

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
 Data File : BM038462.D  
 Acq On : 17 Jan 2023 10:27  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 18 03:49:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 03:06:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 50321    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.792 | 136  | 179181   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.616 | 164  | 131662   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 339936   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.527 | 240  | 406845   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.950 | 264  | 453664   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 237336   | 71.944 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 307477   | 72.762 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.157  | 82   | 369562   | 84.037 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.104 | 330  | 201192   | 90.393 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.239 | 172  | 854008   | 80.892 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.968 | 244  | 1917195  | 88.217 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 54636    | 36.241 | ng    | 99       |
| 3) Pyridine                   | 3.799  | 79   | 172690   | 39.598 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 102455   | 39.706 | ng    | # 99     |
| 6) Aniline                    | 7.310  | 93   | 197023   | 36.912 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.540  | 128  | 123845   | 37.918 | ng    | 98       |
| 9) Benzaldehyde               | 7.122  | 77   | 102715   | 36.349 | ng    | 96       |
| 10) Phenol                    | 7.169  | 94   | 158265   | 35.940 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.404  | 93   | 127112   | 35.619 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.863  | 146  | 135699   | 38.783 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.016  | 146  | 145758   | 41.407 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.334  | 146  | 136307   | 39.603 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.228  | 79   | 149536   | 44.182 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 201232   | 40.445 | ng    | 97       |
| 17) 2-Methylphenol            | 8.428  | 107  | 125028   | 42.036 | ng    | 99       |
| 18) Hexachloroethane          | 9.057  | 117  | 57677    | 40.003 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.792  | 70   | 130144   | 42.428 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 158666   | 39.732 | ng    | 98       |
| 22) Acetophenone              | 8.816  | 105  | 219901   | 41.519 | ng    | # 99     |
| 24) Nitrobenzene              | 9.198  | 77   | 193536   | 41.653 | ng    | 98       |
| 25) Isophorone                | 9.722  | 82   | 328816   | 42.213 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.910  | 139  | 67789    | 41.555 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.963  | 122  | 115278   | 41.500 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.204 | 93   | 187462   | 42.792 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.439 | 162  | 131542   | 42.866 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.651 | 180  | 146607   | 41.314 | ng    | 99       |
| 31) Naphthalene               | 10.845 | 128  | 403715   | 42.514 | ng    | 99       |
| 32) Benzoic acid              | 10.110 | 122  | 88681    | 39.526 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.957 | 127  | 180498   | 43.305 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.116 | 225  | 104019   | 41.799 | ng    | 97       |
| 35) Caprolactam               | 11.763 | 113  | 37817    | 43.601 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.080 | 107  | 154162   | 46.076 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.445 | 142  | 301655   | 43.444 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.663 | 142  | 288469   | 44.254 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.810 | 216  | 192079   | 38.979 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.780 | 237  | 112152   | 40.027 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.051 | 196  | 125509   | 40.291 | ng    | 98       |

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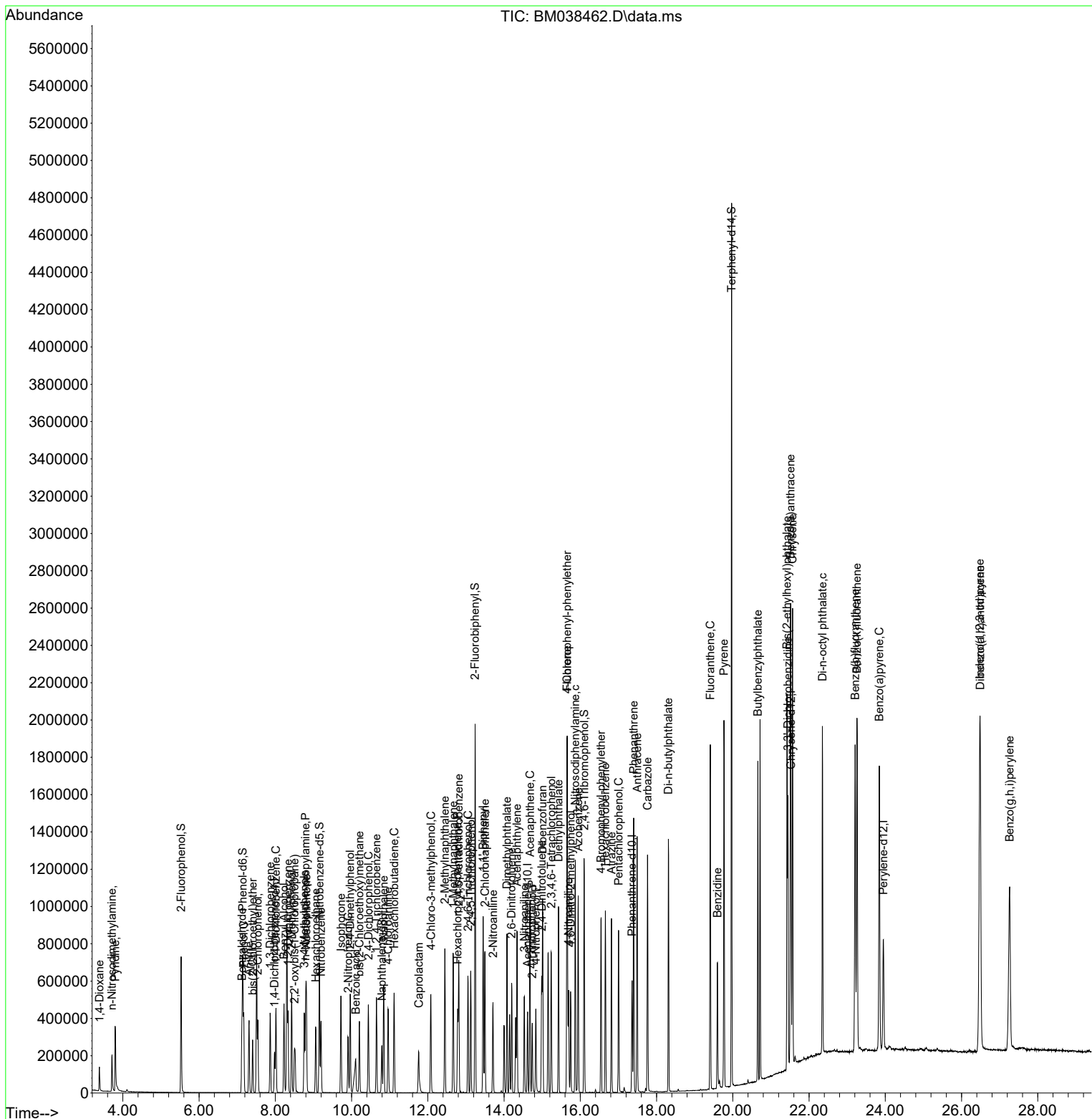
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 BNA\_M  
 ClientSampleId :  
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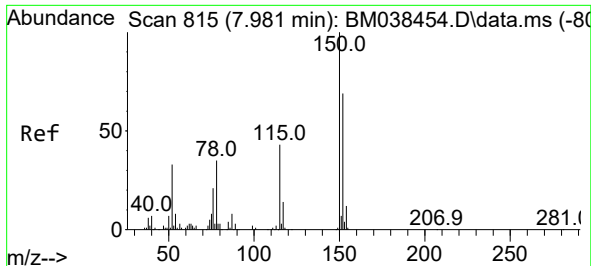
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 03:06:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.127 | 196  | 149396   | 40.678 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.451 | 154  | 410260   | 40.164 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.498 | 162  | 323825   | 40.278 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.710 | 65   | 126145   | 40.539 | ng    | 95       |
| 49) Acenaphthylene            | 14.339 | 152  | 522775   | 41.244 | ng    | 100      |
| 50) Dimethylphthalate         | 14.074 | 163  | 443167   | 41.532 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.198 | 165  | 90789    | 41.825 | ng    | 94       |
| 52) Acenaphthene              | 14.680 | 154  | 321021   | 41.675 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.533 | 138  | 94977    | 40.195 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.739 | 184  | 64240    | 39.714 | ng    | 96       |
| 55) Dibenzofuran              | 15.010 | 168  | 561178   | 42.789 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.833 | 139  | 77894    | 40.940 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 132738   | 43.988 | ng    | 99       |
| 58) Fluorene                  | 15.657 | 166  | 483128   | 44.090 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.239 | 232  | 140547   | 43.161 | ng    | 98       |
| 60) Diethylphthalate          | 15.427 | 149  | 478384   | 43.704 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204  | 262919   | 43.711 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.692 | 138  | 105207   | 41.896 | ng    | 97       |
| 63) Azobenzene                | 15.945 | 77   | 562043   | 46.665 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 92501    | 40.100 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.868 | 169  | 406093   | 40.714 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248  | 164083   | 41.728 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.657 | 284  | 180078   | 40.898 | ng    | 97       |
| 69) Atrazine                  | 16.815 | 200  | 151179   | 42.861 | ng    | 99       |
| 70) Pentachlorophenol         | 17.004 | 266  | 138998   | 43.242 | ng    | 99       |
| 71) Phenanthrene              | 17.398 | 178  | 781828   | 41.572 | ng    | 99       |
| 72) Anthracene                | 17.492 | 178  | 809554   | 41.884 | ng    | 100      |
| 73) Carbazole                 | 17.762 | 167  | 715813   | 42.350 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.309 | 149  | 874922   | 43.583 | ng    | 100      |
| 75) Fluoranthene              | 19.409 | 202  | 1022444  | 43.246 | ng    | 99       |
| 77) Benzidine                 | 19.598 | 184  | 398780   | 44.734 | ng    | 100      |
| 78) Pyrene                    | 19.768 | 202  | 1125299  | 41.562 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.656 | 149  | 420927   | 42.533 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.515 | 228  | 1245606  | 42.568 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.445 | 252  | 407004   | 43.197 | ng    | 98       |
| 83) Chrysene                  | 21.568 | 228  | 1194672  | 42.014 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.421 | 149  | 613538   | 43.125 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.350 | 149  | 1070344  | 42.759 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.480 | 276  | 1428171  | 42.538 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.209 | 252  | 1180796  | 41.976 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.256 | 252  | 1246029  | 42.833 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.844 | 252  | 1180311  | 42.757 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.491 | 278  | 1208346  | 42.889 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.262 | 276  | 1177142  | 42.114 | ng    | 99       |

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

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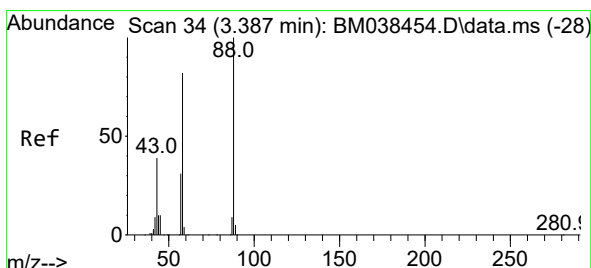
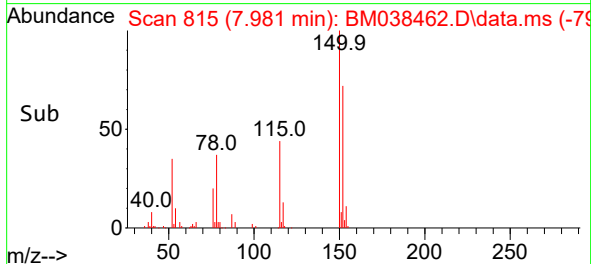
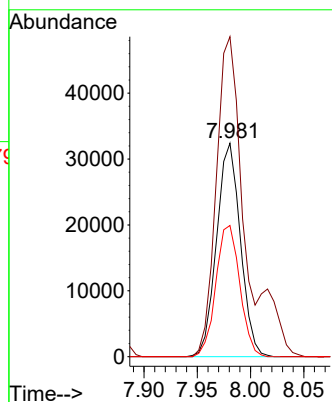
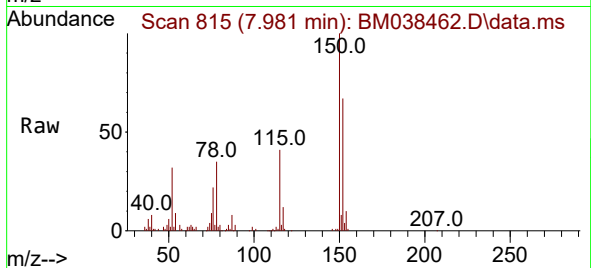




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.981 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

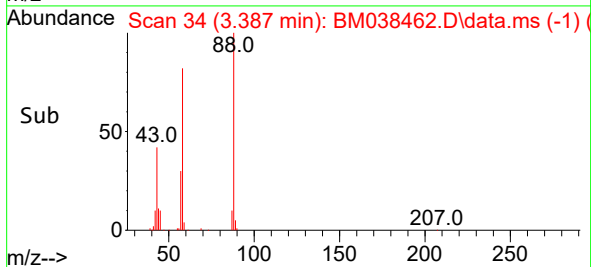
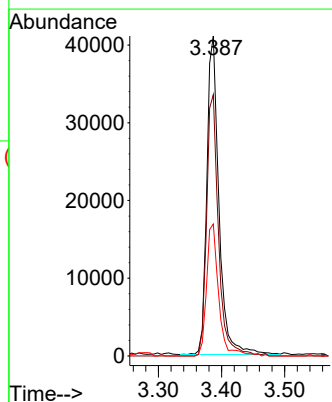
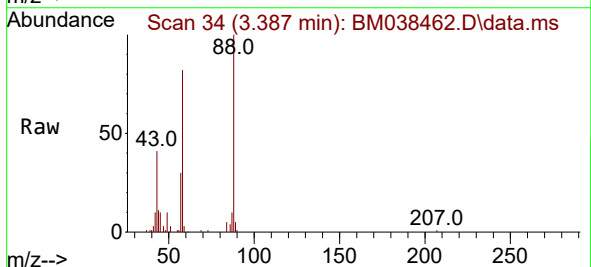
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

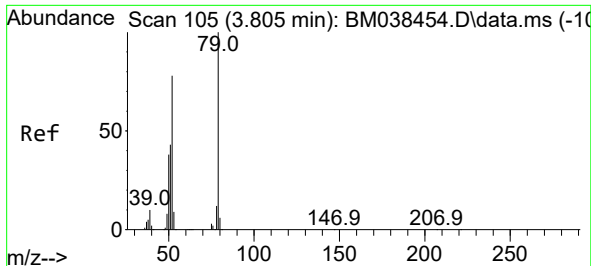
Tgt Ion:152 Resp: 50321  
Ion Ratio Lower Upper  
152 100  
150 149.9 116.0 174.0  
115 61.4 49.4 74.2



#2  
1,4-Dioxane  
Concen: 36.241 ng  
RT: 3.387 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 88 Resp: 54636  
Ion Ratio Lower Upper  
88 100  
58 80.8 64.3 96.5  
43 41.7 32.3 48.5

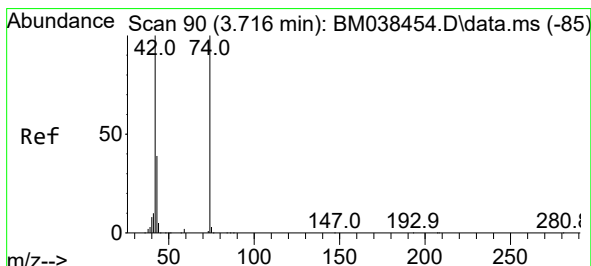
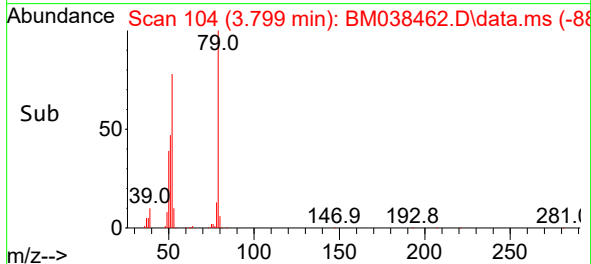
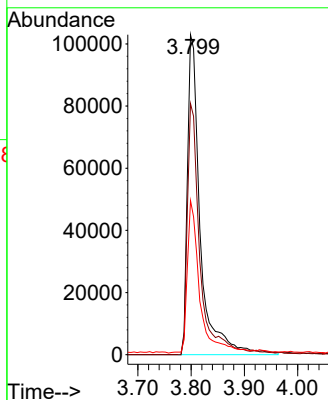
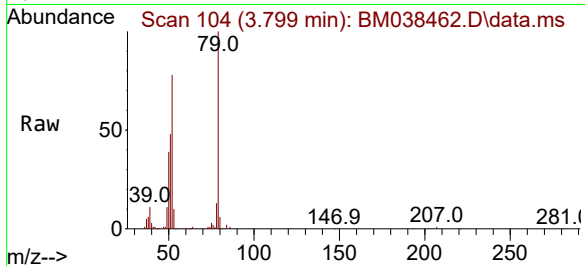




#3  
 Pyridine  
 Concen: 39.598 ng  
 RT: 3.799 min Scan# 104  
 Delta R.T. -0.006 min  
 Lab File: BM038462.D  
 Acq: 17 Jan 2023 10:27

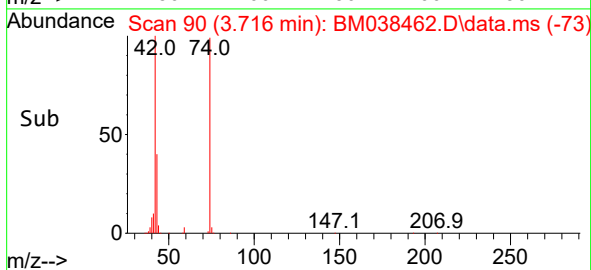
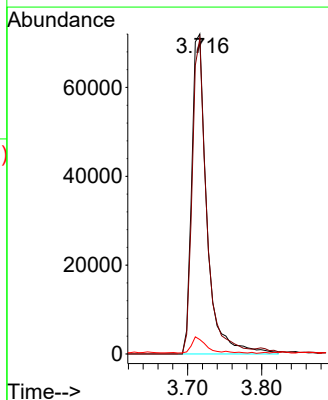
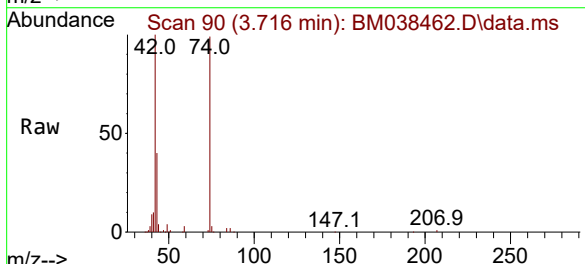
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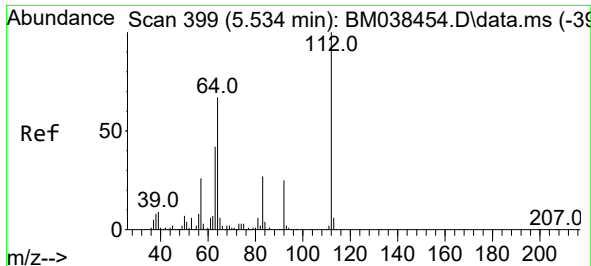
Tgt Ion: 79 Resp: 172690  
 Ion Ratio Lower Upper  
 79 100  
 52 78.5 62.2 93.2  
 51 48.2 34.8 52.2



#4  
 n-Nitrosodimethylamine  
 Concen: 39.706 ng  
 RT: 3.716 min Scan# 90  
 Delta R.T. -0.000 min  
 Lab File: BM038462.D  
 Acq: 17 Jan 2023 10:27

Tgt Ion: 42 Resp: 102455  
 Ion Ratio Lower Upper  
 42 100  
 74 98.6 79.7 119.5  
 44 4.5 4.7 7.1

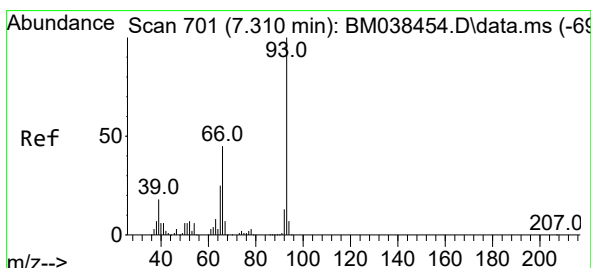
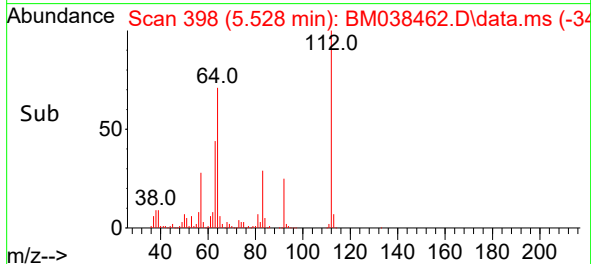
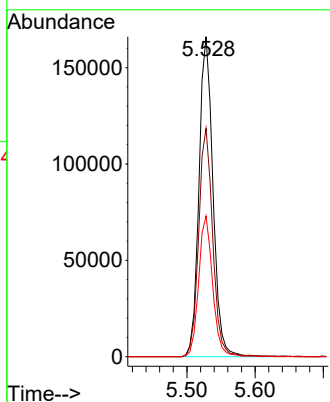
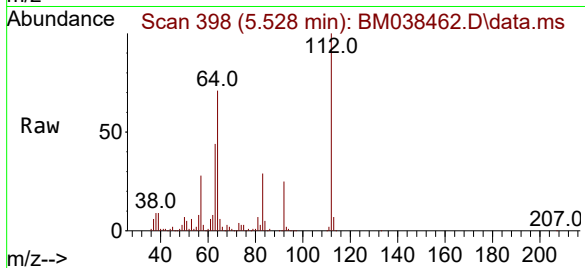




#5  
2-Fluorophenol  
Concen: 71.944 ng  
RT: 5.528 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

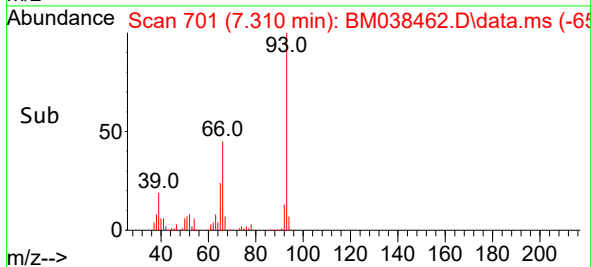
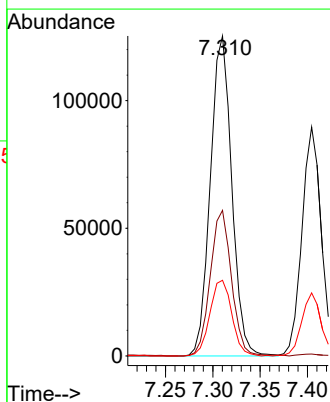
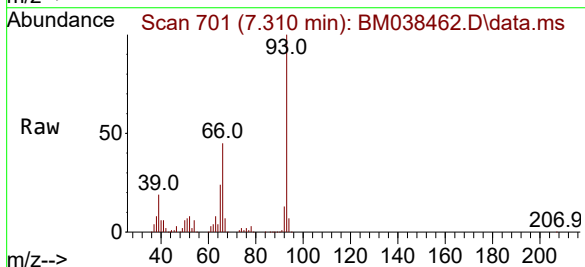
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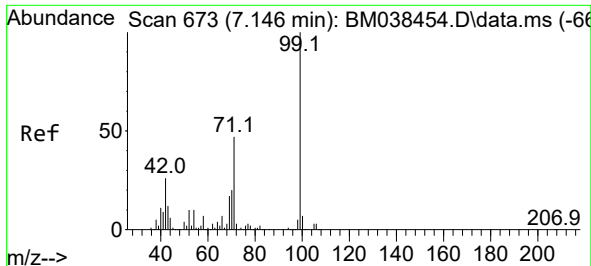
Tgt Ion:112 Resp: 237336  
Ion Ratio Lower Upper  
112 100  
64 71.3 53.7 80.5  
63 44.0 33.7 50.5



#6  
Aniline  
Concen: 36.912 ng  
RT: 7.310 min Scan# 701  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 93 Resp: 197023  
Ion Ratio Lower Upper  
93 100  
66 45.5 36.2 54.2  
65 23.6 19.8 29.8

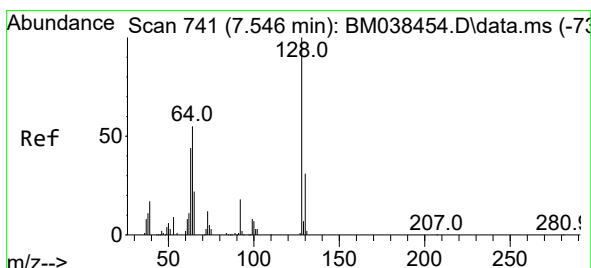
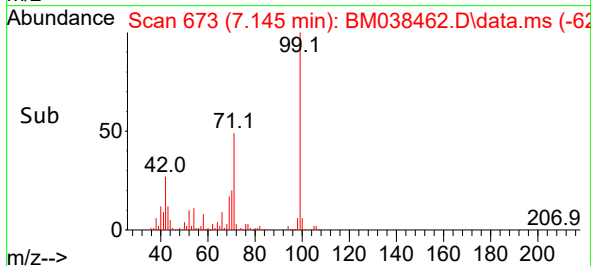
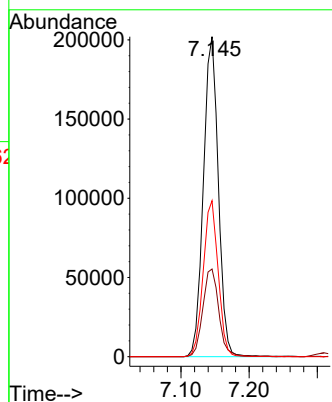
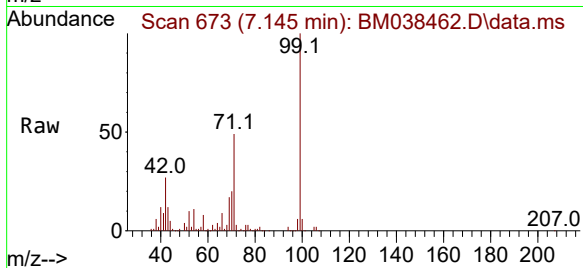




#7  
Phenol-d6  
Concen: 72.762 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

