

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060923\  
 Data File : BM040209.D  
 Acq On : 10 Jun 2023 03:40  
 Operator : MA/JU  
 Sample : 03047-02MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB32BMSD

Quant Time: Jun 10 04:47:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 23:25:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.987  | 152  | 291116   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.798 | 136  | 1370622  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.627 | 164  | 889016   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.368 | 188  | 2008197  | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.545 | 240  | 2095682  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.980 | 264  | 2203014  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1651506  | 84.707 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 2236982  | 84.085 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.151  | 82   | 1192640  | 47.097 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.110 | 330  | 1190323  | 88.991 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.251 | 172  | 3125386  | 46.466 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.986 | 244  | 6072352  | 53.414 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.393  | 88   | 251014   | 32.421 | ng    | 97       |
| 3) Pyridine                   | 3.799  | 79   | 701731   | 31.600 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.710  | 42   | 320185   | 35.563 | ng    | 94       |
| 6) Aniline                    | 7.310  | 93   | 1204916  | 37.422 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.545  | 128  | 974675   | 47.281 | ng    | 97       |
| 9) Benzaldehyde               | 7.116  | 77   | 438891   | 30.980 | ng    | 97       |
| 10) Phenol                    | 7.175  | 94   | 1232362  | 47.100 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.404  | 93   | 840659   | 39.868 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.875  | 146  | 916878   | 44.243 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.022  | 146  | 938368   | 44.315 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.339  | 146  | 923201   | 44.301 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.228  | 79   | 776786   | 44.243 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.522  | 45   | 1065972  | 39.655 | ng    | 100      |
| 17) 2-Methylphenol            | 8.428  | 107  | 812912   | 43.604 | ng    | 98       |
| 18) Hexachloroethane          | 9.075  | 117  | 325904   | 42.984 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.798  | 70   | 643696   | 39.824 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 1128505  | 44.341 | ng    | 98       |
| 22) Acetophenone              | 8.816  | 105  | 1398273  | 39.065 | ng    | # 97     |
| 24) Nitrobenzene              | 9.198  | 77   | 953649   | 36.588 | ng    | 94       |
| 25) Isophorone                | 9.722  | 82   | 1841578  | 38.511 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.910  | 139  | 502934   | 46.437 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.969  | 122  | 960262   | 45.316 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.210 | 93   | 1204672  | 39.023 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.445 | 162  | 957530   | 49.266 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.663 | 180  | 889559   | 45.183 | ng    | 99       |
| 31) Naphthalene               | 10.851 | 128  | 2921116  | 39.568 | ng    | 100      |
| 32) Benzoic acid              | 10.104 | 122  | 726953   | 45.165 | ng    | 93       |
| 33) 4-Chloroaniline           | 10.957 | 127  | 1029858  | 31.322 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.133 | 225  | 461143   | 44.654 | ng    | 99       |
| 35) Caprolactam               | 11.745 | 113  | 324097   | 48.557 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 12.080 | 107  | 1023836  | 45.363 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.457 | 142  | 2085676  | 40.855 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.675 | 142  | 1980939  | 41.147 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.822 | 216  | 1011825  | 42.931 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.804 | 237  | 1033824  | 84.120 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.063 | 196  | 754595   | 46.678 | ng    | 100      |

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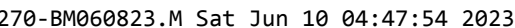
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB32BMSD

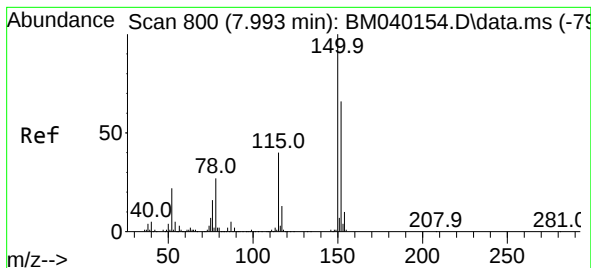
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 23:25:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.127 | 196  | 833917   | 42.735 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.463 | 154  | 2846069  | 39.925 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.504 | 162  | 2189222  | 41.340 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.710 | 65   | 621316   | 39.130 | ng    | 87       |
| 49) Acenaphthylene            | 14.351 | 152  | 3554175  | 40.480 | ng    | 100      |
| 50) Dimethylphthalate         | 14.086 | 163  | 2801271  | 40.399 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.204 | 165  | 603629   | 43.436 | ng    | # 85     |
| 52) Acenaphthene              | 14.692 | 154  | 2146388  | 39.635 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.533 | 138  | 618572   | 35.677 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.733 | 184  | 667801   | 75.920 | ng    | # 84     |
| 55) Dibenzofuran              | 15.021 | 168  | 3465566  | 40.909 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.833 | 139  | 1338128  | 95.289 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 862173   | 46.488 | ng    | # 84     |
| 58) Fluorene                  | 15.668 | 166  | 2945731  | 41.542 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.245 | 232  | 749809   | 49.142 | ng    | 90       |
| 60) Diethylphthalate          | 15.445 | 149  | 2929777  | 41.644 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.663 | 204  | 1423390  | 42.945 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.692 | 138  | 786427   | 42.579 | ng    | 94       |
| 63) Azobenzene                | 15.957 | 77   | 2785359  | 40.720 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 460926   | 40.920 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.880 | 169  | 2564566  | 38.990 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.557 | 248  | 856220   | 42.452 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.674 | 284  | 1044428  | 45.151 | ng    | # 91     |
| 69) Atrazine                  | 16.827 | 200  | 882215   | 49.077 | ng    | 97       |
| 70) Pentachlorophenol         | 17.015 | 266  | 1443703  | 85.022 | ng    | 99       |
| 71) Phenanthrene              | 17.410 | 178  | 4698946  | 40.158 | ng    | 99       |
| 72) Anthracene                | 17.504 | 178  | 4750498  | 40.695 | ng    | 99       |
| 73) Carbazole                 | 17.774 | 167  | 4600964  | 41.322 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 5374514  | 43.039 | ng    | 99       |
| 75) Fluoranthene              | 19.421 | 202  | 5445942  | 43.859 | ng    | 98       |
| 77) Benzidine                 | 19.603 | 184  | 3253589  | 82.667 | ng    | 100      |
| 78) Pyrene                    | 19.786 | 202  | 5856781  | 41.911 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.674 | 149  | 2512823  | 44.488 | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.527 | 228  | 6142638  | 42.983 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.462 | 252  | 2272827  | 47.854 | ng    | 99       |
| 83) Chrysene                  | 21.586 | 228  | 5586767  | 41.267 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.450 | 149  | 3755556  | 45.024 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.386 | 149  | 6673833  | 49.271 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.527 | 276  | 6531597  | 39.541 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.239 | 252  | 6262185  | 46.935 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.286 | 252  | 6203821  | 44.488 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.874 | 252  | 5230265  | 41.048 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.538 | 278  | 5596900  | 39.250 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.303 | 276  | 4756897  | 38.835 | ng    | 97       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.987 min Scan# 79

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

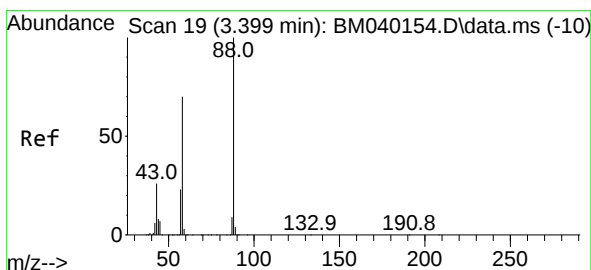
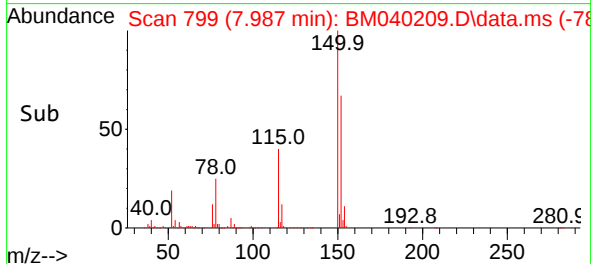
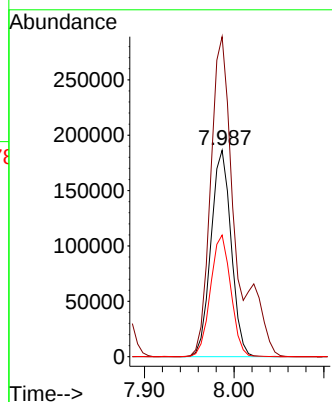
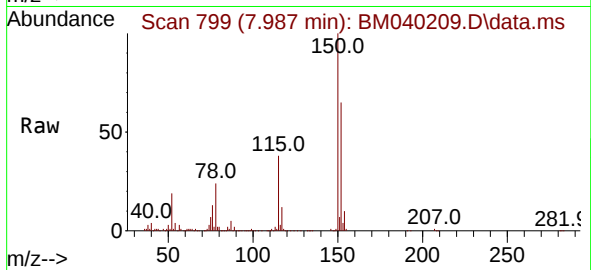
Tgt Ion:152 Resp: 291116

Ion Ratio Lower Upper

152 100

150 155.0 121.4 182.0

115 58.9 48.2 72.4



#2

1,4-Dioxane

Concen: 32.421 ng

RT: 3.393 min Scan# 18

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

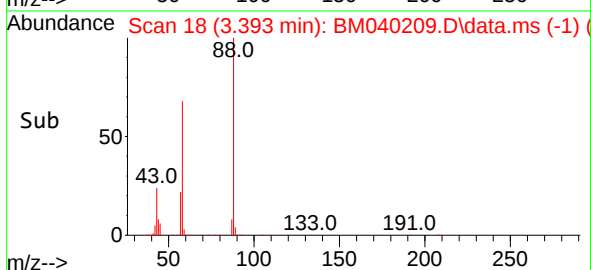
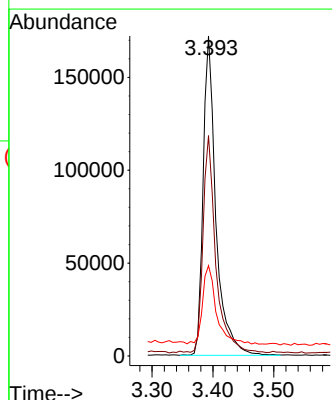
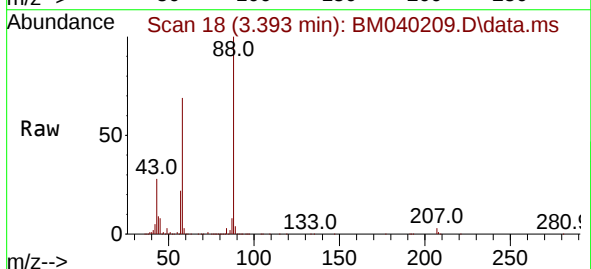
Tgt Ion: 88 Resp: 251014

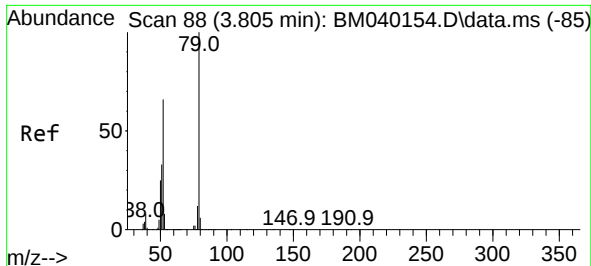
Ion Ratio Lower Upper

88 100

58 67.5 56.4 84.6

43 26.4 21.2 31.8

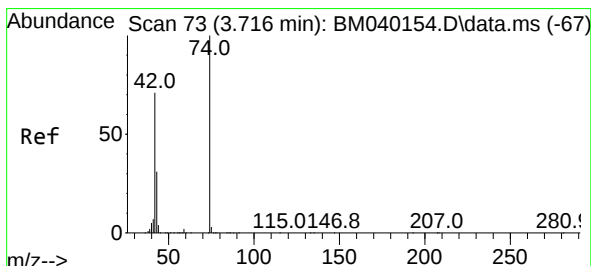
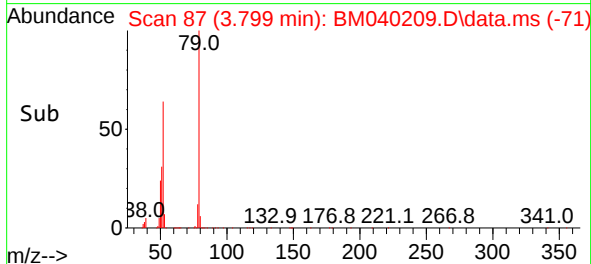
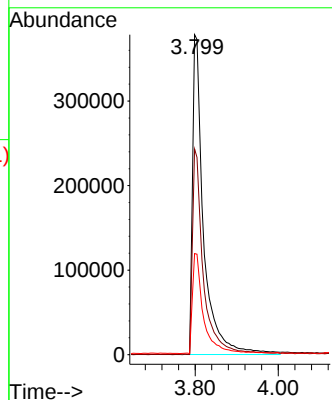
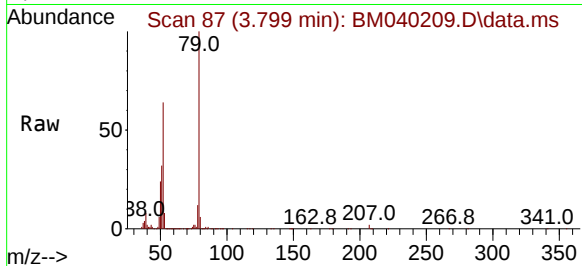




#3  
 Pyridine  
 Concen: 31.600 ng  
 RT: 3.799 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

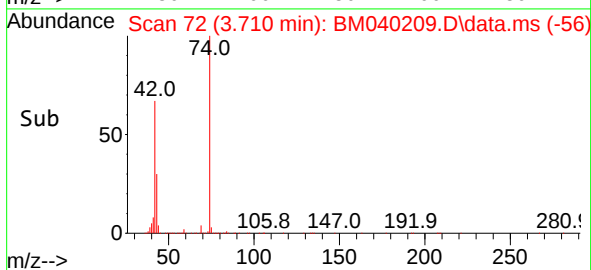
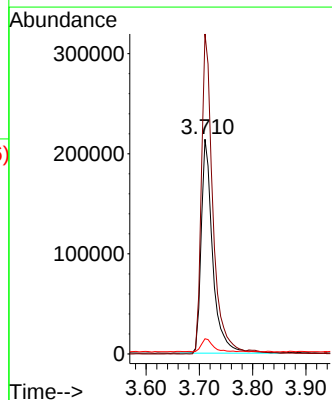
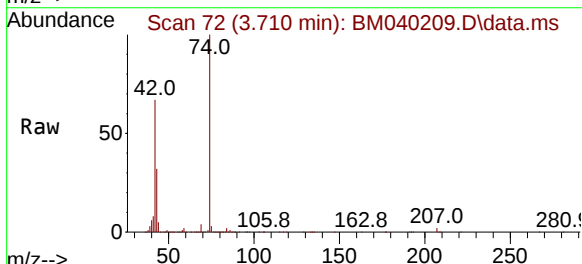
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB32BMSD

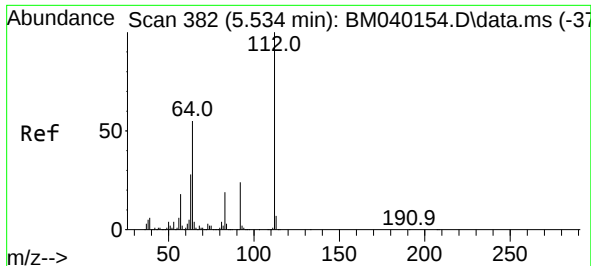
Tgt Ion: 79 Resp: 701731  
 Ion Ratio Lower Upper  
 79 100  
 52 64.3 52.8 79.2  
 51 31.6 26.2 39.4



#4  
 n-Nitrosodimethylamine  
 Concen: 35.563 ng  
 RT: 3.710 min Scan# 72  
 Delta R.T. -0.006 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

Tgt Ion: 42 Resp: 320185  
 Ion Ratio Lower Upper  
 42 100  
 74 149.0 113.0 169.4  
 44 7.1 5.8 8.6

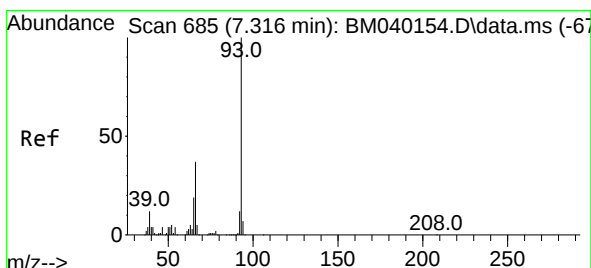
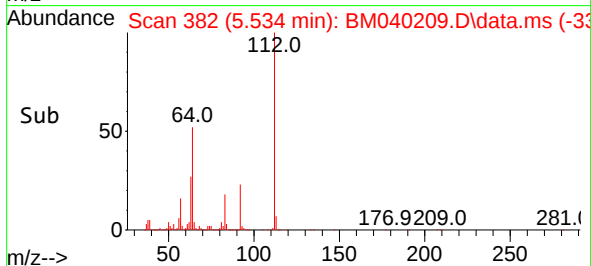
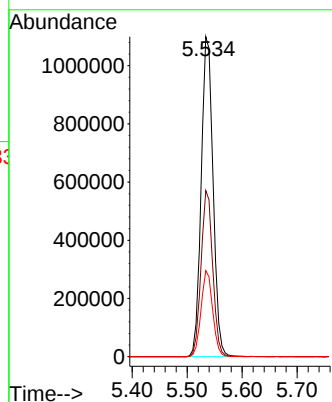
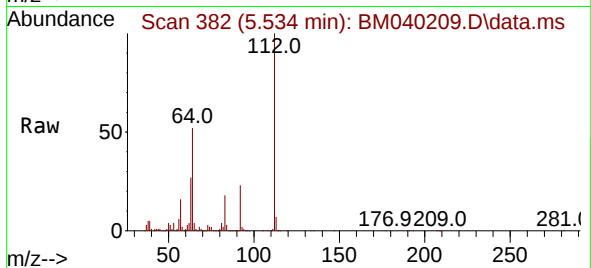




#5  
2-Fluorophenol  
Concen: 84.707 ng  
RT: 5.534 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

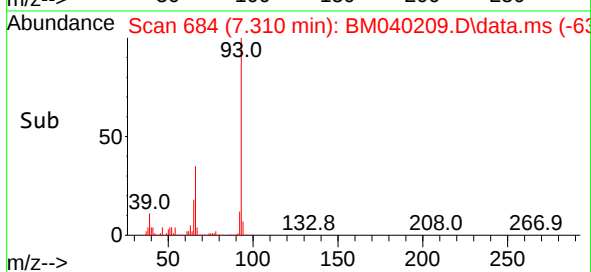
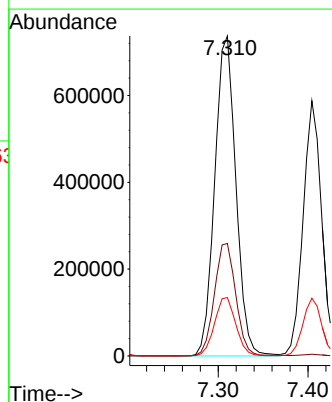
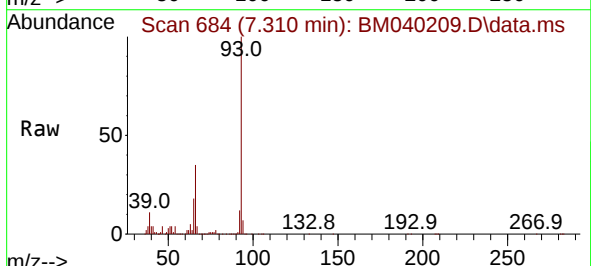
Instrument :  
BNA\_M  
ClientSampleId :  
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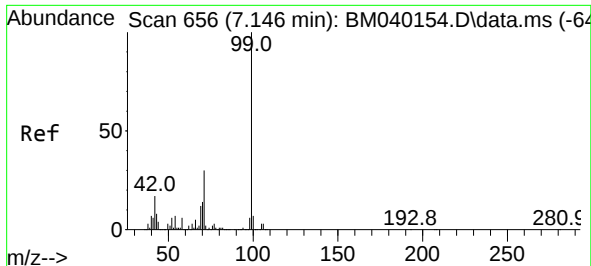
Tgt Ion:112 Resp: 1651506  
Ion Ratio Lower Upper  
112 100  
64 51.9 43.8 65.6  
63 26.9 22.8 34.2



#6  
Aniline  
Concen: 37.422 ng  
RT: 7.310 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 93 Resp: 1204916  
Ion Ratio Lower Upper  
93 100  
66 35.2 29.4 44.0  
65 18.3 15.3 22.9



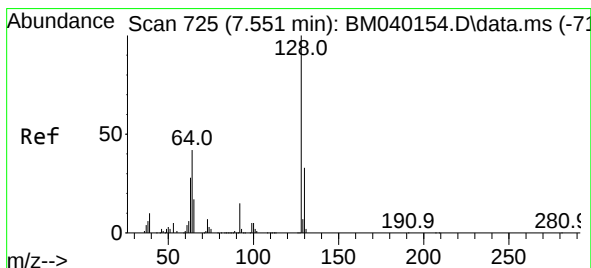
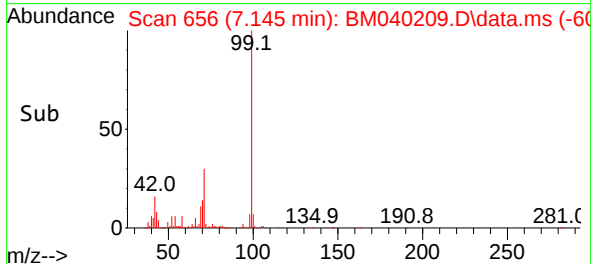
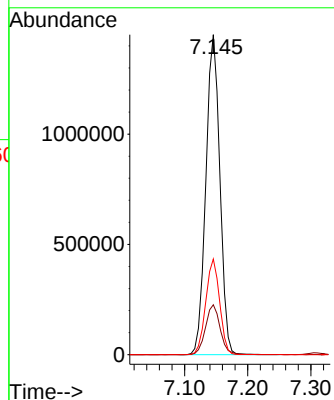
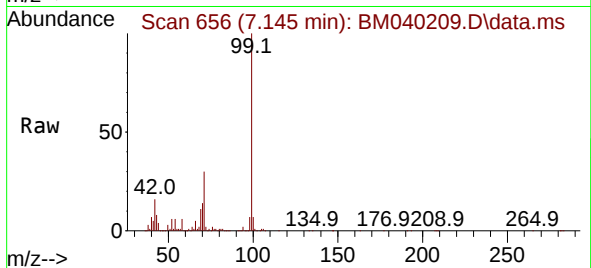


#7  
Phenol-d6  
Concen: 84.085 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Instrument :  
BNA\_M  
ClientSampleId :  
SB32BM5D

Tgt Ion: 99 Resp: 2236982

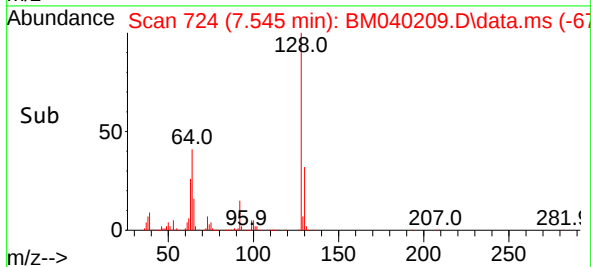
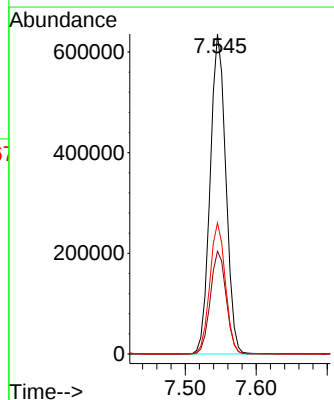
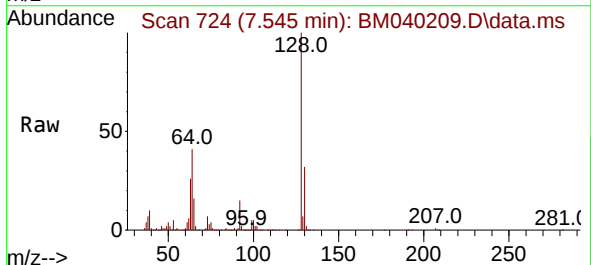
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.6  | 13.4  | 20.2  |
| 71  | 29.9  | 24.3  | 36.5  |

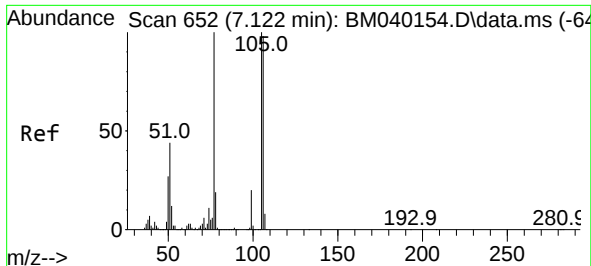


#8  
2-Chlorophenol  
Concen: 47.281 ng  
RT: 7.545 min Scan# 724  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 128 Resp: 974675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.6  | 52.6  |
| 64  | 41.0  | 23.8  | 63.8  |

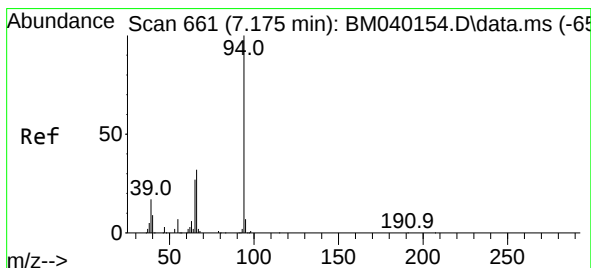
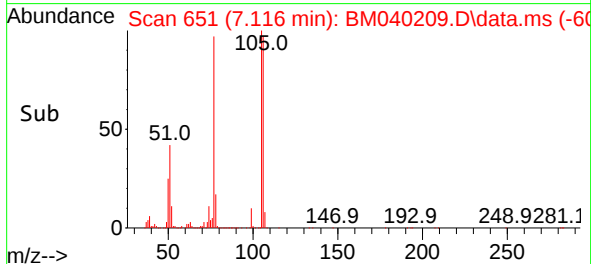
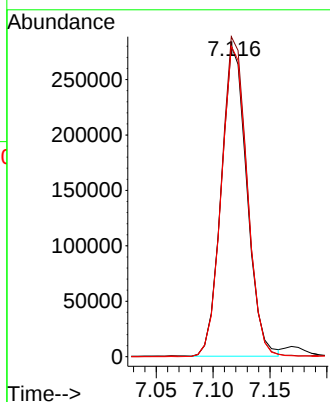
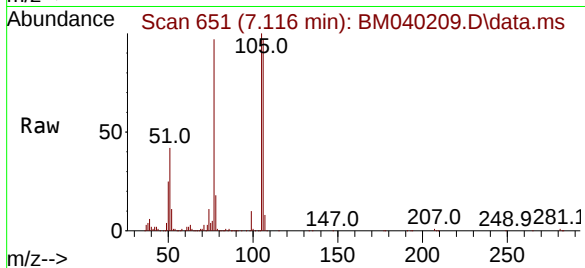




