

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021423\  
 Data File : BM038724.D  
 Acq On : 14 Feb 2023 11:00  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 15:50:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 14 15:49:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 51792    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 174812   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.545 | 164  | 112108   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.286 | 188  | 225672   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.462 | 240  | 194643   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.838 | 264  | 244681   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 211156   | 79.865 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.081  | 99   | 249223   | 82.648 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 244396   | 79.410 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.033 | 330  | 125661   | 82.466 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.168 | 172  | 732302   | 83.160 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.903 | 244  | 948226   | 85.968 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.310  | 88   | 42840    | 36.754 | ng    | 94       |
| 3) Pyridine                   | 3.728  | 79   | 109888   | 39.647 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 47545    | 37.998 | ng    | # 94     |
| 6) Aniline                    | 7.234  | 93   | 154217   | 40.999 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.463  | 128  | 117274   | 40.650 | ng    | 97       |
| 9) Benzaldehyde               | 7.045  | 77   | 49921    | 37.561 | ng    | 89       |
| 10) Phenol                    | 7.104  | 94   | 123138   | 40.421 | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.334  | 93   | 103346   | 41.890 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.786  | 146  | 149264   | 40.494 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.939  | 146  | 147857   | 39.746 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 142173   | 39.893 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.157  | 79   | 84419    | 38.036 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 89700    | 38.385 | ng    | 98       |
| 17) 2-Methylphenol            | 8.357  | 107  | 96010    | 41.088 | ng    | 98       |
| 18) Hexachloroethane          | 8.975  | 117  | 48505    | 40.374 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 73650    | 40.520 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.686  | 107  | 129002   | 41.407 | ng    | 96       |
| 22) Acetophenone              | 8.739  | 105  | 162562   | 38.994 | ng    | # 98     |
| 24) Nitrobenzene              | 9.122  | 77   | 120855   | 38.688 | ng    | 94       |
| 25) Isophorone                | 9.645  | 82   | 206192   | 38.244 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.828  | 139  | 72804    | 41.883 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.892  | 122  | 100999   | 40.271 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93   | 132641   | 40.257 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.363 | 162  | 136756   | 38.381 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 138533   | 36.551 | ng    | 98       |
| 31) Naphthalene               | 10.763 | 128  | 367421   | 40.958 | ng    | 99       |
| 32) Benzoic acid              | 10.051 | 122  | 76395    | 37.630 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.880 | 127  | 160014   | 40.701 | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 68774    | 36.223 | ng    | 100      |
| 35) Caprolactam               | 11.686 | 113  | 30055    | 39.166 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 101670   | 38.589 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.369 | 142  | 290891   | 40.127 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.586 | 142  | 272773   | 39.933 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 117631   | 40.317 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.704 | 237  | 65112    | 35.964 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.980 | 196  | 94429    | 41.197 | ng    | 97       |

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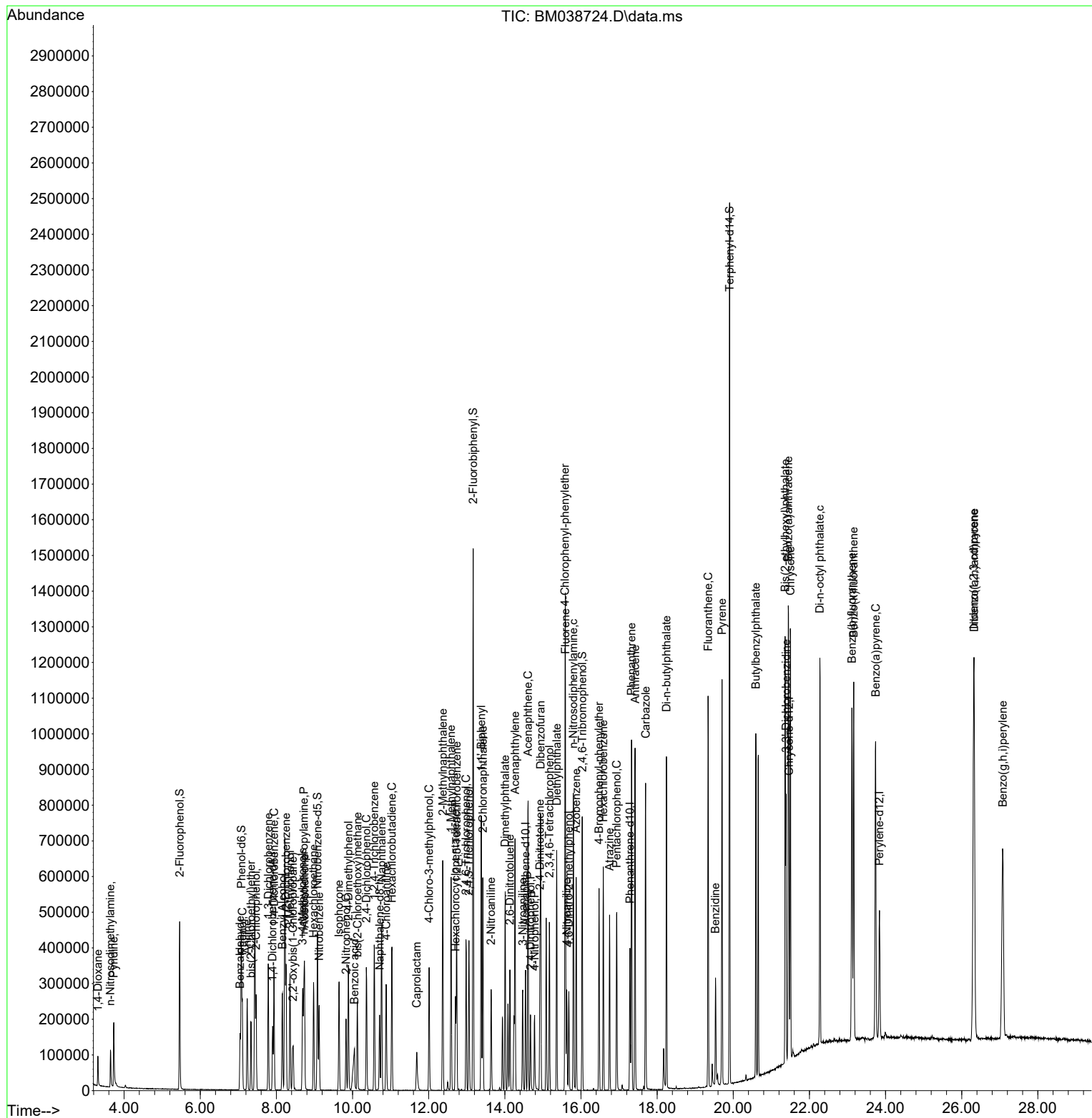
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.057 | 196  | 107998   | 40.039 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.380 | 154  | 389290   | 43.836 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.421 | 162  | 296589   | 42.443 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.639 | 65   | 62178    | 39.814 | ng    | 94       |
| 49) Acenaphthylene            | 14.268 | 152  | 485721   | 44.130 | ng    | 99       |
| 50) Dimethylphthalate         | 14.010 | 163  | 375691   | 41.065 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.133 | 165  | 79898    | 42.969 | ng    | 95       |
| 52) Acenaphthene              | 14.610 | 154  | 283236   | 43.097 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.468 | 138  | 82626    | 42.645 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.674 | 184  | 48465    | 40.044 | ng    | 99       |
| 55) Dibenzofuran              | 14.939 | 168  | 472924   | 41.788 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.780 | 139  | 64370    | 43.164 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.921 | 165  | 108770   | 39.927 | ng    | # 98     |
| 58) Fluorene                  | 15.592 | 166  | 377360   | 42.141 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.168 | 232  | 76982    | 41.006 | ng    | 97       |
| 60) Diethylphthalate          | 15.362 | 149  | 375896   | 43.371 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.580 | 204  | 155999   | 41.064 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.627 | 138  | 77399    | 39.101 | ng    | 94       |
| 63) Azobenzene                | 15.874 | 77   | 296872   | 44.521 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 198  | 59989    | 42.226 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.798 | 169  | 315499   | 42.817 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.474 | 248  | 91835    | 42.145 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 111987   | 42.052 | ng    | 98       |
| 69) Atrazine                  | 16.751 | 200  | 89185    | 41.760 | ng    | 100      |
| 70) Pentachlorophenol         | 16.939 | 266  | 80436    | 41.434 | ng    | 98       |
| 71) Phenanthrene              | 17.327 | 178  | 561356   | 41.893 | ng    | 99       |
| 72) Anthracene                | 17.421 | 178  | 575307   | 41.968 | ng    | 99       |
| 73) Carbazole                 | 17.698 | 167  | 544802   | 42.614 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 675613   | 46.775 | ng    | 99       |
| 75) Fluoranthene              | 19.339 | 202  | 592957   | 42.146 | ng    | 98       |
| 77) Benzidine                 | 19.533 | 184  | 190527   | 33.581 | ng    | 98       |
| 78) Pyrene                    | 19.703 | 202  | 626424   | 41.802 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 312109   | 42.085 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.444 | 228  | 576368   | 41.862 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.386 | 252  | 202034   | 42.652 | ng    | 98       |
| 83) Chrysene                  | 21.503 | 228  | 546967   | 41.231 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 460725   | 42.614 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.274 | 149  | 798154   | 45.248 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.315 | 276  | 809580   | 42.007 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.115 | 252  | 610495   | 41.657 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.162 | 252  | 626721   | 42.112 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.738 | 252  | 606469   | 41.846 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.326 | 278  | 678080   | 41.819 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.079 | 276  | 666964   | 40.692 | ng    | 97       |

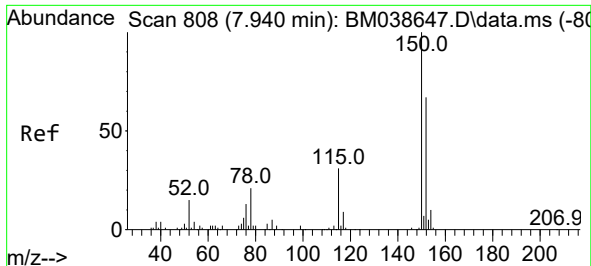
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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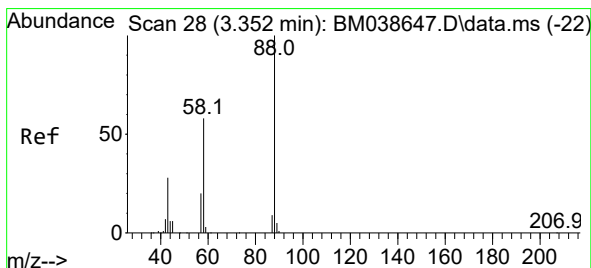
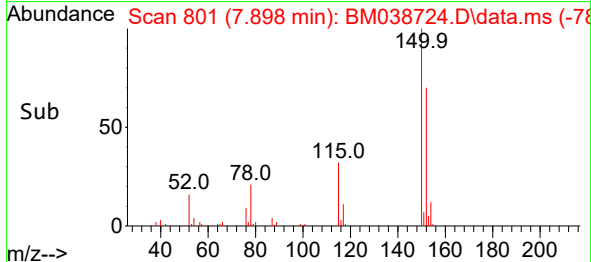
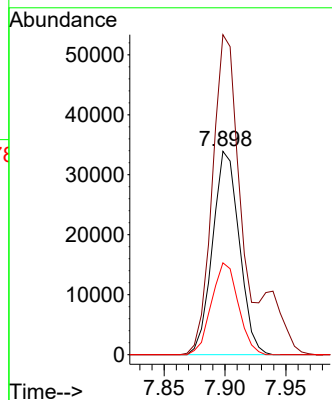
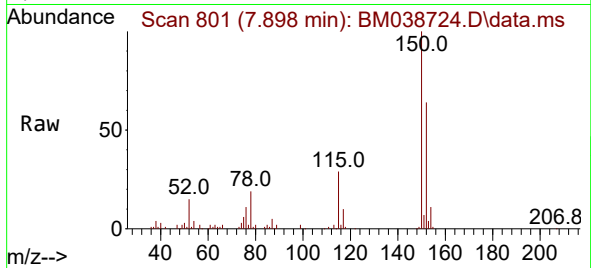




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

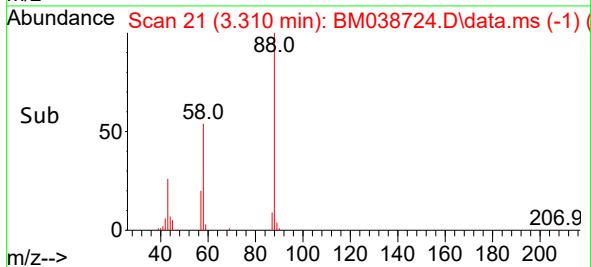
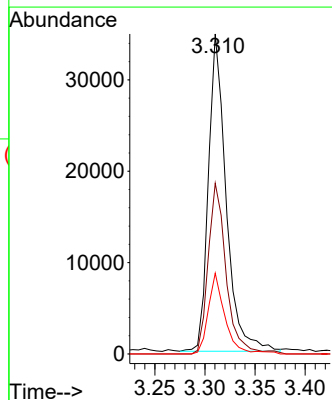
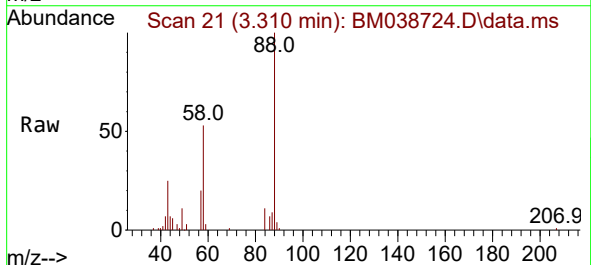
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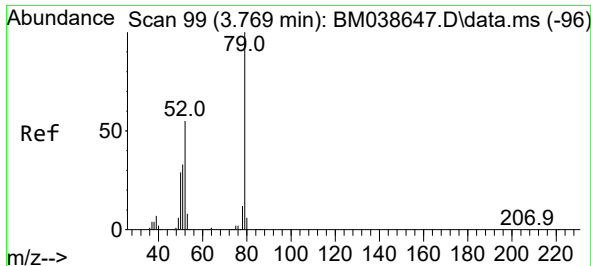
Tgt Ion:152 Resp: 51792  
Ion Ratio Lower Upper  
152 100  
150 157.3 119.5 179.3  
115 45.1 37.6 56.4



#2  
1,4-Dioxane  
Concen: 36.754 ng  
RT: 3.310 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 88 Resp: 42840  
Ion Ratio Lower Upper  
88 100  
58 54.6 47.0 70.4  
43 24.1 22.6 33.8

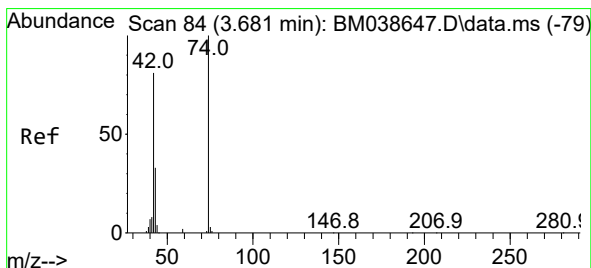
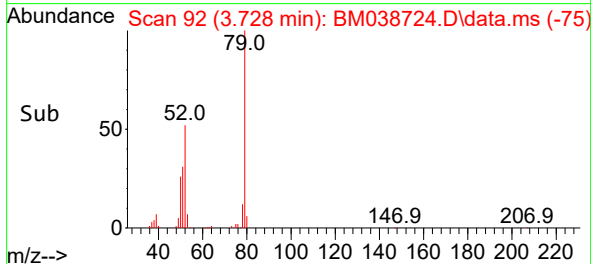
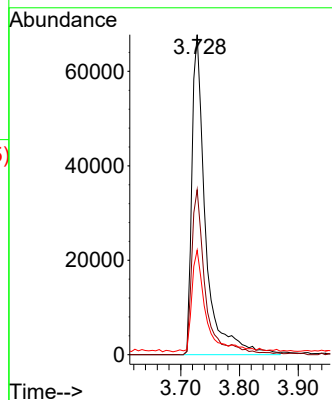
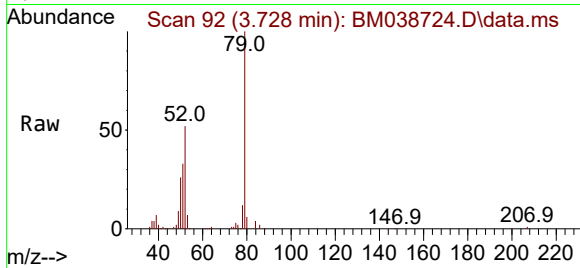




#3  
 Pyridine  
 Concen: 39.647 ng  
 RT: 3.728 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

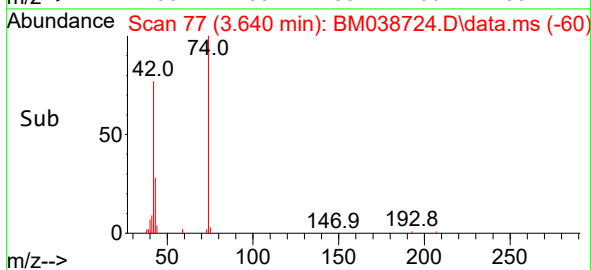
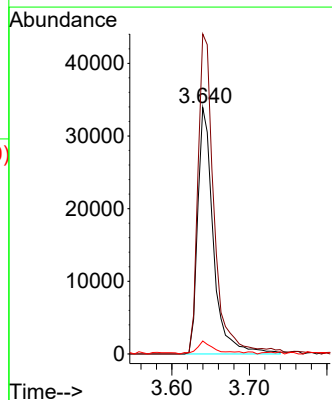
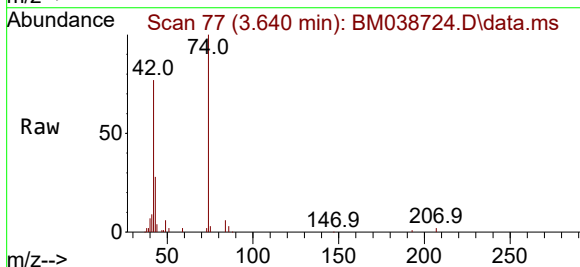
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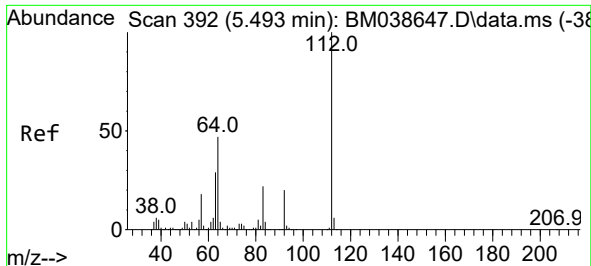
Tgt Ion: 79 Resp: 109888  
 Ion Ratio Lower Upper  
 79 100  
 52 51.6 43.7 65.5  
 51 32.7 26.6 40.0



#4  
 n-Nitrosodimethylamine  
 Concen: 37.998 ng  
 RT: 3.640 min Scan# 77  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

Tgt Ion: 42 Resp: 47545  
 Ion Ratio Lower Upper  
 42 100  
 74 129.8 98.4 147.6  
 44 5.3 3.5 5.3

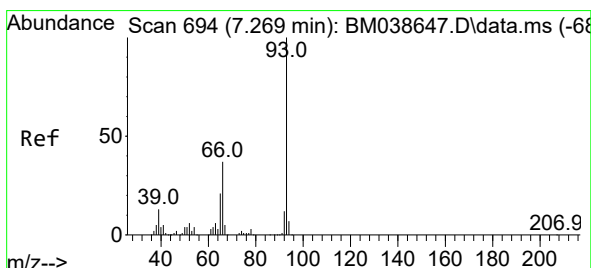
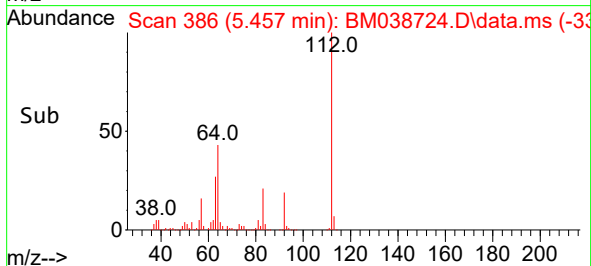
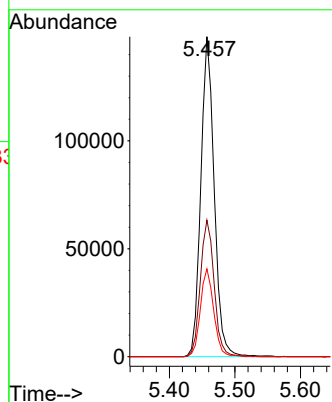
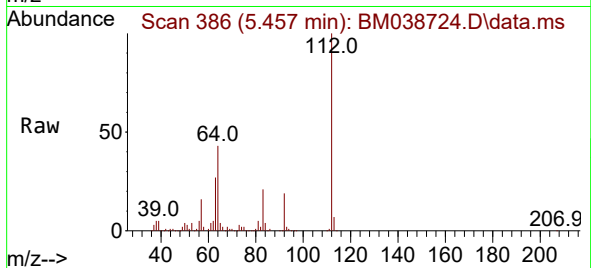




#5  
2-Fluorophenol  
Concen: 79.865 ng  
RT: 5.457 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

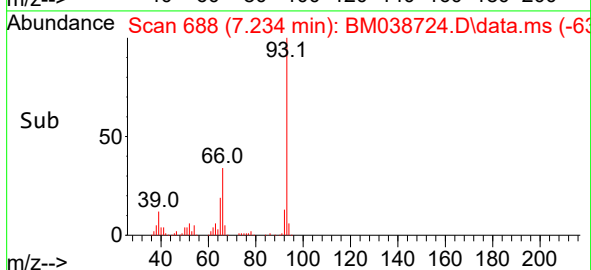
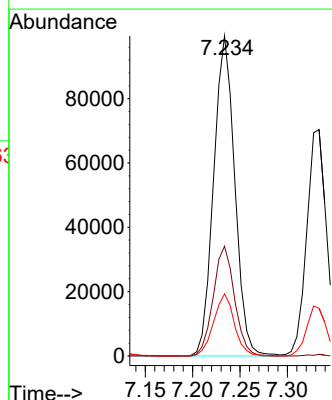
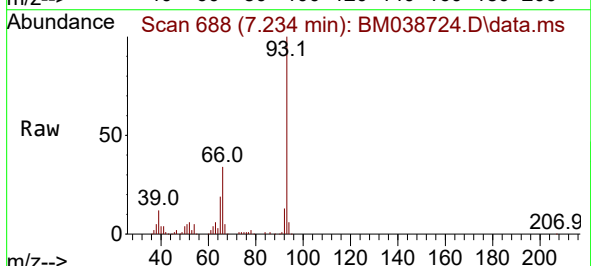
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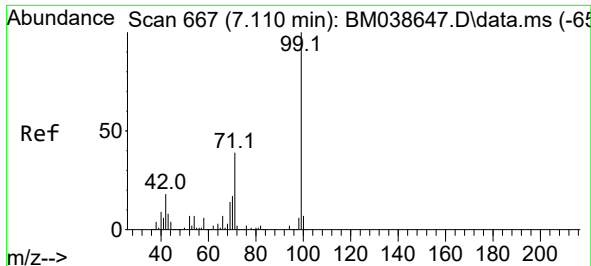
Tgt Ion:112 Resp: 211156  
Ion Ratio Lower Upper  
112 100  
64 42.6 37.9 56.9  
63 27.4 23.3 34.9



#6  
Aniline  
Concen: 40.999 ng  
RT: 7.234 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 93 Resp: 154217  
Ion Ratio Lower Upper  
93 100  
66 34.3 29.8 44.8  
65 19.4 16.9 25.3

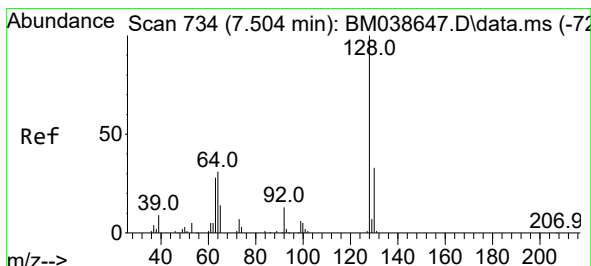
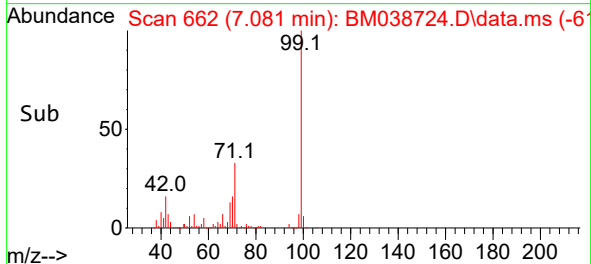
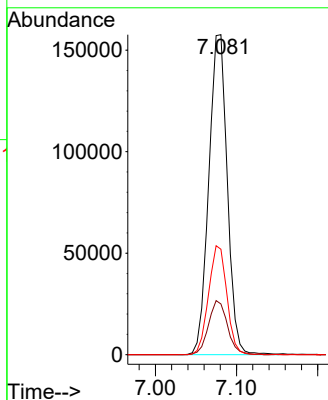
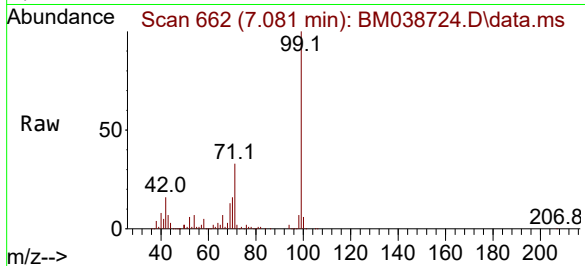




#7  
Phenol-d6  
Concen: 82.648 ng  
RT: 7.081 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

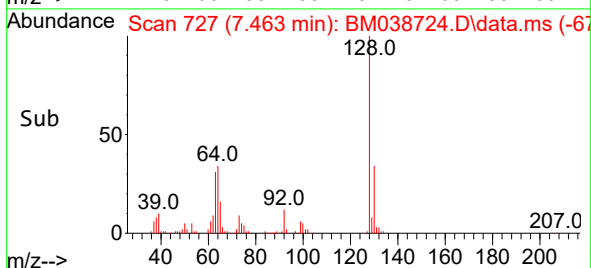
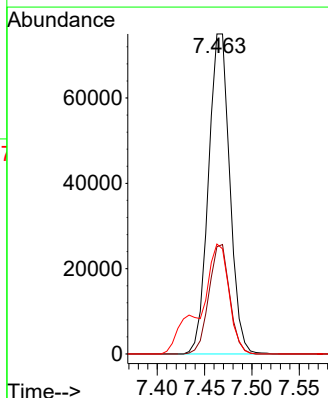
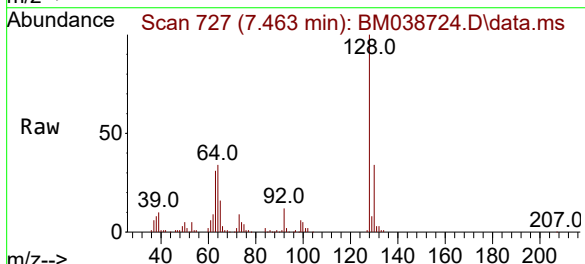
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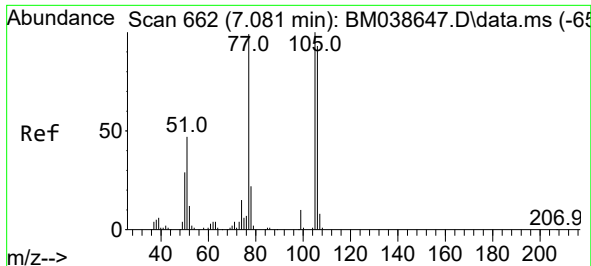
Tgt Ion: 99 Resp: 249223  
Ion Ratio Lower Upper  
99 100  
42 15.8 14.6 22.0  
71 33.0 31.0 46.4



