

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010424\  
 Data File : BG060242.D  
 Acq On : 4 Jan 2024 12:57  
 Operator : MA/JU  
 Sample : PB158174BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158174BS

Quant Time: Jan 04 13:30:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.941  | 152  | 185765   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.743 | 136  | 801334   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.580 | 164  | 627171   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.324 | 188  | 1565747  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.595 | 240  | 1391259  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.768 | 264  | 1510573  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.514  | 112  | 1643110  | 133.503 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.106  | 99   | 2414903  | 132.149 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.104  | 82   | 1372235  | 79.097  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.066 | 330  | 1127534  | 134.305 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.199 | 172  | 3395636  | 77.814  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.944 | 244  | 5022573  | 69.404  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.411  | 88   | 161822   | 29.552  | ng    | # 97     |
| 3) Pyridine                   | 3.804  | 79   | 424550   | 27.338  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.722  | 42   | 199055   | 34.359  | ng    | 88       |
| 6) Aniline                    | 7.265  | 93   | 531096   | 29.007  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.506  | 128  | 534674   | 45.202  | ng    | 98       |
| 9) Benzaldehyde               | 7.077  | 77   | 407224   | 37.065  | ng    | 94       |
| 10) Phenol                    | 7.130  | 94   | 862107   | 46.782  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.359  | 93   | 593368   | 39.791  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.829  | 146  | 541804   | 37.106  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.976  | 146  | 555889   | 37.657  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.293  | 146  | 554077   | 38.394  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.176  | 79   | 553429   | 48.791  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.463  | 45   | 741208   | 38.730  | ng    | 99       |
| 17) 2-Methylphenol            | 8.381  | 107  | 548078   | 47.498  | ng    | 99       |
| 18) Hexachloroethane          | 9.022  | 117  | 183367   | 39.441  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 505537   | 40.495  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 761772   | 46.580  | ng    | 97       |
| 22) Acetophenone              | 8.757  | 105  | 936229   | 39.433  | ng    | 98       |
| 24) Nitrobenzene              | 9.145  | 77   | 715723   | 40.322  | ng    | 98       |
| 25) Isophorone                | 9.662  | 82   | 1404882  | 38.705  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.856  | 139  | 295889   | 47.771  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.915  | 122  | 487426   | 55.555  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.144 | 93   | 865629   | 40.718  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.391 | 162  | 668529   | 48.213  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.602 | 180  | 632407   | 37.471  | ng    | 96       |
| 31) Naphthalene               | 10.796 | 128  | 1668605  | 39.442  | ng    | 99       |
| 32) Benzoic acid              | 10.050 | 122  | 379591   | 48.324  | ng    | 92       |
| 33) 4-Chloroaniline           | 10.902 | 127  | 382738   | 23.165  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.078 | 225  | 354697   | 35.337  | ng    | 96       |
| 35) Caprolactam               | 11.666 | 113  | 137893   | 29.895  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 12.024 | 107  | 675635   | 47.345  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.400 | 142  | 1221408  | 39.971  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.623 | 142  | 1223137  | 39.590  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.770 | 216  | 783922   | 39.021  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.747 | 237  | 735743   | 113.305 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.005 | 196  | 589546   | 44.657  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010424\  
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 Sample : PB158174BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

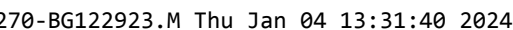
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158174BS

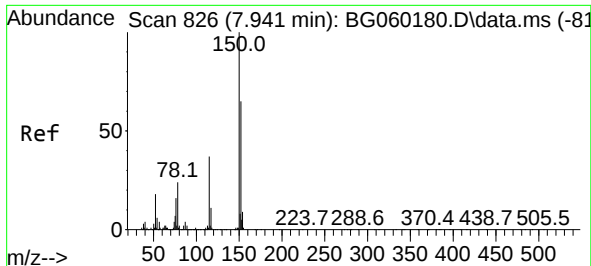
Quant Time: Jan 04 13:30:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.082 | 196  | 672924   | 45.565  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.411 | 154  | 1889734  | 40.954  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.452 | 162  | 1571407  | 39.972  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.657 | 65   | 499010   | 48.570  | ng    | 99       |
| 49) Acenaphthylene            | 14.298 | 152  | 2519704  | 44.483  | ng    | 99       |
| 50) Dimethylphthalate         | 14.028 | 163  | 2063712  | 42.619  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.151 | 165  | 450220   | 44.701  | ng    | 99       |
| 52) Acenaphthene              | 14.644 | 154  | 1429586  | 40.445  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.480 | 138  | 308646   | 32.522  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 562576   | 94.280  | ng    | 98       |
| 55) Dibenzofuran              | 14.979 | 168  | 2490193  | 42.058  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.791 | 139  | 777565   | 108.394 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.938 | 165  | 643387   | 46.979  | ng    | # 99     |
| 58) Fluorene                  | 15.626 | 166  | 2033123  | 41.868  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.203 | 232  | 604412   | 46.954  | ng    | 98       |
| 60) Diethylphthalate          | 15.396 | 149  | 1982488  | 42.932  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.620 | 204  | 1011225  | 39.992  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.649 | 138  | 452015   | 45.191  | ng    | 96       |
| 63) Azobenzene                | 15.914 | 77   | 2026446  | 42.328  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 378684   | 48.335  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.831 | 169  | 1817701  | 43.082  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.513 | 248  | 657714   | 39.621  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.630 | 284  | 774722   | 39.804  | ng    | 97       |
| 69) Atrazine                  | 16.777 | 200  | 550080   | 35.473  | ng    | 97       |
| 70) Pentachlorophenol         | 16.971 | 266  | 992273   | 92.804  | ng    | 95       |
| 71) Phenanthrene              | 17.371 | 178  | 3341847  | 43.180  | ng    | 99       |
| 72) Anthracene                | 17.459 | 178  | 3396641  | 44.184  | ng    | 98       |
| 73) Carbazole                 | 17.729 | 167  | 3145282  | 43.137  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.287 | 149  | 3248506  | 45.975  | ng    | 99       |
| 75) Fluoranthene              | 19.380 | 202  | 3778805  | 41.626  | ng    | 98       |
| 77) Benzidine                 | 19.568 | 184  | 1176607  | 30.557  | ng    | 99       |
| 78) Pyrene                    | 19.744 | 202  | 3929750  | 42.019  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.632 | 149  | 1493726  | 54.168  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.572 | 228  | 3878887  | 43.850  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.495 | 252  | 1310795  | 40.750  | ng    | 97       |
| 83) Chrysene                  | 21.642 | 228  | 3693705  | 42.981  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.483 | 149  | 2222456  | 53.145  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.676 | 149  | 3741224  | 54.654  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.387 | 276  | 4744612  | 44.551  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.757 | 252  | 4035202  | 44.452  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.828 | 252  | 3957149  | 43.311  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.621 | 252  | 3631644  | 44.220  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.458 | 278  | 3997587  | 45.684  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.533 | 276  | 3851661  | 43.456  | ng    | 99       |

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

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QLast Update : Sat Dec 30 03:14:04 2023  
Response via : Initial Calibration

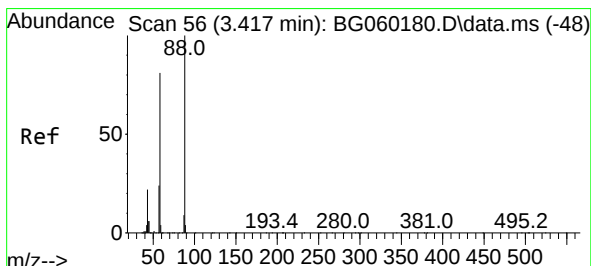
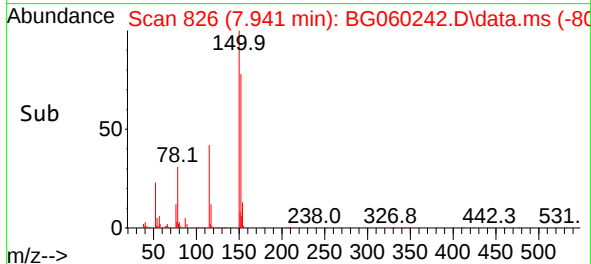
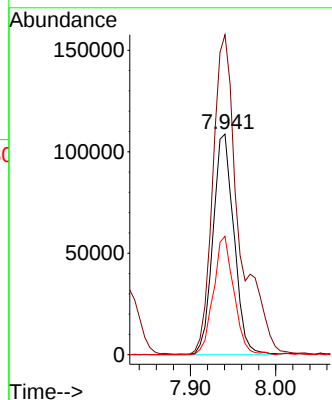
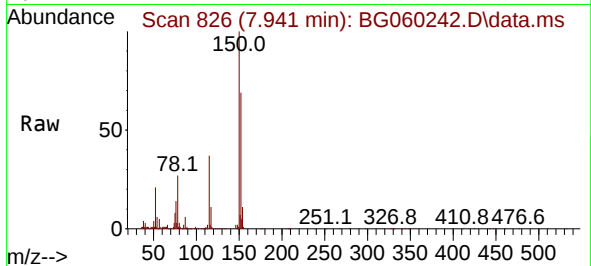




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.941 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

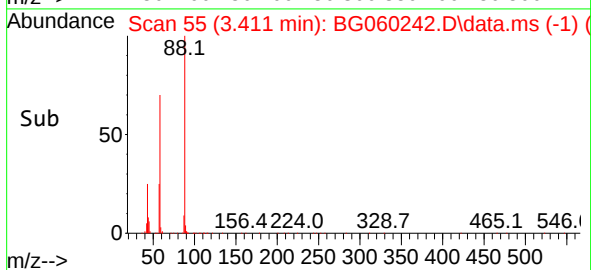
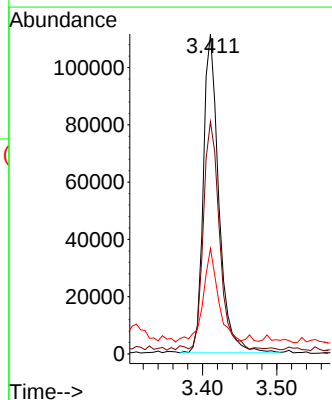
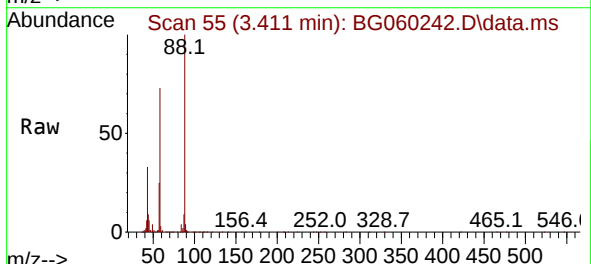
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158174BS

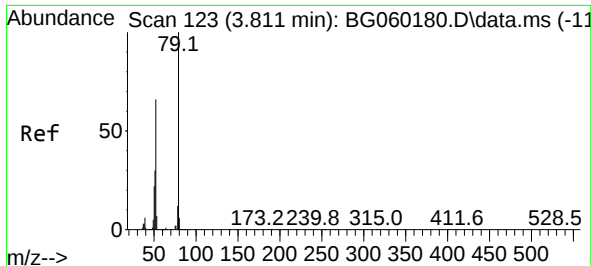
Tgt Ion:152 Resp: 185765  
 Ion Ratio Lower Upper  
 152 100  
 150 145.0 123.4 185.0  
 115 53.7 45.4 68.0



#2  
 1,4-Dioxane  
 Concen: 29.552 ng  
 RT: 3.411 min Scan# 55  
 Delta R.T. -0.006 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

Tgt Ion: 88 Resp: 161822  
 Ion Ratio Lower Upper  
 88 100  
 58 75.9 60.5 90.7  
 43 28.8 18.9 28.3

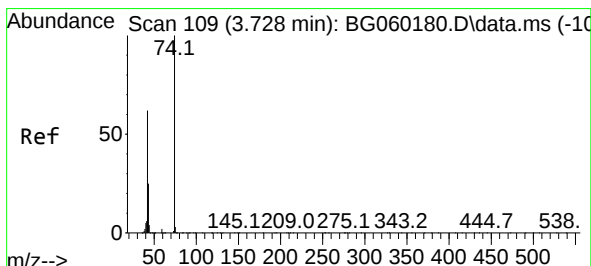
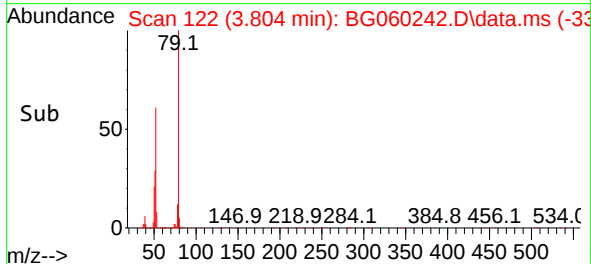
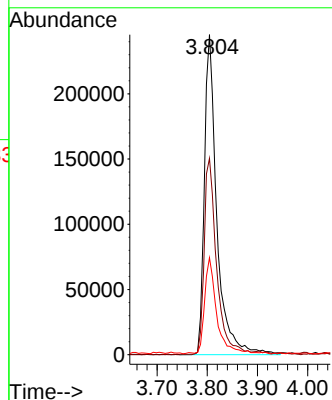
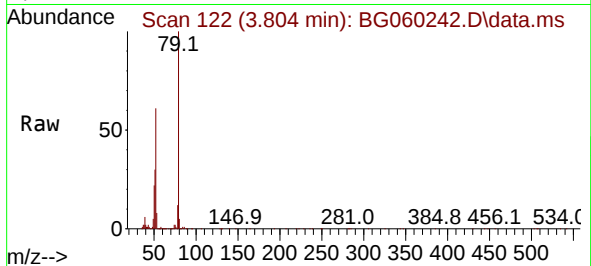




#3  
 Pyridine  
 Concen: 27.338 ng  
 RT: 3.804 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

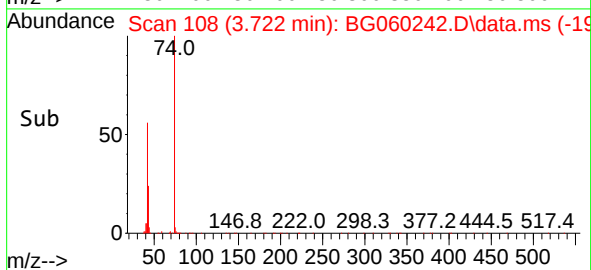
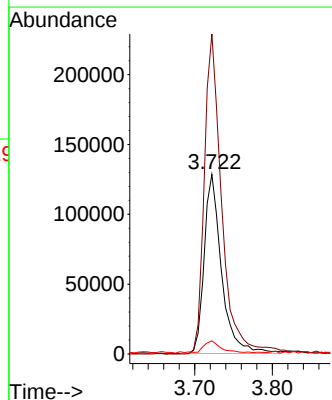
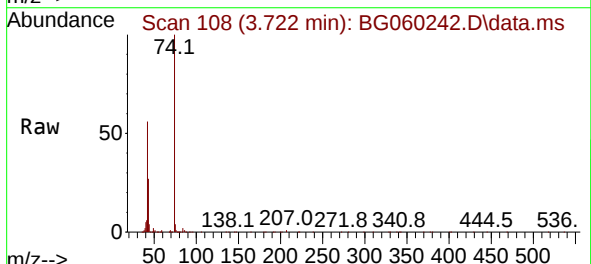
Instrument :  
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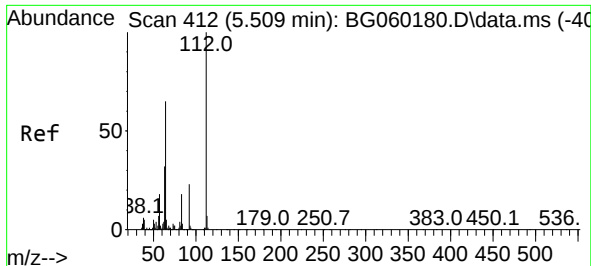
Tgt Ion: 79 Resp: 424550  
 Ion Ratio Lower Upper  
 79 100  
 52 61.3 52.9 79.3  
 51 30.3 24.6 37.0



#4  
 n-Nitrosodimethylamine  
 Concen: 34.359 ng  
 RT: 3.722 min Scan# 108  
 Delta R.T. -0.006 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

Tgt Ion: 42 Resp: 199055  
 Ion Ratio Lower Upper  
 42 100  
 74 178.2 129.5 194.3  
 44 7.3 5.9 8.9

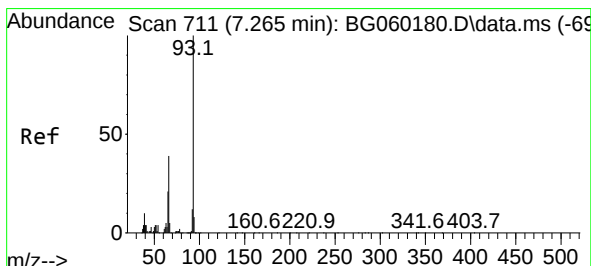
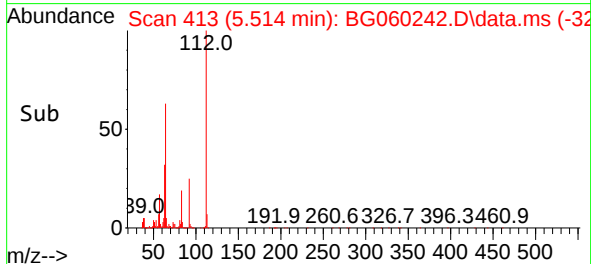
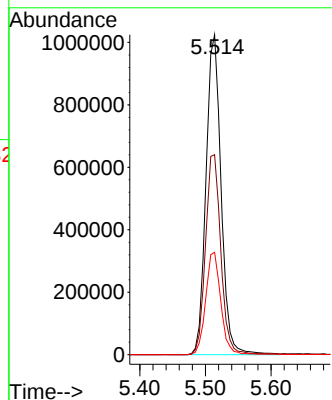
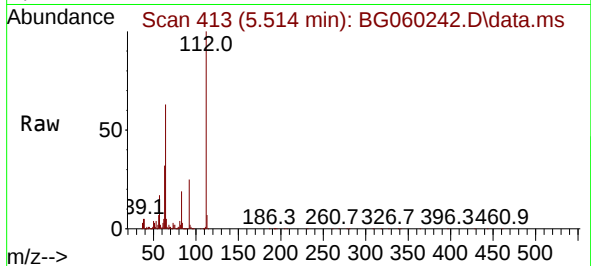




#5  
2-Fluorophenol  
Concen: 133.503 ng  
RT: 5.514 min Scan# 412  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

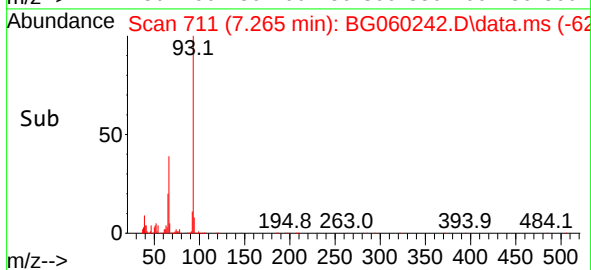
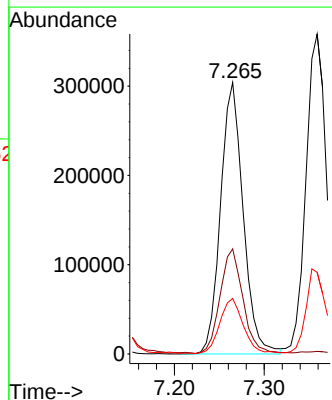
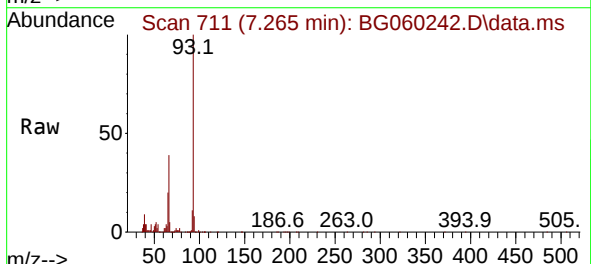
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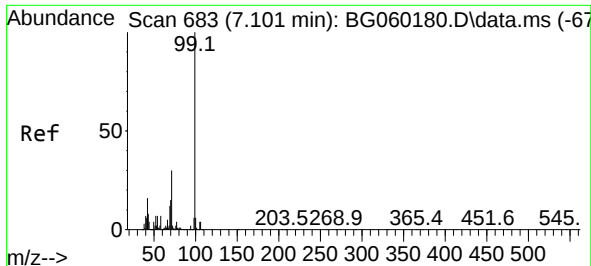
Tgt Ion:112 Resp: 1643110  
Ion Ratio Lower Upper  
112 100  
64 62.5 52.2 78.4  
63 32.0 25.4 38.0



#6  
Aniline  
Concen: 29.007 ng  
RT: 7.265 min Scan# 711  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 93 Resp: 531096  
Ion Ratio Lower Upper  
93 100  
66 38.7 31.7 47.5  
65 20.4 16.7 25.1



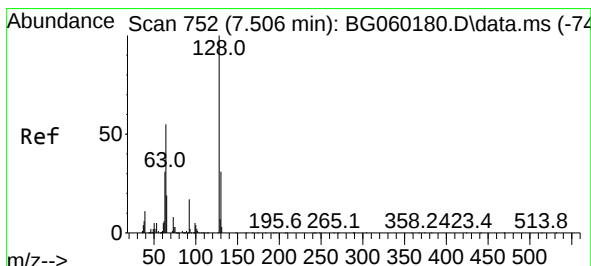
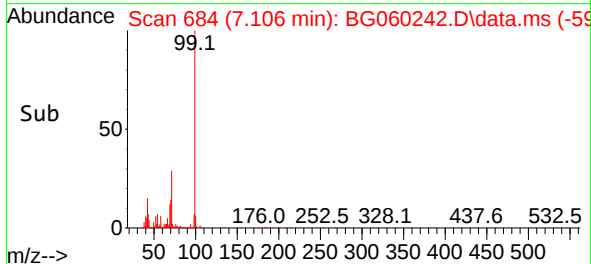
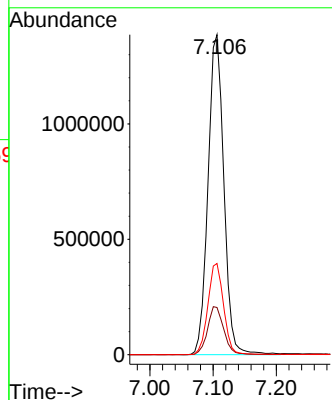
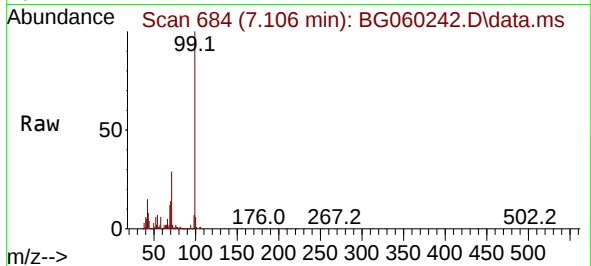


#7  
Phenol-d6  
Concen: 132.149 ng  
RT: 7.106 min Scan# 684  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

Tgt Ion: 99 Resp: 2414903

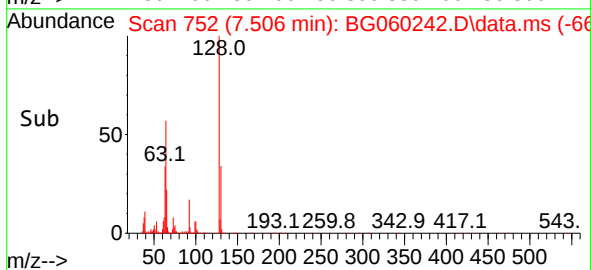
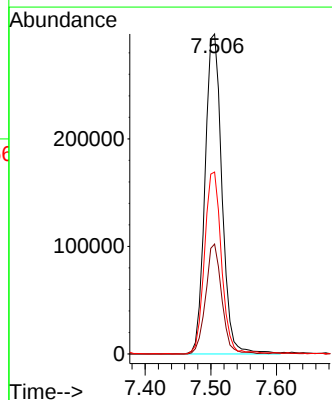
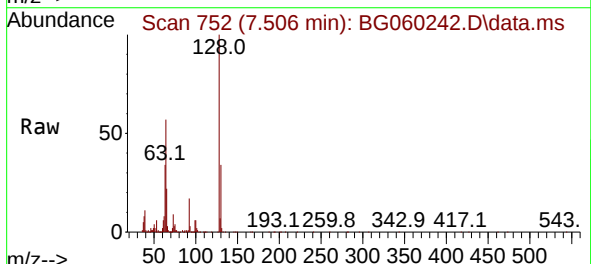
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.7  | 12.5  | 18.7  |
| 71  | 28.5  | 24.1  | 36.1  |

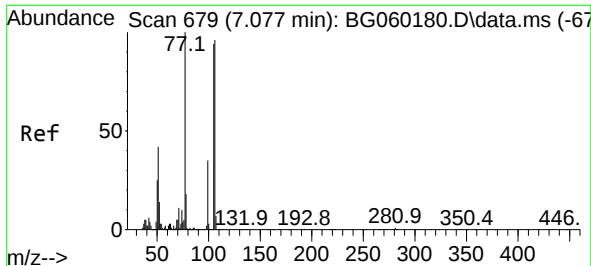


#8  
2-Chlorophenol  
Concen: 45.202 ng  
RT: 7.506 min Scan# 752  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 128 Resp: 534674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.3  | 11.3  | 51.3  |
| 64  | 56.9  | 36.4  | 76.4  |

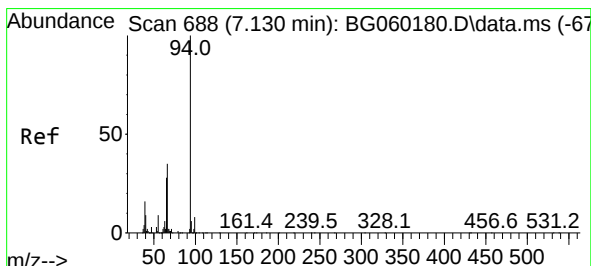
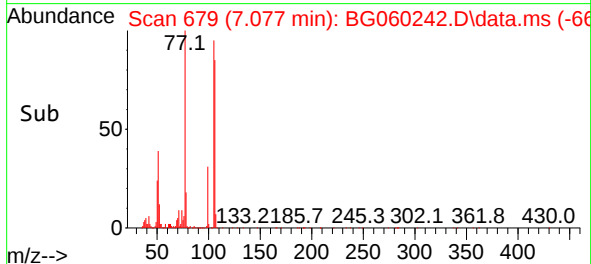
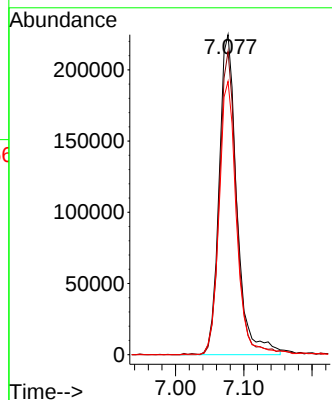
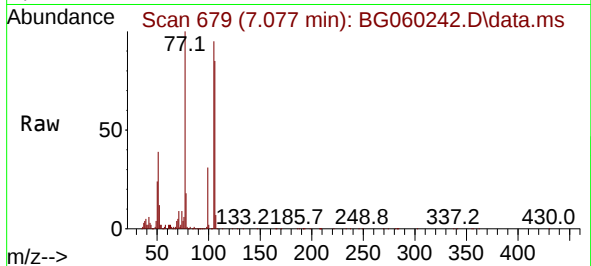




