

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022023\  
 Data File : BM038791.D  
 Acq On : 20 Feb 2023 17:41  
 Operator : CG/JU  
 Sample : 01593-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-26-SB01MS

Quant Time: Feb 21 02:08:44 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 21 02:04:34 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 43911    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.692 | 136  | 162658   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.533 | 164  | 96681    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.286 | 188  | 187501   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.468 | 240  | 193763   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.844 | 264  | 236669   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 308142   | 137.465 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.057  | 99   | 359041   | 140.436 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.057  | 82   | 213023   | 74.388  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.033 | 330  | 162779   | 123.870 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 575189   | 75.741  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.903 | 244  | 860199   | 78.342  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.269  | 88   | 36092    | 36.522  | ng    | 95       |
| 3) Pyridine                   | 3.687  | 79   | 92637    | 39.422  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.605  | 42   | 42210    | 39.789  | ng    | # 76     |
| 6) Aniline                    | 7.210  | 93   | 90617    | 28.414  | ng    | 93       |
| 8) 2-Chlorophenol             | 7.445  | 128  | 130025   | 53.158  | ng    | 93       |
| 9) Benzaldehyde               | 7.016  | 77   | 55341    | 49.112  | ng    | 92       |
| 10) Phenol                    | 7.087  | 94   | 137584   | 53.269  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.304  | 93   | 103074   | 49.278  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.763  | 146  | 154543   | 49.451  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.916  | 146  | 158724   | 50.325  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.228  | 146  | 151665   | 50.195  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.134  | 79   | 89625    | 47.629  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.404  | 45   | 84881    | 42.842  | ng    | 97       |
| 17) 2-Methylphenol            | 8.340  | 107  | 94605    | 47.753  | ng    | 96       |
| 18) Hexachloroethane          | 8.951  | 117  | 55489    | 54.477  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.698  | 70   | 74102    | 48.086  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 128139   | 48.512  | ng    | 94       |
| 22) Acetophenone              | 8.716  | 105  | 170744   | 44.017  | ng    | 96       |
| 24) Nitrobenzene              | 9.098  | 77   | 117983   | 40.591  | ng    | 90       |
| 25) Isophorone                | 9.628  | 82   | 206522   | 41.168  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.810  | 139  | 73832    | 45.648  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 108399   | 46.452  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.110 | 93   | 129685   | 42.301  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 130000   | 39.211  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.551 | 180  | 133903   | 37.969  | ng    | 97       |
| 31) Naphthalene               | 10.745 | 128  | 370507   | 44.389  | ng    | 98       |
| 32) Benzoic acid              | 10.039 | 122  | 86616    | 45.852  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.869 | 127  | 38206    | 10.444  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.010 | 225  | 77630    | 43.942  | ng    | 99       |
| 35) Caprolactam               | 11.675 | 113  | 31158    | 43.638  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 12.004 | 107  | 101797   | 41.524  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.357 | 142  | 263389   | 39.048  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.575 | 142  | 246042   | 38.711  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 118834   | 47.228  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.692 | 237  | 132222   | 84.684  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.975 | 196  | 87277    | 44.152  | ng    | 92       |

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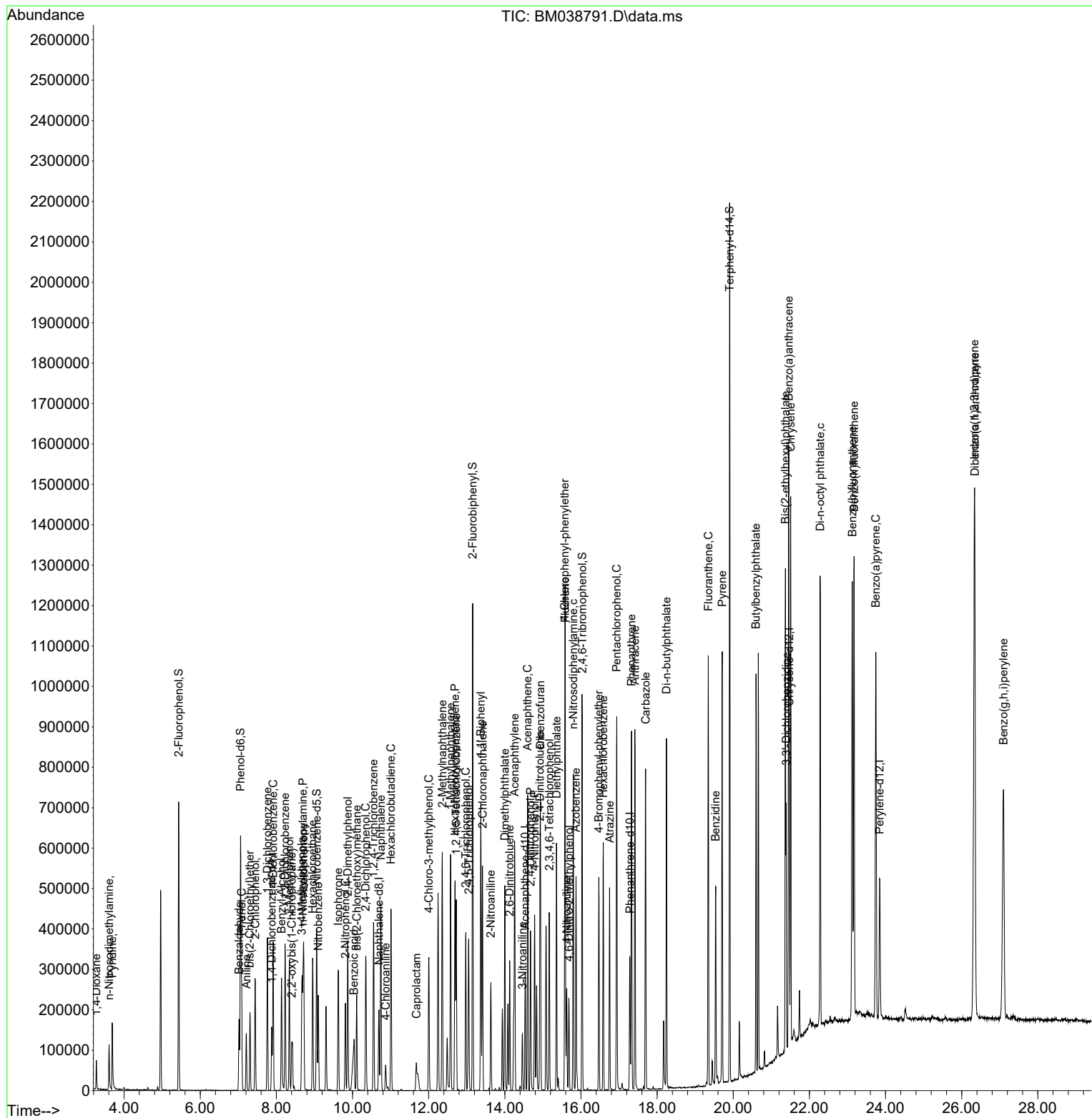
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.051 | 196  | 92354    | 39.702 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 350622   | 45.782 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.416 | 162  | 279212   | 46.332 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.633 | 65   | 58712    | 43.388 | ng    | 88       |
| 49) Acenaphthylene            | 14.257 | 152  | 434477   | 45.773 | ng    | 99       |
| 50) Dimethylphthalate         | 13.998 | 163  | 335765   | 42.557 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.127 | 165  | 72089    | 44.956 | ng    | 97       |
| 52) Acenaphthene              | 14.598 | 154  | 251746   | 44.418 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.463 | 138  | 40919    | 25.183 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.674 | 184  | 82911    | 79.436 | ng    | # 83     |
| 55) Dibenzofuran              | 14.933 | 168  | 403973   | 41.391 | ng    | 93       |
| 56) 4-Nitrophenol             | 14.780 | 139  | 127948   | 99.487 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.921 | 165  | 97856    | 41.582 | ng    | # 91     |
| 58) Fluorene                  | 15.586 | 166  | 327519   | 42.412 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.168 | 232  | 71883    | 44.400 | ng    | 95       |
| 60) Diethylphthalate          | 15.357 | 149  | 337956   | 45.216 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.574 | 204  | 145239   | 44.333 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.627 | 138  | 68114    | 39.863 | ng    | 97       |
| 63) Azobenzene                | 15.868 | 77   | 267009   | 46.432 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.686 | 198  | 48127    | 40.773 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.798 | 169  | 272160   | 44.454 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.468 | 248  | 85026    | 46.964 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 107483   | 48.578 | ng    | 97       |
| 69) Atrazine                  | 16.751 | 200  | 90730    | 51.132 | ng    | 97       |
| 70) Pentachlorophenol         | 16.939 | 266  | 135241   | 83.848 | ng    | 99       |
| 71) Phenanthrene              | 17.327 | 178  | 488017   | 43.834 | ng    | 99       |
| 72) Anthracene                | 17.415 | 178  | 506104   | 44.436 | ng    | 99       |
| 73) Carbazole                 | 17.698 | 167  | 483399   | 45.508 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 607008   | 50.580 | ng    | 99       |
| 75) Fluoranthene              | 19.345 | 202  | 556893   | 47.641 | ng    | 99       |
| 77) Benzidine                 | 19.539 | 184  | 277540   | 47.697 | ng    | 99       |
| 78) Pyrene                    | 19.709 | 202  | 591700   | 39.664 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.598 | 149  | 297435   | 40.372 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.456 | 228  | 642679   | 46.890 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.392 | 252  | 157216   | 33.341 | ng    | 98       |
| 83) Chrysene                  | 21.509 | 228  | 603150   | 45.673 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 458650   | 42.615 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.280 | 149  | 838428   | 47.747 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.332 | 276  | 924786   | 49.609 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.127 | 252  | 715516   | 50.475 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.174 | 252  | 717229   | 49.825 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.744 | 252  | 626798   | 44.713 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.344 | 278  | 780719   | 49.779 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.097 | 276  | 693794   | 43.762 | ng    | 98       |

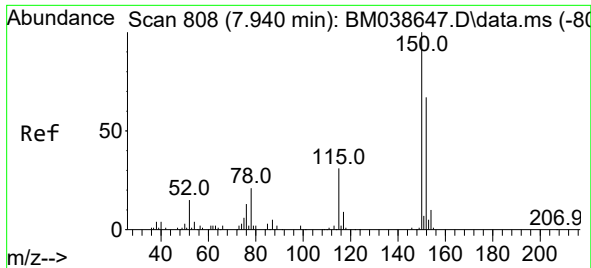
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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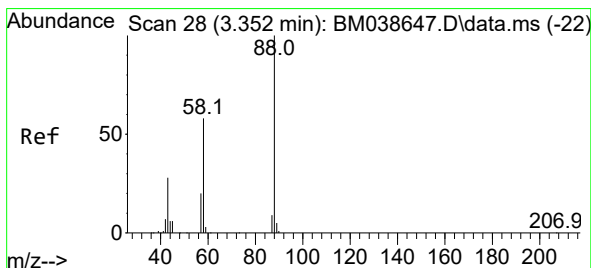
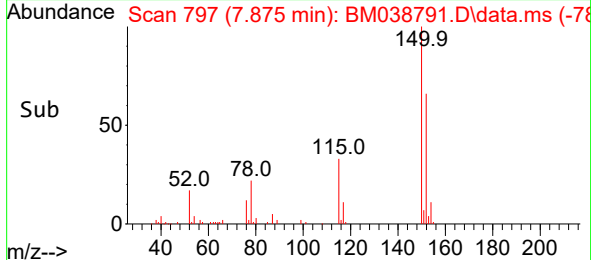
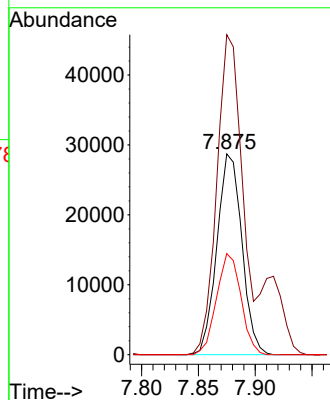
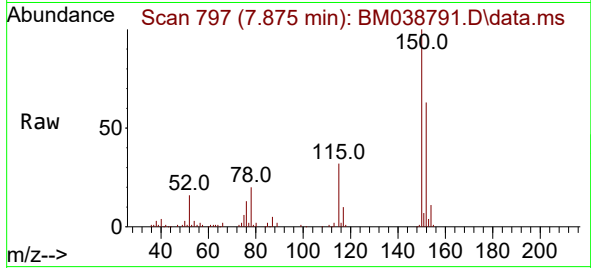




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.875 min Scan# 7  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
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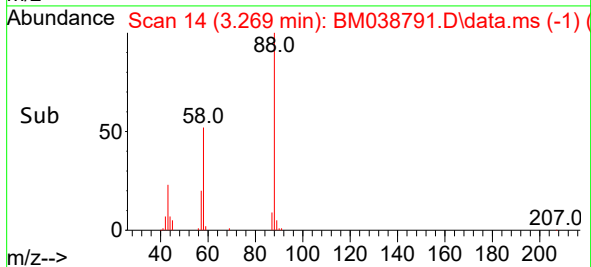
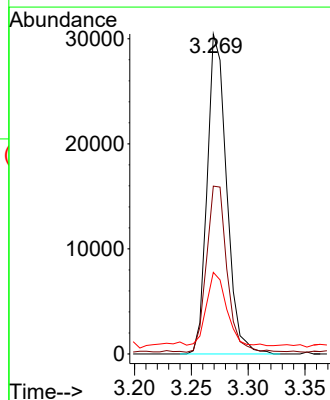
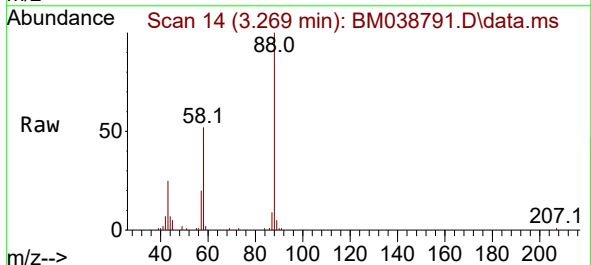
Instrument :  
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ClientSampleId :  
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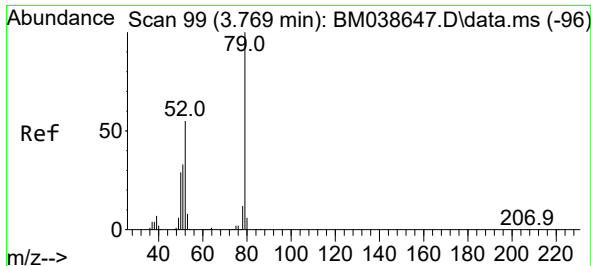
Tgt Ion:152 Resp: 43911  
Ion Ratio Lower Upper  
152 100  
150 159.3 119.5 179.3  
115 50.3 37.6 56.4



#2  
1,4-Dioxane  
Concen: 36.522 ng  
RT: 3.269 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 88 Resp: 36092  
Ion Ratio Lower Upper  
88 100  
58 55.1 47.0 70.4  
43 25.0 22.6 33.8

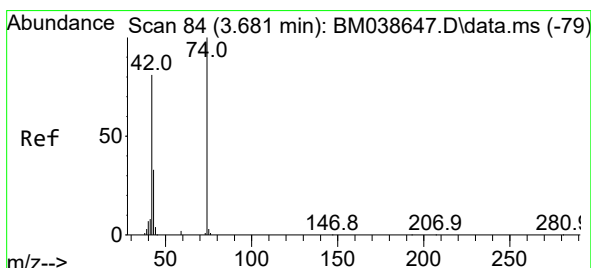
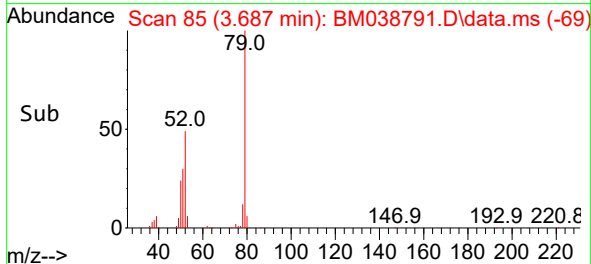
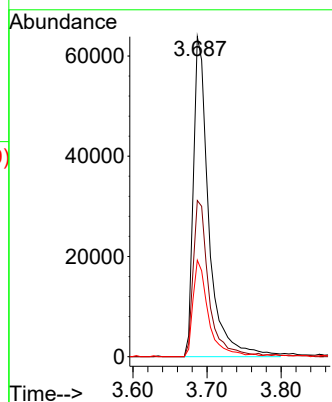
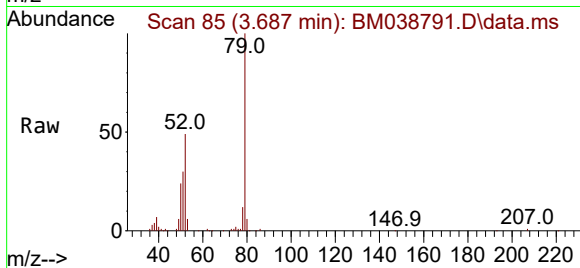




#3  
Pyridine  
Concen: 39.422 ng  
RT: 3.687 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
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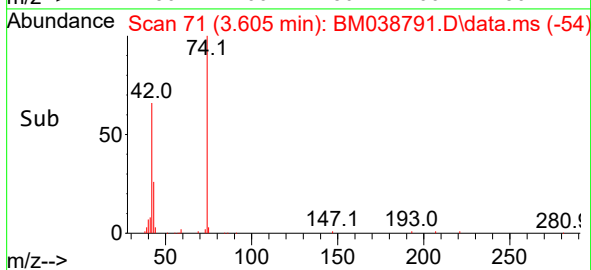
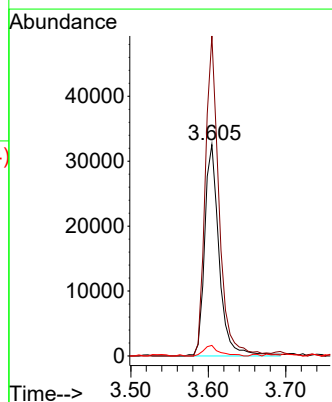
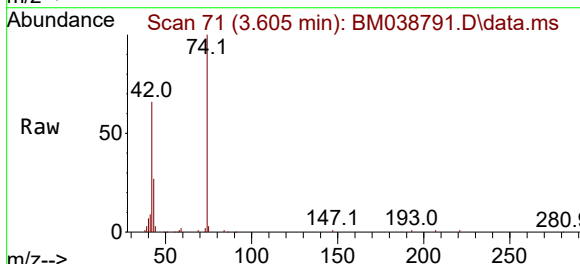
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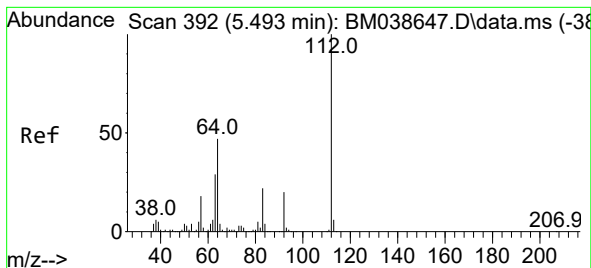
Tgt Ion: 79 Resp: 92637  
Ion Ratio Lower Upper  
79 100  
52 48.8 43.7 65.5  
51 30.1 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 39.789 ng  
RT: 3.605 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 42 Resp: 42210  
Ion Ratio Lower Upper  
42 100  
74 151.4 98.4 147.6#  
44 5.0 3.5 5.3

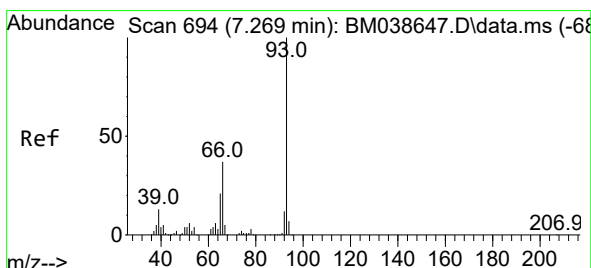
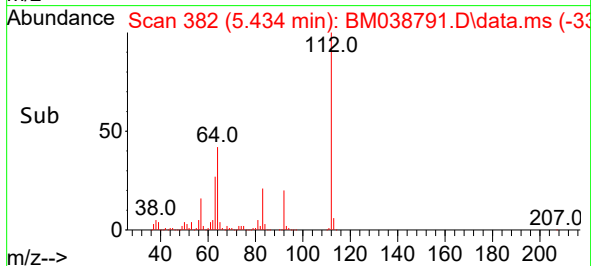
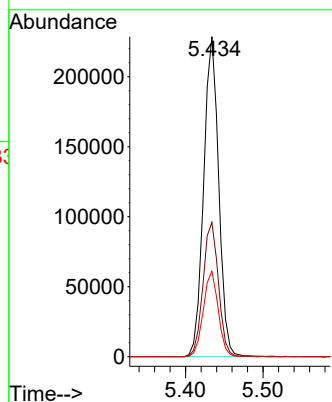
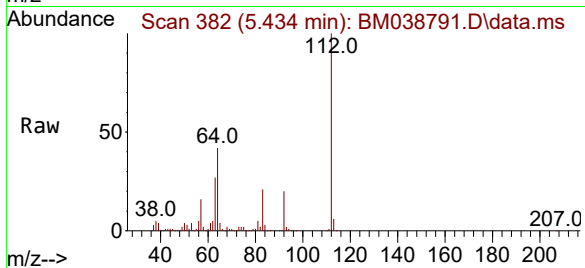




#5  
2-Fluorophenol  
Concen: 137.465 ng  
RT: 5.434 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
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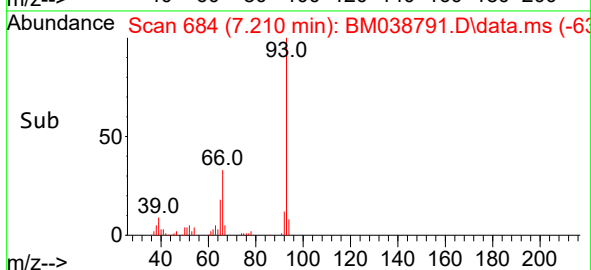
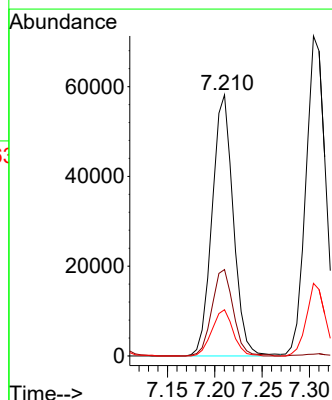
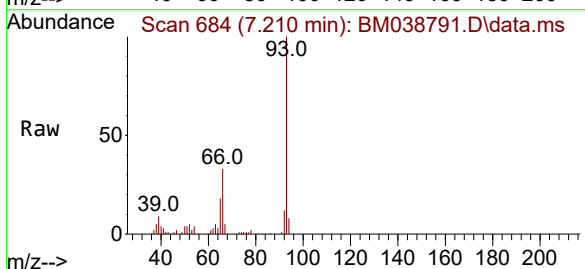
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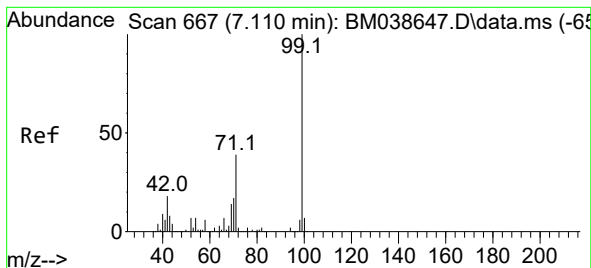
Tgt Ion:112 Resp: 308142  
Ion Ratio Lower Upper  
112 100  
64 42.0 37.9 56.9  
63 26.7 23.3 34.9



#6  
Aniline  
Concen: 28.414 ng  
RT: 7.210 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
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Tgt Ion: 93 Resp: 90617  
Ion Ratio Lower Upper  
93 100  
66 33.1 29.8 44.8  
65 17.7 16.9 25.3

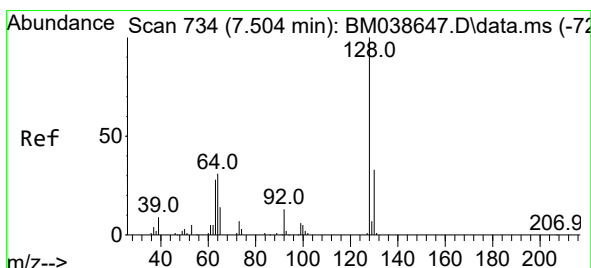
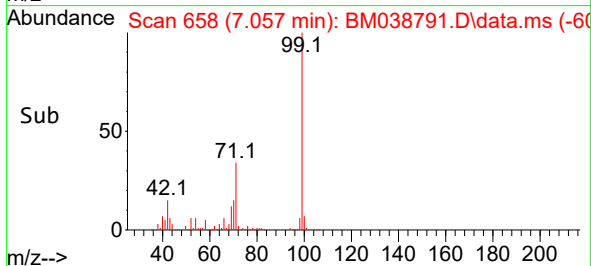
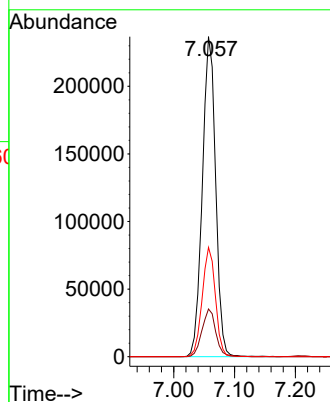
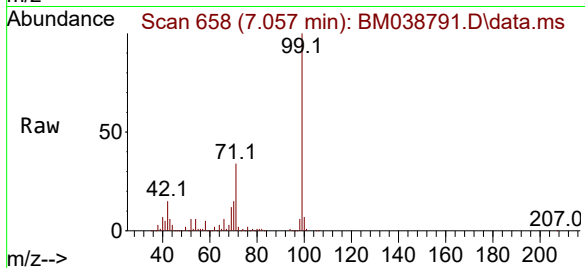




