

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111622\  
 Data File : BG055641.D  
 Acq On : 16 Nov 2022 10:43  
 Operator : CG/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Nov 16 15:40:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 15:38:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.254  | 152  | 36201    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.080 | 136  | 148874   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.875 | 164  | 110142   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.613 | 188  | 264967   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.914 | 240  | 265476   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.328 | 264  | 280954   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.780  | 112  | 10415    | 5.467  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.390  | 99   | 13471    | 5.134  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.423  | 82   | 13930    | 6.182  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.356 | 330  | 7575     | 6.672  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.501 | 172  | 39281    | 5.362  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.199 | 244  | 72724    | 5.479  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.618  | 88   | 2992     | 3.159  | ng    | 87       |
| 3) Pyridine                   | 4.041  | 79   | 6233     | 2.337  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.947  | 42   | 4042     | 2.784  | ng    | # 88     |
| 6) Aniline                    | 7.566  | 93   | 8536     | 2.459  | ng    | 90       |
| 8) 2-Chlorophenol             | 7.813  | 128  | 6009     | 2.800  | ng    | 94       |
| 9) Benzaldehyde               | 7.378  | 77   | 5336     | 2.620  | ng    | 92       |
| 10) Phenol                    | 7.414  | 94   | 7321     | 2.429  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.660  | 93   | 5909     | 2.446  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.289  | 146  | 7051     | 2.652  | ng    | 91       |
| 13) 1,4-Dichlorobenzene       | 8.289  | 146  | 7051     | 2.621  | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.612  | 146  | 6926     | 2.706  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.489  | 79   | 4538     | 2.003  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.777  | 45   | 10783    | 2.343  | ng    | 96       |
| 17) 2-Methylphenol            | 8.683  | 107  | 5472     | 2.577  | ng    | # 89     |
| 18) Hexachloroethane          | 9.352  | 117  | 2323     | 2.584  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 9.053  | 70   | 5075     | 2.355  | ng    | 93       |
| 20) 3+4-Methylphenols         | 9.006  | 107  | 6941     | 2.347  | ng    | 98       |
| 22) Acetophenone              | 9.076  | 105  | 9931     | 2.504  | ng    | # 97     |
| 24) Nitrobenzene              | 9.470  | 77   | 7333     | 2.860  | ng    | 90       |
| 25) Isophorone                | 9.987  | 82   | 13368    | 2.391  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.187 | 139  | 3087     | 3.823  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.222 | 122  | 4895     | 2.432  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.463 | 93   | 7314     | 2.431  | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.716 | 162  | 5825     | 2.604  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.939 | 180  | 7089     | 2.556  | ng    | 99       |
| 31) Naphthalene               | 11.133 | 128  | 20555    | 2.549  | ng    | 99       |
| 32) Benzoic acid              | 10.304 | 122  | 3035     | 2.472  | ng    | # 64     |
| 33) 4-Chloroaniline           | 11.233 | 127  | 8219     | 2.438  | ng    | # 94     |
| 34) Hexachlorobutadiene       | 11.415 | 225  | 5107     | 2.747  | ng    | # 88     |
| 35) Caprolactam               | 11.961 | 113  | 2189     | 2.855  | ng    | # 80     |
| 36) 4-Chloro-3-methylphenol   | 12.325 | 107  | 6143     | 2.350  | ng    | 87       |
| 37) 2-Methylnaphthalene       | 12.719 | 142  | 14850    | 2.444  | ng    | 94       |
| 38) 1-Methylnaphthalene       | 12.936 | 142  | 14715    | 2.478  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.083 | 216  | 8850     | 2.673  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.060 | 237  | 3344     | 2.294  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.307 | 196  | 5778     | 2.910  | ng    | 99       |

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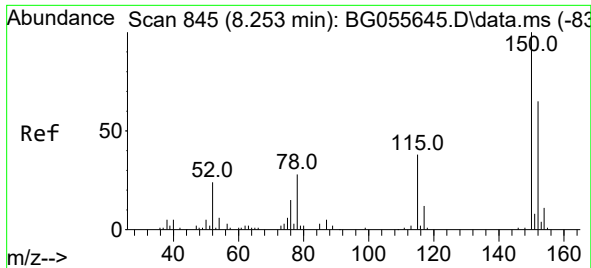
Quant Time: Nov 16 15:40:59 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 15:38:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.383 | 196  | 5974     | 2.640 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.712 | 154  | 20967    | 2.599 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.759 | 162  | 15980    | 2.558 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.947 | 65   | 4739     | 3.406 | ng    | # 86     |
| 49) Acenaphthylene            | 14.599 | 152  | 25777    | 2.495 | ng    | 99       |
| 50) Dimethylphthalate         | 14.311 | 163  | 22726    | 2.698 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.435 | 165  | 4030     | 3.136 | ng    | # 90     |
| 52) Acenaphthene              | 14.940 | 154  | 16465    | 2.537 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.764 | 138  | 4434     | 2.764 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.969 | 184  | 1763     | 2.867 | ng    | # 85     |
| 55) Dibenzofuran              | 15.269 | 168  | 26240    | 2.540 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.052 | 139  | 3479     | 2.663 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 15.216 | 165  | 4965     | 2.905 | ng    | # 93     |
| 58) Fluorene                  | 15.915 | 166  | 21237    | 2.580 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.486 | 232  | 6077     | 2.883 | ng    | # 96     |
| 60) Diethylphthalate          | 15.663 | 149  | 23344    | 2.727 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.904 | 204  | 11408    | 2.596 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.921 | 138  | 4549     | 2.661 | ng    | 92       |
| 63) Azobenzene                | 16.191 | 77   | 19456    | 2.366 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.980 | 198  | 2584     | 2.756 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.115 | 169  | 19301    | 2.610 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.797 | 248  | 7577     | 2.758 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.920 | 284  | 8756     | 2.712 | ng    | 96       |
| 69) Atrazine                  | 17.043 | 200  | 7372     | 2.738 | ng    | 99       |
| 70) Pentachlorophenol         | 17.255 | 266  | 3903     | 2.145 | ng    | 92       |
| 71) Phenanthrene              | 17.654 | 178  | 38460    | 2.698 | ng    | 97       |
| 72) Anthracene                | 17.748 | 178  | 35846    | 2.572 | ng    | 98       |
| 73) Carbazole                 | 18.013 | 167  | 33647    | 2.671 | ng    | 96       |
| 74) Di-n-butylphthalate       | 18.553 | 149  | 40421    | 2.789 | ng    | 98       |
| 75) Fluoranthene              | 19.652 | 202  | 47531    | 2.790 | ng    | 100      |
| 77) Benzidine                 | 19.823 | 184  | 20615    | 2.937 | ng    | 97       |
| 78) Pyrene                    | 20.016 | 202  | 49937    | 2.769 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.886 | 149  | 19699    | 3.233 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.891 | 228  | 55037    | 3.022 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.797 | 252  | 19151    | 3.195 | ng    | 93       |
| 83) Chrysene                  | 21.961 | 228  | 52433    | 3.025 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.773 | 149  | 31460    | 3.449 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 23.048 | 149  | 61328    | 3.857 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.235 | 276  | 105393   | 4.875 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.235 | 252  | 74433    | 4.151 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.305 | 252  | 73312    | 4.019 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.163 | 252  | 71558    | 4.642 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.311 | 278  | 83033    | 4.651 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.469 | 276  | 92171    | 5.256 | ng    | 96       |

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

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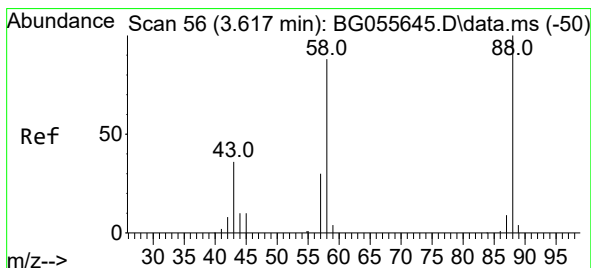
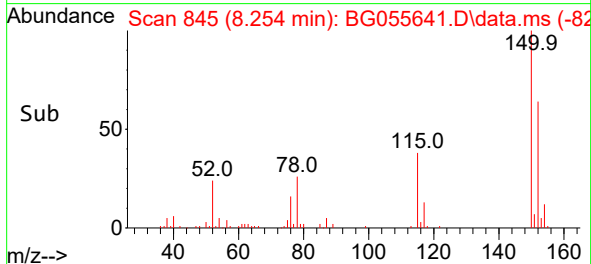
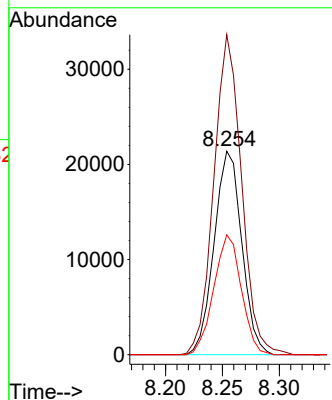
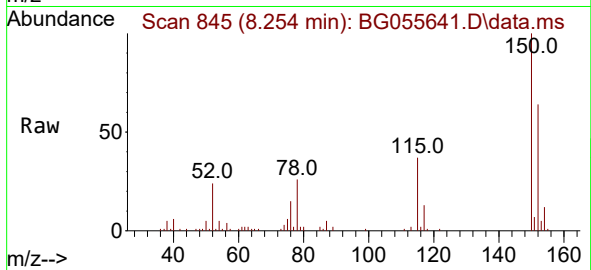




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.254 min Scan# 84  
 Delta R.T. 0.001 min  
 Lab File: BG055641.D  
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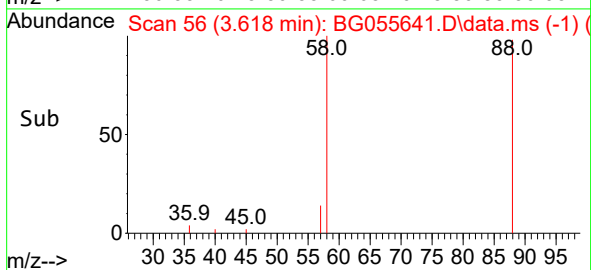
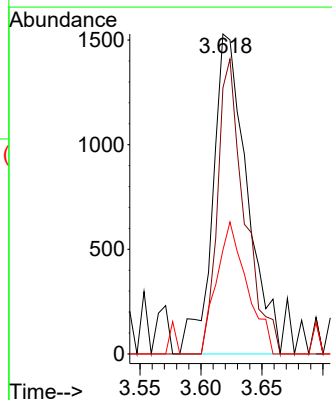
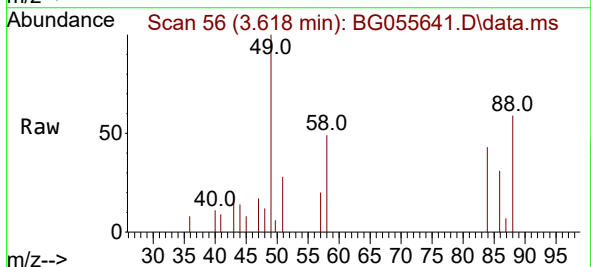
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

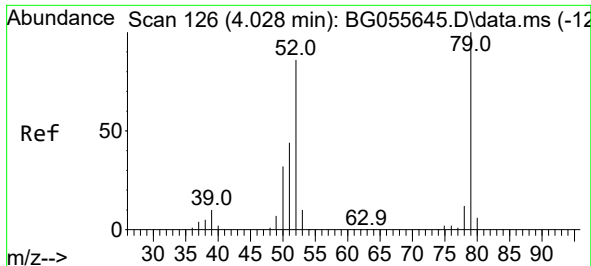
Tgt Ion:152 Resp: 36201  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 123.0 184.6  
 115 58.9 47.0 70.4



#2  
 1,4-Dioxane  
 Concen: 3.159 ng  
 RT: 3.618 min Scan# 56  
 Delta R.T. 0.001 min  
 Lab File: BG055641.D  
 Acq: 16 Nov 2022 10:43

Tgt Ion: 88 Resp: 2992  
 Ion Ratio Lower Upper  
 88 100  
 58 72.7 71.3 106.9  
 43 36.8 28.6 43.0

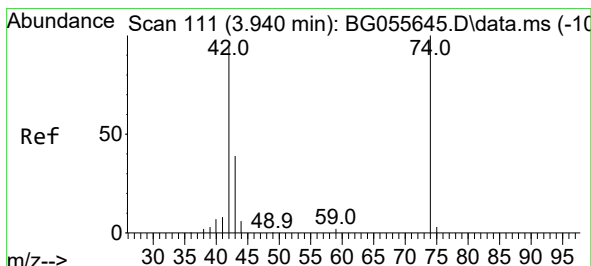
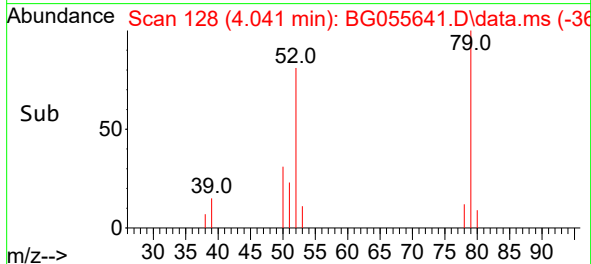
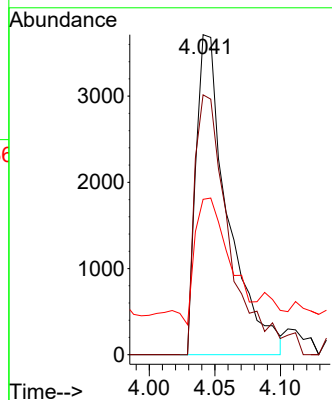
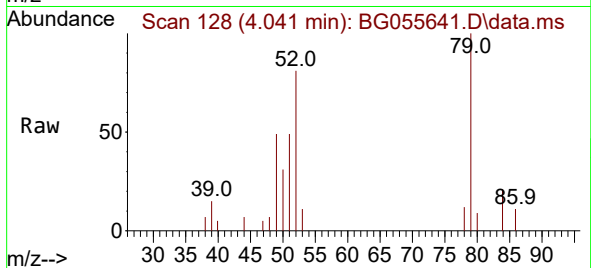




#3  
Pyridine  
Concen: 2.337 ng  
RT: 4.041 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

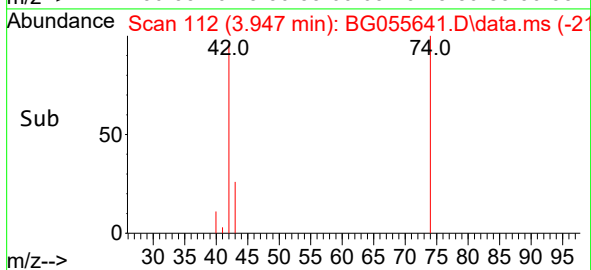
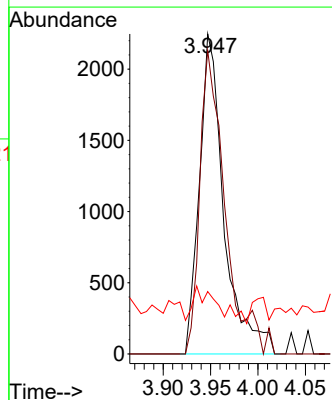
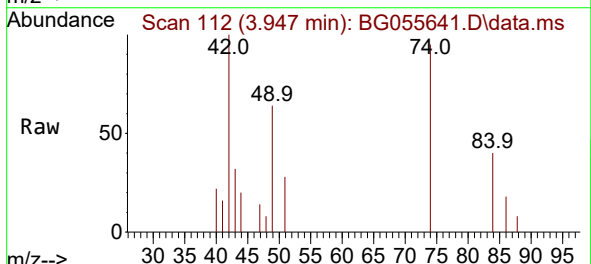
Instrument :  
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ClientSampleId :  
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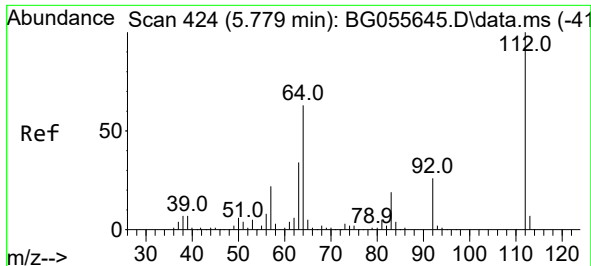
Tgt Ion: 79 Resp: 6233  
Ion Ratio Lower Upper  
79 100  
52 81.2 68.9 103.3  
51 48.5 34.8 52.2



#4  
n-Nitrosodimethylamine  
Concen: 2.784 ng  
RT: 3.947 min Scan# 112  
Delta R.T. 0.007 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 42 Resp: 4042  
Ion Ratio Lower Upper  
42 100  
74 94.8 84.7 127.1  
44 19.5 5.4 8.0#

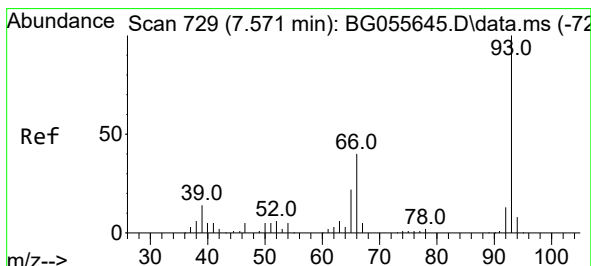
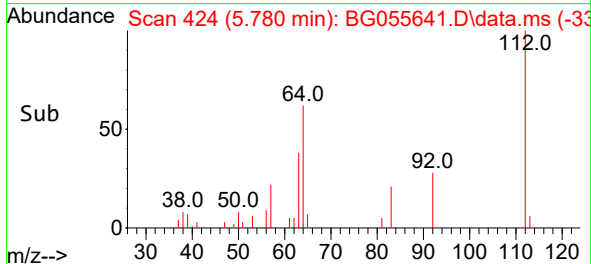
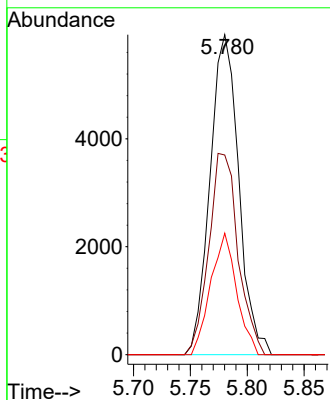
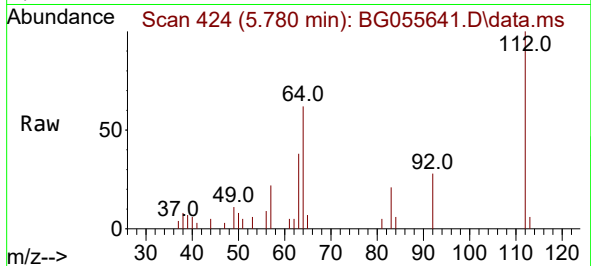




#5  
2-Fluorophenol  
Concen: 5.467 ng  
RT: 5.780 min Scan# 41  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

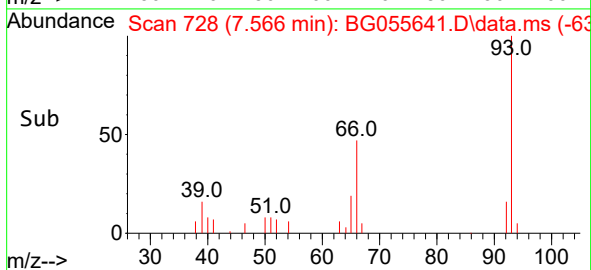
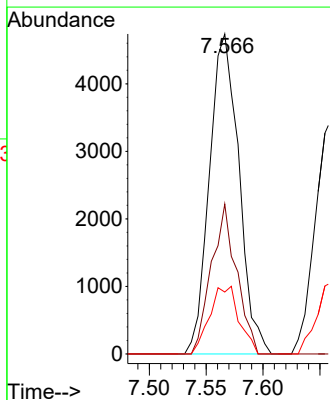
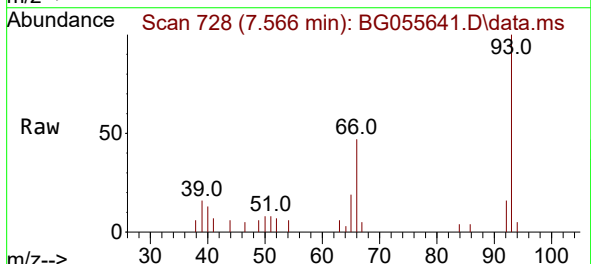
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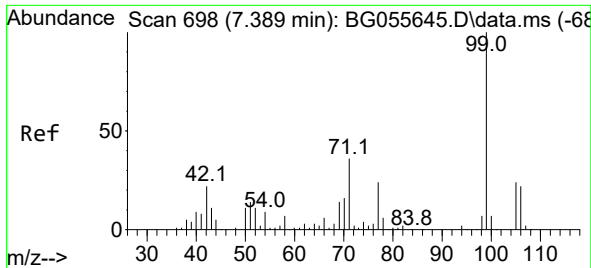
Tgt Ion:112 Resp: 10415  
Ion Ratio Lower Upper  
112 100  
64 62.4 50.6 76.0  
63 37.9 27.5 41.3



#6  
Aniline  
Concen: 2.459 ng  
RT: 7.566 min Scan# 728  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
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Tgt Ion: 93 Resp: 8536  
Ion Ratio Lower Upper  
93 100  
66 46.9 31.7 47.5  
65 19.3 17.9 26.9

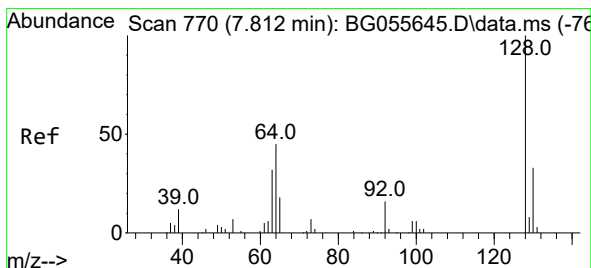
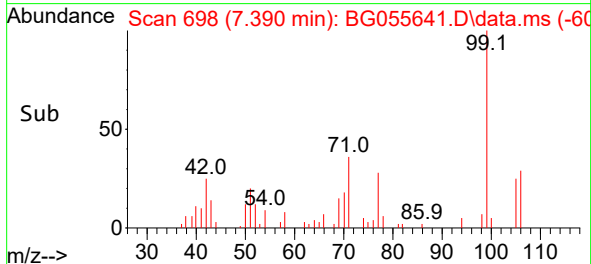
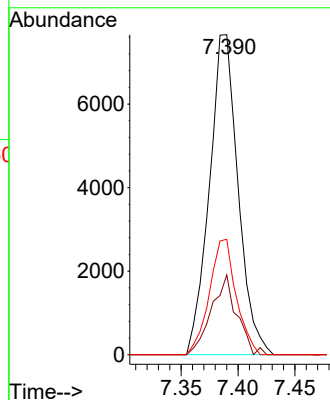
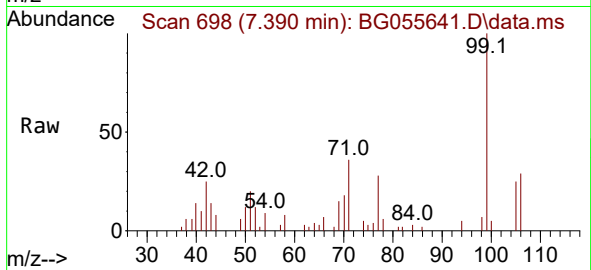




#7  
Phenol-d6  
Concen: 5.134 ng  
RT: 7.390 min Scan# 698  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

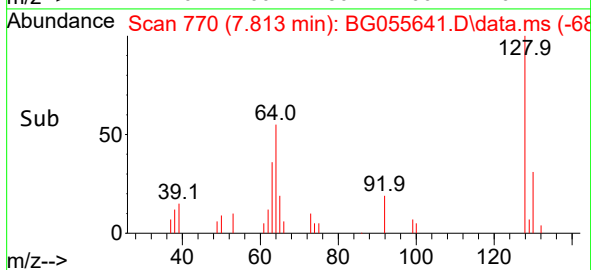
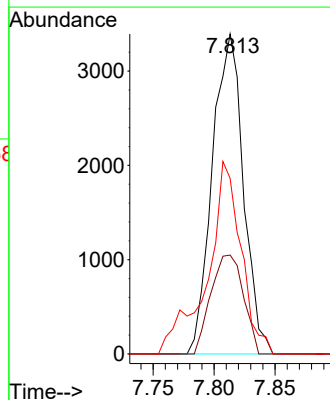
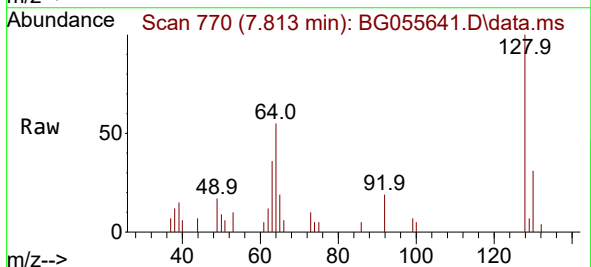
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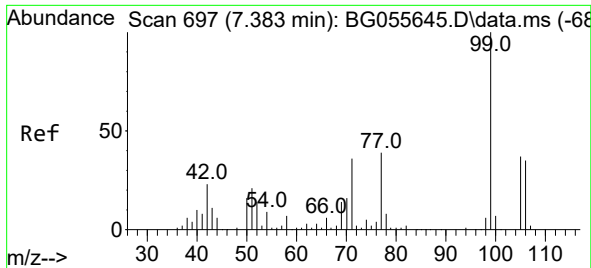
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|-------------|-------------|
| Tgt Ion: 99 | Resp: 13471 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 25.0     | 18.0 27.0   |
| 71 36.0     | 29.0 43.6   |



#8  
2-Chlorophenol  
Concen: 2.800 ng  
RT: 7.813 min Scan# 770  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

|              |             |
|--------------|-------------|
| Tgt Ion: 128 | Resp: 6009  |
| Ion Ratio    | Lower Upper |
| 128 100      |             |
| 130 30.9     | 13.1 53.1   |
| 64 54.8      | 30.2 70.2   |

