

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032524\  
 Data File : BM044753.D  
 Acq On : 25 Mar 2024 13:27  
 Operator : MA/JU  
 Sample : PB159758BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159758BS

Quant Time: Mar 25 13:59:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 02:28:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 229875   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.463 | 136  | 889874   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.333 | 164  | 441691   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.086 | 188  | 751408   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.286 | 240  | 485430   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 23.521 | 264  | 545426   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.298  | 112  | 2204799  | 137.710 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.875  | 99   | 2664736  | 129.371 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.851  | 82   | 1628044  | 88.138  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.833 | 330  | 654879   | 134.425 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 2919242  | 91.024  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.727 | 244  | 2806336  | 101.132 | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.287  | 88   | 219805   | 32.662  | ng    | 95       |
| 3) Pyridine                   | 3.663  | 79   | 557109   | 29.936  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 387313   | 51.932  | ng    | 82       |
| 6) Aniline                    | 7.028  | 93   | 467334   | 19.157  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.251  | 128  | 773970   | 48.534  | ng    | 100      |
| 9) Benzaldehyde               | 6.845  | 77   | 95906    | 8.890   | ng    | 99       |
| 10) Phenol                    | 6.898  | 94   | 954777   | 46.414  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.128  | 93   | 751490   | 44.743  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.569  | 146  | 802919   | 46.826  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.722  | 146  | 817462   | 47.302  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.028  | 146  | 781714   | 47.432  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.934  | 79   | 647436   | 47.810  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.204  | 45   | 1081482  | 46.443  | ng    | 98       |
| 17) 2-Methylphenol            | 8.134  | 107  | 612470   | 43.657  | ng    | 98       |
| 18) Hexachloroethane          | 8.739  | 117  | 312523   | 48.917  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.498  | 70   | 544282   | 43.269  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.463  | 107  | 817878   | 43.200  | ng    | 98       |
| 22) Acetophenone              | 8.516  | 105  | 1072969  | 45.895  | ng    | # 96     |
| 24) Nitrobenzene              | 8.892  | 77   | 817926   | 44.795  | ng    | 99       |
| 25) Isophorone                | 9.410  | 82   | 1453471  | 45.606  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.592  | 139  | 399687   | 50.728  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.651  | 122  | 530919   | 38.317  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.898  | 93   | 905842   | 42.802  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.116 | 162  | 635930   | 48.155  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.328 | 180  | 670509   | 47.727  | ng    | 100      |
| 31) Naphthalene               | 10.516 | 128  | 2145808  | 43.938  | ng    | 100      |
| 32) Benzoic acid              | 9.822  | 122  | 451611   | 41.380  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.639 | 127  | 286114   | 13.965  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.780 | 225  | 384721   | 49.115  | ng    | 99       |
| 35) Caprolactam               | 11.457 | 113  | 146008   | 34.276  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.769 | 107  | 636840   | 43.947  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.133 | 142  | 1353266  | 40.826  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.351 | 142  | 1287580  | 41.679  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.504 | 216  | 650260   | 51.879  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.469 | 237  | 682918   | 95.639  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.751 | 196  | 440237   | 52.015  | ng    | 98       |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

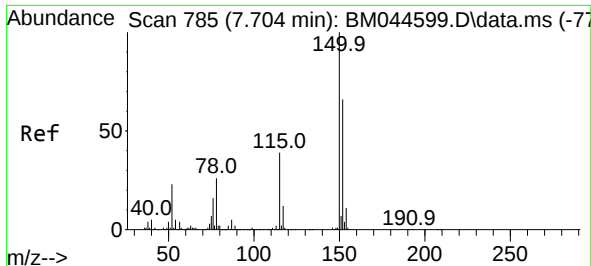
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159758BS

Quant Time: Mar 25 13:59:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 02:28:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.833 | 196  | 452639   | 45.135 | ng    | # 98     |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 1646810  | 47.671 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.198 | 162  | 1267541  | 49.619 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.421 | 65   | 403821   | 46.590 | ng    | 98       |
| 49) Acenaphthylene            | 14.051 | 152  | 2038257  | 48.980 | ng    | 100      |
| 50) Dimethylphthalate         | 13.804 | 163  | 1448271  | 43.837 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.927 | 165  | 316007   | 45.933 | ng    | 97       |
| 52) Acenaphthene              | 14.398 | 154  | 1140147  | 45.323 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.257 | 138  | 243305   | 30.202 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.468 | 184  | 360826   | 80.154 | ng    | 94       |
| 55) Dibenzofuran              | 14.733 | 168  | 1756928  | 44.006 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.574 | 139  | 547988   | 82.824 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.721 | 165  | 407179   | 45.295 | ng    | # 91     |
| 58) Fluorene                  | 15.386 | 166  | 1363877  | 43.867 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.963 | 232  | 351450   | 45.138 | ng    | 99       |
| 60) Diethylphthalate          | 15.174 | 149  | 1426935  | 42.666 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 648156   | 43.425 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.427 | 138  | 291440   | 36.216 | ng    | 93       |
| 63) Azobenzene                | 15.680 | 77   | 1491533  | 43.144 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.480 | 198  | 217934   | 46.248 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.610 | 169  | 1116123  | 47.660 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.280 | 248  | 378711   | 48.726 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.380 | 284  | 433812   | 52.508 | ng    | 98       |
| 69) Atrazine                  | 16.568 | 200  | 284147   | 38.830 | ng    | 99       |
| 70) Pentachlorophenol         | 16.733 | 266  | 548801   | 92.346 | ng    | 99       |
| 71) Phenanthrene              | 17.133 | 178  | 1886946  | 45.442 | ng    | 100      |
| 72) Anthracene                | 17.221 | 178  | 1874247  | 45.003 | ng    | 99       |
| 73) Carbazole                 | 17.498 | 167  | 1693539  | 43.176 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.068 | 149  | 2211585  | 43.757 | ng    | 99       |
| 75) Fluoranthene              | 19.150 | 202  | 1869594  | 40.277 | ng    | 98       |
| 77) Benzidine                 | 19.350 | 184  | 365363   | 29.122 | ng    | 100      |
| 78) Pyrene                    | 19.515 | 202  | 1896424  | 53.303 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.433 | 149  | 835680   | 52.118 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.268 | 228  | 1593744  | 47.185 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.209 | 252  | 505413   | 43.447 | ng    | 99       |
| 83) Chrysene                  | 21.321 | 228  | 1482081  | 45.920 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 1154858  | 47.807 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.103 | 149  | 1903213  | 45.421 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.791 | 276  | 2278046  | 57.775 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.856 | 252  | 1591036  | 49.637 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.897 | 252  | 1602180  | 48.622 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.427 | 252  | 1534264  | 49.075 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.809 | 278  | 1900448  | 57.172 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.485 | 276  | 1901007  | 58.096 | ng    | 96       |