#8  
2-Chlorophenol  
Concen: 40.650 ng  
RT: 7.463 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 128 Resp: 117274  
Ion Ratio Lower Upper  
128 100  
130 33.5 13.2 53.2  
64 34.3 17.3 57.3

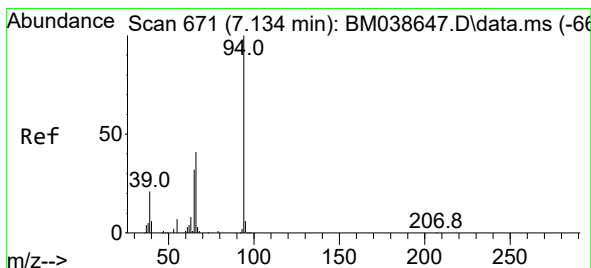
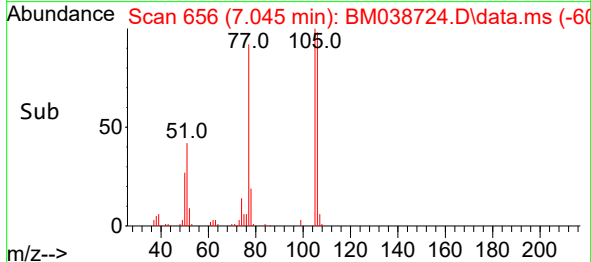
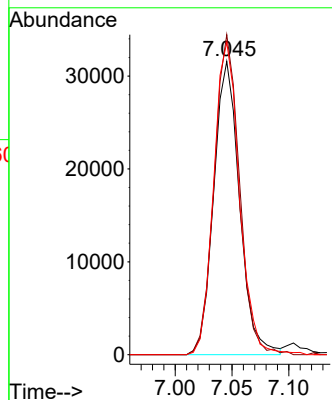
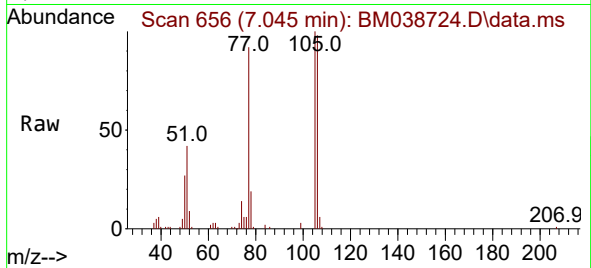




#9  
Benzaldehyde  
Concen: 37.561 ng  
RT: 7.045 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

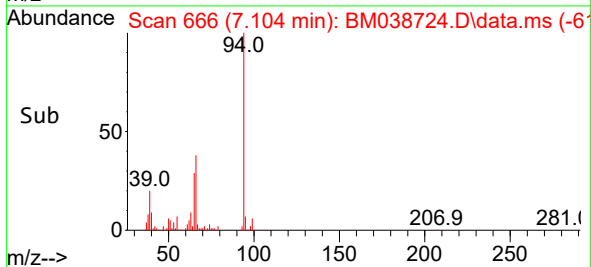
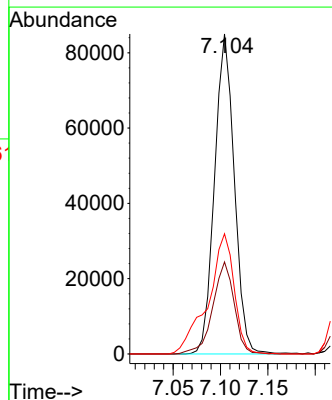
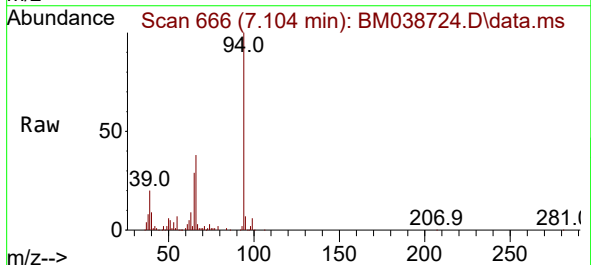
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

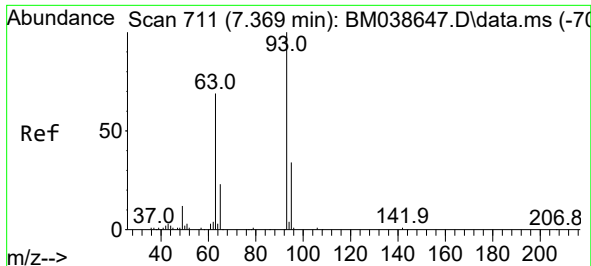
Tgt Ion: 77 Resp: 49921  
Ion Ratio Lower Upper  
77 100  
105 109.1 80.8 120.8  
106 106.5 73.8 113.8



#10  
Phenol  
Concen: 40.421 ng  
RT: 7.104 min Scan# 666  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 94 Resp: 123138  
Ion Ratio Lower Upper  
94 100  
65 28.8 12.3 52.3  
66 37.5 24.2 64.2

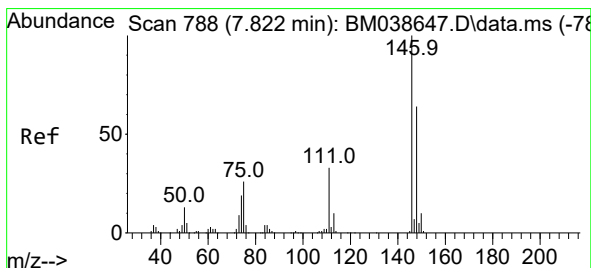
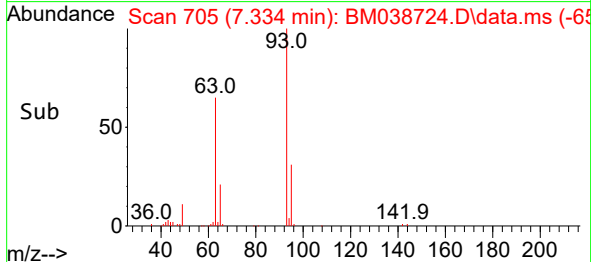
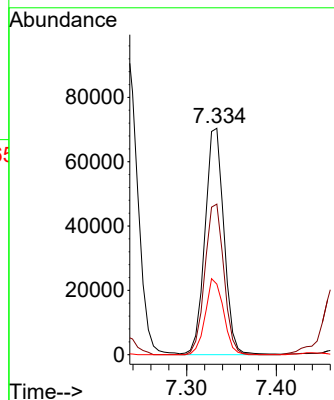
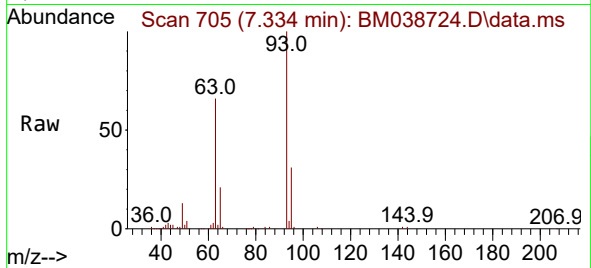




#11  
bis(2-Chloroethyl)ether  
Concen: 41.890 ng  
RT: 7.334 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

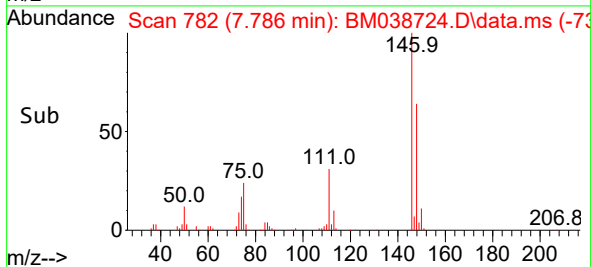
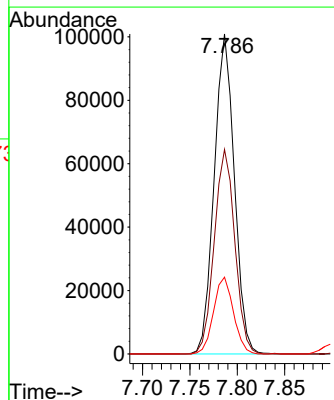
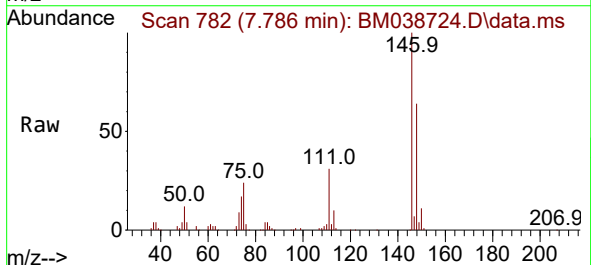
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

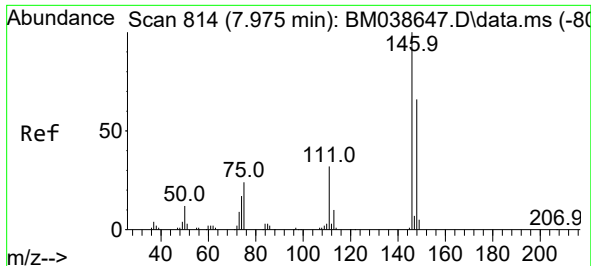
Tgt Ion: 93 Resp: 103346  
Ion Ratio Lower Upper  
93 100  
63 66.5 48.5 88.5  
95 31.2 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 40.494 ng  
RT: 7.786 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:146 Resp: 149264  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.5 77.3  
75 24.0 21.1 31.7

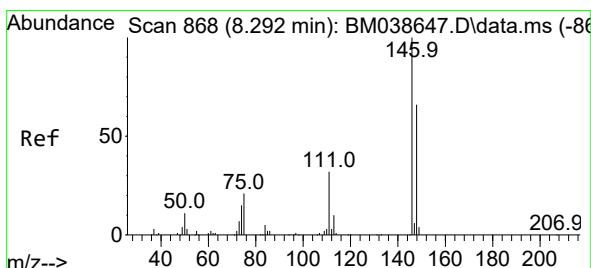
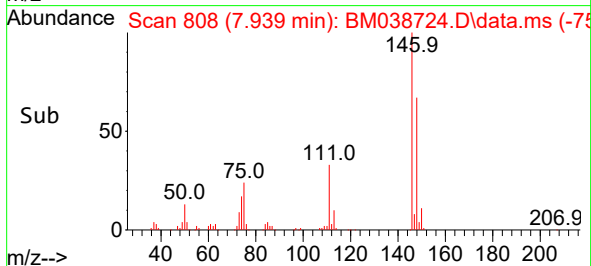
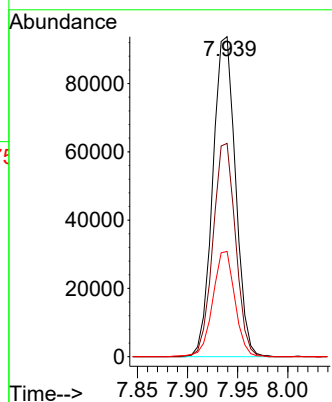
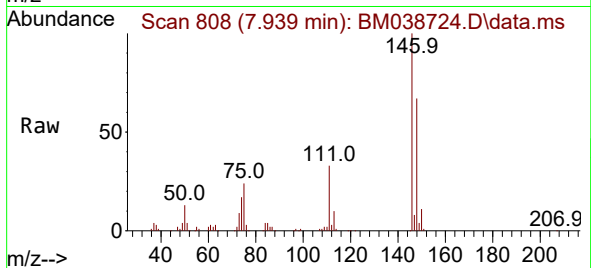




#13  
1,4-Dichlorobenzene  
Concen: 39.746 ng  
RT: 7.939 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

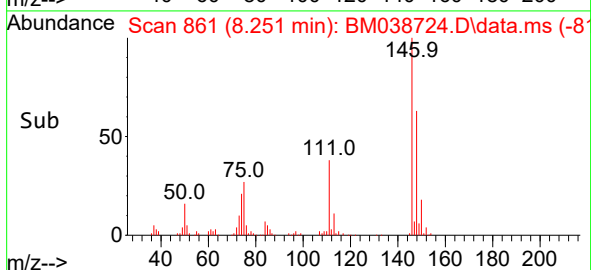
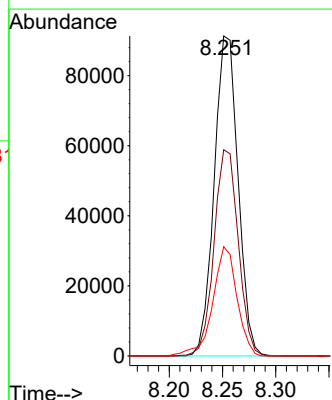
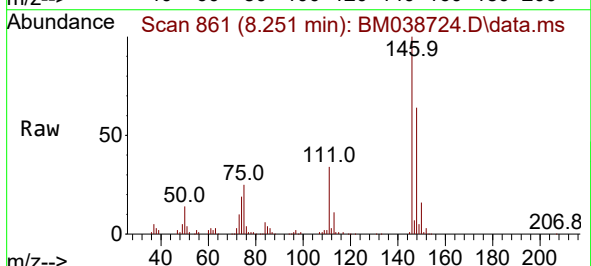
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

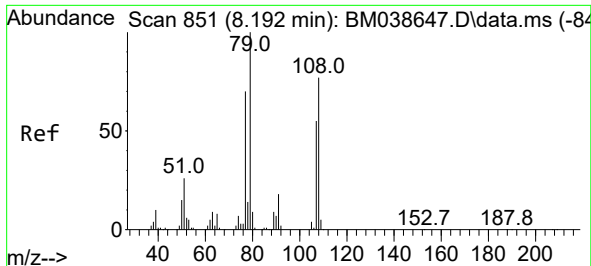
Tgt Ion:146 Resp: 147857  
Ion Ratio Lower Upper  
146 100  
148 66.6 53.1 79.7  
111 32.9 25.9 38.9



#14  
1,2-Dichlorobenzene  
Concen: 39.893 ng  
RT: 8.251 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:146 Resp: 142173  
Ion Ratio Lower Upper  
146 100  
148 64.4 52.9 79.3  
111 34.1 26.2 39.2

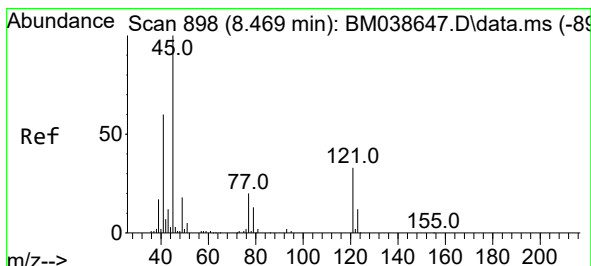
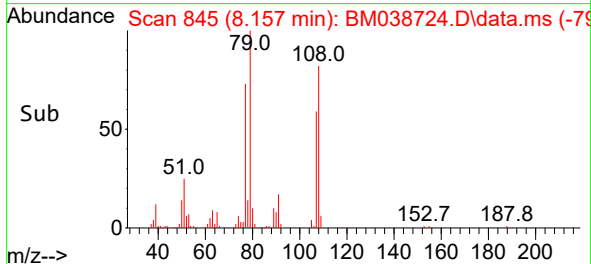
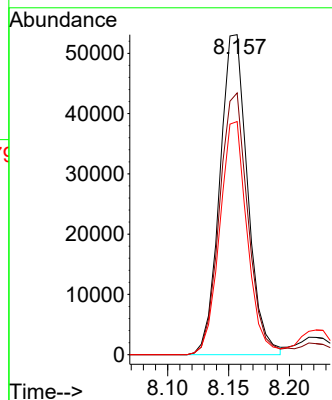
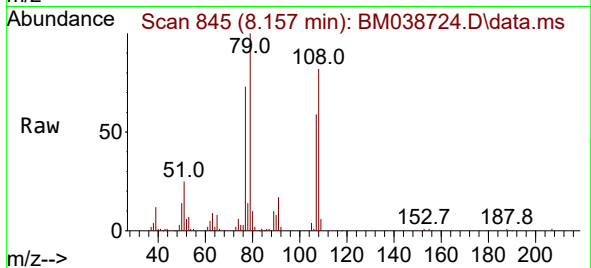




#15  
Benzyl Alcohol  
Concen: 38.036 ng  
RT: 8.157 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

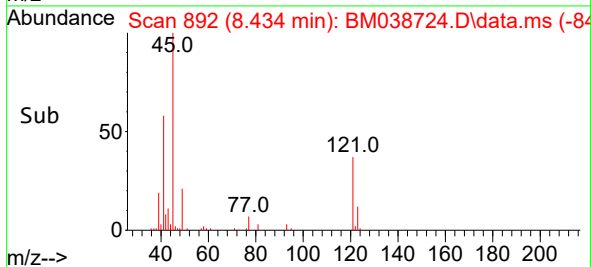
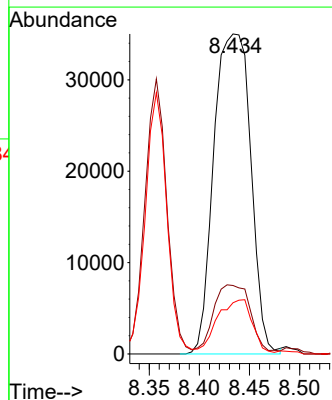
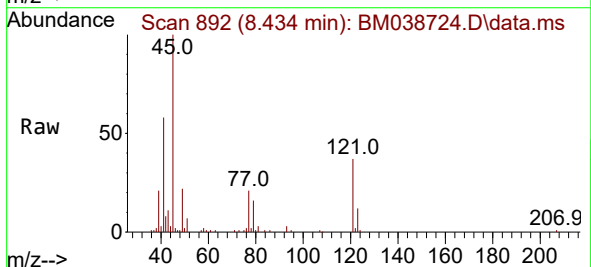
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

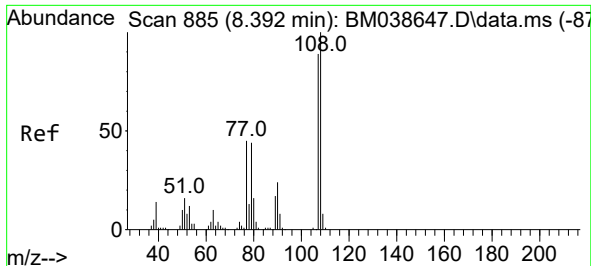
Tgt Ion: 79 Resp: 84419  
Ion Ratio Lower Upper  
79 100  
108 81.8 61.9 92.9  
77 72.8 55.8 83.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.385 ng  
RT: 8.434 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 45 Resp: 89700  
Ion Ratio Lower Upper  
45 100  
77 21.4 1.1 41.1  
79 16.0 0.0 34.6

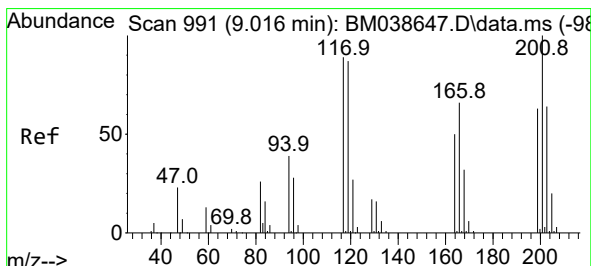
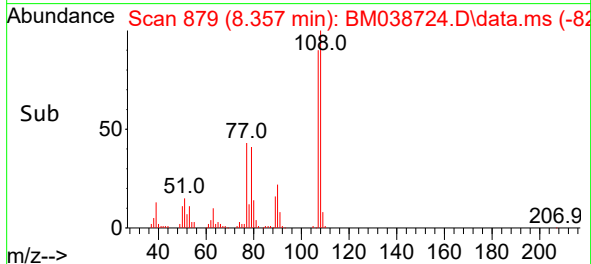
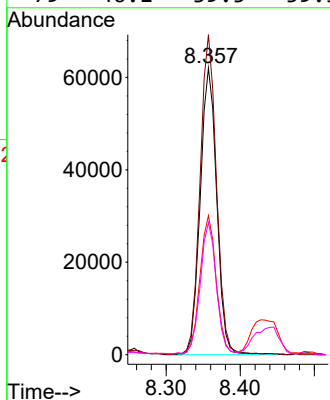
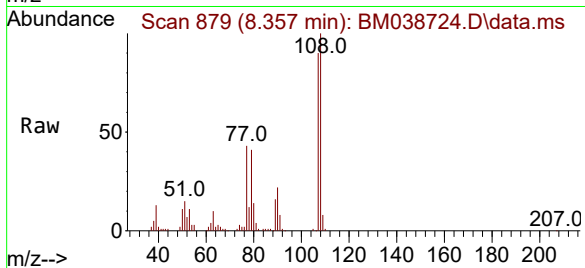




#17  
2-Methylphenol  
Concen: 41.088 ng  
RT: 8.357 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

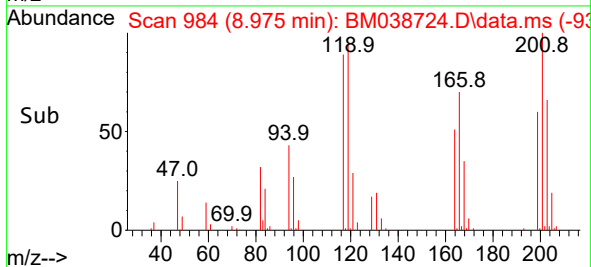
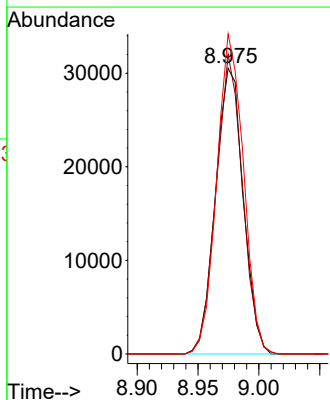
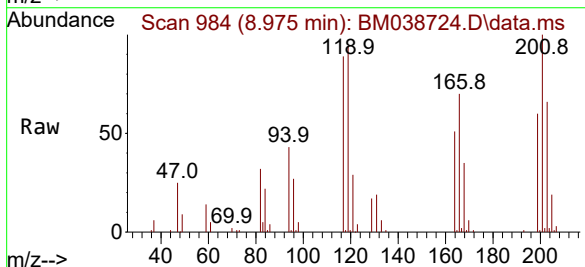
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

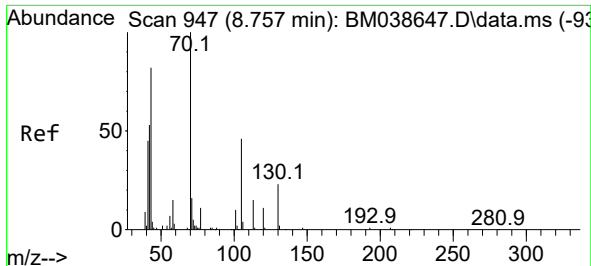
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 96010 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.6 | 89.6  | 134.4 |
| 77       | 48.5  | 40.7  | 61.1  |
| 79       | 46.1  | 39.5  | 59.3  |



#18  
Hexachloroethane  
Concen: 40.374 ng  
RT: 8.975 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 48505 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 104.8 | 78.6  | 117.8 |
| 201      | 112.0 | 90.2  | 135.2 |

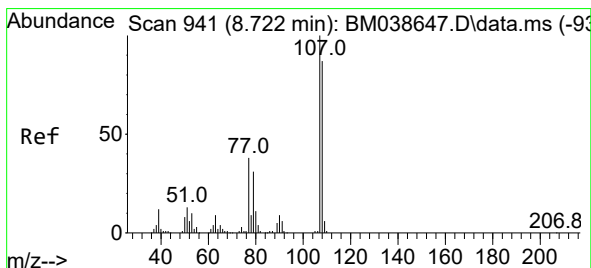
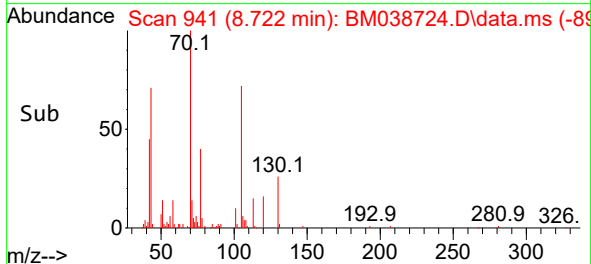
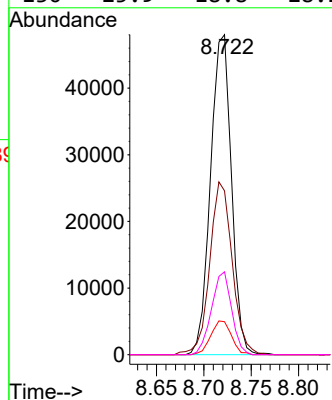
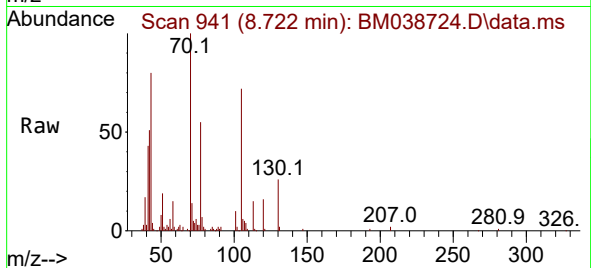




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.520 ng  
RT: 8.722 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

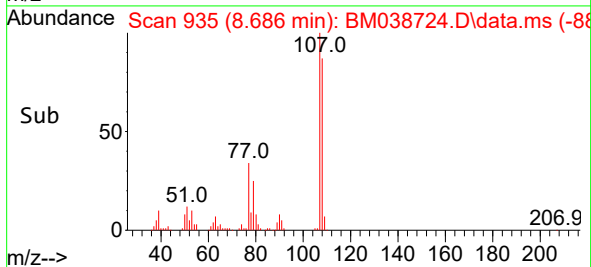
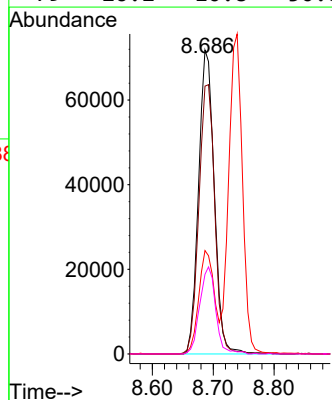
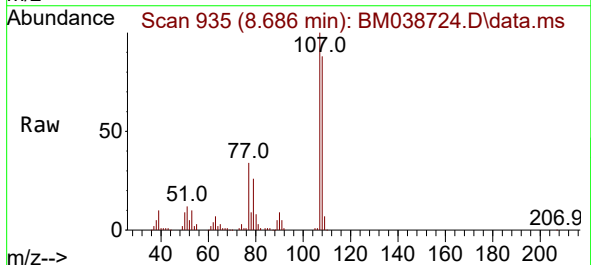
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

