

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011624\  
 Data File : BG060335.D  
 Acq On : 16 Jan 2024 14:11  
 Operator : MA/JU  
 Sample : PB158460BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158460BS

Quant Time: Jan 16 14:44:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.931  | 152  | 247102   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.734 | 136  | 1125448  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.570 | 164  | 873684   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.314 | 188  | 2348554  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.580 | 240  | 2171801  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.747 | 264  | 2233737  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.505  | 112  | 2035835  | 135.511 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.097  | 99   | 3096165  | 139.178 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.094  | 82   | 1810507  | 75.963  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 1633621  | 127.086 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.190 | 172  | 4209863  | 66.993  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.935 | 244  | 6181514  | 65.987  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.401  | 88   | 252544   | 36.800  | ng    | # 96     |
| 3) Pyridine                   | 3.795  | 79   | 642599   | 33.188  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.712  | 42   | 260000   | 42.906  | ng    | 95       |
| 6) Aniline                    | 7.255  | 93   | 822202   | 36.976  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.496  | 128  | 676599   | 45.443  | ng    | 97       |
| 9) Benzaldehyde               | 7.067  | 77   | 212397   | 16.633  | ng    | 94       |
| 10) Phenol                    | 7.126  | 94   | 1083032  | 48.557  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.349  | 93   | 757193   | 41.661  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.819  | 146  | 681283   | 36.455  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.966  | 146  | 705968   | 37.232  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.284  | 146  | 760602   | 39.010  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.166  | 79   | 725484   | 50.380  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.460  | 45   | 942014   | 42.703  | ng    | 99       |
| 17) 2-Methylphenol            | 8.372  | 107  | 730659   | 47.694  | ng    | 98       |
| 18) Hexachloroethane          | 9.012  | 117  | 258037   | 38.813  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.730  | 70   | 665129   | 43.200  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.701  | 107  | 996287   | 48.233  | ng    | 98       |
| 22) Acetophenone              | 8.754  | 105  | 1249415  | 40.386  | ng    | # 99     |
| 24) Nitrobenzene              | 9.136  | 77   | 936639   | 37.909  | ng    | 99       |
| 25) Isophorone                | 9.653  | 82   | 1933837  | 40.402  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.846  | 139  | 422732   | 46.534  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.905  | 122  | 806894   | 67.220  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.140 | 93   | 1239596  | 42.386  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 947697   | 48.719  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.599 | 180  | 887238   | 36.662  | ng    | 96       |
| 31) Naphthalene               | 10.787 | 128  | 2213614  | 37.522  | ng    | 98       |
| 32) Benzoic acid              | 10.052 | 122  | 451954   | 43.775  | ng    | 89       |
| 33) 4-Chloroaniline           | 10.892 | 127  | 581344   | 25.575  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 534719   | 33.918  | ng    | 96       |
| 35) Caprolactam               | 11.668 | 113  | 141596   | 22.600  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 12.015 | 107  | 890595   | 45.067  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.391 | 142  | 1680377  | 38.405  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.614 | 142  | 1610699  | 36.660  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.761 | 216  | 1134295  | 36.556  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.737 | 237  | 1050028  | 101.926 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.002 | 196  | 810778   | 41.059  | ng    | 99       |

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 Sample : PB158460BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

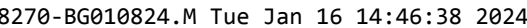
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158460BS

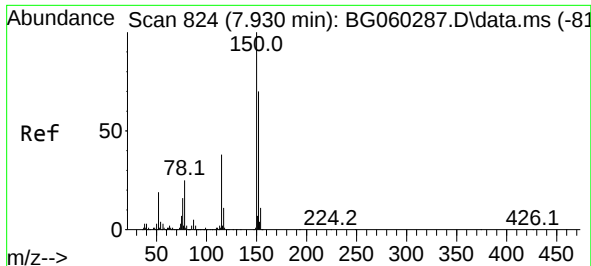
Quant Time: Jan 16 14:44:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.078 | 196  | 919950   | 42.238  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.401 | 154  | 2446796  | 37.101  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.442 | 162  | 2038196  | 36.076  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.648 | 65   | 656267   | 46.643  | ng    | 98       |
| 49) Acenaphthylene            | 14.294 | 152  | 3121971  | 40.128  | ng    | 99       |
| 50) Dimethylphthalate         | 14.024 | 163  | 2753659  | 41.244  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.141 | 165  | 615021   | 43.170  | ng    | 91       |
| 52) Acenaphthene              | 14.635 | 154  | 1904326  | 39.309  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.476 | 138  | 451678   | 34.794  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.682 | 184  | 753991   | 86.507  | ng    | 97       |
| 55) Dibenzofuran              | 14.970 | 168  | 3223860  | 39.864  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.788 | 139  | 1012449  | 105.149 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.935 | 165  | 894960   | 45.811  | ng    | 96       |
| 58) Fluorene                  | 15.616 | 166  | 2707190  | 40.423  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.193 | 232  | 890189   | 48.131  | ng    | 100      |
| 60) Diethylphthalate          | 15.387 | 149  | 2732426  | 42.630  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.610 | 204  | 1482415  | 40.182  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.646 | 138  | 631117   | 45.680  | ng    | 95       |
| 63) Azobenzene                | 15.904 | 77   | 2687005  | 41.447  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.693 | 198  | 585950   | 45.099  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.828 | 169  | 2513082  | 40.300  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.503 | 248  | 1012621  | 39.240  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.621 | 284  | 1150474  | 37.663  | ng    | 99       |
| 69) Atrazine                  | 16.774 | 200  | 1464981  | 62.302  | ng    | 98       |
| 70) Pentachlorophenol         | 16.968 | 266  | 1567656  | 95.210  | ng    | 93       |
| 71) Phenanthrene              | 17.361 | 178  | 4425693  | 38.987  | ng    | 96       |
| 72) Anthracene                | 17.449 | 178  | 4465537  | 39.401  | ng    | 97       |
| 73) Carbazole                 | 17.720 | 167  | 4148394  | 38.825  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.278 | 149  | 4211516  | 38.308  | ng    | 97       |
| 75) Fluoranthene              | 19.371 | 202  | 4902978  | 35.960  | ng    | 95       |
| 77) Benzidine                 | 19.553 | 184  | 988765   | 20.956  | ng    | 98       |
| 78) Pyrene                    | 19.735 | 202  | 5048837  | 36.404  | ng    | 94       |
| 80) Butylbenzylphthalate      | 20.622 | 149  | 2065209  | 43.282  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.562 | 228  | 5239646  | 38.971  | ng    | 93       |
| 82) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 1897416  | 36.850  | ng    | 98       |
| 83) Chrysene                  | 21.627 | 228  | 4964333  | 37.542  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 3017719  | 41.853  | ng #  | 97       |
| 85) Di-n-octyl phthalate      | 22.655 | 149  | 4978086  | 42.605  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.360 | 276  | 7028843  | 45.256  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.742 | 252  | 5672610  | 42.987  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.812 | 252  | 5604146  | 43.037  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.600 | 252  | 5130384  | 43.038  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 28.431 | 278  | 5773754  | 45.520  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.494 | 276  | 5709041  | 43.916  | ng    | 98       |

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

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QLast Update : Tue Jan 09 04:07:12 2024  
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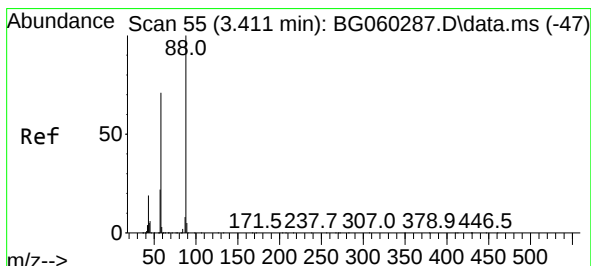
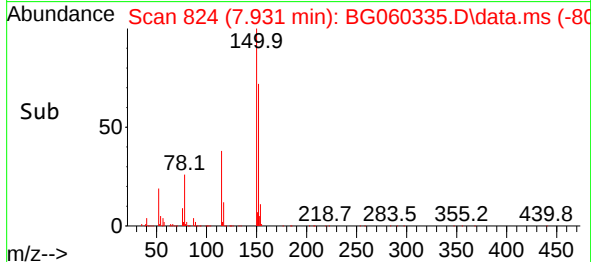
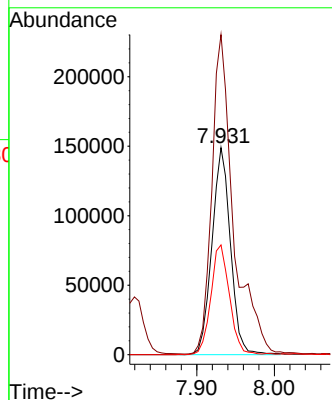
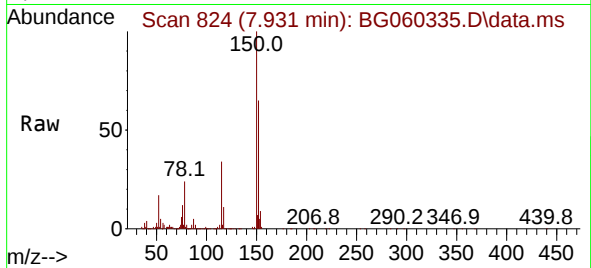




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.931 min Scan# 81  
 Delta R.T. 0.001 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

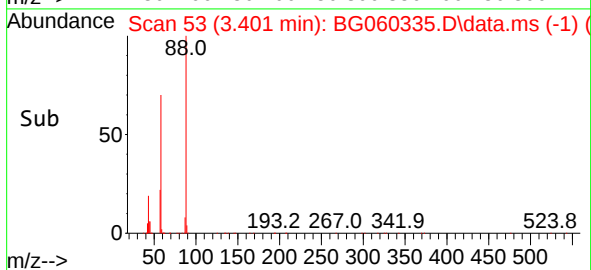
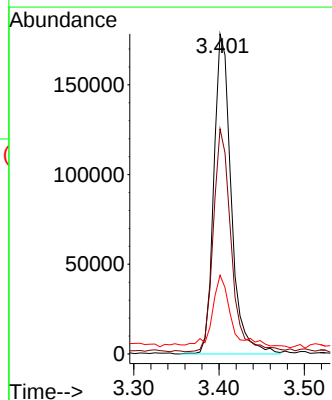
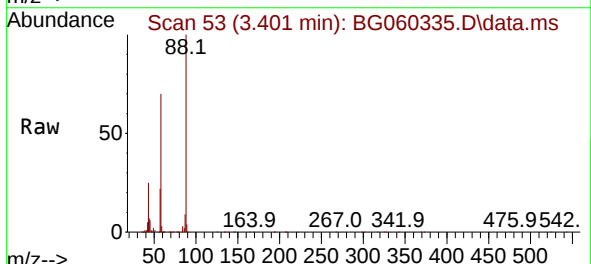
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158460BS

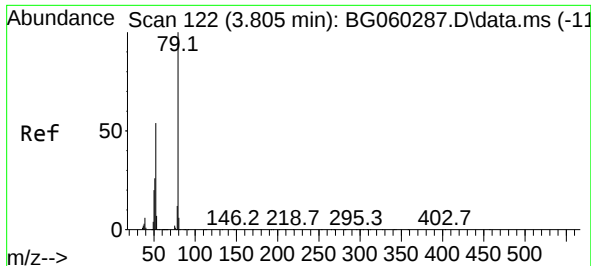
Tgt Ion:152 Resp: 247102  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 114.5 171.7  
 115 53.0 43.0 64.6



#2  
 1,4-Dioxane  
 Concen: 36.800 ng  
 RT: 3.401 min Scan# 53  
 Delta R.T. -0.010 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion: 88 Resp: 252544  
 Ion Ratio Lower Upper  
 88 100  
 58 71.4 55.9 83.9  
 43 25.3 16.6 24.8





#3

Pyridine

Concen: 33.188 ng

RT: 3.795 min Scan# 11

Delta R.T. -0.010 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

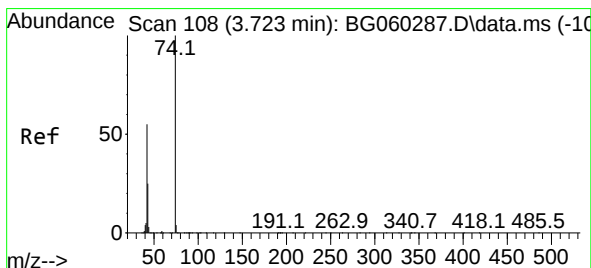
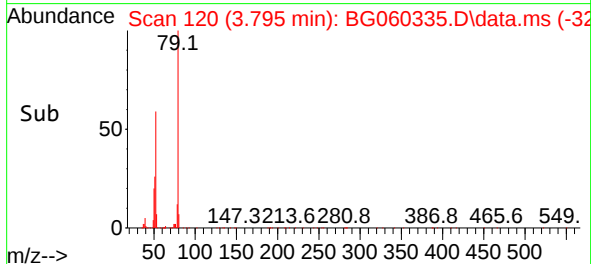
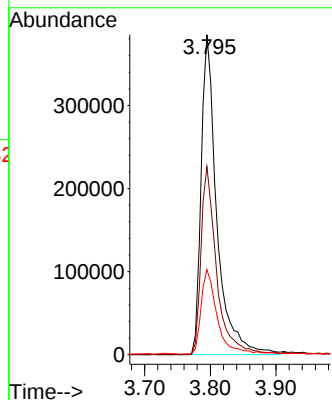
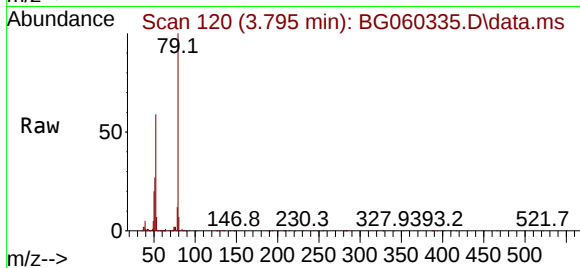
Tgt Ion: 79 Resp: 642599

Ion Ratio Lower Upper

79 100

52 58.7 43.2 64.8

51 26.5 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 42.906 ng

RT: 3.712 min Scan# 106

Delta R.T. -0.010 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

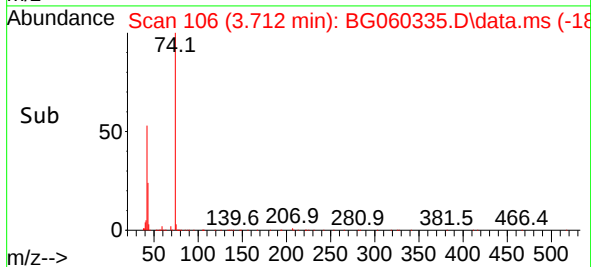
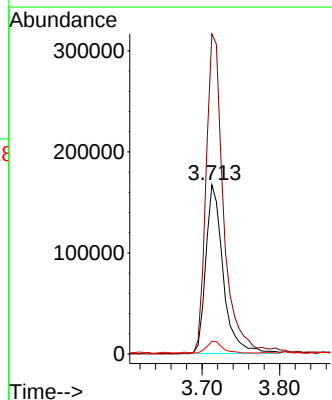
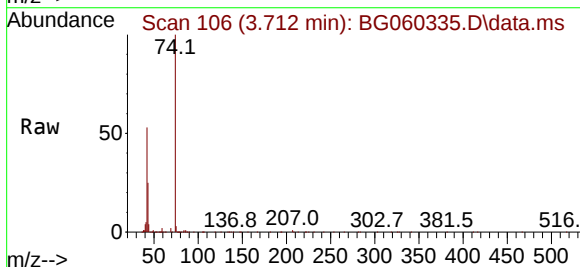
Tgt Ion: 42 Resp: 260000

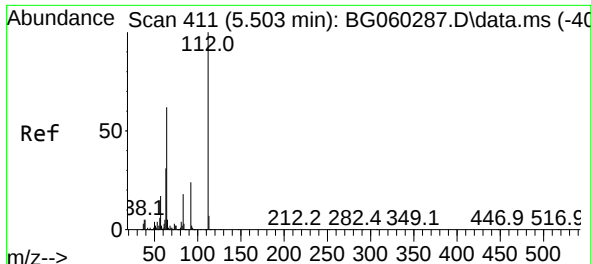
Ion Ratio Lower Upper

42 100

74 189.1 145.1 217.7

44 7.6 5.2 7.8

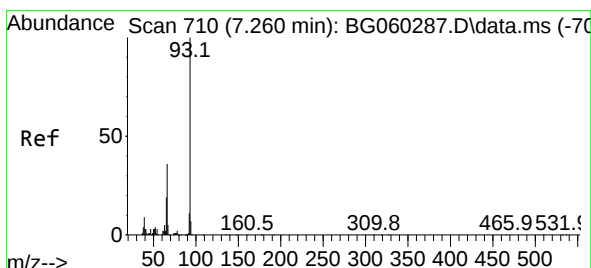
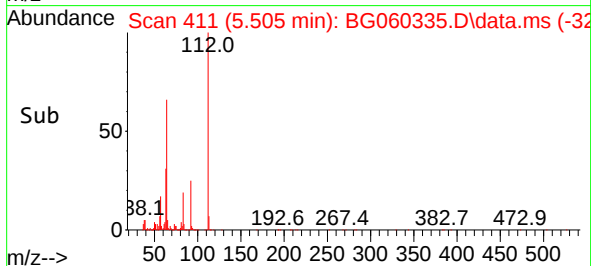
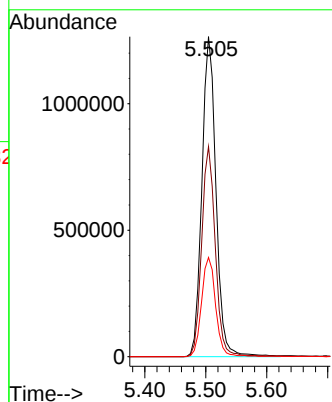
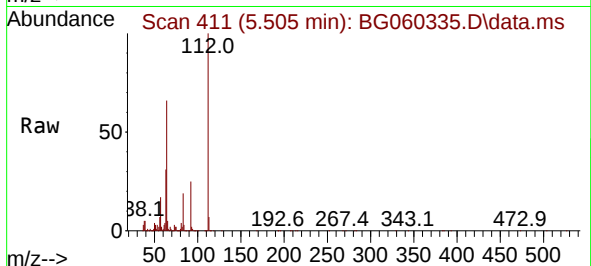




#5  
2-Fluorophenol  
Concen: 135.511 ng  
RT: 5.505 min Scan# 411  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

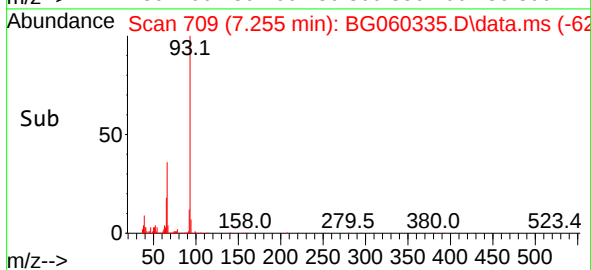
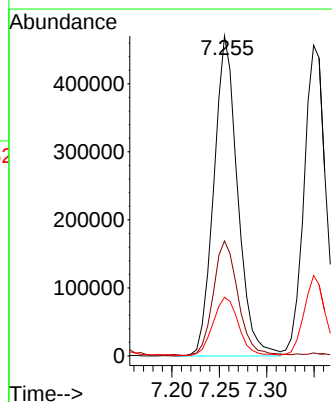
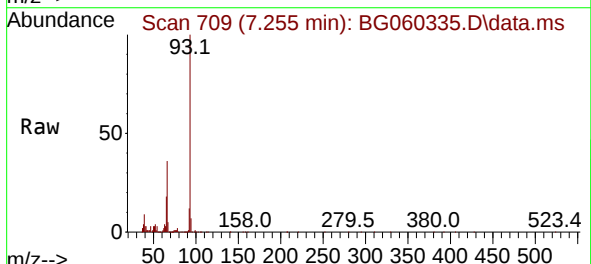
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion:112 Resp: 2035835  
Ion Ratio Lower Upper  
112 100  
64 65.7 49.8 74.6  
63 31.0 24.4 36.6



#6  
Aniline  
Concen: 36.976 ng  
RT: 7.255 min Scan# 709  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 93 Resp: 822202  
Ion Ratio Lower Upper  
93 100  
66 36.0 29.0 43.4  
65 18.3 15.1 22.7



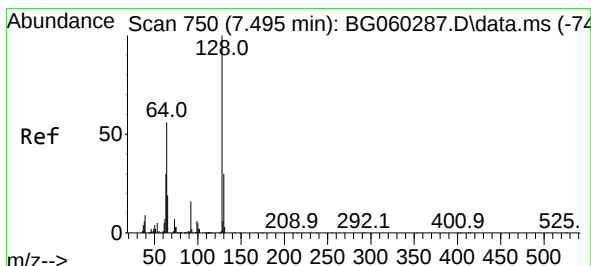
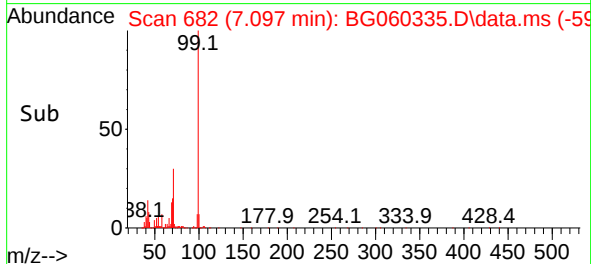
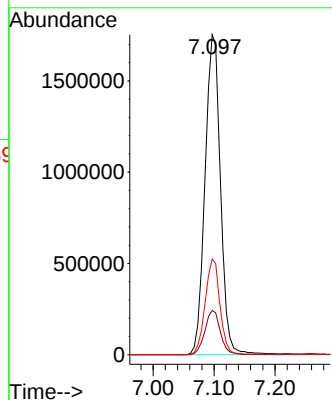
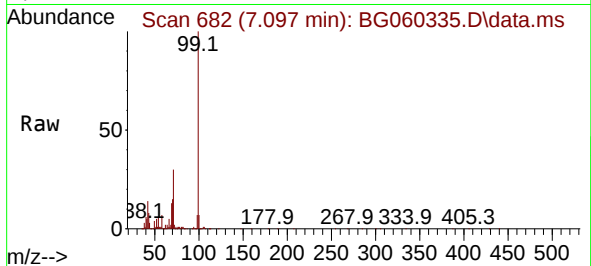


#7  
Phenol-d6  
Concen: 139.178 ng  
RT: 7.097 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion: 99 Resp: 3096165

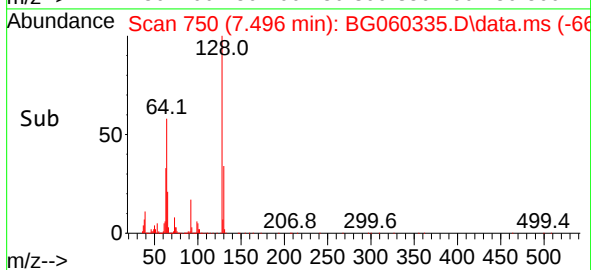
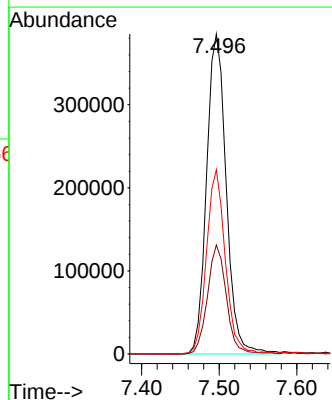
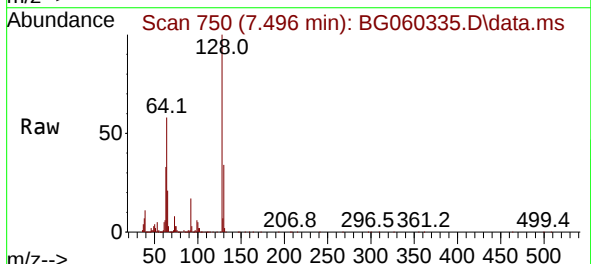
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 10.9  | 16.3  |
| 71  | 29.8  | 21.5  | 32.3  |

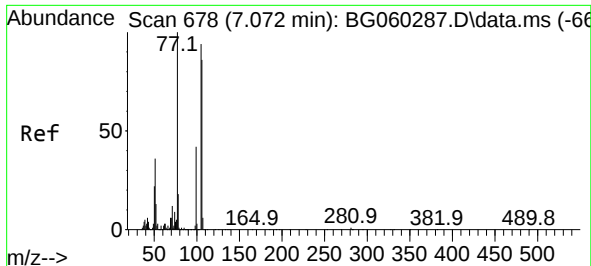


#8  
2-Chlorophenol  
Concen: 45.443 ng  
RT: 7.496 min Scan# 750  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 128 Resp: 676599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.1  | 9.9   | 49.9  |
| 64  | 57.6  | 37.8  | 77.8  |

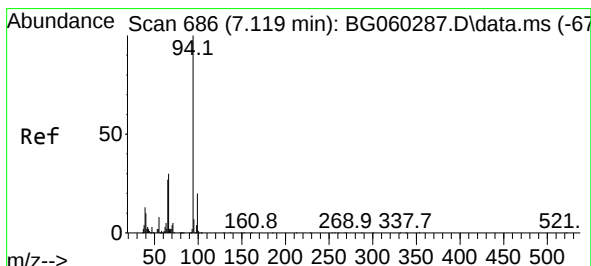
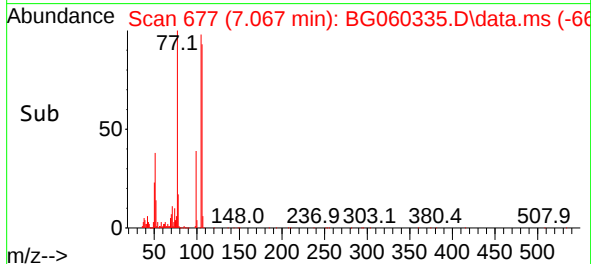
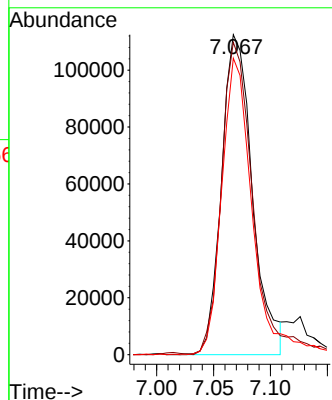
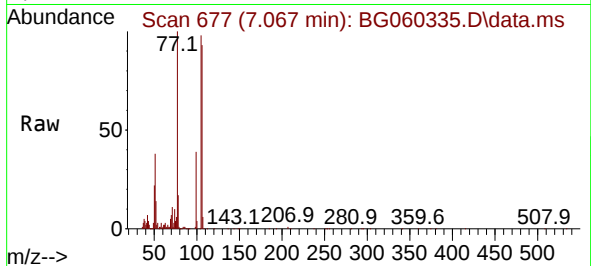




