

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG013024\  
 Data File : BG060480.D  
 Acq On : 30 Jan 2024 12:29  
 Operator : MA/JU  
 Sample : PB158666BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158666BS

Quant Time: Jan 30 13:05:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.918  | 152  | 188369   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.726 | 136  | 817923   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 631099   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 1649295  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.578 | 240  | 1562334  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.734 | 264  | 1557385  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.497  | 112  | 1429259  | 124.799 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.095  | 99   | 2098046  | 123.717 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 1274937  | 73.604  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 1197015  | 128.915 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.182 | 172  | 3307132  | 72.856  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.927 | 244  | 5076910  | 80.258  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.394  | 88   | 147959   | 28.283  | ng    | 95       |
| 3) Pyridine                   | 3.788  | 79   | 322431   | 21.845  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 139720   | 30.246  | ng    | 98       |
| 6) Aniline                    | 7.248  | 93   | 500449   | 29.524  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.489  | 128  | 497733   | 43.853  | ng    | 94       |
| 9) Benzaldehyde               | 7.066  | 77   | 52158    | 5.358   | ng    | 89       |
| 10) Phenol                    | 7.119  | 94   | 761153   | 44.766  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.342  | 93   | 517627   | 37.360  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.812  | 146  | 530504   | 37.238  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.959  | 146  | 538756   | 37.273  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.276  | 146  | 543713   | 36.581  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.159  | 79   | 507403   | 46.222  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.447  | 45   | 692297   | 41.168  | ng    | 97       |
| 17) 2-Methylphenol            | 8.364  | 107  | 510869   | 43.744  | ng    | 99       |
| 18) Hexachloroethane          | 8.999  | 117  | 187456   | 36.988  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.729  | 70   | 471393   | 40.163  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.694  | 107  | 719567   | 45.698  | ng    | 98       |
| 22) Acetophenone              | 8.746  | 105  | 895891   | 39.847  | ng    | # 99     |
| 24) Nitrobenzene              | 9.128  | 77   | 661880   | 36.861  | ng    | 97       |
| 25) Isophorone                | 9.645  | 82   | 1326536  | 38.135  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.839  | 139  | 303549   | 45.977  | ng    | # 95     |
| 27) 2,4-Dimethylphenol        | 9.898  | 122  | 547055   | 62.708  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.133 | 93   | 806505   | 37.946  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.374 | 162  | 630486   | 44.598  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.585 | 180  | 651047   | 37.017  | ng    | 95       |
| 31) Naphthalene               | 10.773 | 128  | 1612778  | 37.616  | ng    | 99       |
| 32) Benzoic acid              | 10.057 | 122  | 350873   | 46.066  | ng    | 89       |
| 33) 4-Chloroaniline           | 10.885 | 127  | 409885   | 24.811  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.055 | 225  | 422182   | 36.849  | ng    | 97       |
| 35) Caprolactam               | 11.667 | 113  | 100007   | 21.964  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.013 | 107  | 662127   | 46.104  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.383 | 142  | 1256003  | 39.499  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.601 | 142  | 1195750  | 37.448  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 870078   | 38.819  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.730 | 237  | 798659   | 107.325 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.994 | 196  | 621579   | 43.577  | ng    | 98       |

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 Sample : PB158666BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

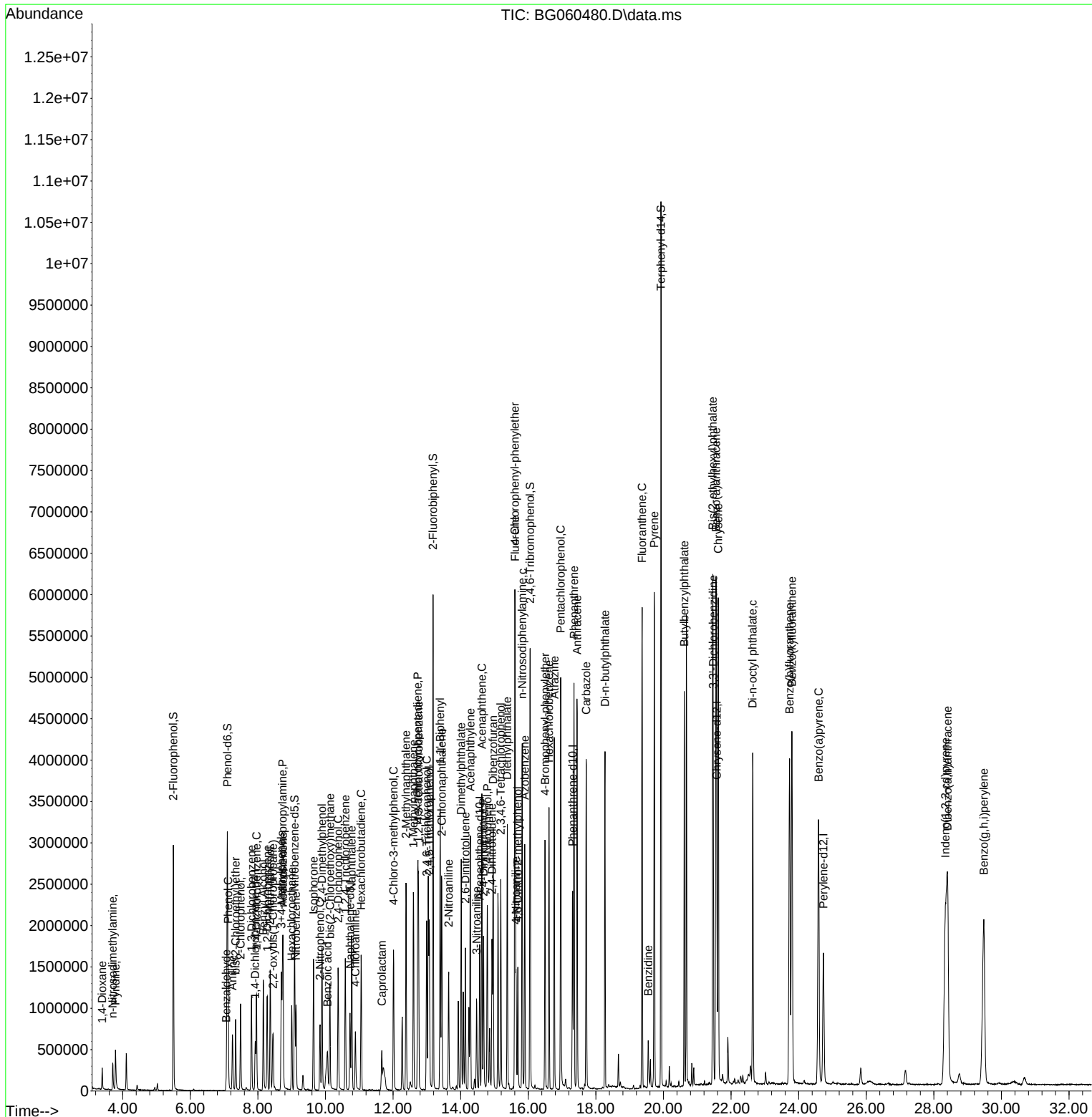
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158666BS

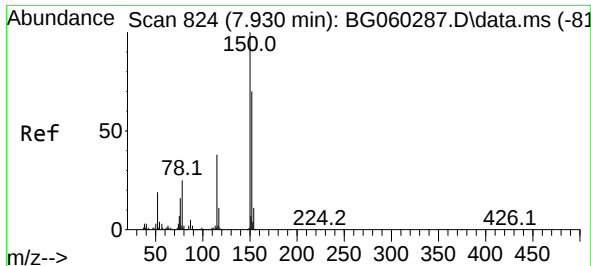
Quant Time: Jan 30 13:05:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.071 | 196  | 702651   | 44.662 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.394 | 154  | 1855473  | 38.950 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.441 | 162  | 1498318  | 36.714 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.647 | 65   | 452317   | 44.504 | ng    | 93       |
| 49) Acenaphthylene            | 14.287 | 152  | 2309317  | 41.092 | ng    | 99       |
| 50) Dimethylphthalate         | 14.017 | 163  | 1979120  | 41.037 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 450803   | 43.806 | ng    | 99       |
| 52) Acenaphthene              | 14.628 | 154  | 1381489  | 39.478 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 311690   | 33.240 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 561080   | 88.860 | ng    | 97       |
| 55) Dibenzofuran              | 14.963 | 168  | 2330499  | 39.894 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.792 | 139  | 691489   | 99.420 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 633522   | 44.893 | ng    | 93       |
| 58) Fluorene                  | 15.609 | 166  | 1906536  | 39.411 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 655133   | 49.038 | ng    | 98       |
| 60) Diethylphthalate          | 15.380 | 149  | 1910007  | 41.253 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.603 | 204  | 1069473  | 40.131 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.638 | 138  | 436739   | 43.761 | ng    | 97       |
| 63) Azobenzene                | 15.897 | 77   | 1801855  | 38.477 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 198  | 422923   | 46.352 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.820 | 169  | 1779815  | 40.642 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.496 | 248  | 740196   | 40.844 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.614 | 284  | 825140   | 38.465 | ng    | 98       |
| 69) Atrazine                  | 16.772 | 200  | 950019   | 57.532 | ng    | 99       |
| 70) Pentachlorophenol         | 16.960 | 266  | 1135354  | 98.189 | ng    | 94       |
| 71) Phenanthrene              | 17.354 | 178  | 3272078  | 41.045 | ng    | 98       |
| 72) Anthracene                | 17.442 | 178  | 3284287  | 41.264 | ng    | 97       |
| 73) Carbazole                 | 17.712 | 167  | 2984806  | 39.779 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.271 | 149  | 3161588  | 40.950 | ng    | 99       |
| 75) Fluoranthene              | 19.369 | 202  | 3779544  | 39.473 | ng    | 93       |
| 77) Benzidine                 | 19.551 | 184  | 474809   | 13.989 | ng    | 98       |
| 78) Pyrene                    | 19.728 | 202  | 3883992  | 38.929 | ng    | 94       |
| 80) Butylbenzylphthalate      | 20.615 | 149  | 1487648  | 43.340 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.555 | 228  | 3990824  | 41.262 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.473 | 252  | 1340426  | 36.188 | ng    | 99       |
| 83) Chrysene                  | 21.620 | 228  | 3776362  | 39.699 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.461 | 149  | 2158728  | 41.619 | ng #  | 97       |
| 85) Di-n-octyl phthalate      | 22.642 | 149  | 3633810  | 43.232 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.347 | 276  | 4946831  | 45.683 | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 23.735 | 252  | 4242231  | 46.109 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.799 | 252  | 4216207  | 46.439 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.593 | 252  | 3771481  | 45.378 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.406 | 278  | 4142541  | 46.843 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.481 | 276  | 4081716  | 45.034 | ng    | 96       |

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

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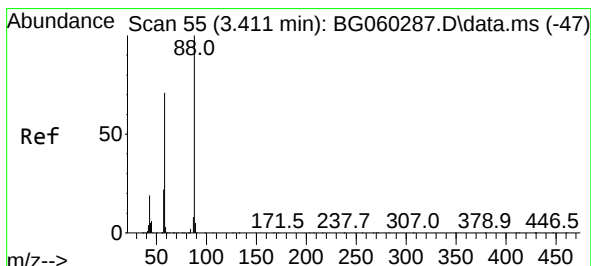
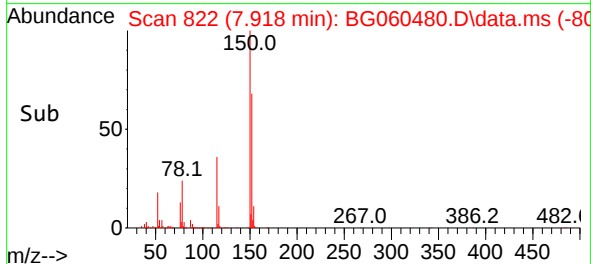
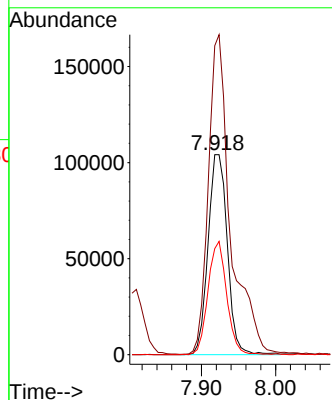
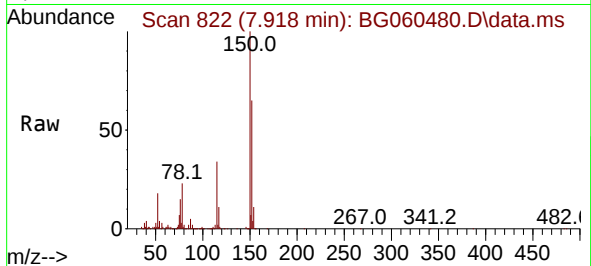




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.918 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

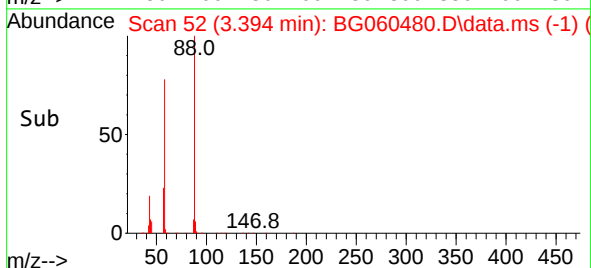
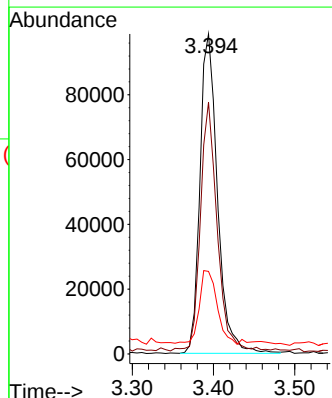
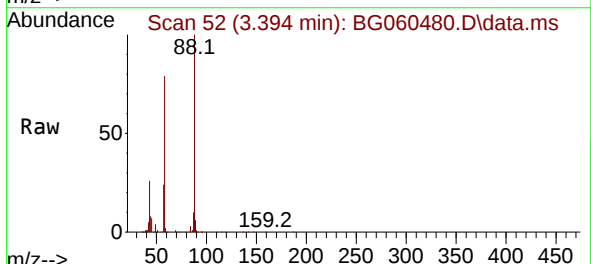
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158666BS

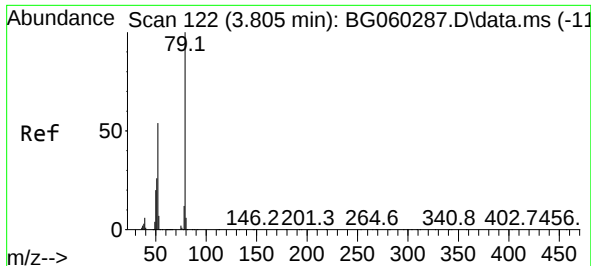
Tgt Ion:152 Resp: 188369  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 114.5 171.7  
 115 53.1 43.0 64.6



#2  
 1,4-Dioxane  
 Concen: 28.283 ng  
 RT: 3.394 min Scan# 52  
 Delta R.T. -0.018 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

Tgt Ion: 88 Resp: 147959  
 Ion Ratio Lower Upper  
 88 100  
 58 74.3 55.9 83.9  
 43 23.3 16.6 24.8





#3

Pyridine

Concen: 21.845 ng

RT: 3.788 min Scan# 119

Delta R.T. -0.017 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

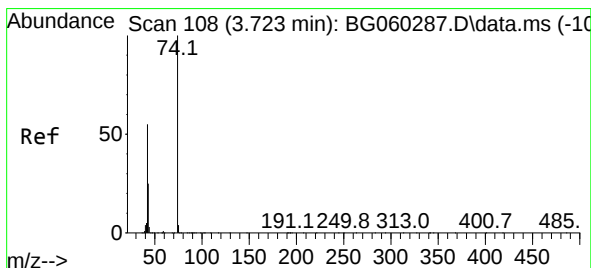
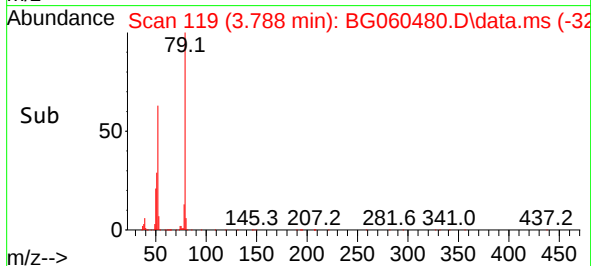
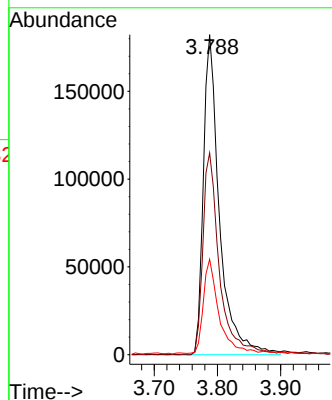
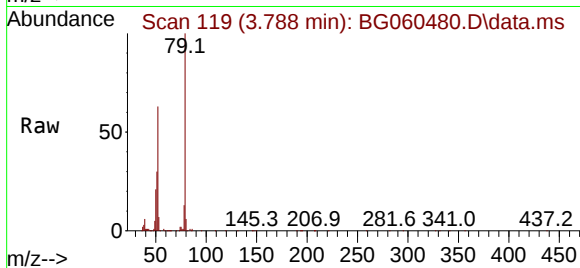
Tgt Ion: 79 Resp: 322431

Ion Ratio Lower Upper

79 100

52 63.1 43.2 64.8

51 29.8 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 30.246 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.017 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

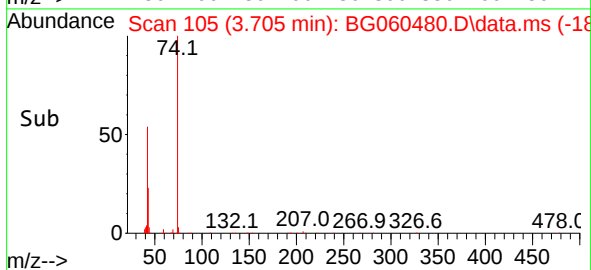
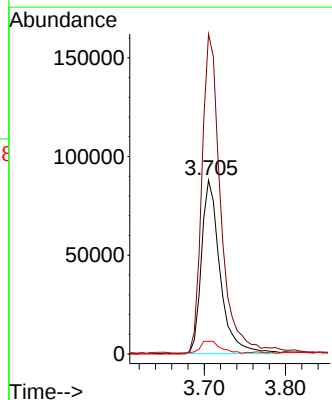
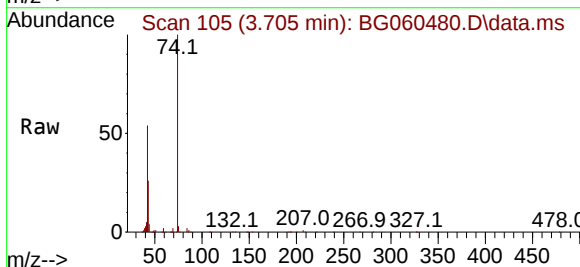
Tgt Ion: 42 Resp: 139720

Ion Ratio Lower Upper

42 100

74 184.1 145.1 217.7

44 7.3 5.2 7.8

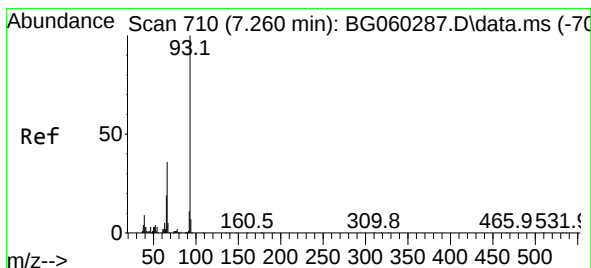
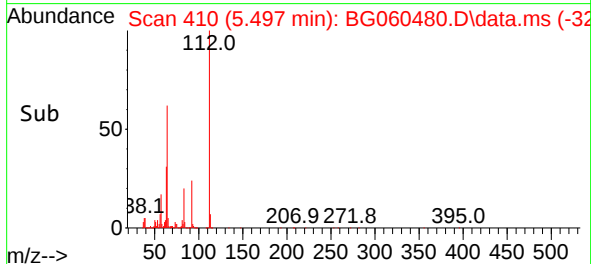
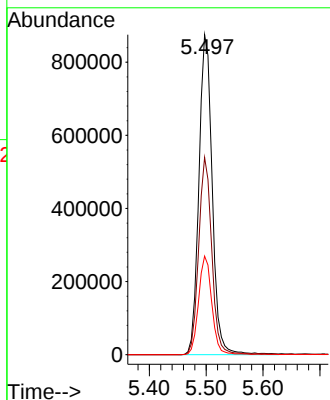
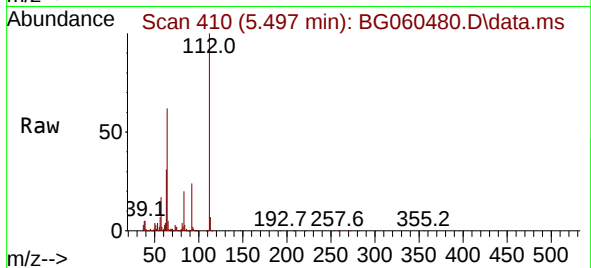




#5  
2-Fluorophenol  
Concen: 124.799 ng  
RT: 5.497 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

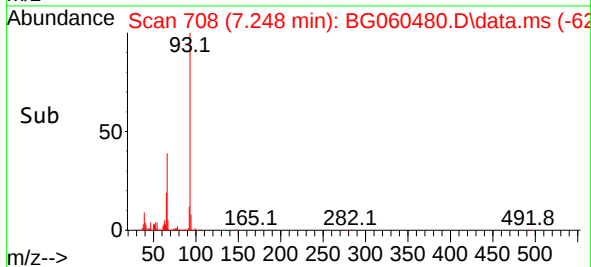
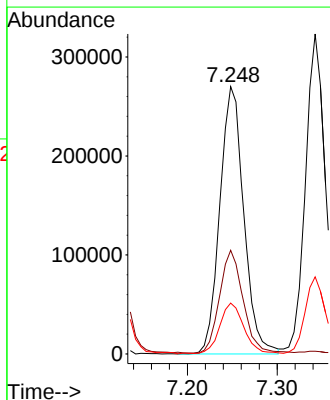
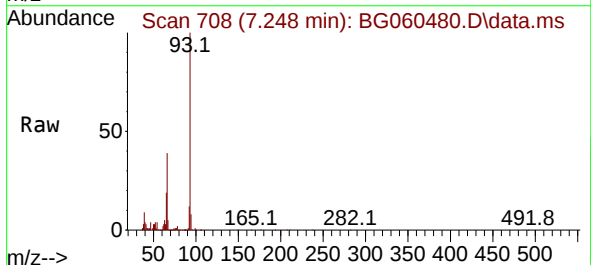
Instrument :  
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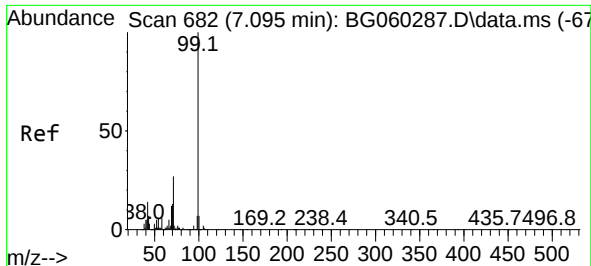
Tgt Ion:112 Resp: 1429259  
Ion Ratio Lower Upper  
112 100  
64 61.7 49.8 74.6  
63 30.8 24.4 36.6



#6  
Aniline  
Concen: 29.524 ng  
RT: 7.248 min Scan# 708  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 93 Resp: 500449  
Ion Ratio Lower Upper  
93 100  
66 38.8 29.0 43.4  
65 19.0 15.1 22.7



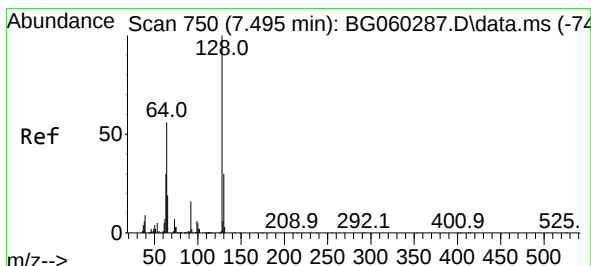
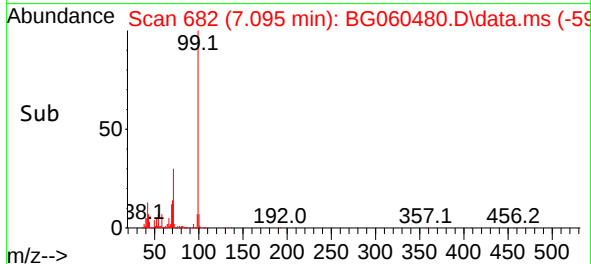
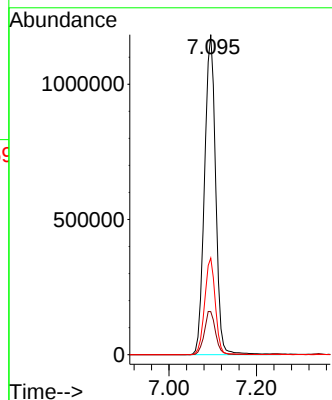
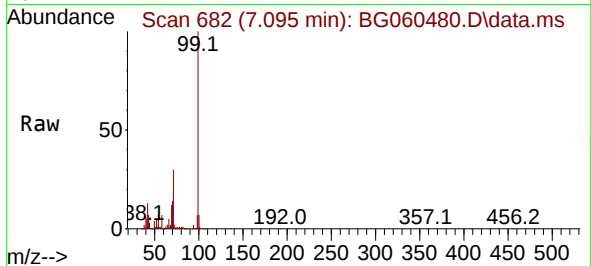


#7  
Phenol-d6  
Concen: 123.717 ng  
RT: 7.095 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion: 99 Resp: 2098046

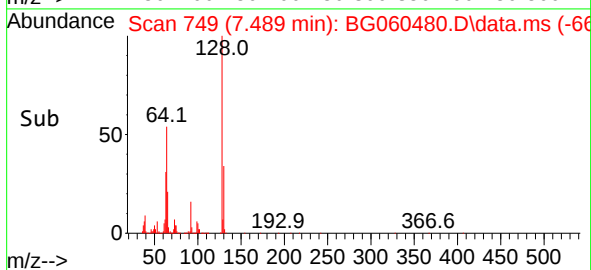
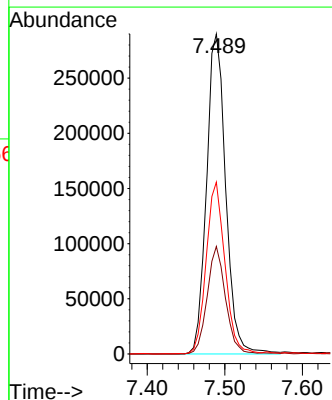
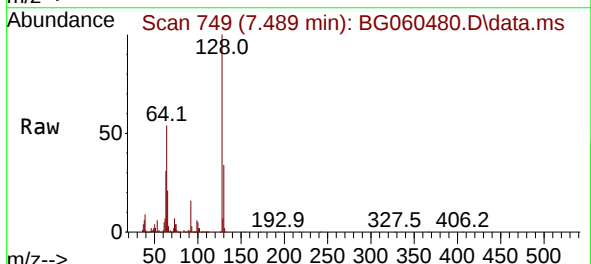
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.4  | 10.9  | 16.3  |
| 71  | 30.2  | 21.5  | 32.3  |