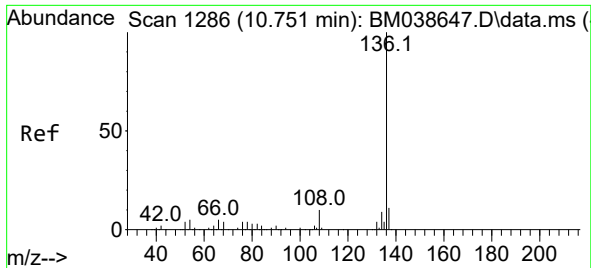
Tgt Ion: 70 Resp: 73650  
Ion Ratio Lower Upper  
70 100  
42 51.2 43.4 65.2  
101 10.3 8.2 12.2  
130 25.9 18.8 28.2



#20  
3+4-Methylphenols  
Concen: 41.407 ng  
RT: 8.686 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 107 Resp: 129002  
Ion Ratio Lower Upper  
107 100  
108 88.1 67.2 107.2  
77 34.0 17.5 57.5  
79 26.2 10.8 50.8

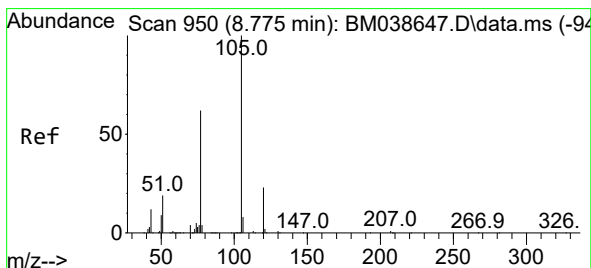
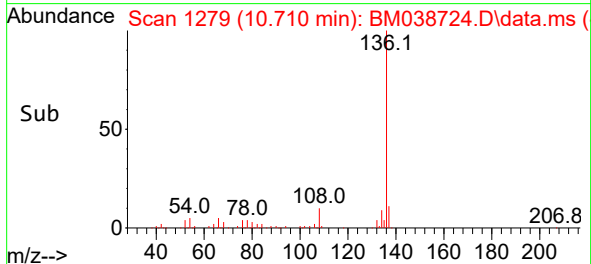
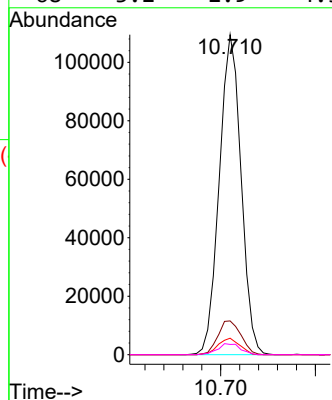
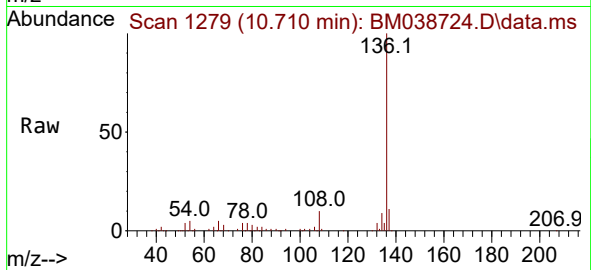




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

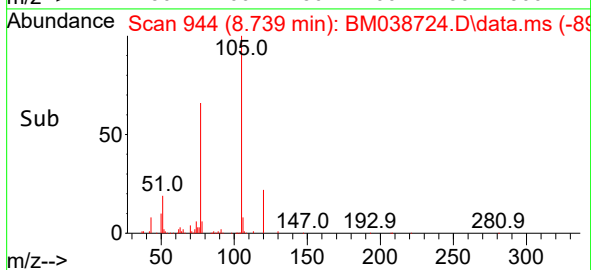
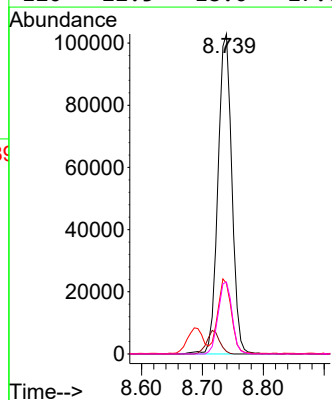
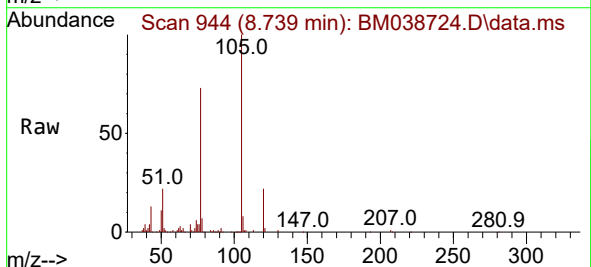
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

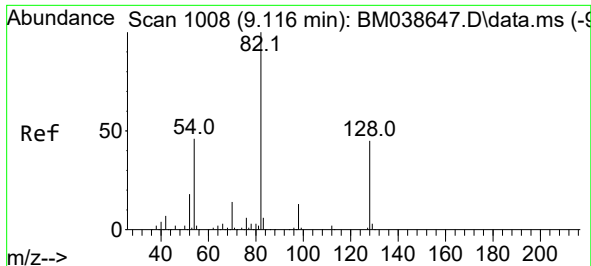
Tgt Ion:136 Resp: 174812  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 5.1 4.2 6.4  
68 3.2 2.9 4.3



#22  
Acetophenone  
Concen: 38.994 ng  
RT: 8.739 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:105 Resp: 162562  
Ion Ratio Lower Upper  
105 100  
71 0.8 0.9 1.3#  
51 22.0 19.3 28.9  
120 22.5 18.0 27.0

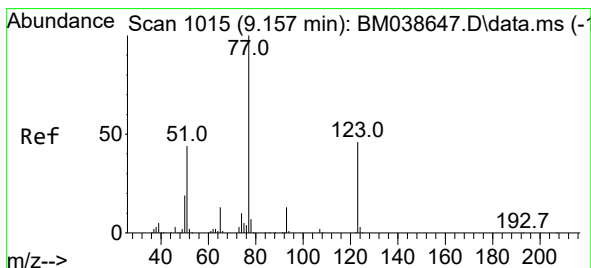
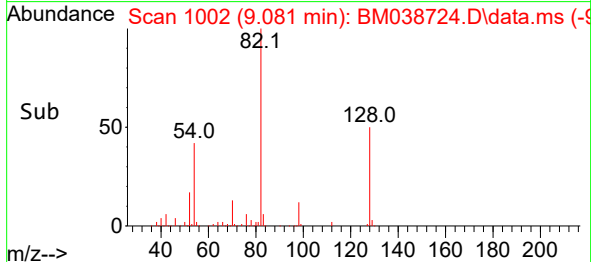
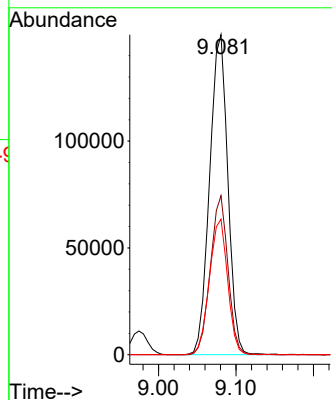
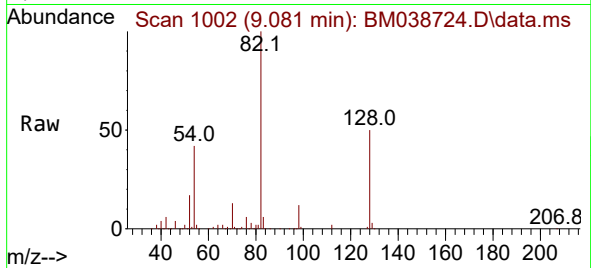




#23  
Nitrobenzene-d5  
Concen: 79.410 ng  
RT: 9.081 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

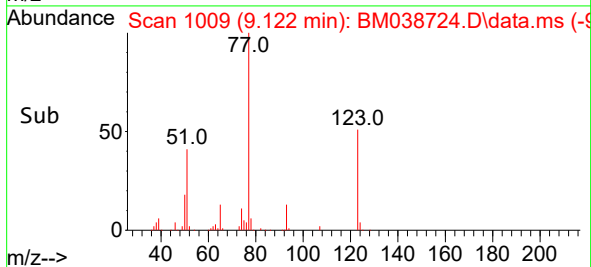
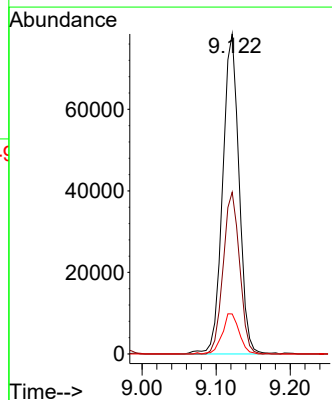
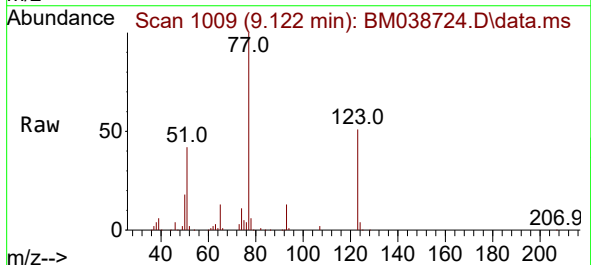
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BNA\_M  
ClientSampleId :  
SSTDCCC040

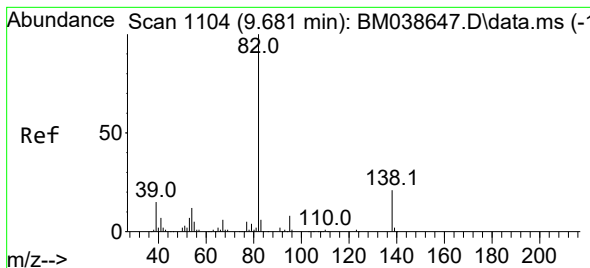
Tgt Ion: 82 Resp: 244396  
Ion Ratio Lower Upper  
82 100  
128 49.7 36.0 54.0  
54 42.4 36.8 55.2



#24  
Nitrobenzene  
Concen: 38.688 ng  
RT: 9.122 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 77 Resp: 120855  
Ion Ratio Lower Upper  
77 100  
123 50.6 36.5 54.7  
65 12.5 10.7 16.1





#25

Isophorone

Concen: 38.244 ng

RT: 9.645 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

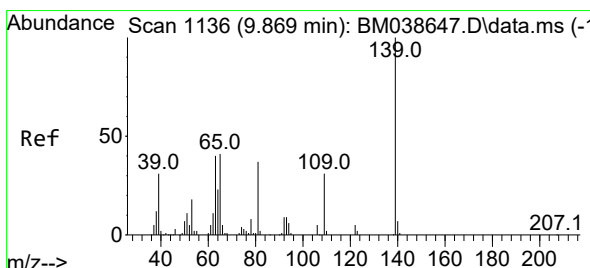
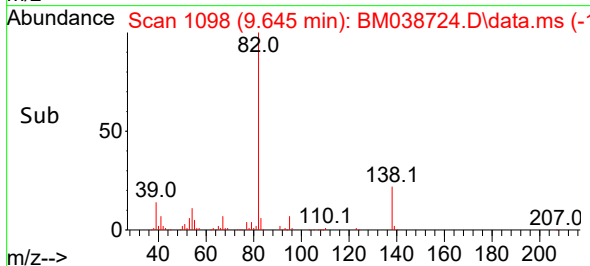
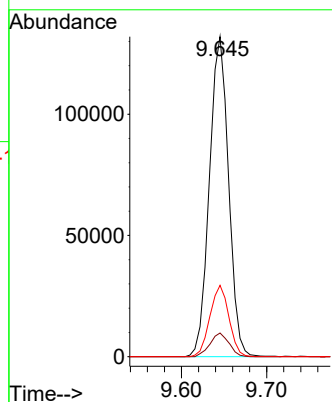
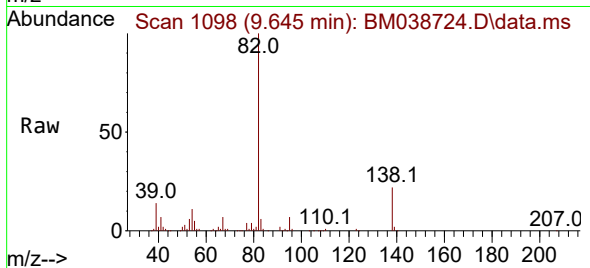
Tgt Ion: 82 Resp: 206192

Ion Ratio Lower Upper

82 100

95 7.4 6.4 9.6

138 22.3 17.0 25.6



#26

2-Nitrophenol

Concen: 41.883 ng

RT: 9.828 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

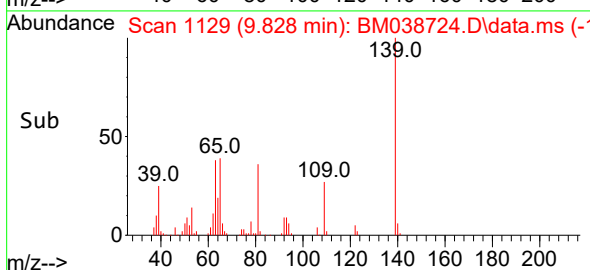
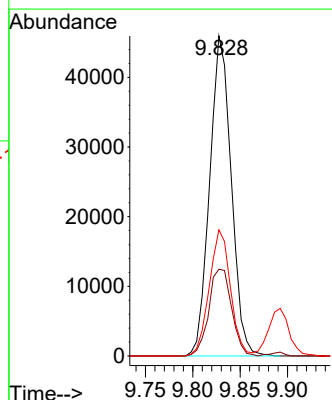
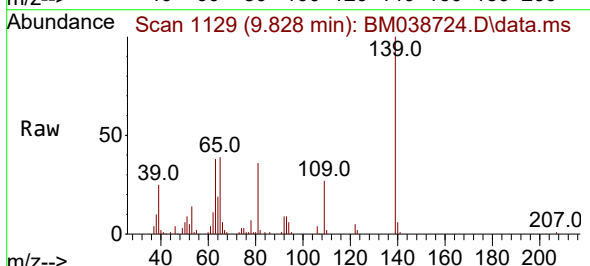
Tgt Ion: 139 Resp: 72804

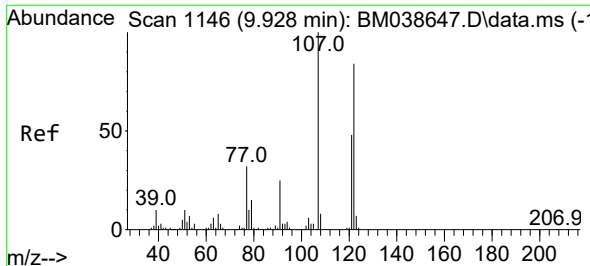
Ion Ratio Lower Upper

139 100

109 27.1 24.5 36.7

65 39.4 32.6 49.0

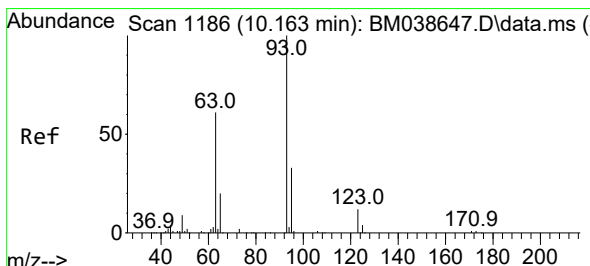
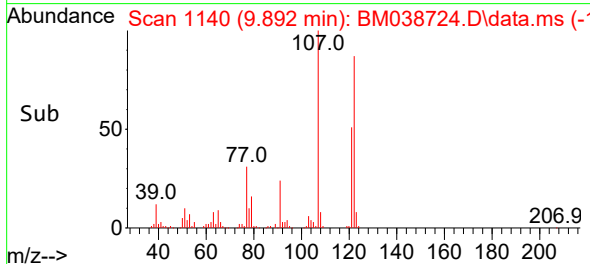
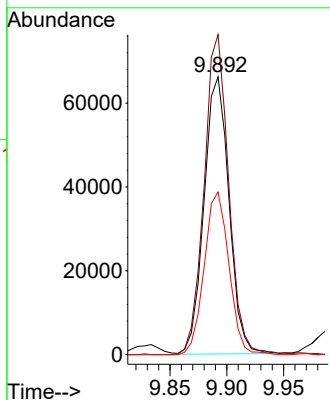
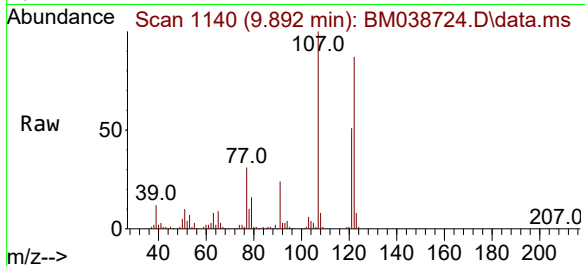




#27  
2,4-Dimethylphenol  
Concen: 40.271 ng  
RT: 9.892 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

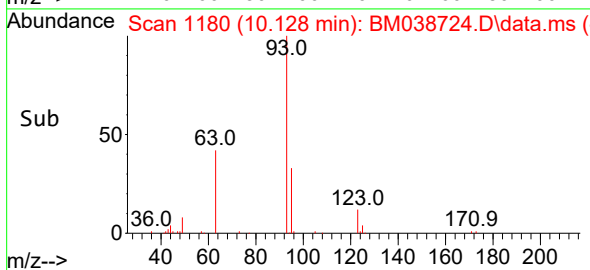
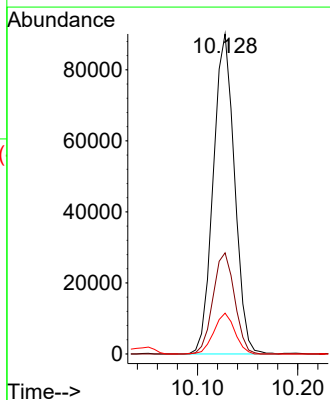
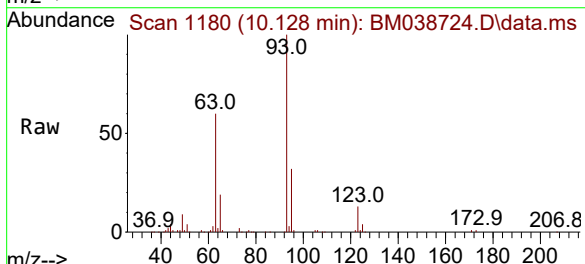
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

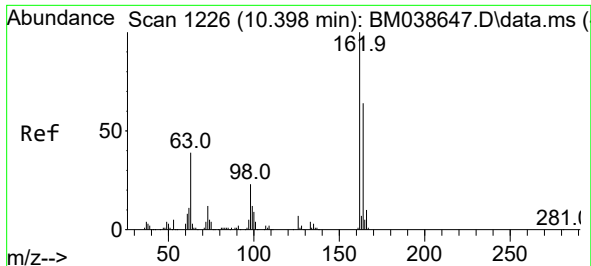
Tgt Ion:122 Resp: 100999  
Ion Ratio Lower Upper  
122 100  
107 115.1 94.9 142.3  
121 58.6 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.257 ng  
RT: 10.128 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion: 93 Resp: 132641  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.6 40.0  
123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 38.381 ng

RT: 10.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

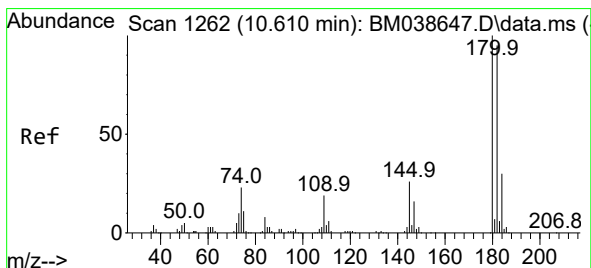
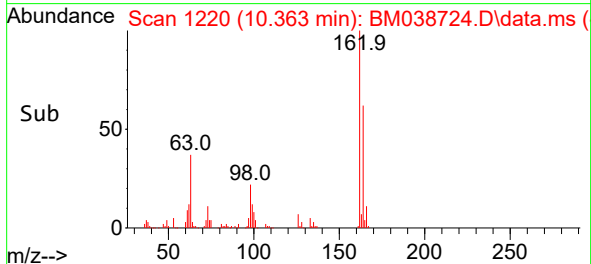
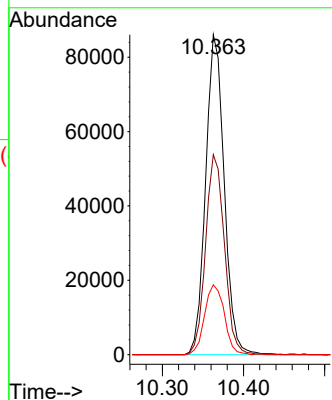
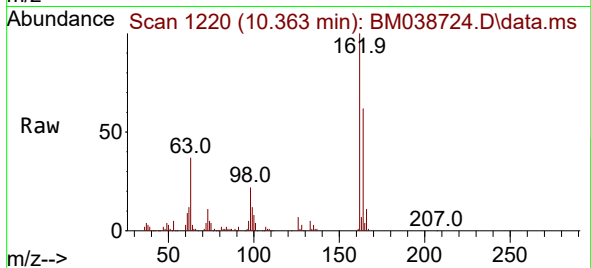
Tgt Ion:162 Resp: 136756

Ion Ratio Lower Upper

162 100

164 62.5 44.3 84.3

98 21.9 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 36.551 ng

RT: 10.569 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

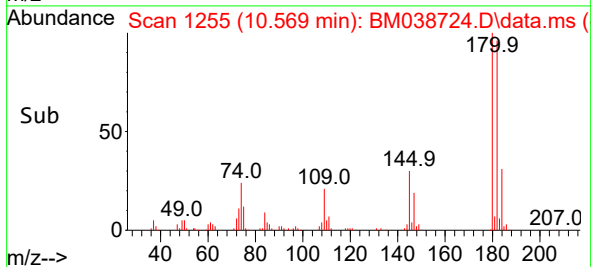
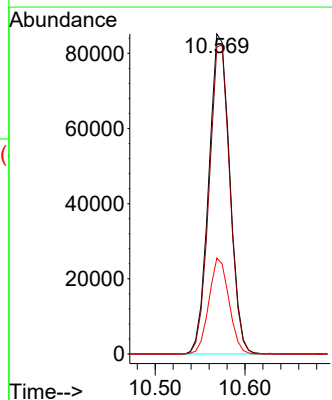
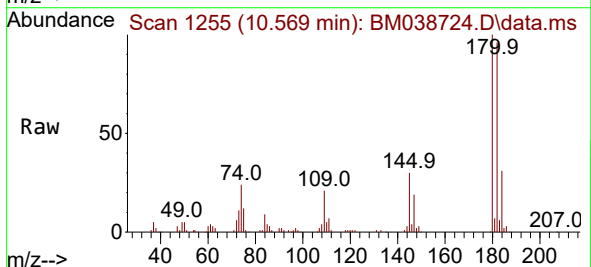
Tgt Ion:180 Resp: 138533

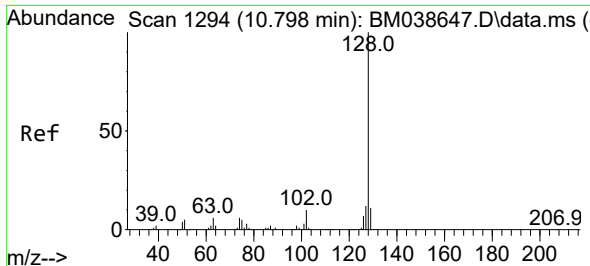
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 30.0 20.8 31.2

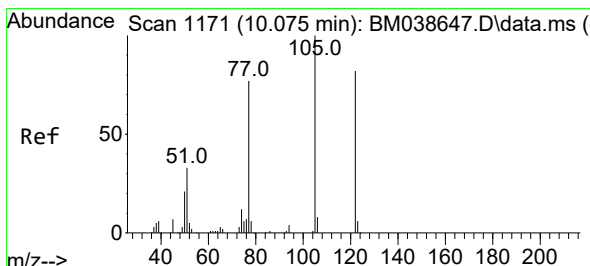
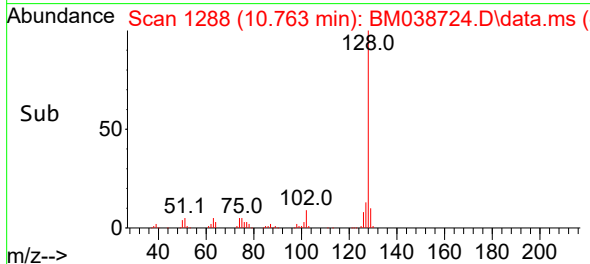
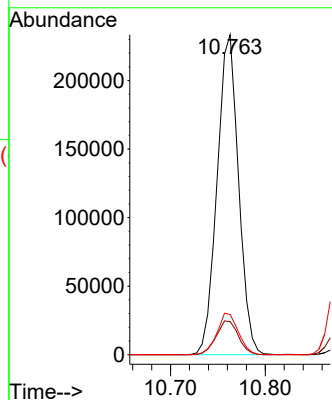
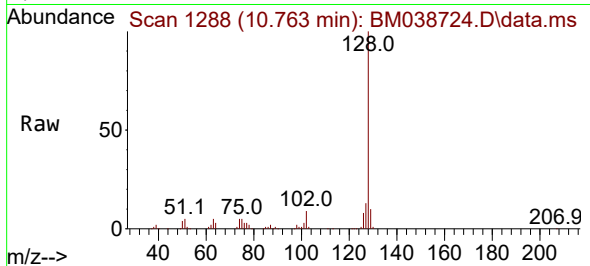




#31  
Naphthalene  
Concen: 40.958 ng  
RT: 10.763 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