#9  
Benzaldehyde  
Concen: 16.633 ng  
RT: 7.067 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

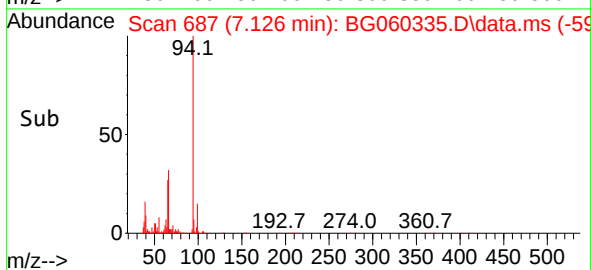
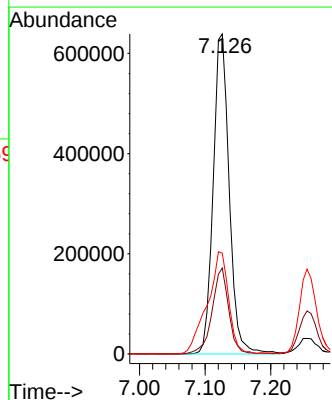
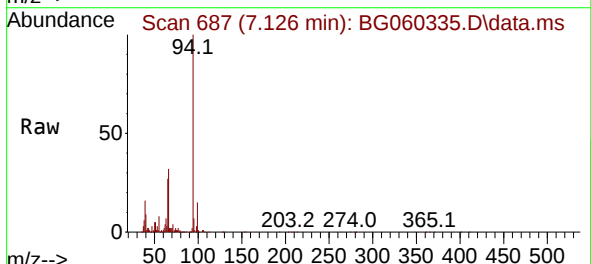
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

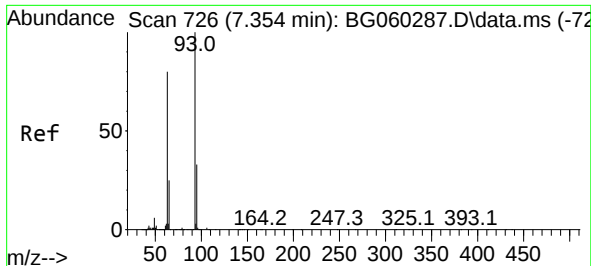
Tgt Ion: 77 Resp: 212397  
Ion Ratio Lower Upper  
77 100  
105 97.6 73.6 113.6  
106 92.6 66.2 106.2



#10  
Phenol  
Concen: 48.557 ng  
RT: 7.126 min Scan# 687  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 94 Resp: 1083032  
Ion Ratio Lower Upper  
94 100  
65 26.9 6.7 46.7  
66 31.5 10.6 50.6

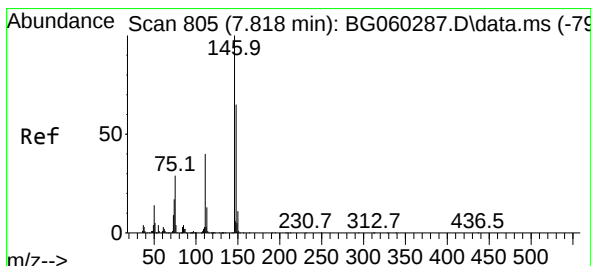
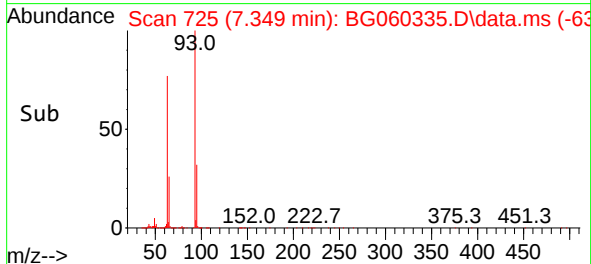
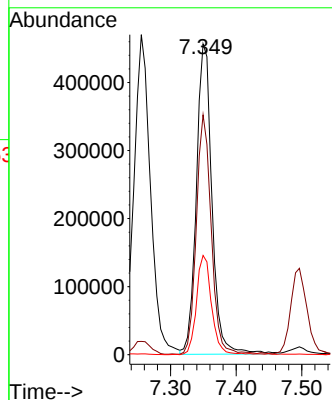
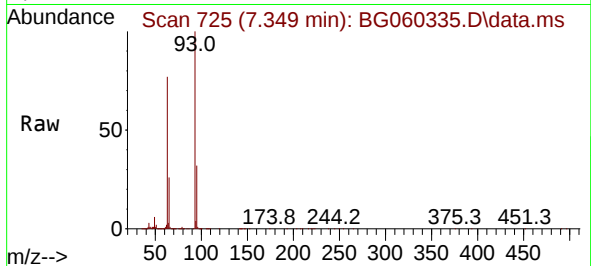




#11  
bis(2-Chloroethyl)ether  
Concen: 41.661 ng  
RT: 7.349 min Scan# 726  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

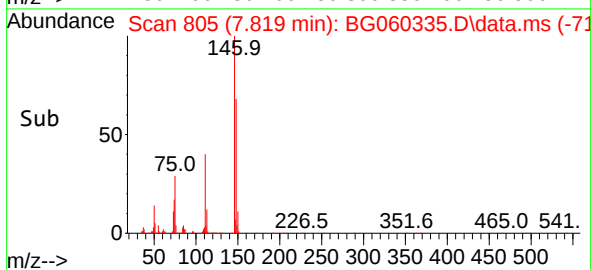
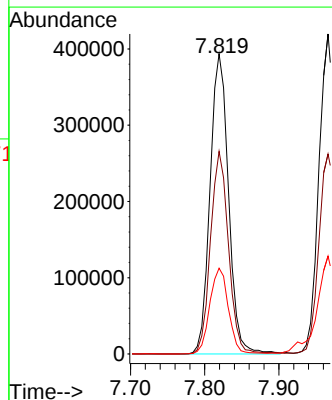
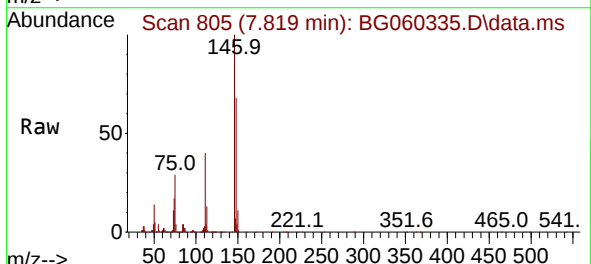
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion: 93 Resp: 757193  
Ion Ratio Lower Upper  
93 100  
63 77.2 59.3 99.3  
95 31.9 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 36.455 ng  
RT: 7.819 min Scan# 805  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:146 Resp: 681283  
Ion Ratio Lower Upper  
146 100  
148 67.5 52.3 78.5  
75 28.6 22.9 34.3

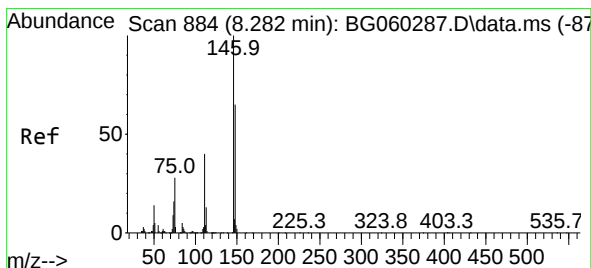
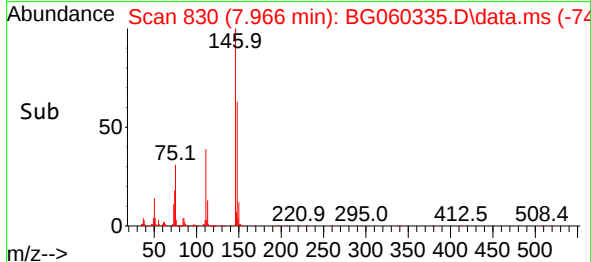
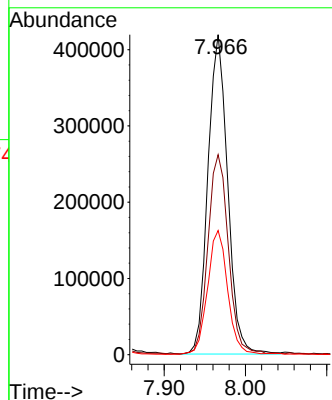
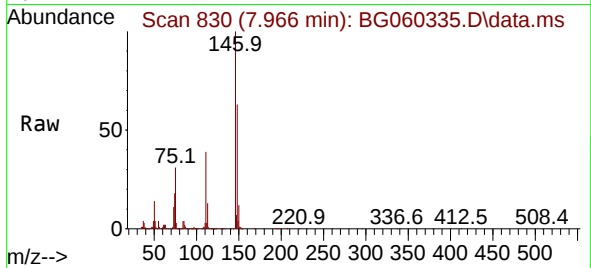




#13  
1,4-Dichlorobenzene  
Concen: 37.232 ng  
RT: 7.966 min Scan# 811  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

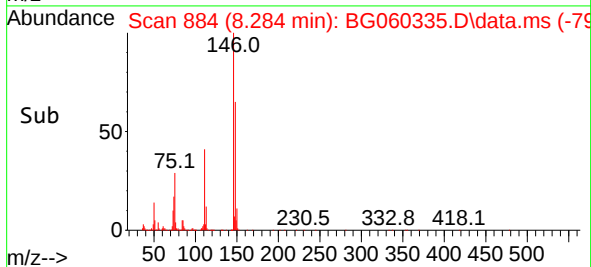
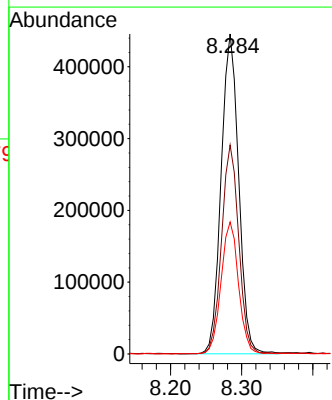
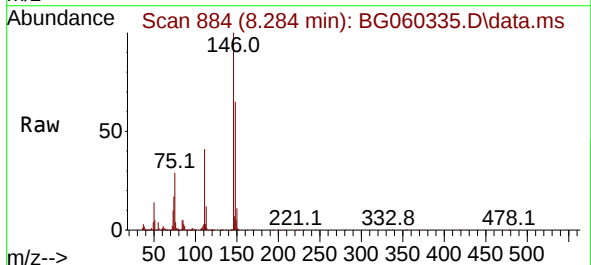
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

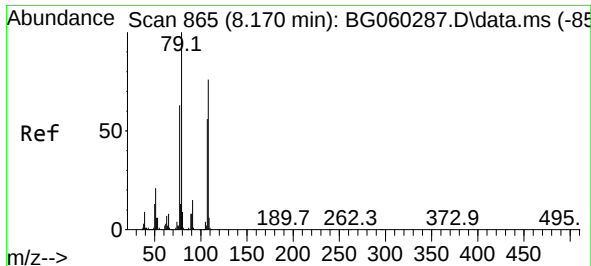
Tgt Ion:146 Resp: 705968  
Ion Ratio Lower Upper  
146 100  
148 62.5 52.7 79.1  
111 38.8 31.4 47.0



#14  
1,2-Dichlorobenzene  
Concen: 39.010 ng  
RT: 8.284 min Scan# 884  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:146 Resp: 760602  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.8 77.8  
111 41.2 32.6 48.8

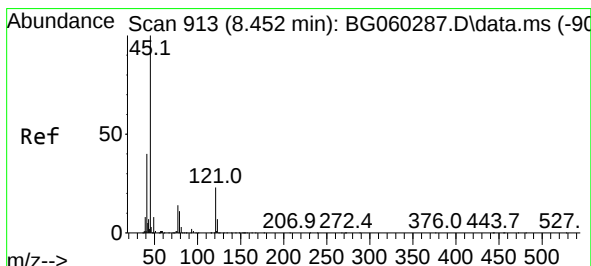
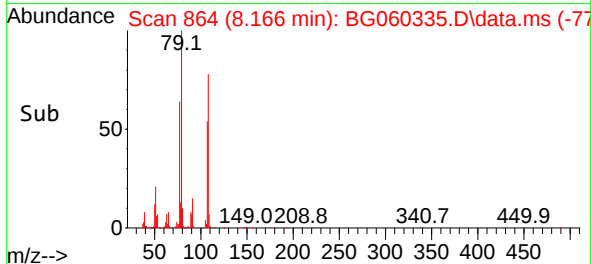
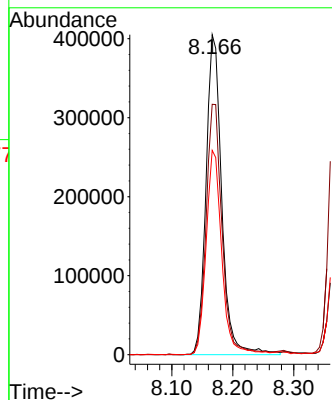
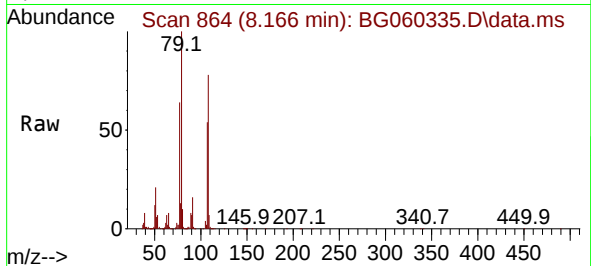




#15  
Benzyl Alcohol  
Concen: 50.380 ng  
RT: 8.166 min Scan# 864  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

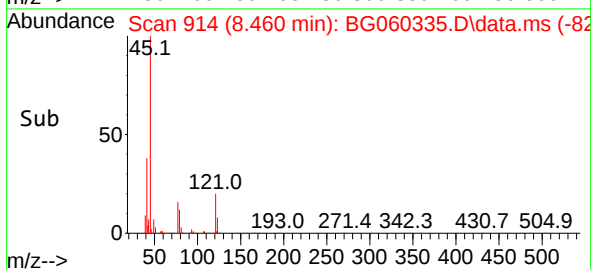
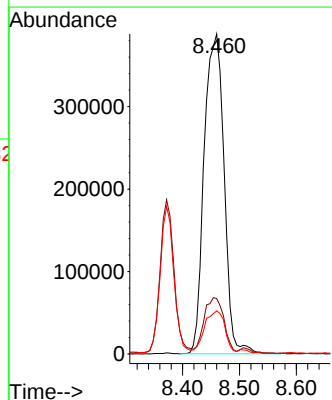
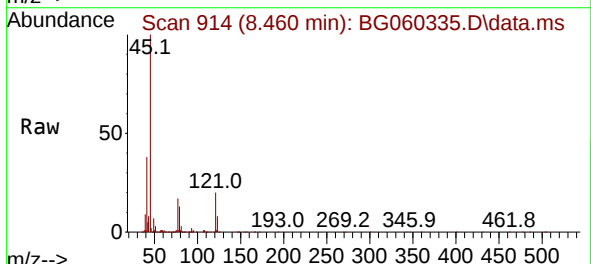
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

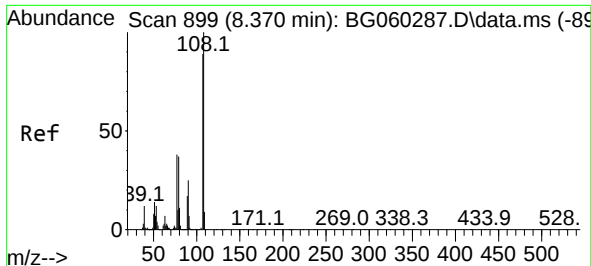
Tgt Ion: 79 Resp: 725484  
Ion Ratio Lower Upper  
79 100  
108 78.3 61.2 91.8  
77 63.8 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.703 ng  
RT: 8.460 min Scan# 914  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 45 Resp: 942014  
Ion Ratio Lower Upper  
45 100  
77 17.3 0.0 37.3  
79 13.5 0.0 34.0

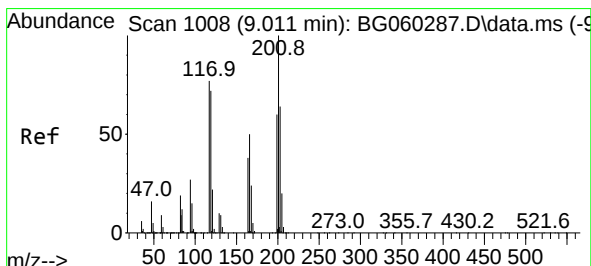
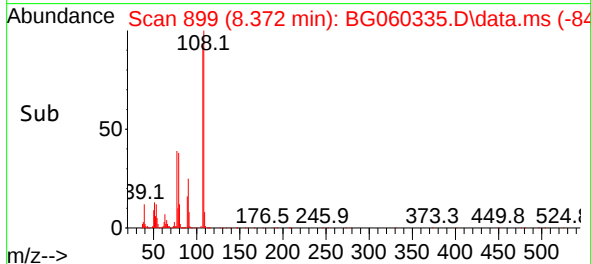
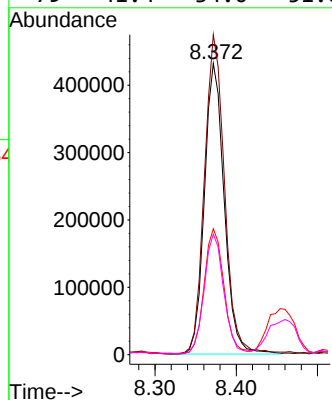
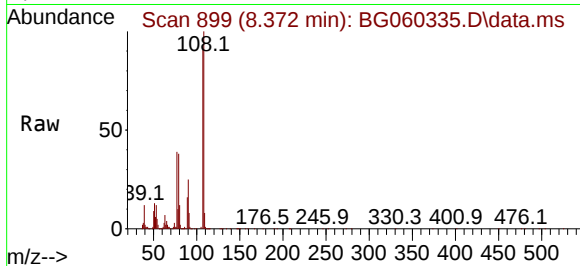




#17  
2-Methylphenol  
Concen: 47.694 ng  
RT: 8.372 min Scan# 899  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

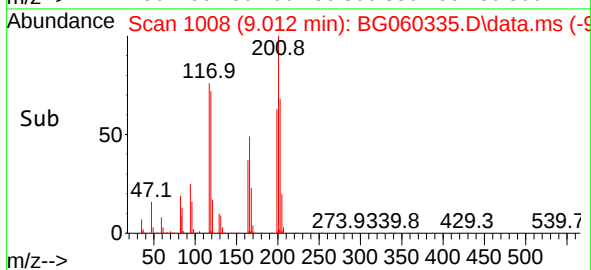
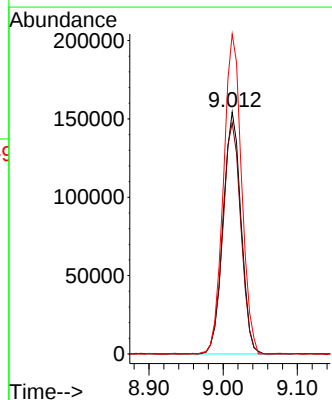
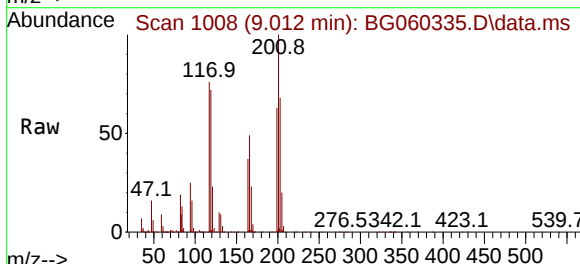
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

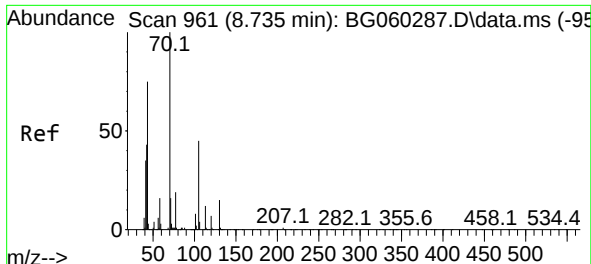
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 730659 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.9 | 90.5  | 135.7  |
| 77       | 43.3  | 35.0  | 52.6   |
| 79       | 41.4  | 34.0  | 51.0   |



#18  
Hexachloroethane  
Concen: 38.813 ng  
RT: 9.012 min Scan# 1008  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 258037 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 74.5  | 111.7  |
| 201      | 132.2 | 106.3 | 159.5  |



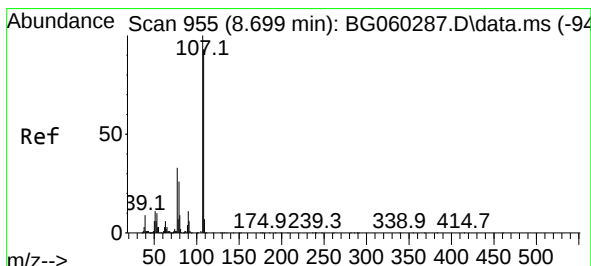
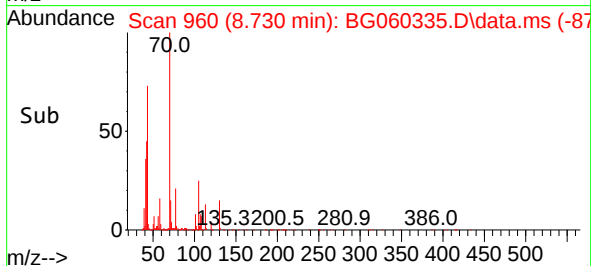
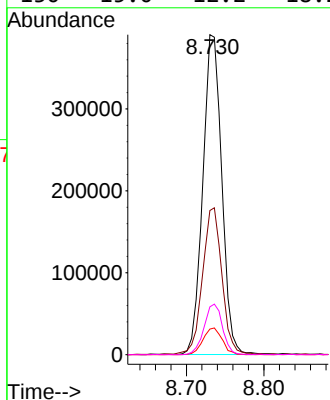
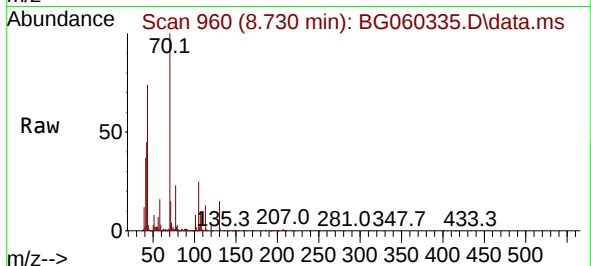


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.200 ng  
RT: 8.730 min Scan# 90  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion: 70 Resp: 665129

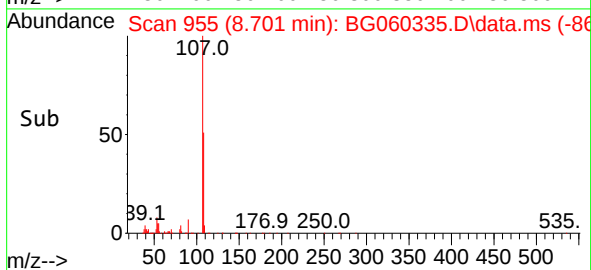
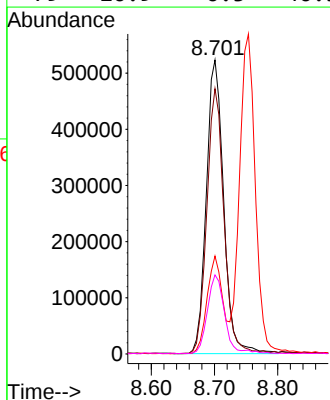
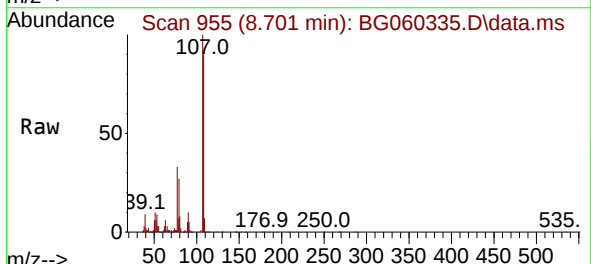
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 45.0  | 34.3  | 51.5  |
| 101 | 8.0   | 6.2   | 9.2   |
| 130 | 15.0  | 12.2  | 18.2  |

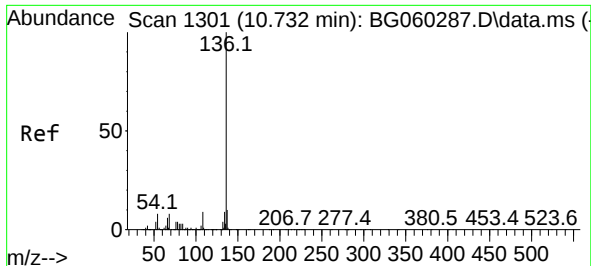


#20  
3+4-Methylphenols  
Concen: 48.233 ng  
RT: 8.701 min Scan# 955  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 107 Resp: 996287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.2  | 72.5  | 112.5 |
| 77  | 33.3  | 13.0  | 53.0  |
| 79  | 26.9  | 6.3   | 46.3  |

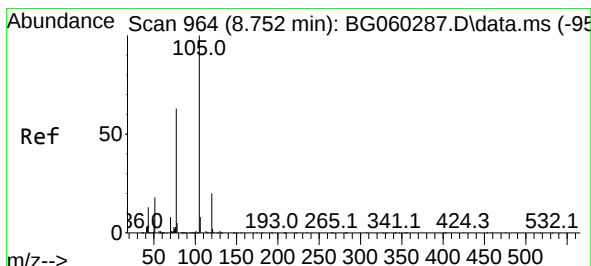
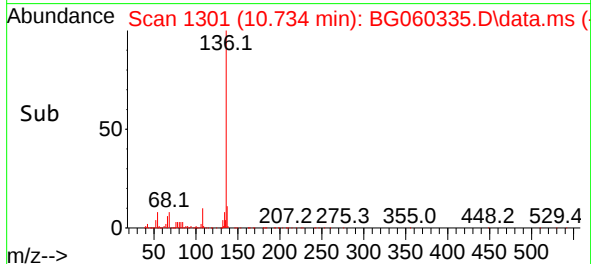
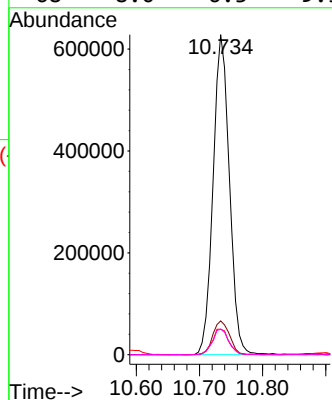
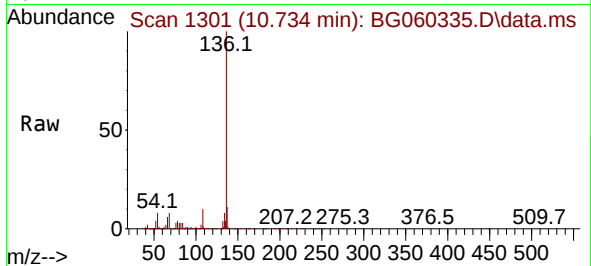