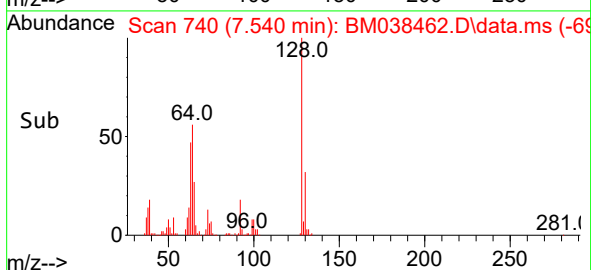
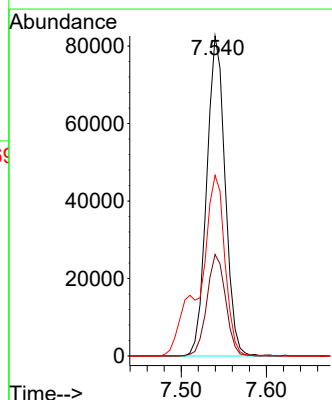
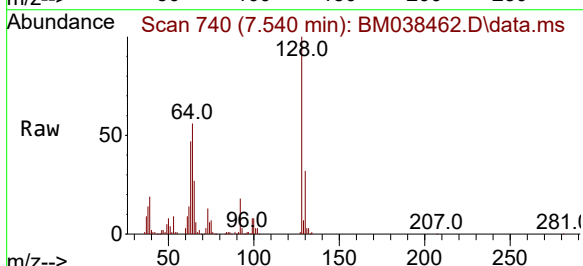
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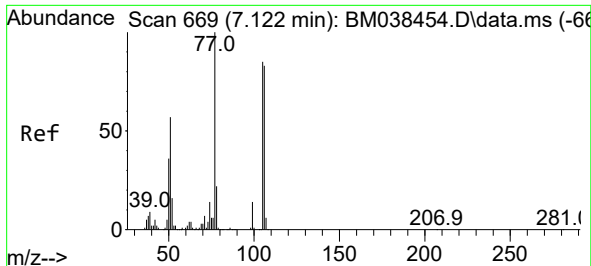
Tgt Ion: 99 Resp: 307477  
Ion Ratio Lower Upper  
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42 27.4 20.8 31.2  
71 48.8 37.8 56.8



#8  
2-Chlorophenol  
Concen: 37.918 ng  
RT: 7.540 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 128 Resp: 123845  
Ion Ratio Lower Upper  
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130 31.7 11.5 51.5  
64 56.4 38.0 78.0

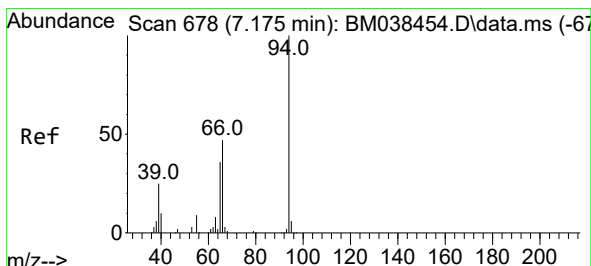
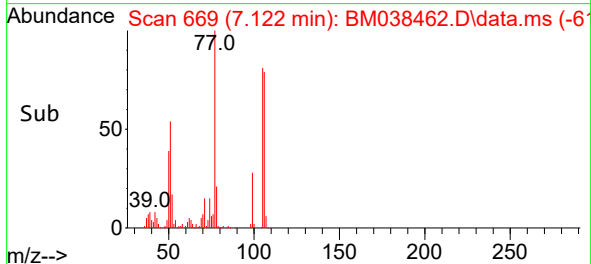
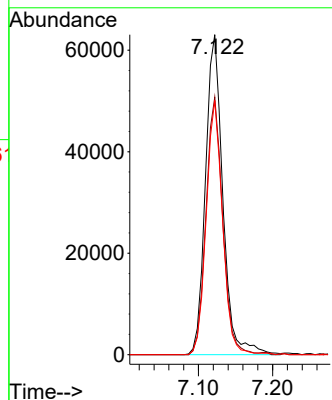
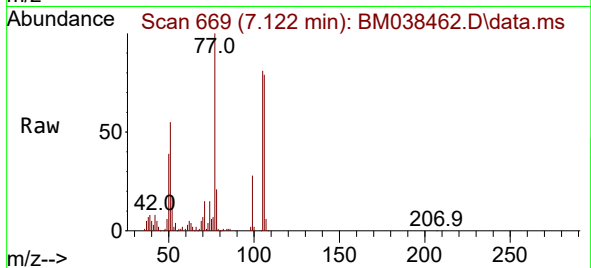




#9  
Benzaldehyde  
Concen: 36.349 ng  
RT: 7.122 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

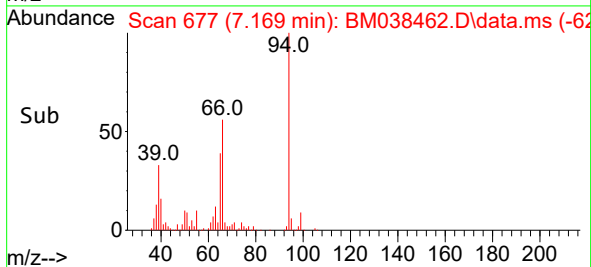
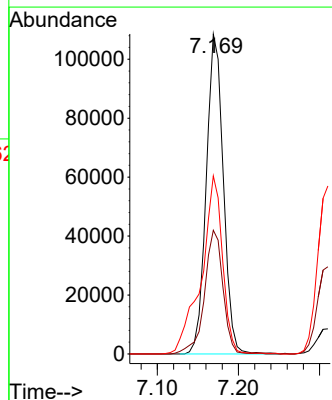
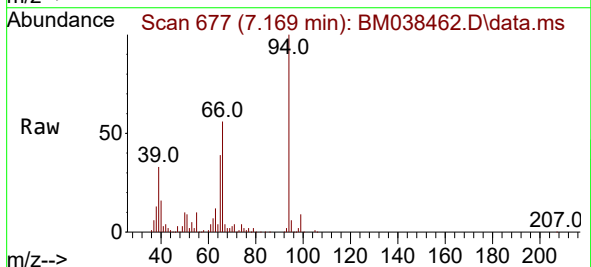
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 102715  
Ion Ratio Lower Upper  
77 100  
105 80.5 65.3 105.3  
106 79.5 62.5 102.5

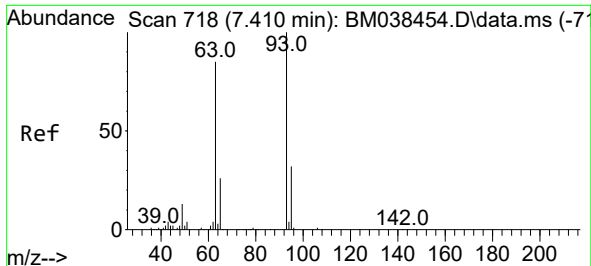


#10  
Phenol  
Concen: 35.940 ng  
RT: 7.169 min Scan# 677  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 94 Resp: 158265  
Ion Ratio Lower Upper  
94 100  
65 38.7 16.3 56.3  
66 55.6 29.2 69.2



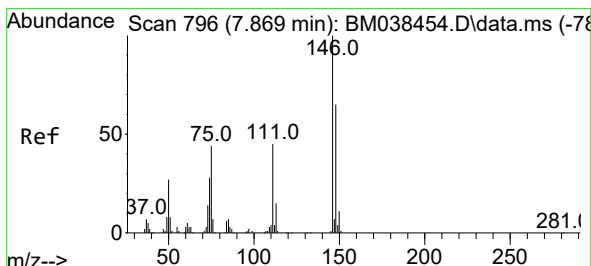
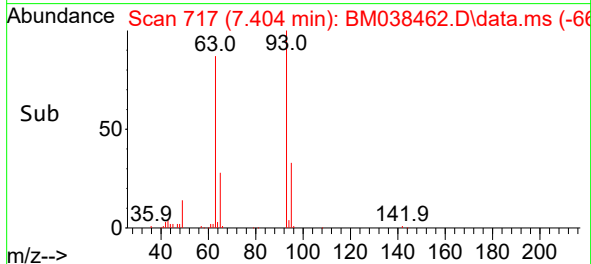
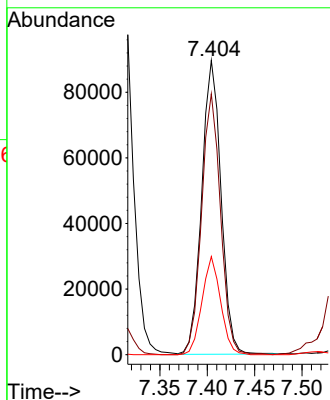
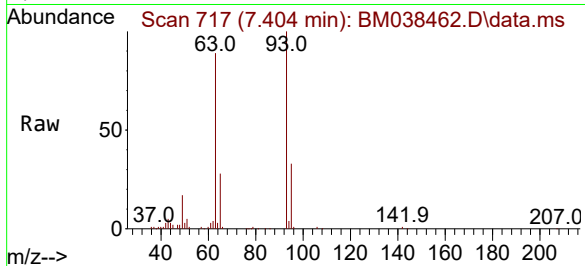




#11  
bis(2-Chloroethyl)ether  
Concen: 35.619 ng  
RT: 7.404 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

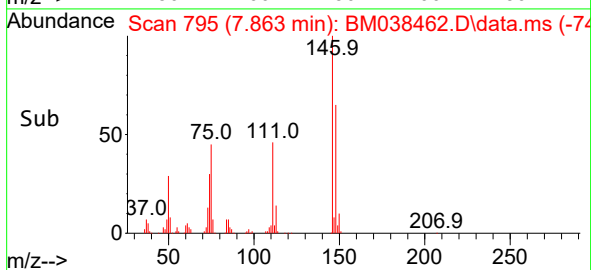
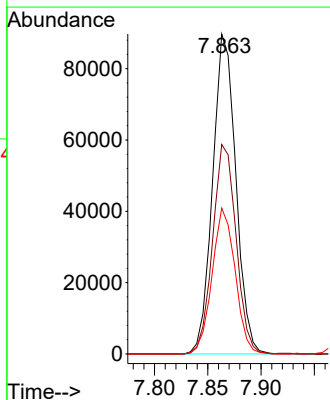
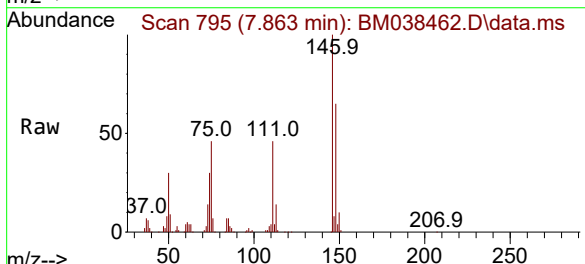
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

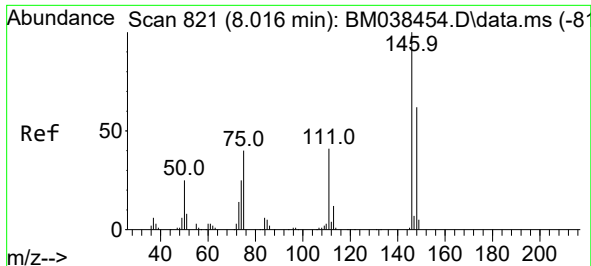
Tgt Ion: 93 Resp: 127112  
Ion Ratio Lower Upper  
93 100  
63 88.6 64.6 104.6  
95 33.3 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 38.783 ng  
RT: 7.863 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:146 Resp: 135699  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.8 77.8  
75 45.6 35.1 52.7

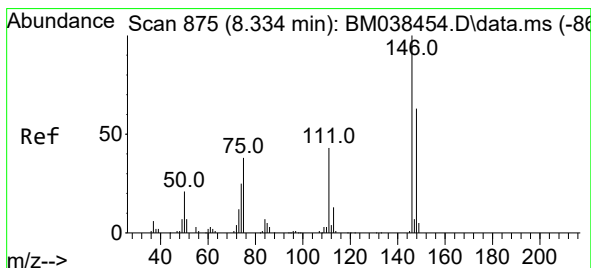
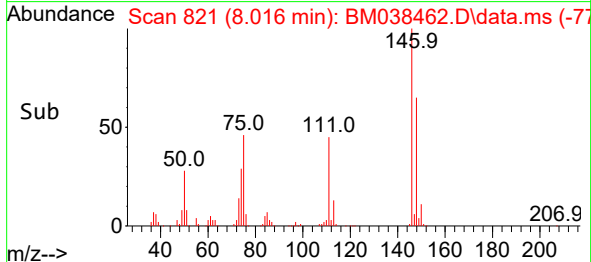
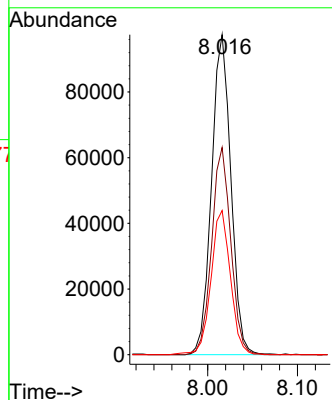
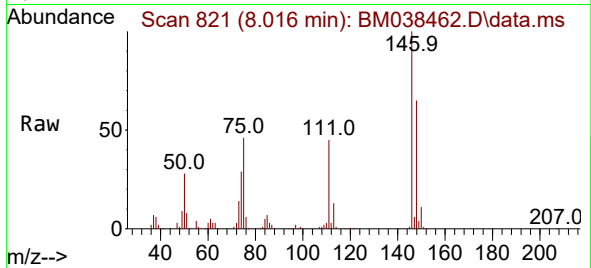




#13  
1,4-Dichlorobenzene  
Concen: 41.407 ng  
RT: 8.016 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

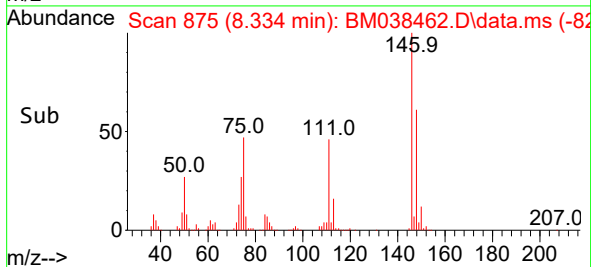
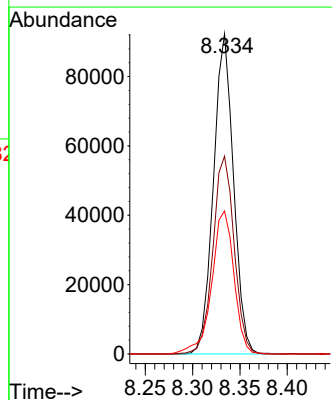
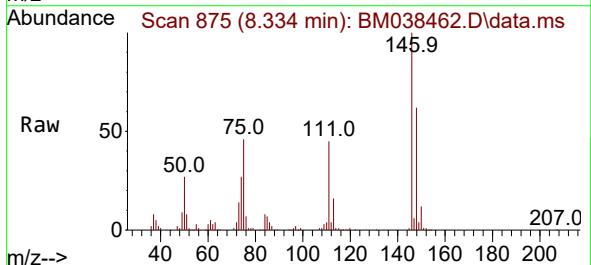
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

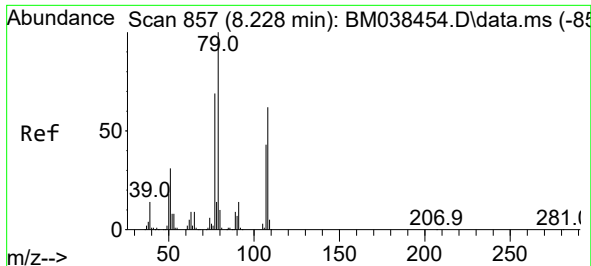
Tgt Ion:146 Resp: 145758  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.1 75.1  
111 45.0 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 39.603 ng  
RT: 8.334 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:146 Resp: 136307  
Ion Ratio Lower Upper  
146 100  
148 61.8 50.7 76.1  
111 44.7 35.2 52.8

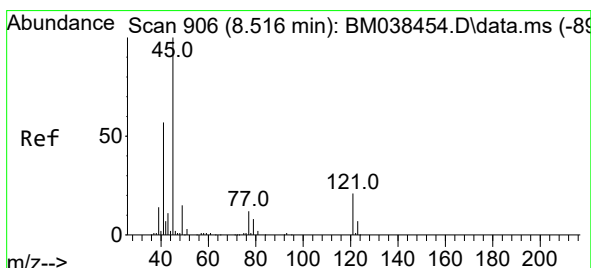
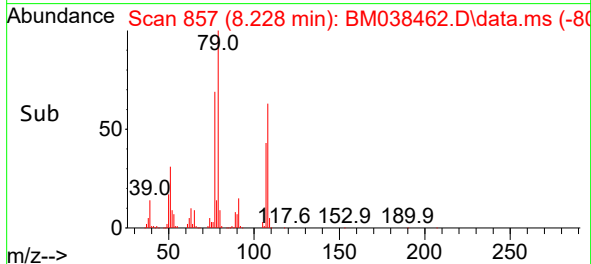
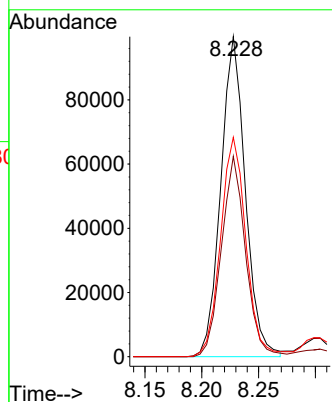
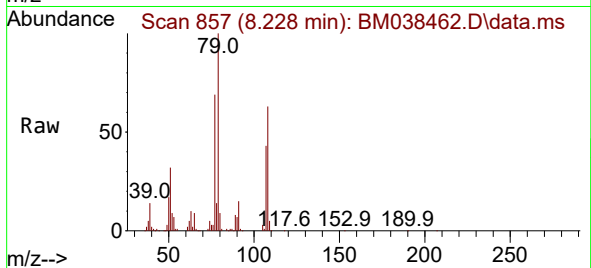




#15  
Benzyl Alcohol  
Concen: 44.182 ng  
RT: 8.228 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

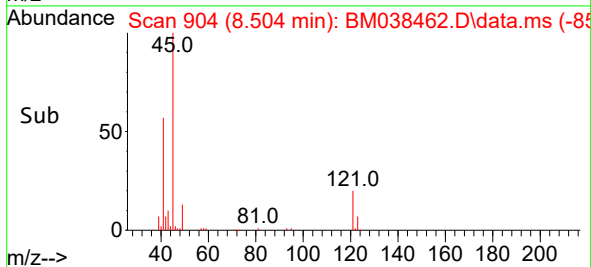
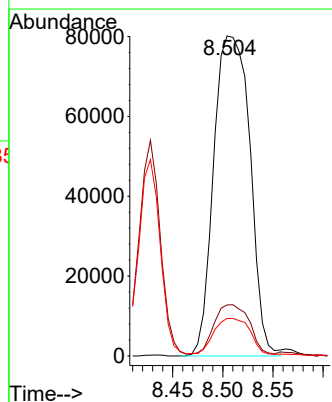
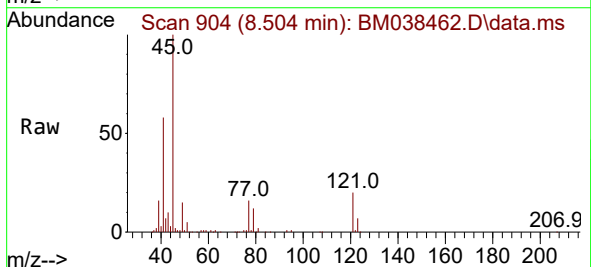
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

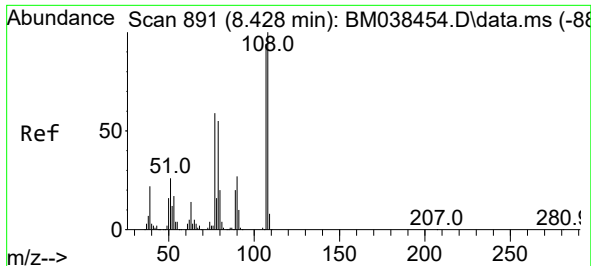
Tgt Ion: 79 Resp: 149536  
Ion Ratio Lower Upper  
79 100  
108 62.6 49.3 73.9  
77 68.5 55.1 82.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.445 ng  
RT: 8.504 min Scan# 904  
Delta R.T. -0.012 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 45 Resp: 201232  
Ion Ratio Lower Upper  
45 100  
77 16.0 0.0 34.7  
79 11.7 0.0 30.4

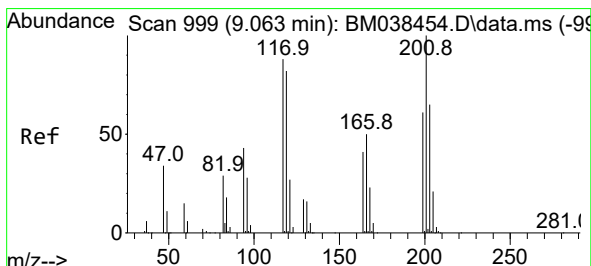
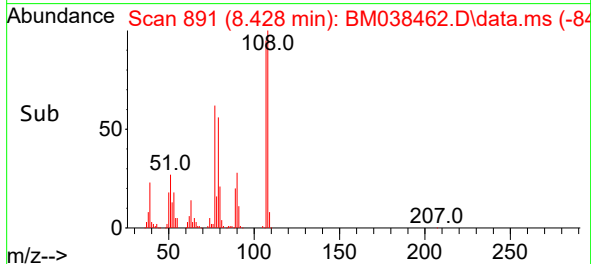
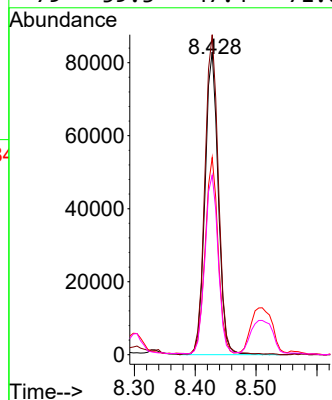
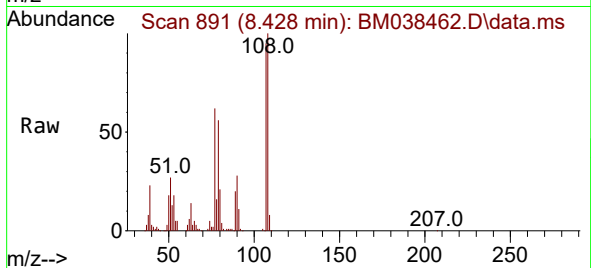




#17  
2-Methylphenol  
Concen: 42.036 ng  
RT: 8.428 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

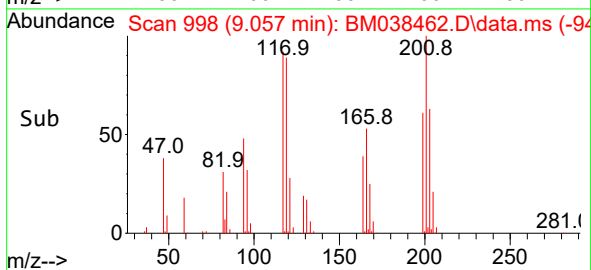
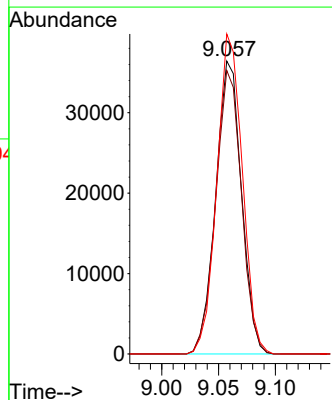
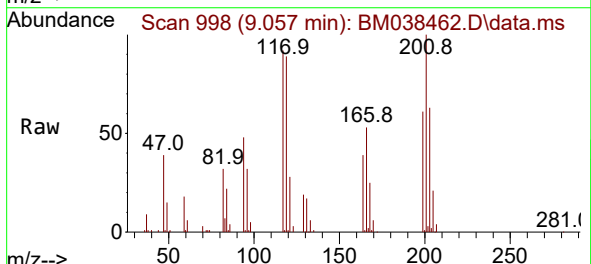
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

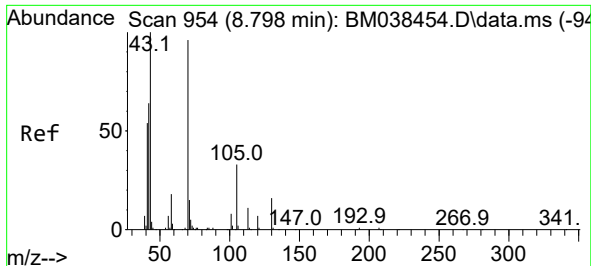
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 125028 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 105.7 | 85.7  | 128.5  |
| 77       | 65.1  | 50.5  | 75.7   |
| 79       | 59.3  | 47.4  | 71.0   |



#18  
Hexachloroethane  
Concen: 40.003 ng  
RT: 9.057 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 57677 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.8  | 74.5  | 111.7 |
| 201      | 109.2 | 91.3  | 136.9 |





#19

n-Nitroso-di-n-propylamine

Concen: 42.428 ng

RT: 8.792 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 130144

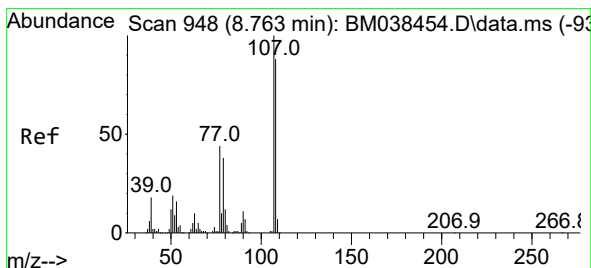
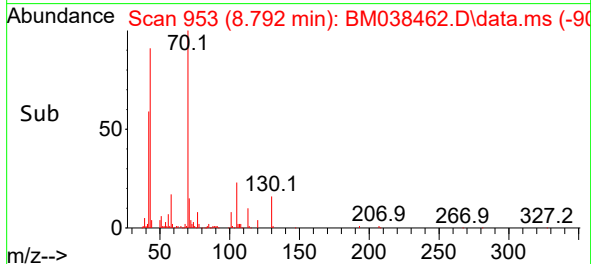
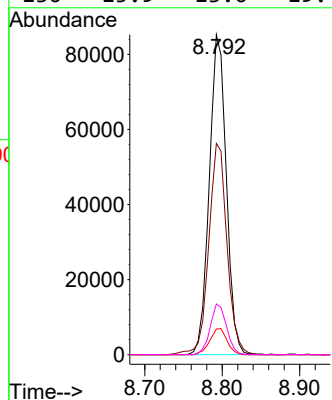
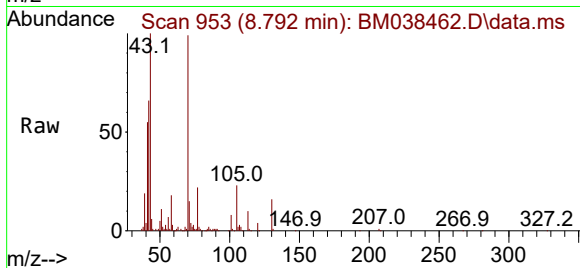
Ion Ratio Lower Upper