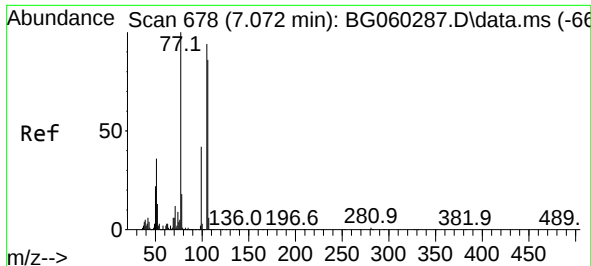


#8  
2-Chlorophenol  
Concen: 43.853 ng  
RT: 7.489 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 128 Resp: 497733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.6  | 9.9   | 49.9  |
| 64  | 53.7  | 37.8  | 77.8  |

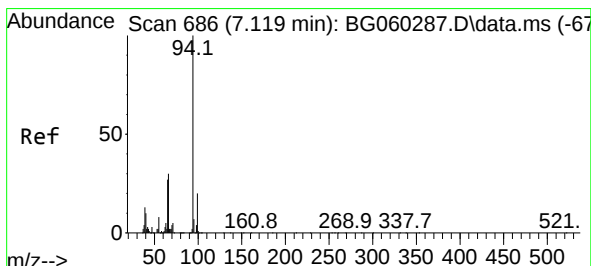
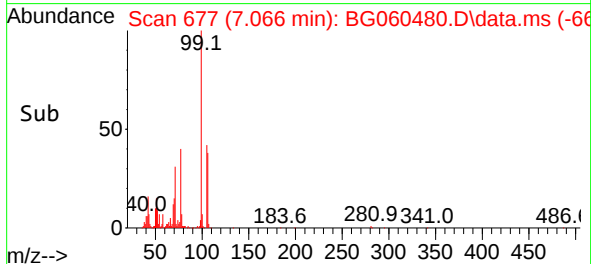
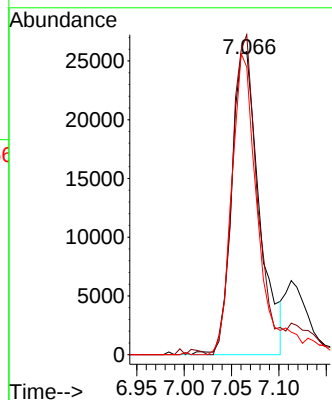
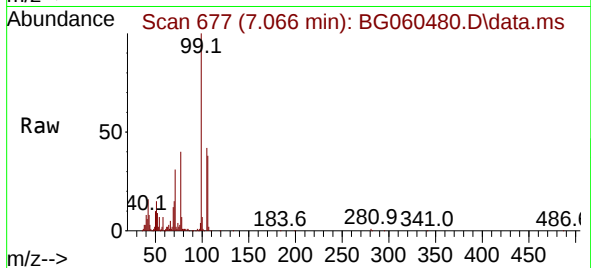




#9  
Benzaldehyde  
Concen: 5.358 ng  
RT: 7.066 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

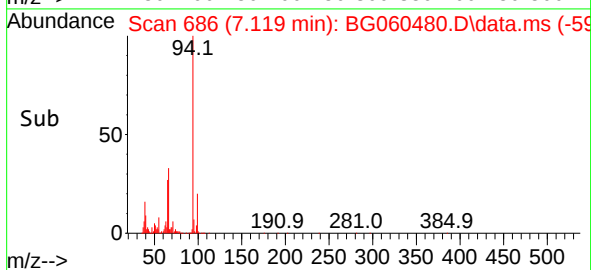
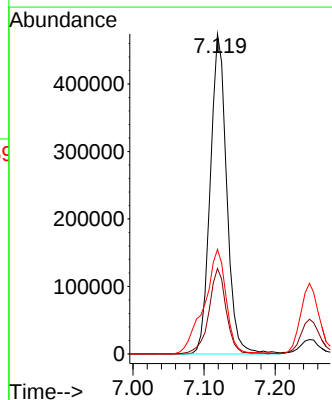
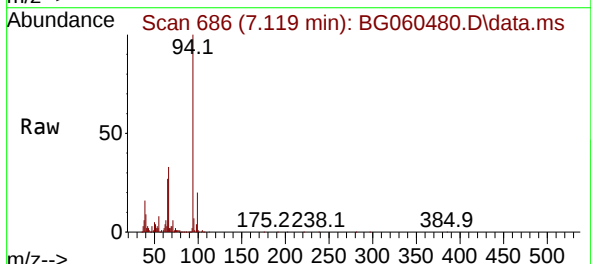
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

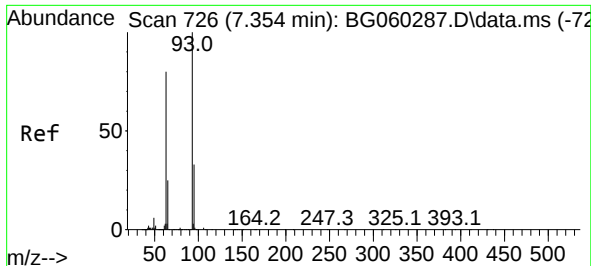
Tgt Ion: 77 Resp: 52158  
Ion Ratio Lower Upper  
77 100  
105 105.6 73.6 113.6  
106 95.0 66.2 106.2



#10  
Phenol  
Concen: 44.766 ng  
RT: 7.119 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 94 Resp: 761153  
Ion Ratio Lower Upper  
94 100  
65 26.7 6.7 46.7  
66 32.7 10.6 50.6

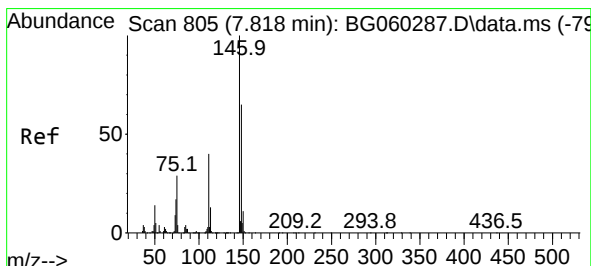
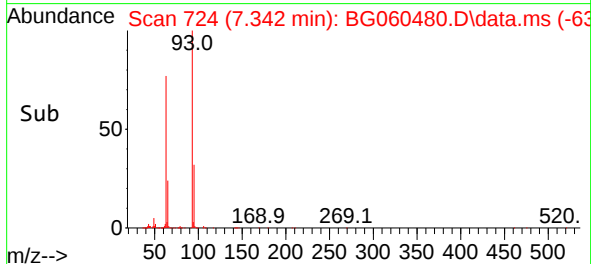
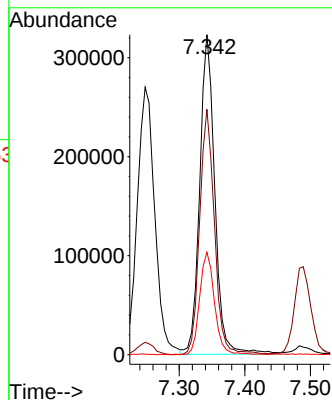
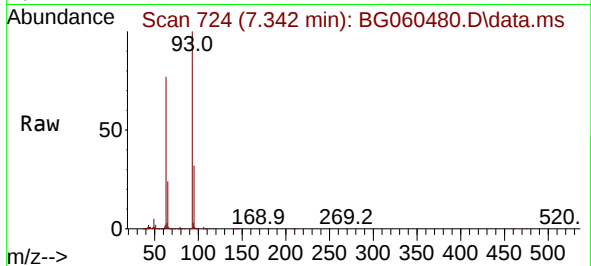




#11  
bis(2-Chloroethyl)ether  
Concen: 37.360 ng  
RT: 7.342 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

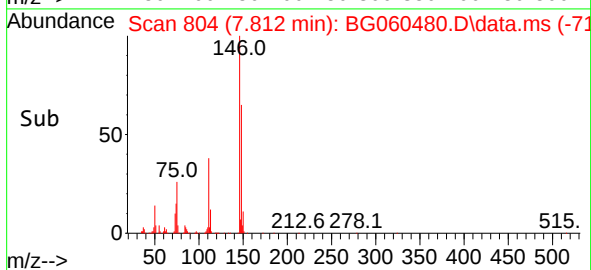
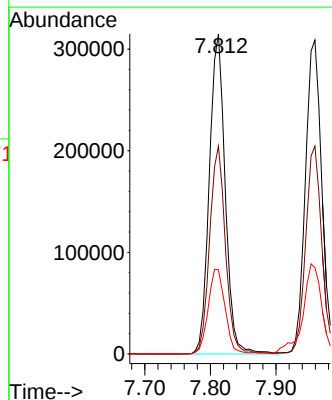
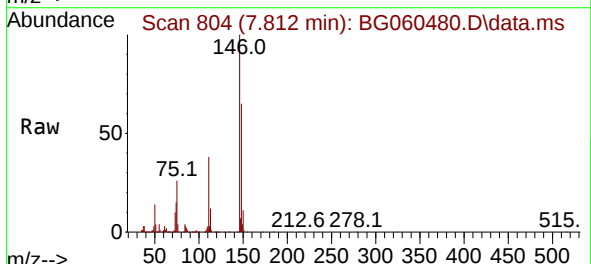
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion: 93 Resp: 517627  
Ion Ratio Lower Upper  
93 100  
63 76.7 59.3 99.3  
95 32.0 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 37.238 ng  
RT: 7.812 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:146 Resp: 530504  
Ion Ratio Lower Upper  
146 100  
148 64.9 52.3 78.5  
75 26.3 22.9 34.3

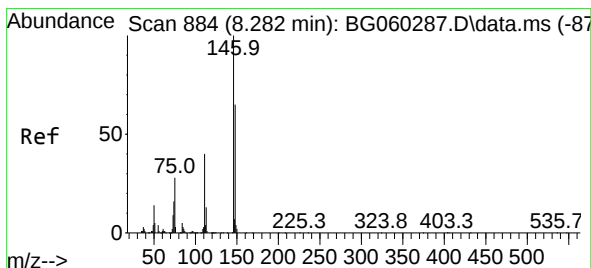
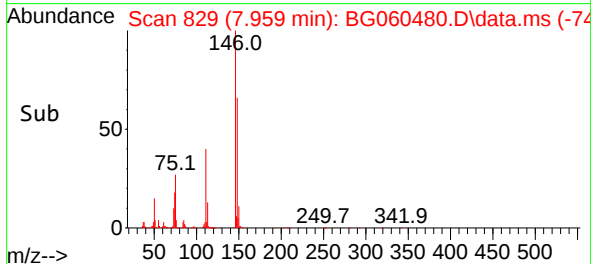
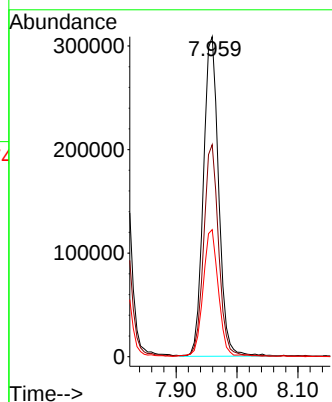
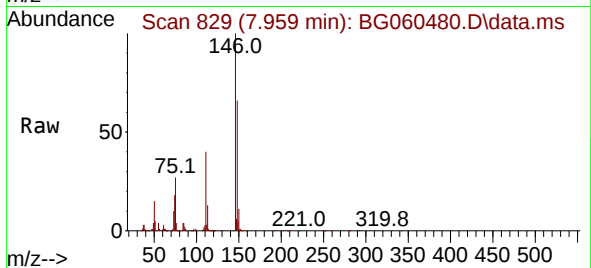




#13  
1,4-Dichlorobenzene  
Concen: 37.273 ng  
RT: 7.959 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

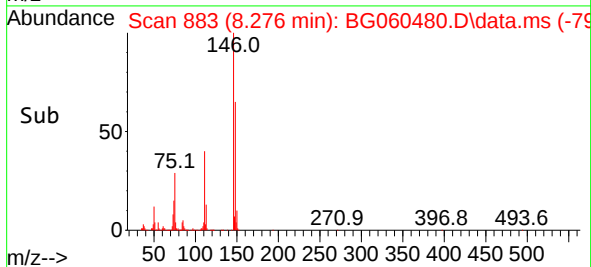
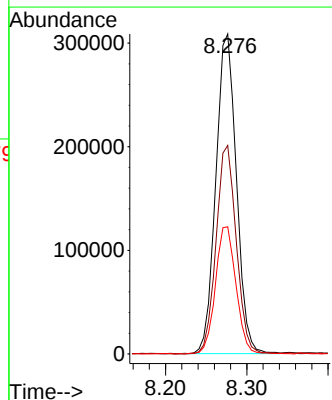
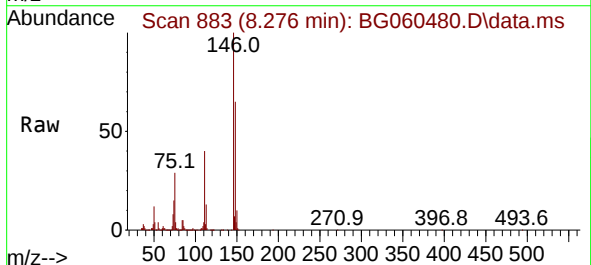
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

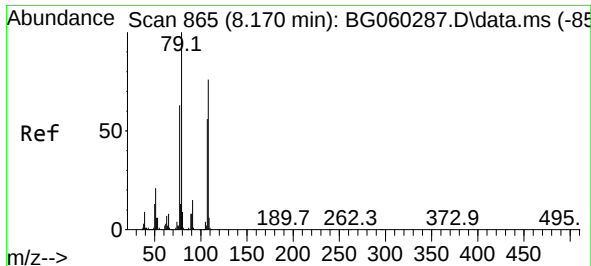
Tgt Ion:146 Resp: 538756  
Ion Ratio Lower Upper  
146 100  
148 66.2 52.7 79.1  
111 39.7 31.4 47.0



#14  
1,2-Dichlorobenzene  
Concen: 36.581 ng  
RT: 8.276 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:146 Resp: 543713  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.8 77.8  
111 39.7 32.6 48.8

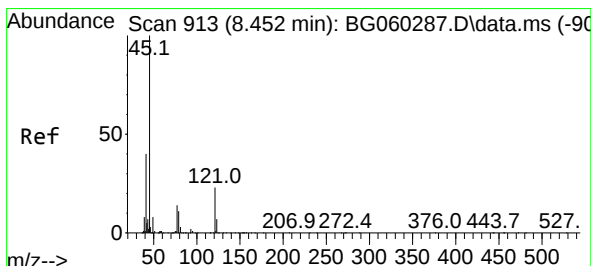
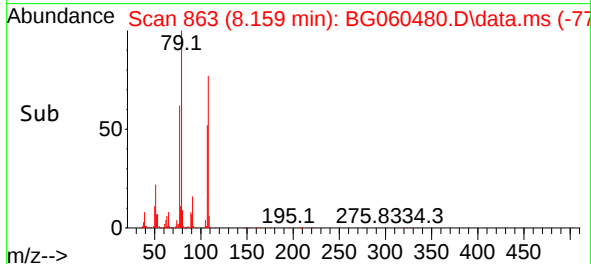
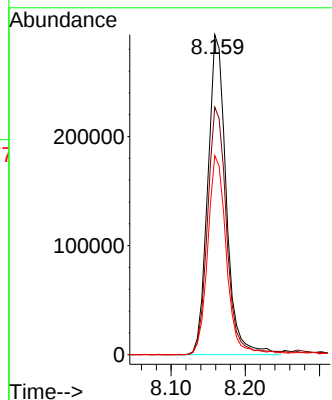
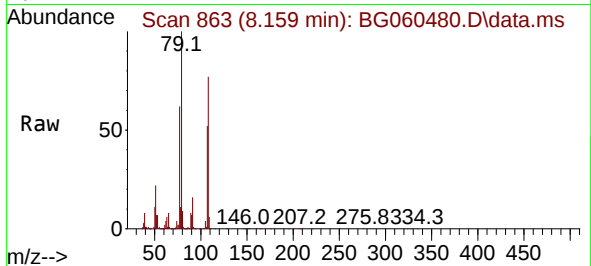




#15  
Benzyl Alcohol  
Concen: 46.222 ng  
RT: 8.159 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

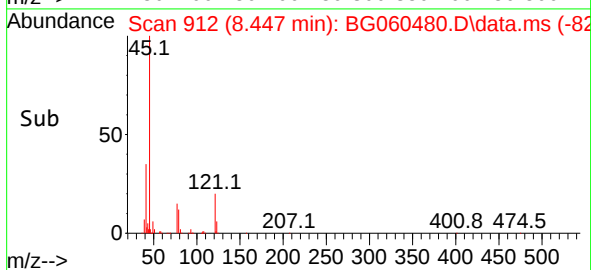
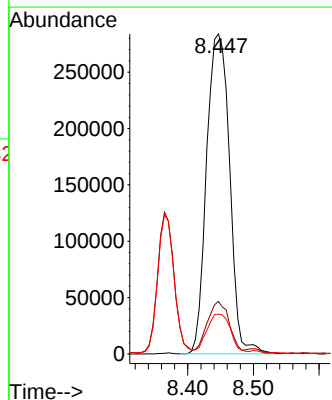
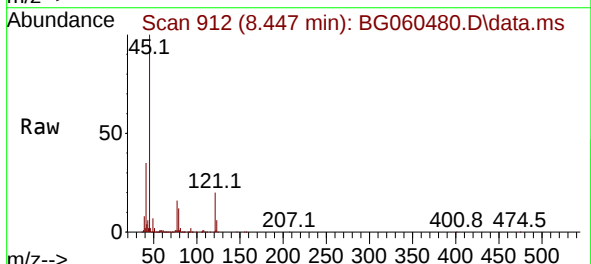
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

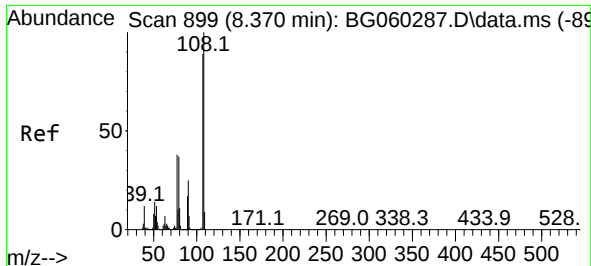
Tgt Ion: 79 Resp: 507403  
Ion Ratio Lower Upper  
79 100  
108 77.3 61.2 91.8  
77 62.2 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.168 ng  
RT: 8.447 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 45 Resp: 692297  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 37.3  
79 12.4 0.0 34.0

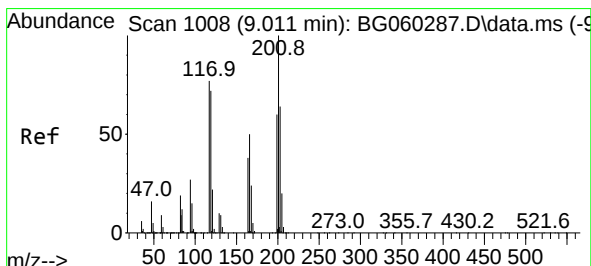
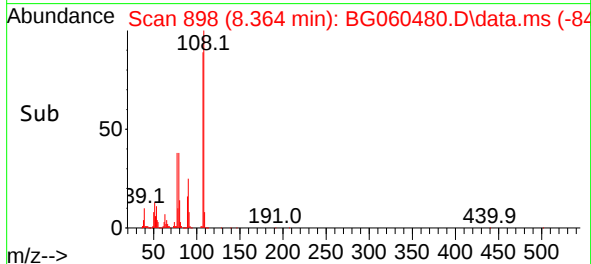
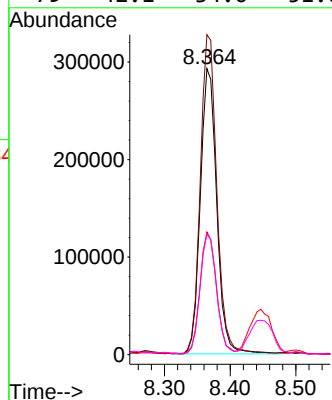
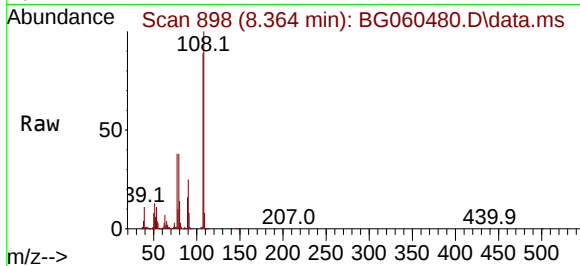




#17  
2-Methylphenol  
Concen: 43.744 ng  
RT: 8.364 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

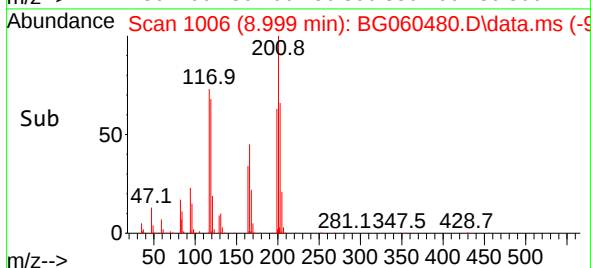
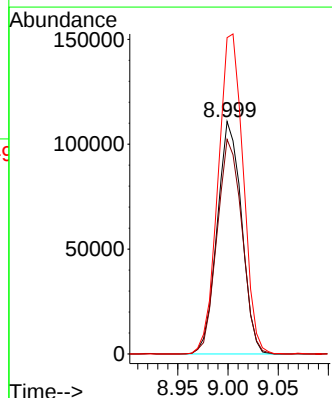
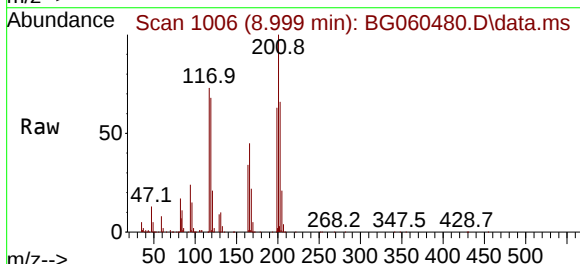
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

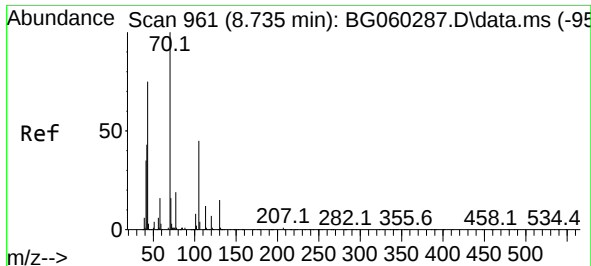
Tgt Ion:107 Resp: 510869  
Ion Ratio Lower Upper  
107 100  
108 111.8 90.5 135.7  
77 42.9 35.0 52.6  
79 42.1 34.0 51.0



#18  
Hexachloroethane  
Concen: 36.988 ng  
RT: 8.999 min Scan# 1006  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:117 Resp: 187456  
Ion Ratio Lower Upper  
117 100  
119 92.3 74.5 111.7  
201 136.1 106.3 159.5



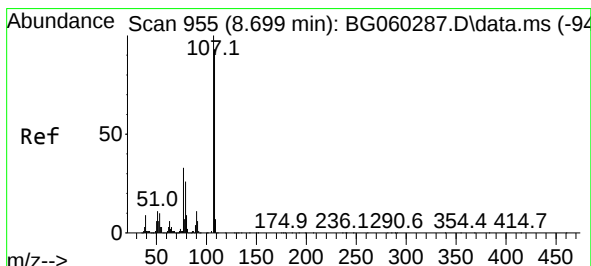
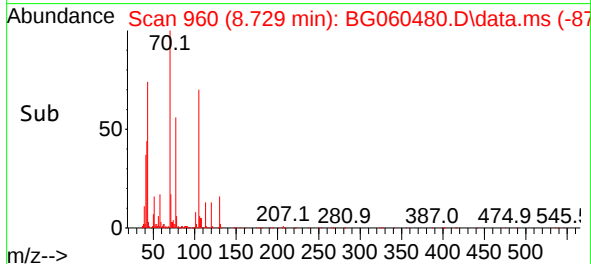
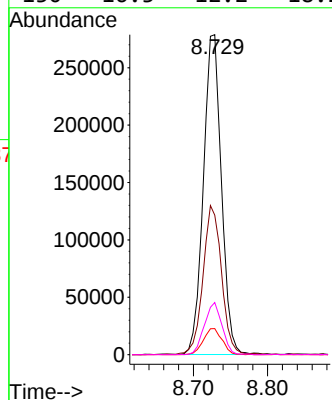
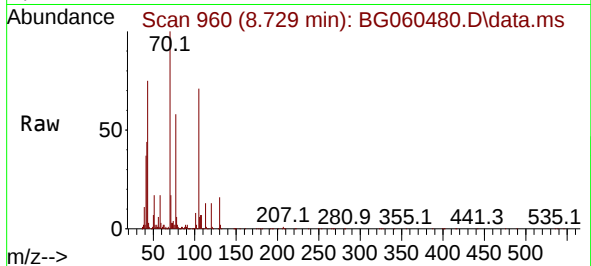


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.163 ng  
RT: 8.729 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion: 70 Resp: 471393

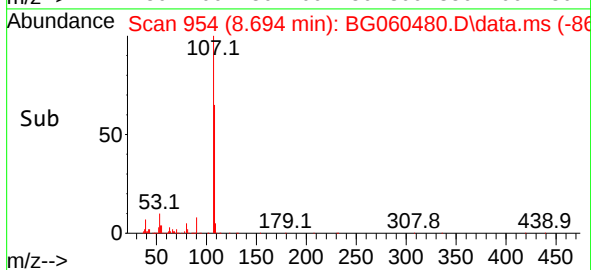
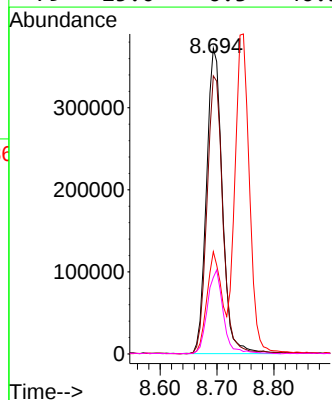
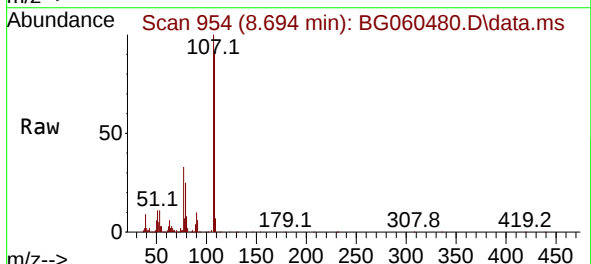
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 43.6  | 34.3  | 51.5  |
| 101 | 8.1   | 6.2   | 9.2   |
| 130 | 16.3  | 12.2  | 18.2  |



