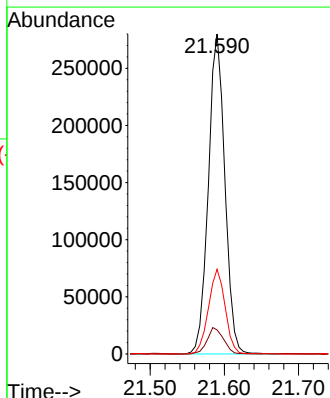
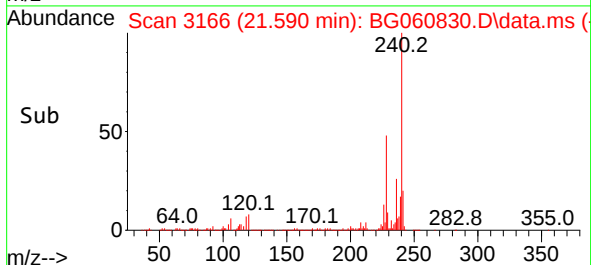
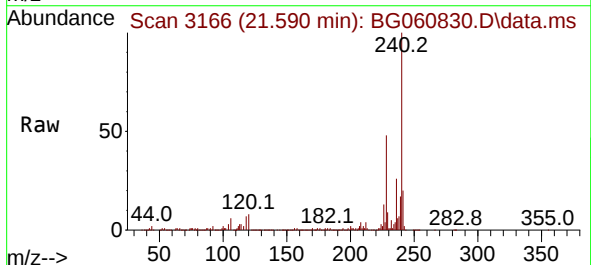


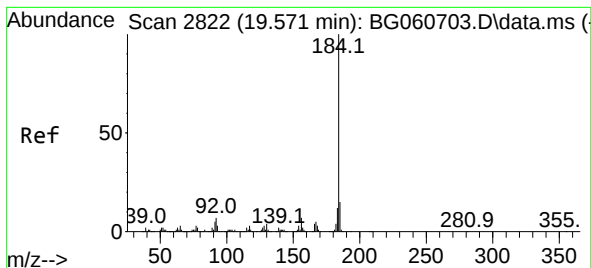
Tgt Ion:202 Resp: 1292638  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 30.8  
203 18.0 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.590 min Scan# 3166  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:240 Resp: 433148  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.1 10.7  
236 26.4 20.7 31.1





#77

Benzidine

Concen: 32.784 ng

RT: 19.557 min Scan# 2820

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

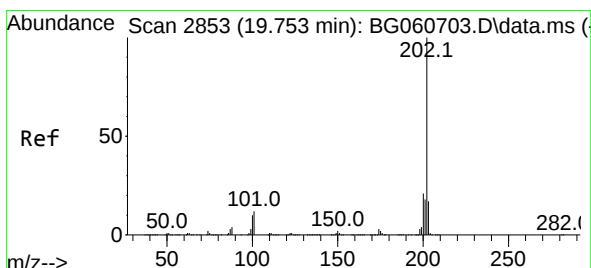
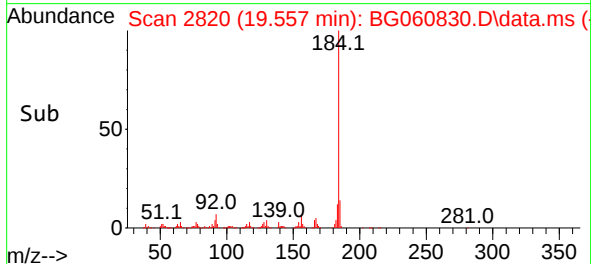
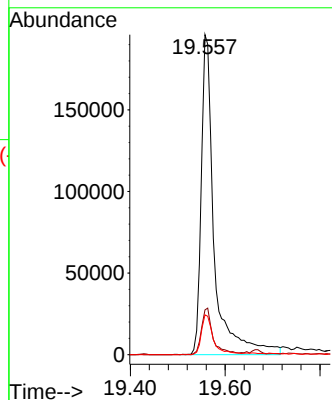
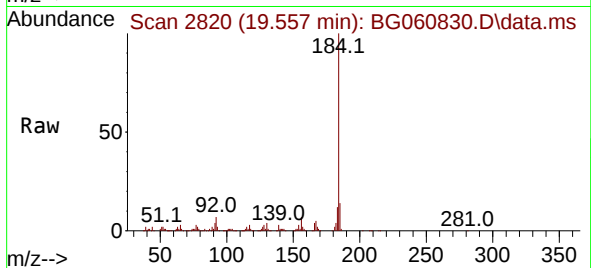
Tgt Ion:184 Resp: 373924