#7  
Phenol-d6  
Concen: 140.436 ng  
RT: 7.057 min Scan# 61  
Delta R.T. 0.000 min  
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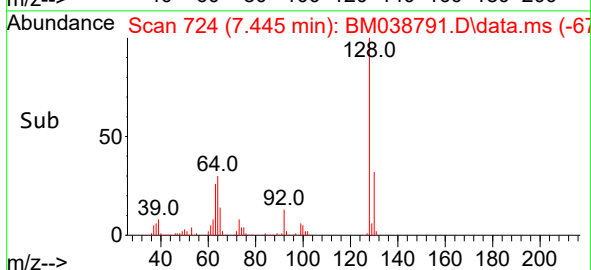
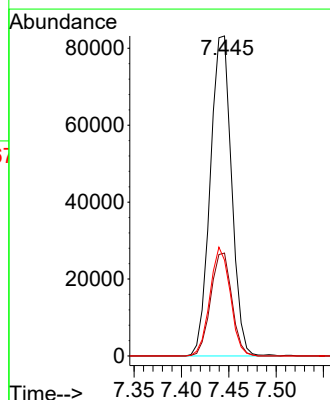
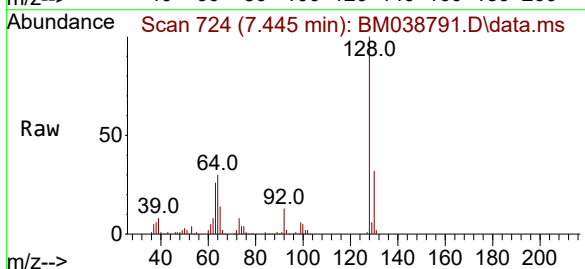
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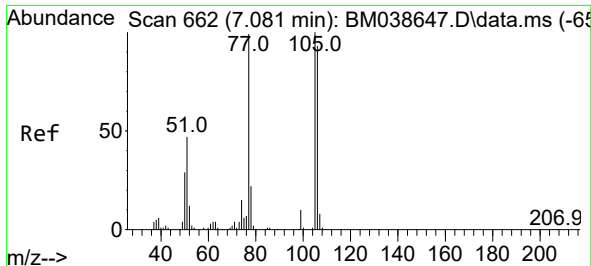
Tgt Ion: 99 Resp: 359041  
Ion Ratio Lower Upper  
99 100  
42 14.9 14.6 22.0  
71 34.2 31.0 46.4



#8  
2-Chlorophenol  
Concen: 53.158 ng  
RT: 7.445 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 128 Resp: 130025  
Ion Ratio Lower Upper  
128 100  
130 32.1 13.2 53.2  
64 30.0 17.3 57.3

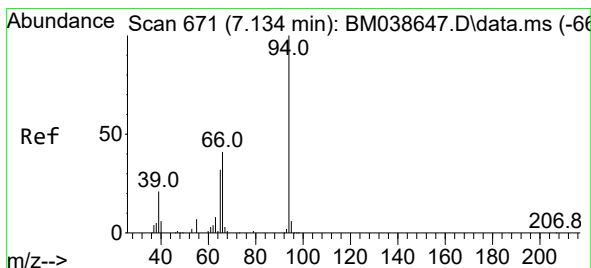
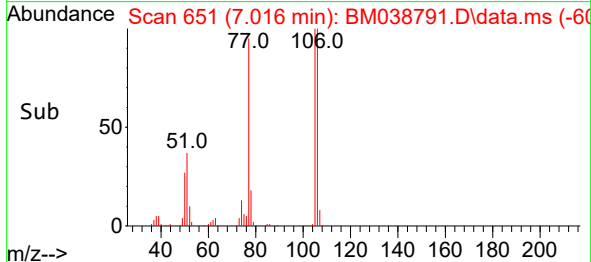
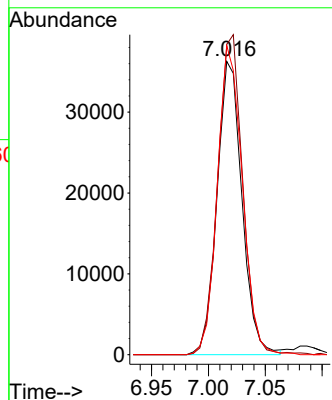
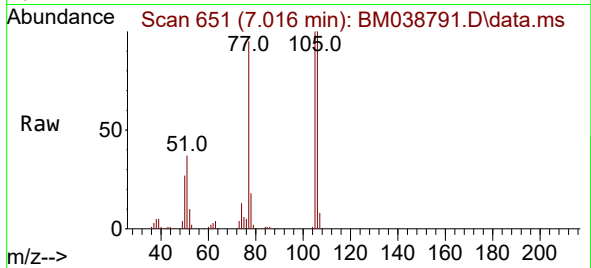




#9  
Benzaldehyde  
Concen: 49.112 ng  
RT: 7.016 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

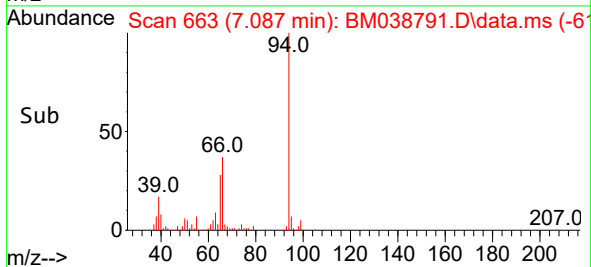
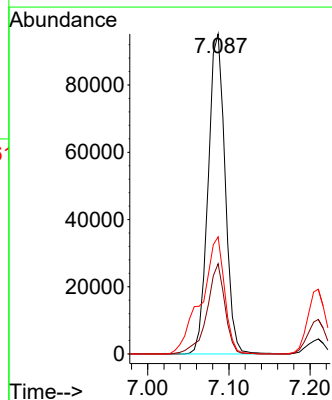
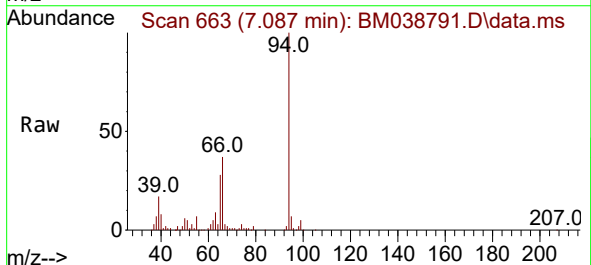
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

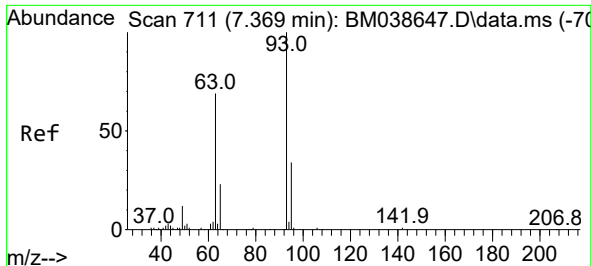
Tgt Ion: 77 Resp: 55341  
Ion Ratio Lower Upper  
77 100  
105 105.7 80.8 120.8  
106 105.3 73.8 113.8



#10  
Phenol  
Concen: 53.269 ng  
RT: 7.087 min Scan# 663  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 94 Resp: 137584  
Ion Ratio Lower Upper  
94 100  
65 28.2 12.3 52.3  
66 36.6 24.2 64.2

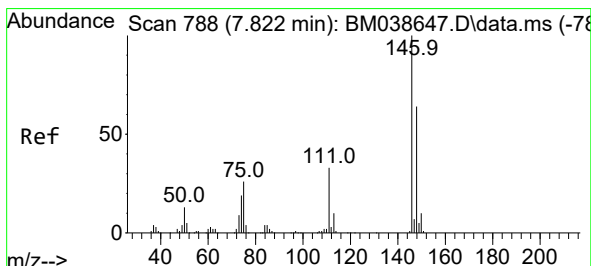
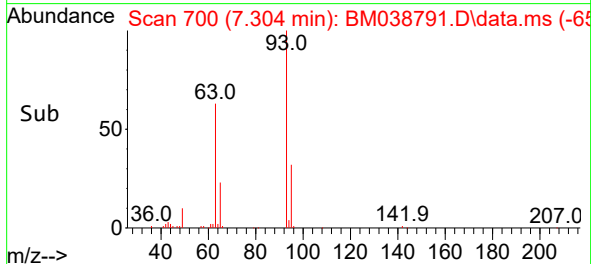
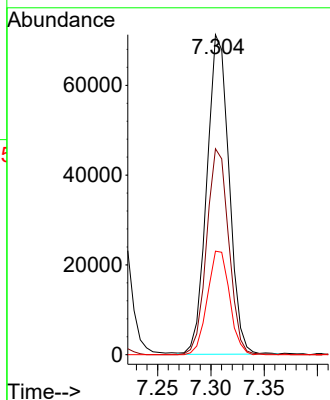
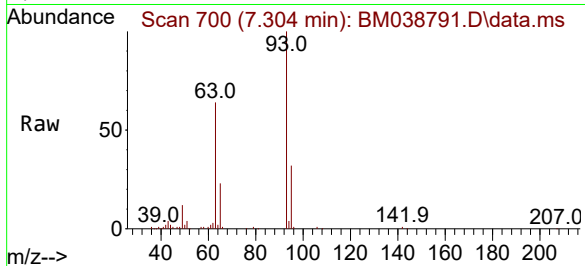




#11  
bis(2-Chloroethyl)ether  
Concen: 49.278 ng  
RT: 7.304 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

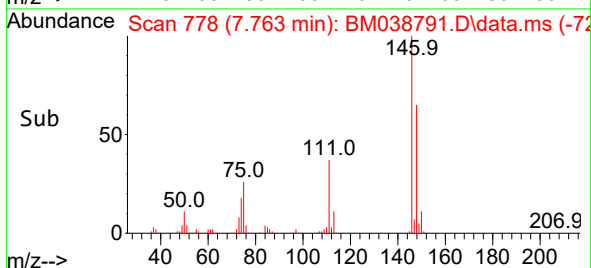
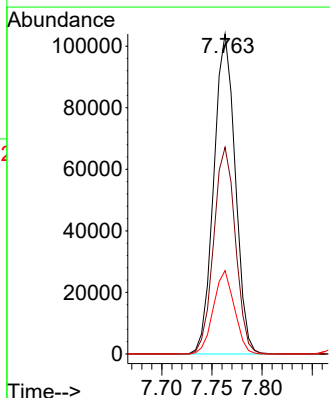
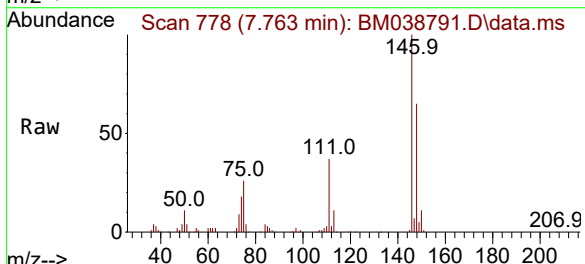
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

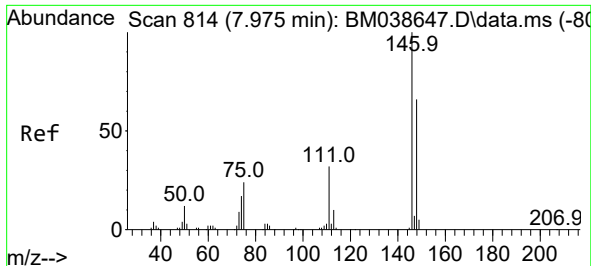
Tgt Ion: 93 Resp: 103074  
Ion Ratio Lower Upper  
93 100  
63 64.4 48.5 88.5  
95 32.3 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 49.451 ng  
RT: 7.763 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:146 Resp: 154543  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.5 77.3  
75 26.0 21.1 31.7

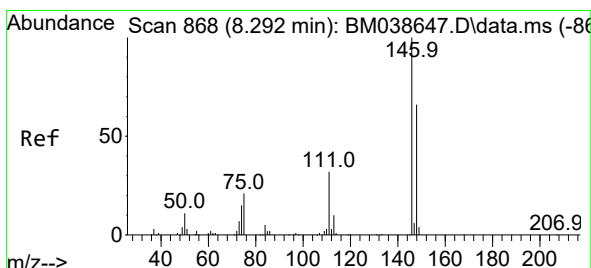
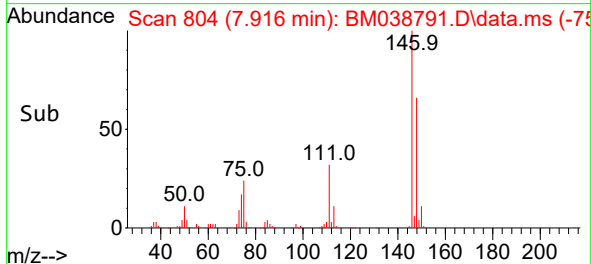
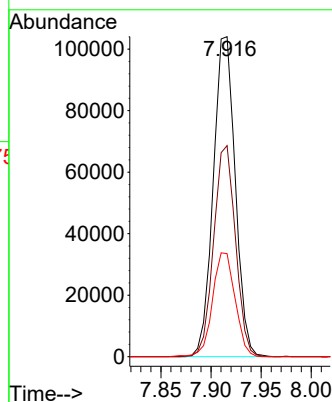
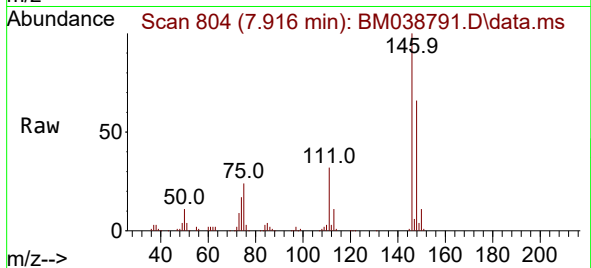




#13  
1,4-Dichlorobenzene  
Concen: 50.325 ng  
RT: 7.916 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

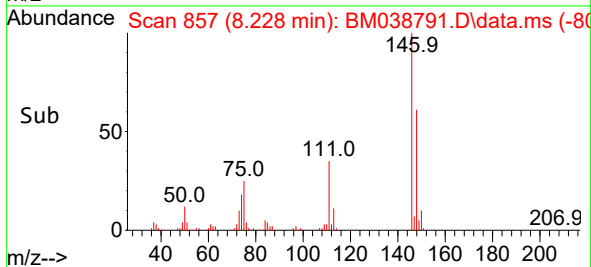
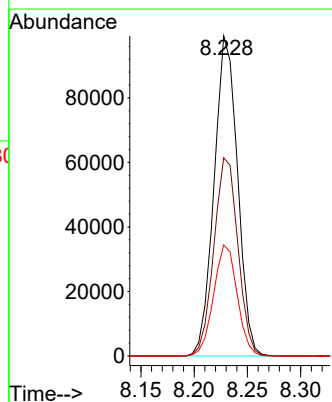
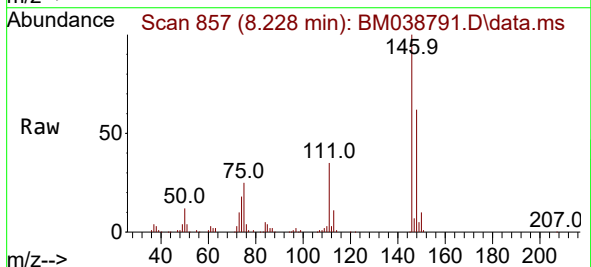
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

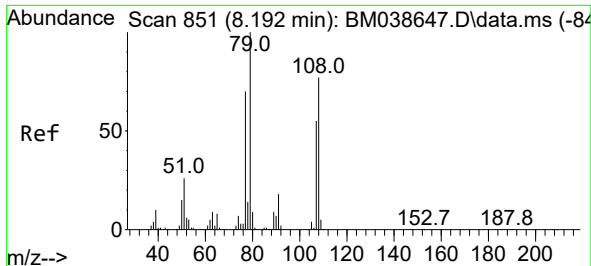
Tgt Ion:146 Resp: 158724  
Ion Ratio Lower Upper  
146 100  
148 66.0 53.1 79.7  
111 32.2 25.9 38.9



#14  
1,2-Dichlorobenzene  
Concen: 50.195 ng  
RT: 8.228 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:146 Resp: 151665  
Ion Ratio Lower Upper  
146 100  
148 61.9 52.9 79.3  
111 34.7 26.2 39.2

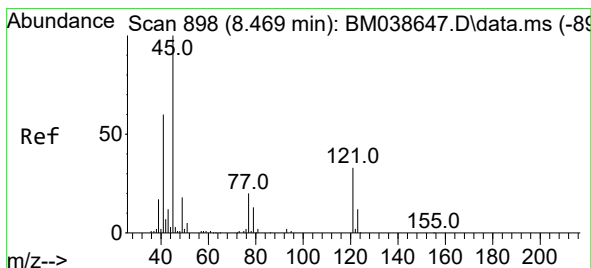
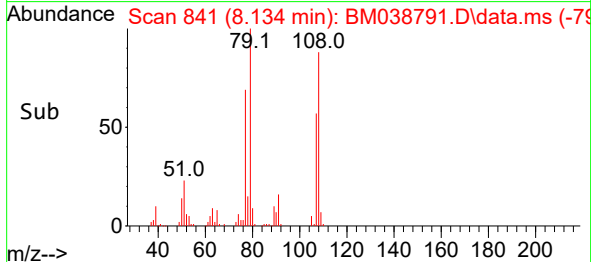
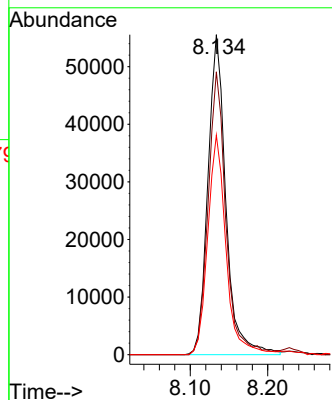
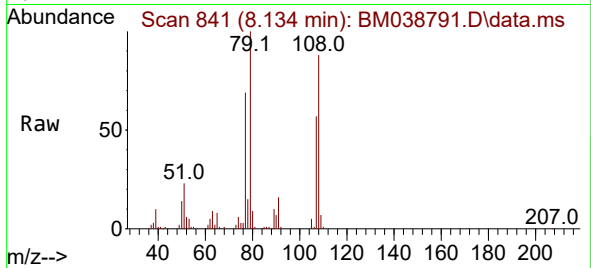




#15  
Benzyl Alcohol  
Concen: 47.629 ng  
RT: 8.134 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

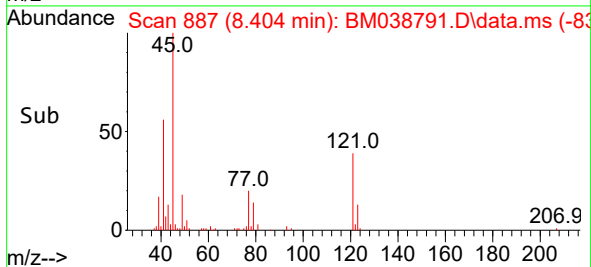
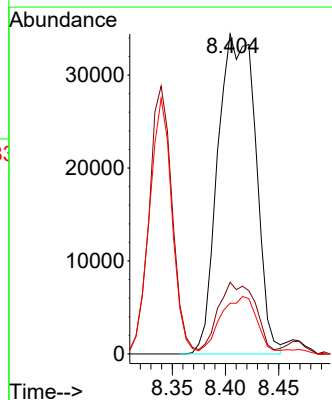
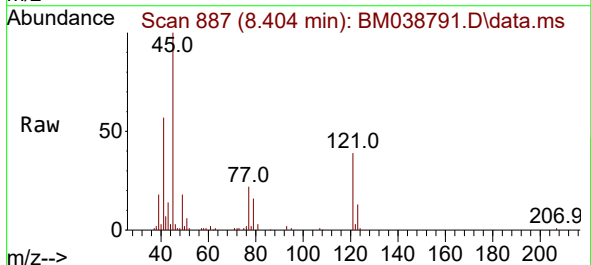
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

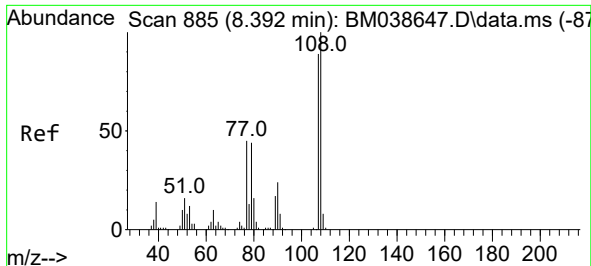
Tgt Ion: 79 Resp: 89625  
Ion Ratio Lower Upper  
79 100  
108 88.4 61.9 92.9  
77 68.6 55.8 83.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.842 ng  
RT: 8.404 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 45 Resp: 84881  
Ion Ratio Lower Upper  
45 100  
77 22.4 1.1 41.1  
79 15.8 0.0 34.6

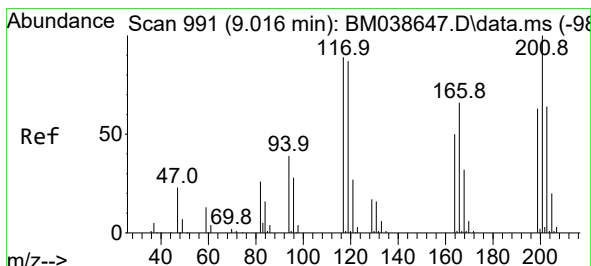
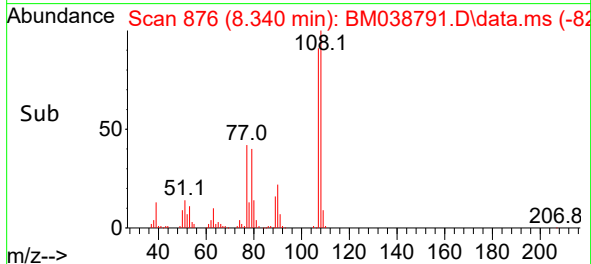
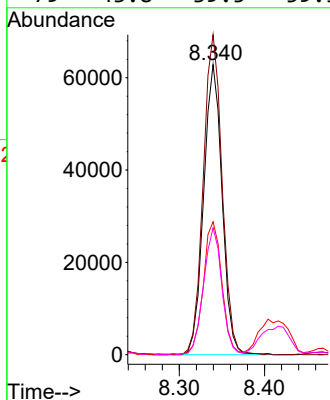
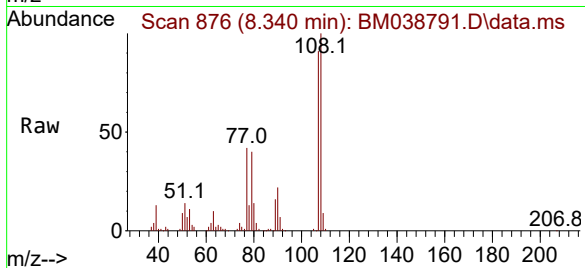




#17  
2-Methylphenol  
Concen: 47.753 ng  
RT: 8.340 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

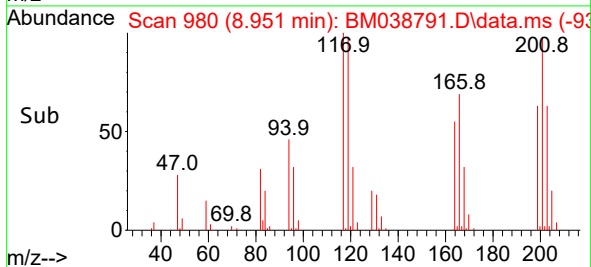
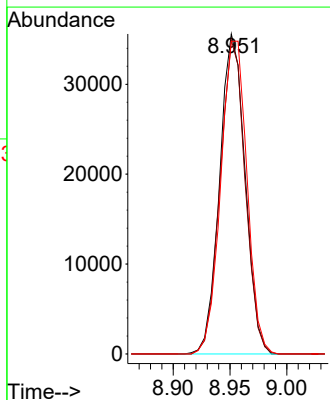
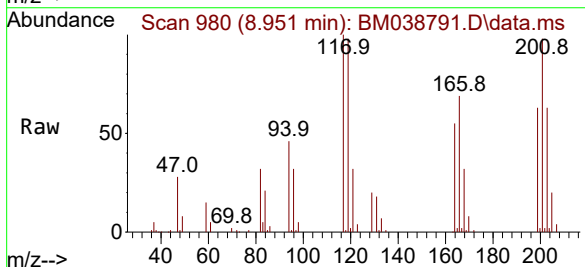
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

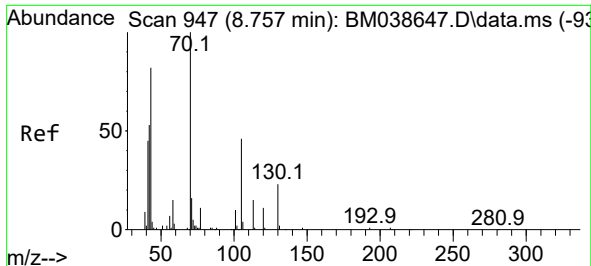
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 94605 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.3 | 89.6  | 134.4 |
| 77       | 45.9  | 40.7  | 61.1  |
| 79       | 43.8  | 39.5  | 59.3  |



#18  
Hexachloroethane  
Concen: 54.477 ng  
RT: 8.951 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 55489 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.1  | 78.6  | 117.8 |
| 201      | 97.7  | 90.2  | 135.2 |

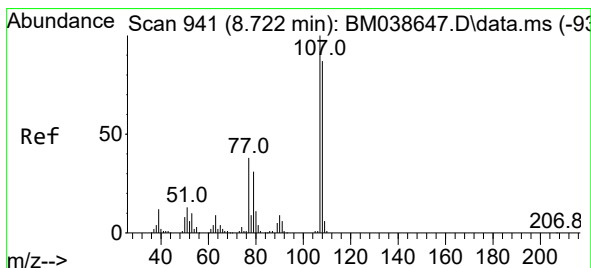
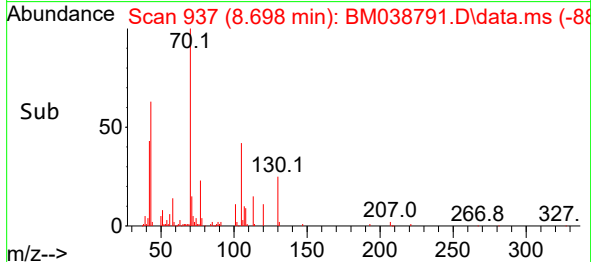
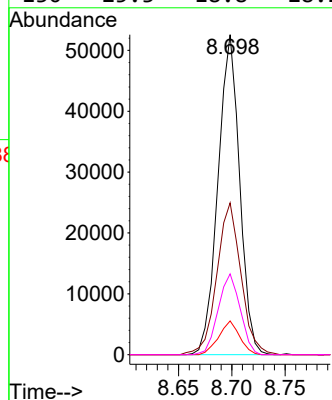
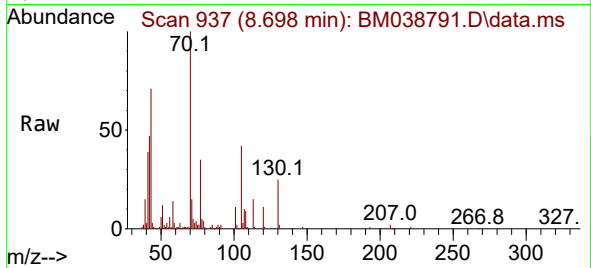




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.086 ng  
RT: 8.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