#20  
3+4-Methylphenols  
Concen: 45.698 ng  
RT: 8.694 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 107 Resp: 719567

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.9  | 72.5  | 112.5 |
| 77  | 33.4  | 13.0  | 53.0  |
| 79  | 25.0  | 6.3   | 46.3  |

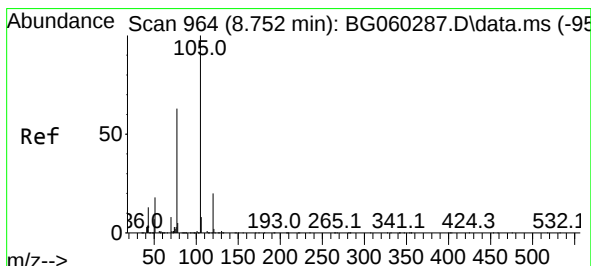
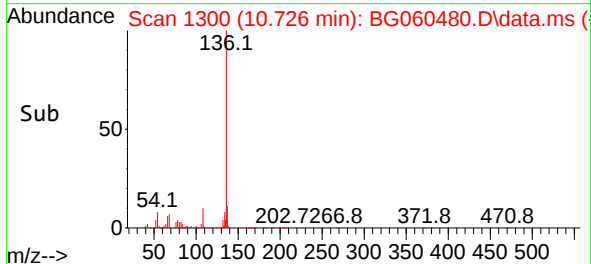
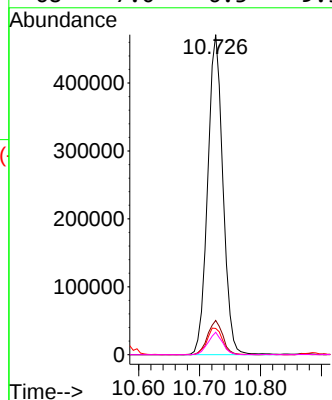
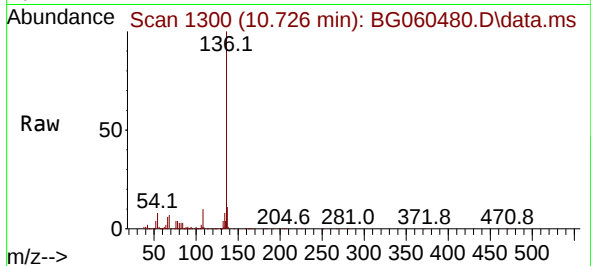




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.726 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

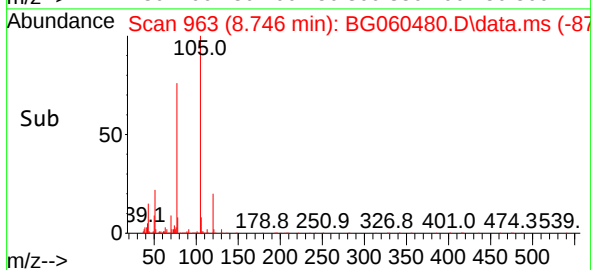
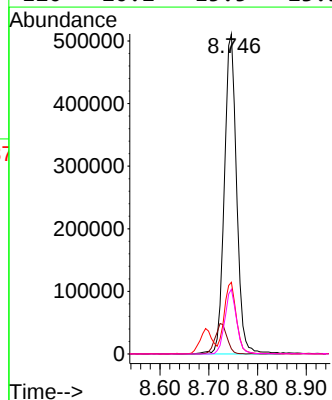
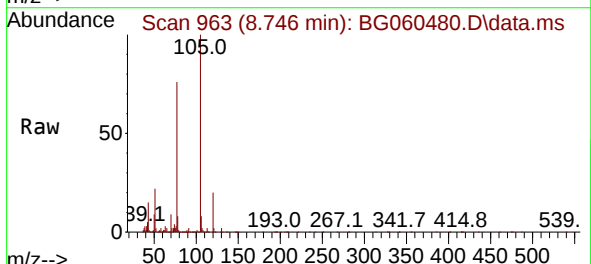
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

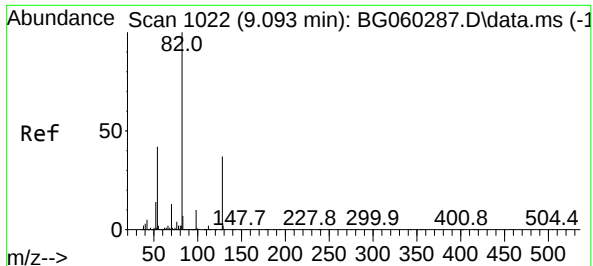
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 817923 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 10.7    | 8.2   | 12.4   |
| 54  | 8.2     | 6.2   | 9.2    |
| 68  | 7.0     | 6.3   | 9.5    |



#22  
Acetophenone  
Concen: 39.847 ng  
RT: 8.746 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 895891 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.6     | 1.7   | 2.5#   |
| 51  | 22.4    | 18.2  | 27.2   |
| 120 | 20.2    | 15.5  | 23.3   |

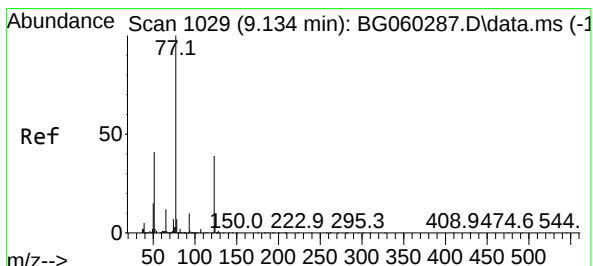
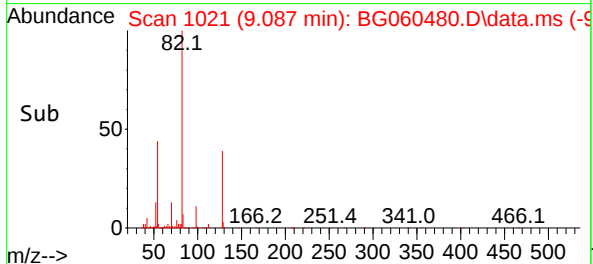
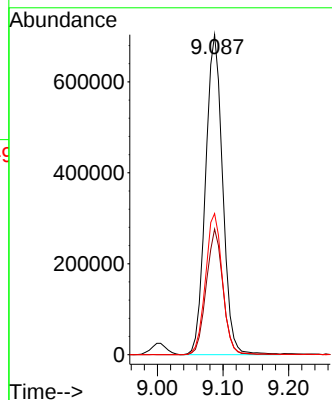
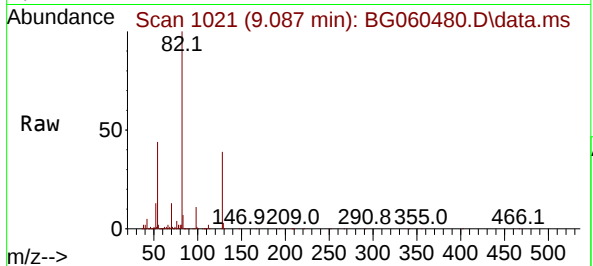




#23  
Nitrobenzene-d5  
Concen: 73.604 ng  
RT: 9.087 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

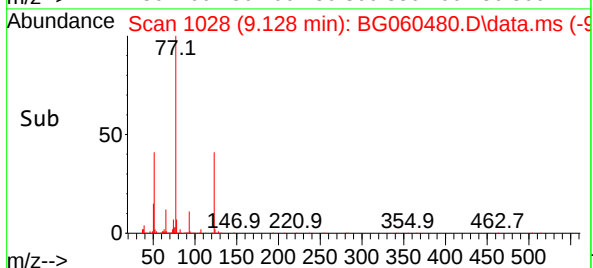
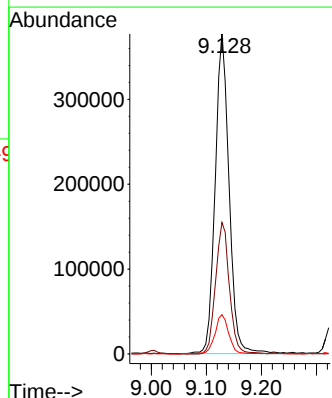
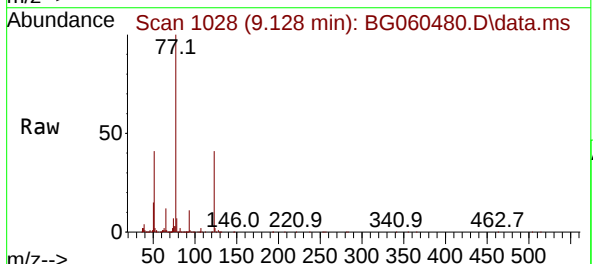
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

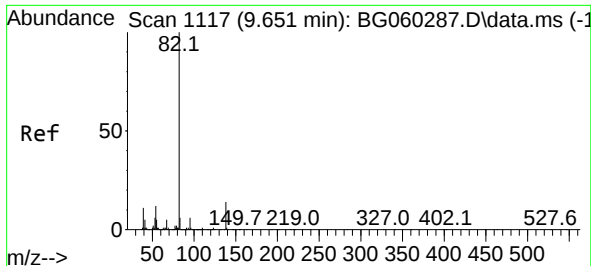
Tgt Ion: 82 Resp: 1274937  
Ion Ratio Lower Upper  
82 100  
128 39.3 29.6 44.4  
54 44.1 33.6 50.4



#24  
Nitrobenzene  
Concen: 36.861 ng  
RT: 9.128 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 77 Resp: 661880  
Ion Ratio Lower Upper  
77 100  
123 41.1 31.4 47.0  
65 12.3 9.6 14.4

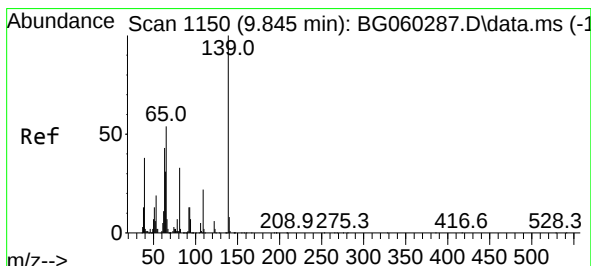
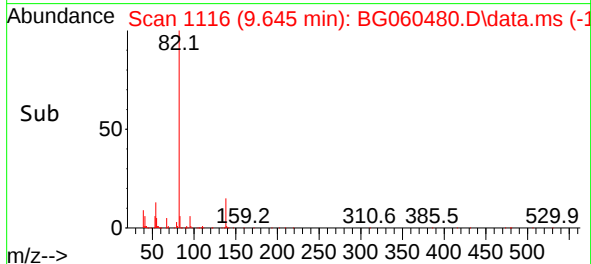
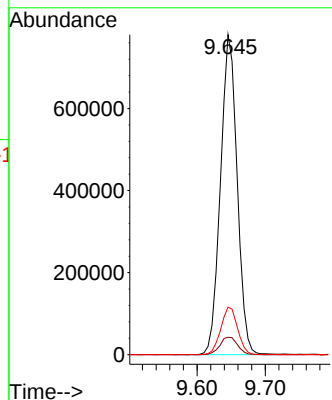
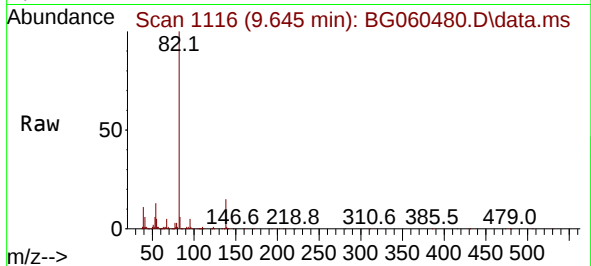




#25  
Isophorone  
Concen: 38.135 ng  
RT: 9.645 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

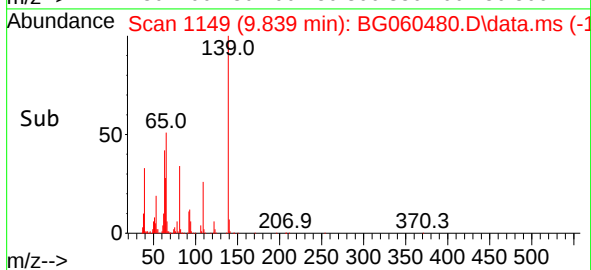
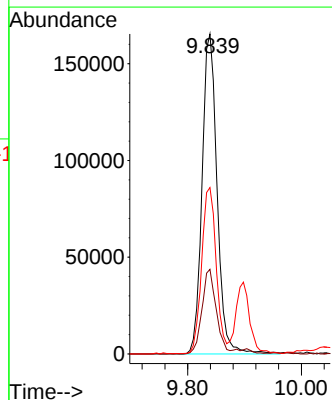
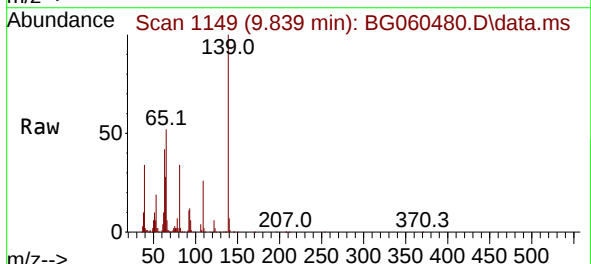
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

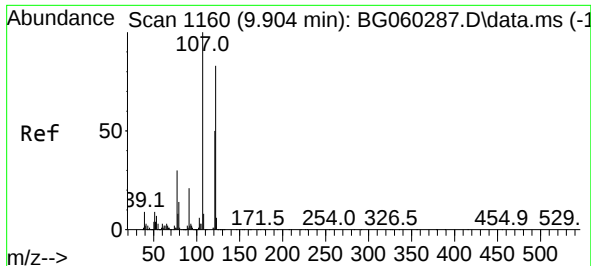
Tgt Ion: 82 Resp: 1326536  
Ion Ratio Lower Upper  
82 100  
95 5.4 4.7 7.1  
138 14.9 11.1 16.7



#26  
2-Nitrophenol  
Concen: 45.977 ng  
RT: 9.839 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:139 Resp: 303549  
Ion Ratio Lower Upper  
139 100  
109 26.5 17.6 26.4#  
65 52.0 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 62.708 ng

RT: 9.898 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

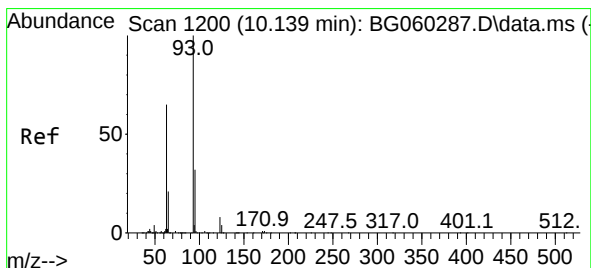
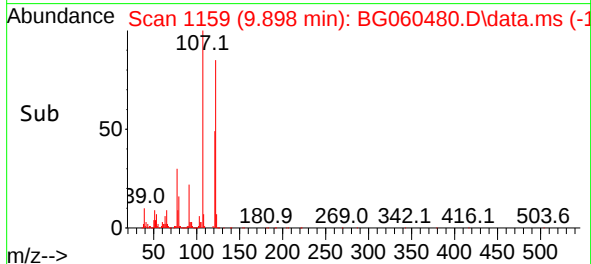
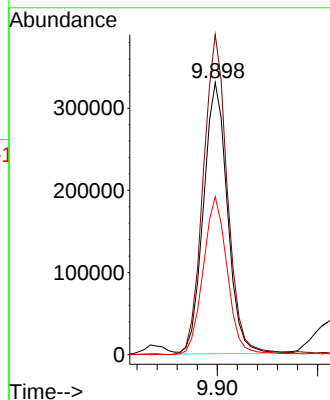
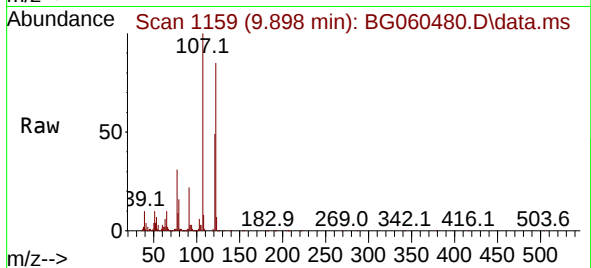
Tgt Ion:122 Resp: 547055

Ion Ratio Lower Upper

122 100

107 117.7 95.4 143.0

121 58.1 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.946 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

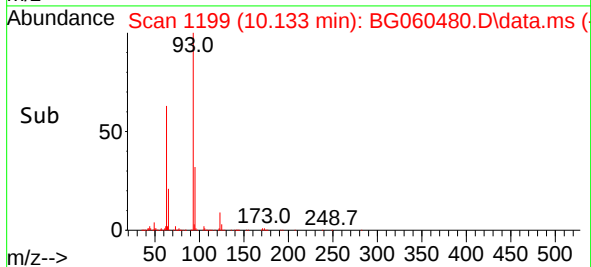
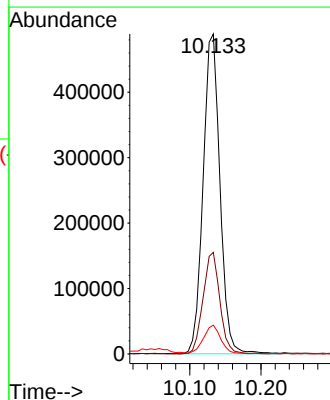
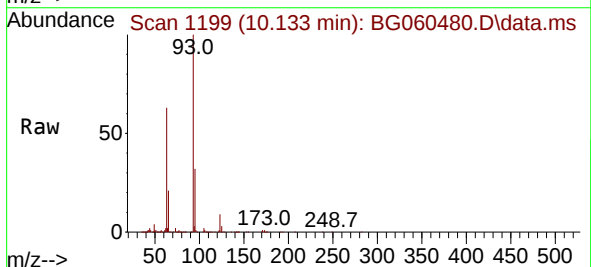
Tgt Ion: 93 Resp: 806505

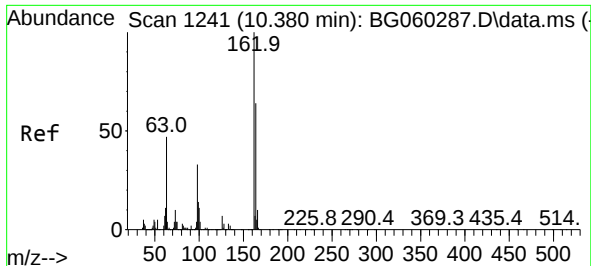
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

123 9.0 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 44.598 ng

RT: 10.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

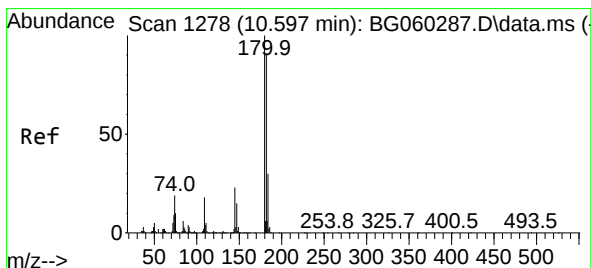
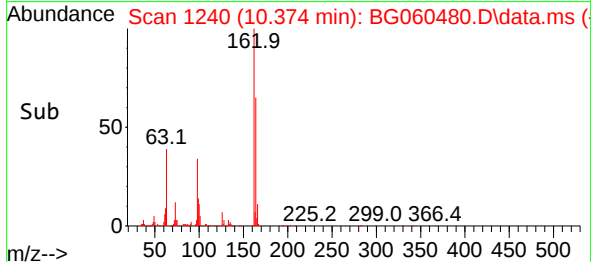
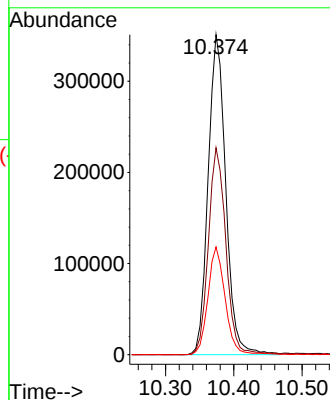
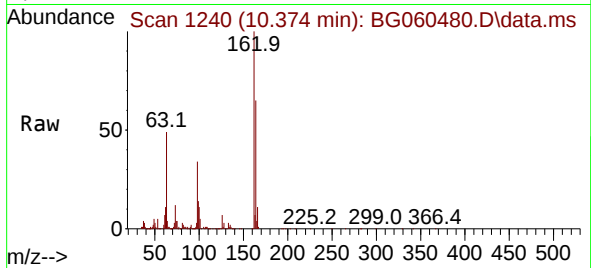
Tgt Ion:162 Resp: 630486

Ion Ratio Lower Upper

162 100

164 64.6 44.3 84.3

98 33.6 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 37.017 ng

RT: 10.585 min Scan# 1276

Delta R.T. -0.012 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

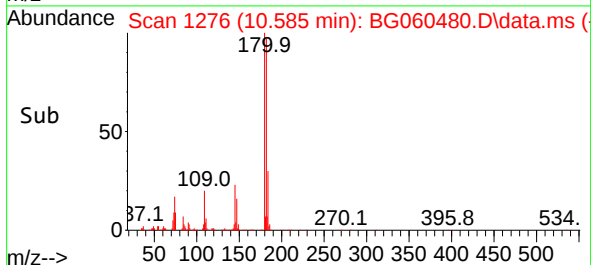
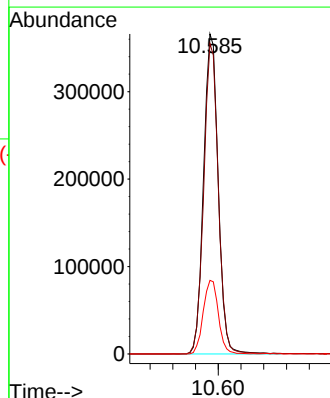
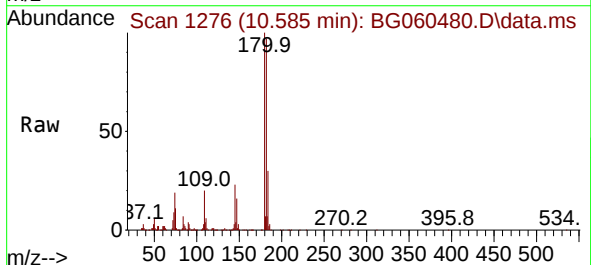
Tgt Ion:180 Resp: 651047

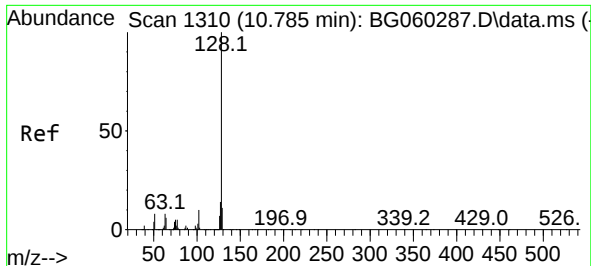
Ion Ratio Lower Upper

180 100

182 97.0 72.7 109.1

145 23.0 18.2 27.2

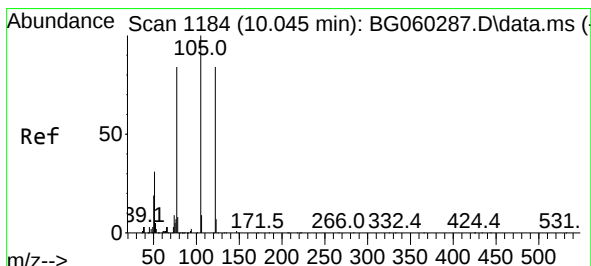
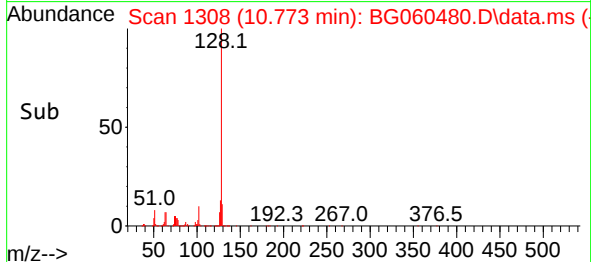
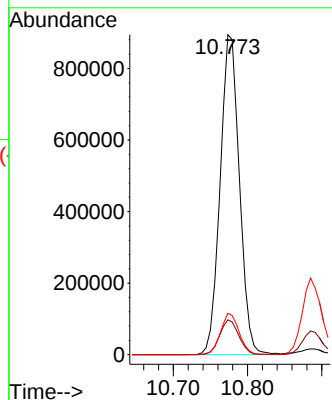
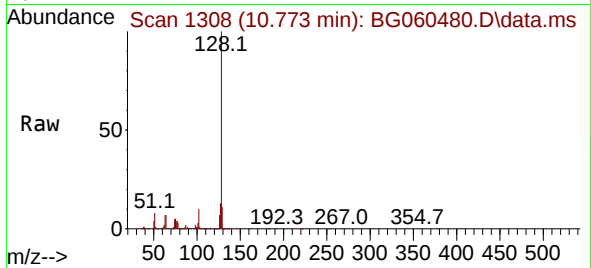




#31  
Naphthalene  
Concen: 37.616 ng  
RT: 10.773 min Scan# 1186  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

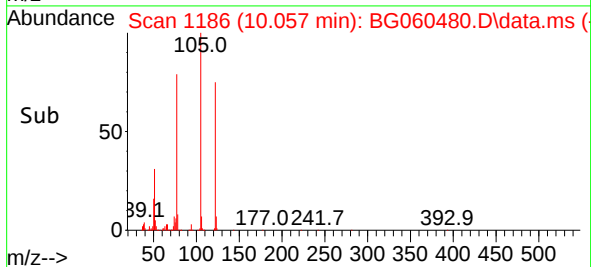
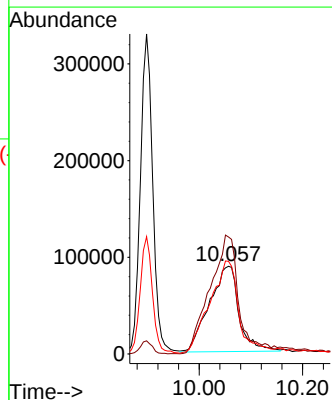
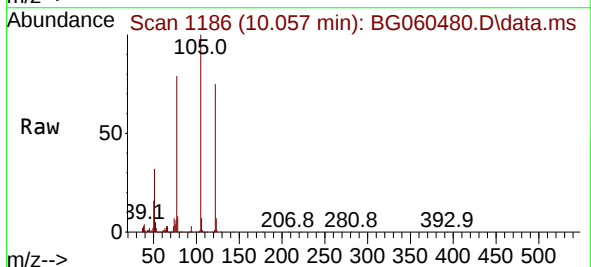
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion:128 Resp: 1612778  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.0 10.9 16.3