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.734 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

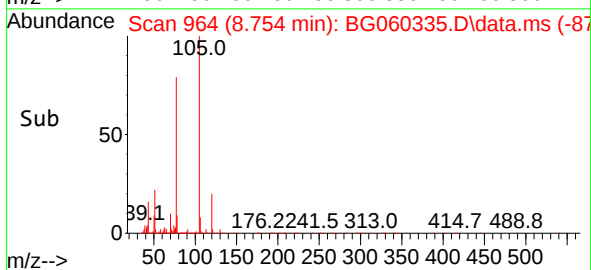
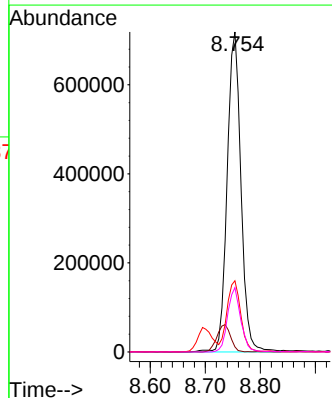
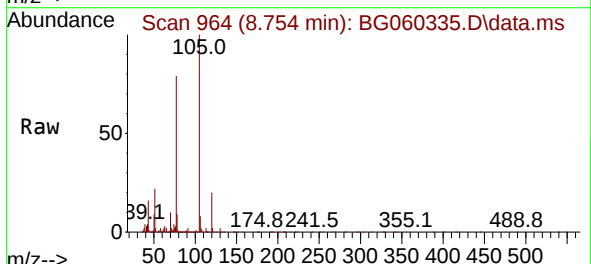
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

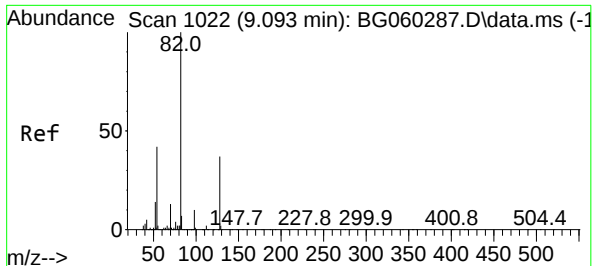
Tgt Ion:136 Resp: 1125448  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.2 12.4  
54 8.0 6.2 9.2  
68 8.0 6.3 9.5



#22  
Acetophenone  
Concen: 40.386 ng  
RT: 8.754 min Scan# 964  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:105 Resp: 1249415  
Ion Ratio Lower Upper  
105 100  
71 1.6 1.7 2.5#  
51 22.2 18.2 27.2  
120 20.1 15.5 23.3

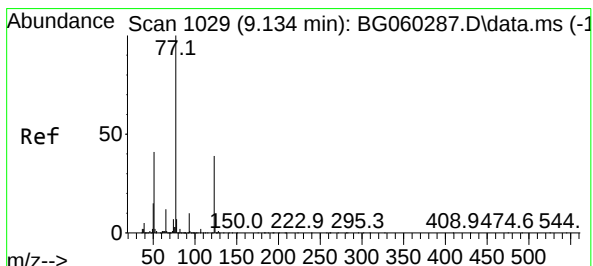
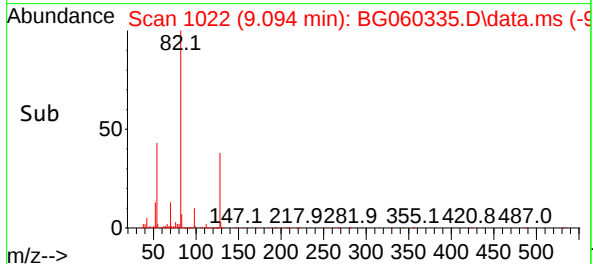
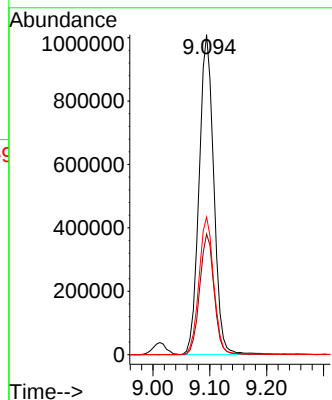
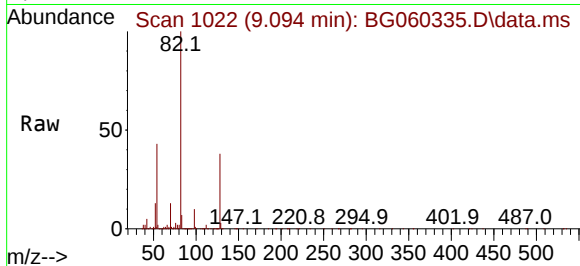




#23  
Nitrobenzene-d5  
Concen: 75.963 ng  
RT: 9.094 min Scan# 1022  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

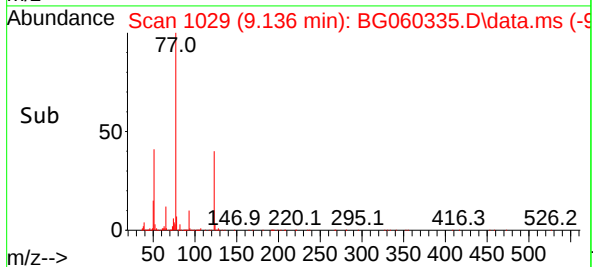
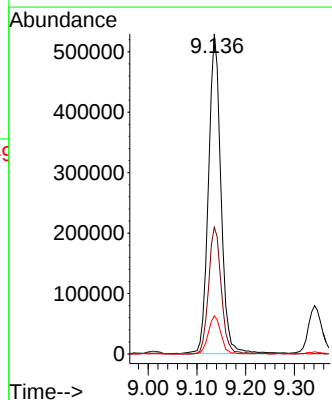
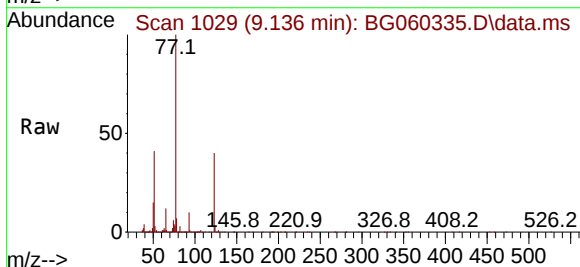
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

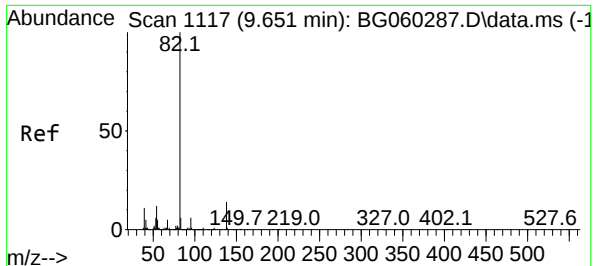
Tgt Ion: 82 Resp: 1810507  
Ion Ratio Lower Upper  
82 100  
128 37.7 29.6 44.4  
54 43.0 33.6 50.4



#24  
Nitrobenzene  
Concen: 37.909 ng  
RT: 9.136 min Scan# 1029  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 77 Resp: 936639  
Ion Ratio Lower Upper  
77 100  
123 39.6 31.4 47.0  
65 11.9 9.6 14.4

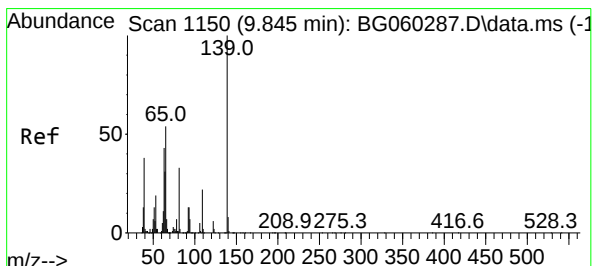
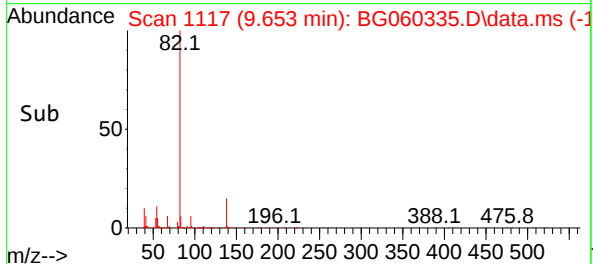
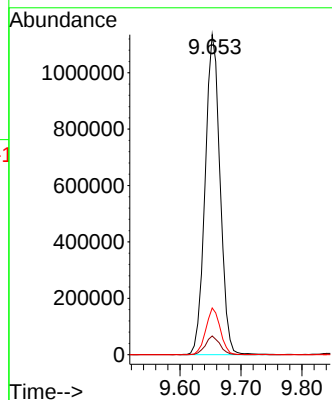
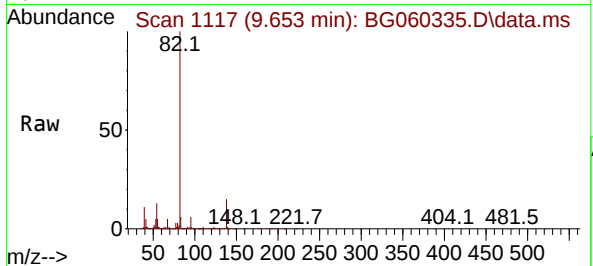




#25  
Isophorone  
Concen: 40.402 ng  
RT: 9.653 min Scan# 1117  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

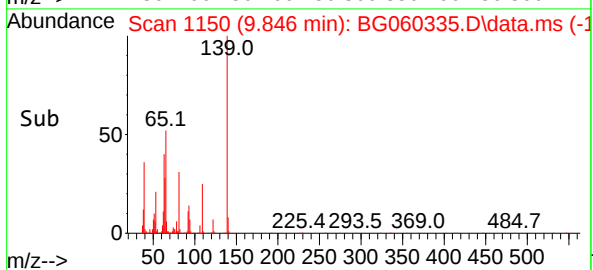
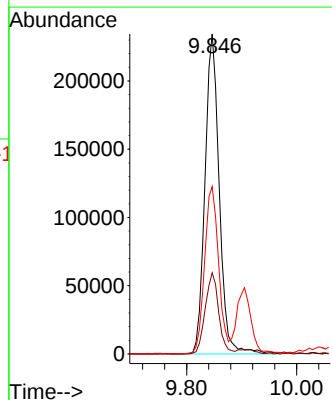
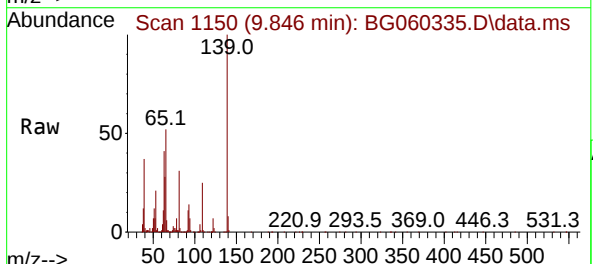
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

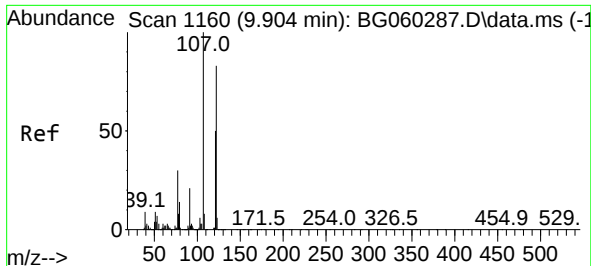
Tgt Ion: 82 Resp: 1933837  
Ion Ratio Lower Upper  
82 100  
95 5.9 4.7 7.1  
138 14.6 11.1 16.7



#26  
2-Nitrophenol  
Concen: 46.534 ng  
RT: 9.846 min Scan# 1150  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:139 Resp: 422732  
Ion Ratio Lower Upper  
139 100  
109 25.3 17.6 26.4  
65 52.3 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 67.220 ng

RT: 9.905 min Scan# 1160

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

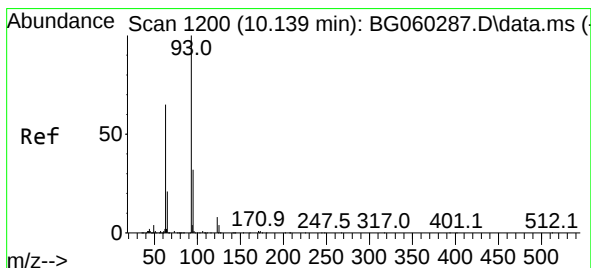
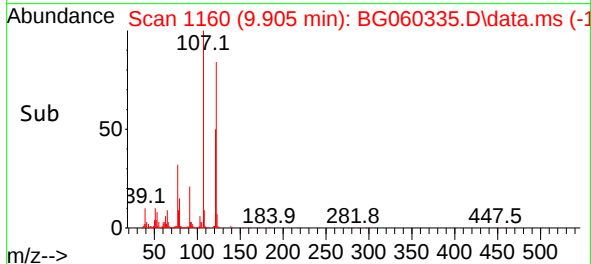
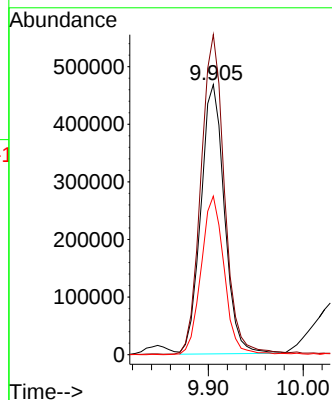
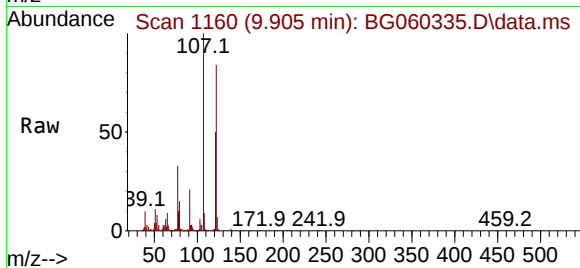
Tgt Ion:122 Resp: 806894

Ion Ratio Lower Upper

122 100

107 118.5 95.4 143.0

121 58.7 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.386 ng

RT: 10.140 min Scan# 1200

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

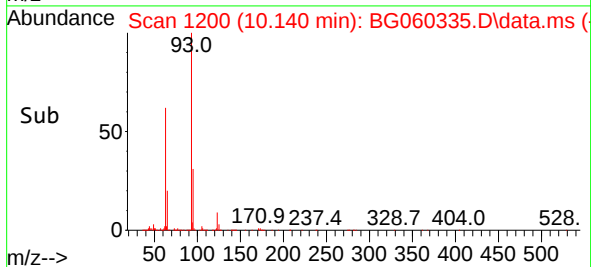
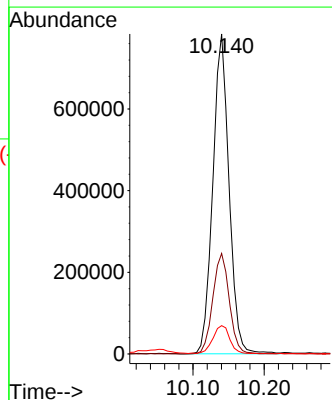
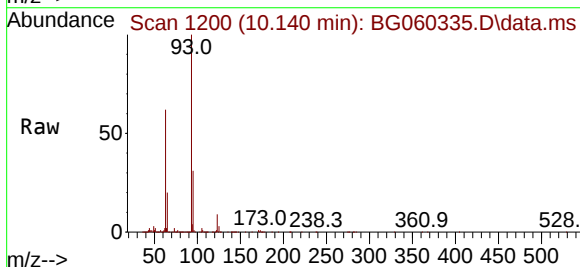
Tgt Ion: 93 Resp: 1239596

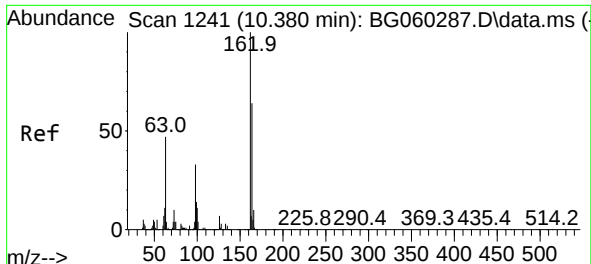
Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.0

123 8.9 6.7 10.1

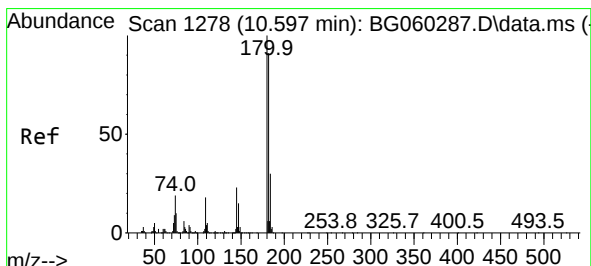
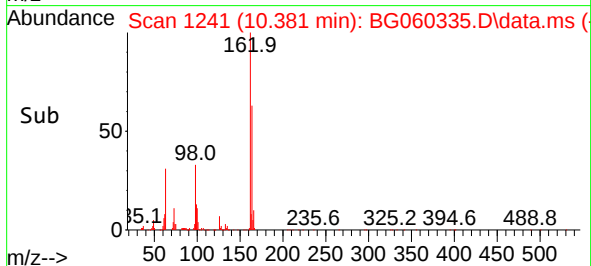
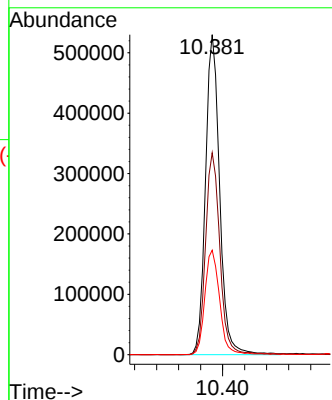
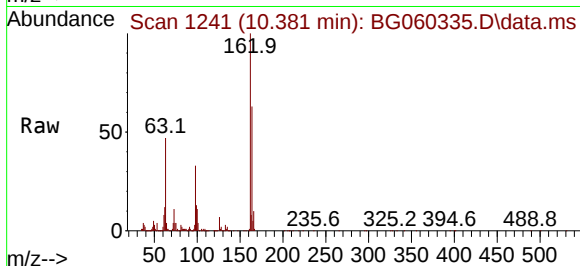




#29  
2,4-Dichlorophenol  
Concen: 48.719 ng  
RT: 10.381 min Scan# 1241  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

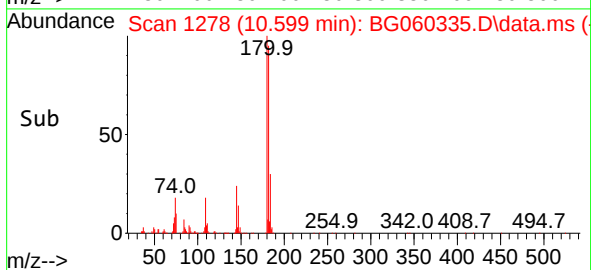
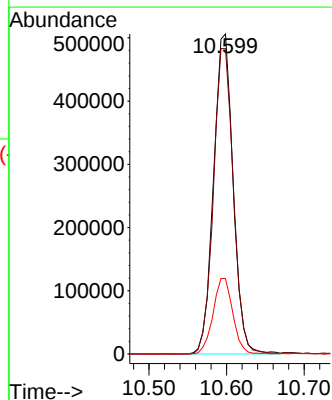
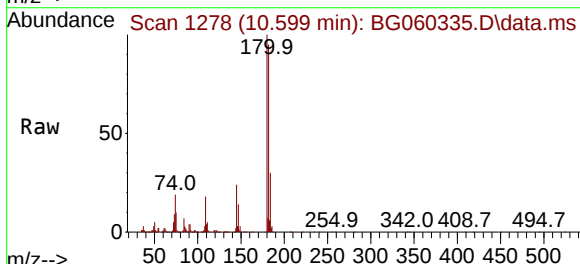
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

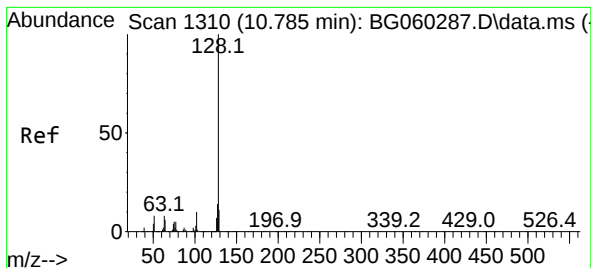
Tgt Ion:162 Resp: 947697  
Ion Ratio Lower Upper  
162 100  
164 63.1 44.3 84.3  
98 32.6 13.4 53.4



#30  
1,2,4-Trichlorobenzene  
Concen: 36.662 ng  
RT: 10.599 min Scan# 1278  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:180 Resp: 887238  
Ion Ratio Lower Upper  
180 100  
182 95.4 72.7 109.1  
145 23.5 18.2 27.2

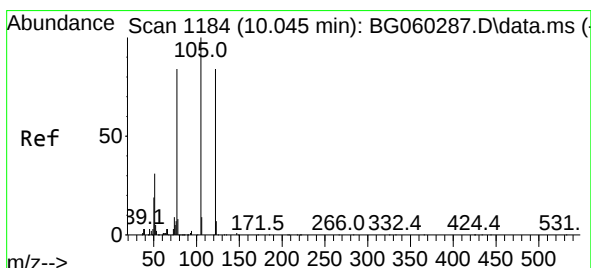
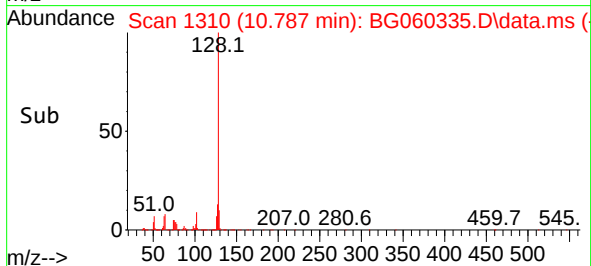
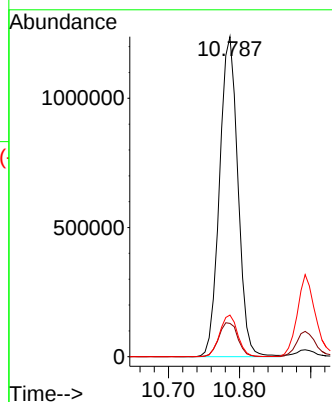
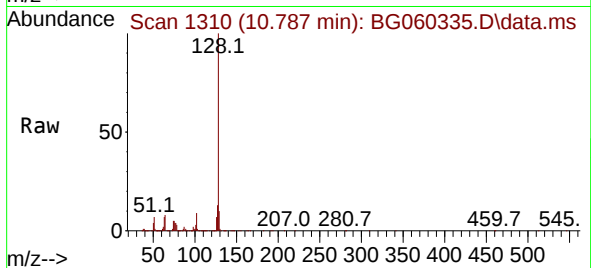




#31  
Naphthalene  
Concen: 37.522 ng  
RT: 10.787 min Scan# 1184  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

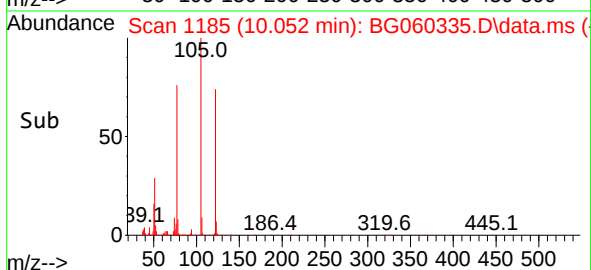
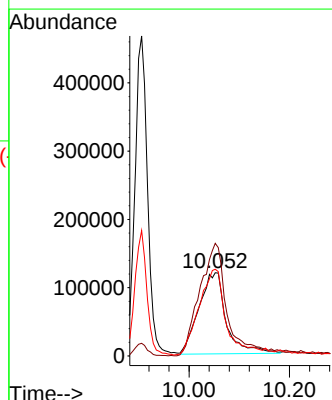
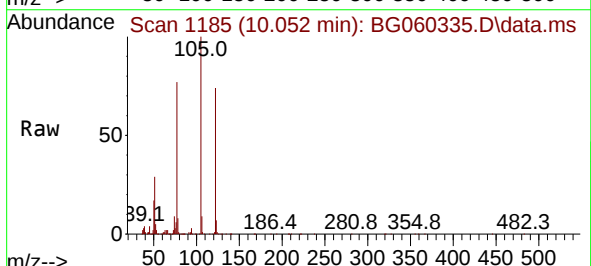
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

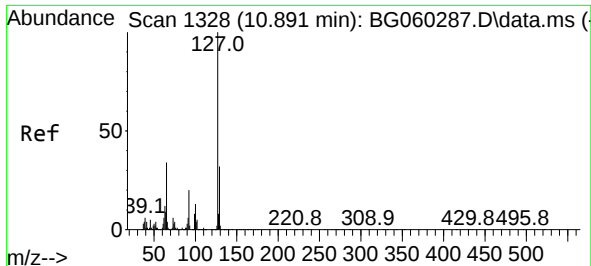
Tgt Ion:128 Resp: 2213614  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.9 13.3  
127 13.0 10.9 16.3



#32  
Benzoic acid  
Concen: 43.775 ng  
RT: 10.052 min Scan# 1185  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:122 Resp: 451954  
Ion Ratio Lower Upper  
122 100  
105 135.5 96.0 136.0  
77 104.2 80.1 120.1