#9  
Benzaldehyde  
Concen: 30.980 ng  
RT: 7.116 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

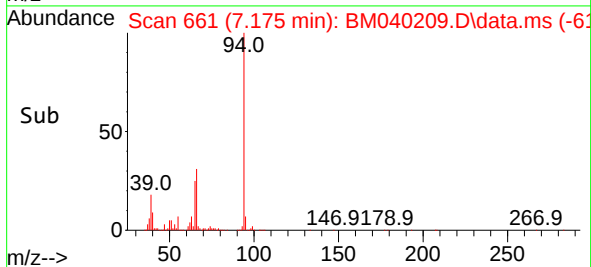
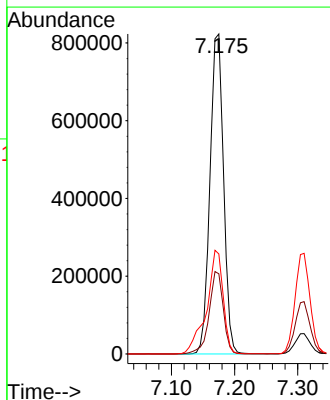
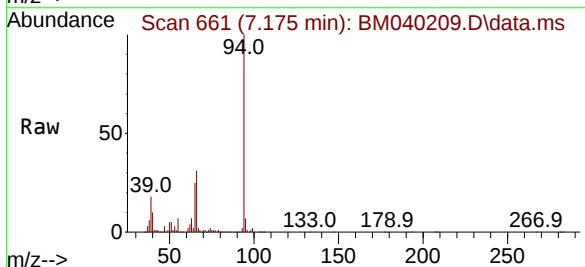
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

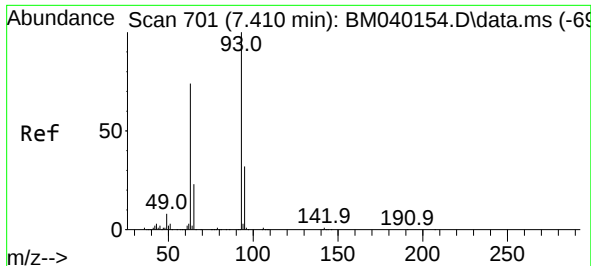
Tgt Ion: 77 Resp: 438891  
Ion Ratio Lower Upper  
77 100  
105 102.9 79.8 119.8  
106 99.8 77.4 117.4



#10  
Phenol  
Concen: 47.100 ng  
RT: 7.175 min Scan# 661  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 94 Resp: 1232362  
Ion Ratio Lower Upper  
94 100  
65 25.0 6.9 46.9  
66 31.3 12.5 52.5

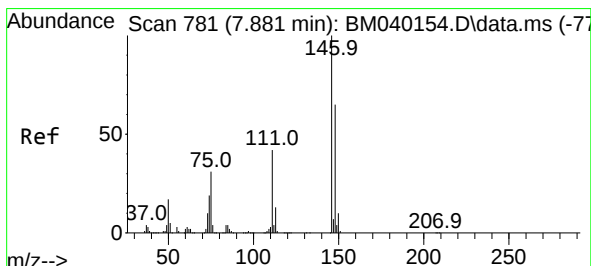
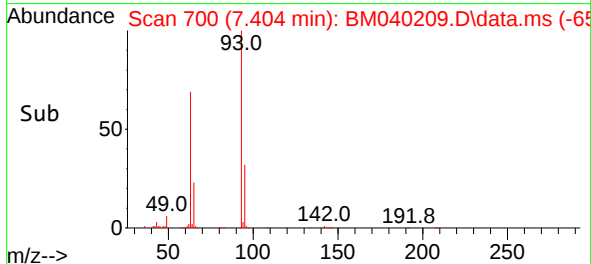
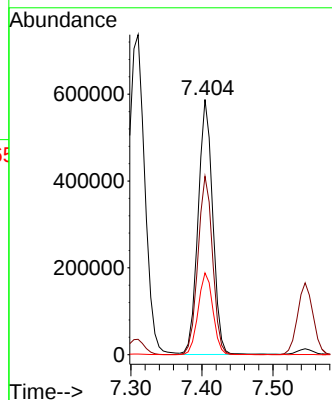
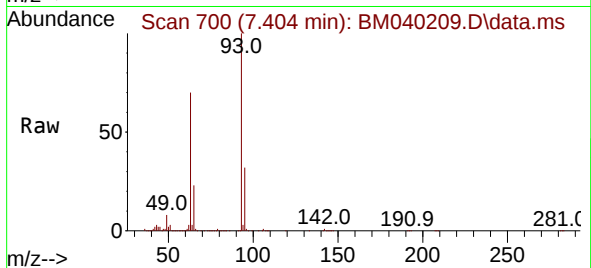




#11  
bis(2-Chloroethyl)ether  
Concen: 39.868 ng  
RT: 7.404 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

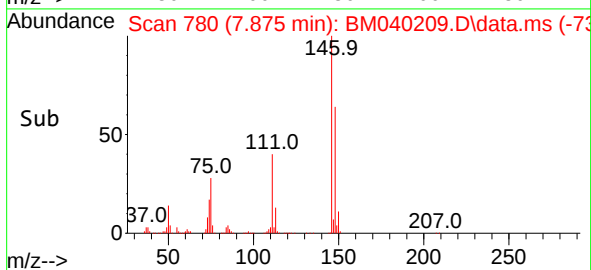
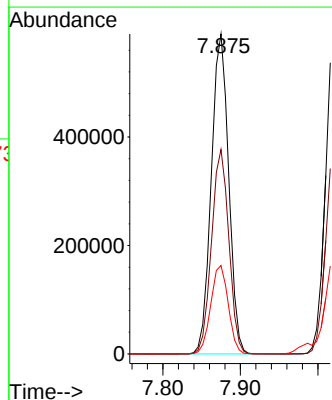
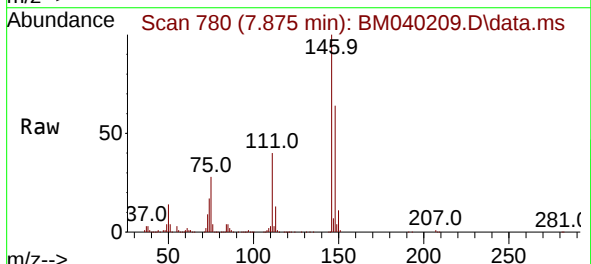
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

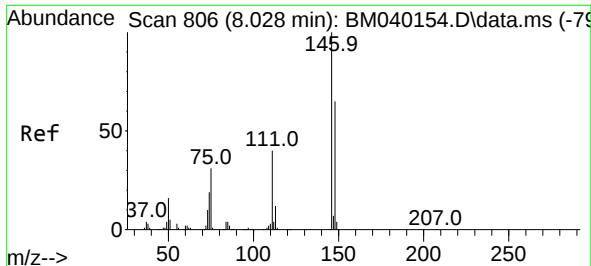
Tgt Ion: 93 Resp: 840659  
Ion Ratio Lower Upper  
93 100  
63 69.9 53.6 93.6  
95 32.0 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 44.243 ng  
RT: 7.875 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 146 Resp: 916878  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.9 77.9  
75 27.6 24.8 37.2

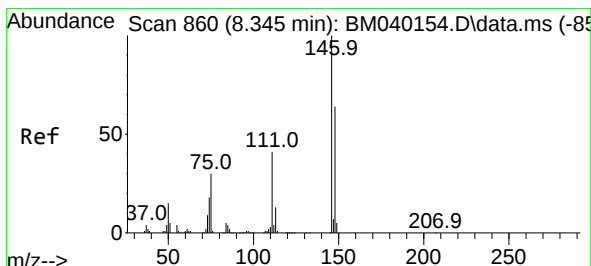
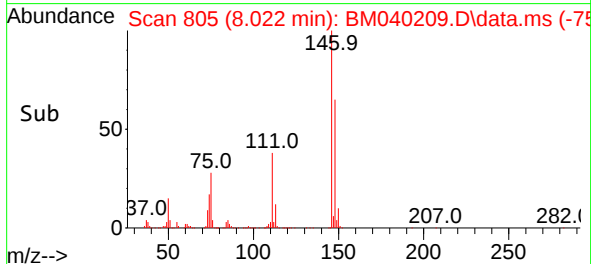
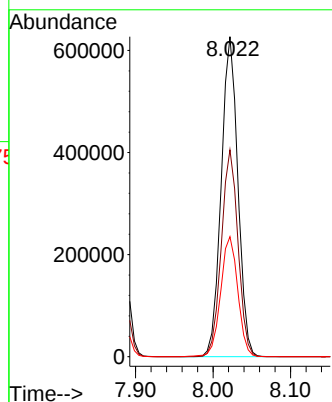
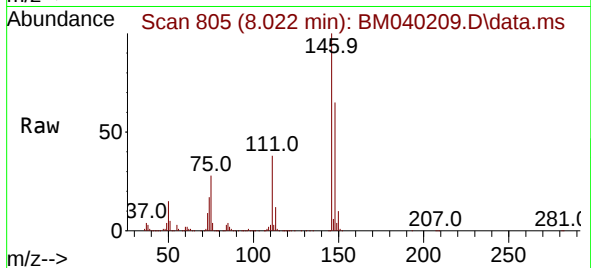




#13  
1,4-Dichlorobenzene  
Concen: 44.315 ng  
RT: 8.022 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

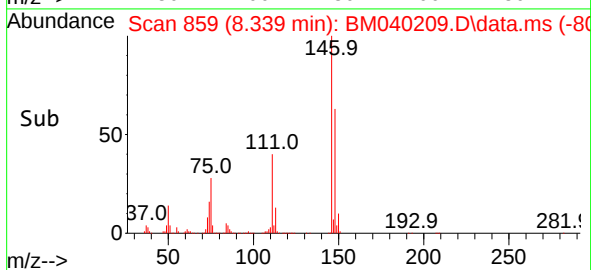
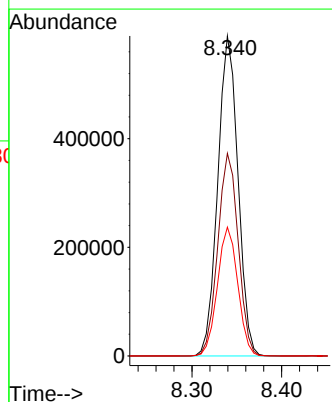
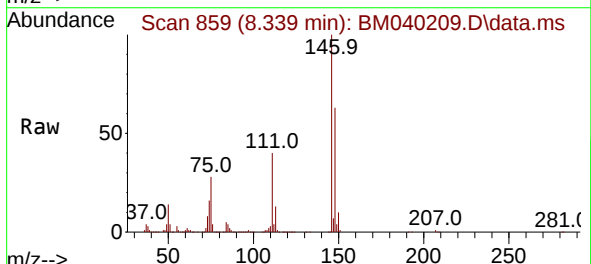
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

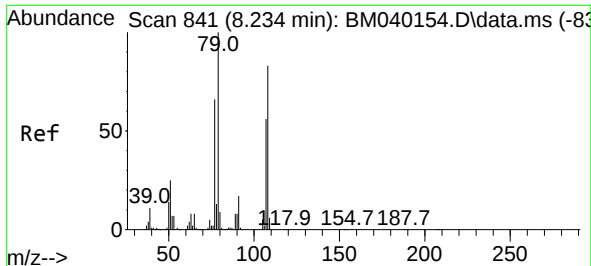
Tgt Ion:146 Resp: 938368  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.1 78.1  
111 37.5 31.9 47.9



#14  
1,2-Dichlorobenzene  
Concen: 44.301 ng  
RT: 8.339 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:146 Resp: 923201  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.9 76.3  
111 40.2 33.4 50.0

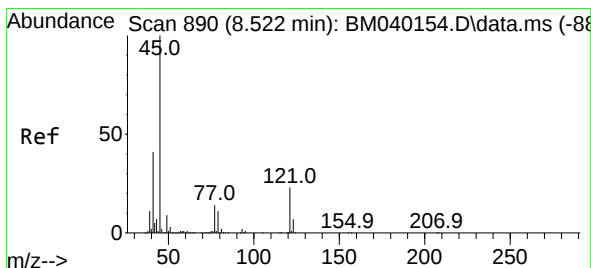
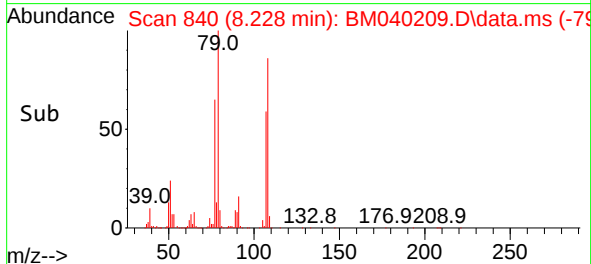
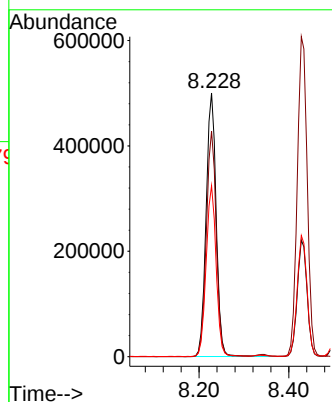
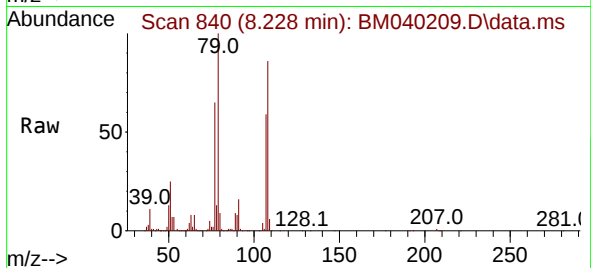




#15  
Benzyl Alcohol  
Concen: 44.243 ng  
RT: 8.228 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

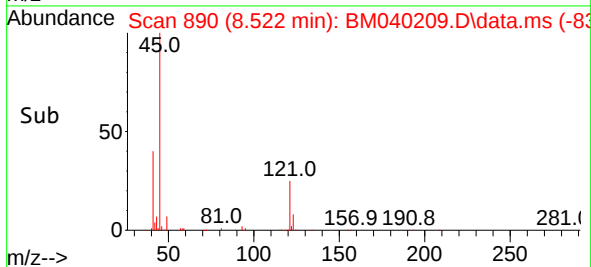
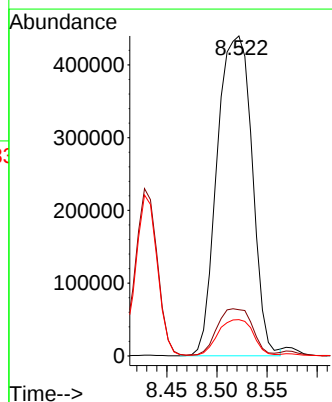
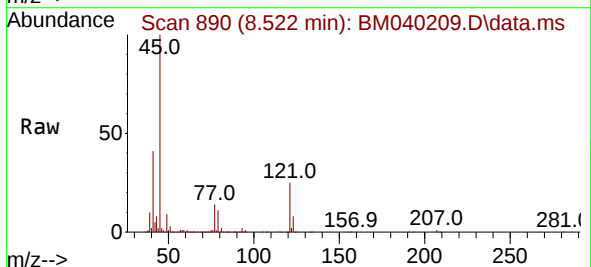
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

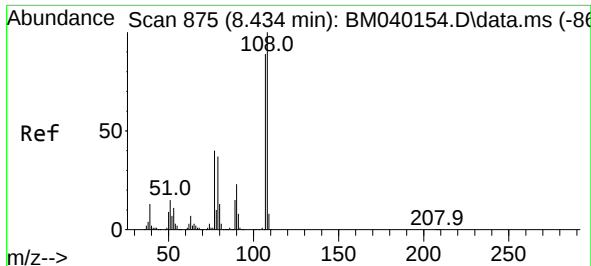
Tgt Ion: 79 Resp: 776786  
Ion Ratio Lower Upper  
79 100  
108 85.6 66.4 99.6  
77 64.8 52.6 78.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.655 ng  
RT: 8.522 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 45 Resp: 1065972  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 34.3  
79 11.4 0.0 31.2

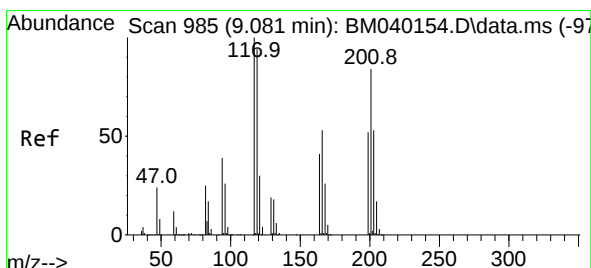
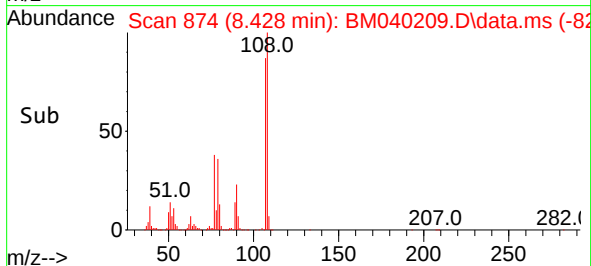
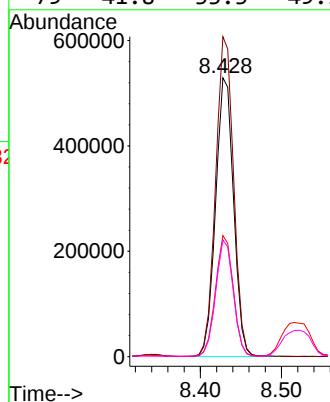
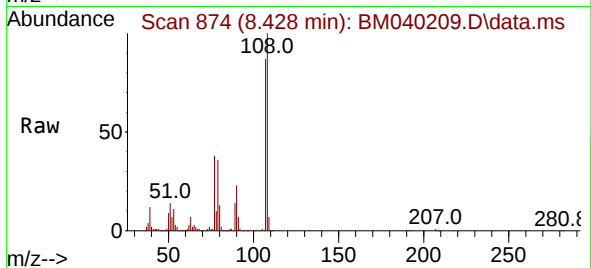




#17  
2-Methylphenol  
Concen: 43.604 ng  
RT: 8.428 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

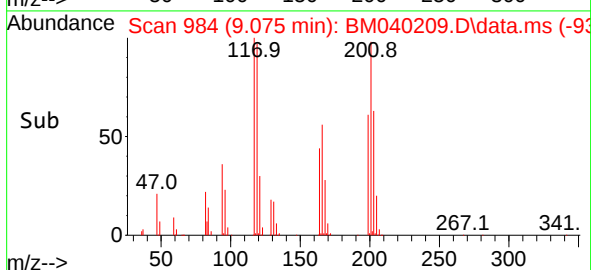
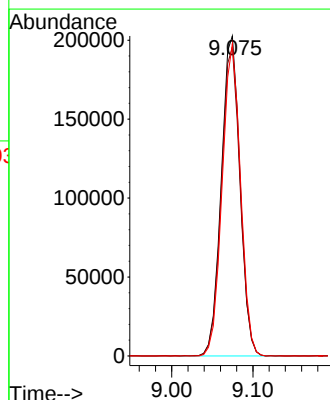
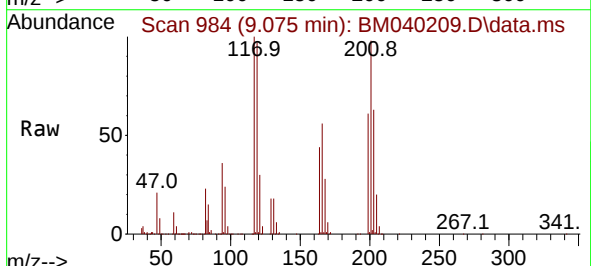
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

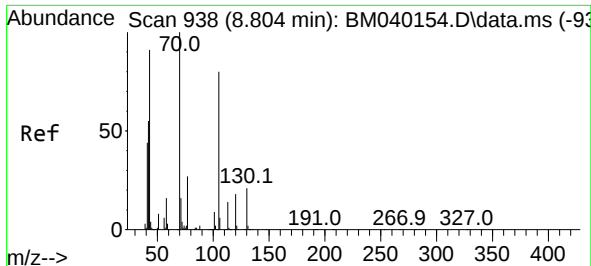
Tgt Ion:107 Resp: 812912  
Ion Ratio Lower Upper  
107 100  
108 114.8 90.1 135.1  
77 43.5 35.8 53.8  
79 41.8 33.3 49.9



#18  
Hexachloroethane  
Concen: 42.984 ng  
RT: 9.075 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:117 Resp: 325904  
Ion Ratio Lower Upper  
117 100  
119 96.5 75.6 113.4  
201 97.6 66.9 100.3

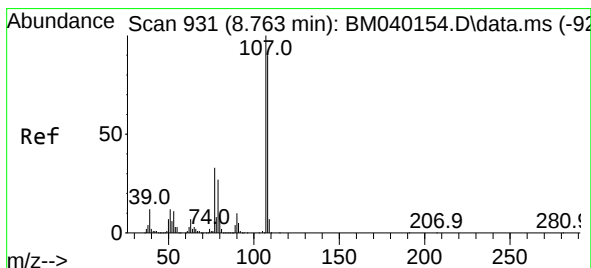
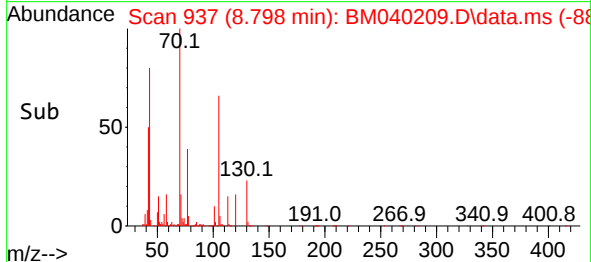
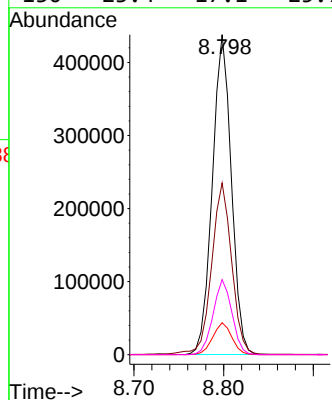
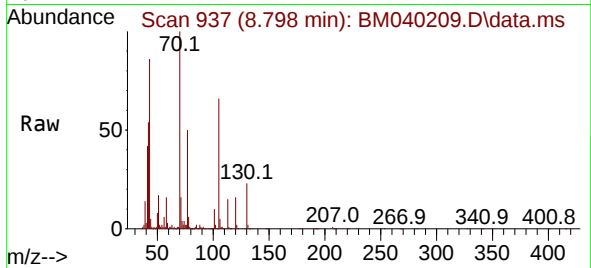




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.824 ng  
RT: 8.798 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

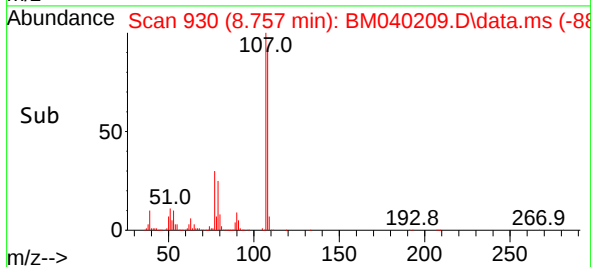
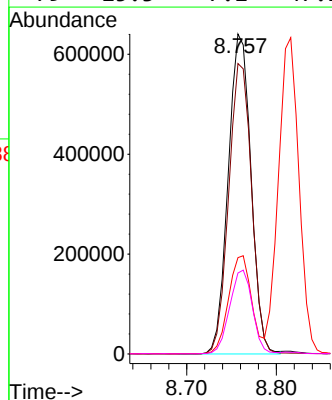
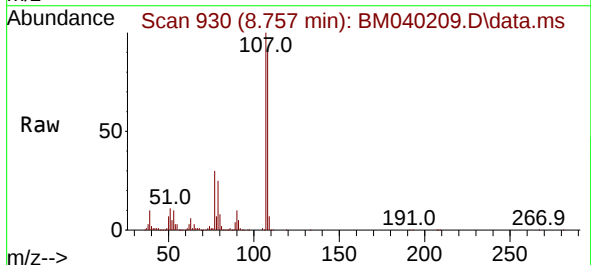
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

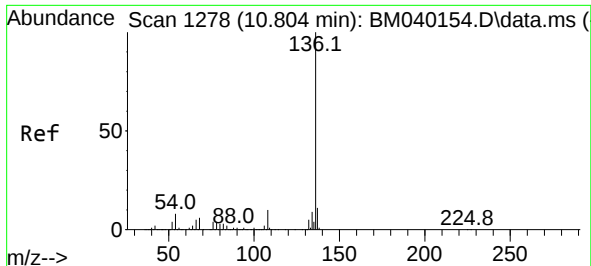
Tgt Ion: 70 Resp: 643696  
Ion Ratio Lower Upper  
70 100  
42 53.7 44.8 67.2  
101 10.0 7.5 11.3  
130 23.4 17.1 25.7



#20  
3+4-Methylphenols  
Concen: 44.341 ng  
RT: 8.757 min Scan# 930  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 107 Resp: 1128505  
Ion Ratio Lower Upper  
107 100  
108 90.7 69.8 109.8  
77 30.1 13.0 53.0  
79 25.3 7.2 47.2