#9  
Benzaldehyde  
Concen: 37.065 ng  
RT: 7.077 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

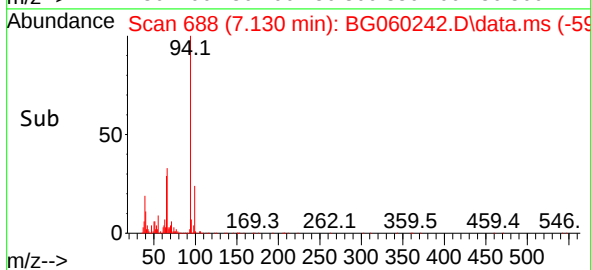
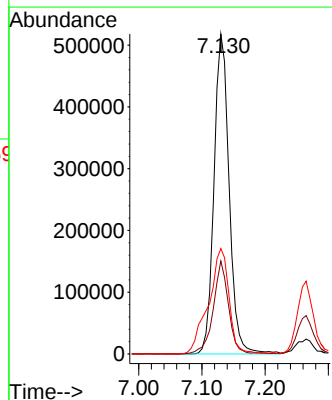
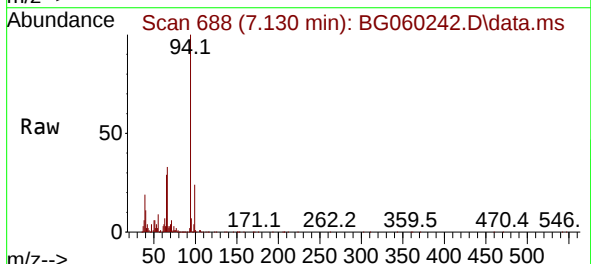
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

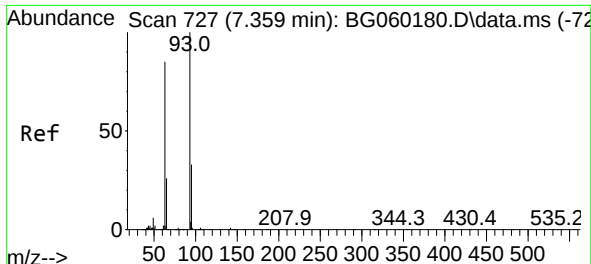
Tgt Ion: 77 Resp: 407224  
Ion Ratio Lower Upper  
77 100  
105 94.7 73.8 113.8  
106 85.4 76.2 116.2



#10  
Phenol  
Concen: 46.782 ng  
RT: 7.130 min Scan# 688  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 94 Resp: 862107  
Ion Ratio Lower Upper  
94 100  
65 29.0 8.4 48.4  
66 32.9 15.0 55.0



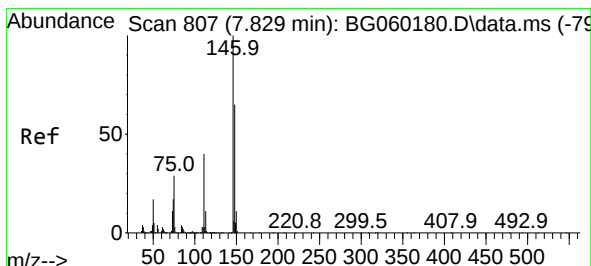
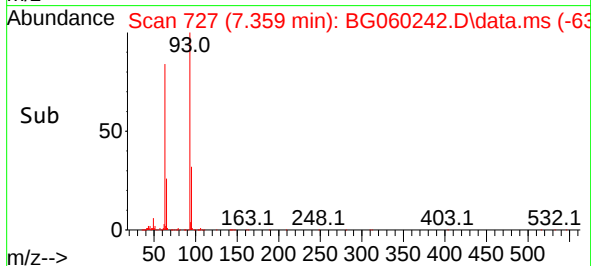
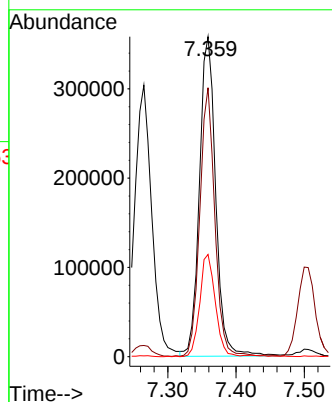
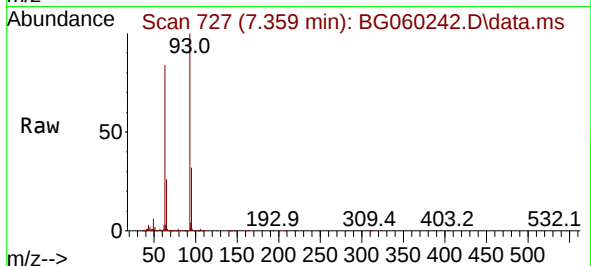


#11  
bis(2-Chloroethyl)ether  
Concen: 39.791 ng  
RT: 7.359 min Scan# 727  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

Tgt Ion: 93 Resp: 593368

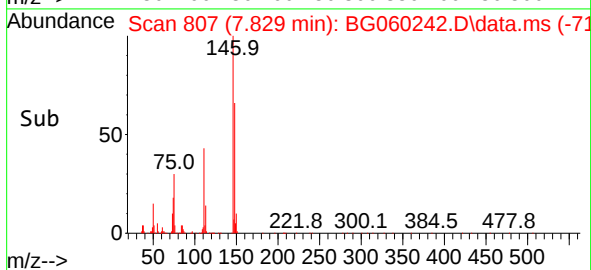
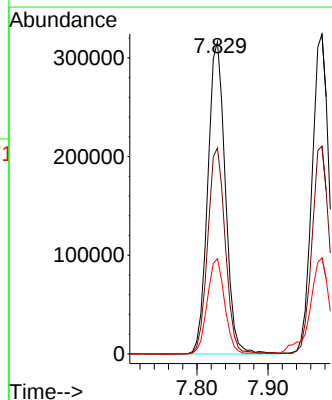
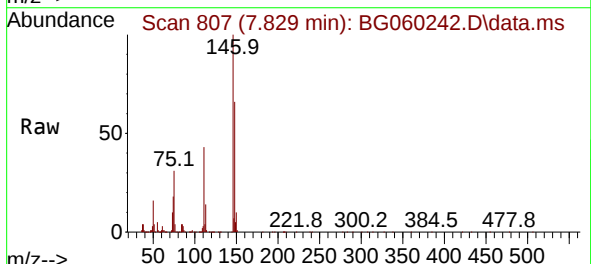
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 84.0  | 63.8  | 103.8 |
| 95  | 31.9  | 12.3  | 52.3  |

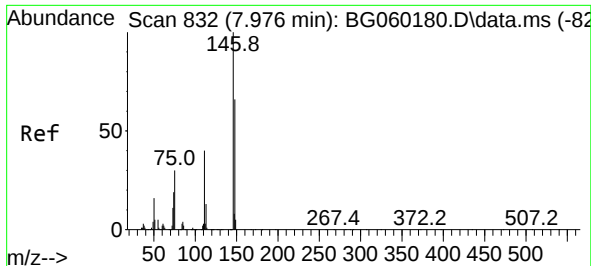


#12  
1,3-Dichlorobenzene  
Concen: 37.106 ng  
RT: 7.829 min Scan# 807  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:146 Resp: 541804

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.9  | 52.2  | 78.4  |
| 75  | 30.5  | 23.4  | 35.2  |

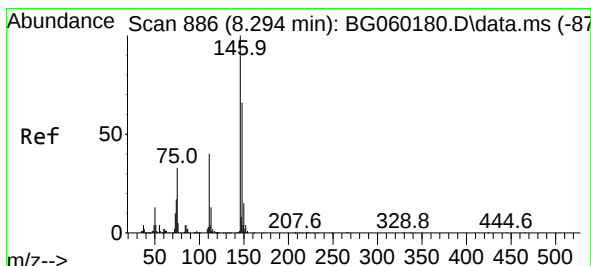
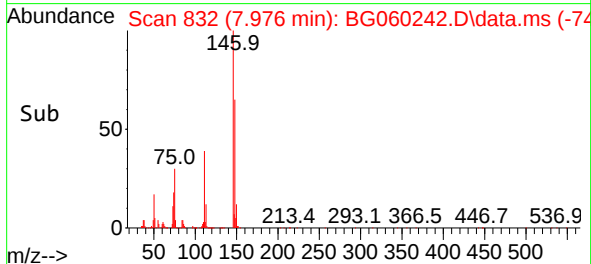
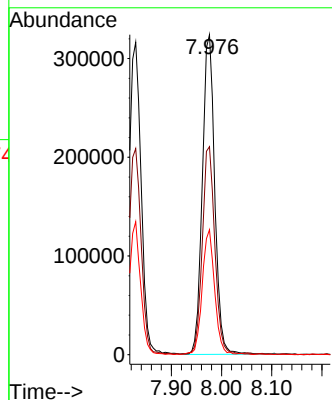
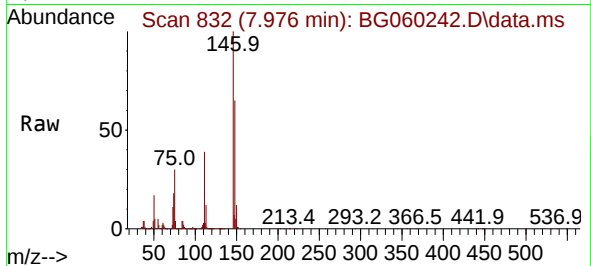




#13  
1,4-Dichlorobenzene  
Concen: 37.657 ng  
RT: 7.976 min Scan# 832  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

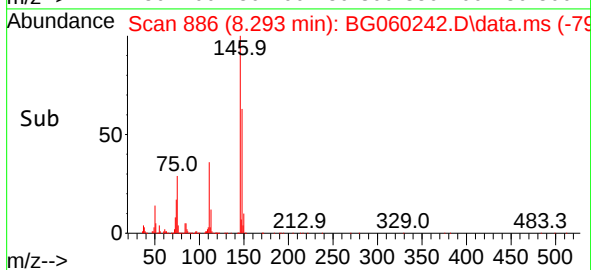
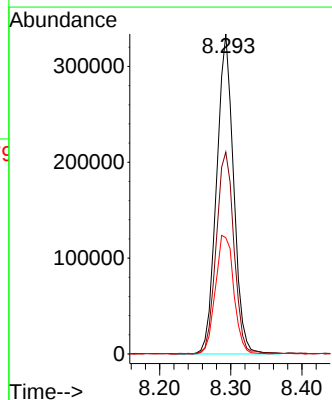
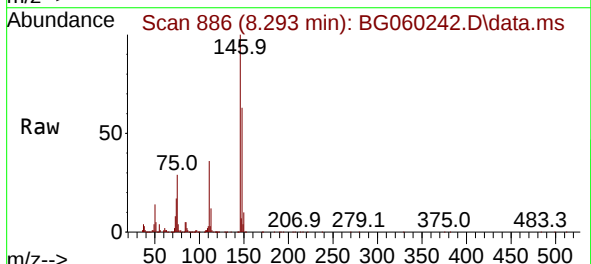
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

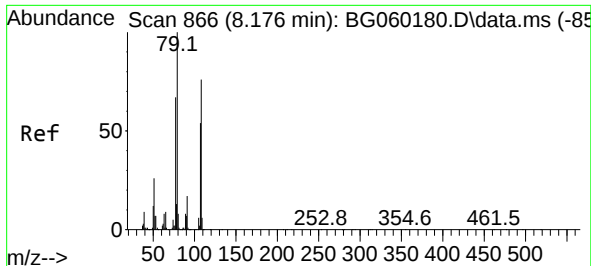
Tgt Ion:146 Resp: 555889  
Ion Ratio Lower Upper  
146 100  
148 65.0 53.0 79.4  
111 39.1 32.0 48.0



#14  
1,2-Dichlorobenzene  
Concen: 38.394 ng  
RT: 8.293 min Scan# 886  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:146 Resp: 554077  
Ion Ratio Lower Upper  
146 100  
148 63.1 52.9 79.3  
111 36.4 31.8 47.8

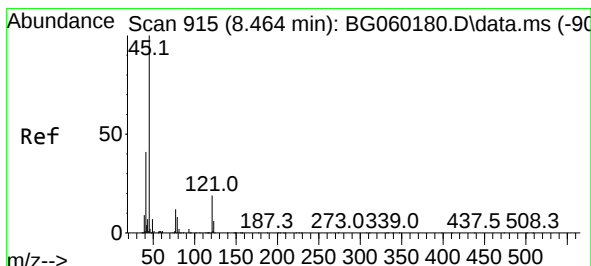
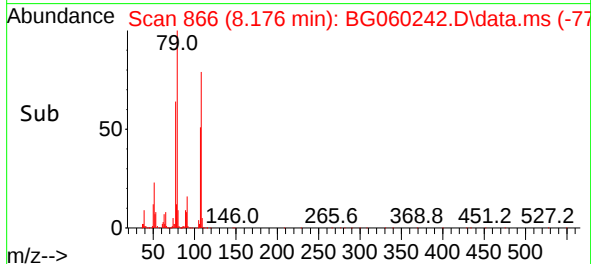
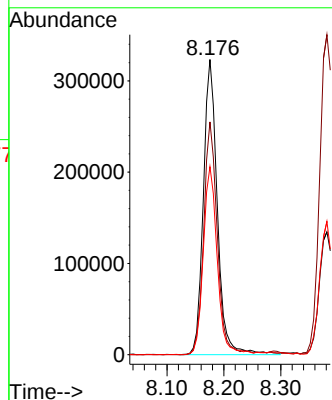
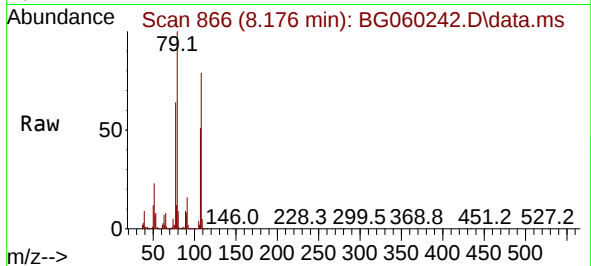




#15  
Benzyl Alcohol  
Concen: 48.791 ng  
RT: 8.176 min Scan# 866  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

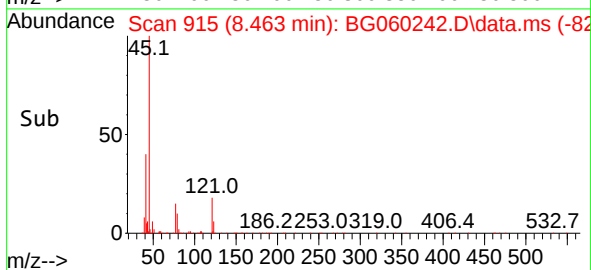
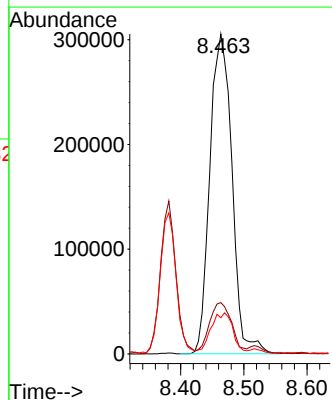
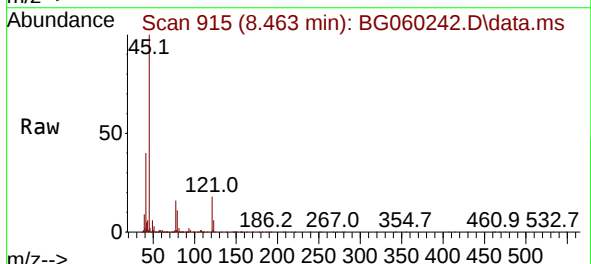
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

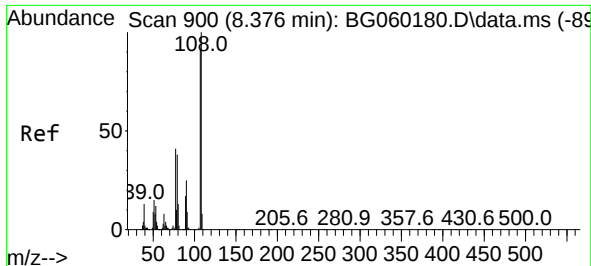
Tgt Ion: 79 Resp: 553429  
Ion Ratio Lower Upper  
79 100  
108 78.8 60.6 91.0  
77 63.7 53.8 80.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.730 ng  
RT: 8.463 min Scan# 915  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 45 Resp: 741208  
Ion Ratio Lower Upper  
45 100  
77 16.1 0.0 35.5  
79 11.3 0.0 31.5





#17

2-Methylphenol

Concen: 47.498 ng

RT: 8.381 min Scan# 901

Delta R.T. 0.005 min

Lab File: BG060242.D

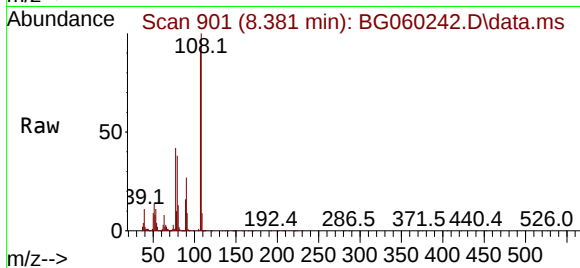
Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS



Tgt Ion:107 Resp: 548078

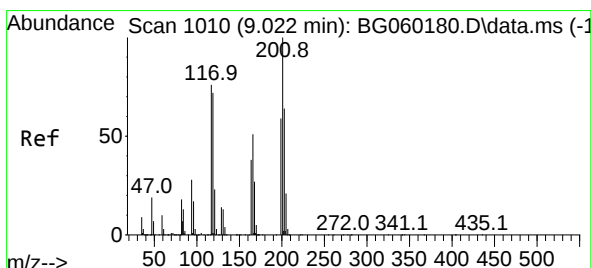
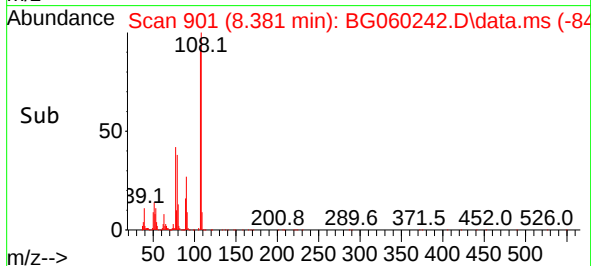
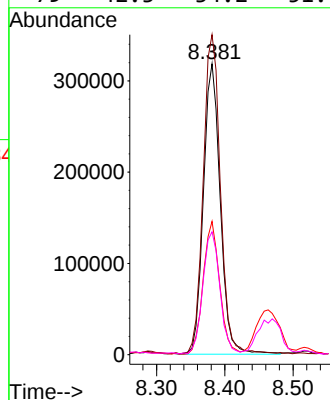
Ion Ratio Lower Upper

107 100

108 110.0 88.7 133.1

77 45.8 36.4 54.6

79 42.3 34.2 51.4



#18

Hexachloroethane

Concen: 39.441 ng

RT: 9.022 min Scan# 1010

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

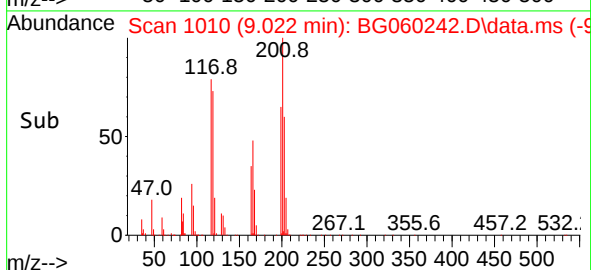
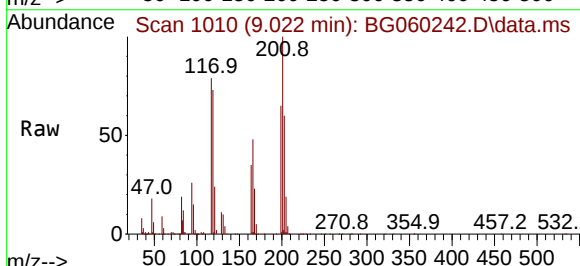
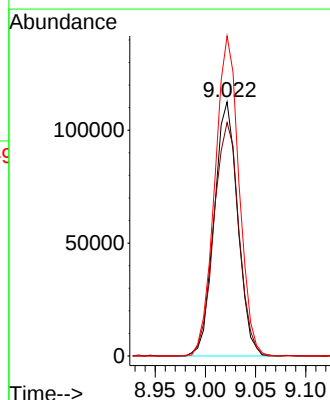
Tgt Ion:117 Resp: 183367

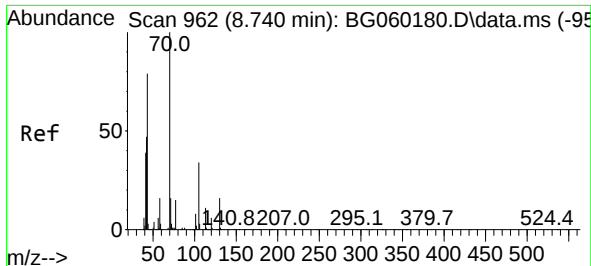
Ion Ratio Lower Upper

117 100

119 91.9 76.0 114.0

201 128.5 107.5 161.3

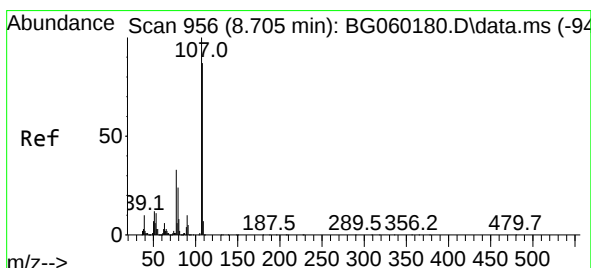
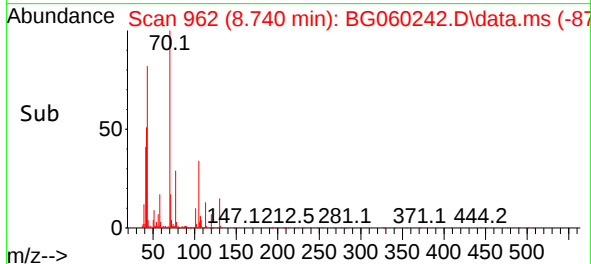
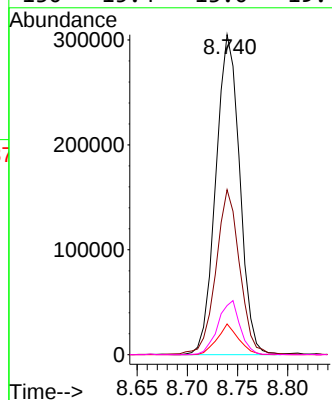
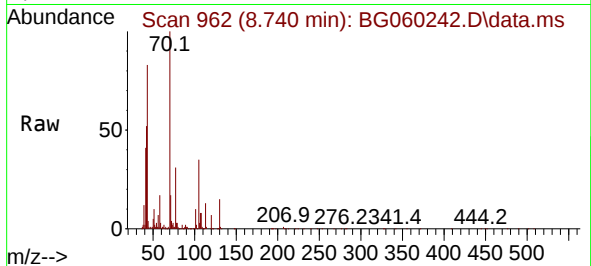




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.495 ng  
RT: 8.740 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

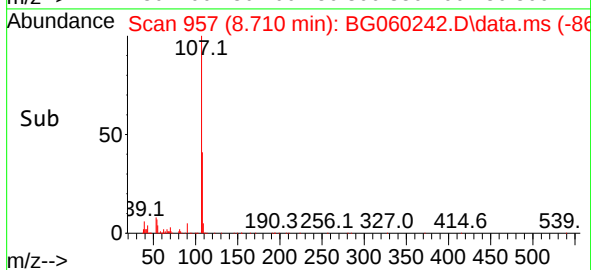
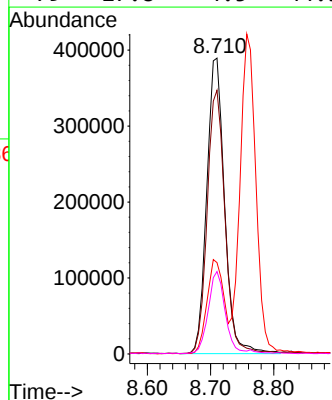
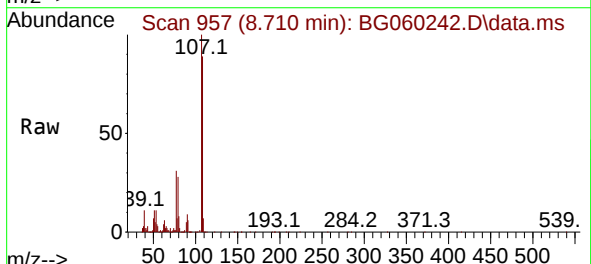
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

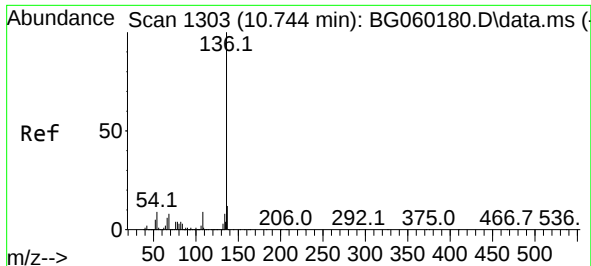
Tgt Ion: 70 Resp: 505537  
Ion Ratio Lower Upper  
70 100  
42 51.6 37.9 56.9  
101 9.6 6.2 9.2#  
130 15.4 13.0 19.4



#20  
3+4-Methylphenols  
Concen: 46.580 ng  
RT: 8.710 min Scan# 957  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 107 Resp: 761772  
Ion Ratio Lower Upper  
107 100  
108 89.1 67.4 107.4  
77 30.9 12.8 52.8  
79 27.8 4.5 44.5