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

183 12.5 9.5 14.3



#78

Pyrene

Concen: 44.016 ng

RT: 19.739 min Scan# 2851

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

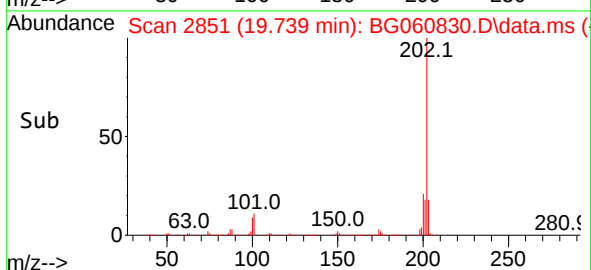
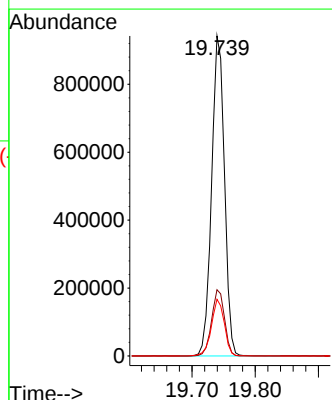
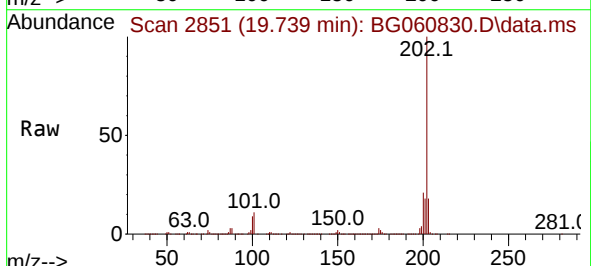
Tgt Ion:202 Resp: 1333386

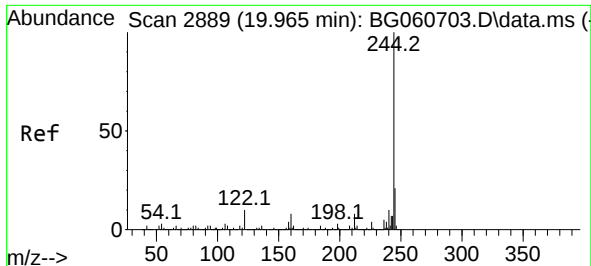
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

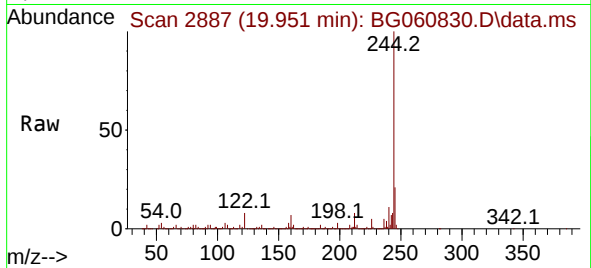
203 17.7 14.0 21.0



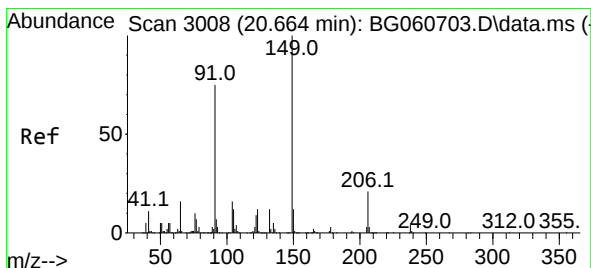
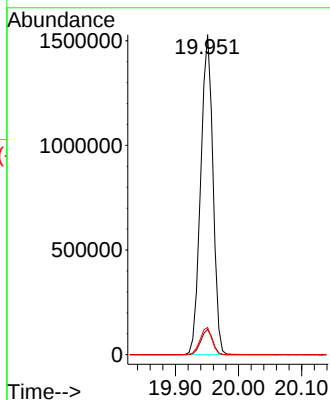
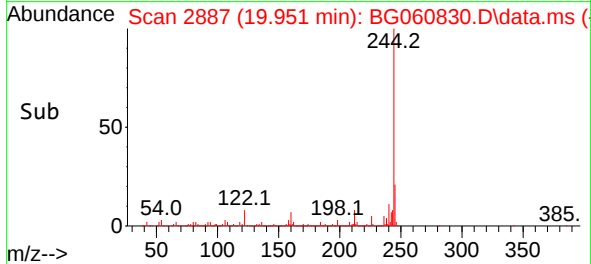


#79  
 Terphenyl-d14  
 Concen: 83.482 ng  
 RT: 19.951 min Scan# 21  
 Delta R.T. -0.014 min  
 Lab File: BG060830.D  
 Acq: 8 Apr 2024 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :