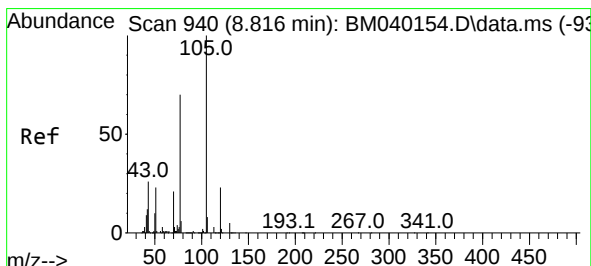
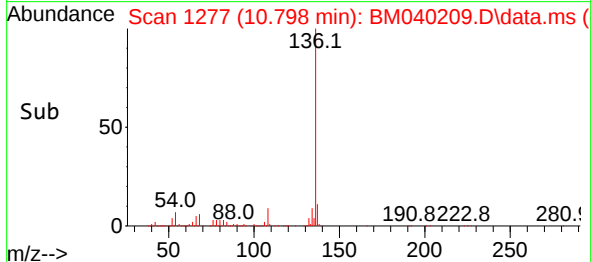
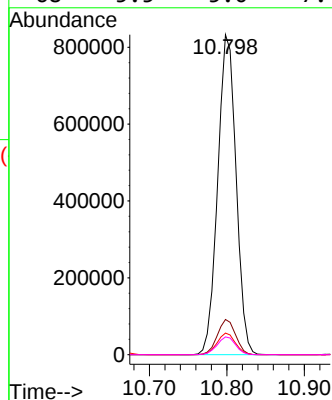
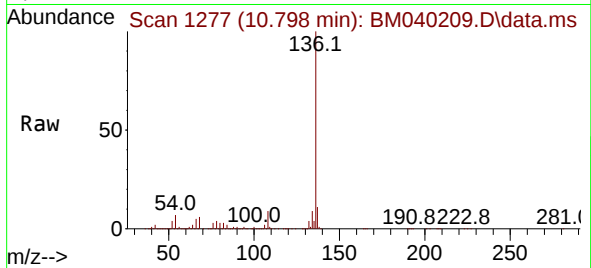




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

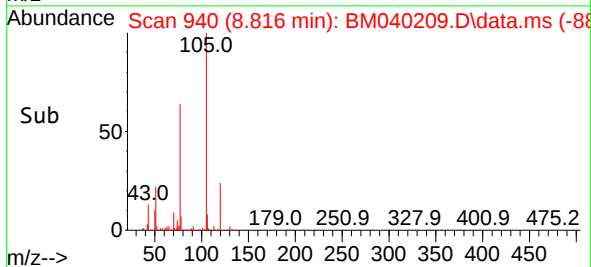
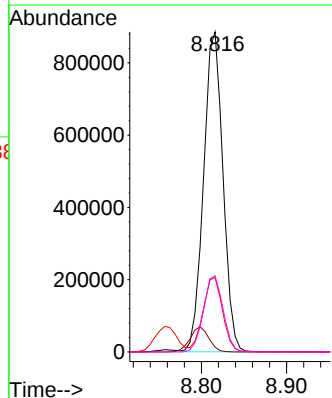
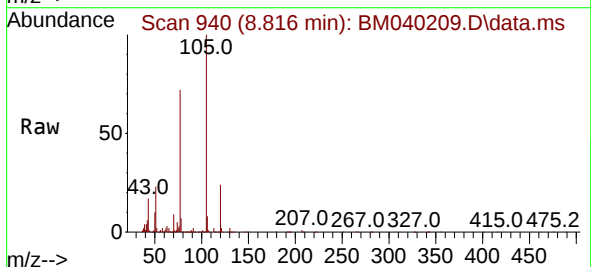
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BM3D

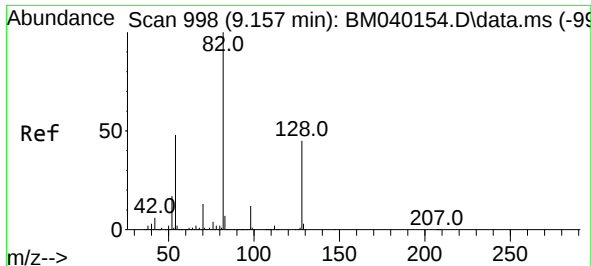
Tgt Ion:136 Resp: 1370622  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.7 6.2 9.4  
68 5.5 5.0 7.4



#22  
Acetophenone  
Concen: 39.065 ng  
RT: 8.816 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:105 Resp: 1398273  
Ion Ratio Lower Upper  
105 100  
71 1.5 3.0 4.6#  
51 23.2 20.6 31.0  
120 23.8 18.7 28.1

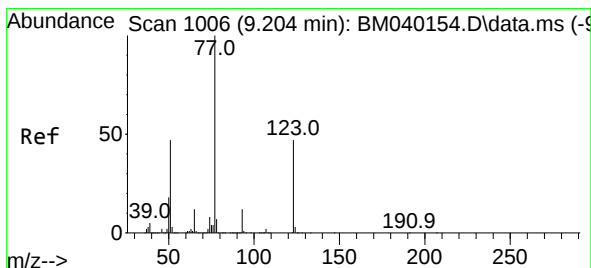
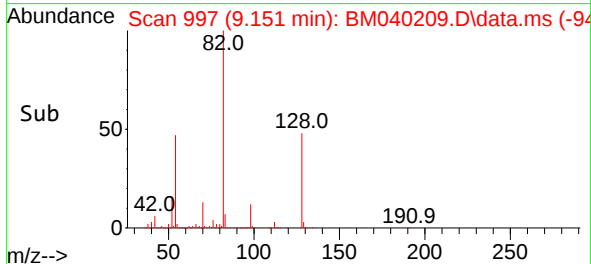
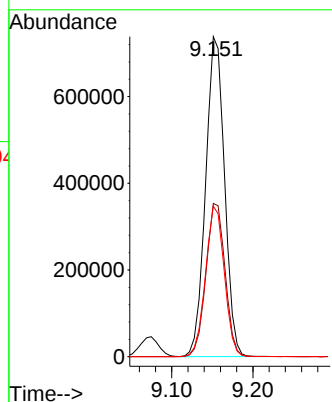
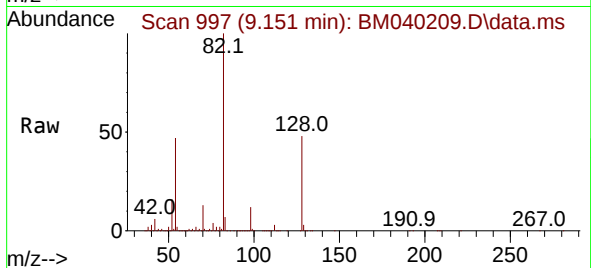




#23  
Nitrobenzene-d5  
Concen: 47.097 ng  
RT: 9.151 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

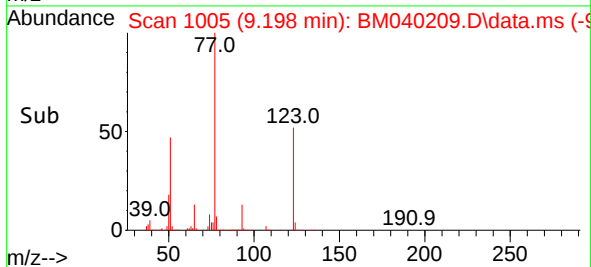
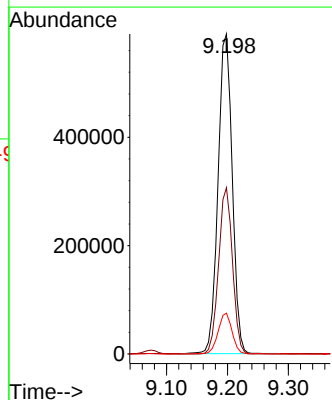
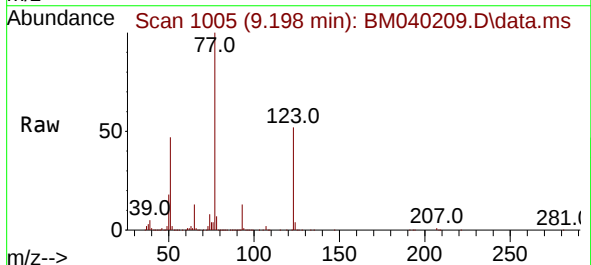
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

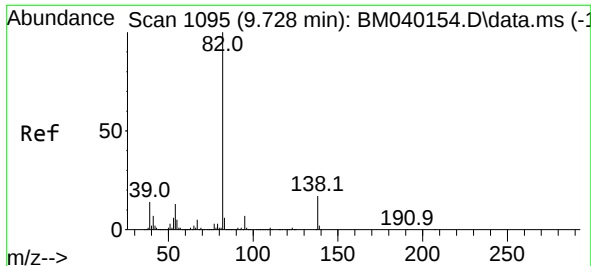
Tgt Ion: 82 Resp: 1192640  
Ion Ratio Lower Upper  
82 100  
128 47.9 36.0 54.0  
54 47.1 38.5 57.7



#24  
Nitrobenzene  
Concen: 36.588 ng  
RT: 9.198 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 77 Resp: 953649  
Ion Ratio Lower Upper  
77 100  
123 52.0 37.5 56.3  
65 12.7 10.0 15.0

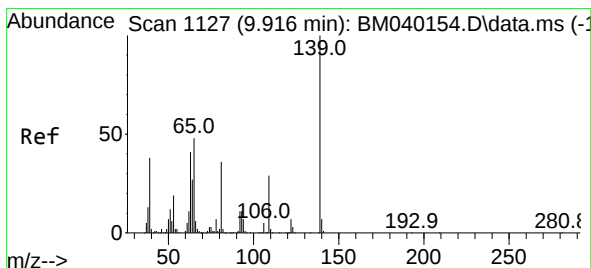
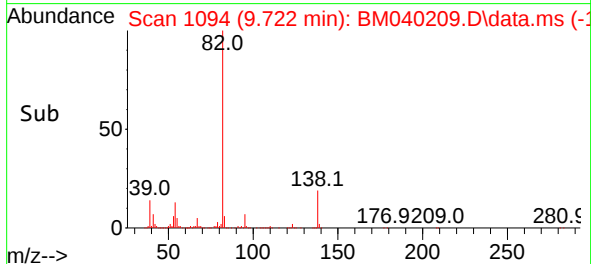
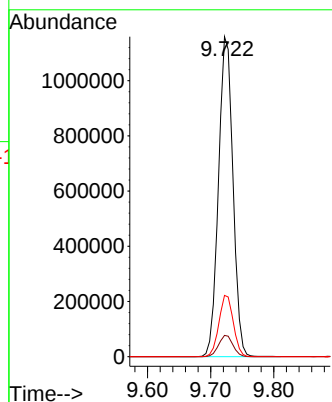
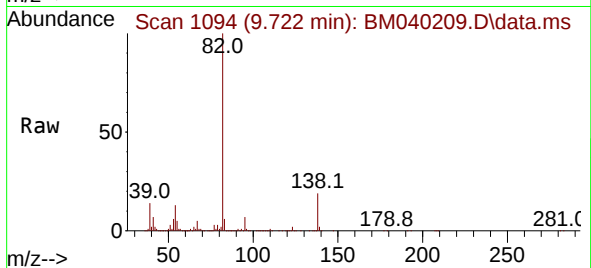




#25  
Isophorone  
Concen: 38.511 ng  
RT: 9.722 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

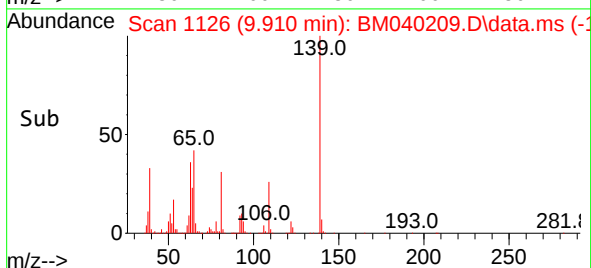
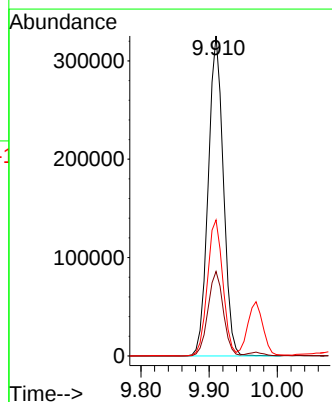
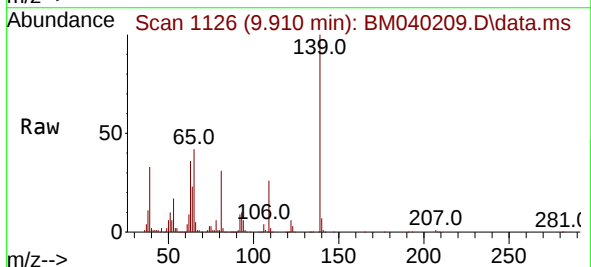
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

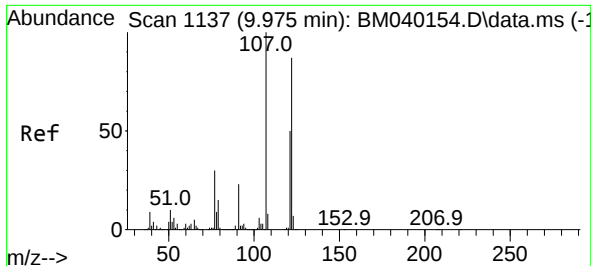
Tgt Ion: 82 Resp: 1841578  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.2 7.8  
138 19.2 13.6 20.4



#26  
2-Nitrophenol  
Concen: 46.437 ng  
RT: 9.910 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion: 139 Resp: 502934  
Ion Ratio Lower Upper  
139 100  
109 26.4 23.2 34.8  
65 42.5 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 45.316 ng

RT: 9.969 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

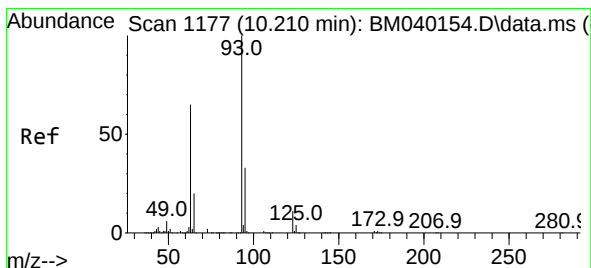
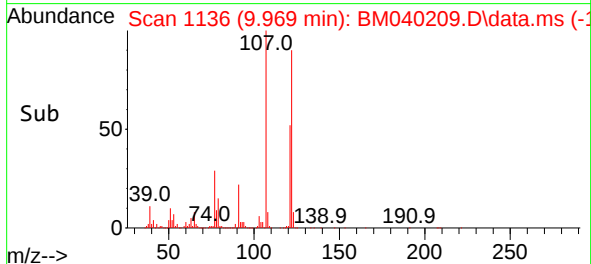
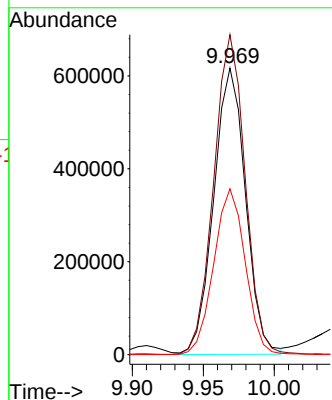
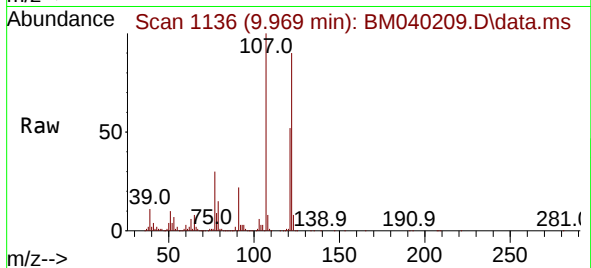
Tgt Ion:122 Resp: 960262

Ion Ratio Lower Upper

122 100

107 111.7 92.0 138.0

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.023 ng

RT: 10.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

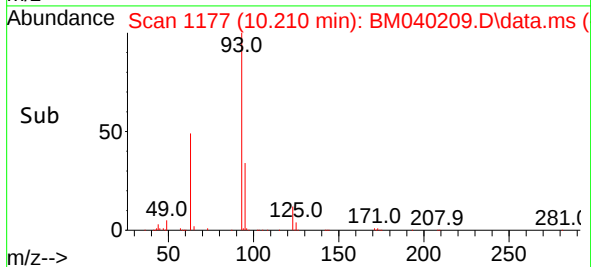
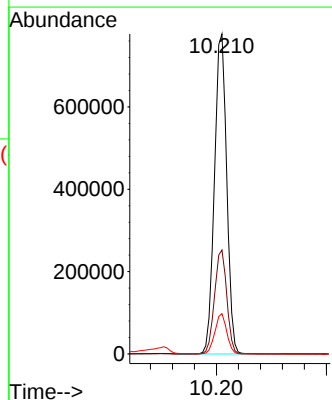
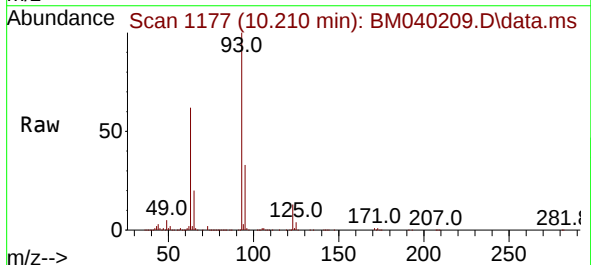
Tgt Ion: 93 Resp: 1204672

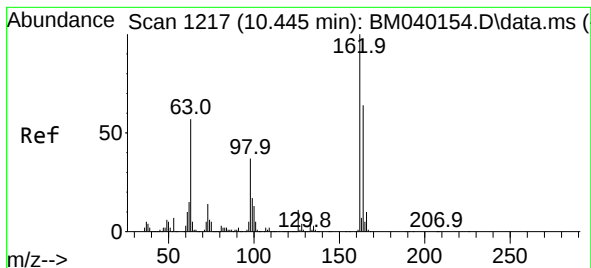
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.6 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.266 ng

RT: 10.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

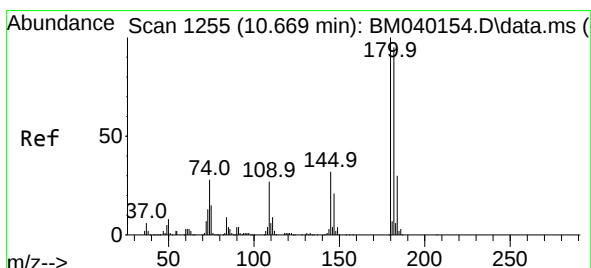
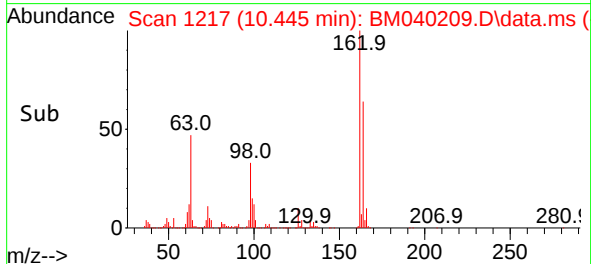
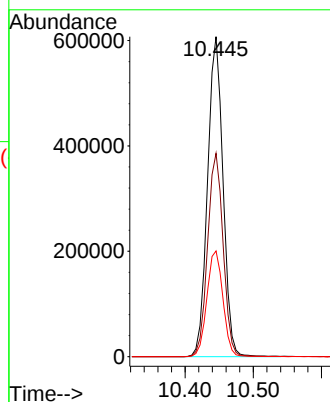
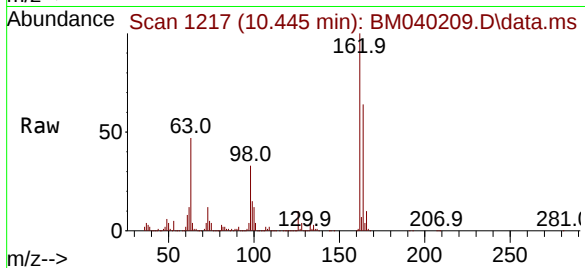
Tgt Ion:162 Resp: 957530

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 33.1 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 45.183 ng

RT: 10.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

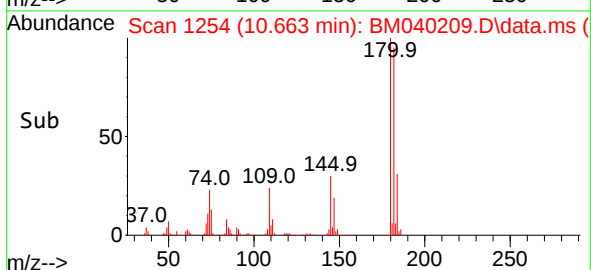
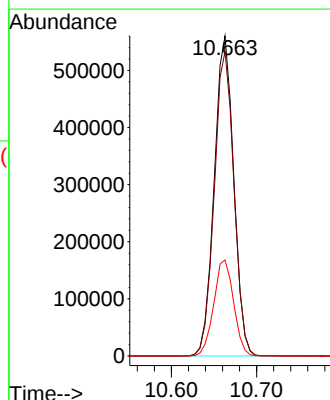
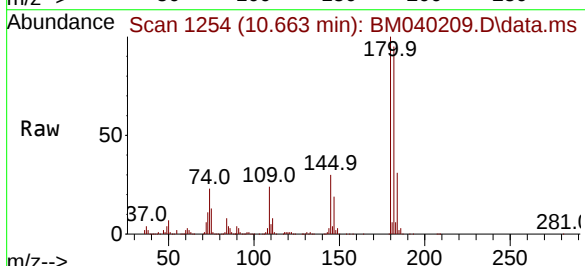
Tgt Ion:180 Resp: 889559

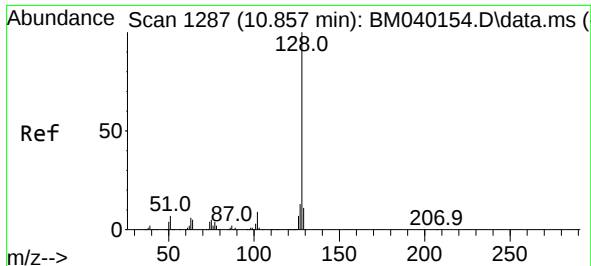
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 30.0 25.5 38.3

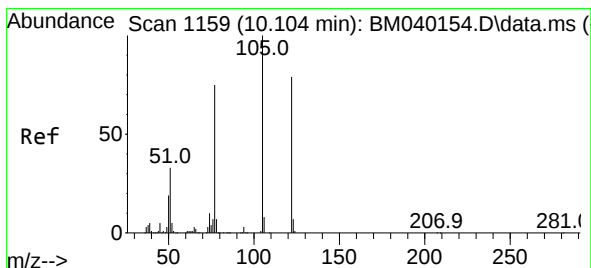
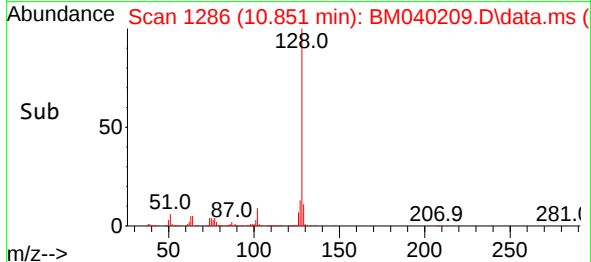
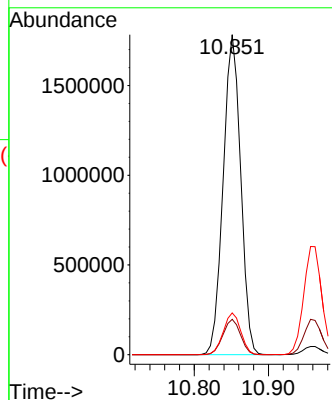
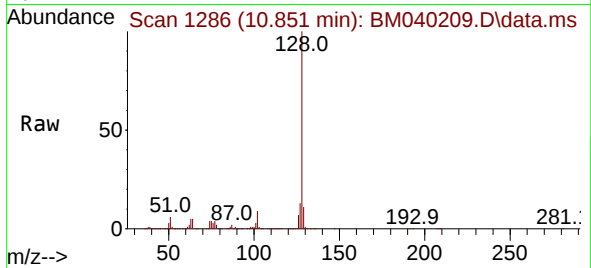




#31  
Naphthalene  
Concen: 39.568 ng  
RT: 10.851 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

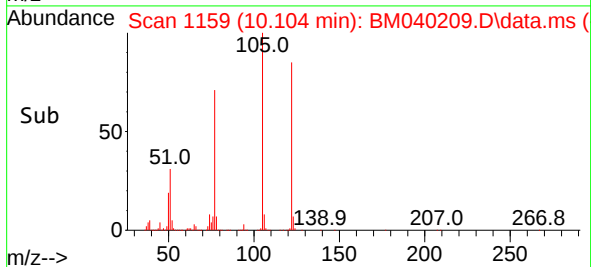
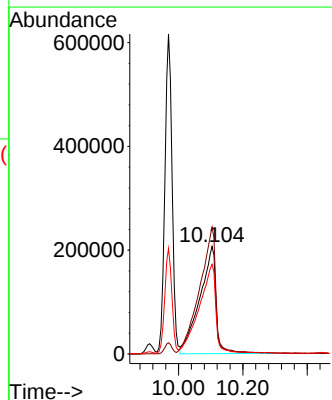
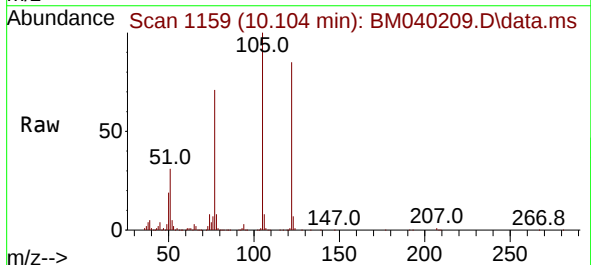
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

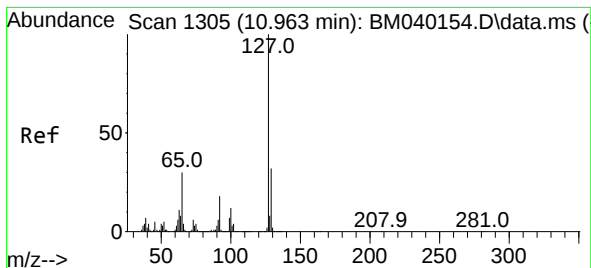
Tgt Ion:128 Resp: 2921116  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 45.165 ng  
RT: 10.104 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:122 Resp: 726953  
Ion Ratio Lower Upper  
122 100  
105 118.1 102.7 142.7  
77 83.4 73.9 113.9