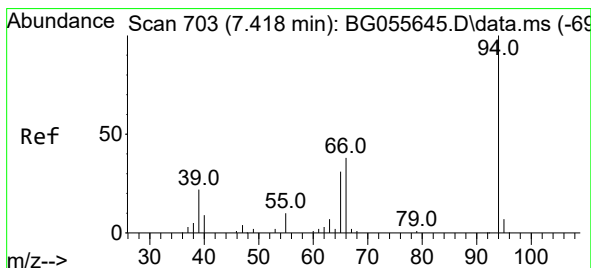
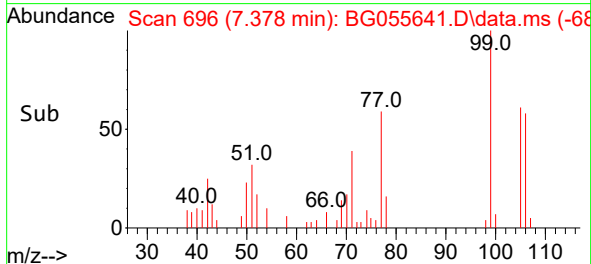
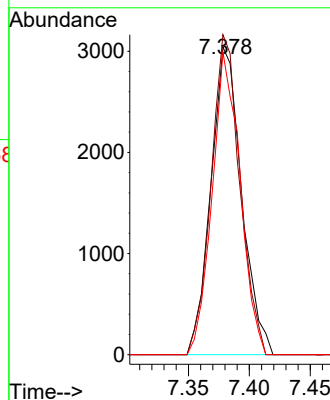
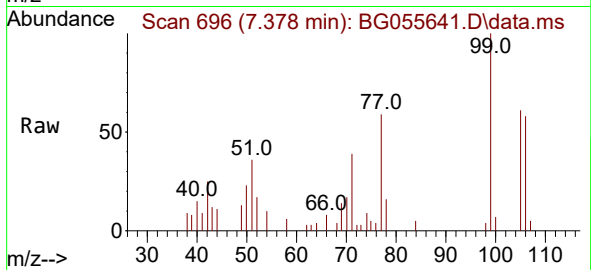




#9  
Benzaldehyde  
Concen: 2.620 ng  
RT: 7.378 min Scan# 697  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

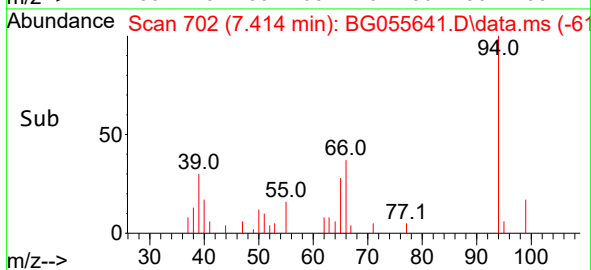
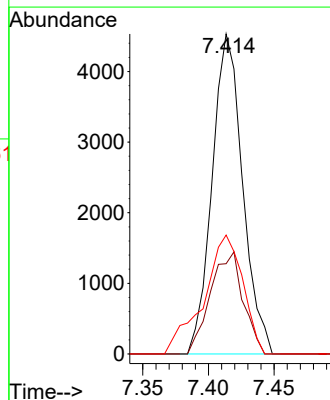
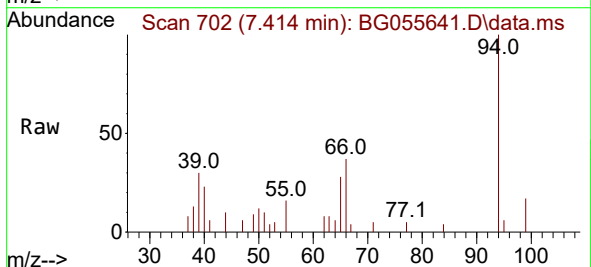
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

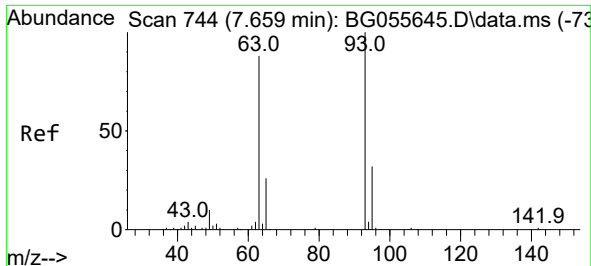
Tgt Ion: 77 Resp: 5336  
Ion Ratio Lower Upper  
77 100  
105 104.0 76.3 116.3  
106 98.3 69.8 109.8



#10  
Phenol  
Concen: 2.429 ng  
RT: 7.414 min Scan# 702  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 94 Resp: 7321  
Ion Ratio Lower Upper  
94 100  
65 28.2 11.8 51.8  
66 37.1 20.5 60.5

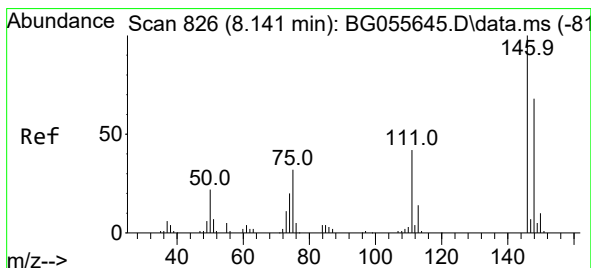
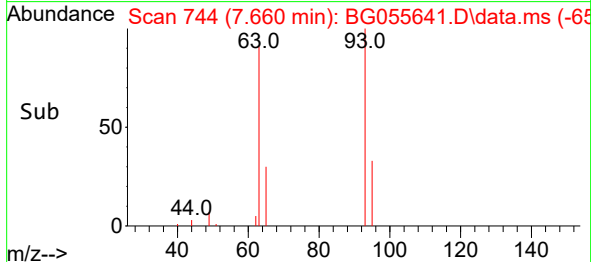
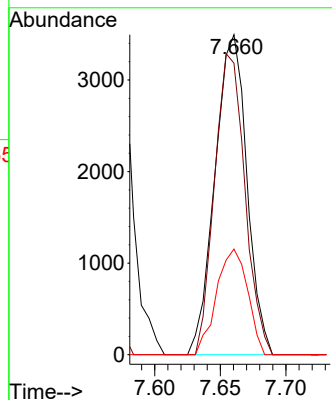
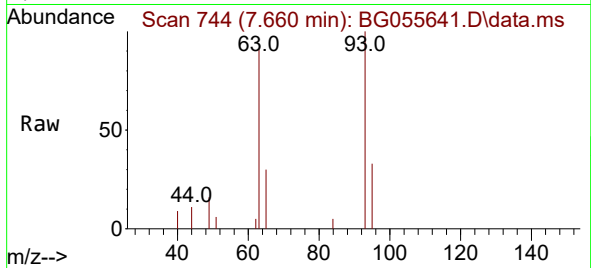




#11  
bis(2-Chloroethyl)ether  
Concen: 2.446 ng  
RT: 7.660 min Scan# 744  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

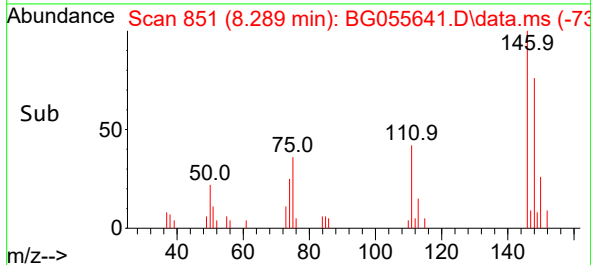
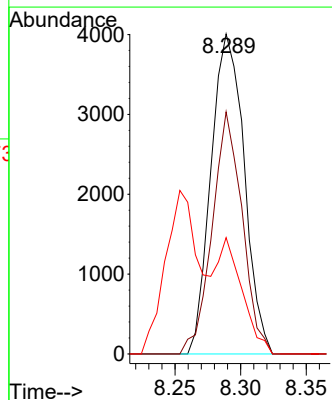
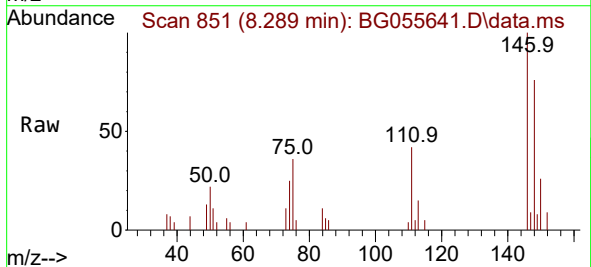
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

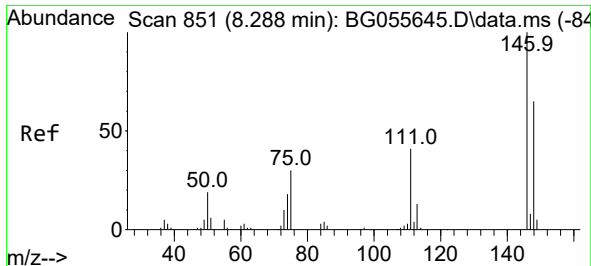
Tgt Ion: 93 Resp: 5909  
Ion Ratio Lower Upper  
93 100  
63 91.1 67.6 107.6  
95 33.0 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 2.652 ng  
RT: 8.289 min Scan# 851  
Delta R.T. 0.148 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 146 Resp: 7051  
Ion Ratio Lower Upper  
146 100  
148 75.7 54.6 81.8  
75 36.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 2.621 ng

RT: 8.289 min Scan# 851

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

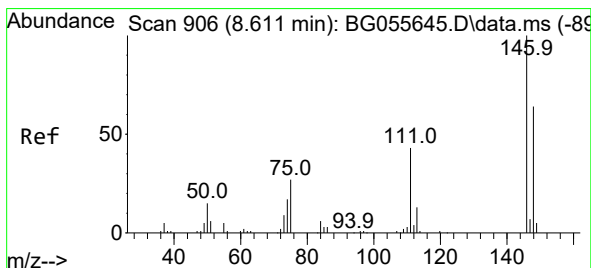
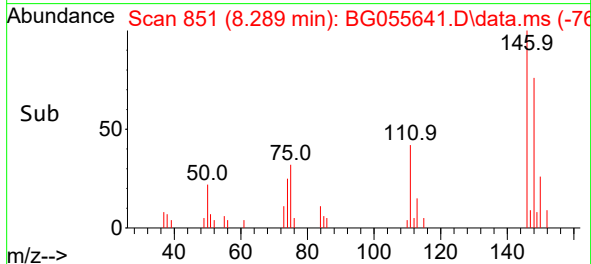
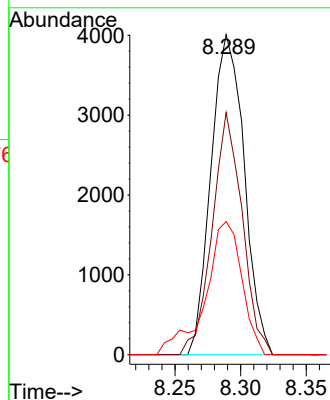
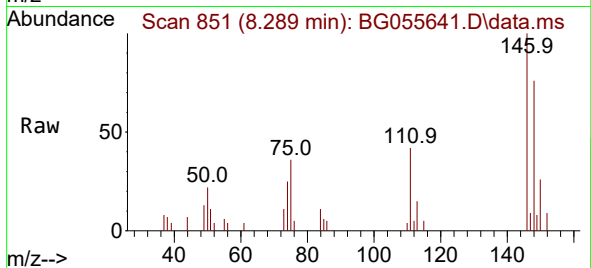
Tgt Ion:146 Resp: 7051

Ion Ratio Lower Upper

146 100

148 75.7 52.1 78.1

111 41.6 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 2.706 ng

RT: 8.612 min Scan# 906

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

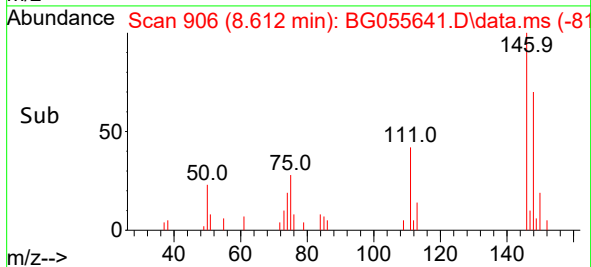
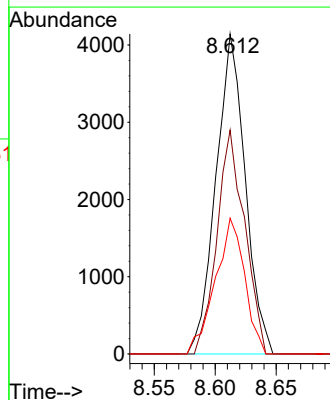
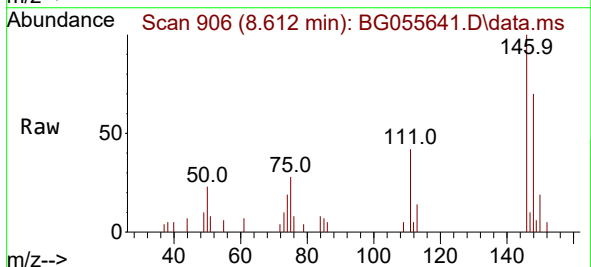
Tgt Ion:146 Resp: 6926

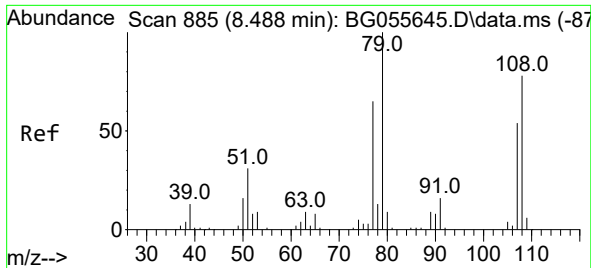
Ion Ratio Lower Upper

146 100

148 70.0 50.9 76.3

111 42.4 34.5 51.7

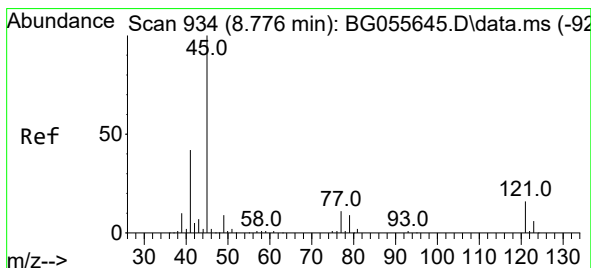
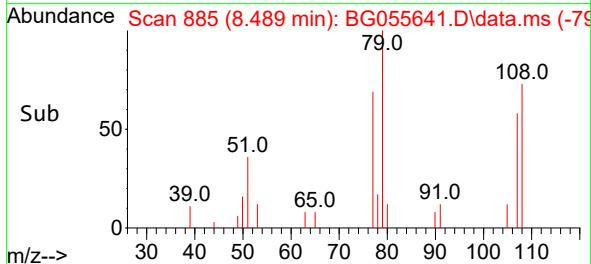
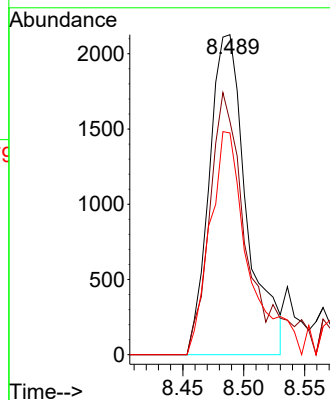
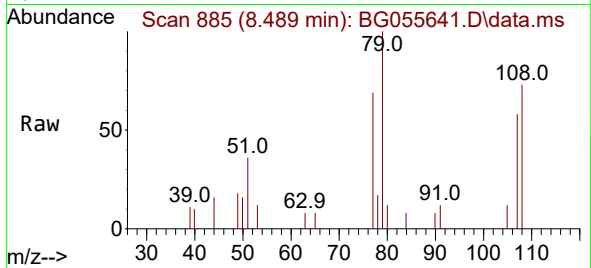




#15  
Benzyl Alcohol  
Concen: 2.003 ng  
RT: 8.489 min Scan# 885  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

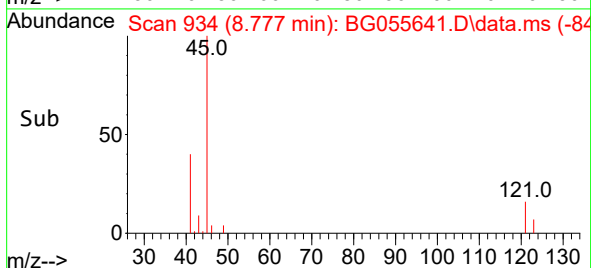
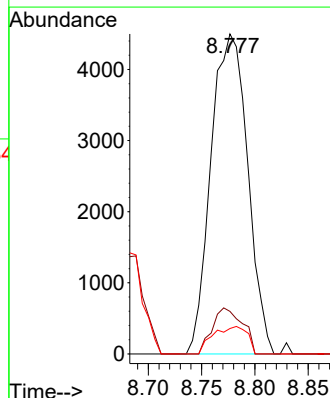
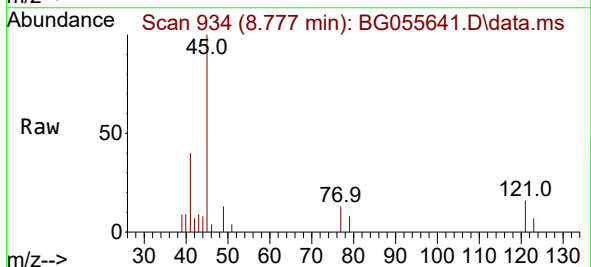
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

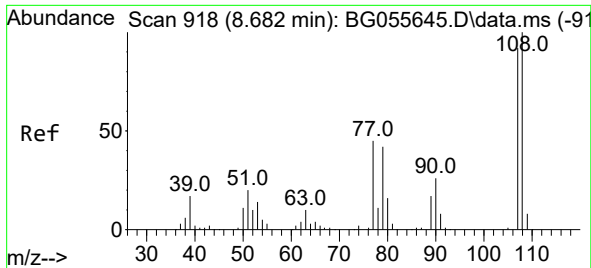
Tgt Ion: 79 Resp: 4538  
Ion Ratio Lower Upper  
79 100  
108 72.9 62.6 93.8  
77 69.3 52.4 78.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.343 ng  
RT: 8.777 min Scan# 934  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 45 Resp: 10783  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 31.7  
79 8.0 0.0 29.5

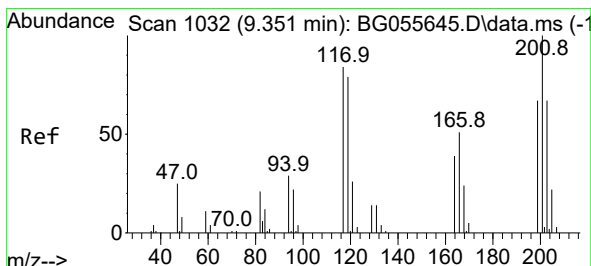
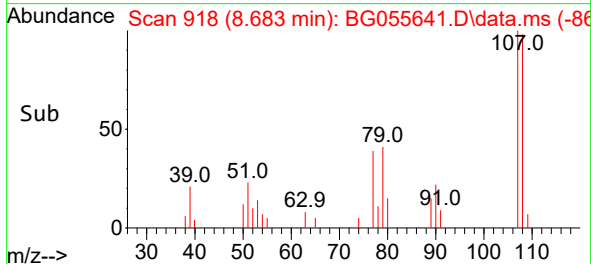
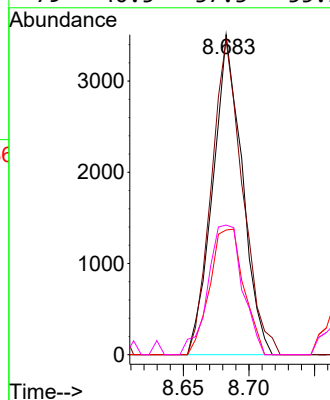
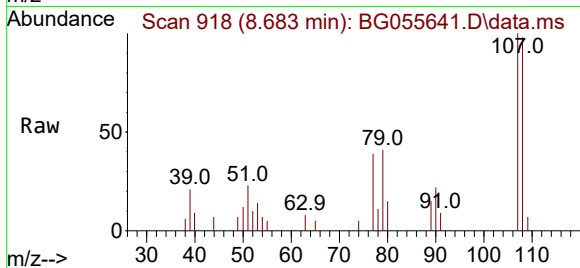




#17  
2-Methylphenol  
Concen: 2.577 ng  
RT: 8.683 min Scan# 918  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

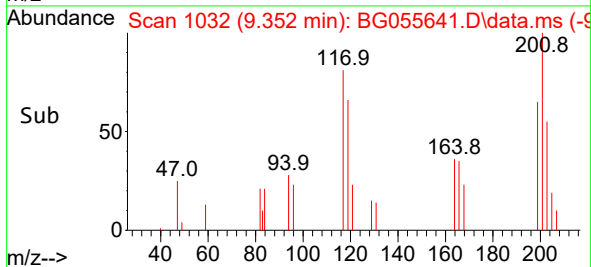
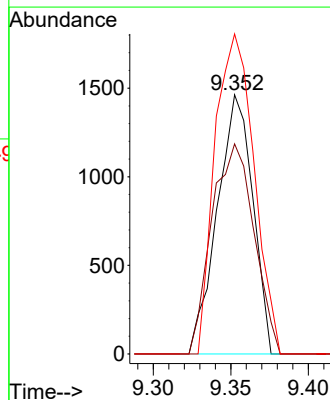
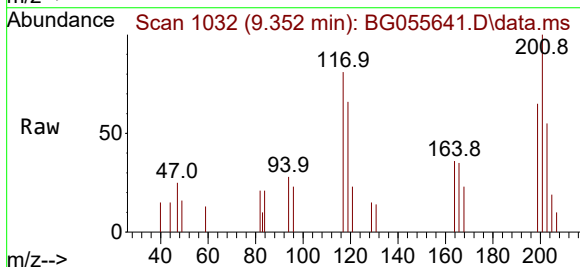
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

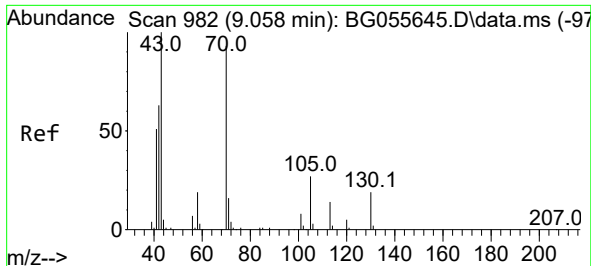
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 5472  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 98.3  | 87.3  | 130.9 |
| 77       | 39.0  | 39.4  | 59.0# |
| 79       | 40.5  | 37.3  | 55.9  |



#18  
Hexachloroethane  
Concen: 2.584 ng  
RT: 9.352 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 2323  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 81.1  | 76.0  | 114.0 |
| 201      | 123.4 | 98.6  | 148.0 |

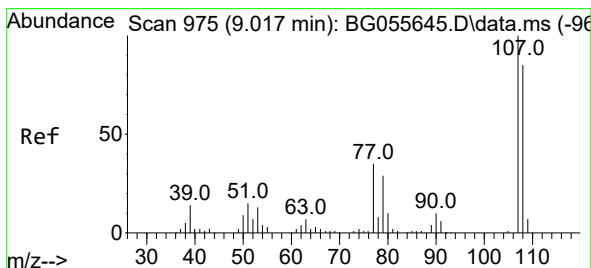
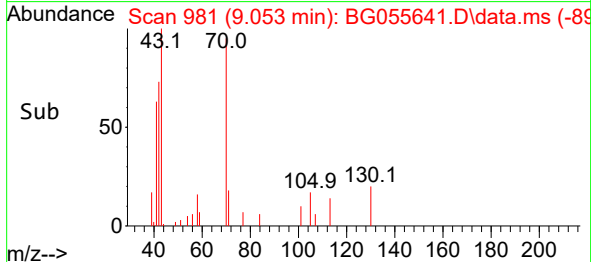
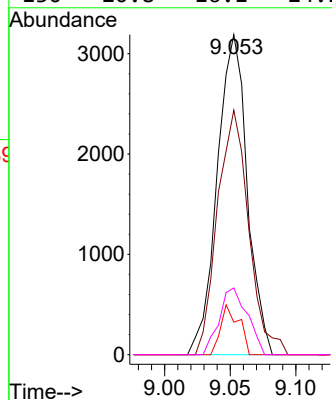
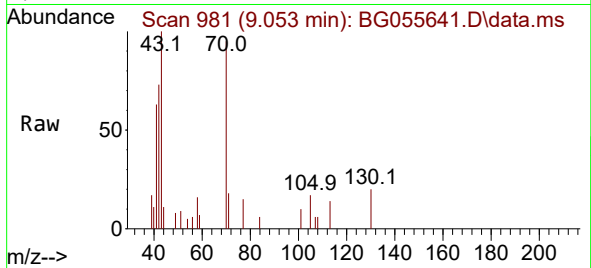




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.355 ng  
RT: 9.053 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

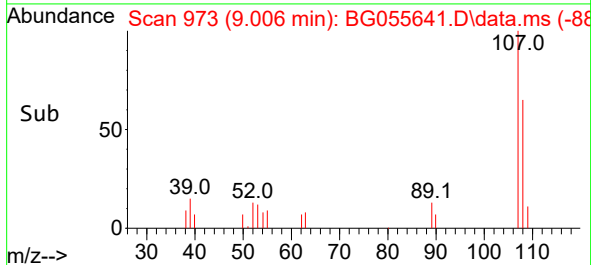
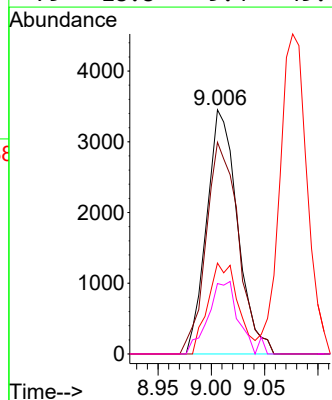
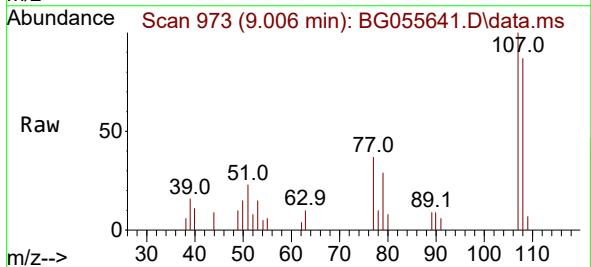
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

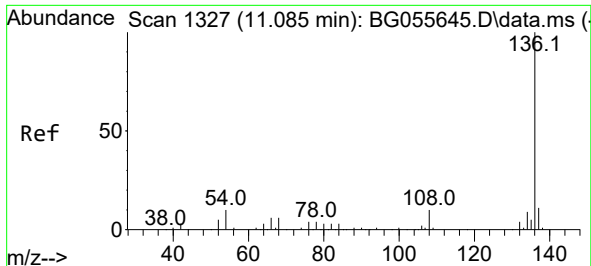
Tgt Ion: 70 Resp: 5075  
Ion Ratio Lower Upper  
70 100  
42 76.4 55.2 82.8  
101 10.2 7.1 10.7  
130 20.8 16.1 24.1



#20  
3+4-Methylphenols  
Concen: 2.347 ng  
RT: 9.006 min Scan# 973  
Delta R.T. -0.011 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 107 Resp: 6941  
Ion Ratio Lower Upper  
107 100  
108 86.7 65.5 105.5  
77 37.2 14.6 54.6  
79 28.8 9.4 49.4