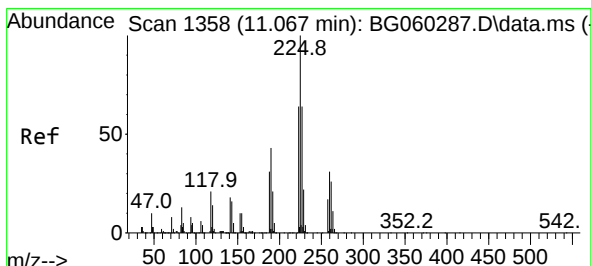
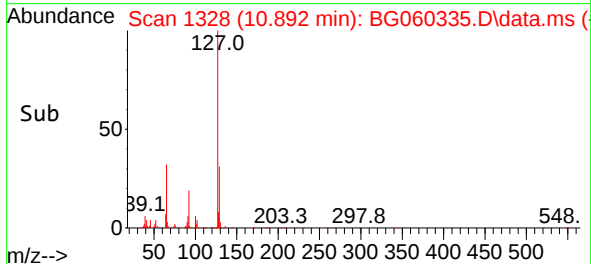
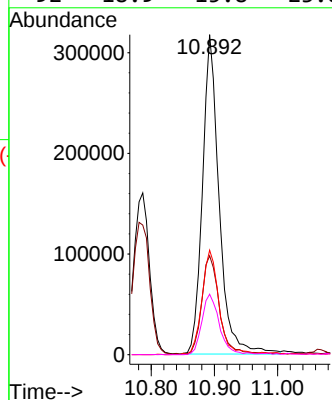
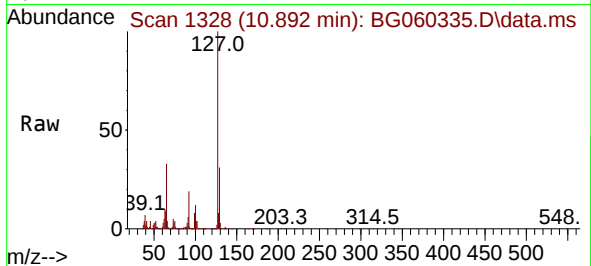




#33  
4-Chloroaniline  
Concen: 25.575 ng  
RT: 10.892 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

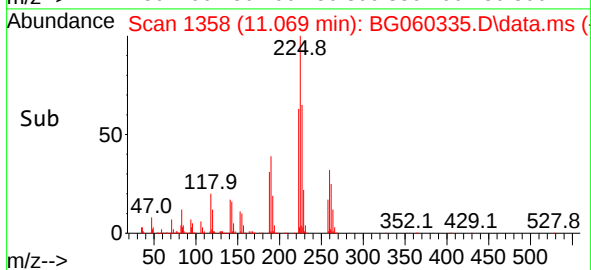
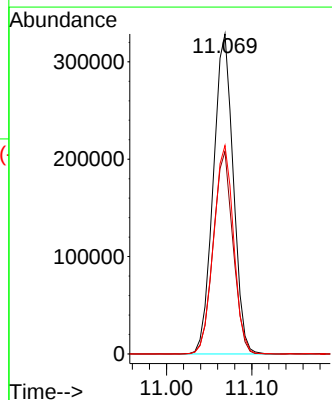
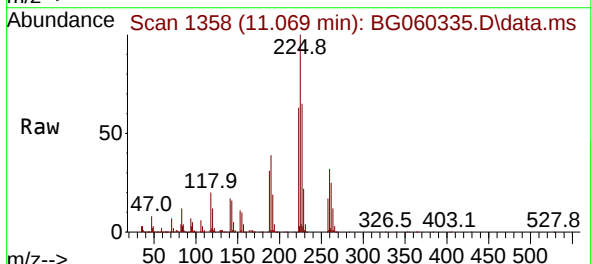
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

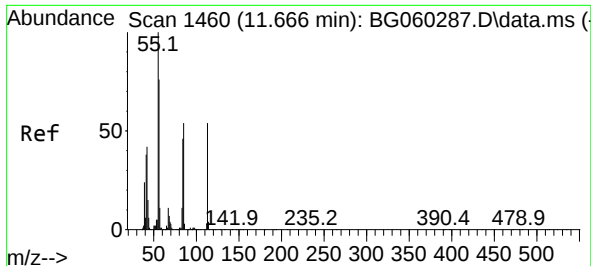
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 581344 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.9  | 25.5  | 38.3   |
| 65       | 32.6  | 27.5  | 41.3   |
| 92       | 18.9  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 33.918 ng  
RT: 11.069 min Scan# 1358  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 534719 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 48.7  | 73.1   |
| 227      | 65.2  | 48.7  | 73.1   |

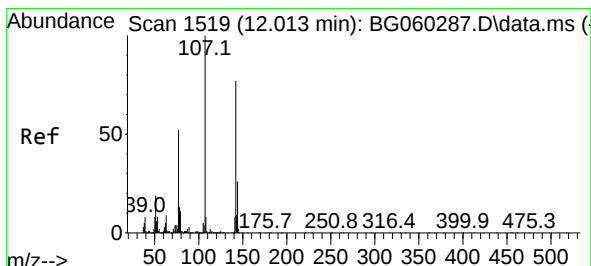
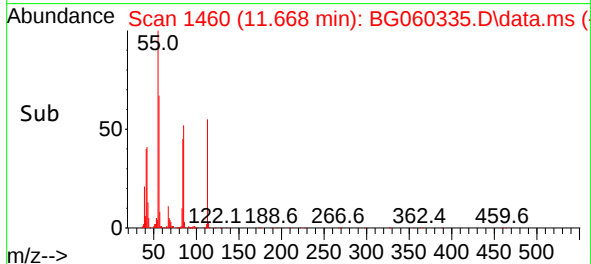
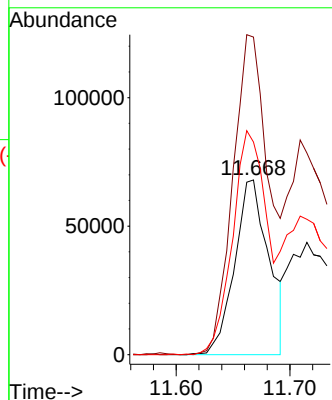
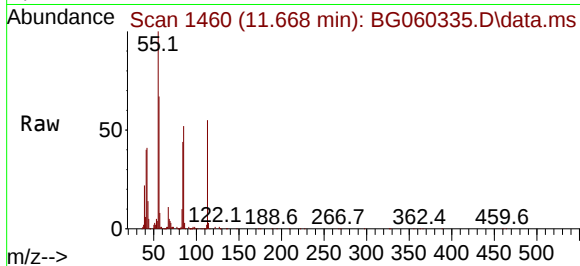




#35  
Caprolactam  
Concen: 22.600 ng  
RT: 11.668 min Scan# 1460  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

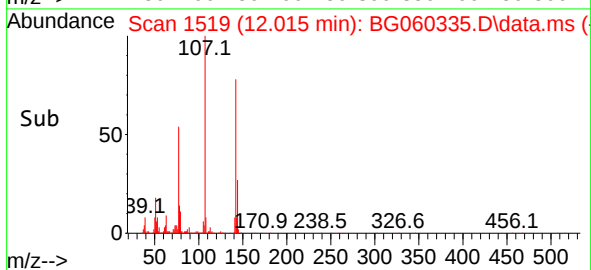
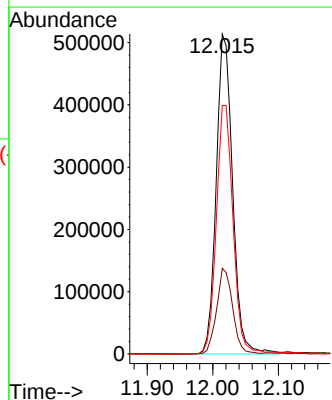
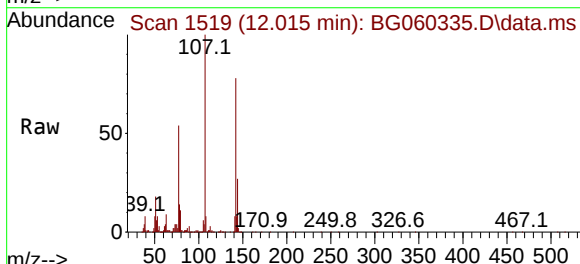
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

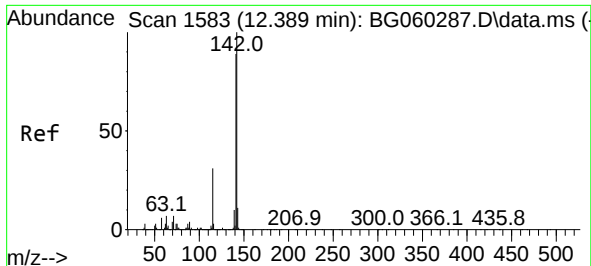
Tgt Ion:113 Resp: 141596  
Ion Ratio Lower Upper  
113 100  
55 181.7 166.4 206.4  
56 121.7 121.0 161.0



#36  
4-Chloro-3-methylphenol  
Concen: 45.067 ng  
RT: 12.015 min Scan# 1519  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:107 Resp: 890595  
Ion Ratio Lower Upper  
107 100  
144 26.8 20.6 31.0  
142 77.7 61.5 92.3

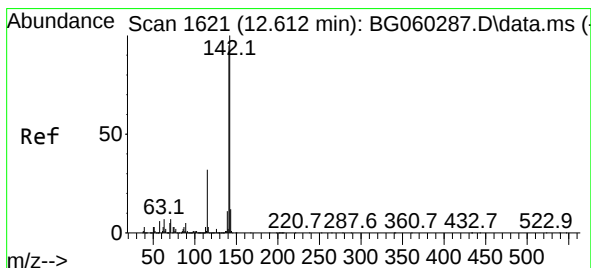
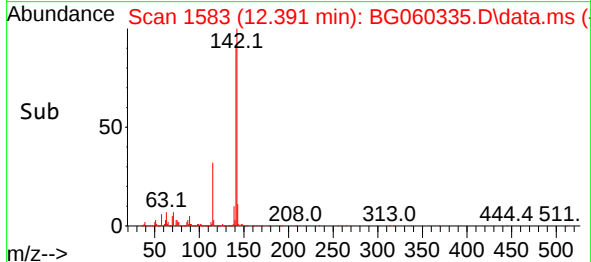
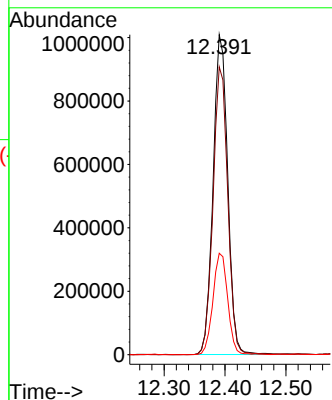
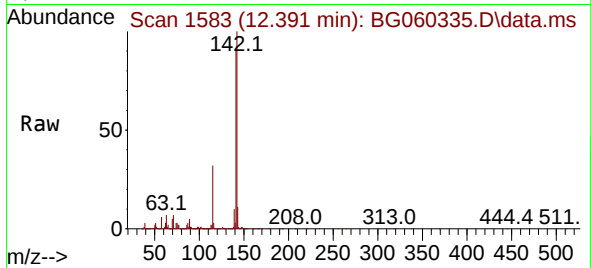




#37  
2-Methylnaphthalene  
Concen: 38.405 ng  
RT: 12.391 min Scan# 1583  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

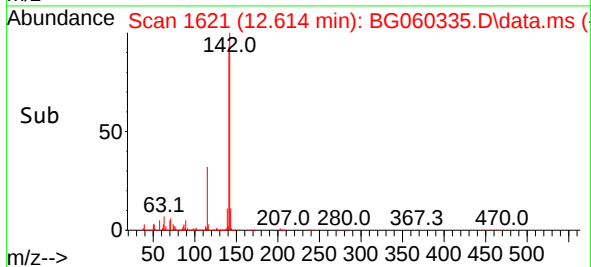
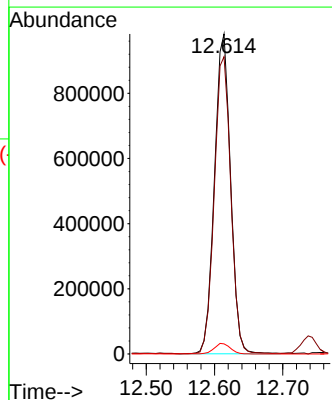
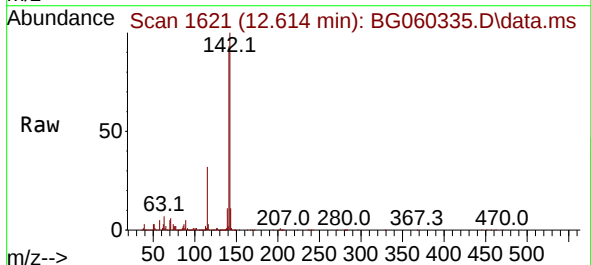
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

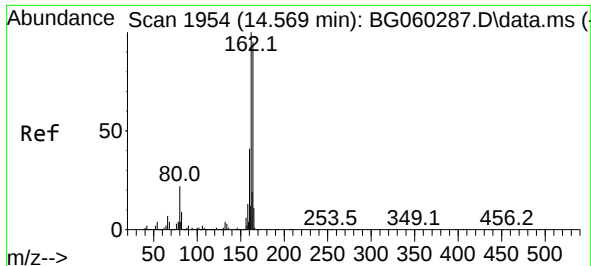
Tgt Ion:142 Resp: 1680377  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.0 106.4  
115 31.7 24.7 37.1



#38  
1-Methylnaphthalene  
Concen: 36.660 ng  
RT: 12.614 min Scan# 1621  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:142 Resp: 1610699  
Ion Ratio Lower Upper  
142 100  
141 92.9 76.2 114.2  
116 3.2 2.6 3.8

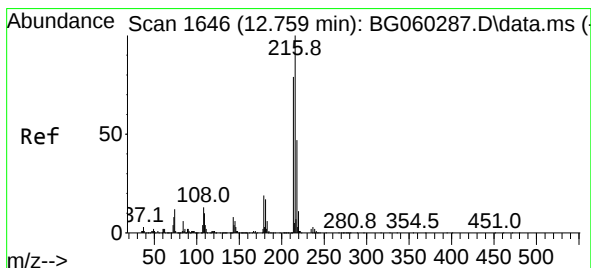
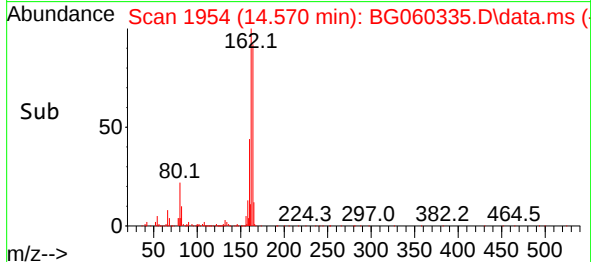
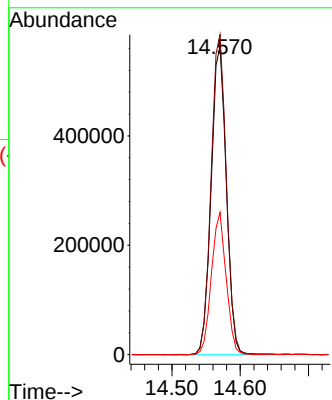
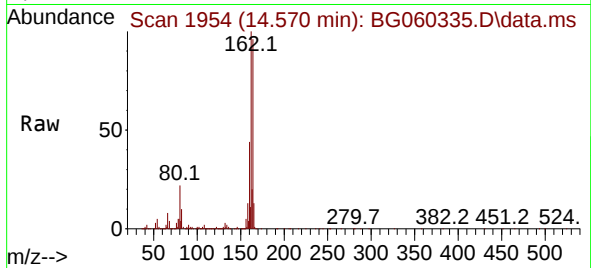




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.570 min Scan# 1954  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

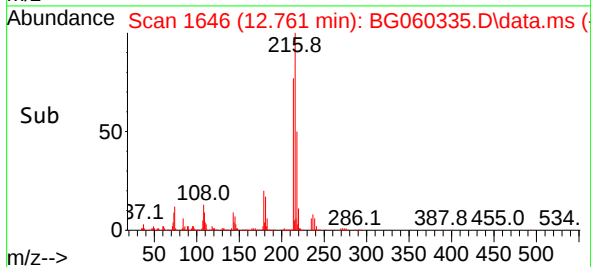
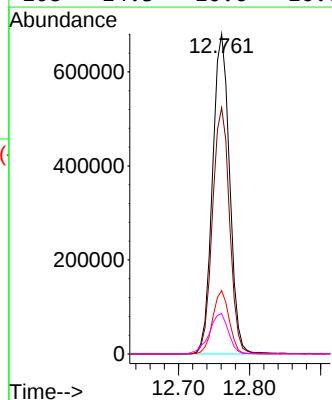
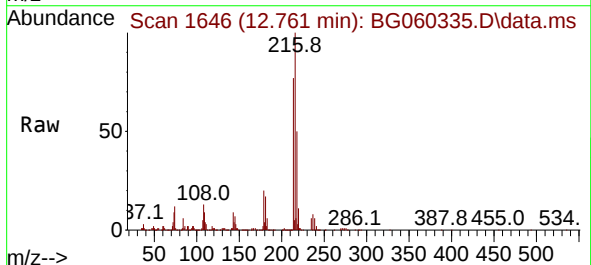
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BNA\_G  
ClientSampleId :  
PB158460BS

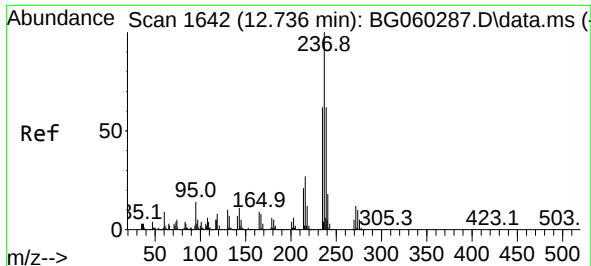
Tgt Ion:164 Resp: 873684  
Ion Ratio Lower Upper  
164 100  
162 103.9 84.4 126.6  
160 46.2 34.6 52.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.556 ng  
RT: 12.761 min Scan# 1646  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:216 Resp: 1134295  
Ion Ratio Lower Upper  
216 100  
214 77.1 62.6 93.8  
179 19.1 14.8 22.2  
108 14.3 10.6 16.0

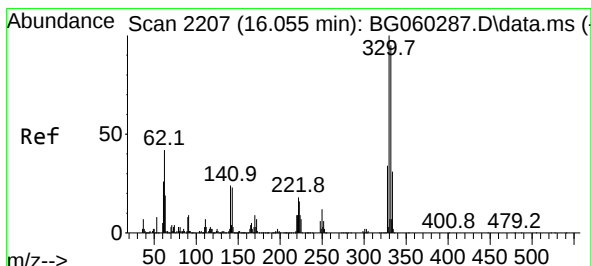
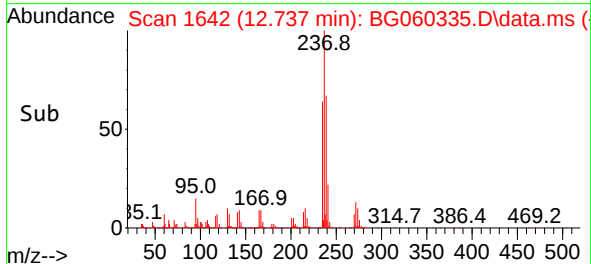
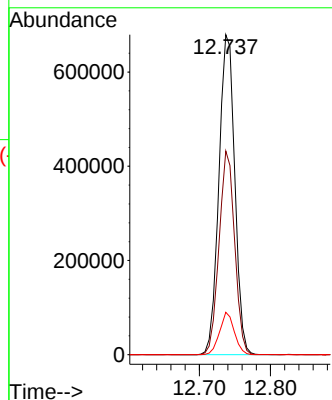
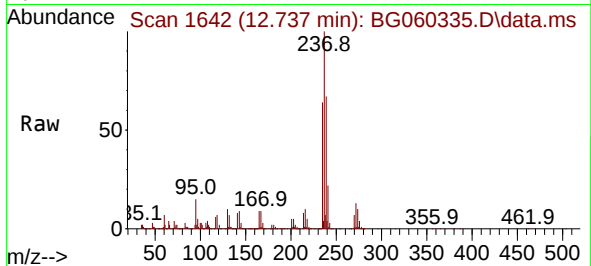




#41  
Hexachlorocyclopentadiene  
Concen: 101.926 ng  
RT: 12.737 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

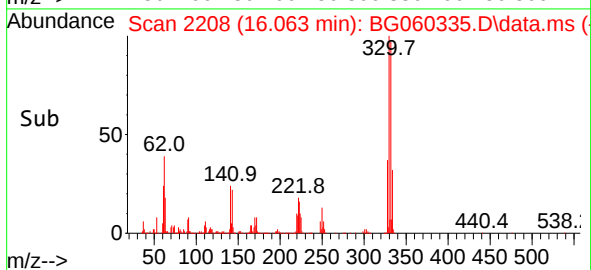
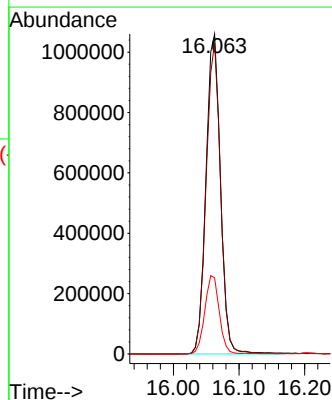
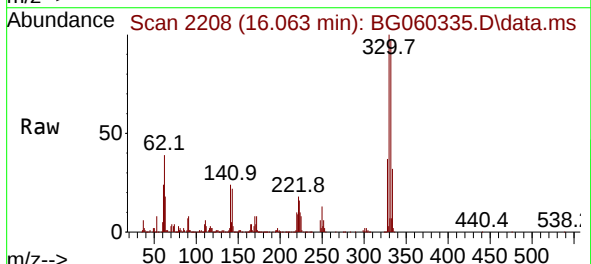
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

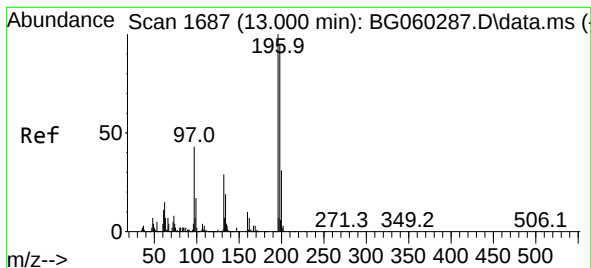
Tgt Ion:237 Resp: 1050028  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.6 81.6  
272 13.3 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 127.086 ng  
RT: 16.063 min Scan# 2208  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:330 Resp: 1633621  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.7 115.1  
141 24.7 18.6 28.0





#43

2,4,6-Trichlorophenol

Concen: 41.059 ng

RT: 13.002 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

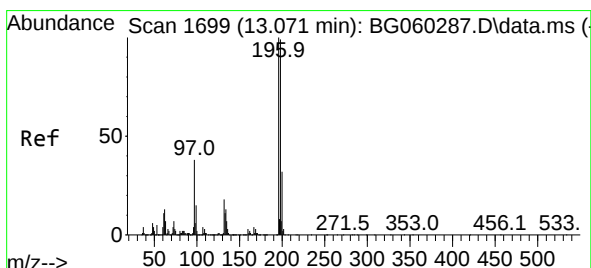
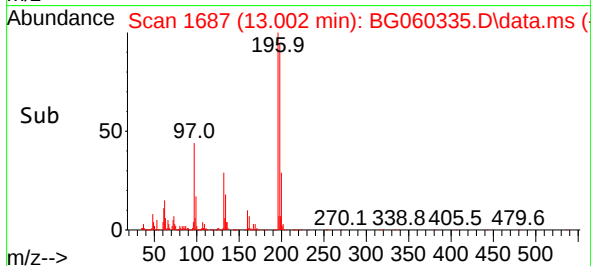
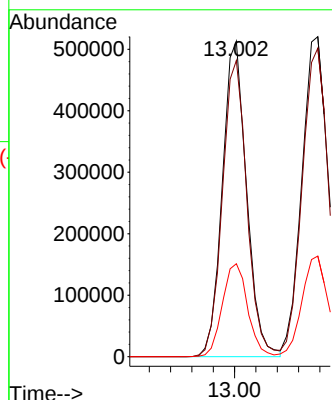
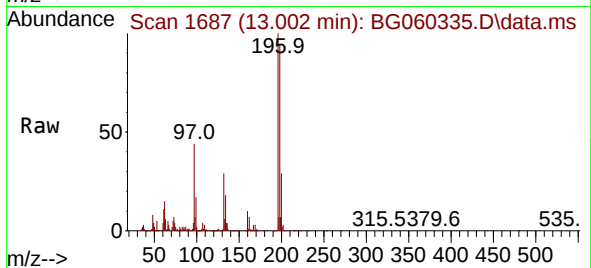
Tgt Ion:196 Resp: 810778

Ion Ratio Lower Upper

196 100

198 93.9 75.7 113.5

200 29.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.238 ng

RT: 13.078 min Scan# 1700

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Tgt Ion:196 Resp: 919950

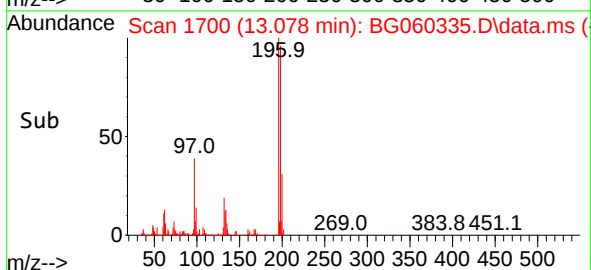
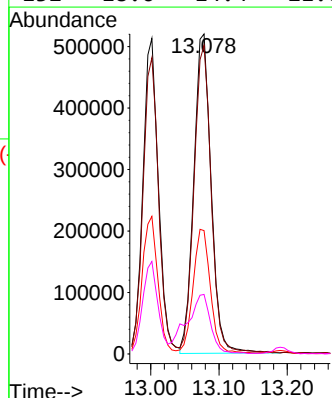
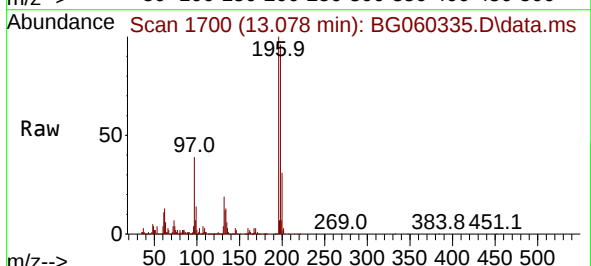
Ion Ratio Lower Upper