#33

4-Chloroaniline

Concen: 31.322 ng

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

Tgt Ion:127 Resp: 1029858

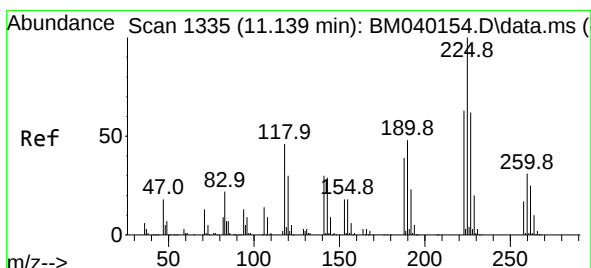
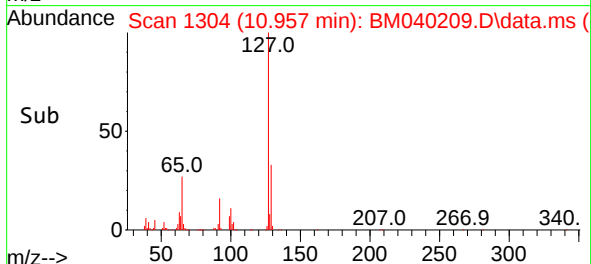
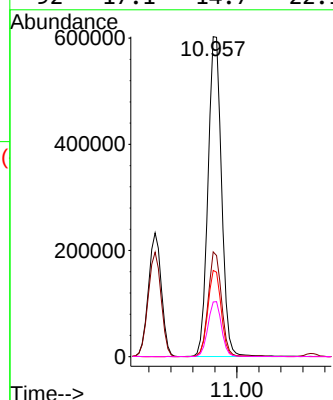
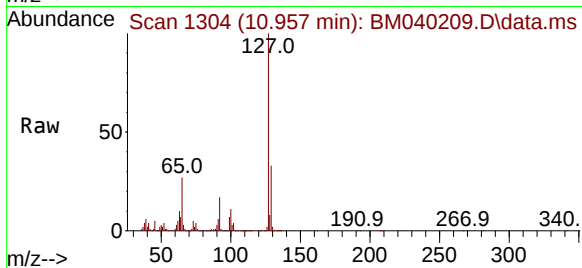
Ion Ratio Lower Upper

127 100

129 32.8 25.5 38.3

65 27.0 23.7 35.5

92 17.1 14.7 22.1



#34

Hexachlorobutadiene

Concen: 44.654 ng

RT: 11.133 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

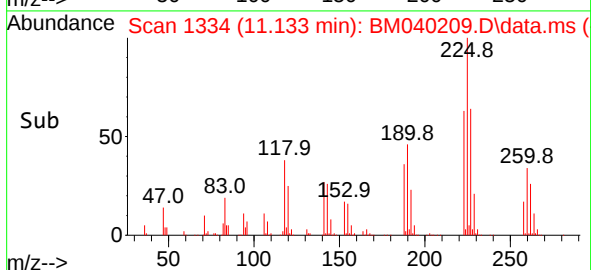
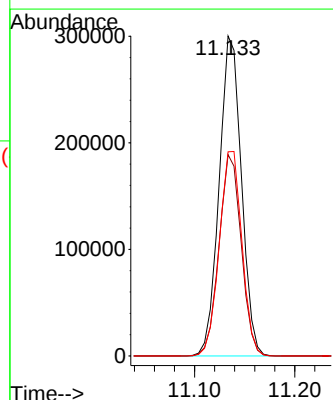
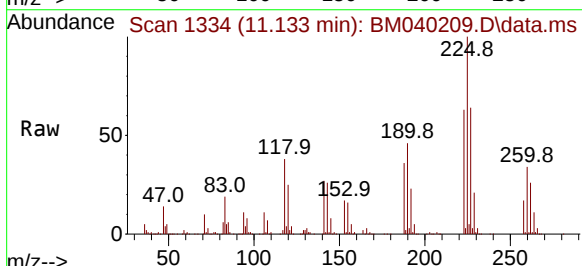
Tgt Ion:225 Resp: 461143

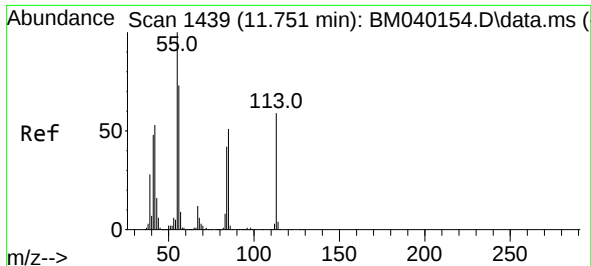
Ion Ratio Lower Upper

225 100

223 62.9 50.4 75.6

227 63.8 49.6 74.4

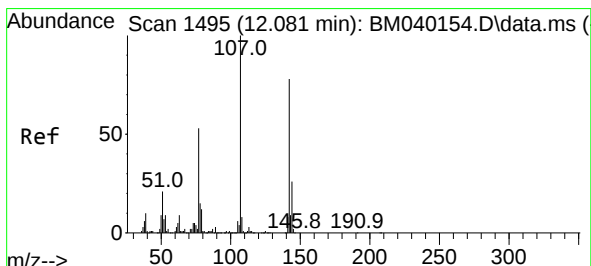
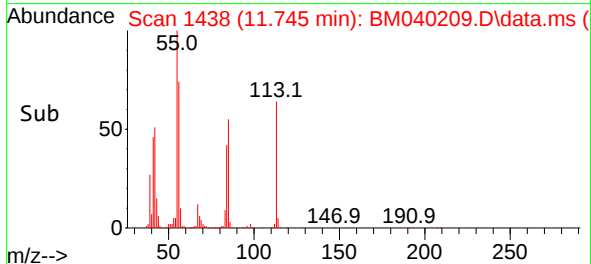
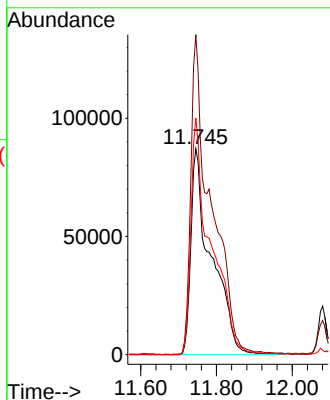
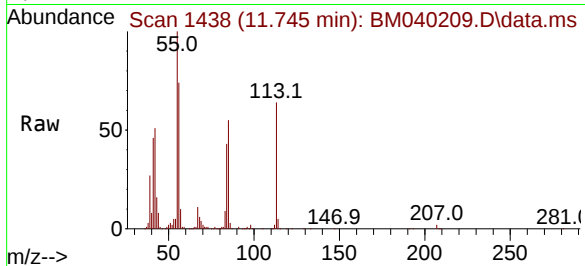




#35  
Caprolactam  
Concen: 48.557 ng  
RT: 11.745 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

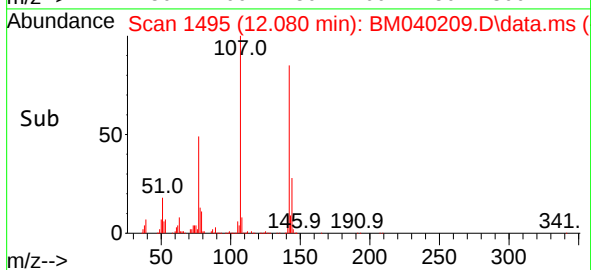
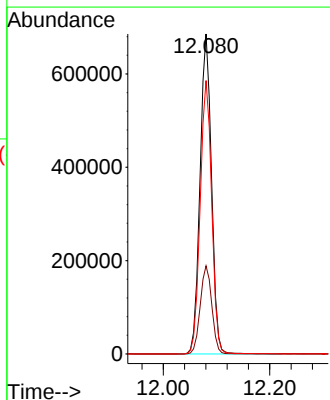
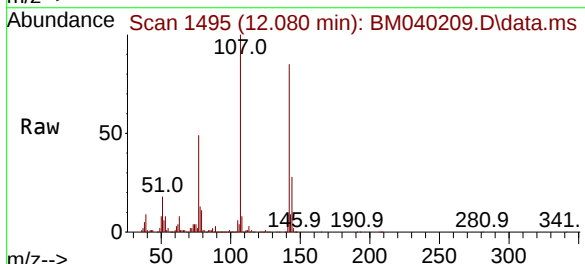
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

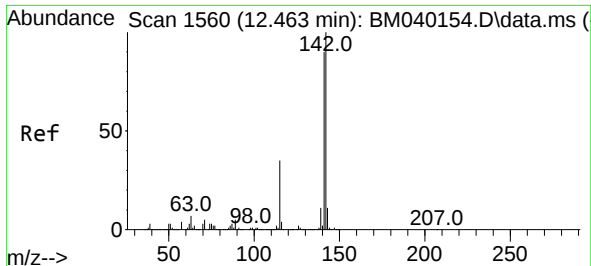
Tgt Ion:113 Resp: 324097  
Ion Ratio Lower Upper  
113 100  
55 155.4 149.3 189.3  
56 115.0 104.3 144.3



#36  
4-Chloro-3-methylphenol  
Concen: 45.363 ng  
RT: 12.080 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:107 Resp: 1023836  
Ion Ratio Lower Upper  
107 100  
144 27.5 20.5 30.7  
142 85.5 62.7 94.1

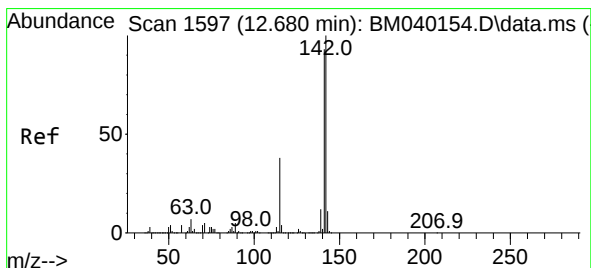
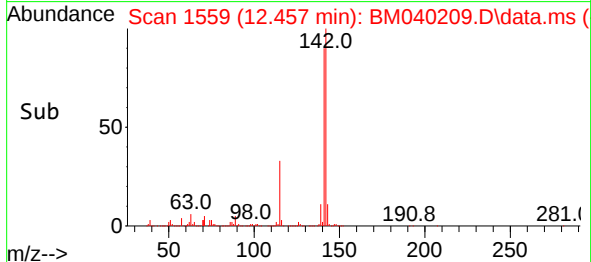
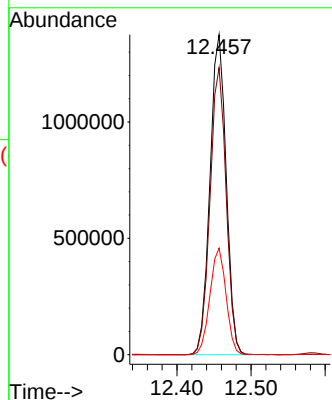
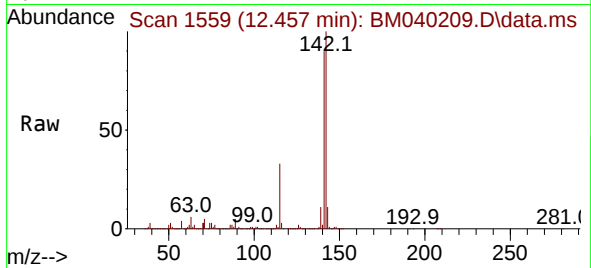




#37  
2-Methylnaphthalene  
Concen: 40.855 ng  
RT: 12.457 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

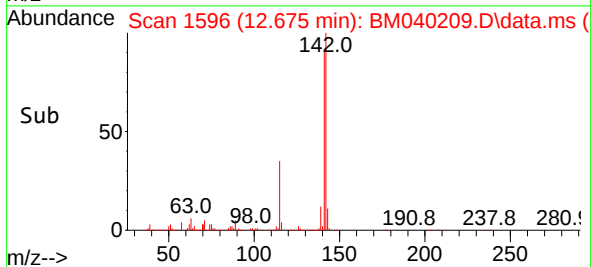
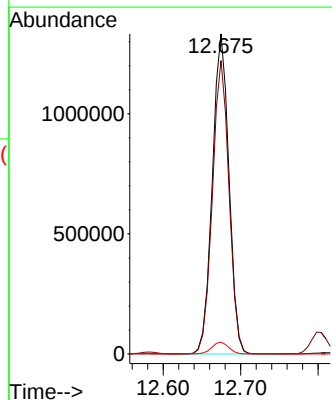
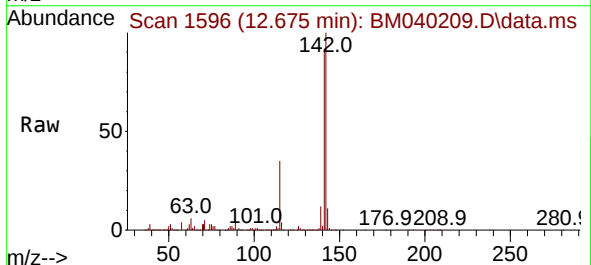
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

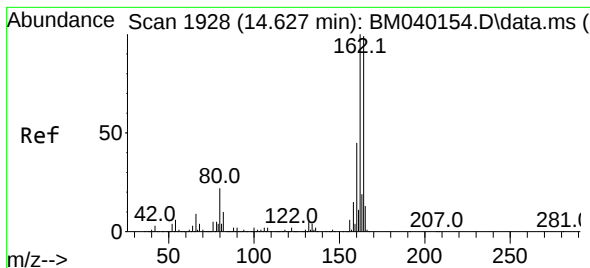
Tgt Ion:142 Resp: 2085676  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.8 107.6  
115 33.3 28.2 42.4



#38  
1-Methylnaphthalene  
Concen: 41.147 ng  
RT: 12.675 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:142 Resp: 1980939  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.2 111.2  
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

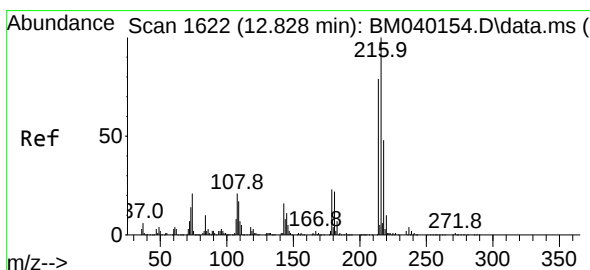
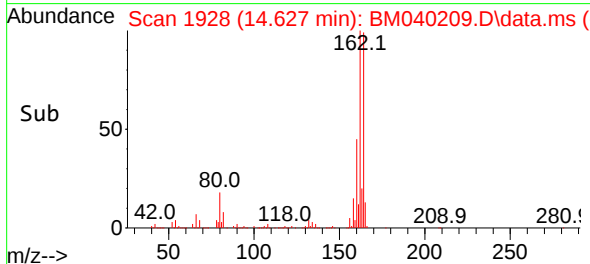
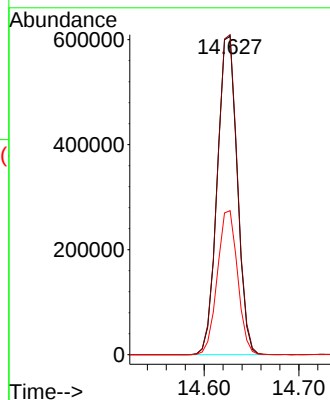
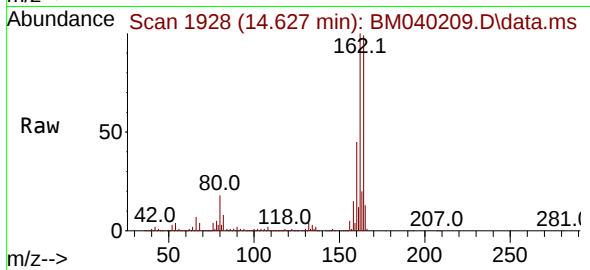
Tgt Ion:164 Resp: 889016

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.931 ng

RT: 12.822 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Tgt Ion:216 Resp: 1011825

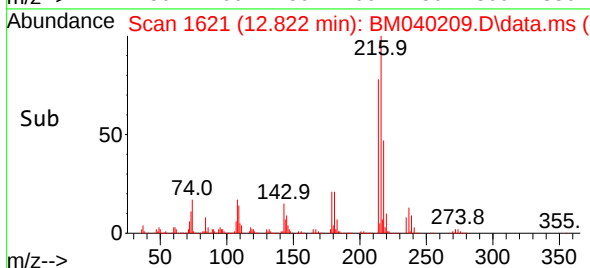
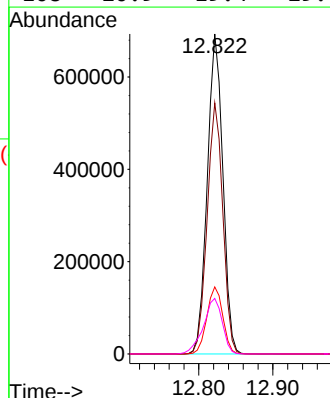
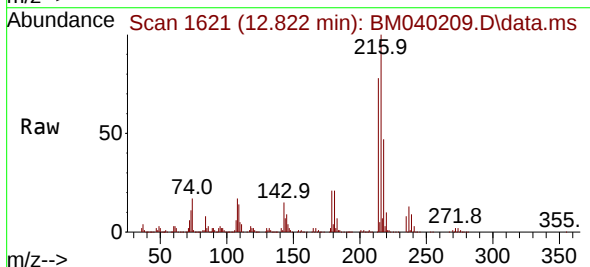
Ion Ratio Lower Upper

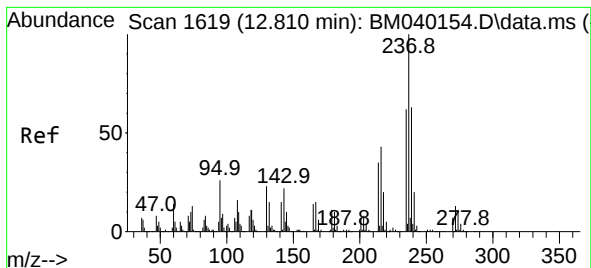
216 100

214 78.8 63.5 95.3

179 21.5 18.3 27.5

108 20.9 19.4 29.0

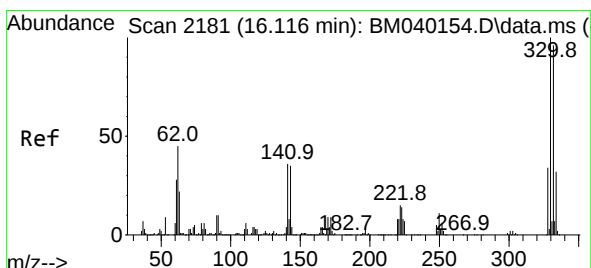
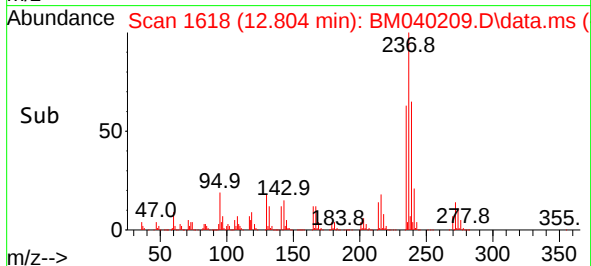
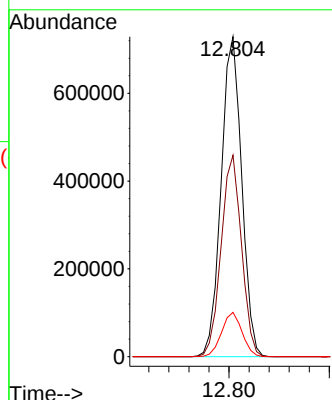
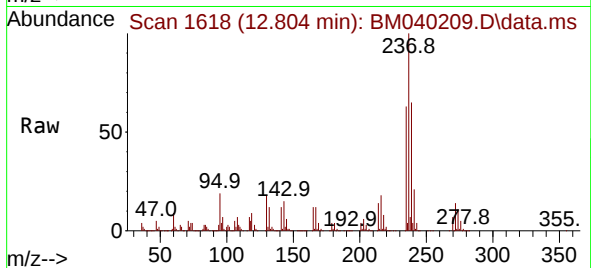




#41  
Hexachlorocyclopentadiene  
Concen: 84.120 ng  
RT: 12.804 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

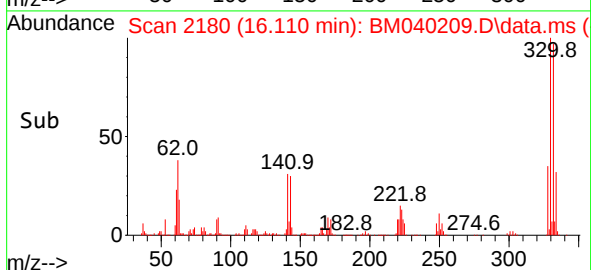
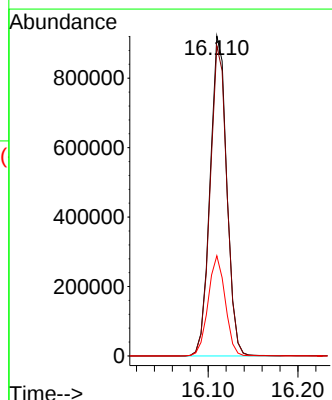
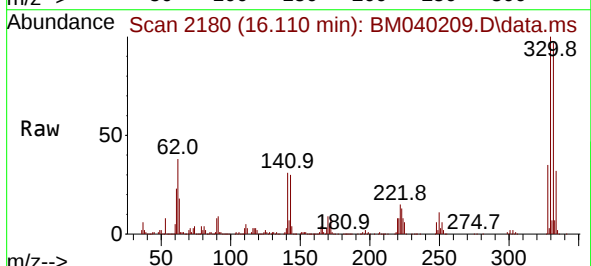
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

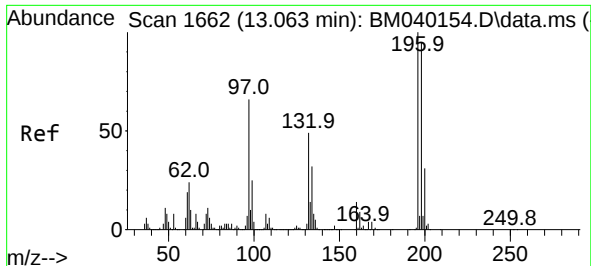
Tgt Ion:237 Resp: 1033824  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.5 81.5  
272 13.8 0.0 33.3



#42  
2,4,6-Tribromophenol  
Concen: 88.991 ng  
RT: 16.110 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:330 Resp: 1190323  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 32.0 31.6 47.4

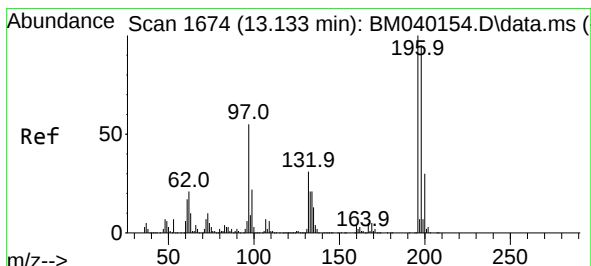
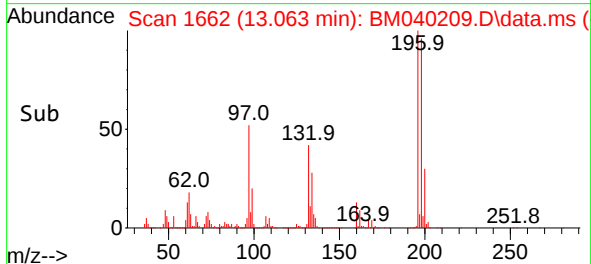
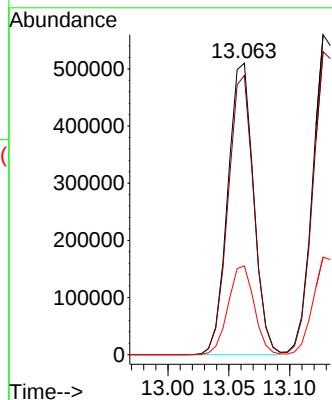
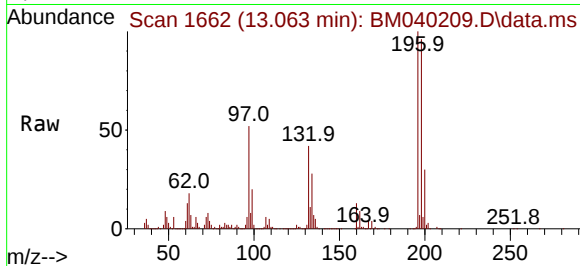




#43  
2,4,6-Trichlorophenol  
Concen: 46.678 ng  
RT: 13.063 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

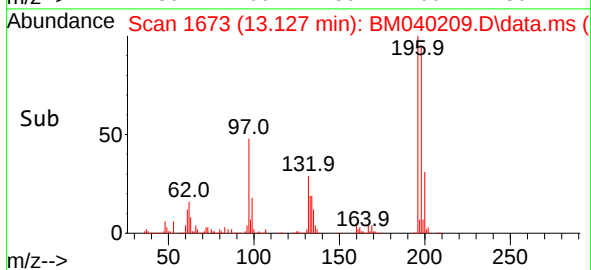
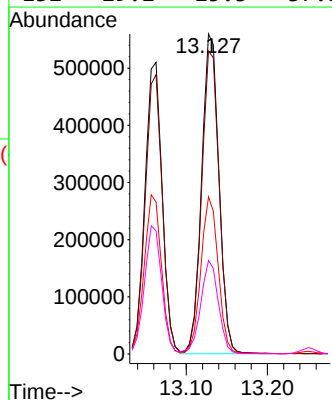
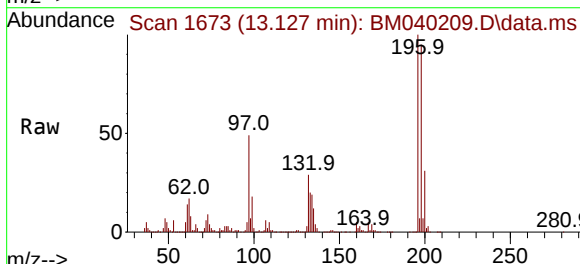
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BM5D

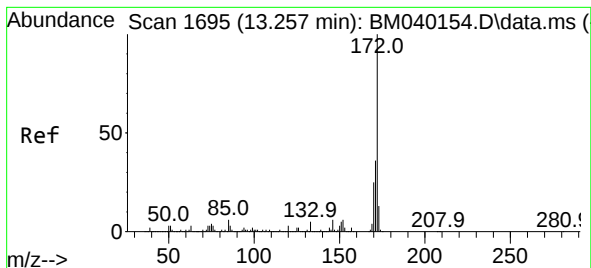
Tgt Ion:196 Resp: 754595  
Ion Ratio Lower Upper  
196 100  
198 95.8 76.4 114.6  
200 30.4 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 42.735 ng  
RT: 13.127 min Scan# 1673  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:196 Resp: 833917  
Ion Ratio Lower Upper  
196 100  
198 94.7 76.3 114.5  
97 49.1 44.2 66.2  
132 29.2 25.3 37.9