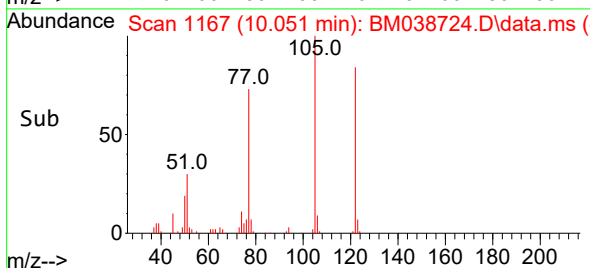
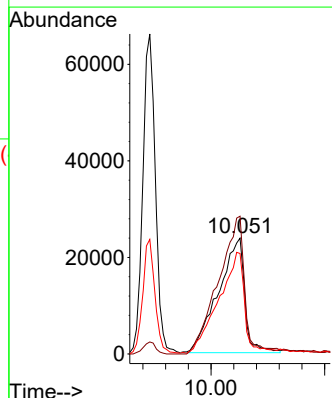
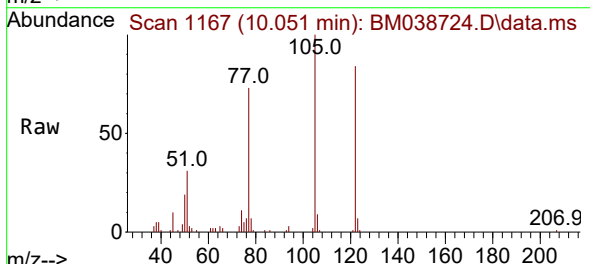
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

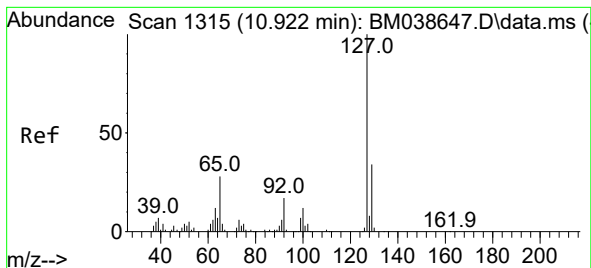
Tgt Ion:128 Resp: 367421  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.1 13.7  
127 12.5 9.9 14.9



#32  
Benzoic acid  
Concen: 37.630 ng  
RT: 10.051 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:122 Resp: 76395  
Ion Ratio Lower Upper  
122 100  
105 119.0 99.2 139.2  
77 86.7 72.3 112.3





#33

4-Chloroaniline

Concen: 40.701 ng

RT: 10.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 160014

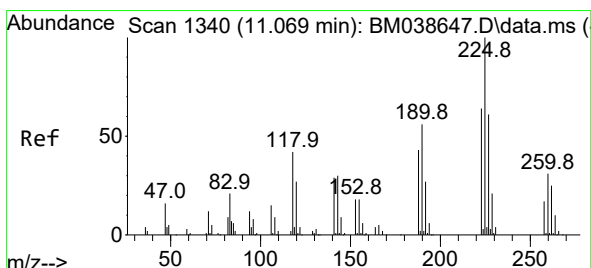
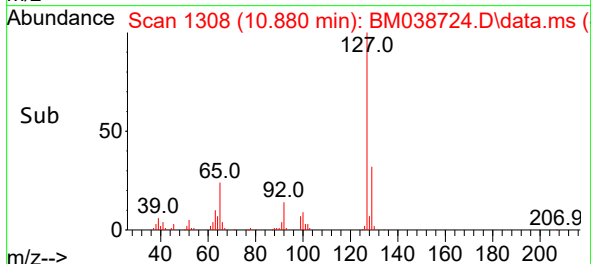
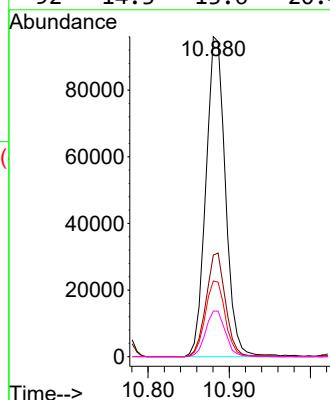
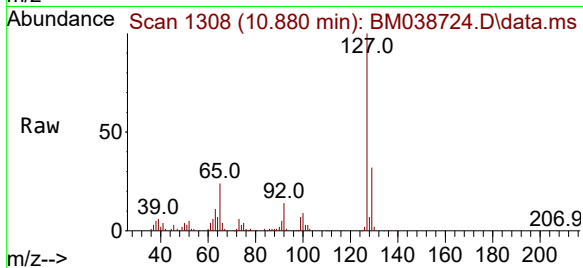
Ion Ratio Lower Upper

127 100

129 31.8 27.1 40.7

65 23.6 22.2 33.4

92 14.3 13.6 20.4



#34

Hexachlorobutadiene

Concen: 36.223 ng

RT: 11.033 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

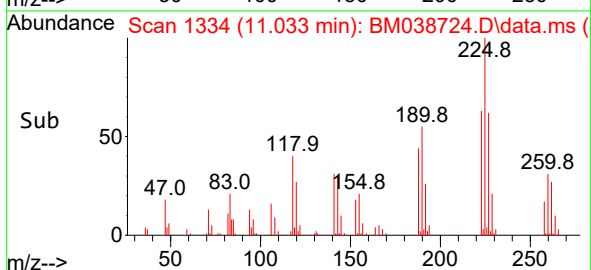
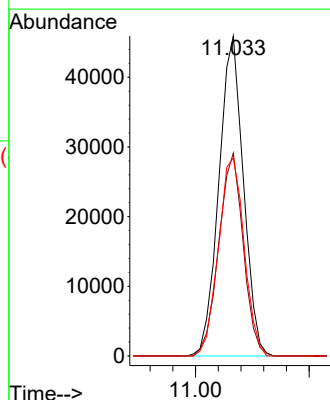
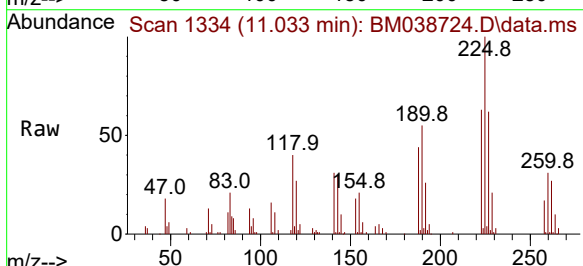
Tgt Ion:225 Resp: 68774

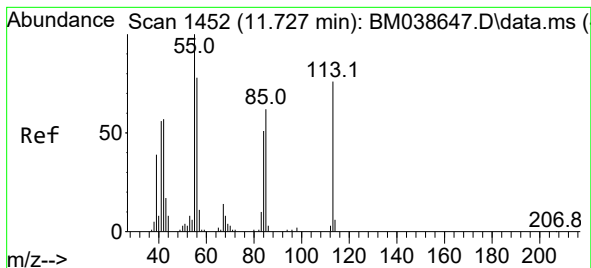
Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.4

227 61.9 49.2 73.8





#35

Caprolactam

Concen: 39.166 ng

RT: 11.686 min Scan# 14

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

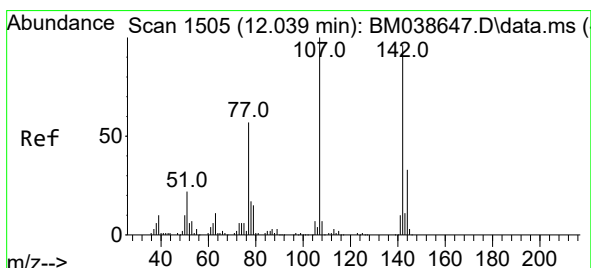
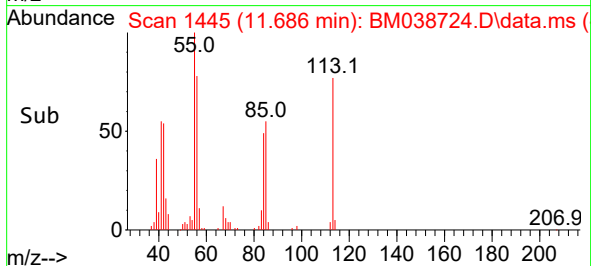
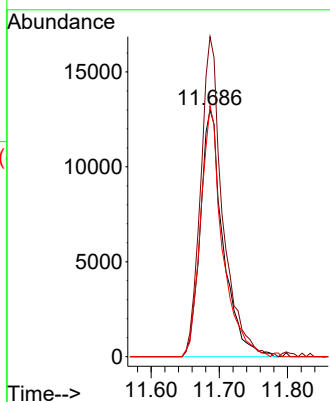
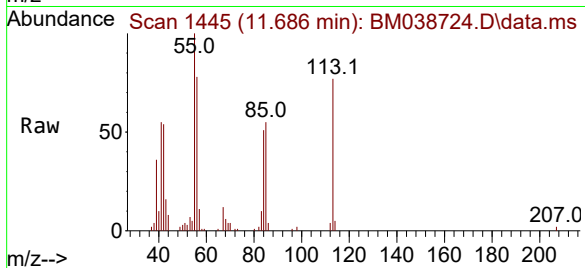
Tgt Ion:113 Resp: 30055

Ion Ratio Lower Upper

113 100

55 129.8 111.2 151.2

56 101.8 82.0 122.0



#36

4-Chloro-3-methylphenol

Concen: 38.589 ng

RT: 12.010 min Scan# 1500

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

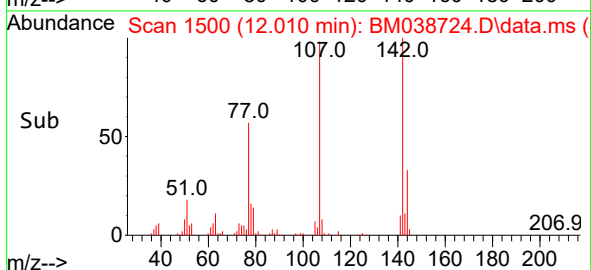
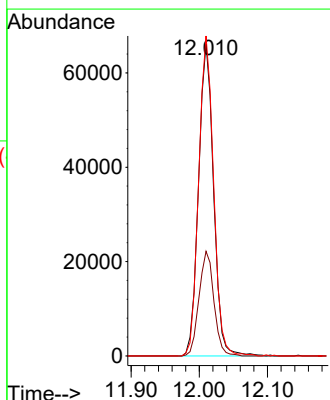
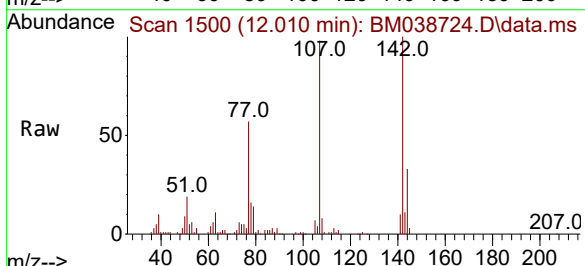
Tgt Ion:107 Resp: 101670

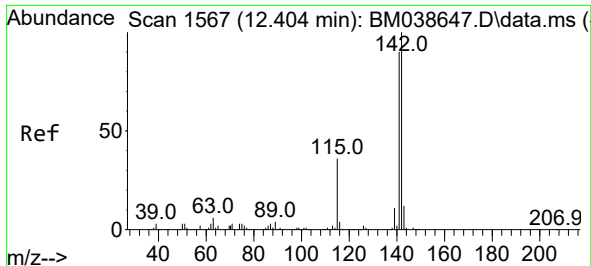
Ion Ratio Lower Upper

107 100

144 33.5 26.5 39.7

142 102.5 77.0 115.6





#37

2-Methylnaphthalene

Concen: 40.127 ng

RT: 12.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

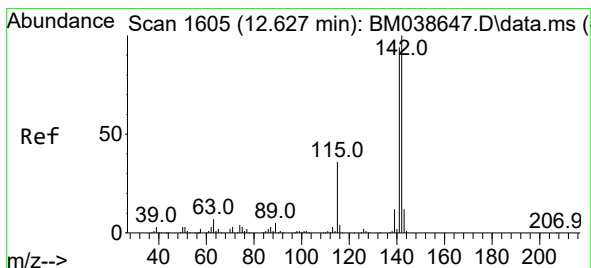
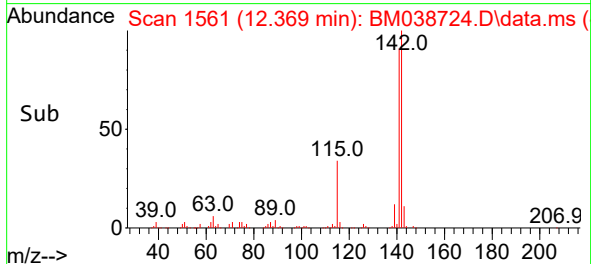
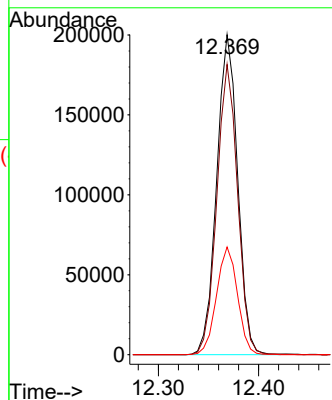
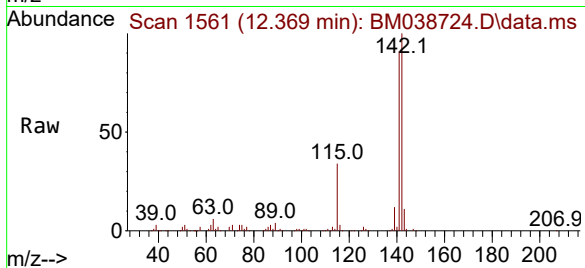
Tgt Ion:142 Resp: 290891

Ion Ratio Lower Upper

142 100

141 90.7 71.8 107.8

115 33.6 28.7 43.1



#38

1-Methylnaphthalene

Concen: 39.933 ng

RT: 12.586 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

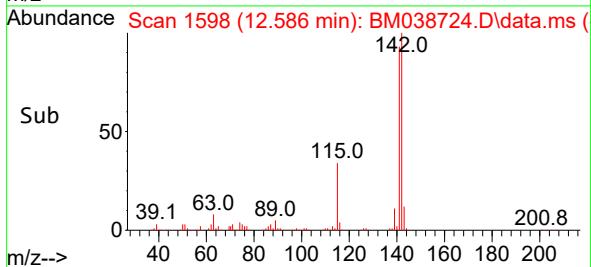
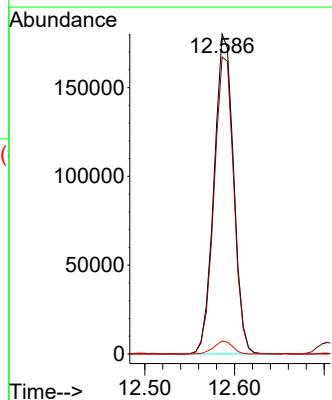
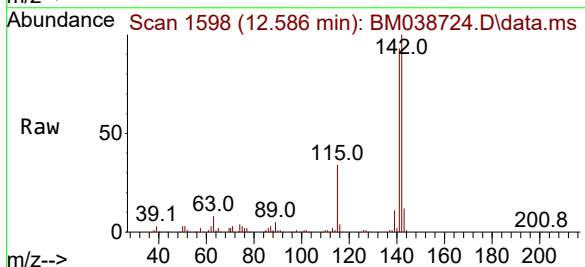
Tgt Ion:142 Resp: 272773

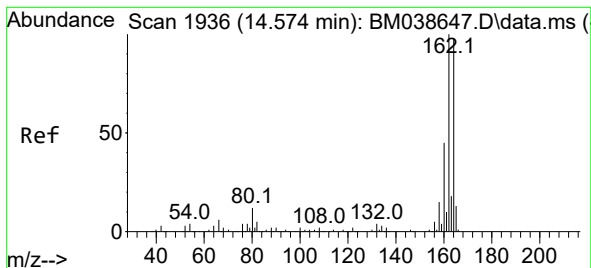
Ion Ratio Lower Upper

142 100

141 92.8 75.5 113.3

116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

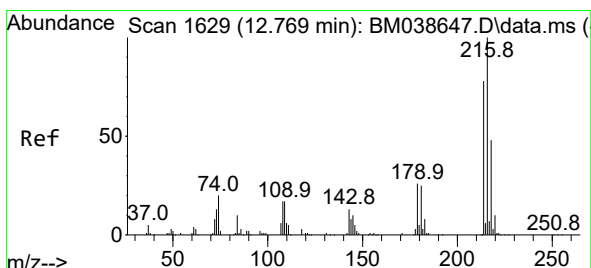
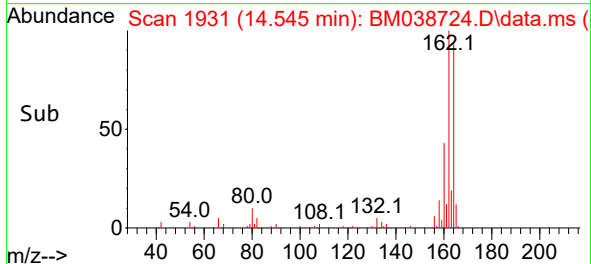
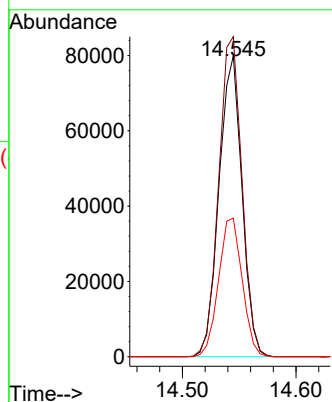
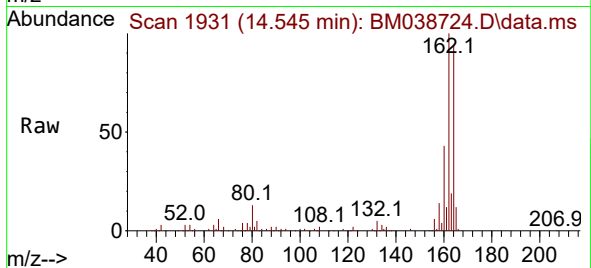
Tgt Ion:164 Resp: 112108

Ion Ratio Lower Upper

164 100

162 106.3 81.4 122.0

160 46.0 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.317 ng

RT: 12.733 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Tgt Ion:216 Resp: 117631

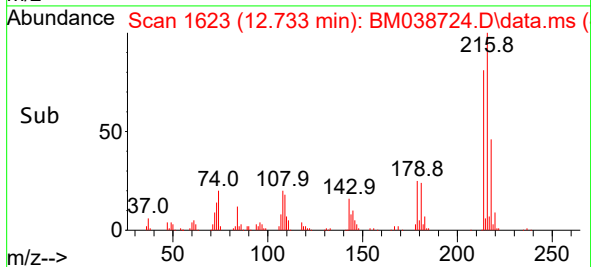
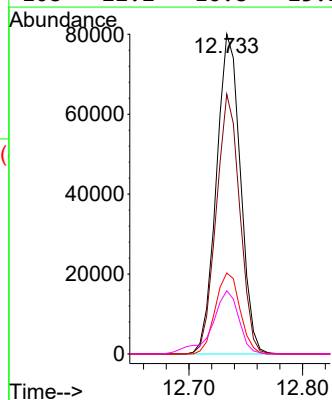
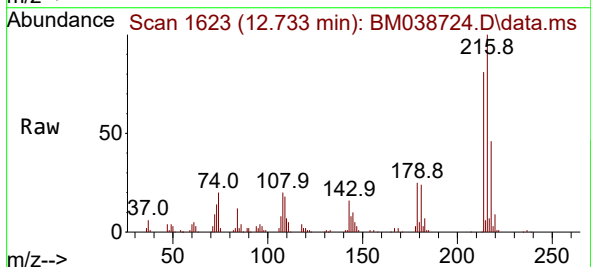
Ion Ratio Lower Upper

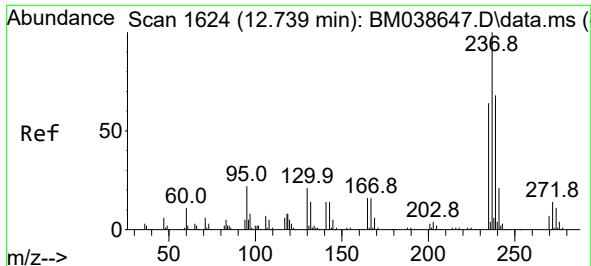
216 100

214 79.5 63.4 95.0

179 26.0 21.0 31.4

108 22.2 16.8 25.2

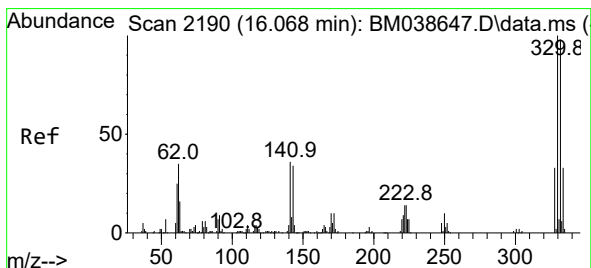
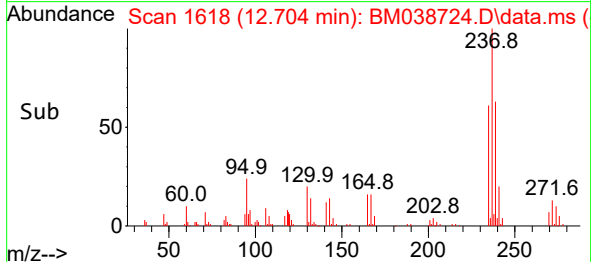
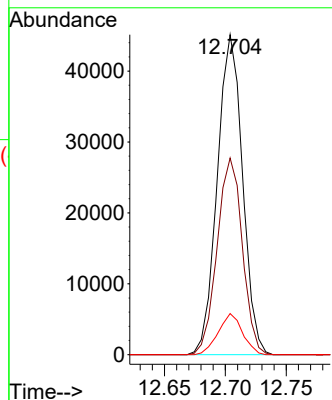
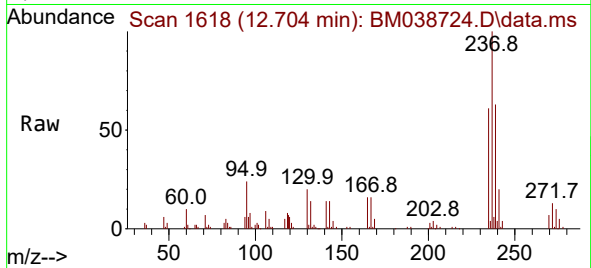




#41  
Hexachlorocyclopentadiene  
Concen: 35.964 ng  
RT: 12.704 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

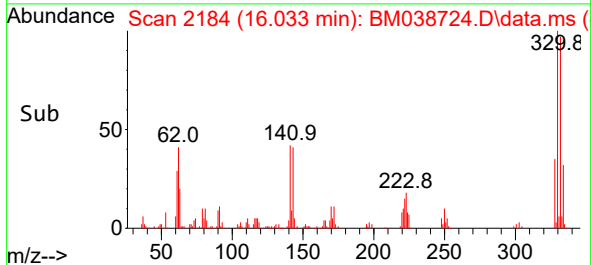
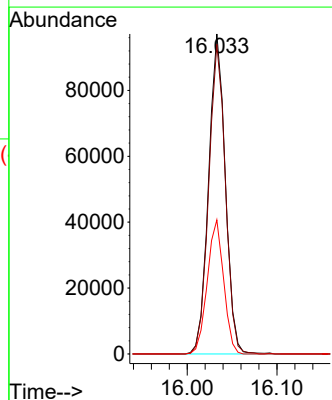
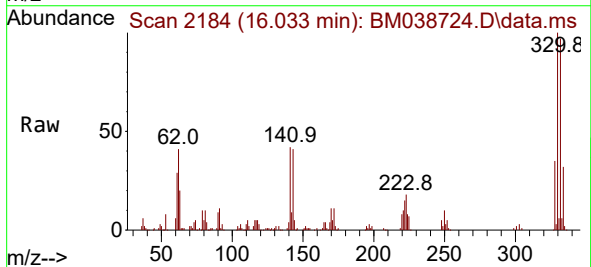
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

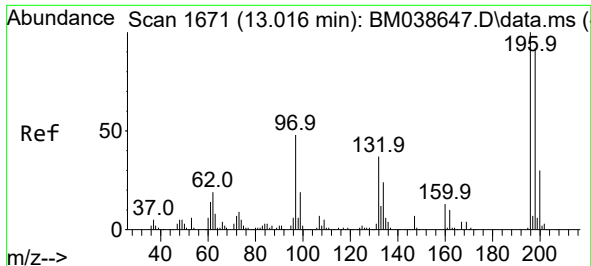
Tgt Ion:237 Resp: 65112  
Ion Ratio Lower Upper  
237 100  
235 61.4 43.8 83.8  
272 12.9 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 82.466 ng  
RT: 16.033 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:330 Resp: 125661  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.6  
141 41.0 31.0 46.6

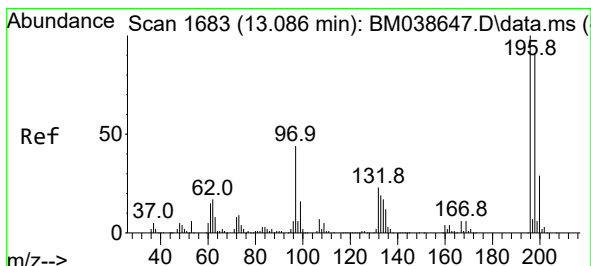
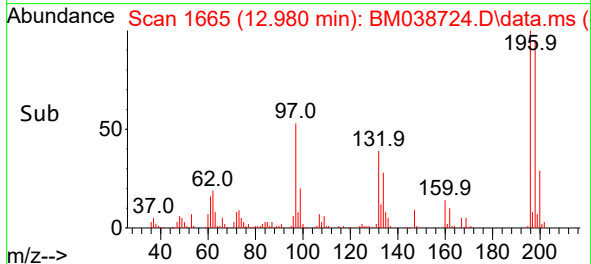
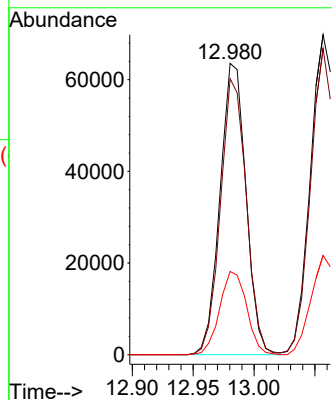
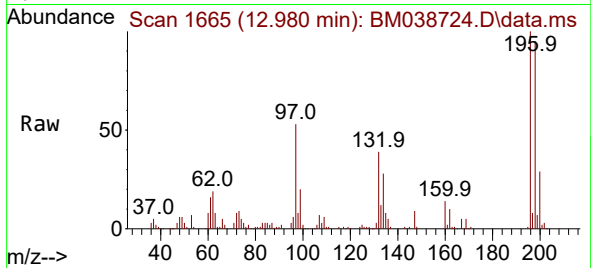




#43  
2,4,6-Trichlorophenol  
Concen: 41.197 ng  
RT: 12.980 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