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

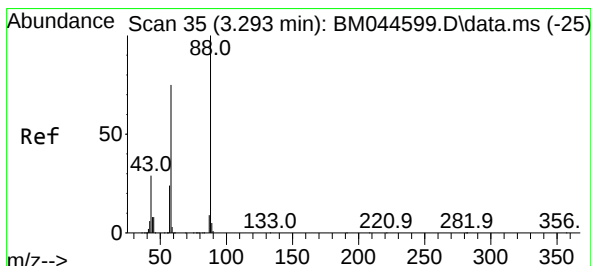
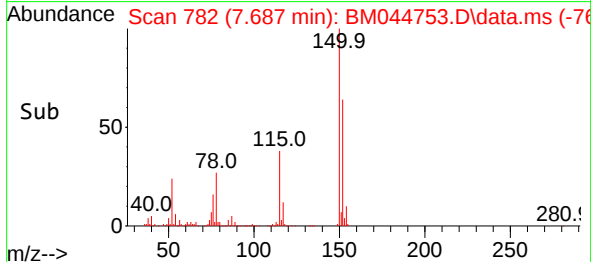
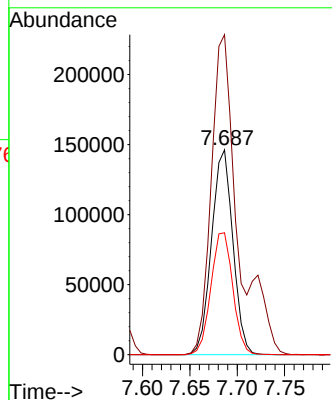
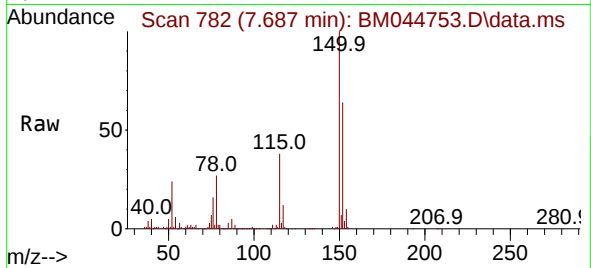




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.687 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

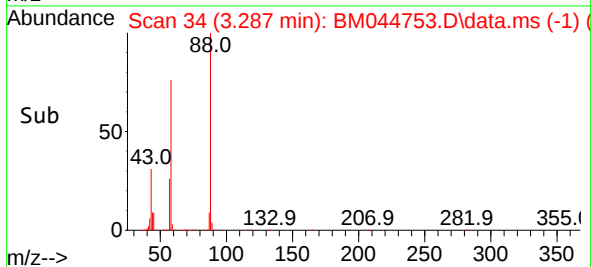
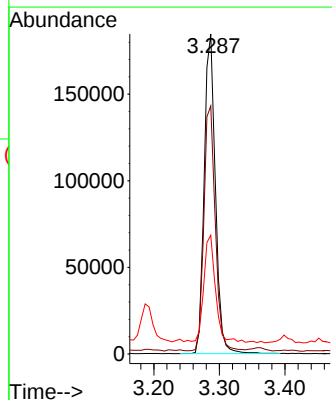
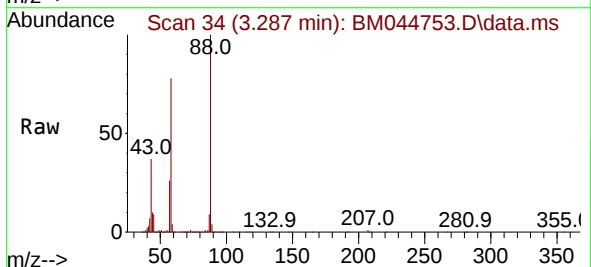
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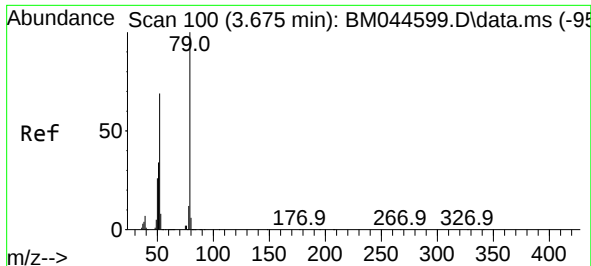
Tgt Ion:152 Resp: 229875  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 121.9 182.9  
 115 59.5 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 32.662 ng  
 RT: 3.287 min Scan# 34  
 Delta R.T. -0.006 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