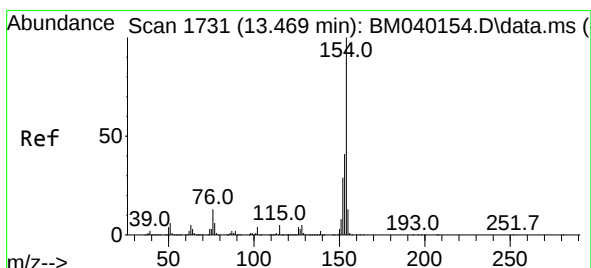
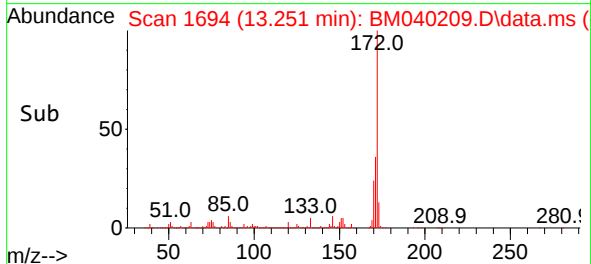
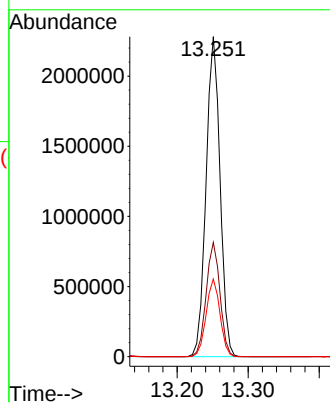
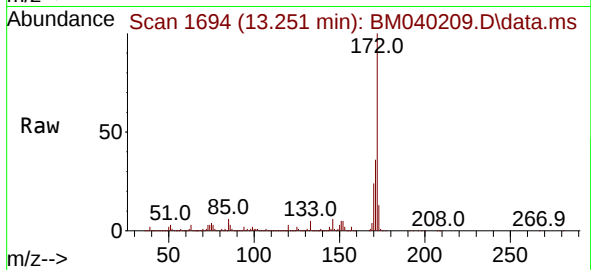




#45  
2-Fluorobiphenyl  
Concen: 46.466 ng  
RT: 13.251 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

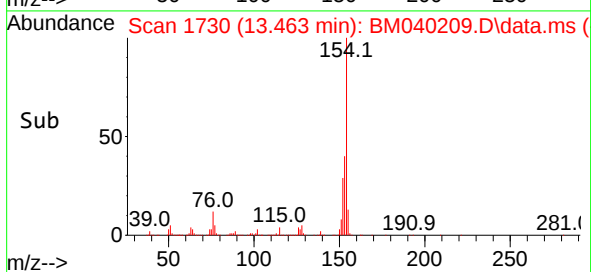
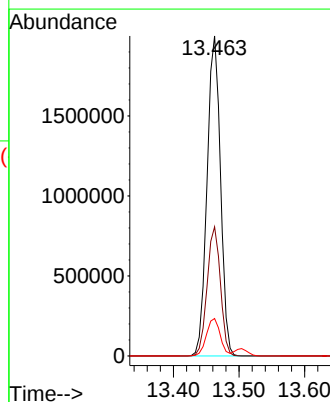
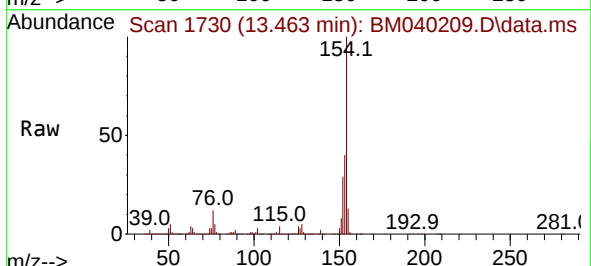
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

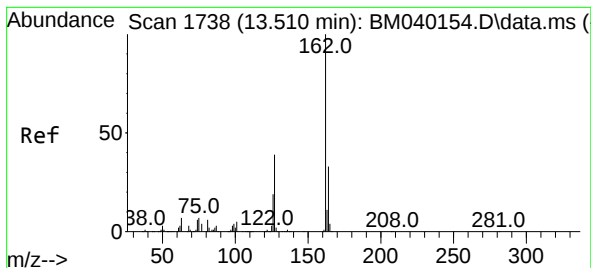
Tgt Ion:172 Resp: 3125386  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 24.2 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 39.925 ng  
RT: 13.463 min Scan# 1730  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:154 Resp: 2846069  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.6 60.6  
76 11.7 0.0 32.7





#47

2-Chloronaphthalene

Concen: 41.340 ng

RT: 13.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

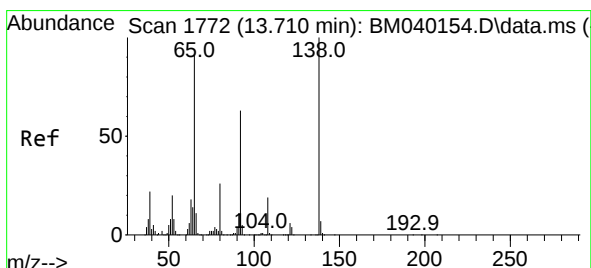
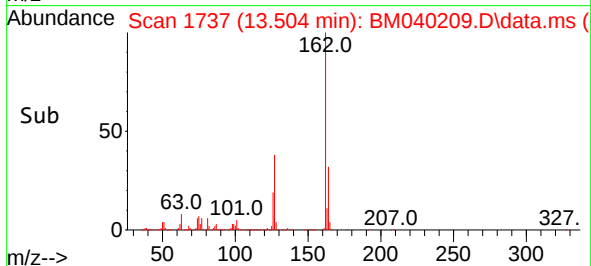
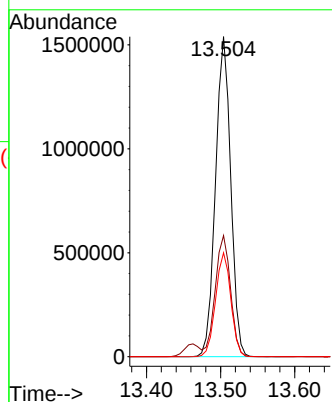
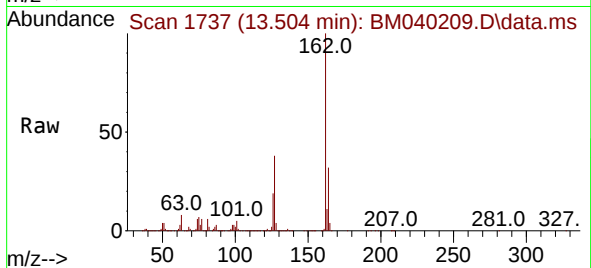
Tgt Ion:162 Resp: 2189222

Ion Ratio Lower Upper

162 100

127 37.9 32.4 48.6

164 32.4 26.3 39.5



#48

2-Nitroaniline

Concen: 39.130 ng

RT: 13.710 min Scan# 1772

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

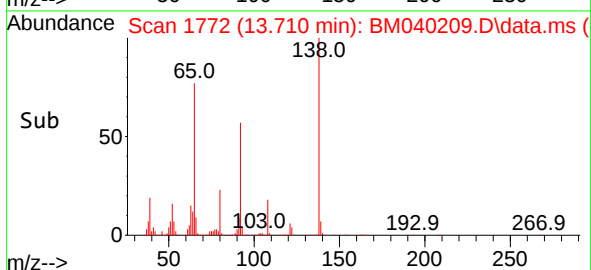
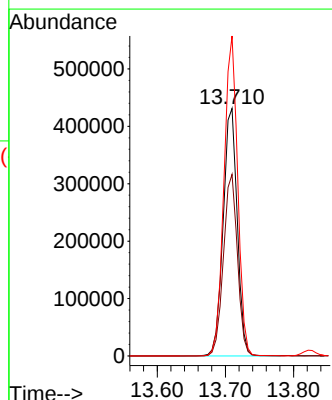
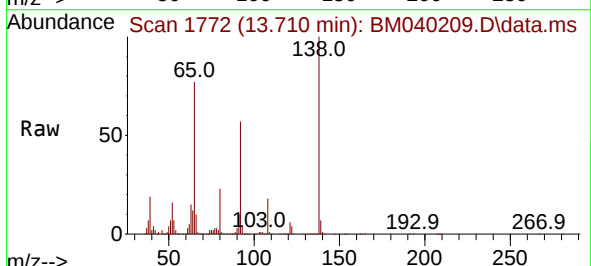
Tgt Ion: 65 Resp: 621316

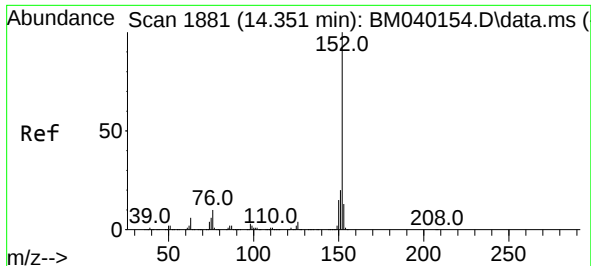
Ion Ratio Lower Upper

65 100

92 73.4 56.0 84.0

138 129.3 88.2 132.4

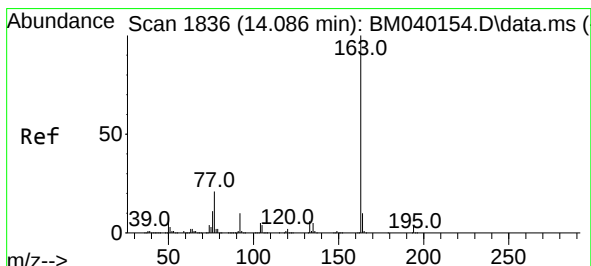
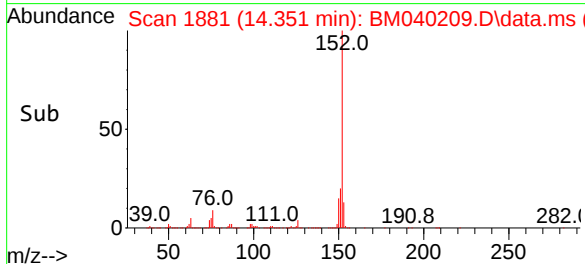
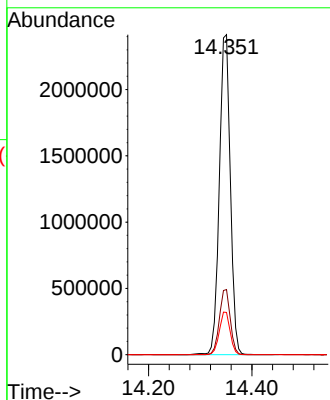
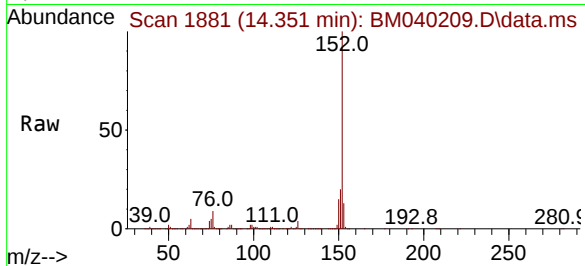




#49  
Acenaphthylene  
Concen: 40.480 ng  
RT: 14.351 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

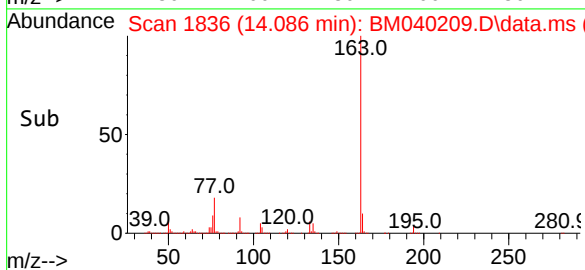
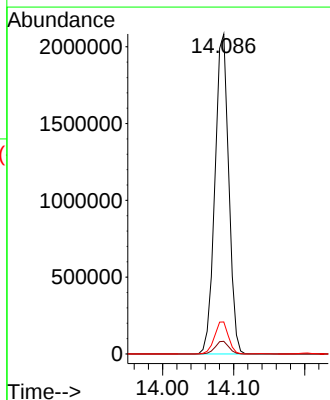
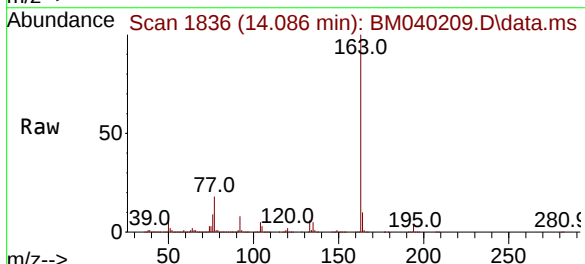
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

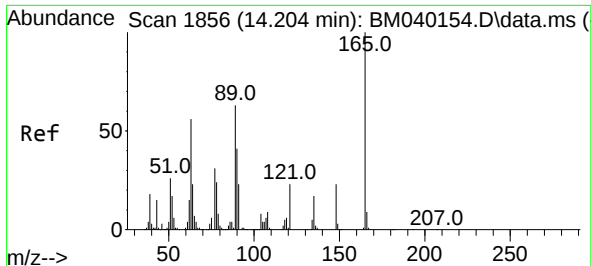
Tgt Ion:152 Resp: 3554175  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 40.399 ng  
RT: 14.086 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:163 Resp: 2801271  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.9 4.3  
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.436 ng

RT: 14.204 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

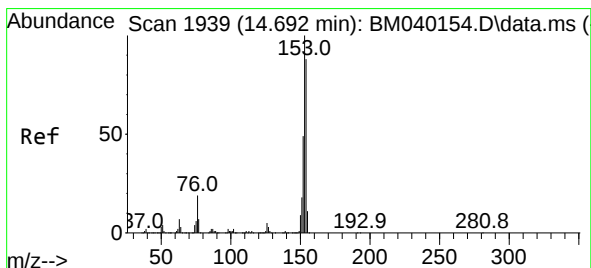
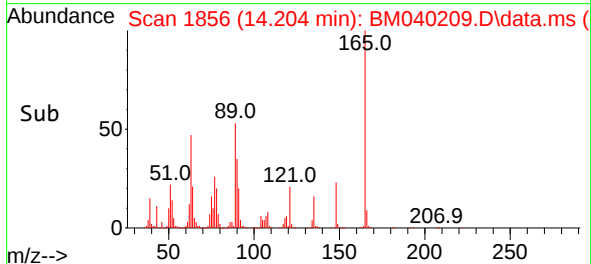
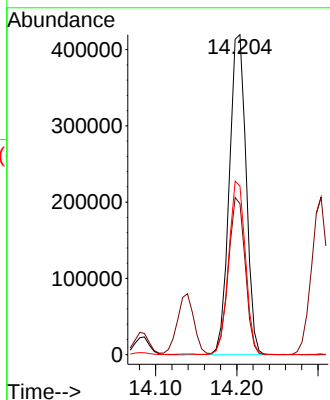
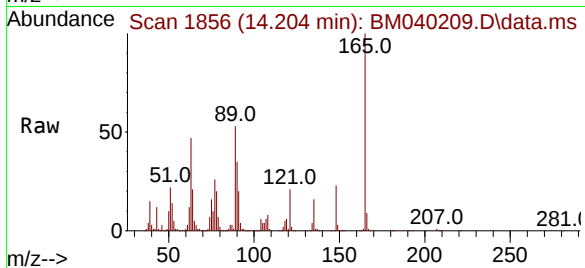
Tgt Ion:165 Resp: 603629

Ion Ratio Lower Upper

165 100

63 47.2 47.3 70.9#

89 52.7 50.8 76.2



#52

Acenaphthene

Concen: 39.635 ng

RT: 14.692 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

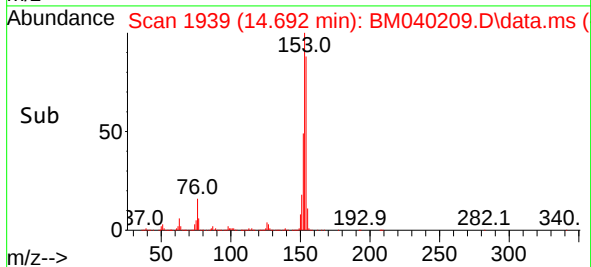
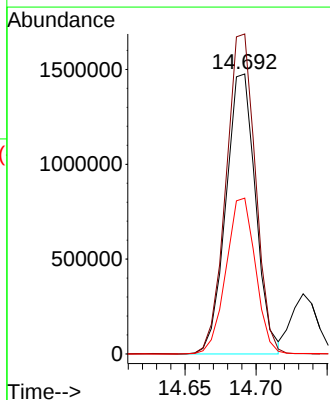
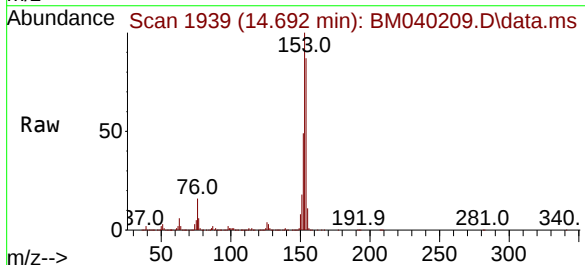
Tgt Ion:154 Resp: 2146388

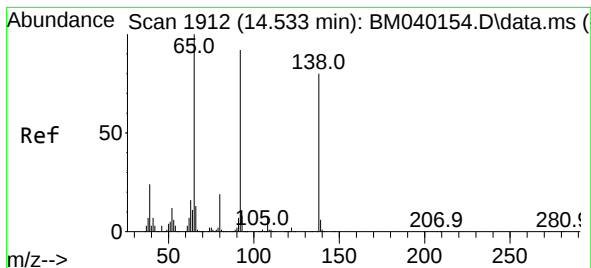
Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

152 55.7 45.0 67.6

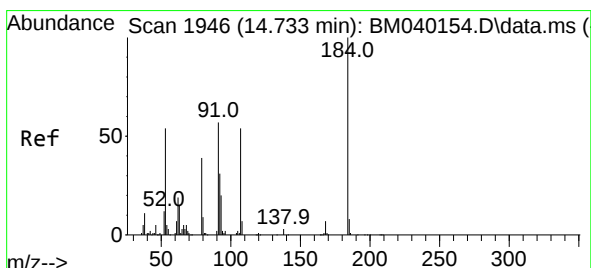
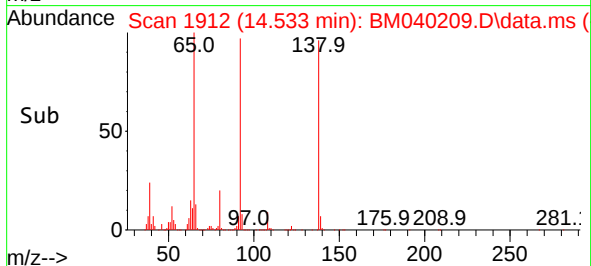
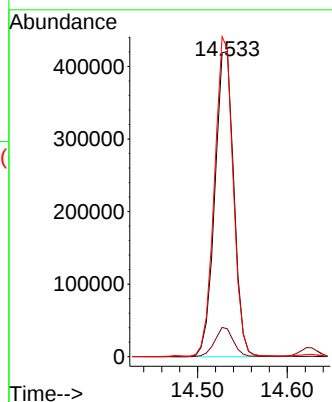
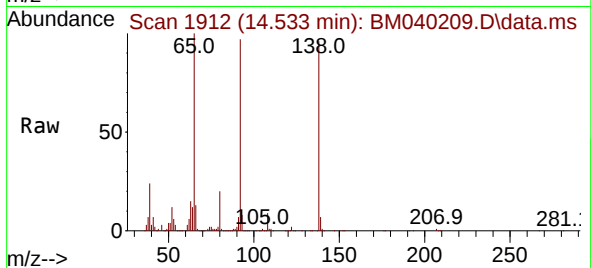




#53  
3-Nitroaniline  
Concen: 35.677 ng  
RT: 14.533 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

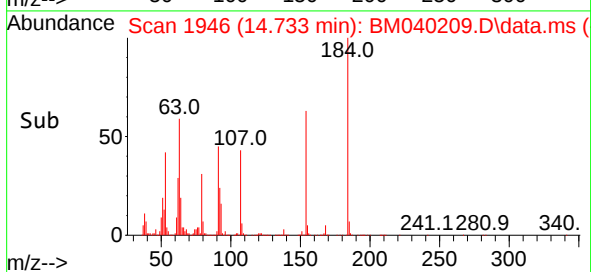
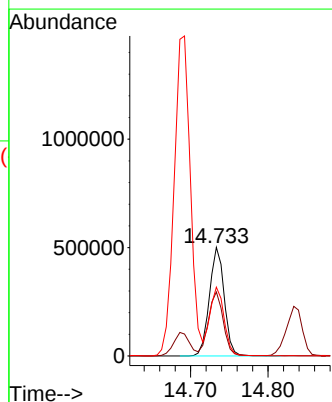
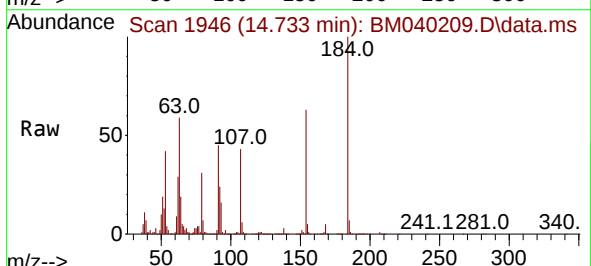
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

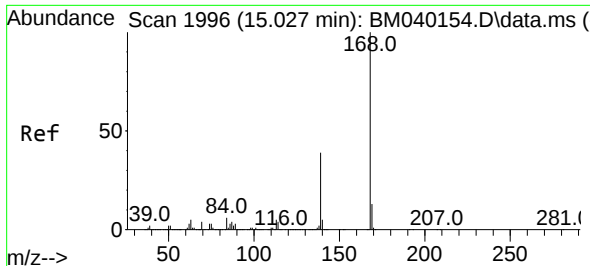
Tgt Ion:138 Resp: 618572  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.8 11.6  
92 100.9 91.6 137.4



#54  
2,4-Dinitrophenol  
Concen: 75.920 ng  
RT: 14.733 min Scan# 1946  
Delta R.T. 0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:184 Resp: 667801  
Ion Ratio Lower Upper  
184 100  
63 58.9 62.8 94.2#  
154 63.3 55.9 83.9

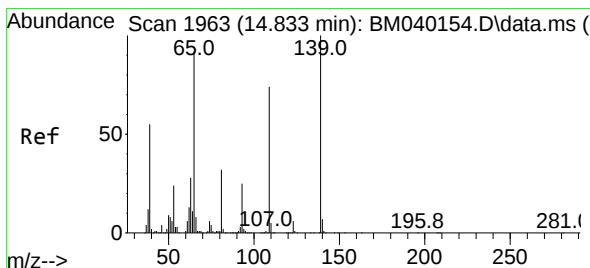
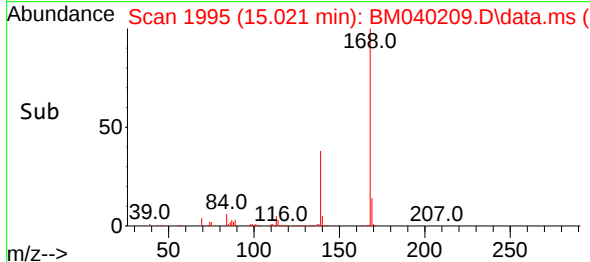
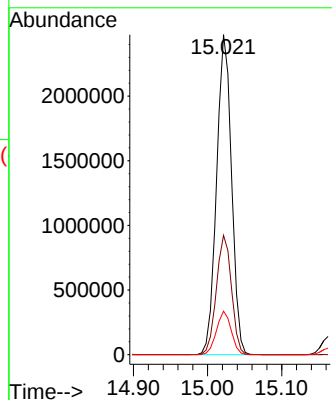
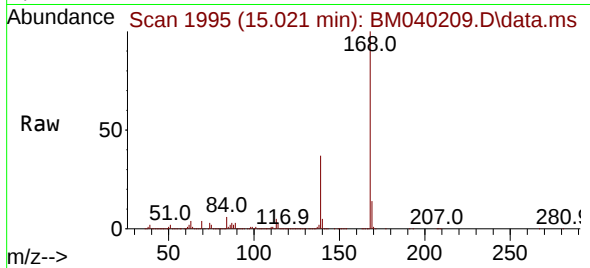




#55  
Dibenzenofuran  
Concen: 40.909 ng  
RT: 15.021 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

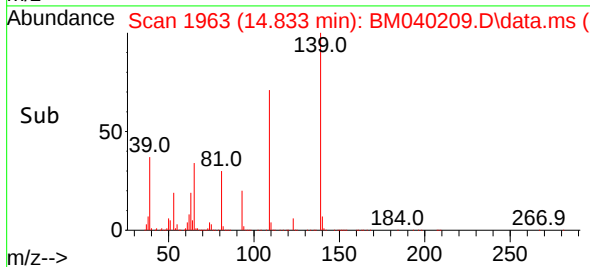
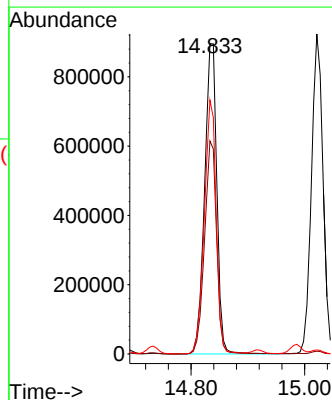
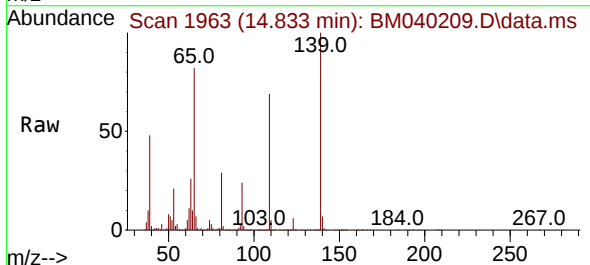
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

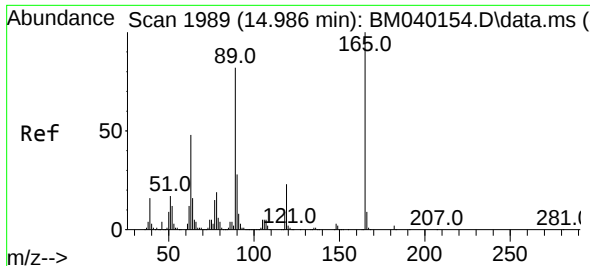
Tgt Ion:168 Resp: 3465566  
Ion Ratio Lower Upper  
168 100  
139 37.3 31.4 47.2  
169 13.6 10.6 15.8