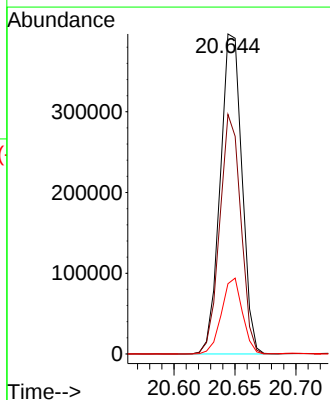
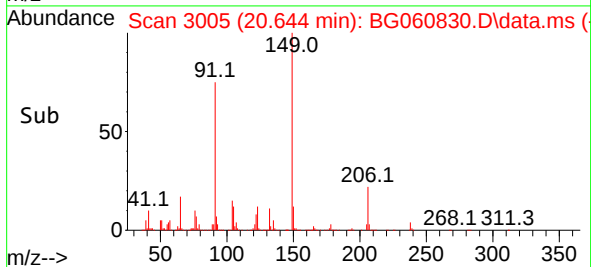
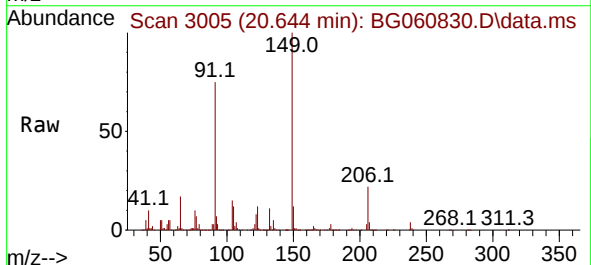


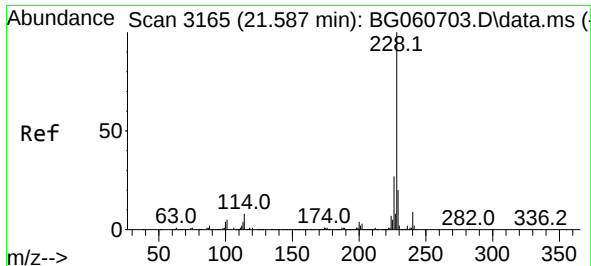
Tgt Ion:244 Resp: 2053565  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.2  
 122 8.5 7.8 11.8



#80  
 Butylbenzylphthalate  
 Concen: 44.502 ng  
 RT: 20.644 min Scan# 3005  
 Delta R.T. -0.020 min  
 Lab File: BG060830.D  
 Acq: 8 Apr 2024 17:54

Tgt Ion:149 Resp: 491771  
 Ion Ratio Lower Upper  
 149 100  
 91 74.9 60.1 90.1  
 206 22.0 16.8 25.2

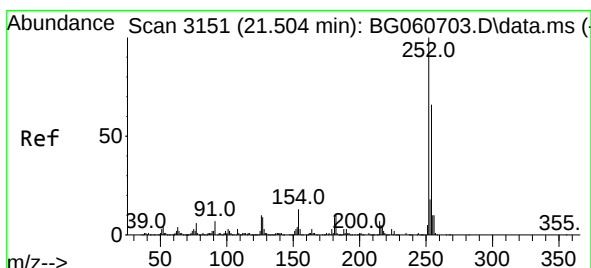
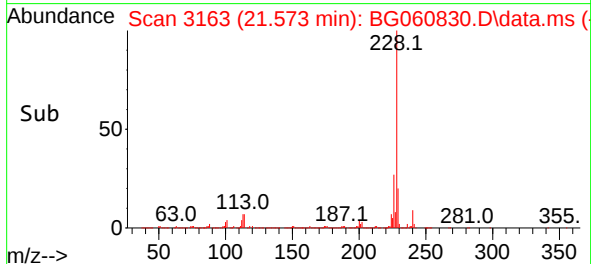
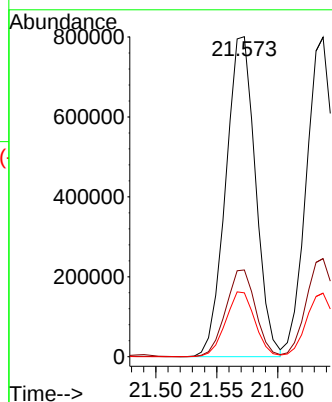
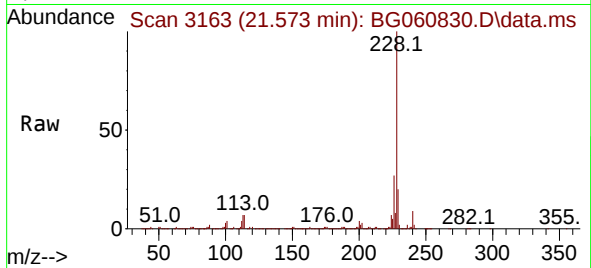




#81  
Benzo(a)anthracene  
Concen: 44.548 ng  
RT: 21.573 min Scan# 3165  
Delta R.T. -0.014 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