Tgt Ion: 88 Resp: 219805  
 Ion Ratio Lower Upper  
 88 100  
 58 78.0 60.2 90.2  
 43 33.8 23.5 35.3

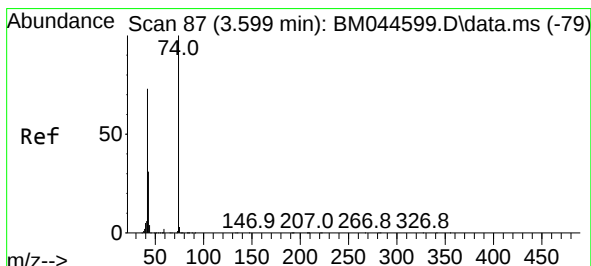
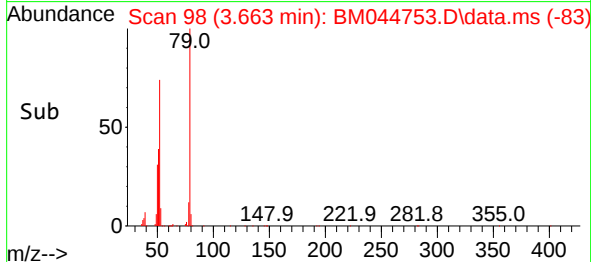
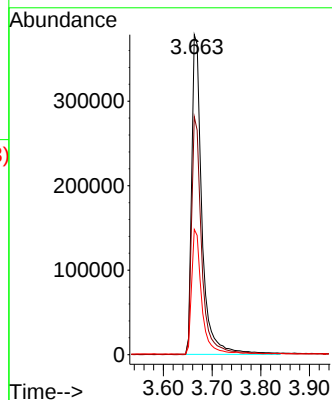
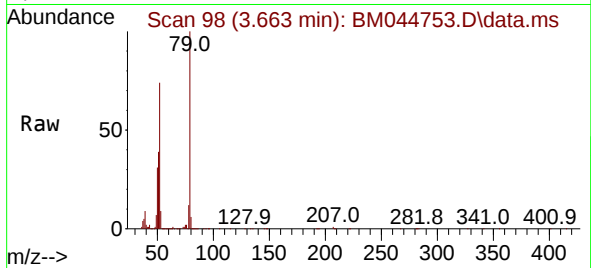




#3  
 Pyridine  
 Concen: 29.936 ng  
 RT: 3.663 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

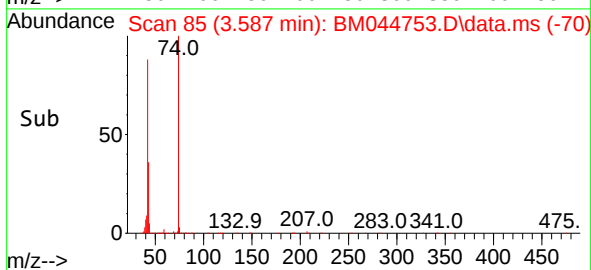
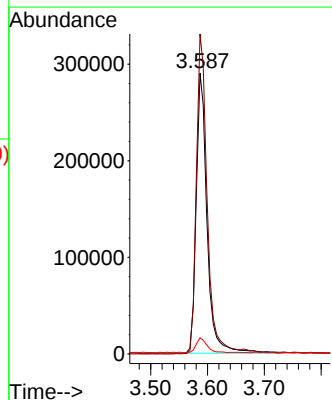
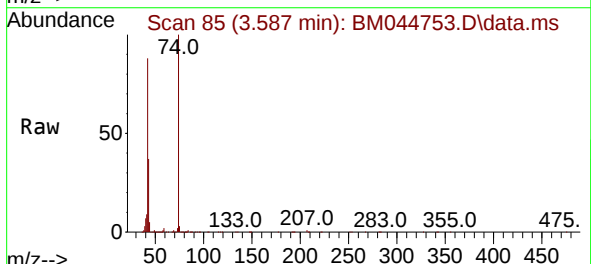
Instrument :  
 BNA\_M  
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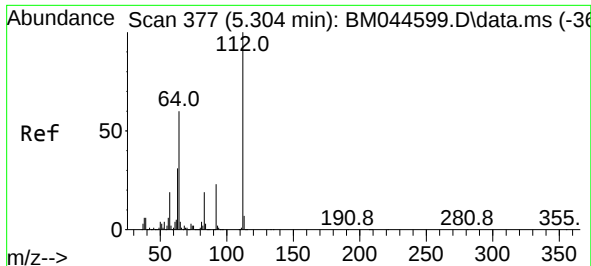
Tgt Ion: 79 Resp: 557109  
 Ion Ratio Lower Upper  
 79 100  
 52 74.3 55.5 83.3  
 51 39.2 27.7 41.5