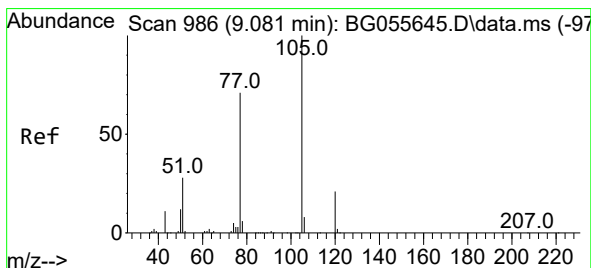
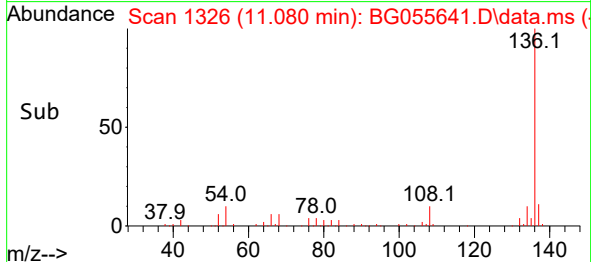
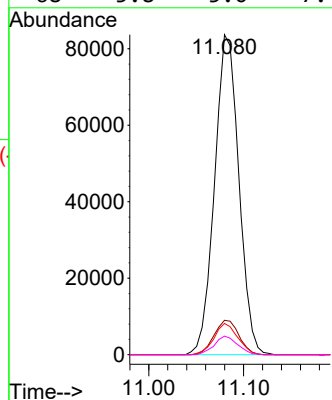
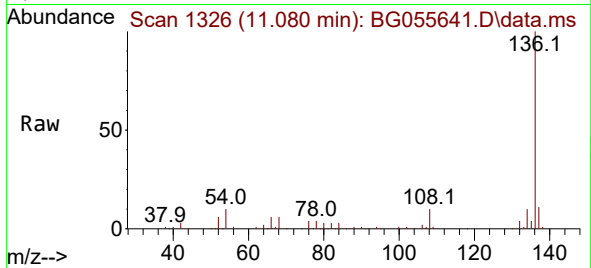




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.080 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

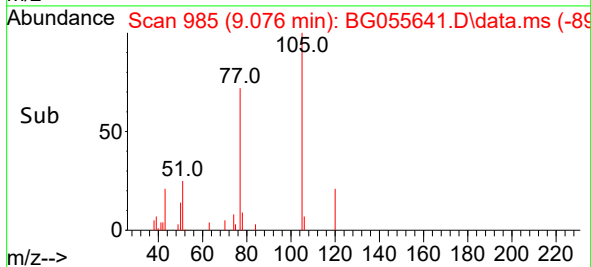
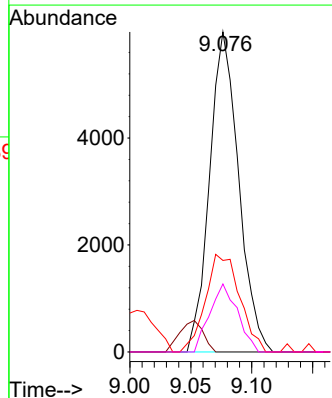
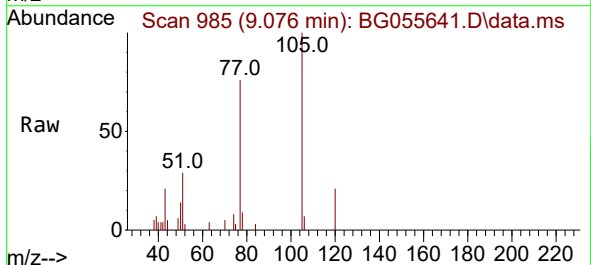
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

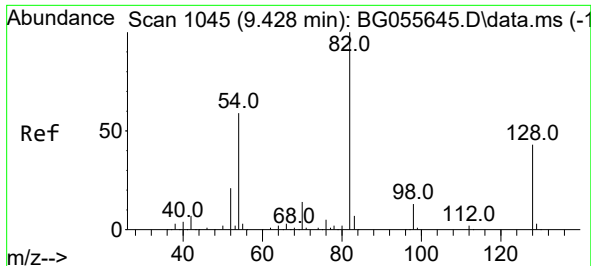
Tgt Ion:136 Resp: 148874  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.6  
54 9.8 7.8 11.6  
68 5.8 5.0 7.4



#22  
Acetophenone  
Concen: 2.504 ng  
RT: 9.076 min Scan# 985  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:105 Resp: 9931  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.6 1.0#  
51 28.6 24.5 36.7  
120 21.3 16.6 25.0

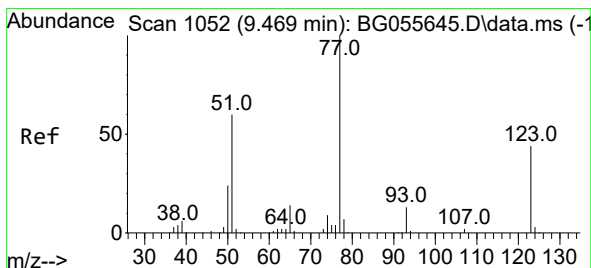
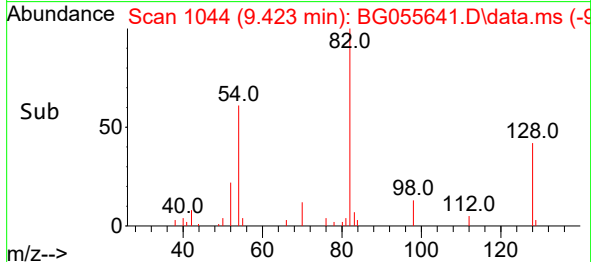
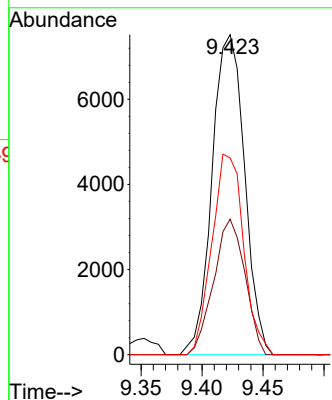
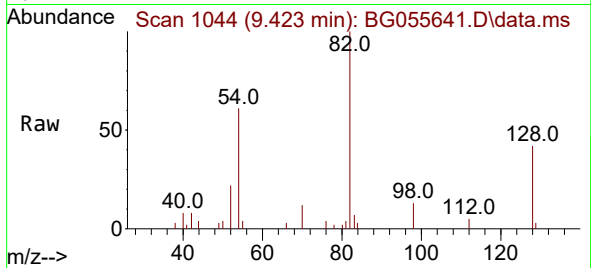




#23  
 Nitrobenzene-d5  
 Concen: 6.182 ng  
 RT: 9.423 min Scan# 1044  
 Delta R.T. -0.005 min  
 Lab File: BG055641.D  
 Acq: 16 Nov 2022 10:43

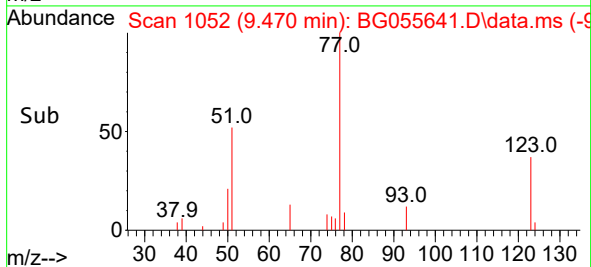
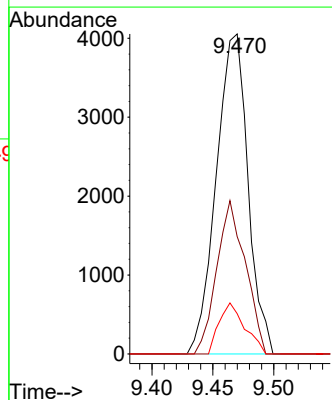
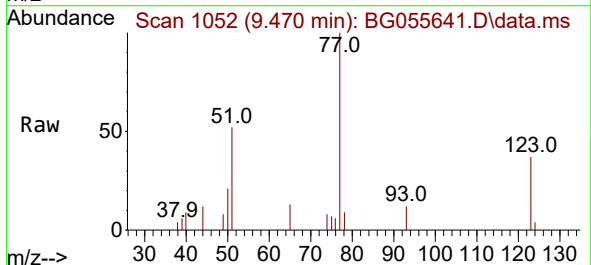
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

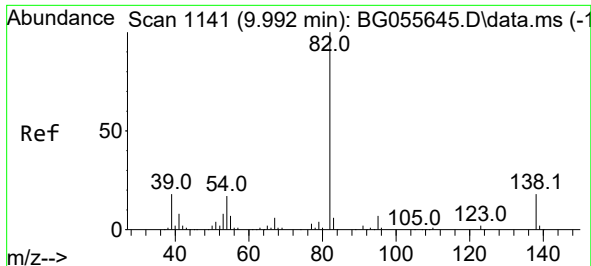
Tgt Ion: 82 Resp: 13930  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 34.1 51.1  
 54 61.5 47.3 70.9



#24  
 Nitrobenzene  
 Concen: 2.860 ng  
 RT: 9.470 min Scan# 1052  
 Delta R.T. 0.001 min  
 Lab File: BG055641.D  
 Acq: 16 Nov 2022 10:43

Tgt Ion: 77 Resp: 7333  
 Ion Ratio Lower Upper  
 77 100  
 123 36.7 35.5 53.3  
 65 12.6 11.5 17.3

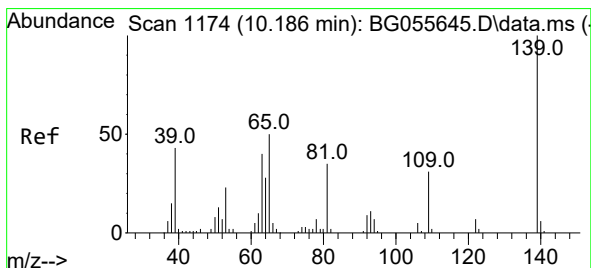
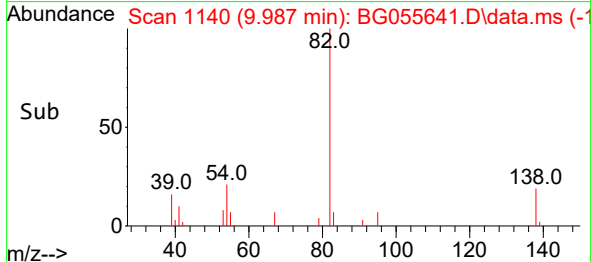
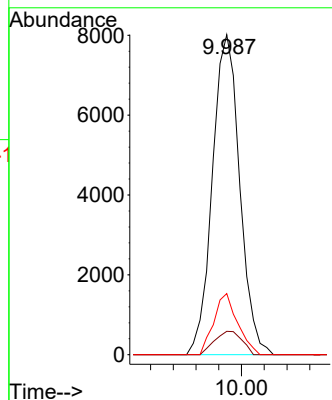
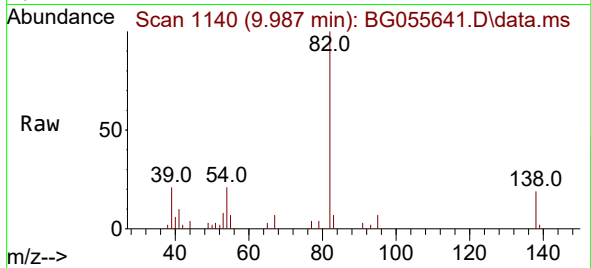




#25  
Isophorone  
Concen: 2.391 ng  
RT: 9.987 min Scan# 1140  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

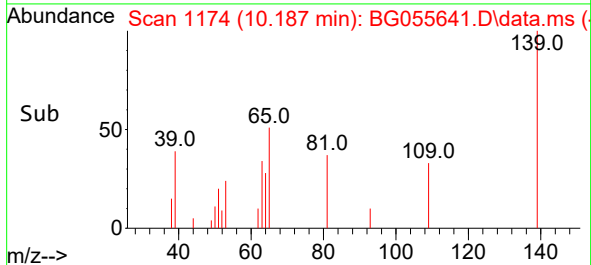
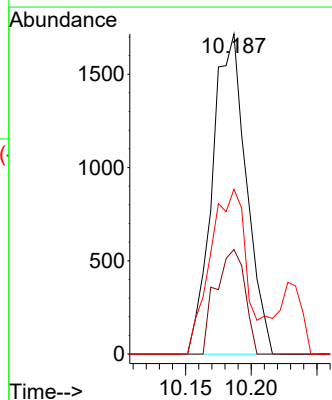
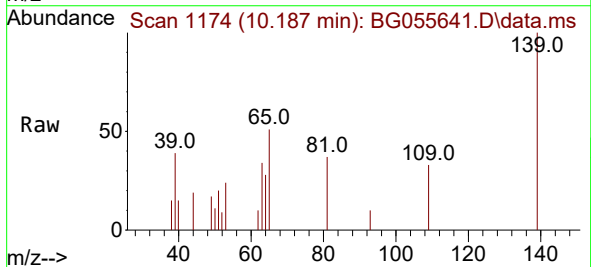
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

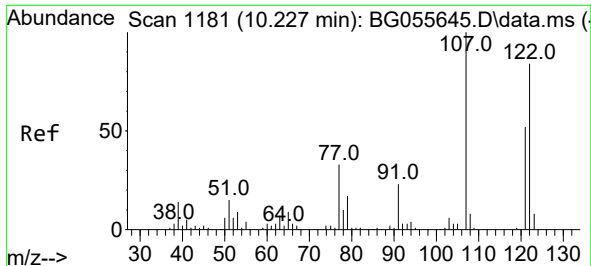
Tgt Ion: 82 Resp: 13368  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.5 8.3  
138 19.1 14.2 21.4



#26  
2-Nitrophenol  
Concen: 3.823 ng  
RT: 10.187 min Scan# 1174  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:139 Resp: 3087  
Ion Ratio Lower Upper  
139 100  
109 32.7 24.4 36.6  
65 51.5 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 2.432 ng

RT: 10.222 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

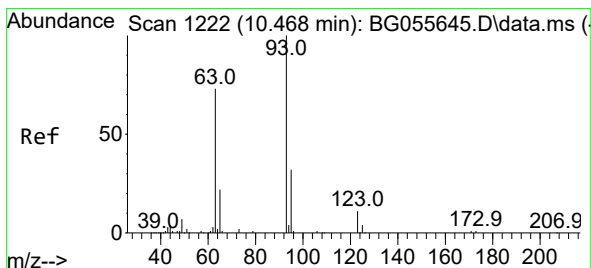
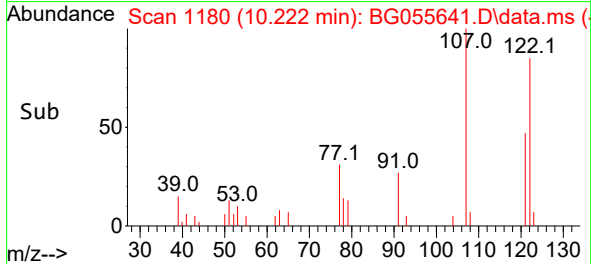
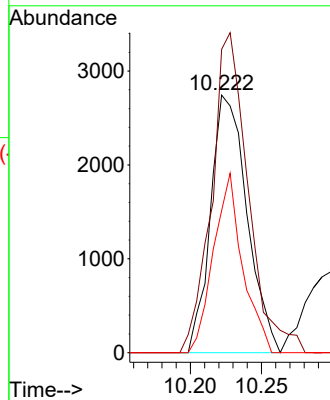
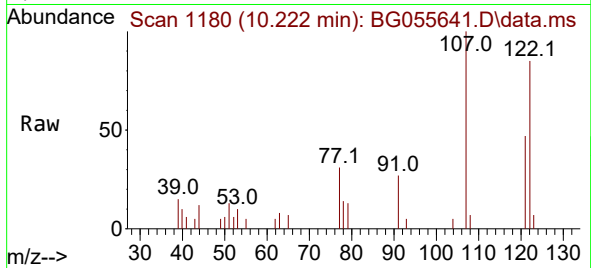
Tgt Ion:122 Resp: 4895

Ion Ratio Lower Upper

122 100

107 117.7 95.8 143.6

121 55.2 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 2.431 ng

RT: 10.463 min Scan# 1221

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

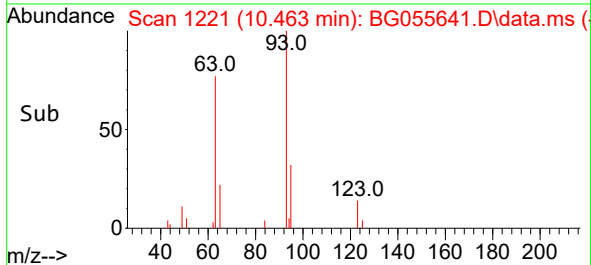
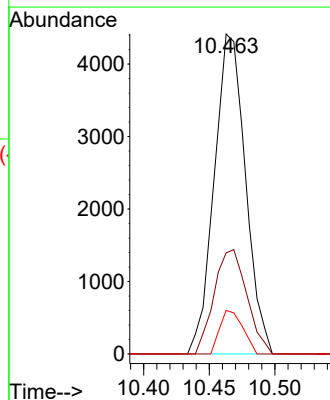
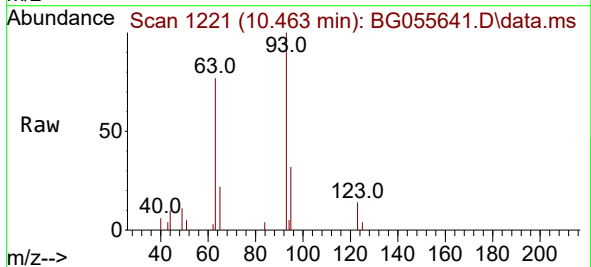
Tgt Ion: 93 Resp: 7314

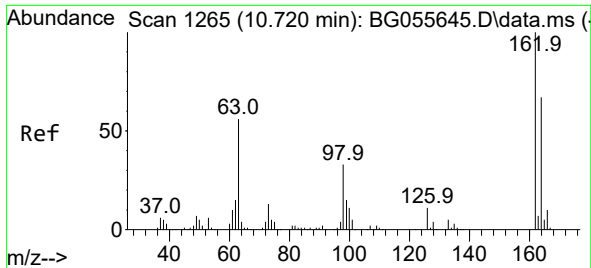
Ion Ratio Lower Upper

93 100

95 31.6 25.7 38.5

123 13.6 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 2.604 ng

RT: 10.716 min Scan# 1264

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

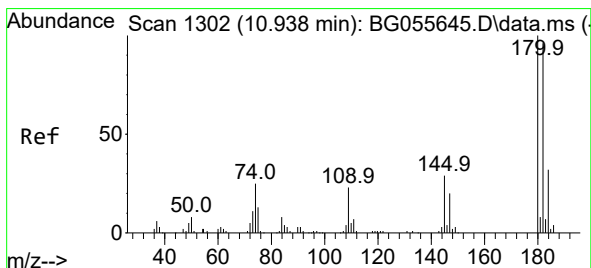
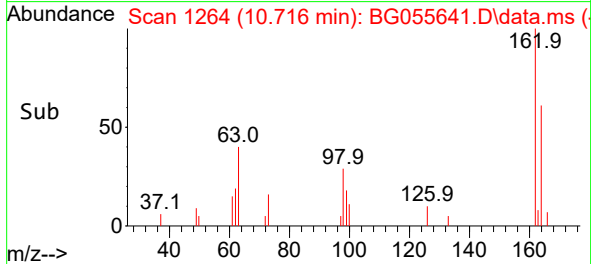
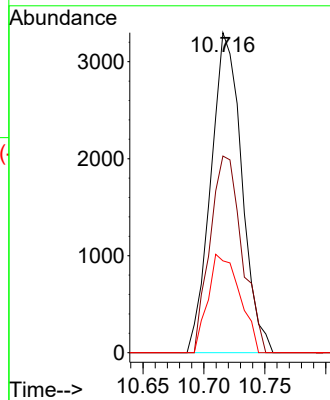
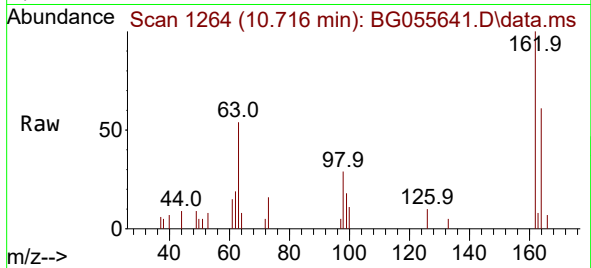
Tgt Ion:162 Resp: 5825

Ion Ratio Lower Upper

162 100

164 61.5 46.7 86.7

98 28.7 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 2.556 ng

RT: 10.939 min Scan# 1302

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

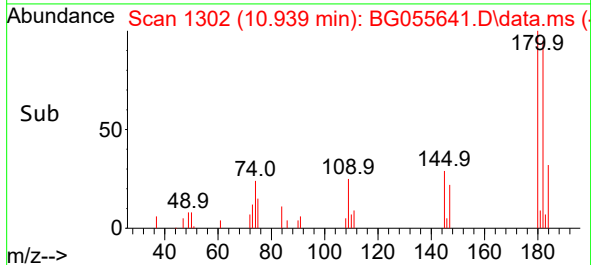
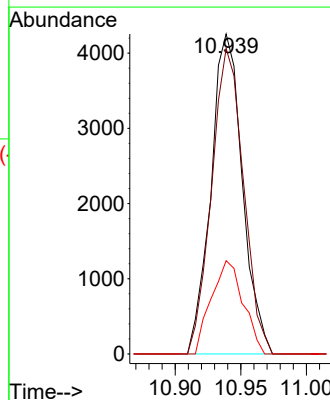
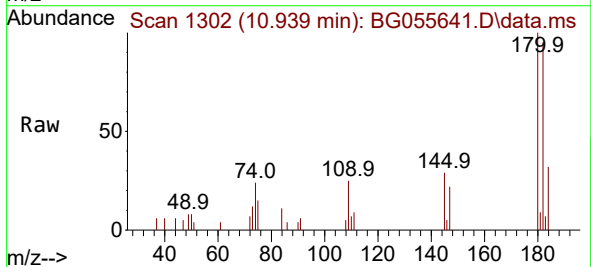
Tgt Ion:180 Resp: 7089

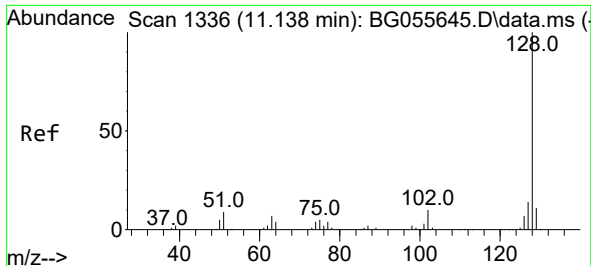
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 29.1 22.9 34.3

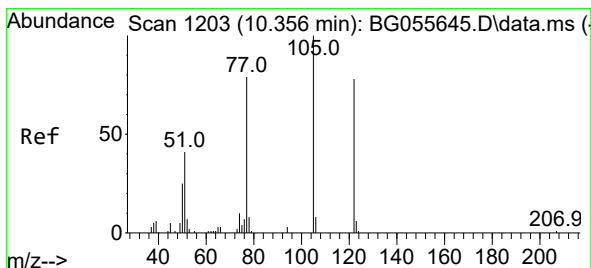
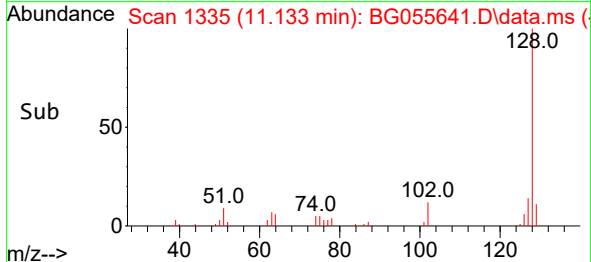
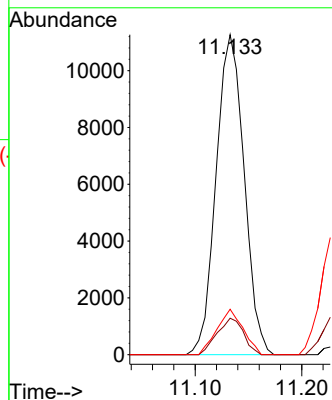
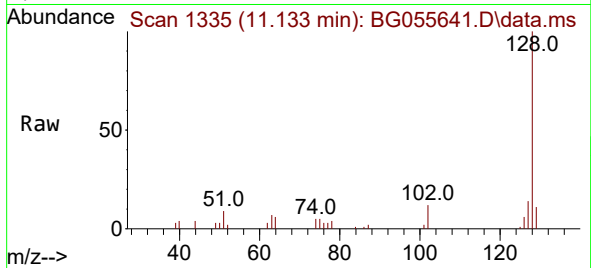




#31  
Naphthalene  
Concen: 2.549 ng  
RT: 11.133 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

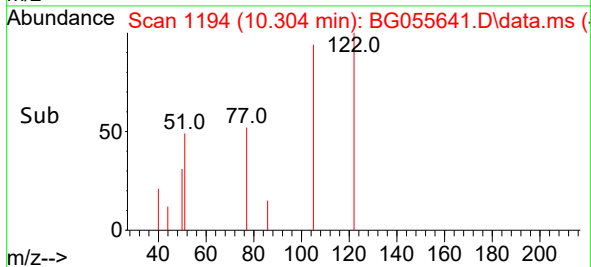
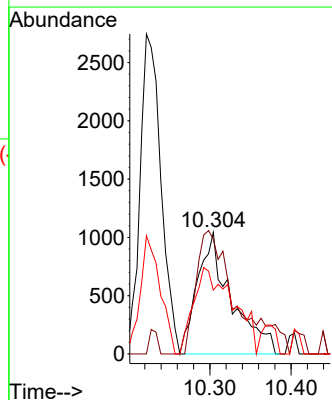
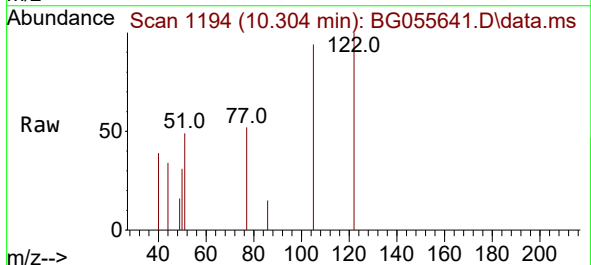
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

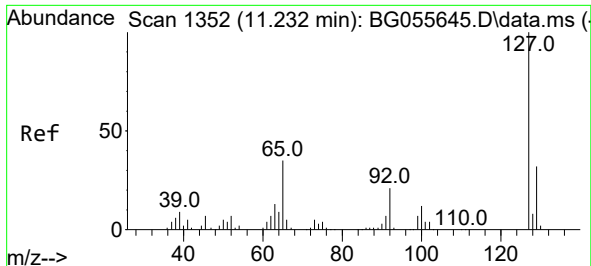
Tgt Ion:128 Resp: 20555  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 14.2 10.9 16.3