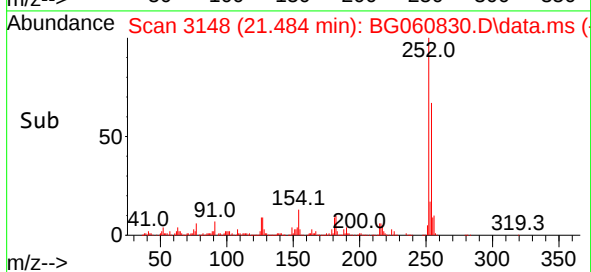
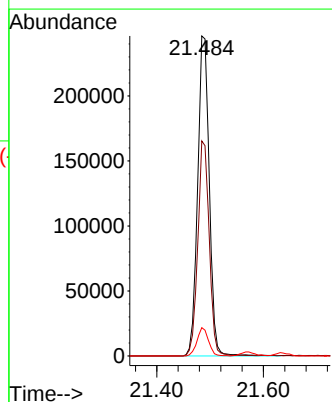
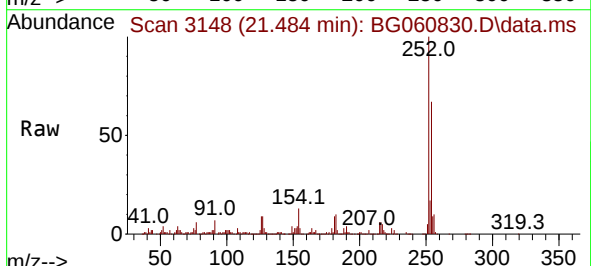
Instrument :  
BNA\_G  
ClientSampleId :

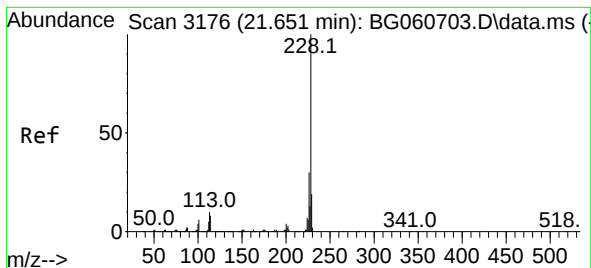
Tgt Ion:228 Resp: 1360152  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 19.9 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 36.119 ng  
RT: 21.484 min Scan# 3148  
Delta R.T. -0.020 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:252 Resp: 372361  
Ion Ratio Lower Upper  
252 100  
254 67.2 52.6 78.8  
126 8.9 7.8 11.8





#83

Chrysene

Concen: 43.606 ng

RT: 21.637 min Scan# 3174

Delta R.T. -0.014 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

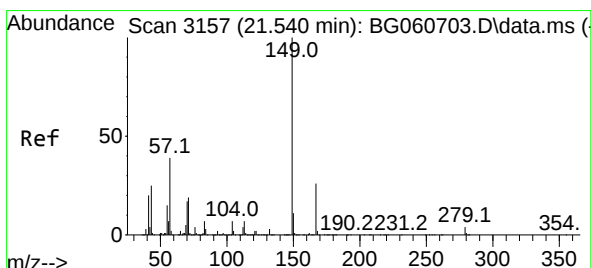
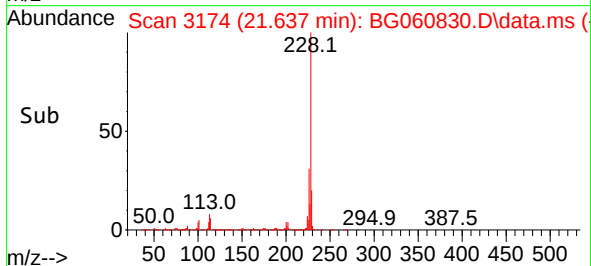
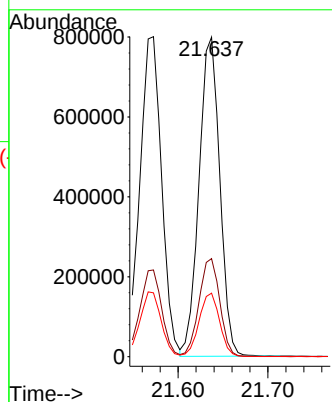
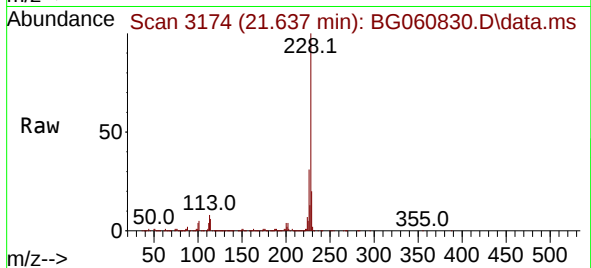
Tgt Ion:228 Resp: 1283262