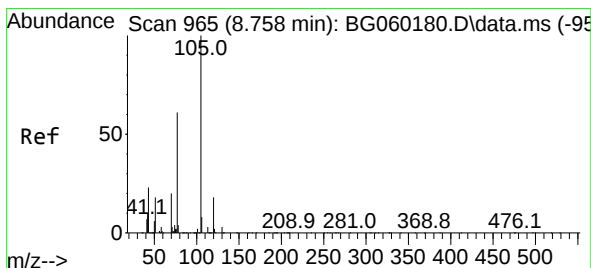
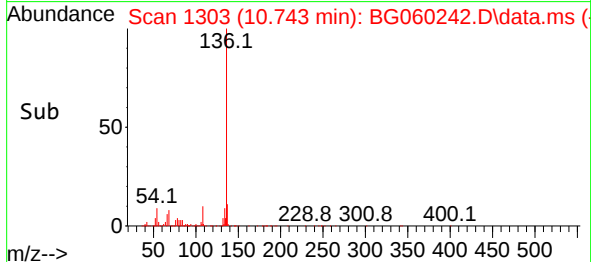
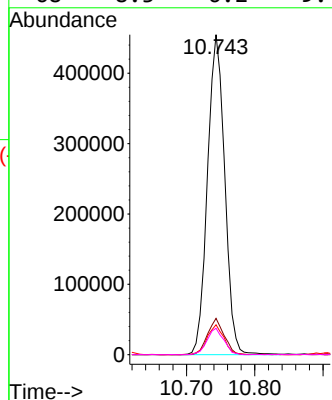
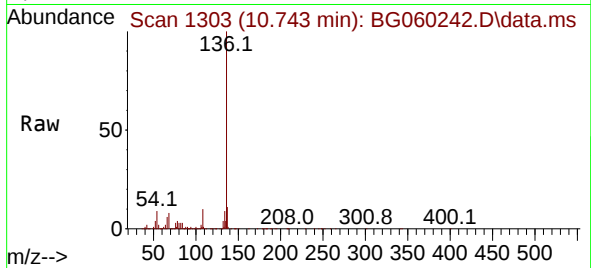




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.743 min Scan# 111  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

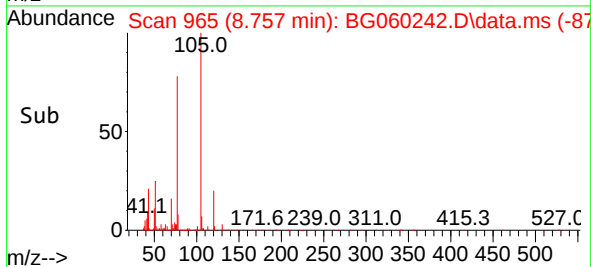
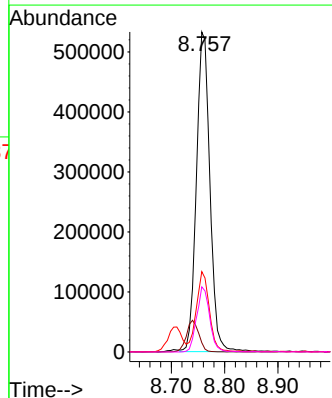
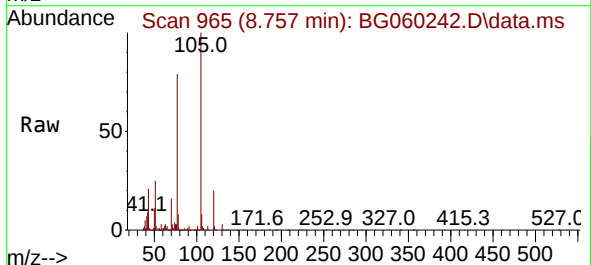
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

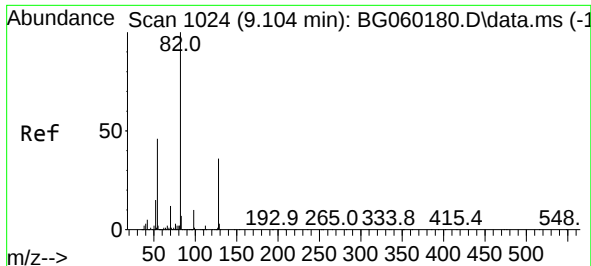
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 801334 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.4   | 14.0   |
| 54       | 9.3   | 7.4   | 11.2   |
| 68       | 8.3   | 6.2   | 9.4    |



#22  
Acetophenone  
Concen: 39.433 ng  
RT: 8.757 min Scan# 965  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 936229 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.9   | 2.6   | 3.8    |
| 51       | 25.1  | 20.0  | 30.0   |
| 120      | 20.3  | 14.6  | 22.0   |



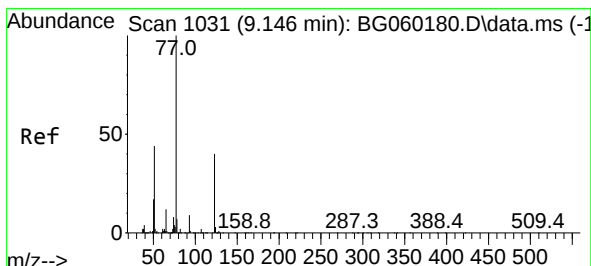
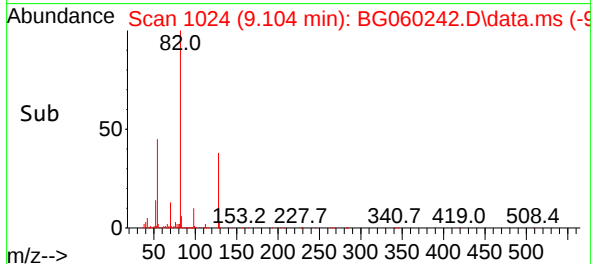
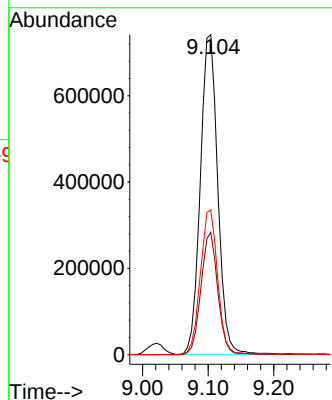
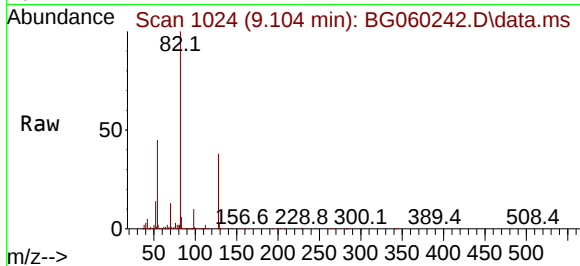


#23  
Nitrobenzene-d5  
Concen: 79.097 ng  
RT: 9.104 min Scan# 1024  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

Tgt Ion: 82 Resp: 1372235

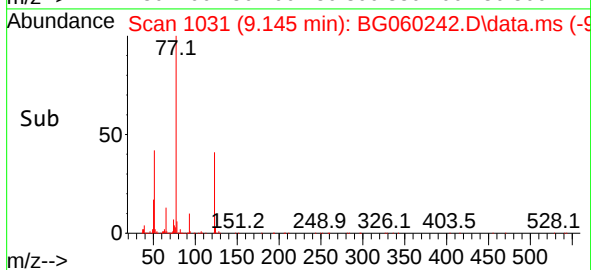
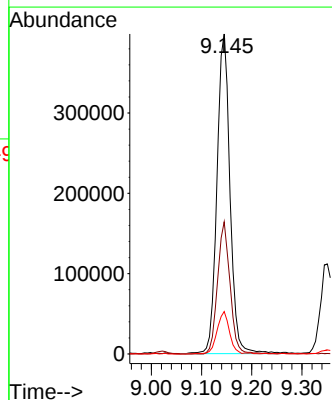
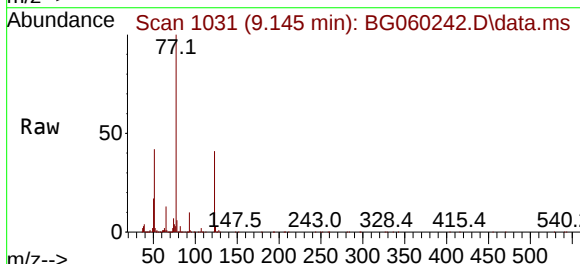
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.2  | 28.7  | 43.1  |
| 54  | 45.2  | 36.9  | 55.3  |

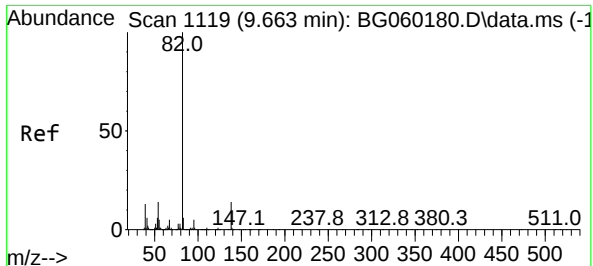


#24  
Nitrobenzene  
Concen: 40.322 ng  
RT: 9.145 min Scan# 1031  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 77 Resp: 715723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 41.3  | 31.9  | 47.9  |
| 65  | 13.2  | 9.9   | 14.9  |

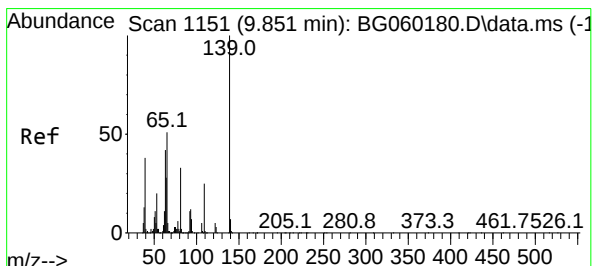
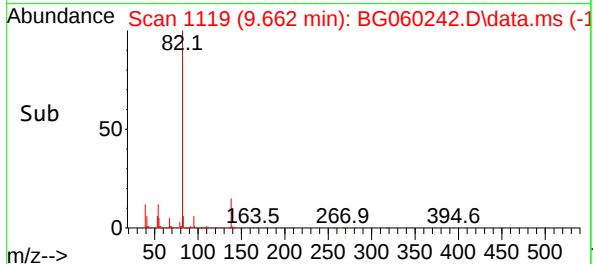
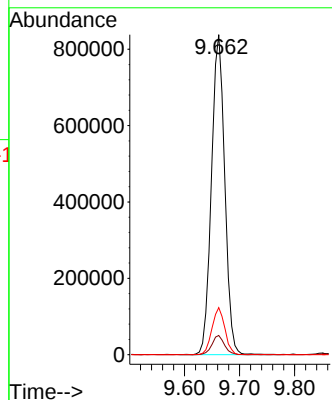
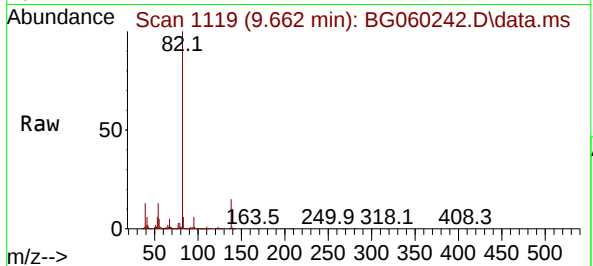




#25  
Isophorone  
Concen: 38.705 ng  
RT: 9.662 min Scan# 1119  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

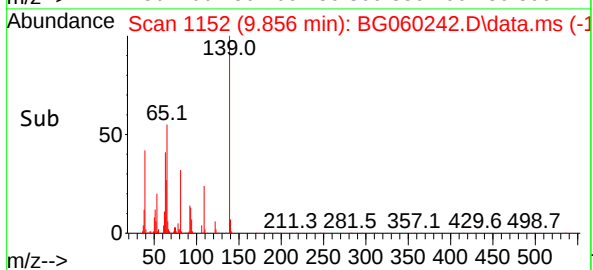
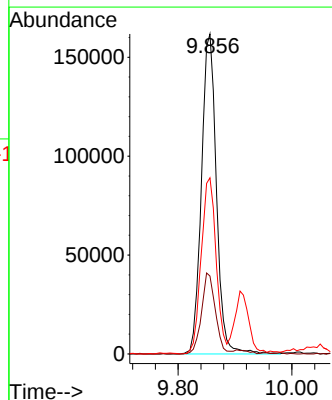
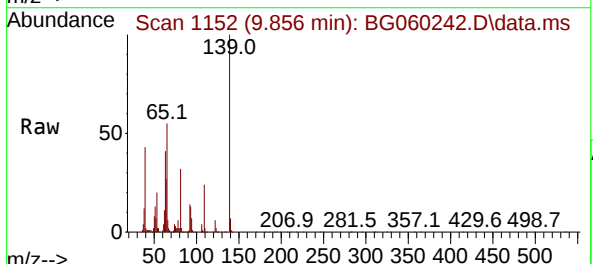
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

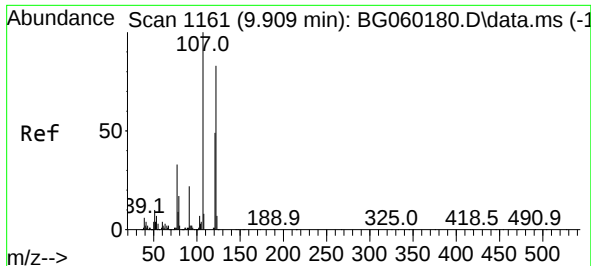
Tgt Ion: 82 Resp: 1404882  
Ion Ratio Lower Upper  
82 100  
95 6.0 4.4 6.6  
138 14.7 11.5 17.3



#26  
2-Nitrophenol  
Concen: 47.771 ng  
RT: 9.856 min Scan# 1152  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:139 Resp: 295889  
Ion Ratio Lower Upper  
139 100  
109 24.4 19.8 29.8  
65 55.0 40.8 61.2

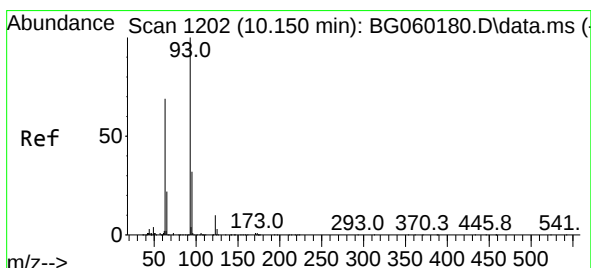
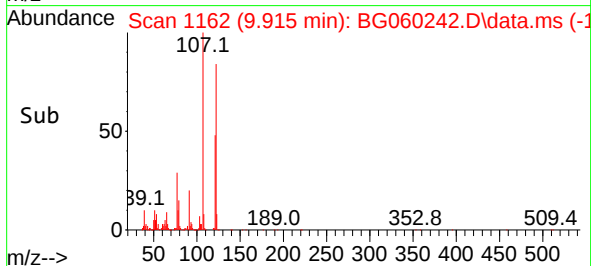
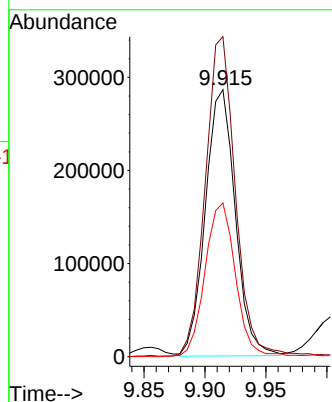
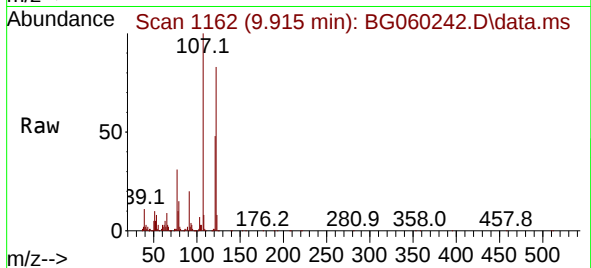




#27  
2,4-Dimethylphenol  
Concen: 55.555 ng  
RT: 9.915 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

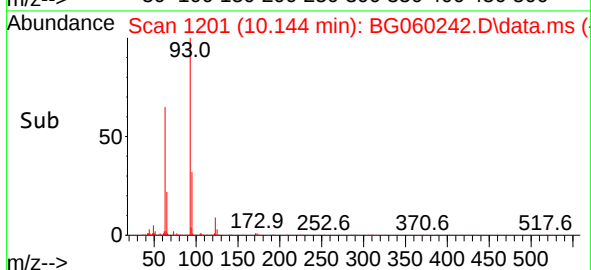
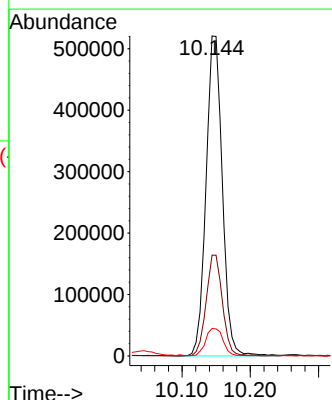
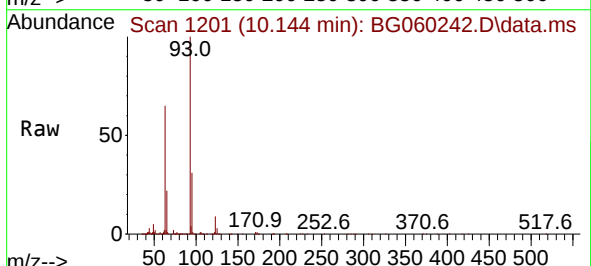
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

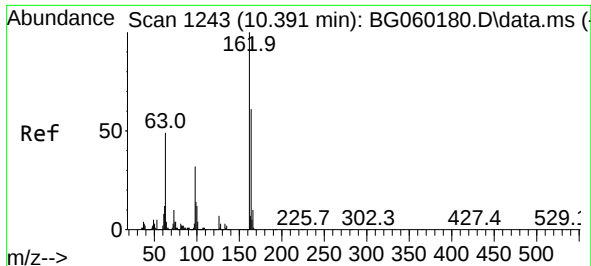
Tgt Ion:122 Resp: 487426  
Ion Ratio Lower Upper  
122 100  
107 119.8 95.8 143.6  
121 57.6 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.718 ng  
RT: 10.144 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 93 Resp: 865629  
Ion Ratio Lower Upper  
93 100  
95 31.5 25.8 38.6  
123 8.6 7.8 11.6

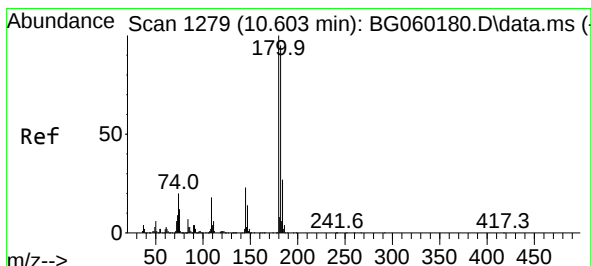
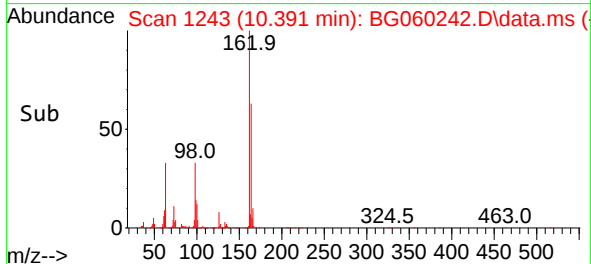
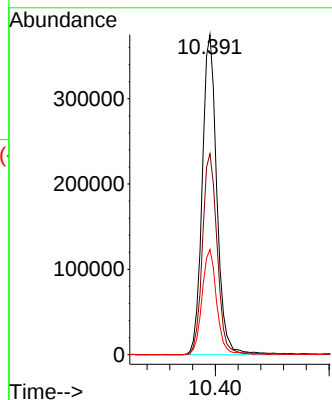
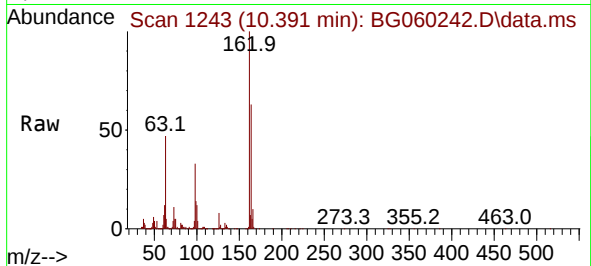




#29  
2,4-Dichlorophenol  
Concen: 48.213 ng  
RT: 10.391 min Scan# 1243  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

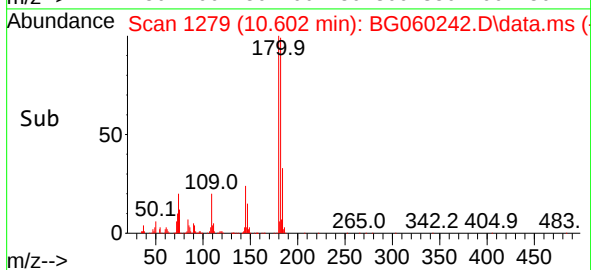
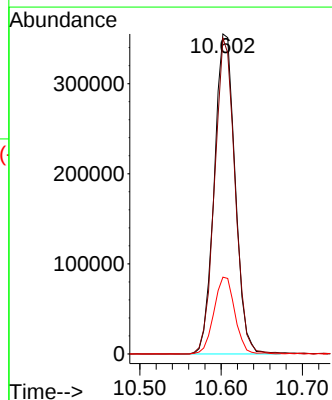
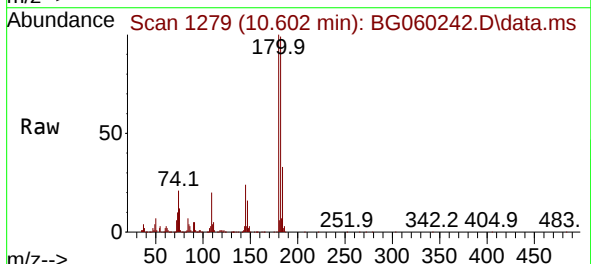
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

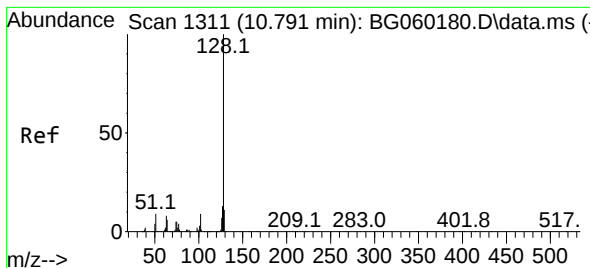
Tgt Ion:162 Resp: 668529  
Ion Ratio Lower Upper  
162 100  
164 62.8 40.7 80.7  
98 32.9 11.7 51.7



#30  
1,2,4-Trichlorobenzene  
Concen: 37.471 ng  
RT: 10.602 min Scan# 1279  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:180 Resp: 632407  
Ion Ratio Lower Upper  
180 100  
182 98.7 75.7 113.5  
145 24.0 18.4 27.6

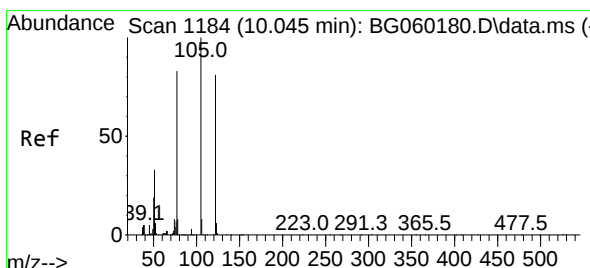
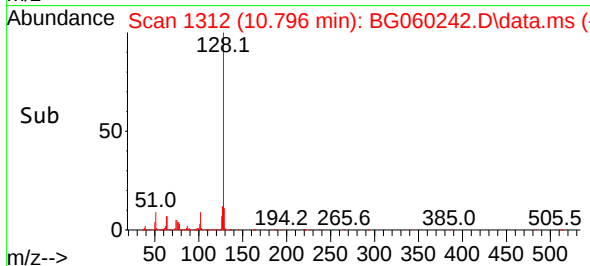
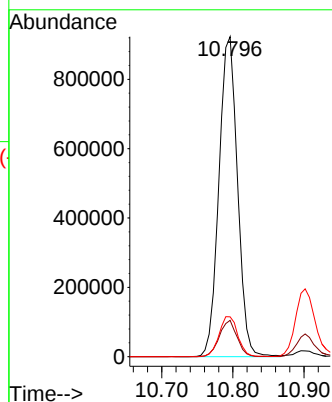
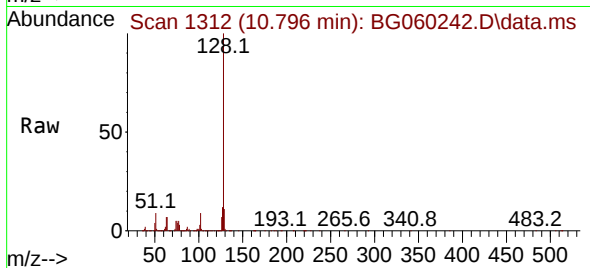




#31  
Naphthalene  
Concen: 39.442 ng  
RT: 10.796 min Scan# 1184  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

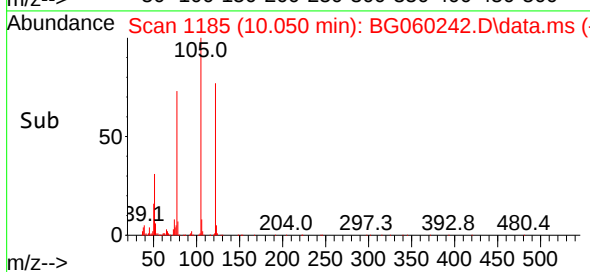
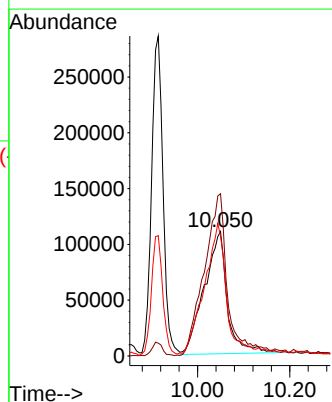
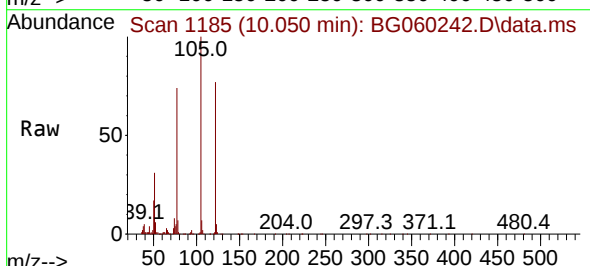
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

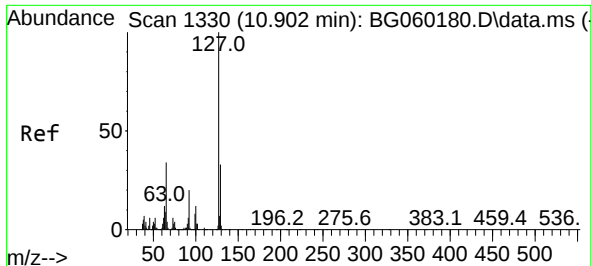
Tgt Ion:128 Resp: 1668605  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 12.5 10.6 16.0



#32  
Benzoic acid  
Concen: 48.324 ng  
RT: 10.050 min Scan# 1185  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:122 Resp: 379591  
Ion Ratio Lower Upper  
122 100  
105 130.4 99.2 139.2  
77 96.3 81.0 121.0