#4  
 n-Nitrosodimethylamine  
 Concen: 51.932 ng  
 RT: 3.587 min Scan# 85  
 Delta R.T. -0.012 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

Tgt Ion: 42 Resp: 387313  
 Ion Ratio Lower Upper  
 42 100  
 74 113.9 109.7 164.5  
 44 5.7 5.4 8.0

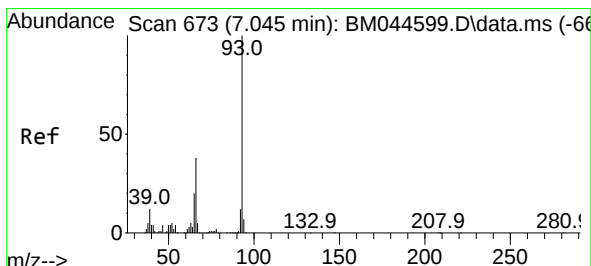
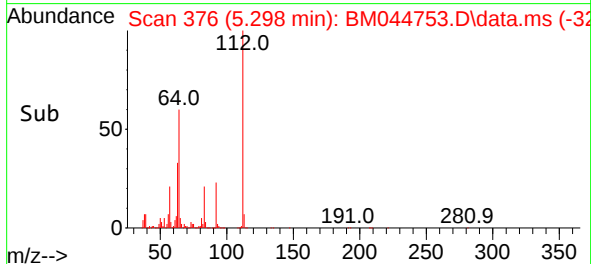
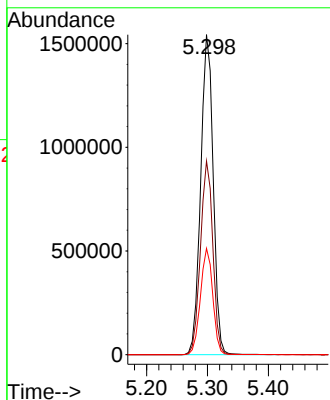
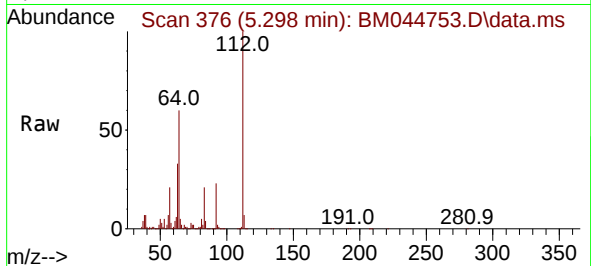




#5  
2-Fluorophenol  
Concen: 137.710 ng  
RT: 5.298 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

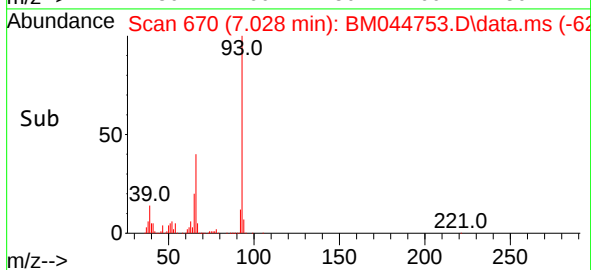
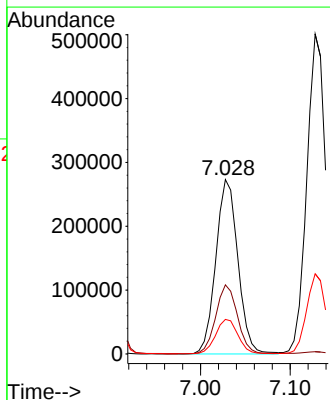
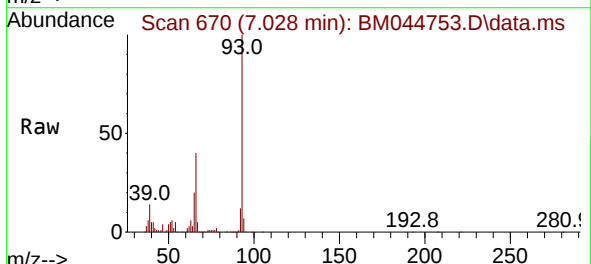
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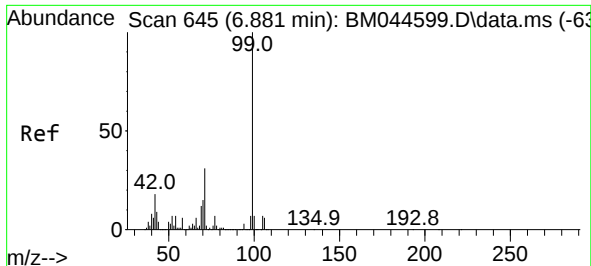
Tgt Ion:112 Resp: 2204799  
Ion Ratio Lower Upper  
112 100  
64 60.5 47.9 71.9  
63 33.2 25.0 37.4



#6  
Aniline  
Concen: 19.157 ng  
RT: 7.028 min Scan# 670  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

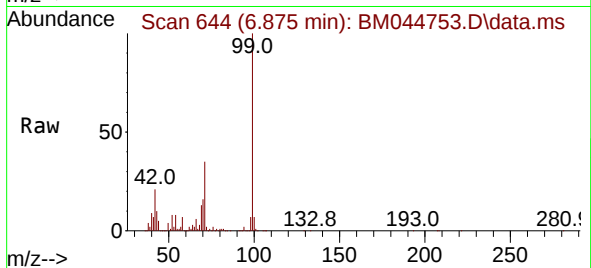
Tgt Ion: 93 Resp: 467334  
Ion Ratio Lower Upper  
93 100  
66 39.6 30.3 45.5  
65 19.9 15.7 23.5