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.051 ng

RT: 21.508 min Scan# 3152

Delta R.T. -0.032 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

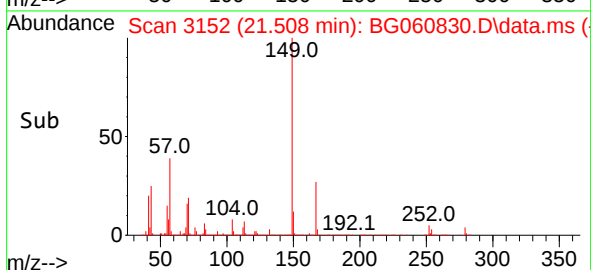
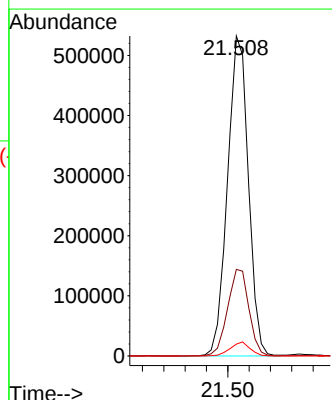
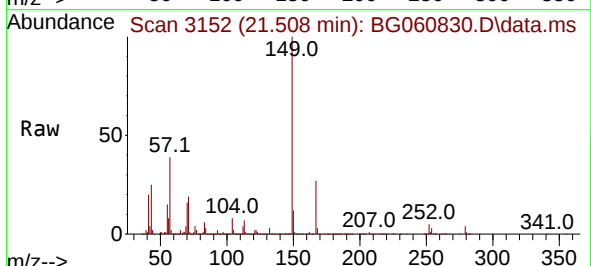
Tgt Ion:149 Resp: 723043

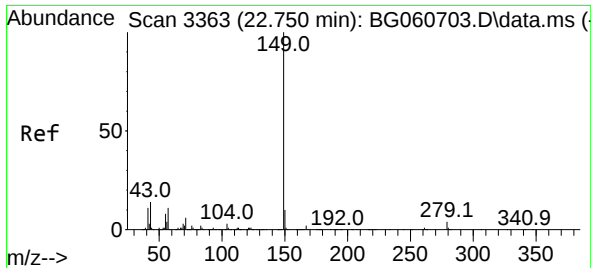
Ion Ratio Lower Upper

149 100

167 27.0 20.6 30.8

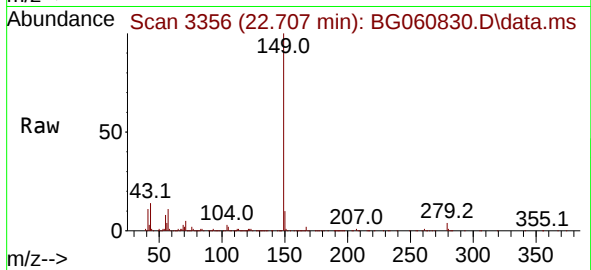
279 3.7 3.0 4.4



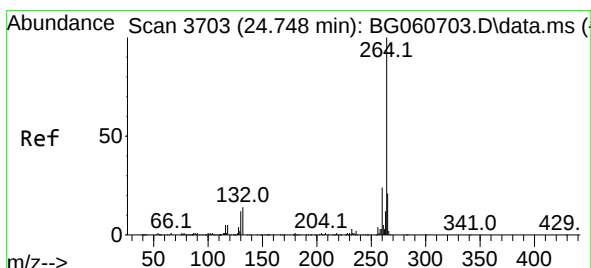
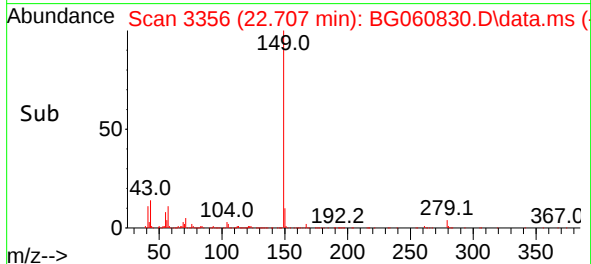
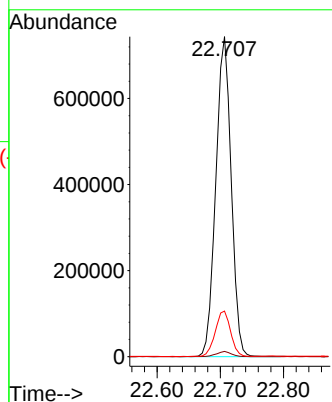


#85  
Di-n-octyl phthalate  
Concen: 43.748 ng  
RT: 22.707 min Scan# 31  
Delta R.T. -0.043 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