#56  
4-Nitrophenol  
Concen: 95.289 ng  
RT: 14.833 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:139 Resp: 1338128  
Ion Ratio Lower Upper  
139 100  
109 68.7 54.4 94.4  
65 81.8 71.9 111.9

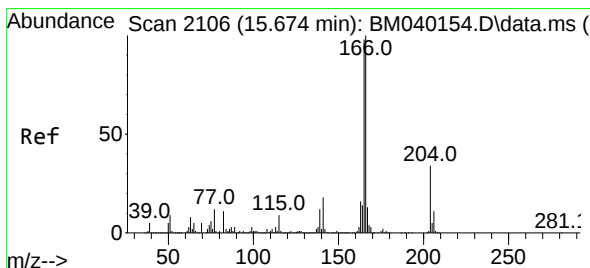
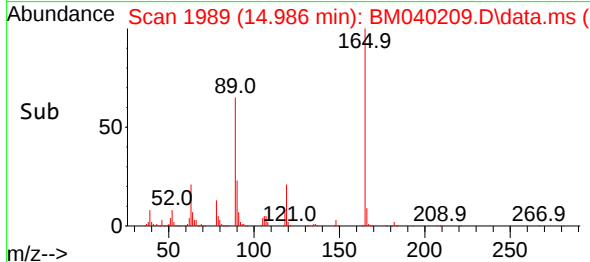
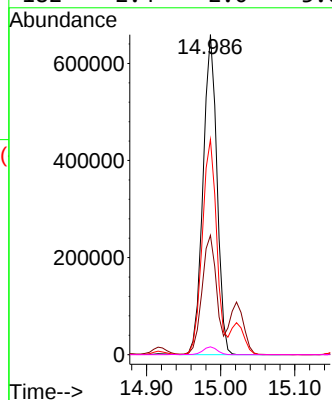
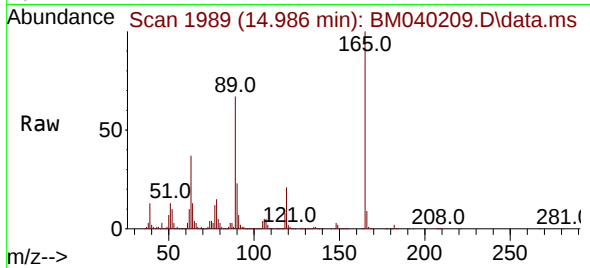




#57  
2,4-Dinitrotoluene  
Concen: 46.488 ng  
RT: 14.986 min Scan# 1989  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

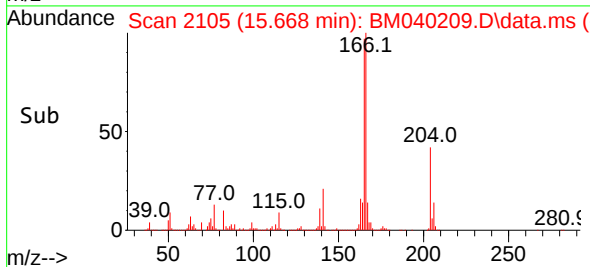
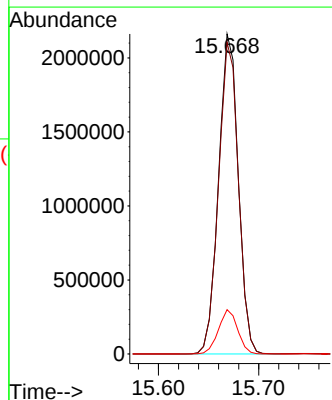
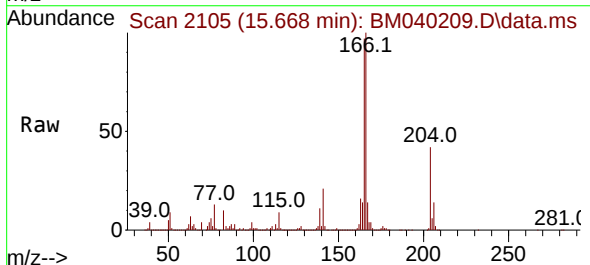
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

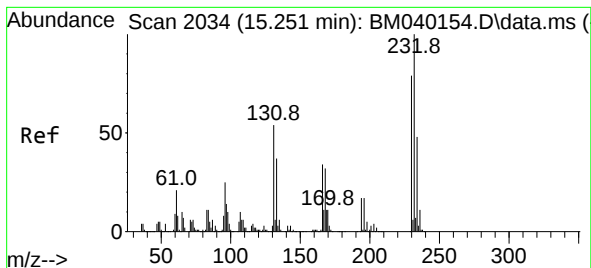
Tgt Ion:165 Resp: 862173  
Ion Ratio Lower Upper  
165 100  
63 37.3 38.3 57.5#  
89 67.2 66.0 99.0  
182 2.4 2.0 3.0



#58  
Fluorene  
Concen: 41.542 ng  
RT: 15.668 min Scan# 2105  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:166 Resp: 2945731  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.6 117.8  
167 13.9 10.7 16.1

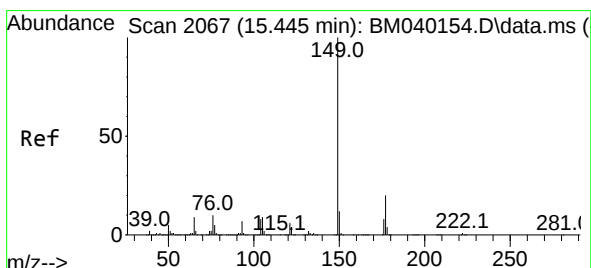
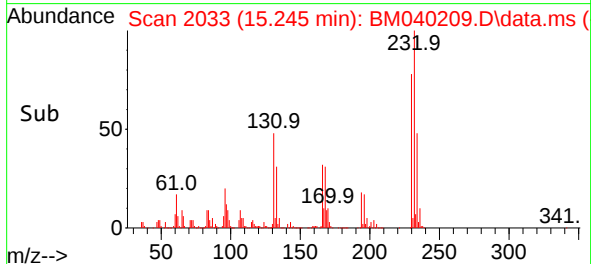
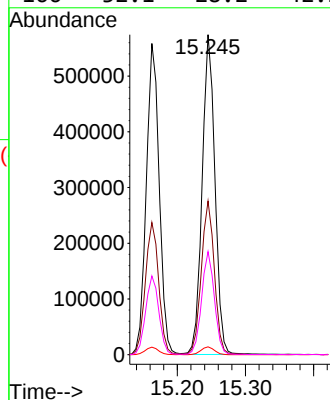
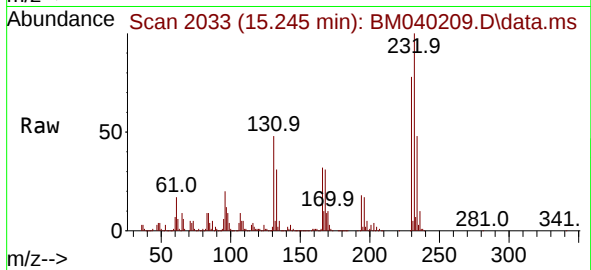




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.142 ng  
RT: 15.245 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

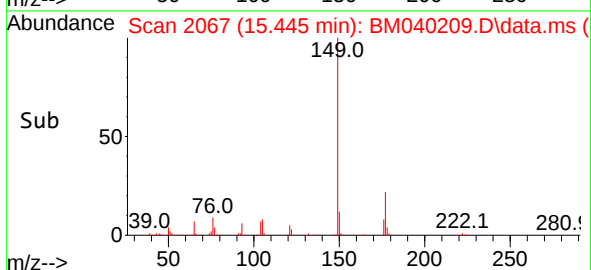
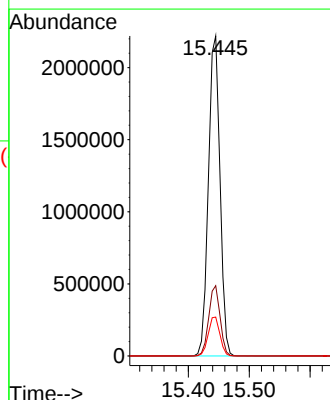
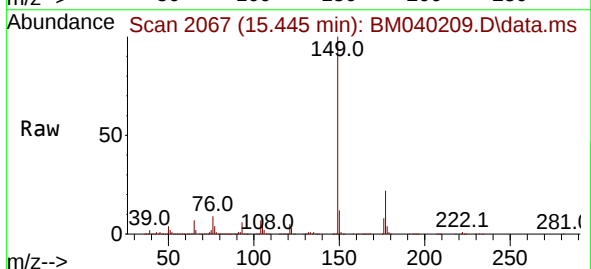
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

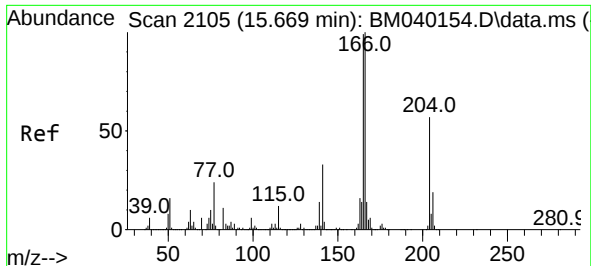
Tgt Ion:232 Resp: 749809  
Ion Ratio Lower Upper  
232 100  
131 48.8 46.7 70.1  
130 2.6 2.5 3.7  
166 32.1 28.2 42.2



#60  
Diethylphthalate  
Concen: 41.644 ng  
RT: 15.445 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:149 Resp: 2929777  
Ion Ratio Lower Upper  
149 100  
177 21.9 16.2 24.2  
150 12.1 9.9 14.9

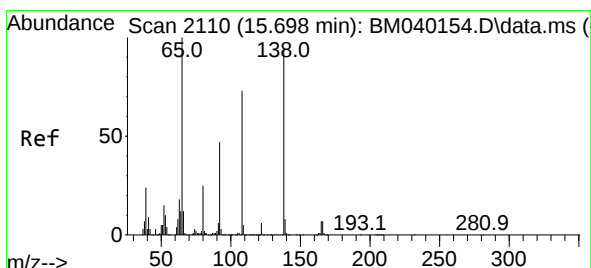
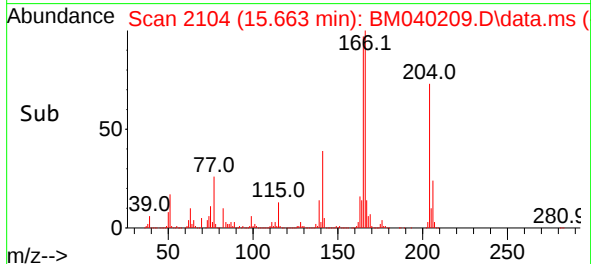
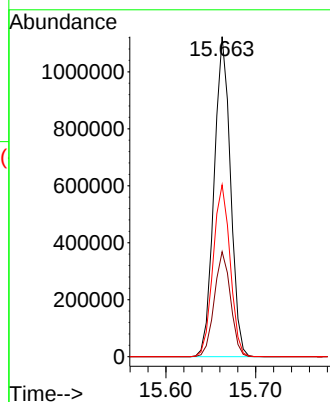
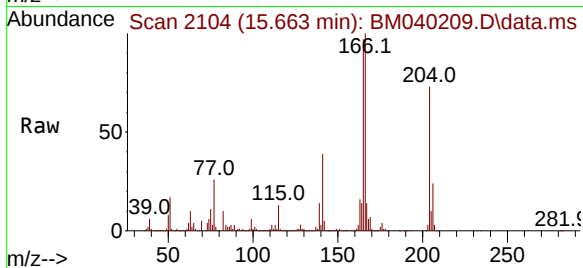




#61  
4-Chlorophenyl-phenylether  
Concen: 42.945 ng  
RT: 15.663 min Scan# 2105  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

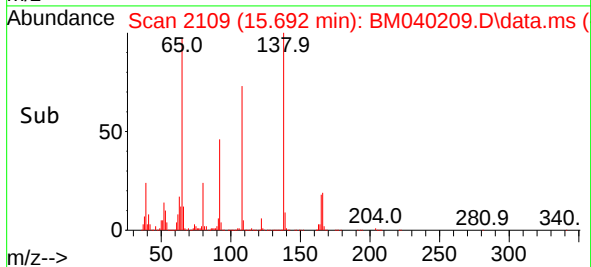
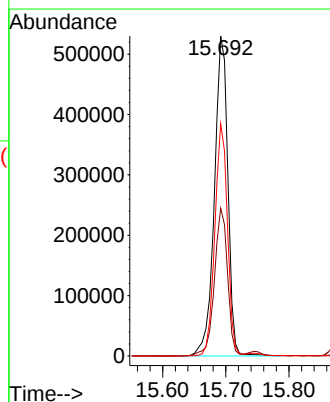
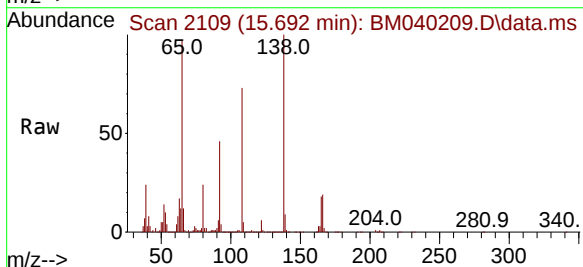
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

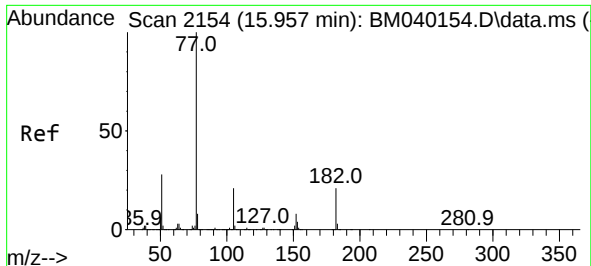
Tgt Ion:204 Resp: 1423390  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.4  
141 53.7 45.9 68.9



#62  
4-Nitroaniline  
Concen: 42.579 ng  
RT: 15.692 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:138 Resp: 786427  
Ion Ratio Lower Upper  
138 100  
92 46.2 30.1 70.1  
108 72.6 57.8 97.8

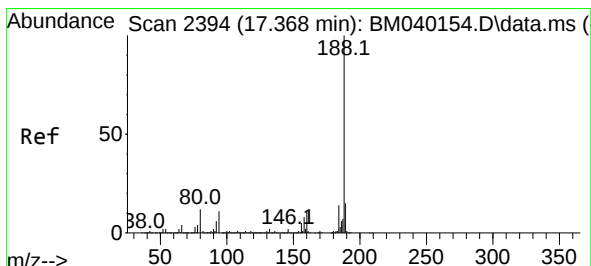
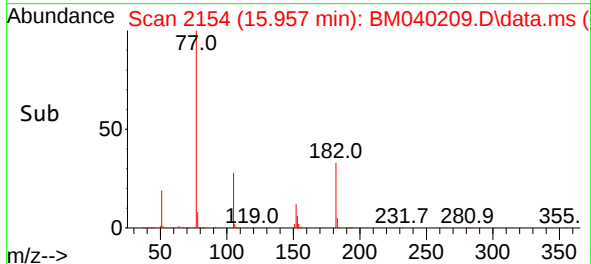
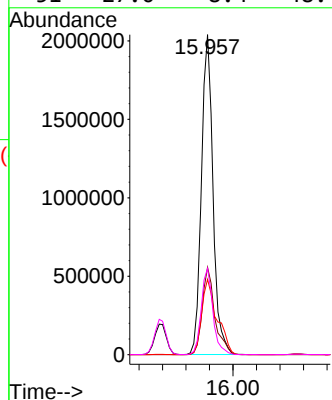
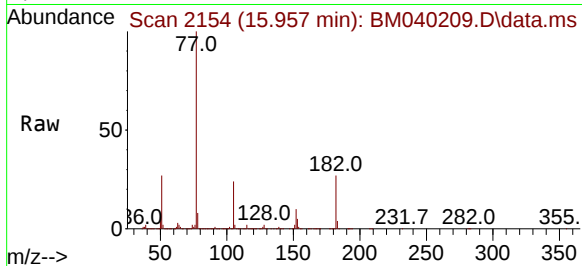




#63  
Azobenzene  
Concen: 40.720 ng  
RT: 15.957 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

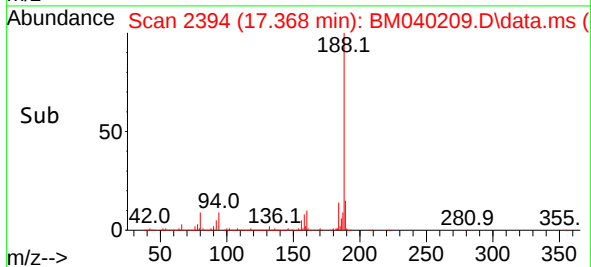
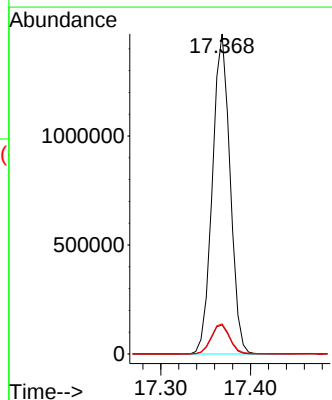
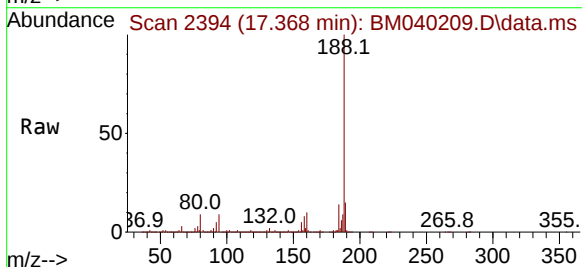
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

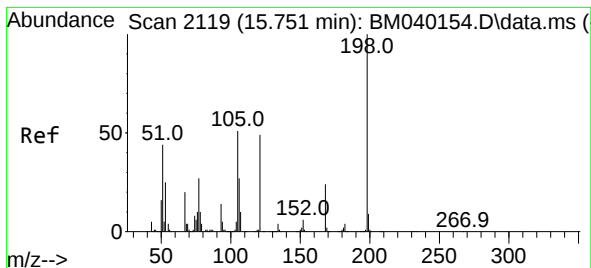
Tgt Ion: 77 Resp: 2785359  
Ion Ratio Lower Upper  
77 100  
182 27.3 1.1 41.1  
105 23.5 1.1 41.1  
51 27.0 8.4 48.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.368 min Scan# 2394  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:188 Resp: 2008197  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.9 13.3  
80 9.4 9.6 14.4#

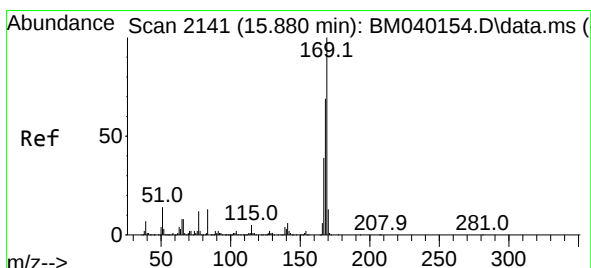
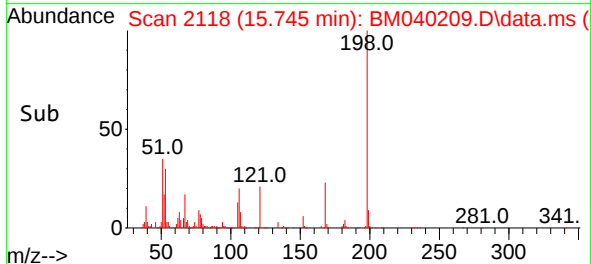
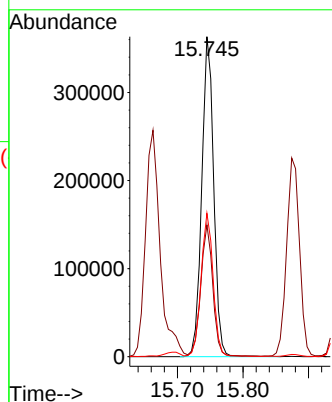
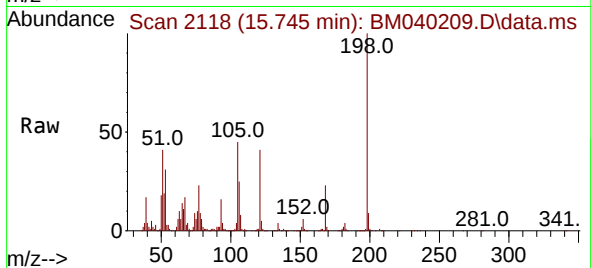




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.920 ng  
RT: 15.745 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

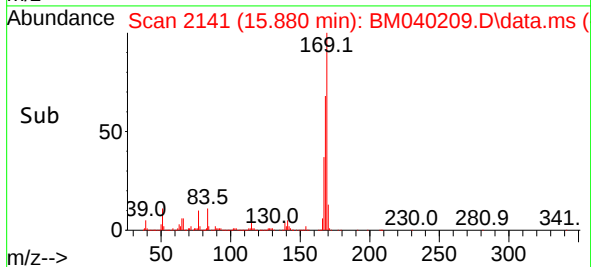
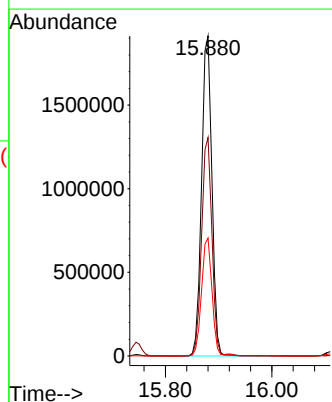
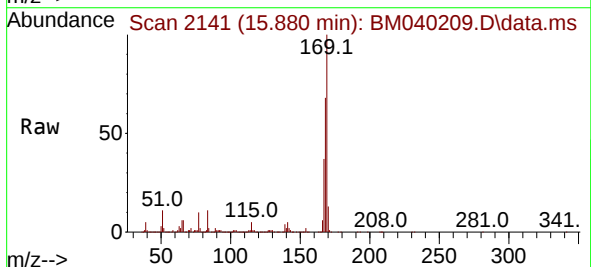
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

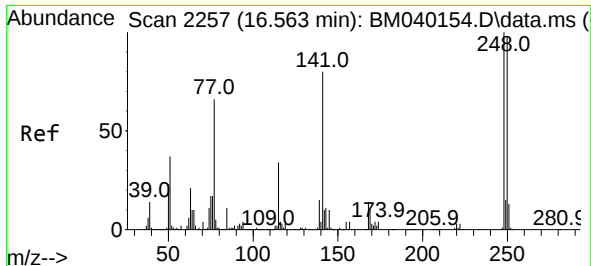
Tgt Ion:198 Resp: 460926  
Ion Ratio Lower Upper  
198 100  
51 41.2 30.6 70.6  
105 44.8 32.5 72.5



#66  
n-Nitrosodiphenylamine  
Concen: 38.990 ng  
RT: 15.880 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:169 Resp: 2564566  
Ion Ratio Lower Upper  
169 100  
168 68.2 55.6 83.4  
167 36.8 31.3 46.9

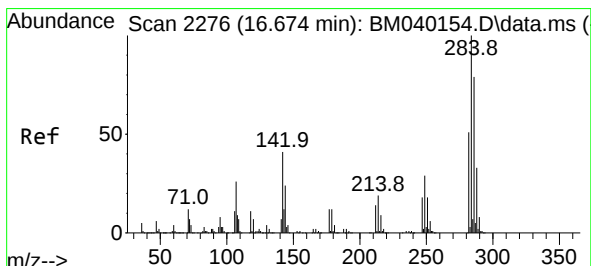
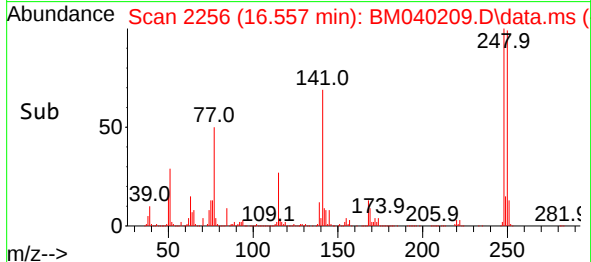
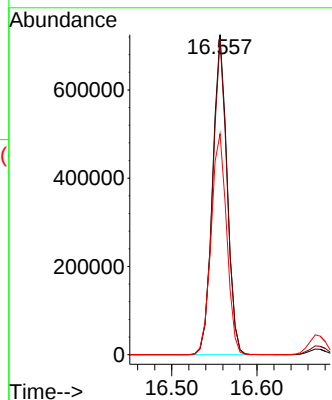
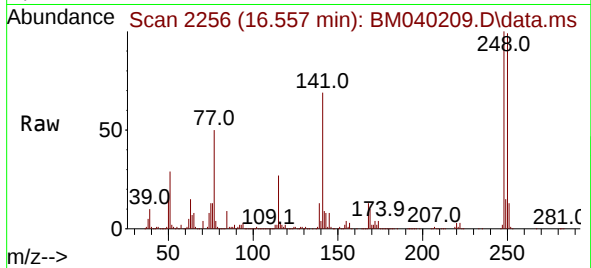




#67  
4-Bromophenyl-phenylether  
Concen: 42.452 ng  
RT: 16.557 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

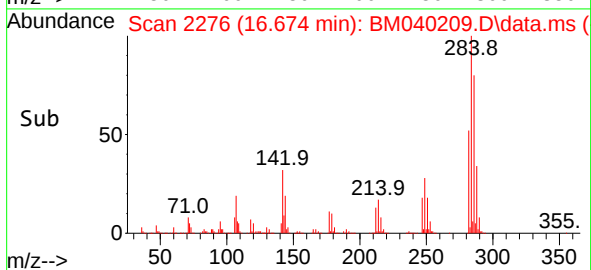
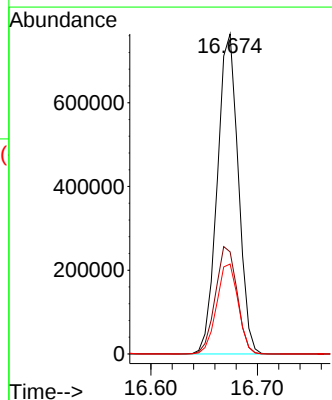
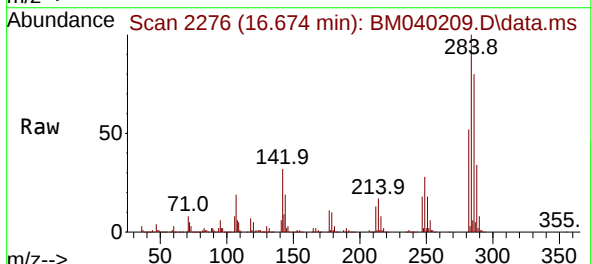
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