#32  
Benzoic acid  
Concen: 2.472 ng  
RT: 10.304 min Scan# 1194  
Delta R.T. -0.052 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:122 Resp: 3035  
Ion Ratio Lower Upper  
122 100  
105 94.3 104.3 144.3#  
77 52.5 79.9 119.9#





#33

4-Chloroaniline

Concen: 2.438 ng

RT: 11.233 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 8219

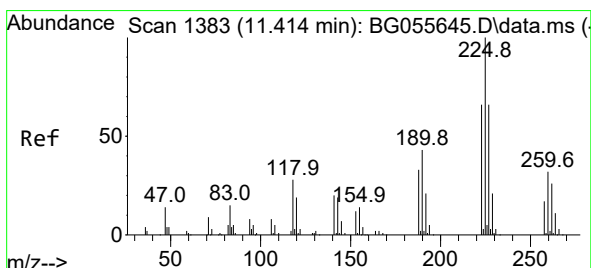
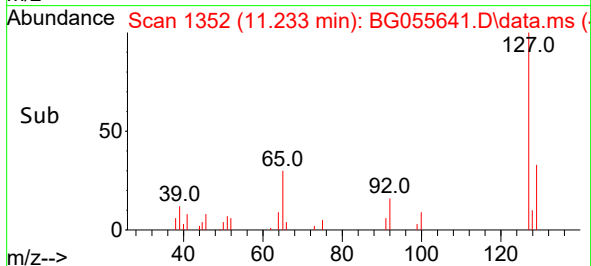
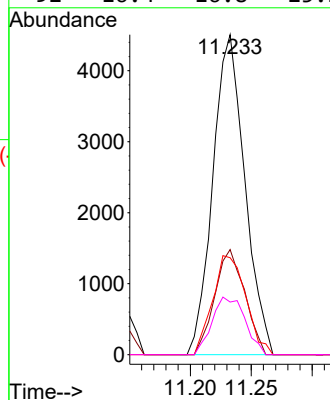
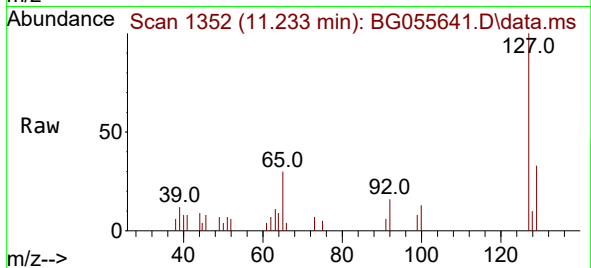
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 30.3 27.9 41.9

92 16.4 16.8 25.2#



#34

Hexachlorobutadiene

Concen: 2.747 ng

RT: 11.415 min Scan# 1383

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

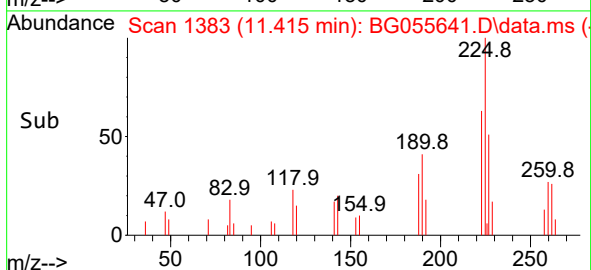
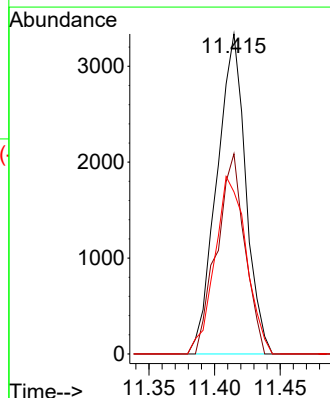
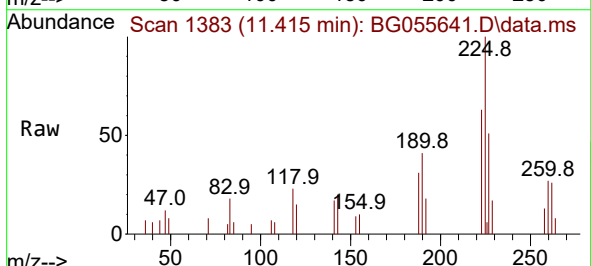
Tgt Ion:225 Resp: 5107

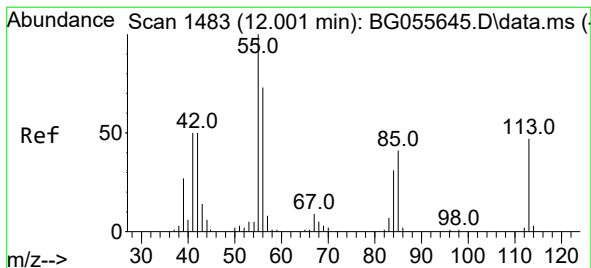
Ion Ratio Lower Upper

225 100

223 62.6 52.9 79.3

227 50.6 52.6 79.0#





#35

Caprolactam

Concen: 2.855 ng

RT: 11.961 min Scan# 1483

Delta R.T. -0.040 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

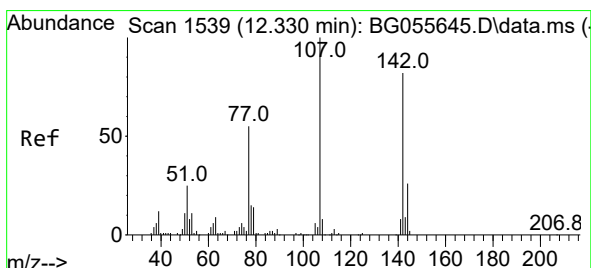
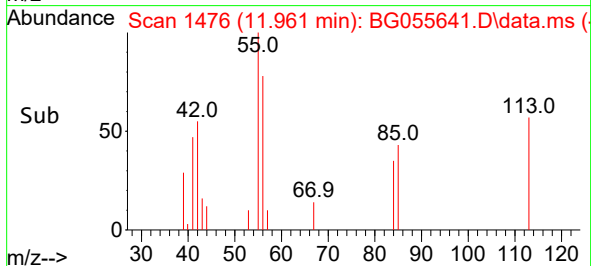
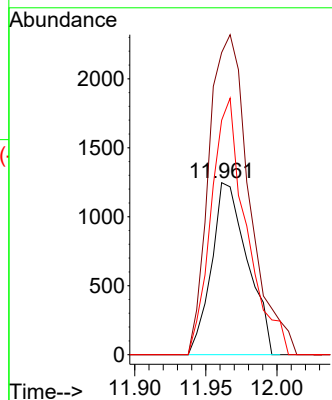
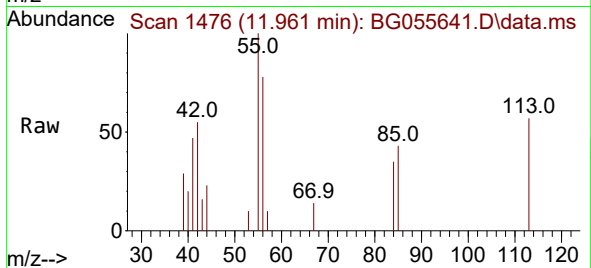
Tgt Ion:113 Resp: 2189

Ion Ratio Lower Upper

113 100

55 175.6 193.5 233.5#

56 136.2 135.2 175.2



#36

4-Chloro-3-methylphenol

Concen: 2.350 ng

RT: 12.325 min Scan# 1538

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

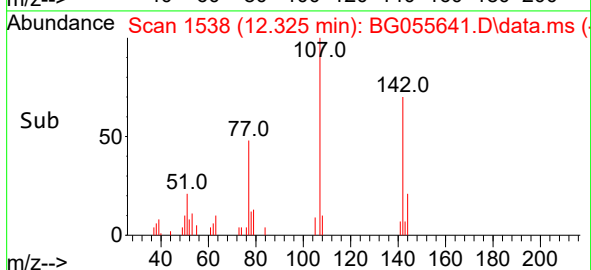
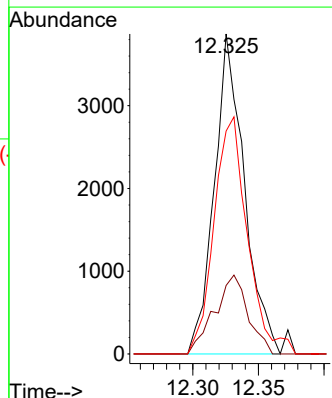
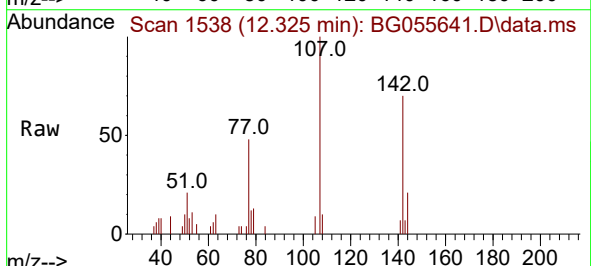
Tgt Ion:107 Resp: 6143

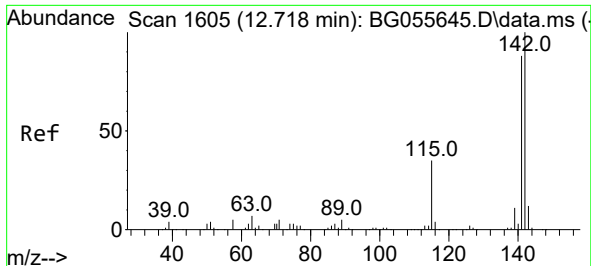
Ion Ratio Lower Upper

107 100

144 21.4 21.0 31.4

142 69.6 65.9 98.9





#37

2-Methylnaphthalene

Concen: 2.444 ng

RT: 12.719 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

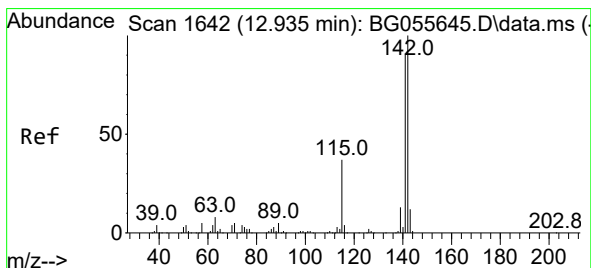
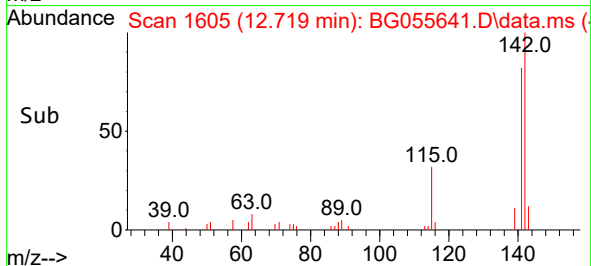
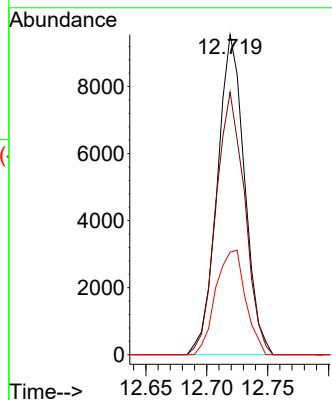
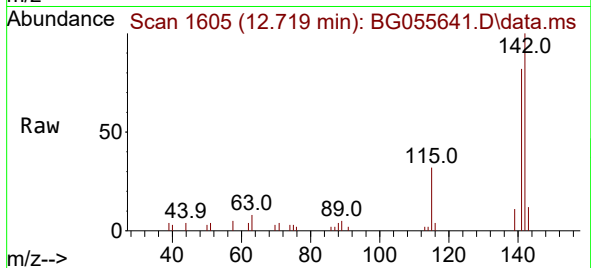
Tgt Ion:142 Resp: 14850

Ion Ratio Lower Upper

142 100

141 82.0 70.3 105.5

115 32.0 27.9 41.9



#38

1-Methylnaphthalene

Concen: 2.478 ng

RT: 12.936 min Scan# 1642

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

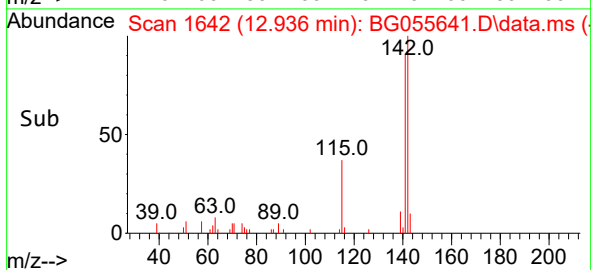
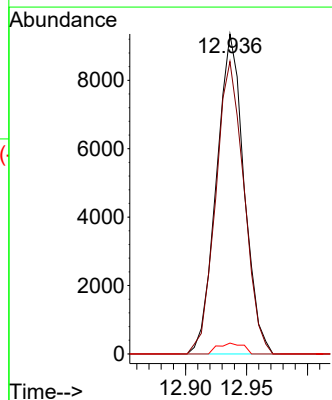
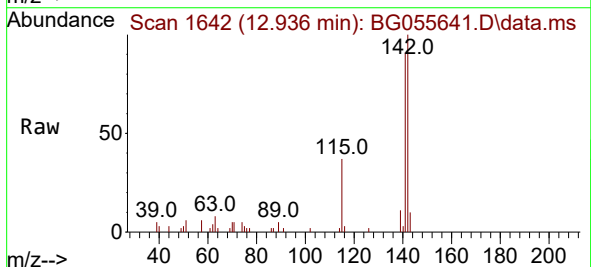
Tgt Ion:142 Resp: 14715

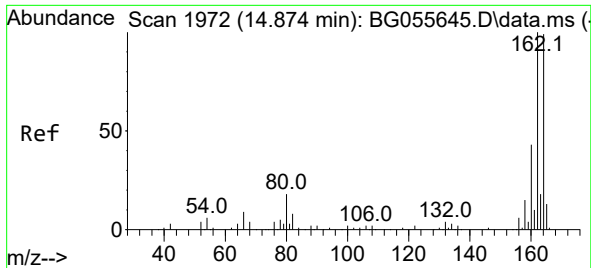
Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

116 3.4 3.1 4.7

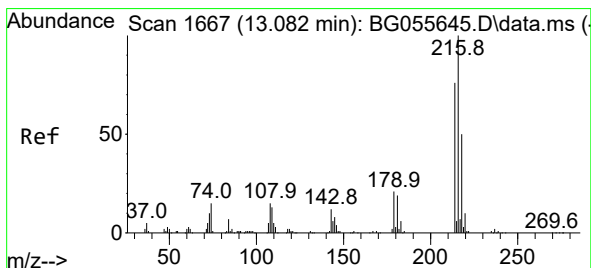
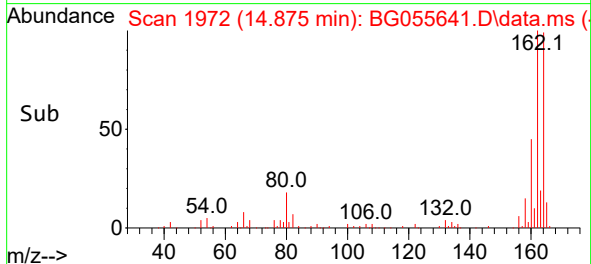
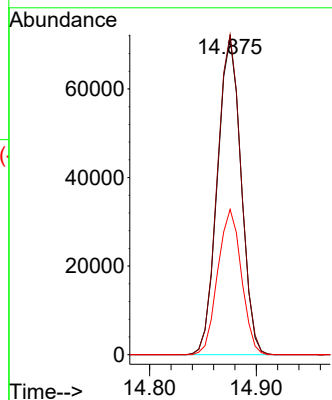
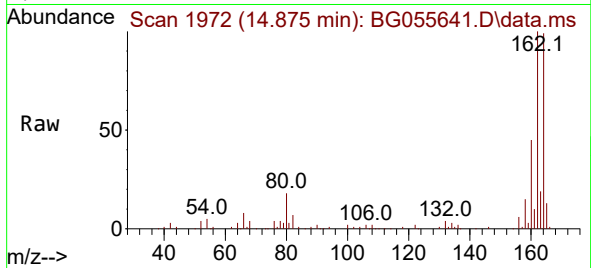




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.875 min Scan# 1972  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

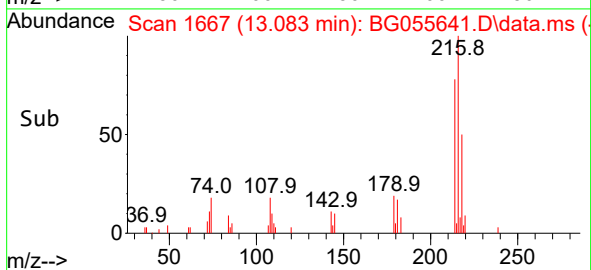
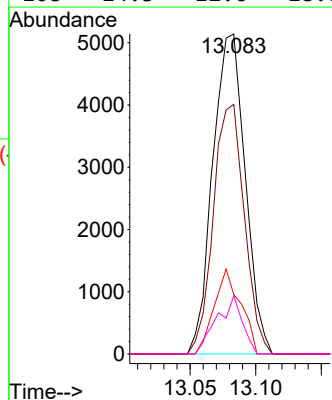
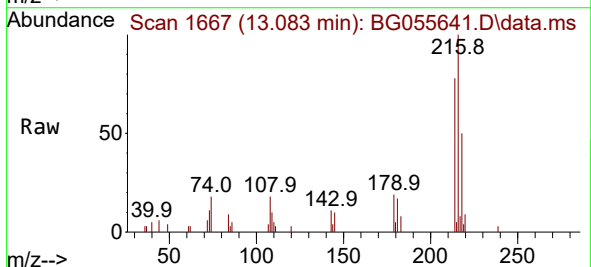
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:164 Resp: 110142  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.1 121.7  
160 45.9 34.8 52.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.673 ng  
RT: 13.083 min Scan# 1667  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:216 Resp: 8850  
Ion Ratio Lower Upper  
216 100  
214 74.5 62.1 93.1  
179 21.6 16.5 24.7  
108 14.3 12.6 18.8

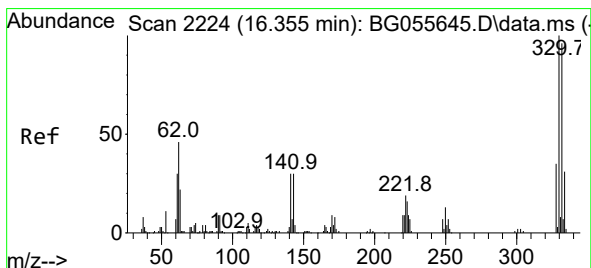
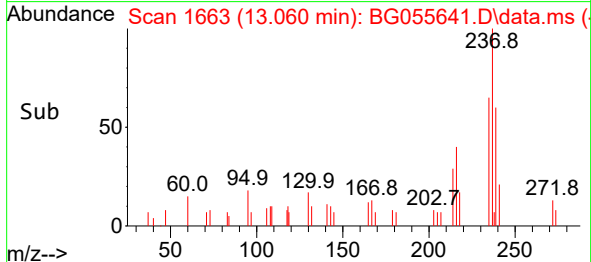
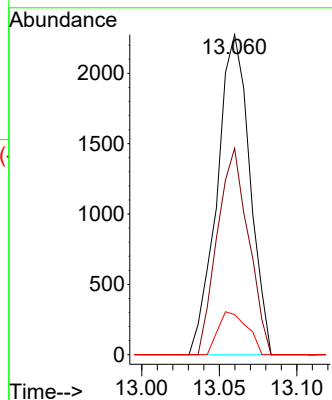
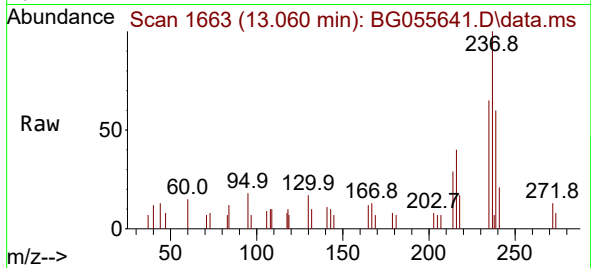




#41  
Hexachlorocyclopentadiene  
Concen: 2.294 ng  
RT: 13.060 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

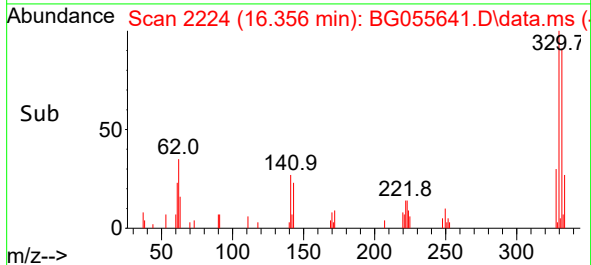
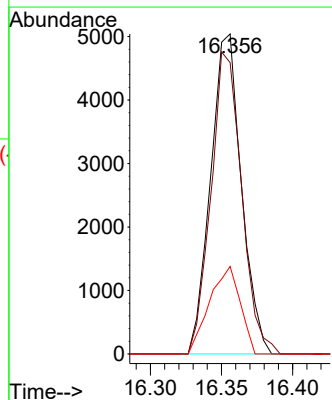
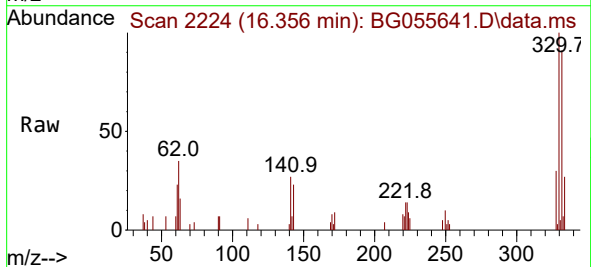
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

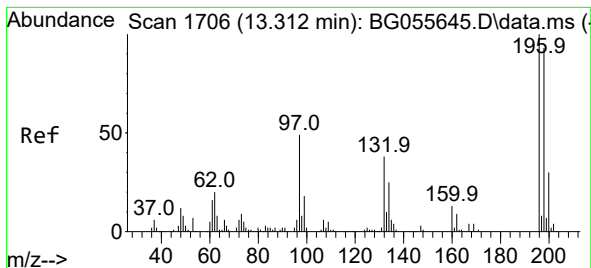
Tgt Ion:237 Resp: 3344  
Ion Ratio Lower Upper  
237 100  
235 64.5 43.7 83.7  
272 12.6 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 6.672 ng  
RT: 16.356 min Scan# 2224  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:330 Resp: 7575  
Ion Ratio Lower Upper  
330 100  
332 94.0 77.8 116.8  
141 27.2 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 2.910 ng

RT: 13.307 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

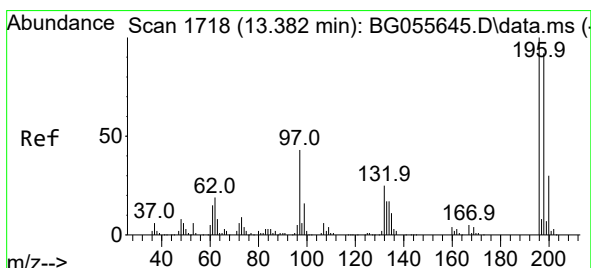
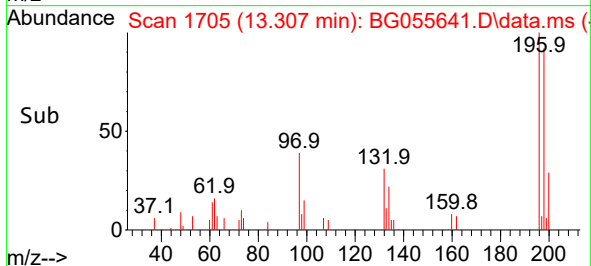
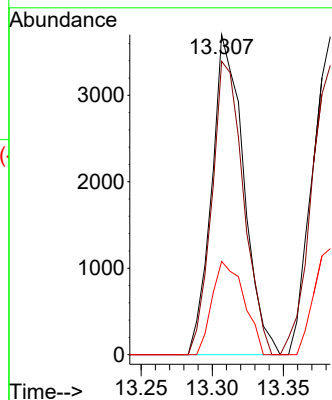
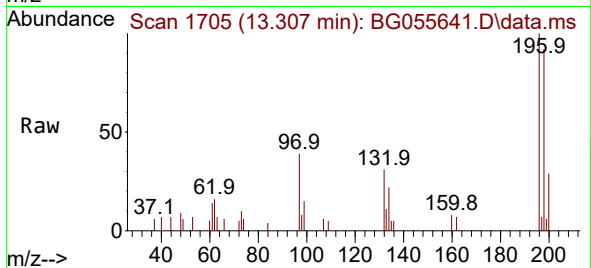
Tgt Ion:196 Resp: 5778

Ion Ratio Lower Upper

196 100

198 91.7 74.6 112.0

200 29.2 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 2.640 ng

RT: 13.383 min Scan# 1718

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Tgt Ion:196 Resp: 5974

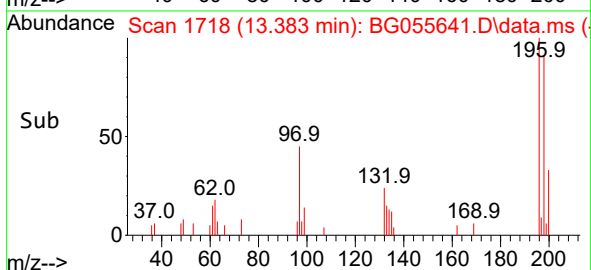
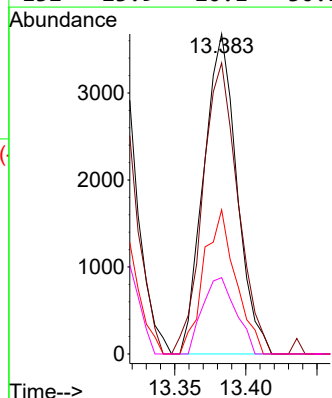
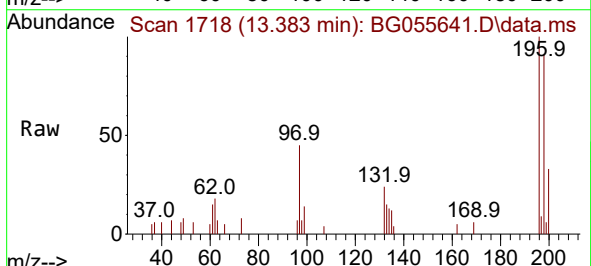
Ion Ratio Lower Upper