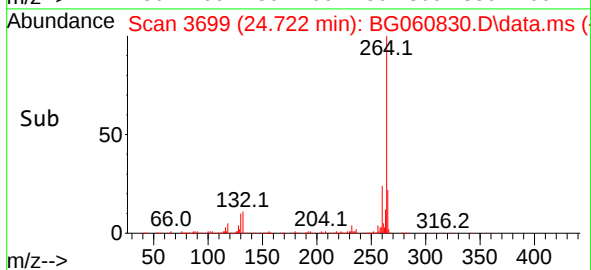
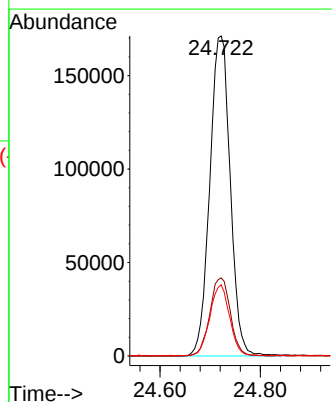
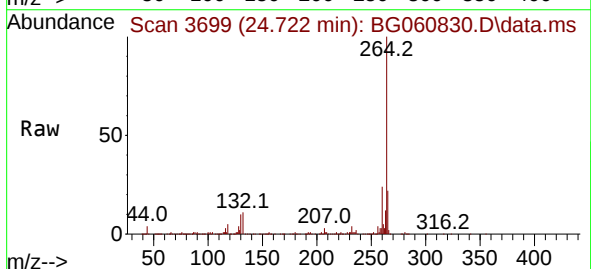


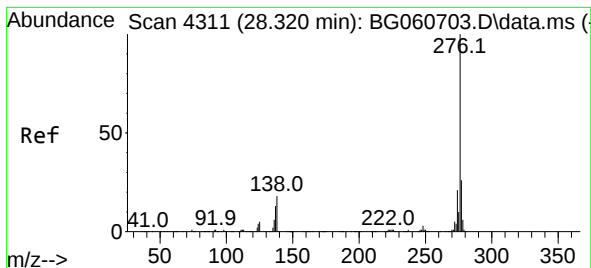
Tgt Ion:149 Resp: 1255295  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 14.2 11.3 16.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.722 min Scan# 3699  
Delta R.T. -0.026 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:264 Resp: 484134  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.5 29.3  
265 22.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.070 ng

RT: 28.282 min Scan# 41

Delta R.T. -0.038 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

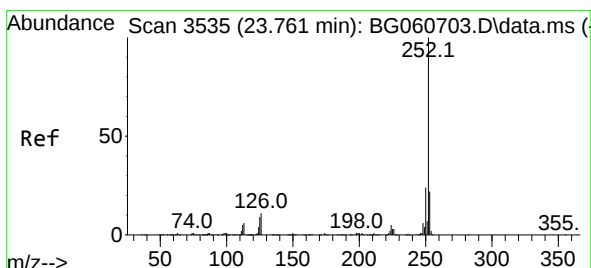
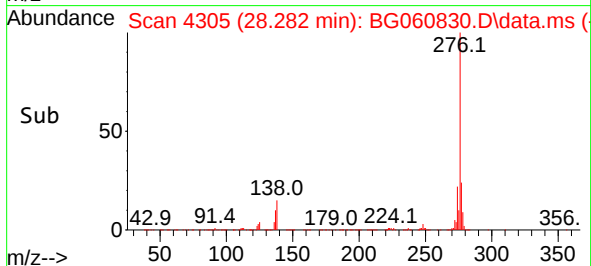
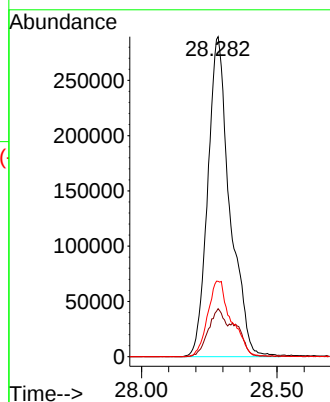
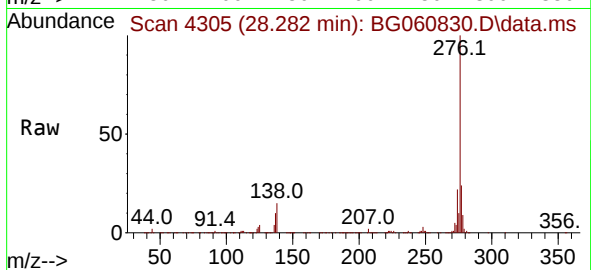
Tgt Ion:276 Resp: 1638835