70 100

42 66.0 54.2 81.2

101 8.0 6.6 10.0

130 15.9 13.0 19.4



#20

3+4-Methylphenols

Concen: 39.732 ng

RT: 8.757 min Scan# 947

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Tgt Ion: 107 Resp: 158666

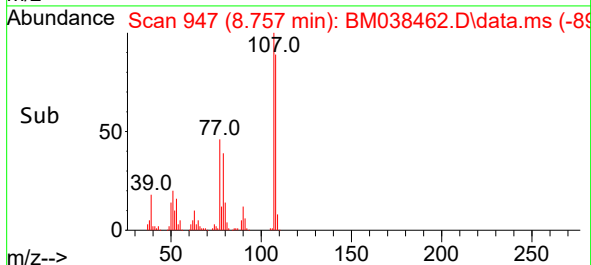
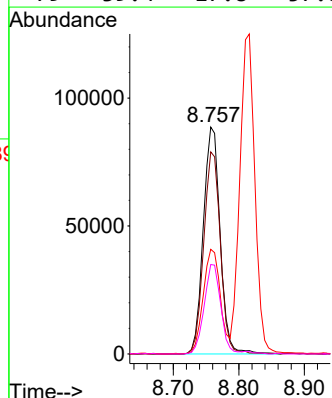
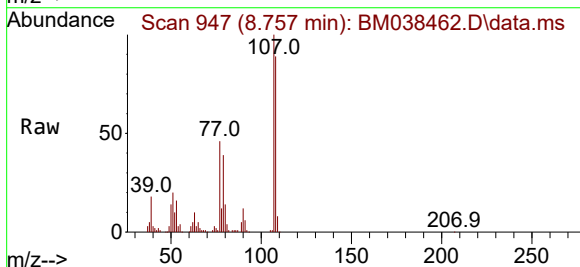
Ion Ratio Lower Upper

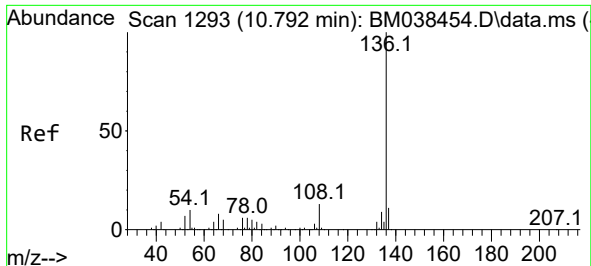
107 100

108 89.1 67.6 107.6

77 46.1 24.1 64.1

79 39.4 17.8 57.8

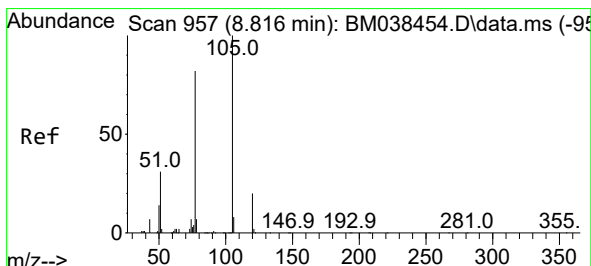
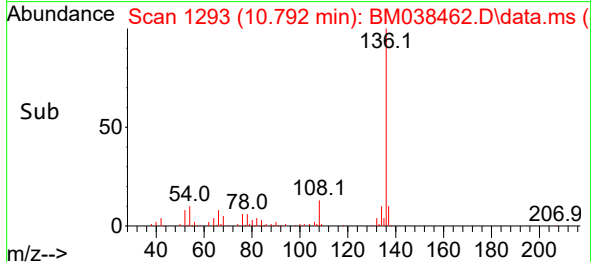
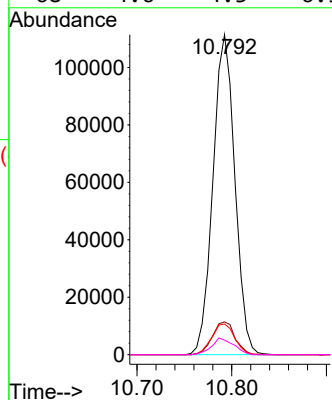
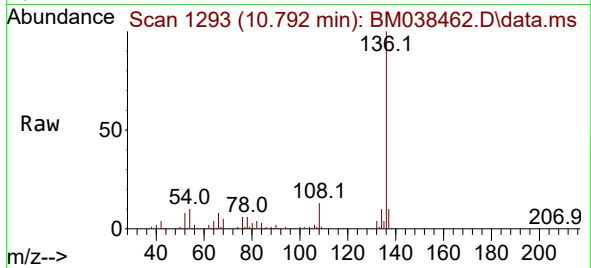




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

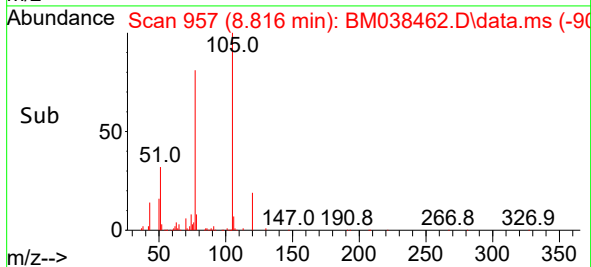
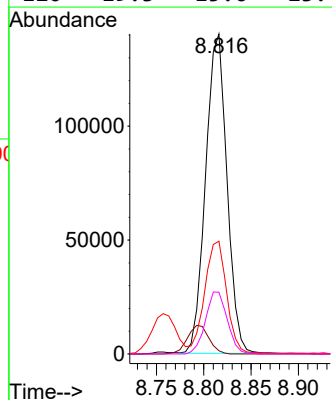
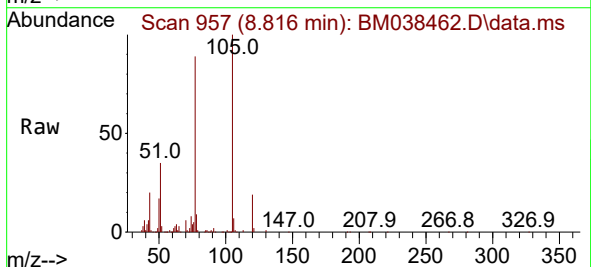
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

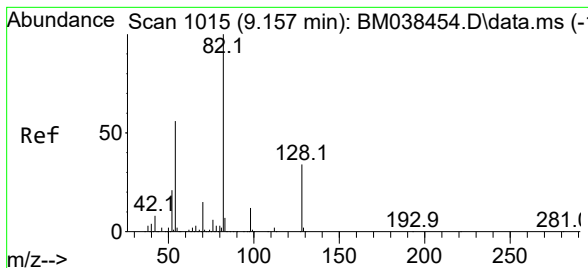
Tgt Ion:136 Resp: 179181  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.0 13.4  
54 9.6 7.6 11.4  
68 4.6 4.3 6.5



#22  
Acetophenone  
Concen: 41.519 ng  
RT: 8.816 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:105 Resp: 219901  
Ion Ratio Lower Upper  
105 100  
71 1.0 1.0 1.6#  
51 35.3 27.4 41.2  
120 19.3 15.6 23.4





#23

Nitrobenzene-d5

Concen: 84.037 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

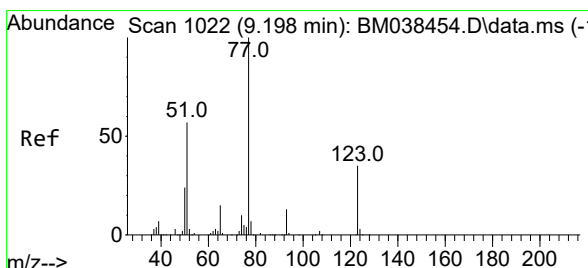
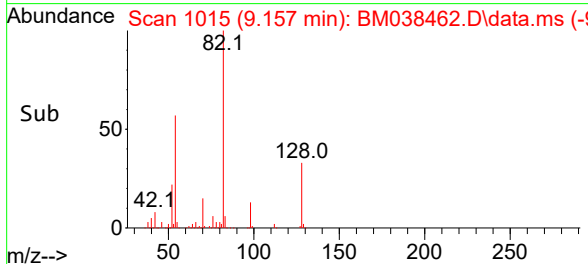
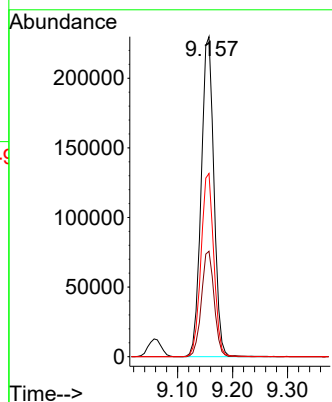
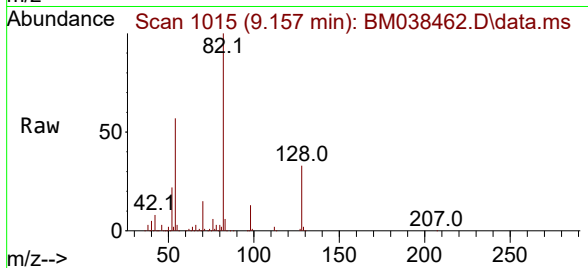
Tgt Ion: 82 Resp: 369562

Ion Ratio Lower Upper

82 100

128 33.0 27.0 40.6

54 57.3 45.0 67.6



#24

Nitrobenzene

Concen: 41.653 ng

RT: 9.198 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

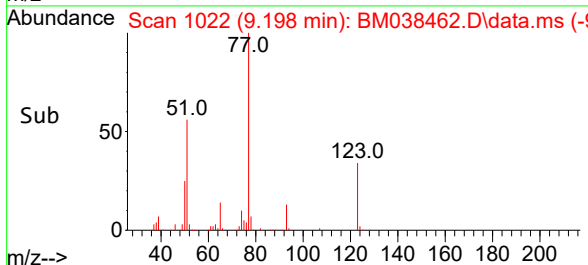
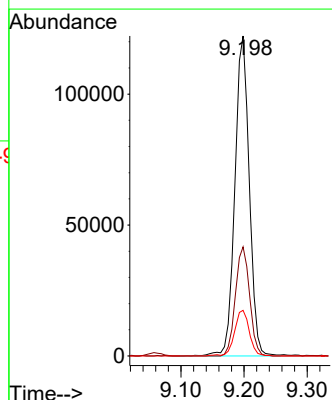
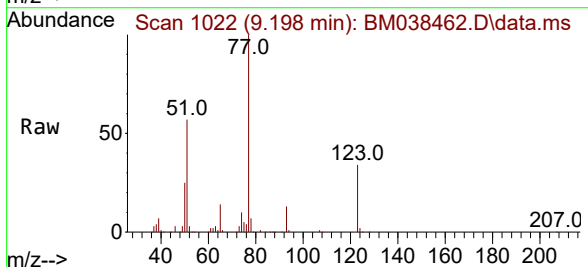
Tgt Ion: 77 Resp: 193536

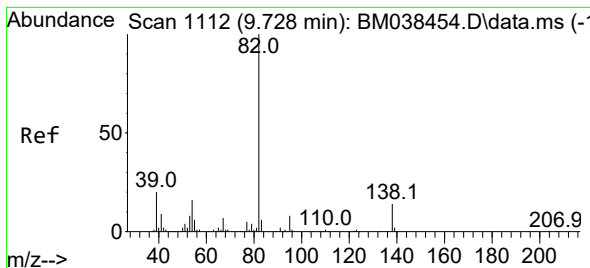
Ion Ratio Lower Upper

77 100

123 34.1 28.2 42.4

65 14.2 12.1 18.1





#25

Isophorone

Concen: 42.213 ng

RT: 9.722 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

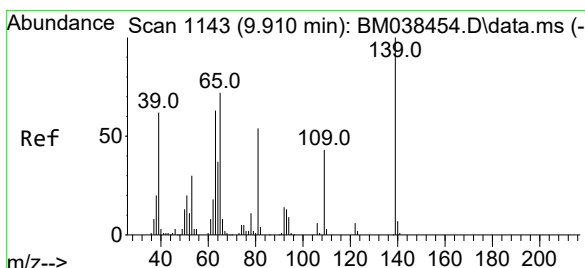
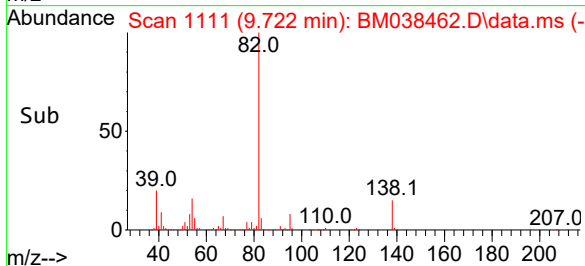
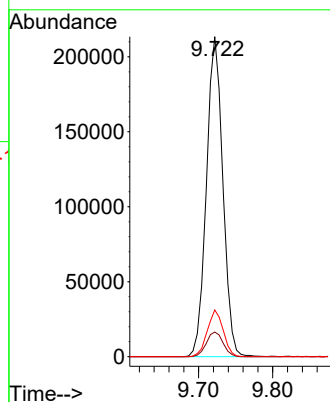
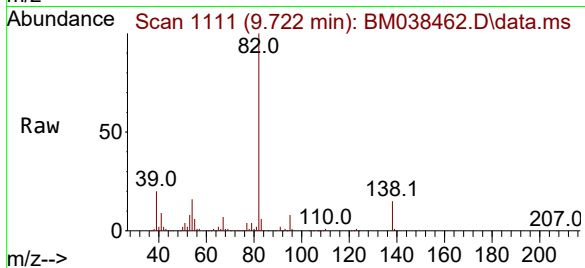
Tgt Ion: 82 Resp: 328816

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 14.6 11.5 17.3



#26

2-Nitrophenol

Concen: 41.555 ng

RT: 9.910 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

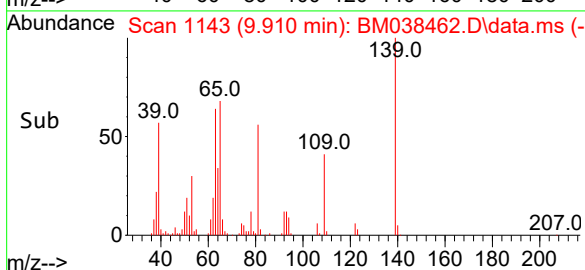
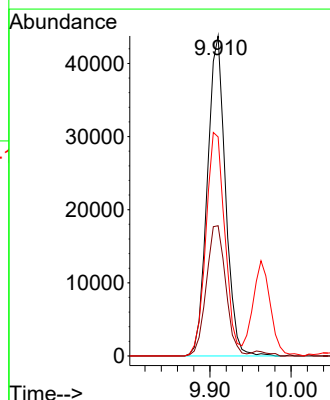
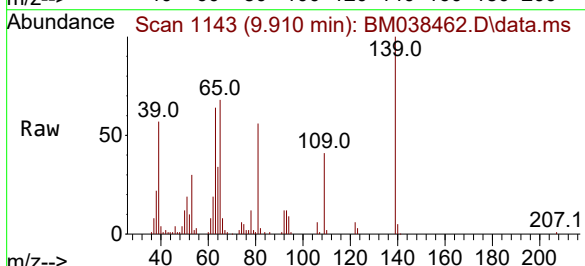
Tgt Ion: 139 Resp: 67789

Ion Ratio Lower Upper

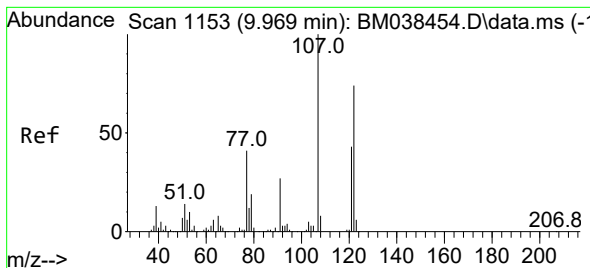
139 100

109 40.7 34.7 52.1

65 68.5 57.4 86.0



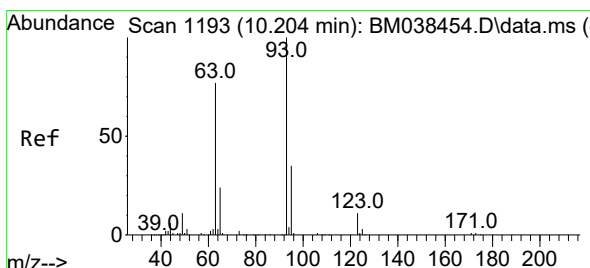
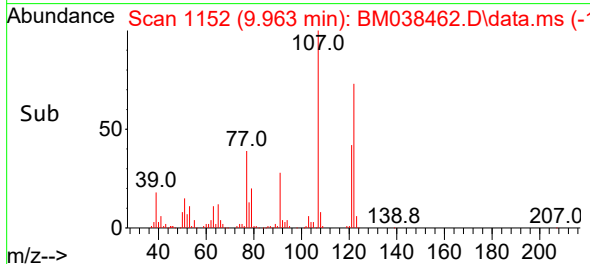
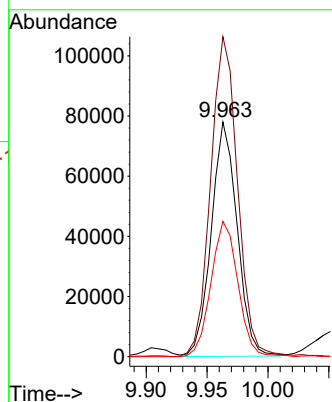
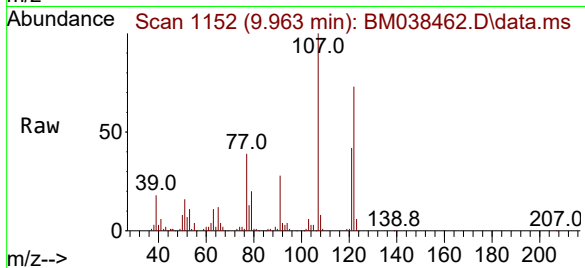




#27  
2,4-Dimethylphenol  
Concen: 41.500 ng  
RT: 9.963 min Scan# 1152  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

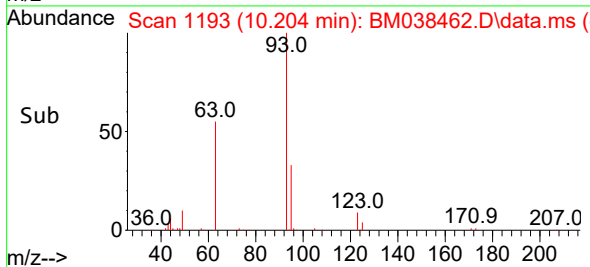
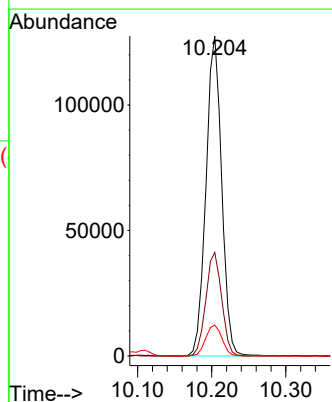
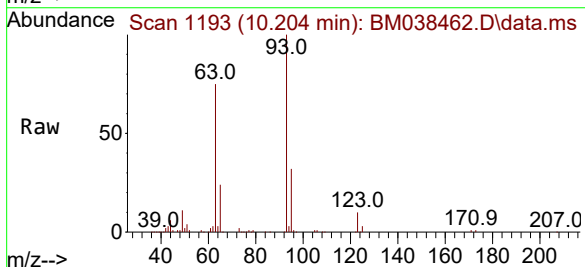
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

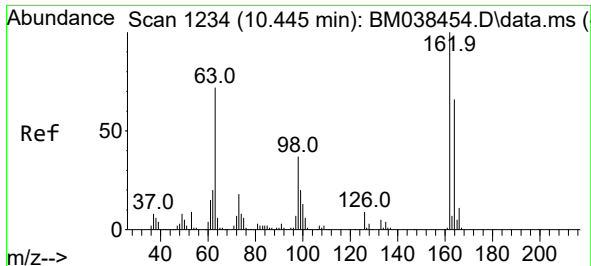
Tgt Ion:122 Resp: 115278  
Ion Ratio Lower Upper  
122 100  
107 136.3 107.4 161.0  
121 57.6 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.792 ng  
RT: 10.204 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 93 Resp: 187462  
Ion Ratio Lower Upper  
93 100  
95 32.3 27.7 41.5  
123 9.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 42.866 ng

RT: 10.439 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

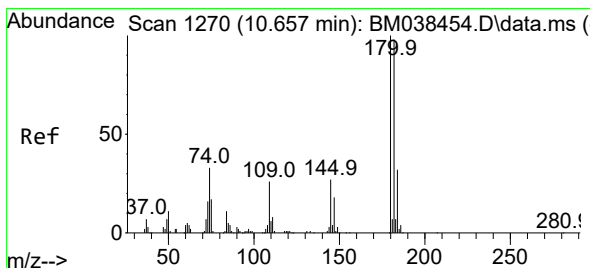
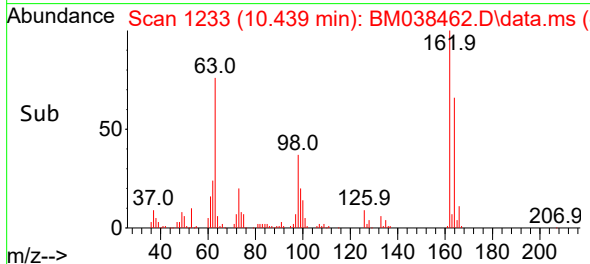
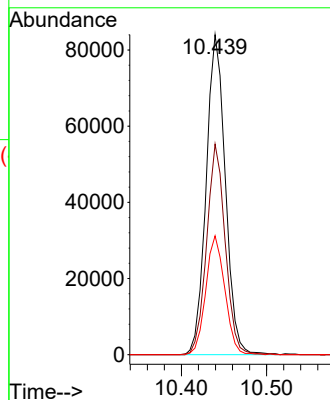
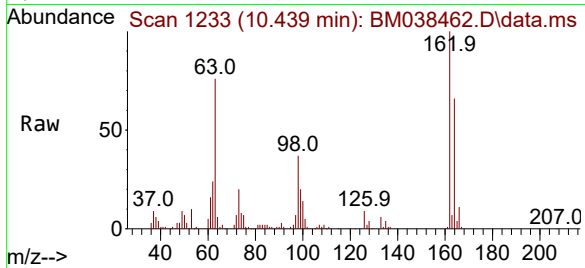
Tgt Ion:162 Resp: 131542

Ion Ratio Lower Upper

162 100

164 65.8 46.5 86.5

98 37.1 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 41.314 ng

RT: 10.651 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

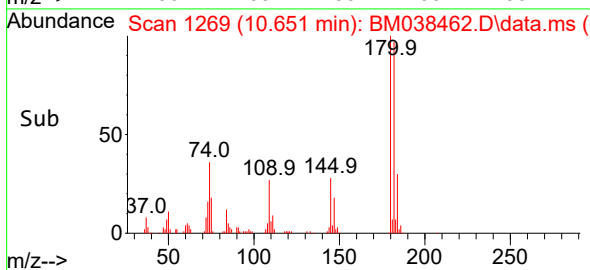
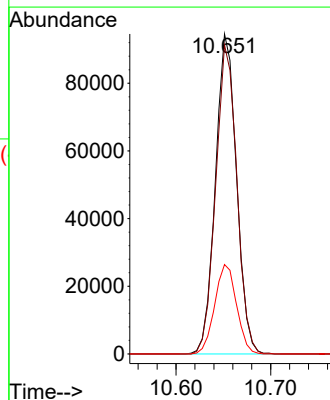
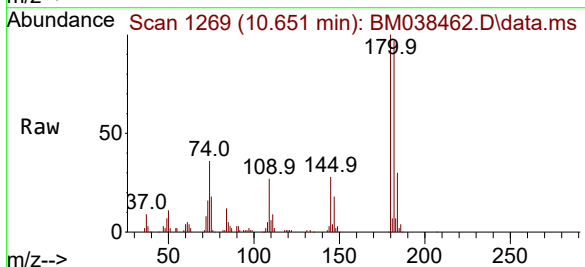
Tgt Ion:180 Resp: 146607

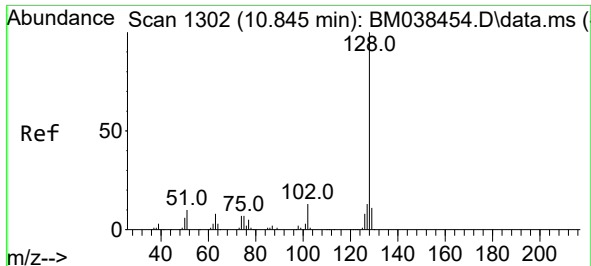
Ion Ratio Lower Upper

180 100

182 96.6 78.1 117.1

145 28.0 21.9 32.9

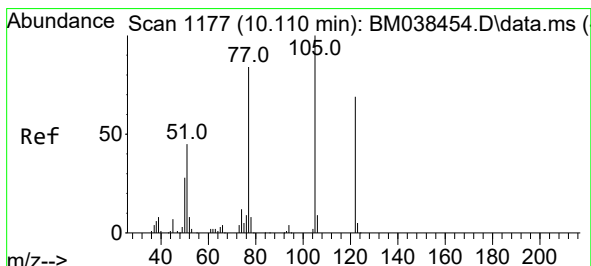
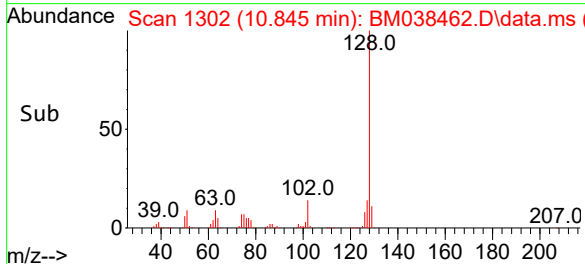
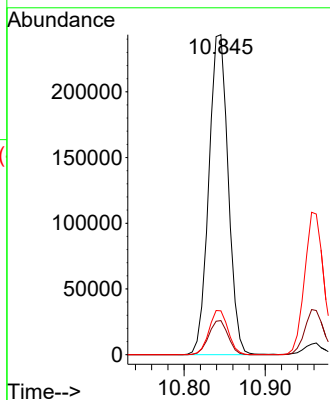
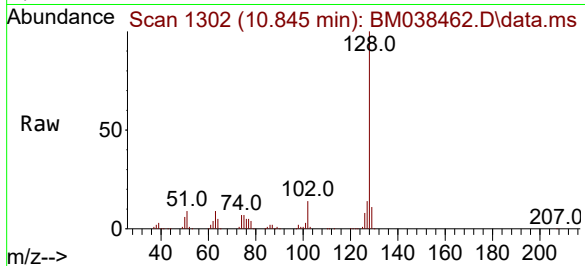




#31  
Naphthalene  
Concen: 42.514 ng  
RT: 10.845 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