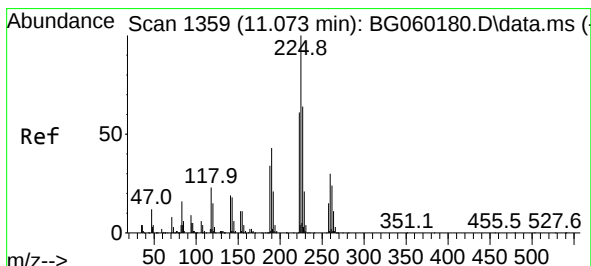
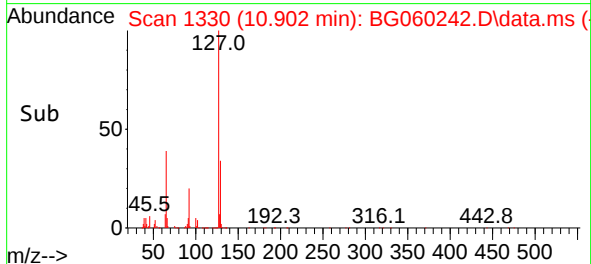
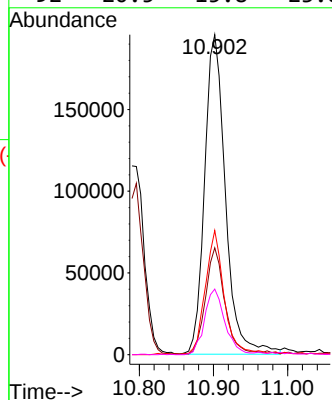
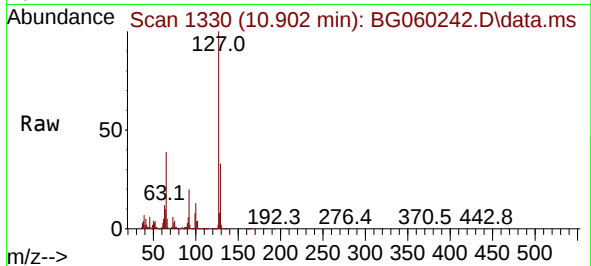




#33  
4-Chloroaniline  
Concen: 23.165 ng  
RT: 10.902 min Scan# 1330  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

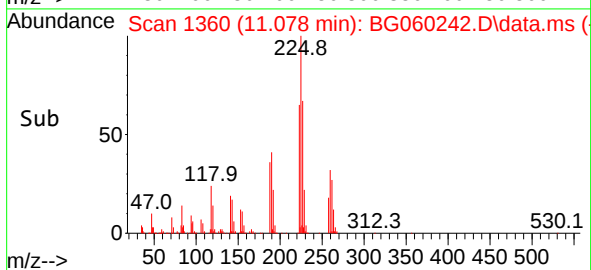
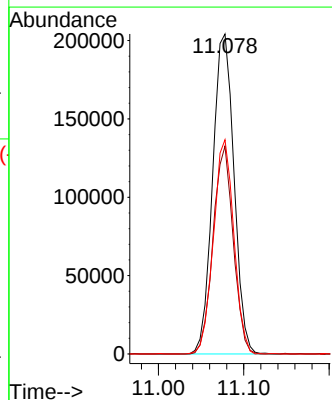
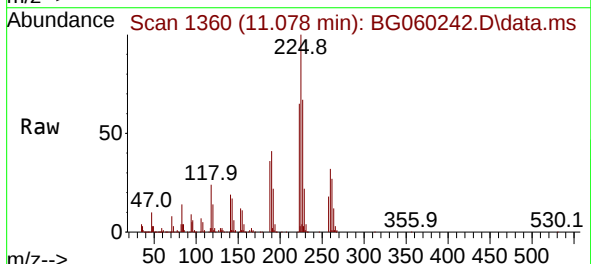
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

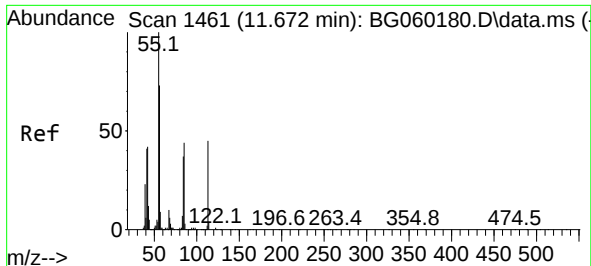
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 382738 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 26.0  | 39.0   |
| 65       | 38.8  | 27.4  | 41.0   |
| 92       | 20.5  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 35.337 ng  
RT: 11.078 min Scan# 1360  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 354697 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.9  | 49.0  | 73.6   |
| 227      | 67.0  | 51.0  | 76.4   |

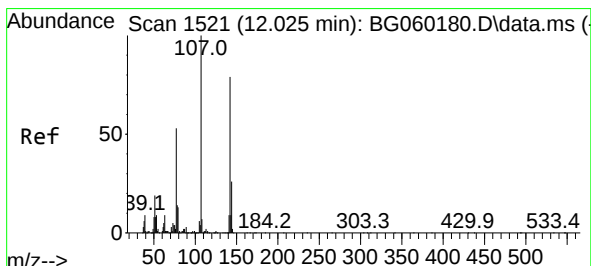
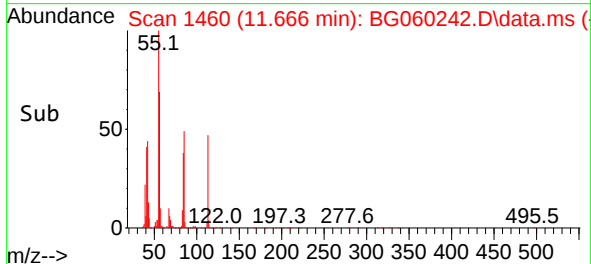
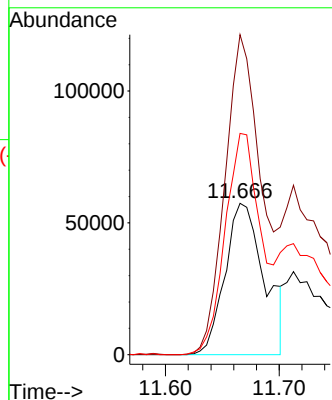
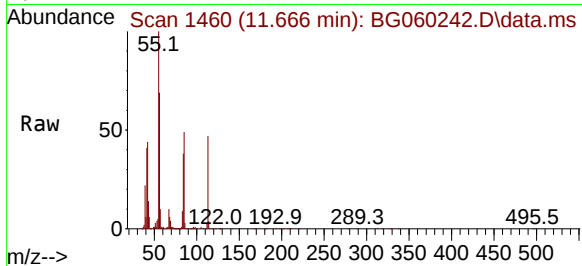




#35  
Caprolactam  
Concen: 29.895 ng  
RT: 11.666 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

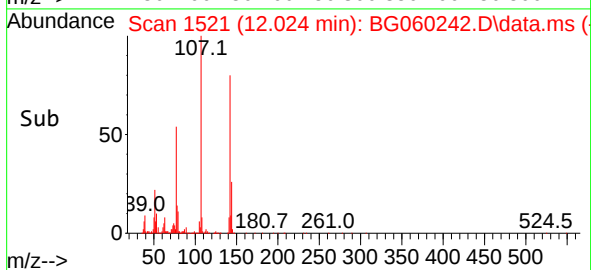
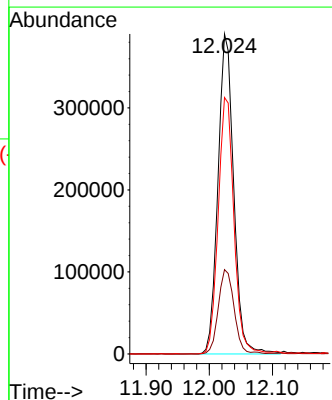
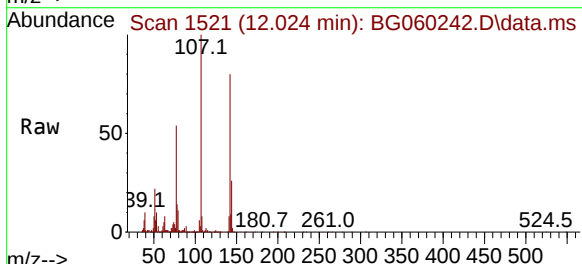
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

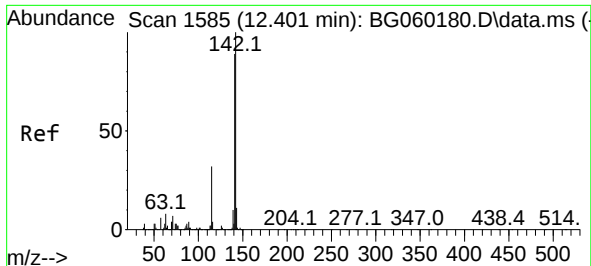
Tgt Ion:113 Resp: 137893  
Ion Ratio Lower Upper  
113 100  
55 211.4 202.1 242.1  
56 146.2 142.4 182.4



#36  
4-Chloro-3-methylphenol  
Concen: 47.345 ng  
RT: 12.024 min Scan# 1521  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:107 Resp: 675635  
Ion Ratio Lower Upper  
107 100  
144 26.3 20.8 31.2  
142 80.2 63.4 95.2

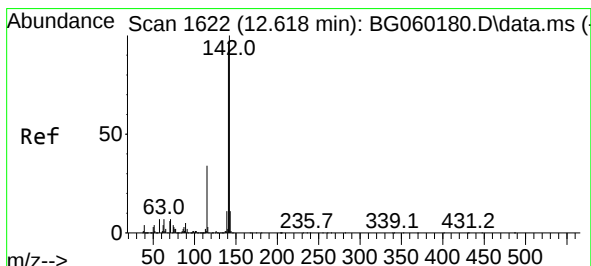
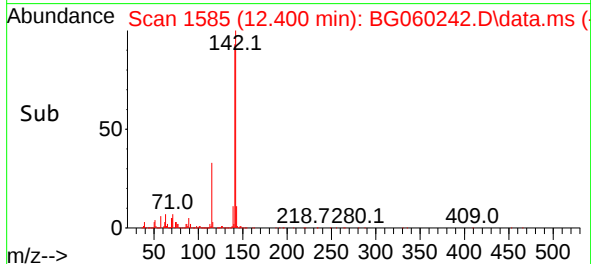
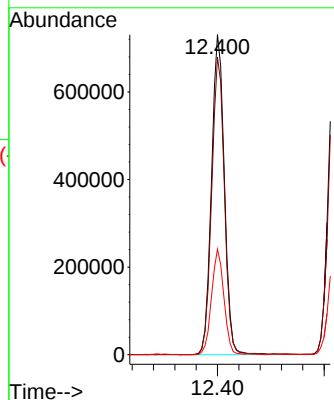
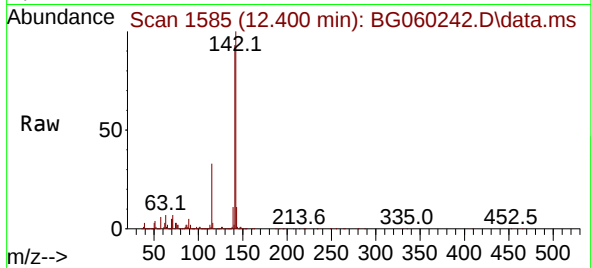




#37  
2-Methylnaphthalene  
Concen: 39.971 ng  
RT: 12.400 min Scan# 1585  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

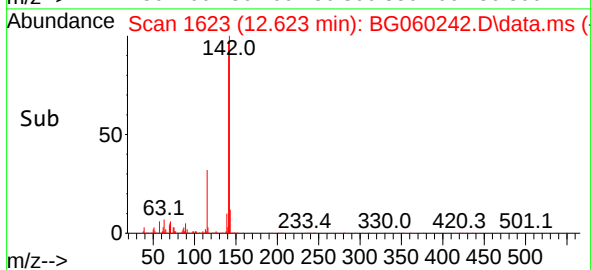
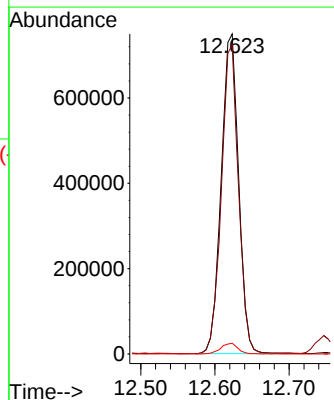
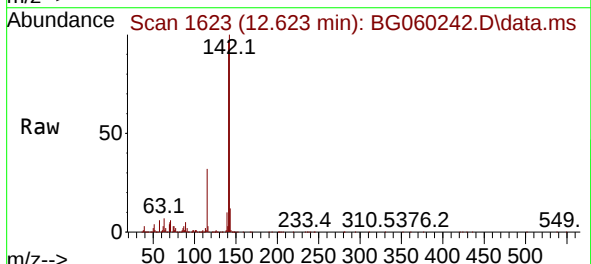
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

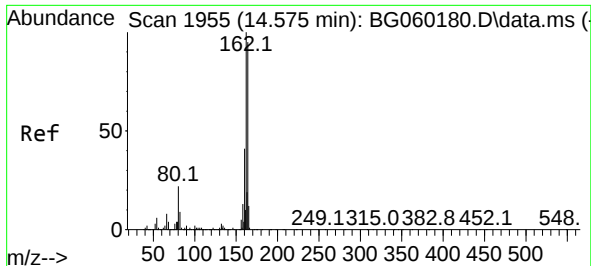
Tgt Ion:142 Resp: 1221408  
Ion Ratio Lower Upper  
142 100  
141 93.0 71.1 106.7  
115 33.0 25.5 38.3



#38  
1-Methylnaphthalene  
Concen: 39.590 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:142 Resp: 1223137  
Ion Ratio Lower Upper  
142 100  
141 96.6 76.6 114.8  
116 3.4 2.6 3.8

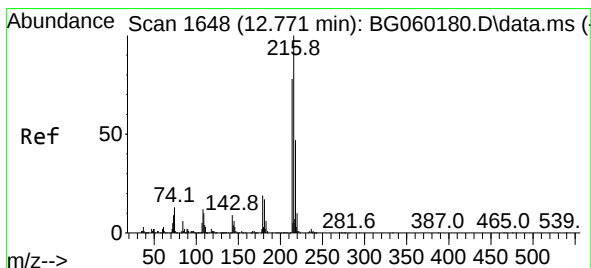
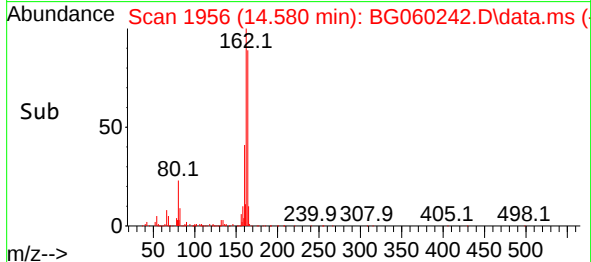
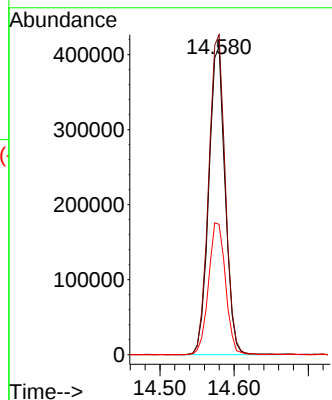
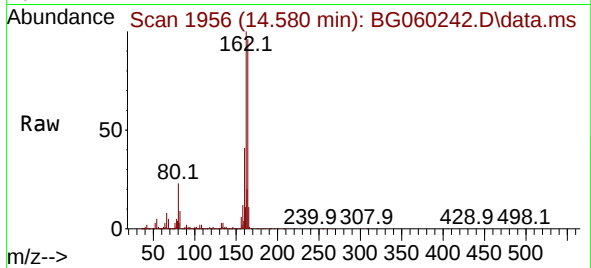




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.580 min Scan# 1955  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

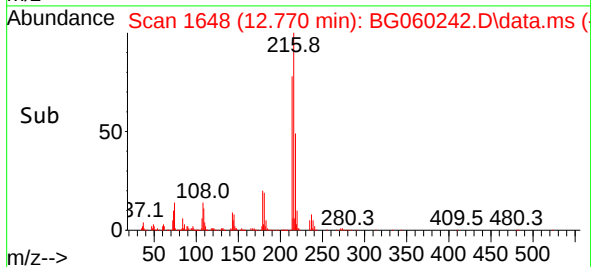
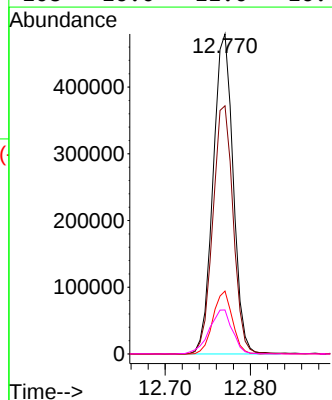
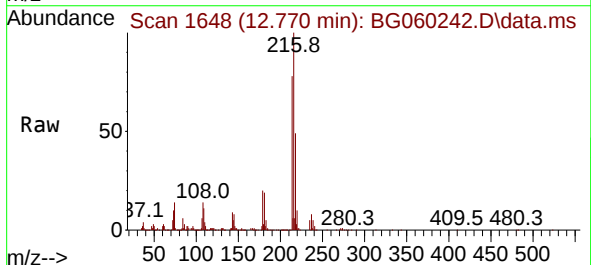
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BNA\_G  
ClientSampleId :  
PB158174BS

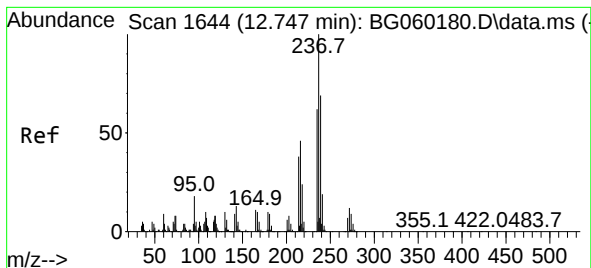
Tgt Ion:164 Resp: 627171  
Ion Ratio Lower Upper  
164 100  
162 103.8 83.9 125.9  
160 42.3 34.2 51.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.021 ng  
RT: 12.770 min Scan# 1648  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:216 Resp: 783922  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.4 95.0  
179 19.0 15.2 22.8  
108 16.0 11.0 16.4

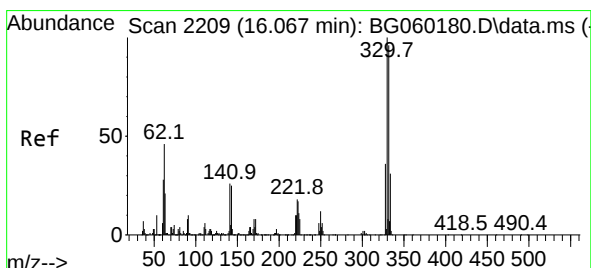
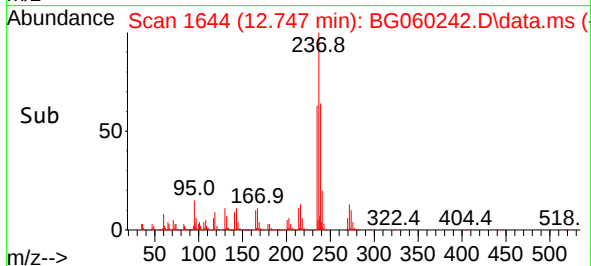
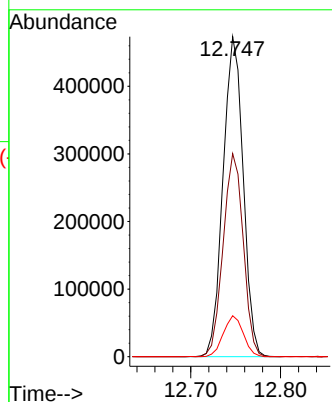
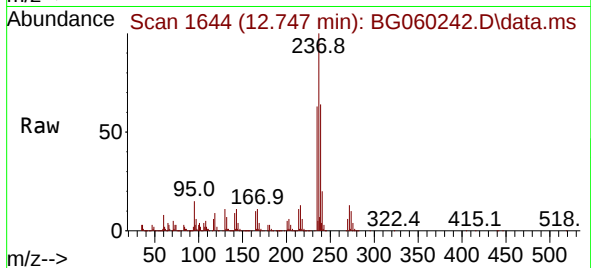




#41  
Hexachlorocyclopentadiene  
Concen: 113.305 ng  
RT: 12.747 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

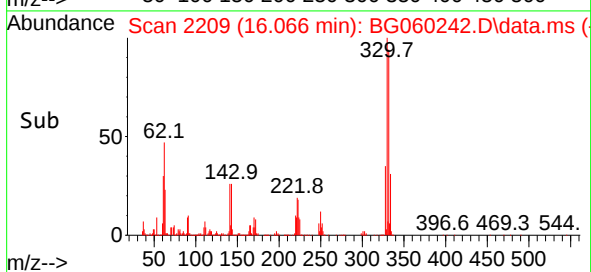
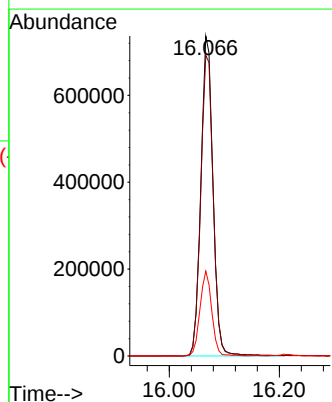
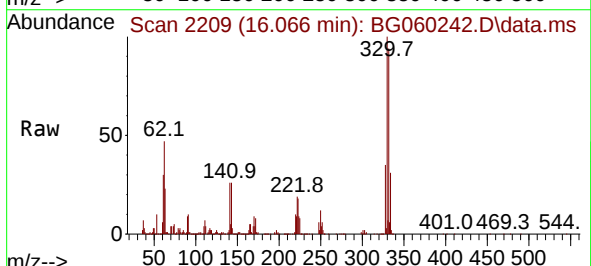
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

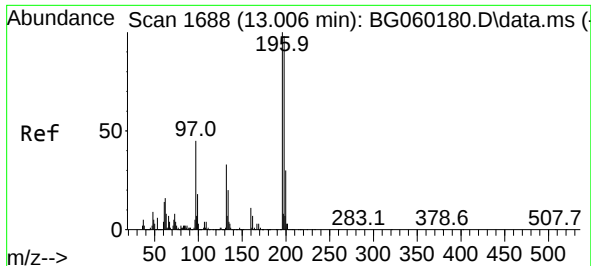
Tgt Ion:237 Resp: 735743  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.2 82.2  
272 12.8 0.0 32.0



#42  
2,4,6-Tribromophenol  
Concen: 134.305 ng  
RT: 16.066 min Scan# 2209  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:330 Resp: 1127534  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.7 115.1  
141 25.7 21.0 31.4

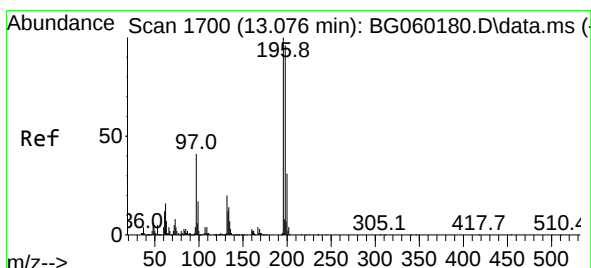
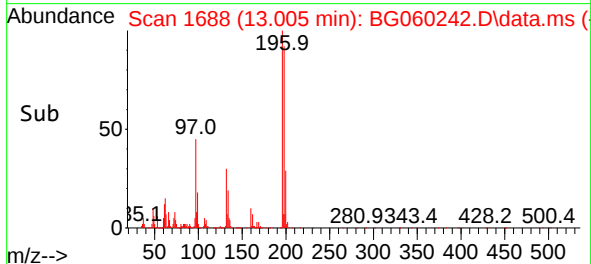
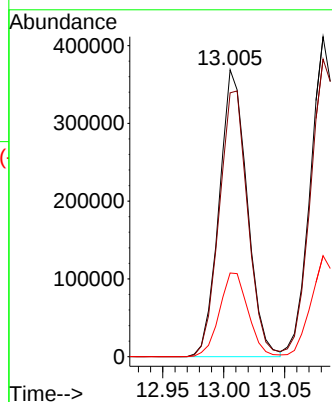
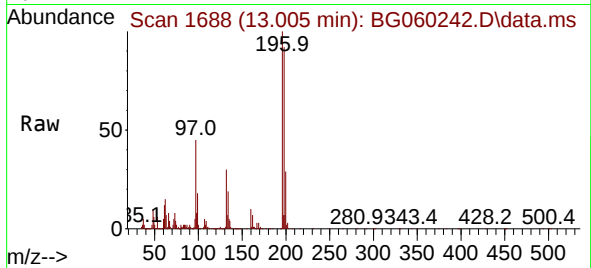




#43  
2,4,6-Trichlorophenol  
Concen: 44.657 ng  
RT: 13.005 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

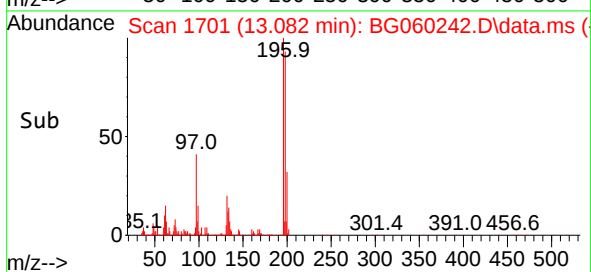
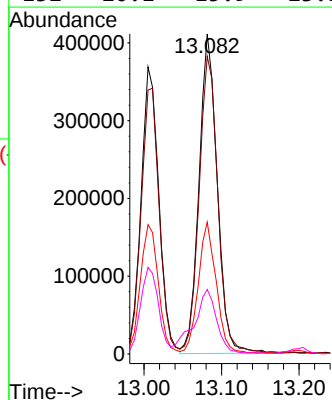
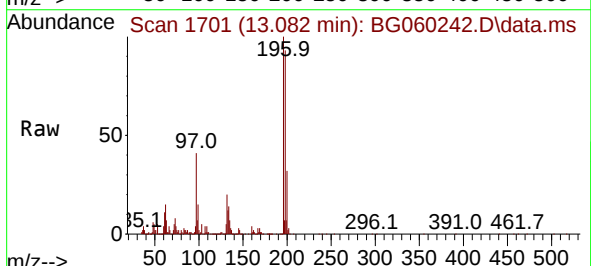
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

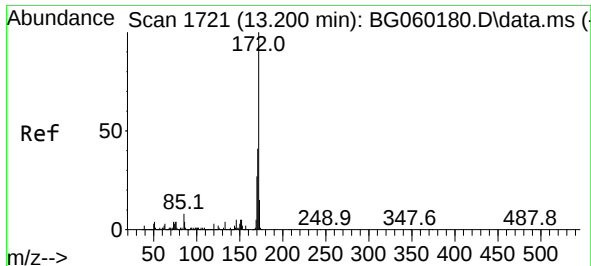
Tgt Ion:196 Resp: 589546  
Ion Ratio Lower Upper  
196 100  
198 92.0 78.3 117.5  
200 29.2 23.9 35.9



#44  
2,4,5-Trichlorophenol  
Concen: 45.565 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:196 Resp: 672924  
Ion Ratio Lower Upper  
196 100  
198 93.0 76.6 115.0  
97 41.2 32.9 49.3  
132 20.1 15.9 23.9