Ion Ratio Lower Upper

276 100

138 11.6 12.4 18.6#

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.760 ng

RT: 23.735 min Scan# 3531

Delta R.T. -0.026 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

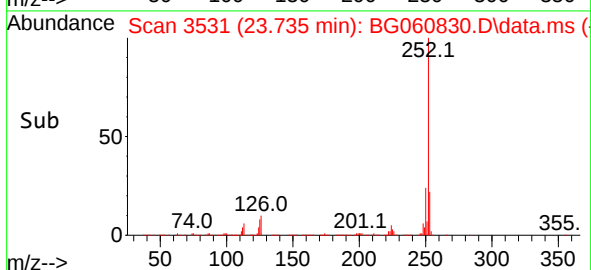
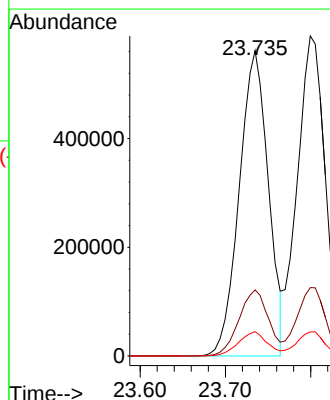
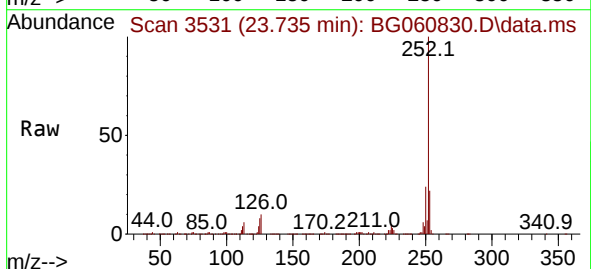
Tgt Ion:252 Resp: 1328366

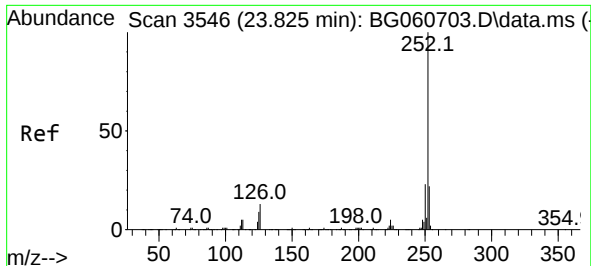
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.662 ng

RT: 23.735 min Scan# 3

Delta R.T. -0.090 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

Instrument :

BNA\_G

ClientSampleId :

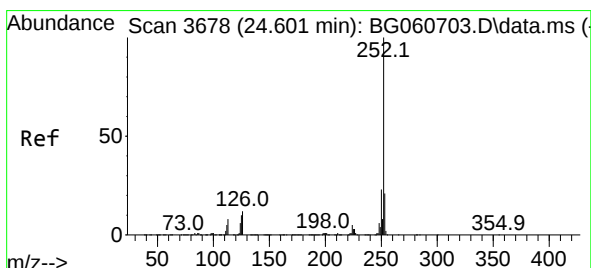
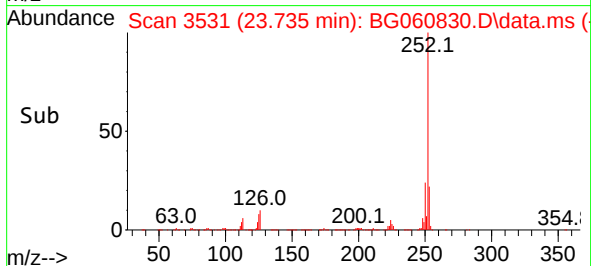
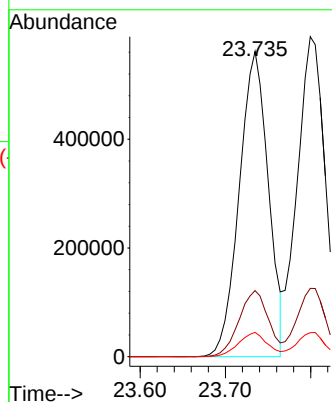
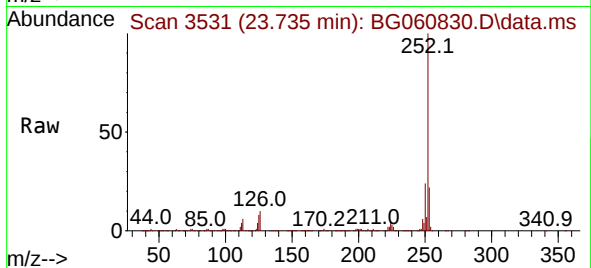
Tgt Ion:252 Resp: 1328366