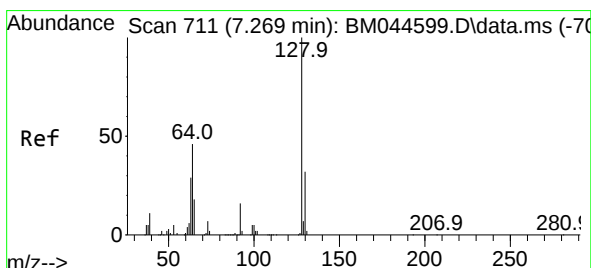
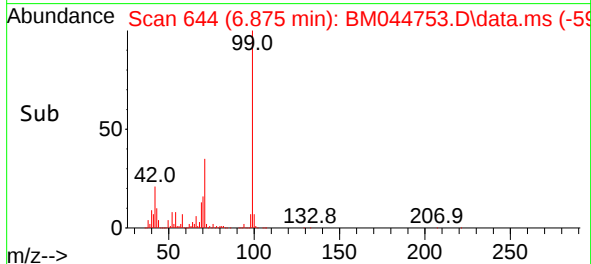
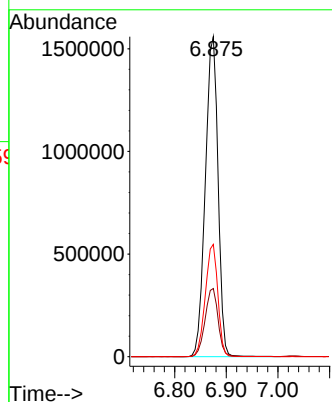
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Phenol-d6  
Concen: 129.371 ng  
RT: 6.875 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS



Tgt Ion: 99 Resp: 2664736

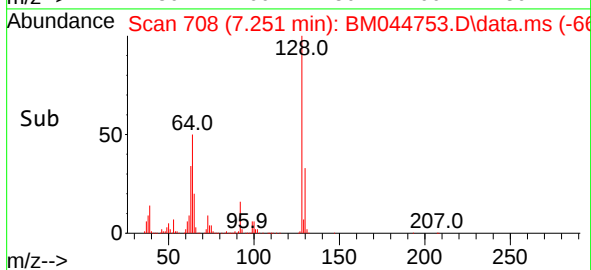
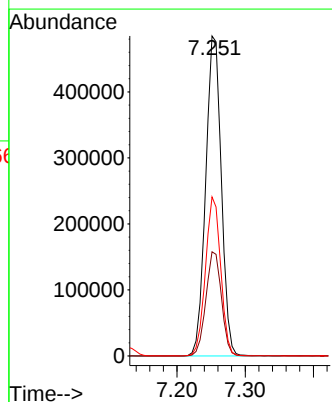
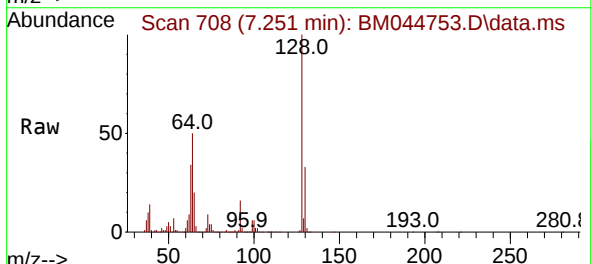
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.3  | 14.3  | 21.5  |
| 71  | 35.1  | 24.5  | 36.7  |

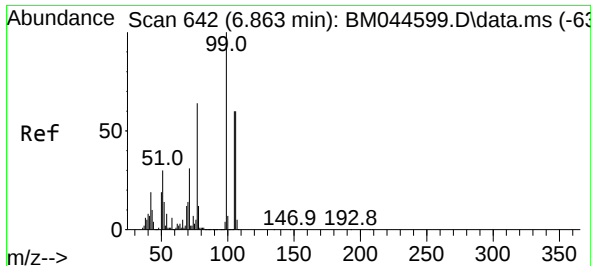


#8  
2-Chlorophenol  
Concen: 48.534 ng  
RT: 7.251 min Scan# 708  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 128 Resp: 773970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.4  | 52.4  |
| 64  | 49.7  | 29.4  | 69.4  |