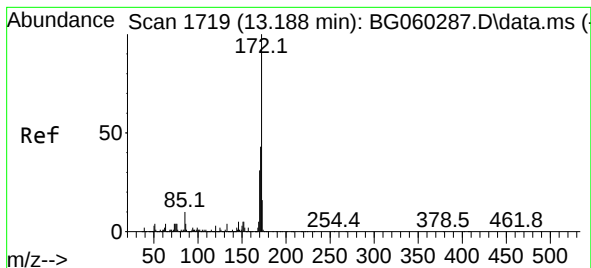
196 100

198 96.4 78.6 118.0

97 38.5 30.6 46.0

132 18.6 14.4 21.6





#45

2-Fluorobiphenyl

Concen: 66.993 ng

RT: 13.190 min Scan# 1719

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

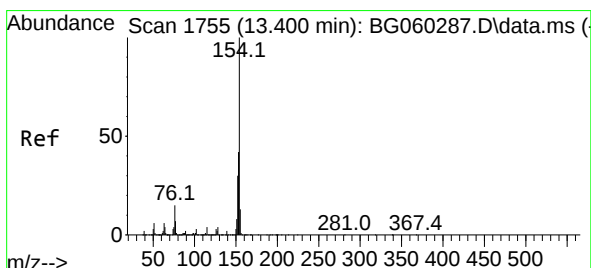
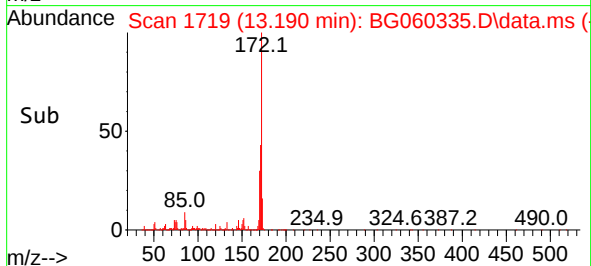
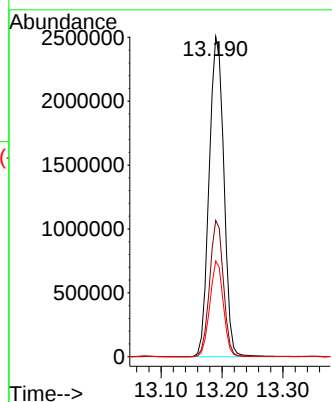
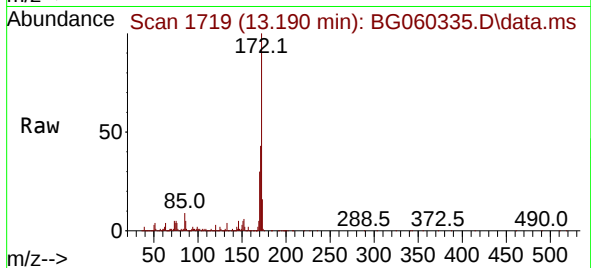
Tgt Ion:172 Resp: 4209863

Ion Ratio Lower Upper

172 100

171 42.6 34.6 51.8

170 29.9 24.4 36.6



#46

1,1'-Biphenyl

Concen: 37.101 ng

RT: 13.401 min Scan# 1755

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

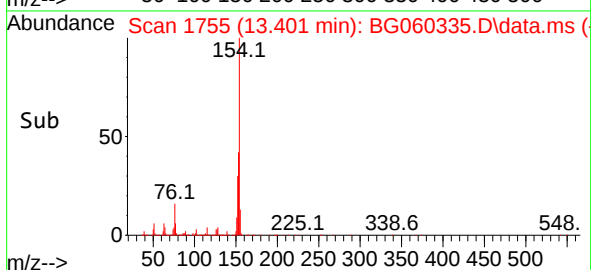
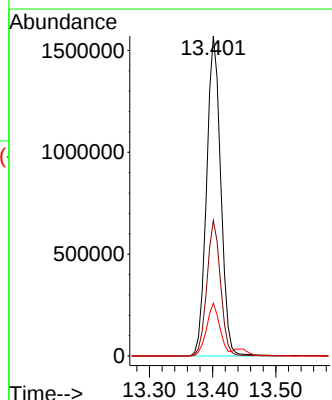
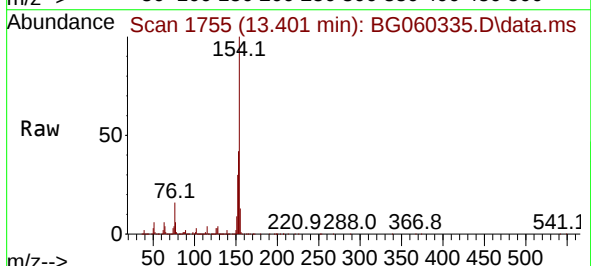
Tgt Ion:154 Resp: 2446796

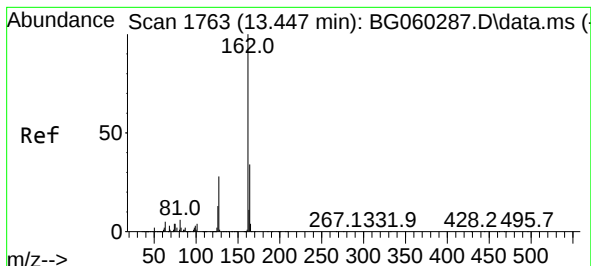
Ion Ratio Lower Upper

154 100

153 42.3 22.0 62.0

76 16.5 0.0 35.2





#47

2-Chloronaphthalene

Concen: 36.076 ng

RT: 13.442 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

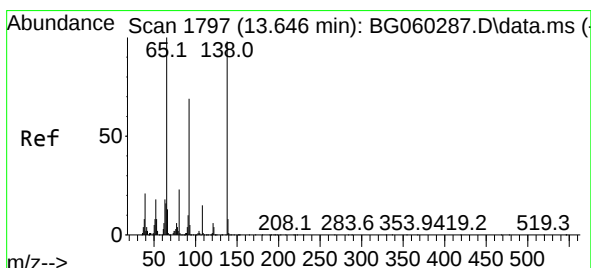
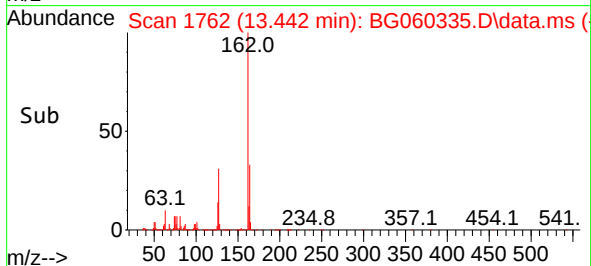
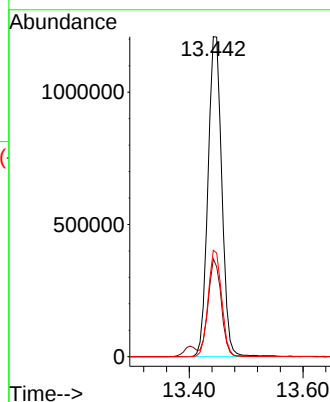
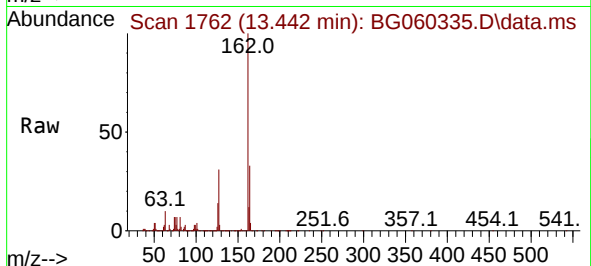
Tgt Ion:162 Resp: 2038196

Ion Ratio Lower Upper

162 100

127 30.5 23.5 35.3

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 46.643 ng

RT: 13.648 min Scan# 1797

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

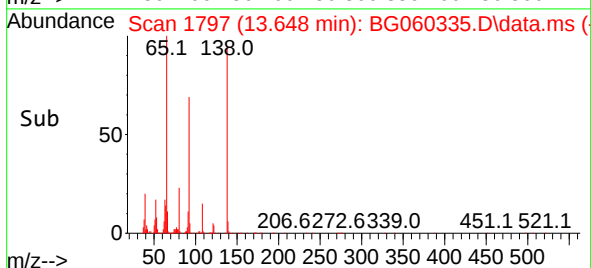
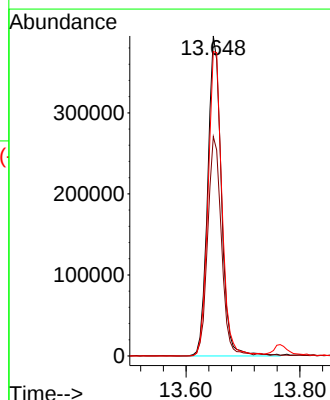
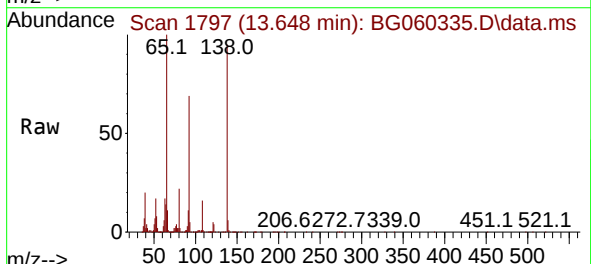
Tgt Ion: 65 Resp: 656267

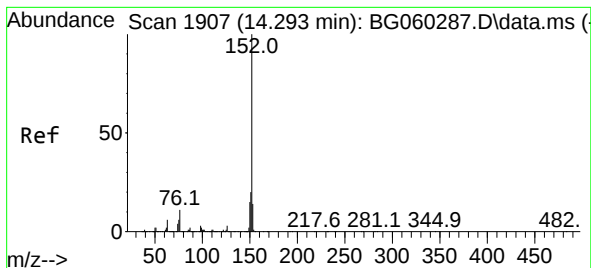
Ion Ratio Lower Upper

65 100

92 68.6 55.0 82.6

138 95.2 78.1 117.1





#49

Acenaphthylene

Concen: 40.128 ng

RT: 14.294 min Scan# 1907

Delta R.T. 0.001 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

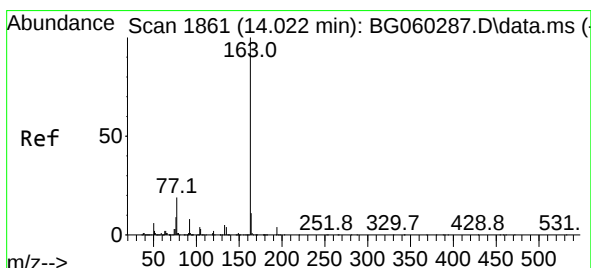
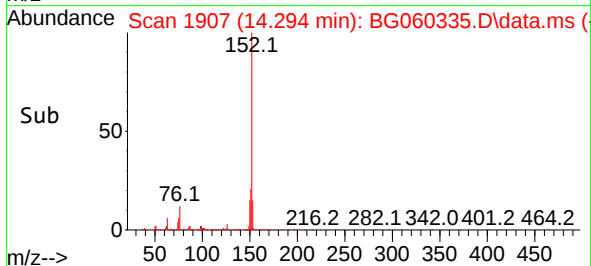
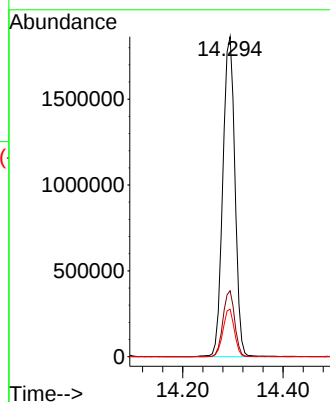
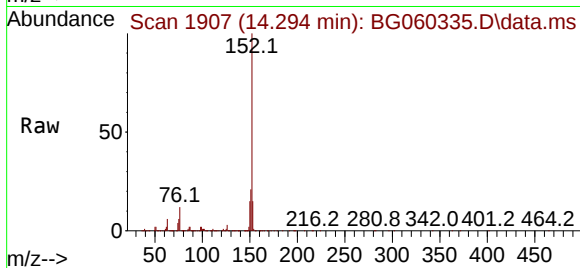
Tgt Ion:152 Resp: 3121971

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 14.8 11.5 17.3



#50

Dimethylphthalate

Concen: 41.244 ng

RT: 14.024 min Scan# 1861

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

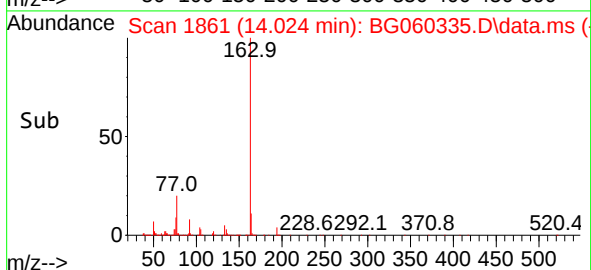
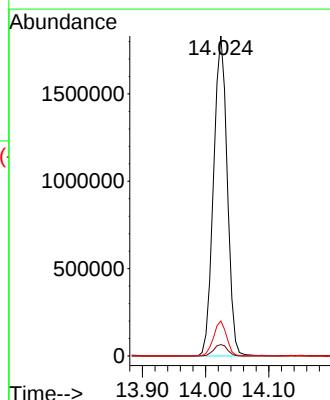
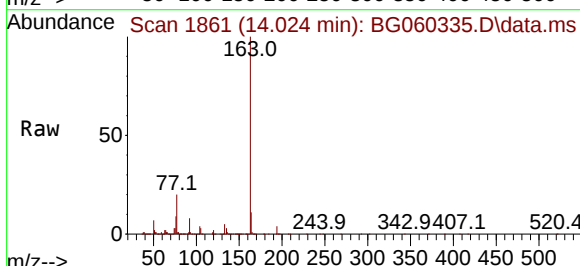
Tgt Ion:163 Resp: 2753659

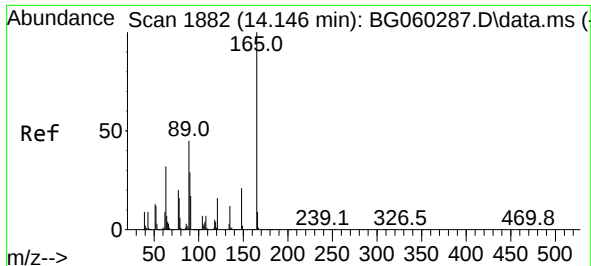
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.9 8.8 13.2

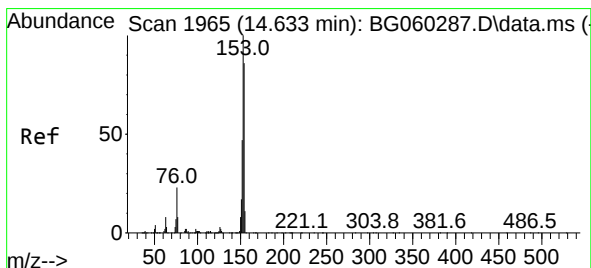
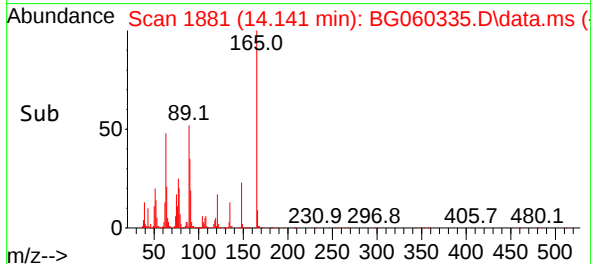
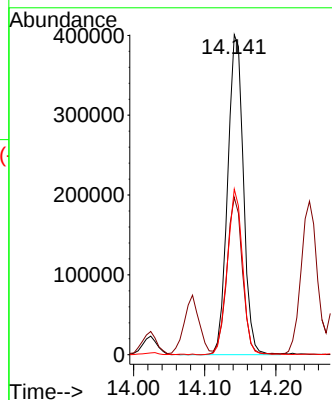
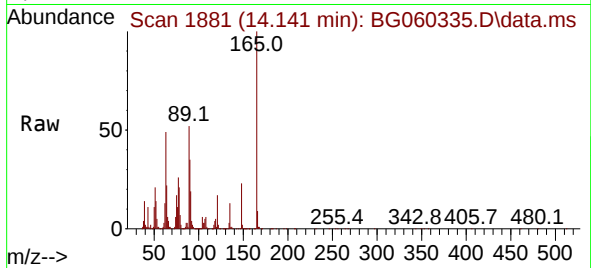




#51  
2,6-Dinitrotoluene  
Concen: 43.170 ng  
RT: 14.141 min Scan# 1882  
Delta R.T. -0.005 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

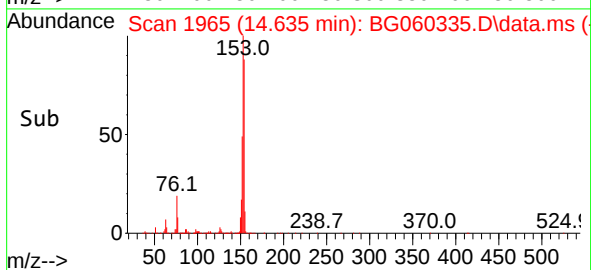
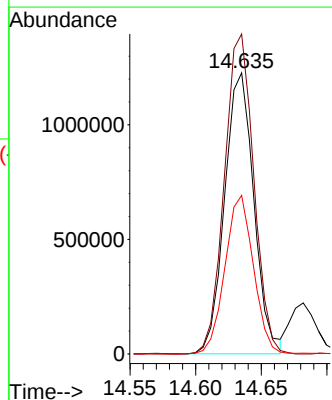
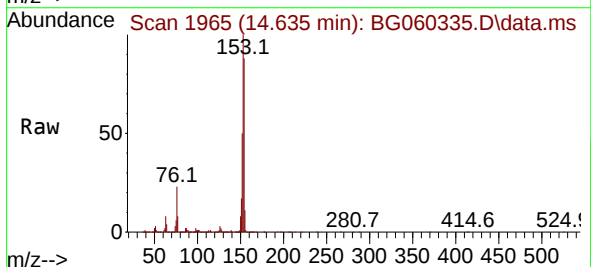
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

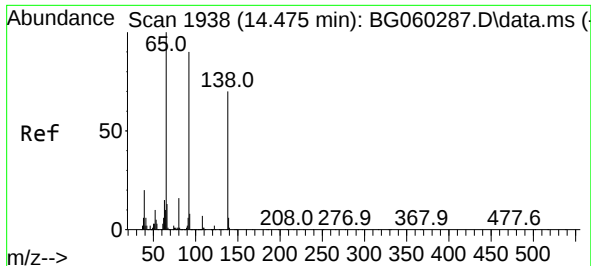
Tgt Ion:165 Resp: 615021  
Ion Ratio Lower Upper  
165 100  
63 49.1 35.0 52.4  
89 51.8 36.2 54.2



#52  
Acenaphthene  
Concen: 39.309 ng  
RT: 14.635 min Scan# 1965  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:154 Resp: 1904326  
Ion Ratio Lower Upper  
154 100  
153 113.8 92.6 138.8  
152 56.4 43.8 65.8

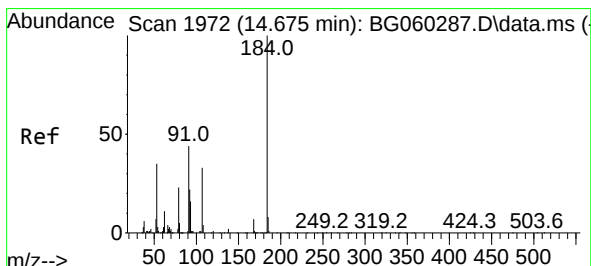
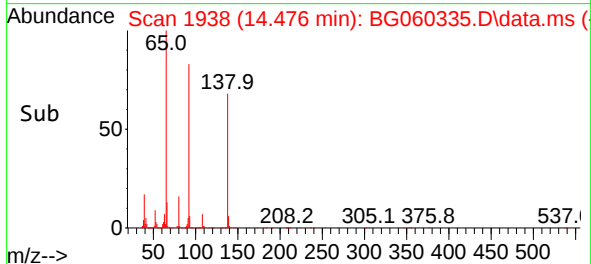
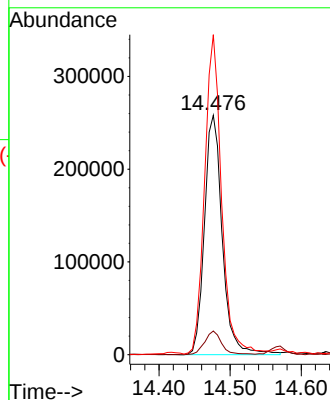
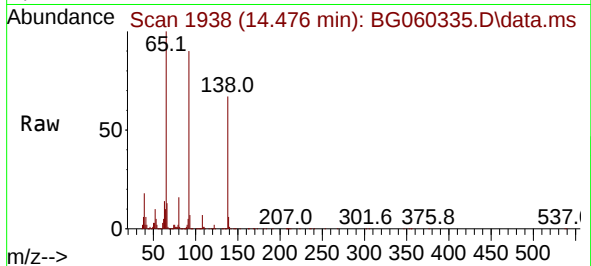




#53  
3-Nitroaniline  
Concen: 34.794 ng  
RT: 14.476 min Scan# 1938  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

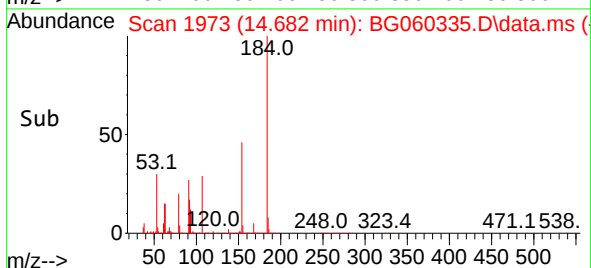
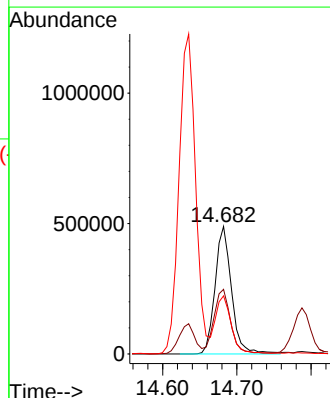
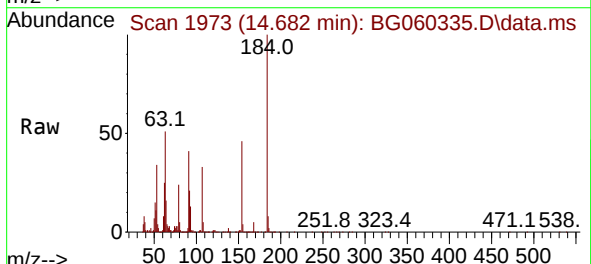
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion:138 Resp: 451678  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 133.7 102.4 153.6



#54  
2,4-Dinitrophenol  
Concen: 86.507 ng  
RT: 14.682 min Scan# 1973  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:184 Resp: 753991  
Ion Ratio Lower Upper  
184 100  
63 50.8 41.0 61.4  
154 45.5 39.2 58.8

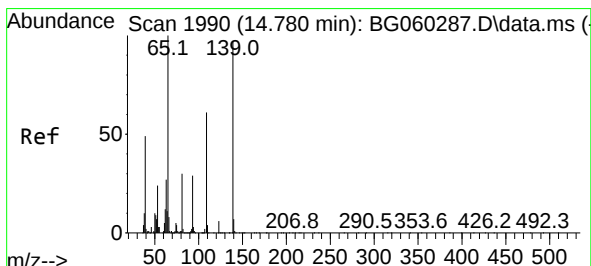
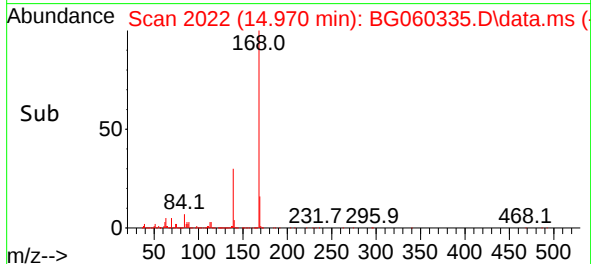
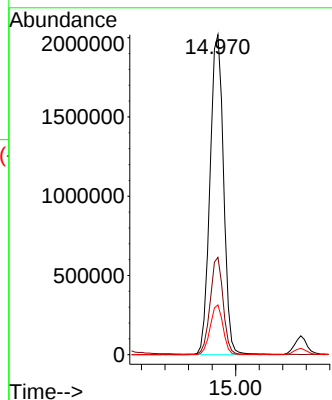
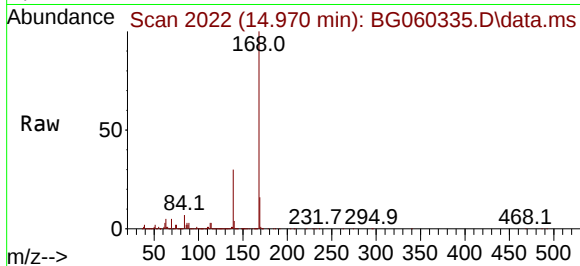




#55  
Dibenzenofuran  
Concen: 39.864 ng  
RT: 14.970 min Scan# 20  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

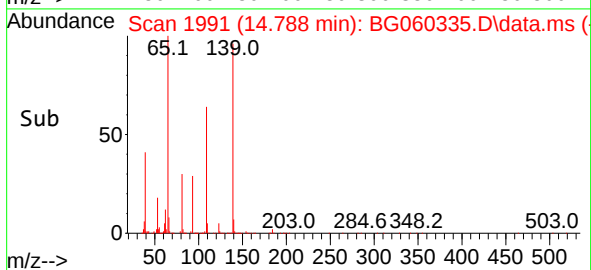
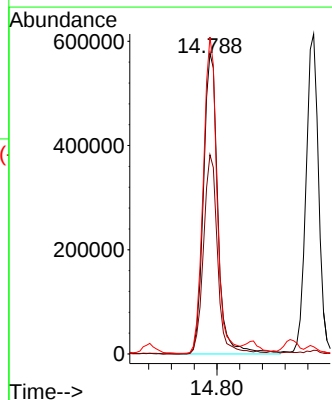
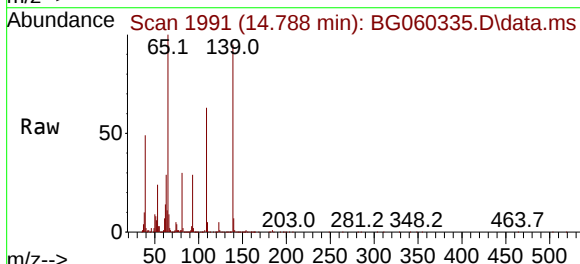
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

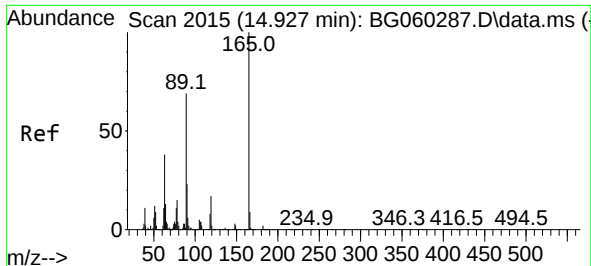
Tgt Ion:168 Resp: 3223860  
Ion Ratio Lower Upper  
168 100  
139 30.4 22.6 34.0  
169 15.5 12.1 18.1