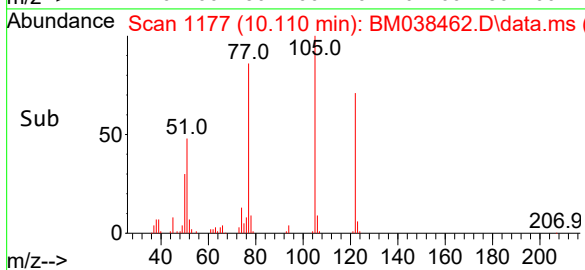
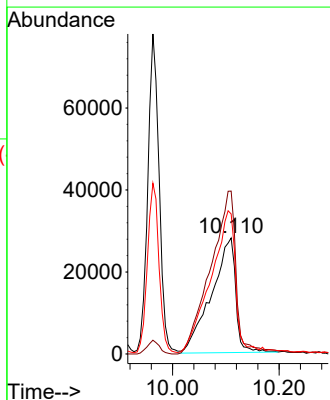
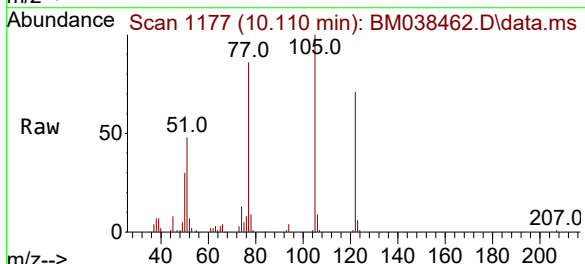
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

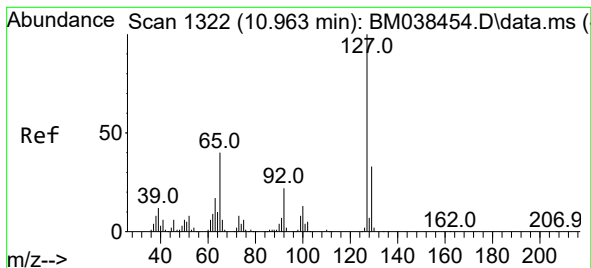
Tgt Ion:128 Resp: 403715  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.9 13.3  
127 13.7 10.8 16.2



#32  
Benzoic acid  
Concen: 39.526 ng  
RT: 10.110 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:122 Resp: 88681  
Ion Ratio Lower Upper  
122 100  
105 140.4 122.6 162.6  
77 120.7 101.5 141.5

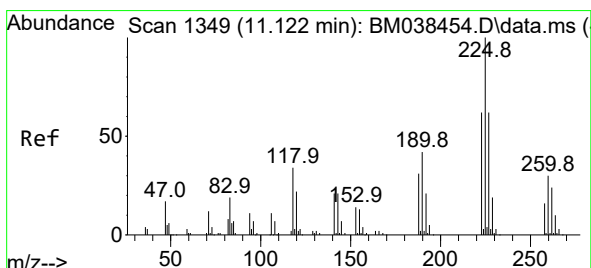
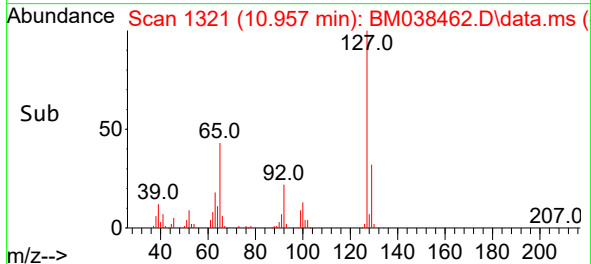
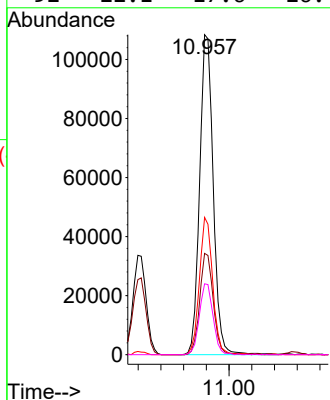
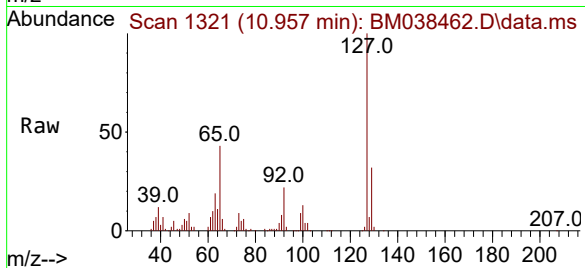




#33  
4-Chloroaniline  
Concen: 43.305 ng  
RT: 10.957 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

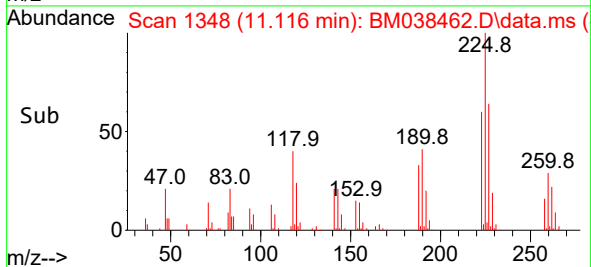
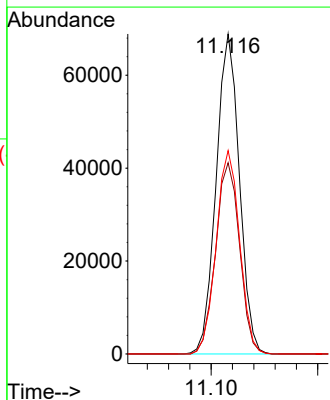
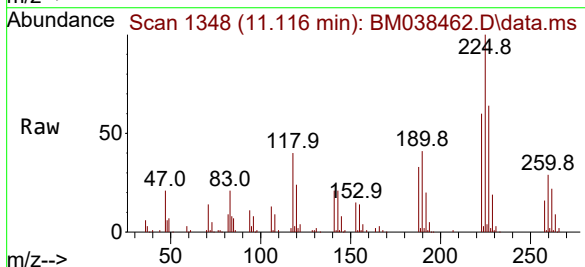
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

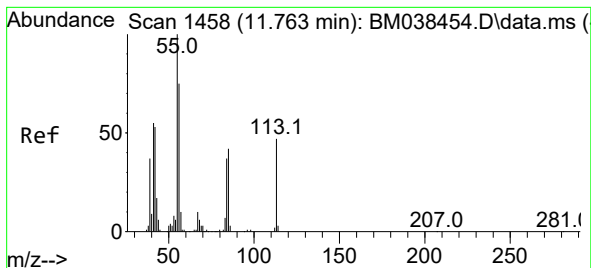
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 180498 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.7  | 26.4  | 39.6   |
| 65        | 42.9  | 32.1  | 48.1   |
| 92        | 22.1  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 41.799 ng  
RT: 11.116 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 104019 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 59.8  | 49.8  | 74.8   |
| 227       | 63.6  | 49.6  | 74.4   |





#35

Caprolactam

Concen: 43.601 ng

RT: 11.763 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

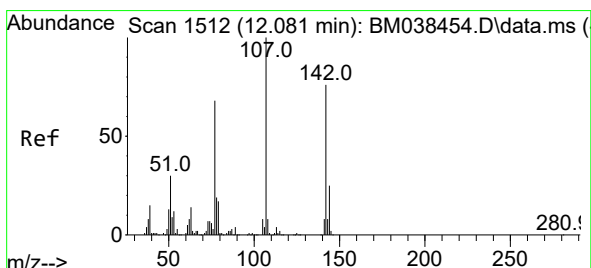
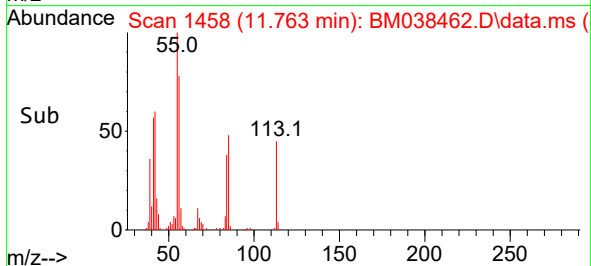
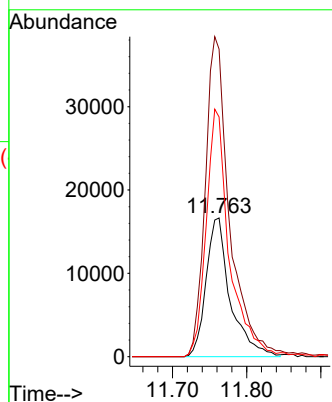
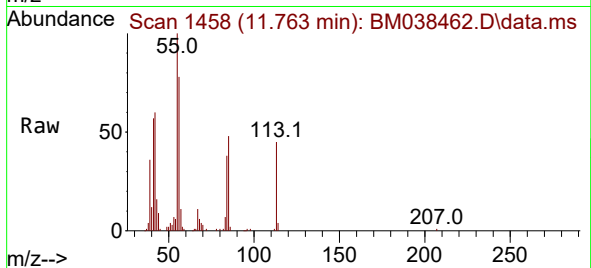
Tgt Ion:113 Resp: 37817

Ion Ratio Lower Upper

113 100

55 221.8 194.2 234.2

56 172.8 141.6 181.6



#36

4-Chloro-3-methylphenol

Concen: 46.076 ng

RT: 12.080 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

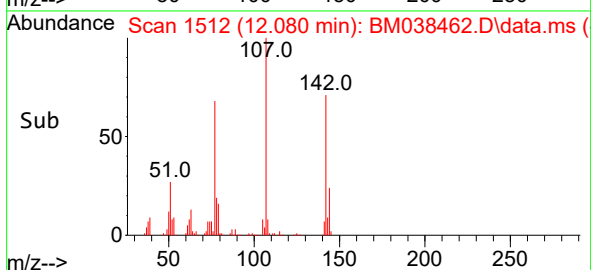
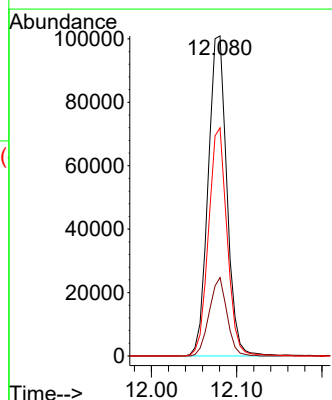
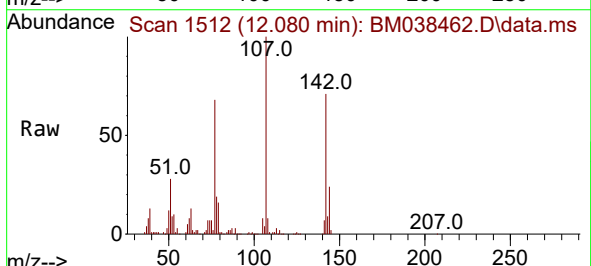
Tgt Ion:107 Resp: 154162

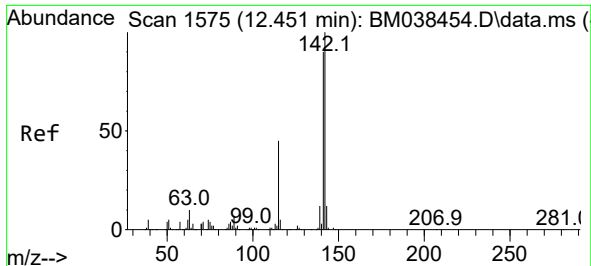
Ion Ratio Lower Upper

107 100

144 24.5 20.3 30.5

142 71.3 61.2 91.8

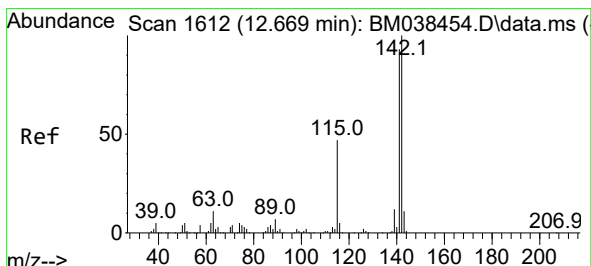
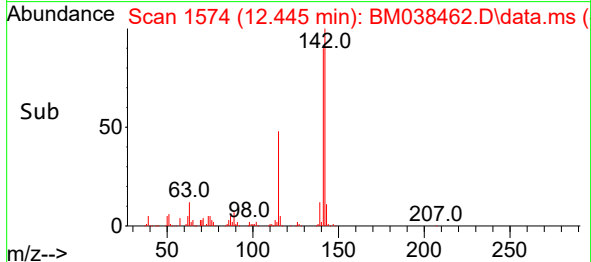
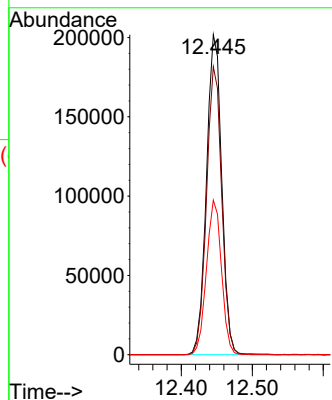
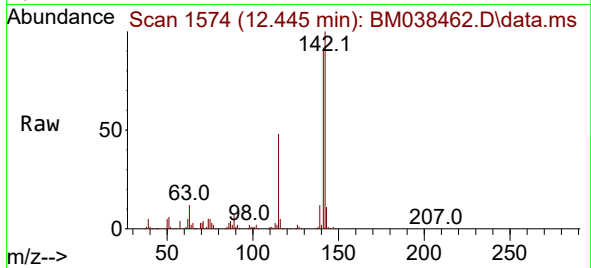




#37  
2-Methylnaphthalene  
Concen: 43.444 ng  
RT: 12.445 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

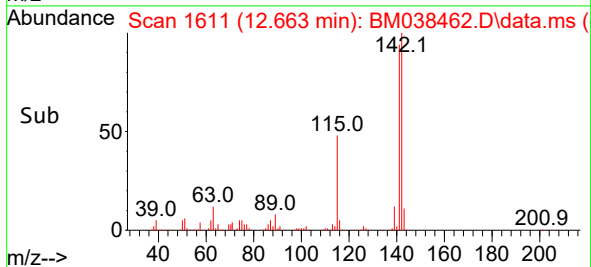
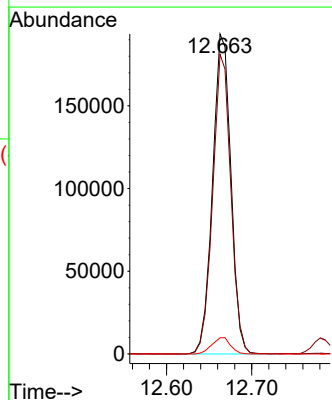
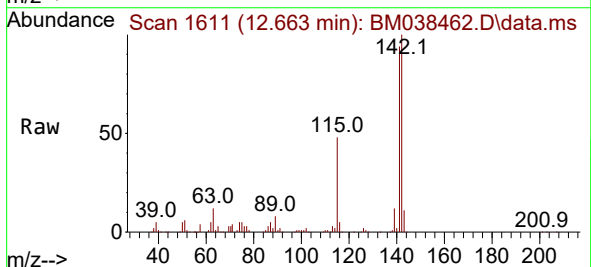
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

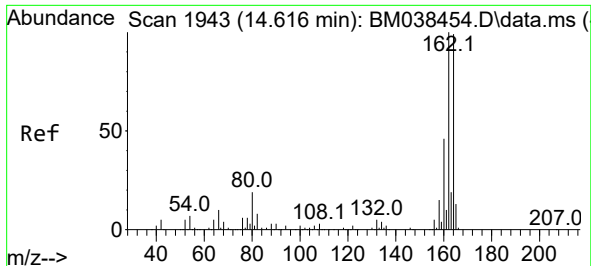
Tgt Ion:142 Resp: 301655  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.0 108.0  
115 48.3 35.9 53.9



#38  
1-Methylnaphthalene  
Concen: 44.254 ng  
RT: 12.663 min Scan# 1611  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:142 Resp: 288469  
Ion Ratio Lower Upper  
142 100  
141 93.6 74.4 111.6  
116 5.1 3.8 5.8

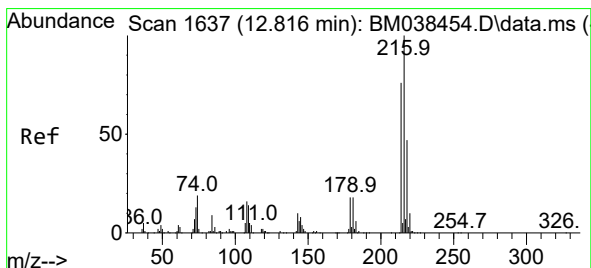
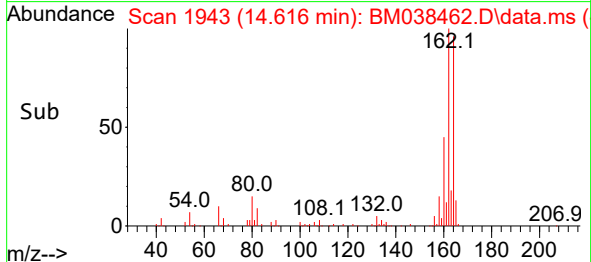
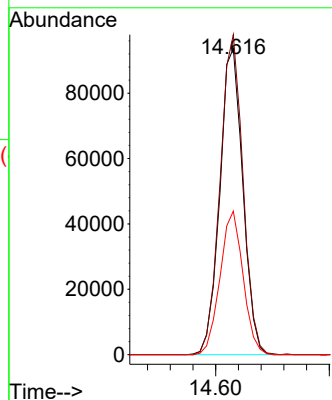
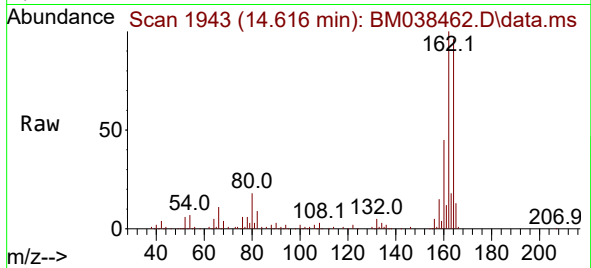




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.616 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

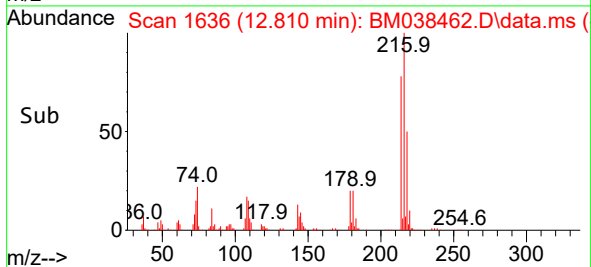
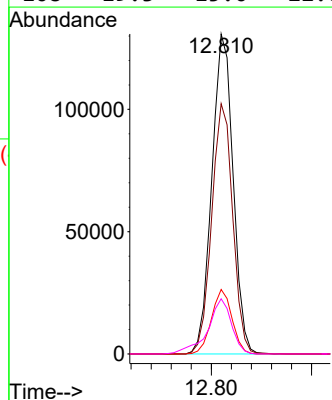
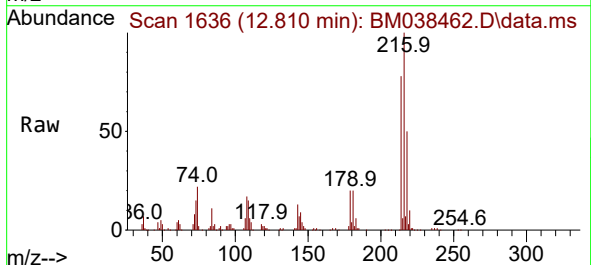
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BNA\_M  
ClientSampleId :  
SSTDCCC040

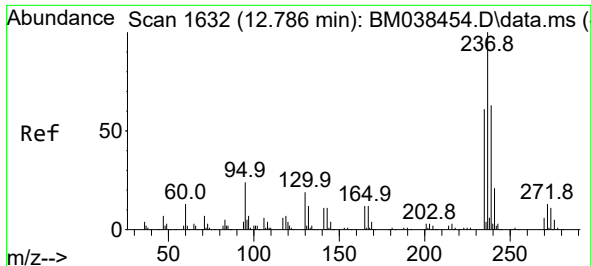
Tgt Ion:164 Resp: 131662  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.9 121.3  
160 46.9 37.4 56.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.979 ng  
RT: 12.810 min Scan# 1636  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:216 Resp: 192079  
Ion Ratio Lower Upper  
216 100  
214 77.3 61.4 92.0  
179 19.5 15.3 22.9  
108 19.3 15.0 22.6

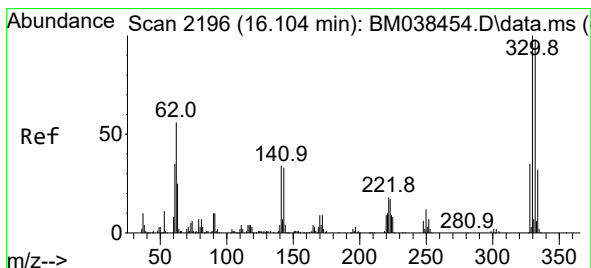
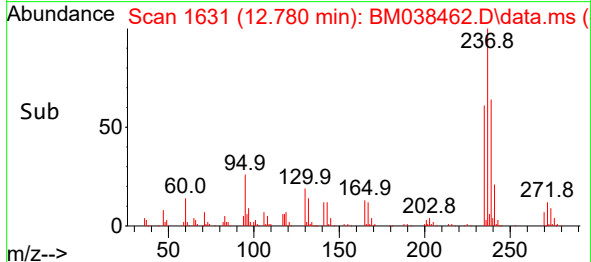
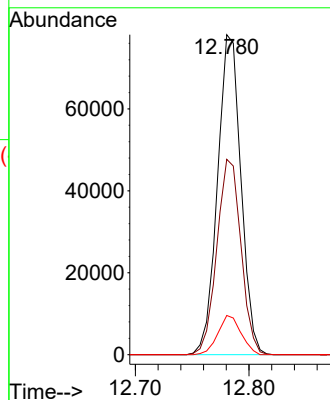
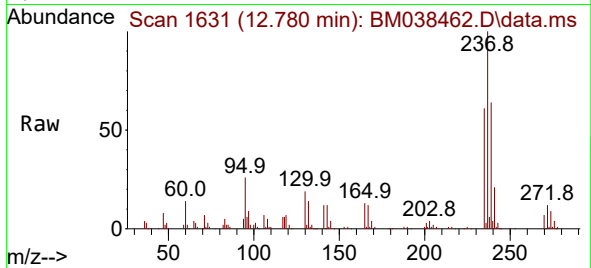




#41  
Hexachlorocyclopentadiene  
Concen: 40.027 ng  
RT: 12.780 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

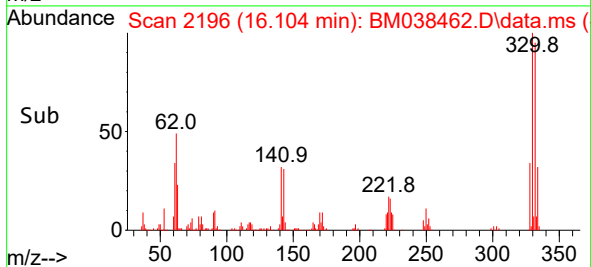
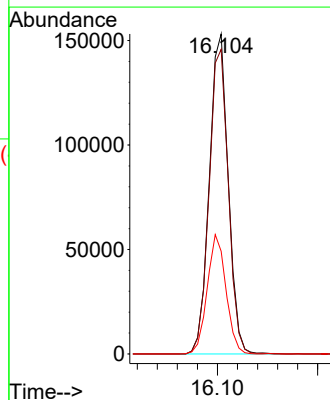
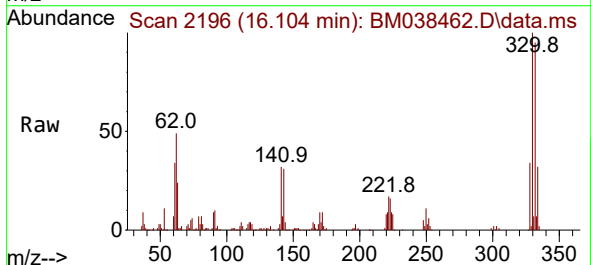
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 112152  
Ion Ratio Lower Upper  
237 100  
235 61.1 40.9 80.9  
272 12.3 0.0 32.6

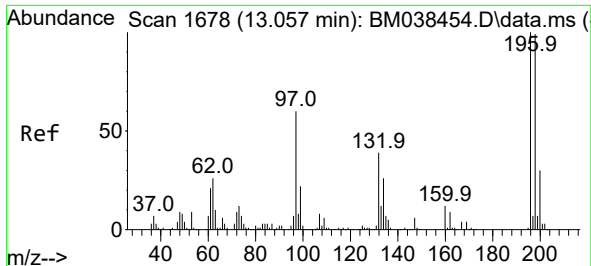


#42  
2,4,6-Tribromophenol  
Concen: 90.393 ng  
RT: 16.104 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:330 Resp: 201192  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 37.0 28.1 42.1



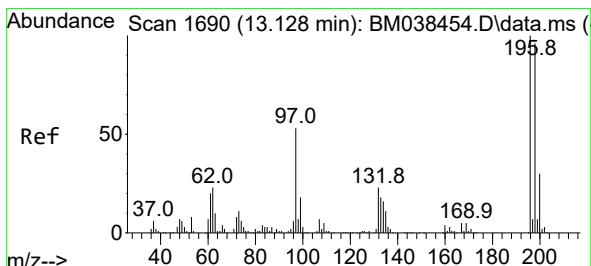
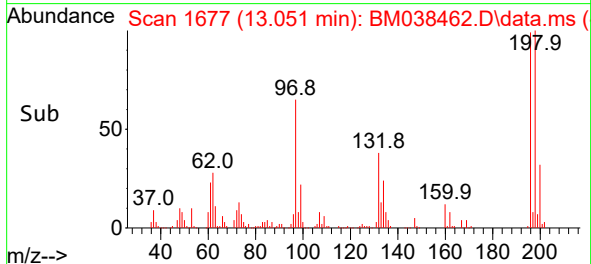
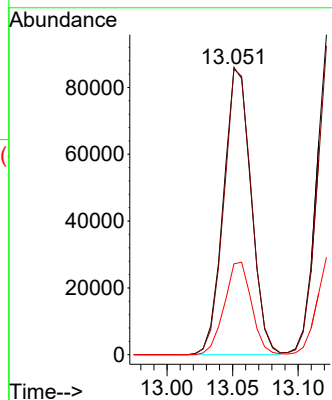
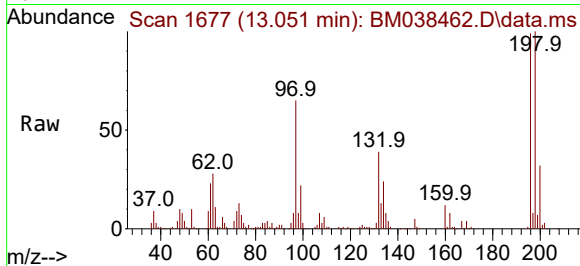




#43  
2,4,6-Trichlorophenol  
Concen: 40.291 ng  
RT: 13.051 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