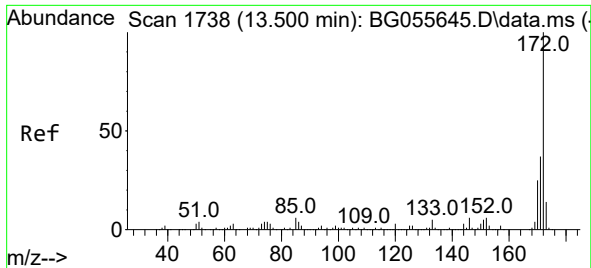
196 100

198 91.0 74.1 111.1

97 45.1 34.8 52.2

132 23.9 20.1 30.1

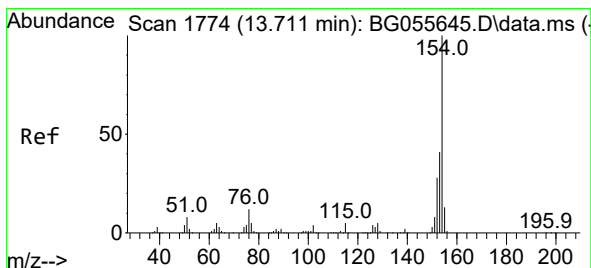
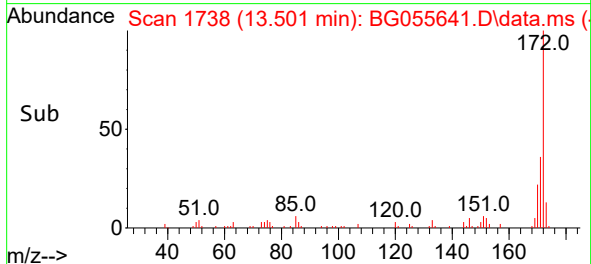
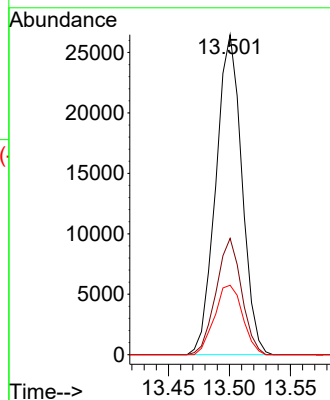
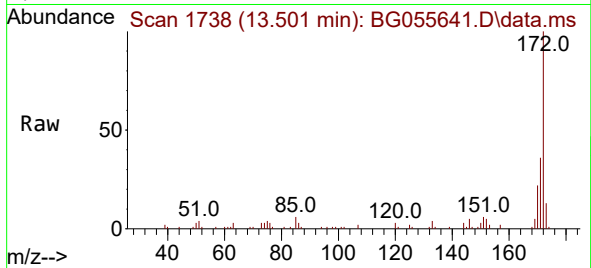




#45  
2-Fluorobiphenyl  
Concen: 5.362 ng  
RT: 13.501 min Scan# 1738  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

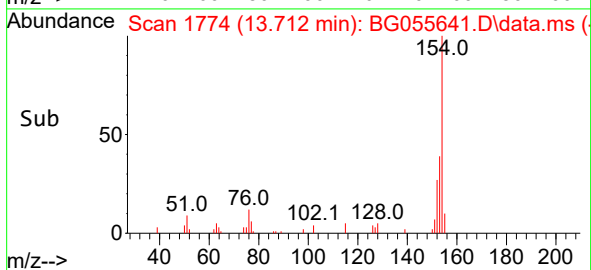
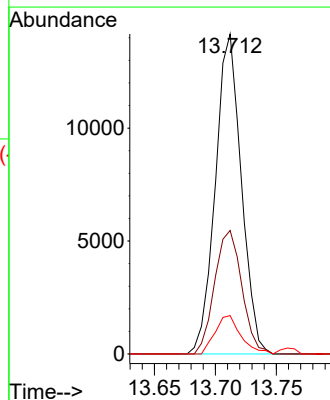
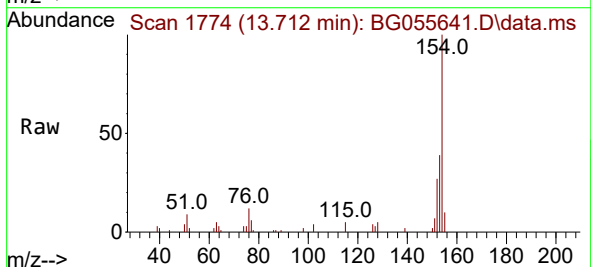
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

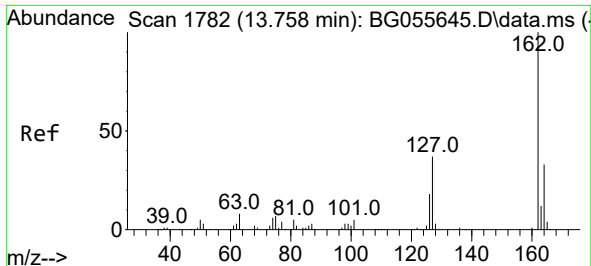
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 39281 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.3  | 29.8  | 44.6  |
| 170      | 21.7  | 20.2  | 30.4  |



#46  
1,1'-Biphenyl  
Concen: 2.599 ng  
RT: 13.712 min Scan# 1774  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 20967 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 38.6  | 20.6  | 60.6  |
| 76       | 12.0  | 0.0   | 32.4  |

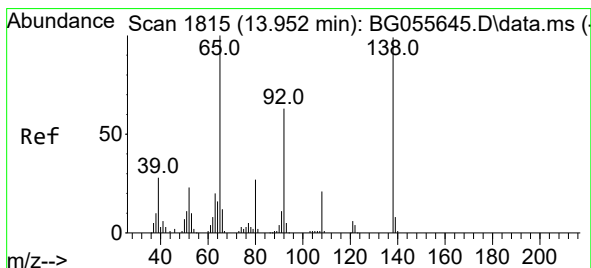
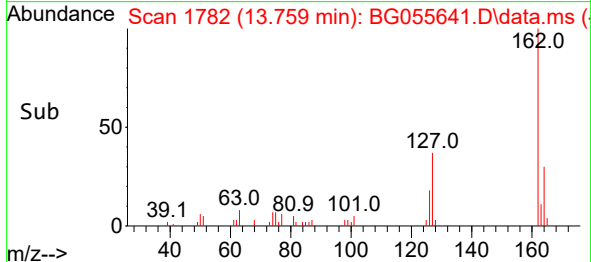
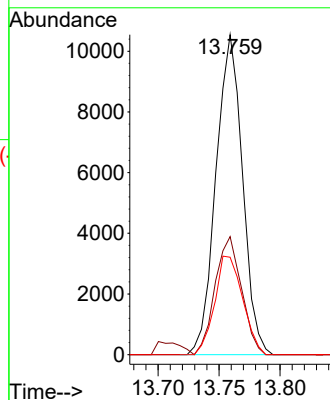
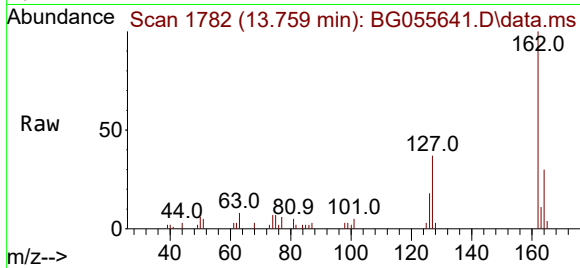




#47  
2-Chloronaphthalene  
Concen: 2.558 ng  
RT: 13.759 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

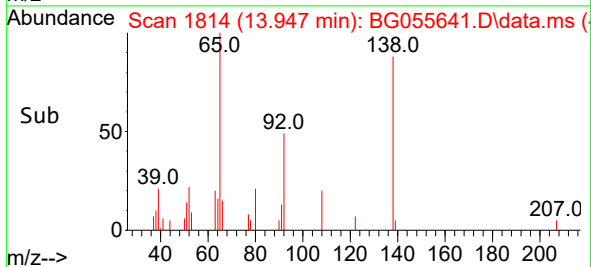
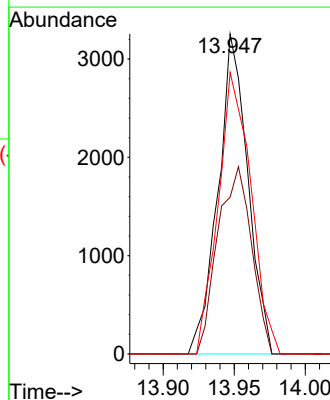
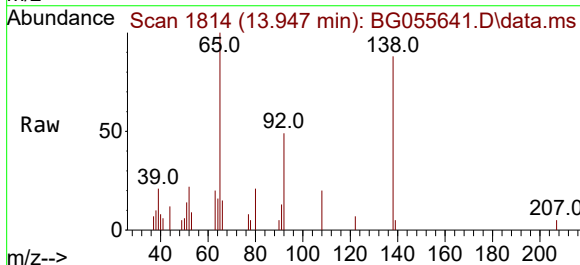
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

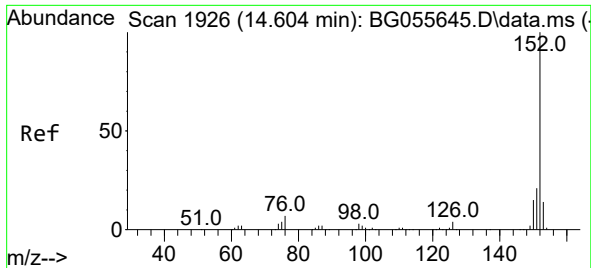
Tgt Ion:162 Resp: 15980  
Ion Ratio Lower Upper  
162 100  
127 36.9 29.9 44.9  
164 30.5 26.4 39.6



#48  
2-Nitroaniline  
Concen: 3.406 ng  
RT: 13.947 min Scan# 1814  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion: 65 Resp: 4739  
Ion Ratio Lower Upper  
65 100  
92 49.0 50.1 75.1#  
138 87.9 79.4 119.0

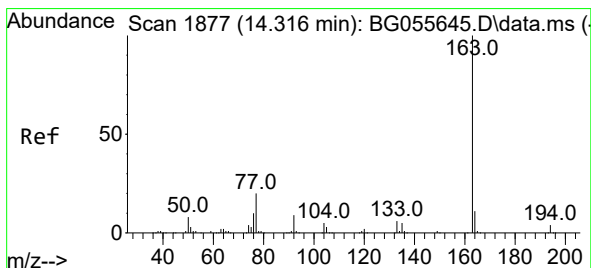
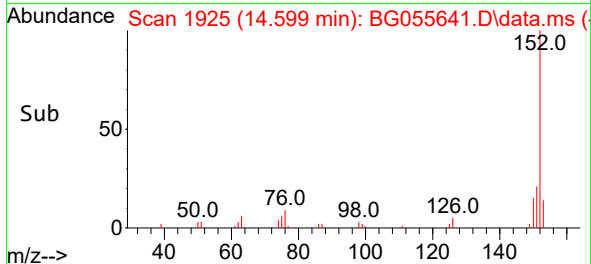
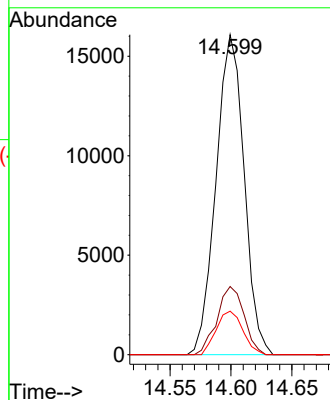
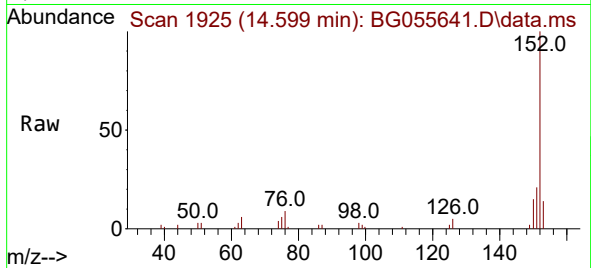




#49  
Acenaphthylene  
Concen: 2.495 ng  
RT: 14.599 min Scan# 1925  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

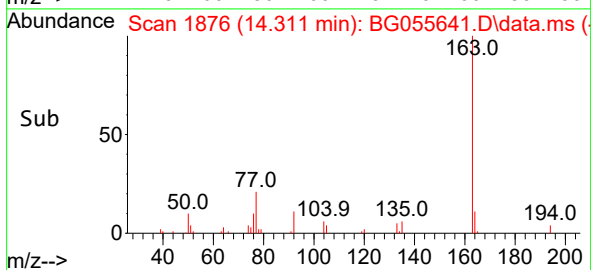
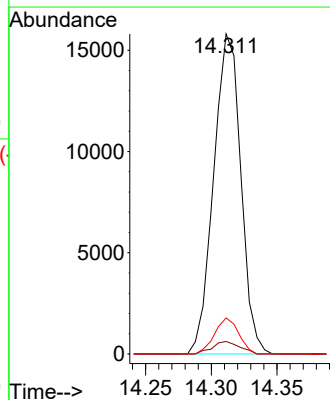
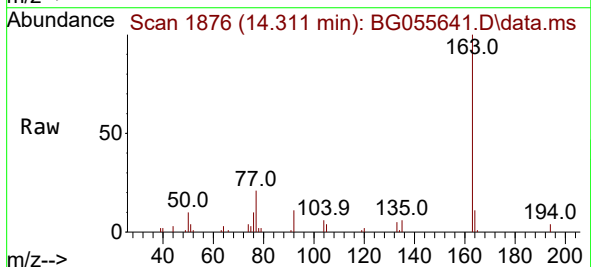
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

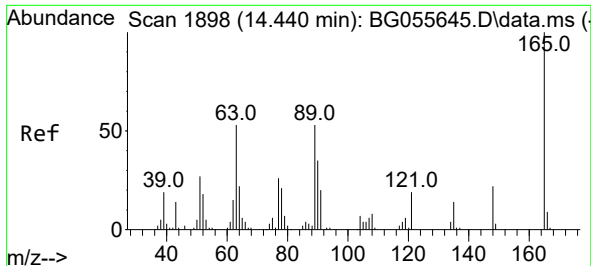
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 25777 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 21.3  | 16.4  | 24.6  |
| 153       | 13.6  | 11.0  | 16.4  |



#50  
Dimethylphthalate  
Concen: 2.698 ng  
RT: 14.311 min Scan# 1876  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 22726 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.9   | 3.0   | 4.4   |
| 164       | 11.2  | 8.6   | 12.8  |

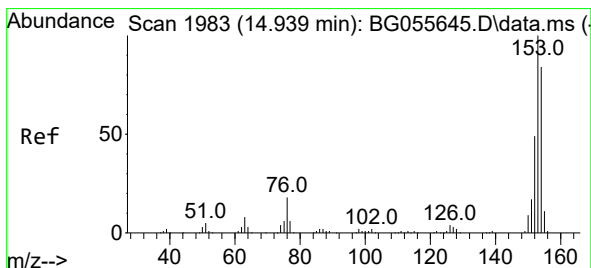
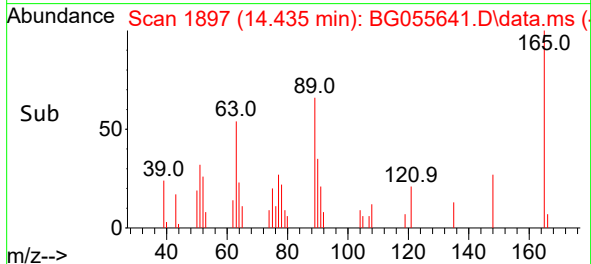
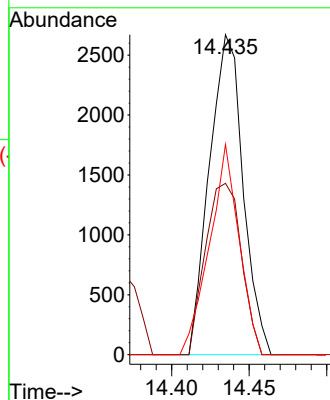
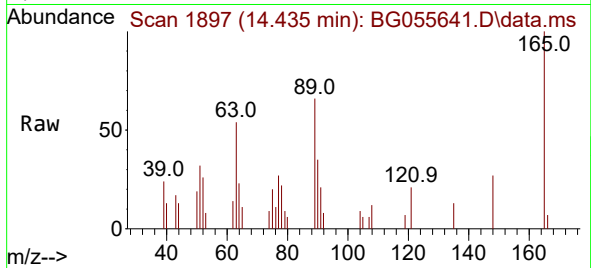




#51  
2,6-Dinitrotoluene  
Concen: 3.136 ng  
RT: 14.435 min Scan# 1897  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

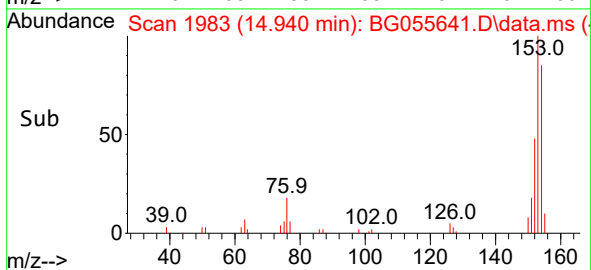
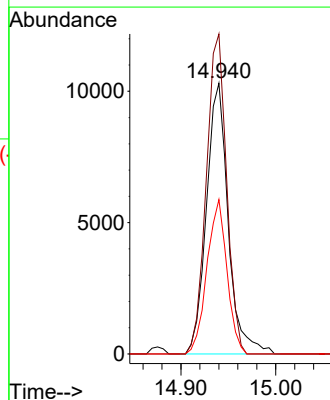
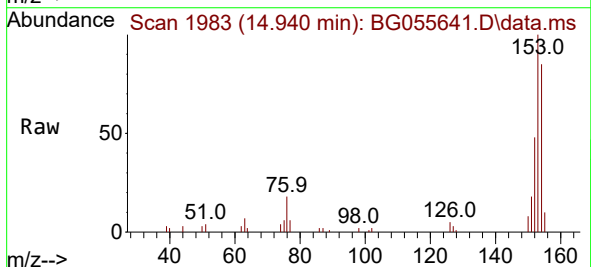
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

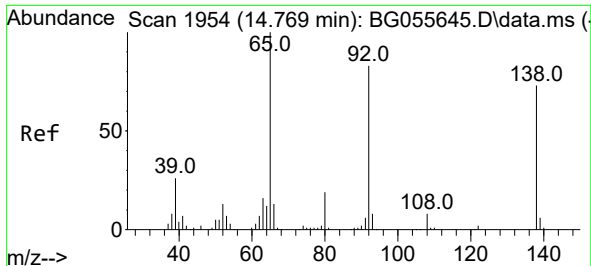
Tgt Ion:165 Resp: 4030  
Ion Ratio Lower Upper  
165 100  
63 53.5 44.6 66.8  
89 65.7 42.2 63.4#



#52  
Acenaphthene  
Concen: 2.537 ng  
RT: 14.940 min Scan# 1983  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:154 Resp: 16465  
Ion Ratio Lower Upper  
154 100  
153 118.2 95.0 142.4  
152 57.0 46.1 69.1

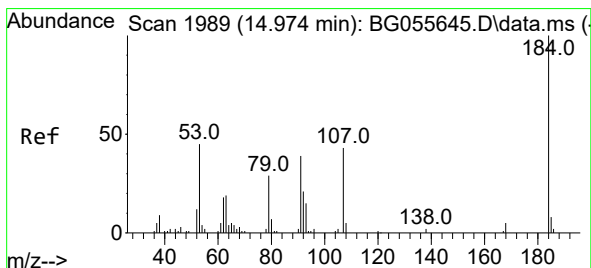
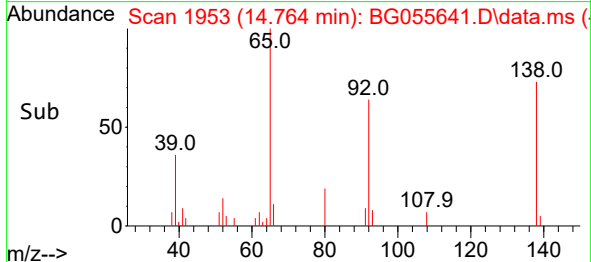
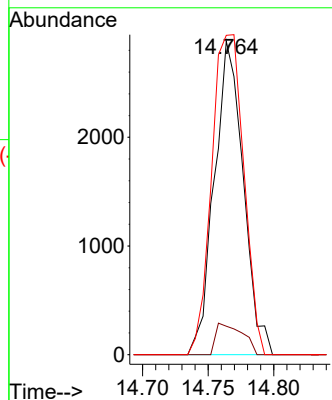
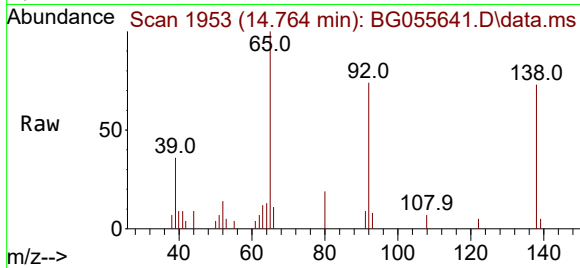




#53  
3-Nitroaniline  
Concen: 2.764 ng  
RT: 14.764 min Scan# 1953  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

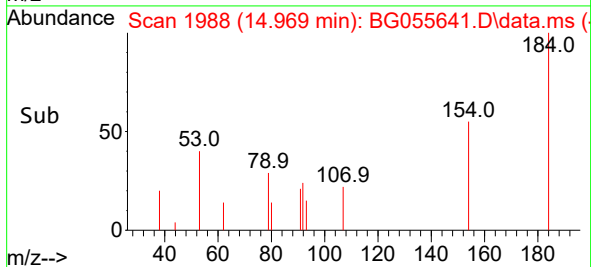
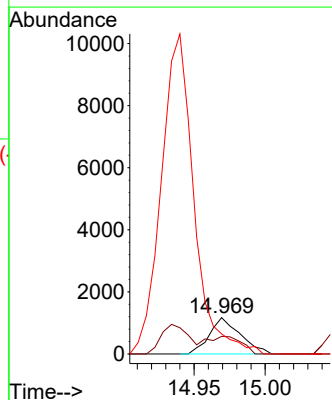
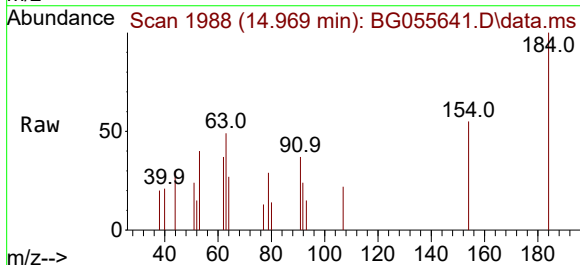
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

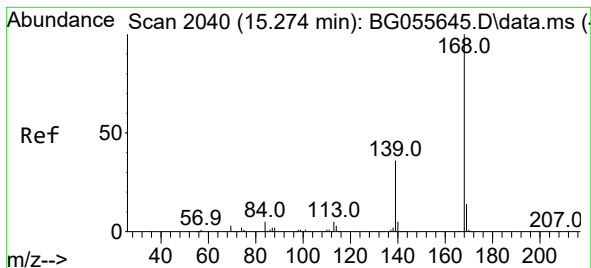
Tgt Ion:138 Resp: 4434  
Ion Ratio Lower Upper  
138 100  
108 9.1 8.5 12.7  
92 101.9 91.0 136.6



#54  
2,4-Dinitrophenol  
Concen: 2.867 ng  
RT: 14.969 min Scan# 1988  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:184 Resp: 1763  
Ion Ratio Lower Upper  
184 100  
63 48.6 49.5 74.3#  
154 55.0 52.0 78.0





#55

Dibenzenofuran

Concen: 2.540 ng

RT: 15.269 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

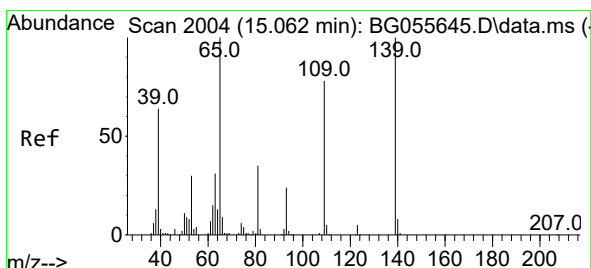
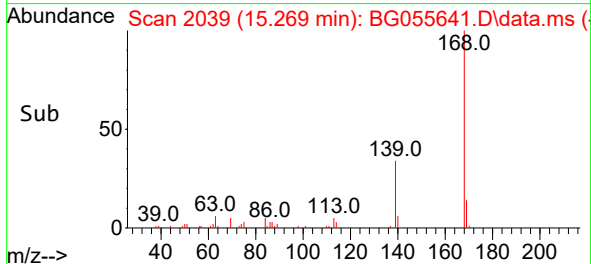
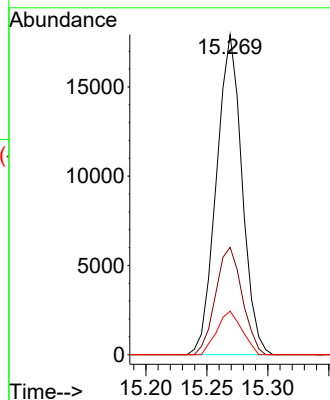
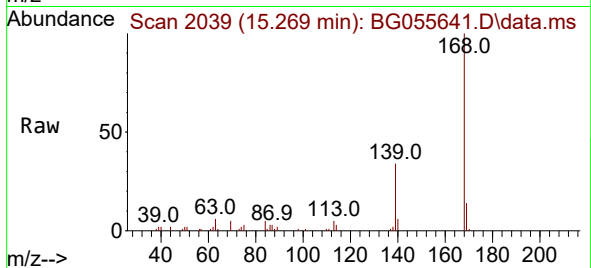
Tgt Ion:168 Resp: 26240

Ion Ratio Lower Upper

168 100

139 33.5 28.8 43.2

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 2.663 ng

RT: 15.052 min Scan# 2002

Delta R.T. -0.011 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

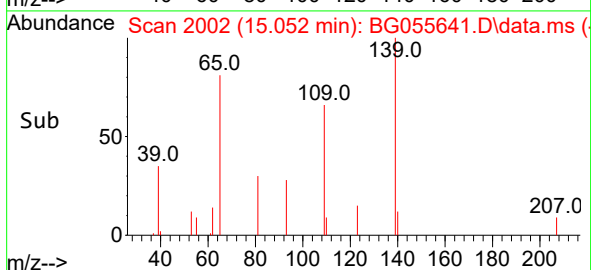
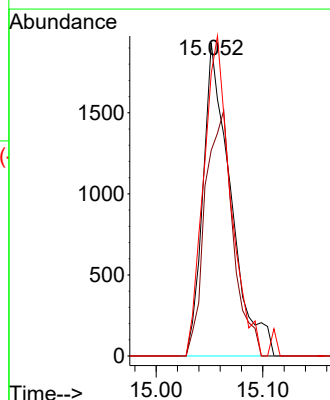
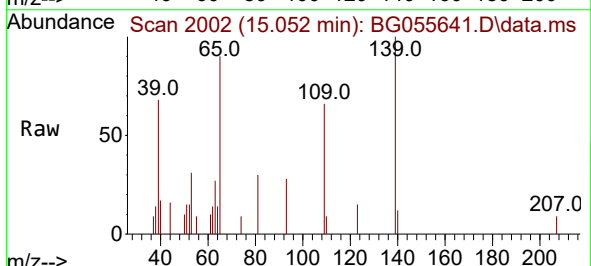
Tgt Ion:139 Resp: 3479