#32  
Benzoic acid  
Concen: 46.066 ng  
RT: 10.057 min Scan# 1186  
Delta R.T. 0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:122 Resp: 350873  
Ion Ratio Lower Upper  
122 100  
105 133.3 96.0 136.0  
77 105.5 80.1 120.1

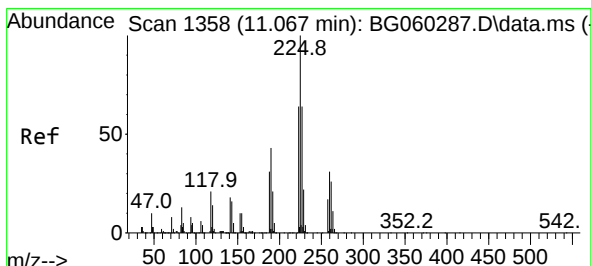
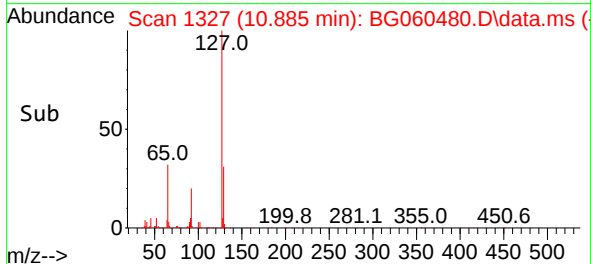
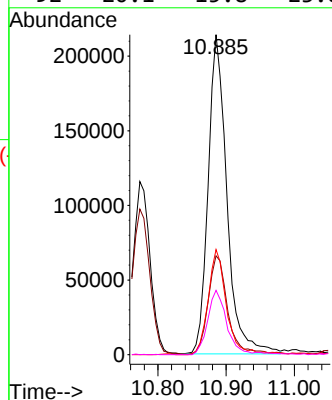
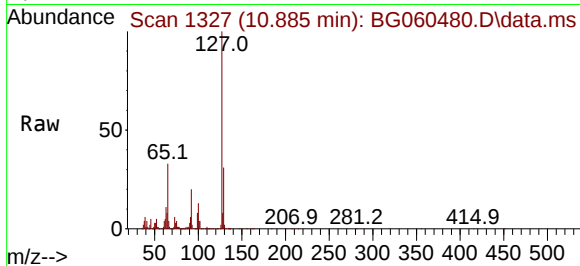




#33  
4-Chloroaniline  
Concen: 24.811 ng  
RT: 10.885 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

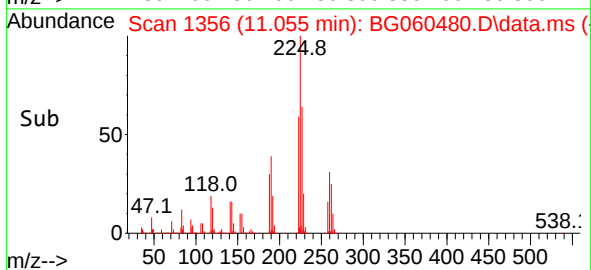
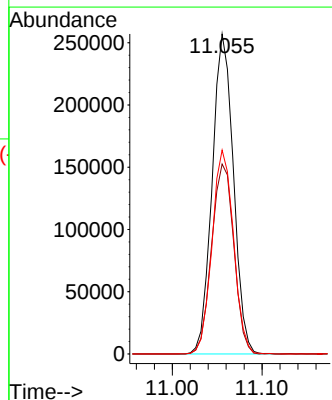
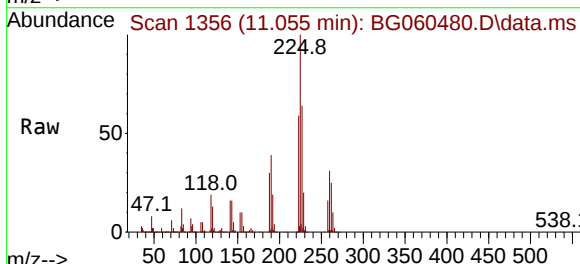
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

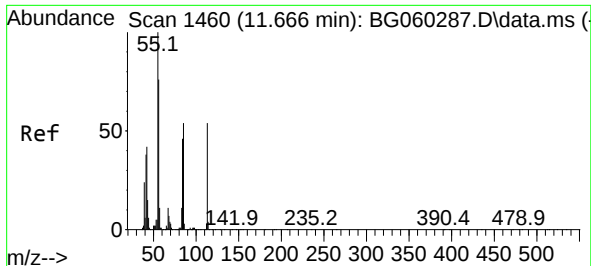
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 409885 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 30.9    | 25.5 38.3    |
| 65 32.8     | 27.5 41.3    |
| 92 20.1     | 15.8 23.8    |



#34  
Hexachlorobutadiene  
Concen: 36.849 ng  
RT: 11.055 min Scan# 1356  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:225 | Resp: 422182 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 225 100     |              |       |  |
| 223 57.0    | 48.7         | 73.1  |  |
| 227 61.1    | 48.7         | 73.1  |  |

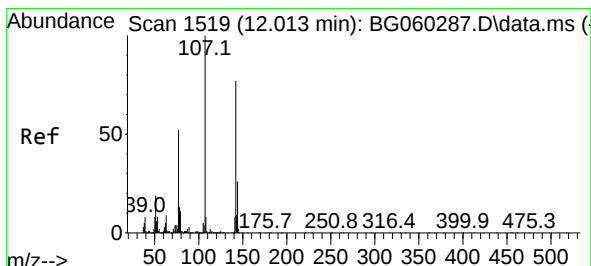
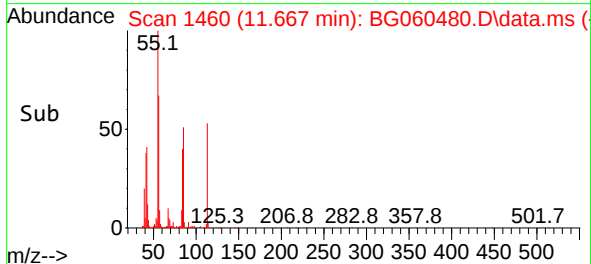
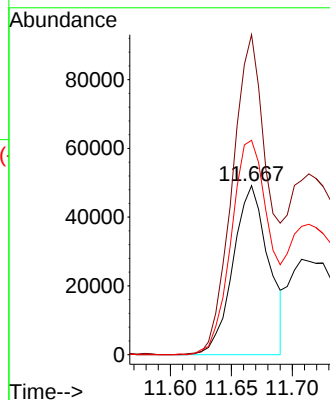
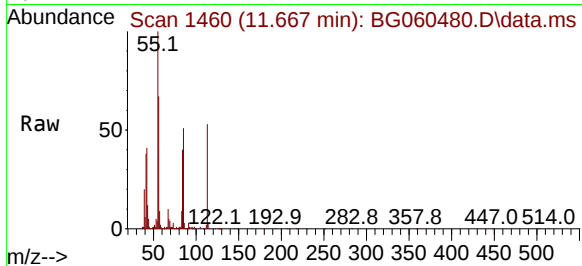




#35  
Caprolactam  
Concen: 21.964 ng  
RT: 11.667 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

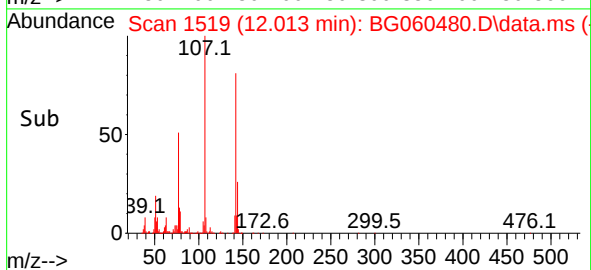
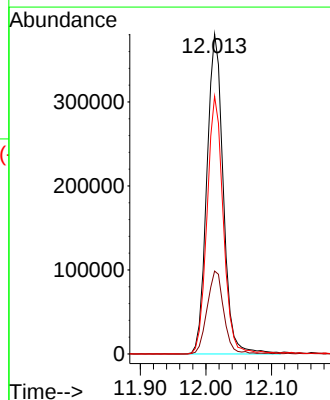
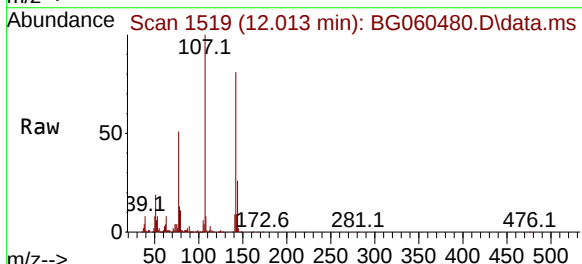
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

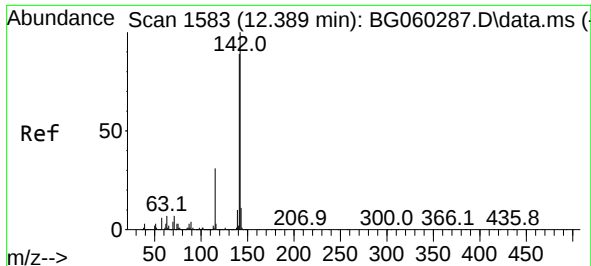
Tgt Ion:113 Resp: 100007  
Ion Ratio Lower Upper  
113 100  
55 189.4 166.4 206.4  
56 126.8 121.0 161.0



#36  
4-Chloro-3-methylphenol  
Concen: 46.104 ng  
RT: 12.013 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:107 Resp: 662127  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.6 31.0  
142 80.5 61.5 92.3

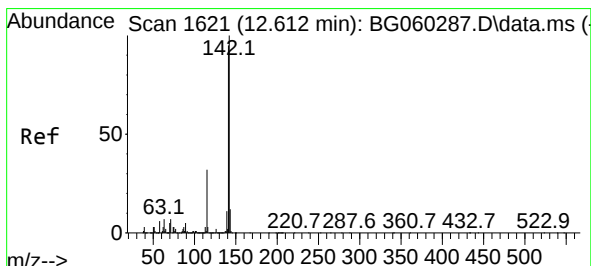
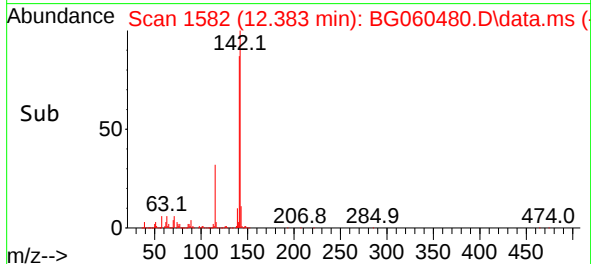
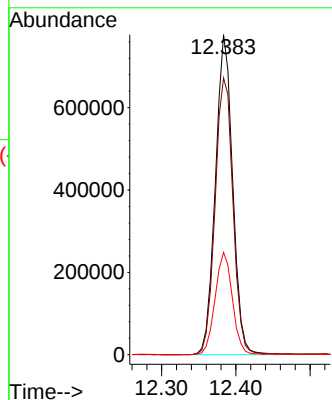
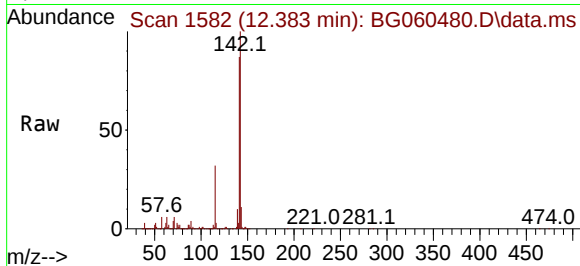




#37  
2-Methylnaphthalene  
Concen: 39.499 ng  
RT: 12.383 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

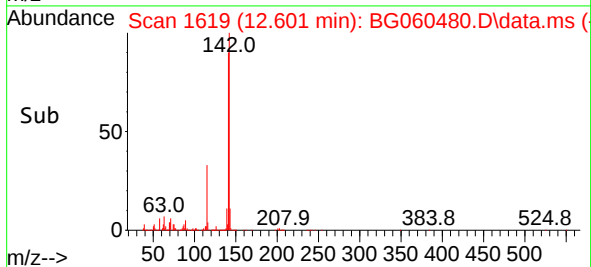
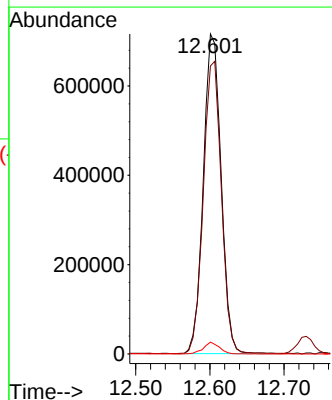
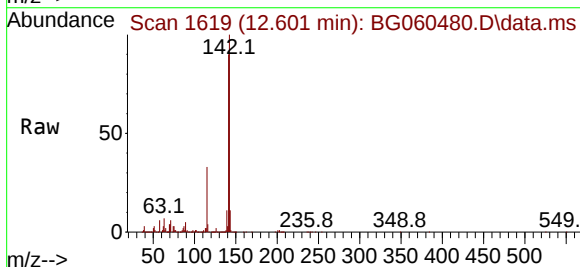
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

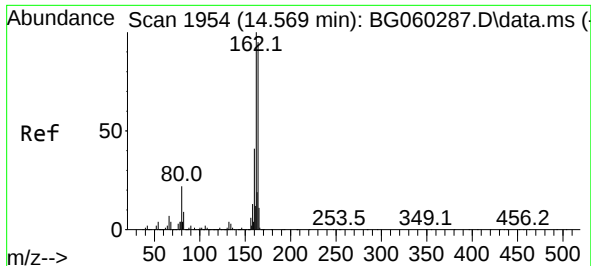
Tgt Ion:142 Resp: 1256003  
Ion Ratio Lower Upper  
142 100  
141 86.5 71.0 106.4  
115 32.0 24.7 37.1



#38  
1-Methylnaphthalene  
Concen: 37.448 ng  
RT: 12.601 min Scan# 1619  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:142 Resp: 1195750  
Ion Ratio Lower Upper  
142 100  
141 90.0 76.2 114.2  
116 3.7 2.6 3.8

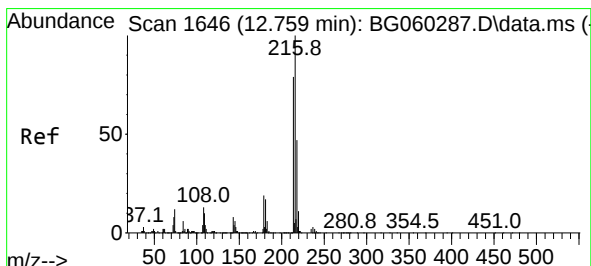
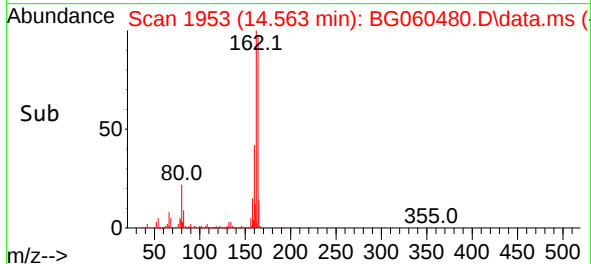
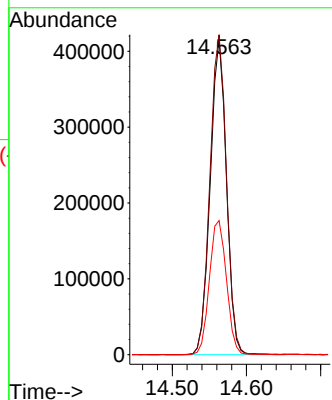
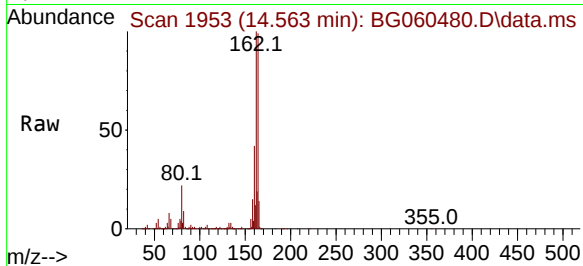




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.563 min Scan# 1953  
 Delta R.T. -0.006 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

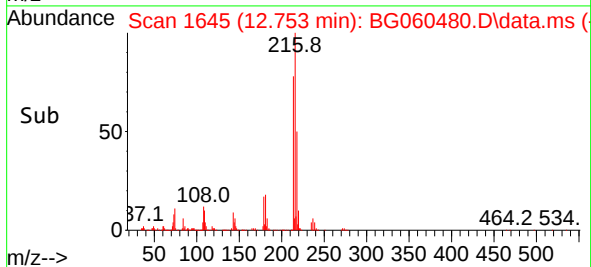
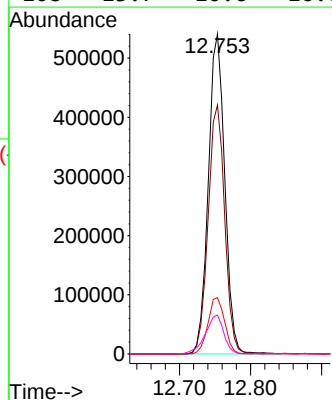
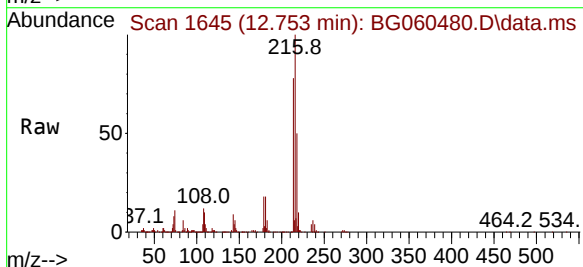
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158666BS

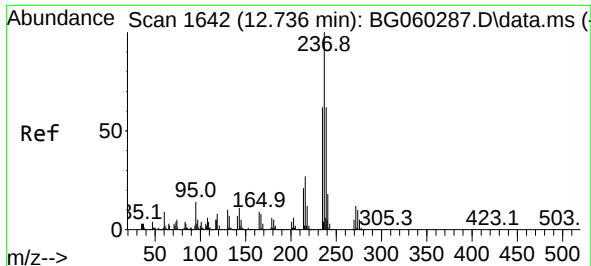
Tgt Ion:164 Resp: 631099  
 Ion Ratio Lower Upper  
 164 100  
 162 101.4 84.4 126.6  
 160 42.5 34.6 52.0



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.819 ng  
 RT: 12.753 min Scan# 1645  
 Delta R.T. -0.006 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

Tgt Ion:216 Resp: 870078  
 Ion Ratio Lower Upper  
 216 100  
 214 78.6 62.6 93.8  
 179 18.0 14.8 22.2  
 108 13.7 10.6 16.0

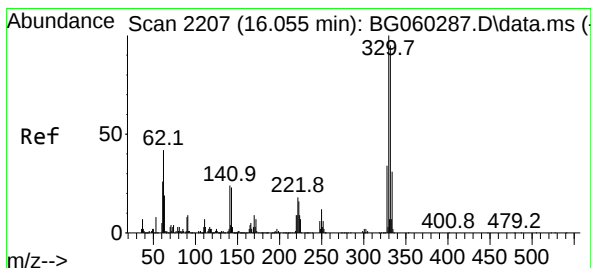
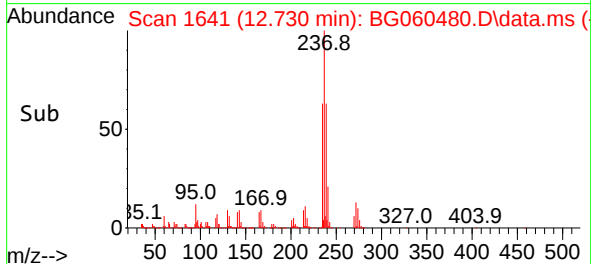
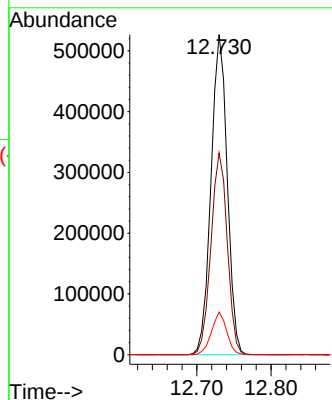
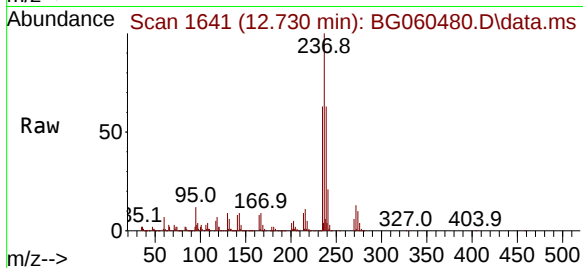




#41  
Hexachlorocyclopentadiene  
Concen: 107.325 ng  
RT: 12.730 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

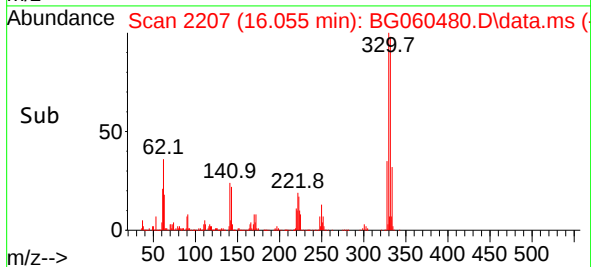
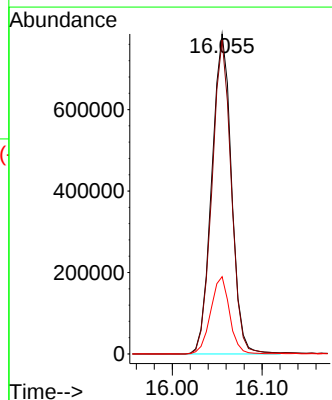
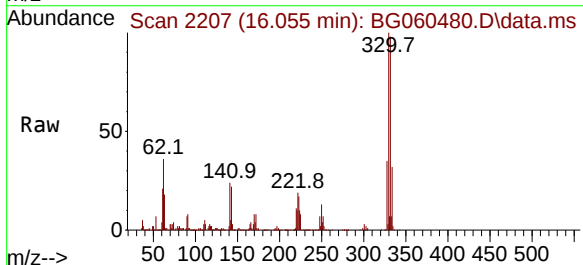
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

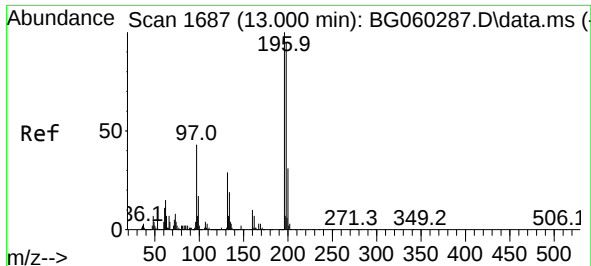
Tgt Ion:237 Resp: 798659  
Ion Ratio Lower Upper  
237 100  
235 63.1 41.6 81.6  
272 13.3 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 128.915 ng  
RT: 16.055 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:330 Resp: 1197015  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.7 115.1  
141 23.2 18.6 28.0

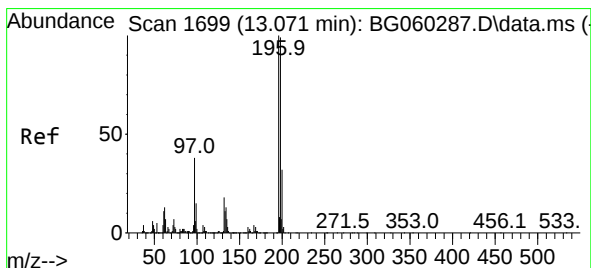
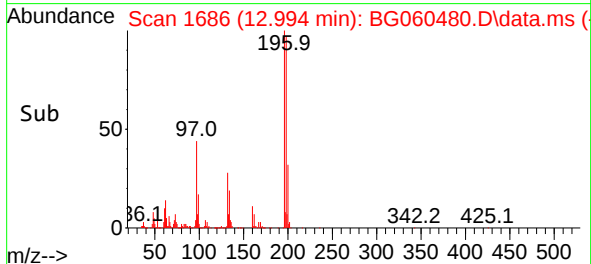
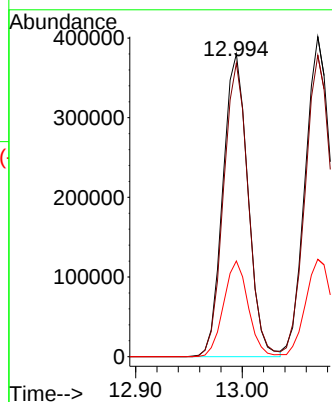
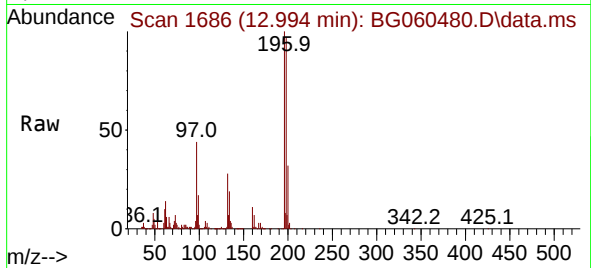




#43  
2,4,6-Trichlorophenol  
Concen: 43.577 ng  
RT: 12.994 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

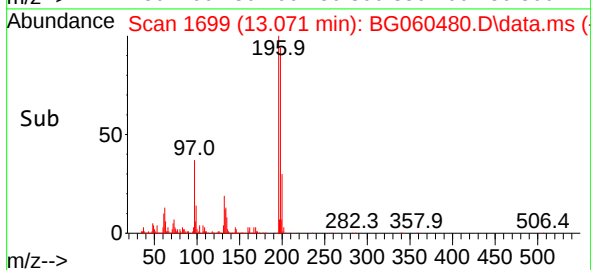
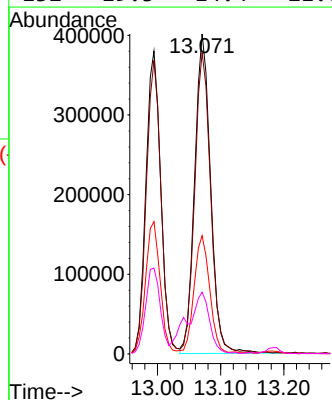
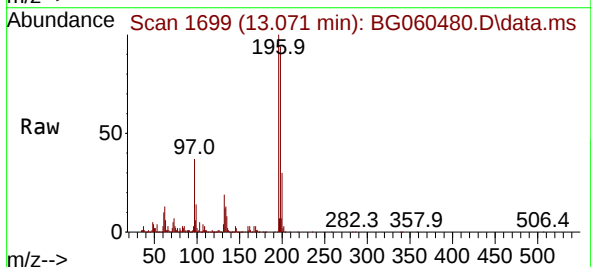
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