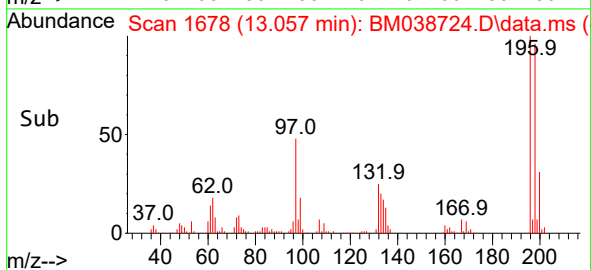
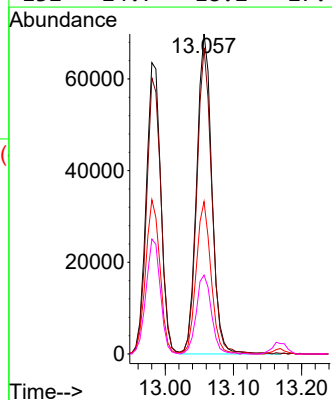
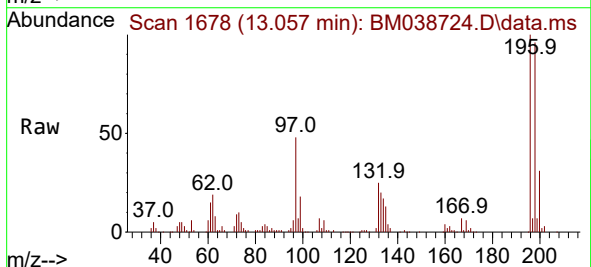
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

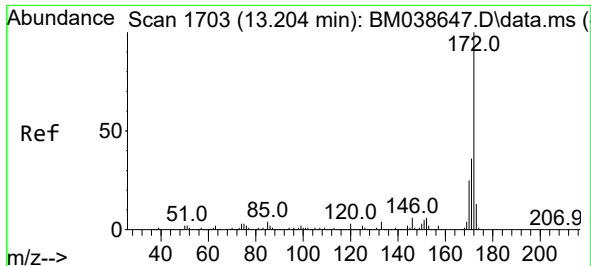
Tgt Ion:196 Resp: 94429  
Ion Ratio Lower Upper  
196 100  
198 94.8 73.7 110.5  
200 28.6 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 40.039 ng  
RT: 13.057 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:196 Resp: 107998  
Ion Ratio Lower Upper  
196 100  
198 95.7 73.1 109.7  
97 47.6 35.5 53.3  
132 24.7 18.2 27.4

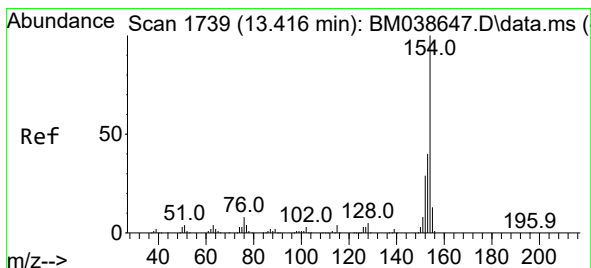
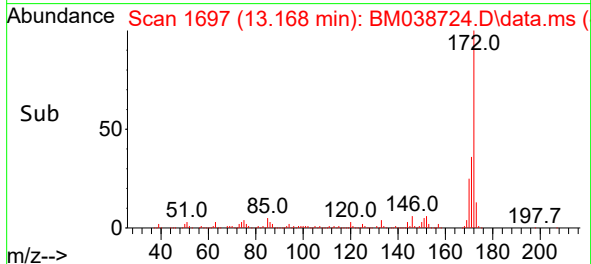
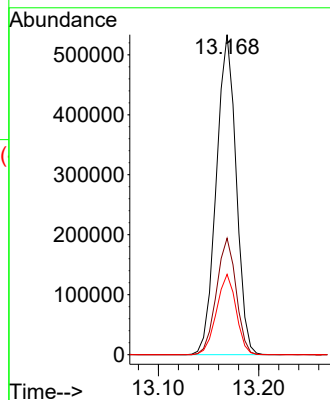
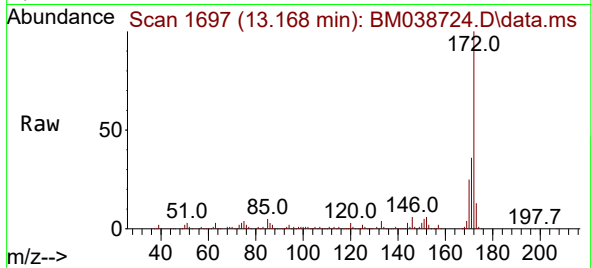




#45  
2-Fluorobiphenyl  
Concen: 83.160 ng  
RT: 13.168 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

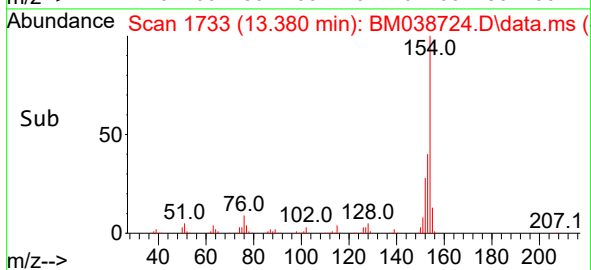
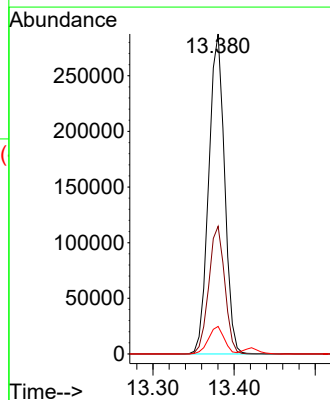
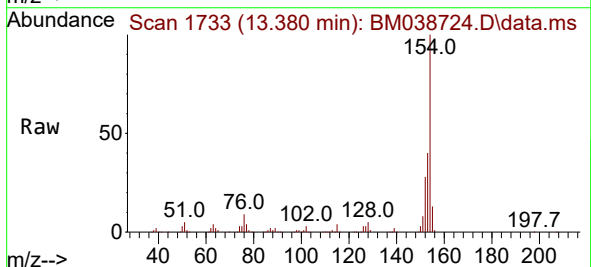
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

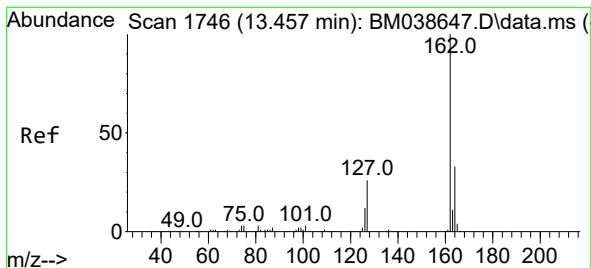
Tgt Ion:172 Resp: 732302  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.7 43.1  
170 25.1 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 43.836 ng  
RT: 13.380 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:154 Resp: 389290  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.9 59.9  
76 8.6 0.0 27.9





#47

2-Chloronaphthalene

Concen: 42.443 ng

RT: 13.421 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

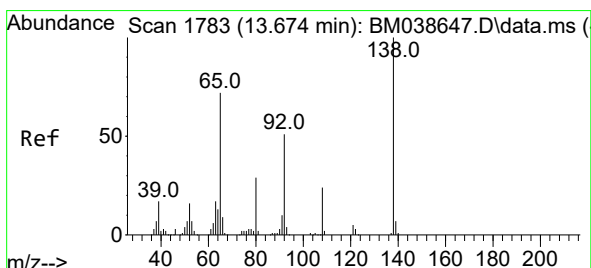
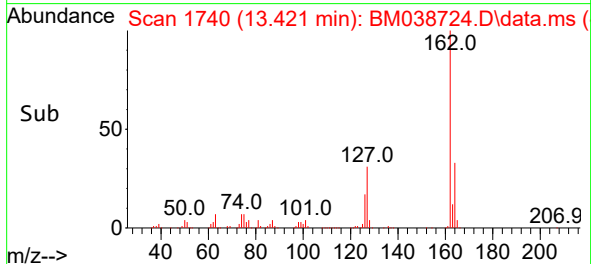
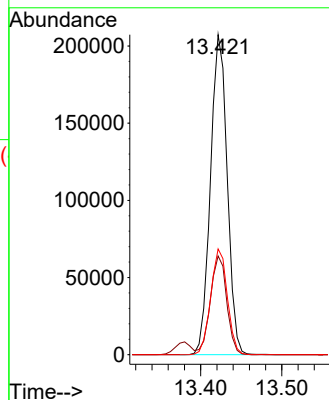
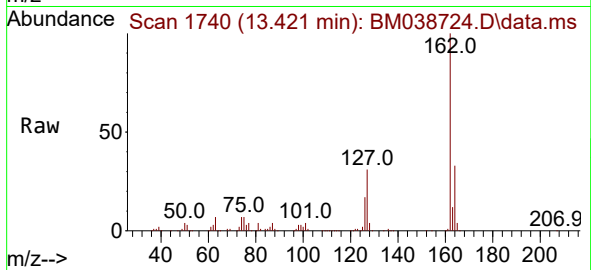
Tgt Ion:162 Resp: 296589

Ion Ratio Lower Upper

162 100

127 30.9 23.6 35.4

164 33.1 26.7 40.1



#48

2-Nitroaniline

Concen: 39.814 ng

RT: 13.639 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

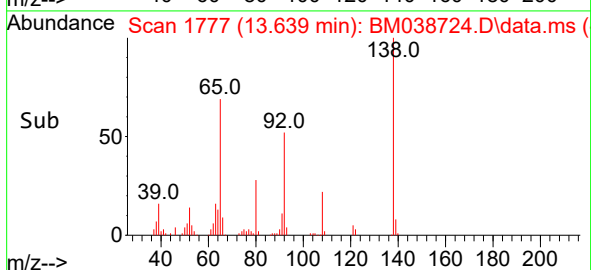
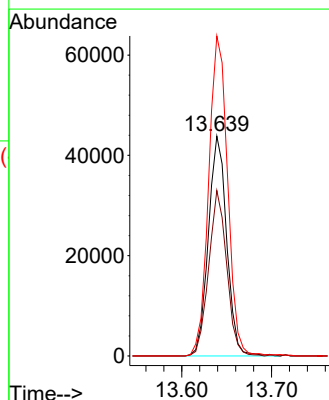
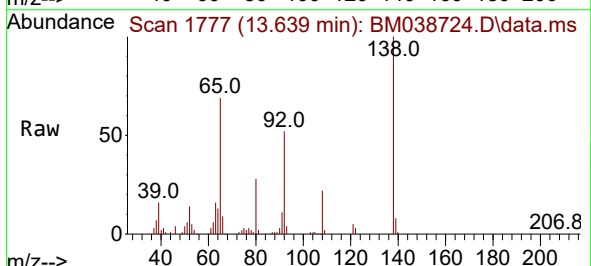
Tgt Ion: 65 Resp: 62178

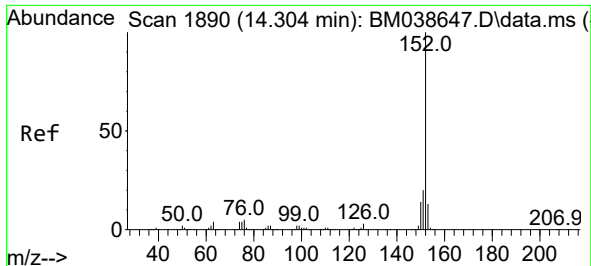
Ion Ratio Lower Upper

65 100

92 75.3 55.9 83.9

138 145.5 110.6 166.0

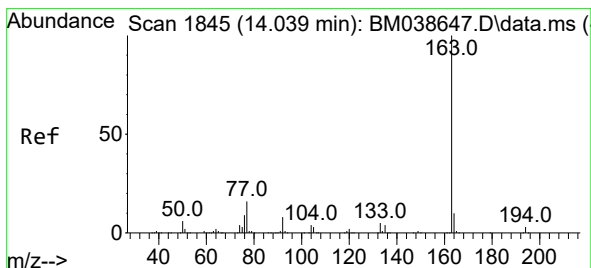
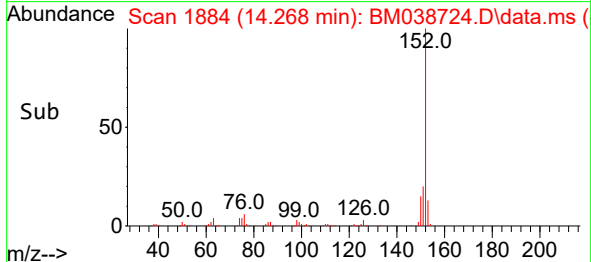
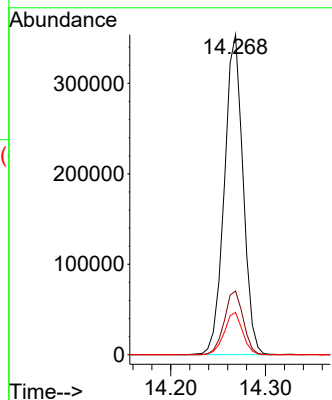
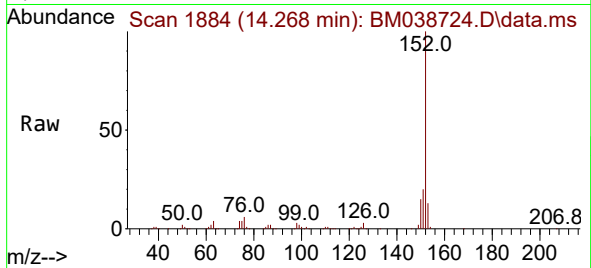




#49  
Acenaphthylene  
Concen: 44.130 ng  
RT: 14.268 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

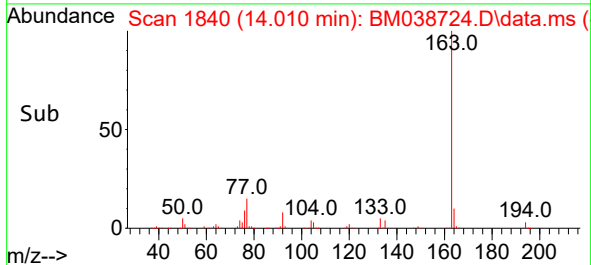
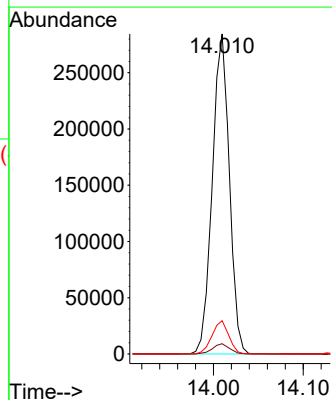
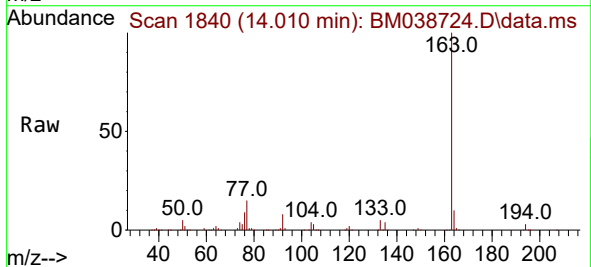
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

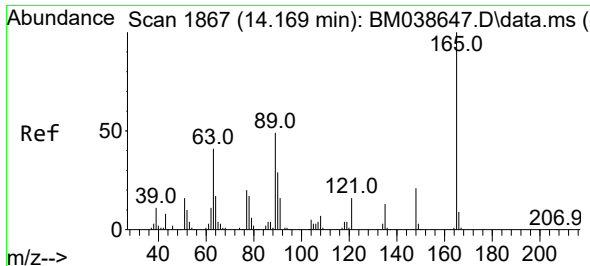
Tgt Ion:152 Resp: 485721  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.1 24.1  
153 13.2 10.0 15.0



#50  
Dimethylphthalate  
Concen: 41.065 ng  
RT: 14.010 min Scan# 1840  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:163 Resp: 375691  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.6 4.0  
164 10.4 8.2 12.4

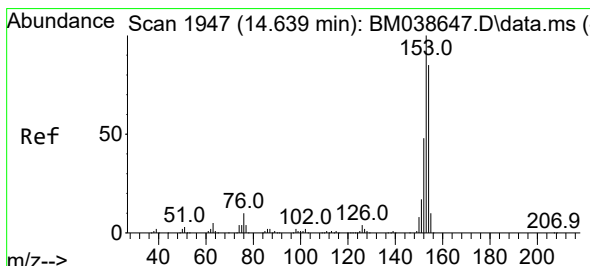
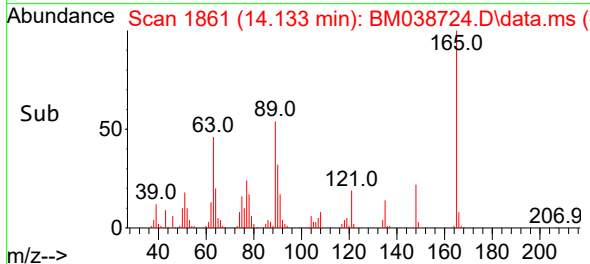
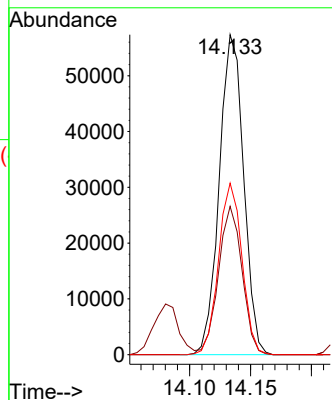
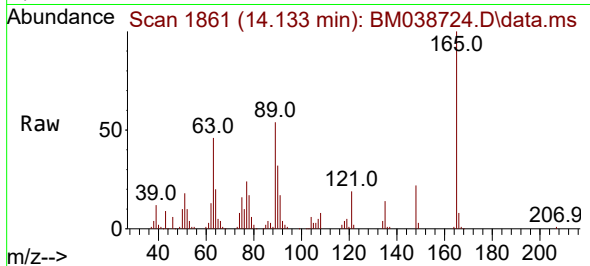




#51  
2,6-Dinitrotoluene  
Concen: 42.969 ng  
RT: 14.133 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

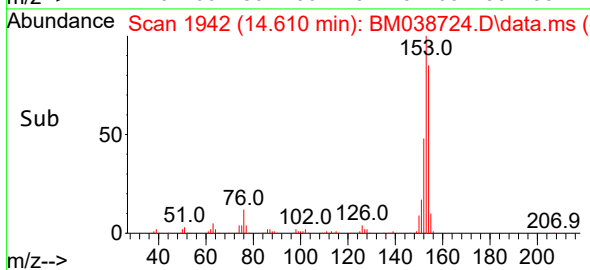
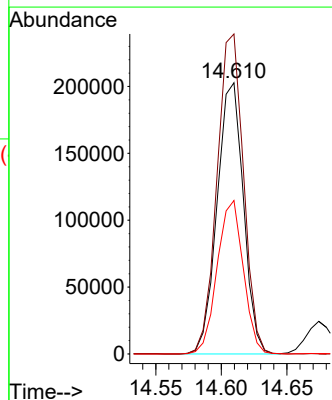
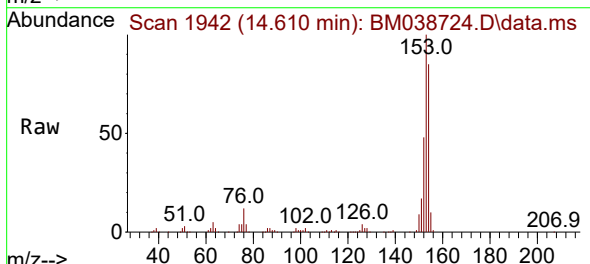
Instrument :  
BNA\_M  
ClientSampleId :  
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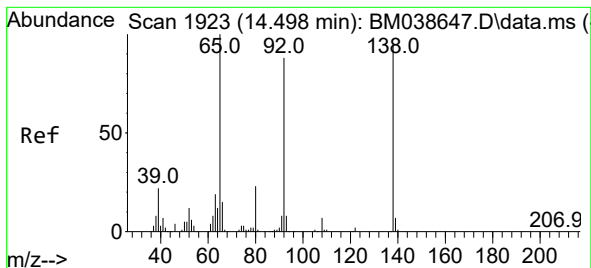
Tgt Ion:165 Resp: 79898  
Ion Ratio Lower Upper  
165 100  
63 46.4 35.8 53.8  
89 53.6 39.3 58.9



#52  
Acenaphthene  
Concen: 43.097 ng  
RT: 14.610 min Scan# 1942  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:154 Resp: 283236  
Ion Ratio Lower Upper  
154 100  
153 118.0 93.7 140.5  
152 56.6 44.6 67.0

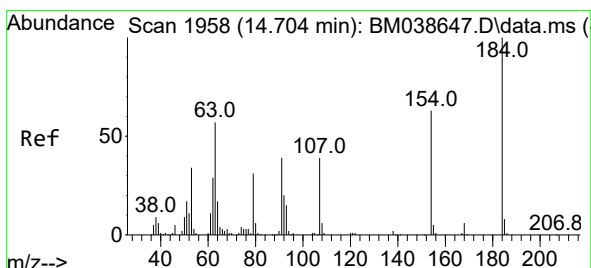
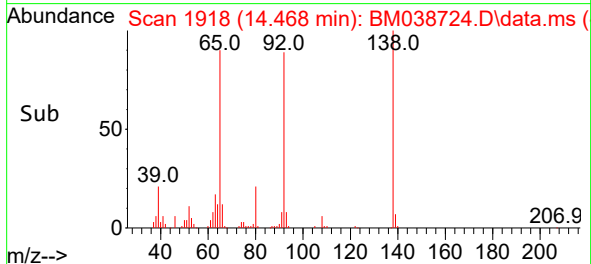
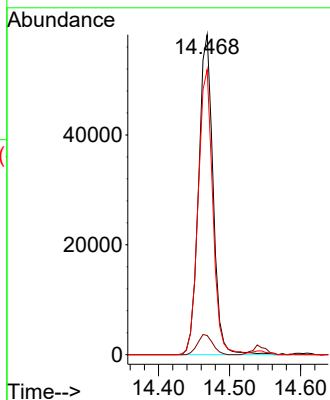
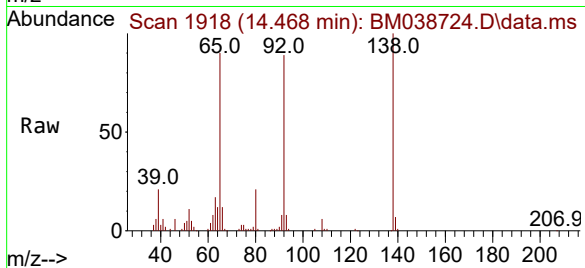




#53  
3-Nitroaniline  
Concen: 42.645 ng  
RT: 14.468 min Scan# 1918  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

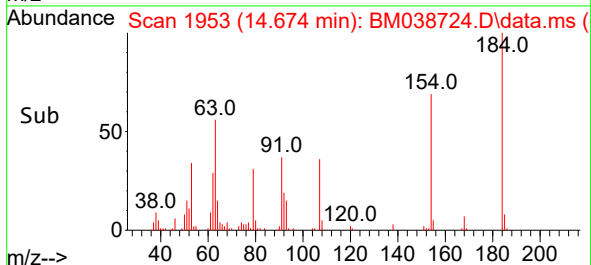
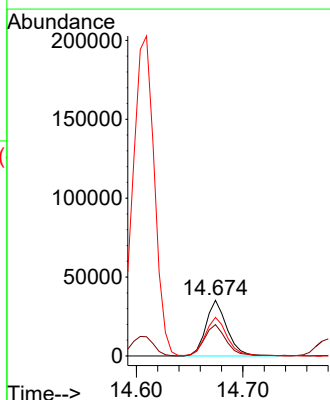
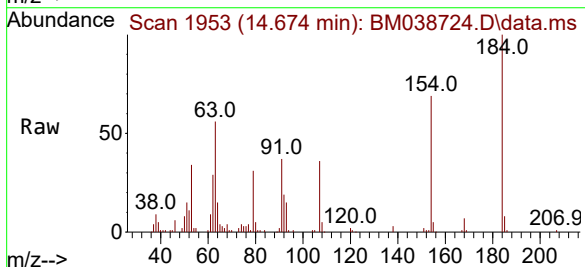
Instrument :  
BNA\_M  
ClientSampleId :  
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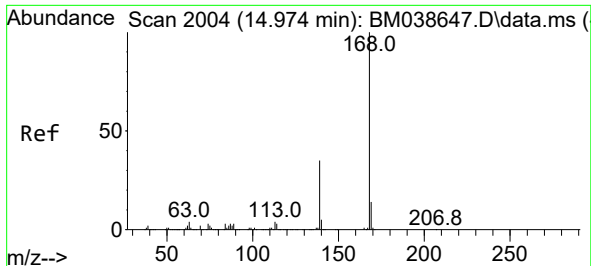
Tgt Ion:138 Resp: 82626  
Ion Ratio Lower Upper  
138 100  
108 6.0 5.8 8.8  
92 89.1 73.9 110.9



#54  
2,4-Dinitrophenol  
Concen: 40.044 ng  
RT: 14.674 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:184 Resp: 48465  
Ion Ratio Lower Upper  
184 100  
63 56.3 45.9 68.9  
154 69.2 54.9 82.3

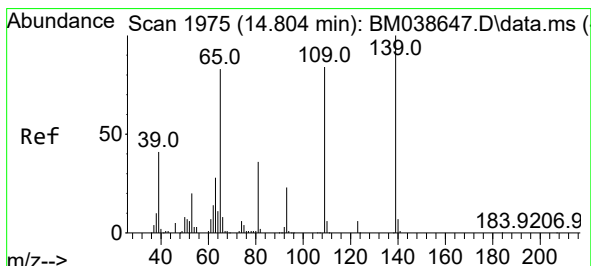
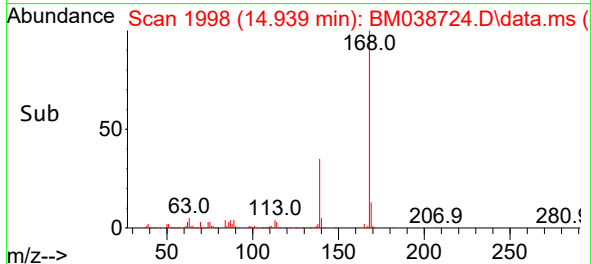
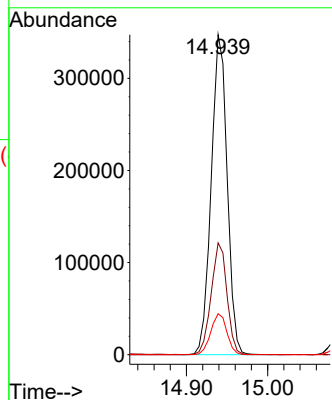
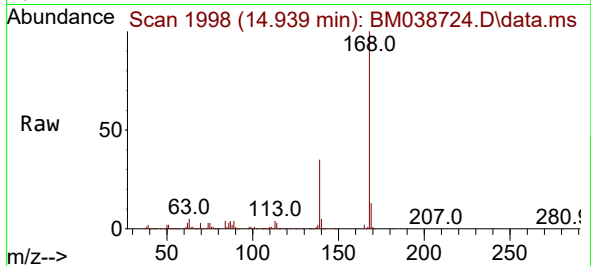




#55  
Dibenzenofuran  
Concen: 41.788 ng  
RT: 14.939 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