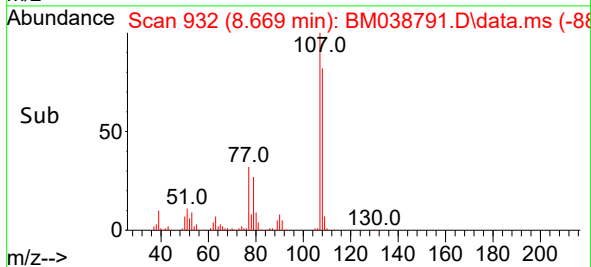
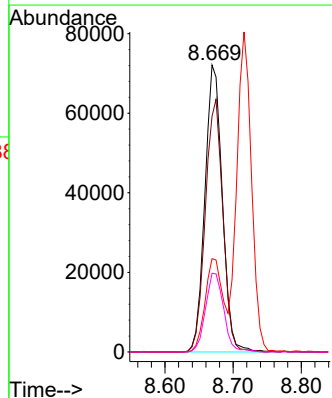
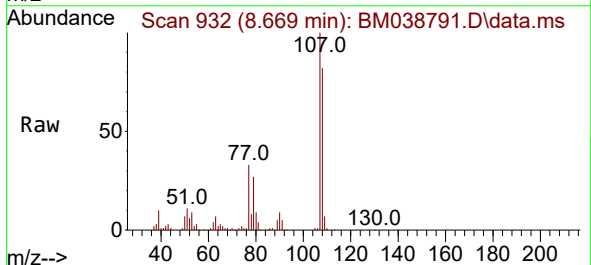
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

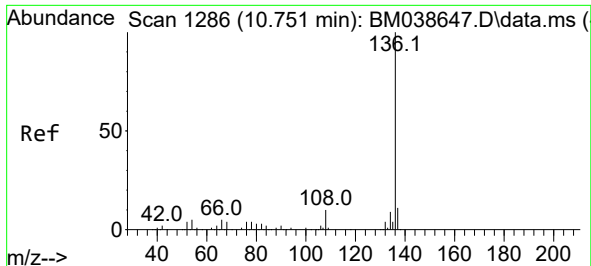
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 74102 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 47.5  | 43.4  | 65.2  |
| 101      | 10.6  | 8.2   | 12.2  |
| 130      | 25.3  | 18.8  | 28.2  |



#20  
3+4-Methylphenols  
Concen: 48.512 ng  
RT: 8.669 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 128139 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 82.1  | 67.2  | 107.2  |
| 77       | 32.5  | 17.5  | 57.5   |
| 79       | 27.4  | 10.8  | 50.8   |

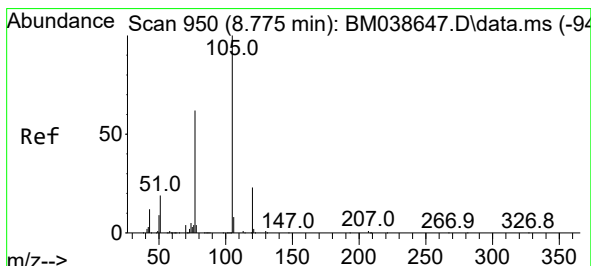
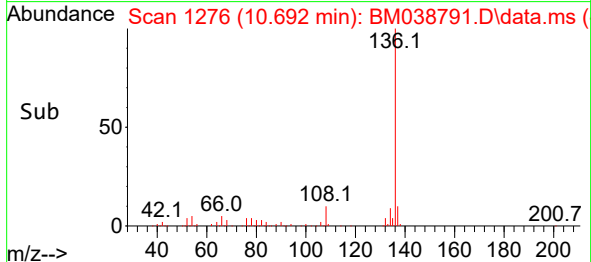
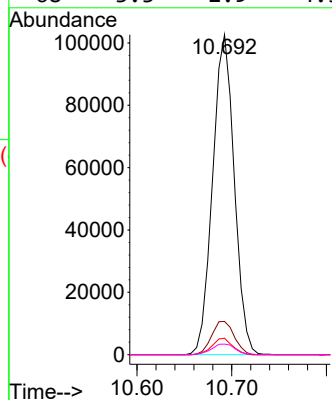
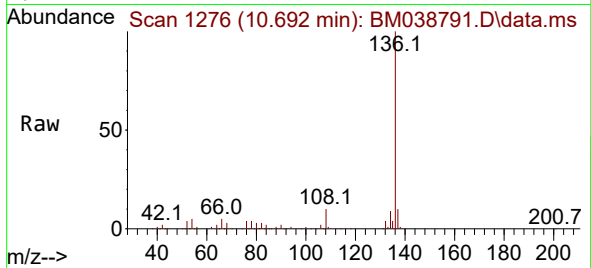




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.692 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

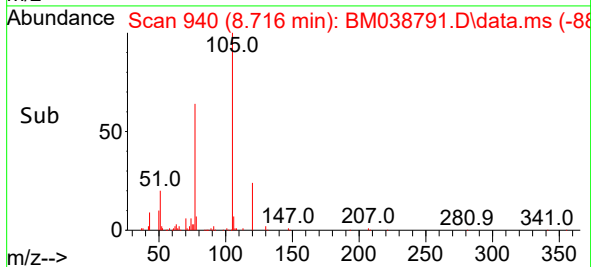
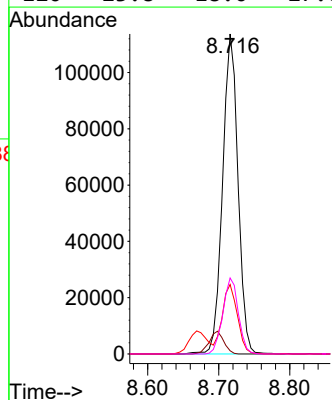
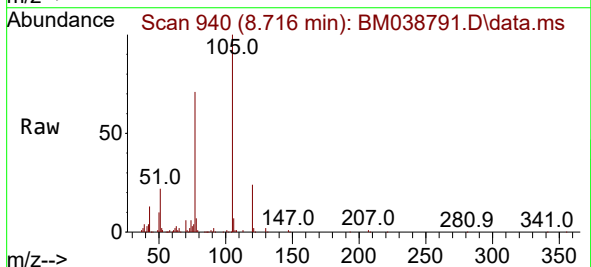
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

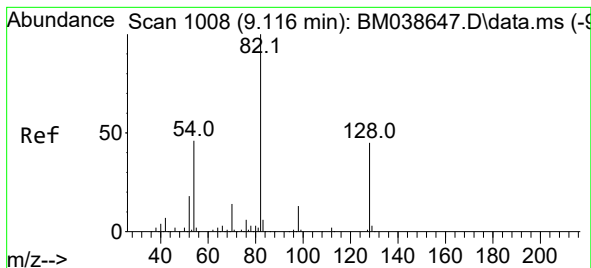
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 162658 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 8.8   | 13.2   |
| 54       | 5.2   | 4.2   | 6.4    |
| 68       | 3.3   | 2.9   | 4.3    |



#22  
Acetophenone  
Concen: 44.017 ng  
RT: 8.716 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 170744 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.0   | 0.9   | 1.3    |
| 51       | 21.7  | 19.3  | 28.9   |
| 120      | 23.8  | 18.0  | 27.0   |





#23

Nitrobenzene-d5

Concen: 74.388 ng

RT: 9.057 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

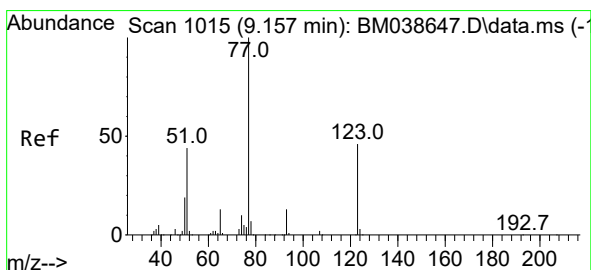
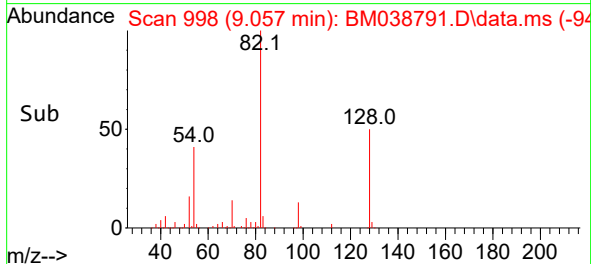
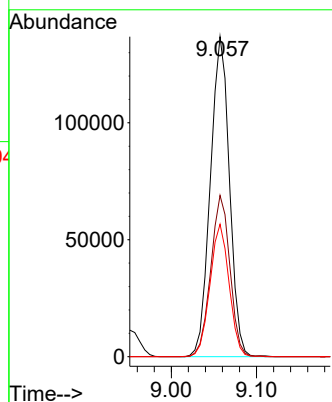
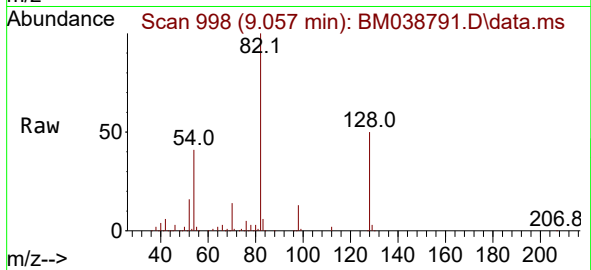
Tgt Ion: 82 Resp: 213023

Ion Ratio Lower Upper

82 100

128 50.4 36.0 54.0

54 41.4 36.8 55.2



#24

Nitrobenzene

Concen: 40.591 ng

RT: 9.098 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

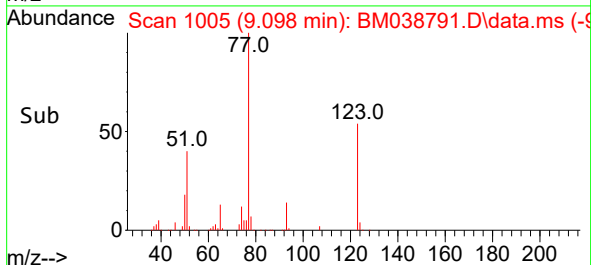
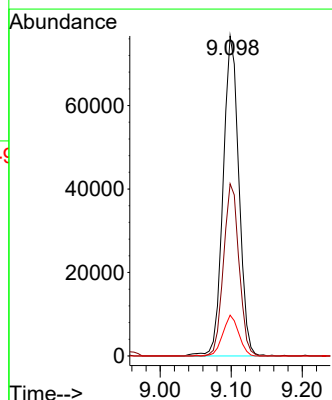
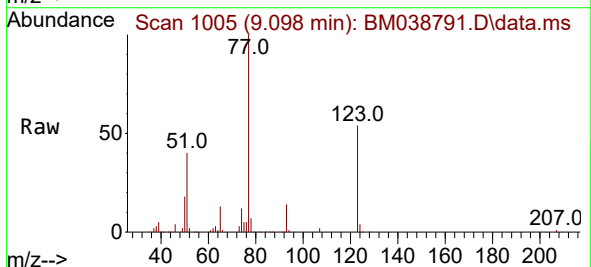
Tgt Ion: 77 Resp: 117983

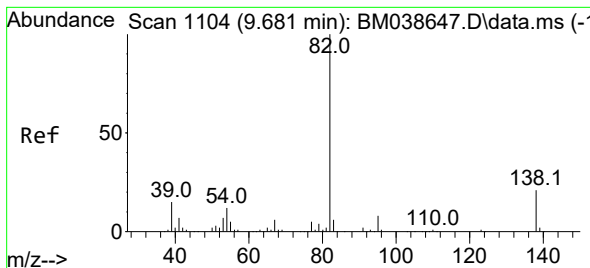
Ion Ratio Lower Upper

77 100

123 53.8 36.5 54.7

65 12.7 10.7 16.1





#25

Isophorone

Concen: 41.168 ng

RT: 9.628 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

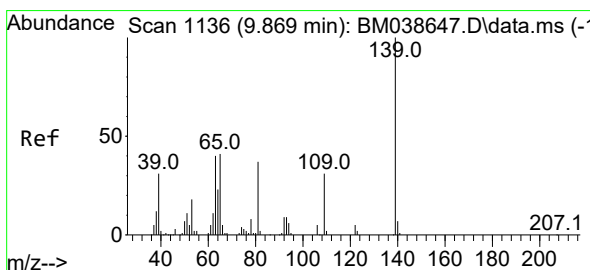
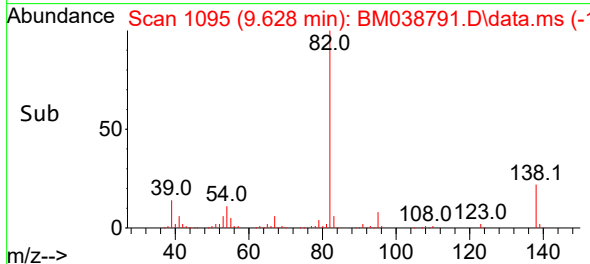
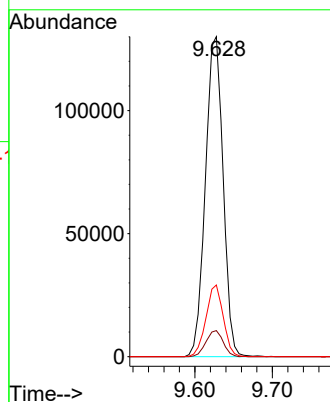
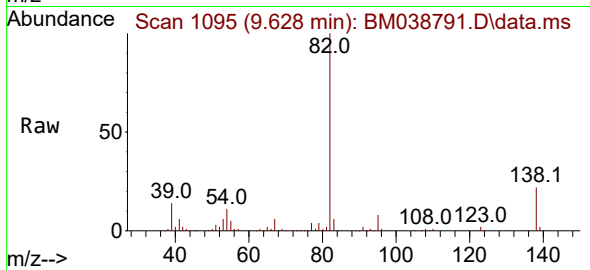
Tgt Ion: 82 Resp: 206522

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 22.4 17.0 25.6



#26

2-Nitrophenol

Concen: 45.648 ng

RT: 9.810 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

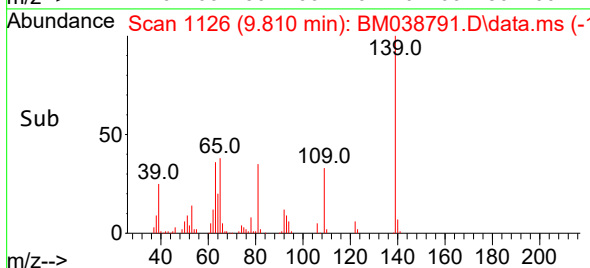
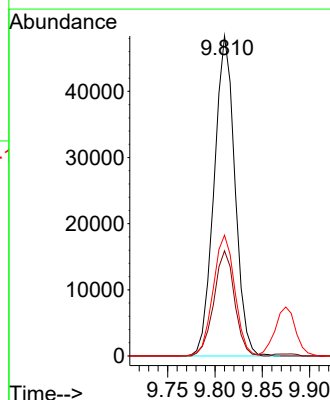
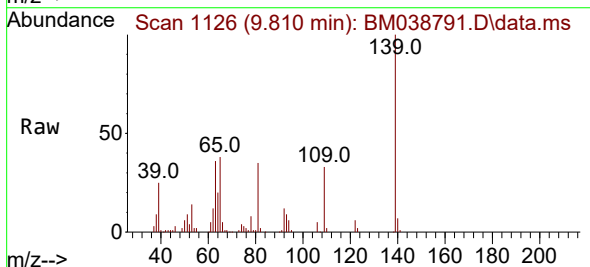
Tgt Ion: 139 Resp: 73832

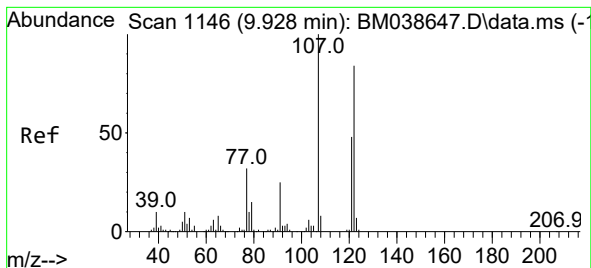
Ion Ratio Lower Upper

139 100

109 32.8 24.5 36.7

65 37.7 32.6 49.0

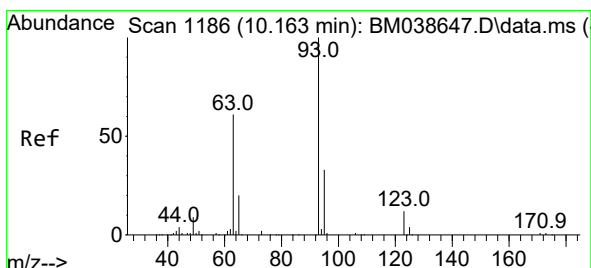
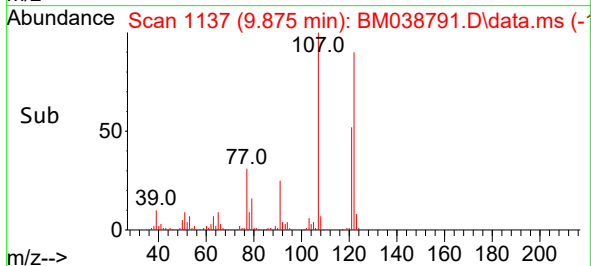
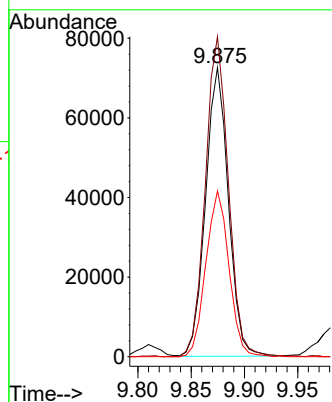
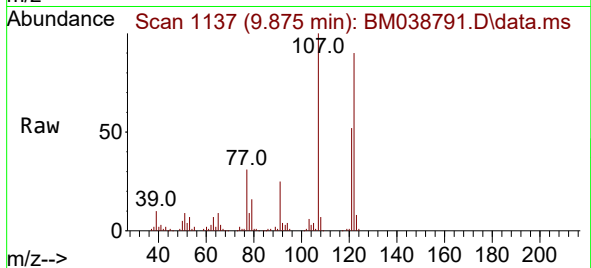




#27  
2,4-Dimethylphenol  
Concen: 46.452 ng  
RT: 9.875 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

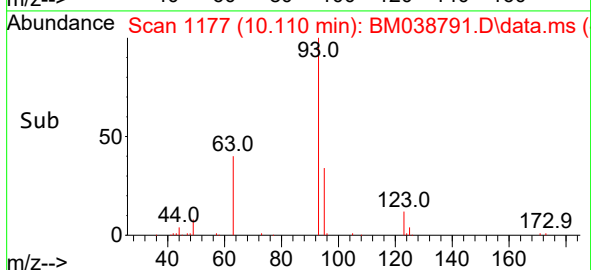
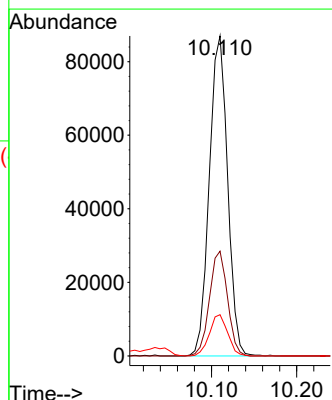
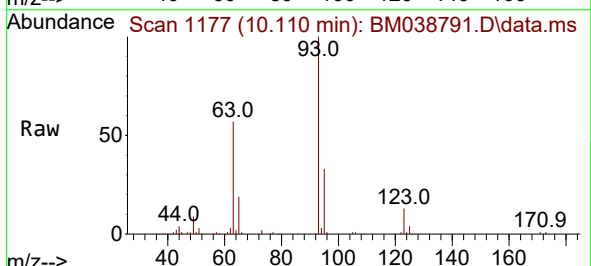
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

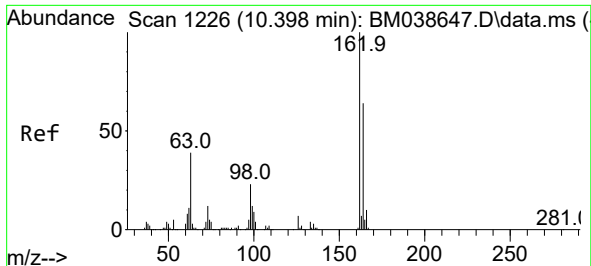
Tgt Ion:122 Resp: 108399  
Ion Ratio Lower Upper  
122 100  
107 110.7 94.9 142.3  
121 57.3 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.301 ng  
RT: 10.110 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 93 Resp: 129685  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.6 40.0  
123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.211 ng

RT: 10.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

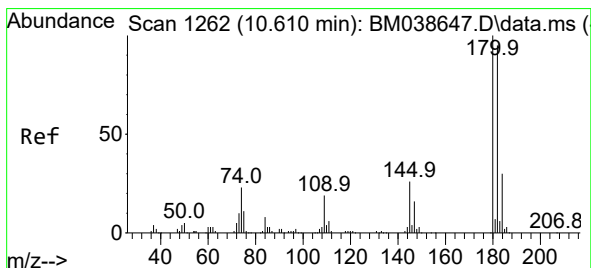
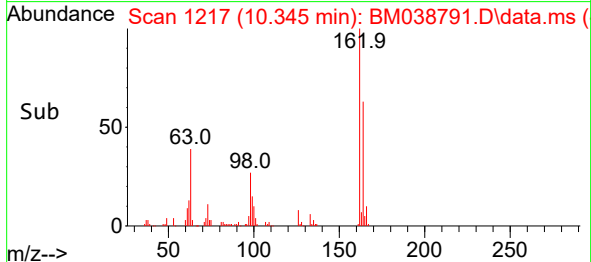
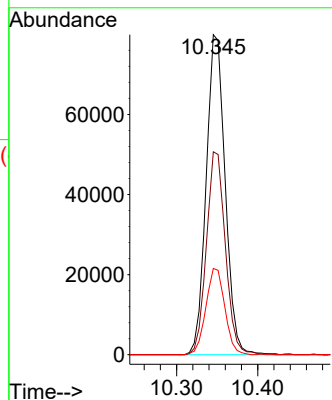
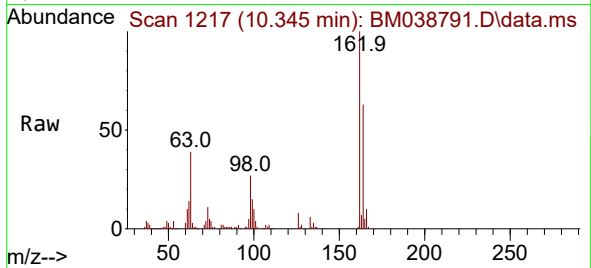
Tgt Ion:162 Resp: 130000

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

98 26.9 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 37.969 ng

RT: 10.551 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

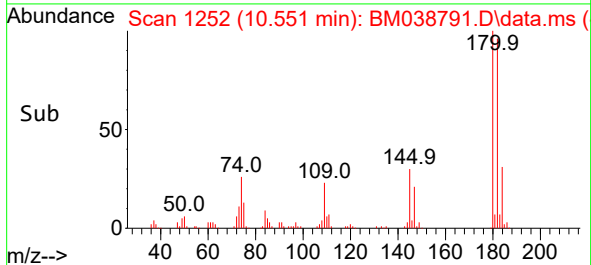
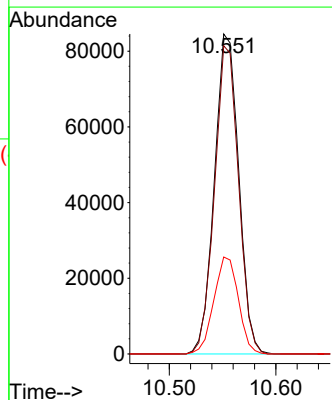
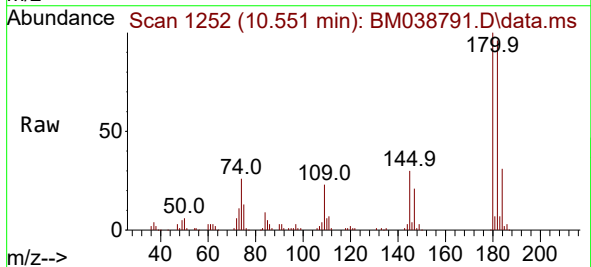
Tgt Ion:180 Resp: 133903

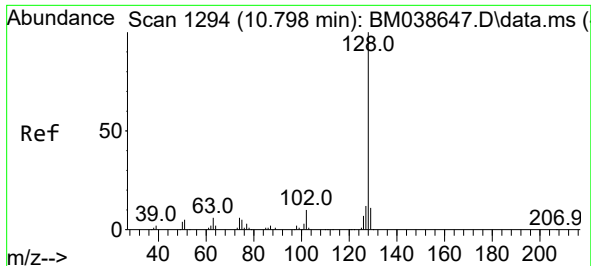
Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

145 30.3 20.8 31.2

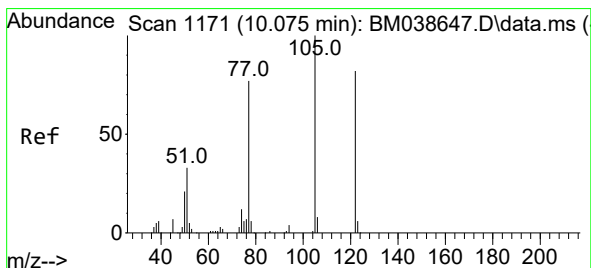
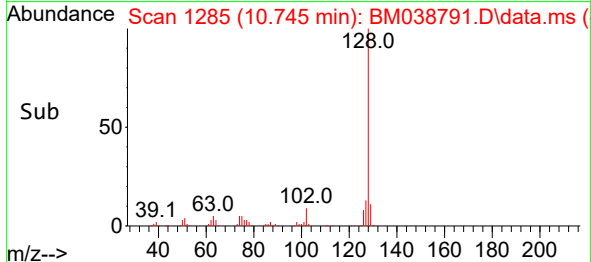
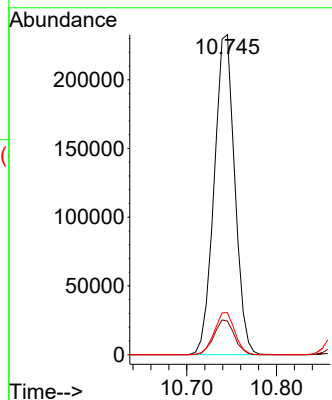
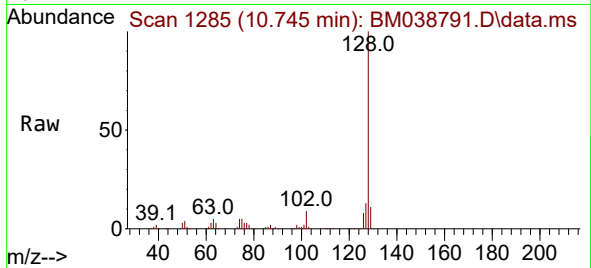




#31  
Naphthalene  
Concen: 44.389 ng  
RT: 10.745 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