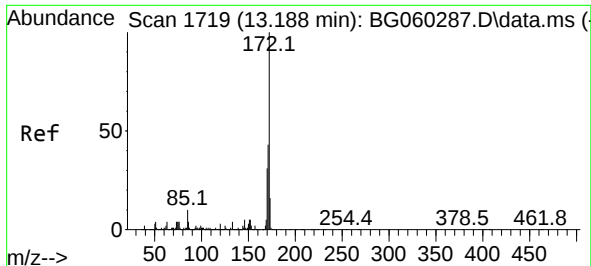
Tgt Ion:196 Resp: 621579  
Ion Ratio Lower Upper  
196 100  
198 97.0 75.7 113.5  
200 31.6 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 44.662 ng  
RT: 13.071 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:196 Resp: 702651  
Ion Ratio Lower Upper  
196 100  
198 94.2 78.6 118.0  
97 36.9 30.6 46.0  
132 19.3 14.4 21.6

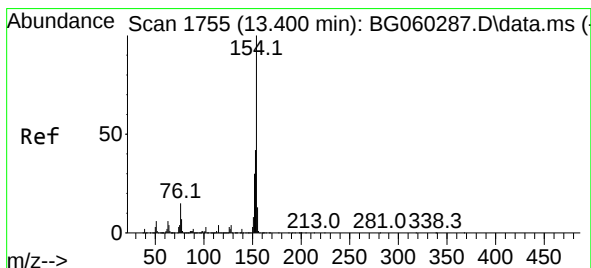
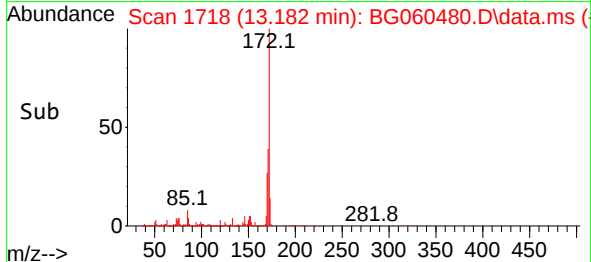
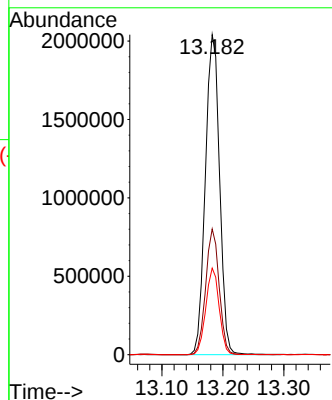
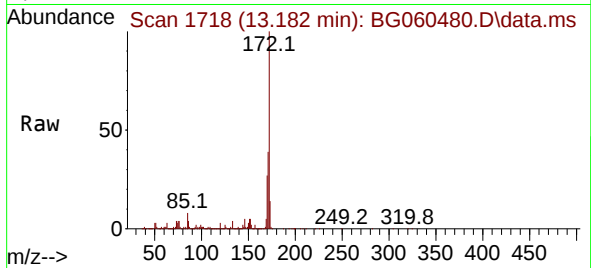




#45  
2-Fluorobiphenyl  
Concen: 72.856 ng  
RT: 13.182 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

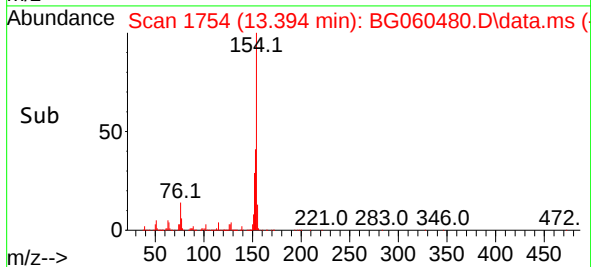
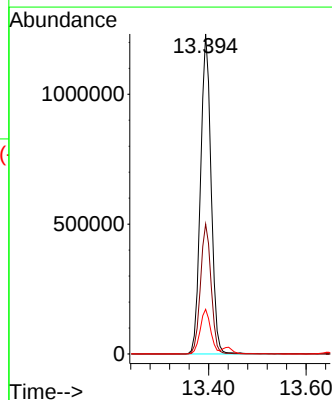
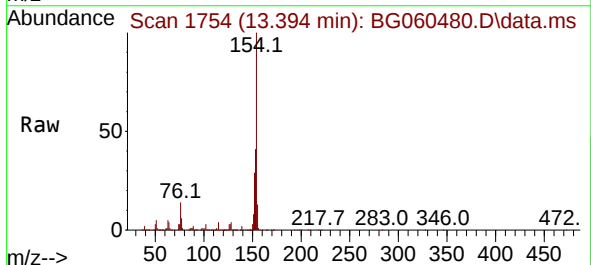
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

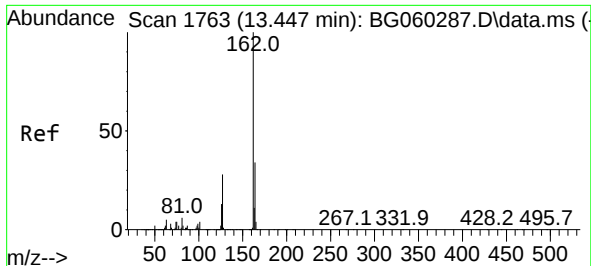
Tgt Ion:172 Resp: 3307132  
Ion Ratio Lower Upper  
172 100  
171 39.3 34.6 51.8  
170 27.1 24.4 36.6



#46  
1,1'-Biphenyl  
Concen: 38.950 ng  
RT: 13.394 min Scan# 1754  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:154 Resp: 1855473  
Ion Ratio Lower Upper  
154 100  
153 40.6 22.0 62.0  
76 14.0 0.0 35.2

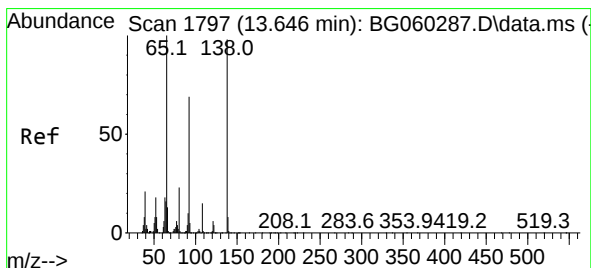
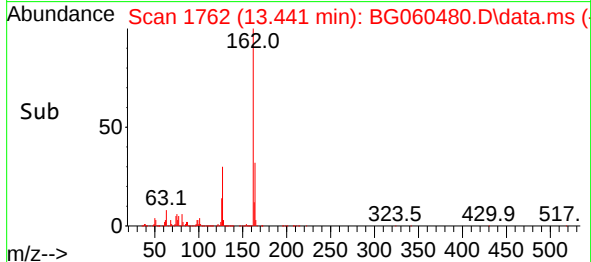
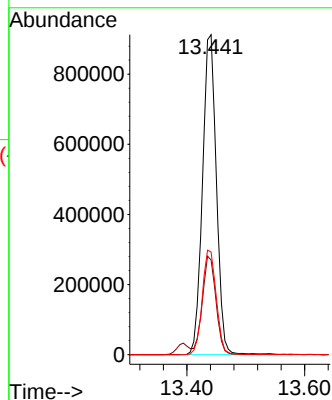
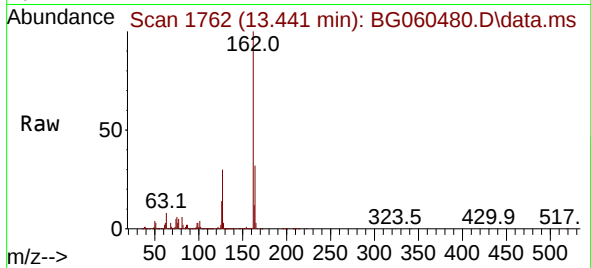




#47  
2-Chloronaphthalene  
Concen: 36.714 ng  
RT: 13.441 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

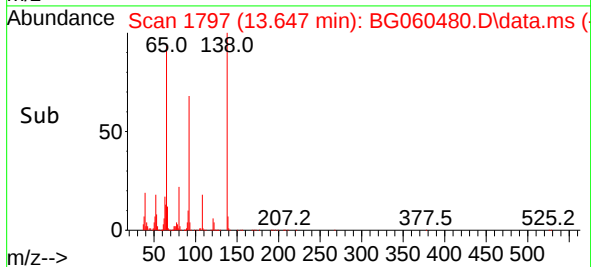
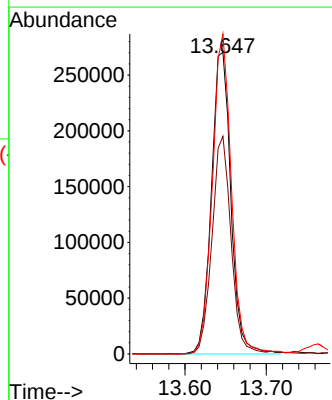
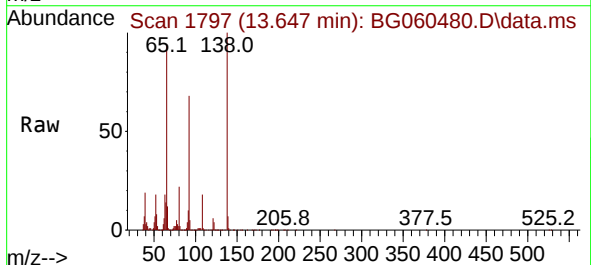
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

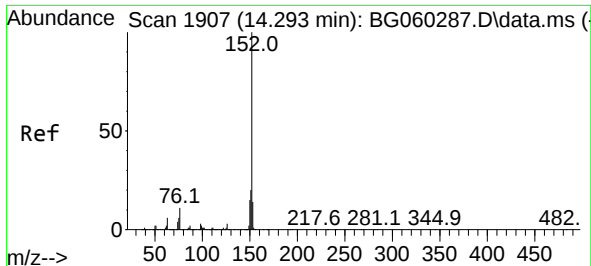
Tgt Ion:162 Resp: 1498318  
Ion Ratio Lower Upper  
162 100  
127 29.6 23.5 35.3  
164 32.1 26.9 40.3



#48  
2-Nitroaniline  
Concen: 44.504 ng  
RT: 13.647 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion: 65 Resp: 452317  
Ion Ratio Lower Upper  
65 100  
92 72.2 55.0 82.6  
138 106.1 78.1 117.1

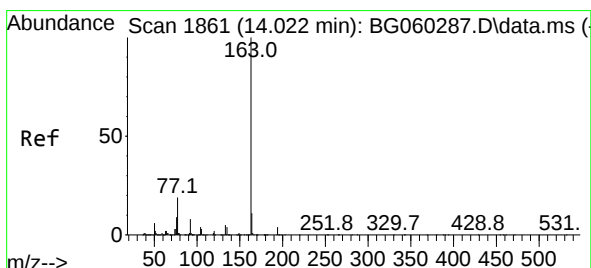
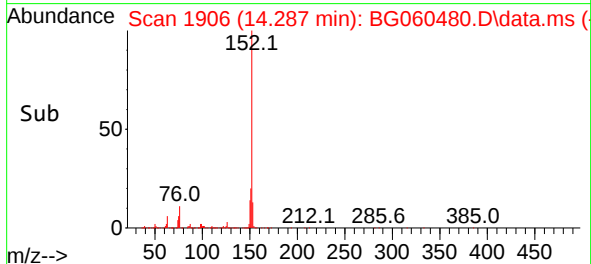
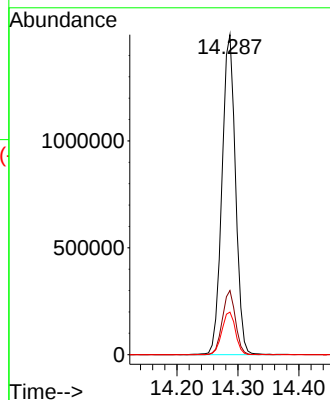
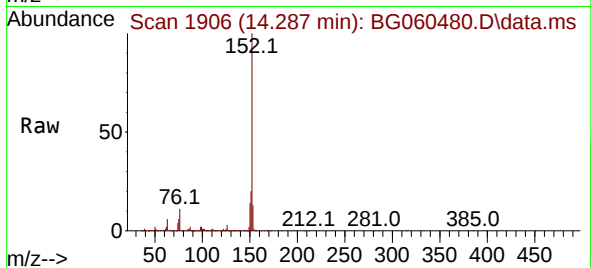




#49  
Acenaphthylene  
Concen: 41.092 ng  
RT: 14.287 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

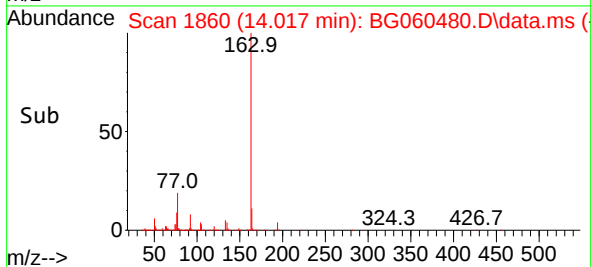
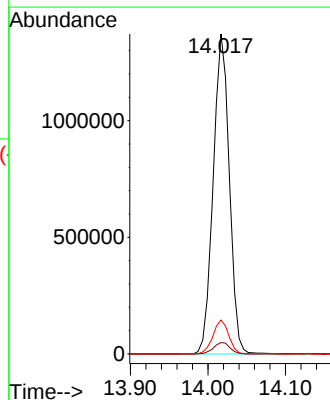
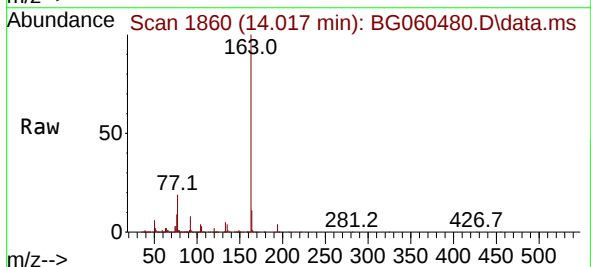
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

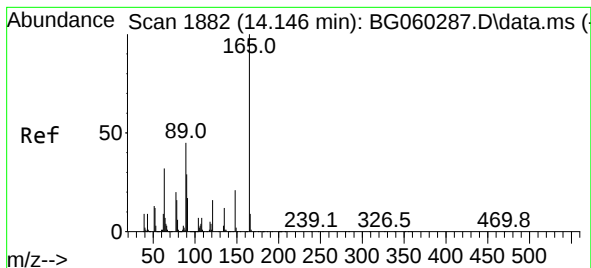
Tgt Ion:152 Resp: 2309317  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.3 11.5 17.3



#50  
Dimethylphthalate  
Concen: 41.037 ng  
RT: 14.017 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:163 Resp: 1979120  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.6 8.8 13.2

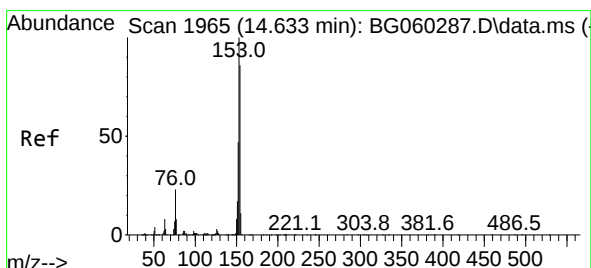
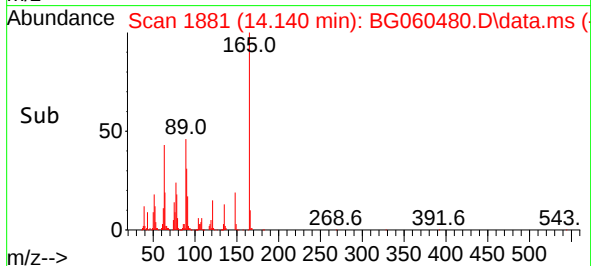
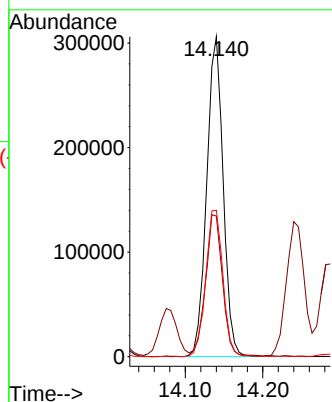
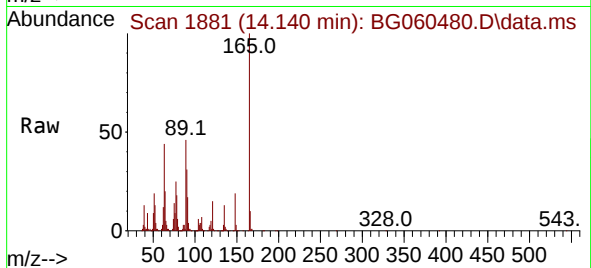




#51  
2,6-Dinitrotoluene  
Concen: 43.806 ng  
RT: 14.140 min Scan# 1881  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

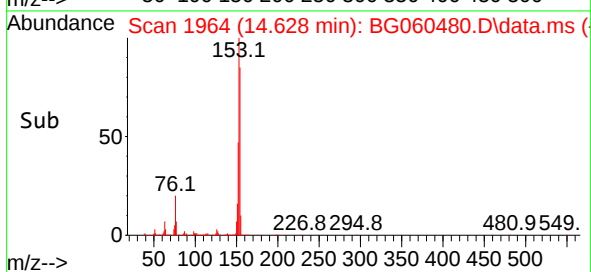
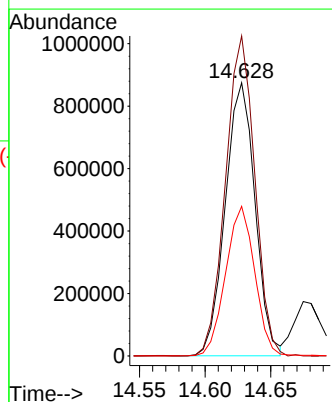
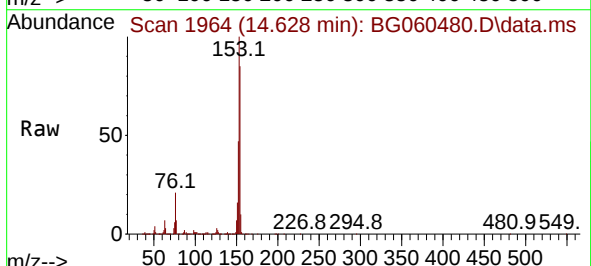
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

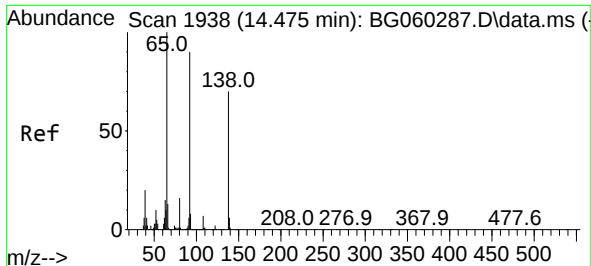
Tgt Ion:165 Resp: 450803  
Ion Ratio Lower Upper  
165 100  
63 43.9 35.0 52.4  
89 45.8 36.2 54.2



#52  
Acenaphthene  
Concen: 39.478 ng  
RT: 14.628 min Scan# 1964  
Delta R.T. -0.005 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:154 Resp: 1381489  
Ion Ratio Lower Upper  
154 100  
153 117.1 92.6 138.8  
152 54.7 43.8 65.8

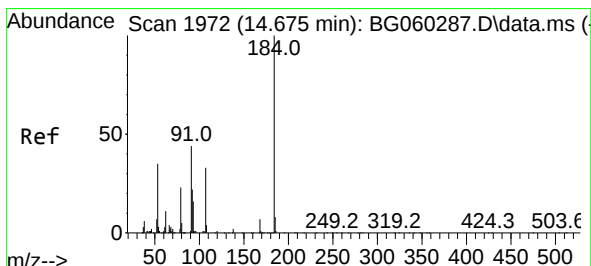
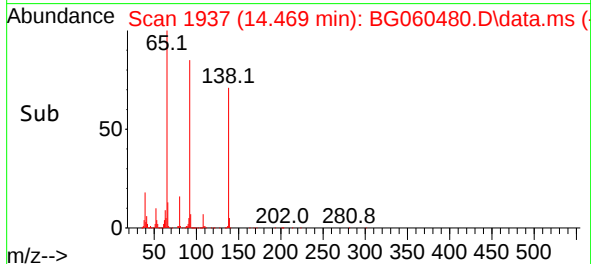
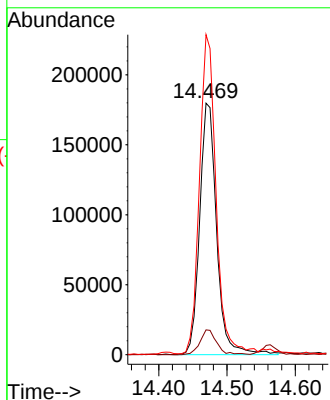
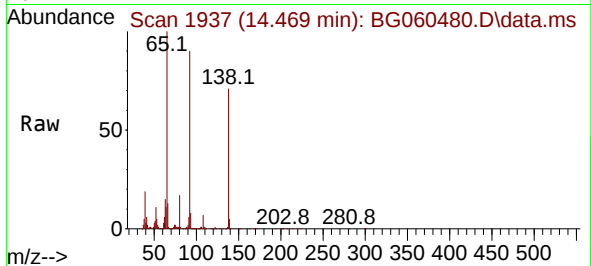




#53  
3-Nitroaniline  
Concen: 33.240 ng  
RT: 14.469 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

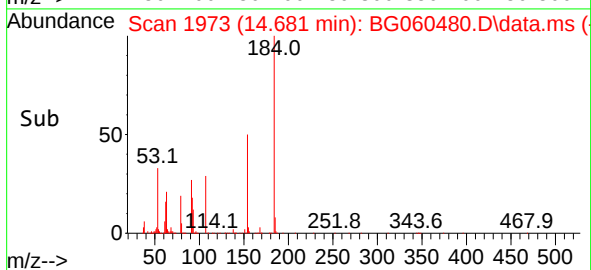
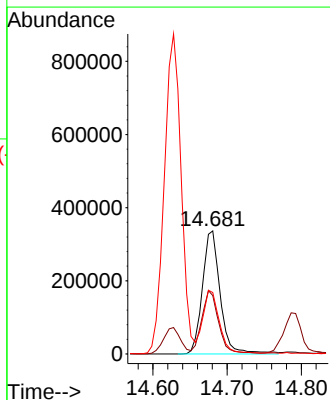
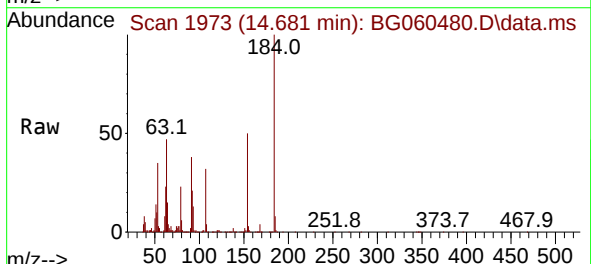
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion:138 Resp: 311690  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 127.2 102.4 153.6



#54  
2,4-Dinitrophenol  
Concen: 88.860 ng  
RT: 14.681 min Scan# 1973  
Delta R.T. 0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:184 Resp: 561080  
Ion Ratio Lower Upper  
184 100  
63 47.5 41.0 61.4  
154 50.0 39.2 58.8

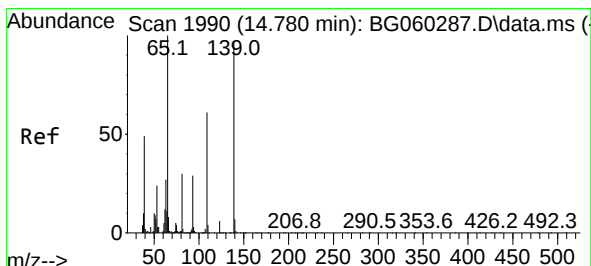
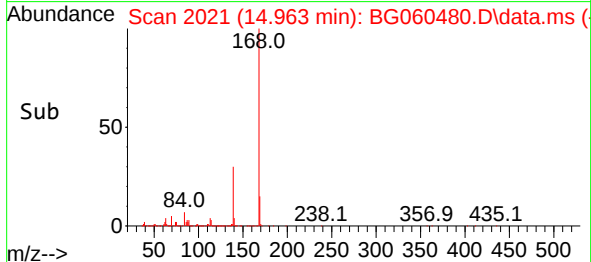
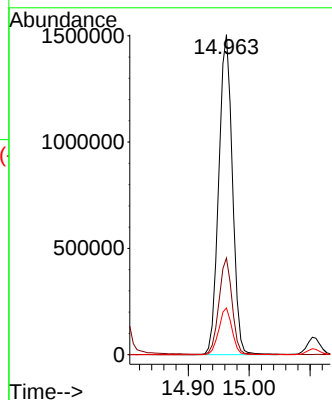
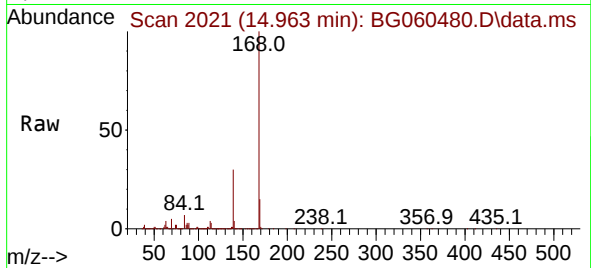




#55  
Dibenzofuran  
Concen: 39.894 ng  
RT: 14.963 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

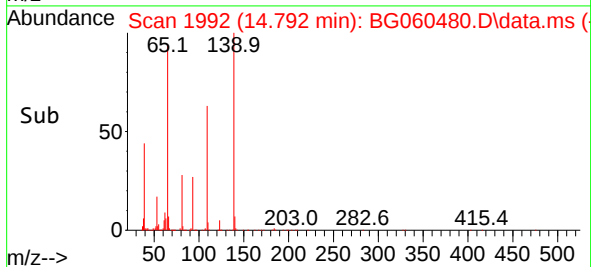
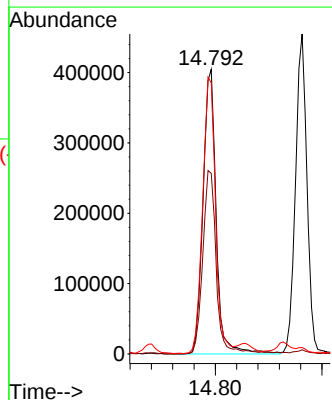
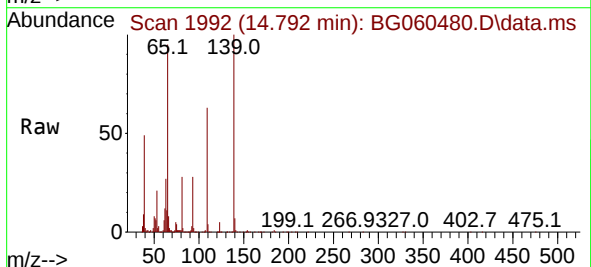
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