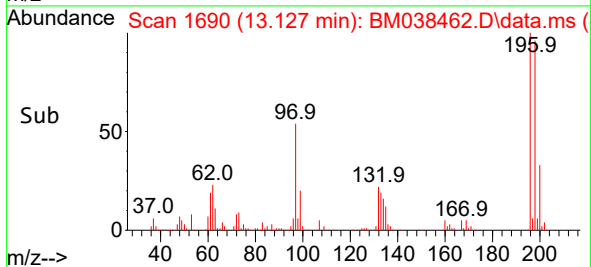
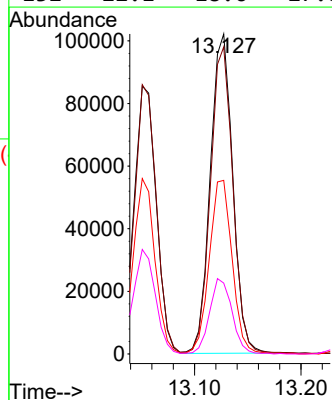
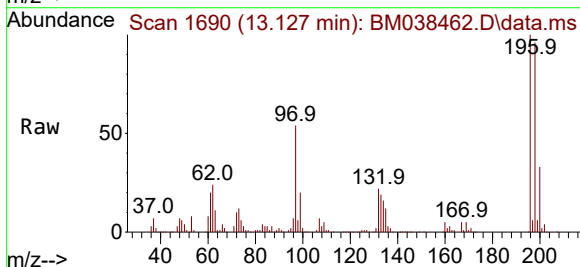
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

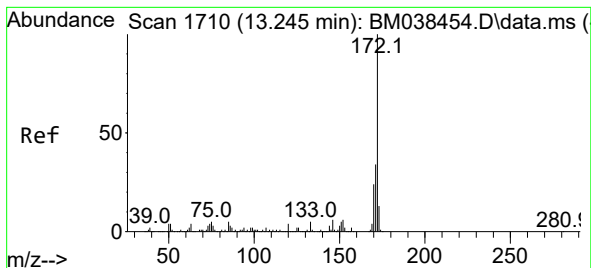
Tgt Ion:196 Resp: 125509  
Ion Ratio Lower Upper  
196 100  
198 100.5 78.8 118.2  
200 31.8 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 40.678 ng  
RT: 13.127 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:196 Resp: 149396  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.4 116.2  
97 54.3 42.4 63.6  
132 22.1 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 80.892 ng

RT: 13.239 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

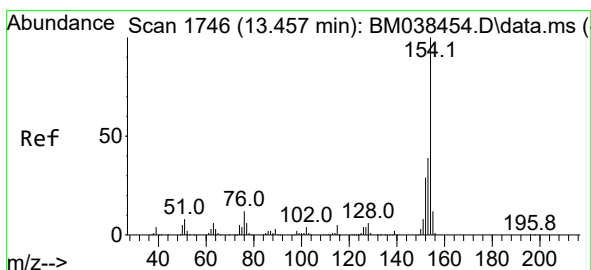
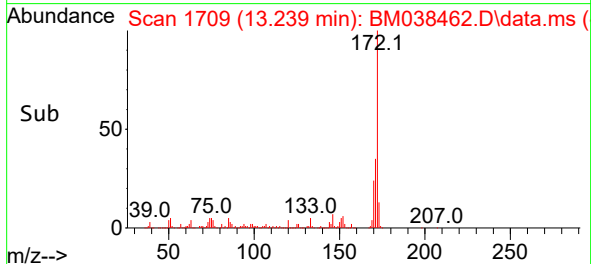
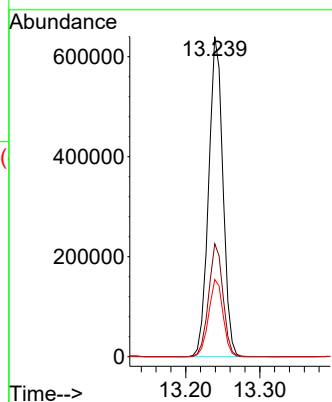
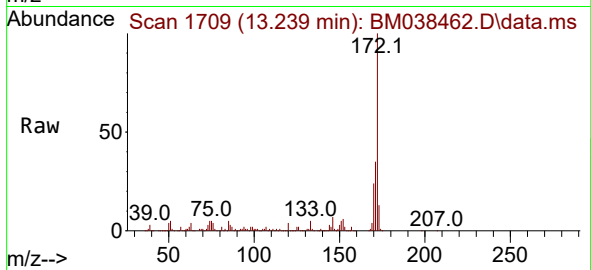
Tgt Ion:172 Resp: 854008

Ion Ratio Lower Upper

172 100

171 35.3 27.5 41.3

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.164 ng

RT: 13.451 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

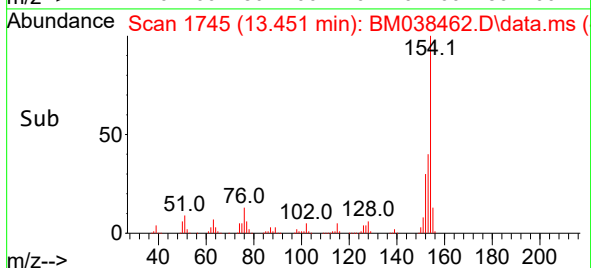
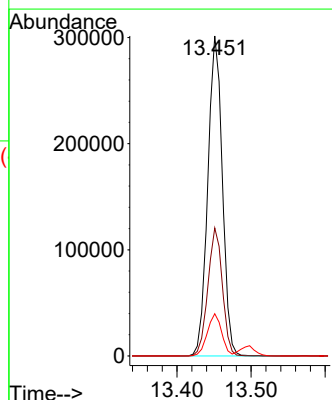
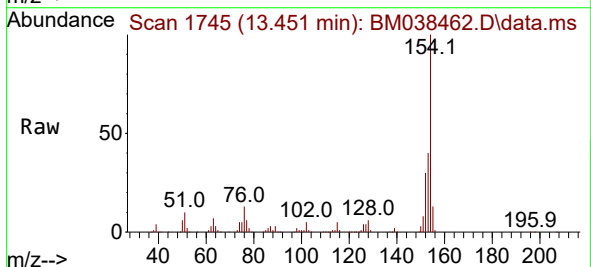
Tgt Ion:154 Resp: 410260

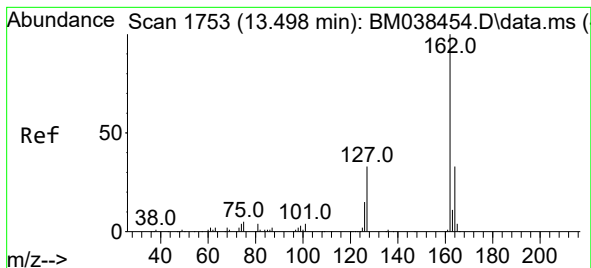
Ion Ratio Lower Upper

154 100

153 40.0 19.3 59.3

76 13.2 0.0 32.2

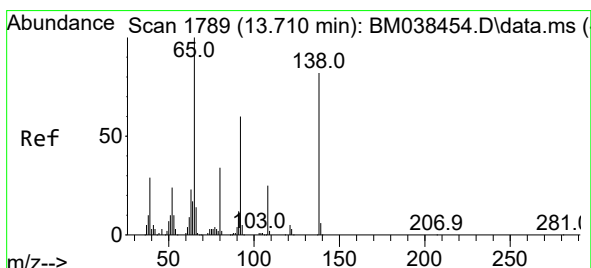
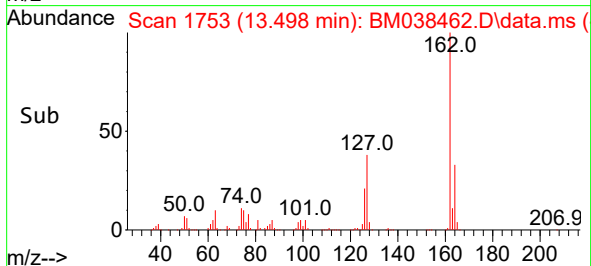
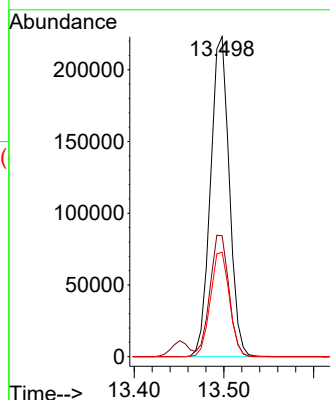
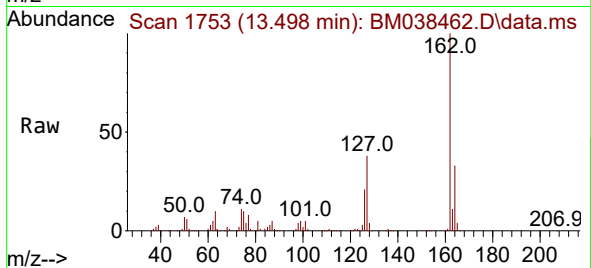




#47  
2-Chloronaphthalene  
Concen: 40.278 ng  
RT: 13.498 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

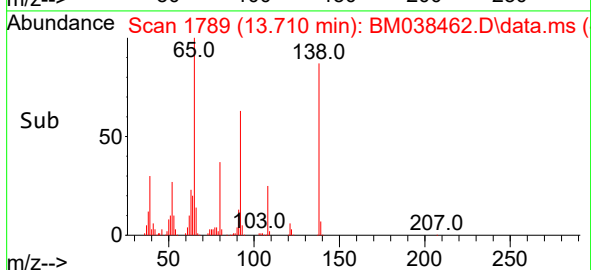
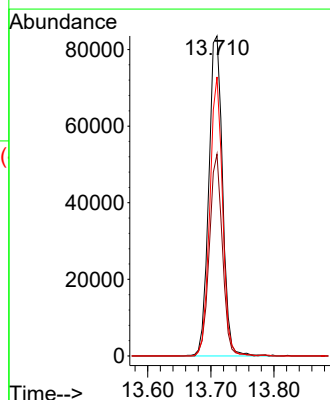
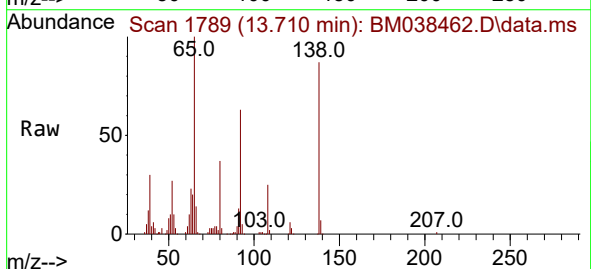
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

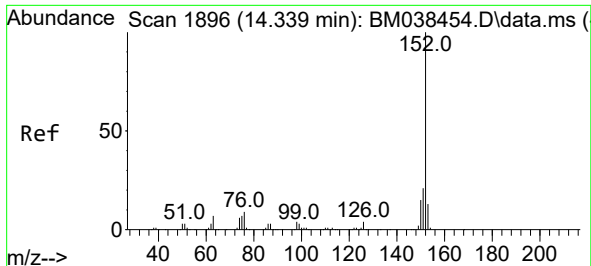
Tgt Ion:162 Resp: 323825  
Ion Ratio Lower Upper  
162 100  
127 37.8 29.5 44.3  
164 32.6 26.2 39.4



#48  
2-Nitroaniline  
Concen: 40.539 ng  
RT: 13.710 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion: 65 Resp: 126145  
Ion Ratio Lower Upper  
65 100  
92 63.0 47.6 71.4  
138 87.2 65.8 98.8

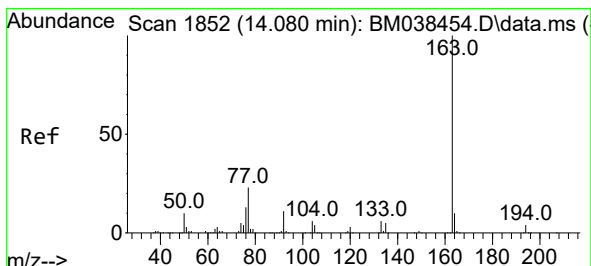
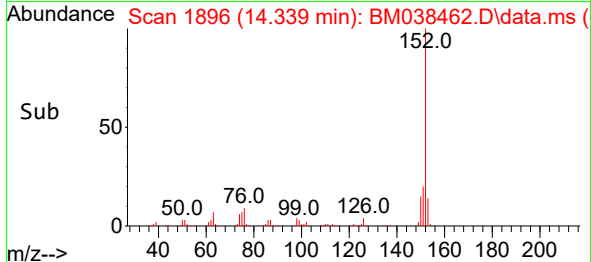
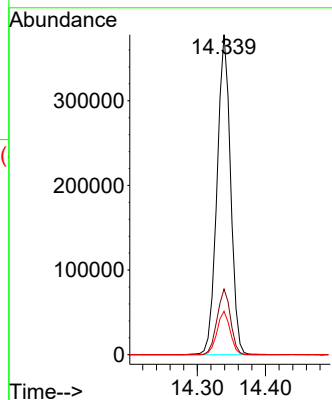
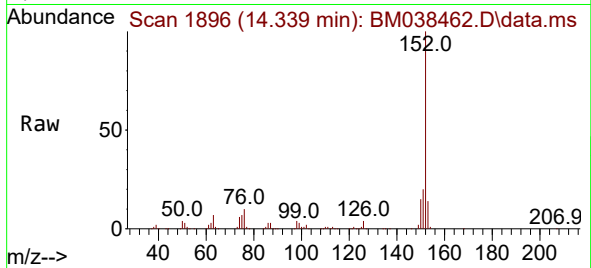




#49  
Acenaphthylene  
Concen: 41.244 ng  
RT: 14.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

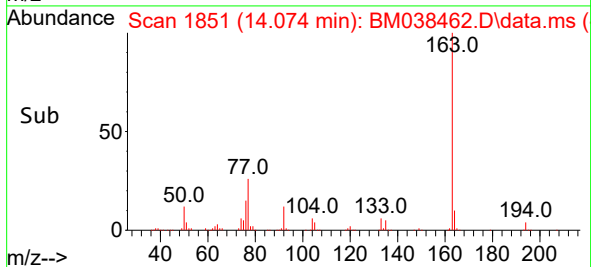
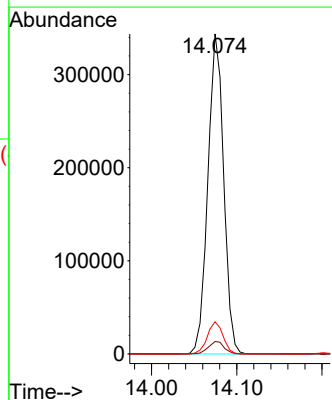
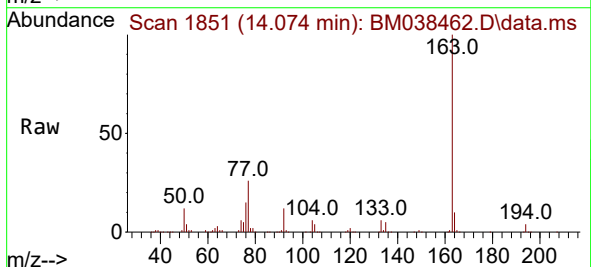
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

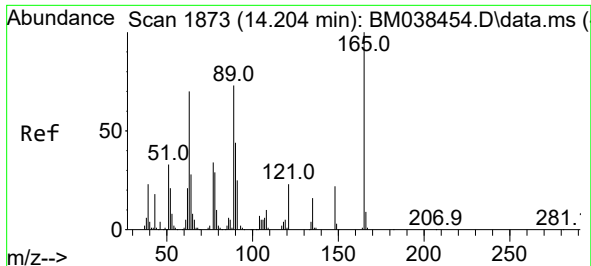
Tgt Ion:152 Resp: 522775  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6  
153 13.6 10.6 15.8



#50  
Dimethylphthalate  
Concen: 41.532 ng  
RT: 14.074 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:163 Resp: 443167  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.6 5.4  
164 10.0 7.8 11.8

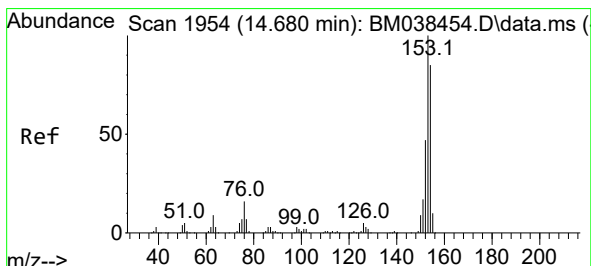
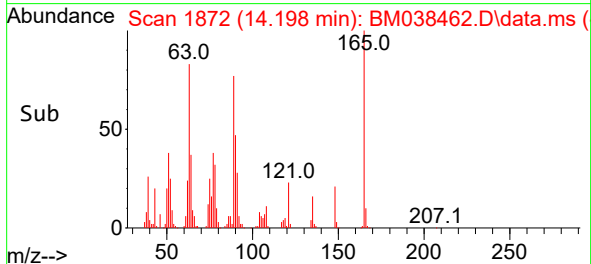
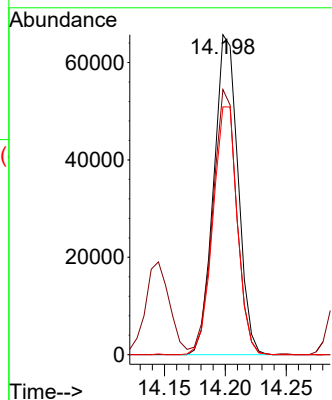
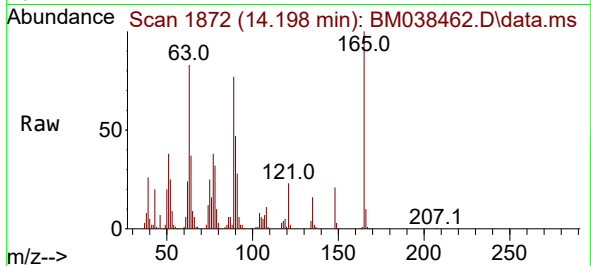




#51  
2,6-Dinitrotoluene  
Concen: 41.825 ng  
RT: 14.198 min Scan# 1872  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

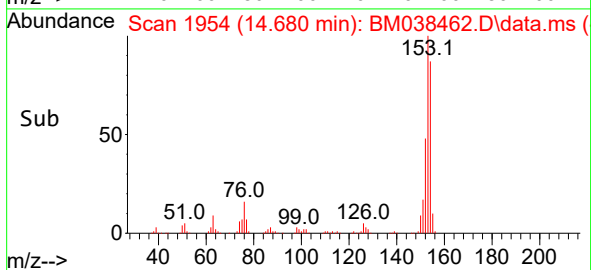
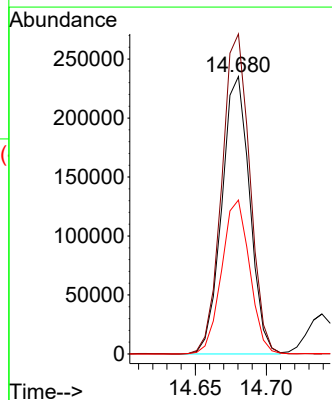
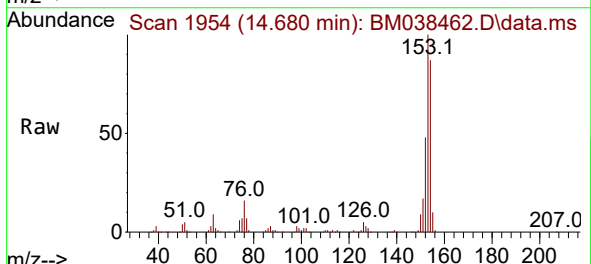
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

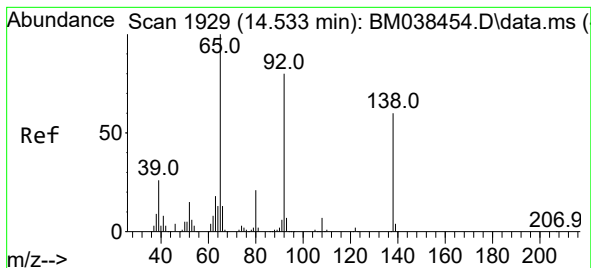
Tgt Ion:165 Resp: 90789  
Ion Ratio Lower Upper  
165 100  
63 82.9 60.9 91.3  
89 77.4 58.6 87.8



#52  
Acenaphthene  
Concen: 41.675 ng  
RT: 14.680 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:154 Resp: 321021  
Ion Ratio Lower Upper  
154 100  
153 115.3 93.8 140.6  
152 55.5 44.2 66.4

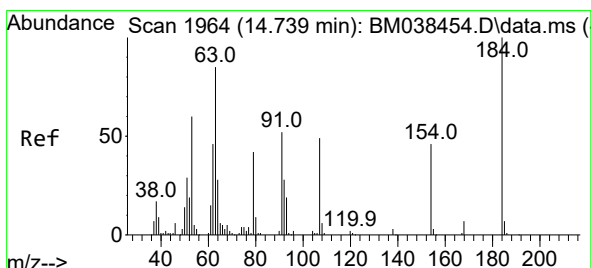
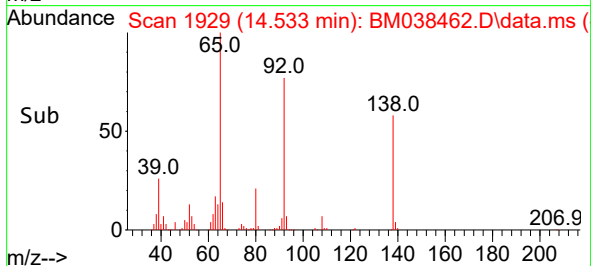
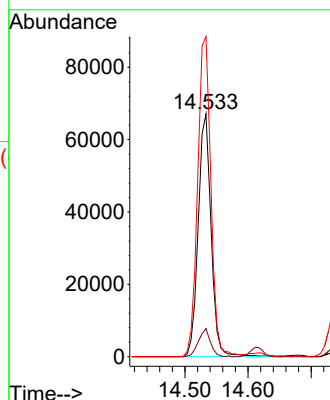
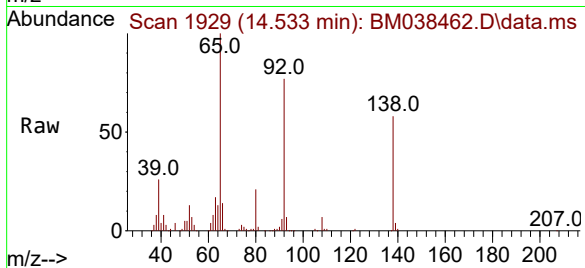




#53  
3-Nitroaniline  
Concen: 40.195 ng  
RT: 14.533 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

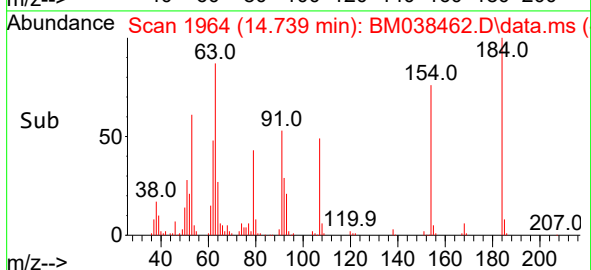
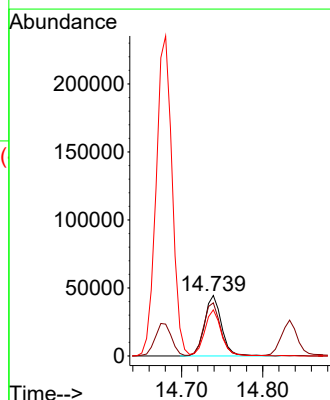
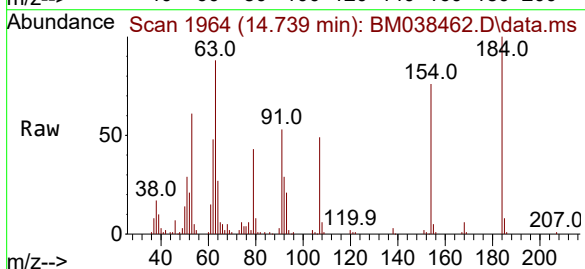
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

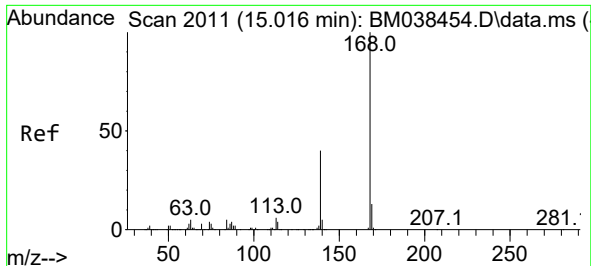
Tgt Ion:138 Resp: 94977  
Ion Ratio Lower Upper  
138 100  
108 11.6 8.9 13.3  
92 131.8 106.4 159.6



#54  
2,4-Dinitrophenol  
Concen: 39.714 ng  
RT: 14.739 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:184 Resp: 64240  
Ion Ratio Lower Upper  
184 100  
63 87.7 70.0 105.0  
154 76.2 55.6 83.4

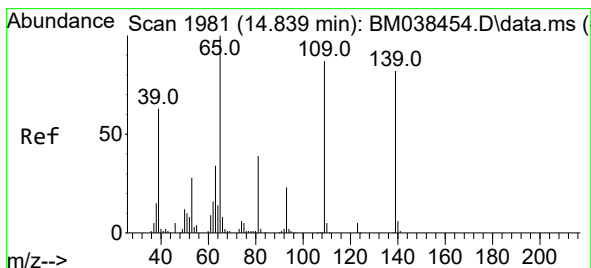
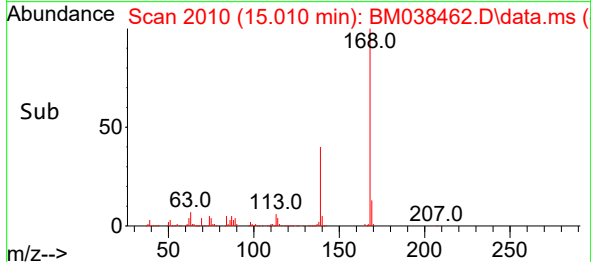
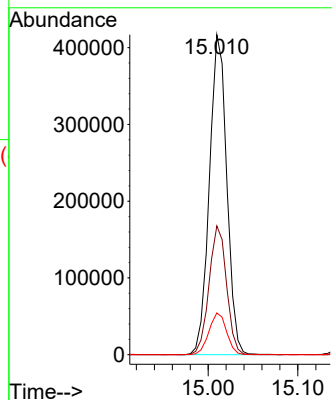
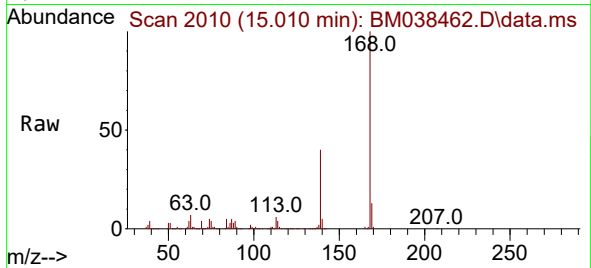




#55  
Dibenzofuran  
Concen: 42.789 ng  
RT: 15.010 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