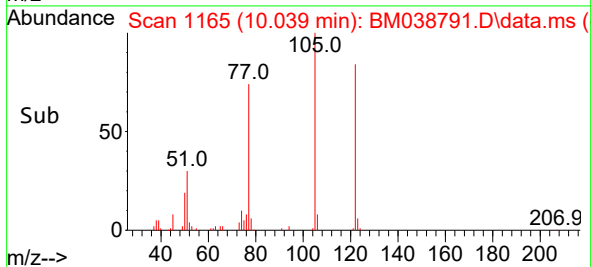
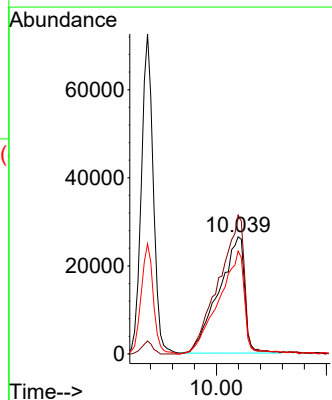
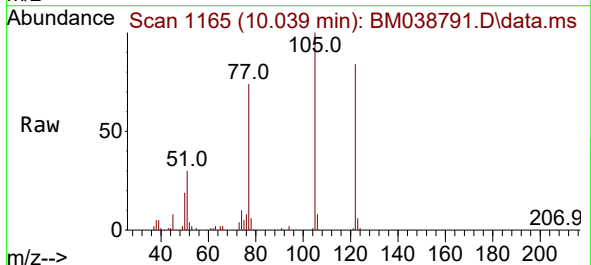
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

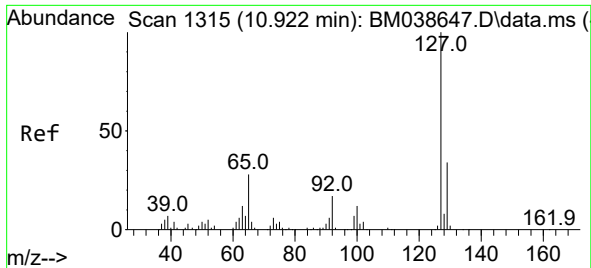
Tgt Ion:128 Resp: 370507  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.1 13.7  
127 13.2 9.9 14.9



#32  
Benzoic acid  
Concen: 45.852 ng  
RT: 10.039 min Scan# 1165  
Delta R.T. -0.012 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:122 Resp: 86616  
Ion Ratio Lower Upper  
122 100  
105 118.6 99.2 139.2  
77 87.9 72.3 112.3

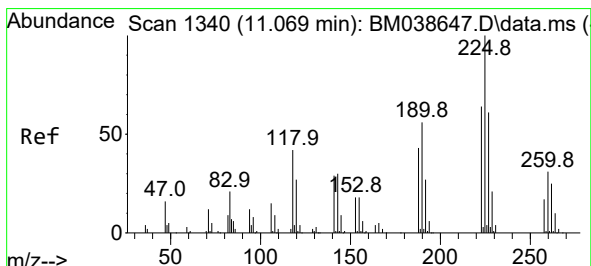
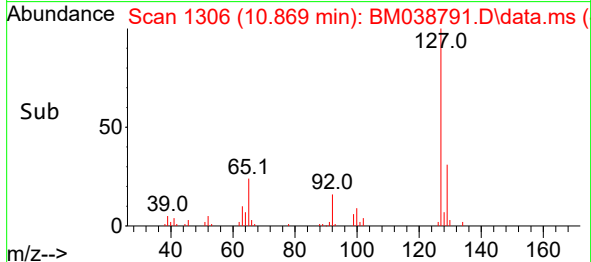
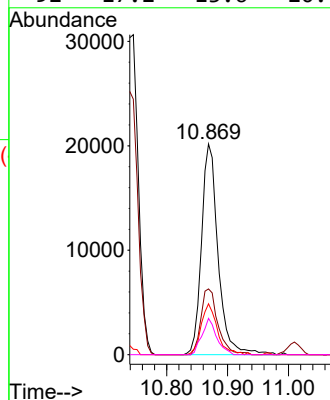
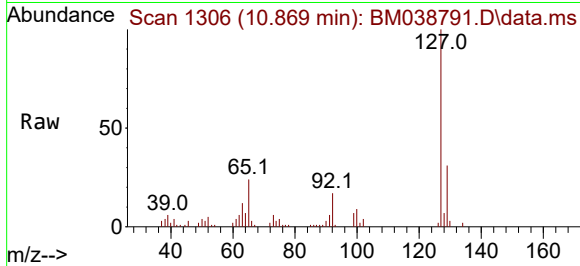




#33  
4-Chloroaniline  
Concen: 10.444 ng  
RT: 10.869 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

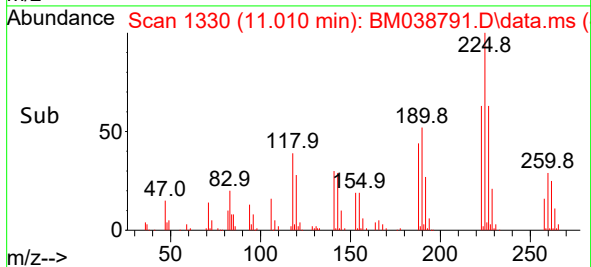
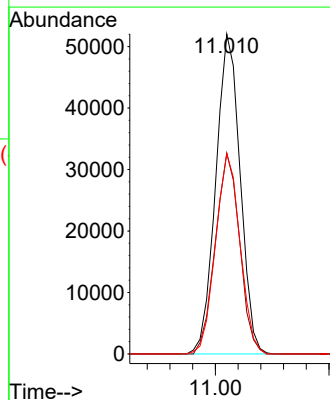
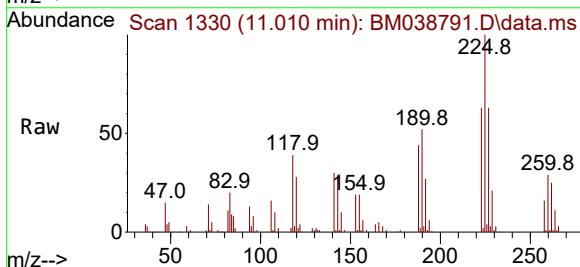
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

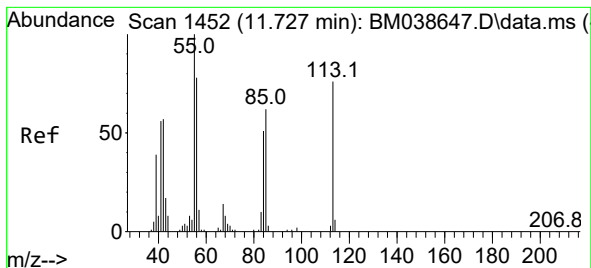
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 38206 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.2  | 27.1  | 40.7  |
| 65        | 24.1  | 22.2  | 33.4  |
| 92        | 17.2  | 13.6  | 20.4  |



#34  
Hexachlorobutadiene  
Concen: 43.942 ng  
RT: 11.010 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 77630 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.8  | 51.0  | 76.4  |
| 227       | 62.6  | 49.2  | 73.8  |

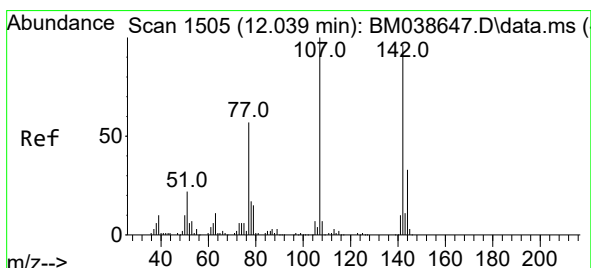
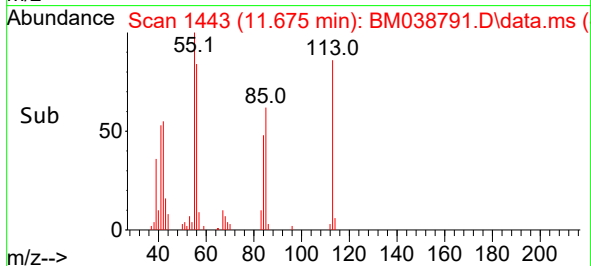
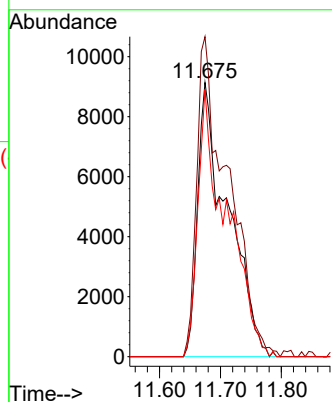
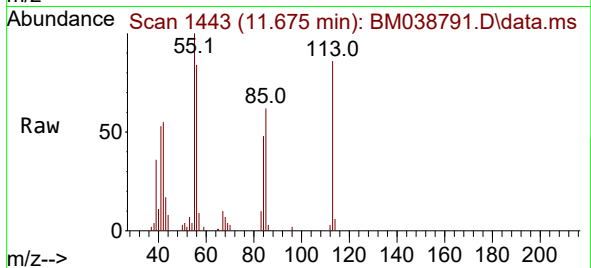




#35  
Caprolactam  
Concen: 43.638 ng  
RT: 11.675 min Scan# 1443  
Delta R.T. -0.012 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

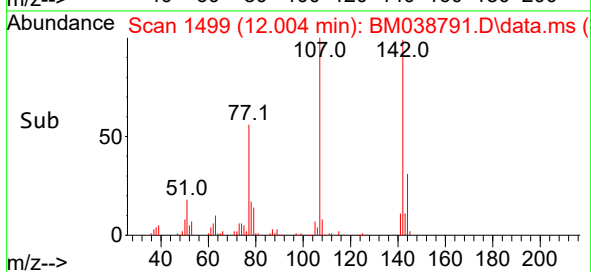
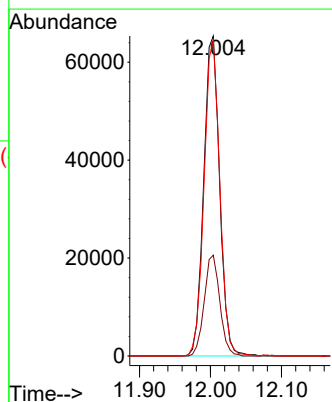
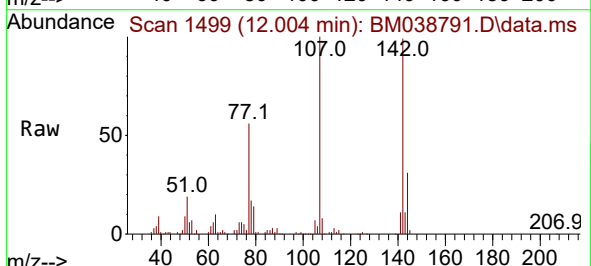
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

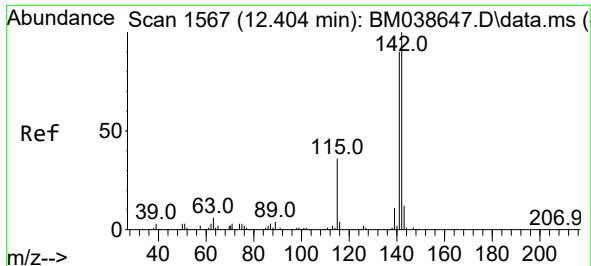
Tgt Ion:113 Resp: 31158  
Ion Ratio Lower Upper  
113 100  
55 116.7 111.2 151.2  
56 97.5 82.0 122.0



#36  
4-Chloro-3-methylphenol  
Concen: 41.524 ng  
RT: 12.004 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:107 Resp: 101797  
Ion Ratio Lower Upper  
107 100  
144 31.5 26.5 39.7  
142 98.7 77.0 115.6





#37

2-Methylnaphthalene

Concen: 39.048 ng

RT: 12.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

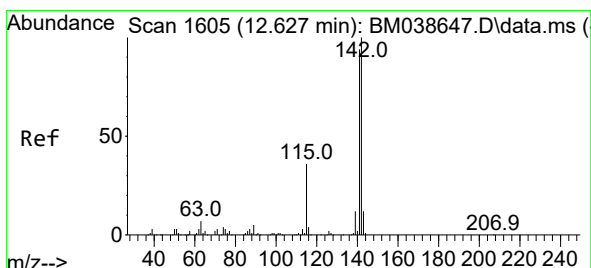
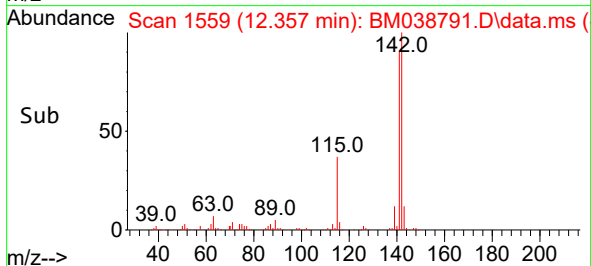
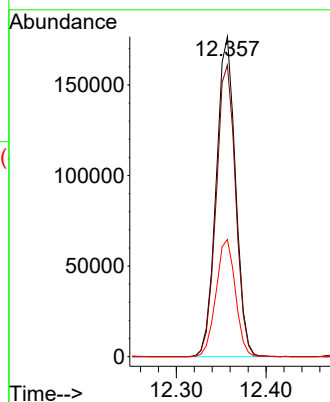
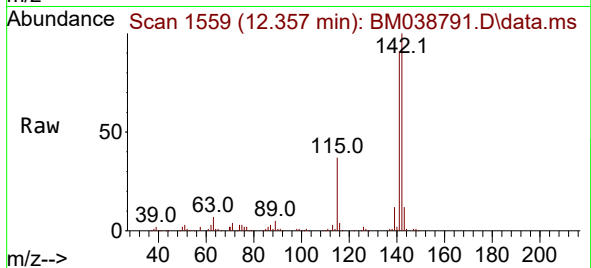
Tgt Ion:142 Resp: 263389

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.8

115 36.7 28.7 43.1



#38

1-Methylnaphthalene

Concen: 38.711 ng

RT: 12.575 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

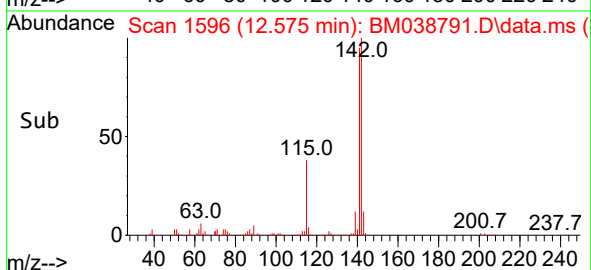
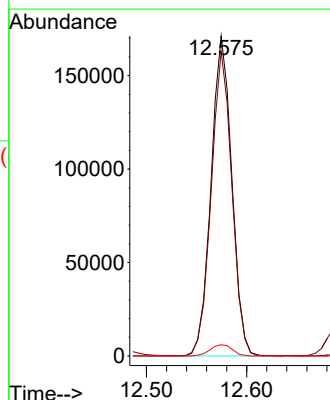
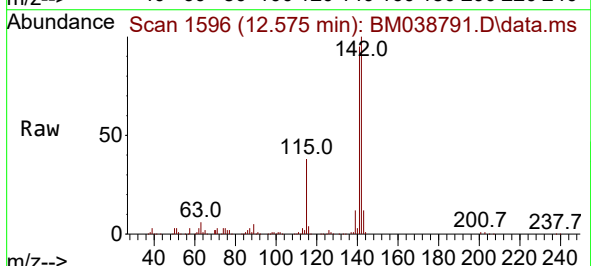
Tgt Ion:142 Resp: 246042

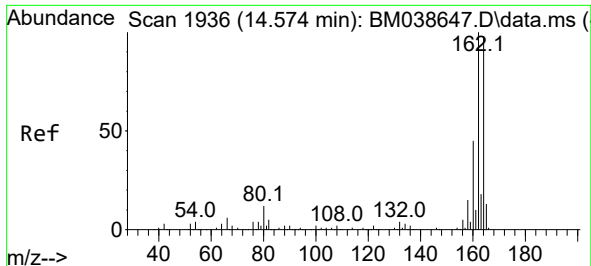
Ion Ratio Lower Upper

142 100

141 95.2 75.5 113.3

116 3.5 3.1 4.7

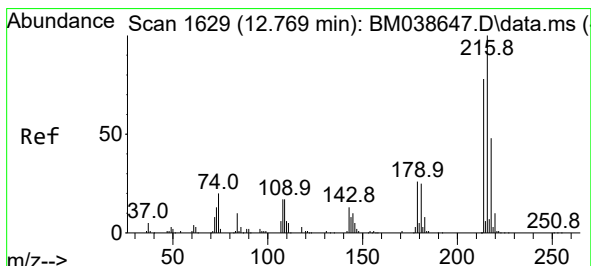
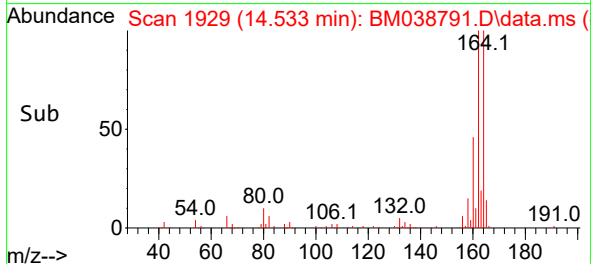
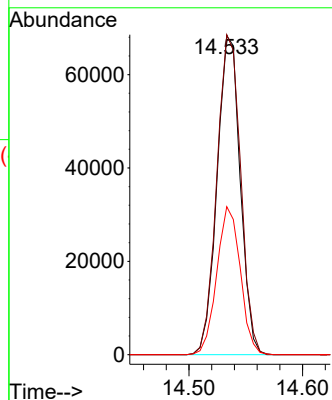
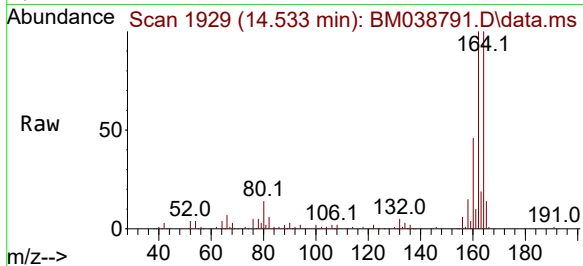




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.533 min Scan# 1936  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

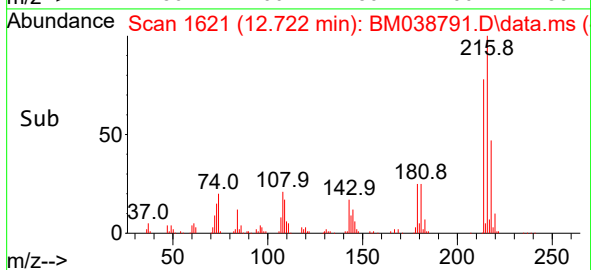
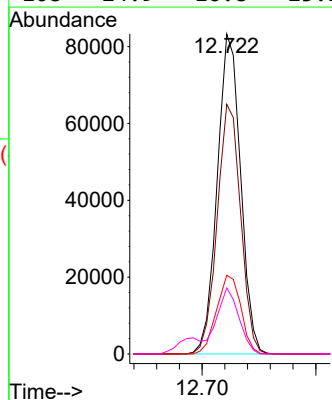
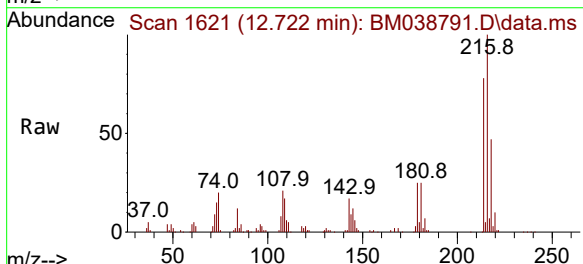
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

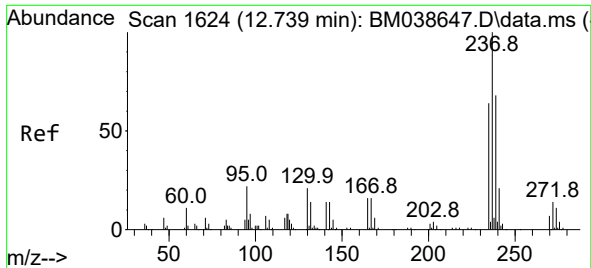
Tgt Ion:164 Resp: 96681  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.4 122.0  
160 46.4 36.5 54.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.228 ng  
RT: 12.722 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

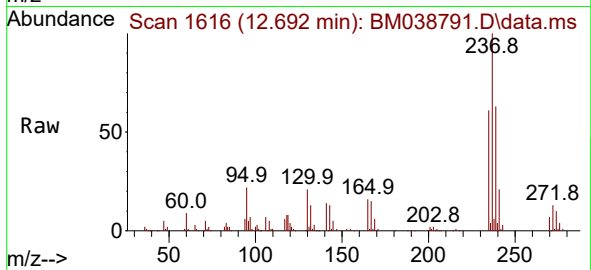
Tgt Ion:216 Resp: 118834  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.4 95.0  
179 25.6 21.0 31.4  
108 24.9 16.8 25.2



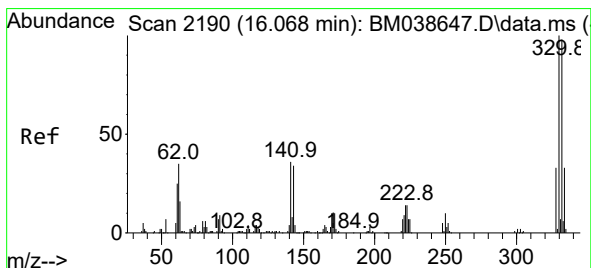
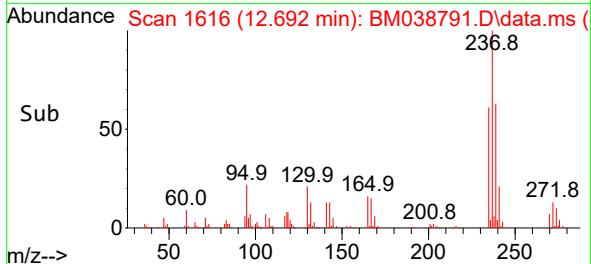
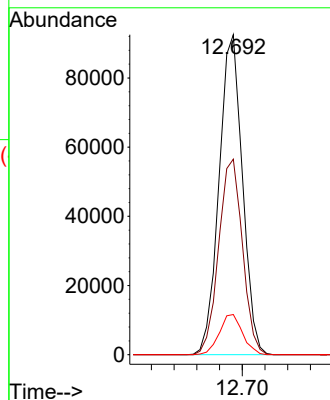


#41  
Hexachlorocyclopentadiene  
Concen: 84.684 ng  
RT: 12.692 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

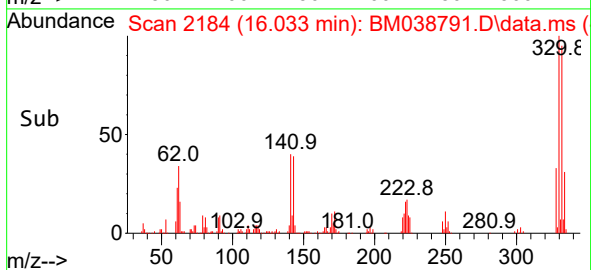
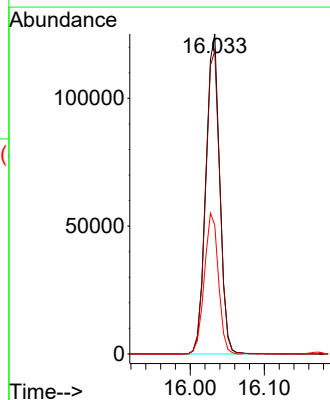
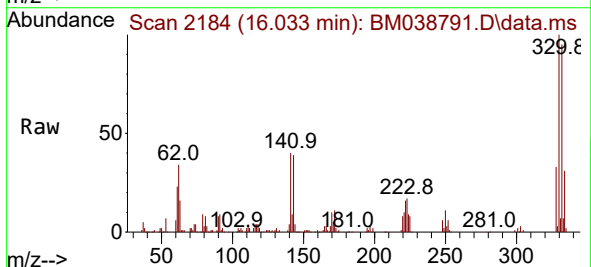


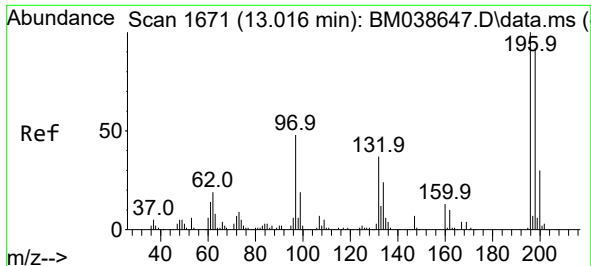
Tgt Ion:237 Resp: 132222  
Ion Ratio Lower Upper  
237 100  
235 61.1 43.8 83.8  
272 12.6 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 123.870 ng  
RT: 16.033 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:330 Resp: 162779  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.6  
141 44.5 31.0 46.6

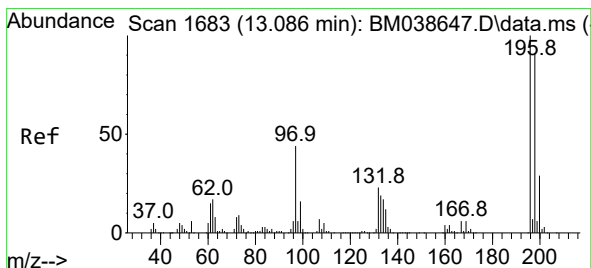
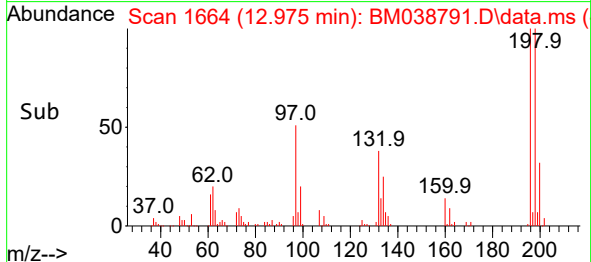
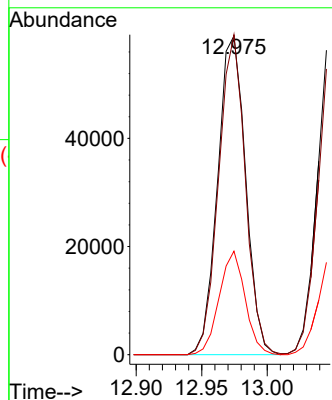
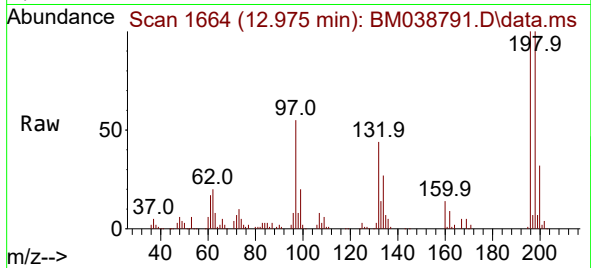




#43  
2,4,6-Trichlorophenol  
Concen: 44.152 ng  
RT: 12.975 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