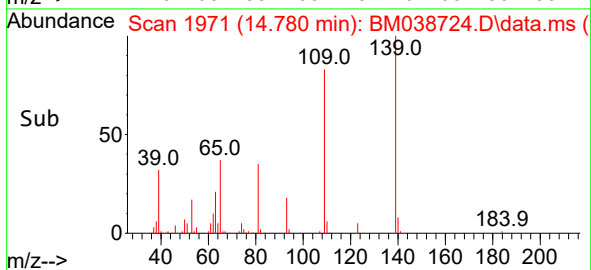
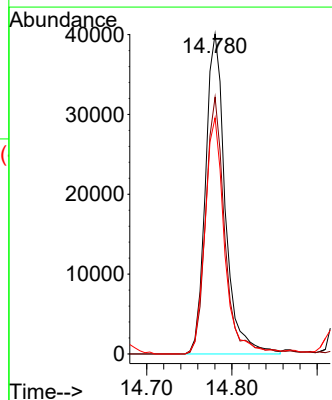
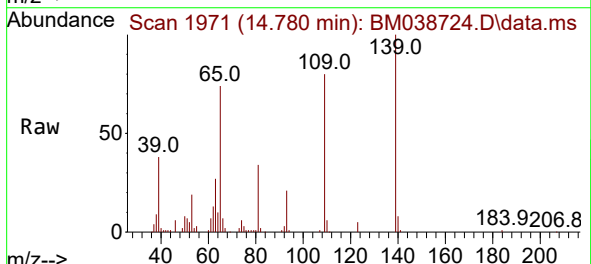
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BNA\_M  
ClientSampleId :  
SSTDCCC040

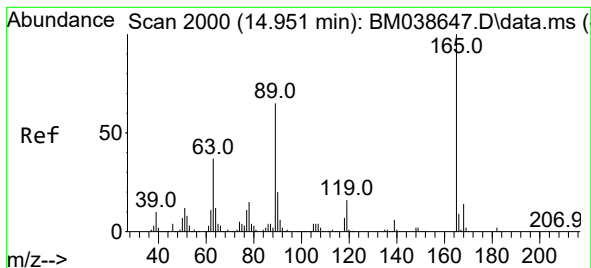
Tgt Ion:168 Resp: 472924  
Ion Ratio Lower Upper  
168 100  
139 35.0 27.8 41.6  
169 12.8 10.9 16.3



#56  
4-Nitrophenol  
Concen: 43.164 ng  
RT: 14.780 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:139 Resp: 64370  
Ion Ratio Lower Upper  
139 100  
109 80.2 63.8 103.8  
65 73.8 62.5 102.5

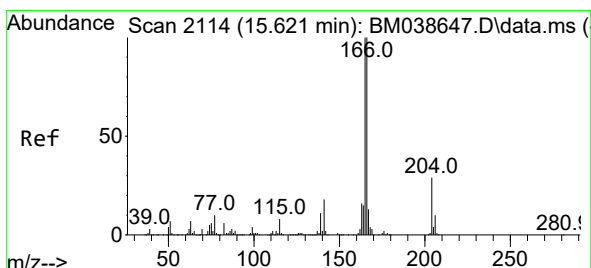
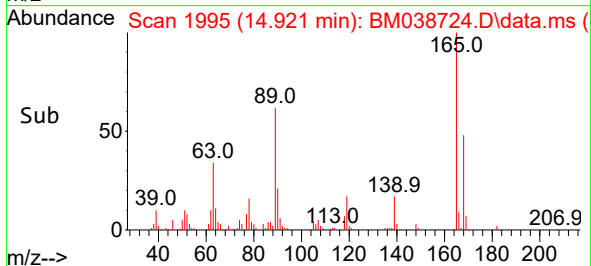
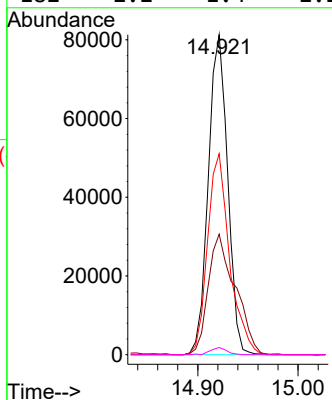
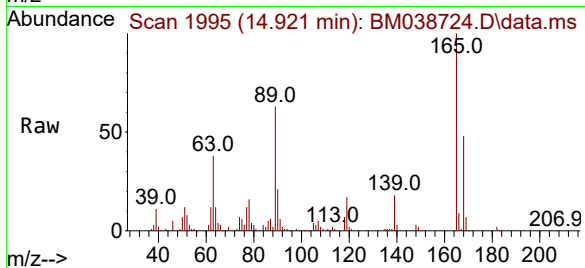




#57  
2,4-Dinitrotoluene  
Concen: 39.927 ng  
RT: 14.921 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

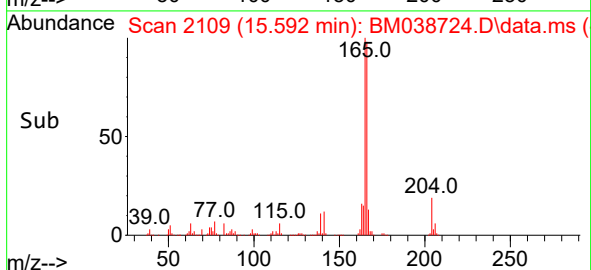
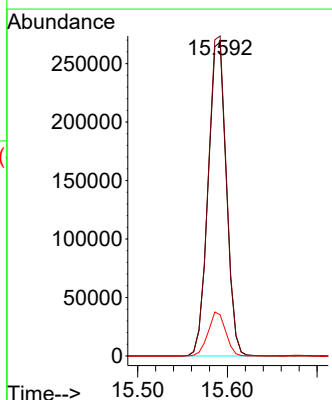
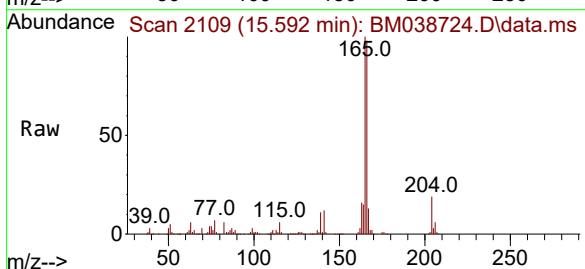
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BNA\_M  
ClientSampleId :  
SSTDCCC040

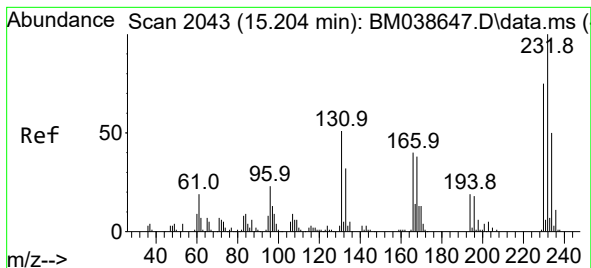
Tgt Ion:165 Resp: 108770  
Ion Ratio Lower Upper  
165 100  
63 37.7 29.4 44.0  
89 62.8 51.8 77.6  
182 2.2 1.4 2.2#



#58  
Fluorene  
Concen: 42.141 ng  
RT: 15.592 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:166 Resp: 377360  
Ion Ratio Lower Upper  
166 100  
165 101.9 80.2 120.4  
167 13.1 10.7 16.1

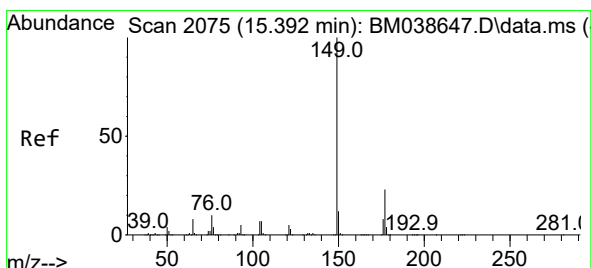
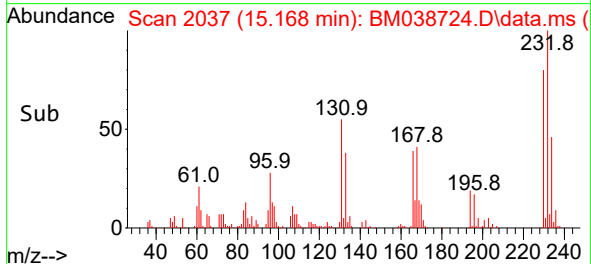
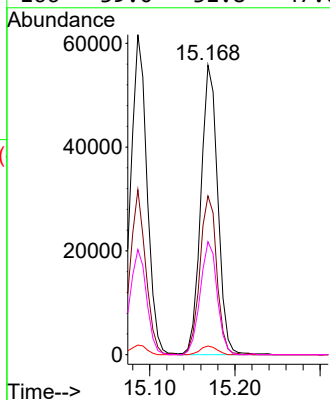
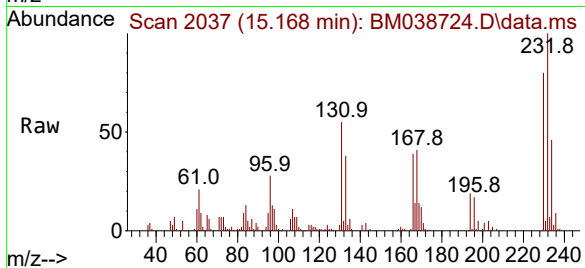




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.006 ng  
RT: 15.168 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

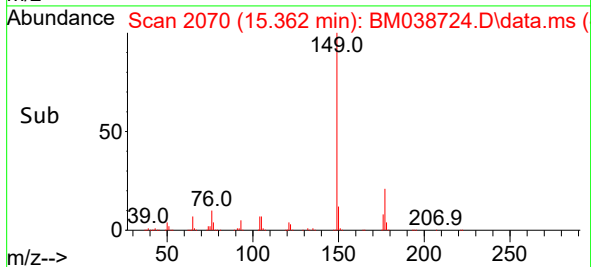
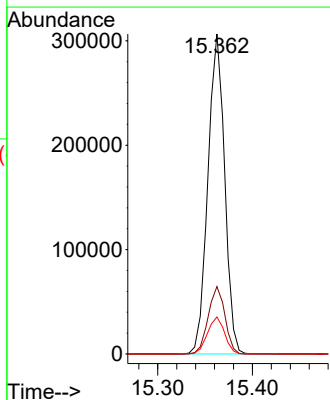
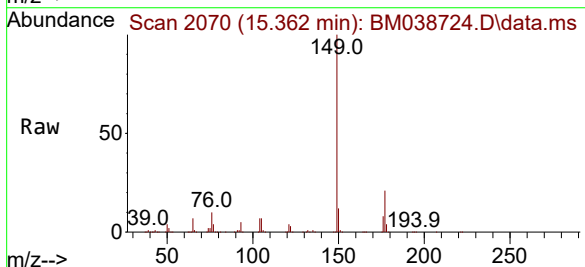
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

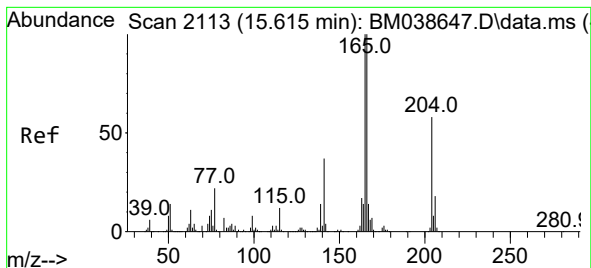
Tgt Ion:232 Resp: 76982  
Ion Ratio Lower Upper  
232 100  
131 54.5 41.2 61.8  
130 3.0 2.4 3.6  
166 39.0 31.8 47.6



#60  
Diethylphthalate  
Concen: 43.371 ng  
RT: 15.362 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:149 Resp: 375896  
Ion Ratio Lower Upper  
149 100  
177 21.1 18.1 27.1  
150 11.6 10.0 15.0

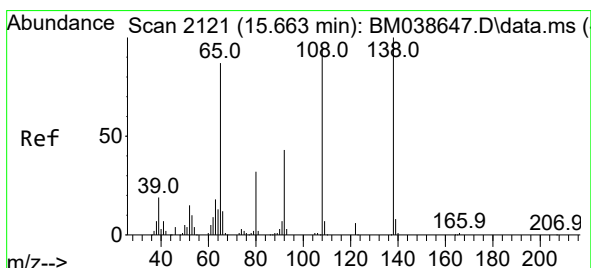
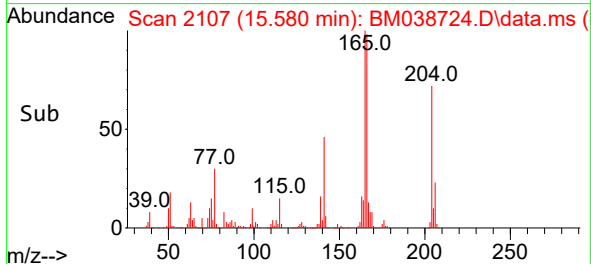
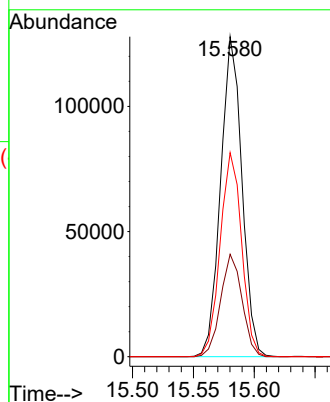
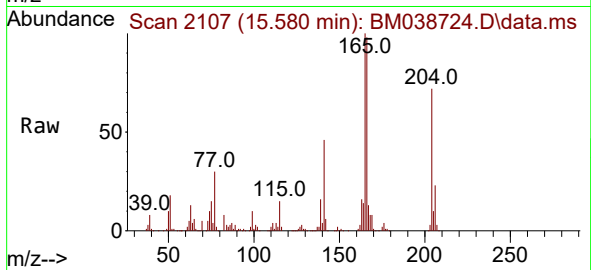




#61  
4-Chlorophenyl-phenylether  
Concen: 41.064 ng  
RT: 15.580 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

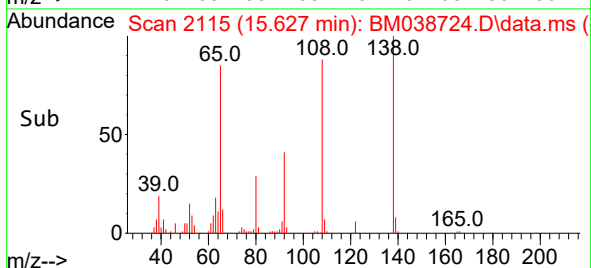
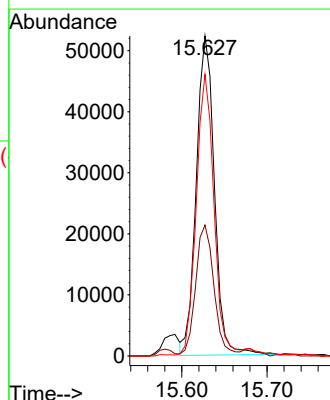
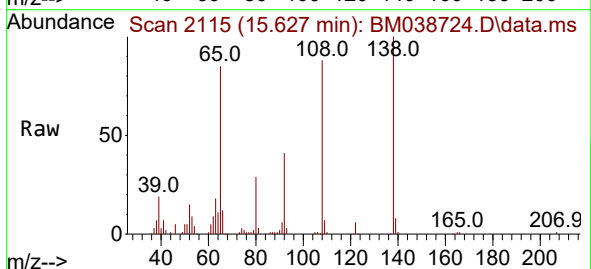
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

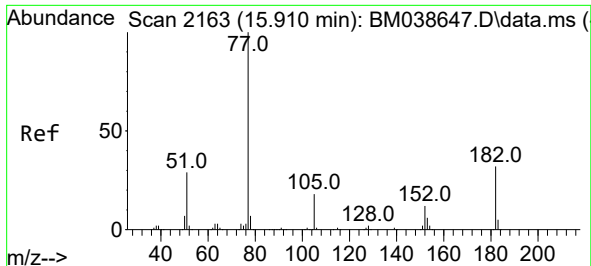
Tgt Ion:204 Resp: 155999  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.3 37.9  
141 63.7 51.3 76.9



#62  
4-Nitroaniline  
Concen: 39.101 ng  
RT: 15.627 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:138 Resp: 77399  
Ion Ratio Lower Upper  
138 100  
92 40.9 23.4 63.4  
108 88.0 75.1 115.1

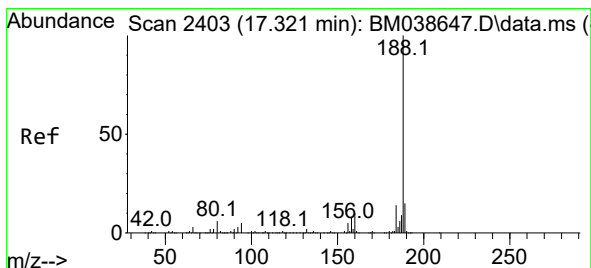
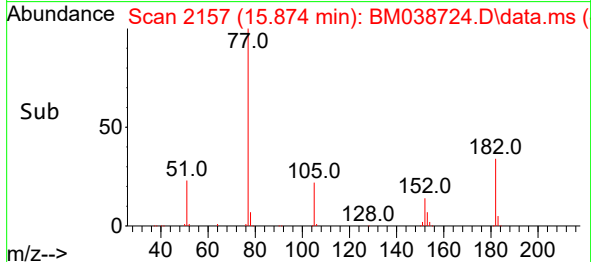
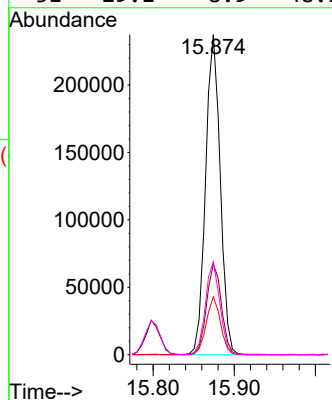
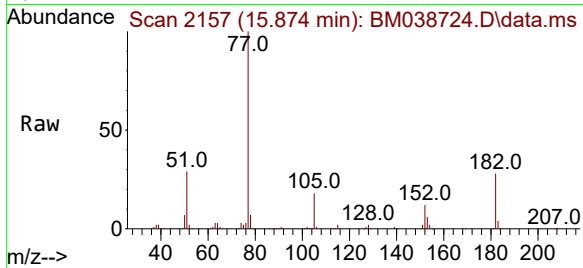




#63  
 Azobenzene  
 Concen: 44.521 ng  
 RT: 15.874 min Scan# 2163  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

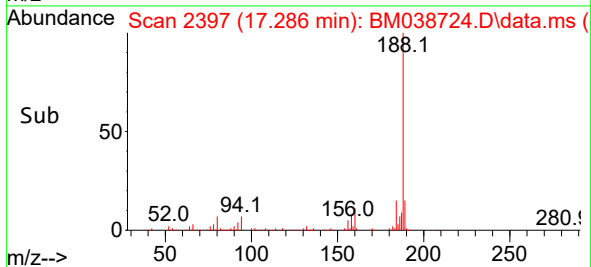
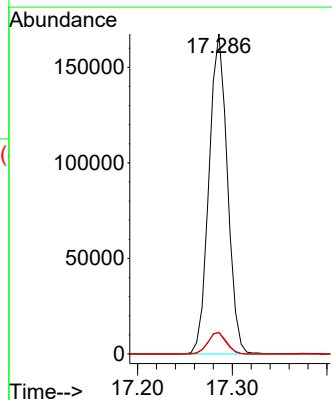
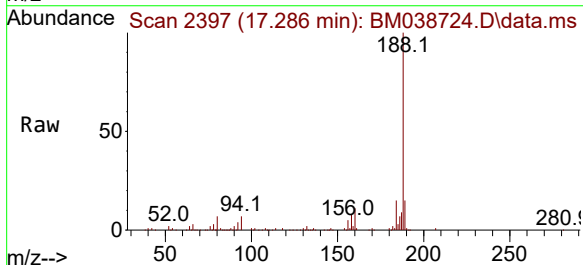
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

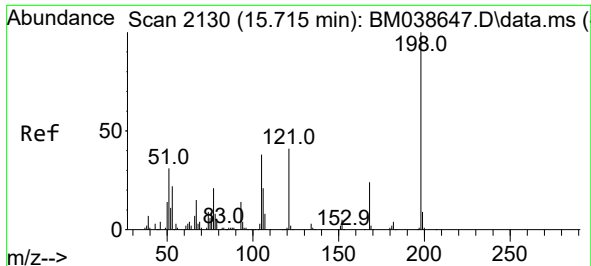
Tgt Ion: 77 Resp: 296872  
 Ion Ratio Lower Upper  
 77 100  
 182 28.4 12.0 52.0  
 105 18.1 0.0 37.5  
 51 29.1 8.9 48.9



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.286 min Scan# 2397  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

Tgt Ion: 188 Resp: 225672  
 Ion Ratio Lower Upper  
 188 100  
 94 6.7 4.2 6.4#  
 80 6.8 4.6 7.0

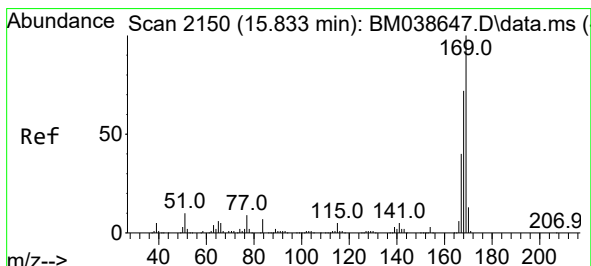
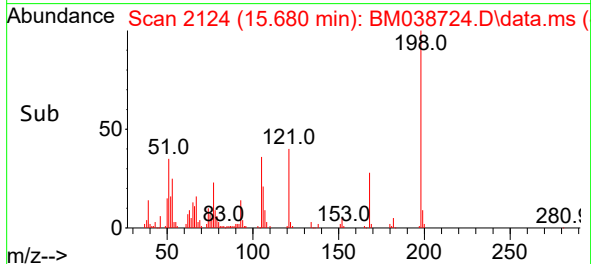
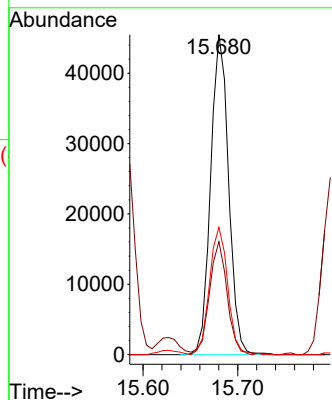
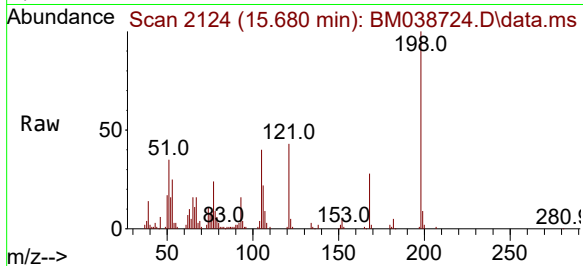




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.226 ng  
RT: 15.680 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

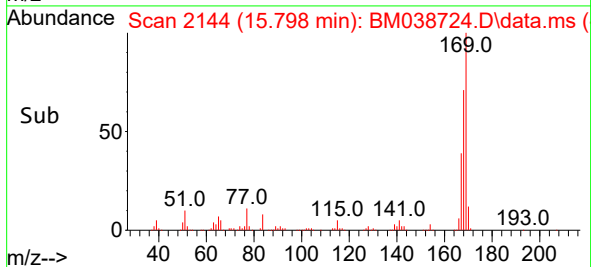
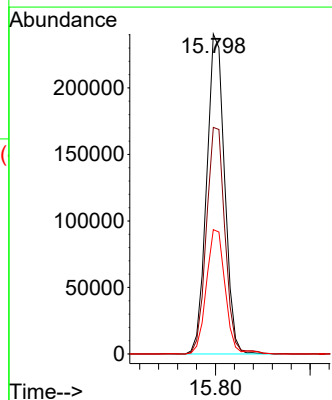
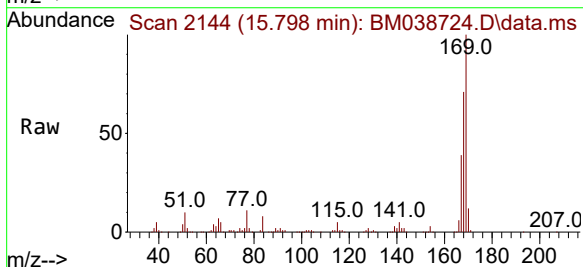
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

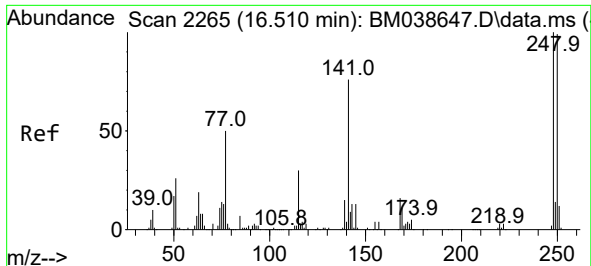
Tgt Ion:198 Resp: 59989  
Ion Ratio Lower Upper  
198 100  
51 35.3 13.0 53.0  
105 39.8 17.9 57.9



#66  
n-Nitrosodiphenylamine  
Concen: 42.817 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:169 Resp: 315499  
Ion Ratio Lower Upper  
169 100  
168 70.8 57.6 86.4  
167 38.9 32.3 48.5

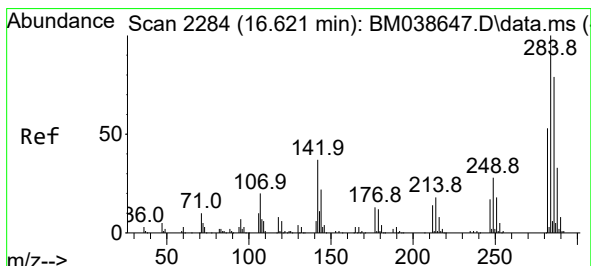
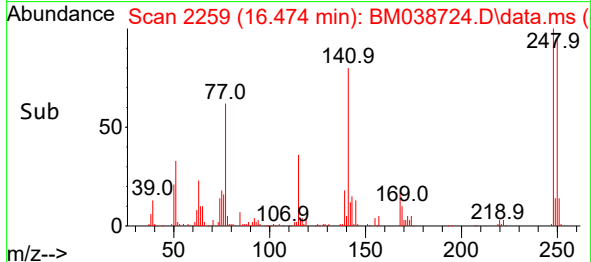
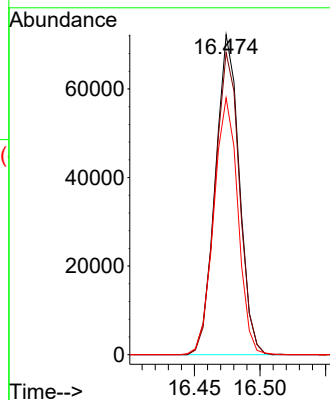
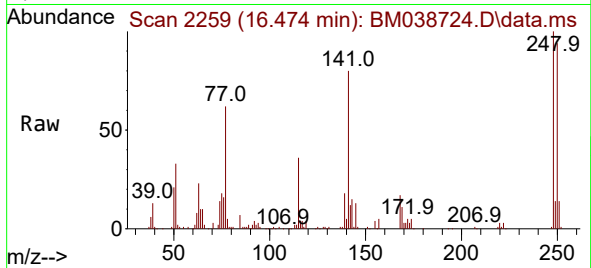