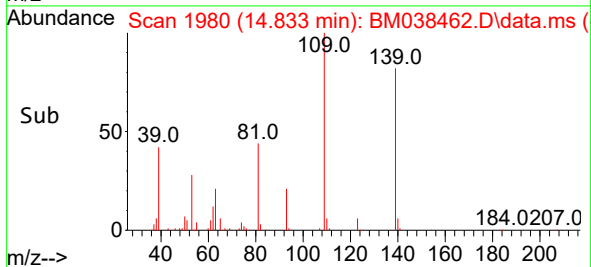
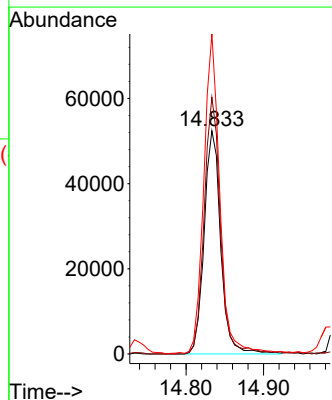
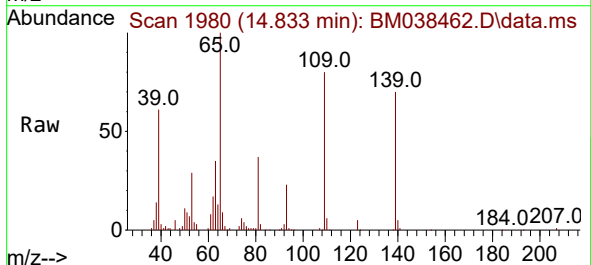
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

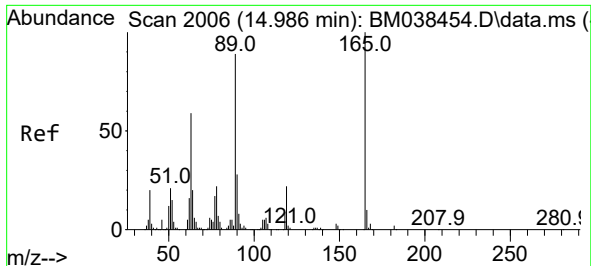
Tgt Ion:168 Resp: 561178  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.9 47.9  
169 13.1 10.5 15.7



#56  
4-Nitrophenol  
Concen: 40.940 ng  
RT: 14.833 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:139 Resp: 77894  
Ion Ratio Lower Upper  
139 100  
109 115.0 86.0 126.0  
65 143.4 102.7 142.7#

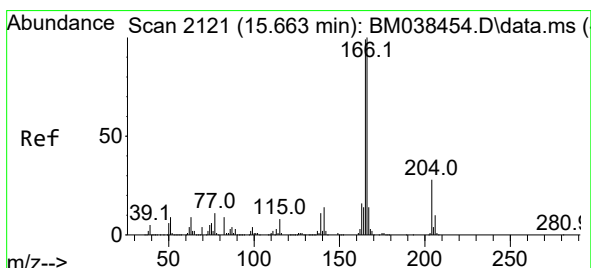
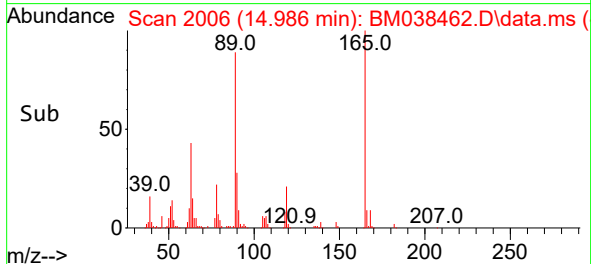
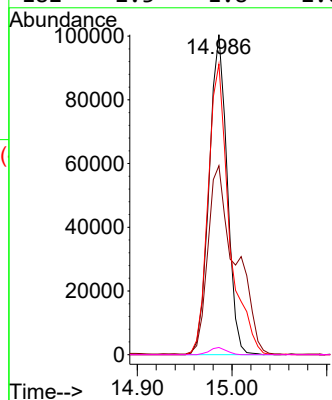
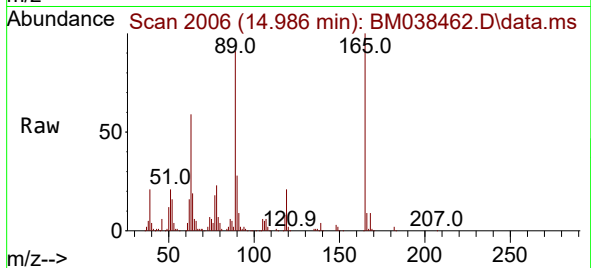




#57  
2,4-Dinitrotoluene  
Concen: 43.988 ng  
RT: 14.986 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

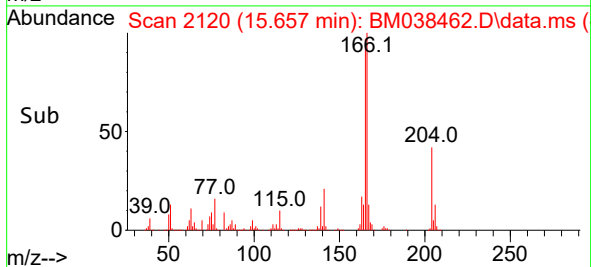
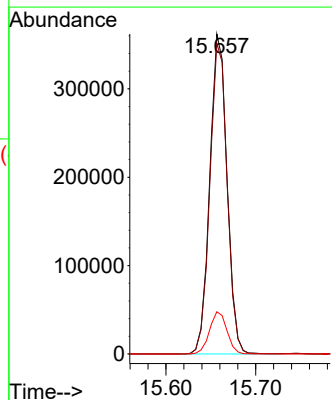
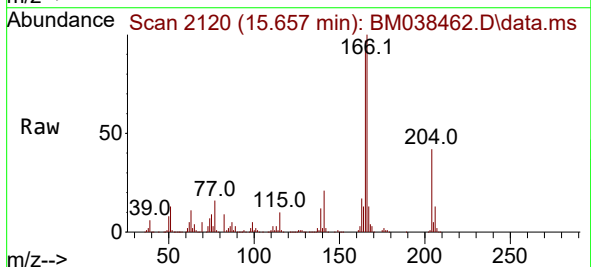
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 132738  
Ion Ratio Lower Upper  
165 100  
63 59.1 47.7 71.5  
89 90.8 71.5 107.3  
182 2.3 1.8 2.6

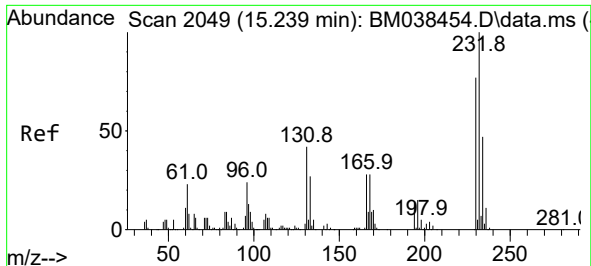


#58  
Fluorene  
Concen: 44.090 ng  
RT: 15.657 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:166 Resp: 483128  
Ion Ratio Lower Upper  
166 100  
165 97.1 79.2 118.8  
167 13.2 11.0 16.4



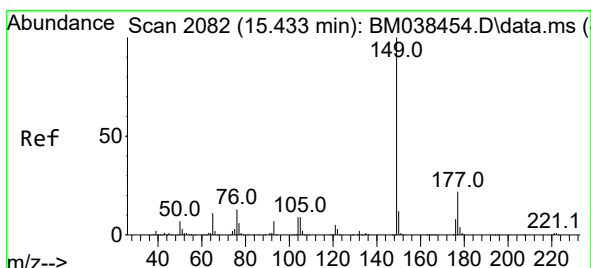
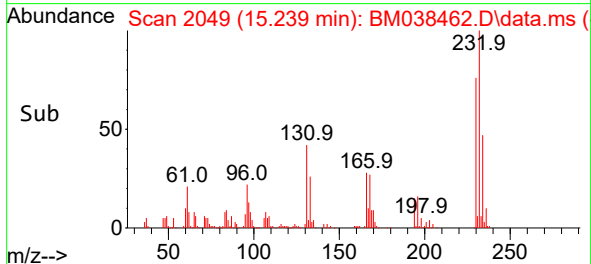
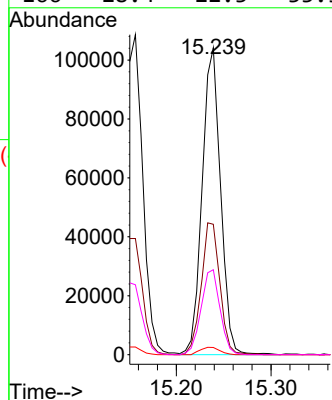
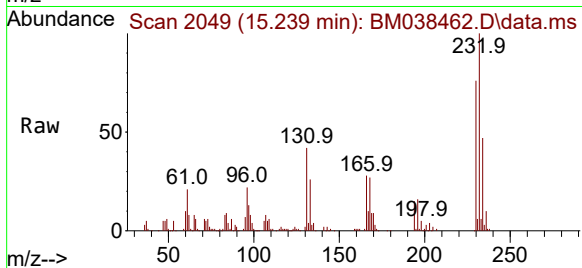




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.161 ng  
RT: 15.239 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

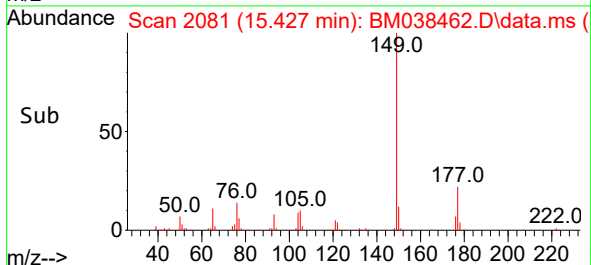
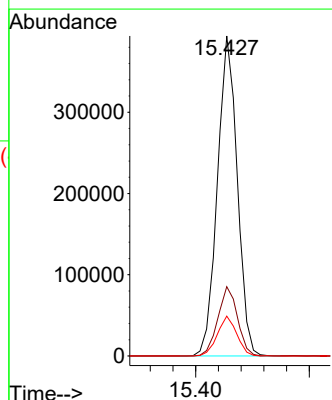
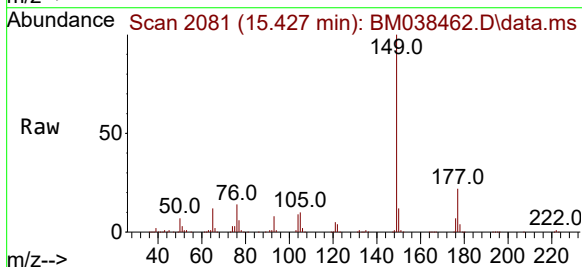
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

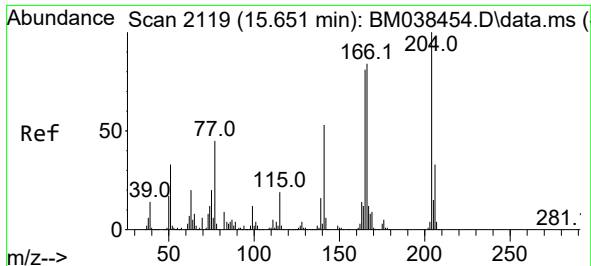
Tgt Ion:232 Resp: 140547  
Ion Ratio Lower Upper  
232 100  
131 43.5 33.8 50.6  
130 2.6 1.9 2.9  
166 28.4 22.3 33.5



#60  
Diethylphthalate  
Concen: 43.704 ng  
RT: 15.427 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:149 Resp: 478384  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 12.5 9.5 14.3

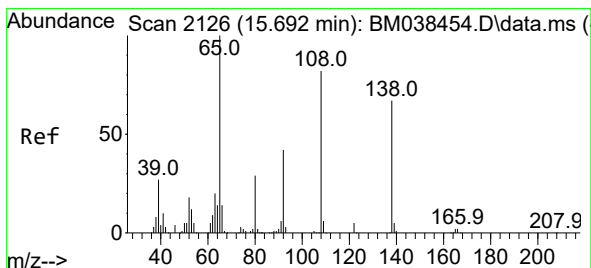
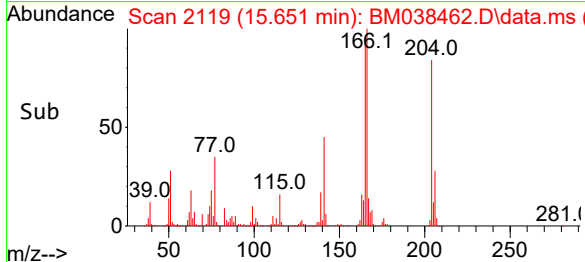
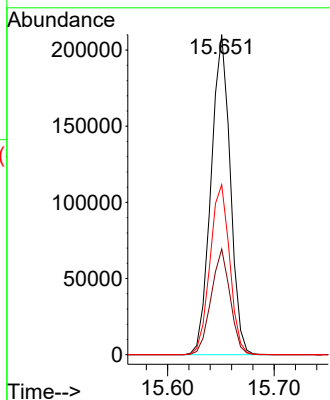
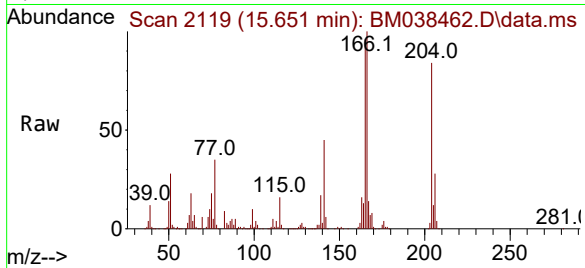




#61  
4-Chlorophenyl-phenylether  
Concen: 43.711 ng  
RT: 15.651 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

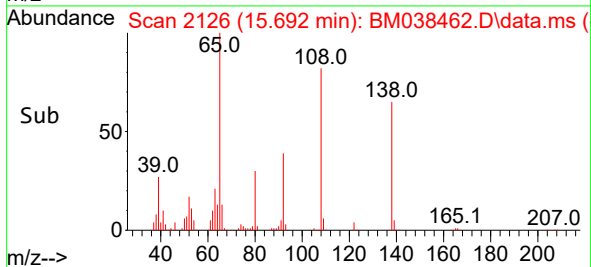
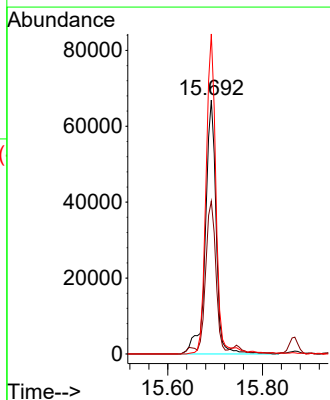
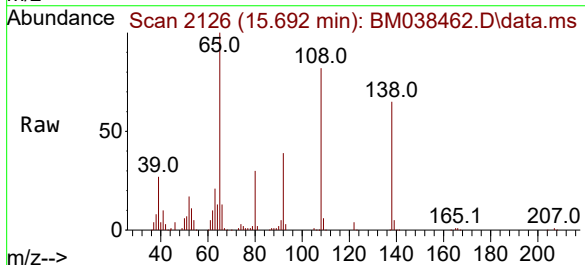
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

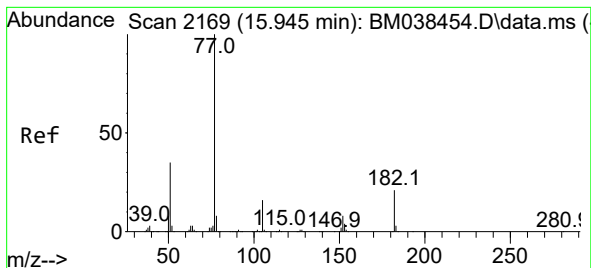
Tgt Ion:204 Resp: 262919  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.4  
141 53.1 42.5 63.7



#62  
4-Nitroaniline  
Concen: 41.896 ng  
RT: 15.692 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:138 Resp: 105207  
Ion Ratio Lower Upper  
138 100  
92 60.2 42.1 82.1  
108 126.0 102.5 142.5





#63

Azobenzene

Concen: 46.665 ng

RT: 15.945 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 562043

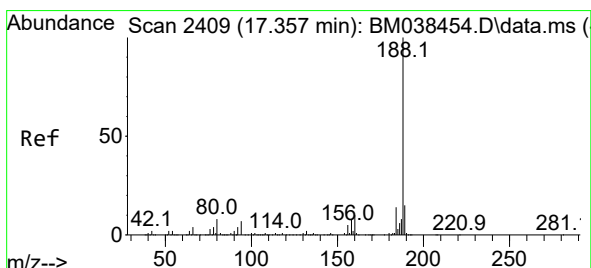
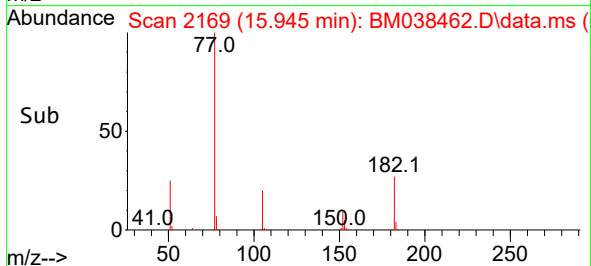
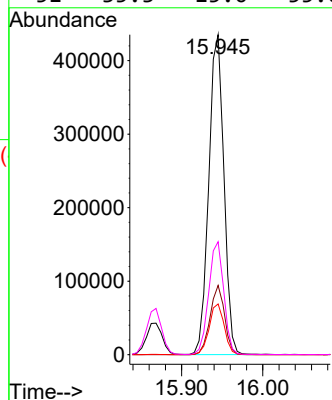
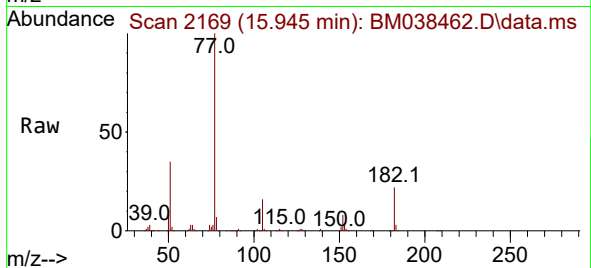
Ion Ratio Lower Upper

77 100

182 21.7 1.1 41.1

105 15.8 0.0 36.4

51 35.3 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

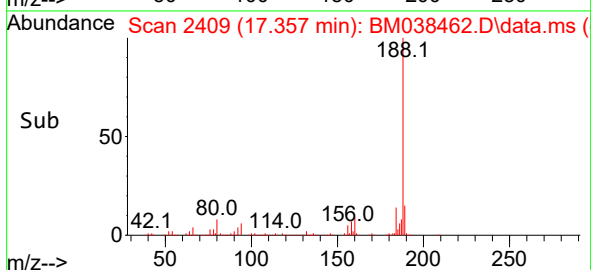
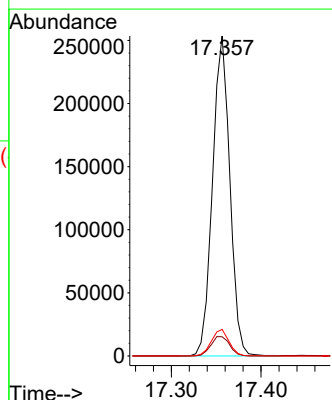
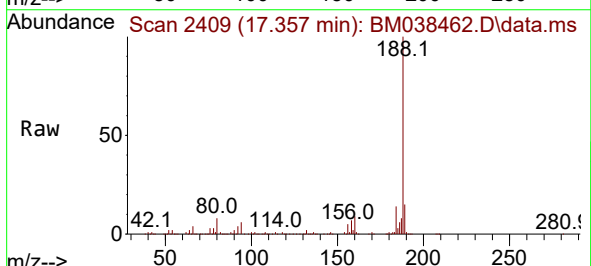
Tgt Ion: 188 Resp: 339936

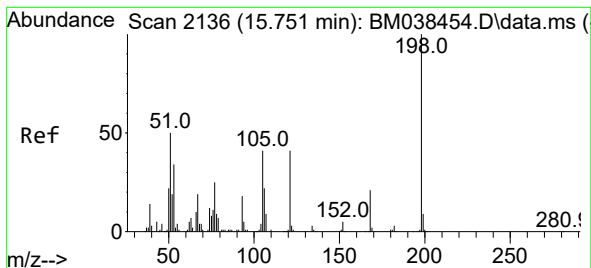
Ion Ratio Lower Upper

188 100

94 6.0 5.4 8.0

80 8.3 6.5 9.7

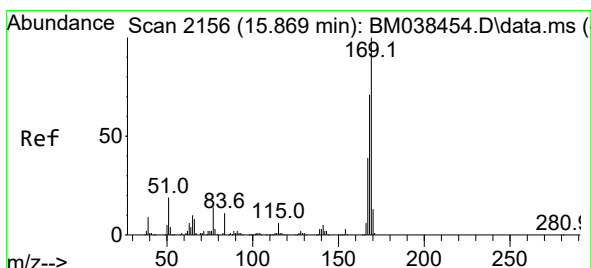
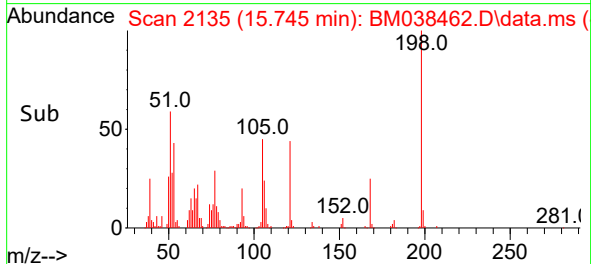
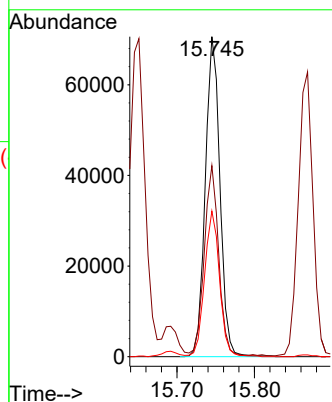
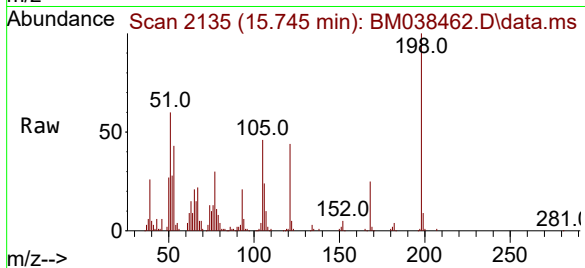




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.100 ng  
RT: 15.745 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

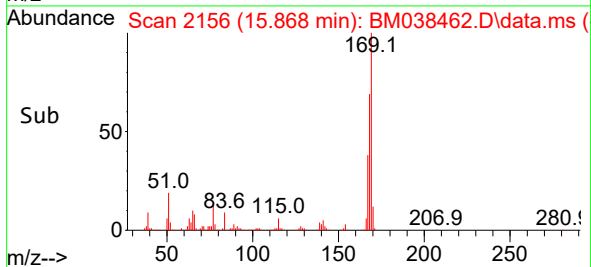
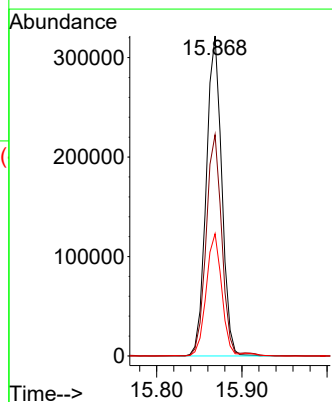
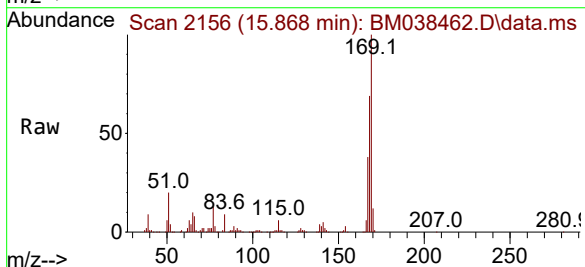
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

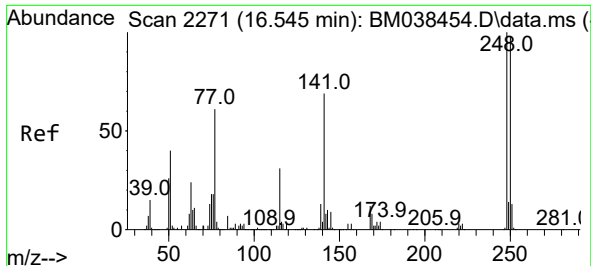
Tgt Ion:198 Resp: 92501  
Ion Ratio Lower Upper  
198 100  
51 59.7 31.6 71.6  
105 45.5 21.5 61.5



#66  
n-Nitrosodiphenylamine  
Concen: 40.714 ng  
RT: 15.868 min Scan# 2156  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:169 Resp: 406093  
Ion Ratio Lower Upper  
169 100  
168 69.2 56.6 85.0  
167 38.2 31.1 46.7

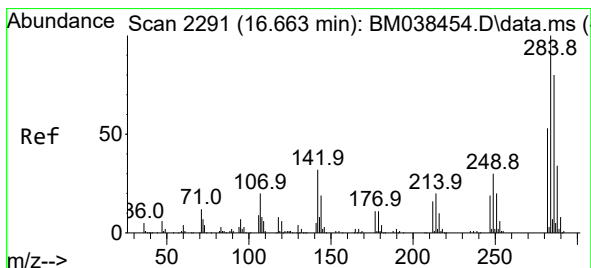
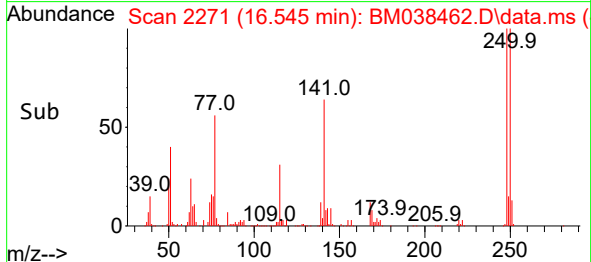
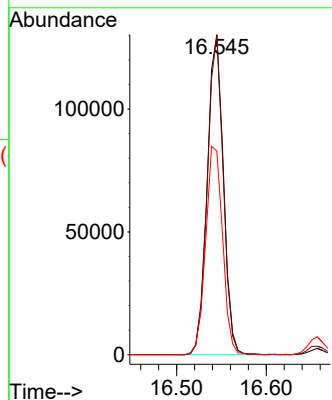
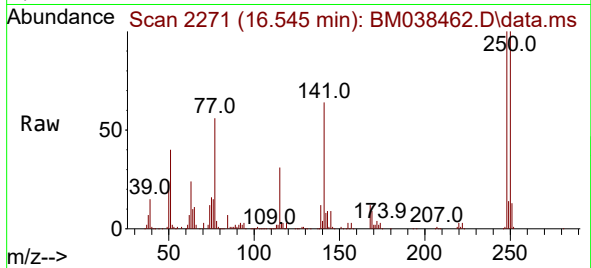