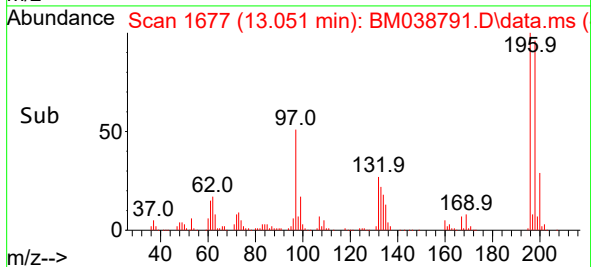
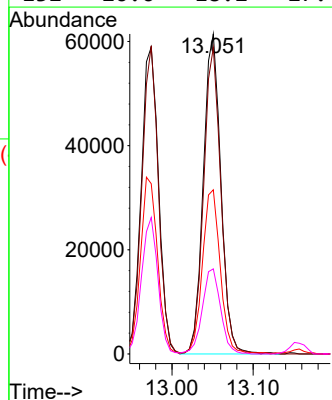
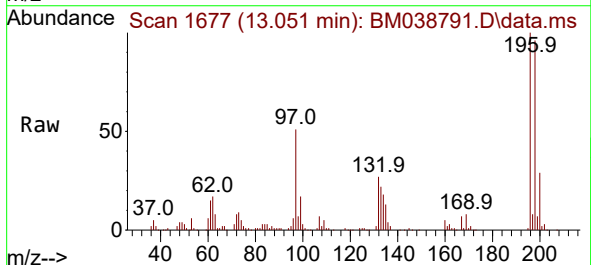
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

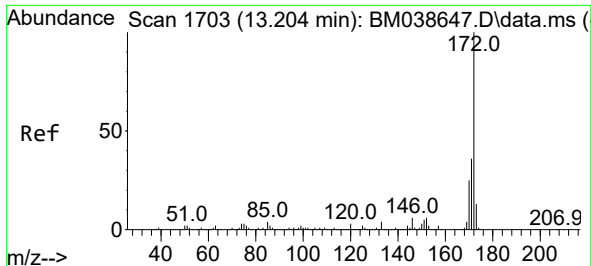
Tgt Ion:196 Resp: 87277  
Ion Ratio Lower Upper  
196 100  
198 100.4 73.7 110.5  
200 32.5 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 39.702 ng  
RT: 13.051 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:196 Resp: 92354  
Ion Ratio Lower Upper  
196 100  
198 95.7 73.1 109.7  
97 51.3 35.5 53.3  
132 26.6 18.2 27.4

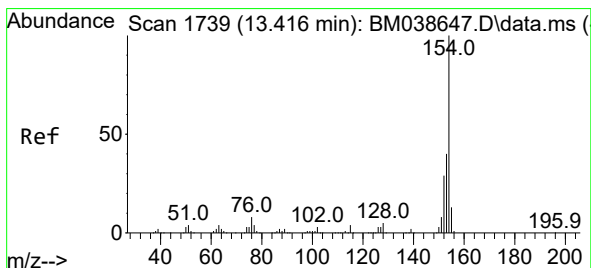
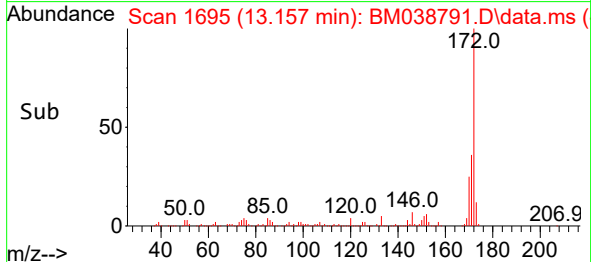
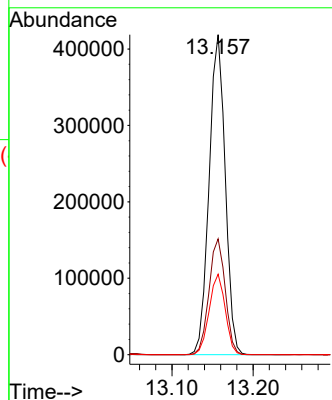
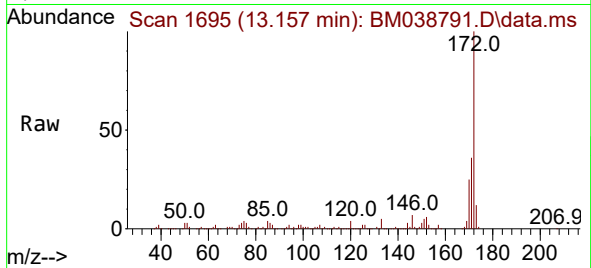




#45  
2-Fluorobiphenyl  
Concen: 75.741 ng  
RT: 13.157 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

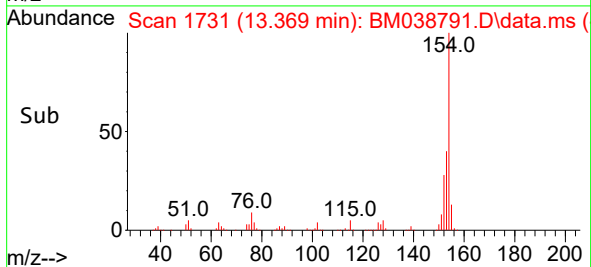
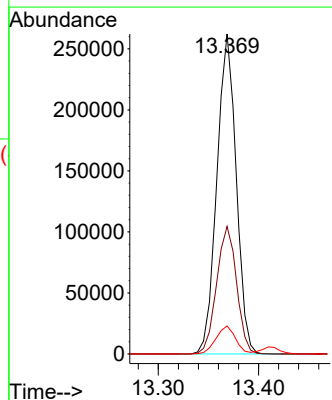
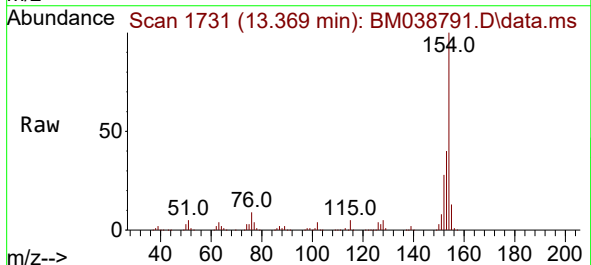
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

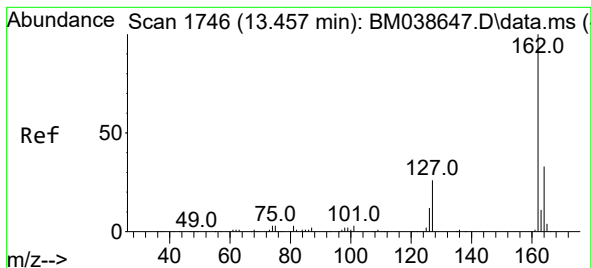
Tgt Ion:172 Resp: 575189  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.7 43.1  
170 25.2 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 45.782 ng  
RT: 13.369 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:154 Resp: 350622  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.9 59.9  
76 8.8 0.0 27.9

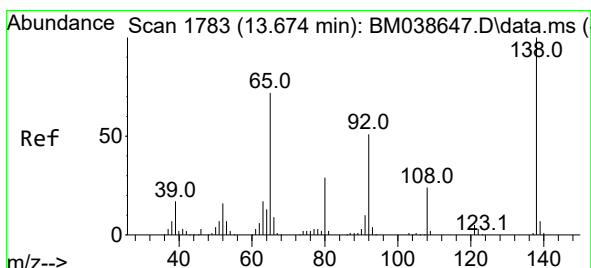
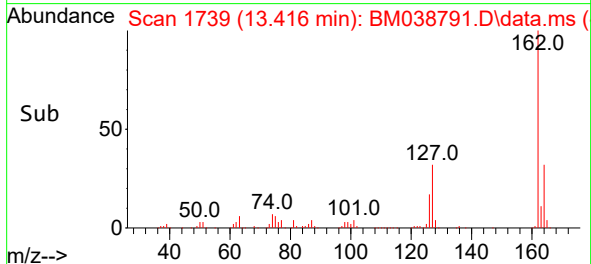
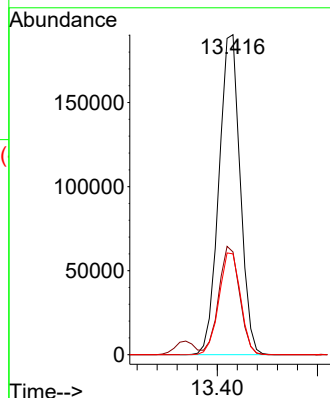
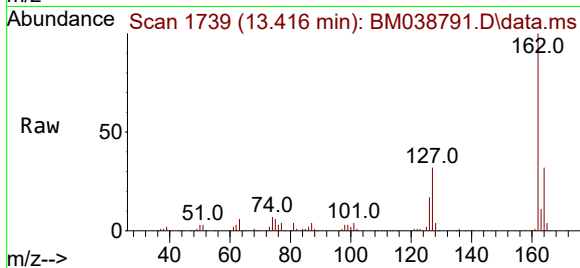




#47  
2-Chloronaphthalene  
Concen: 46.332 ng  
RT: 13.416 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

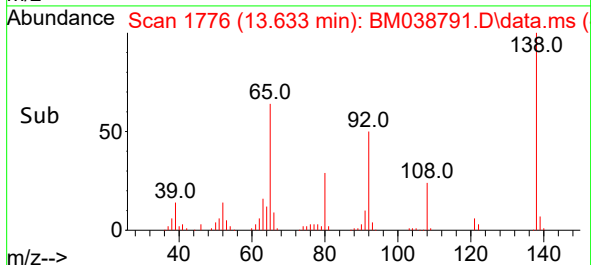
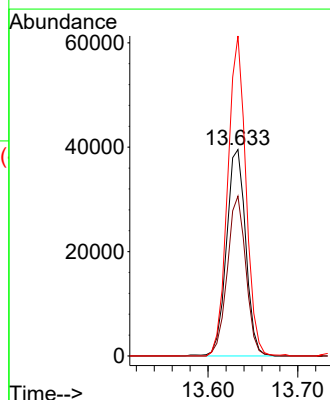
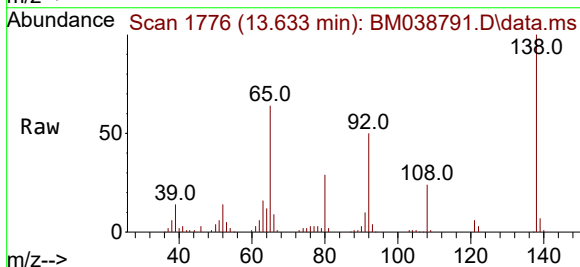
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

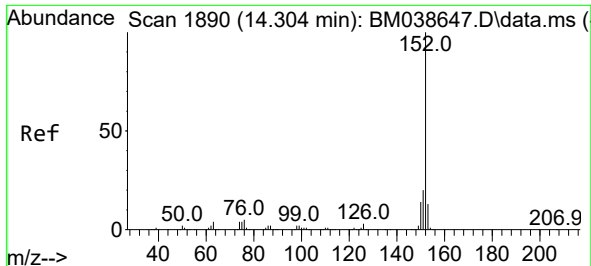
Tgt Ion:162 Resp: 279212  
Ion Ratio Lower Upper  
162 100  
127 32.1 23.6 35.4  
164 31.5 26.7 40.1



#48  
2-Nitroaniline  
Concen: 43.388 ng  
RT: 13.633 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion: 65 Resp: 58712  
Ion Ratio Lower Upper  
65 100  
92 77.4 55.9 83.9  
138 155.1 110.6 166.0

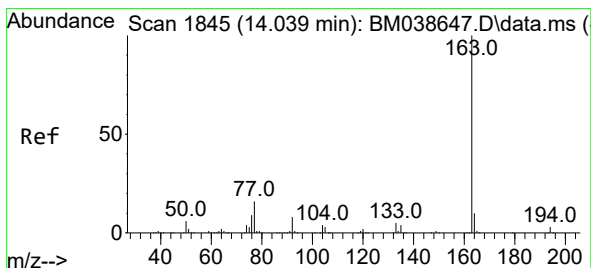
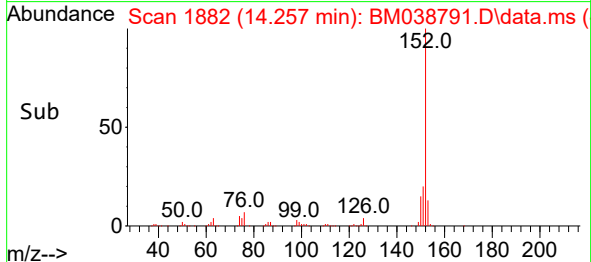
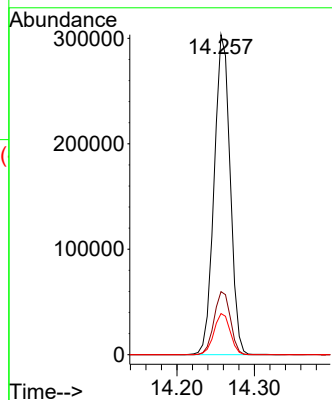
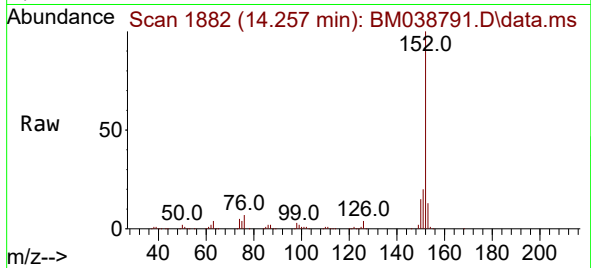




#49  
Acenaphthylene  
Concen: 45.773 ng  
RT: 14.257 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

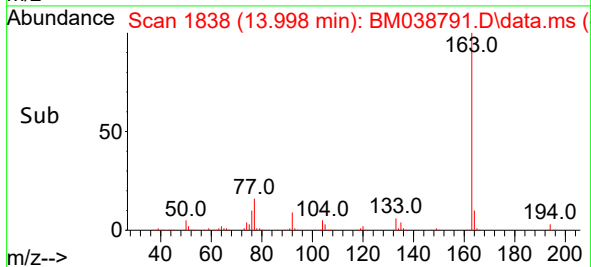
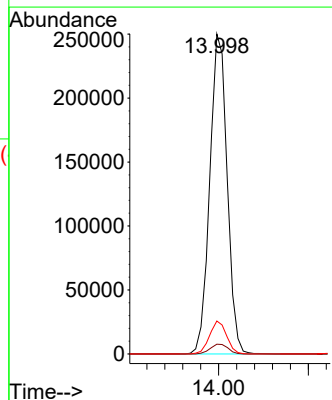
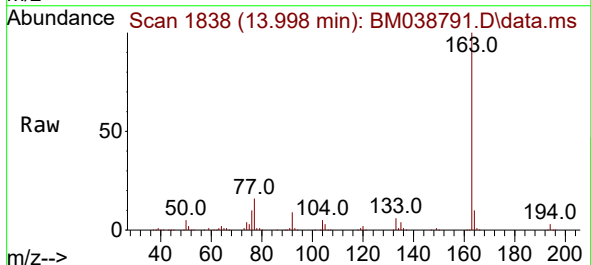
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

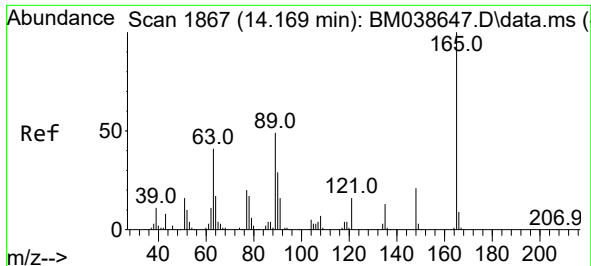
Tgt Ion:152 Resp: 434477  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 12.8 10.0 15.0



#50  
Dimethylphthalate  
Concen: 42.557 ng  
RT: 13.998 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:163 Resp: 335765  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 4.0  
164 10.3 8.2 12.4

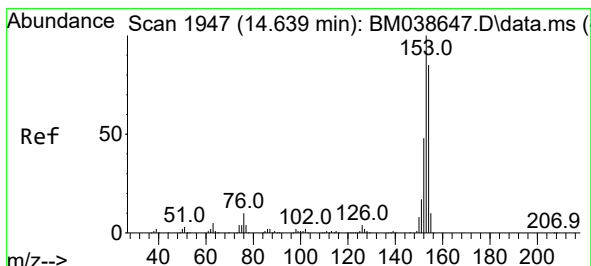
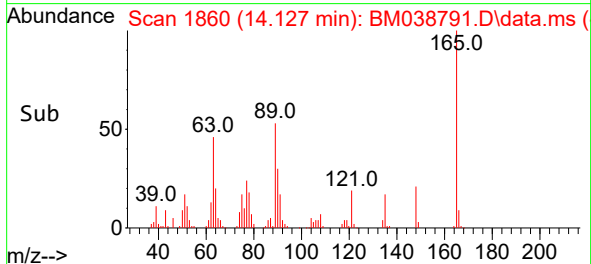
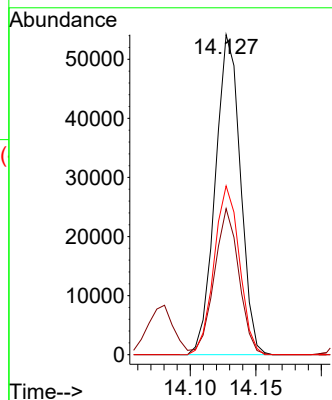
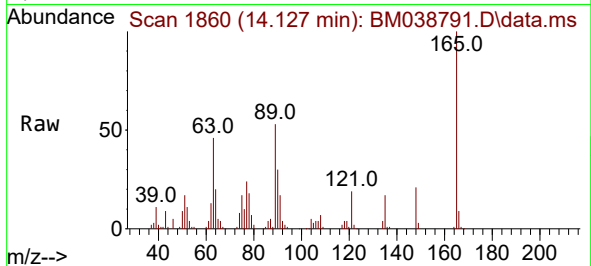




#51  
2,6-Dinitrotoluene  
Concen: 44.956 ng  
RT: 14.127 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

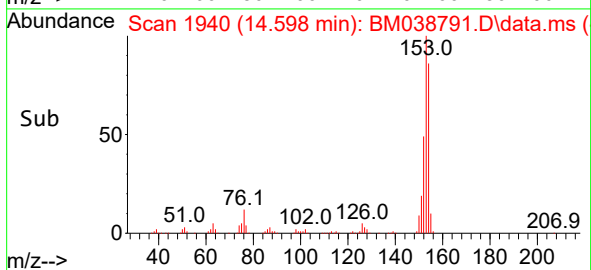
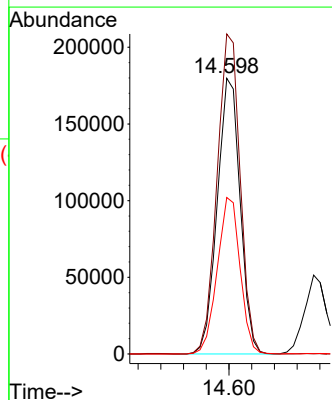
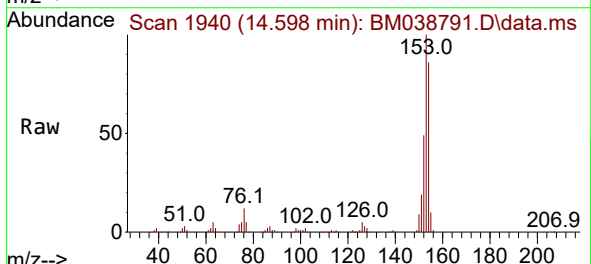
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

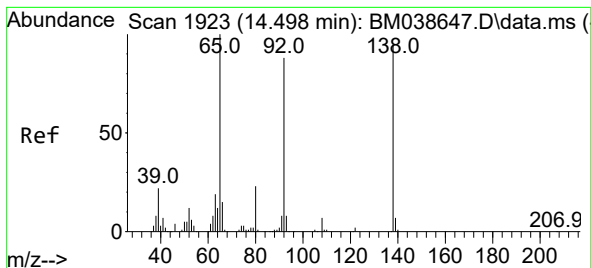
Tgt Ion:165 Resp: 72089  
Ion Ratio Lower Upper  
165 100  
63 45.7 35.8 53.8  
89 52.8 39.3 58.9



#52  
Acenaphthene  
Concen: 44.418 ng  
RT: 14.598 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:154 Resp: 251746  
Ion Ratio Lower Upper  
154 100  
153 116.0 93.7 140.5  
152 56.8 44.6 67.0

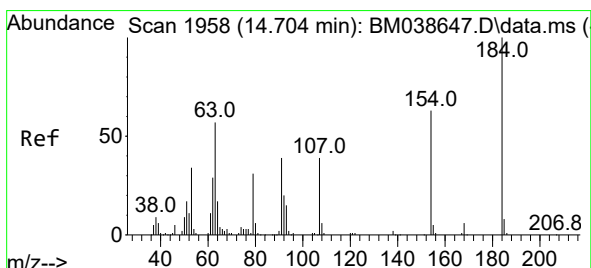
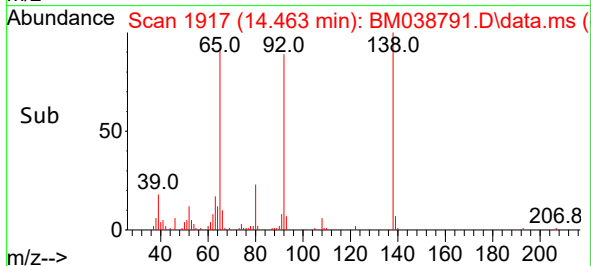
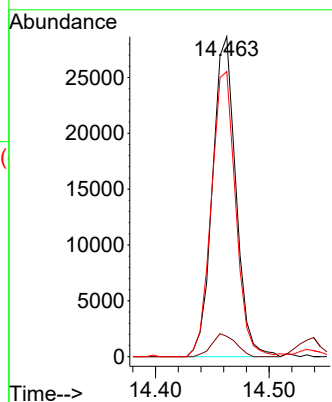
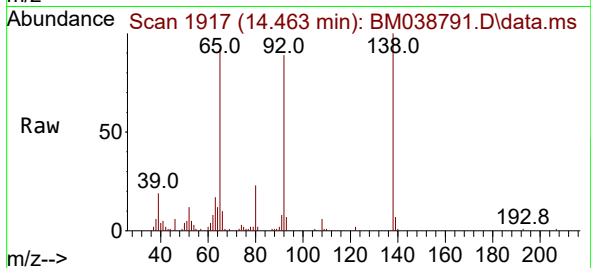




#53  
3-Nitroaniline  
Concen: 25.183 ng  
RT: 14.463 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

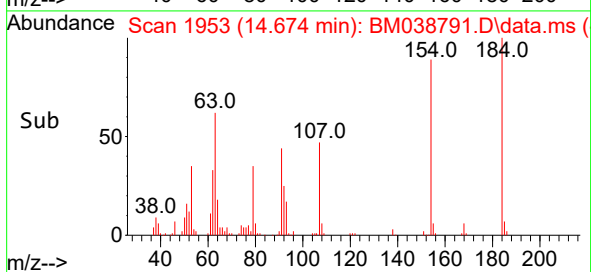
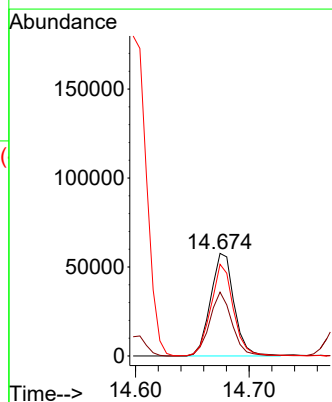
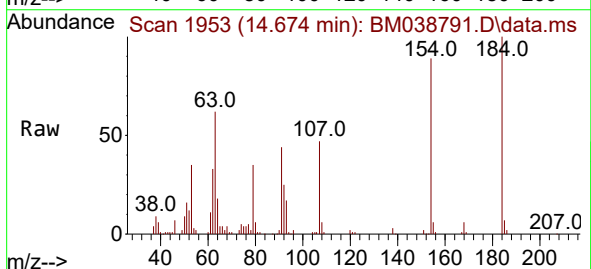
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

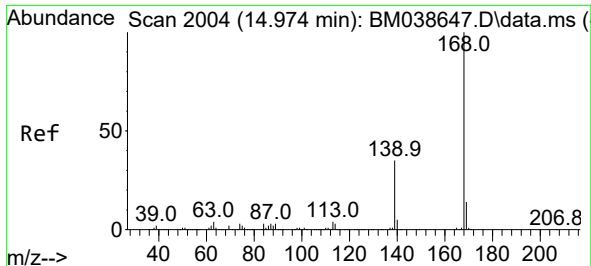
Tgt Ion:138 Resp: 40919  
Ion Ratio Lower Upper  
138 100  
108 6.4 5.8 8.8  
92 89.1 73.9 110.9



#54  
2,4-Dinitrophenol  
Concen: 79.436 ng  
RT: 14.674 min Scan# 1953  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:184 Resp: 82911  
Ion Ratio Lower Upper  
184 100  
63 62.3 45.9 68.9  
154 89.4 54.9 82.3#

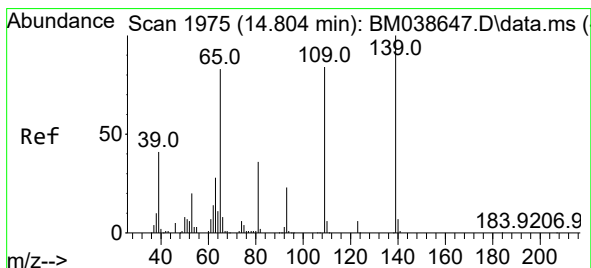
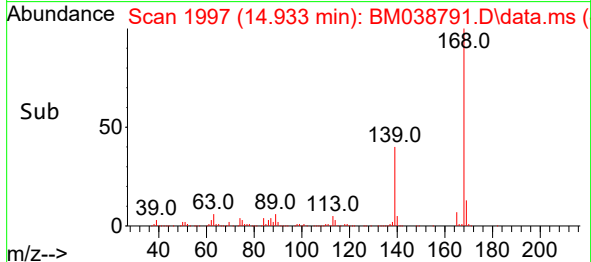
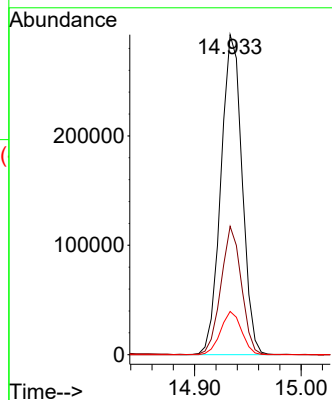
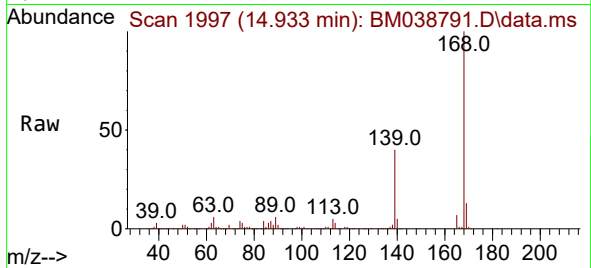




#55  
Dibenzenofuran  
Concen: 41.391 ng  
RT: 14.933 min Scan# 1997  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