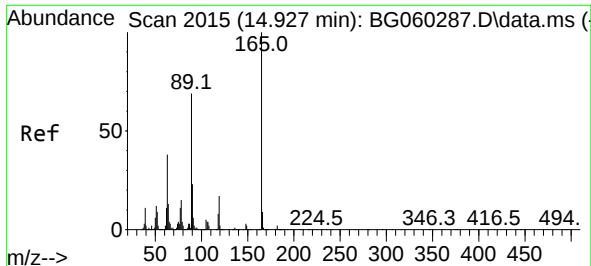
Tgt Ion:168 Resp: 2330499  
Ion Ratio Lower Upper  
168 100  
139 30.2 22.6 34.0  
169 14.6 12.1 18.1



#56  
4-Nitrophenol  
Concen: 99.420 ng  
RT: 14.792 min Scan# 1992  
Delta R.T. 0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:139 Resp: 691489  
Ion Ratio Lower Upper  
139 100  
109 63.5 42.2 82.2  
65 95.2 83.3 123.3

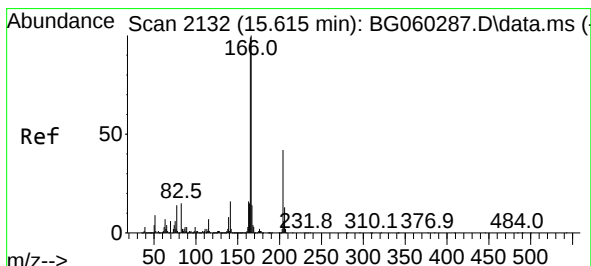
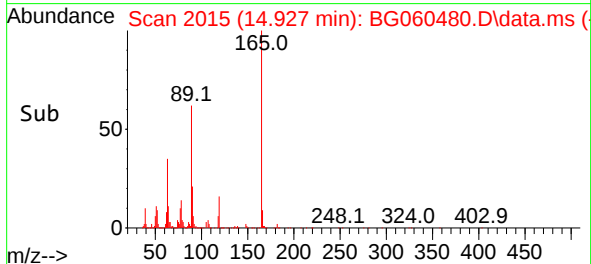
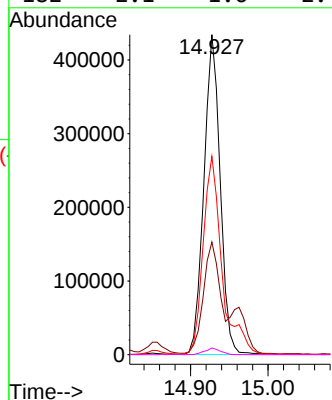
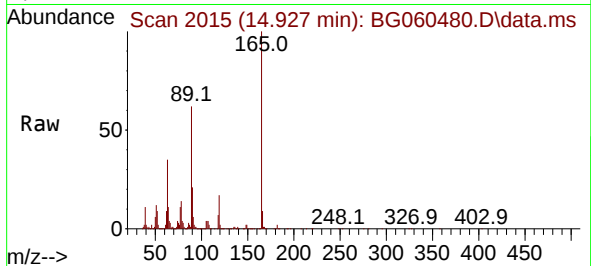




#57  
2,4-Dinitrotoluene  
Concen: 44.893 ng  
RT: 14.927 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

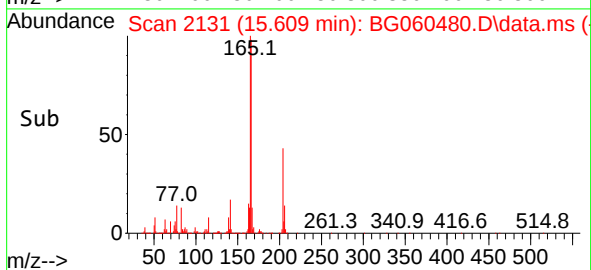
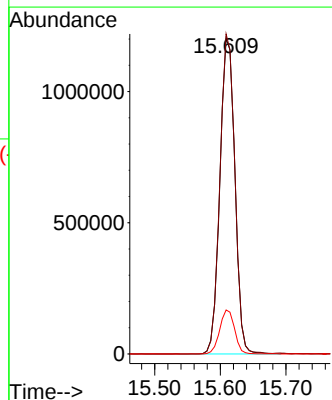
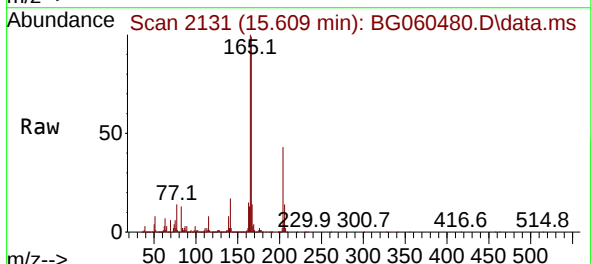
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

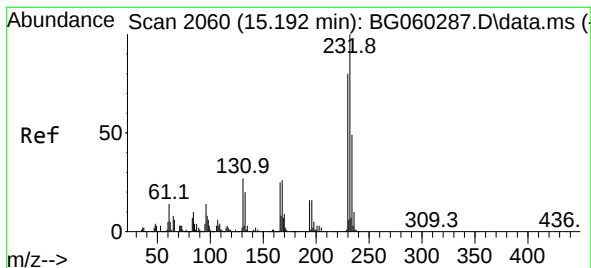
Tgt Ion:165 Resp: 633522  
Ion Ratio Lower Upper  
165 100  
63 35.2 30.4 45.6  
89 61.9 55.4 83.0  
182 2.1 1.6 2.4



#58  
Fluorene  
Concen: 39.411 ng  
RT: 15.609 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:166 Resp: 1906536  
Ion Ratio Lower Upper  
166 100  
165 101.4 79.0 118.6  
167 13.9 11.4 17.0

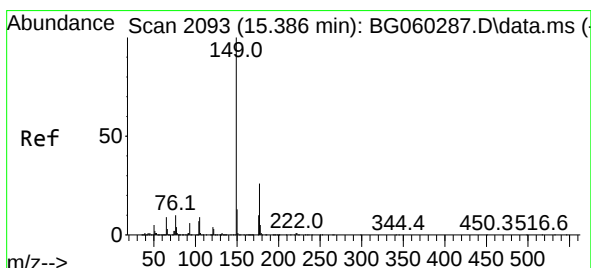
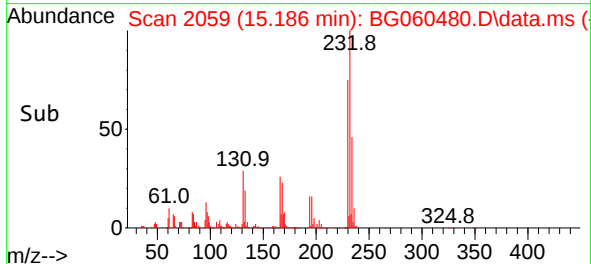
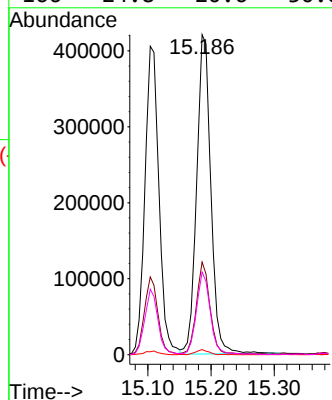
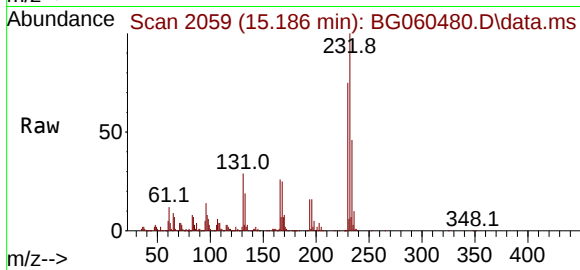




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.038 ng  
RT: 15.186 min Scan# 2059  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

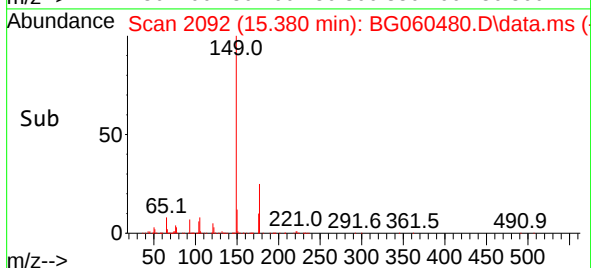
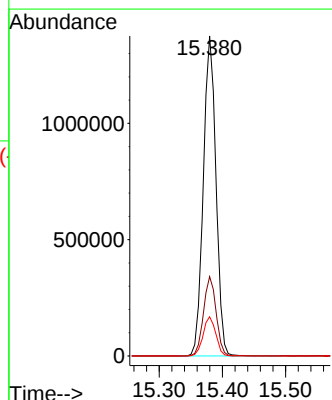
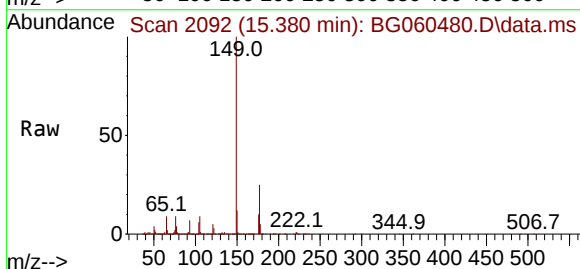
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

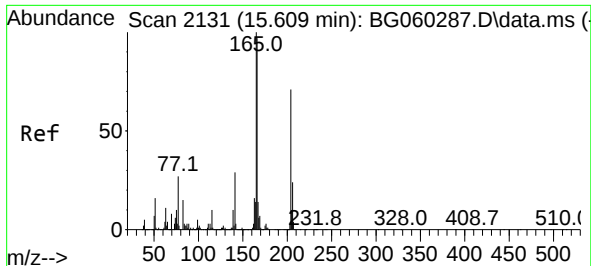
Tgt Ion:232 Resp: 655133  
Ion Ratio Lower Upper  
232 100  
131 27.4 22.7 34.1  
130 1.4 1.1 1.7  
166 24.8 20.6 30.8



#60  
Diethylphthalate  
Concen: 41.253 ng  
RT: 15.380 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:149 Resp: 1910007  
Ion Ratio Lower Upper  
149 100  
177 24.8 20.9 31.3  
150 12.3 10.2 15.2

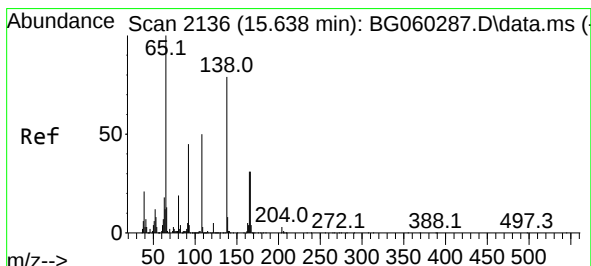
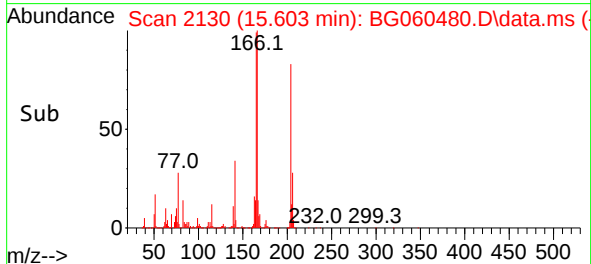
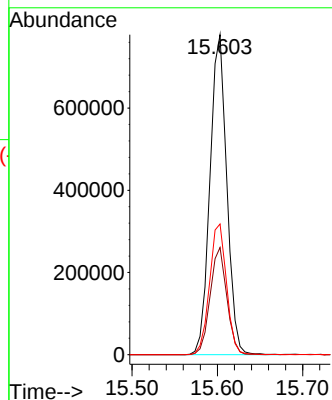
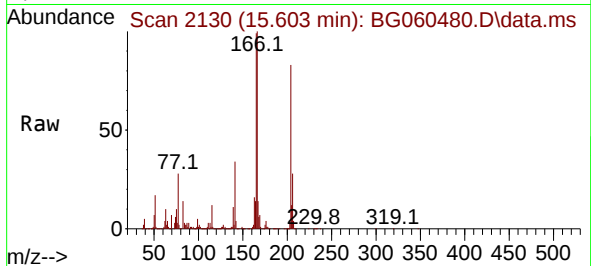




#61  
4-Chlorophenyl-phenylether  
Concen: 40.131 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

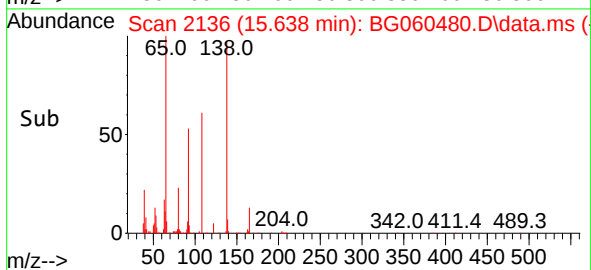
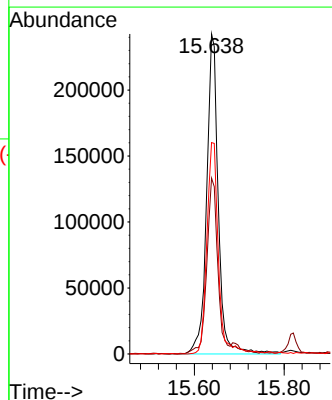
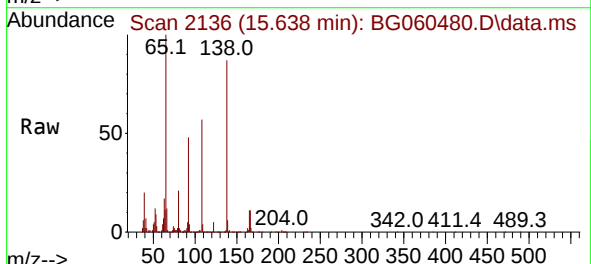
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

Tgt Ion:204 Resp: 1069473  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.1 40.7  
141 40.8 32.2 48.2



#62  
4-Nitroaniline  
Concen: 43.761 ng  
RT: 15.638 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:138 Resp: 436739  
Ion Ratio Lower Upper  
138 100  
92 54.9 37.0 77.0  
108 66.0 43.1 83.1

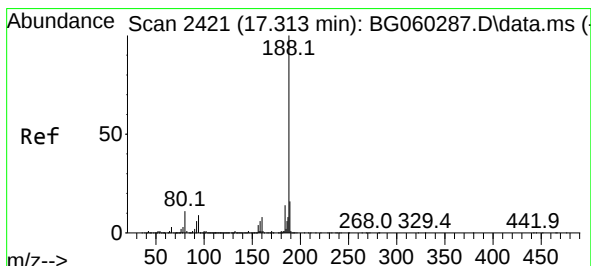
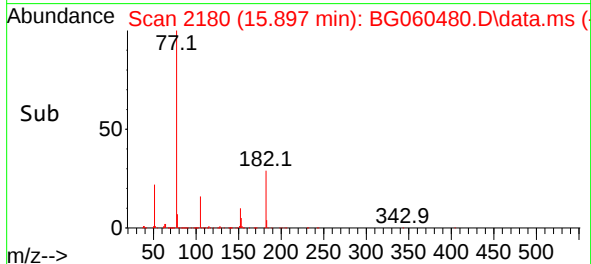
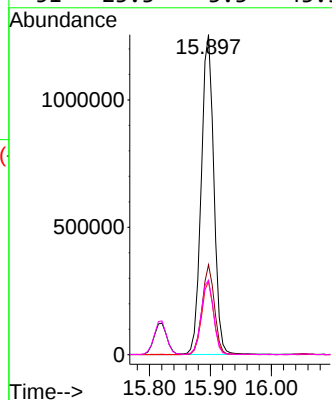
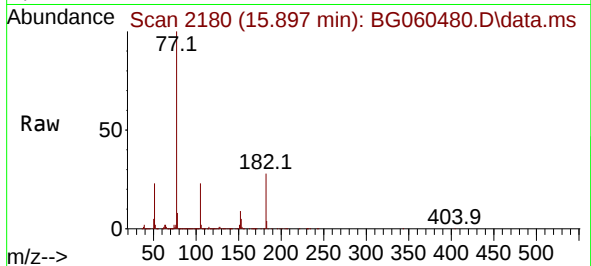




#63  
Azobenzene  
Concen: 38.477 ng  
RT: 15.897 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

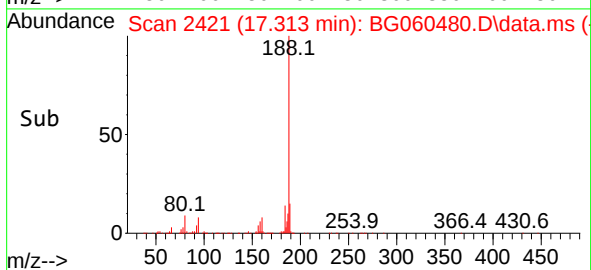
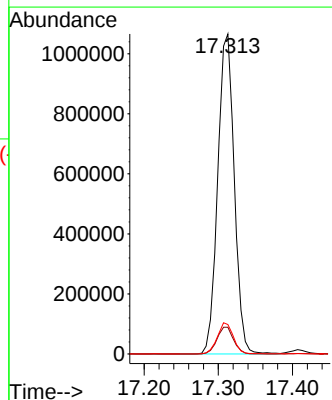
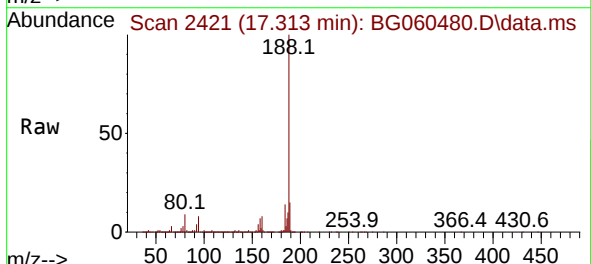
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

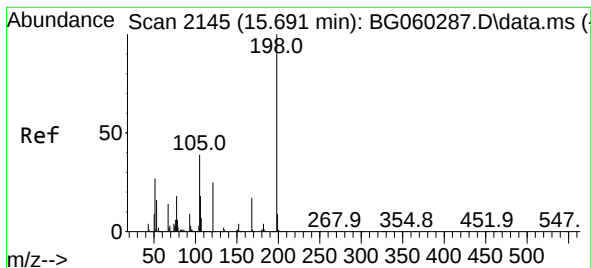
Tgt Ion: 77 Resp: 1801855  
Ion Ratio Lower Upper  
77 100  
182 28.1 6.5 46.5  
105 22.9 1.8 41.8  
51 23.3 3.3 43.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.313 min Scan# 2421  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:188 Resp: 1649295  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.1 10.7  
80 9.2 8.5 12.7

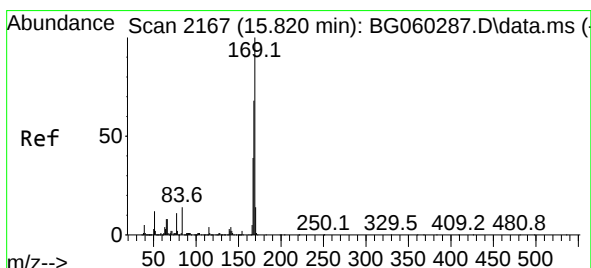
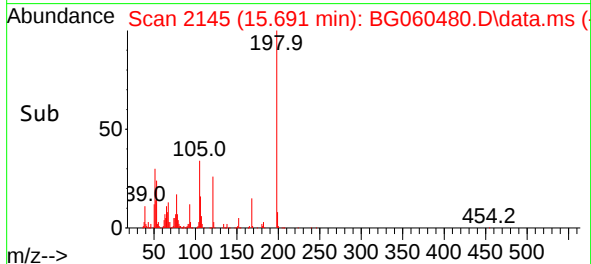
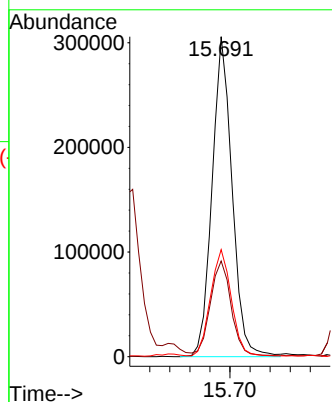
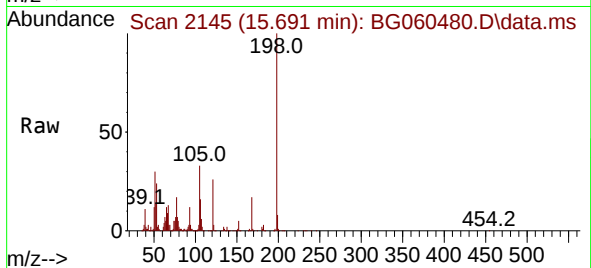




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.352 ng  
RT: 15.691 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

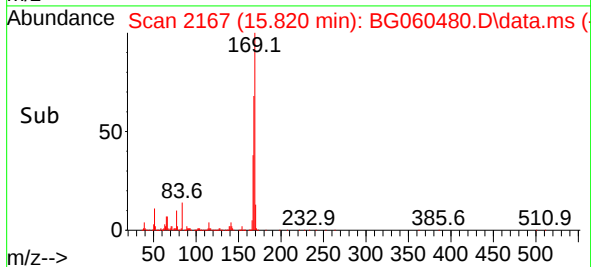
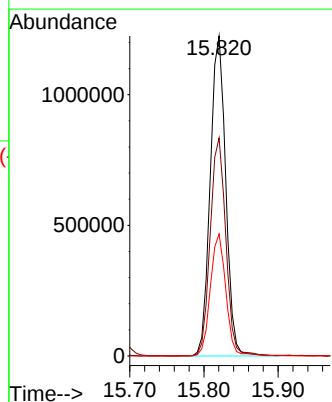
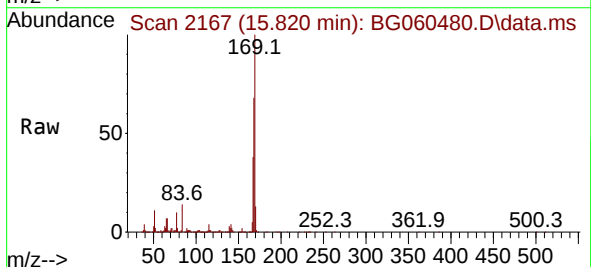
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

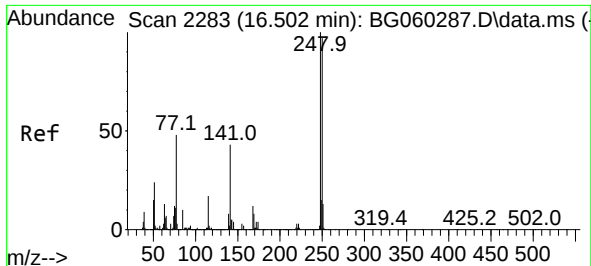
Tgt Ion:198 Resp: 422923  
Ion Ratio Lower Upper  
198 100  
51 29.9 11.8 51.8  
105 33.5 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 40.642 ng  
RT: 15.820 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:169 Resp: 1779815  
Ion Ratio Lower Upper  
169 100  
168 68.2 54.4 81.6  
167 38.1 31.2 46.8

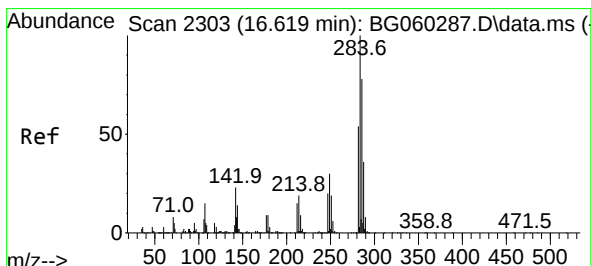
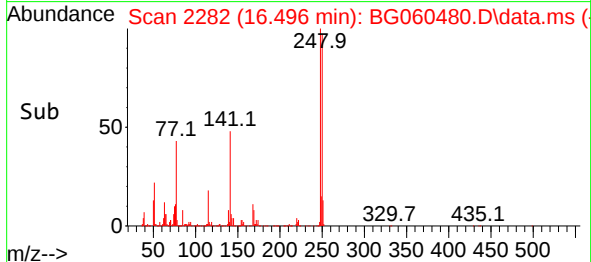
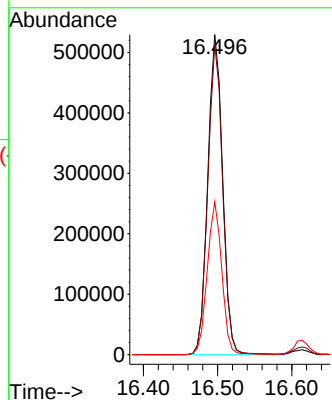
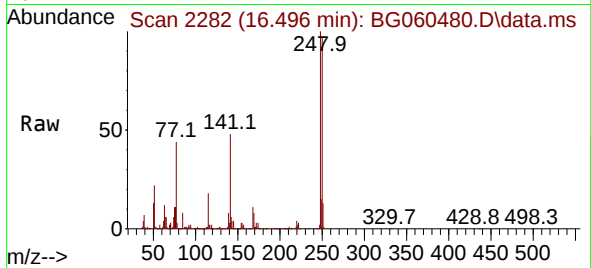




#67  
4-Bromophenyl-phenylether  
Concen: 40.844 ng  
RT: 16.496 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

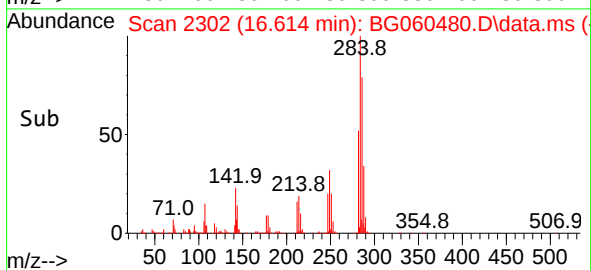
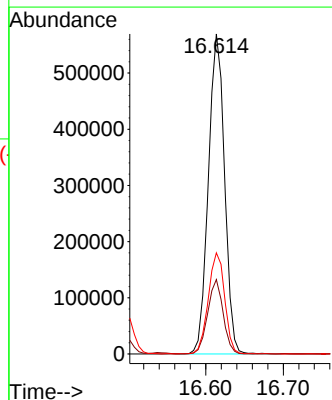
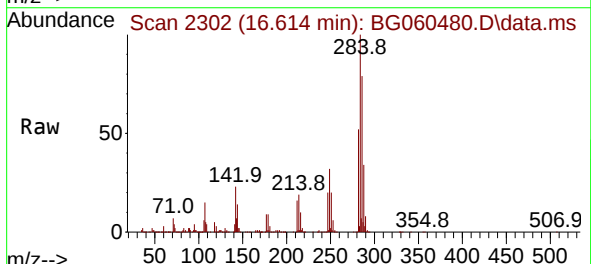
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