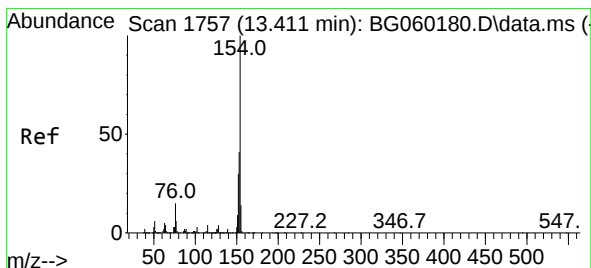
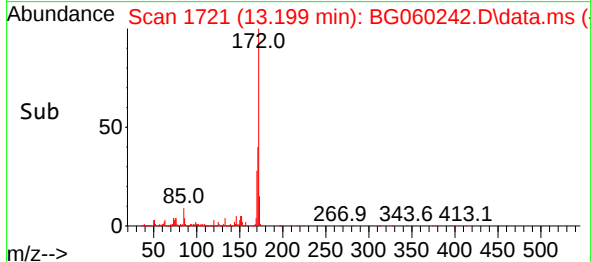
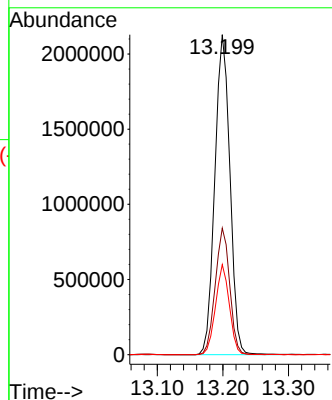
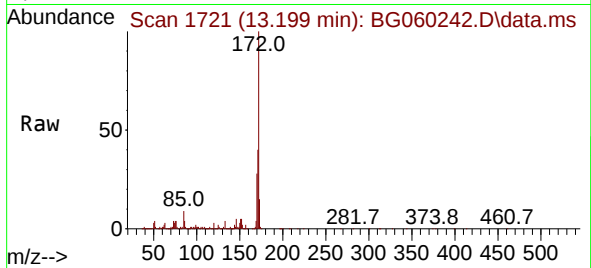




#45  
2-Fluorobiphenyl  
Concen: 77.814 ng  
RT: 13.199 min Scan# 1721  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

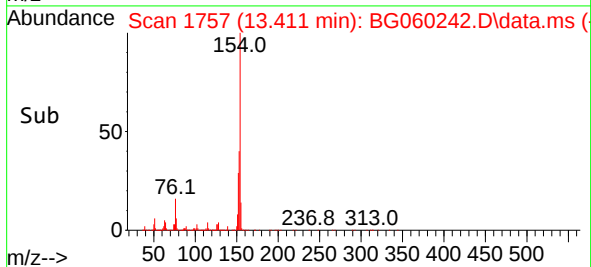
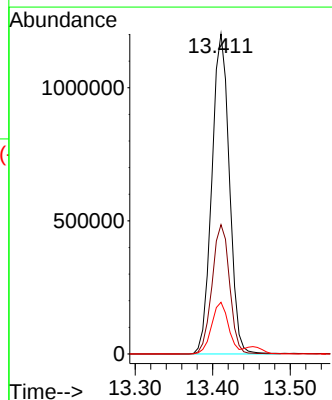
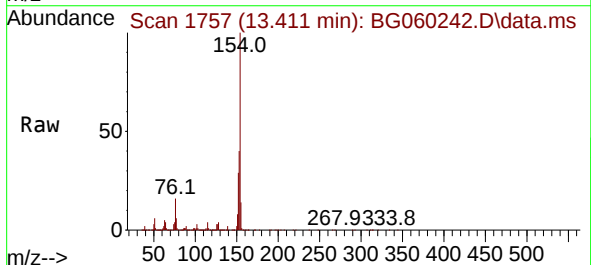
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

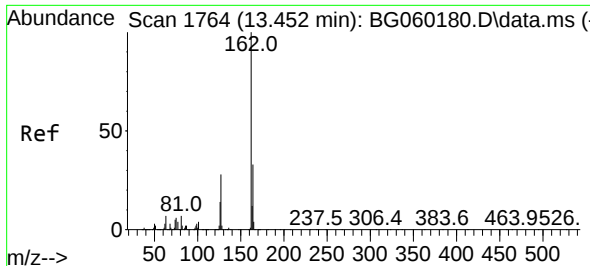
Tgt Ion:172 Resp: 3395636  
Ion Ratio Lower Upper  
172 100  
171 39.6 32.6 48.8  
170 28.1 21.8 32.6



#46  
1,1'-Biphenyl  
Concen: 40.954 ng  
RT: 13.411 min Scan# 1757  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:154 Resp: 1889734  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.9 60.9  
76 16.2 0.0 35.4

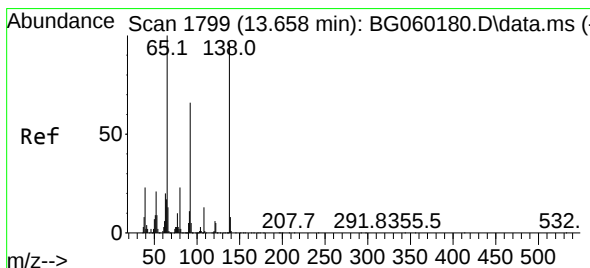
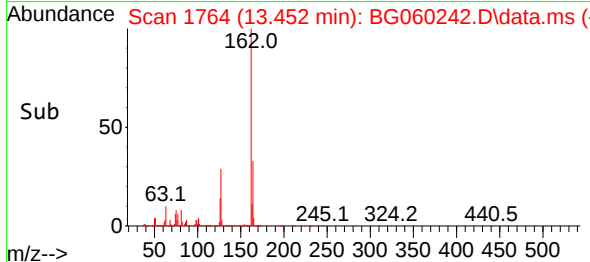
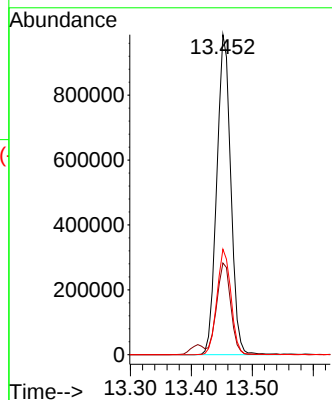
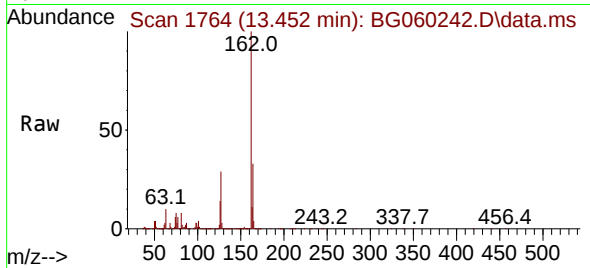




#47  
2-Chloronaphthalene  
Concen: 39.972 ng  
RT: 13.452 min Scan# 1764  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

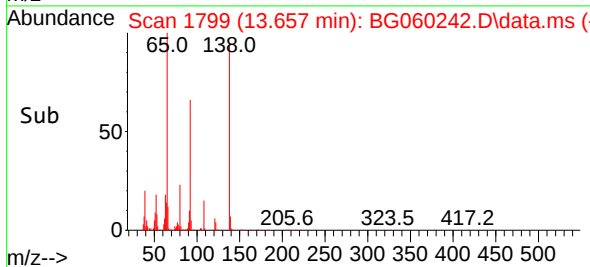
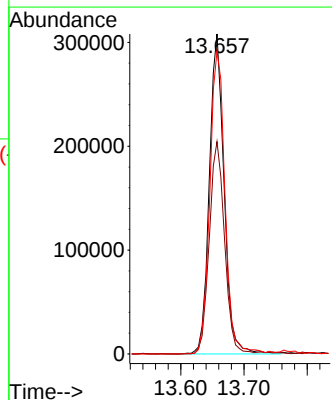
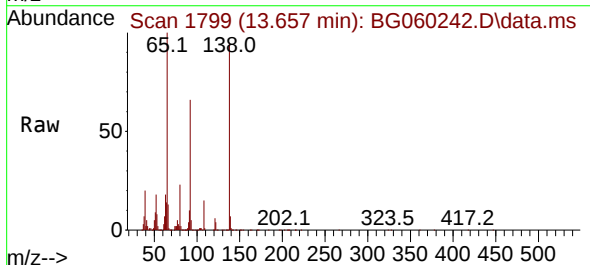
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

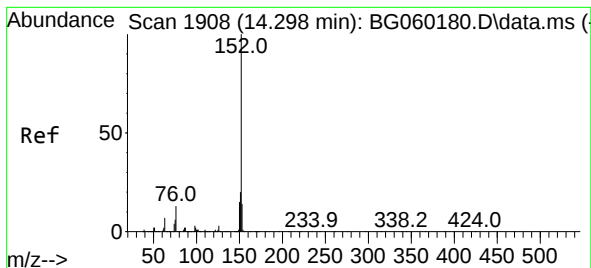
Tgt Ion:162 Resp: 1571407  
Ion Ratio Lower Upper  
162 100  
127 28.6 23.0 34.6  
164 33.0 26.7 40.1



#48  
2-Nitroaniline  
Concen: 48.570 ng  
RT: 13.657 min Scan# 1799  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion: 65 Resp: 499010  
Ion Ratio Lower Upper  
65 100  
92 66.3 52.9 79.3  
138 94.6 76.4 114.6





#49

Acenaphthylene

Concen: 44.483 ng

RT: 14.298 min Scan# 1908

Delta R.T. -0.000 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

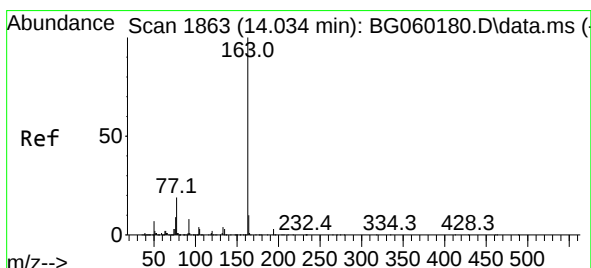
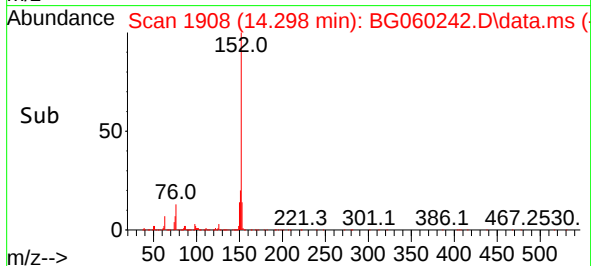
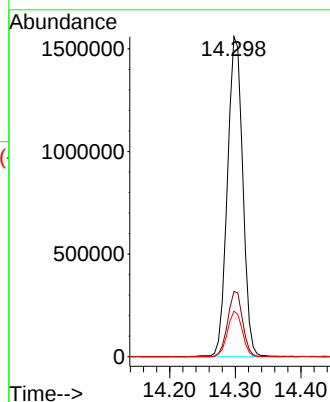
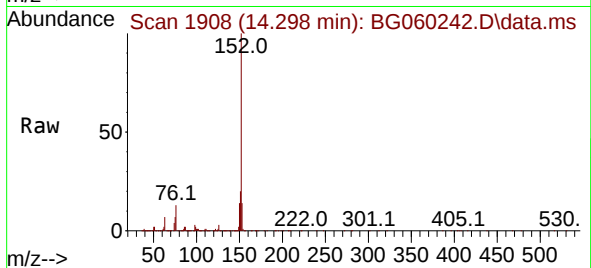
Tgt Ion:152 Resp: 2519704

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.6

153 14.2 11.0 16.6



#50

Dimethylphthalate

Concen: 42.619 ng

RT: 14.028 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

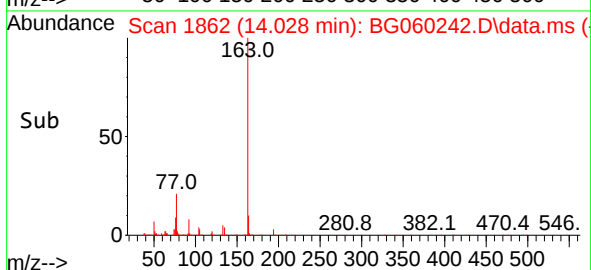
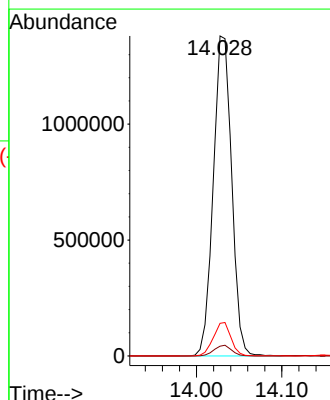
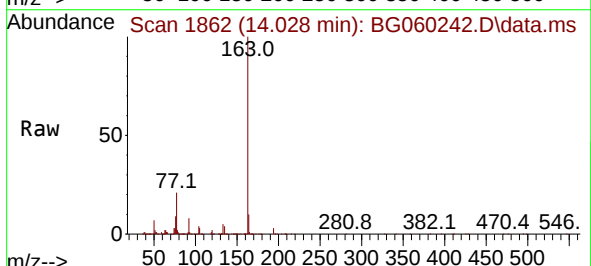
Tgt Ion:163 Resp: 2063712

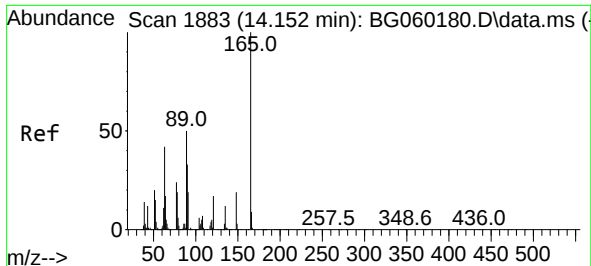
Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

164 10.2 8.3 12.5

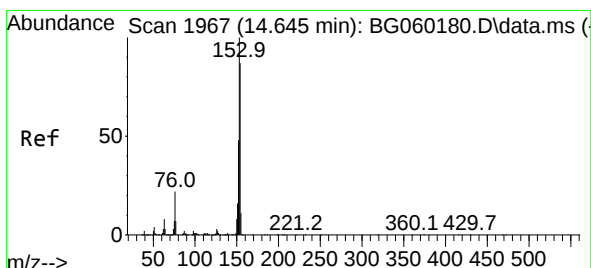
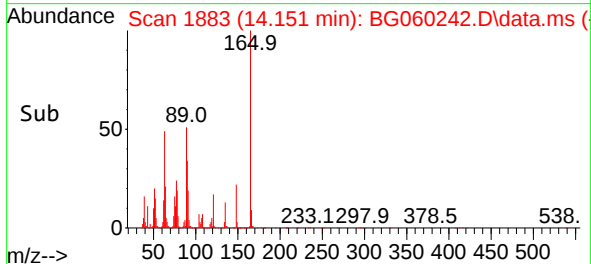
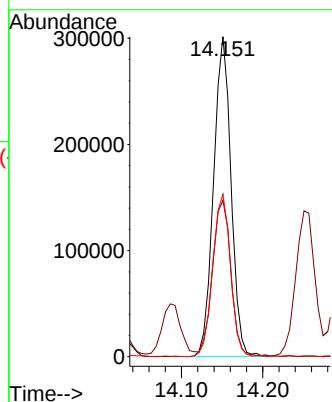
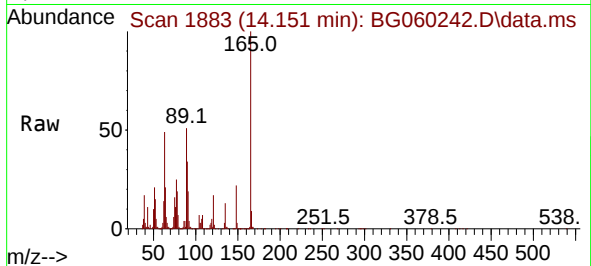




#51  
2,6-Dinitrotoluene  
Concen: 44.701 ng  
RT: 14.151 min Scan# 1883  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

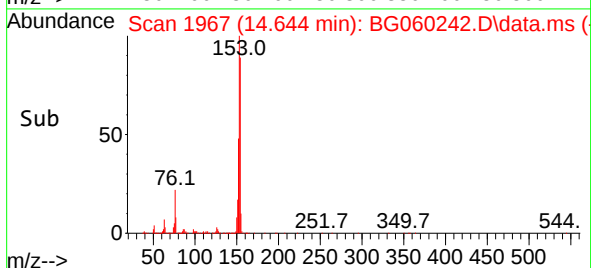
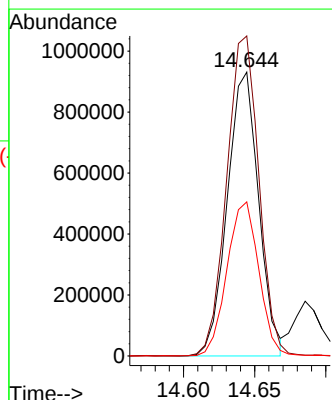
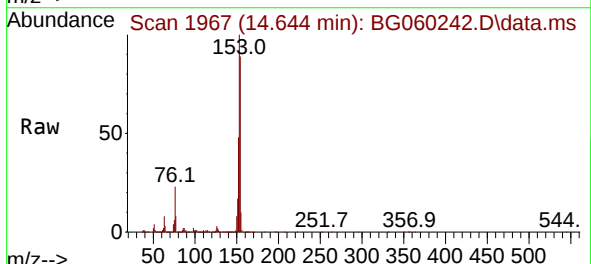
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

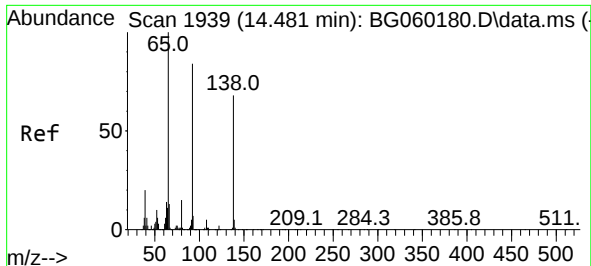
Tgt Ion:165 Resp: 450220  
Ion Ratio Lower Upper  
165 100  
63 48.8 39.3 58.9  
89 50.8 39.8 59.8



#52  
Acenaphthene  
Concen: 40.445 ng  
RT: 14.644 min Scan# 1967  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:154 Resp: 1429586  
Ion Ratio Lower Upper  
154 100  
153 112.8 91.5 137.3  
152 54.3 43.8 65.8

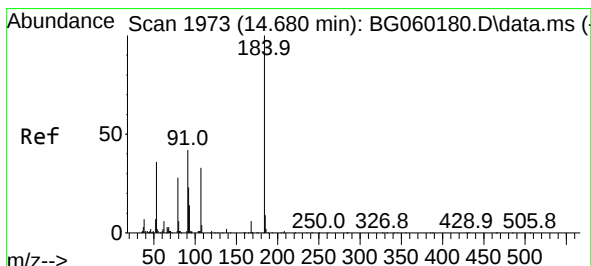
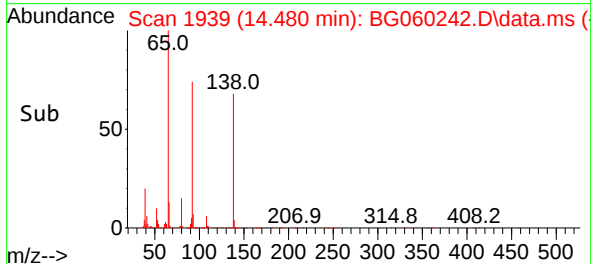
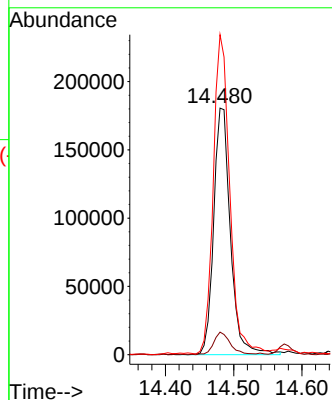
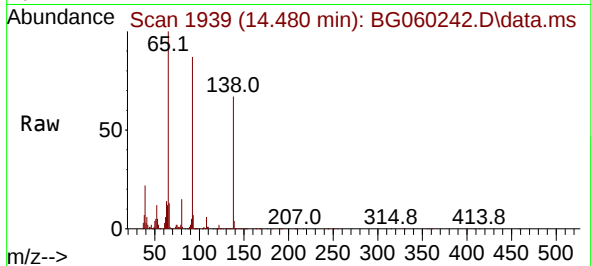




#53  
3-Nitroaniline  
Concen: 32.522 ng  
RT: 14.480 min Scan# 1939  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

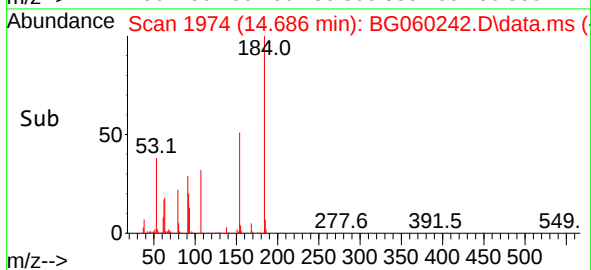
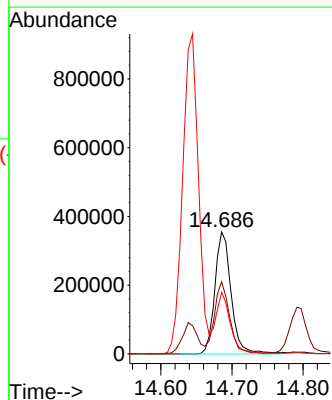
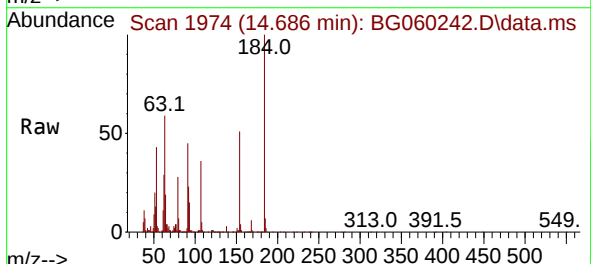
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

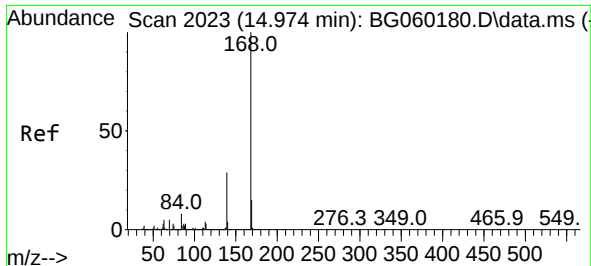
Tgt Ion:138 Resp: 308646  
Ion Ratio Lower Upper  
138 100  
108 9.1 6.2 9.4  
92 129.8 98.5 147.7



#54  
2,4-Dinitrophenol  
Concen: 94.280 ng  
RT: 14.686 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:184 Resp: 562576  
Ion Ratio Lower Upper  
184 100  
63 59.2 45.4 68.2  
154 50.6 40.0 60.0

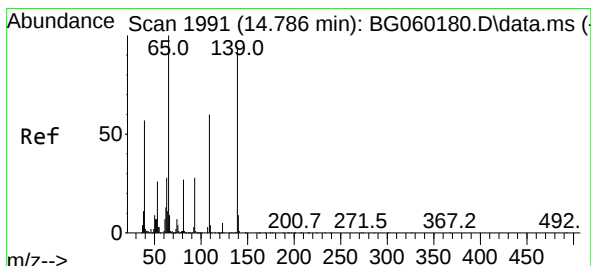
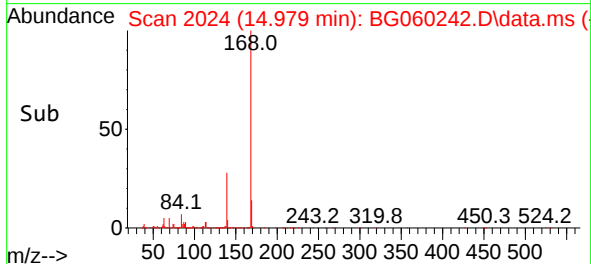
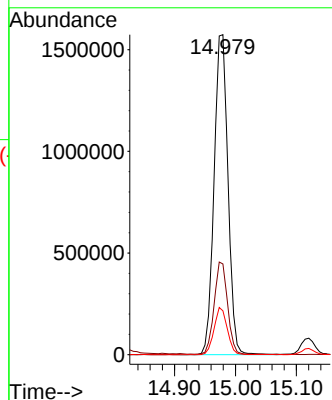
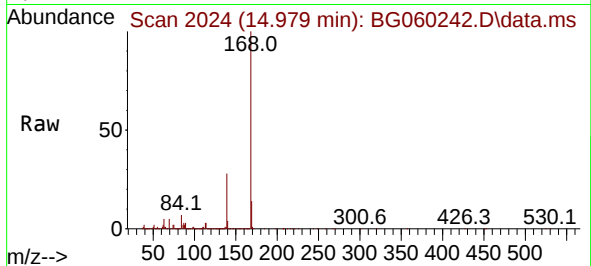




#55  
Dibenzofuran  
Concen: 42.058 ng  
RT: 14.979 min Scan# 20  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

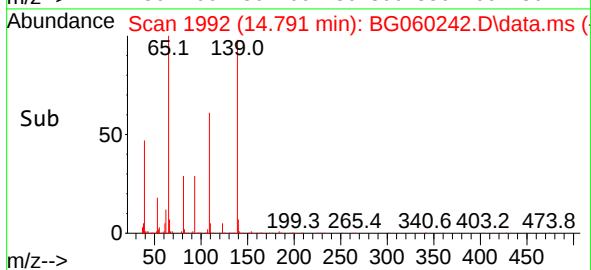
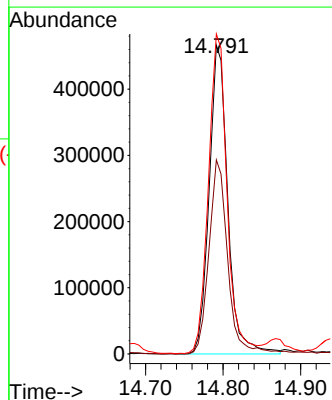
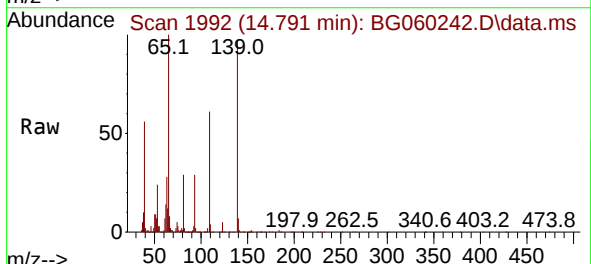
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