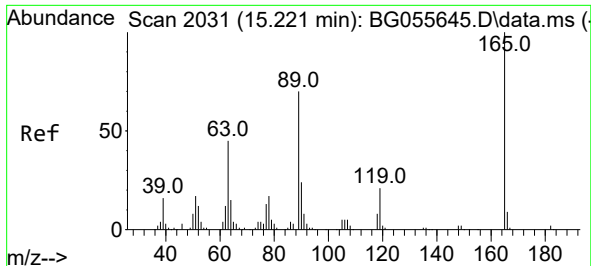
Ion Ratio Lower Upper

139 100

109 65.7 58.6 98.6

65 90.2 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 2.905 ng

RT: 15.216 min Scan# 2031

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tgt Ion:165 Resp: 4965

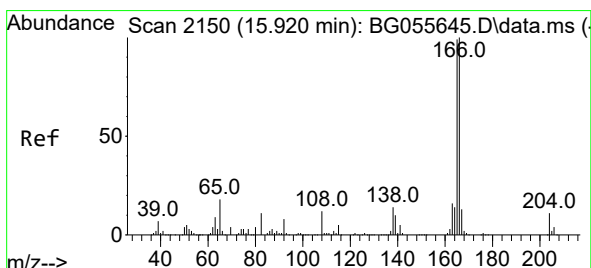
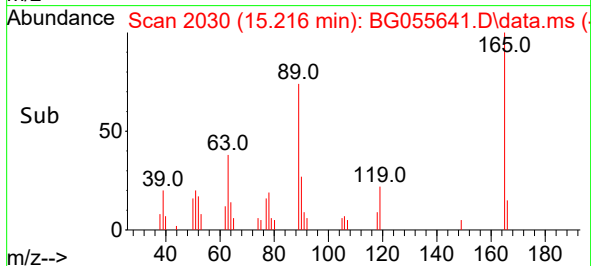
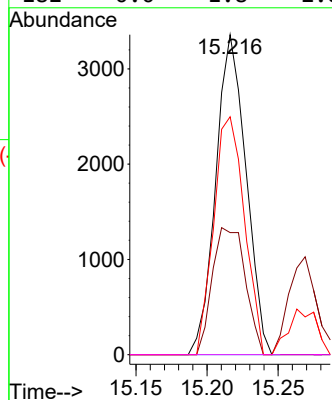
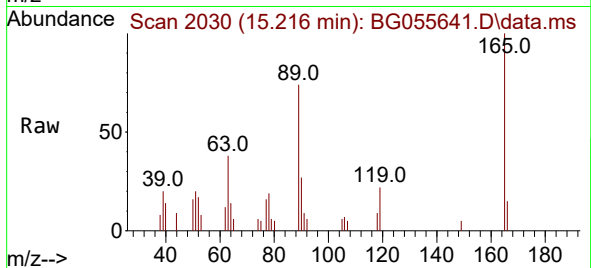
Ion Ratio Lower Upper

165 100

63 38.2 35.8 53.8

89 74.4 56.2 84.4

182 0.0 1.8 2.8#



#58

Fluorene

Concen: 2.580 ng

RT: 15.915 min Scan# 2149

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

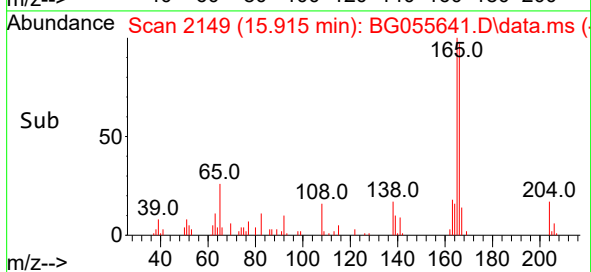
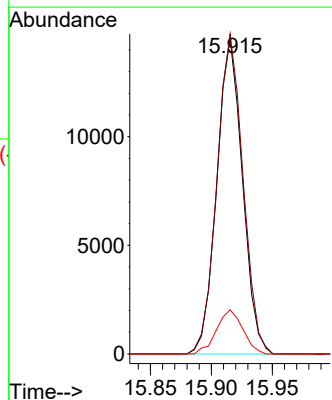
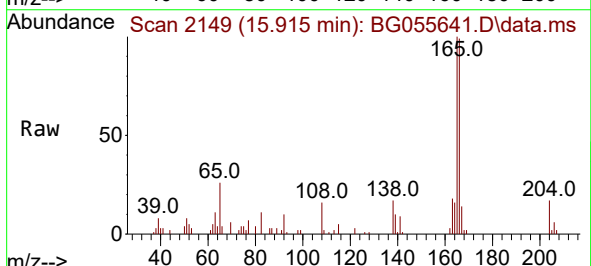
Tgt Ion:166 Resp: 21237

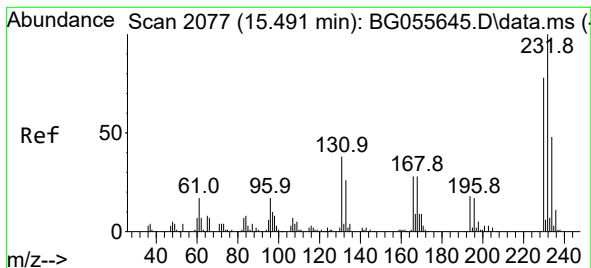
Ion Ratio Lower Upper

166 100

165 101.3 79.3 118.9

167 14.0 10.6 15.8

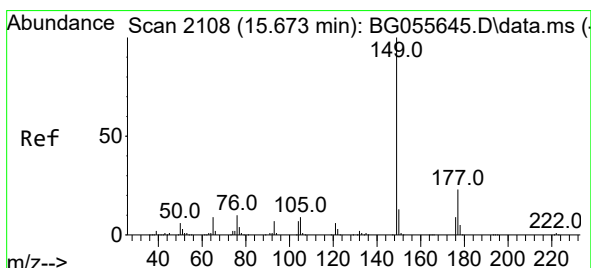
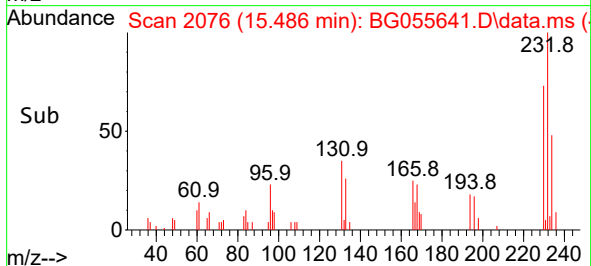
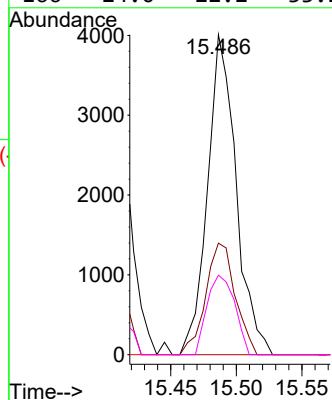
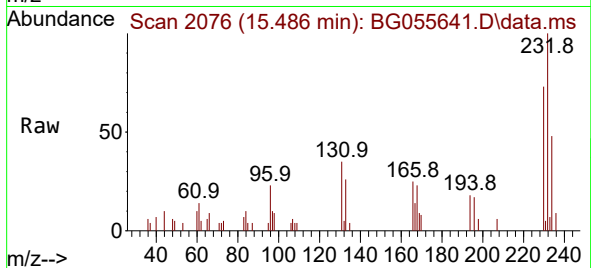




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 2.883 ng  
RT: 15.486 min Scan# 2077  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

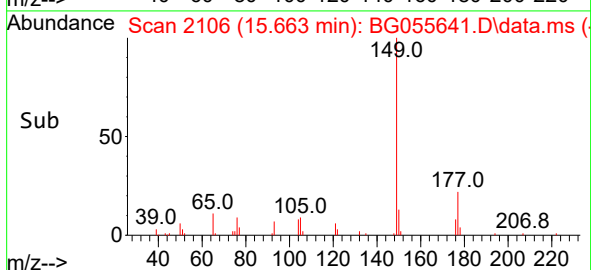
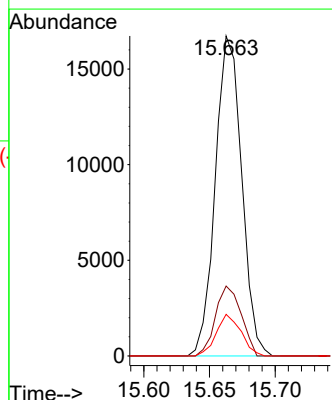
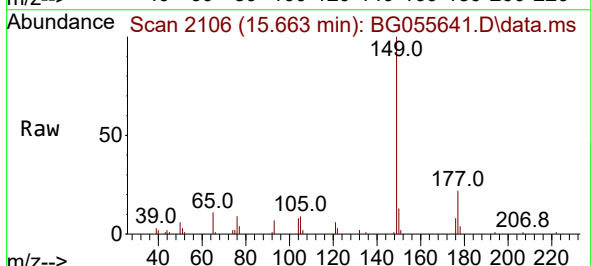
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

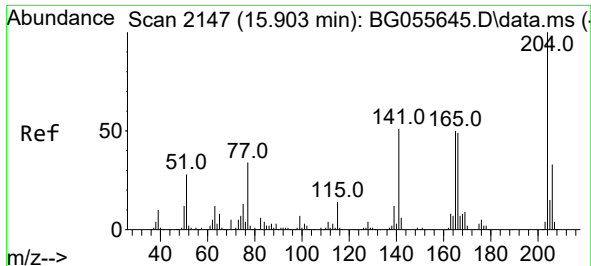
Tgt Ion:232 Resp: 6077  
Ion Ratio Lower Upper  
232 100  
131 36.1 29.8 44.8  
130 0.0 1.7 2.5#  
166 24.0 22.2 33.2



#60  
Diethylphthalate  
Concen: 2.727 ng  
RT: 15.663 min Scan# 2106  
Delta R.T. -0.011 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:149 Resp: 23344  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.3 27.5  
150 13.0 10.0 15.0

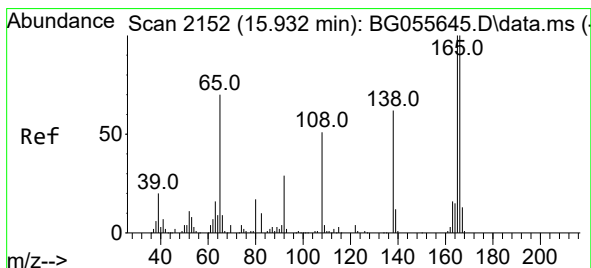
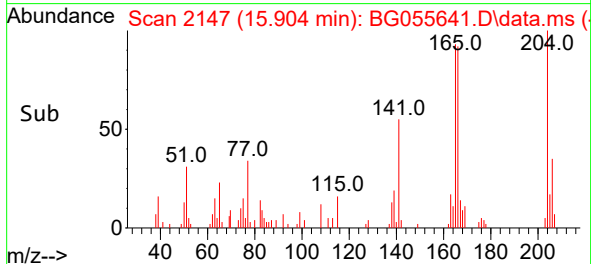
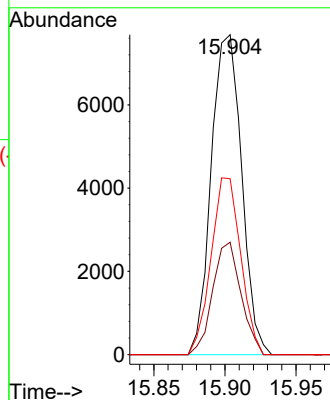
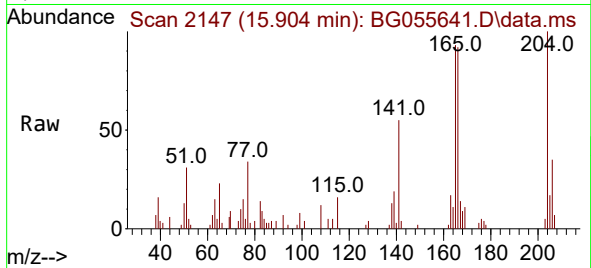




#61  
4-Chlorophenyl-phenylether  
Concen: 2.596 ng  
RT: 15.904 min Scan# 2147  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

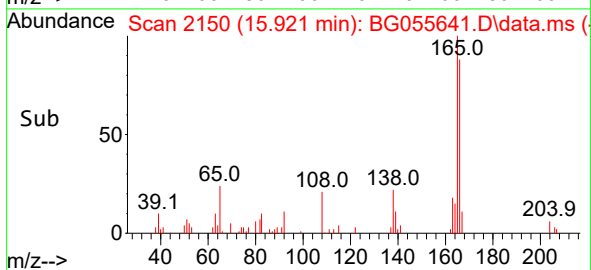
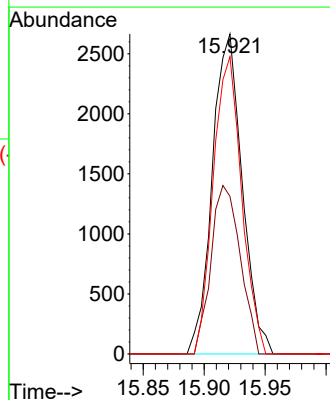
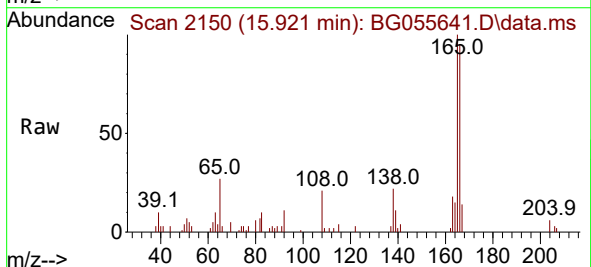
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

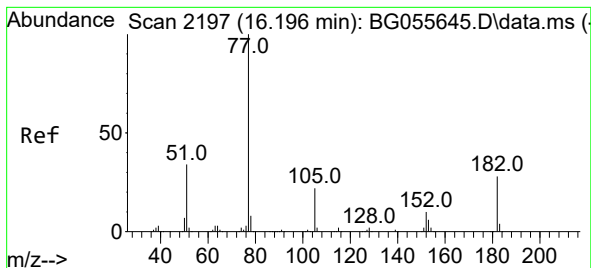
Tgt Ion:204 Resp: 11408  
Ion Ratio Lower Upper  
204 100  
206 35.2 26.6 40.0  
141 55.0 40.6 61.0



#62  
4-Nitroaniline  
Concen: 2.661 ng  
RT: 15.921 min Scan# 2150  
Delta R.T. -0.011 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:138 Resp: 4549  
Ion Ratio Lower Upper  
138 100  
92 49.3 27.3 67.3  
108 92.9 62.8 102.8





#63

Azobenzene

Concen: 2.366 ng

RT: 16.191 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 19456

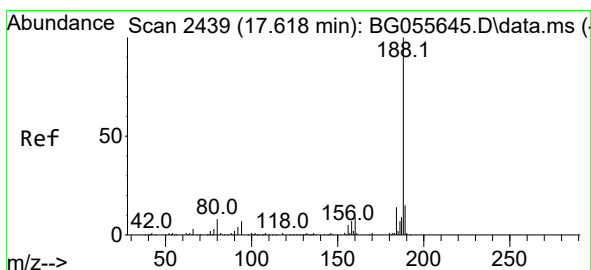
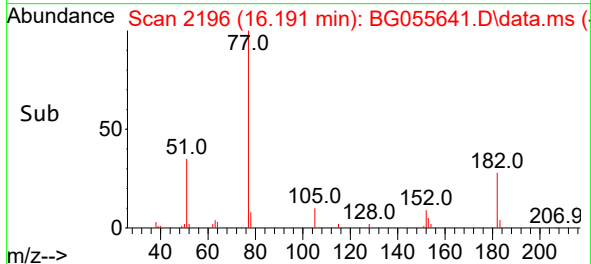
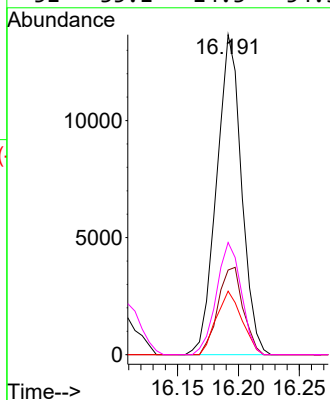
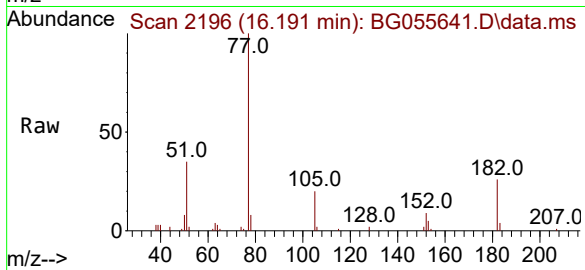
Ion Ratio Lower Upper

77 100

182 26.4 8.1 48.1

105 19.8 1.8 41.8

51 35.1 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.613 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

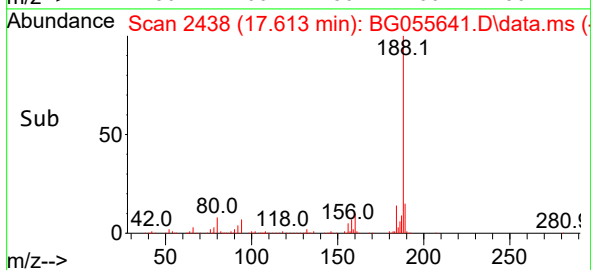
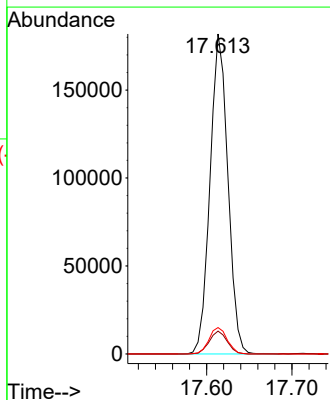
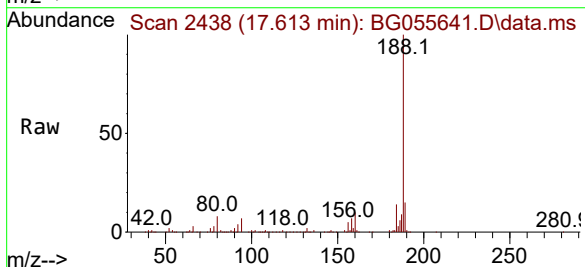
Tgt Ion:188 Resp: 264967

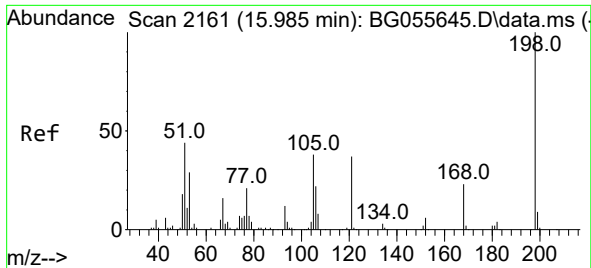
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.3 6.6 10.0

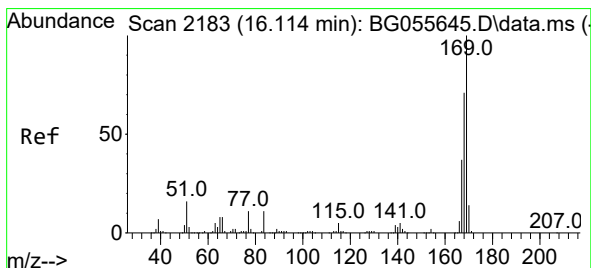
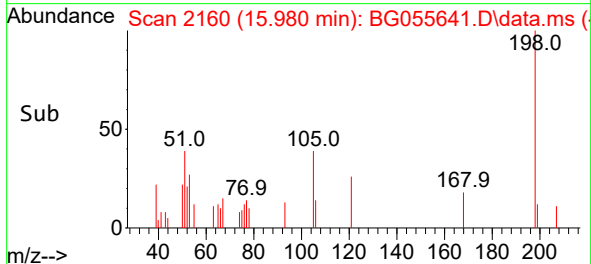
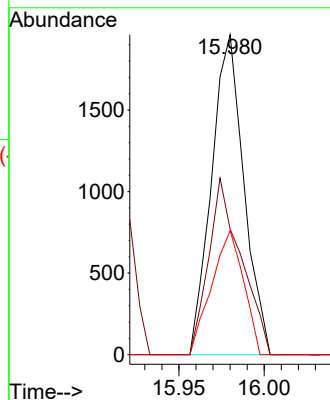
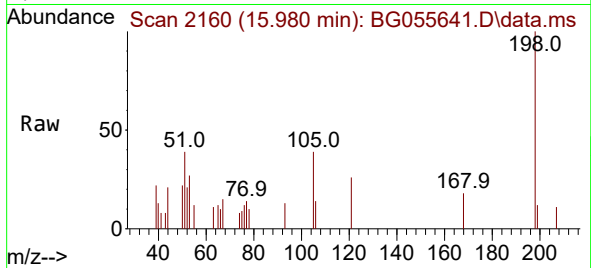




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.756 ng  
RT: 15.980 min Scan# 2160  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

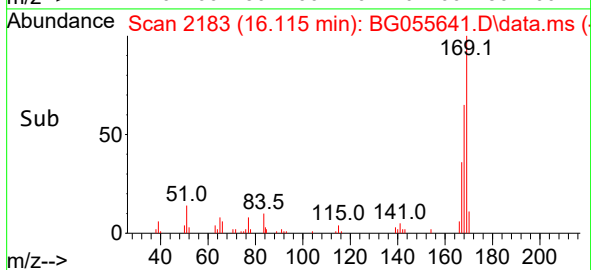
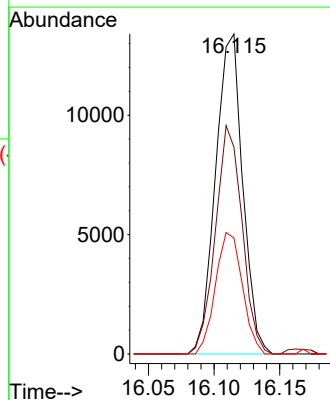
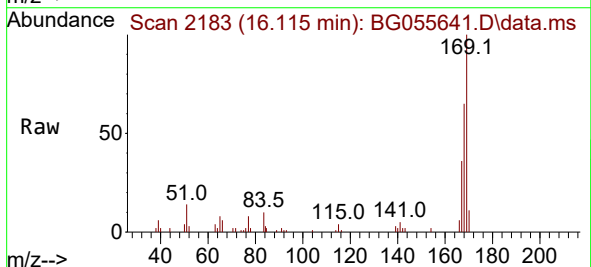
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

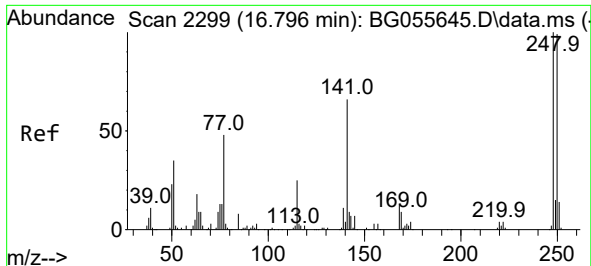
Tgt Ion:198 Resp: 2584  
Ion Ratio Lower Upper  
198 100  
51 39.2 27.7 67.7  
105 38.7 19.3 59.3



#66  
n-Nitrosodiphenylamine  
Concen: 2.610 ng  
RT: 16.115 min Scan# 2183  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:169 Resp: 19301  
Ion Ratio Lower Upper  
169 100  
168 64.6 56.6 85.0  
167 36.2 29.9 44.9

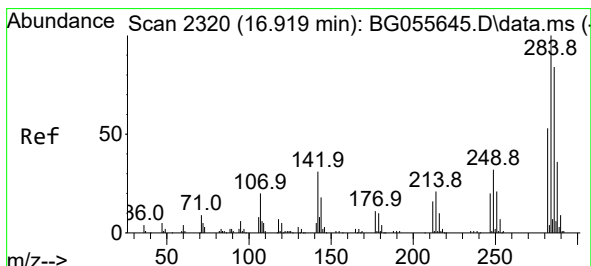
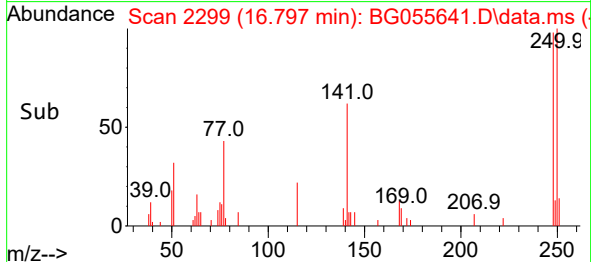
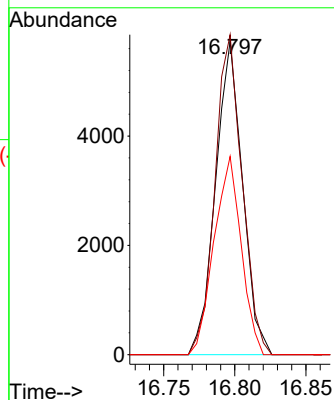
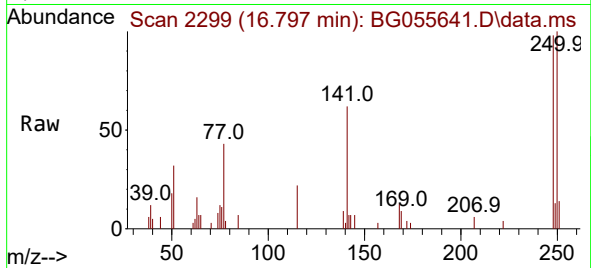




#67  
4-Bromophenyl-phenylether  
Concen: 2.758 ng  
RT: 16.797 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

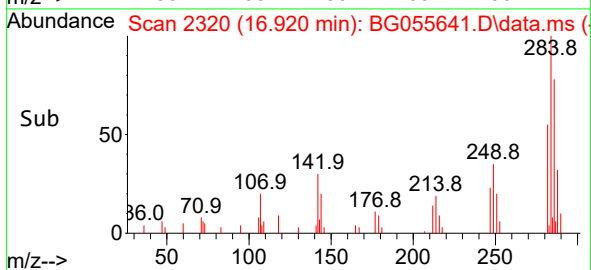
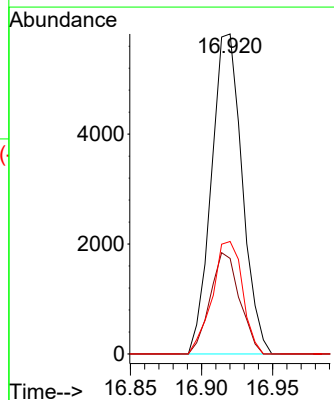
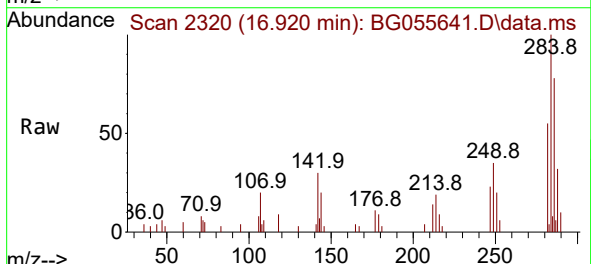
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