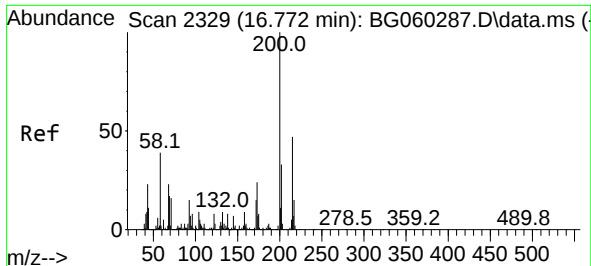
Tgt Ion:248 Resp: 740196  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.6 116.4  
141 47.8 34.2 51.4



#68  
Hexachlorobenzene  
Concen: 38.465 ng  
RT: 16.614 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:284 Resp: 825140  
Ion Ratio Lower Upper  
284 100  
142 23.3 18.2 27.4  
249 31.6 24.3 36.5

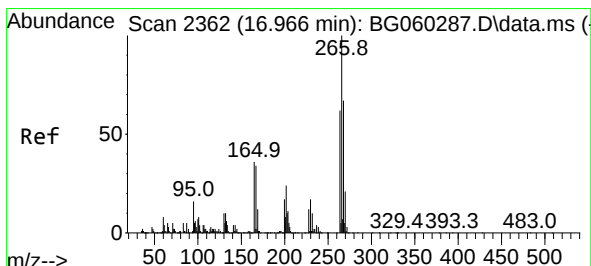
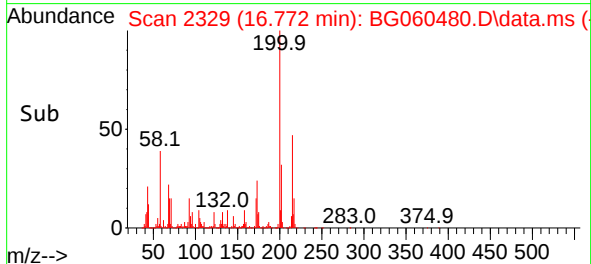
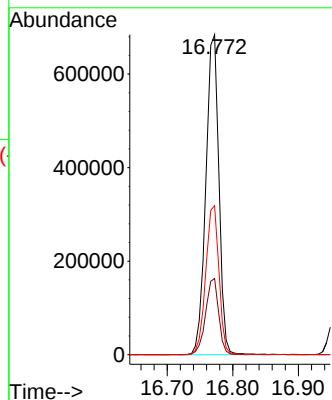
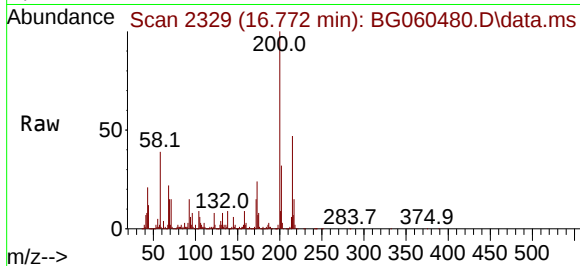




#69  
 Atrazine  
 Concen: 57.532 ng  
 RT: 16.772 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

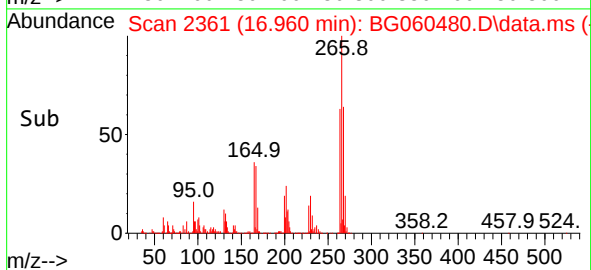
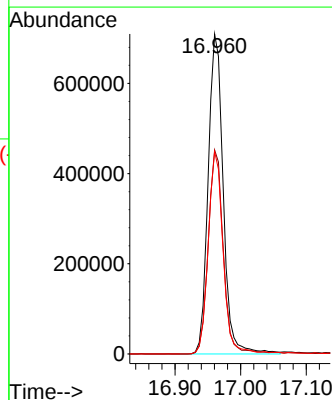
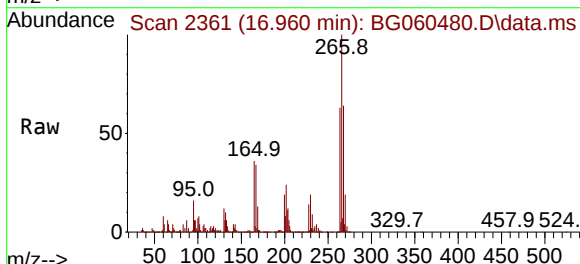
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB158666BS

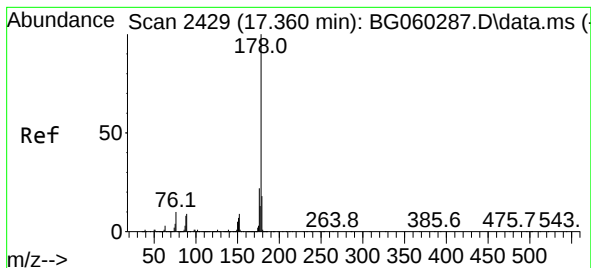
Tgt Ion:200 Resp: 950019  
 Ion Ratio Lower Upper  
 200 100  
 173 23.8 4.1 44.1  
 215 46.5 27.4 67.4



#70  
 Pentachlorophenol  
 Concen: 98.189 ng  
 RT: 16.960 min Scan# 2361  
 Delta R.T. -0.006 min  
 Lab File: BG060480.D  
 Acq: 30 Jan 2024 12:29

Tgt Ion:266 Resp: 1135354  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 57.4 86.2  
 264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 41.045 ng

RT: 17.354 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

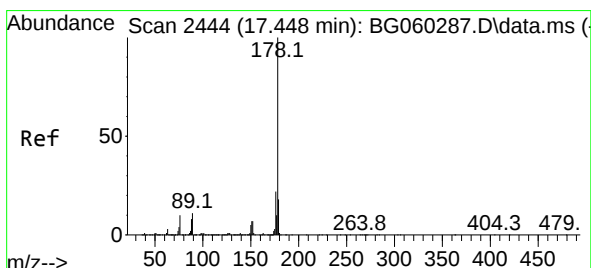
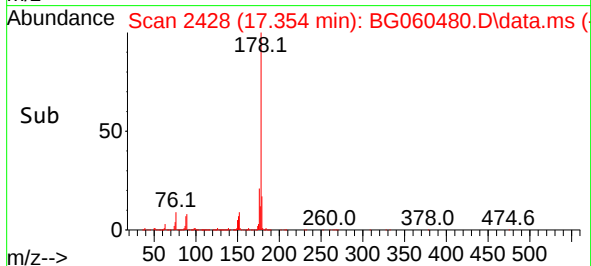
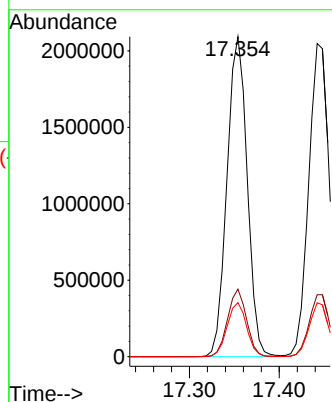
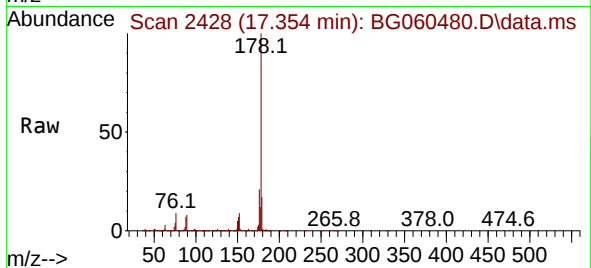
Tgt Ion:178 Resp: 3272078

Ion Ratio Lower Upper

178 100

176 21.1 17.4 26.2

179 16.9 14.7 22.1



#72

Anthracene

Concen: 41.264 ng

RT: 17.442 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

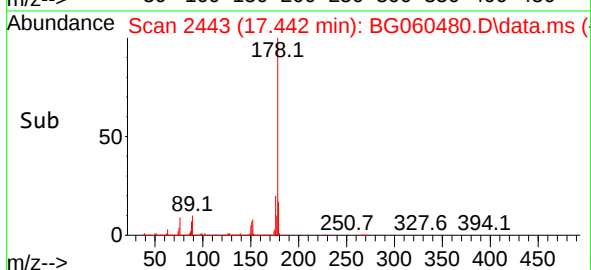
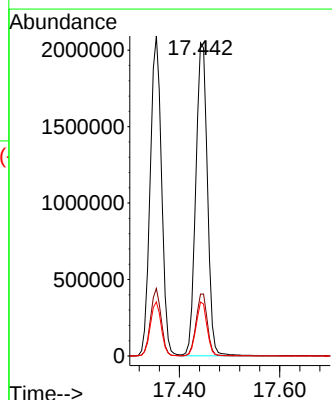
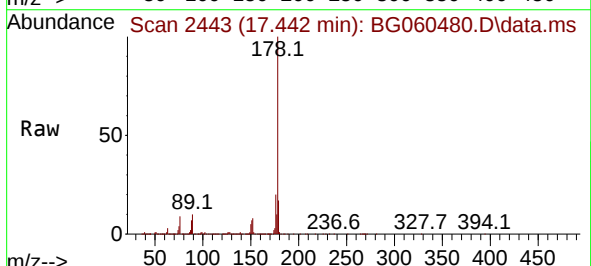
Tgt Ion:178 Resp: 3284287

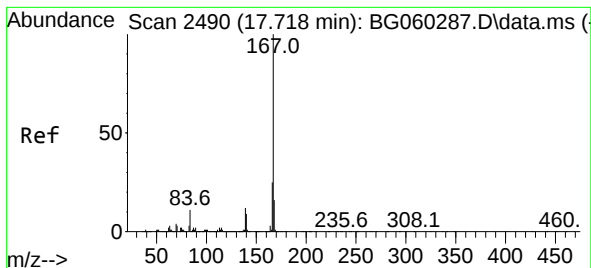
Ion Ratio Lower Upper

178 100

176 19.8 17.8 26.6

179 17.2 14.1 21.1





#73

Carbazole

Concen: 39.779 ng

RT: 17.712 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

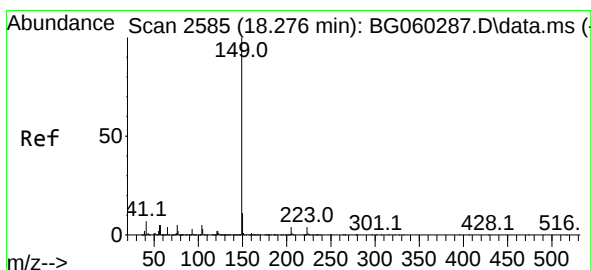
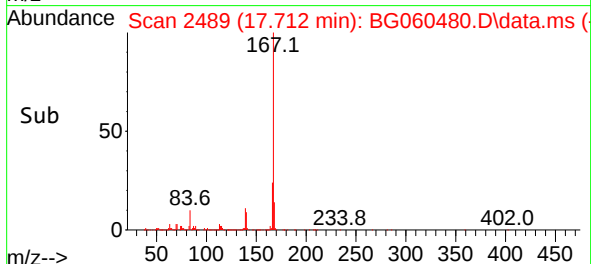
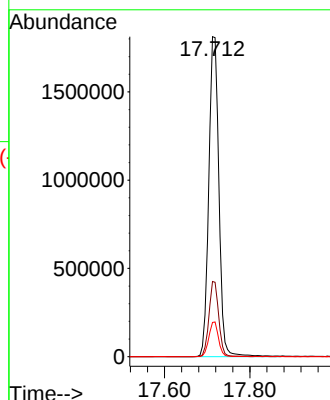
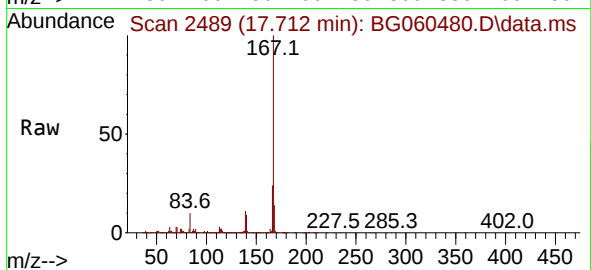
Tgt Ion:167 Resp: 2984806

Ion Ratio Lower Upper

167 100

166 23.5 19.8 29.8

139 10.7 9.3 13.9



#74

Di-n-butylphthalate

Concen: 40.950 ng

RT: 18.271 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

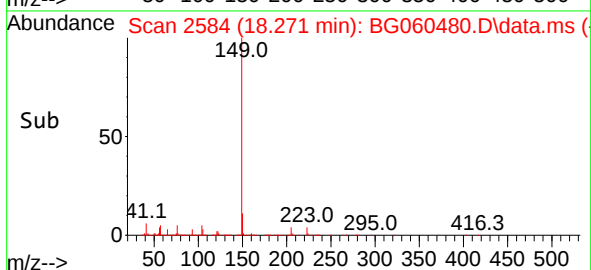
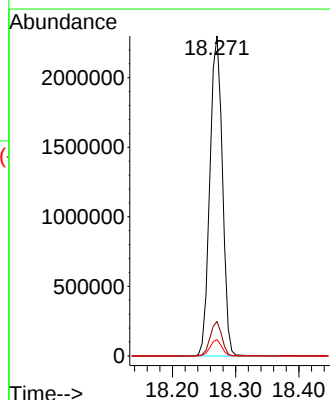
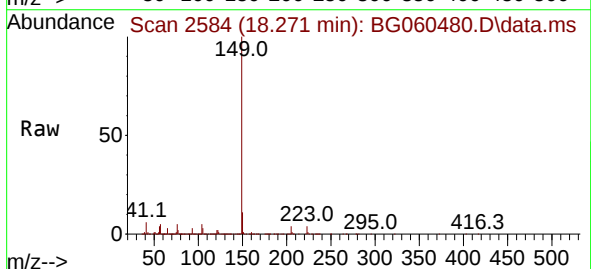
Tgt Ion:149 Resp: 3161588

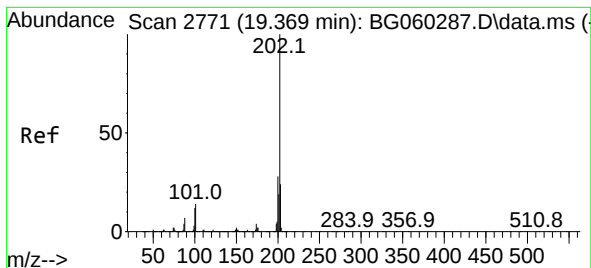
Ion Ratio Lower Upper

149 100

150 10.8 9.1 13.7

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 39.473 ng

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

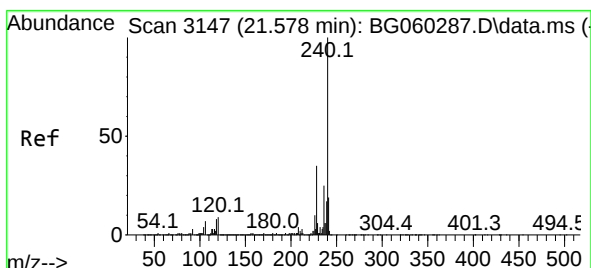
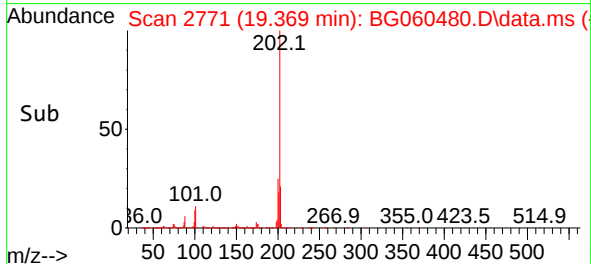
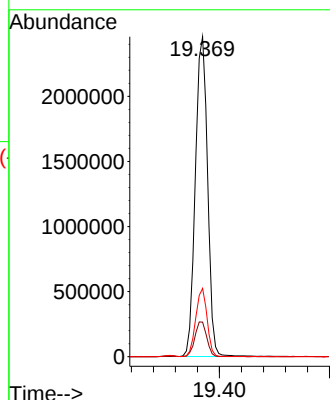
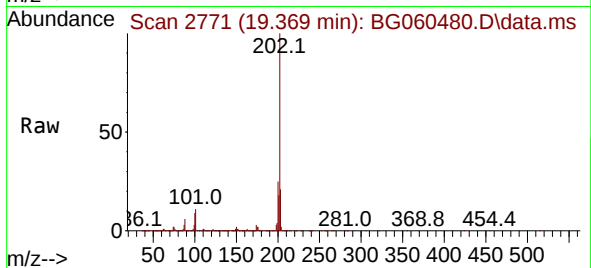
BNA\_G

ClientSampleId :

PB158666BS

Tgt Ion:202 Resp: 3779544

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.8  | 0.0   | 34.4  |
| 203 | 21.3  | 4.0   | 44.0  |



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3147

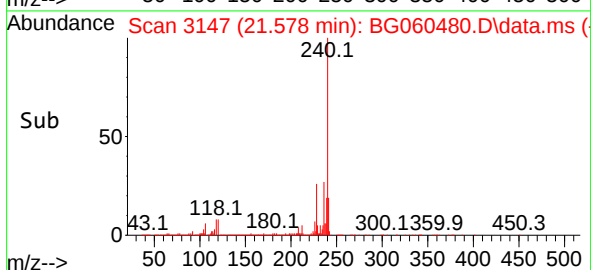
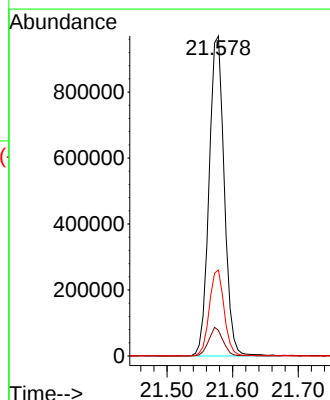
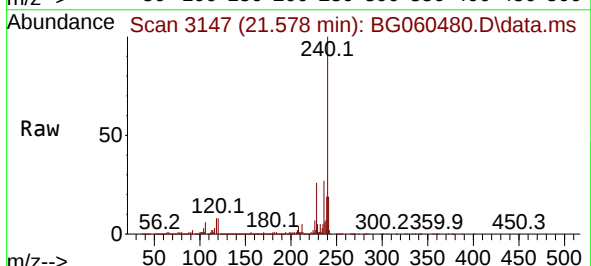
Delta R.T. 0.000 min

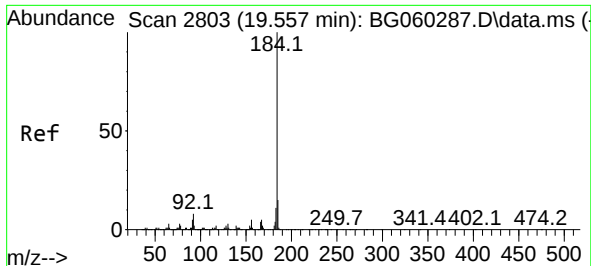
Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Tgt Ion:240 Resp: 1562334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.0   | 7.3   | 10.9  |
| 236 | 26.8  | 20.3  | 30.5  |

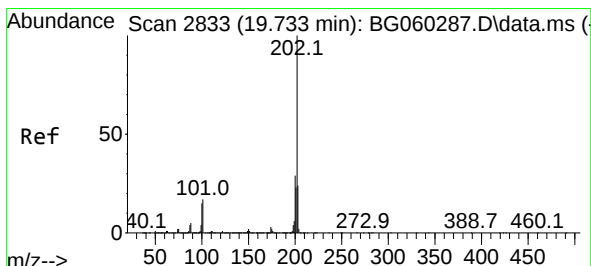
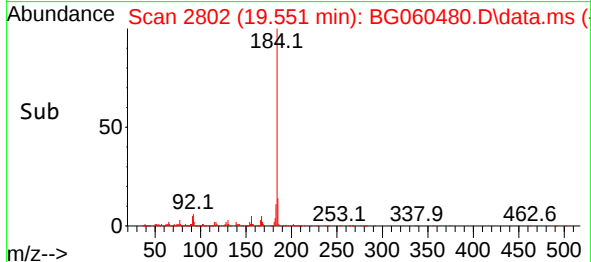
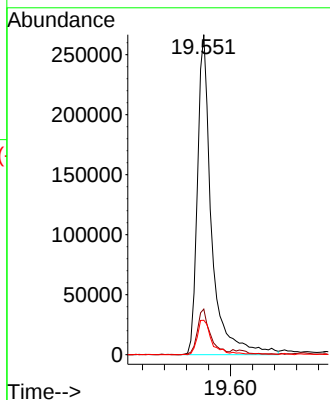
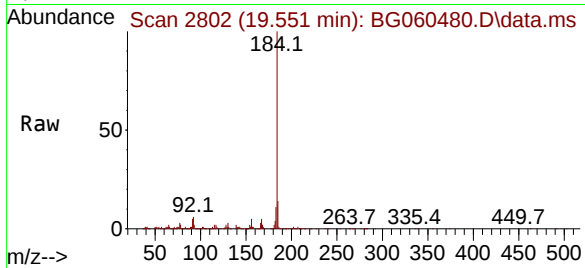




#77  
Benzidine  
Concen: 13.989 ng  
RT: 19.551 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

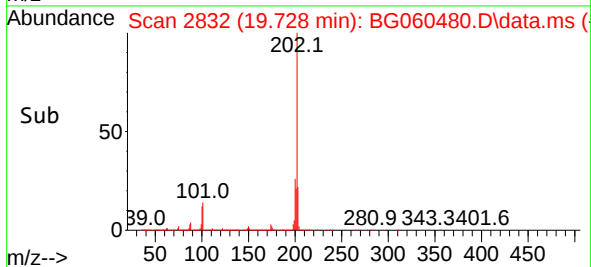
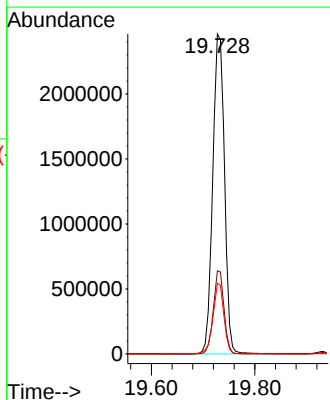
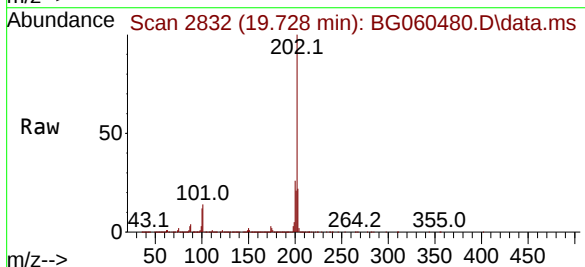
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

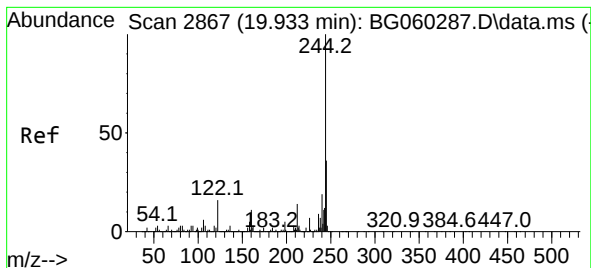
Tgt Ion:184 Resp: 474809  
Ion Ratio Lower Upper  
184 100  
185 14.3 12.2 18.4  
183 10.8 9.0 13.4



#78  
Pyrene  
Concen: 38.929 ng  
RT: 19.728 min Scan# 2832  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:202 Resp: 3883992  
Ion Ratio Lower Upper  
202 100  
200 25.9 23.5 35.3  
203 22.1 19.6 29.4





#79

Terphenyl-d14

Concen: 80.258 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

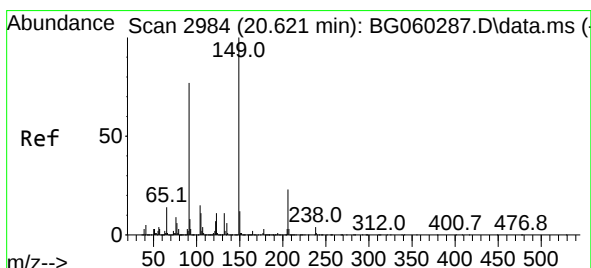
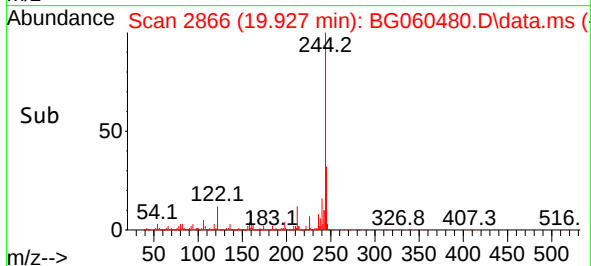
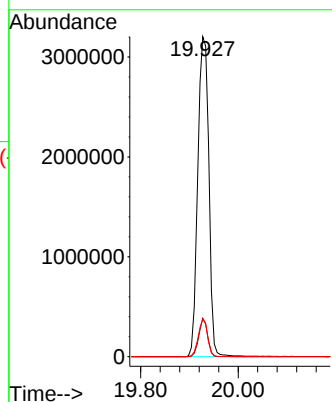
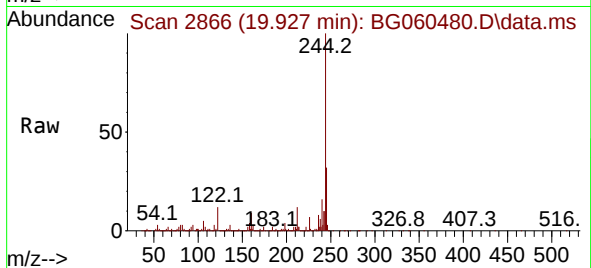
Tgt Ion:244 Resp: 5076910