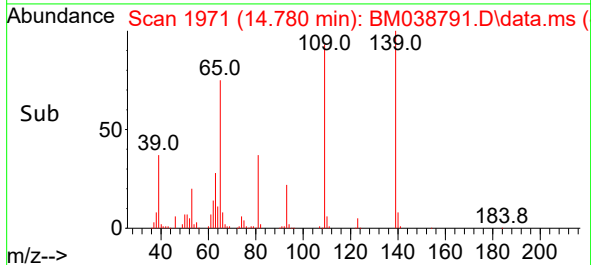
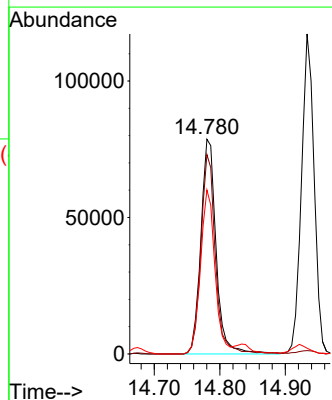
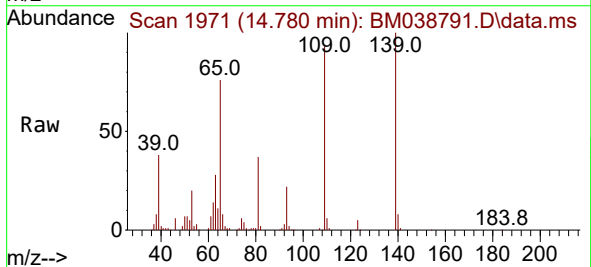
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

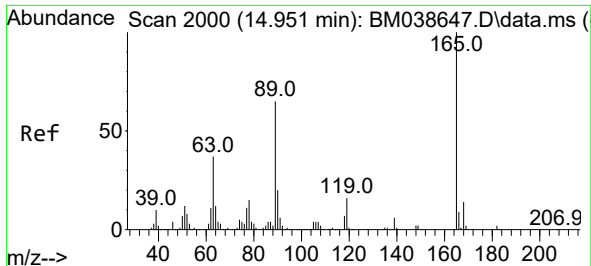
Tgt Ion:168 Resp: 403973  
Ion Ratio Lower Upper  
168 100  
139 40.1 27.8 41.6  
169 13.5 10.9 16.3



#56  
4-Nitrophenol  
Concen: 99.487 ng  
RT: 14.780 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:139 Resp: 127948  
Ion Ratio Lower Upper  
139 100  
109 92.9 63.8 103.8  
65 76.4 62.5 102.5





#57

2,4-Dinitrotoluene

Concen: 41.582 ng

RT: 14.921 min Scan# 14921

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

Tgt Ion:165 Resp: 97856

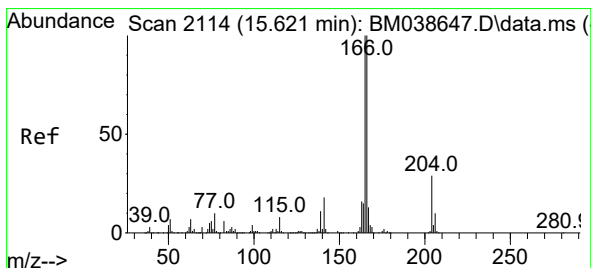
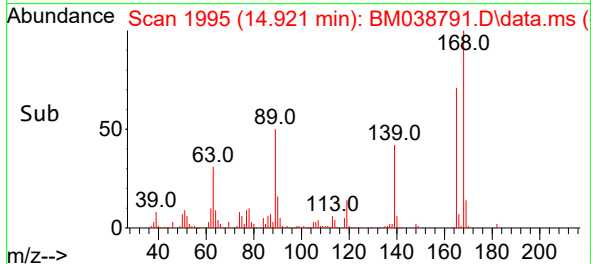
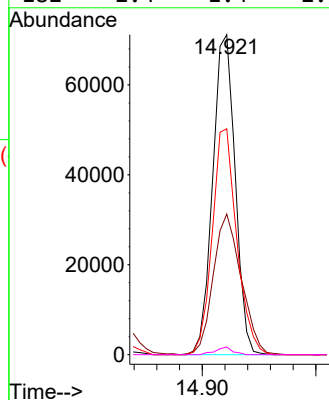
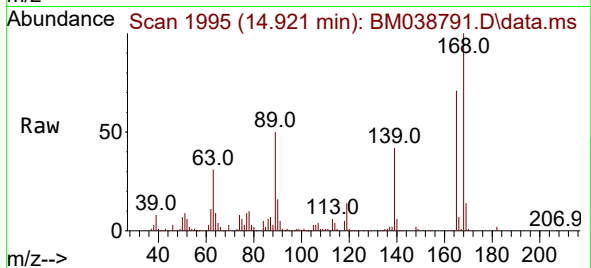
Ion Ratio Lower Upper

165 100

63 43.9 29.4 44.0

89 70.6 51.8 77.6

182 2.4 1.4 2.2#



#58

Fluorene

Concen: 42.412 ng

RT: 15.586 min Scan# 2108

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

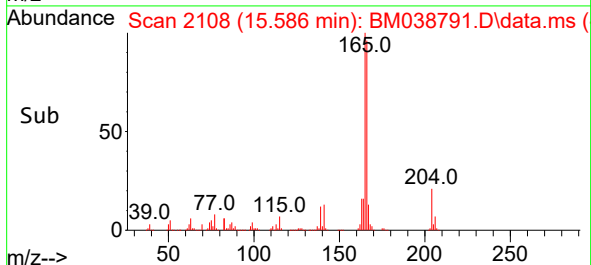
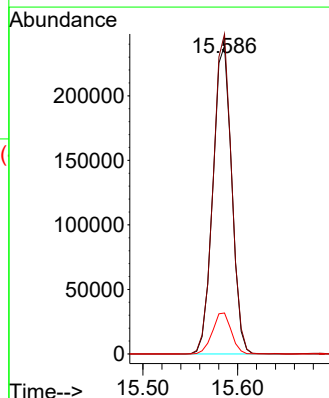
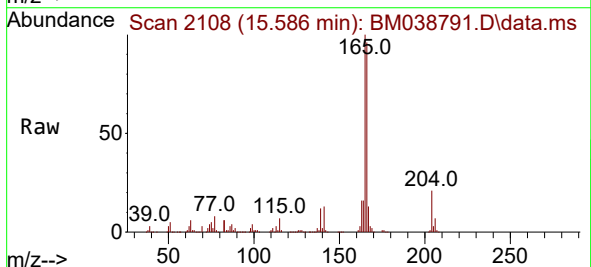
Tgt Ion:166 Resp: 327519

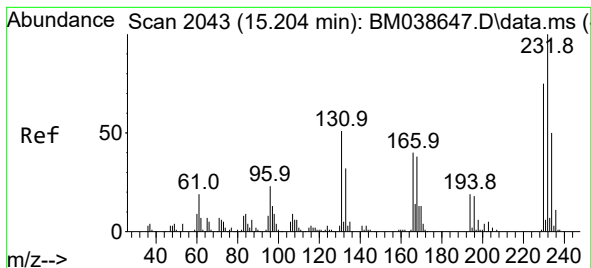
Ion Ratio Lower Upper

166 100

165 103.8 80.2 120.4

167 13.3 10.7 16.1

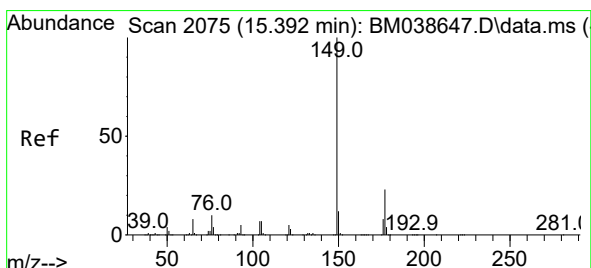
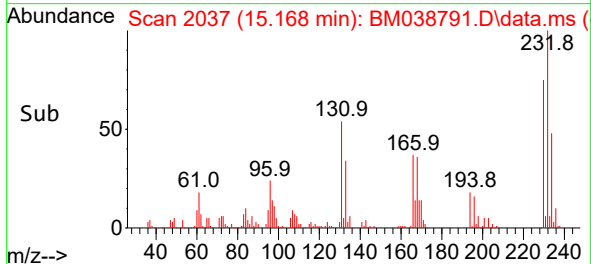
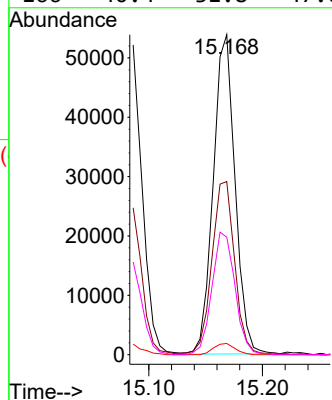
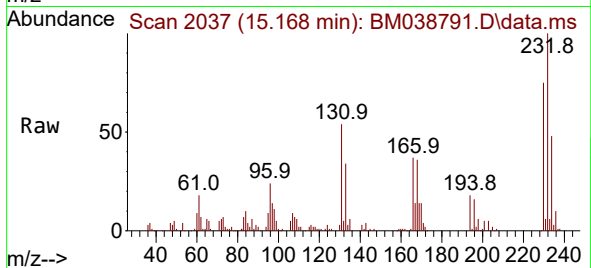




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.400 ng  
RT: 15.168 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

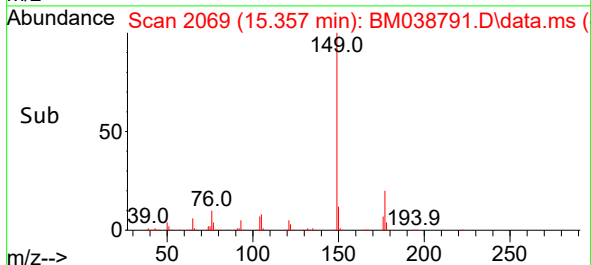
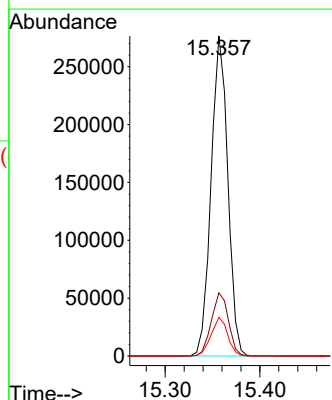
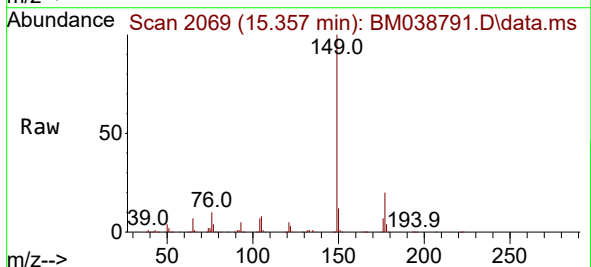
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

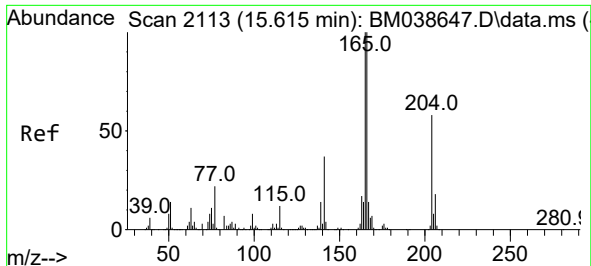
Tgt Ion:232 Resp: 71883  
Ion Ratio Lower Upper  
232 100  
131 56.9 41.2 61.8  
130 3.4 2.4 3.6  
166 40.4 31.8 47.6



#60  
Diethylphthalate  
Concen: 45.216 ng  
RT: 15.357 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:149 Resp: 337956  
Ion Ratio Lower Upper  
149 100  
177 19.8 18.1 27.1  
150 12.1 10.0 15.0

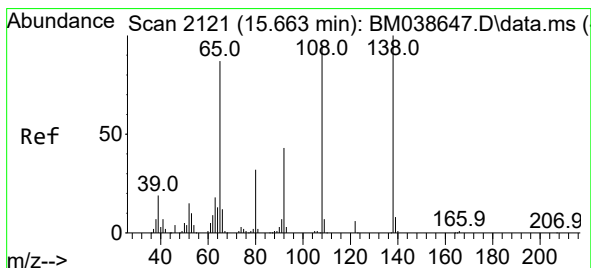
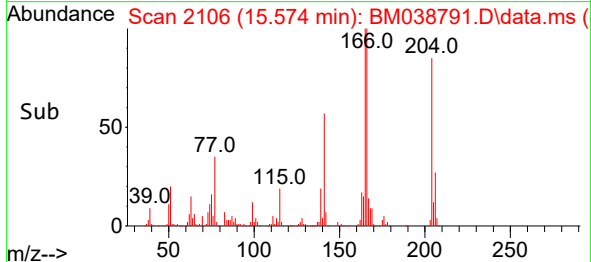
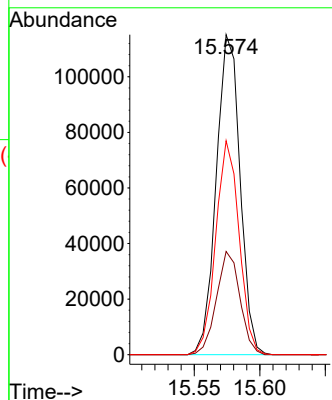
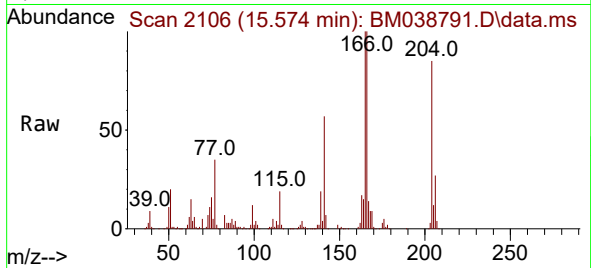




#61  
4-Chlorophenyl-phenylether  
Concen: 44.333 ng  
RT: 15.574 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

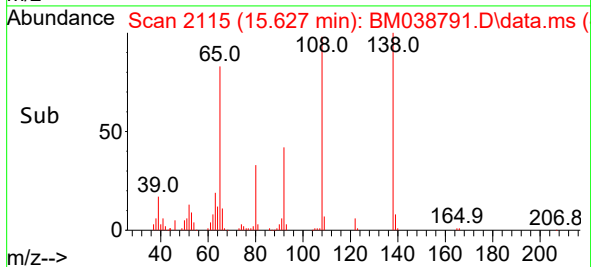
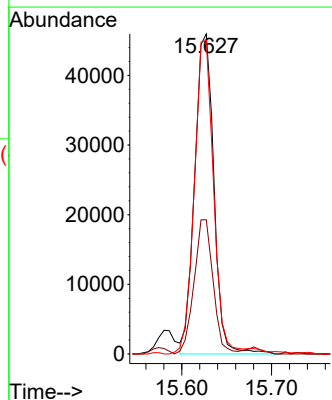
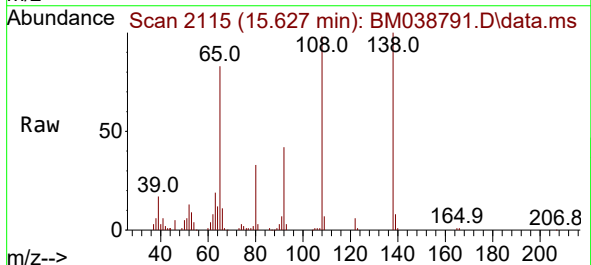
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

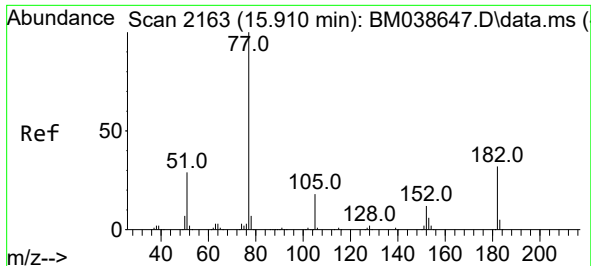
Tgt Ion:204 Resp: 145239  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.3 37.9  
141 66.9 51.3 76.9



#62  
4-Nitroaniline  
Concen: 39.863 ng  
RT: 15.627 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:138 Resp: 68114  
Ion Ratio Lower Upper  
138 100  
92 42.0 23.4 63.4  
108 98.0 75.1 115.1

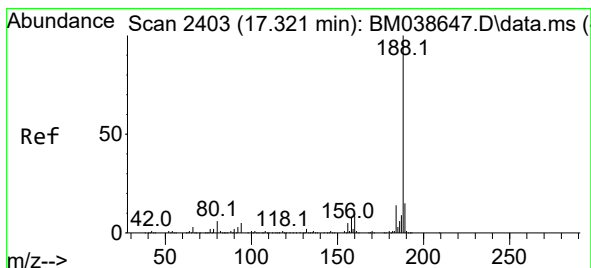
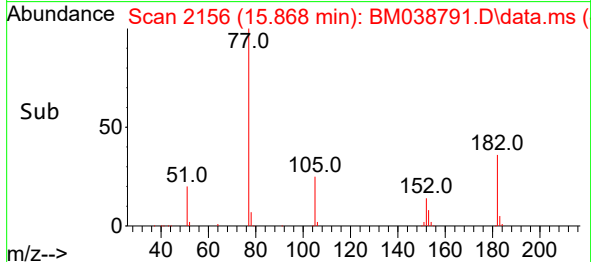
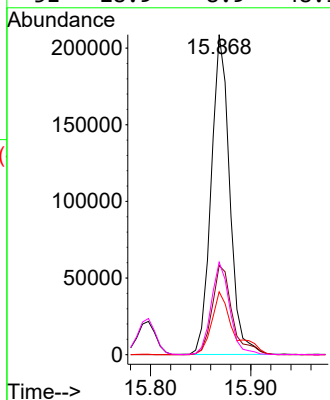
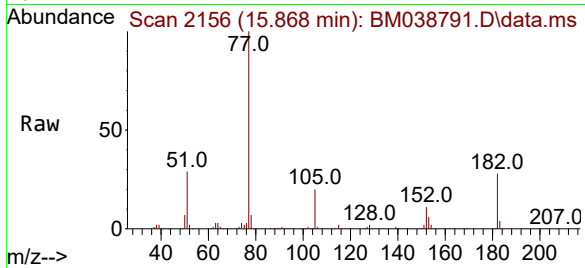




#63  
Azobenzene  
Concen: 46.432 ng  
RT: 15.868 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

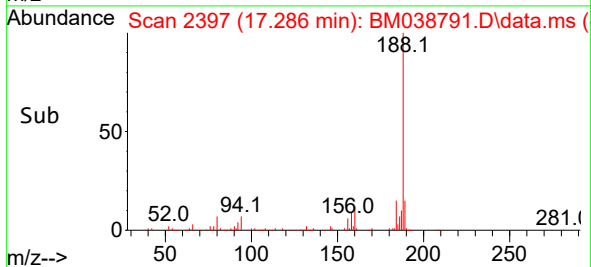
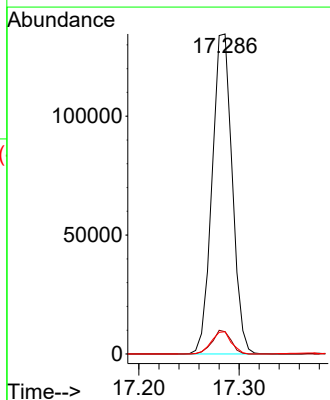
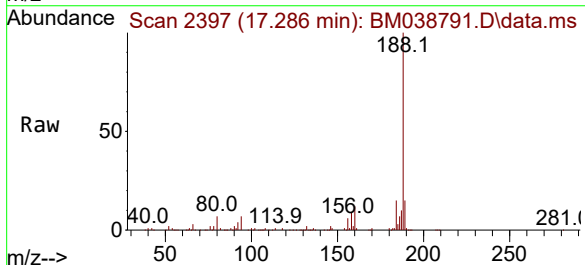
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

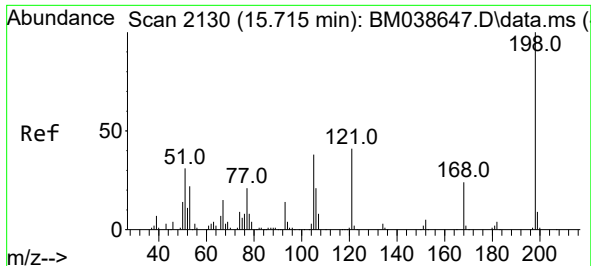
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 267009 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.9    | 12.0 52.0    |
| 105 19.6    | 0.0 37.5     |
| 51 28.9     | 8.9 48.9     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.286 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 187501 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.9      | 4.2 6.4#     |
| 80 7.0      | 4.6 7.0#     |

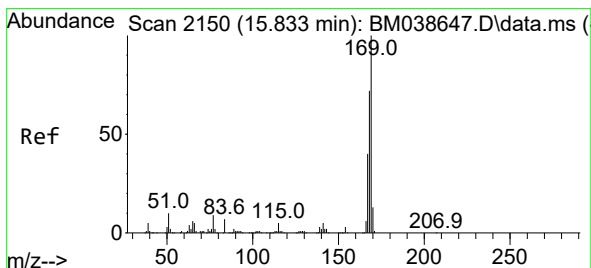
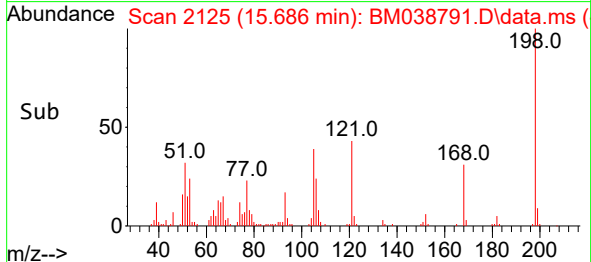
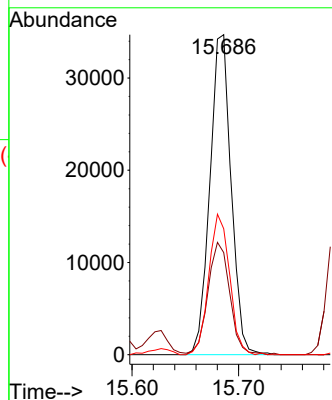
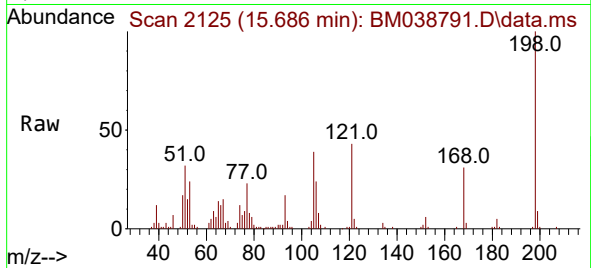




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.773 ng  
RT: 15.686 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

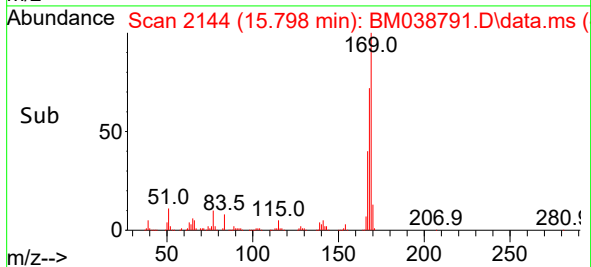
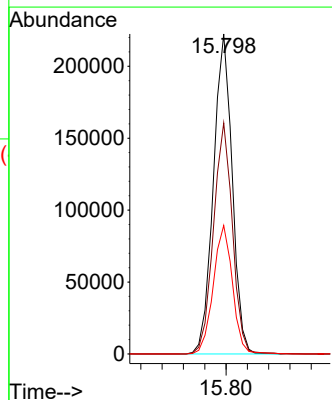
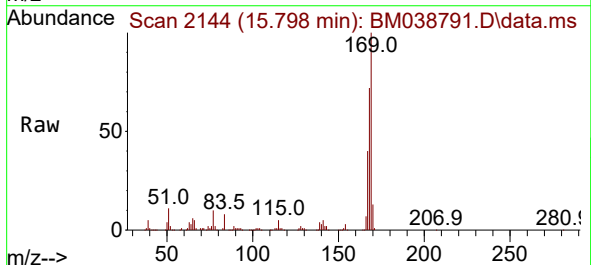
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

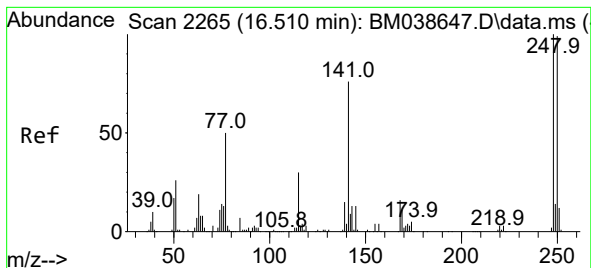
Tgt Ion:198 Resp: 48127  
Ion Ratio Lower Upper  
198 100  
51 31.9 13.0 53.0  
105 39.3 17.9 57.9



#66  
n-Nitrosodiphenylamine  
Concen: 44.454 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:169 Resp: 272160  
Ion Ratio Lower Upper  
169 100  
168 72.2 57.6 86.4  
167 40.1 32.3 48.5

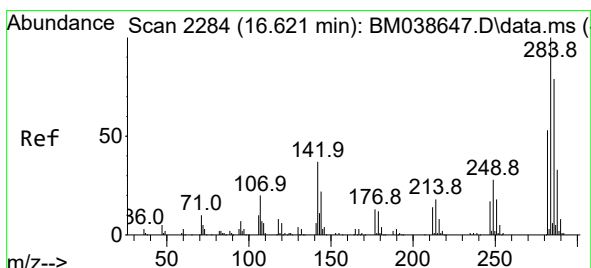
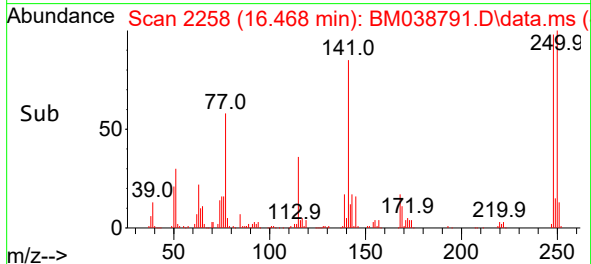
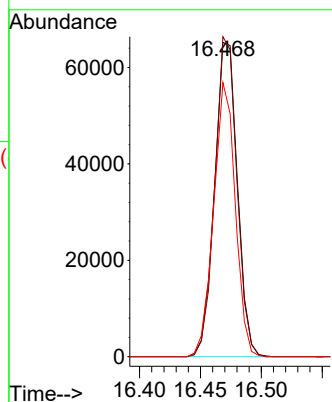
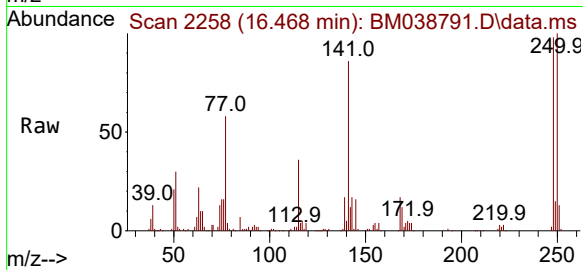




#67  
4-Bromophenyl-phenylether  
Concen: 46.964 ng  
RT: 16.468 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