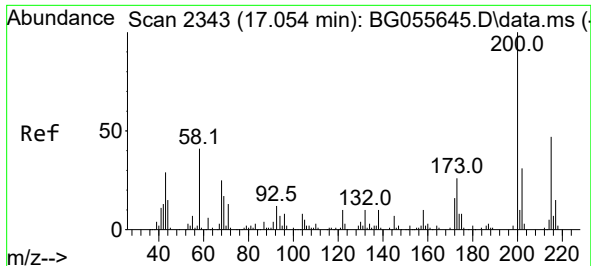
Tgt Ion:248 Resp: 7577  
Ion Ratio Lower Upper  
248 100  
250 102.0 79.0 118.4  
141 63.2 52.9 79.3



#68  
Hexachlorobenzene  
Concen: 2.712 ng  
RT: 16.920 min Scan# 2320  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:284 Resp: 8756  
Ion Ratio Lower Upper  
284 100  
142 29.9 24.8 37.2  
249 35.2 25.7 38.5

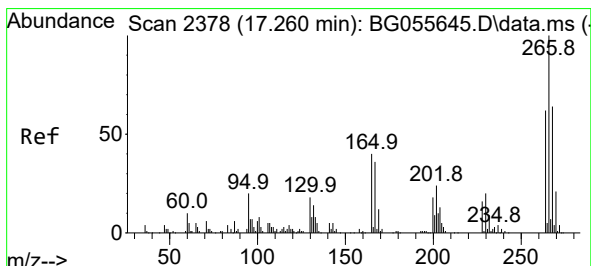
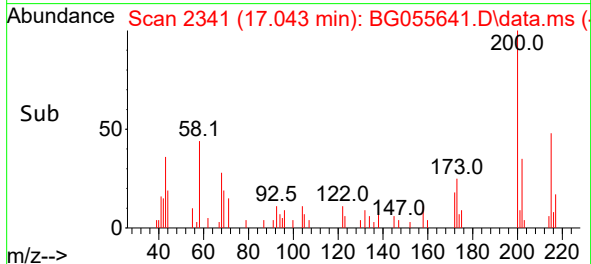
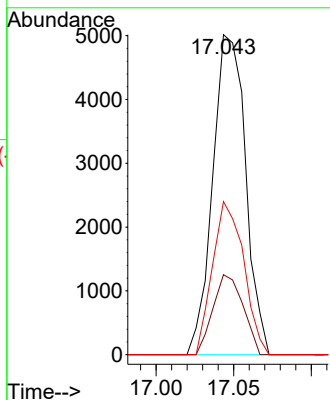
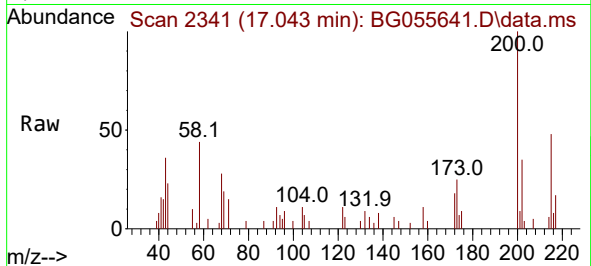




#69  
 Atrazine  
 Concen: 2.738 ng  
 RT: 17.043 min Scan# 21  
 Delta R.T. -0.011 min  
 Lab File: BG055641.D  
 Acq: 16 Nov 2022 10:43

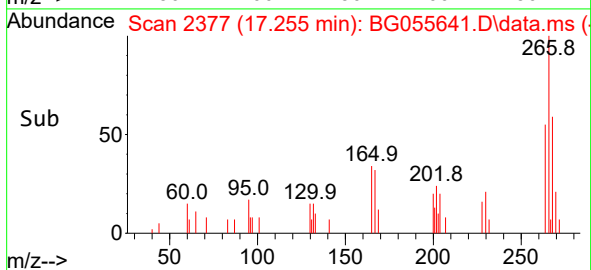
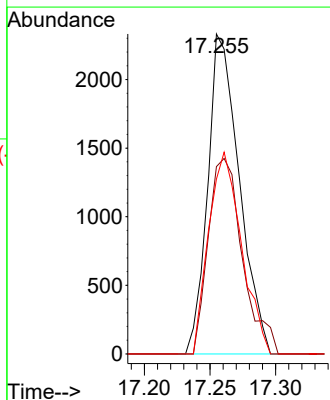
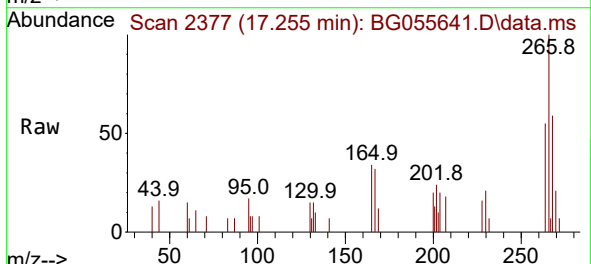
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

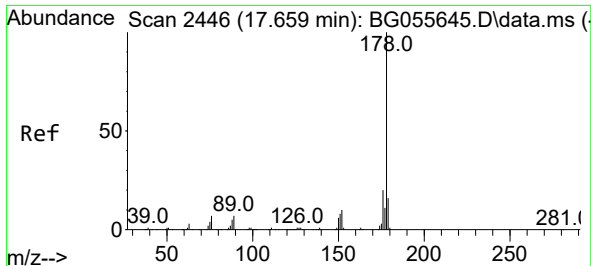
Tgt Ion:200 Resp: 7372  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 5.6 45.6  
 215 47.9 27.2 67.2



#70  
 Pentachlorophenol  
 Concen: 2.145 ng  
 RT: 17.255 min Scan# 2377  
 Delta R.T. -0.005 min  
 Lab File: BG055641.D  
 Acq: 16 Nov 2022 10:43

Tgt Ion:266 Resp: 3903  
 Ion Ratio Lower Upper  
 266 100  
 268 58.5 51.2 76.8  
 264 54.7 49.5 74.3

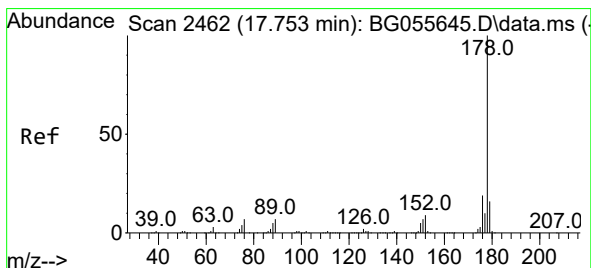
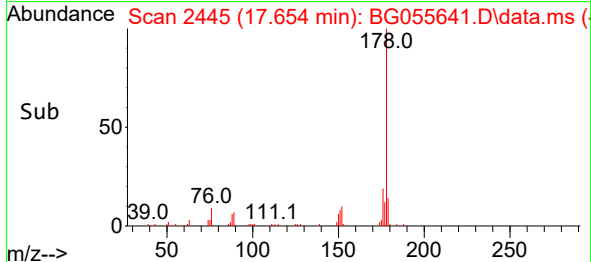
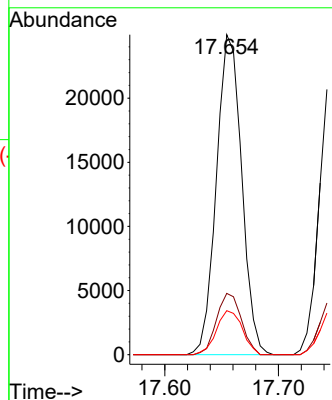
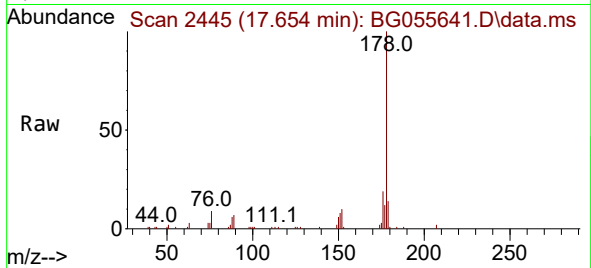




#71  
Phenanthrene  
Concen: 2.698 ng  
RT: 17.654 min Scan# 2446  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

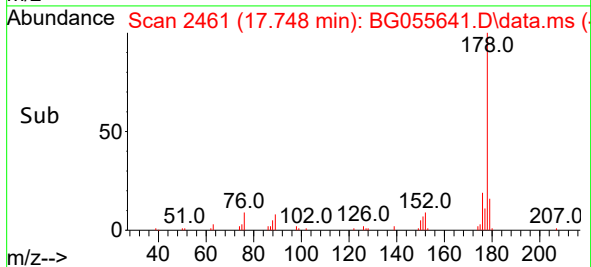
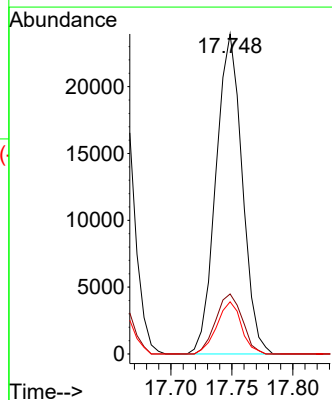
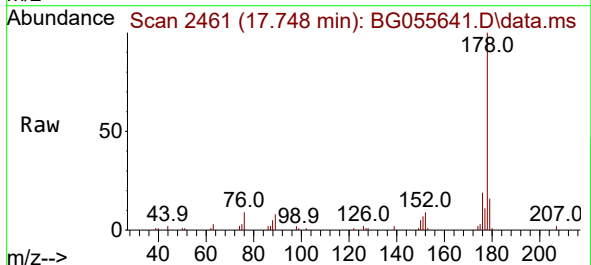
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

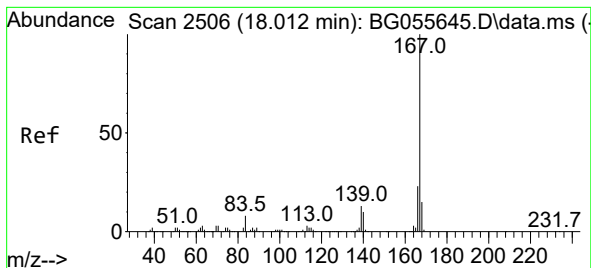
Tgt Ion:178 Resp: 38460  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 13.7 12.7 19.1



#72  
Anthracene  
Concen: 2.572 ng  
RT: 17.748 min Scan# 2461  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:178 Resp: 35846  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.5 23.3  
179 16.3 12.5 18.7





#73

Carbazole

Concen: 2.671 ng

RT: 18.013 min Scan# 2506

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

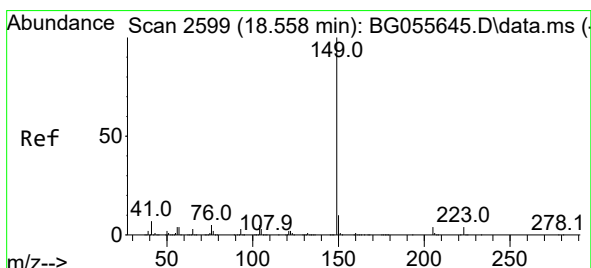
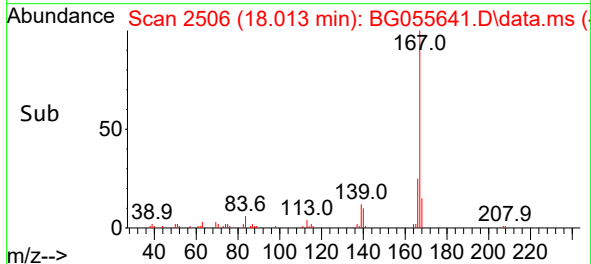
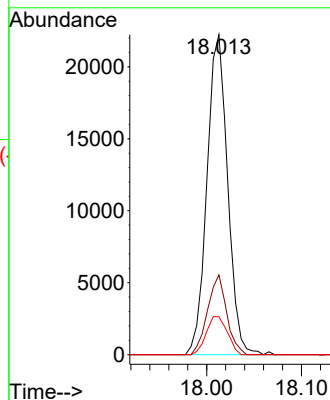
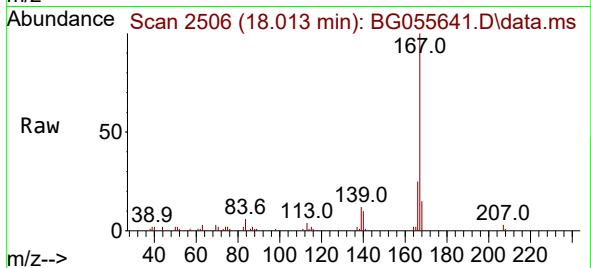
Tgt Ion:167 Resp: 33647

Ion Ratio Lower Upper

167 100

166 24.9 18.2 27.2

139 11.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 2.789 ng

RT: 18.553 min Scan# 2598

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

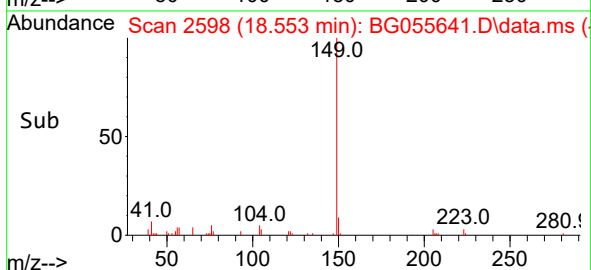
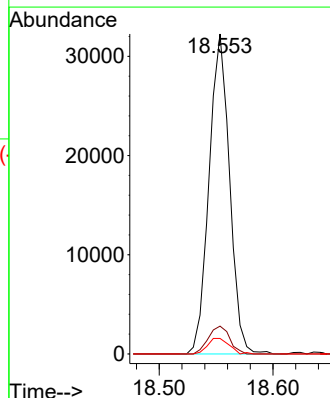
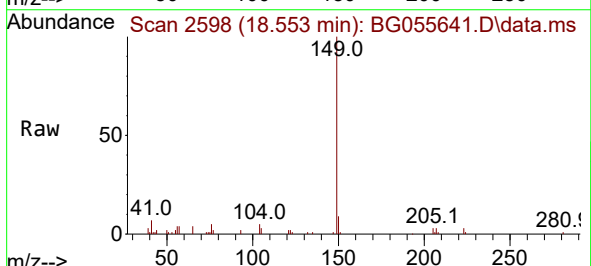
Tgt Ion:149 Resp: 40421

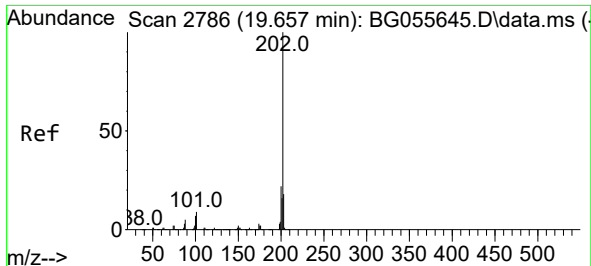
Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

104 4.8 4.0 6.0

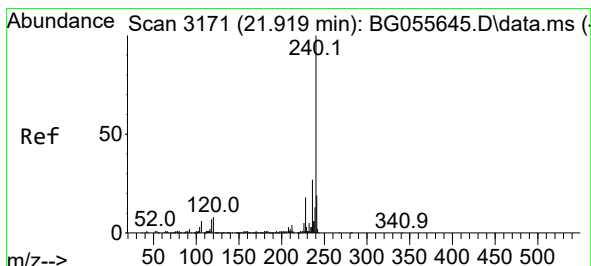
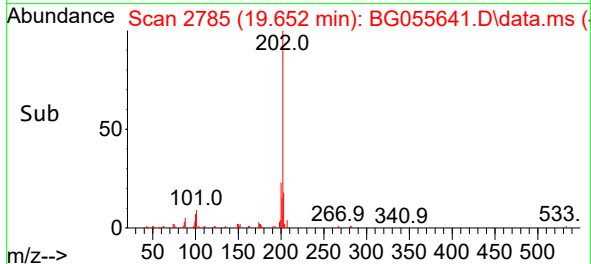
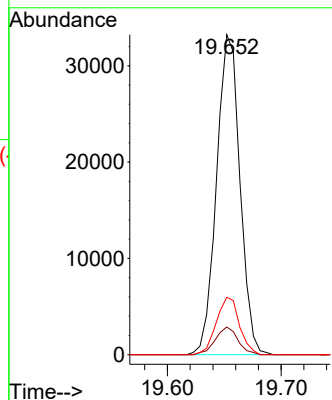
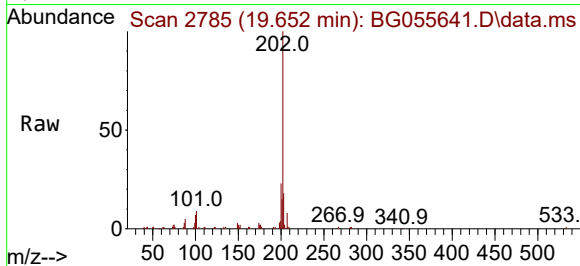




#75  
Fluoranthene  
Concen: 2.790 ng  
RT: 19.652 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

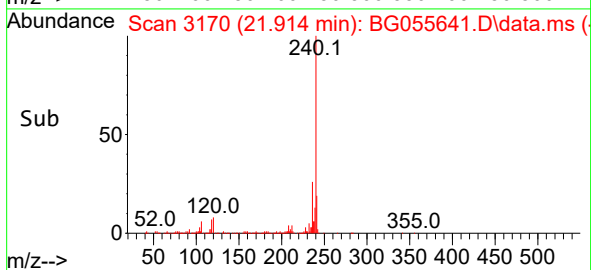
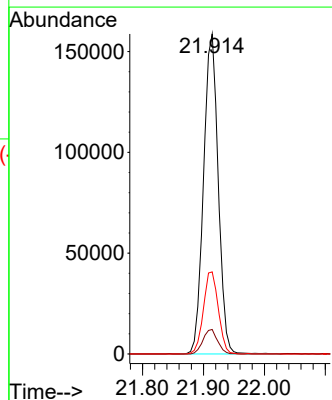
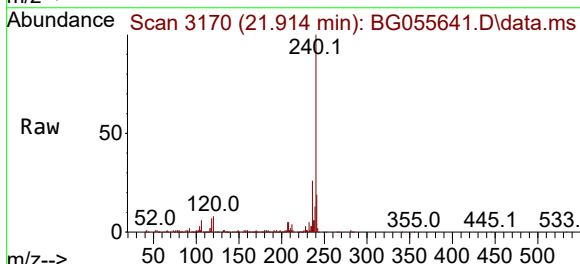
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

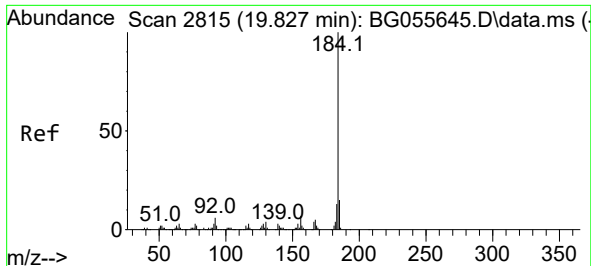
Tgt Ion:202 Resp: 47531  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 28.8  
203 17.9 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.914 min Scan# 3170  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:240 Resp: 265476  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.3 9.5  
236 25.7 21.9 32.9

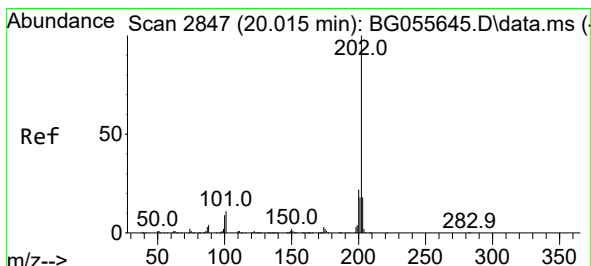
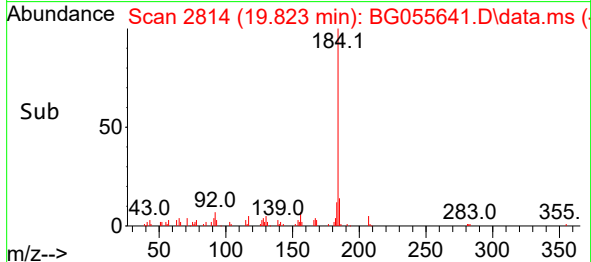
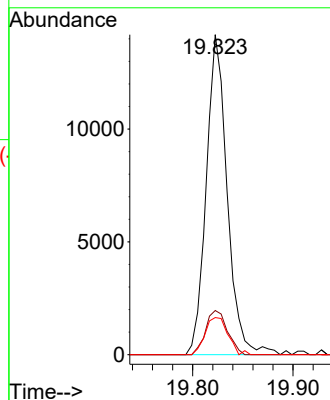
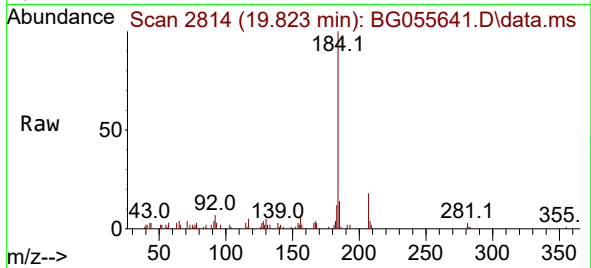




#77  
Benzidine  
Concen: 2.937 ng  
RT: 19.823 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

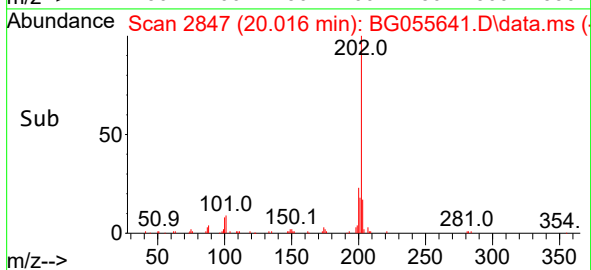
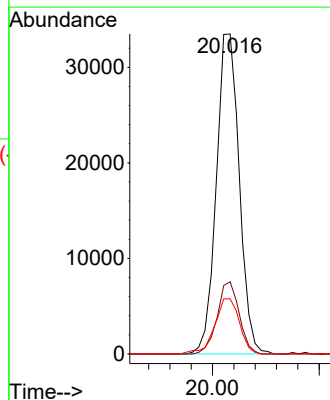
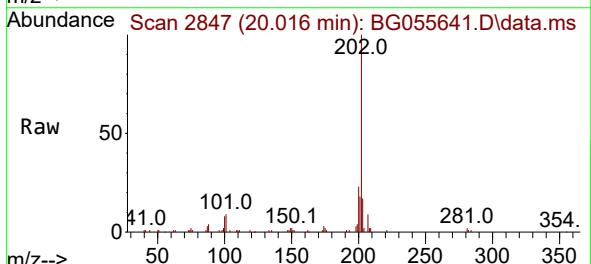
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

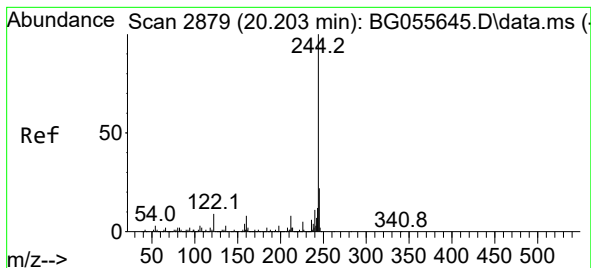
Tgt Ion:184 Resp: 20615  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.8 17.8  
183 11.6 10.6 15.8



#78  
Pyrene  
Concen: 2.769 ng  
RT: 20.016 min Scan# 2847  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:202 Resp: 49937  
Ion Ratio Lower Upper  
202 100  
200 22.6 17.8 26.6  
203 17.2 14.4 21.6





#79

Terphenyl-d14

Concen: 5.479 ng

RT: 20.199 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

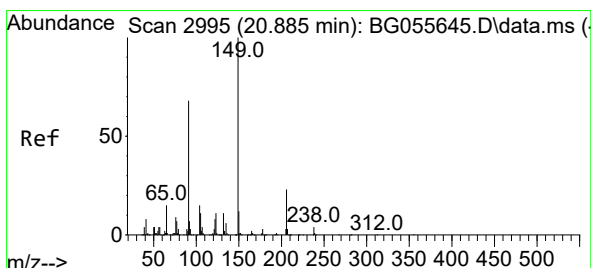
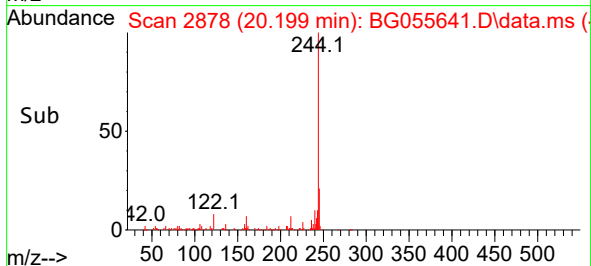
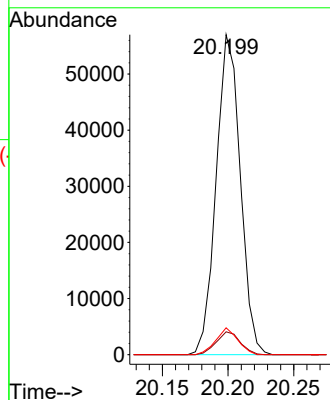
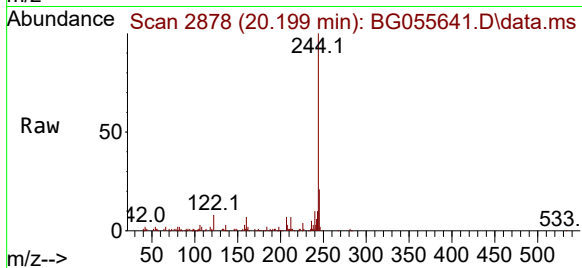
Tgt Ion:244 Resp: 72724