Ion Ratio Lower Upper

244 100

212 12.0 10.9 16.3

122 11.8 12.6 18.8#



#80

Butylbenzylphthalate

Concen: 43.340 ng

RT: 20.615 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

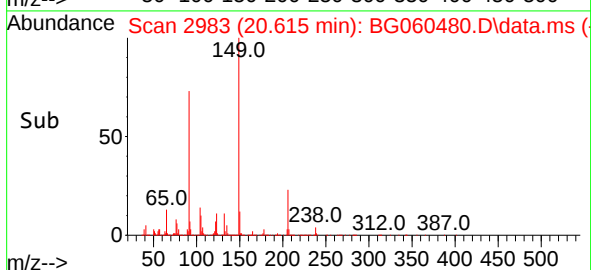
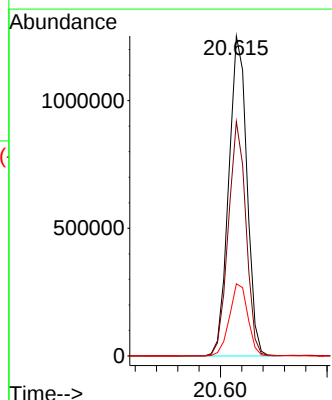
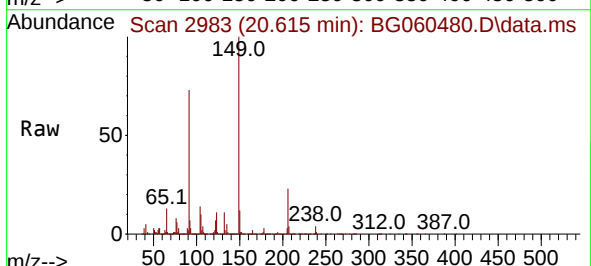
Tgt Ion:149 Resp: 1487648

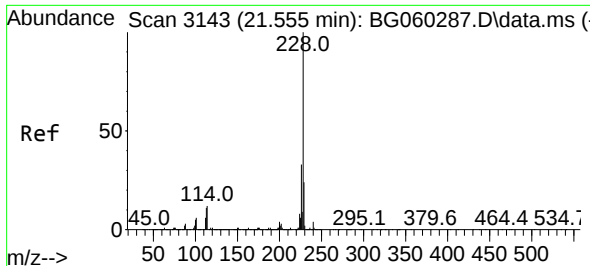
Ion Ratio Lower Upper

149 100

91 73.2 61.4 92.2

206 22.5 18.0 27.0

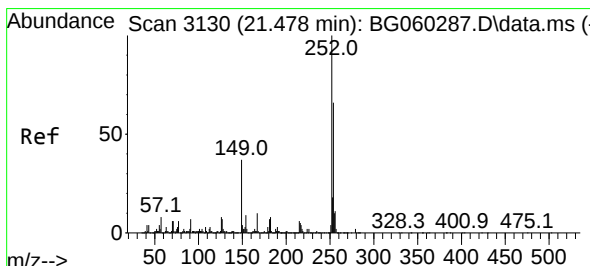
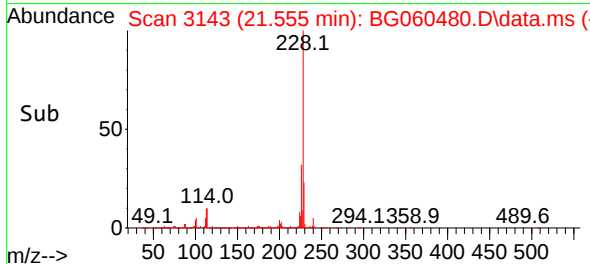
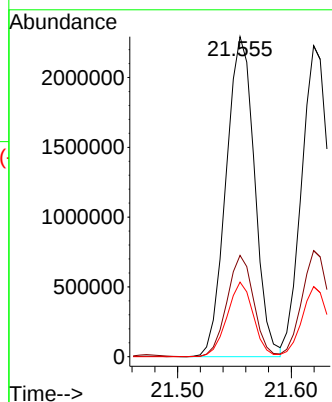
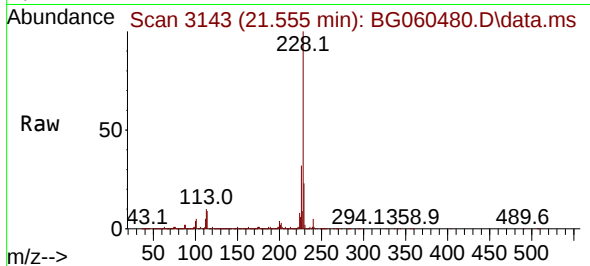




#81  
Benzo(a)anthracene  
Concen: 41.262 ng  
RT: 21.555 min Scan# 3143  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

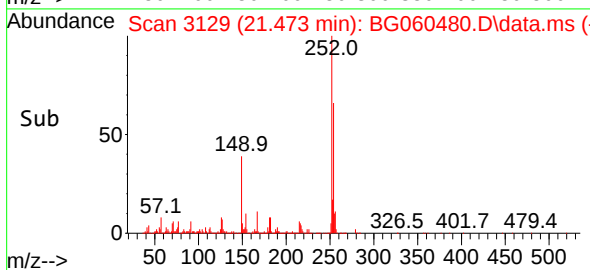
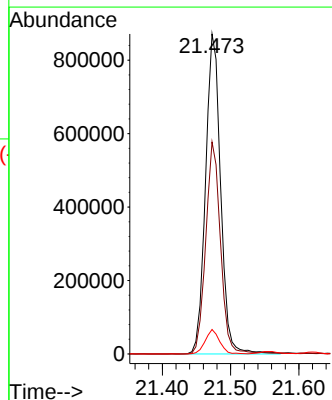
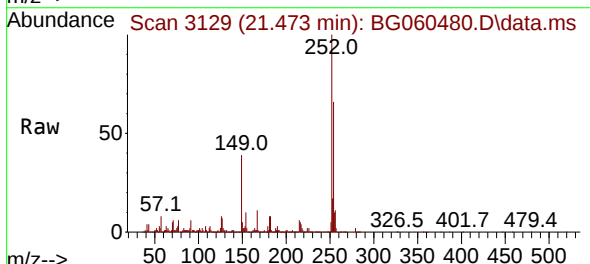
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

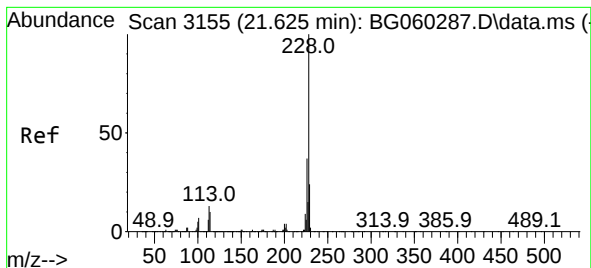
Tgt Ion:228 Resp: 3990824  
Ion Ratio Lower Upper  
228 100  
226 31.7 26.2 39.2  
229 23.3 19.4 29.2



#82  
3,3'-Dichlorobenzidine  
Concen: 36.188 ng  
RT: 21.473 min Scan# 3129  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:252 Resp: 1340426  
Ion Ratio Lower Upper  
252 100  
254 66.2 52.6 79.0  
126 7.7 6.3 9.5





#83

Chrysene

Concen: 39.699 ng

RT: 21.620 min Scan# 3155

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

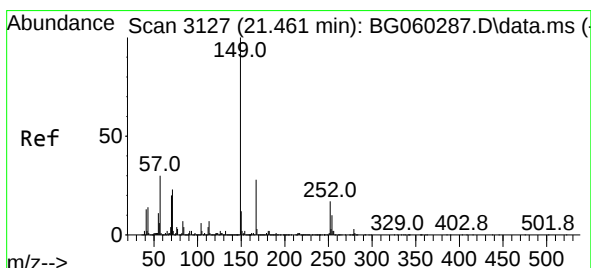
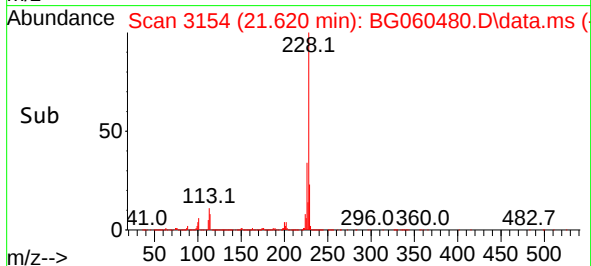
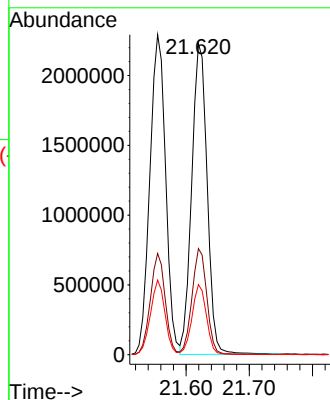
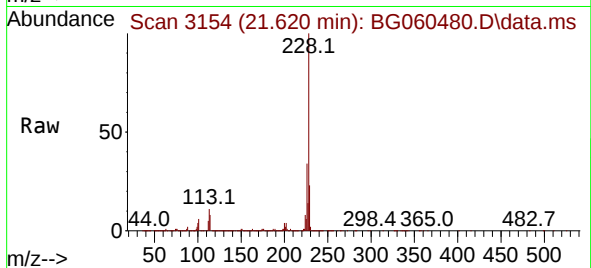
Tgt Ion:228 Resp: 3776362

Ion Ratio Lower Upper

228 100

226 34.1 29.4 44.2

229 22.5 19.2 28.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.619 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

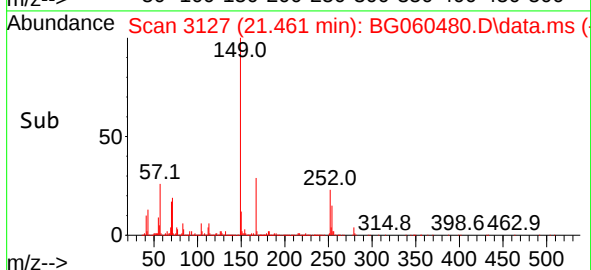
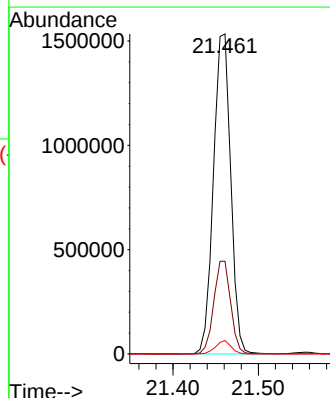
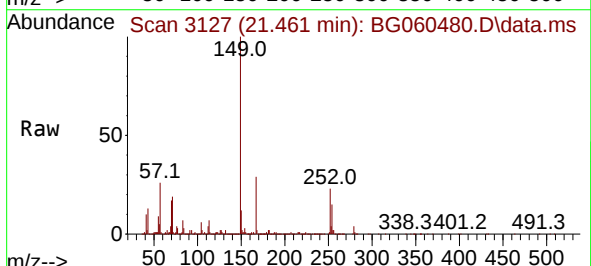
Tgt Ion:149 Resp: 2158728

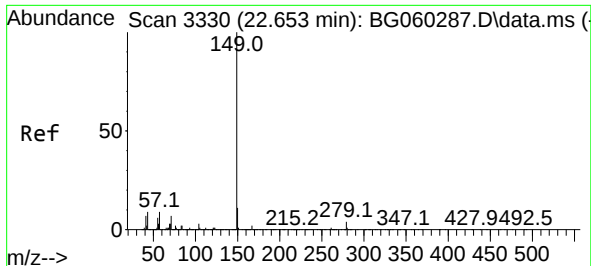
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.2

279 4.2 2.7 4.1#

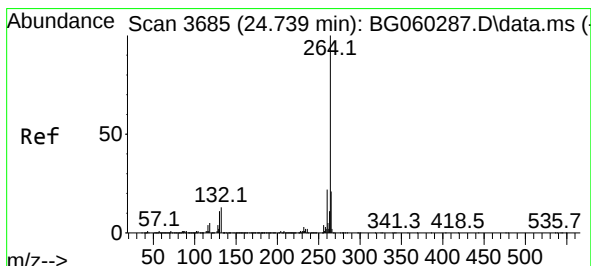
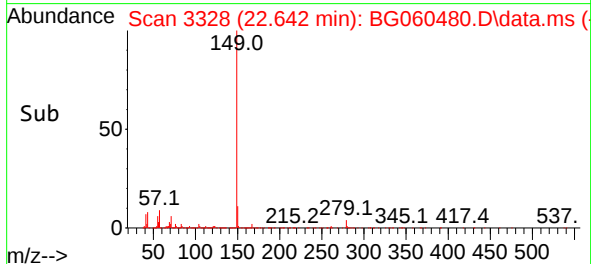
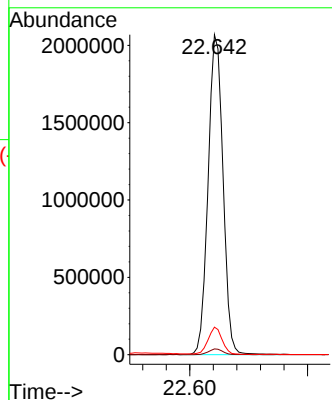
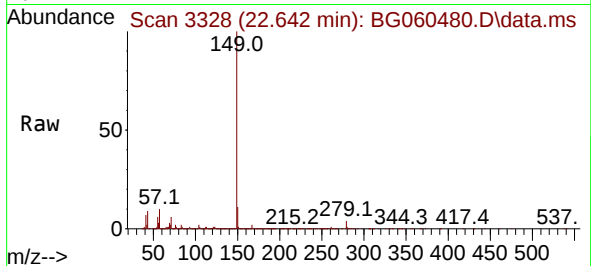




#85  
Di-n-octyl phthalate  
Concen: 43.232 ng  
RT: 22.642 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

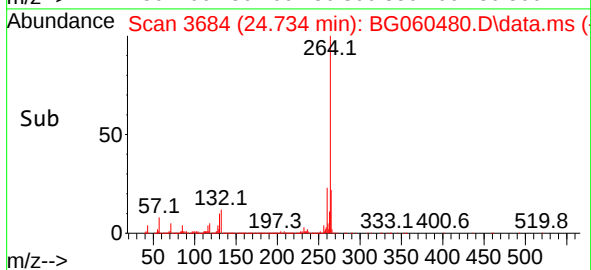
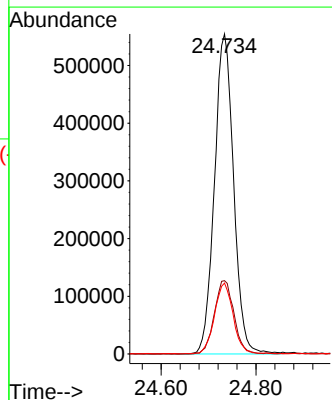
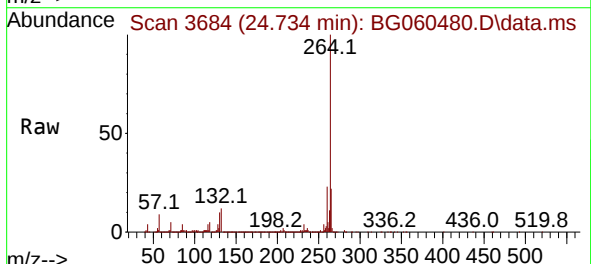
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

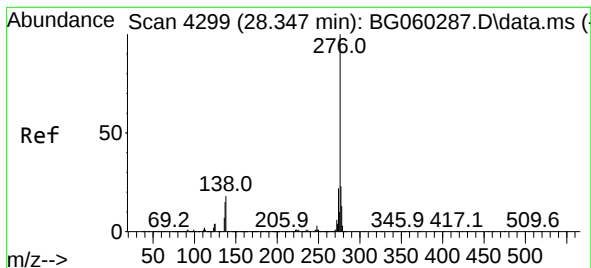
Tgt Ion:149 Resp: 3633810  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.0 6.8 10.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.734 min Scan# 3684  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:264 Resp: 1557385  
Ion Ratio Lower Upper  
264 100  
260 22.9 17.8 26.6  
265 22.1 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.683 ng

RT: 28.347 min Scan# 4299

Delta R.T. 0.000 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

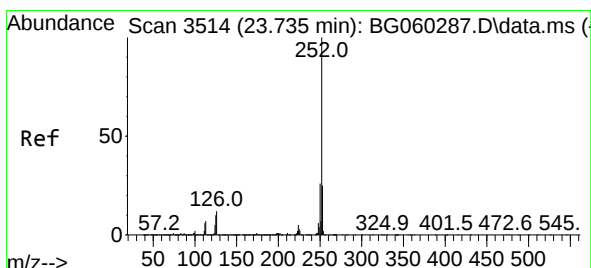
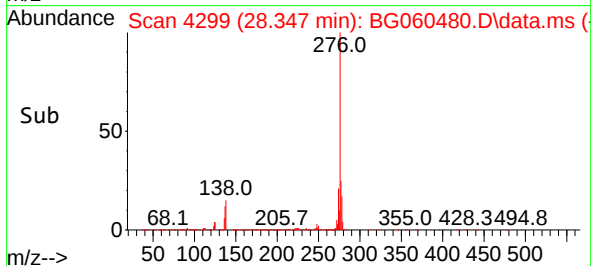
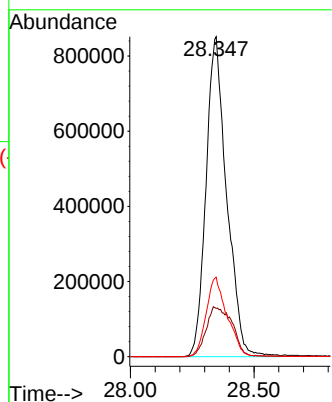
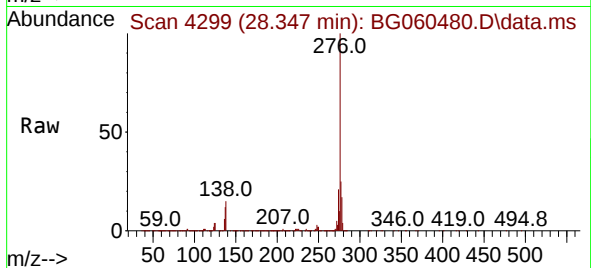
Tgt Ion:276 Resp: 4946831

Ion Ratio Lower Upper

276 100

138 19.6 12.5 18.7#

277 25.1 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 46.109 ng

RT: 23.735 min Scan# 3514

Delta R.T. 0.000 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

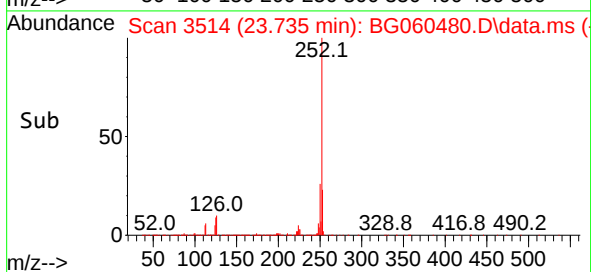
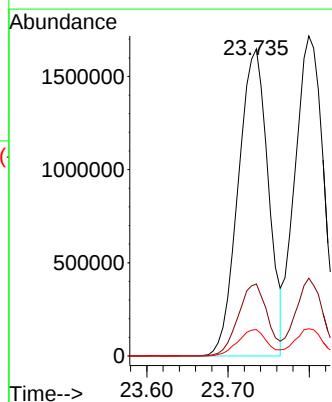
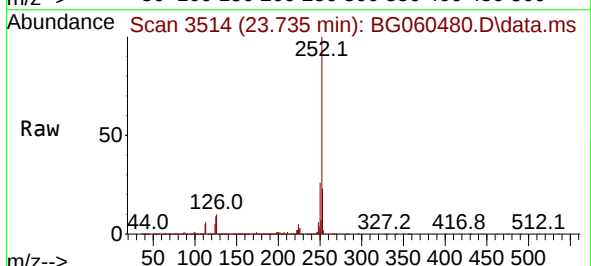
Tgt Ion:252 Resp: 4242231

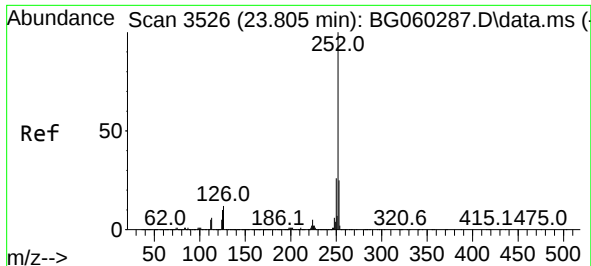
Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

125 8.6 8.1 12.1

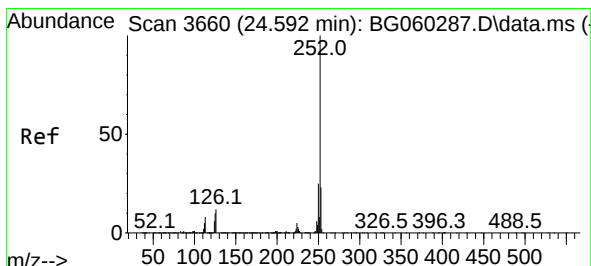
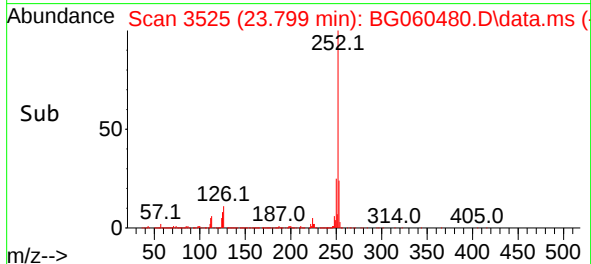
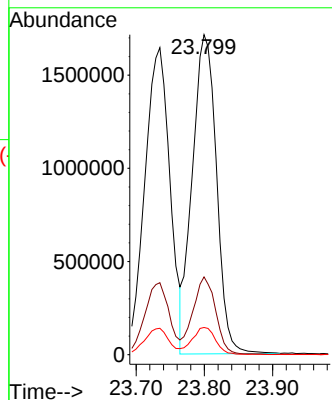
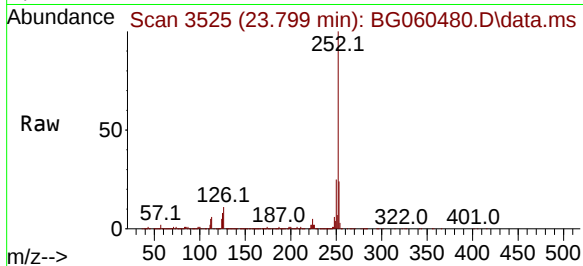




#89  
Benzo(k)fluoranthene  
Concen: 46.439 ng  
RT: 23.799 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

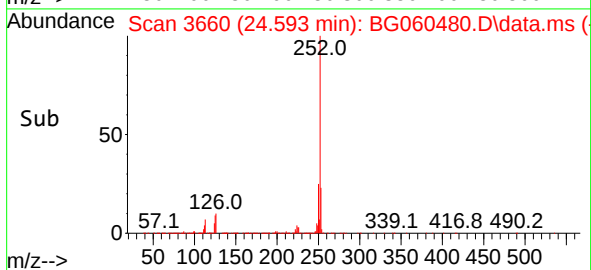
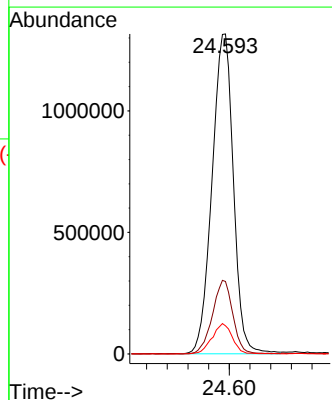
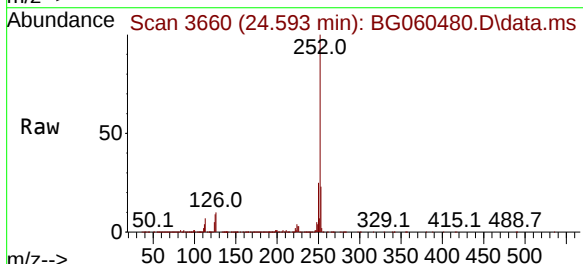
Instrument :  
BNA\_G  
ClientSampleId :  
PB158666BS

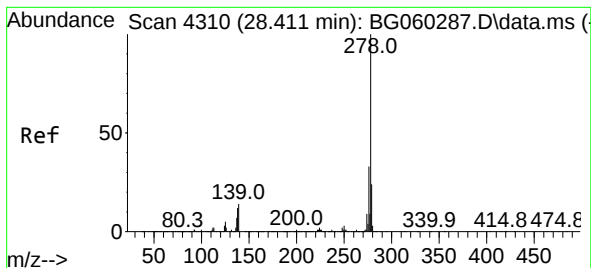
Tgt Ion:252 Resp: 4216207  
Ion Ratio Lower Upper  
252 100  
253 24.3 19.6 29.4  
125 8.5 8.2 12.2



#90  
Benzo(a)pyrene  
Concen: 45.378 ng  
RT: 24.593 min Scan# 3660  
Delta R.T. 0.000 min  
Lab File: BG060480.D  
Acq: 30 Jan 2024 12:29

Tgt Ion:252 Resp: 3771481  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.1 27.1  
125 8.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.843 ng

RT: 28.406 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Instrument :

BNA\_G

ClientSampleId :

PB158666BS

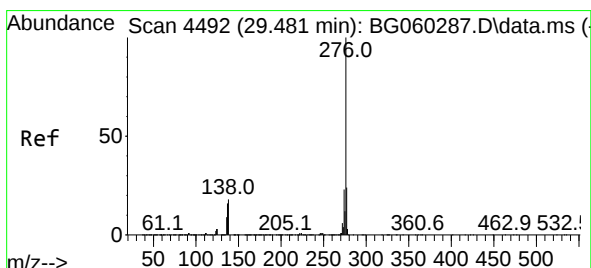
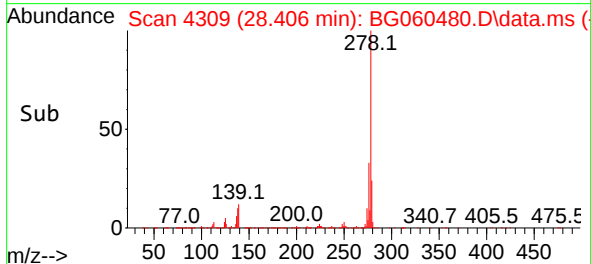
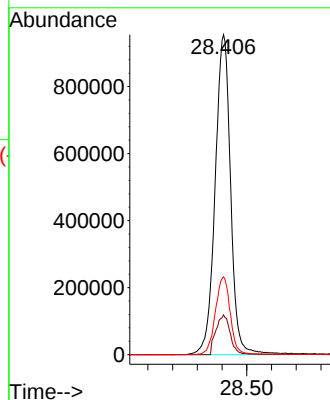
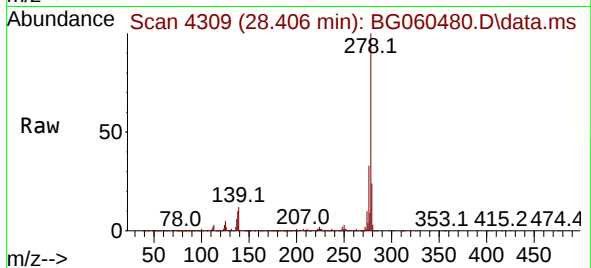
Tgt Ion:278 Resp: 4142541

Ion Ratio Lower Upper

278 100

139 12.4 10.9 16.3

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.034 ng

RT: 29.481 min Scan# 4492

Delta R.T. 0.000 min

Lab File: BG060480.D

Acq: 30 Jan 2024 12:29

Tgt Ion:276 Resp: 4081716

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 15.4 14.2 21.4