#67  
4-Bromophenyl-phenylether  
Concen: 42.145 ng  
RT: 16.474 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

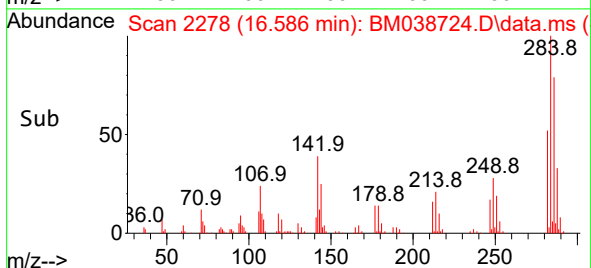
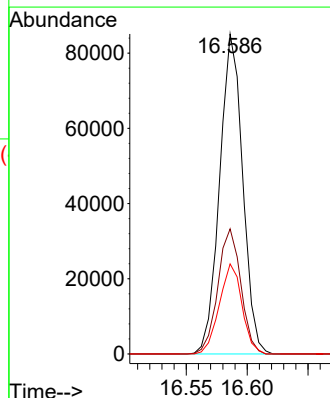
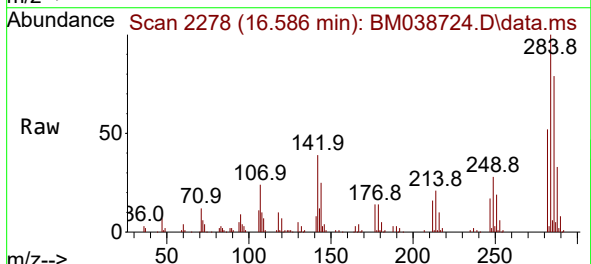
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

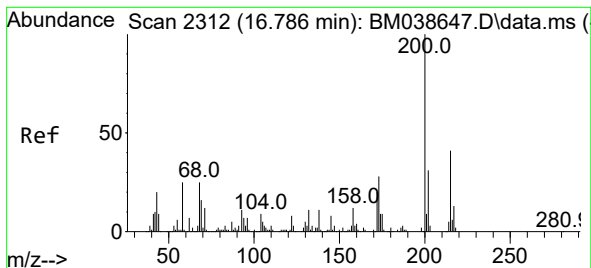
Tgt Ion:248 Resp: 91835  
Ion Ratio Lower Upper  
248 100  
250 94.4 79.4 119.2  
141 80.3 61.0 91.6



#68  
Hexachlorobenzene  
Concen: 42.052 ng  
RT: 16.586 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:284 Resp: 111987  
Ion Ratio Lower Upper  
284 100  
142 39.1 29.8 44.6  
249 28.2 22.2 33.4





#69

Atrazine

Concen: 41.760 ng

RT: 16.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

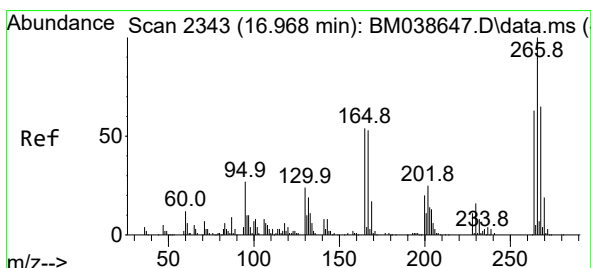
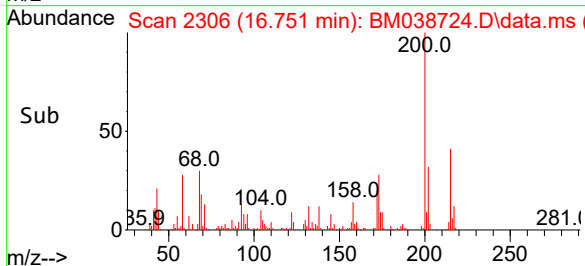
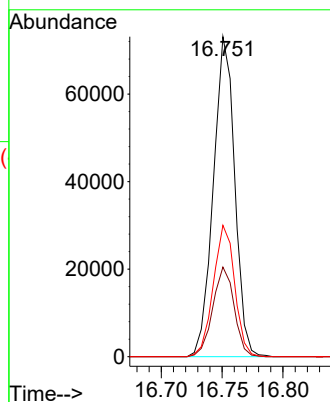
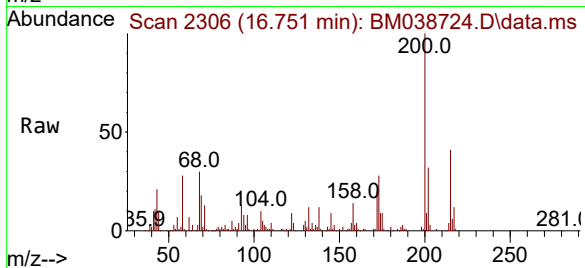
Tgt Ion:200 Resp: 89185

Ion Ratio Lower Upper

200 100

173 28.0 7.9 47.9

215 41.0 20.8 60.8



#70

Pentachlorophenol

Concen: 41.434 ng

RT: 16.939 min Scan# 2338

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

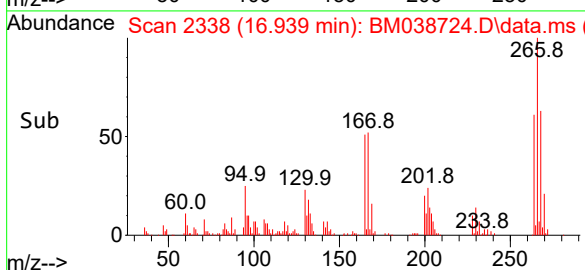
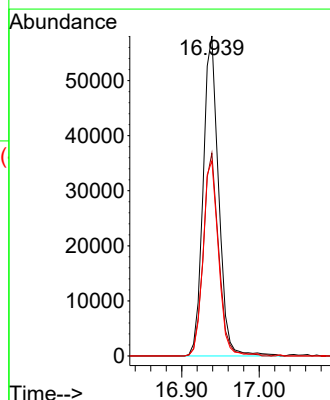
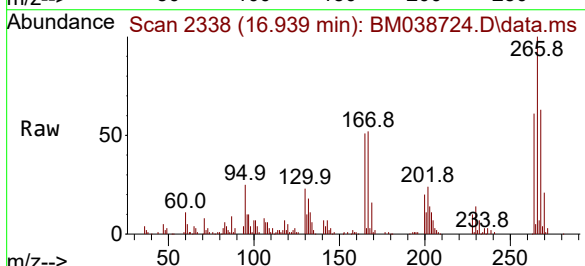
Tgt Ion:266 Resp: 80436

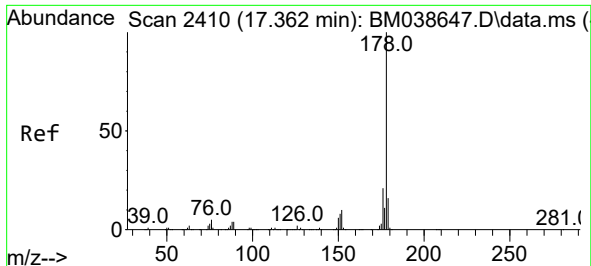
Ion Ratio Lower Upper

266 100

268 63.3 51.8 77.6

264 61.0 50.6 76.0

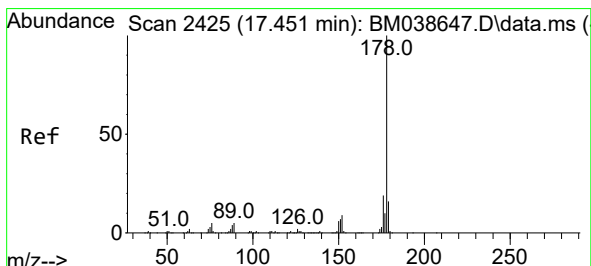
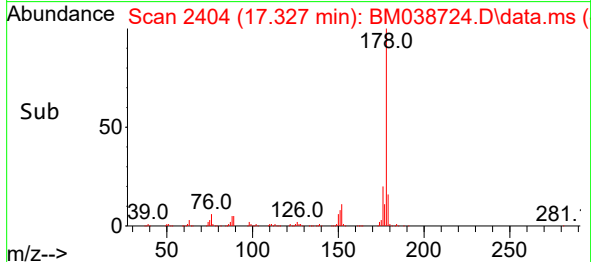
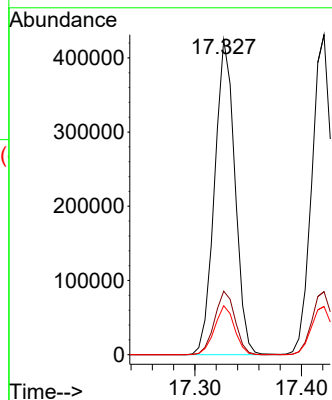
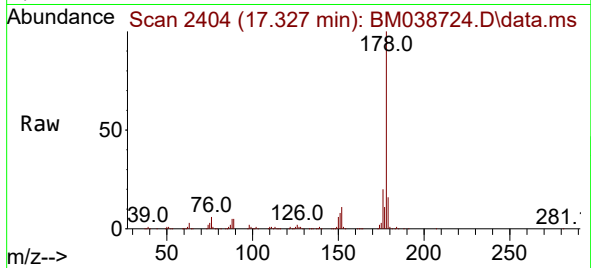




#71  
Phenanthrene  
Concen: 41.893 ng  
RT: 17.327 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

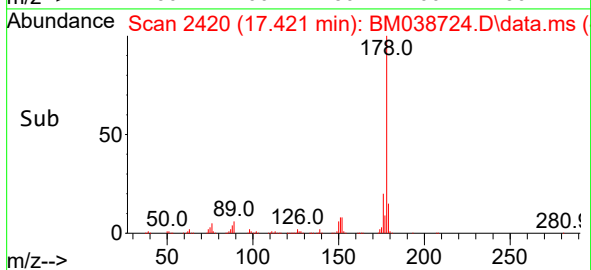
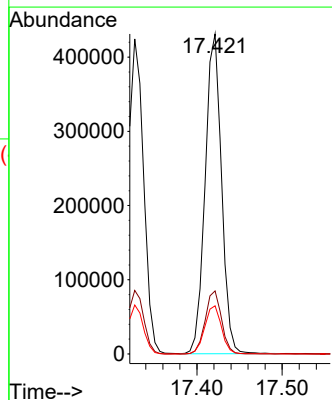
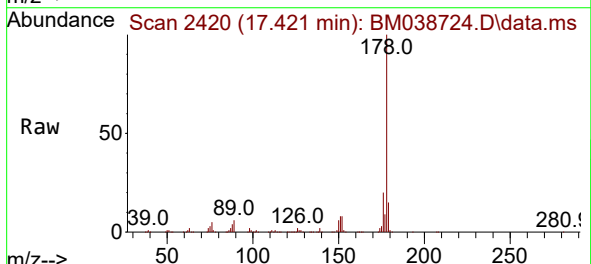
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

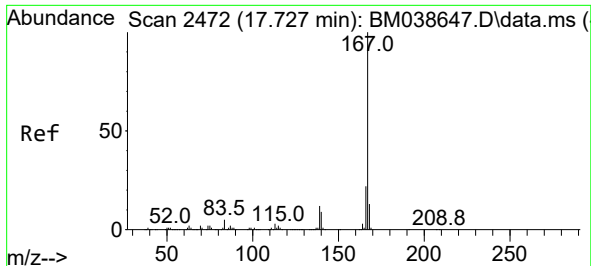
Tgt Ion:178 Resp: 561356  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.7 25.1  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 41.968 ng  
RT: 17.421 min Scan# 2420  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:178 Resp: 575307  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 15.1 12.4 18.6

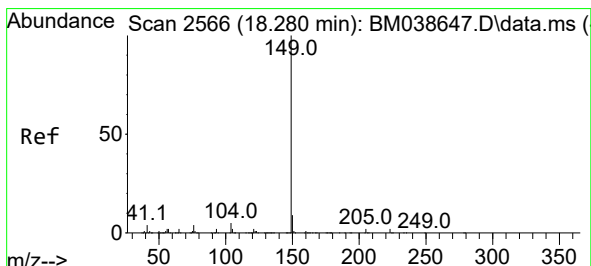
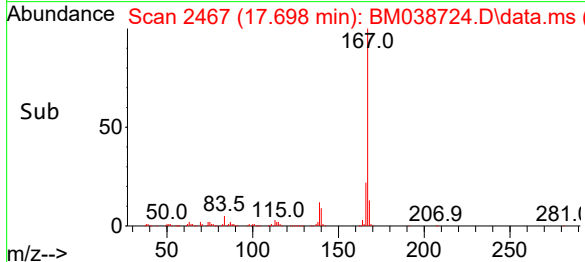
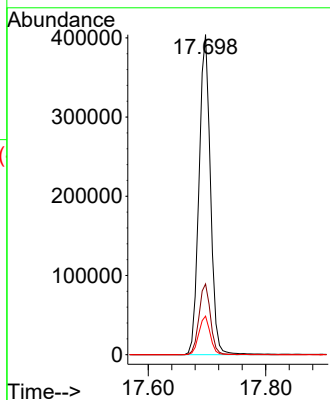
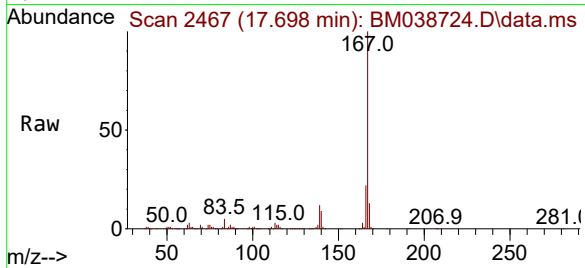




#73  
 Carbazole  
 Concen: 42.614 ng  
 RT: 17.698 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

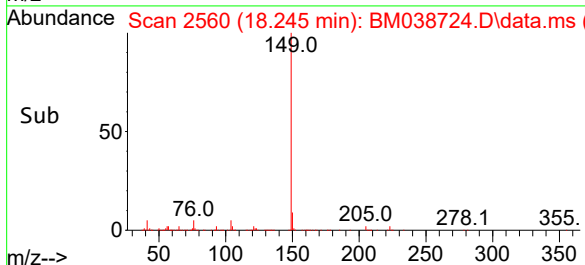
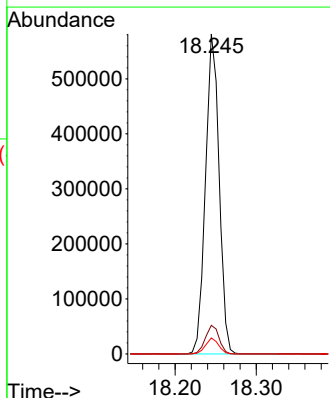
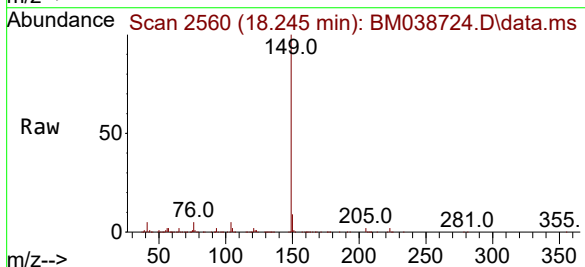
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

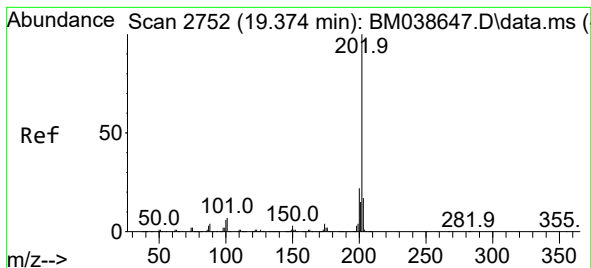
Tgt Ion:167 Resp: 544802  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.8 26.6  
 139 12.0 9.4 14.2



#74  
 Di-n-butylphthalate  
 Concen: 46.775 ng  
 RT: 18.245 min Scan# 2560  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

Tgt Ion:149 Resp: 675613  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 42.146 ng

RT: 19.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

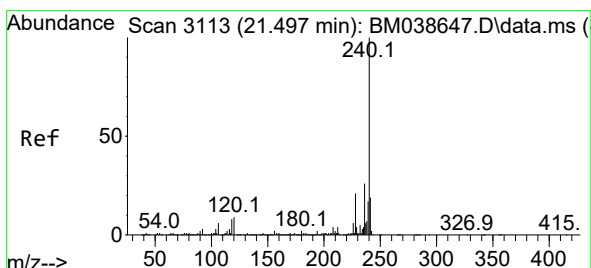
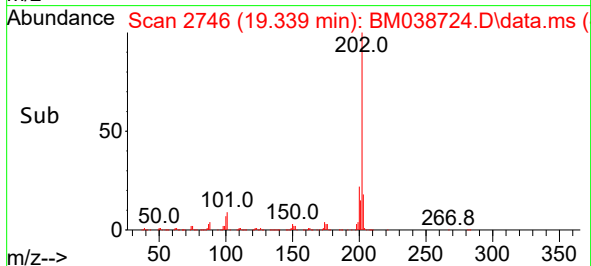
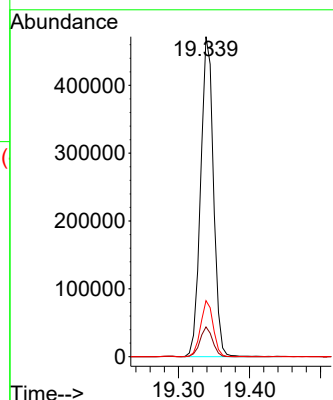
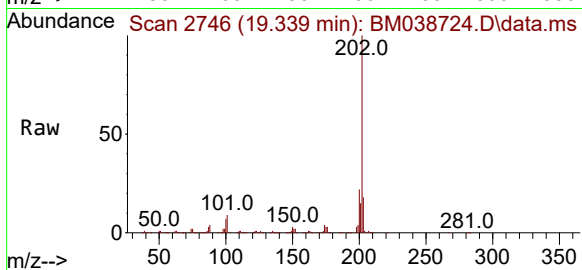
Tgt Ion:202 Resp: 592957

Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.4

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

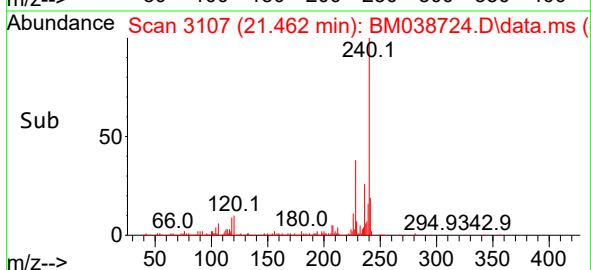
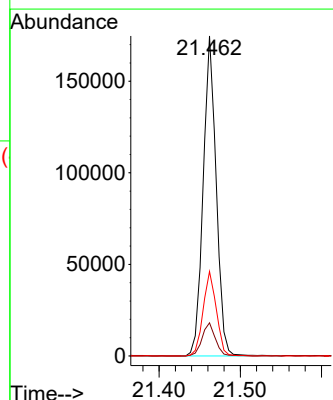
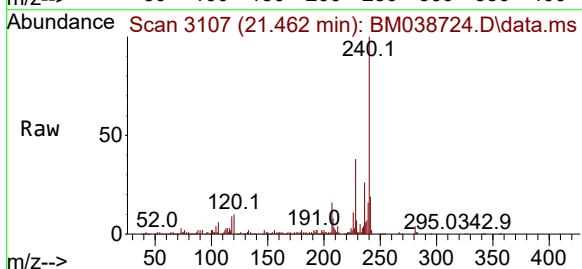
Tgt Ion:240 Resp: 194643

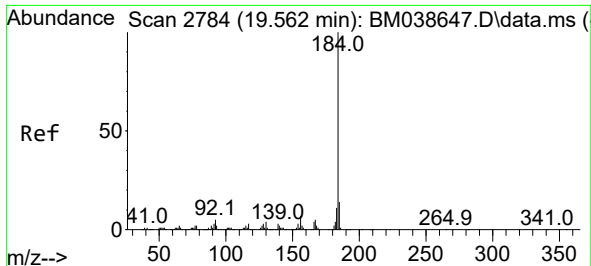
Ion Ratio Lower Upper

240 100

120 10.4 7.0 10.4

236 26.4 20.9 31.3

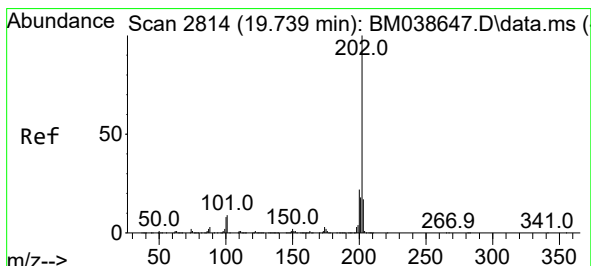
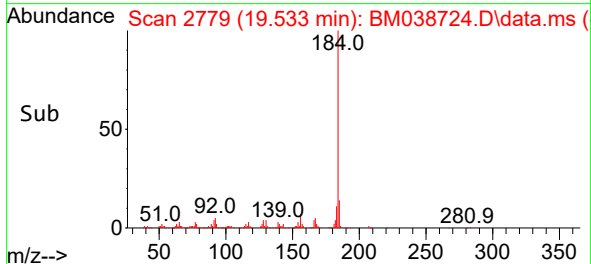
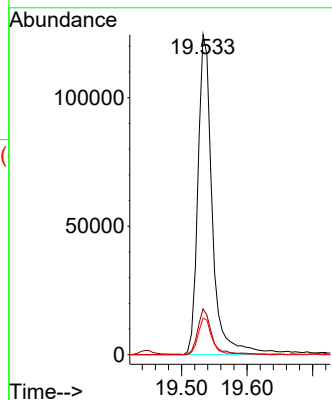
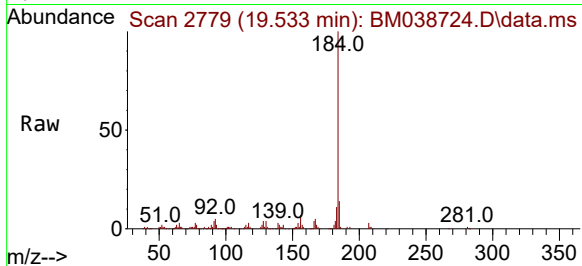




#77  
Benzidine  
Concen: 33.581 ng  
RT: 19.533 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

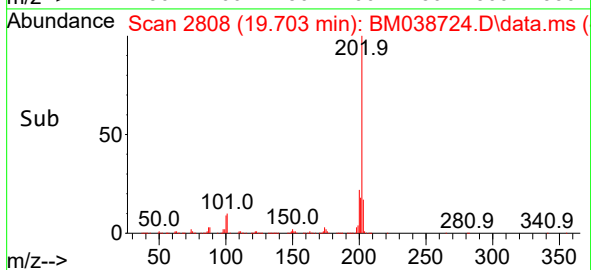
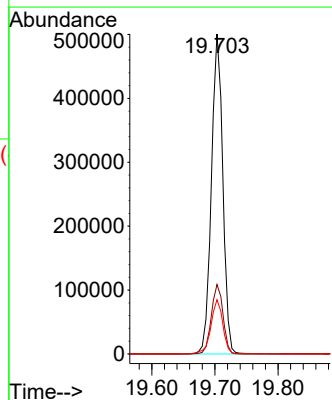
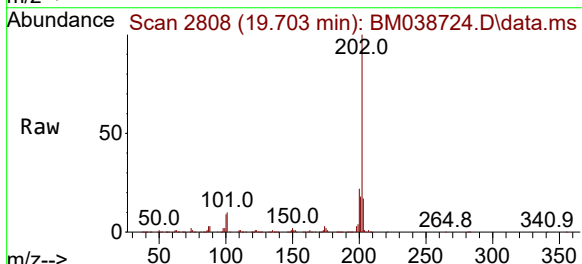
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

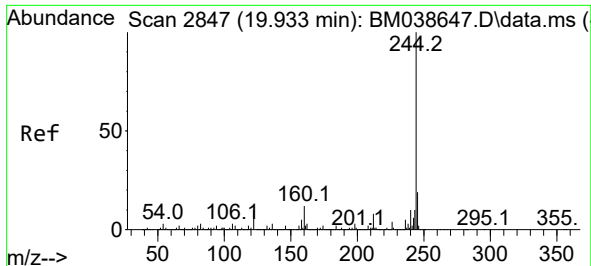
Tgt Ion:184 Resp: 190527  
Ion Ratio Lower Upper  
184 100  
185 14.3 10.8 16.2  
183 11.4 8.8 13.2



#78  
Pyrene  
Concen: 41.802 ng  
RT: 19.703 min Scan# 2808  
Delta R.T. 0.000 min  
Lab File: BM038724.D  
Acq: 14 Feb 2023 11:00

Tgt Ion:202 Resp: 626424  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.8 26.6  
203 16.9 13.5 20.3

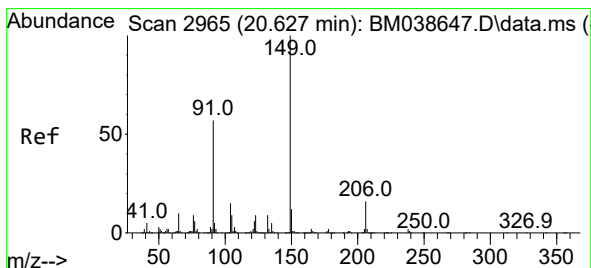
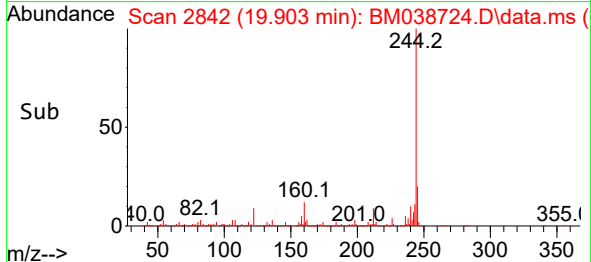
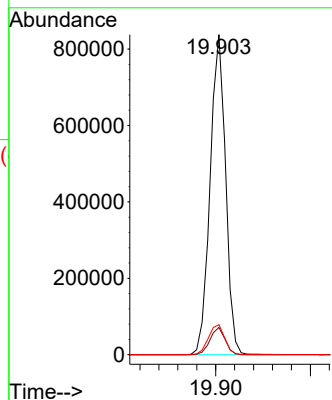
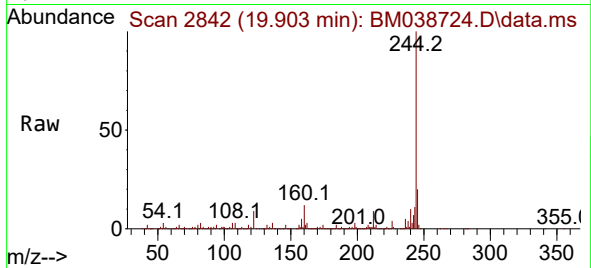