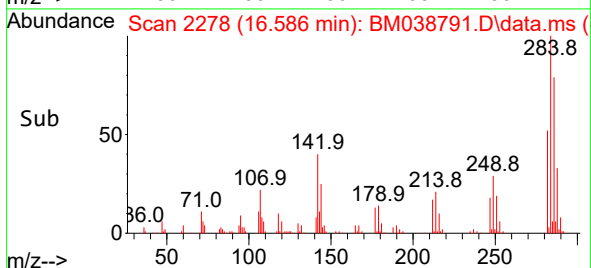
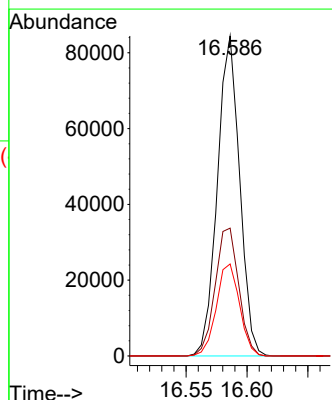
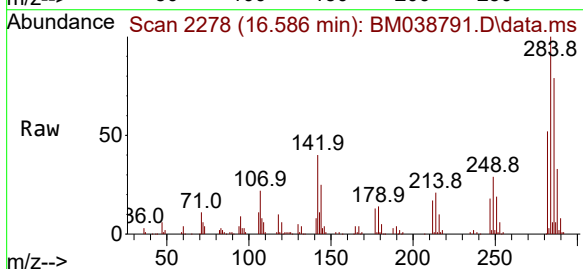
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

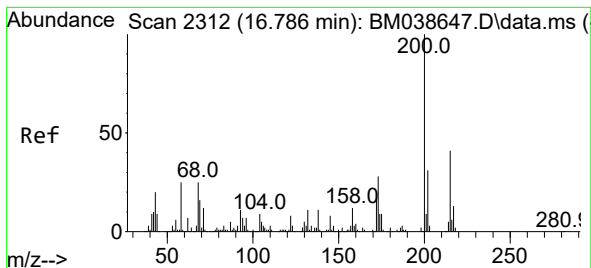
Tgt Ion:248 Resp: 85026  
Ion Ratio Lower Upper  
248 100  
250 101.8 79.4 119.2  
141 87.2 61.0 91.6



#68  
Hexachlorobenzene  
Concen: 48.578 ng  
RT: 16.586 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:284 Resp: 107483  
Ion Ratio Lower Upper  
284 100  
142 40.0 29.8 44.6  
249 28.7 22.2 33.4





#69

Atrazine

Concen: 51.132 ng

RT: 16.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

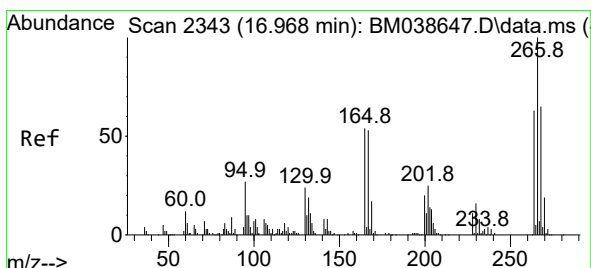
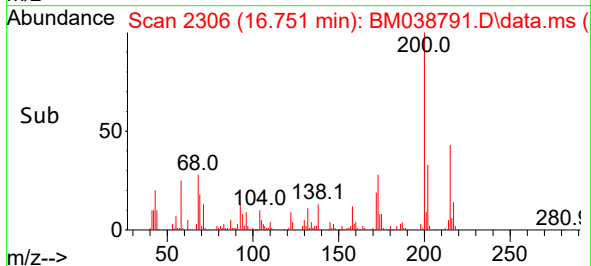
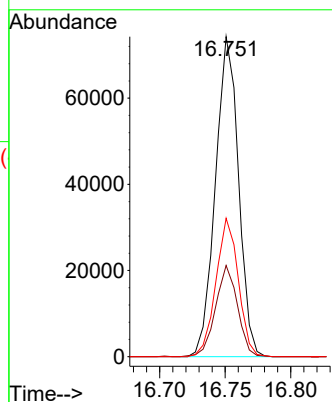
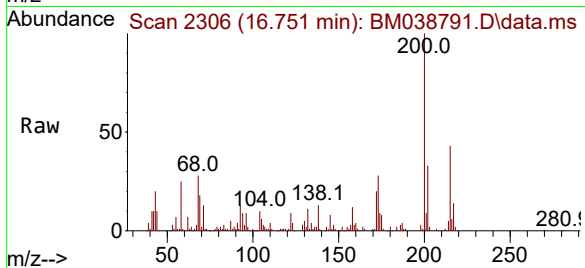
Tgt Ion:200 Resp: 90730

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

215 43.2 20.8 60.8



#70

Pentachlorophenol

Concen: 83.848 ng

RT: 16.939 min Scan# 2338

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

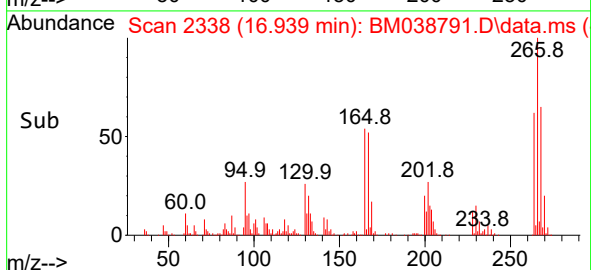
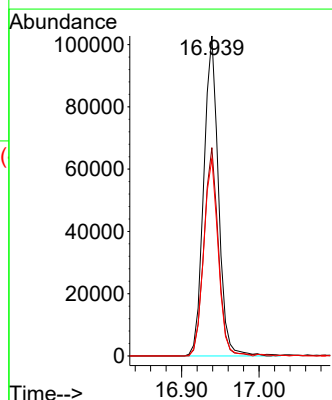
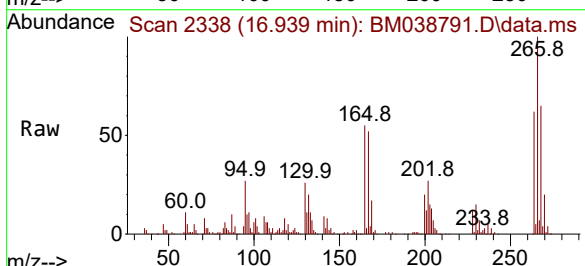
Tgt Ion:266 Resp: 135241

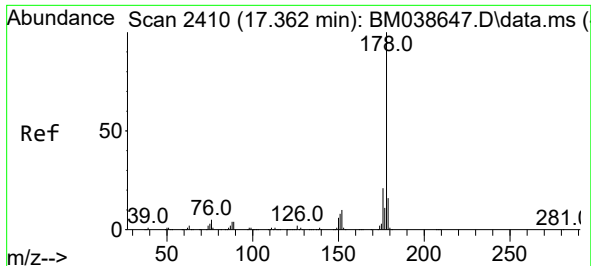
Ion Ratio Lower Upper

266 100

268 65.1 51.8 77.6

264 61.7 50.6 76.0

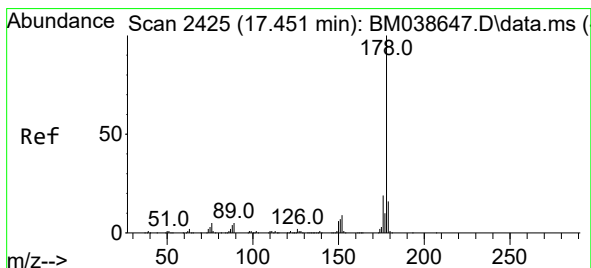
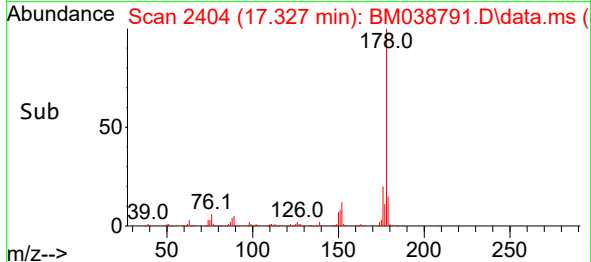
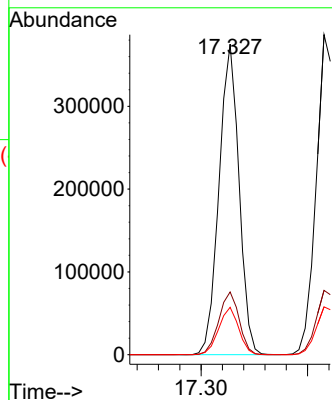
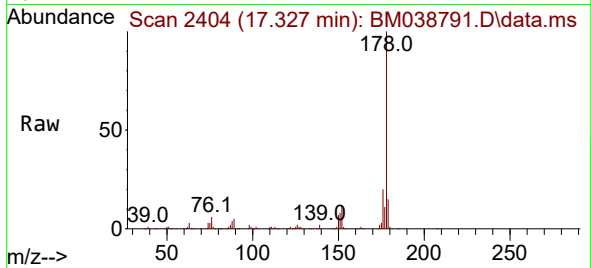




#71  
Phenanthrene  
Concen: 43.834 ng  
RT: 17.327 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

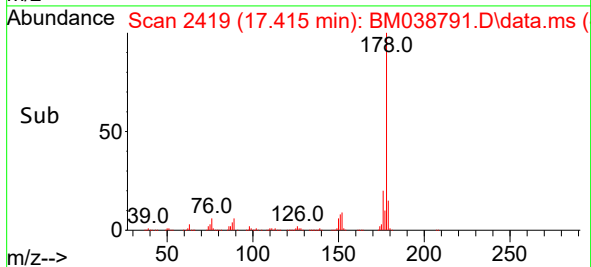
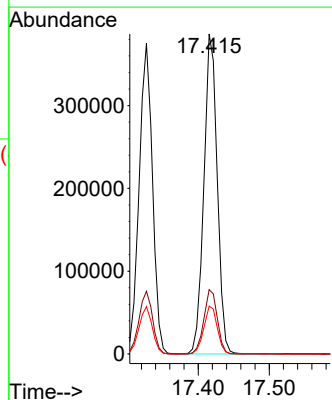
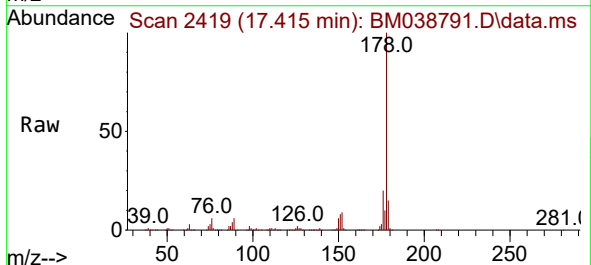
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

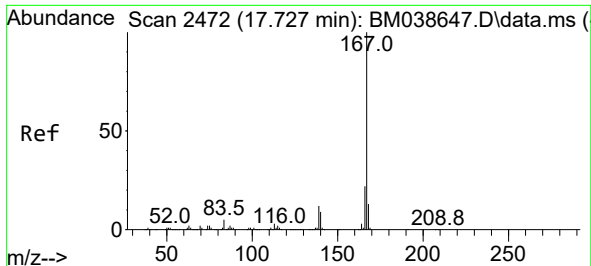
Tgt Ion:178 Resp: 488017  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.7 25.1  
179 15.2 12.5 18.7



#72  
Anthracene  
Concen: 44.436 ng  
RT: 17.415 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:178 Resp: 506104  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.6 23.4  
179 14.9 12.4 18.6

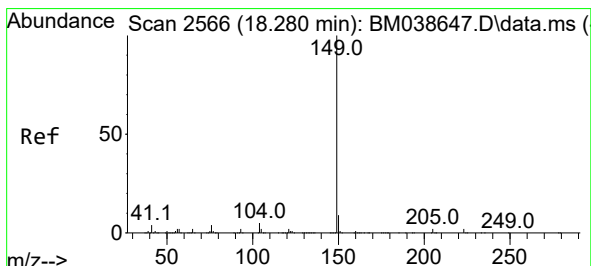
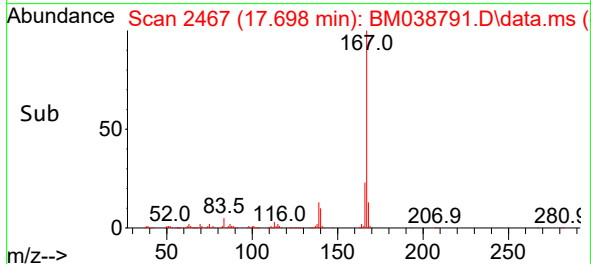
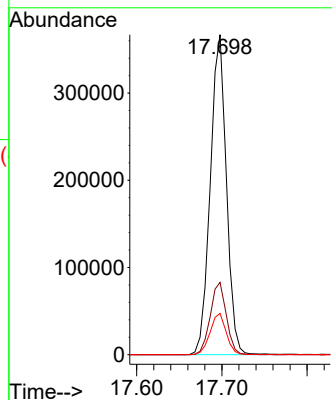
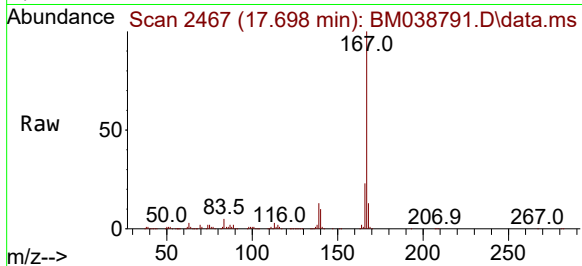




#73  
 Carbazole  
 Concen: 45.508 ng  
 RT: 17.698 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BM038791.D  
 Acq: 20 Feb 2023 17:41

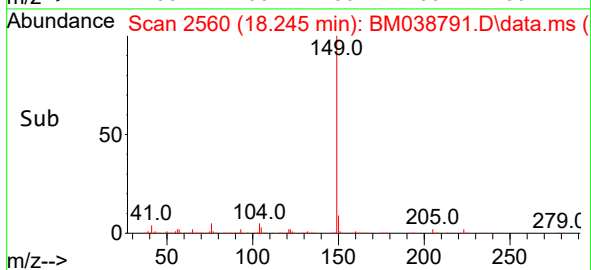
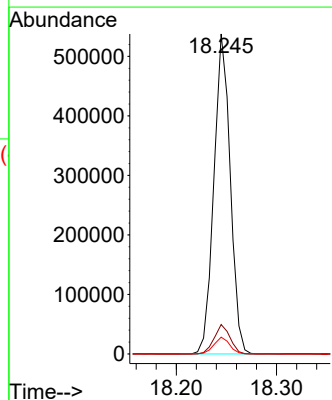
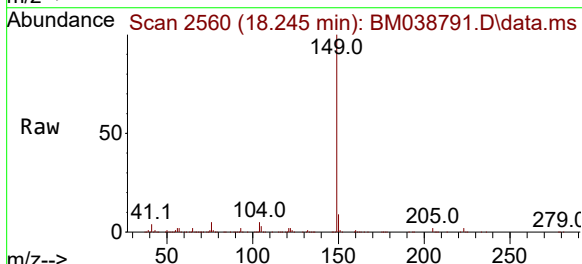
Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-26-SB01MS

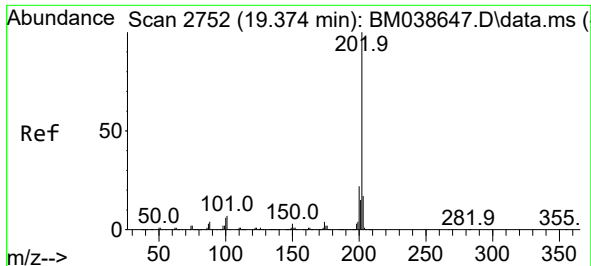
Tgt Ion:167 Resp: 483399  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.8 26.6  
 139 12.9 9.4 14.2



#74  
 Di-n-butylphthalate  
 Concen: 50.580 ng  
 RT: 18.245 min Scan# 2560  
 Delta R.T. -0.006 min  
 Lab File: BM038791.D  
 Acq: 20 Feb 2023 17:41

Tgt Ion:149 Resp: 607008  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.2 3.8 5.6

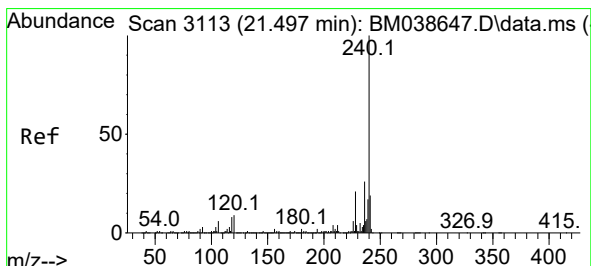
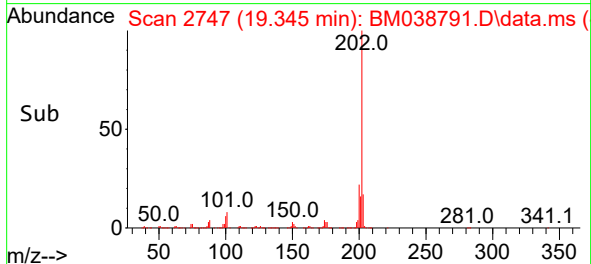
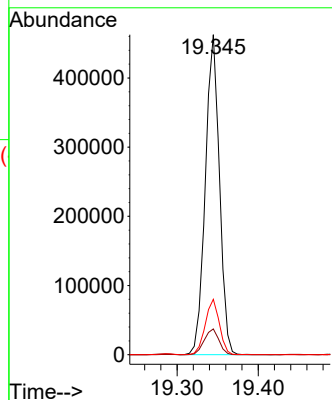
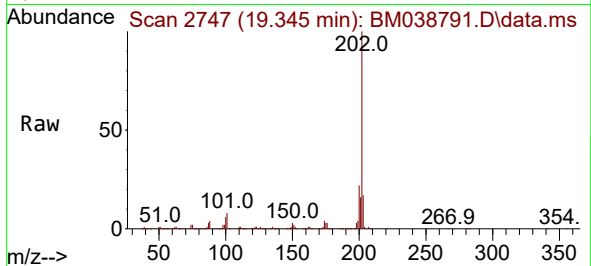




#75  
Fluoranthene  
Concen: 47.641 ng  
RT: 19.345 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

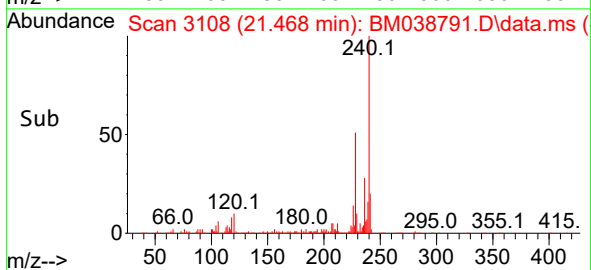
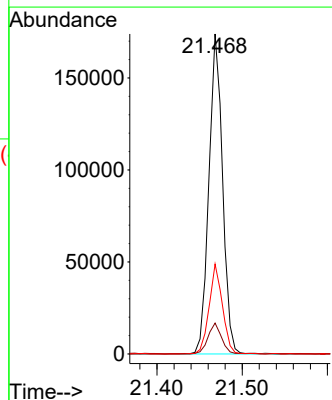
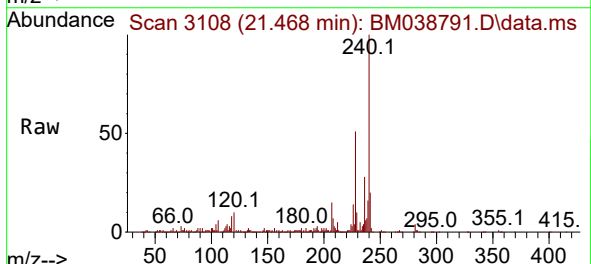
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

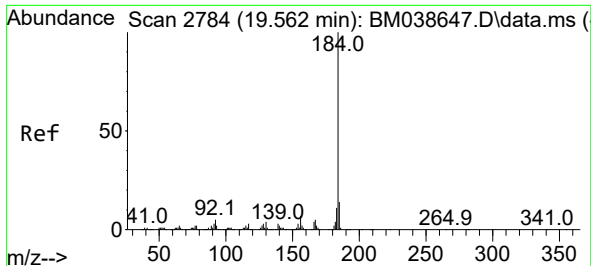
Tgt Ion:202 Resp: 556893  
Ion Ratio Lower Upper  
202 100  
101 8.1 0.0 27.4  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:240 Resp: 193763  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.4  
236 28.1 20.9 31.3

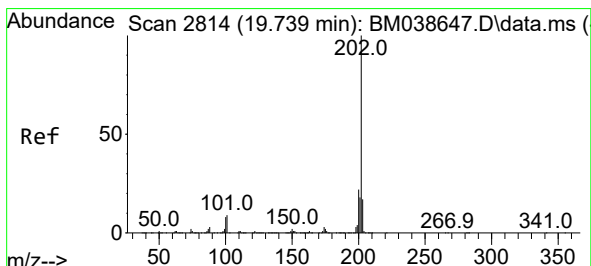
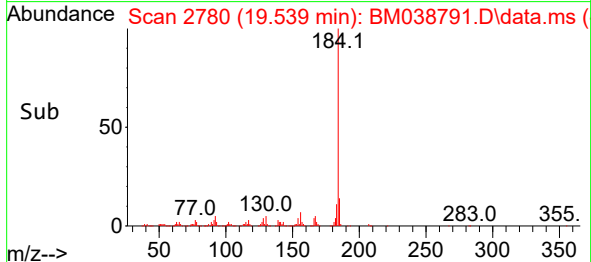
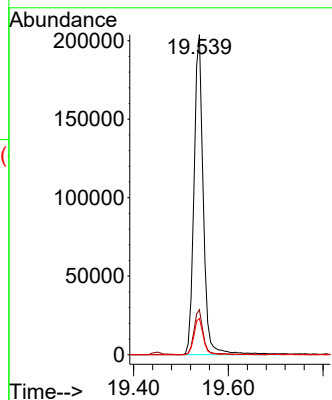
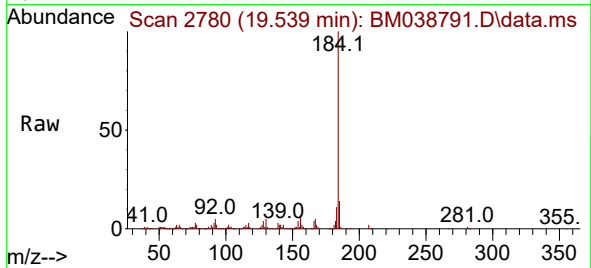




#77  
Benzidine  
Concen: 47.697 ng  
RT: 19.539 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

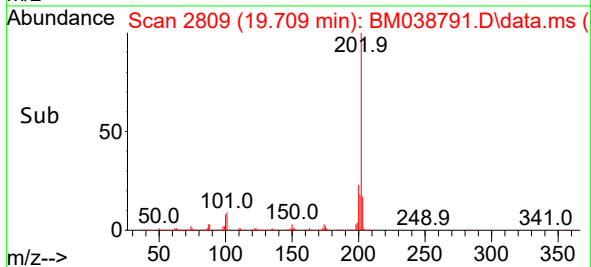
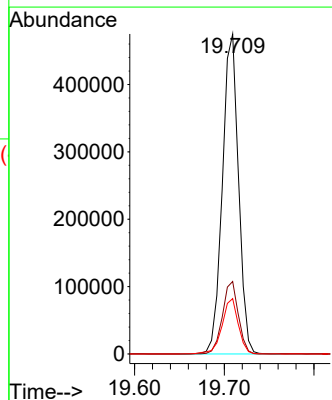
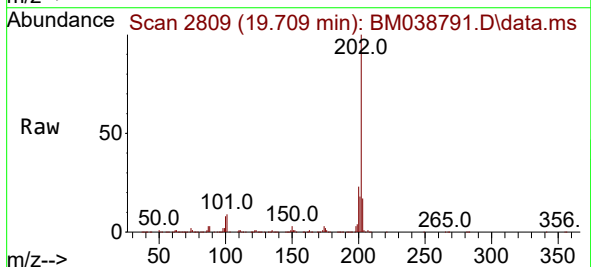
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

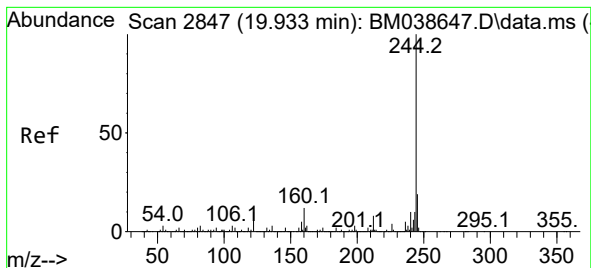
Tgt Ion:184 Resp: 277540  
Ion Ratio Lower Upper  
184 100  
185 14.0 10.8 16.2  
183 11.3 8.8 13.2



#78  
Pyrene  
Concen: 39.664 ng  
RT: 19.709 min Scan# 2809  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:202 Resp: 591700  
Ion Ratio Lower Upper  
202 100  
200 22.7 17.8 26.6  
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 78.342 ng

RT: 19.903 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

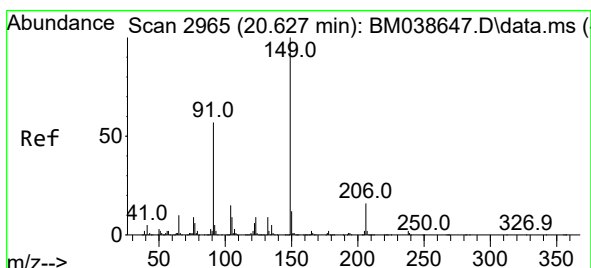
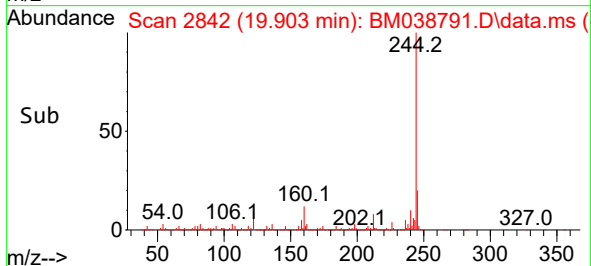
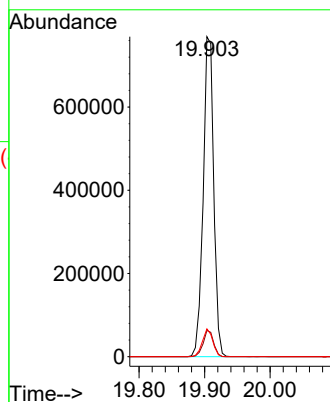
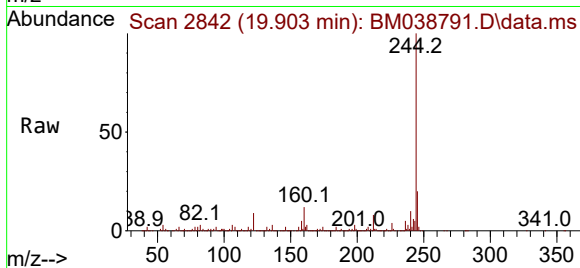
Tgt Ion:244 Resp: 860199