#67  
4-Bromophenyl-phenylether  
Concen: 41.728 ng  
RT: 16.545 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

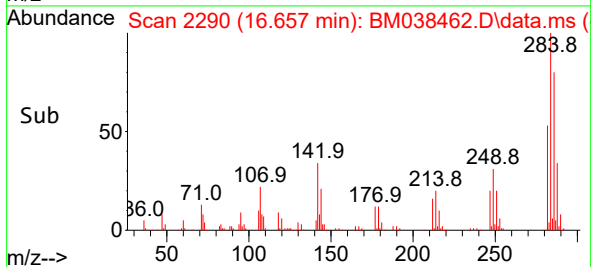
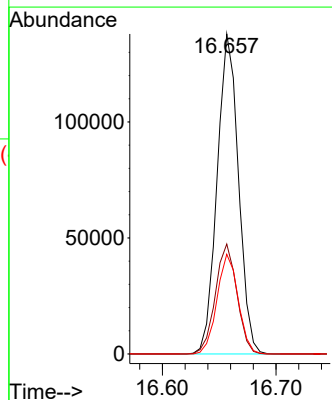
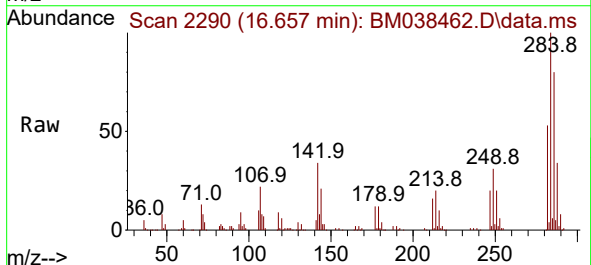
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

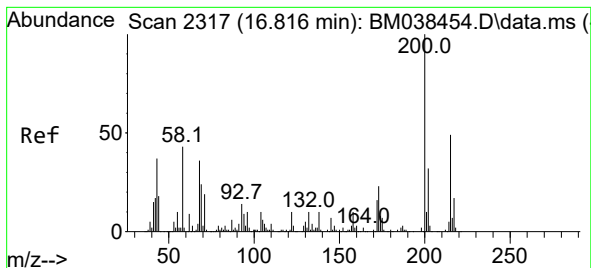
Tgt Ion:248 Resp: 164083  
Ion Ratio Lower Upper  
248 100  
250 99.9 78.3 117.5  
141 63.6 55.1 82.7



#68  
Hexachlorobenzene  
Concen: 40.898 ng  
RT: 16.657 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:284 Resp: 180078  
Ion Ratio Lower Upper  
284 100  
142 34.4 26.0 39.0  
249 31.1 23.8 35.8





#69

Atrazine

Concen: 42.861 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

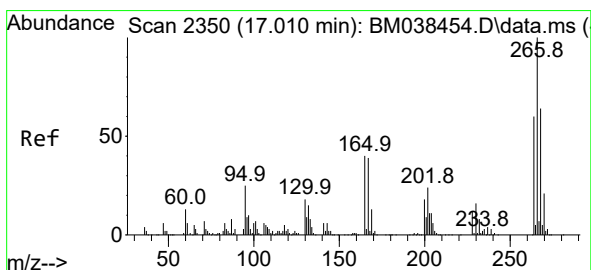
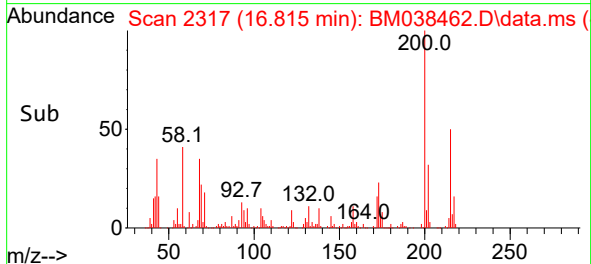
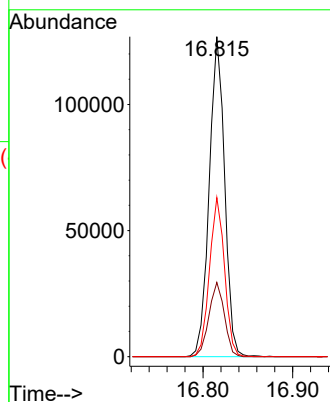
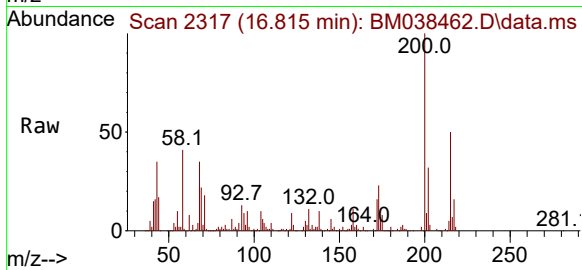
Tgt Ion:200 Resp: 151179

Ion Ratio Lower Upper

200 100

173 23.2 3.4 43.4

215 49.7 29.3 69.3



#70

Pentachlorophenol

Concen: 43.242 ng

RT: 17.004 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

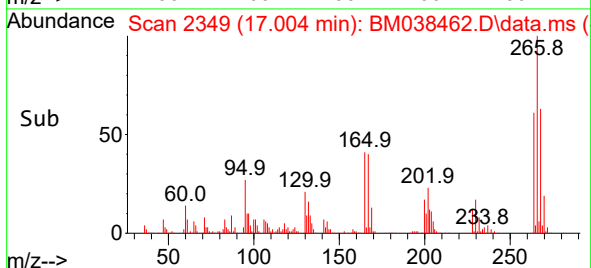
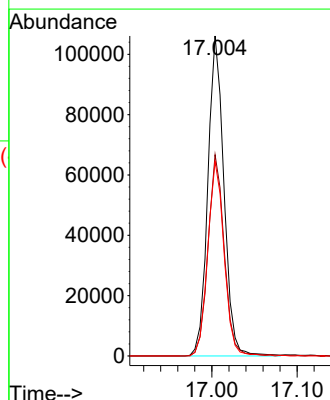
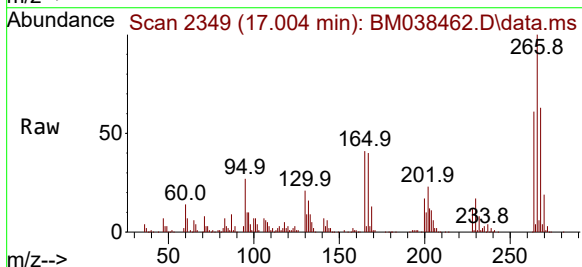
Tgt Ion:266 Resp: 138998

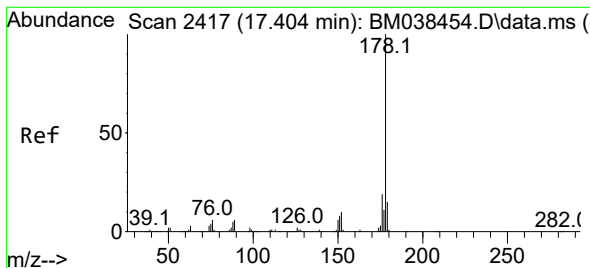
Ion Ratio Lower Upper

266 100

268 62.9 51.4 77.0

264 60.8 48.2 72.2





#71

Phenanthrene

Concen: 41.572 ng

RT: 17.398 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

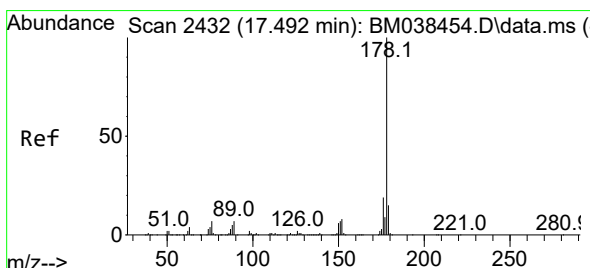
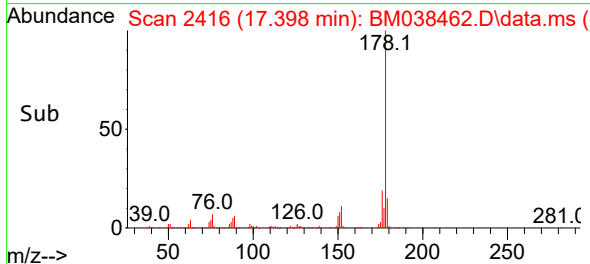
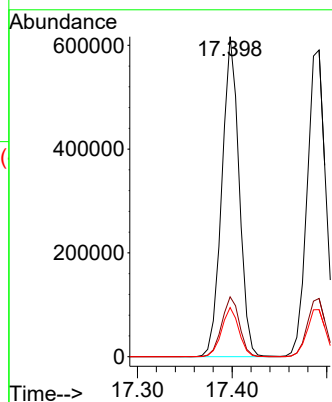
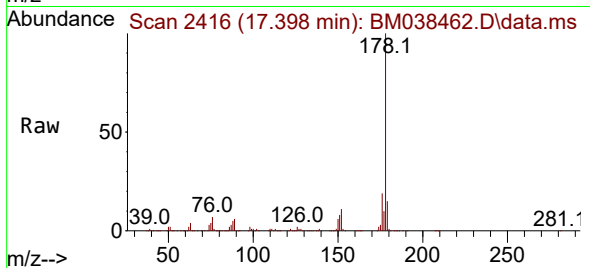
Tgt Ion:178 Resp: 781828

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.4 12.1 18.1



#72

Anthracene

Concen: 41.884 ng

RT: 17.492 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

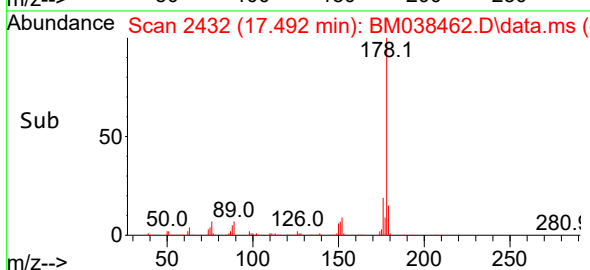
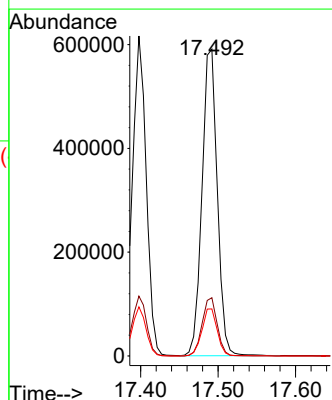
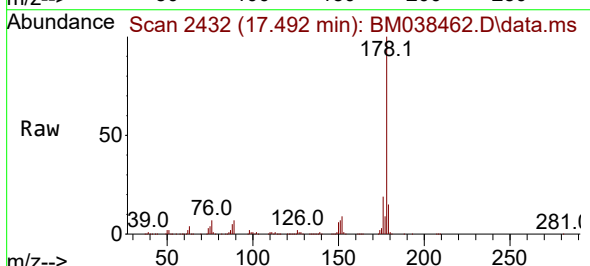
Tgt Ion:178 Resp: 809554

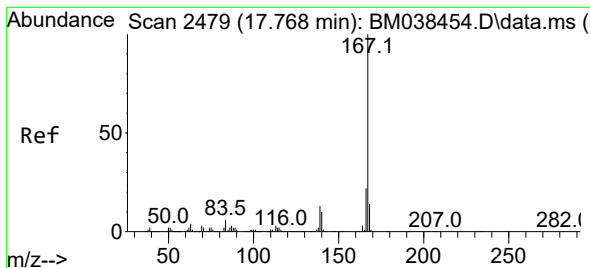
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 15.3 12.2 18.2





#73

Carbazole

Concen: 42.350 ng

RT: 17.762 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

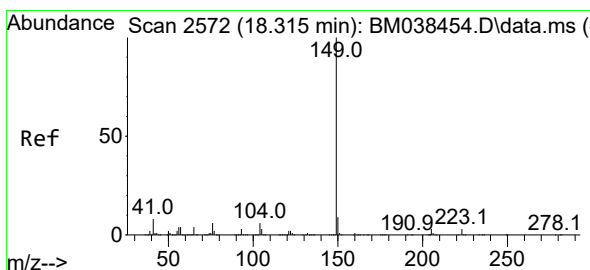
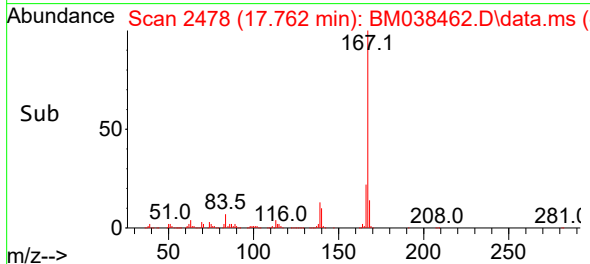
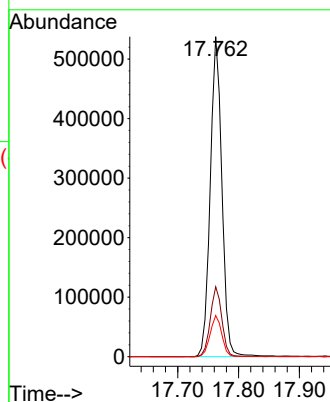
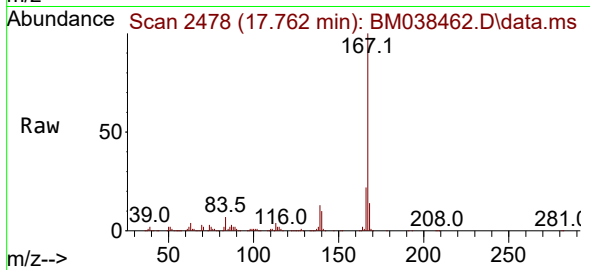
Tgt Ion:167 Resp: 715813

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.8 10.1 15.1



#74

Di-n-butylphthalate

Concen: 43.583 ng

RT: 18.309 min Scan# 2571

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

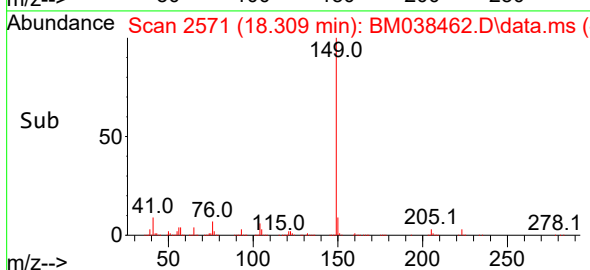
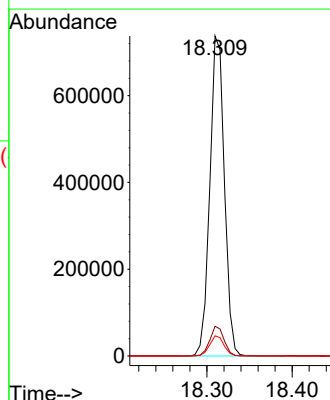
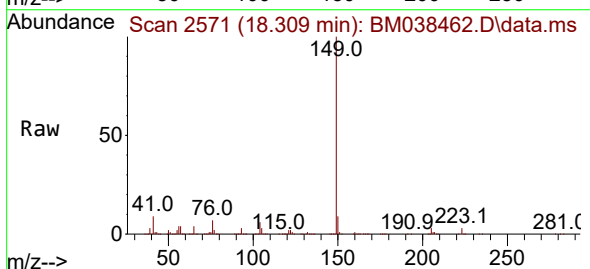
Tgt Ion:149 Resp: 874922

Ion Ratio Lower Upper

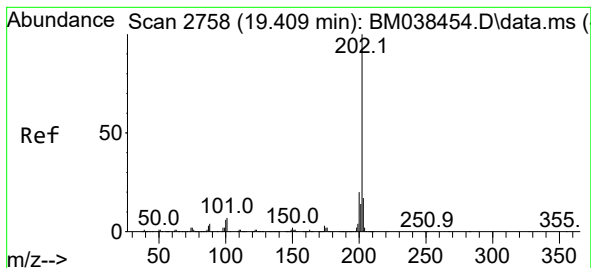
149 100

150 9.3 7.4 11.2

104 6.3 4.7 7.1







#75

Fluoranthene

Concen: 43.246 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

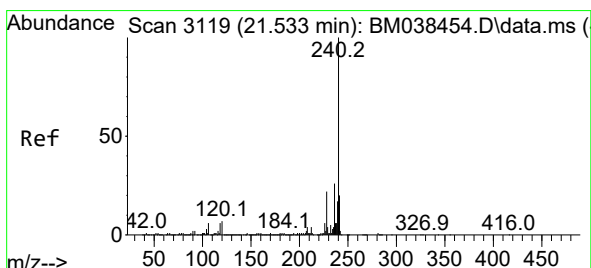
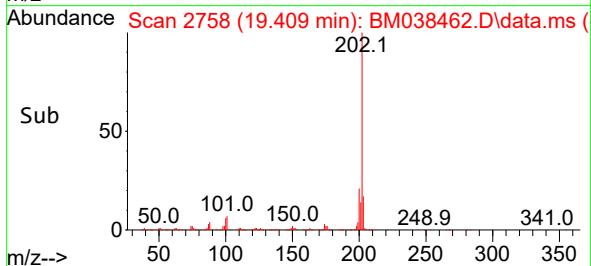
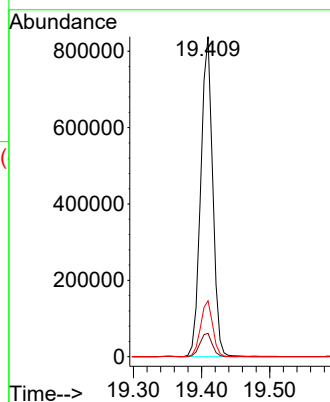
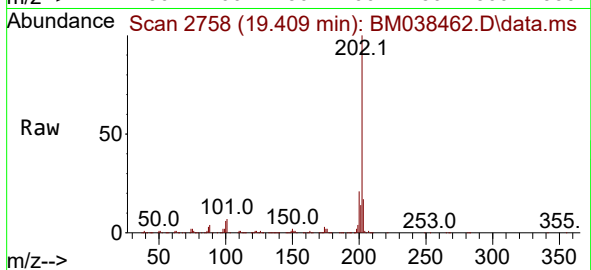
Tgt Ion:202 Resp: 1022444

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.4

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

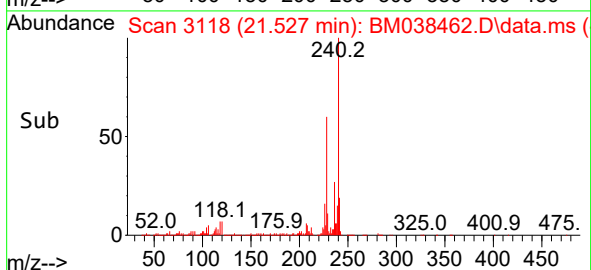
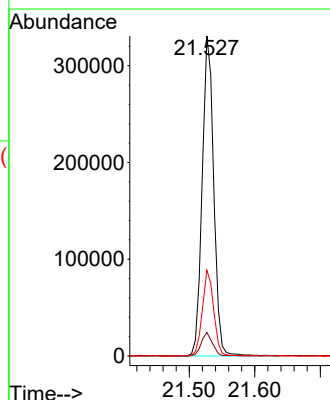
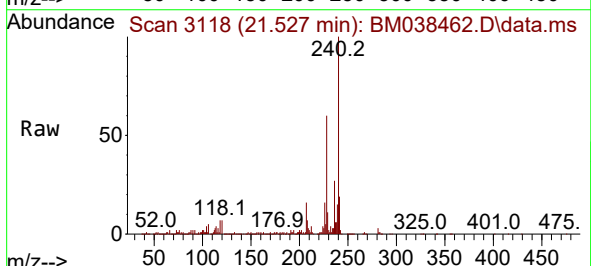
Tgt Ion:240 Resp: 406845

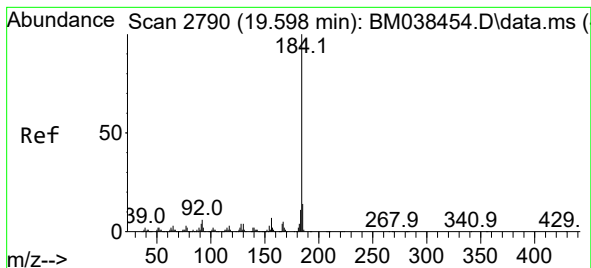
Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

236 26.8 21.0 31.4





#77

Benzidine

Concen: 44.734 ng

RT: 19.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

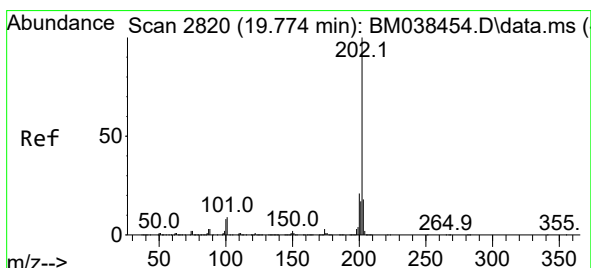
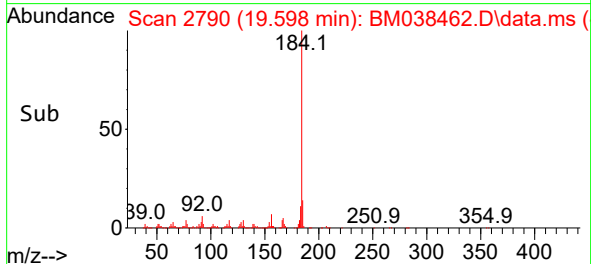
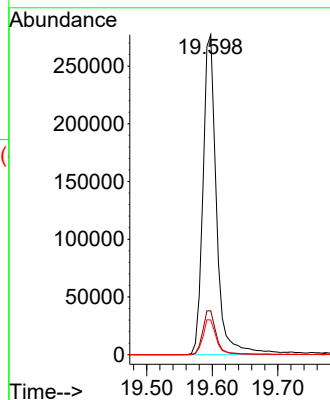
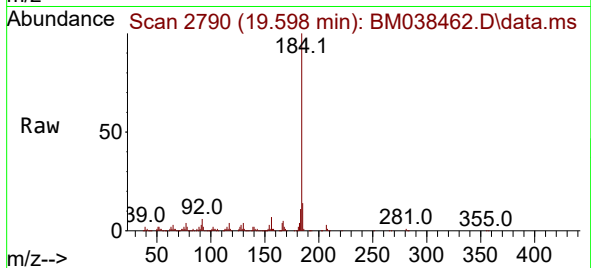
Tgt Ion:184 Resp: 398780

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

183 10.8 8.6 13.0



#78

Pyrene

Concen: 41.562 ng

RT: 19.768 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

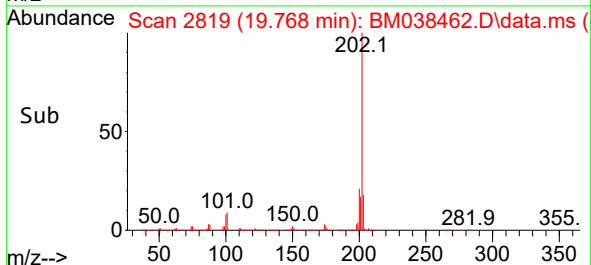
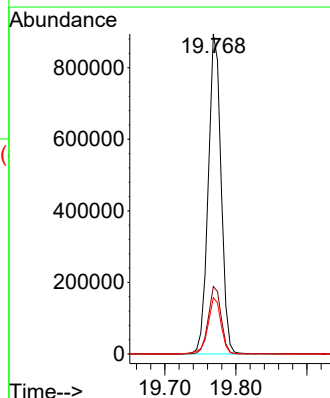
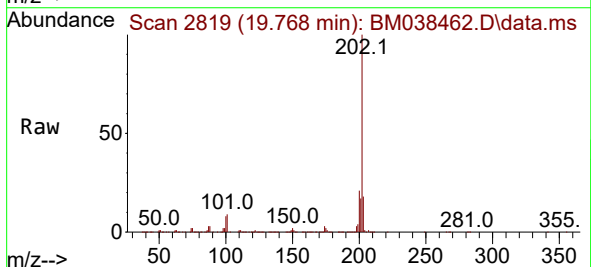
Tgt Ion:202 Resp: 1125299

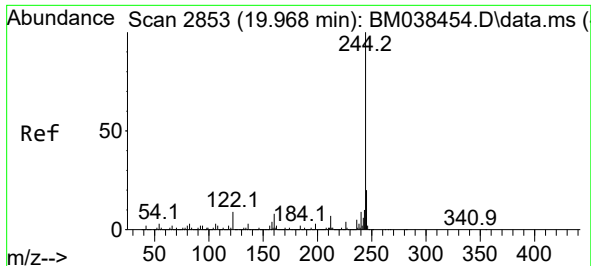
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.2 21.2

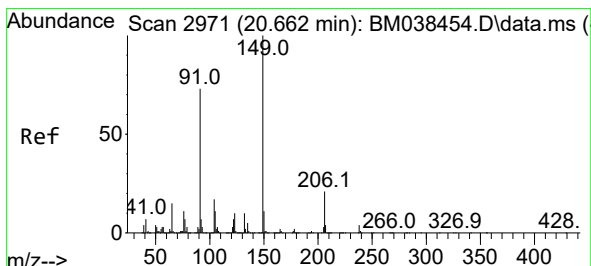
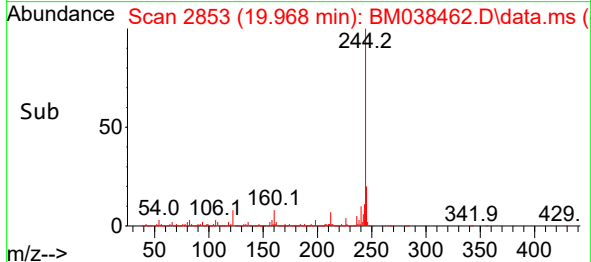
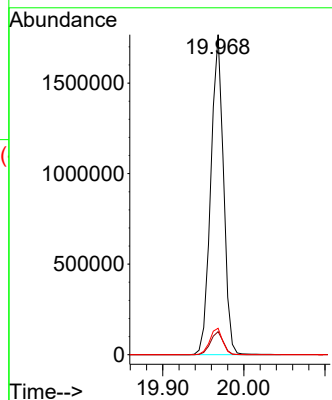
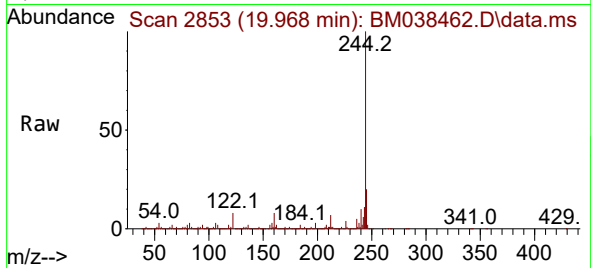