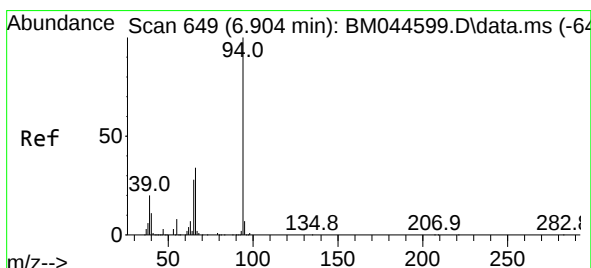
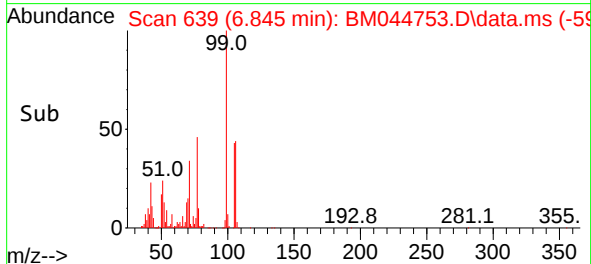
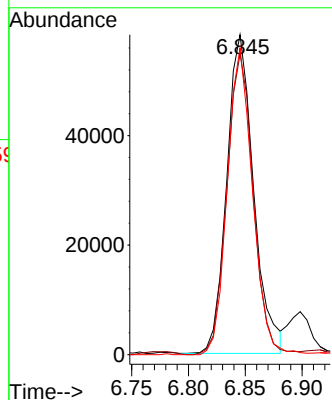
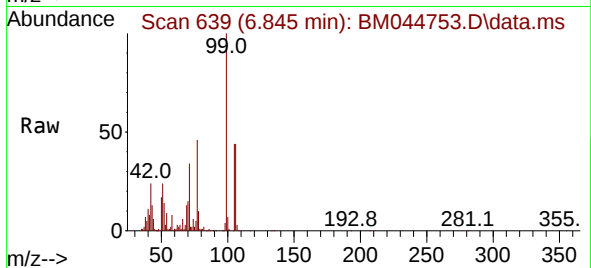




#9  
Benzaldehyde  
Concen: 8.890 ng  
RT: 6.845 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

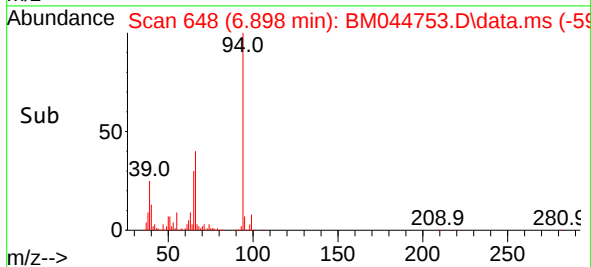
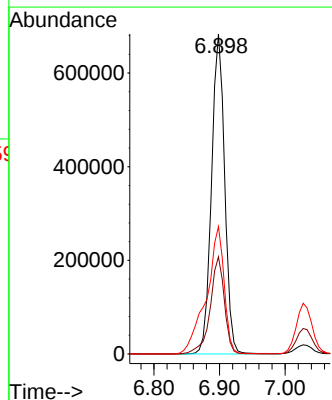
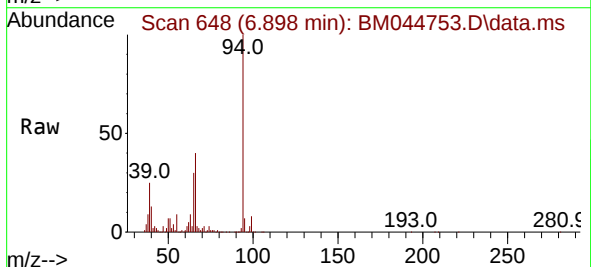
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

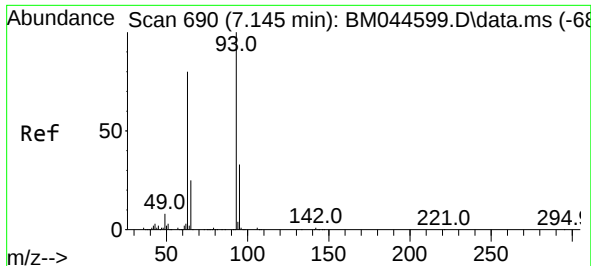
Tgt Ion: 77 Resp: 95906  
Ion Ratio Lower Upper  
77 100  
105 94.0 74.4 114.4  
106 95.8 74.1 114.1



#10  
Phenol  
Concen: 46.414 ng  
RT: 6.898 min Scan# 648  
Delta R.T. -0.006 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 94 Resp: 954777  
Ion Ratio Lower Upper  
94 100  
65 30.4 7.9 47.9  
66 39.8 14.7 54.7

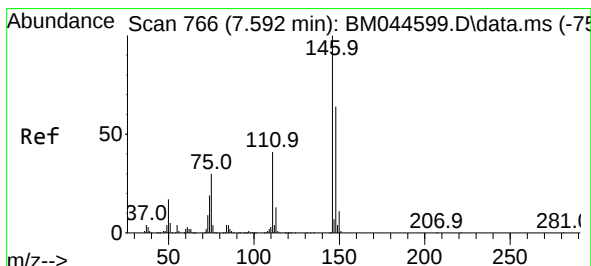
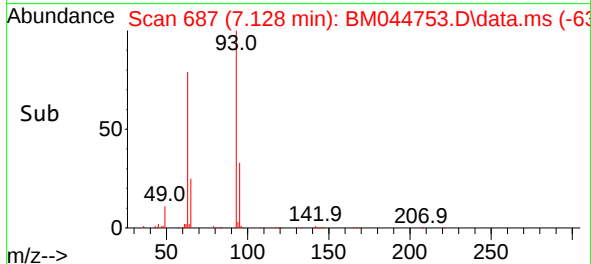
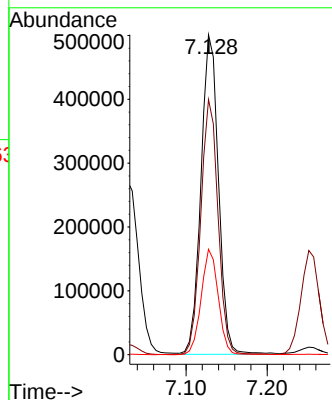
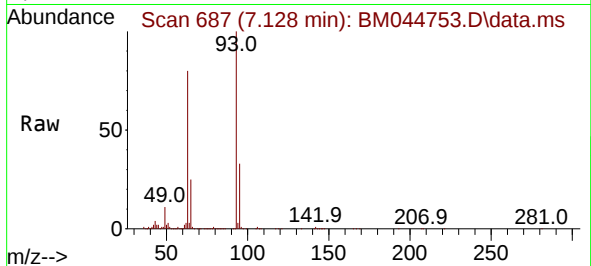