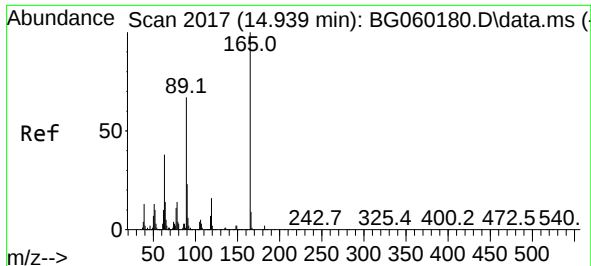
Tgt Ion:168 Resp: 2490193  
Ion Ratio Lower Upper  
168 100  
139 28.3 23.1 34.7  
169 13.7 11.9 17.9



#56  
4-Nitrophenol  
Concen: 108.394 ng  
RT: 14.791 min Scan# 1992  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:139 Resp: 777565  
Ion Ratio Lower Upper  
139 100  
109 62.8 44.4 84.4  
65 103.6 87.4 127.4

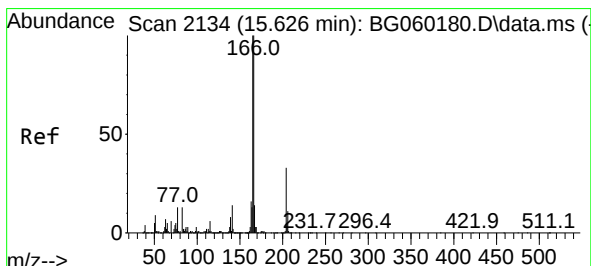
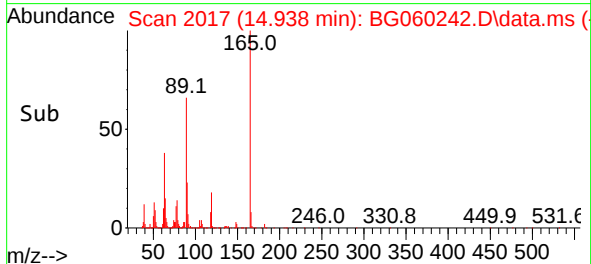
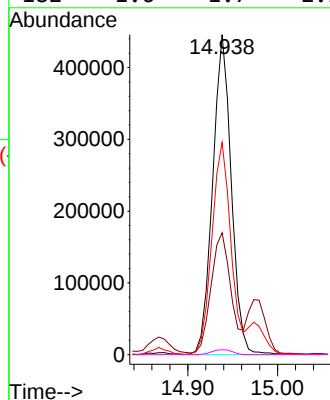
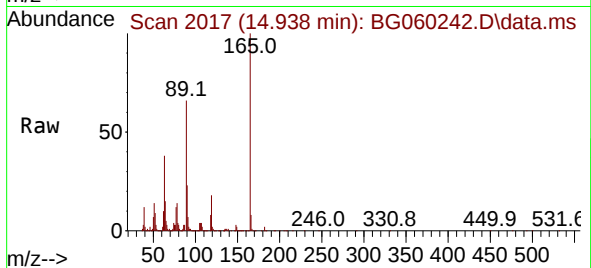




#57  
2,4-Dinitrotoluene  
Concen: 46.979 ng  
RT: 14.938 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

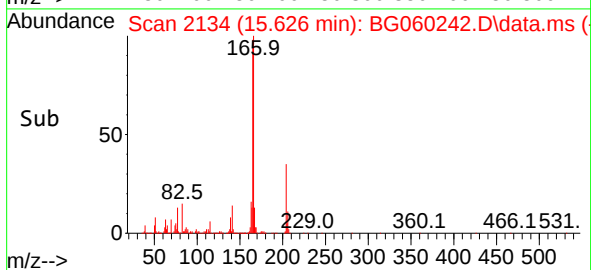
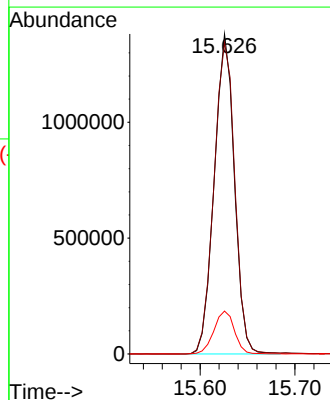
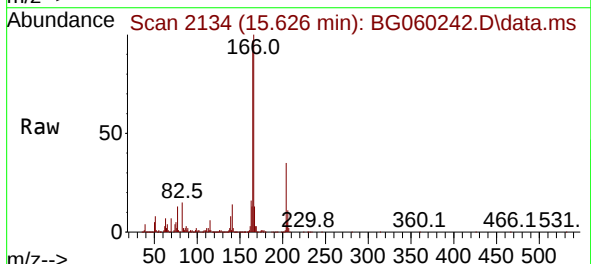
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

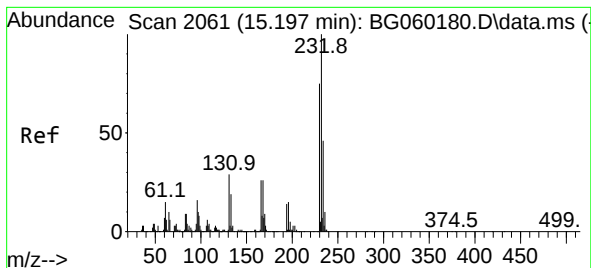
Tgt Ion:165 Resp: 643387  
Ion Ratio Lower Upper  
165 100  
63 38.1 31.0 46.6  
89 66.3 53.3 79.9  
182 1.6 1.7 2.5#



#58  
Fluorene  
Concen: 41.868 ng  
RT: 15.626 min Scan# 2134  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:166 Resp: 2033123  
Ion Ratio Lower Upper  
166 100  
165 97.4 80.4 120.6  
167 13.4 11.3 16.9

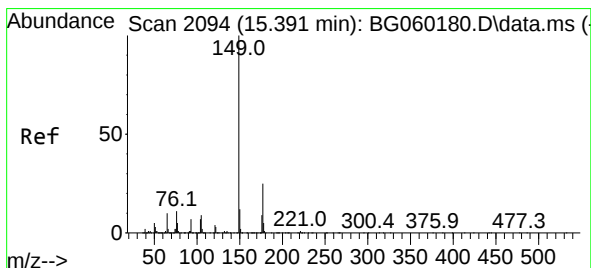
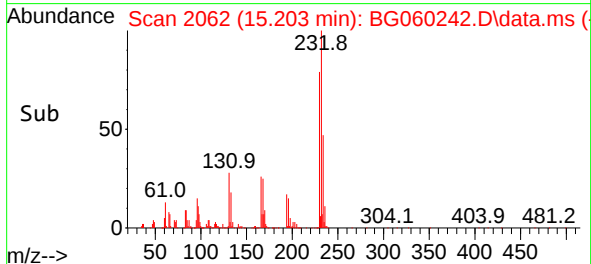
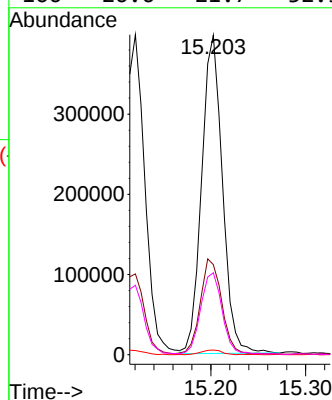
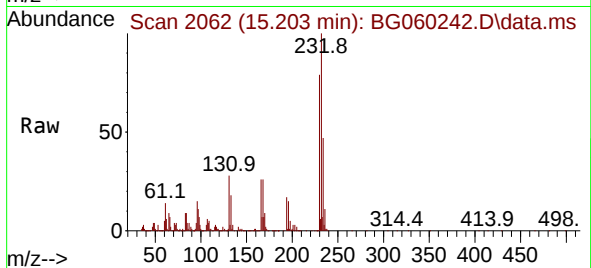




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.954 ng  
RT: 15.203 min Scan# 2062  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

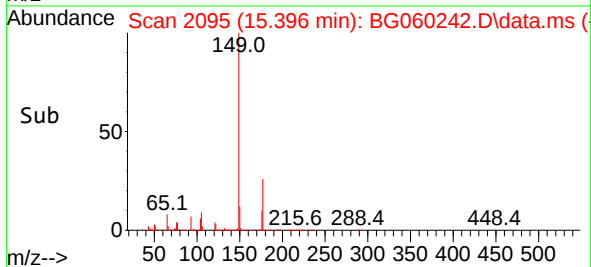
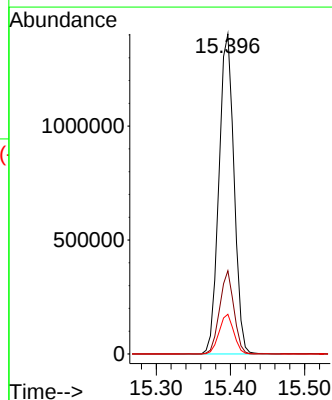
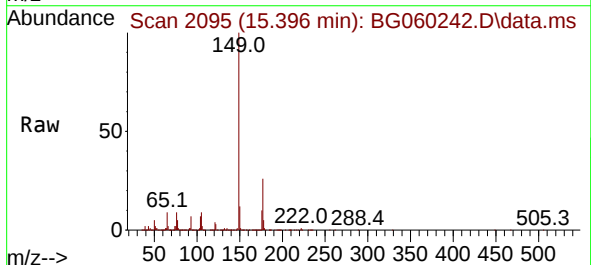
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

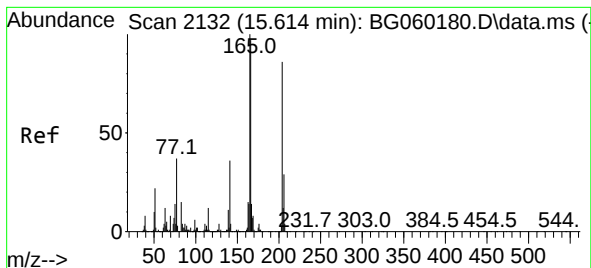
Tgt Ion:232 Resp: 604412  
Ion Ratio Lower Upper  
232 100  
131 31.2 23.8 35.6  
130 1.5 1.2 1.8  
166 26.6 21.7 32.5



#60  
Diethylphthalate  
Concen: 42.932 ng  
RT: 15.396 min Scan# 2095  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:149 Resp: 1982488  
Ion Ratio Lower Upper  
149 100  
177 26.0 20.2 30.2  
150 12.4 9.6 14.4

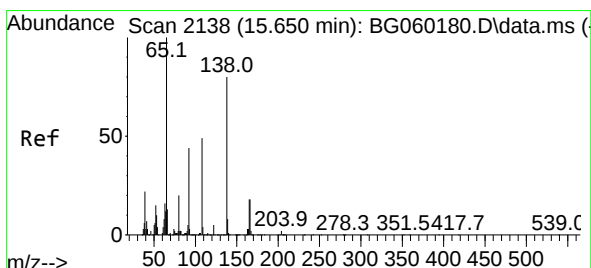
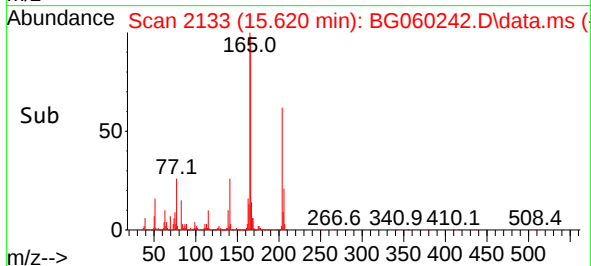
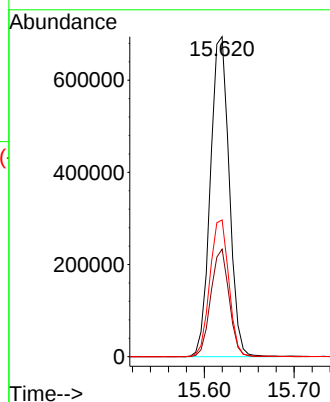
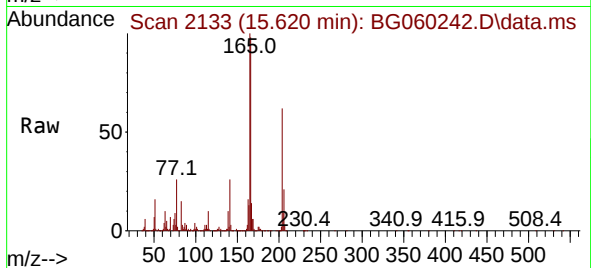




#61  
4-Chlorophenyl-phenylether  
Concen: 39.992 ng  
RT: 15.620 min Scan# 2133  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

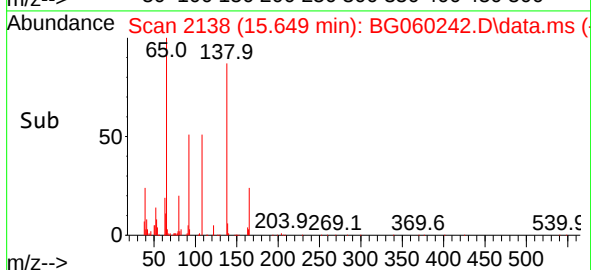
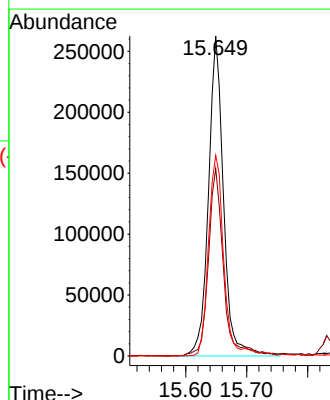
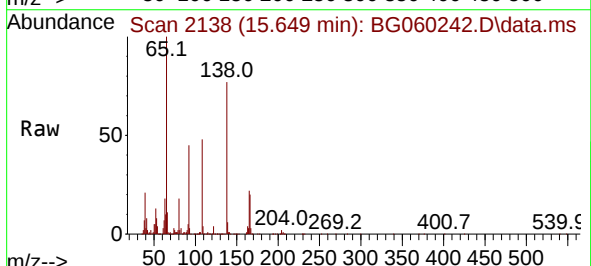
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

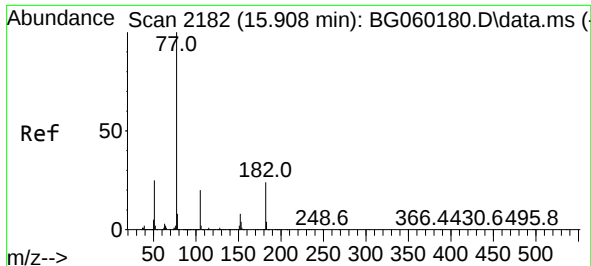
Tgt Ion:204 Resp: 1011225  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.9 40.3  
141 42.7 33.2 49.8



#62  
4-Nitroaniline  
Concen: 45.191 ng  
RT: 15.649 min Scan# 2138  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:138 Resp: 452015  
Ion Ratio Lower Upper  
138 100  
92 58.6 35.1 75.1  
108 62.7 40.9 80.9

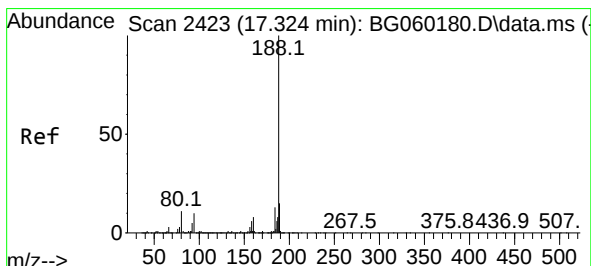
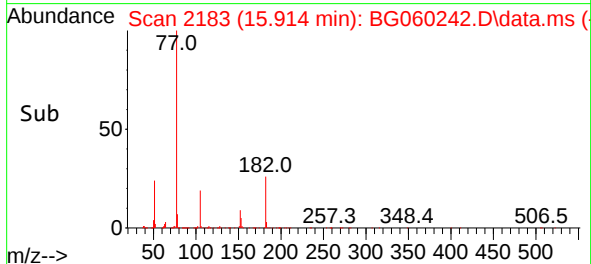
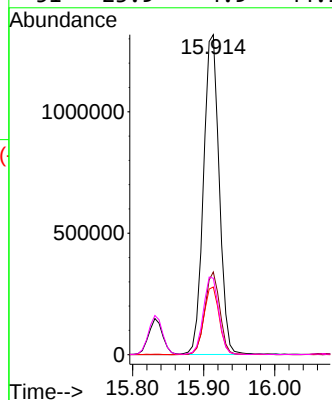
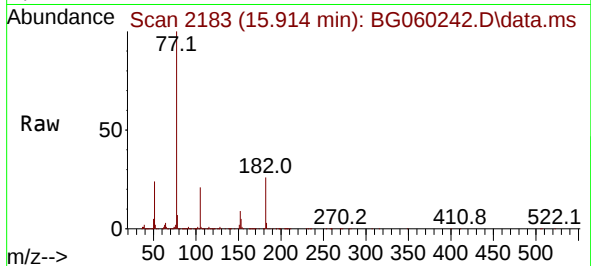




#63  
Azobenzene  
Concen: 42.328 ng  
RT: 15.914 min Scan# 2183  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

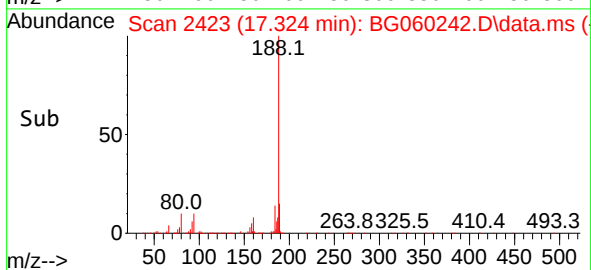
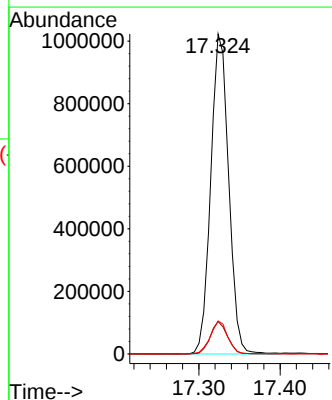
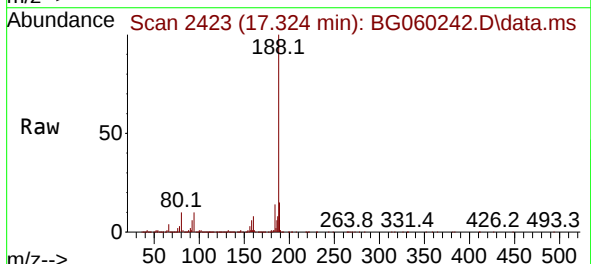
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

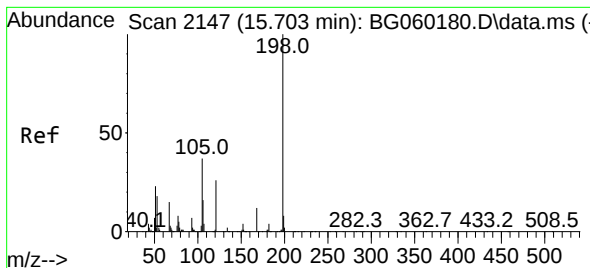
Tgt Ion: 77 Resp: 2026446  
Ion Ratio Lower Upper  
77 100  
182 25.8 4.3 44.3  
105 21.2 0.3 40.3  
51 23.9 4.9 44.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 2423  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:188 Resp: 1565747  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.8 11.6  
80 10.3 8.6 13.0

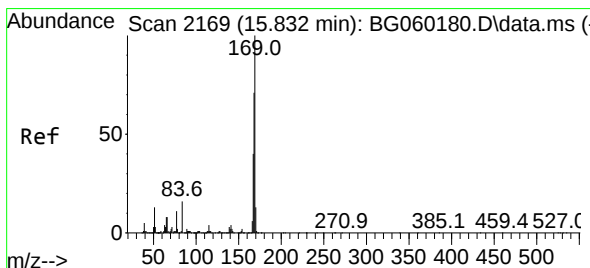
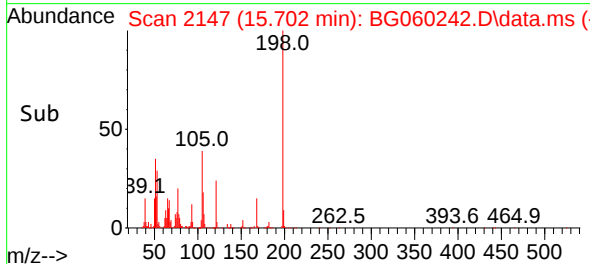
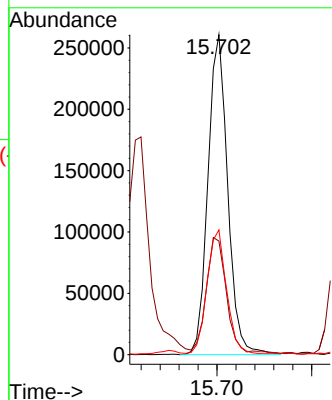
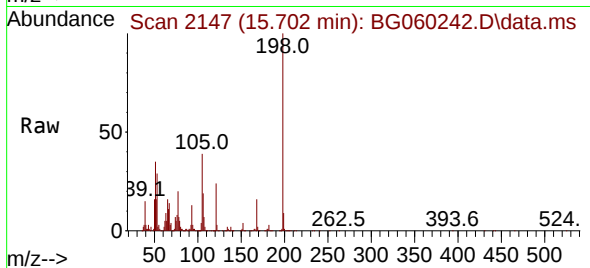




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.335 ng  
RT: 15.702 min Scan# 2147  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

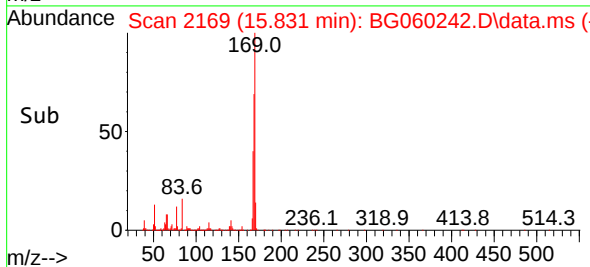
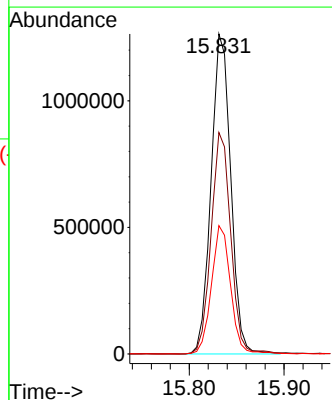
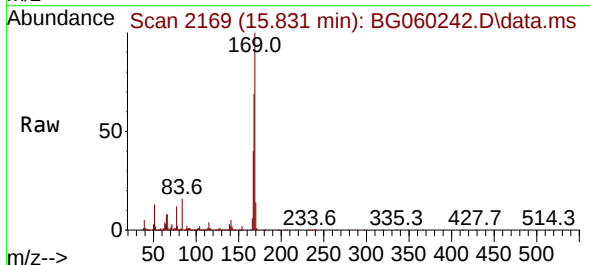
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

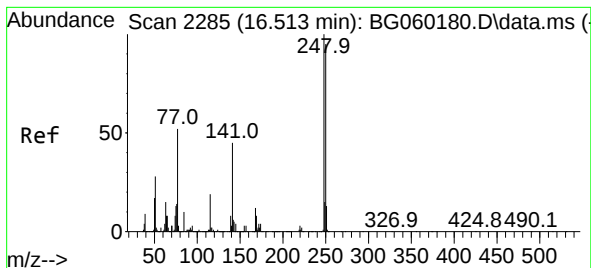
Tgt Ion:198 Resp: 378684  
Ion Ratio Lower Upper  
198 100  
51 35.5 14.8 54.8  
105 39.0 17.5 57.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.082 ng  
RT: 15.831 min Scan# 2169  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:169 Resp: 1817701  
Ion Ratio Lower Upper  
169 100  
168 69.2 56.6 84.8  
167 40.1 32.1 48.1

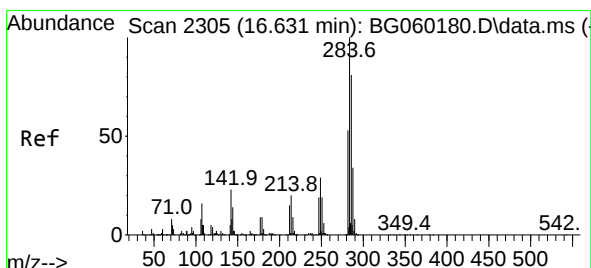
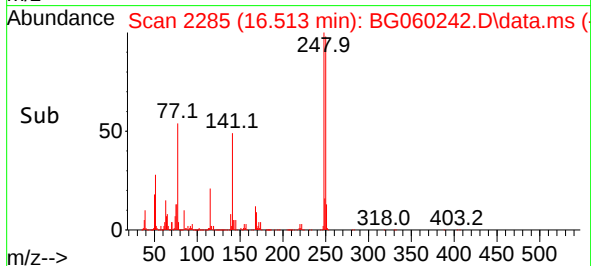
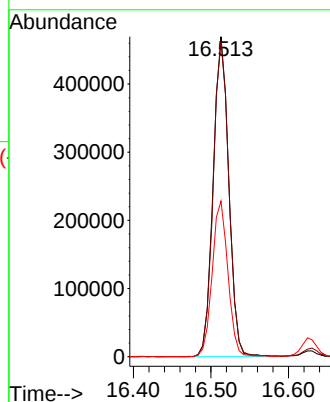
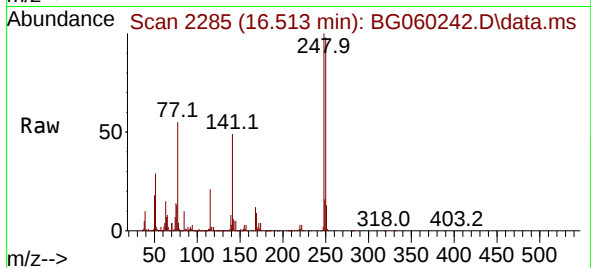




#67  
4-Bromophenyl-phenylether  
Concen: 39.621 ng  
RT: 16.513 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

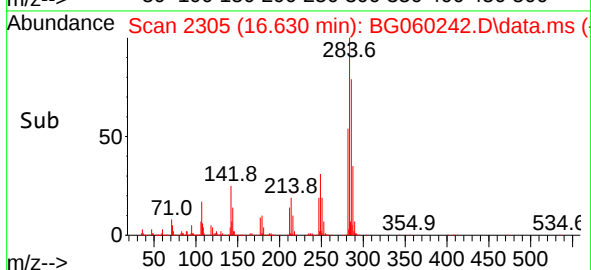
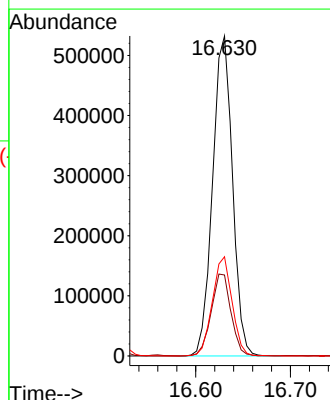
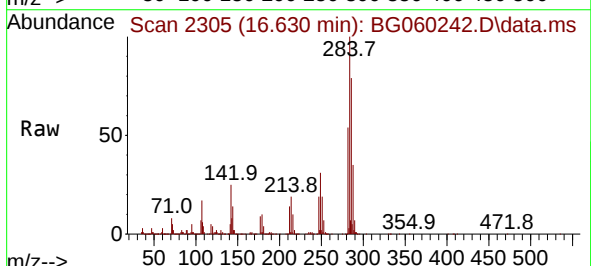
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