#56  
4-Nitrophenol  
Concen: 105.149 ng  
RT: 14.788 min Scan# 1991  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:139 Resp: 1012449  
Ion Ratio Lower Upper  
139 100  
109 66.3 42.2 82.2  
65 105.4 83.3 123.3





#57

2,4-Dinitrotoluene

Concen: 45.811 ng

RT: 14.935 min Scan# 2015

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Tgt Ion:165 Resp: 894960

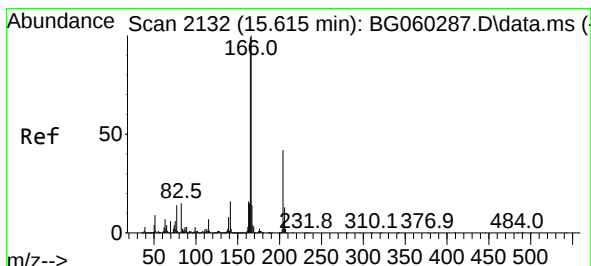
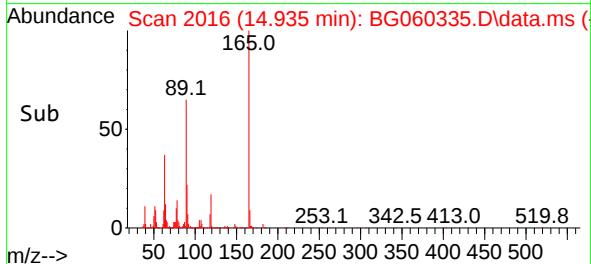
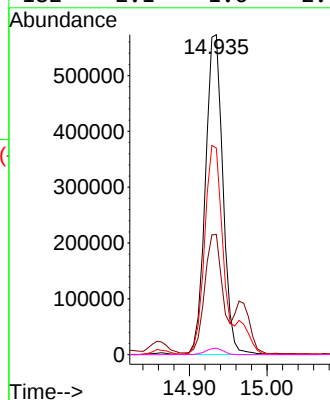
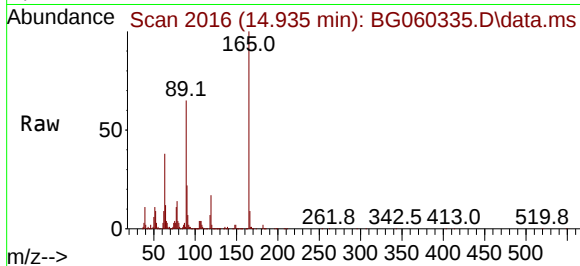
Ion Ratio Lower Upper

165 100

63 37.5 30.4 45.6

89 64.6 55.4 83.0

182 2.1 1.6 2.4



#58

Fluorene

Concen: 40.423 ng

RT: 15.616 min Scan# 2132

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

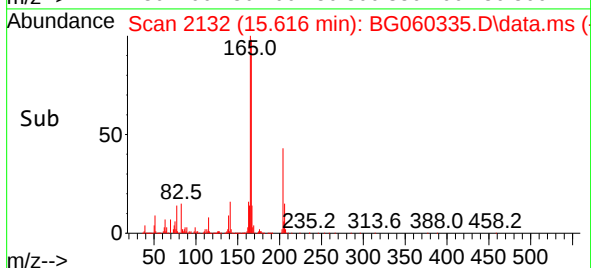
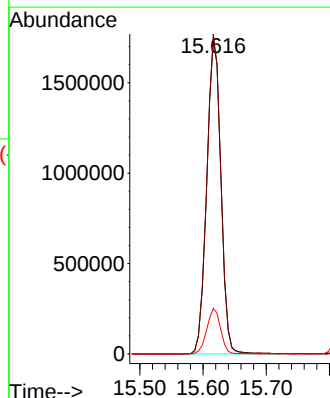
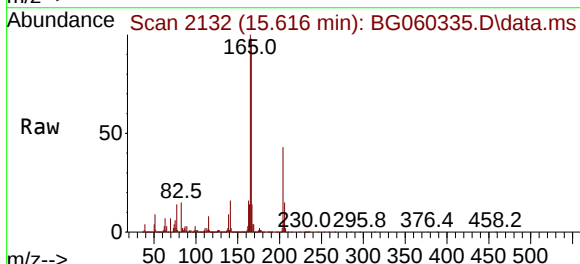
Tgt Ion:166 Resp: 2707190

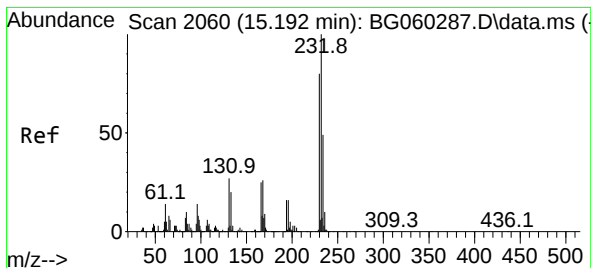
Ion Ratio Lower Upper

166 100

165 101.8 79.0 118.6

167 14.5 11.4 17.0

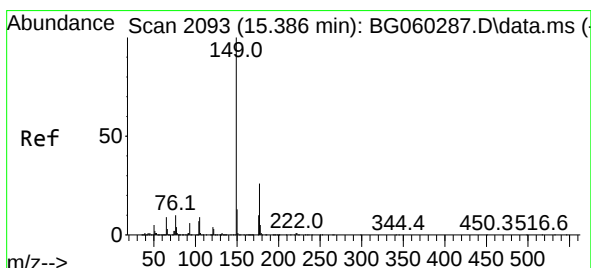
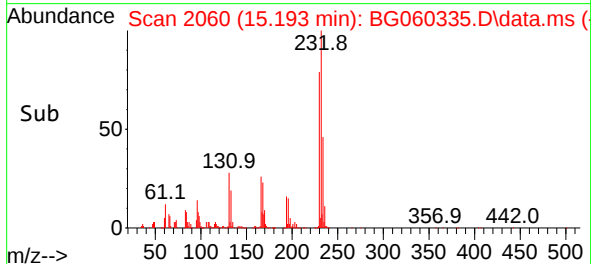
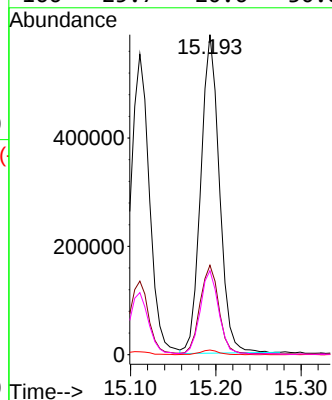
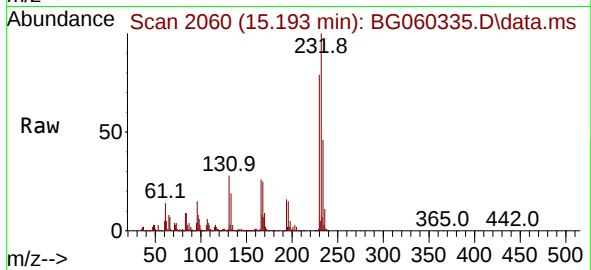




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.131 ng  
RT: 15.193 min Scan# 2060  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

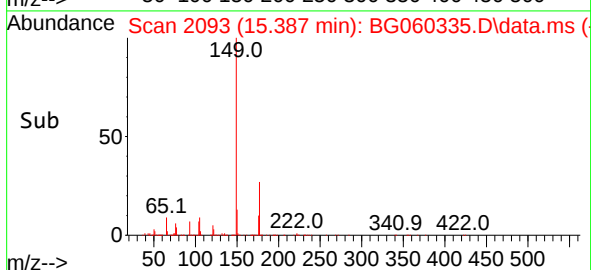
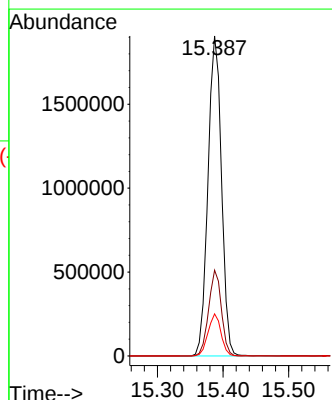
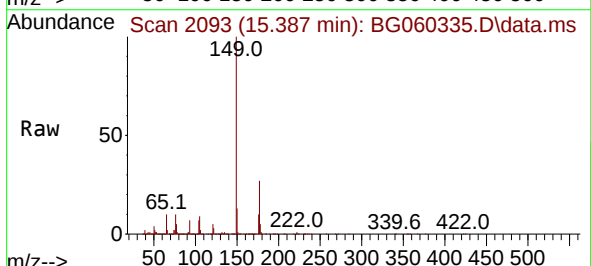
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

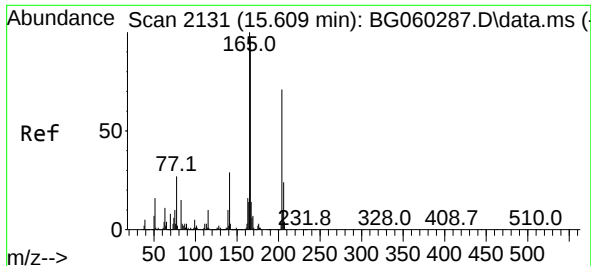
Tgt Ion:232 Resp: 890189  
Ion Ratio Lower Upper  
232 100  
131 28.4 22.7 34.1  
130 1.5 1.1 1.7  
166 25.7 20.6 30.8



#60  
Diethylphthalate  
Concen: 42.630 ng  
RT: 15.387 min Scan# 2093  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:149 Resp: 2732426  
Ion Ratio Lower Upper  
149 100  
177 26.8 20.9 31.3  
150 13.2 10.2 15.2

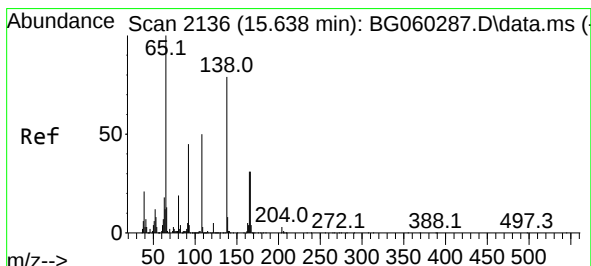
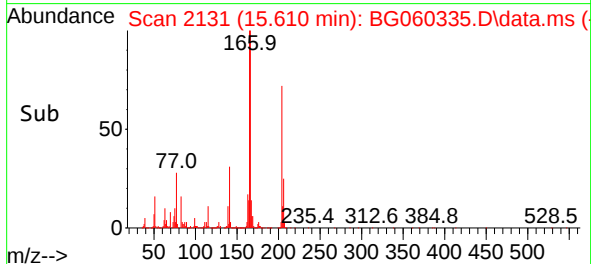
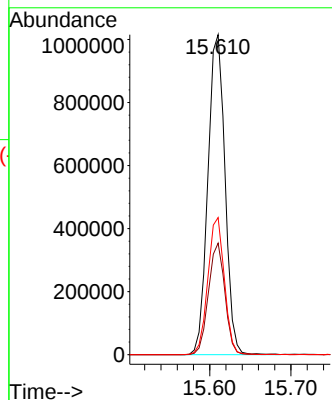
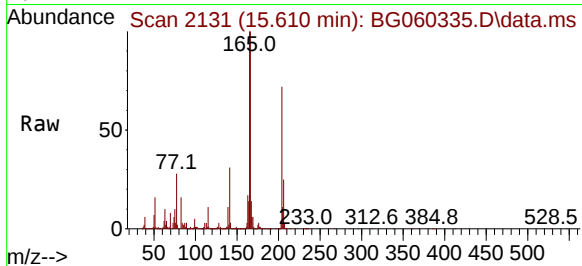




#61  
4-Chlorophenyl-phenylether  
Concen: 40.182 ng  
RT: 15.610 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

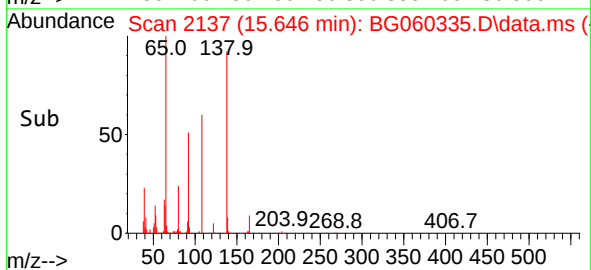
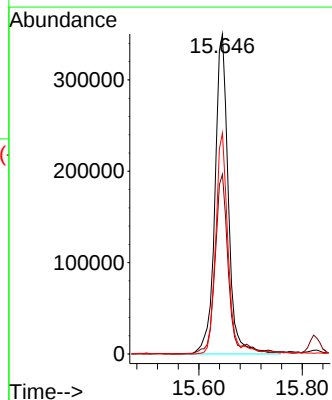
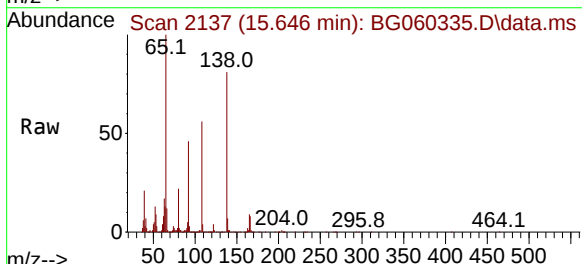
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

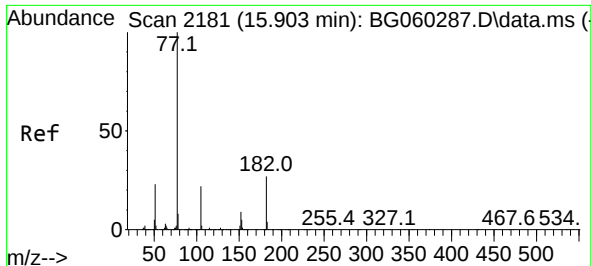
Tgt Ion:204 Resp: 1482415  
Ion Ratio Lower Upper  
204 100  
206 34.8 27.1 40.7  
141 42.9 32.2 48.2



#62  
4-Nitroaniline  
Concen: 45.680 ng  
RT: 15.646 min Scan# 2137  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:138 Resp: 631117  
Ion Ratio Lower Upper  
138 100  
92 56.2 37.0 77.0  
108 69.1 43.1 83.1

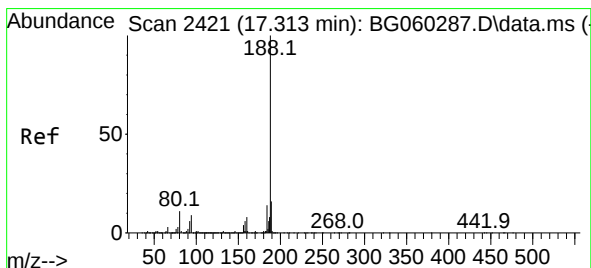
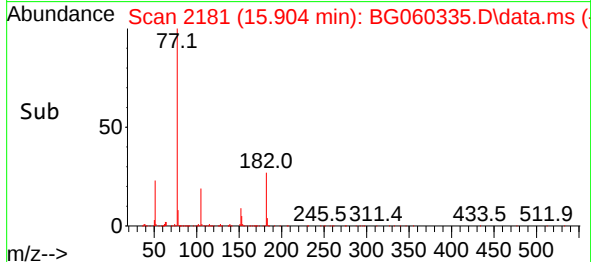
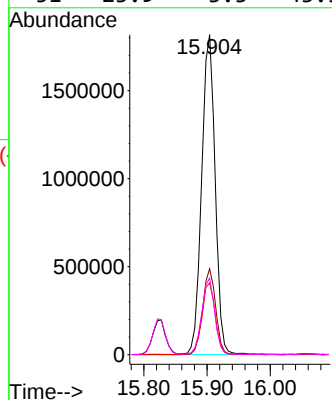
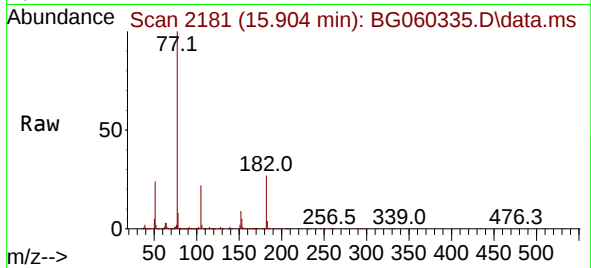




#63  
Azobenzene  
Concen: 41.447 ng  
RT: 15.904 min Scan# 2181  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

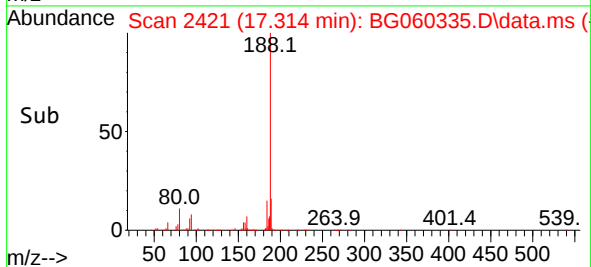
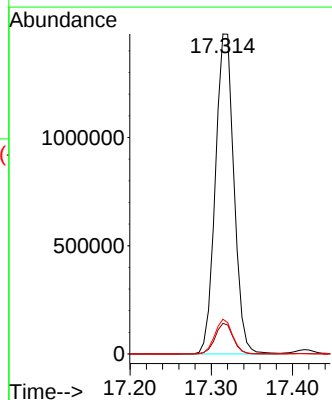
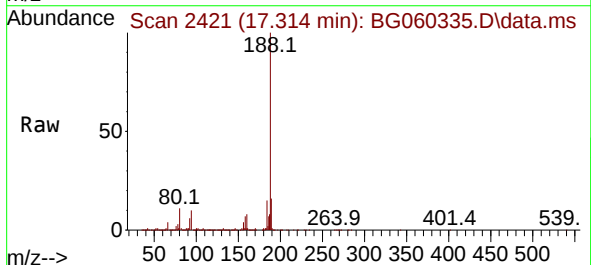
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

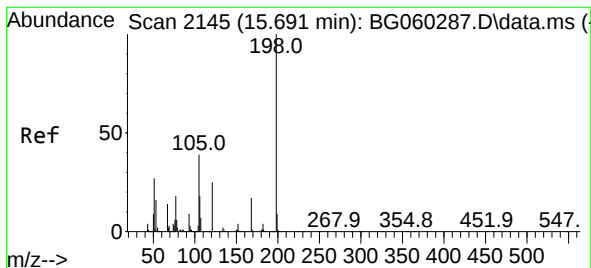
Tgt Ion: 77 Resp: 2687005  
Ion Ratio Lower Upper  
77 100  
182 26.8 6.5 46.5  
105 22.4 1.8 41.8  
51 23.9 3.3 43.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.314 min Scan# 2421  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:188 Resp: 2348554  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.1 10.7  
80 10.9 8.5 12.7

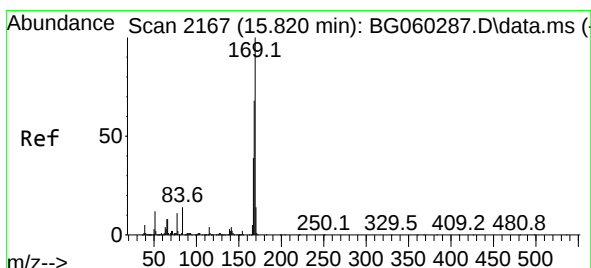
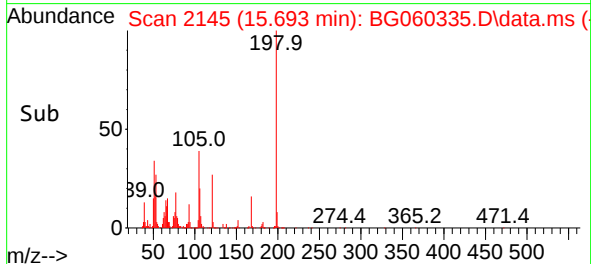
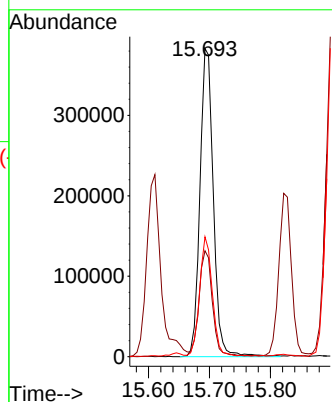
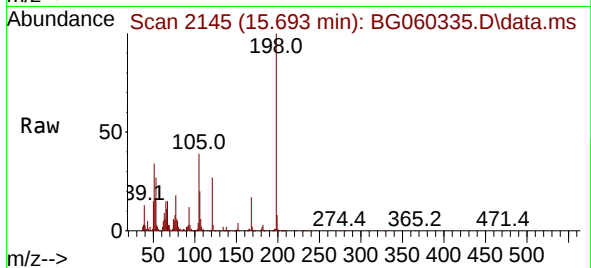




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.099 ng  
RT: 15.693 min Scan# 2145  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

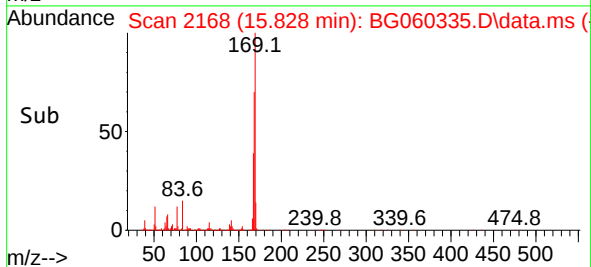
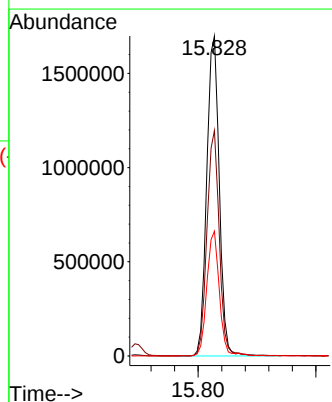
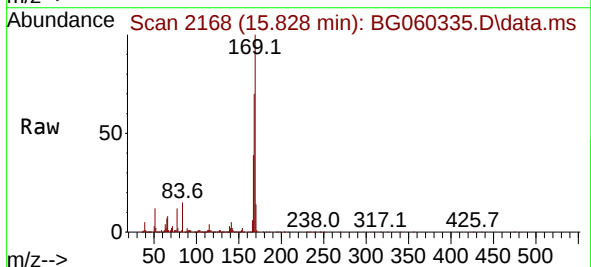
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

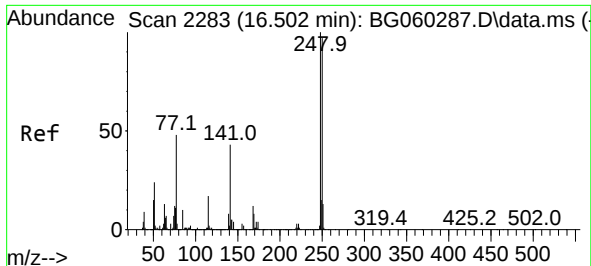
Tgt Ion:198 Resp: 585950  
Ion Ratio Lower Upper  
198 100  
51 34.4 11.8 51.8  
105 38.9 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 40.300 ng  
RT: 15.828 min Scan# 2168  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:169 Resp: 2513082  
Ion Ratio Lower Upper  
169 100  
168 70.5 54.4 81.6  
167 39.0 31.2 46.8

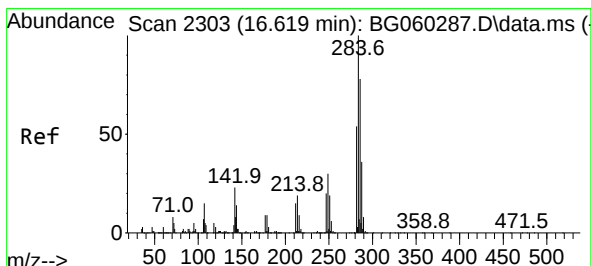
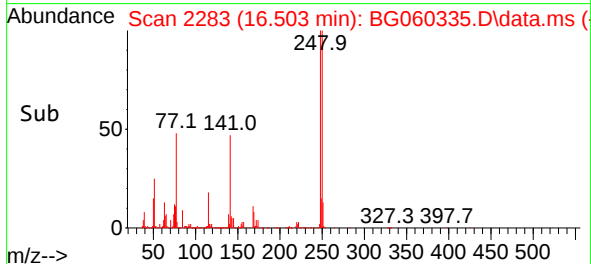
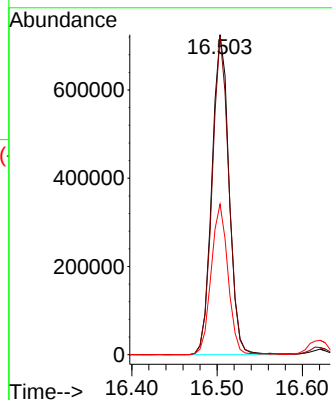
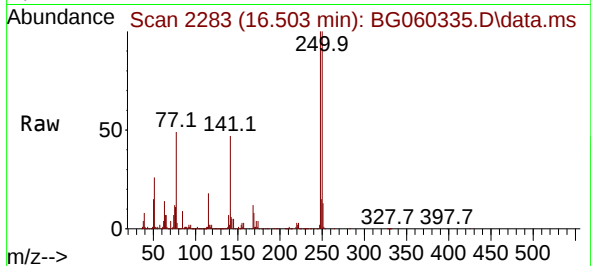




#67  
4-Bromophenyl-phenylether  
Concen: 39.240 ng  
RT: 16.503 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

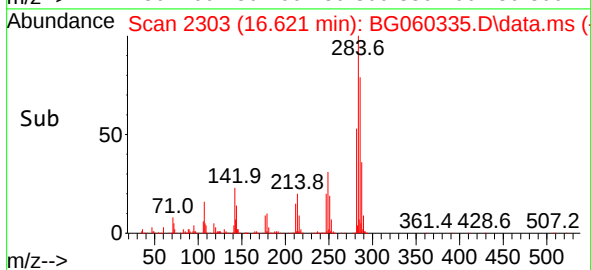
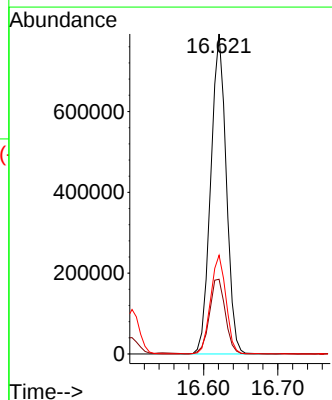
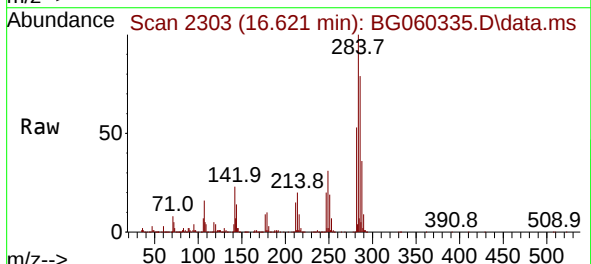
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