#11  
bis(2-Chloroethyl)ether  
Concen: 44.743 ng  
RT: 7.128 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

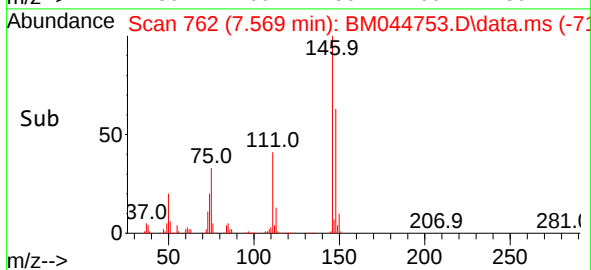
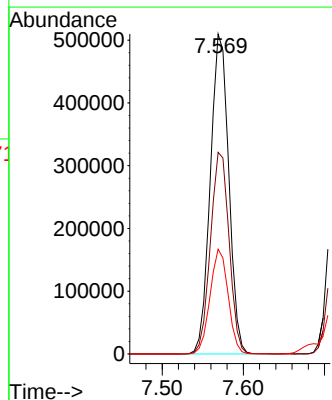
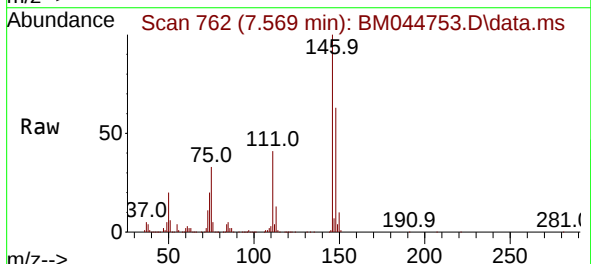
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

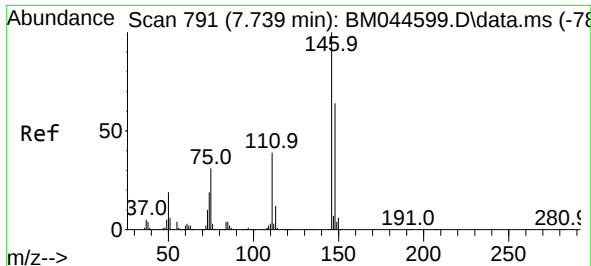
Tgt Ion: 93 Resp: 751490  
Ion Ratio Lower Upper  
93 100  
63 79.8 59.8 99.8  
95 32.9 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 46.826 ng  
RT: 7.569 min Scan# 762  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 146 Resp: 802919  
Ion Ratio Lower Upper  
146 100  
148 63.0 50.9 76.3  
75 32.8 24.1 36.1

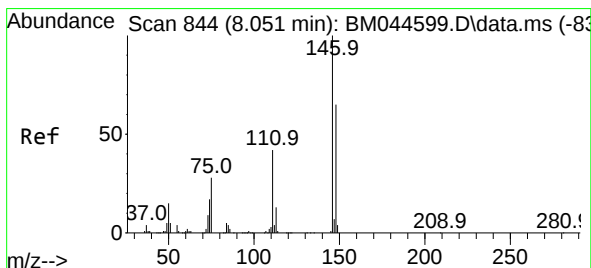
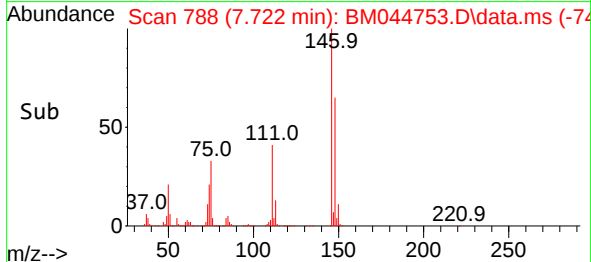
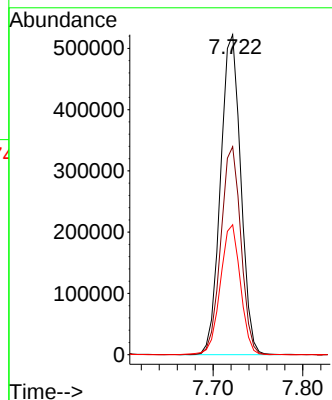
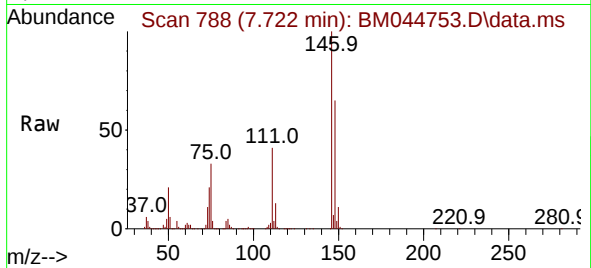