#79  
 Terphenyl-d14  
 Concen: 88.217 ng  
 RT: 19.968 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM038462.D  
 Acq: 17 Jan 2023 10:27

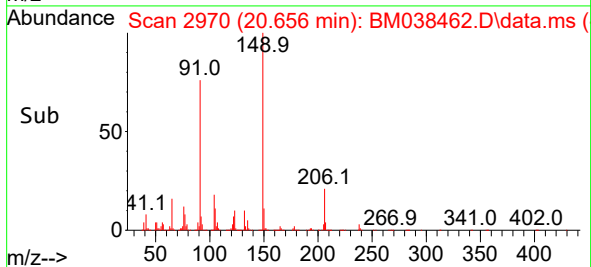
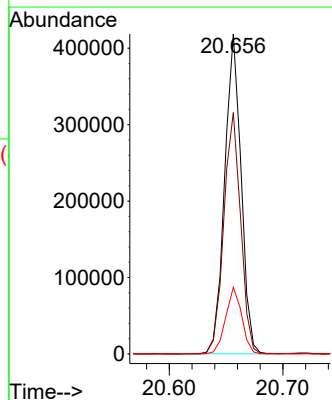
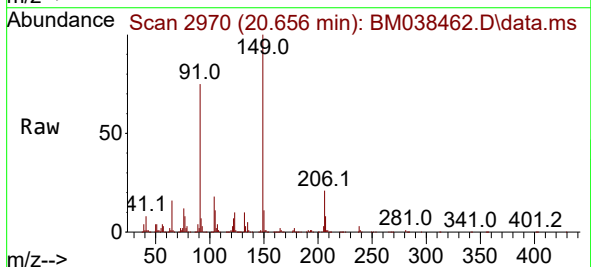
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

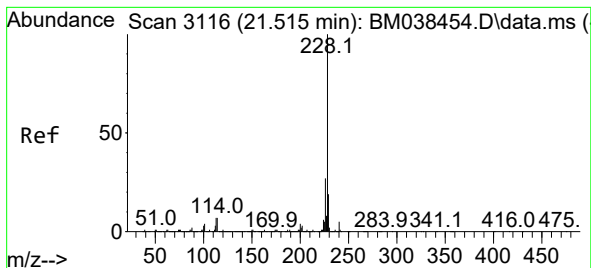
Tgt Ion:244 Resp: 1917195  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 8.2 7.1 10.7



#80  
 Butylbenzylphthalate  
 Concen: 42.533 ng  
 RT: 20.656 min Scan# 2970  
 Delta R.T. -0.006 min  
 Lab File: BM038462.D  
 Acq: 17 Jan 2023 10:27

Tgt Ion:149 Resp: 420927  
 Ion Ratio Lower Upper  
 149 100  
 91 75.5 58.3 87.5  
 206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 42.568 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

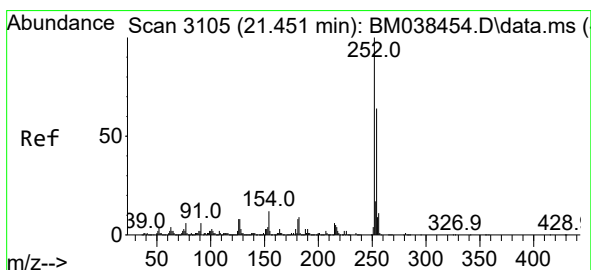
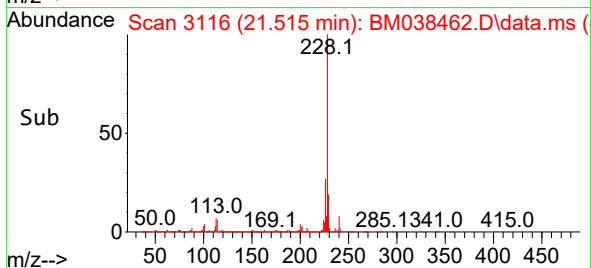
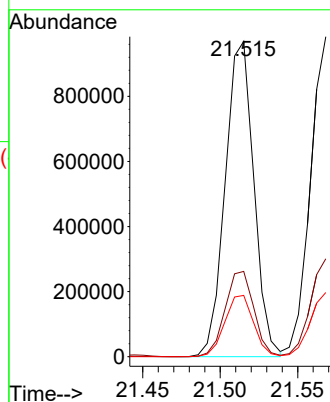
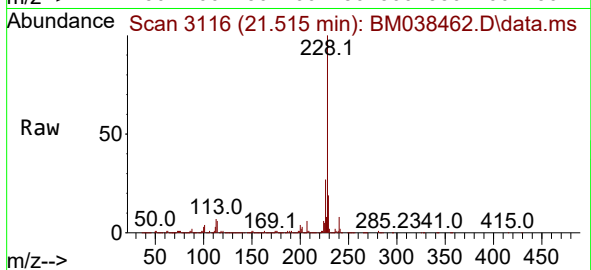
Tgt Ion:228 Resp: 1245606

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 43.197 ng

RT: 21.445 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

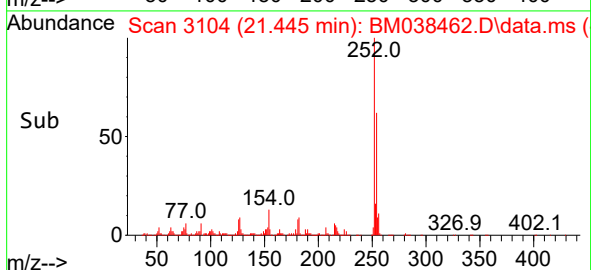
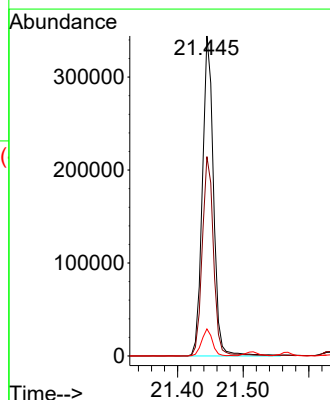
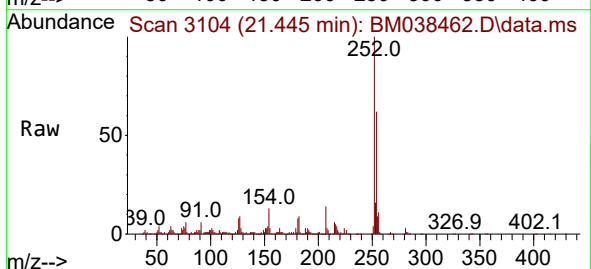
Tgt Ion:252 Resp: 407004

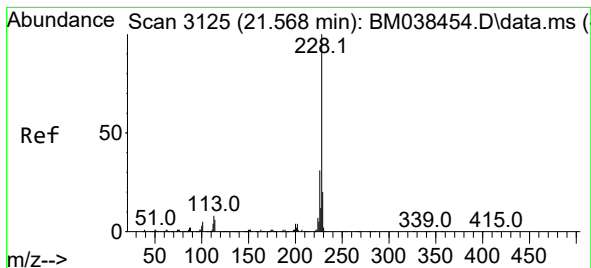
Ion Ratio Lower Upper

252 100

254 62.3 51.2 76.8

126 8.5 6.3 9.5





#83

Chrysene

Concen: 42.014 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

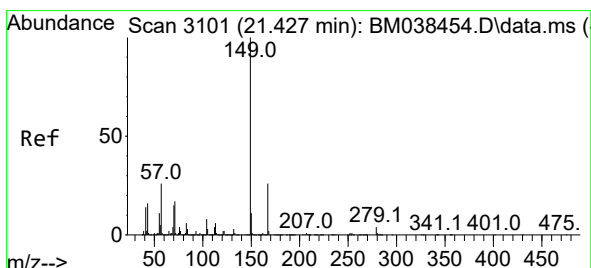
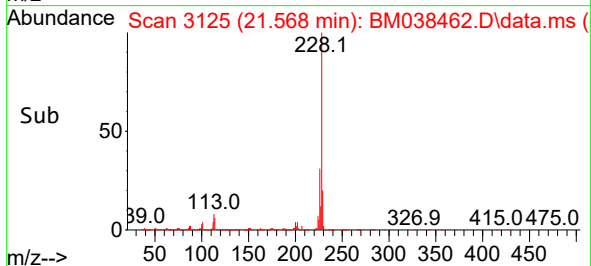
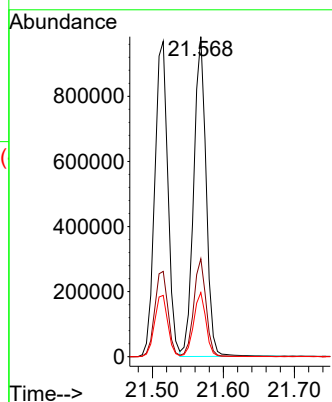
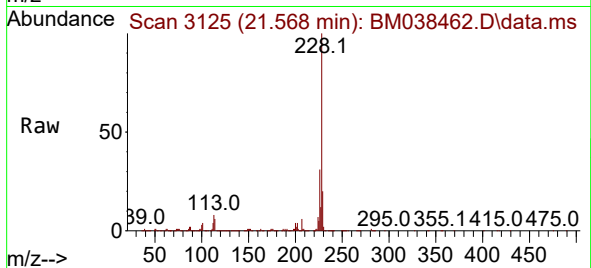
Tgt Ion:228 Resp: 1194672

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.125 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

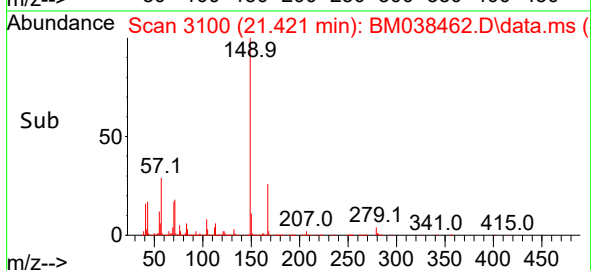
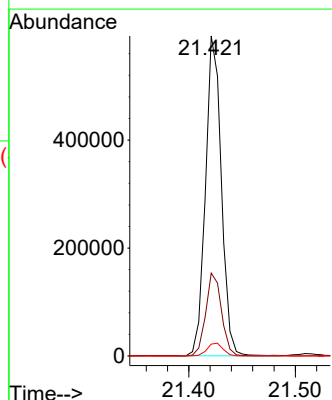
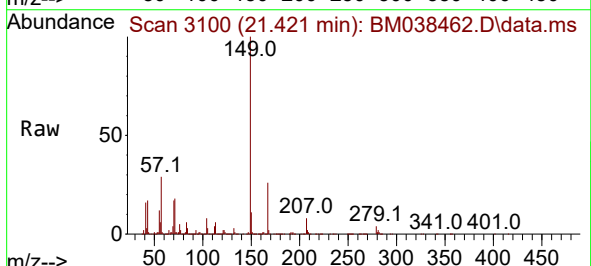
Tgt Ion:149 Resp: 613538

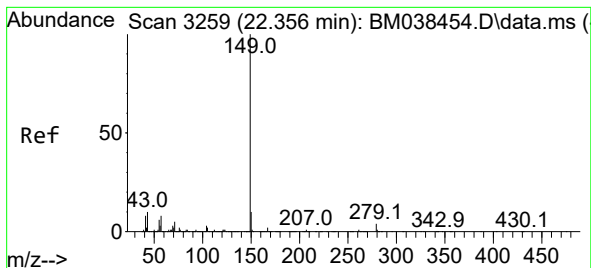
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.759 ng

RT: 22.350 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

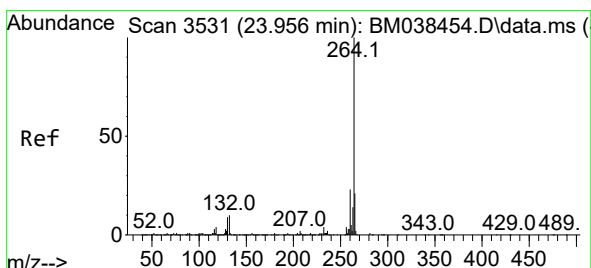
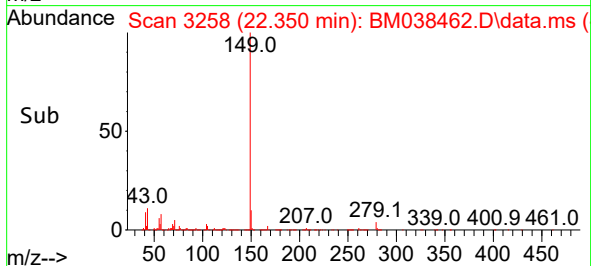
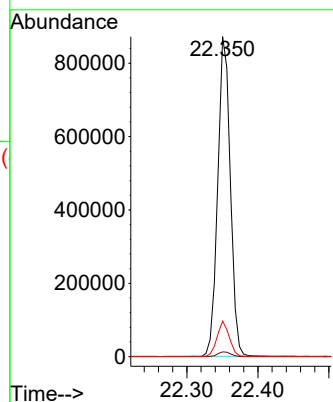
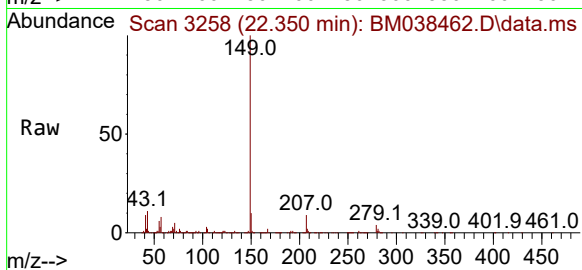
Tgt Ion:149 Resp: 1070344

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3530

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

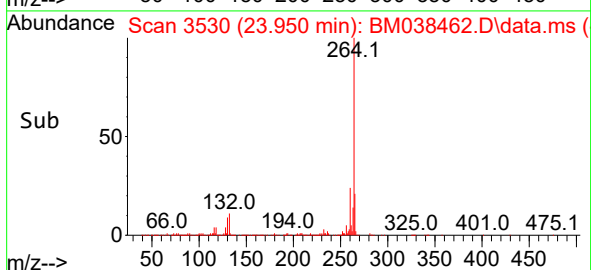
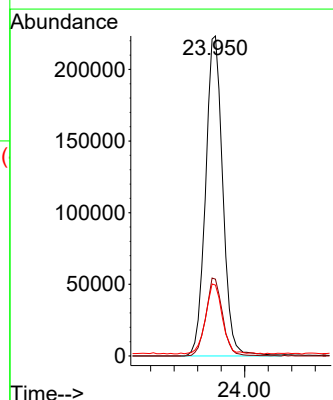
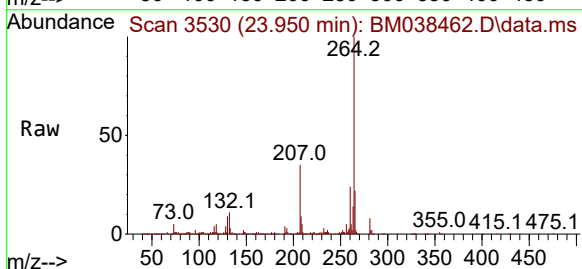
Tgt Ion:264 Resp: 453664

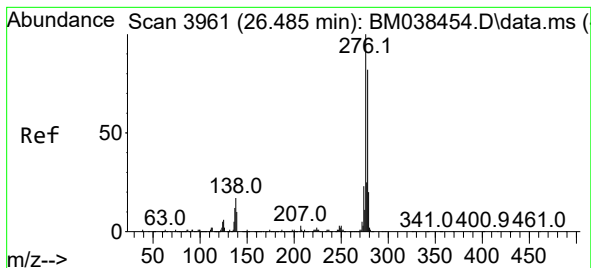
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.538 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

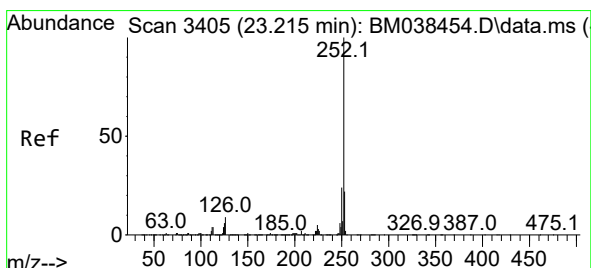
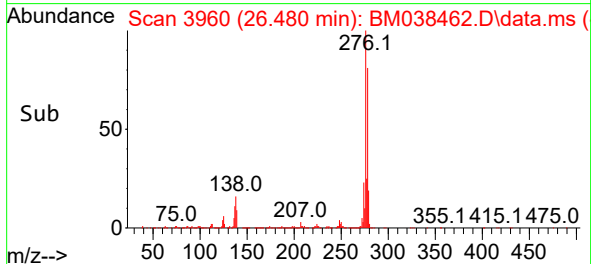
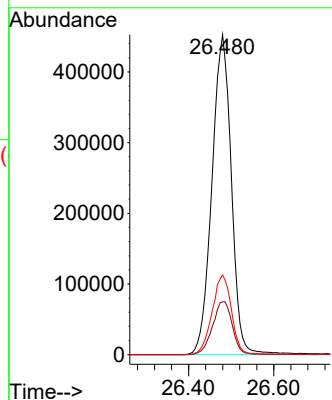
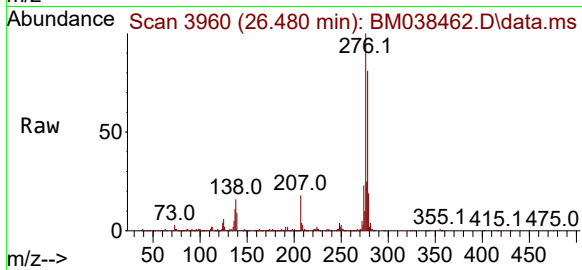
Tgt Ion:276 Resp: 1428171

Ion Ratio Lower Upper

276 100

138 17.0 13.4 20.2

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 41.976 ng

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

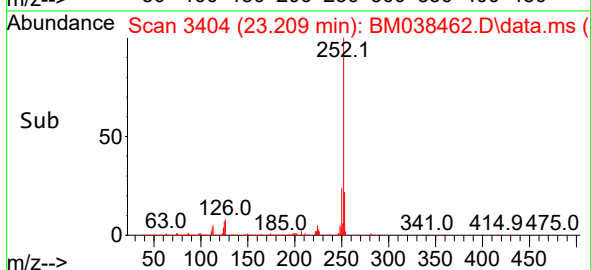
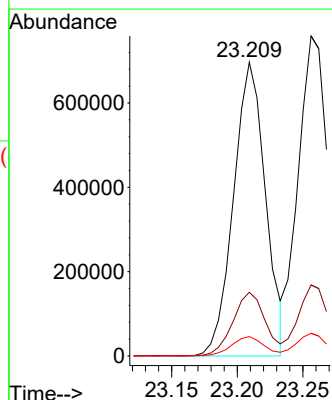
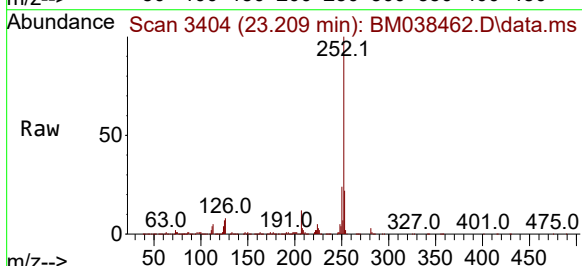
Tgt Ion:252 Resp: 1180796

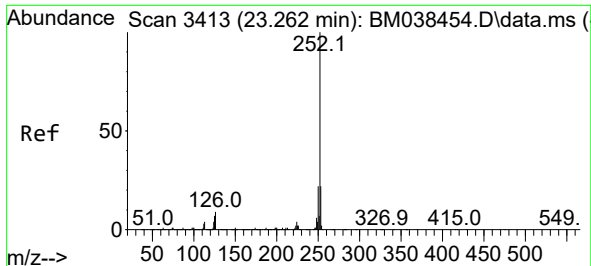
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 6.6 5.1 7.7

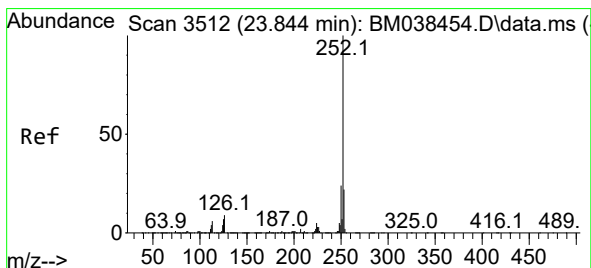
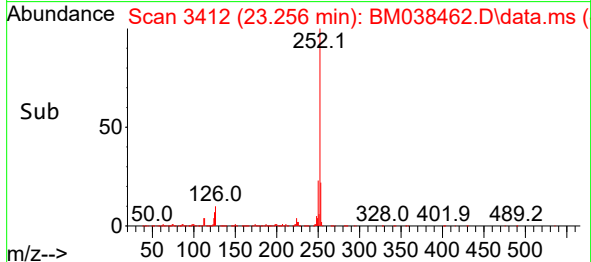
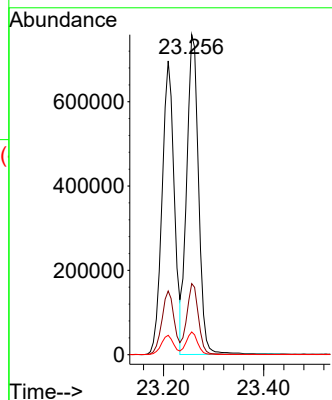
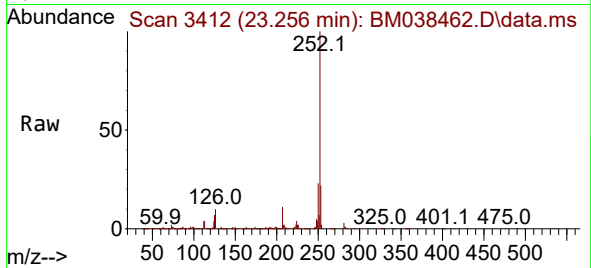




#89  
Benzo(k)fluoranthene  
Concen: 42.833 ng  
RT: 23.256 min Scan# 3413  
Delta R.T. -0.006 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

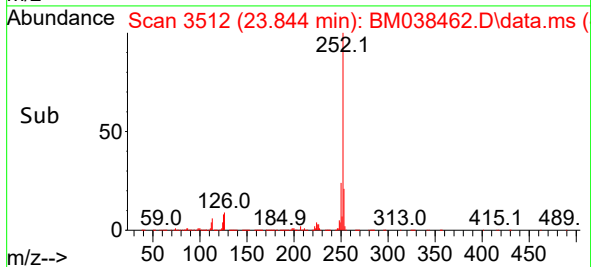
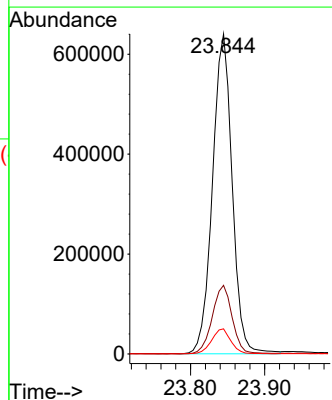
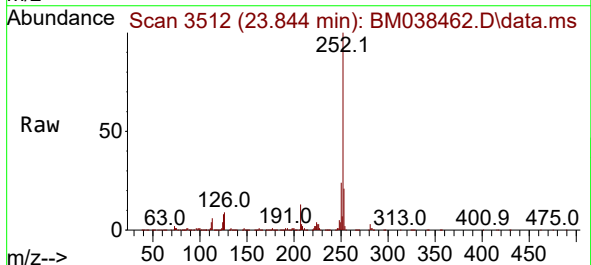
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 1246029  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 7.1 5.5 8.3

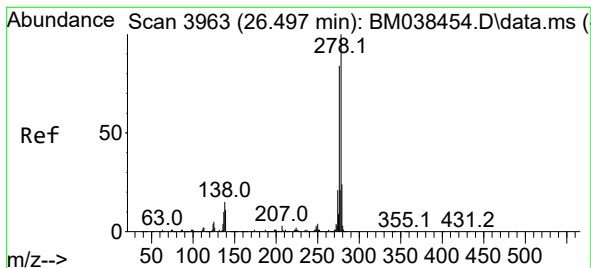


#90  
Benzo(a)pyrene  
Concen: 42.757 ng  
RT: 23.844 min Scan# 3512  
Delta R.T. -0.000 min  
Lab File: BM038462.D  
Acq: 17 Jan 2023 10:27

Tgt Ion:252 Resp: 1180311  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 7.8 5.8 8.8







#91

Dibenzo(a,h)anthracene

Concen: 42.889 ng

RT: 26.491 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

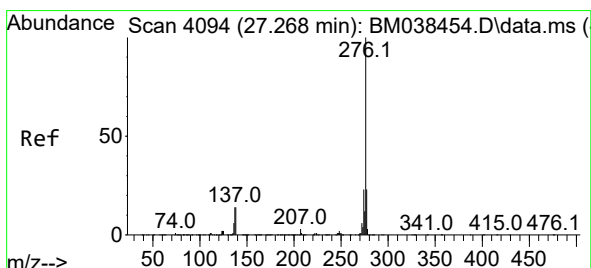
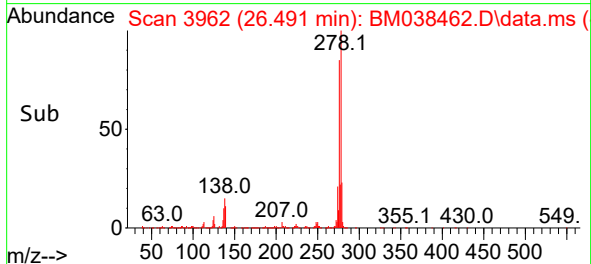
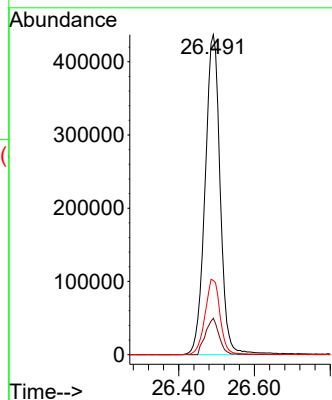
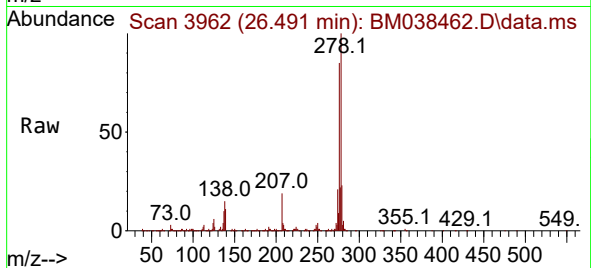
Tgt Ion:278 Resp: 1208346

Ion Ratio Lower Upper

278 100

139 11.4 8.4 12.6

279 23.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.114 ng

RT: 27.262 min Scan# 4093

Delta R.T. -0.006 min

Lab File: BM038462.D

Acq: 17 Jan 2023 10:27

Tgt Ion:276 Resp: 1177142

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 14.3 11.3 16.9