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.400 ng

RT: 24.575 min Scan# 3674

Delta R.T. -0.026 min

Lab File: BG060830.D

Acq: 8 Apr 2024 17:54

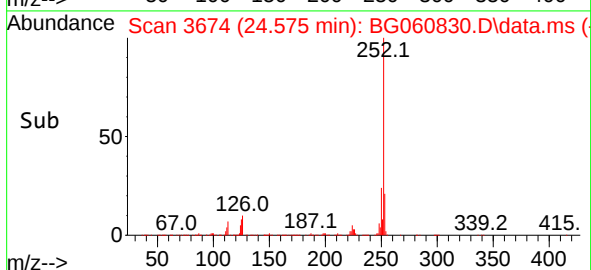
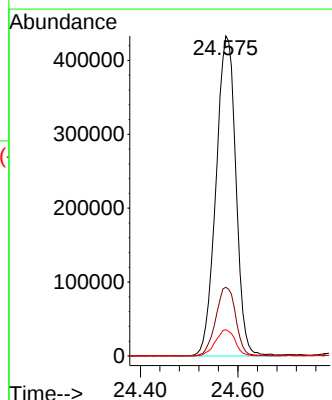
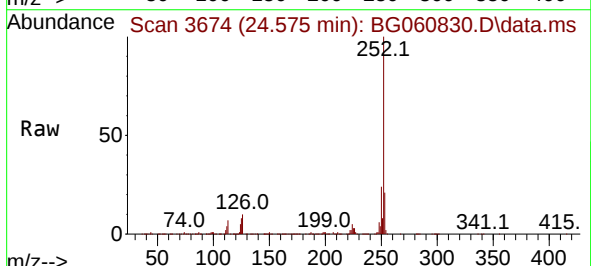
Tgt Ion:252 Resp: 1227137

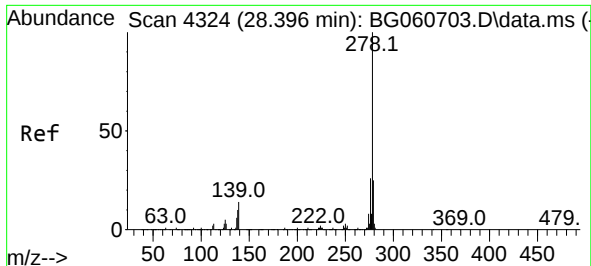
Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

125 8.2 7.6 11.4

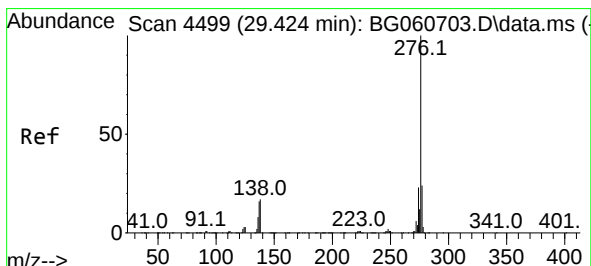
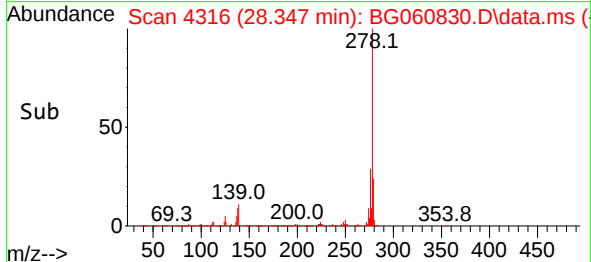
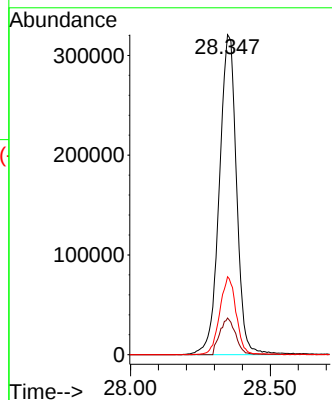
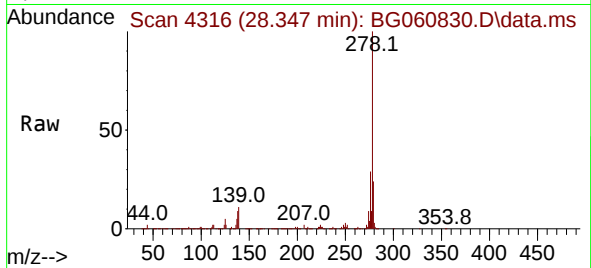




#91  
Dibenzo(a,h)anthracene  
Concen: 47.710 ng  
RT: 28.347 min Scan# 41  
Delta R.T. -0.049 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:278 Resp: 1371167  
Ion Ratio Lower Upper  
278 100  
139 11.5 11.1 16.7  
279 24.4 19.8 29.6



#92  
Benzo(g,h,i)perylene  
Concen: 45.965 ng  
RT: 29.387 min Scan# 4493  
Delta R.T. -0.038 min  
Lab File: BG060830.D  
Acq: 8 Apr 2024 17:54

Tgt Ion:276 Resp: 1285042  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.9 28.3  
138 15.7 14.0 21.0