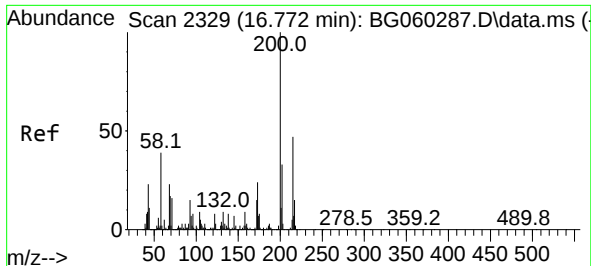
Tgt Ion:248 Resp: 1012621  
Ion Ratio Lower Upper  
248 100  
250 99.7 77.6 116.4  
141 47.0 34.2 51.4



#68  
Hexachlorobenzene  
Concen: 37.663 ng  
RT: 16.621 min Scan# 2303  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:284 Resp: 1150474  
Ion Ratio Lower Upper  
284 100  
142 23.4 18.2 27.4  
249 30.8 24.3 36.5

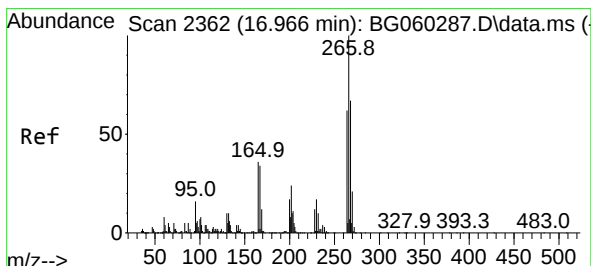
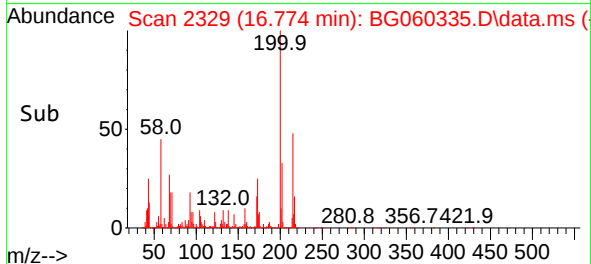
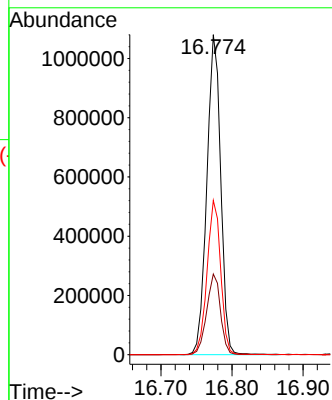
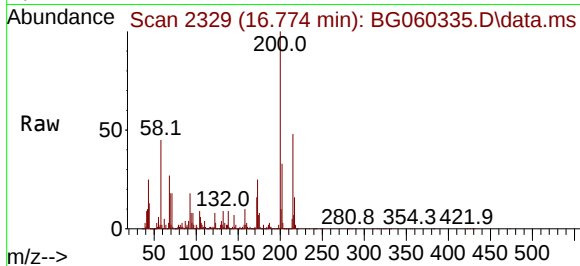




#69  
 Atrazine  
 Concen: 62.302 ng  
 RT: 16.774 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

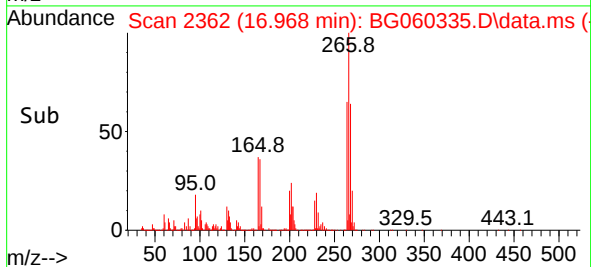
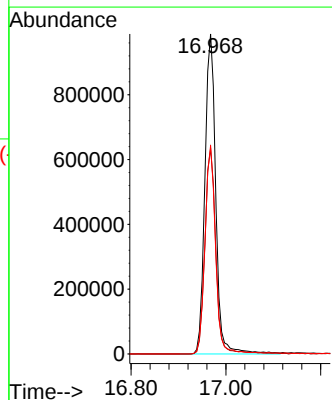
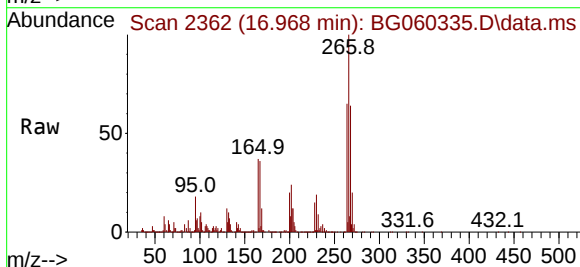
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158460BS

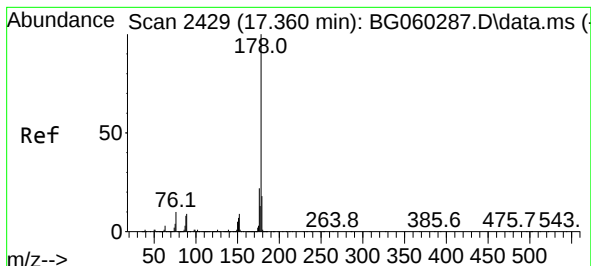
Tgt Ion:200 Resp: 1464981  
 Ion Ratio Lower Upper  
 200 100  
 173 25.2 4.1 44.1  
 215 48.2 27.4 67.4



#70  
 Pentachlorophenol  
 Concen: 95.210 ng  
 RT: 16.968 min Scan# 2362  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion:266 Resp: 1567656  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 57.4 86.2  
 264 65.1 49.8 74.8





#71

Phenanthrene

Concen: 38.987 ng

RT: 17.361 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

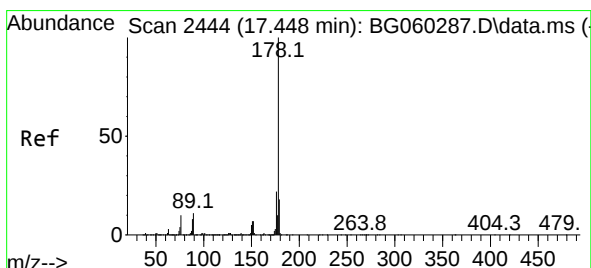
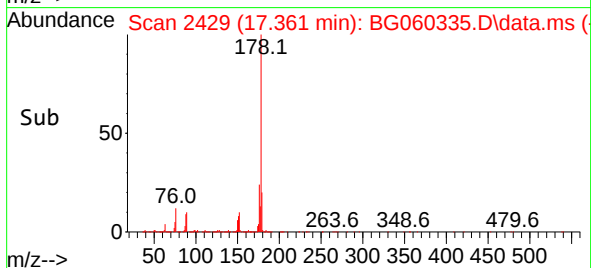
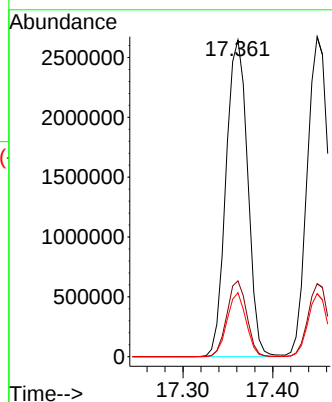
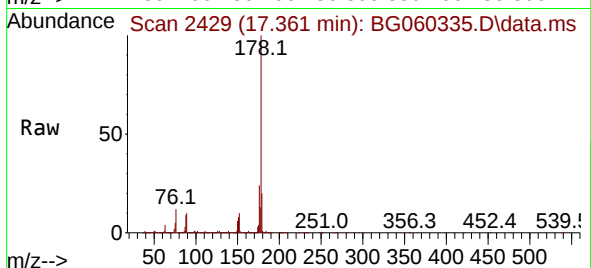
Tgt Ion:178 Resp: 4425693

Ion Ratio Lower Upper

178 100

176 24.0 17.4 26.2

179 20.2 14.7 22.1



#72

Anthracene

Concen: 39.401 ng

RT: 17.449 min Scan# 2444

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

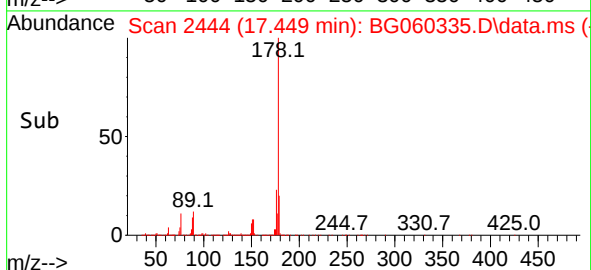
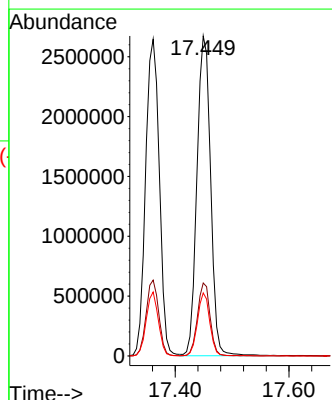
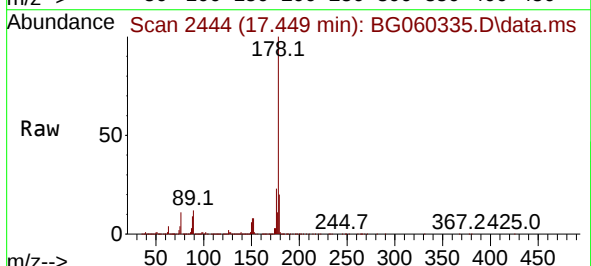
Tgt Ion:178 Resp: 4465537

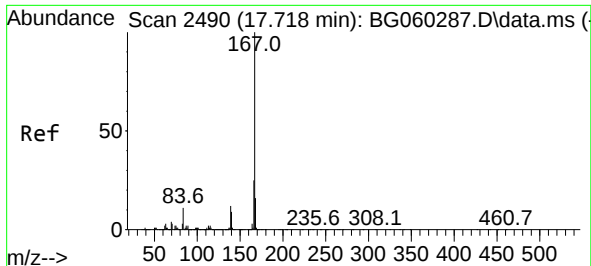
Ion Ratio Lower Upper

178 100

176 22.8 17.8 26.6

179 19.7 14.1 21.1

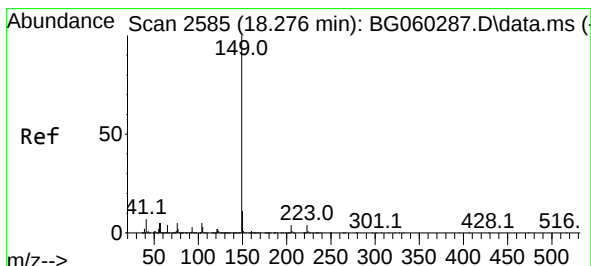
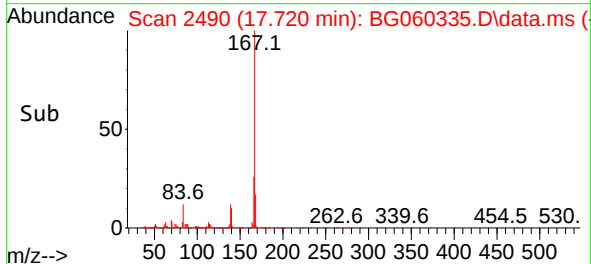
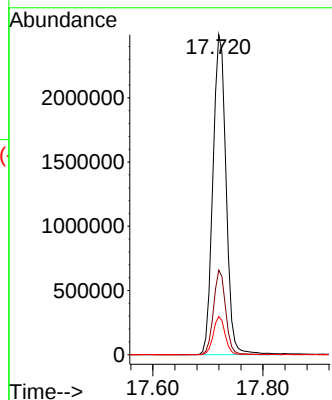
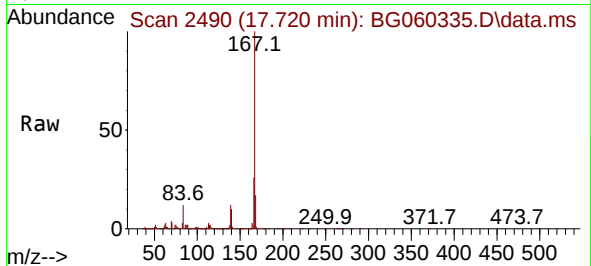




#73  
Carbazole  
Concen: 38.825 ng  
RT: 17.720 min Scan# 2490  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

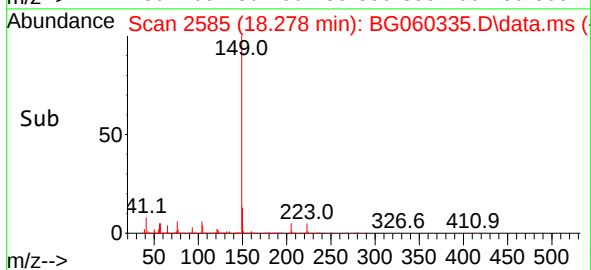
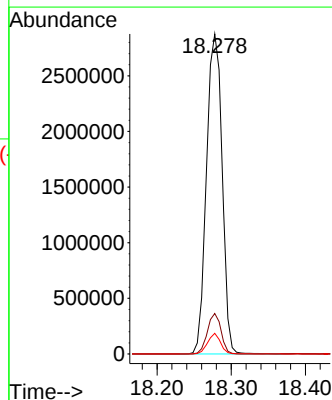
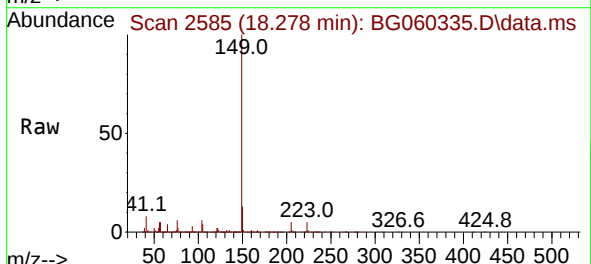
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

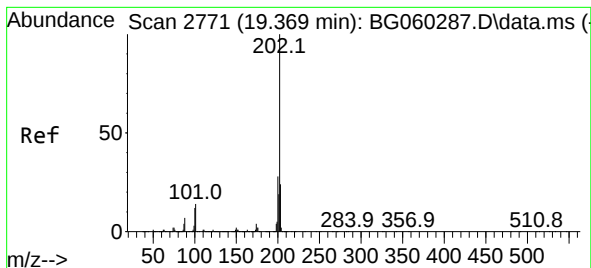
Tgt Ion:167 Resp: 4148394  
Ion Ratio Lower Upper  
167 100  
166 26.5 19.8 29.8  
139 11.9 9.3 13.9



#74  
Di-n-butylphthalate  
Concen: 38.308 ng  
RT: 18.278 min Scan# 2585  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:149 Resp: 4211516  
Ion Ratio Lower Upper  
149 100  
150 12.6 9.1 13.7  
104 6.5 4.3 6.5





#75

Fluoranthene

Concen: 35.960 ng

RT: 19.371 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

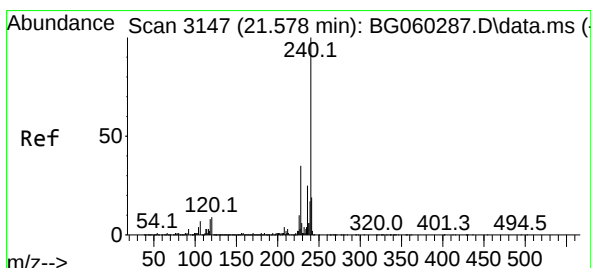
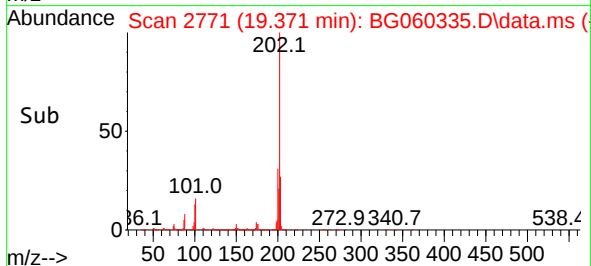
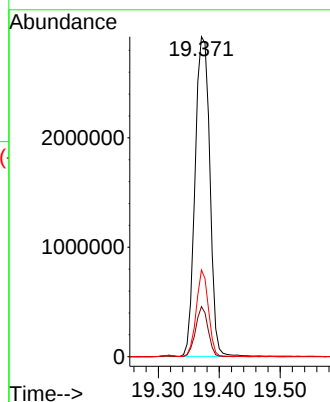
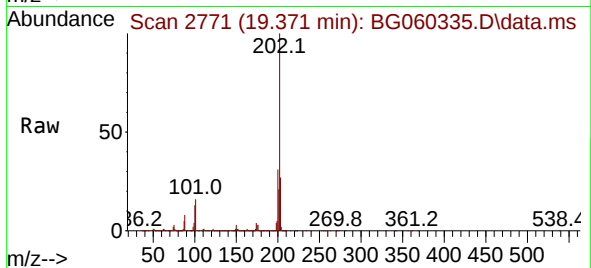
Tgt Ion:202 Resp: 4902978

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.4

203 27.1 4.0 44.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

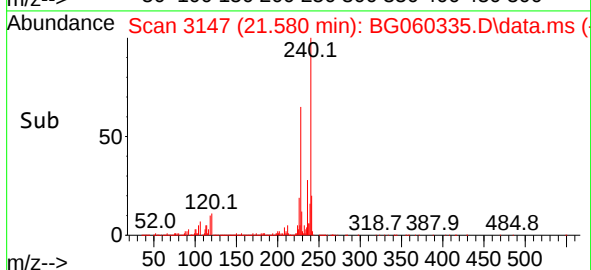
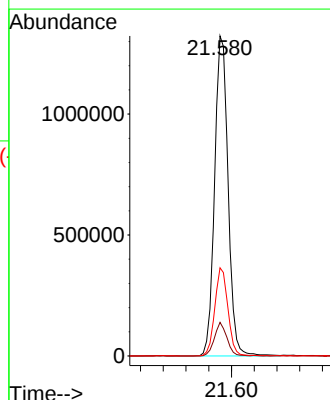
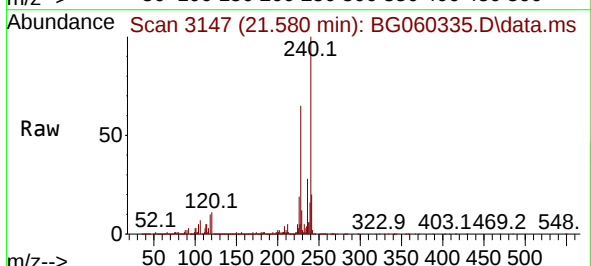
Tgt Ion:240 Resp: 2171801

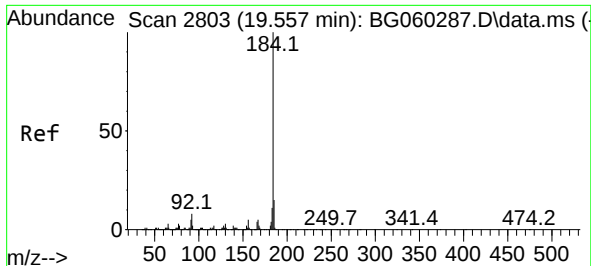
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 27.5 20.3 30.5

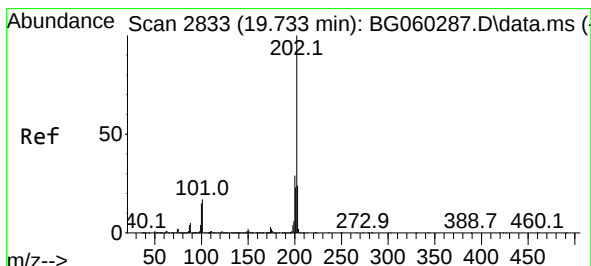
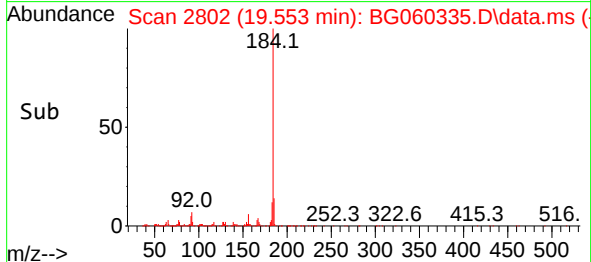
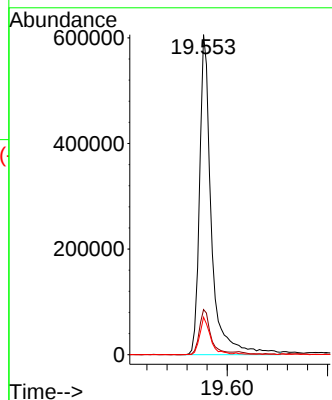
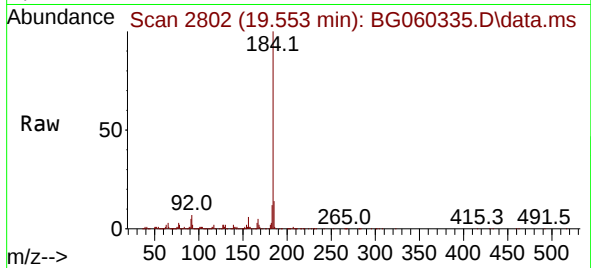




#77  
Benzidine  
Concen: 20.956 ng  
RT: 19.553 min Scan# 2802  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

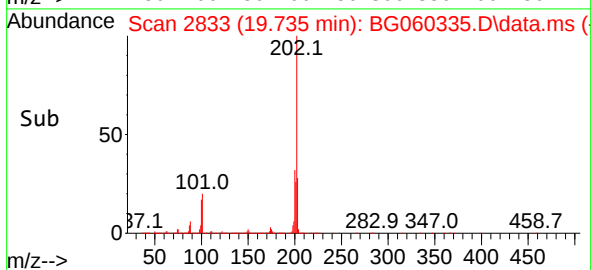
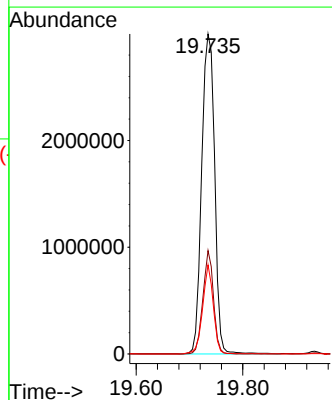
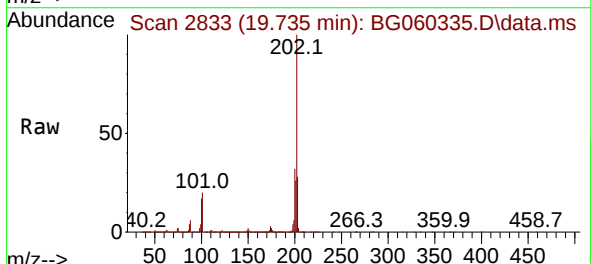
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

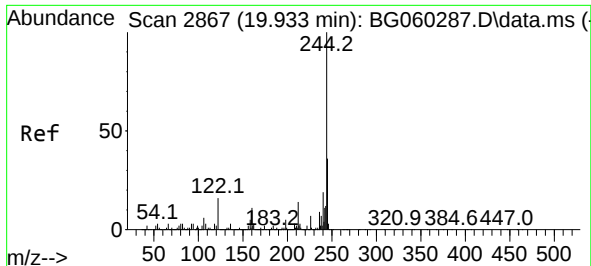
Tgt Ion:184 Resp: 988765  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.2 18.4  
183 11.7 9.0 13.4



#78  
Pyrene  
Concen: 36.404 ng  
RT: 19.735 min Scan# 2833  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:202 Resp: 5048837  
Ion Ratio Lower Upper  
202 100  
200 32.3 23.5 35.3  
203 27.8 19.6 29.4

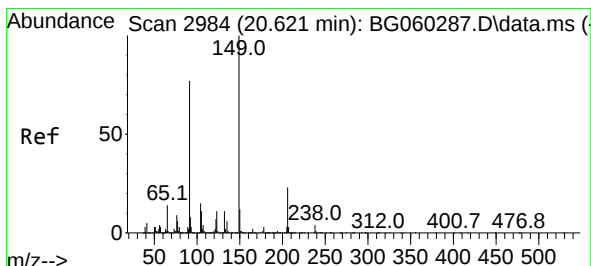
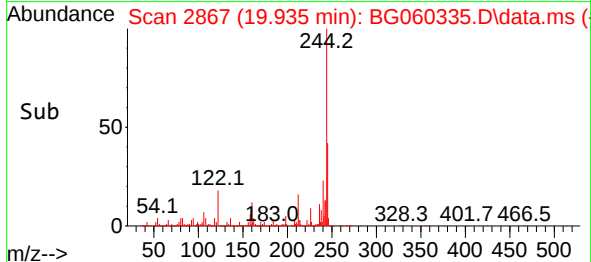
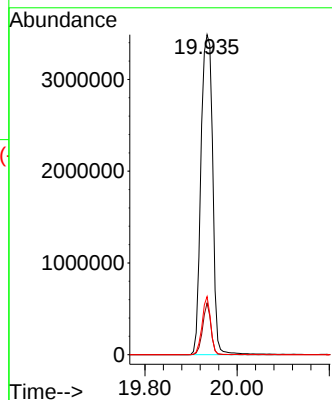
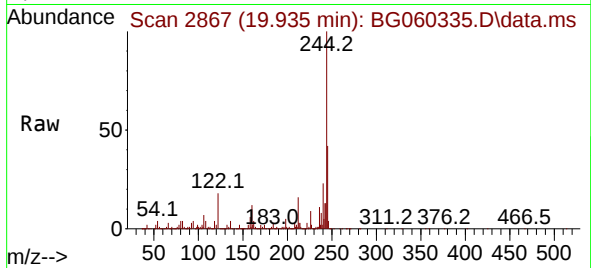




#79  
 Terphenyl-d14  
 Concen: 65.987 ng  
 RT: 19.935 min Scan# 2867  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