#79  
 Terphenyl-d14  
 Concen: 85.968 ng  
 RT: 19.903 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

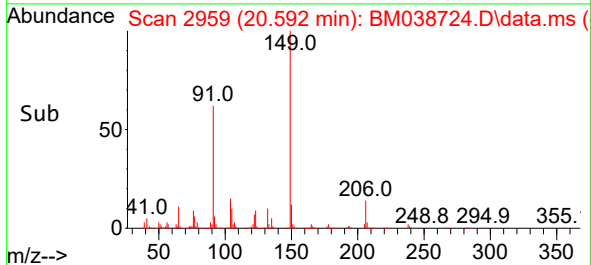
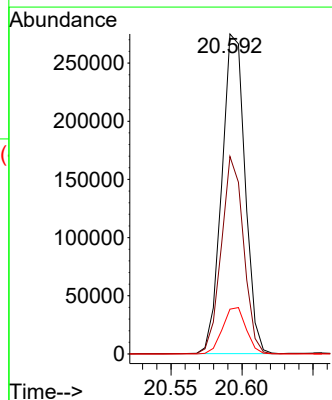
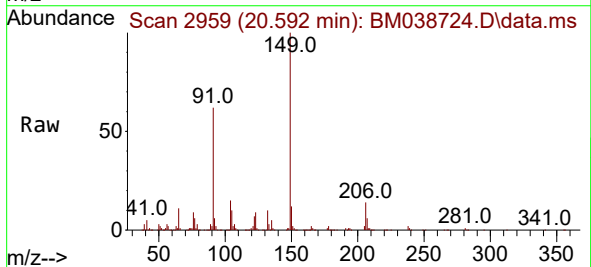
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

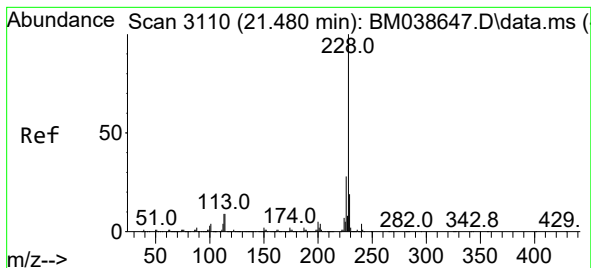
Tgt Ion:244 Resp: 948226  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.6 9.8  
 122 9.4 7.8 11.8



#80  
 Butylbenzylphthalate  
 Concen: 42.085 ng  
 RT: 20.592 min Scan# 2959  
 Delta R.T. 0.000 min  
 Lab File: BM038724.D  
 Acq: 14 Feb 2023 11:00

Tgt Ion:149 Resp: 312109  
 Ion Ratio Lower Upper  
 149 100  
 91 61.7 45.6 68.4  
 206 14.0 12.5 18.7





#81

Benzo(a)anthracene

Concen: 41.862 ng

RT: 21.444 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

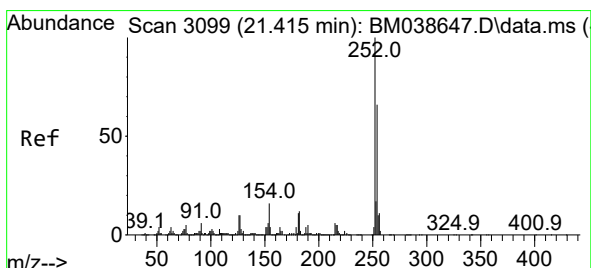
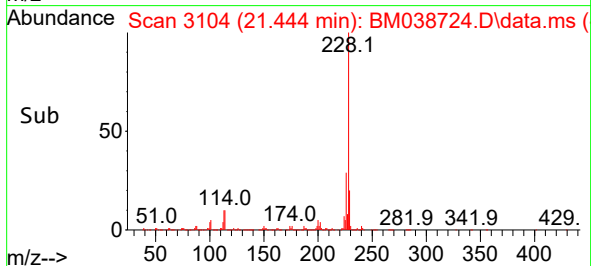
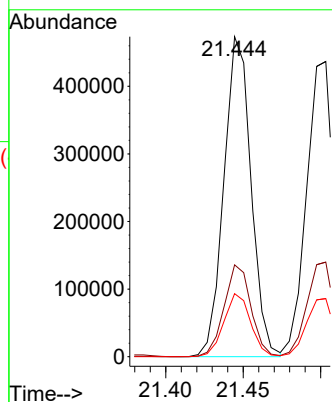
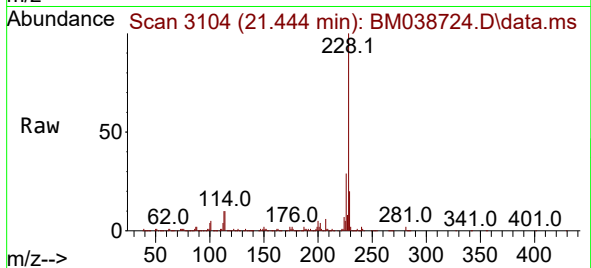
Tgt Ion:228 Resp: 576368

Ion Ratio Lower Upper

228 100

226 28.7 22.2 33.4

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.652 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

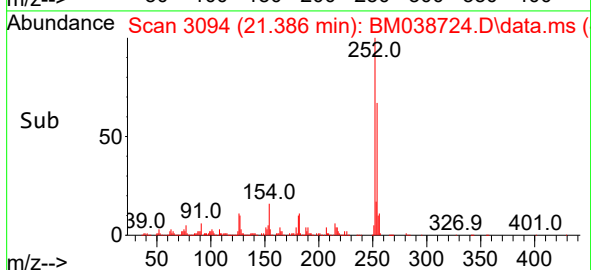
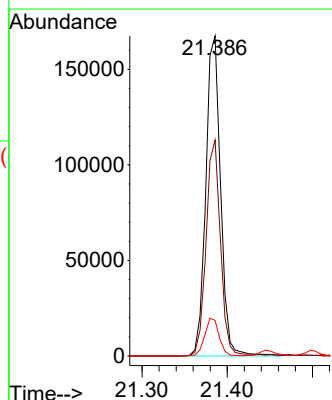
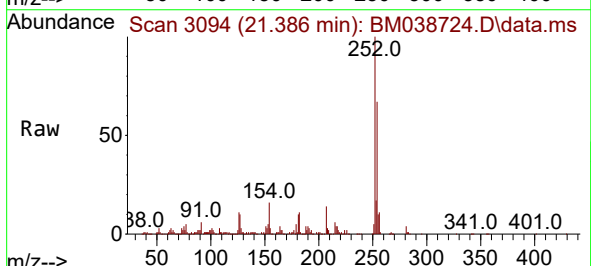
Tgt Ion:252 Resp: 202034

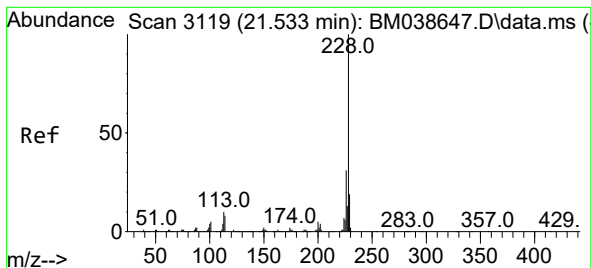
Ion Ratio Lower Upper

252 100

254 67.5 52.8 79.2

126 11.1 8.2 12.2





#83

Chrysene

Concen: 41.231 ng

RT: 21.503 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

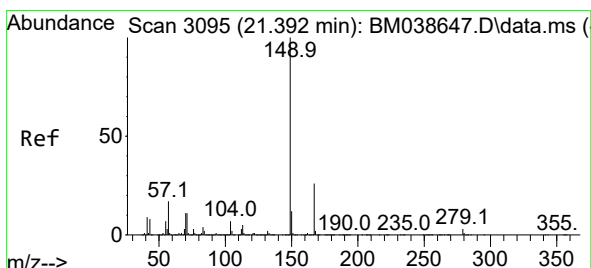
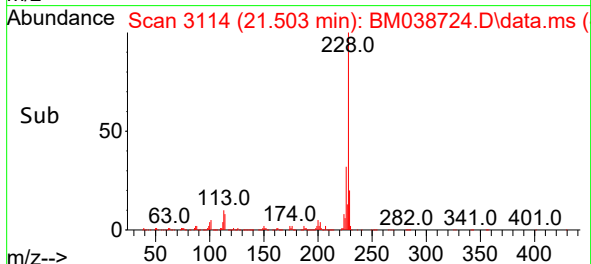
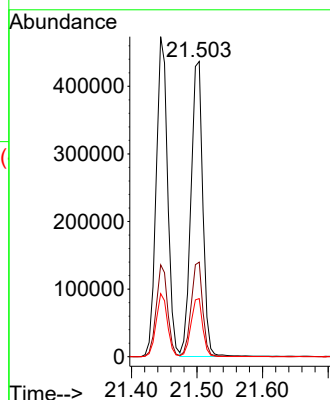
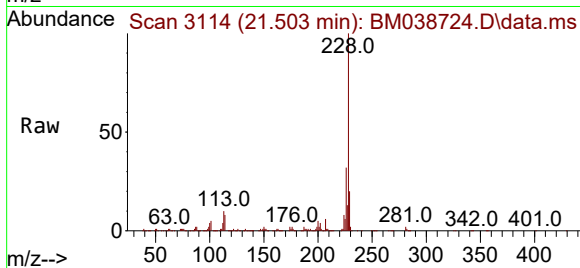
Tgt Ion:228 Resp: 546967

Ion Ratio Lower Upper

228 100

226 32.1 24.7 37.1

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.614 ng

RT: 21.362 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

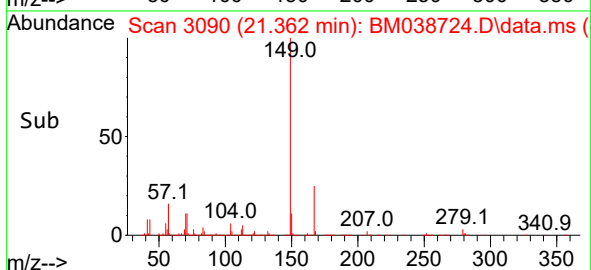
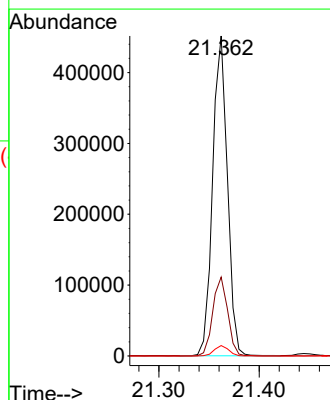
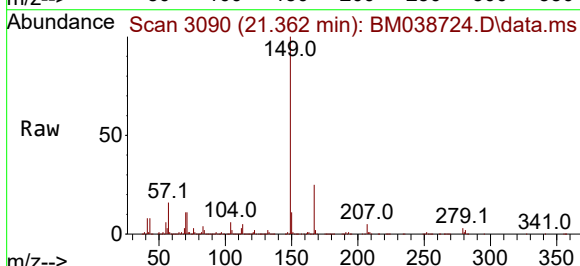
Tgt Ion:149 Resp: 460725

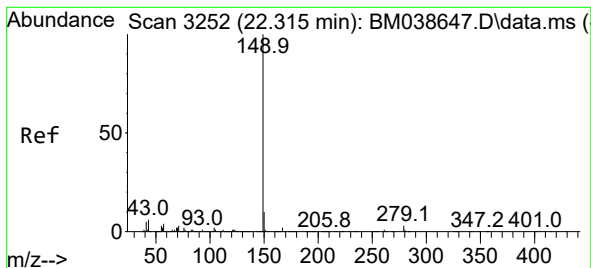
Ion Ratio Lower Upper

149 100

167 24.7 20.8 31.2

279 3.3 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 45.248 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

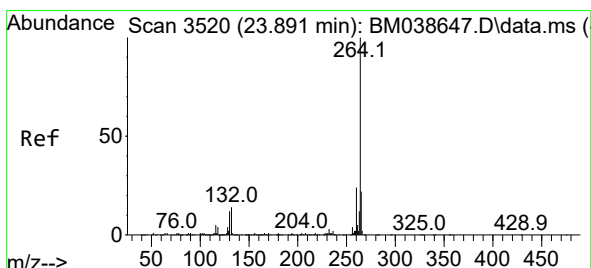
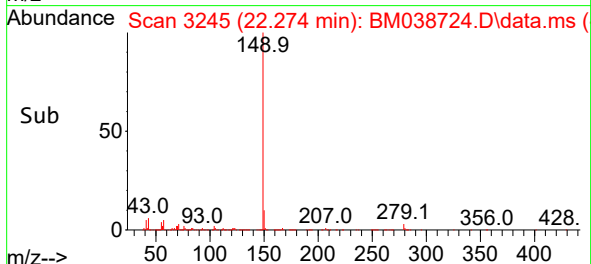
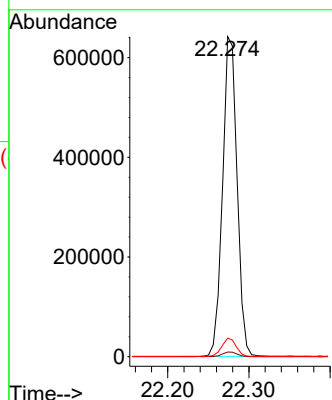
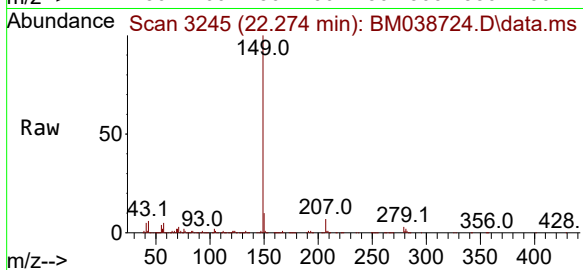
Tgt Ion:149 Resp: 798154

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.838 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

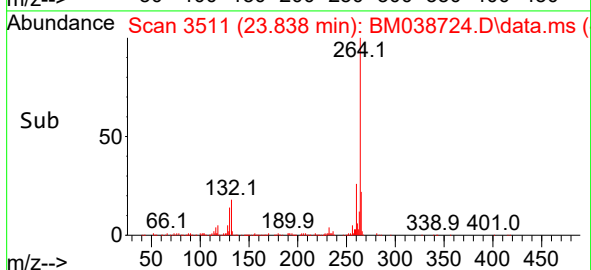
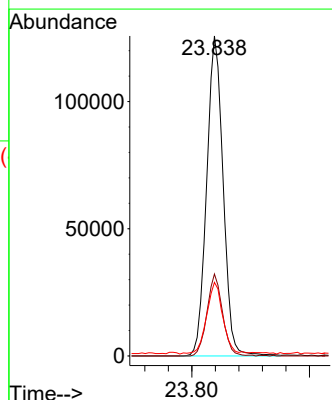
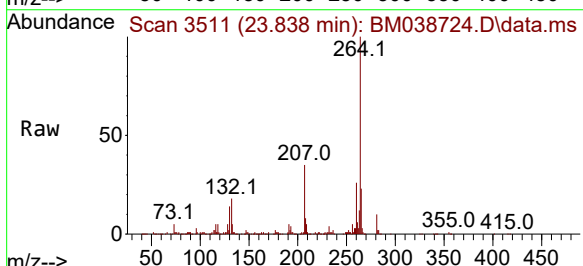
Tgt Ion:264 Resp: 244681

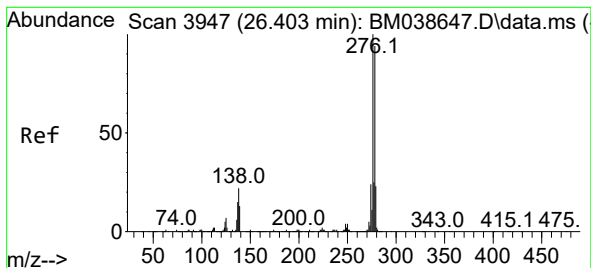
Ion Ratio Lower Upper

264 100

260 25.6 19.6 29.4

265 23.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.007 ng

RT: 26.315 min Scan# 3932

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

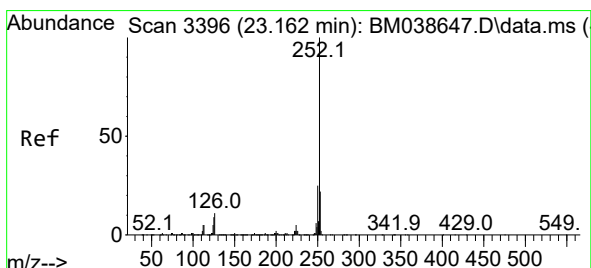
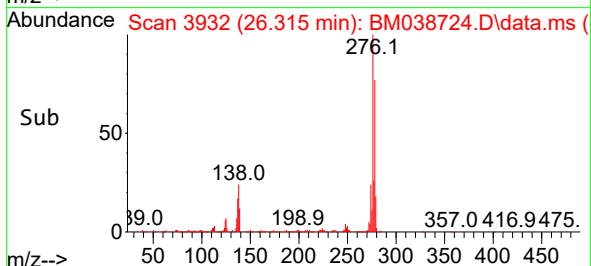
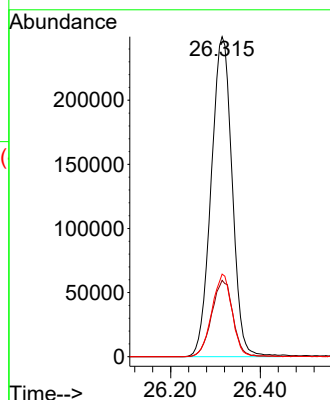
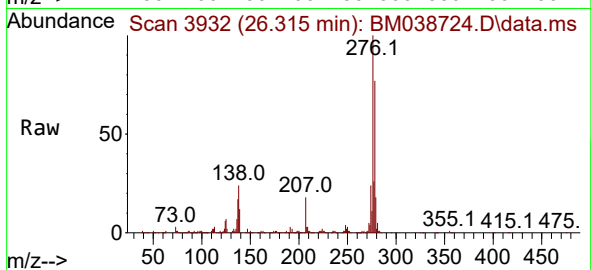
Tgt Ion:276 Resp: 809580

Ion Ratio Lower Upper

276 100

138 24.2 17.2 25.8

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.657 ng

RT: 23.115 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

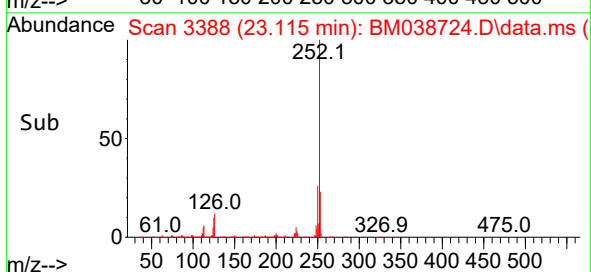
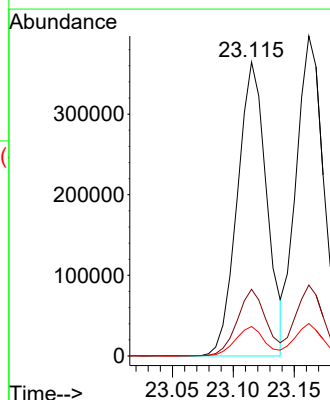
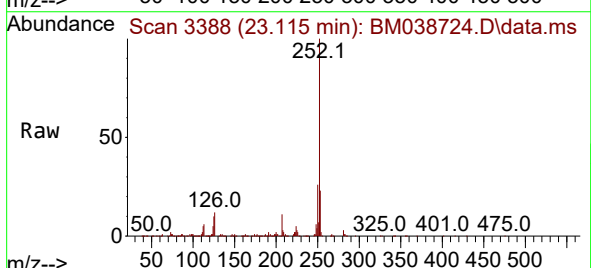
Tgt Ion:252 Resp: 610495

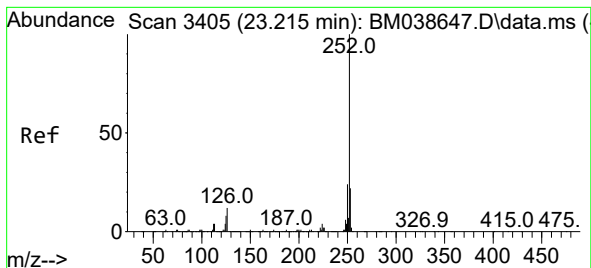
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.112 ng

RT: 23.162 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

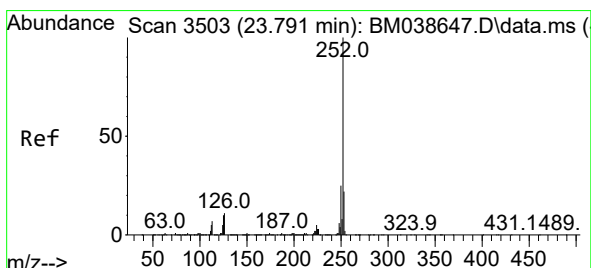
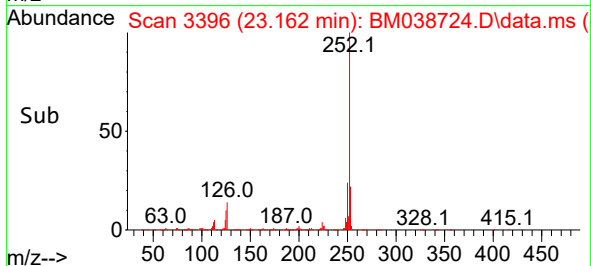
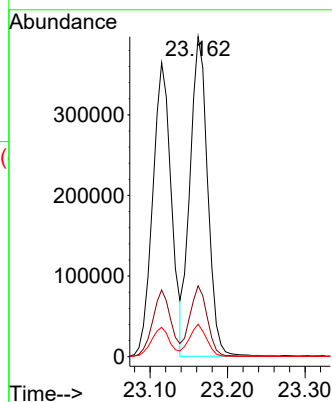
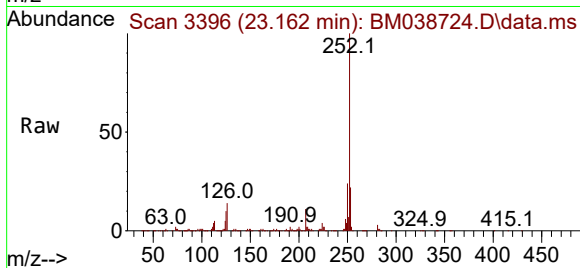
Tgt Ion:252 Resp: 626721

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.2 6.6 9.8#



#90

Benzo(a)pyrene

Concen: 41.846 ng

RT: 23.738 min Scan# 3494

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

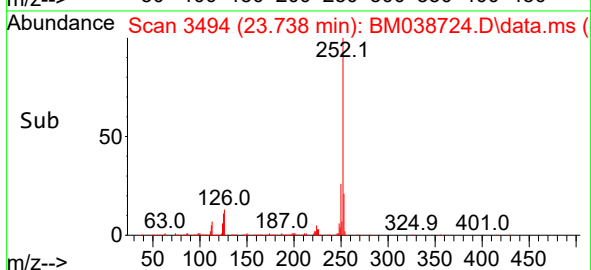
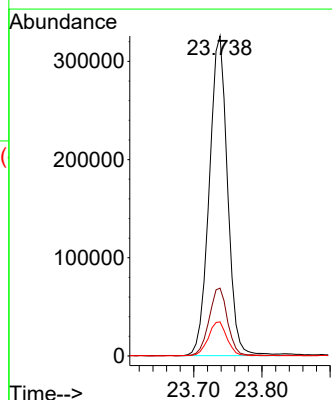
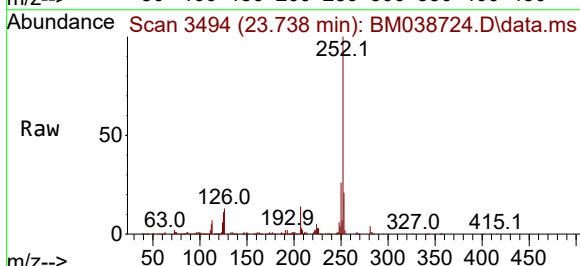
Tgt Ion:252 Resp: 606469

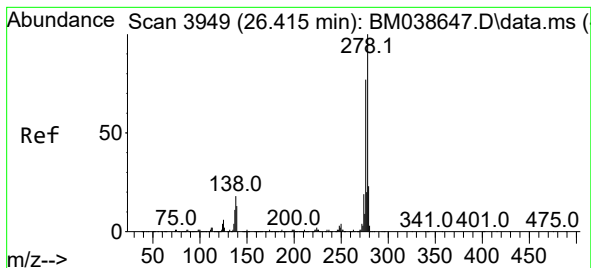
Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

125 10.6 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 41.819 ng

RT: 26.326 min Scan# 3949

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

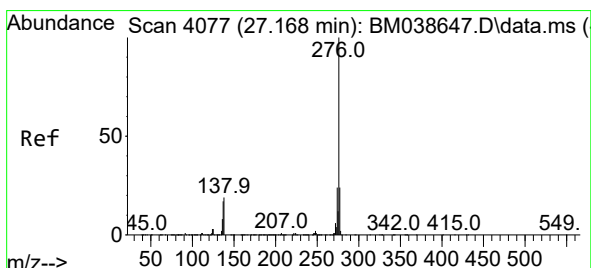
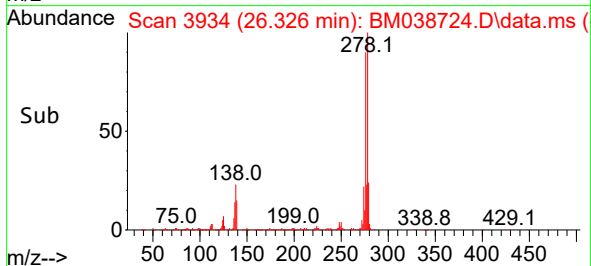
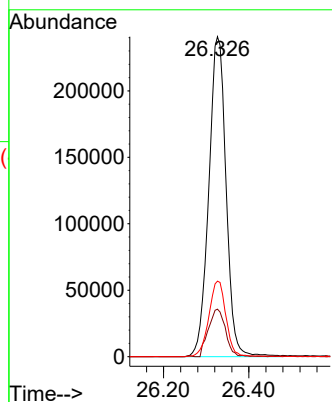
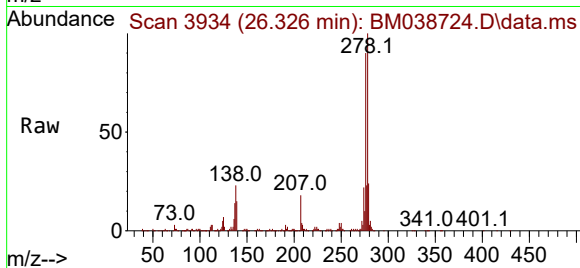
Tgt Ion:278 Resp: 678080

Ion Ratio Lower Upper

278 100

139 14.8 10.5 15.7

279 23.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 40.692 ng

RT: 27.079 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BM038724.D

Acq: 14 Feb 2023 11:00

Tgt Ion:276 Resp: 666964

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 20.9 15.3 22.9