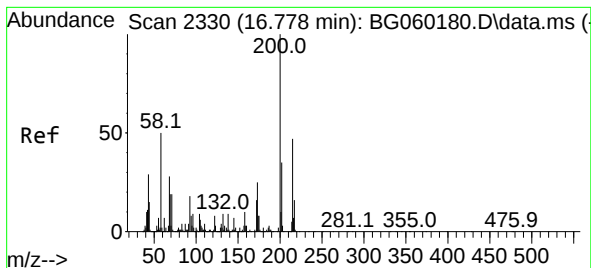
Tgt Ion:248 Resp: 657714  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.2 114.4  
141 48.7 36.0 54.0



#68  
Hexachlorobenzene  
Concen: 39.804 ng  
RT: 16.630 min Scan# 2305  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:284 Resp: 774722  
Ion Ratio Lower Upper  
284 100  
142 25.3 18.7 28.1  
249 31.0 23.5 35.3





#69

Atrazine

Concen: 35.473 ng

RT: 16.777 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

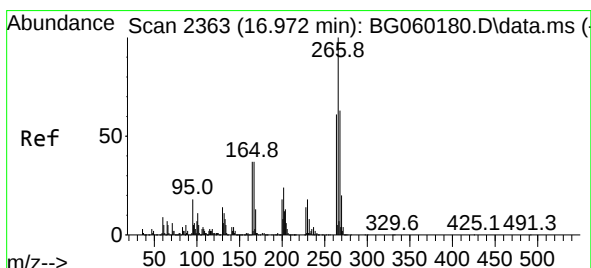
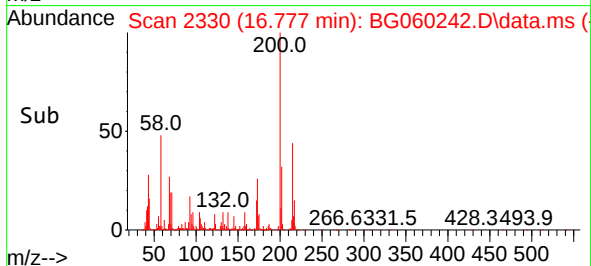
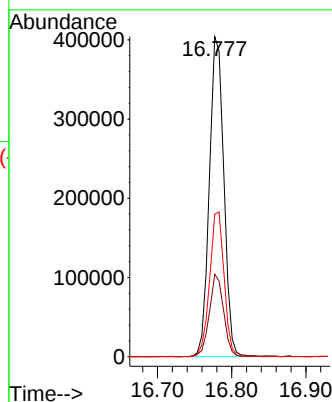
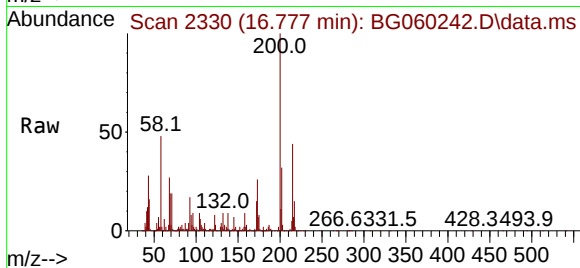
Tgt Ion:200 Resp: 550080

Ion Ratio Lower Upper

200 100

173 25.7 5.2 45.2

215 44.5 26.9 66.9



#70

Pentachlorophenol

Concen: 92.804 ng

RT: 16.971 min Scan# 2363

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

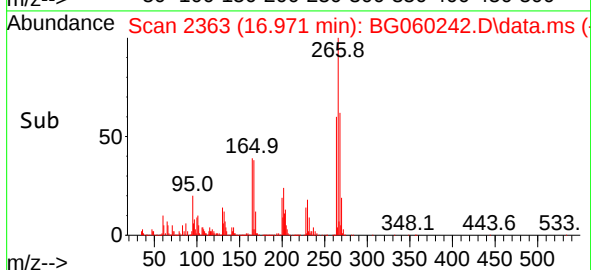
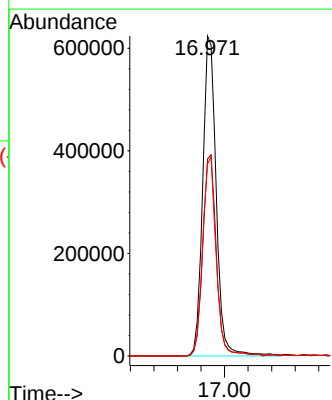
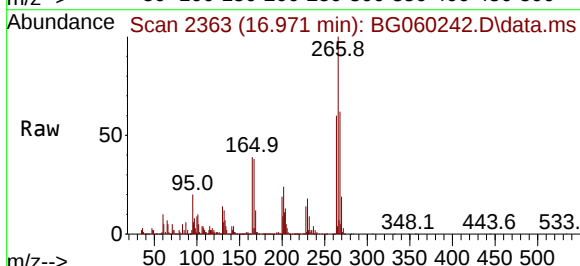
Tgt Ion:266 Resp: 992273

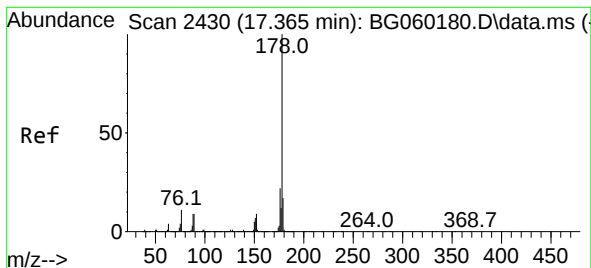
Ion Ratio Lower Upper

266 100

268 61.6 50.4 75.6

264 60.0 52.6 79.0





#71

Phenanthrene

Concen: 43.180 ng

RT: 17.371 min Scan# 2430

Delta R.T. 0.005 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

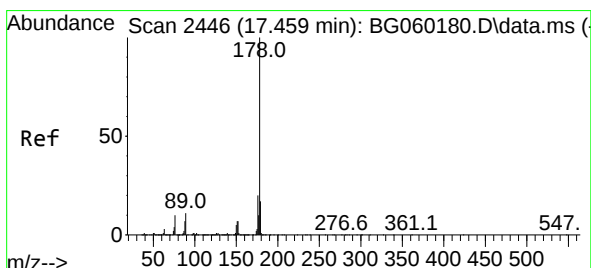
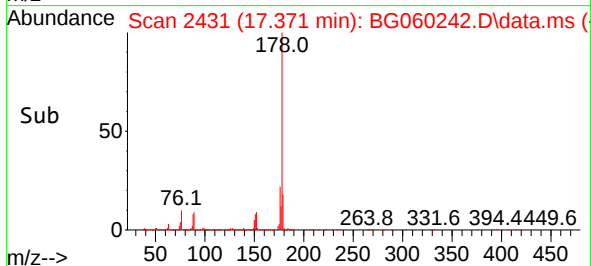
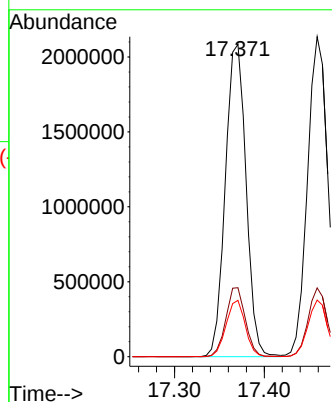
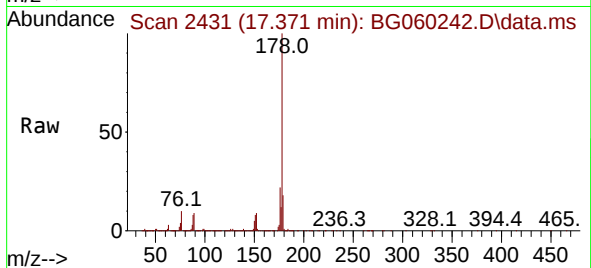
Tgt Ion:178 Resp: 3341847

Ion Ratio Lower Upper

178 100

176 22.1 17.5 26.3

179 18.0 13.8 20.8



#72

Anthracene

Concen: 44.184 ng

RT: 17.459 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

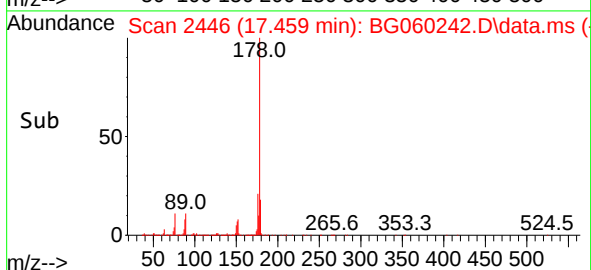
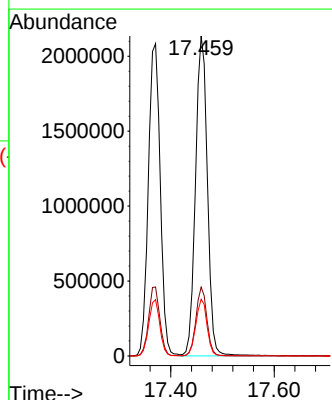
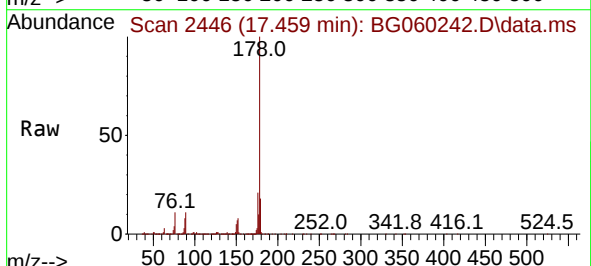
Tgt Ion:178 Resp: 3396641

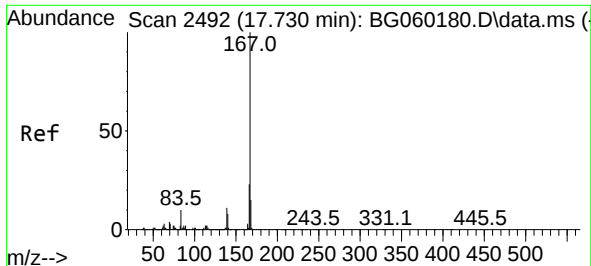
Ion Ratio Lower Upper

178 100

176 21.5 16.2 24.2

179 17.7 14.0 21.0

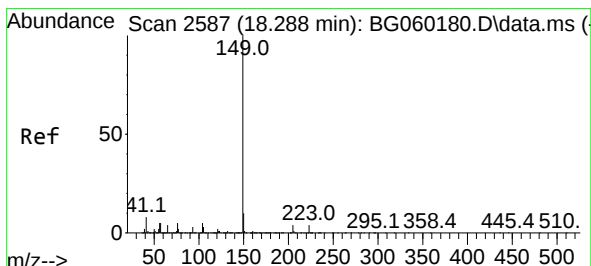
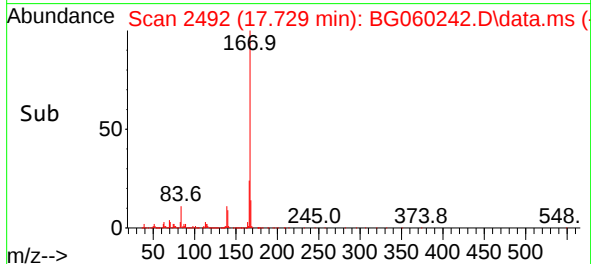
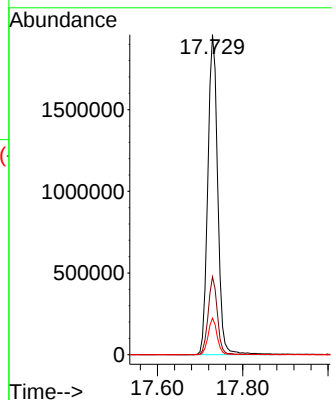
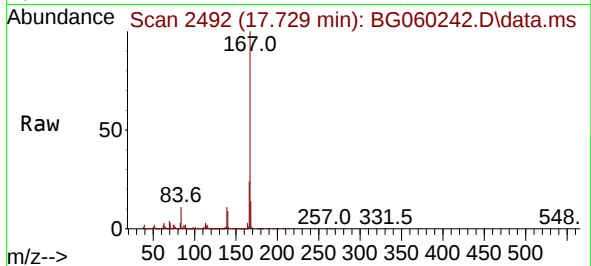




#73  
 Carbazole  
 Concen: 43.137 ng  
 RT: 17.729 min Scan# 2492  
 Delta R.T. -0.001 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

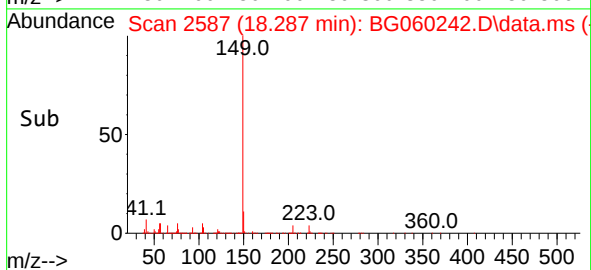
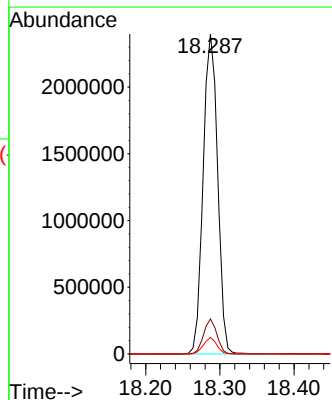
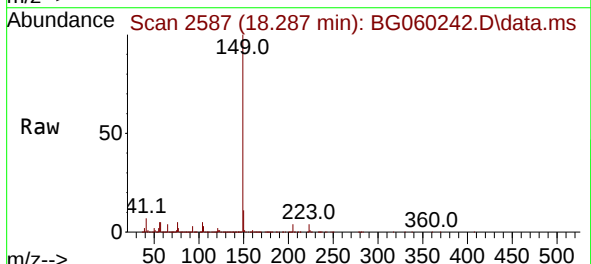
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158174BS

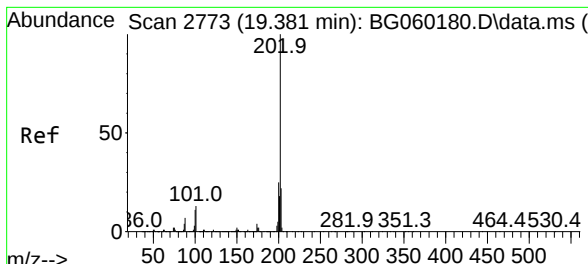
Tgt Ion:167 Resp: 3145282  
 Ion Ratio Lower Upper  
 167 100  
 166 24.3 18.8 28.2  
 139 11.5 8.8 13.2



#74  
 Di-n-butylphthalate  
 Concen: 45.975 ng  
 RT: 18.287 min Scan# 2587  
 Delta R.T. -0.001 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

Tgt Ion:149 Resp: 3248506  
 Ion Ratio Lower Upper  
 149 100  
 150 11.0 8.3 12.5  
 104 5.2 4.2 6.4

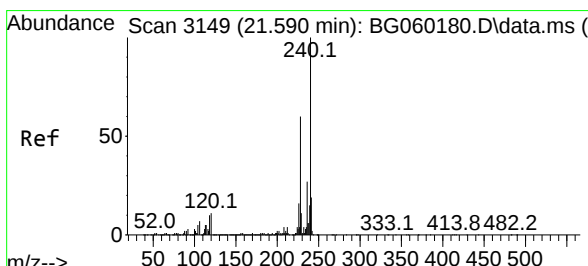
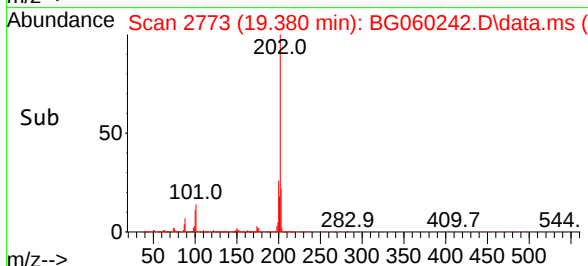
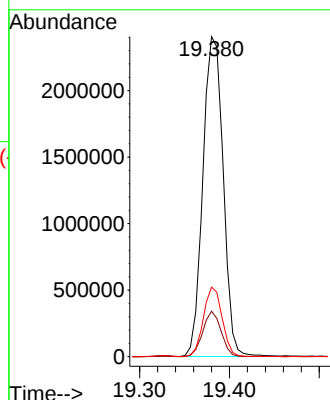
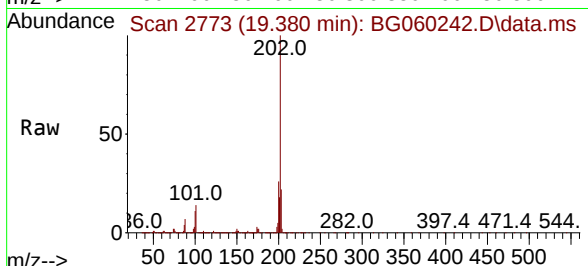




#75  
Fluoranthene  
Concen: 41.626 ng  
RT: 19.380 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

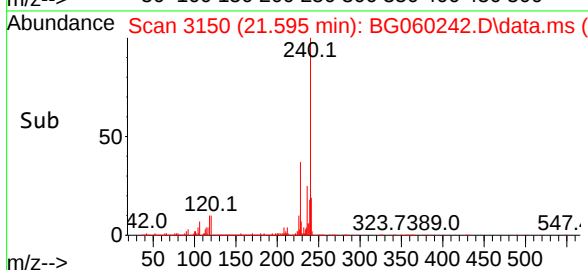
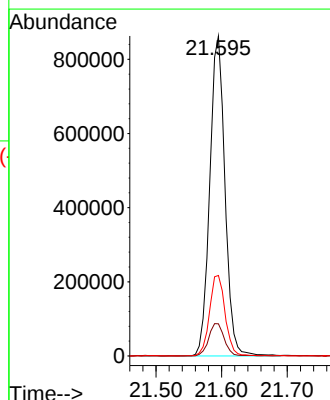
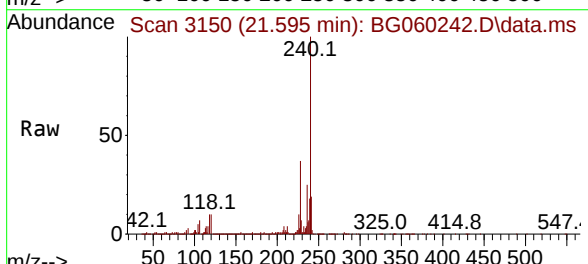
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

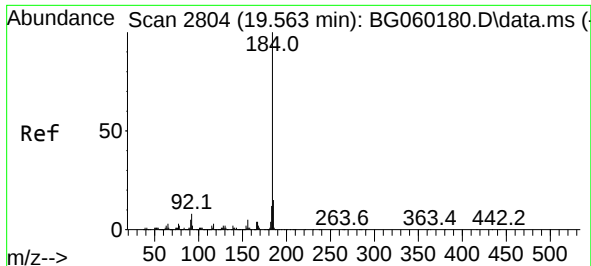
Tgt Ion:202 Resp: 3778805  
Ion Ratio Lower Upper  
202 100  
101 14.2 0.0 32.8  
203 21.8 2.0 42.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.595 min Scan# 3150  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:240 Resp: 1391259  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.5 12.7  
236 25.1 21.4 32.2

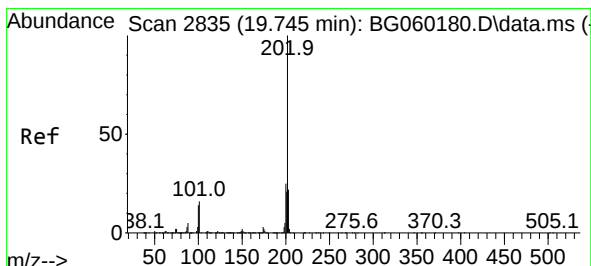
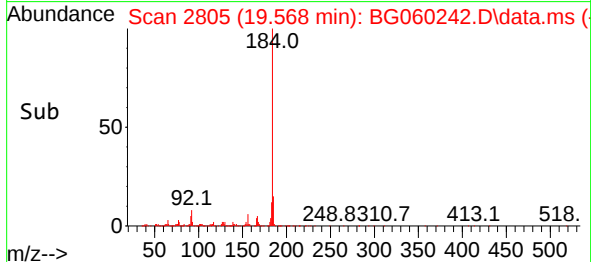
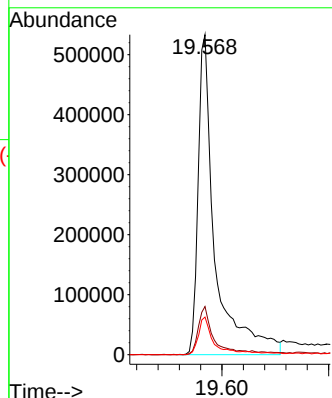
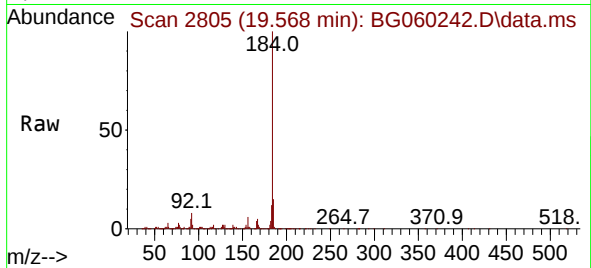




#77  
Benzidine  
Concen: 30.557 ng  
RT: 19.568 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

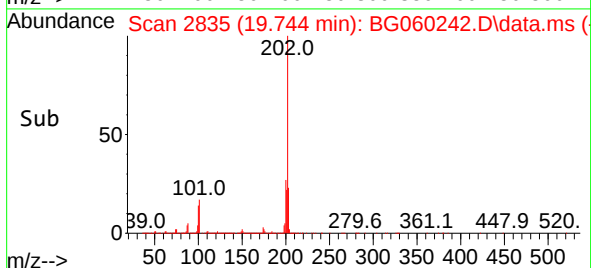
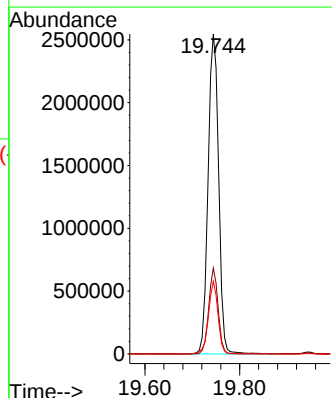
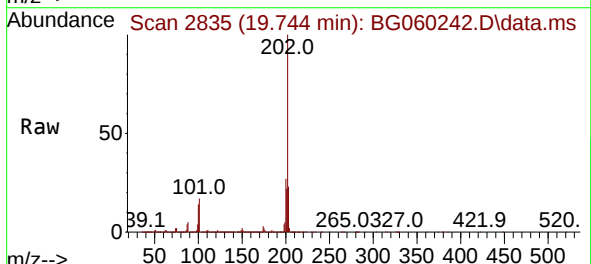
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

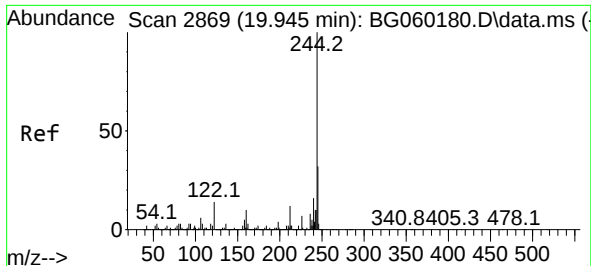
Tgt Ion:184 Resp: 1176607  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.7 17.5  
183 11.7 9.4 14.2



#78  
Pyrene  
Concen: 42.019 ng  
RT: 19.744 min Scan# 2835  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:202 Resp: 3929750  
Ion Ratio Lower Upper  
202 100  
200 26.9 20.3 30.5  
203 22.7 17.8 26.6

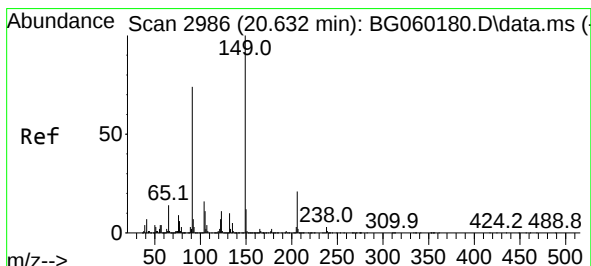
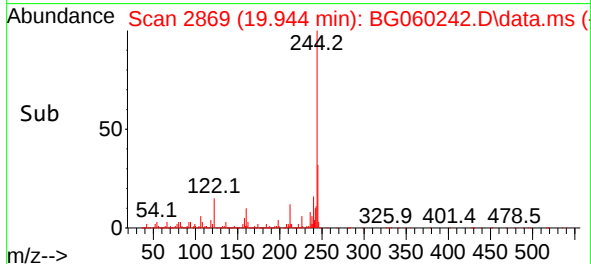
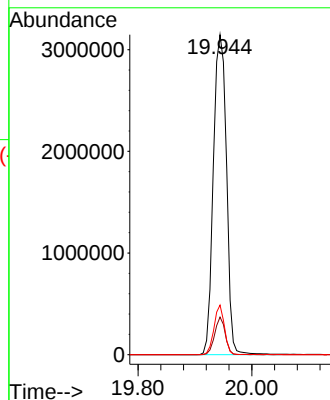
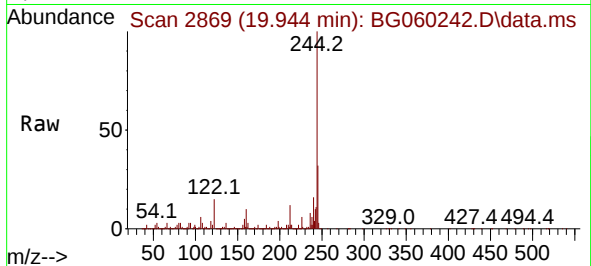




#79  
 Terphenyl-d14  
 Concen: 69.404 ng  
 RT: 19.944 min Scan# 2869  
 Delta R.T. -0.001 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

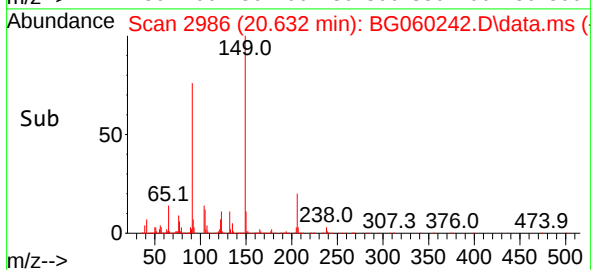
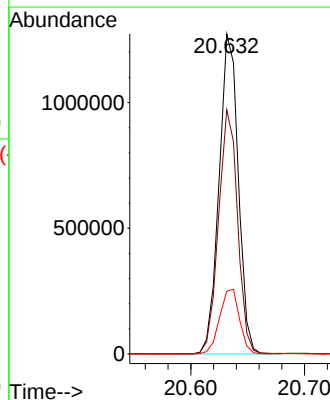
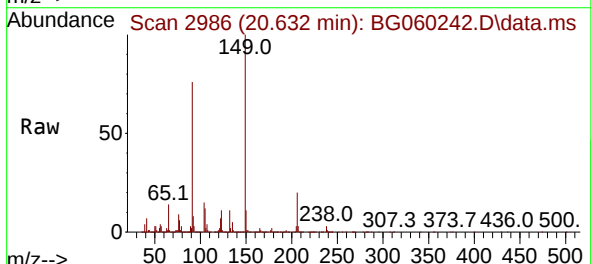
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158174BS