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 8.7 7.8 11.8



#80

Butylbenzylphthalate

Concen: 40.372 ng

RT: 20.598 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

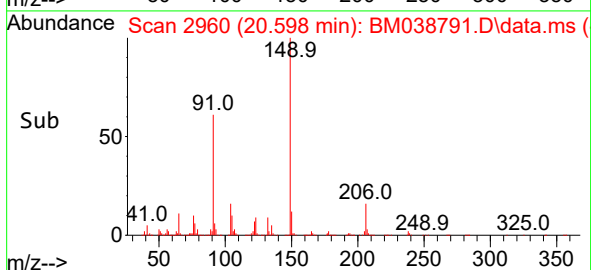
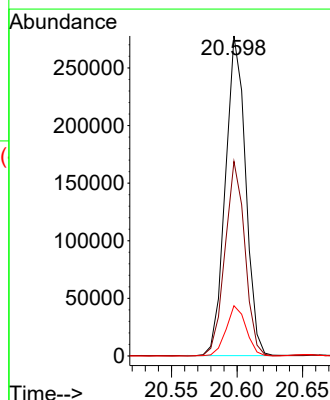
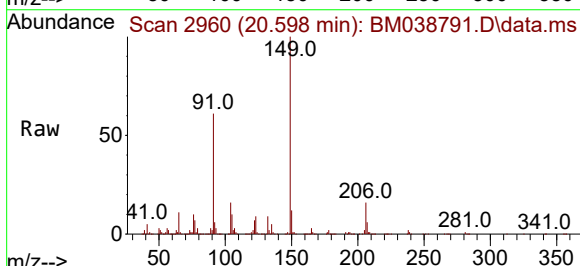
Tgt Ion:149 Resp: 297435

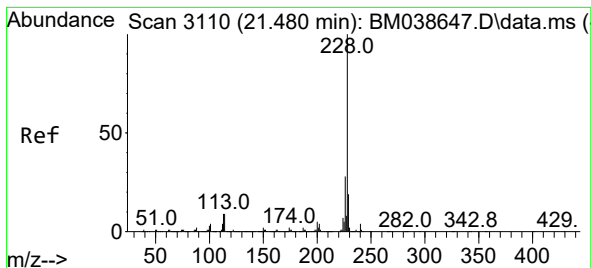
Ion Ratio Lower Upper

149 100

91 60.8 45.6 68.4

206 15.7 12.5 18.7





#81

Benzo(a)anthracene

Concen: 46.890 ng

RT: 21.456 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

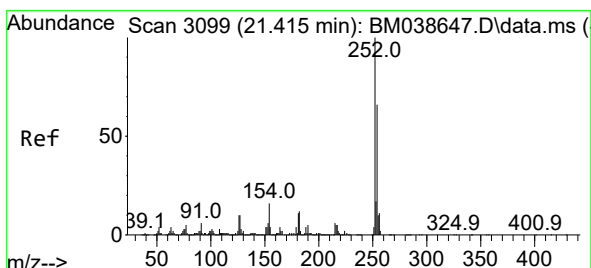
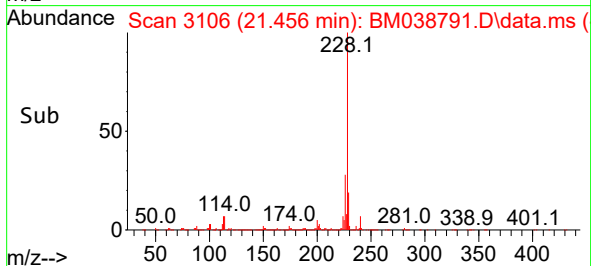
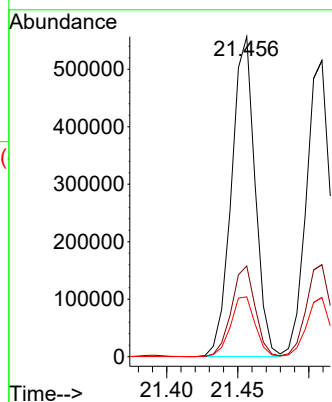
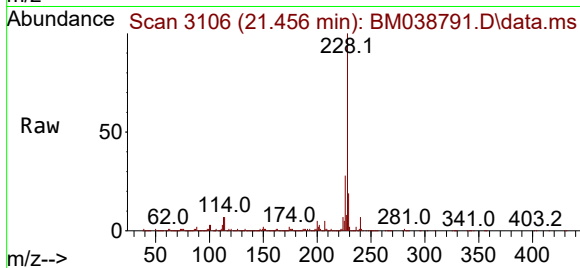
Tgt Ion:228 Resp: 642679

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.4

229 18.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 33.341 ng

RT: 21.392 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

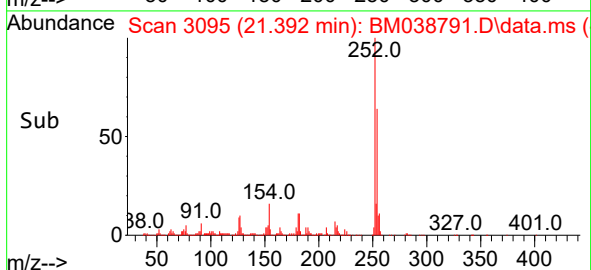
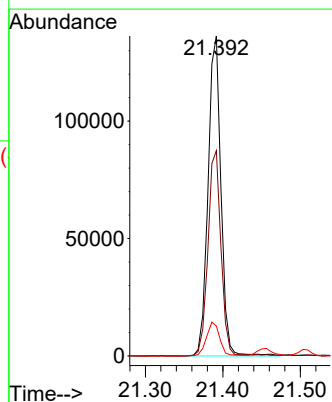
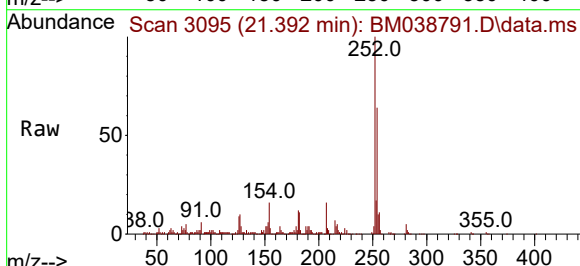
Tgt Ion:252 Resp: 157216

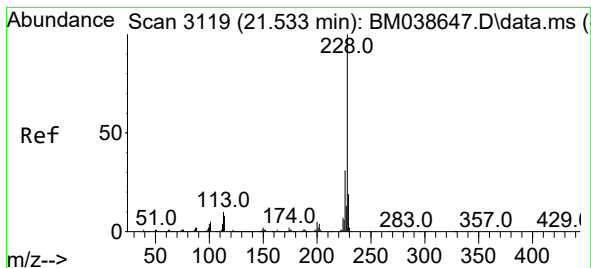
Ion Ratio Lower Upper

252 100

254 64.1 52.8 79.2

126 9.3 8.2 12.2





#83

Chrysene

Concen: 45.673 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

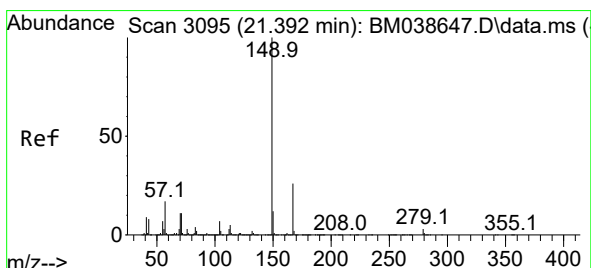
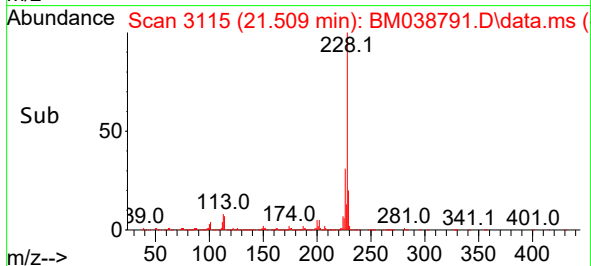
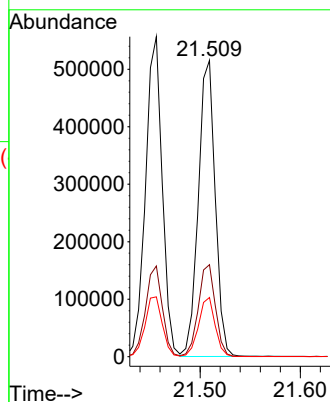
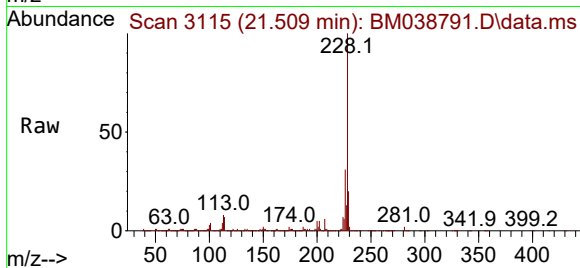
Tgt Ion:228 Resp: 603150

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.615 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

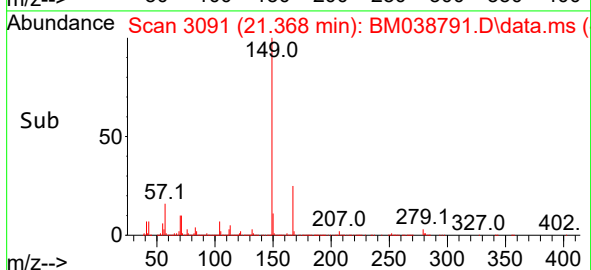
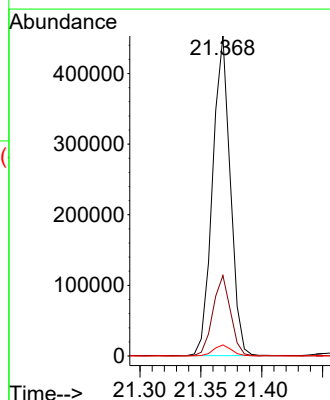
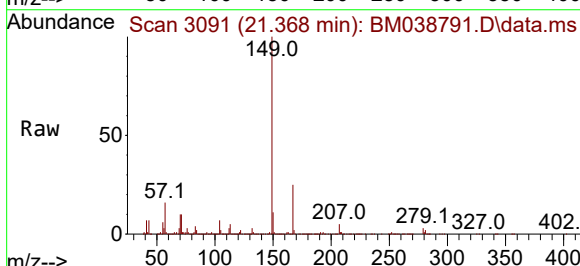
Tgt Ion:149 Resp: 458650

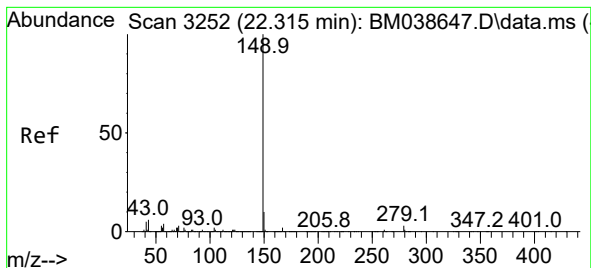
Ion Ratio Lower Upper

149 100

167 25.1 20.8 31.2

279 3.5 2.5 3.7

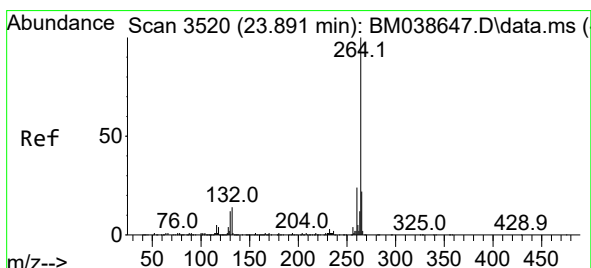
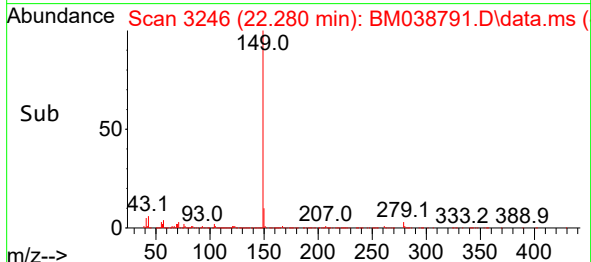
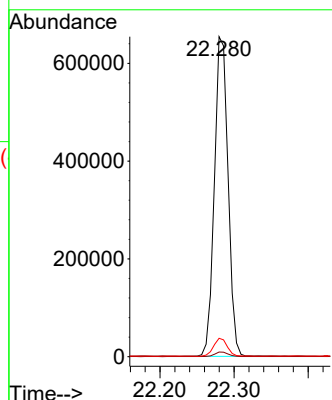
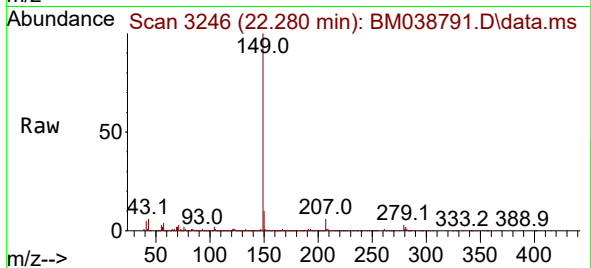




#85  
Di-n-octyl phthalate  
Concen: 47.747 ng  
RT: 22.280 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

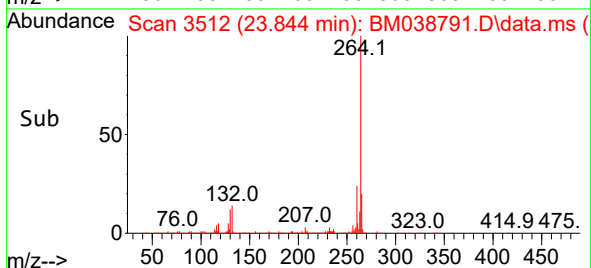
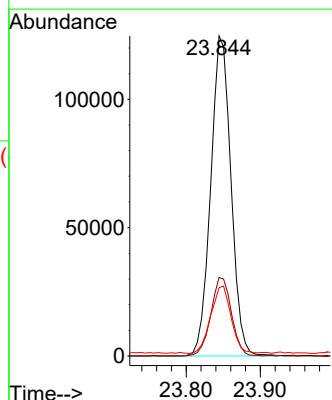
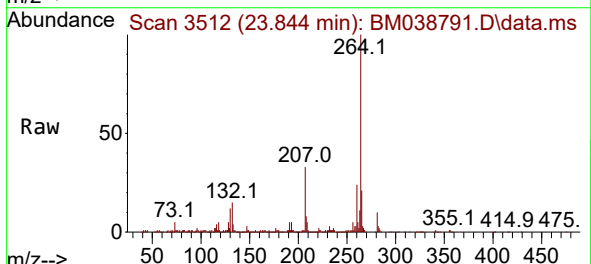
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

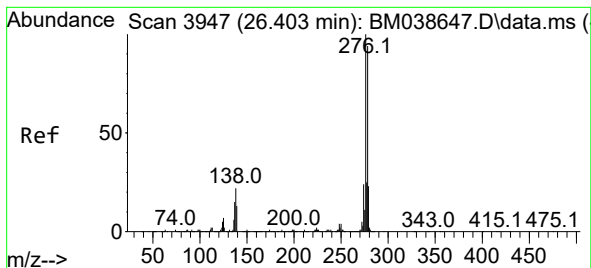
Tgt Ion:149 Resp: 838428  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 5.5 4.6 6.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.844 min Scan# 3512  
Delta R.T. -0.006 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:264 Resp: 236669  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.609 ng

RT: 26.332 min Scan# 3947

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

Instrument :

BNA\_M

ClientSampleId :

B-26-SB01MS

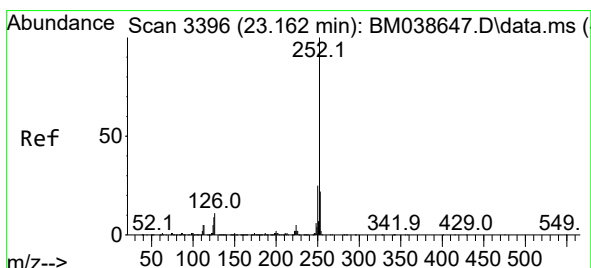
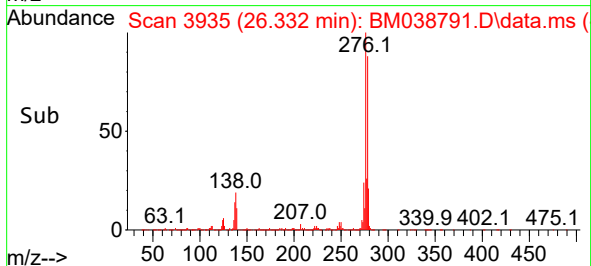
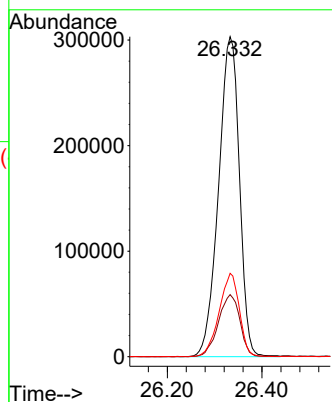
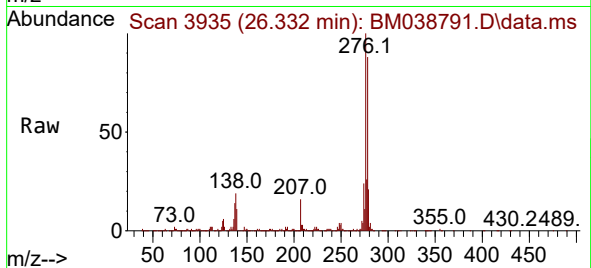
Tgt Ion:276 Resp: 924786

Ion Ratio Lower Upper

276 100

138 20.1 17.2 25.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.475 ng

RT: 23.127 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM038791.D

Acq: 20 Feb 2023 17:41

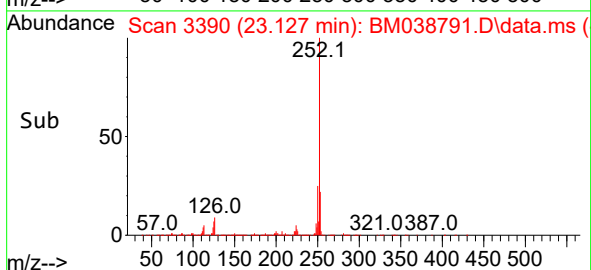
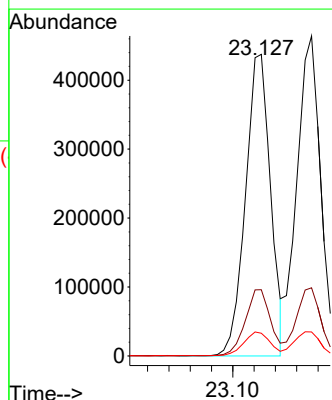
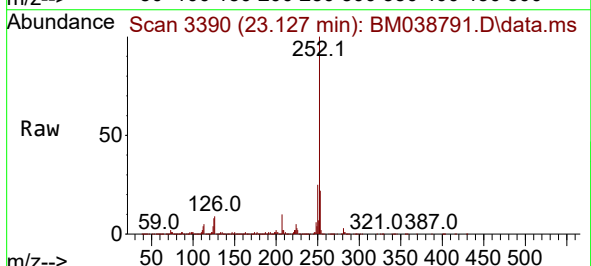
Tgt Ion:252 Resp: 715516

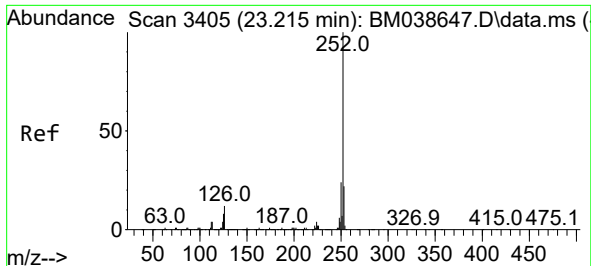
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.5 7.0 10.6

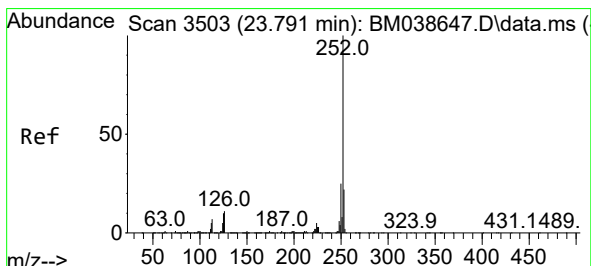
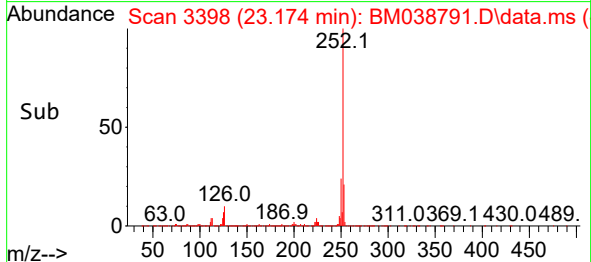
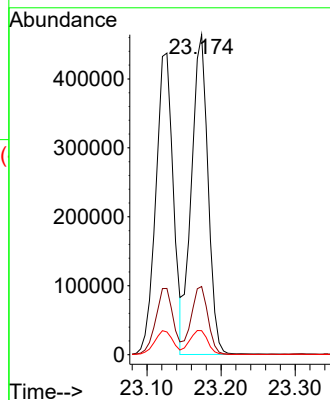
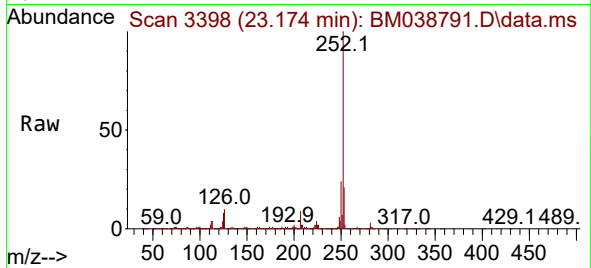




#89  
Benzo(k)fluoranthene  
Concen: 49.825 ng  
RT: 23.174 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

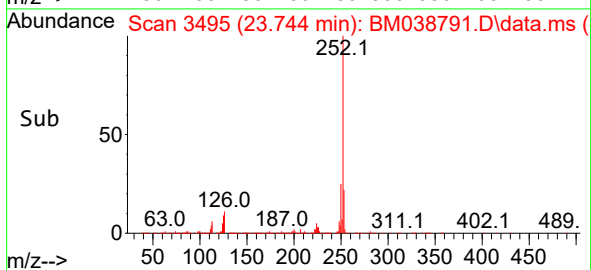
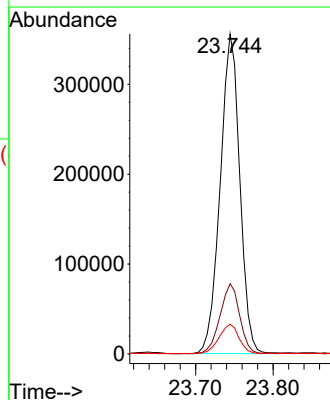
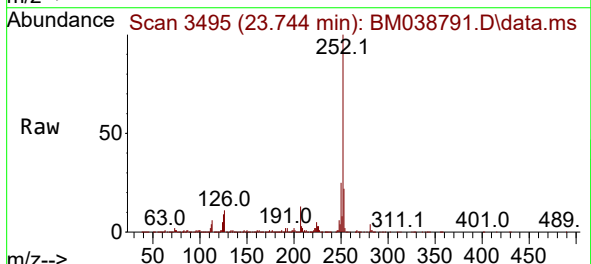
Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

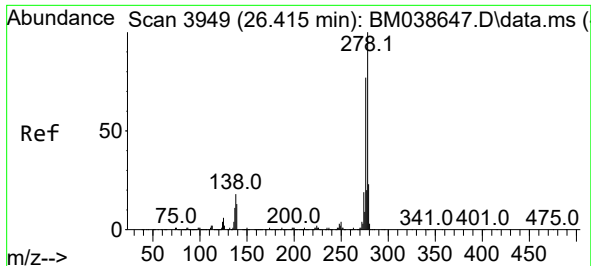
Tgt Ion:252 Resp: 717229  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.0  
125 7.5 6.6 9.8



#90  
Benzo(a)pyrene  
Concen: 44.713 ng  
RT: 23.744 min Scan# 3495  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:252 Resp: 626798  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 9.3 7.8 11.8

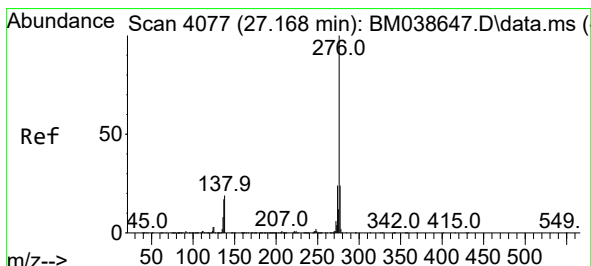
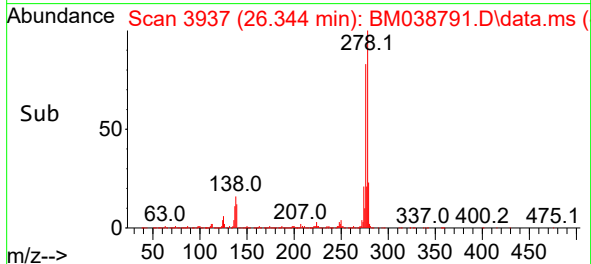
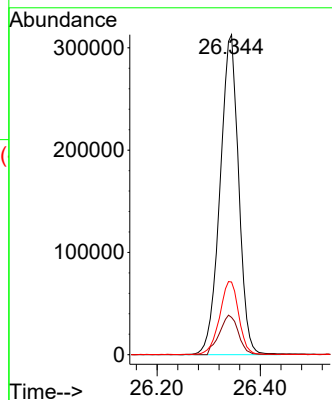
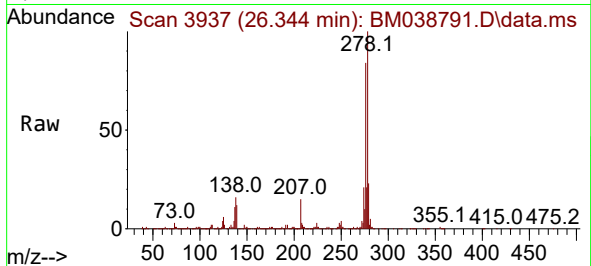




#91  
Dibenzo(a,h)anthracene  
Concen: 49.779 ng  
RT: 26.344 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Instrument :  
BNA\_M  
ClientSampleId :  
B-26-SB01MS

Tgt Ion:278 Resp: 780719  
Ion Ratio Lower Upper  
278 100  
139 11.7 10.5 15.7  
279 22.7 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 43.762 ng  
RT: 27.097 min Scan# 4065  
Delta R.T. 0.000 min  
Lab File: BM038791.D  
Acq: 20 Feb 2023 17:41

Tgt Ion:276 Resp: 693794  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.1 28.7  
138 18.1 15.3 22.9