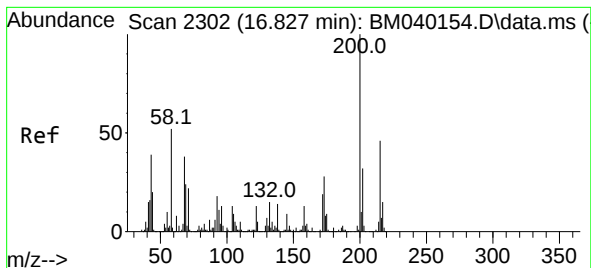
Tgt Ion:248 Resp: 856220  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.1 117.1  
141 69.0 64.3 96.5



#68  
Hexachlorobenzene  
Concen: 45.151 ng  
RT: 16.674 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:284 Resp: 1044428  
Ion Ratio Lower Upper  
284 100  
142 31.9 32.7 49.1#  
249 28.1 23.3 34.9





#69

Atrazine

Concen: 49.077 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

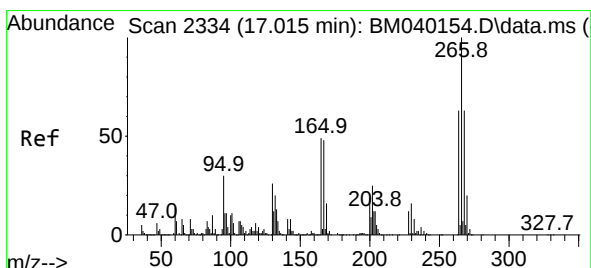
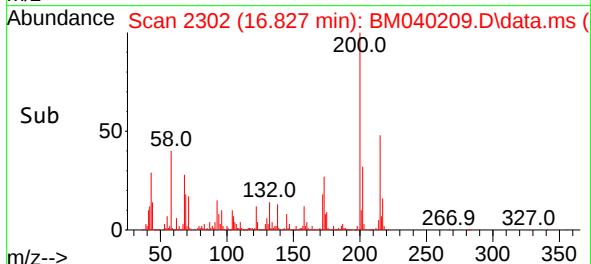
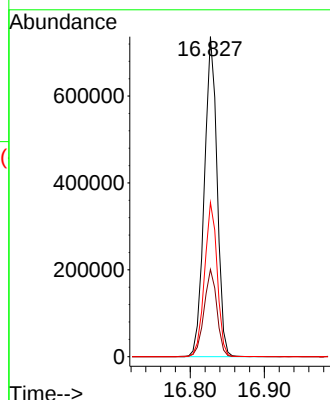
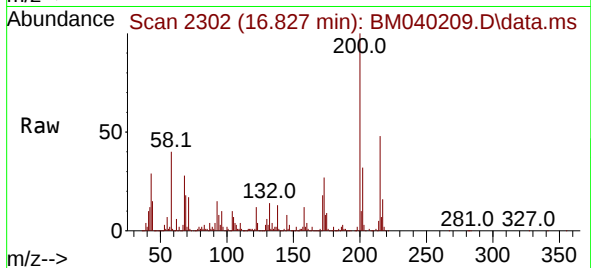
Tgt Ion:200 Resp: 882215

Ion Ratio Lower Upper

200 100

173 27.3 8.1 48.1

215 48.2 25.7 65.7



#70

Pentachlorophenol

Concen: 85.022 ng

RT: 17.015 min Scan# 2334

Delta R.T. 0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

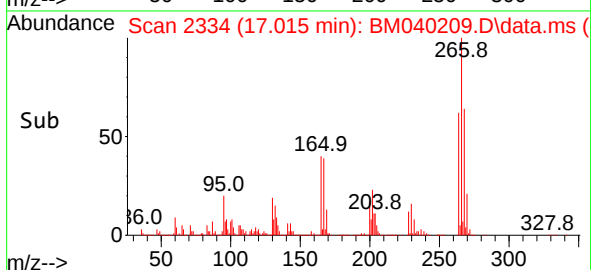
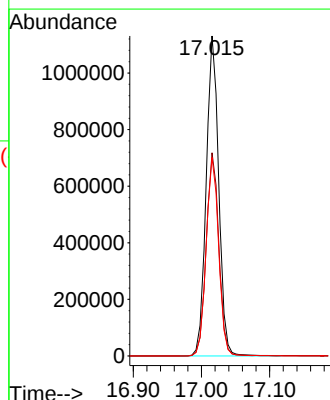
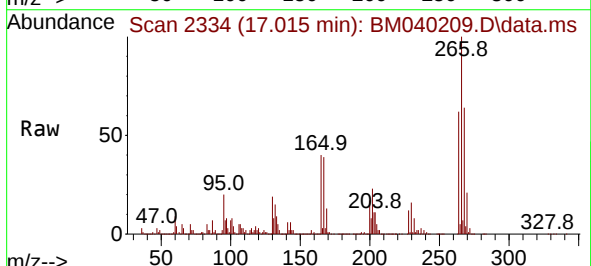
Tgt Ion:266 Resp: 1443703

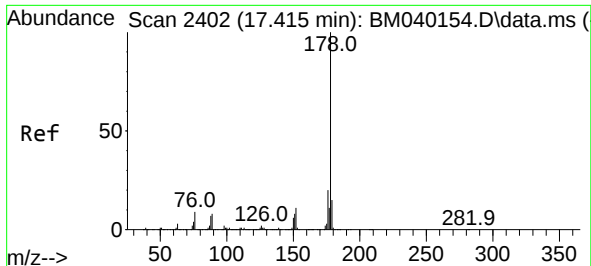
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.1 50.1 75.1

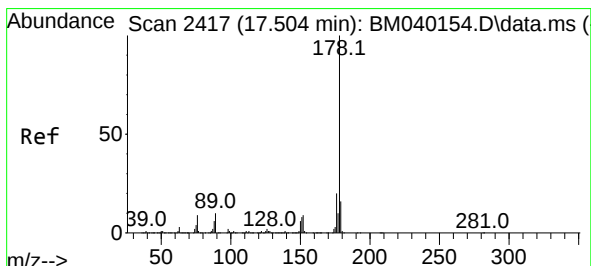
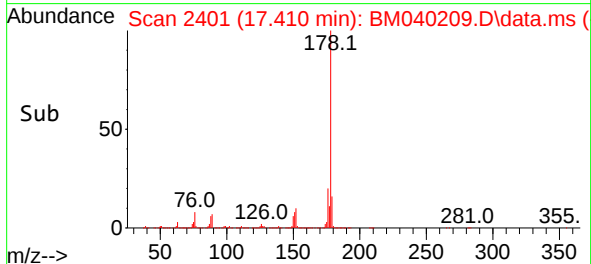
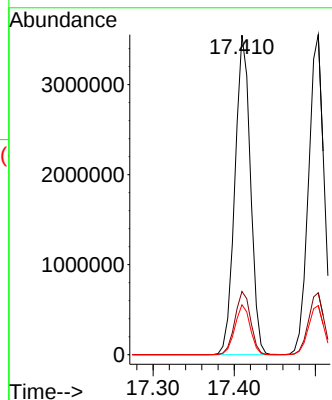
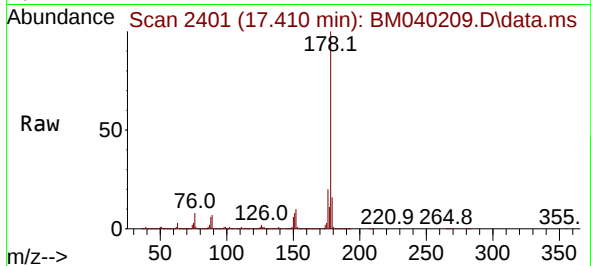




#71  
Phenanthrene  
Concen: 40.158 ng  
RT: 17.410 min Scan# 2402  
Delta R.T. -0.005 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

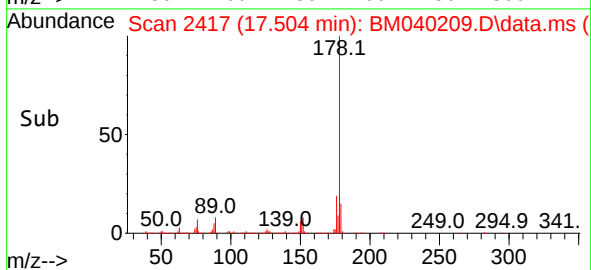
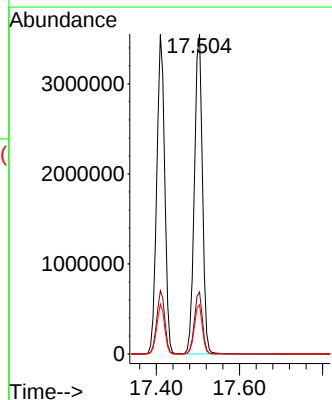
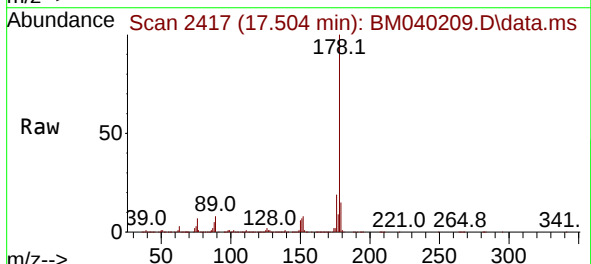
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

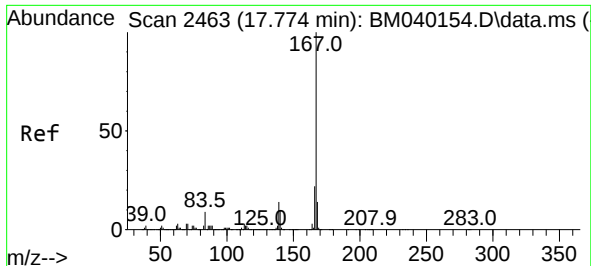
Tgt Ion:178 Resp: 4698946  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.4 24.6  
179 15.7 12.3 18.5



#72  
Anthracene  
Concen: 40.695 ng  
RT: 17.504 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:178 Resp: 4750498  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.0 24.0  
179 15.4 12.6 19.0

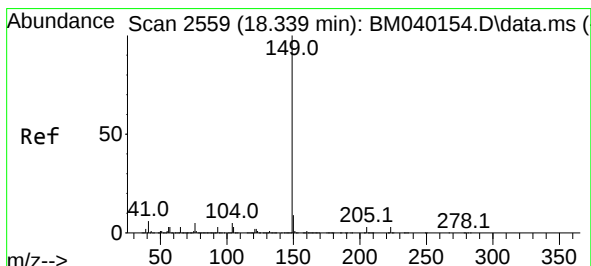
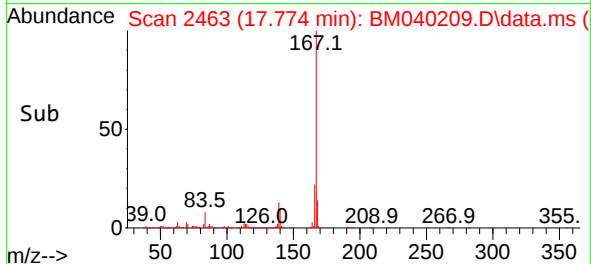
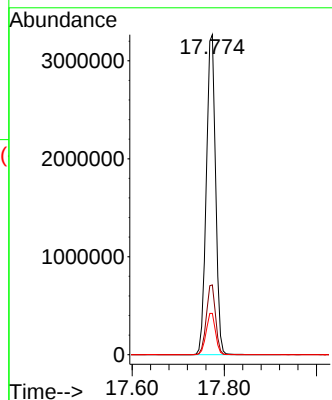
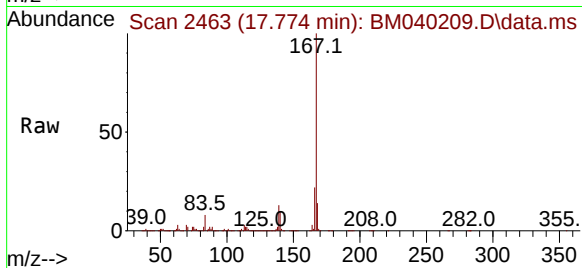




#73  
 Carbazole  
 Concen: 41.322 ng  
 RT: 17.774 min Scan# 2463  
 Delta R.T. -0.000 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

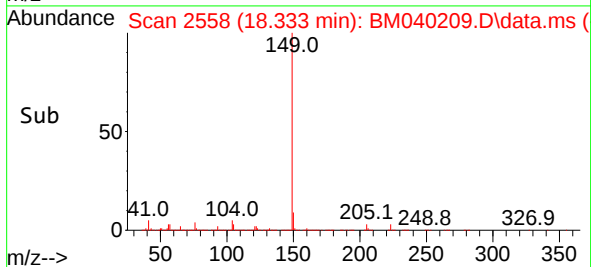
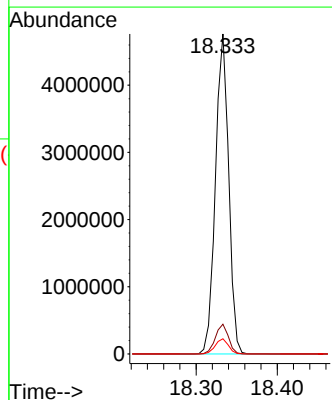
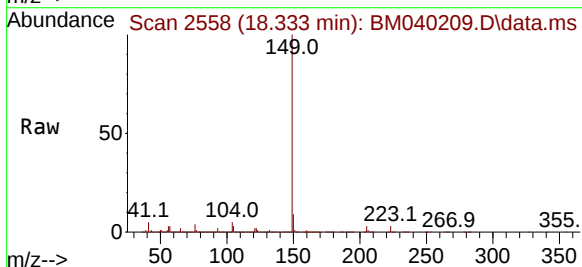
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB32BMSD

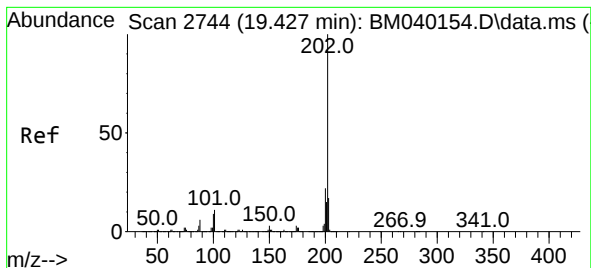
Tgt Ion:167 Resp: 4600964  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.8 26.8  
 139 12.9 11.0 16.4



#74  
 Di-n-butylphthalate  
 Concen: 43.039 ng  
 RT: 18.333 min Scan# 2558  
 Delta R.T. -0.006 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

Tgt Ion:149 Resp: 5374514  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 43.859 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

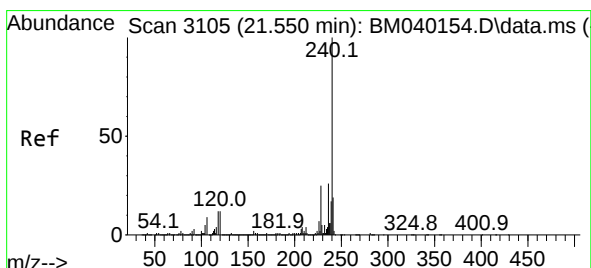
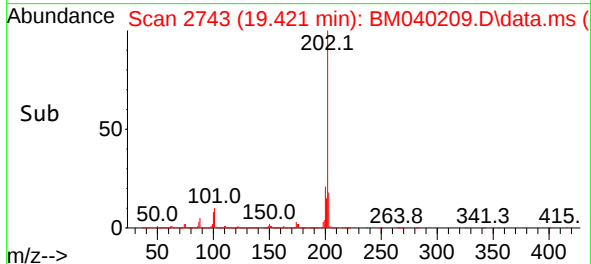
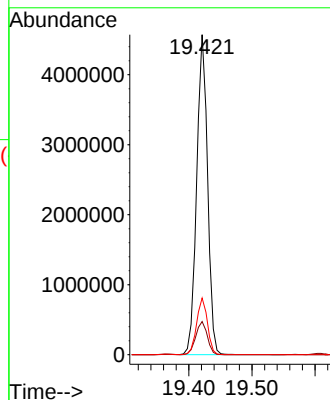
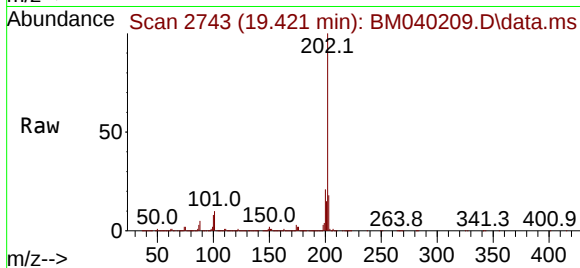
Tgt Ion:202 Resp: 5445942

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

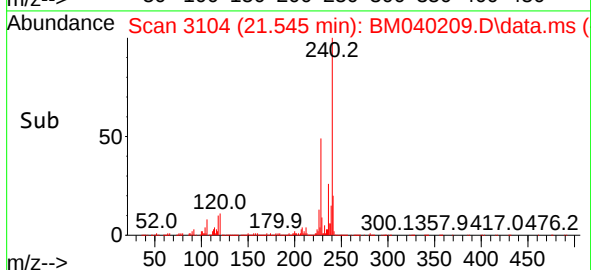
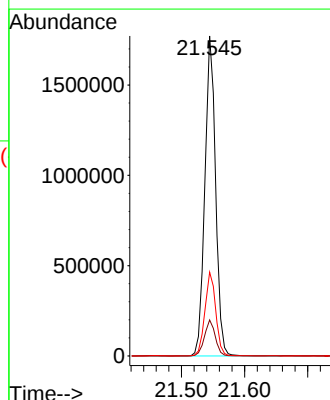
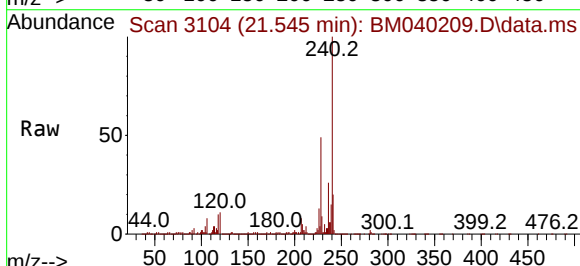
Tgt Ion:240 Resp: 2095682

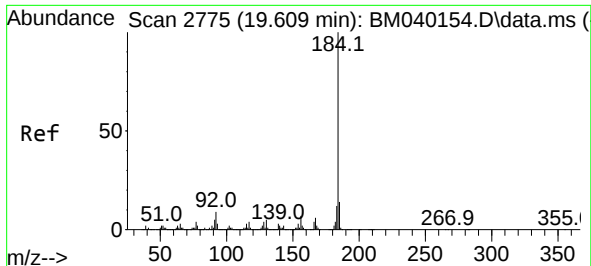
Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 26.2 21.1 31.7

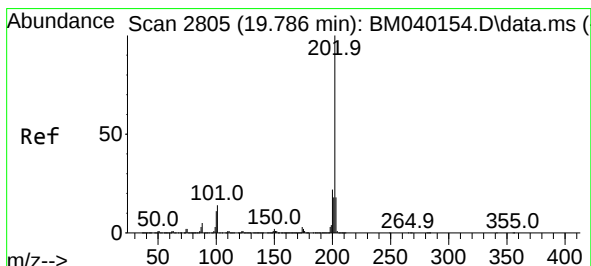
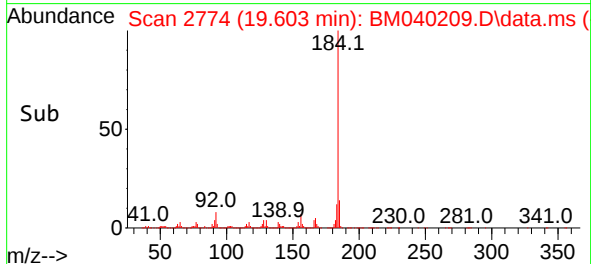
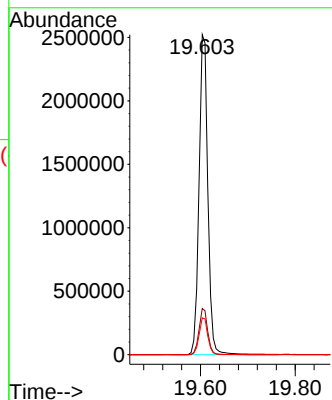
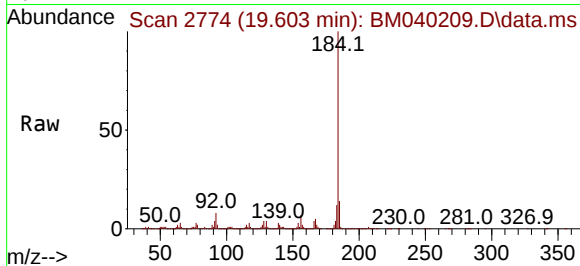




#77  
Benzidine  
Concen: 82.667 ng  
RT: 19.603 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

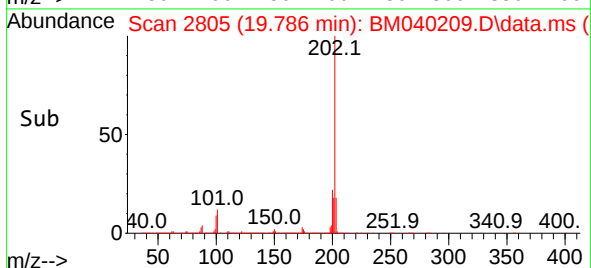
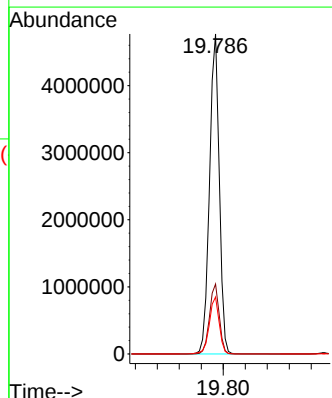
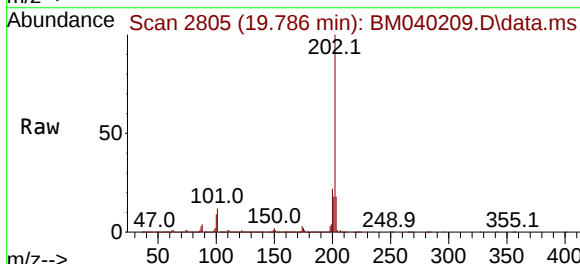
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

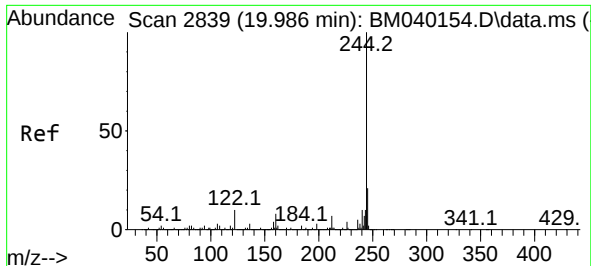
Tgt Ion:184 Resp: 3253589  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.6 17.4  
183 11.5 9.4 14.0



#78  
Pyrene  
Concen: 41.911 ng  
RT: 19.786 min Scan# 2805  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:202 Resp: 5856781  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.8 26.8  
203 17.8 14.4 21.6

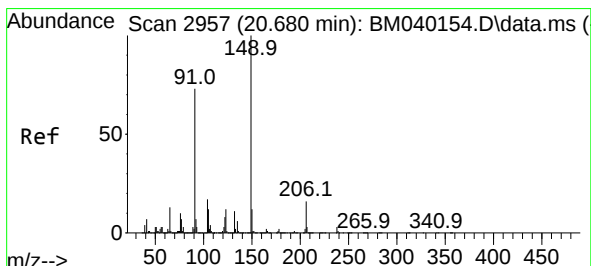
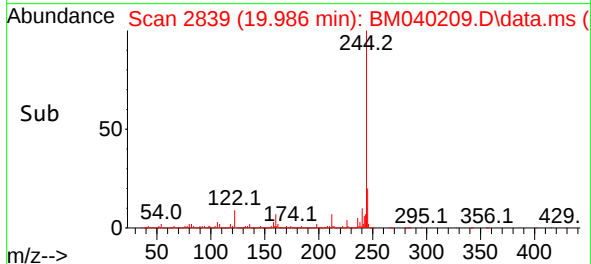
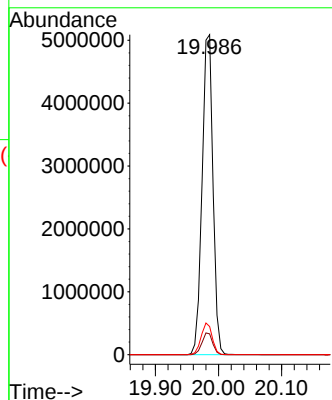
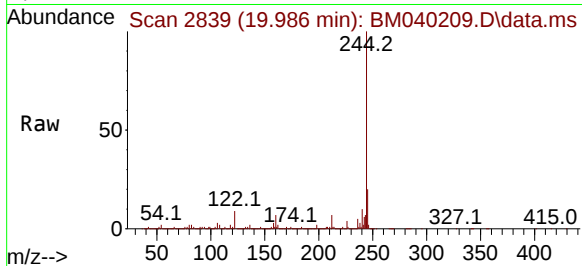




#79  
 Terphenyl-d14  
 Concen: 53.414 ng  
 RT: 19.986 min Scan# 2839  
 Delta R.T. -0.000 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

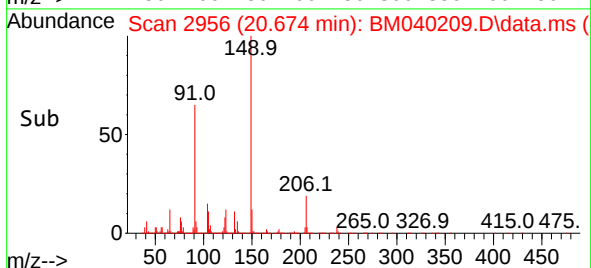
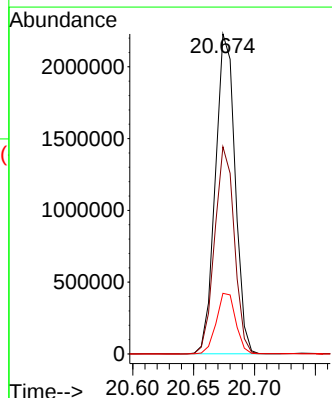
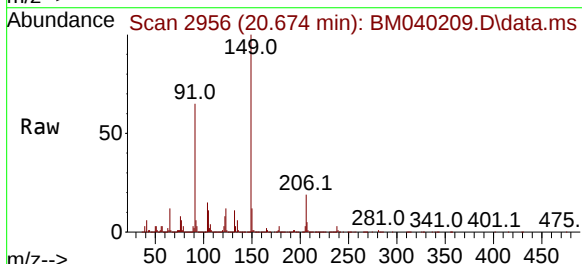
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB32BMSD