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 8.4 6.9 10.3



#80

Butylbenzylphthalate

Concen: 3.233 ng

RT: 20.886 min Scan# 2995

Delta R.T. 0.001 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

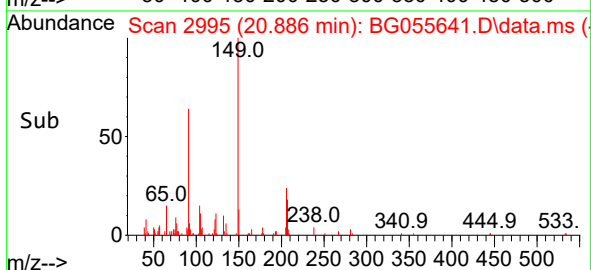
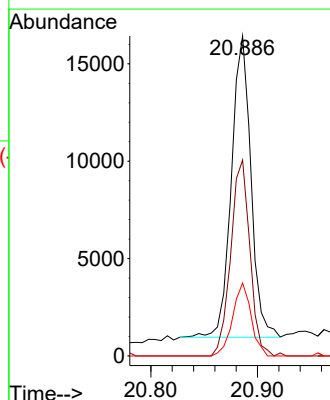
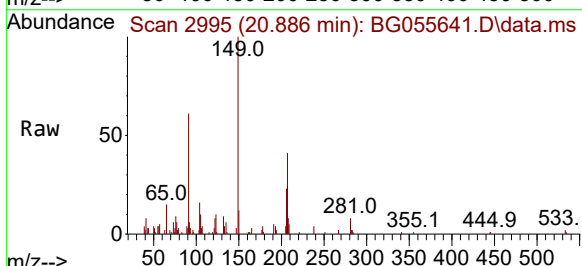
Tgt Ion:149 Resp: 19699

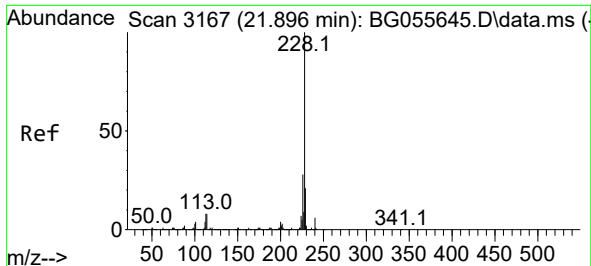
Ion Ratio Lower Upper

149 100

91 61.3 54.6 81.8

206 22.8 18.3 27.5

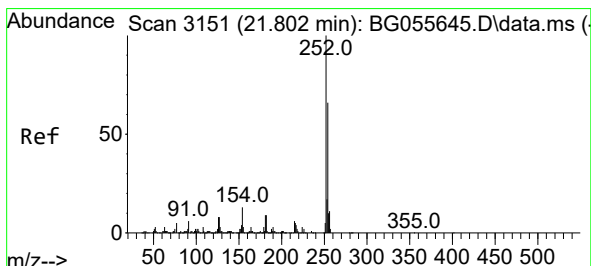
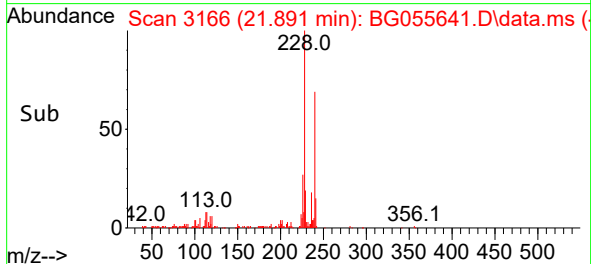
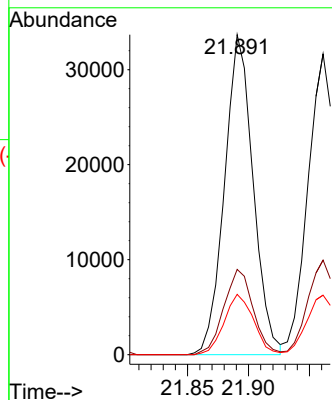
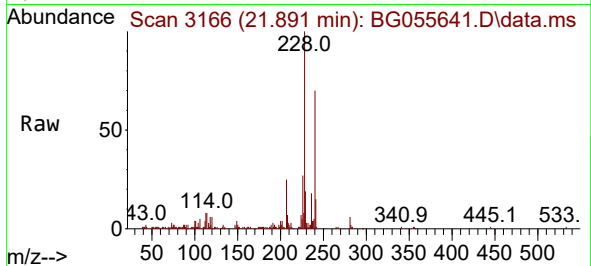




#81  
Benzo(a)anthracene  
Concen: 3.022 ng  
RT: 21.891 min Scan# 3166  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

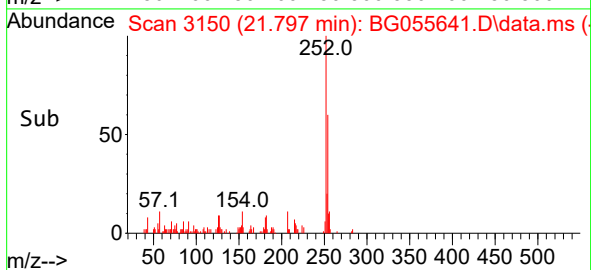
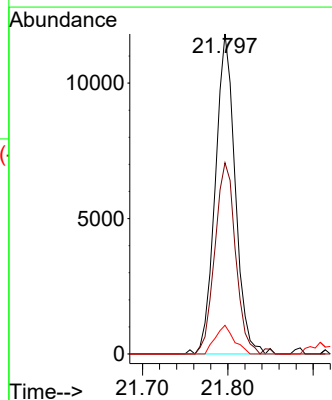
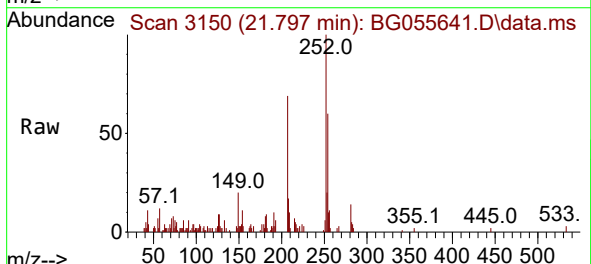
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

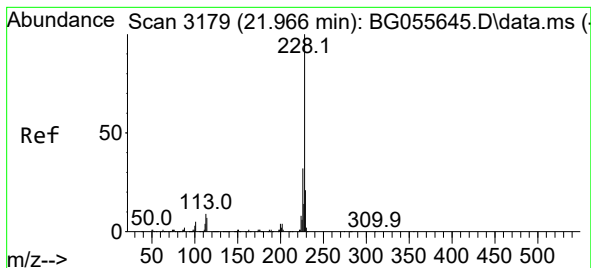
Tgt Ion:228 Resp: 55037  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.7 34.1  
229 18.8 16.5 24.7



#82  
3,3'-Dichlorobenzidine  
Concen: 3.195 ng  
RT: 21.797 min Scan# 3150  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:252 Resp: 19151  
Ion Ratio Lower Upper  
252 100  
254 59.8 53.0 79.6  
126 8.9 6.7 10.1





#83

Chrysene

Concen: 3.025 ng

RT: 21.961 min Scan# 3179

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

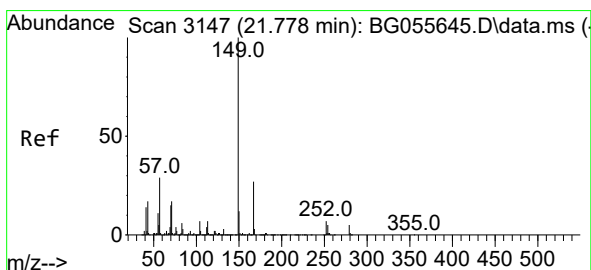
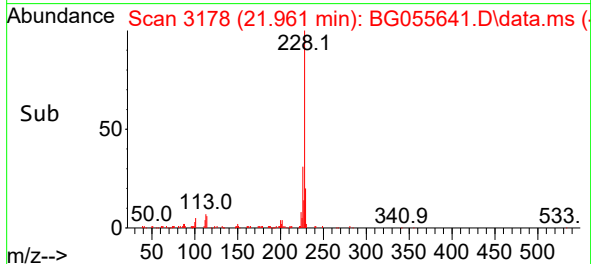
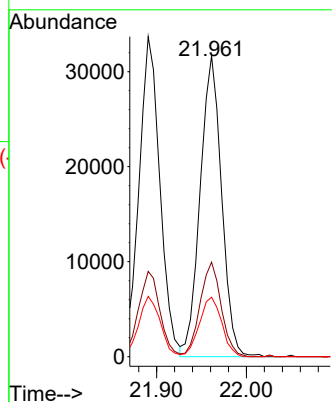
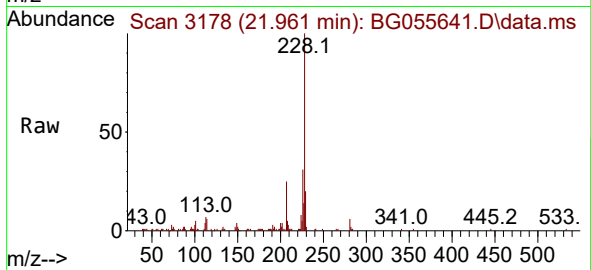
Tgt Ion:228 Resp: 52433

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.2

229 19.8 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.449 ng

RT: 21.773 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

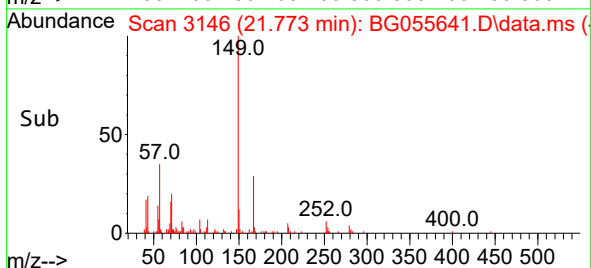
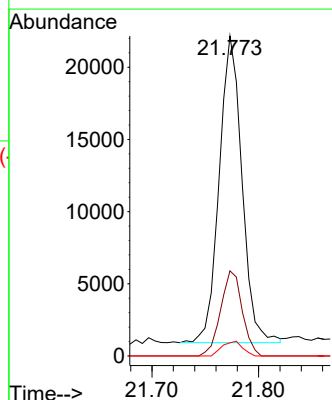
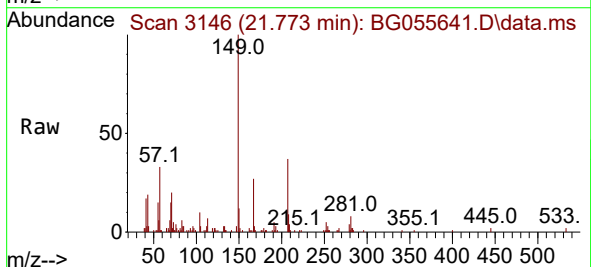
Tgt Ion:149 Resp: 31460

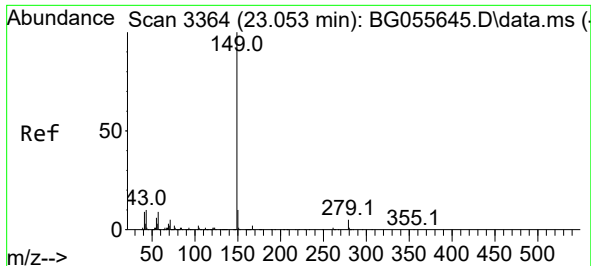
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

279 4.1 3.7 5.5

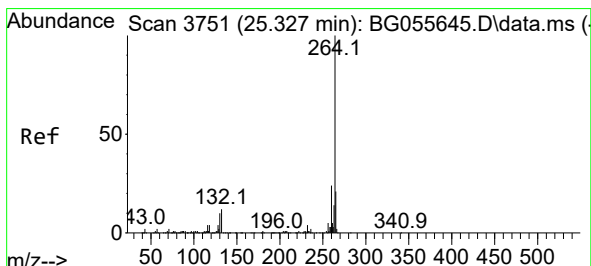
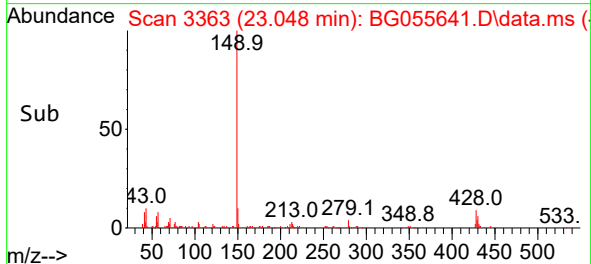
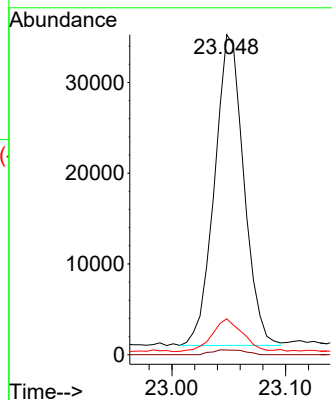
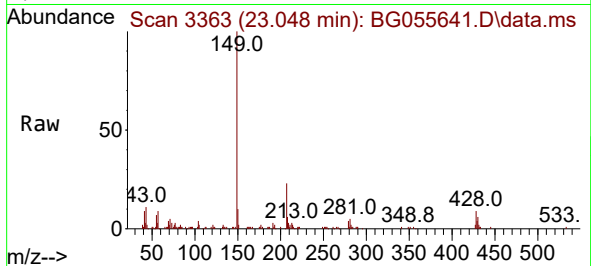




#85  
Di-n-octyl phthalate  
Concen: 3.857 ng  
RT: 23.048 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

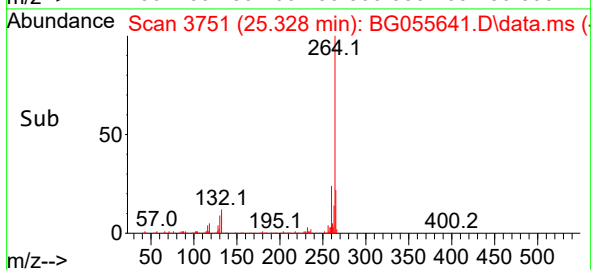
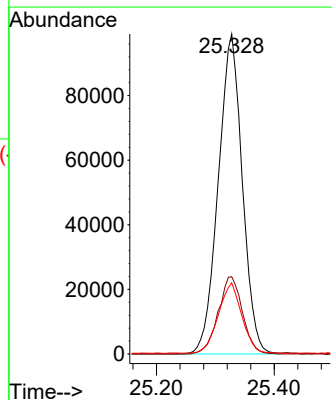
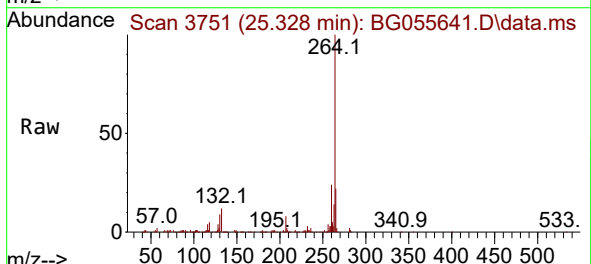
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

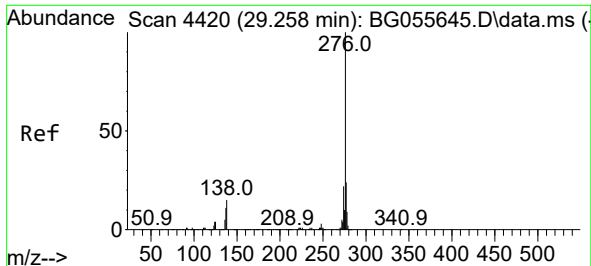
Tgt Ion:149 Resp: 61328  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.1 8.4 12.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.328 min Scan# 3751  
Delta R.T. 0.001 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:264 Resp: 280954  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.5 29.3  
265 22.2 17.1 25.7

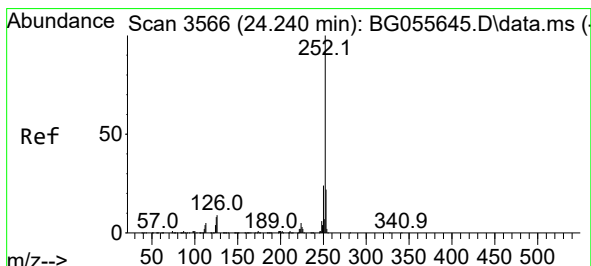
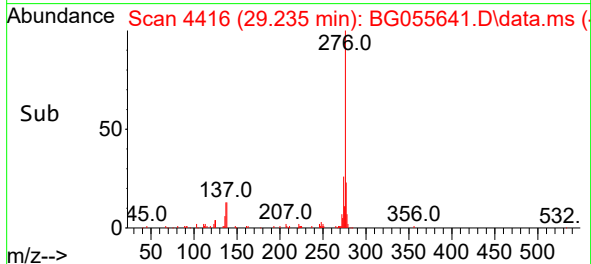
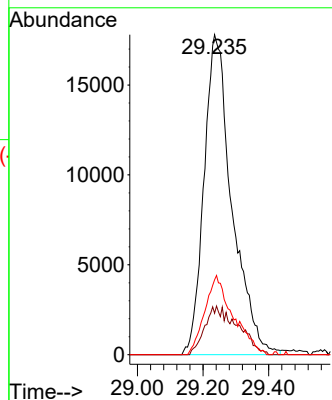
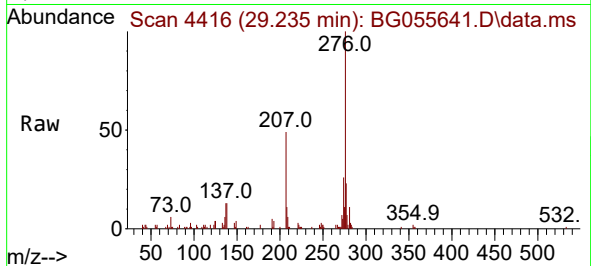




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.875 ng  
RT: 29.235 min Scan# 4420  
Delta R.T. -0.023 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

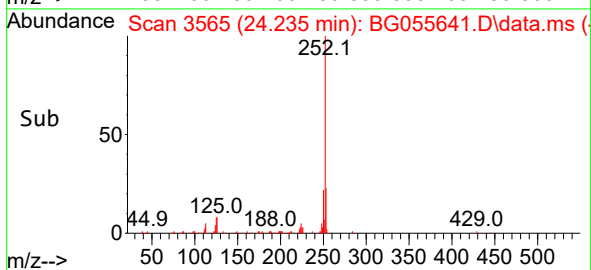
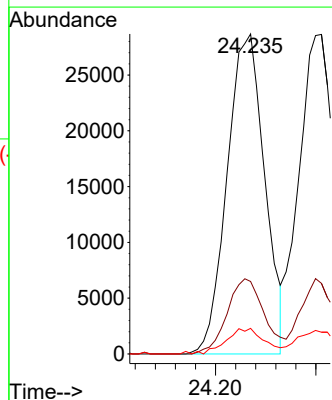
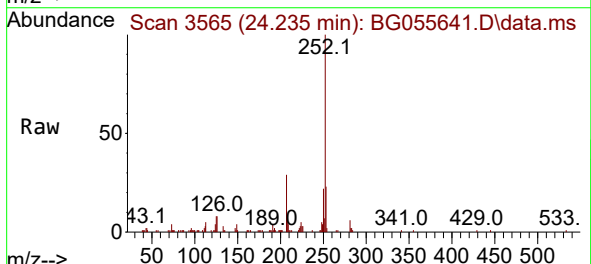
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

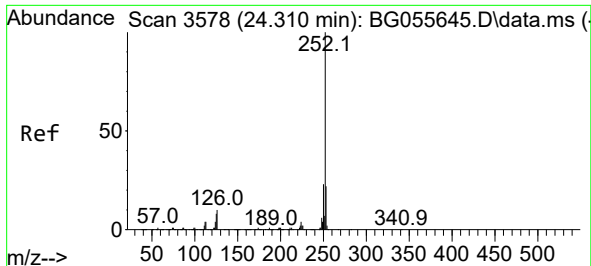
Tgt Ion:276 Resp: 105393  
Ion Ratio Lower Upper  
276 100  
138 8.2 10.4 15.6#  
277 25.0 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 4.151 ng  
RT: 24.235 min Scan# 3565  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:252 Resp: 74433  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 8.0 6.2 9.2

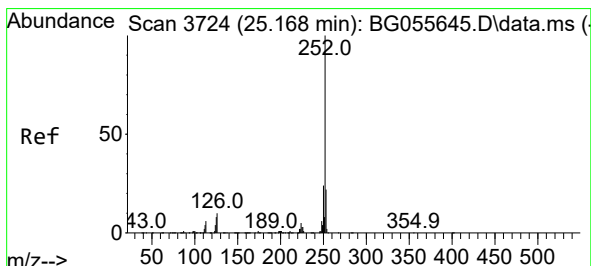
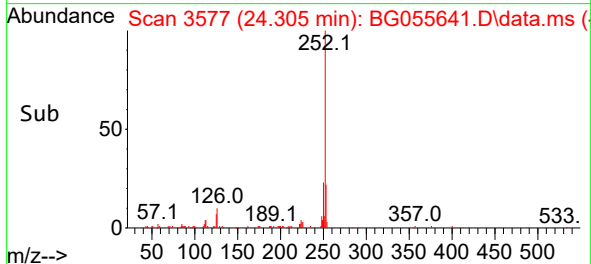
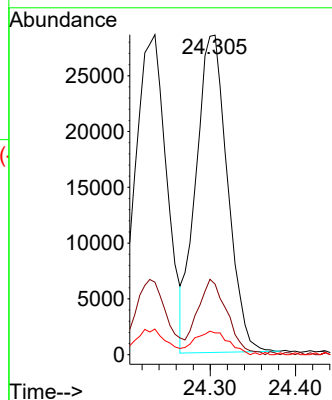
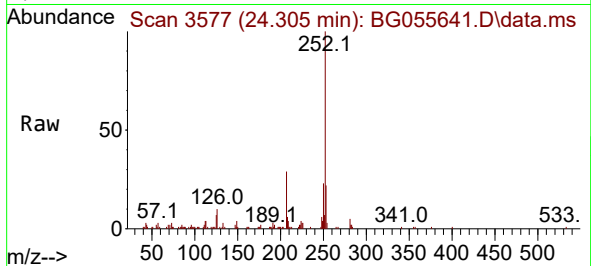




#89  
Benzo(k)fluoranthene  
Concen: 4.019 ng  
RT: 24.305 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

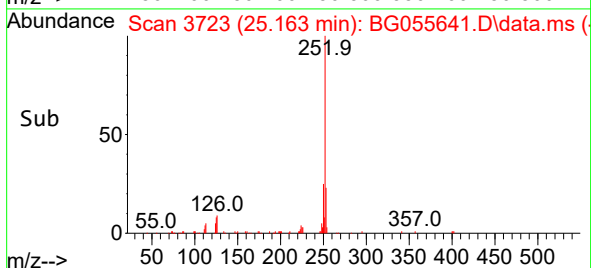
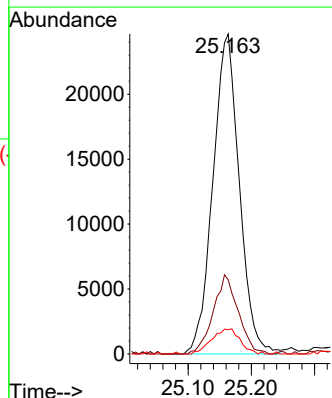
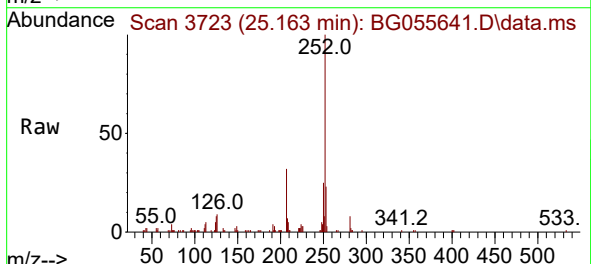
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BNA\_G  
ClientSampleId :  
SSTDICC2.5

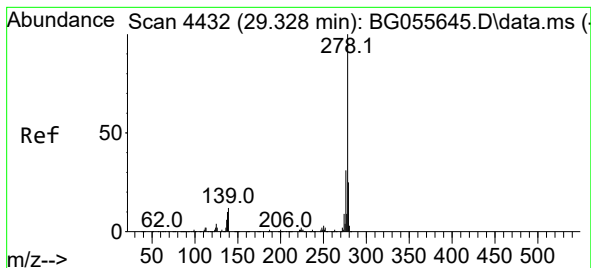
Tgt Ion:252 Resp: 73312  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 6.8 6.1 9.1



#90  
Benzo(a)pyrene  
Concen: 4.642 ng  
RT: 25.163 min Scan# 3723  
Delta R.T. -0.005 min  
Lab File: BG055641.D  
Acq: 16 Nov 2022 10:43

Tgt Ion:252 Resp: 71558  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.6  
125 7.6 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 4.651 ng

RT: 29.311 min Scan# 4429

Delta R.T. -0.017 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

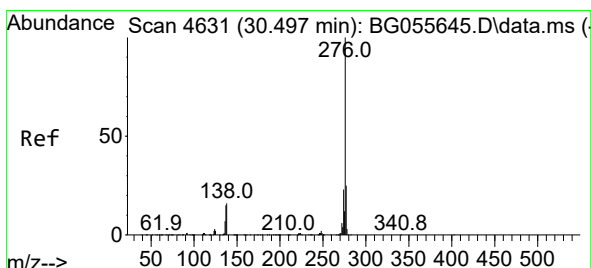
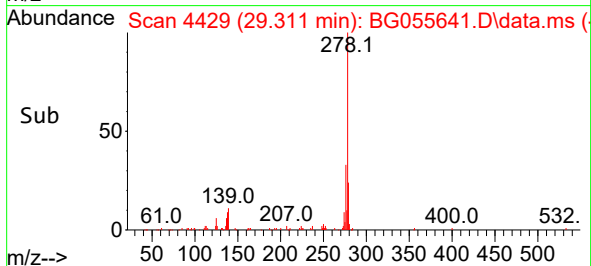
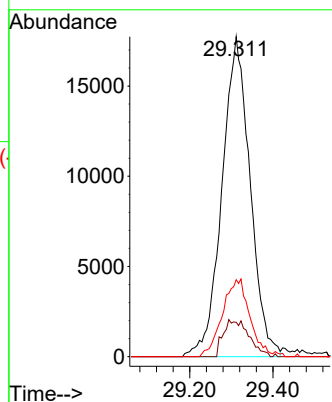
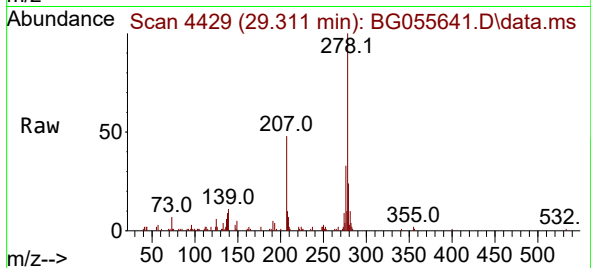
Tgt Ion:278 Resp: 83033

Ion Ratio Lower Upper

278 100

139 10.8 9.8 14.8

279 24.1 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 5.256 ng

RT: 30.469 min Scan# 4626

Delta R.T. -0.028 min

Lab File: BG055641.D

Acq: 16 Nov 2022 10:43

Tgt Ion:276 Resp: 92171

Ion Ratio Lower Upper

276 100

277 21.4 19.8 29.6

138 16.4 13.1 19.7