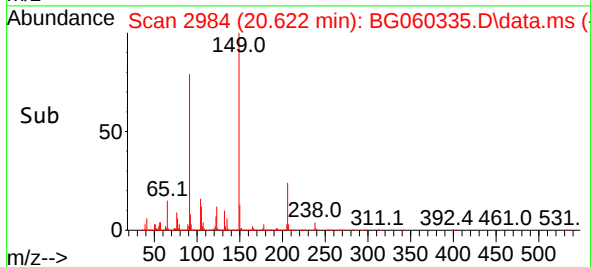
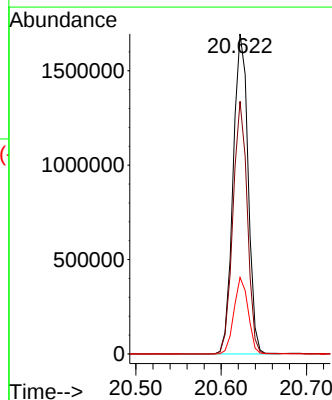
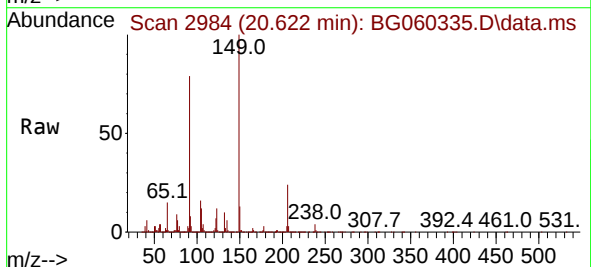
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158460BS

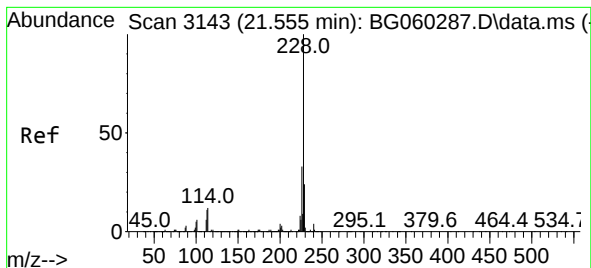
Tgt Ion:244 Resp: 6181514  
 Ion Ratio Lower Upper  
 244 100  
 212 16.2 10.9 16.3  
 122 18.2 12.6 18.8



#80  
 Butylbenzylphthalate  
 Concen: 43.282 ng  
 RT: 20.622 min Scan# 2984  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion:149 Resp: 2065209  
 Ion Ratio Lower Upper  
 149 100  
 91 79.0 61.4 92.2  
 206 23.9 18.0 27.0





#81

Benzo(a)anthracene

Concen: 38.971 ng

RT: 21.562 min Scan# 3144

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

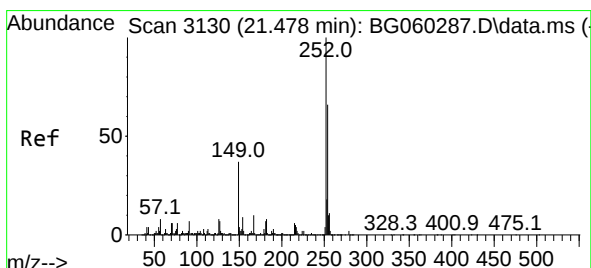
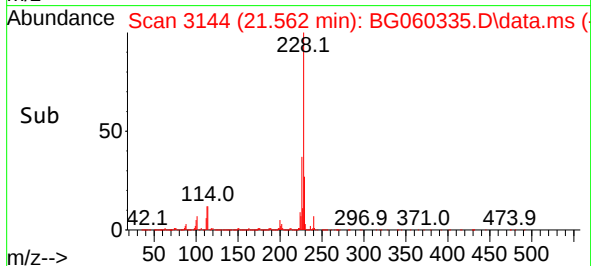
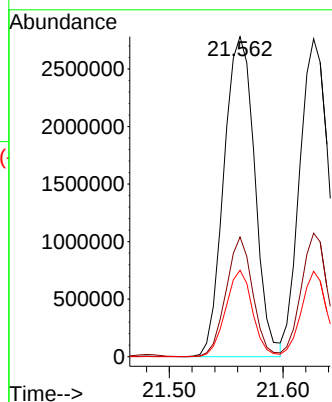
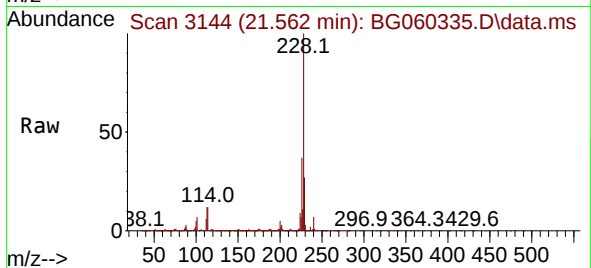
Tgt Ion:228 Resp: 5239646

Ion Ratio Lower Upper

228 100

226 37.4 26.2 39.2

229 27.0 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 36.850 ng

RT: 21.480 min Scan# 3130

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

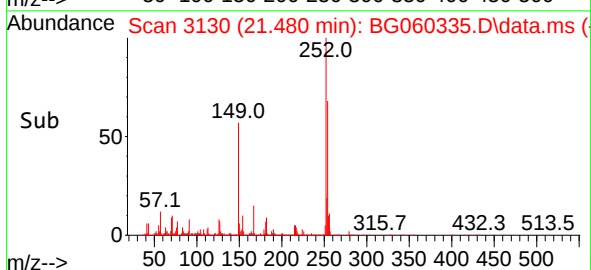
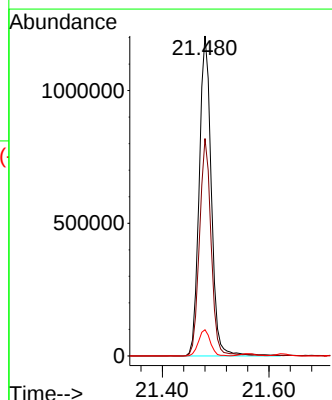
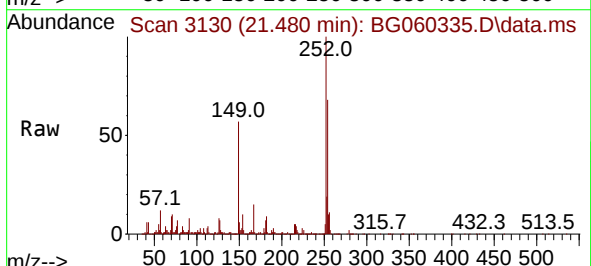
Tgt Ion:252 Resp: 1897416

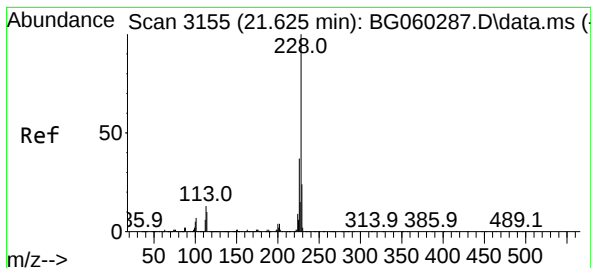
Ion Ratio Lower Upper

252 100

254 67.9 52.6 79.0

126 8.2 6.3 9.5





#83

Chrysene

Concen: 37.542 ng

RT: 21.627 min Scan# 3155

Delta R.T. 0.001 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

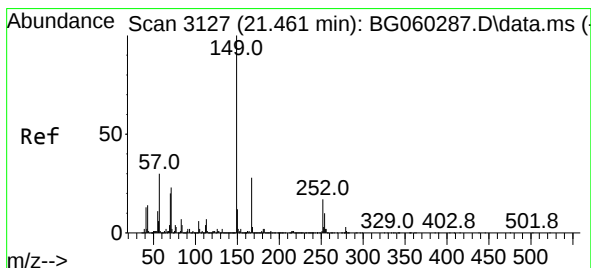
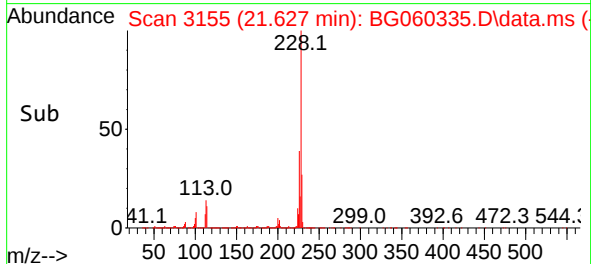
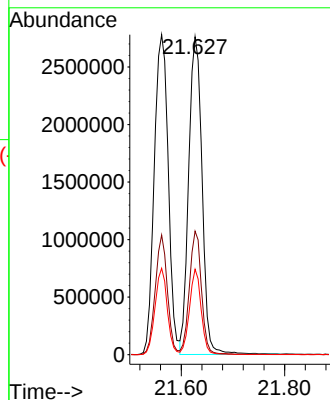
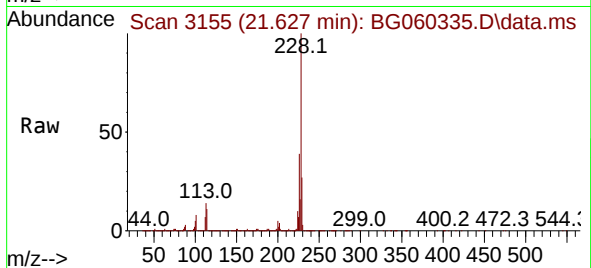
Tgt Ion:228 Resp: 4964333

Ion Ratio Lower Upper

228 100

226 38.9 29.4 44.2

229 26.9 19.2 28.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.853 ng

RT: 21.468 min Scan# 3128

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

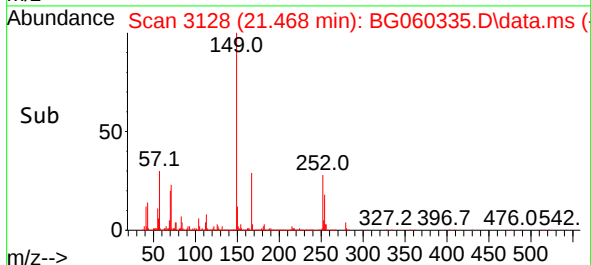
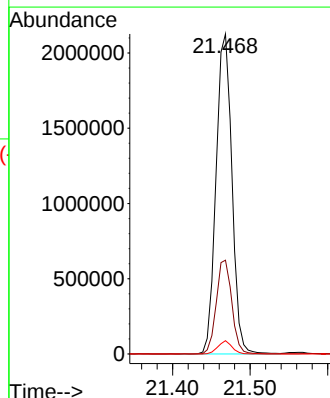
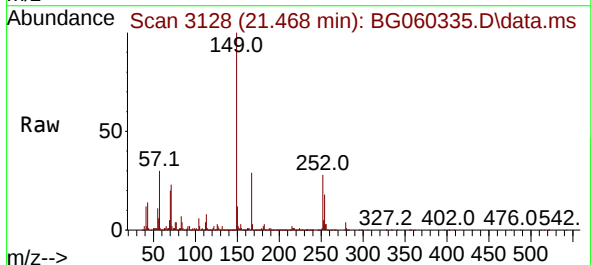
Tgt Ion:149 Resp: 3017719

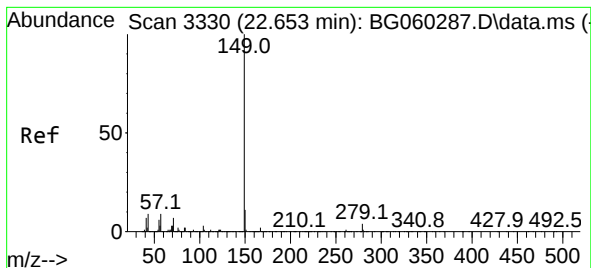
Ion Ratio Lower Upper

149 100

167 29.3 22.2 33.2

279 4.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 42.605 ng

RT: 22.655 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

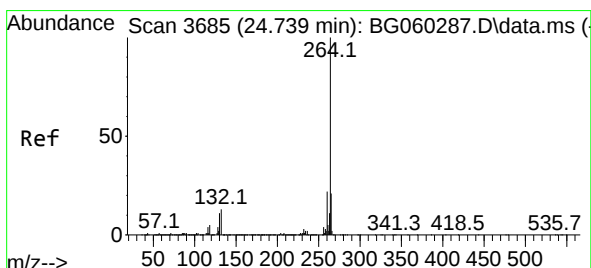
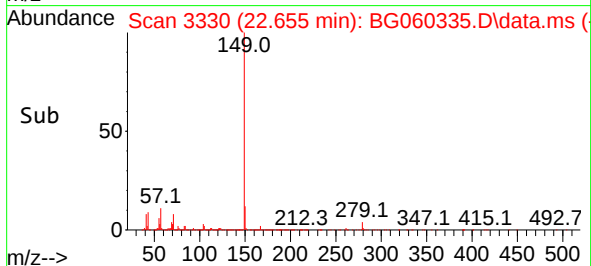
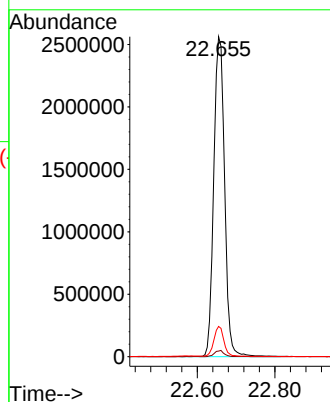
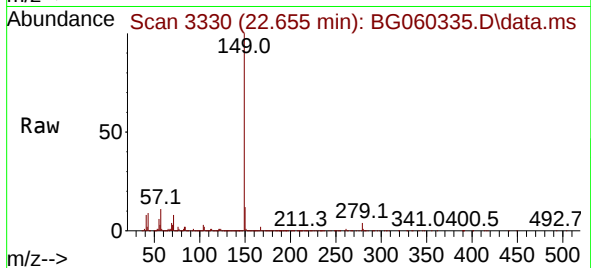
Tgt Ion:149 Resp: 4978086

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.747 min Scan# 3686

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

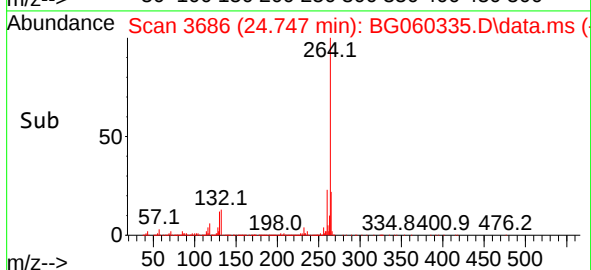
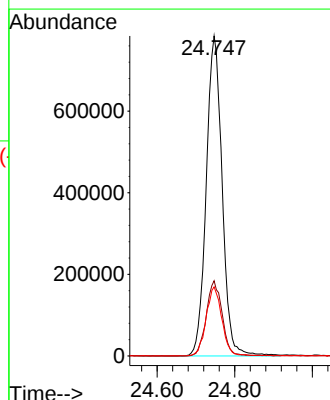
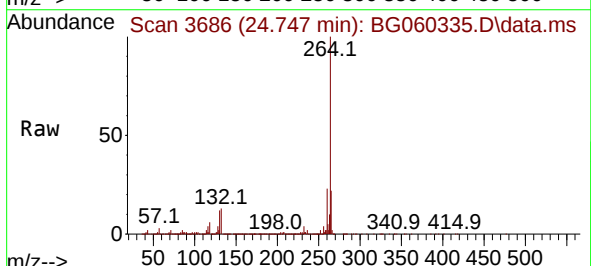
Tgt Ion:264 Resp: 2233737

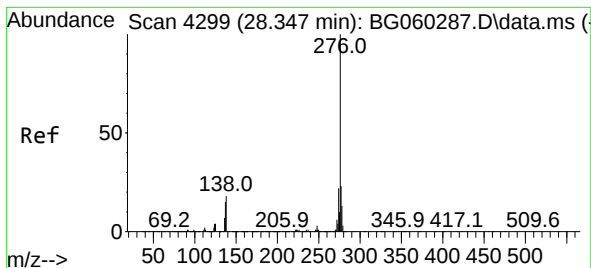
Ion Ratio Lower Upper

264 100

260 23.5 17.8 26.6

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.256 ng

RT: 28.360 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

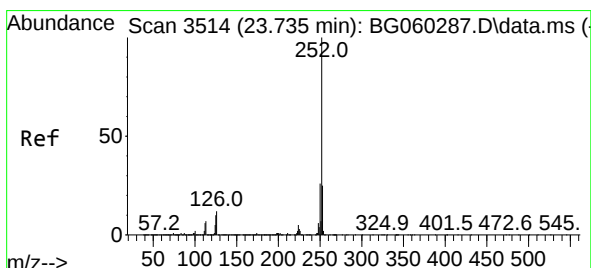
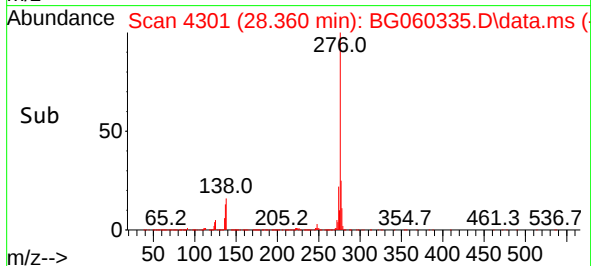
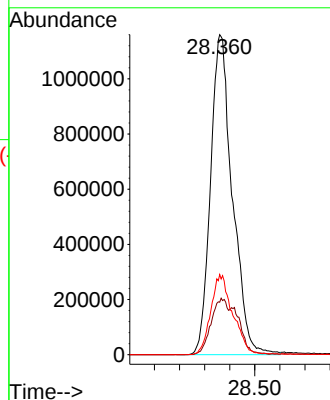
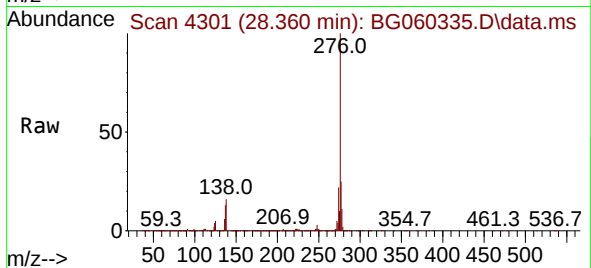
Tgt Ion:276 Resp: 7028843

Ion Ratio Lower Upper

276 100

138 13.2 12.5 18.7

277 25.1 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 42.987 ng

RT: 23.742 min Scan# 3515

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

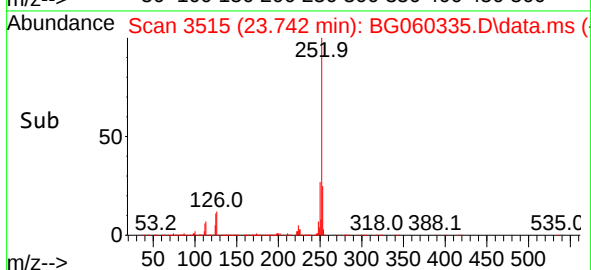
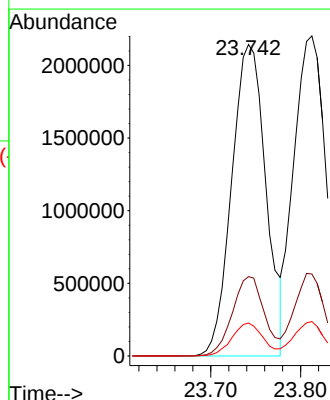
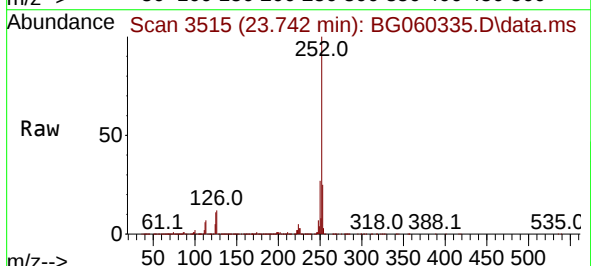
Tgt Ion:252 Resp: 5672610

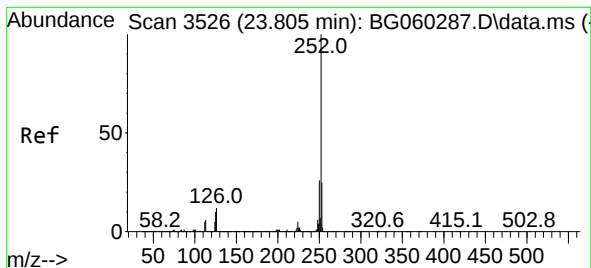
Ion Ratio Lower Upper

252 100

253 25.5 20.0 30.0

125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.037 ng

RT: 23.812 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

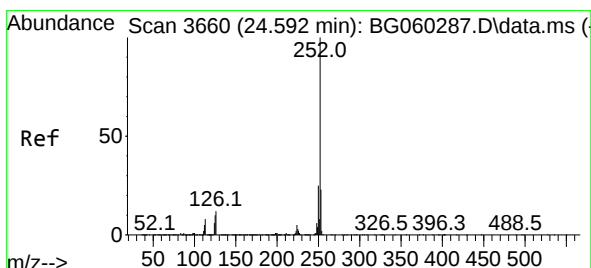
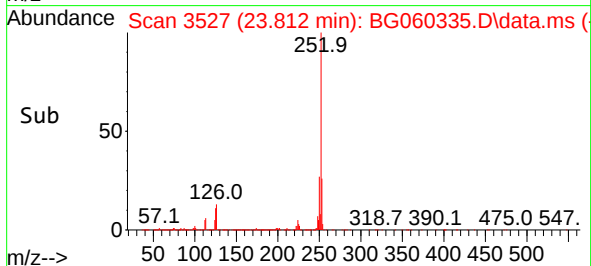
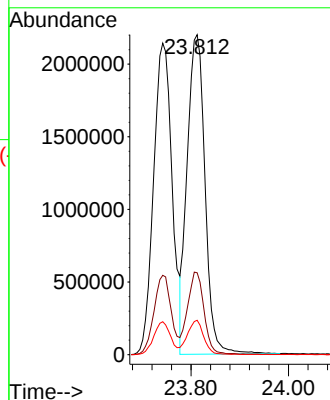
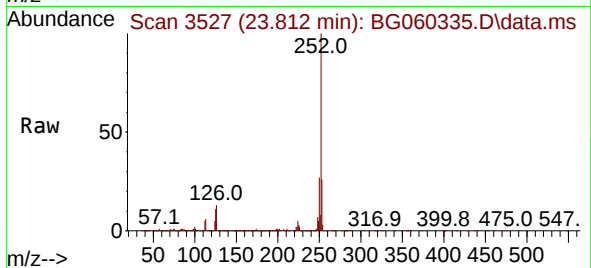
Tgt Ion:252 Resp: 5604146

Ion Ratio Lower Upper

252 100

253 25.6 19.6 29.4

125 10.7 8.2 12.2



#90

Benzo(a)pyrene

Concen: 43.038 ng

RT: 24.600 min Scan# 3661

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

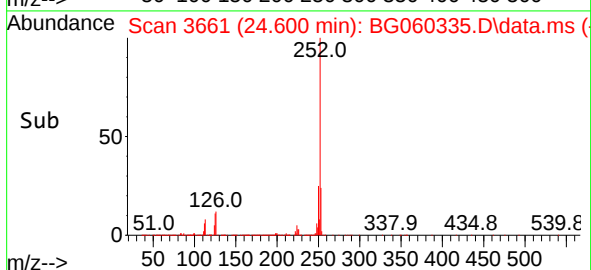
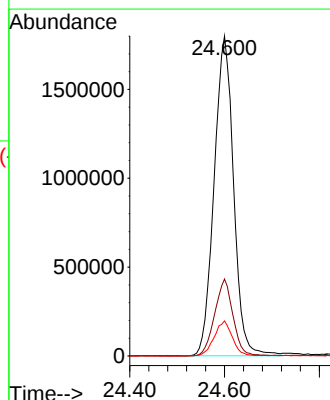
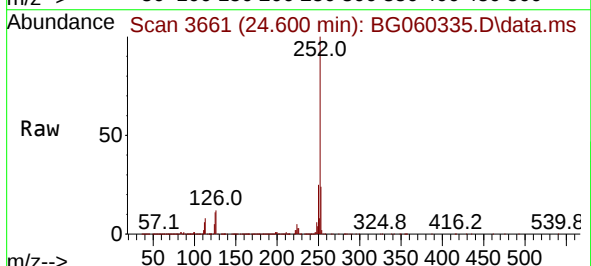
Tgt Ion:252 Resp: 5130384

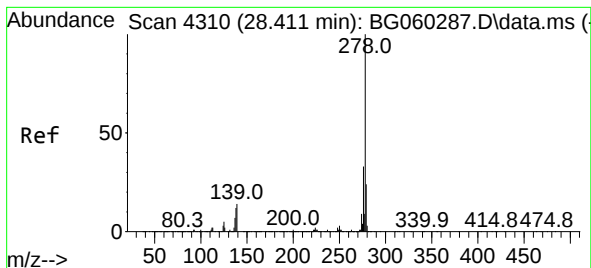
Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

125 11.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.520 ng

RT: 28.431 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

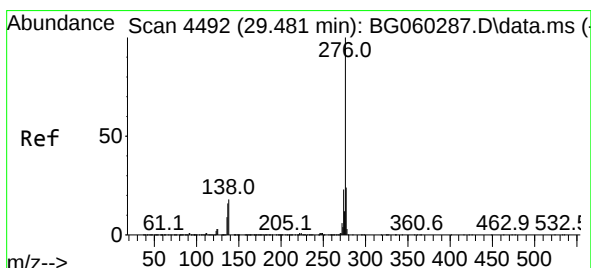
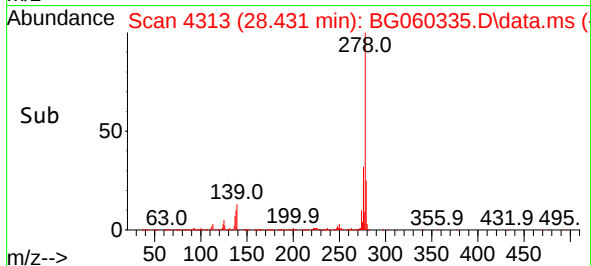
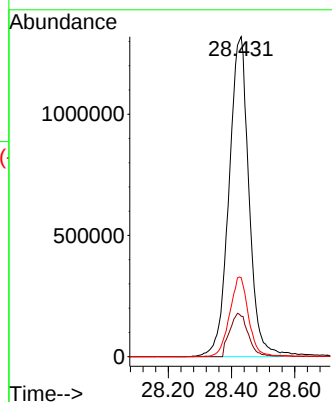
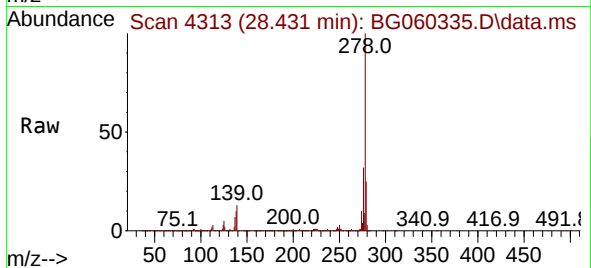
Tgt Ion:278 Resp: 5773754

Ion Ratio Lower Upper

278 100

139 12.7 10.9 16.3

279 24.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.916 ng

RT: 29.494 min Scan# 4494

Delta R.T. 0.013 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Tgt Ion:276 Resp: 5709041

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 17.5 14.2 21.4