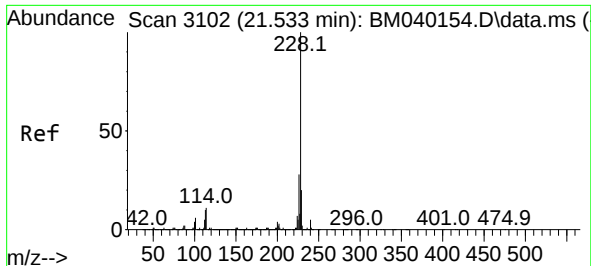
Tgt Ion:244 Resp: 6072352  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.7 8.5  
 122 8.8 7.9 11.9



#80  
 Butylbenzylphthalate  
 Concen: 44.488 ng  
 RT: 20.674 min Scan# 2956  
 Delta R.T. -0.006 min  
 Lab File: BM040209.D  
 Acq: 10 Jun 2023 03:40

Tgt Ion:149 Resp: 2512823  
 Ion Ratio Lower Upper  
 149 100  
 91 64.8 58.3 87.5  
 206 18.9 13.2 19.8

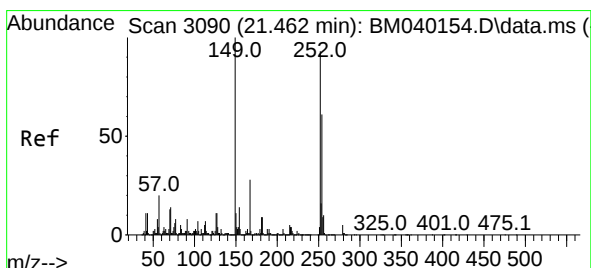
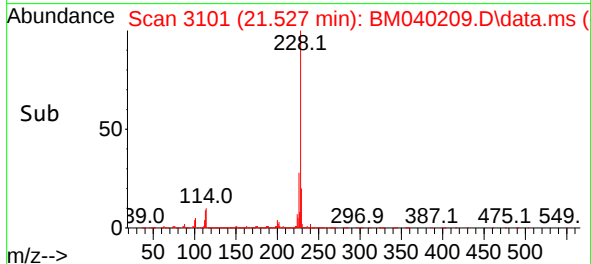
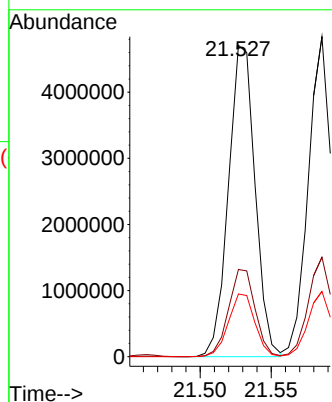
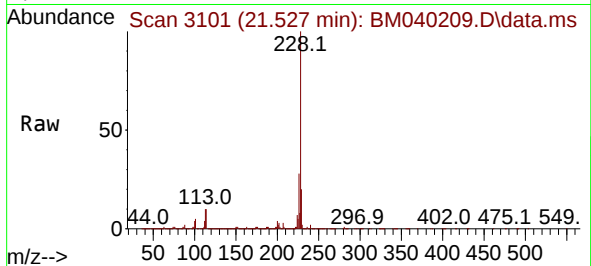




#81  
Benzo(a)anthracene  
Concen: 42.983 ng  
RT: 21.527 min Scan# 3101  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

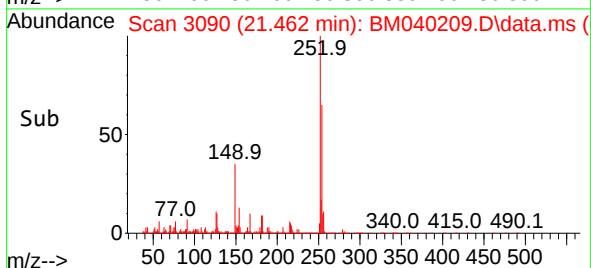
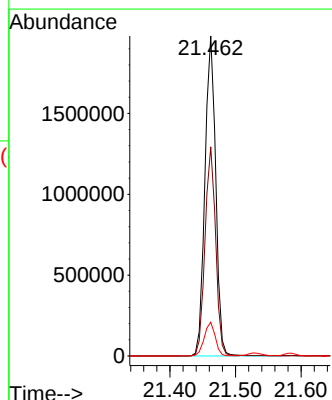
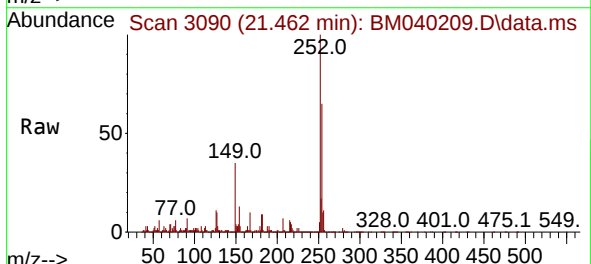
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

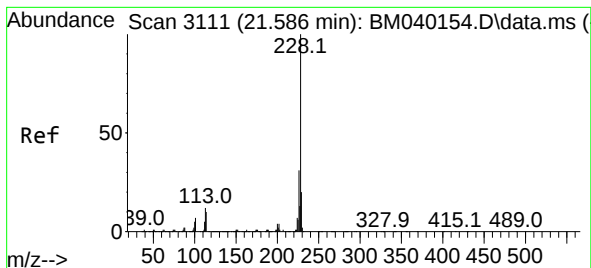
Tgt Ion:228 Resp: 6142638  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.5 33.7  
229 20.1 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 47.854 ng  
RT: 21.462 min Scan# 3090  
Delta R.T. -0.000 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:252 Resp: 2272827  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.2 78.2  
126 10.6 9.5 14.3





#83

Chrysene

Concen: 41.267 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

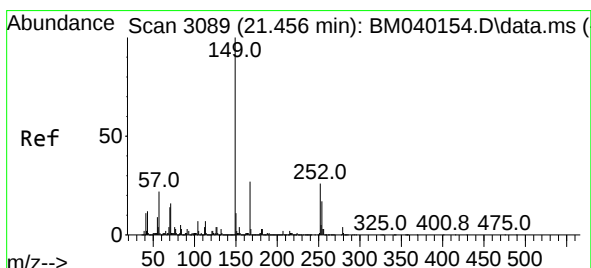
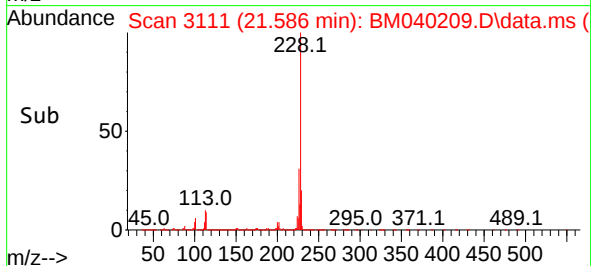
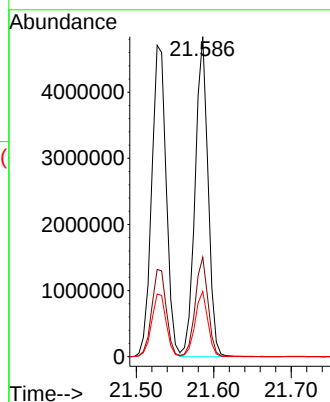
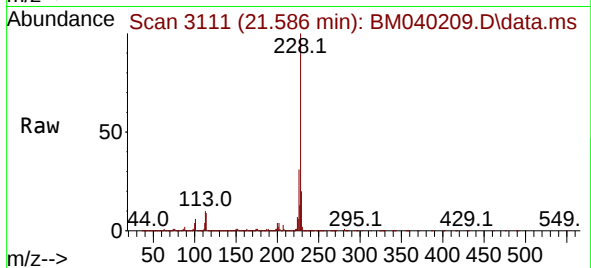
Tgt Ion:228 Resp: 5586767

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.024 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

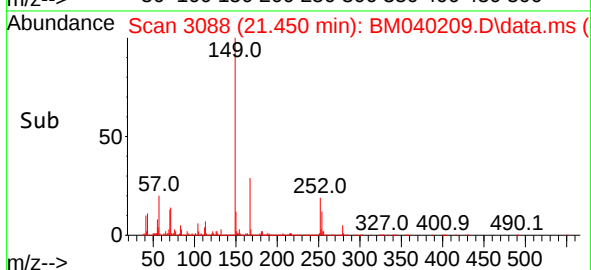
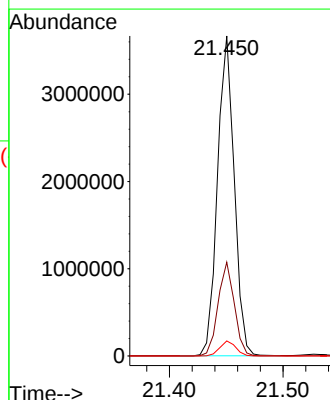
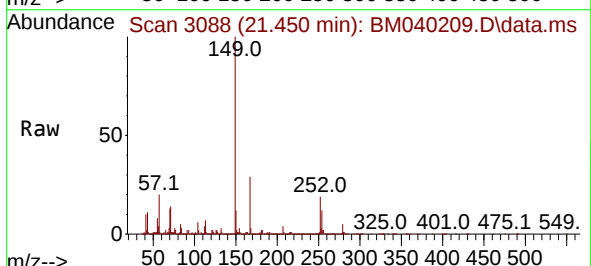
Tgt Ion:149 Resp: 3755556

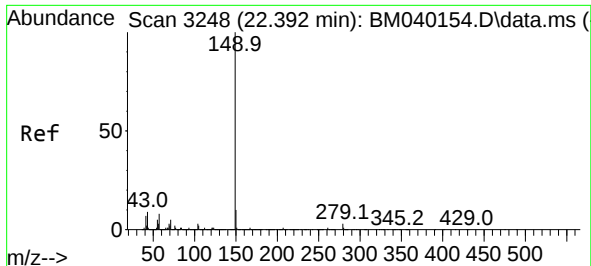
Ion Ratio Lower Upper

149 100

167 29.3 21.7 32.5

279 4.7 3.3 4.9

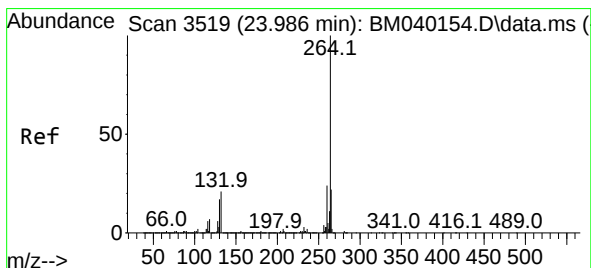
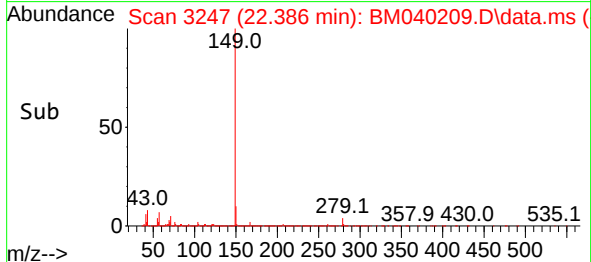
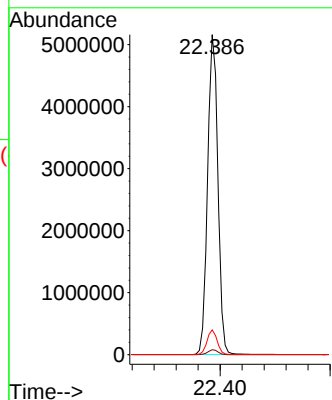
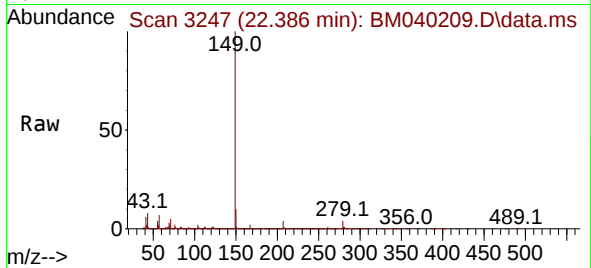




#85  
Di-n-octyl phthalate  
Concen: 49.271 ng  
RT: 22.386 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

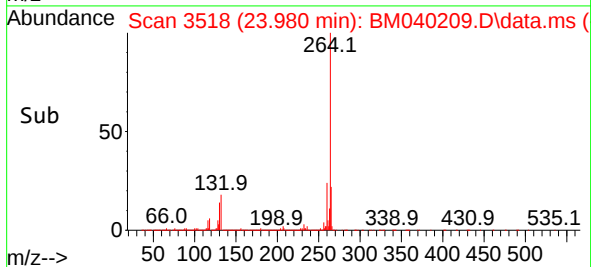
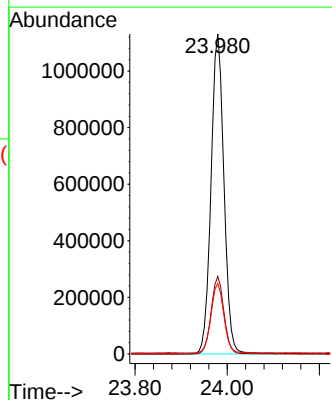
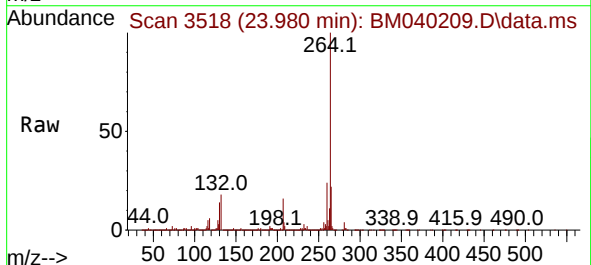
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

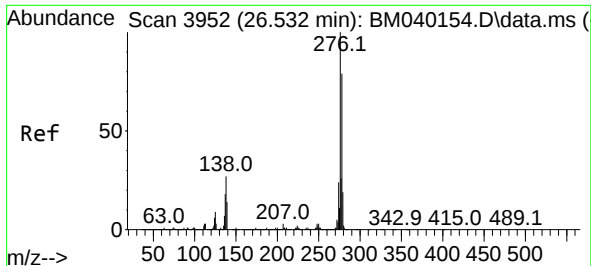
Tgt Ion:149 Resp: 6673833  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 7.7 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.980 min Scan# 3518  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:264 Resp: 2203014  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.1 28.7  
265 22.0 17.7 26.5

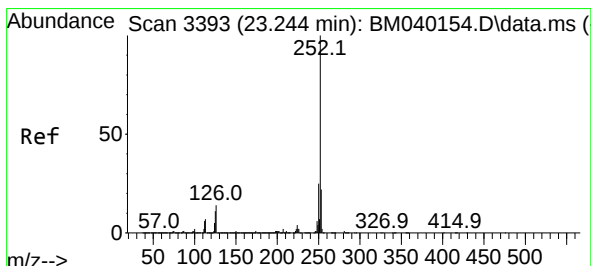
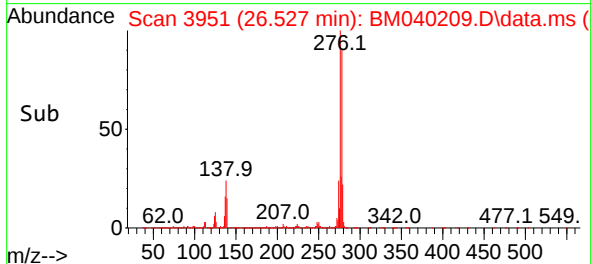
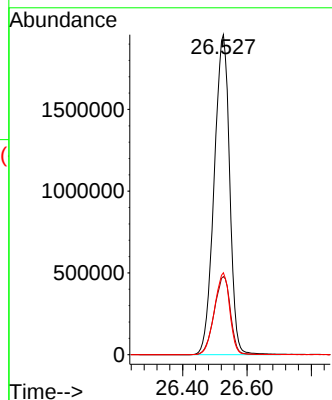
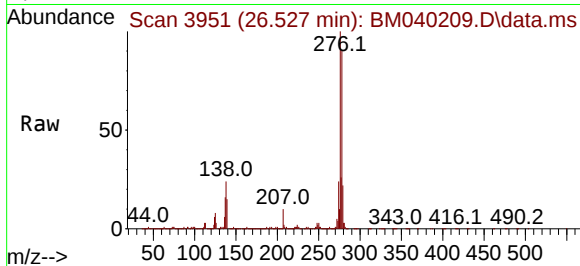




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.541 ng  
RT: 26.527 min Scan# 3951  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

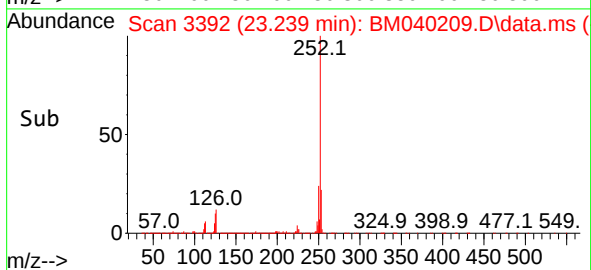
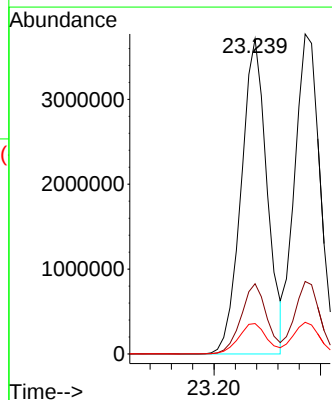
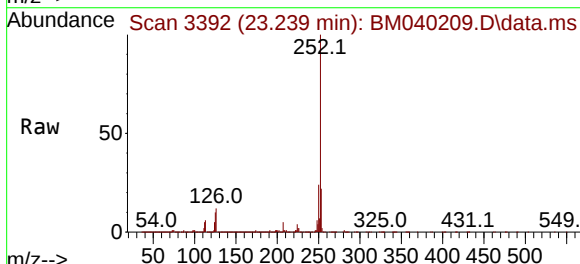
Instrument :  
BNA\_M  
ClientSampleId :  
SB32BMSD

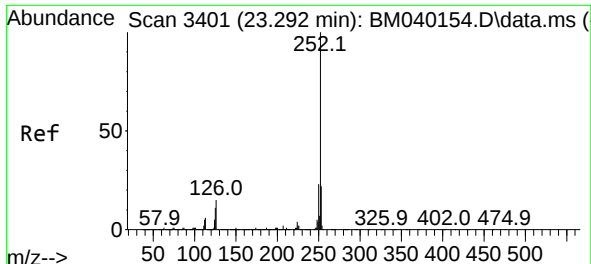
Tgt Ion:276 Resp: 6531597  
Ion Ratio Lower Upper  
276 100  
138 25.6 23.0 34.4  
277 25.3 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 46.935 ng  
RT: 23.239 min Scan# 3392  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:252 Resp: 6262185  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 9.7 8.6 13.0

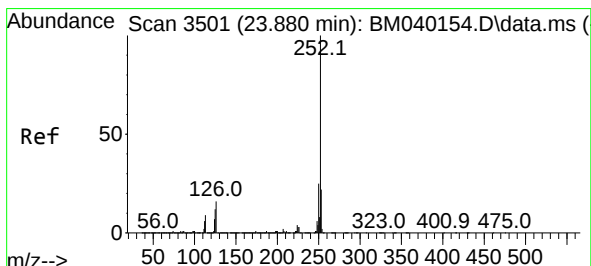
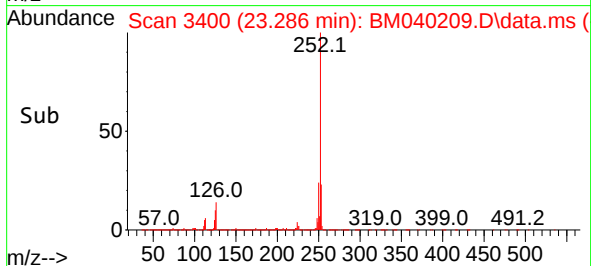
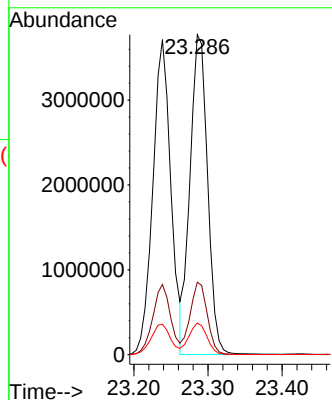
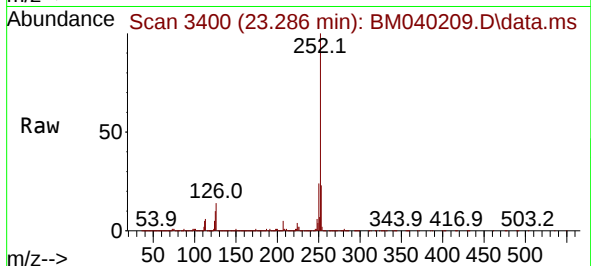




#89  
Benzo(k)fluoranthene  
Concen: 44.488 ng  
RT: 23.286 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

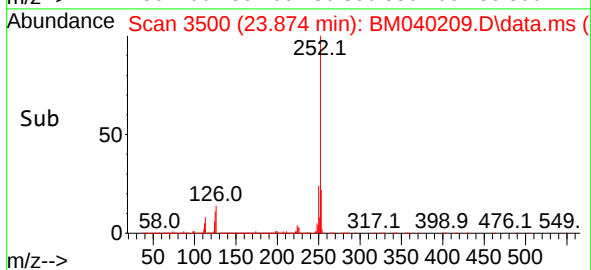
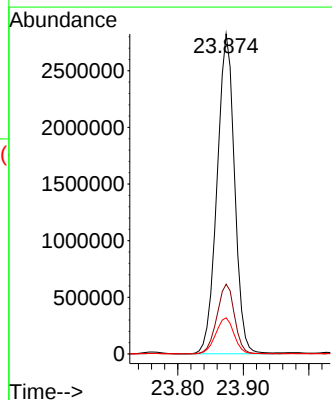
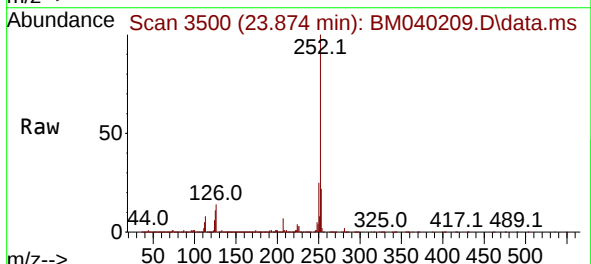
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ClientSampleId :  
SB32BMSD

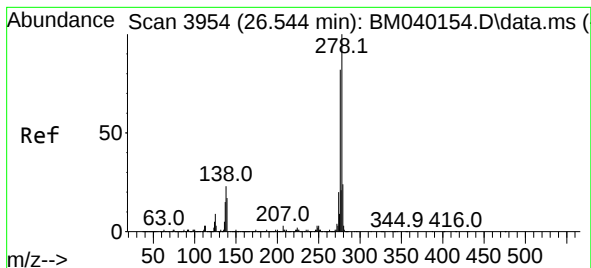
Tgt Ion:252 Resp: 6203821  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 9.9 9.0 13.4



#90  
Benzo(a)pyrene  
Concen: 41.048 ng  
RT: 23.874 min Scan# 3500  
Delta R.T. -0.006 min  
Lab File: BM040209.D  
Acq: 10 Jun 2023 03:40

Tgt Ion:252 Resp: 5230265  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 11.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 39.250 ng

RT: 26.538 min Scan# 3954

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Instrument :

BNA\_M

ClientSampleId :

SB32BMSD

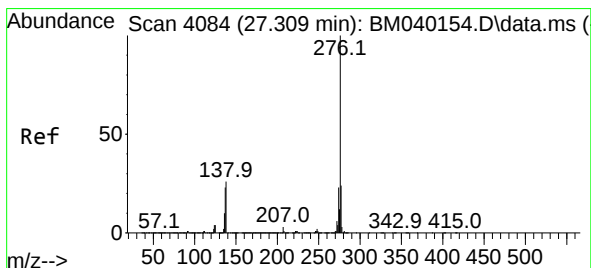
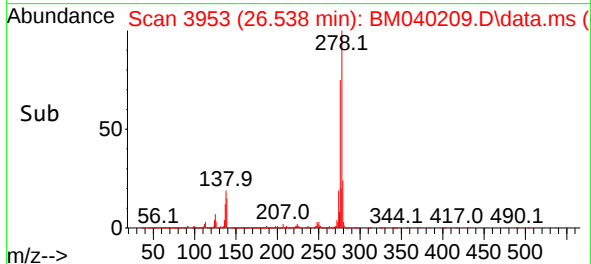
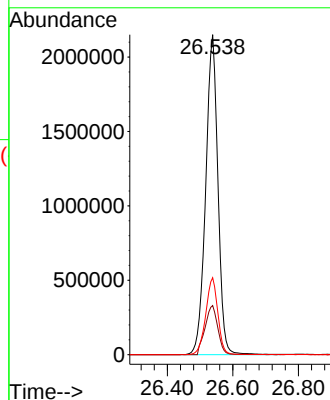
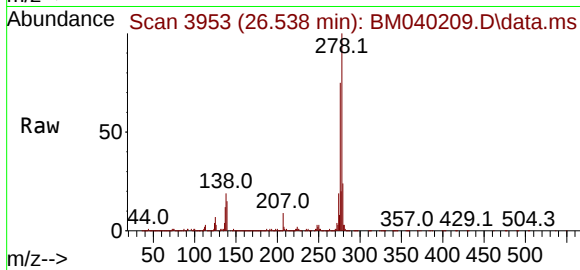
Tgt Ion:278 Resp: 5596900

Ion Ratio Lower Upper

278 100

139 15.4 13.7 20.5

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 38.835 ng

RT: 27.303 min Scan# 4083

Delta R.T. -0.006 min

Lab File: BM040209.D

Acq: 10 Jun 2023 03:40

Tgt Ion:276 Resp: 4756897

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 23.1 20.7 31.1