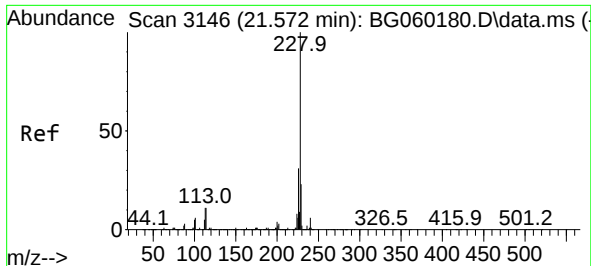
Tgt Ion:244 Resp: 5022573  
 Ion Ratio Lower Upper  
 244 100  
 212 11.8 9.5 14.3  
 122 15.5 11.4 17.2



#80  
 Butylbenzylphthalate  
 Concen: 54.168 ng  
 RT: 20.632 min Scan# 2986  
 Delta R.T. -0.001 min  
 Lab File: BG060242.D  
 Acq: 4 Jan 2024 12:57

Tgt Ion:149 Resp: 1493726  
 Ion Ratio Lower Upper  
 149 100  
 91 76.3 59.4 89.2  
 206 19.6 16.6 25.0

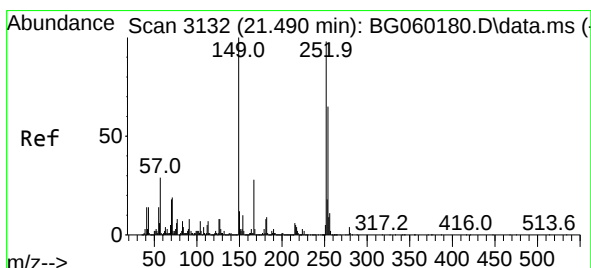
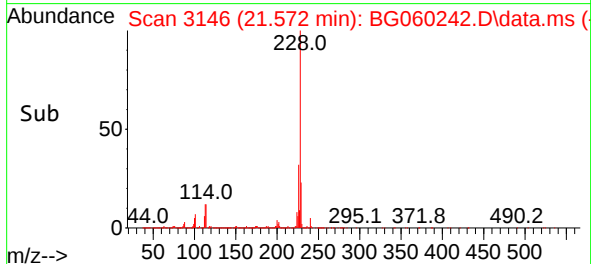
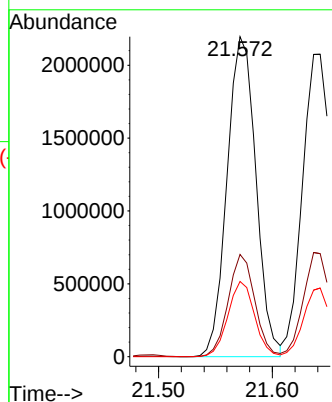
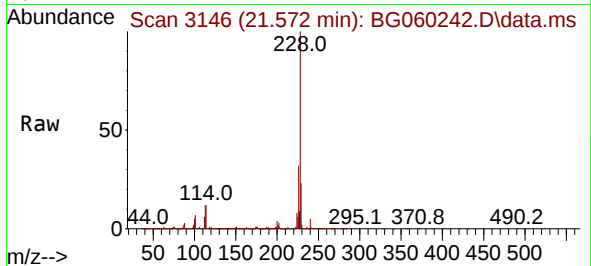




#81  
Benzo(a)anthracene  
Concen: 43.850 ng  
RT: 21.572 min Scan# 3146  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

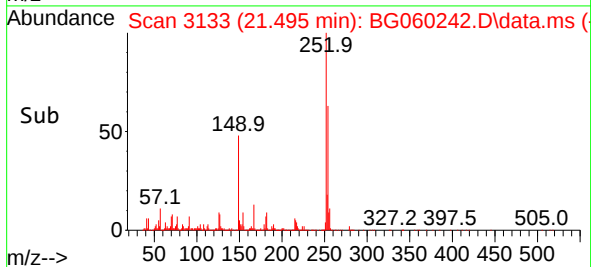
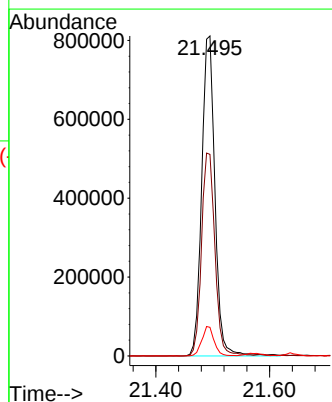
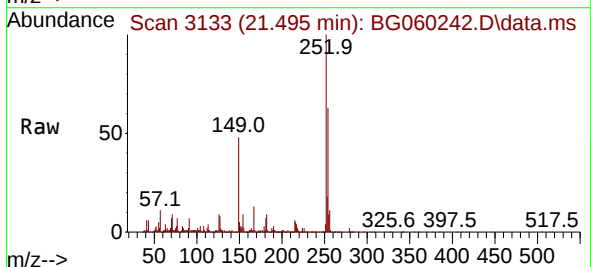
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

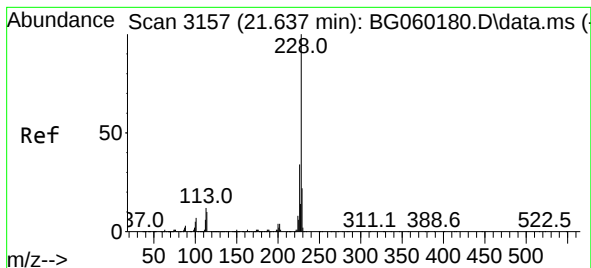
Tgt Ion:228 Resp: 3878887  
Ion Ratio Lower Upper  
228 100  
226 31.9 24.6 36.8  
229 23.5 18.4 27.6



#82  
3,3'-Dichlorobenzidine  
Concen: 40.750 ng  
RT: 21.495 min Scan# 3133  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:252 Resp: 1310795  
Ion Ratio Lower Upper  
252 100  
254 63.0 52.6 78.8  
126 8.9 6.9 10.3





#83

Chrysene

Concen: 42.981 ng

RT: 21.642 min Scan# 3157

Delta R.T. 0.005 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

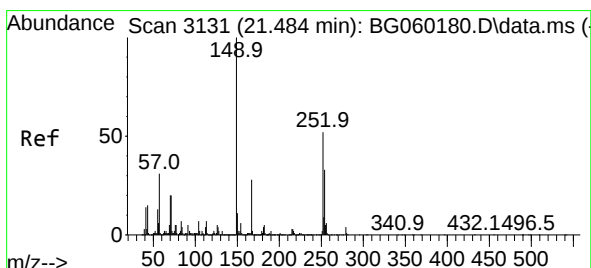
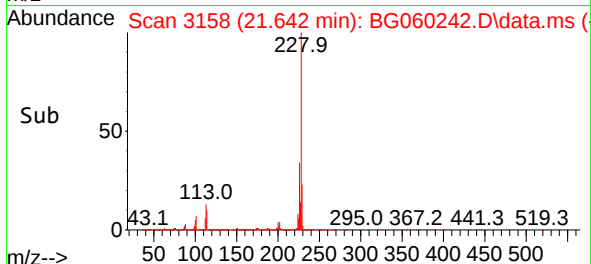
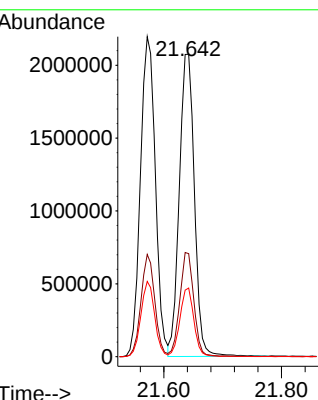
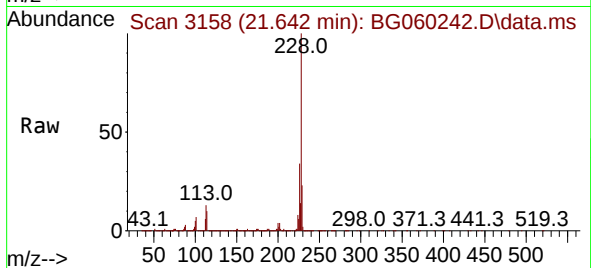
Tgt Ion:228 Resp: 3693705

Ion Ratio Lower Upper

228 100

226 34.1 26.8 40.2

229 22.7 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.145 ng

RT: 21.483 min Scan# 3131

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

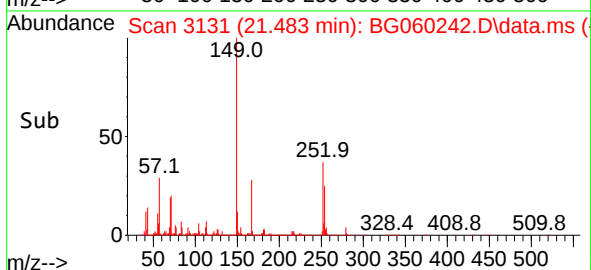
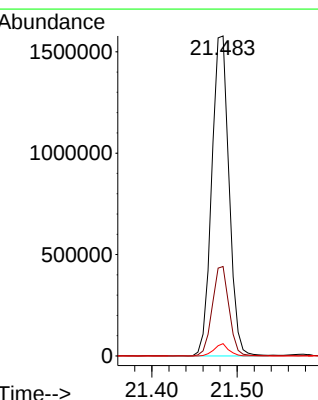
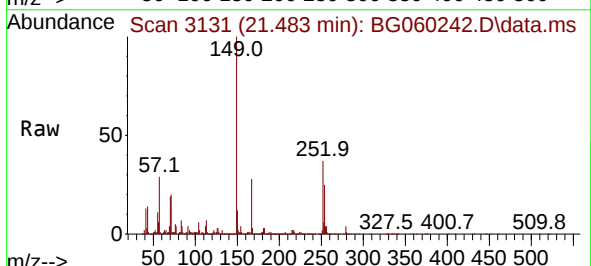
Tgt Ion:149 Resp: 2222456

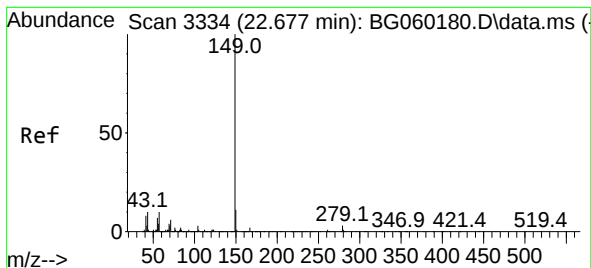
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.654 ng

RT: 22.676 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

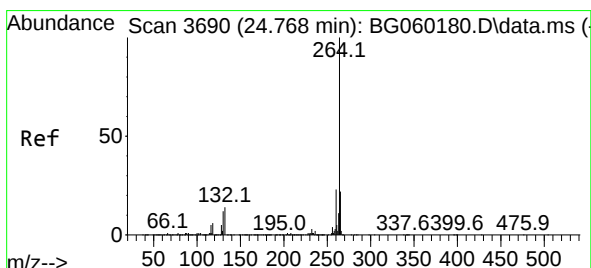
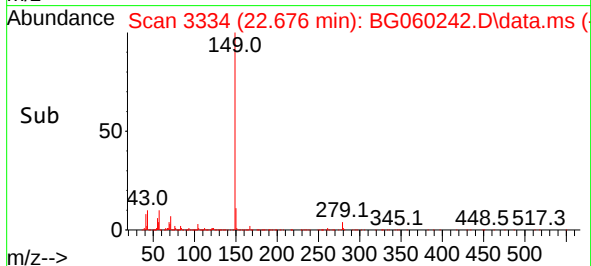
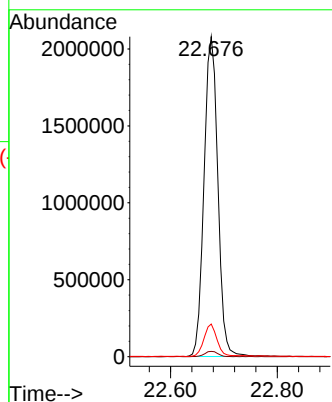
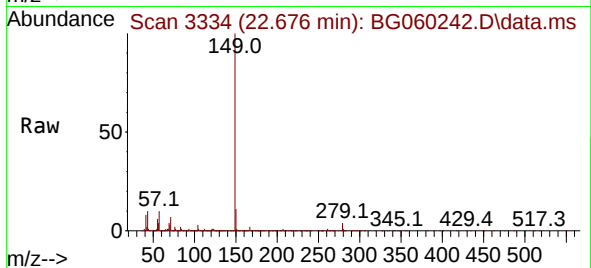
Tgt Ion:149 Resp: 3741224

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3690

Delta R.T. -0.001 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

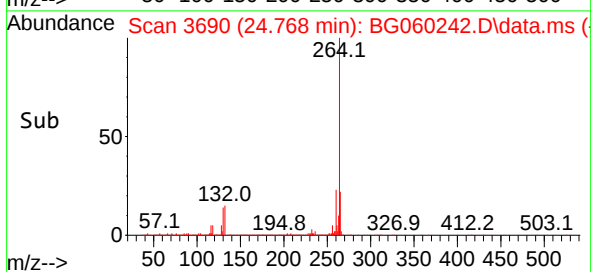
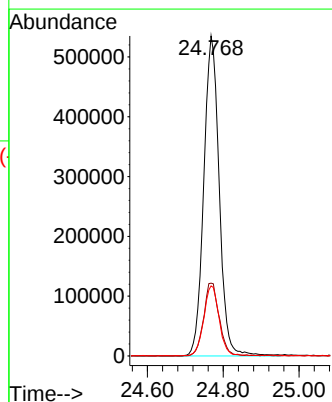
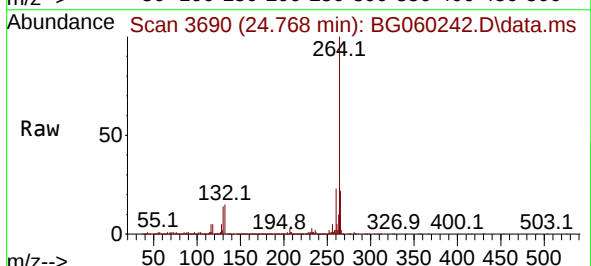
Tgt Ion:264 Resp: 1510573

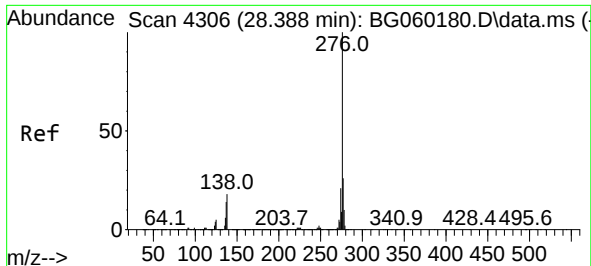
Ion Ratio Lower Upper

264 100

260 22.7 18.0 27.0

265 21.9 17.4 26.0

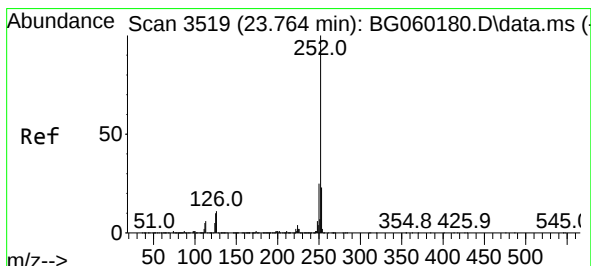
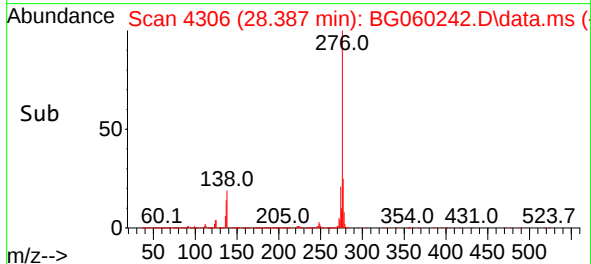
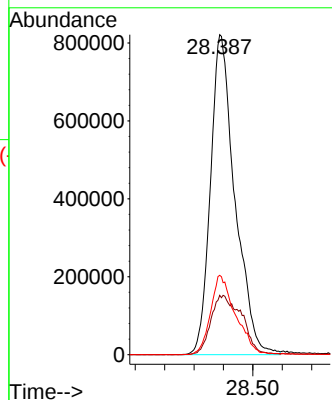
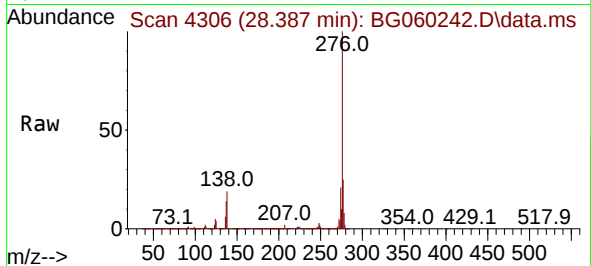




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.551 ng  
RT: 28.387 min Scan# 41  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

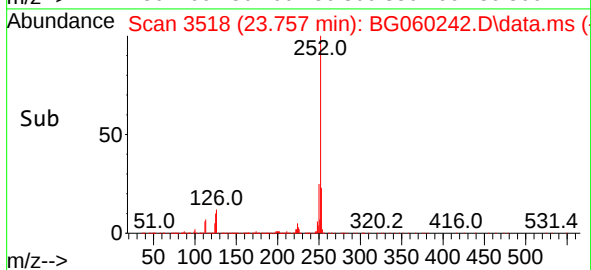
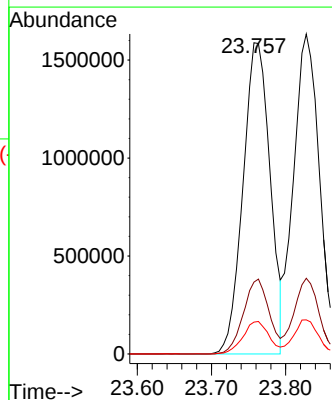
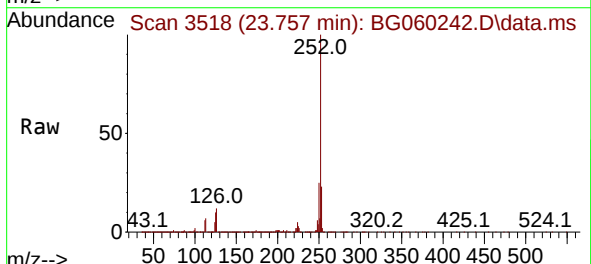
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

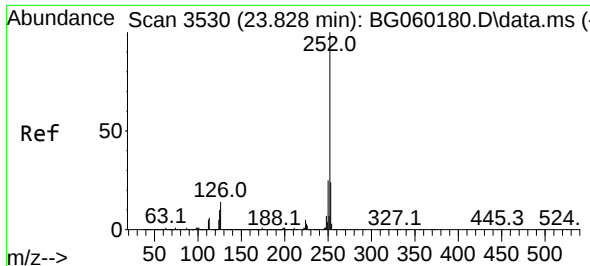
Tgt Ion:276 Resp: 4744612  
Ion Ratio Lower Upper  
276 100  
138 23.4 18.0 27.0  
277 25.4 20.0 30.0



#88  
Benzo(b)fluoranthene  
Concen: 44.452 ng  
RT: 23.757 min Scan# 3518  
Delta R.T. -0.006 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:252 Resp: 4035202  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.4 27.6  
125 10.2 8.0 12.0

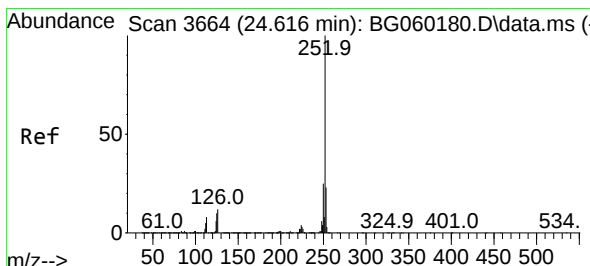
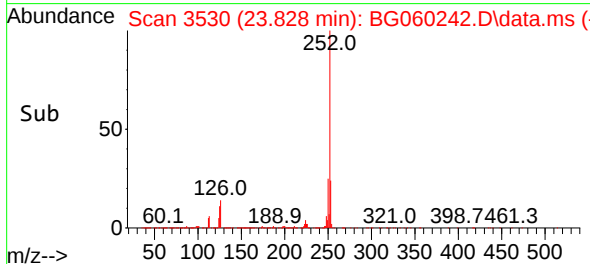
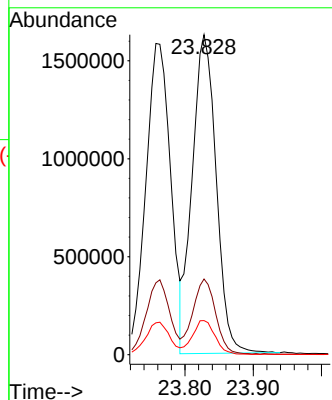
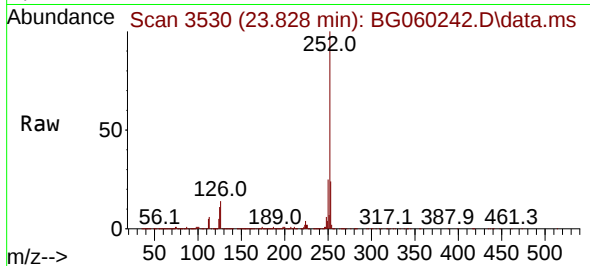




#89  
Benzo(k)fluoranthene  
Concen: 43.311 ng  
RT: 23.828 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

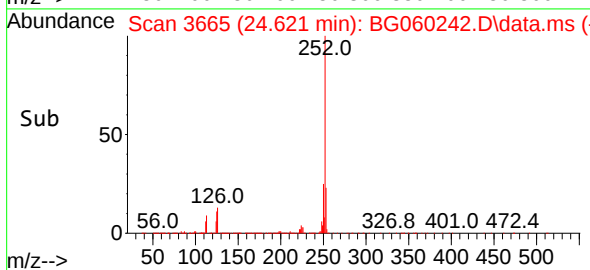
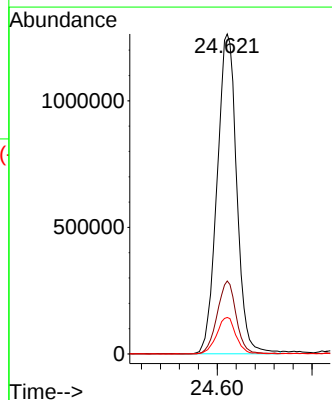
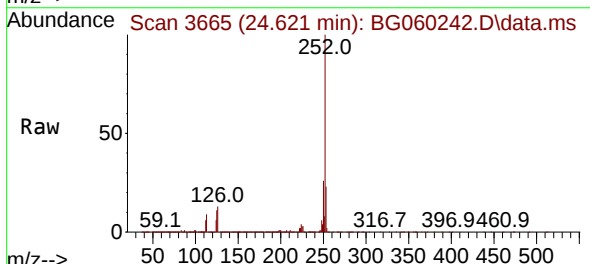
Instrument :  
BNA\_G  
ClientSampleId :  
PB158174BS

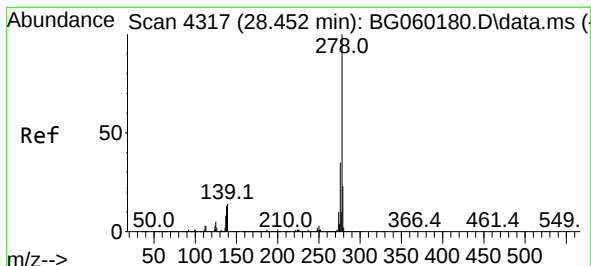
Tgt Ion:252 Resp: 3957149  
Ion Ratio Lower Upper  
252 100  
253 23.6 19.1 28.7  
125 10.7 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 44.220 ng  
RT: 24.621 min Scan# 3665  
Delta R.T. 0.005 min  
Lab File: BG060242.D  
Acq: 4 Jan 2024 12:57

Tgt Ion:252 Resp: 3631644  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.1 27.1  
125 11.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 45.684 ng

RT: 28.458 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Instrument :

BNA\_G

ClientSampleId :

PB158174BS

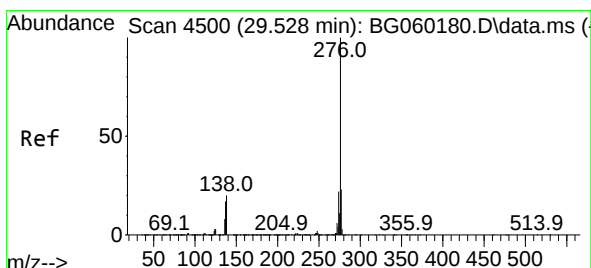
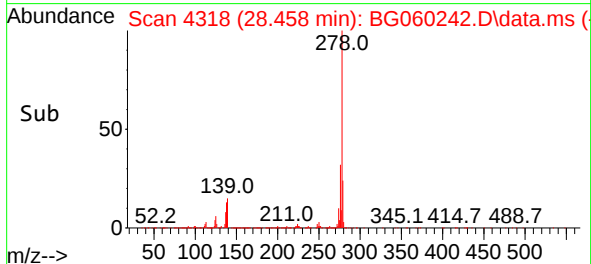
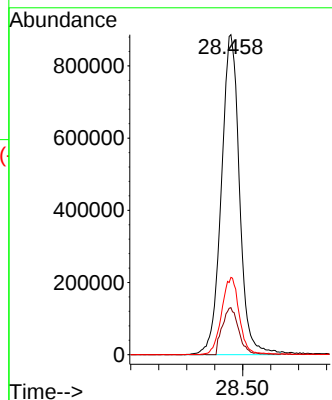
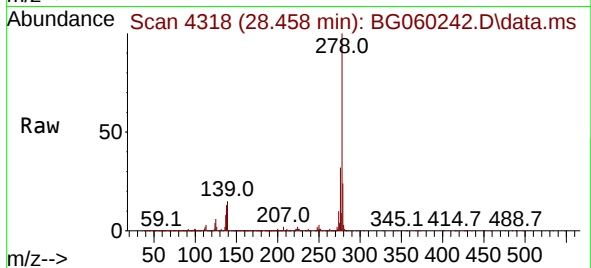
Tgt Ion:278 Resp: 3997587

Ion Ratio Lower Upper

278 100

139 14.7 11.0 16.4

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.456 ng

RT: 29.533 min Scan# 4501

Delta R.T. 0.005 min

Lab File: BG060242.D

Acq: 4 Jan 2024 12:57

Tgt Ion:276 Resp: 3851661

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 19.4 15.9 23.9