#13  
1,4-Dichlorobenzene  
Concen: 47.302 ng  
RT: 7.722 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

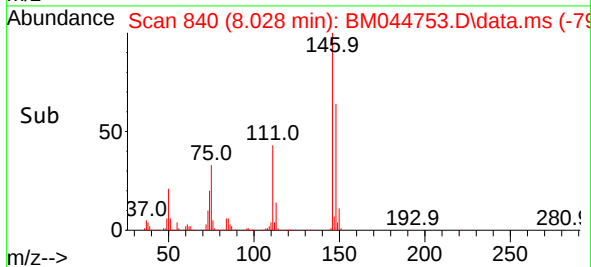
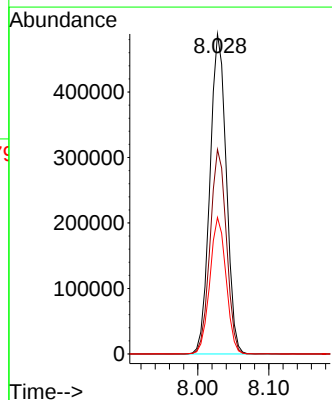
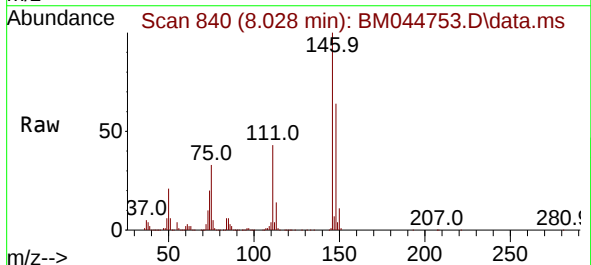
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

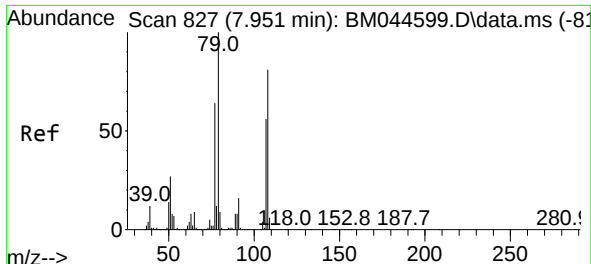
Tgt Ion:146 Resp: 817462  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.5 77.3  
111 40.6 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 47.432 ng  
RT: 8.028 min Scan# 840  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:146 Resp: 781714  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.8 77.8  
111 42.7 33.4 50.2

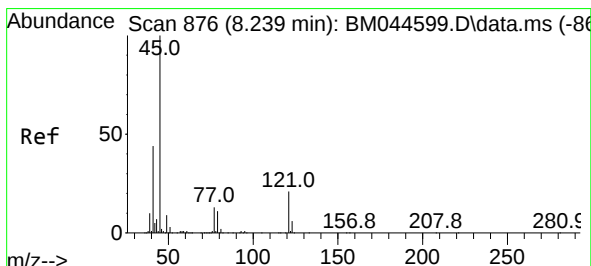
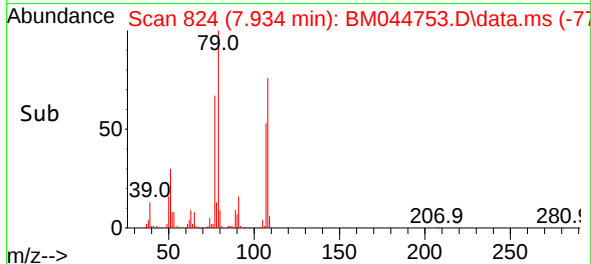
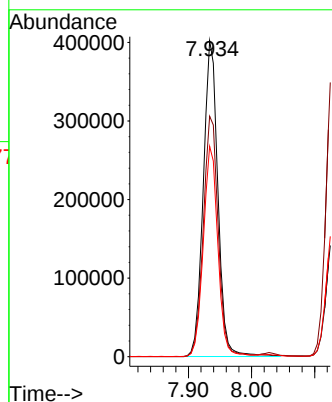
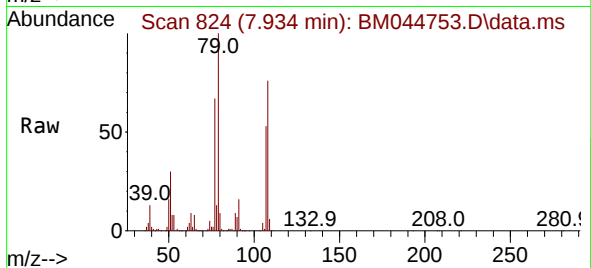




#15  
Benzyl Alcohol  
Concen: 47.810 ng  
RT: 7.934 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

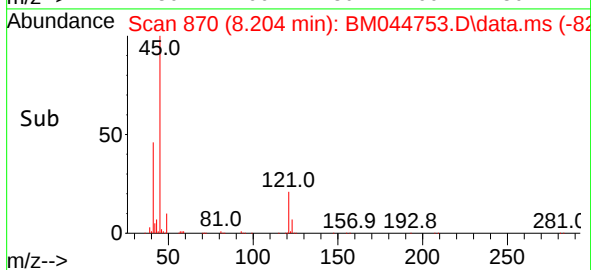
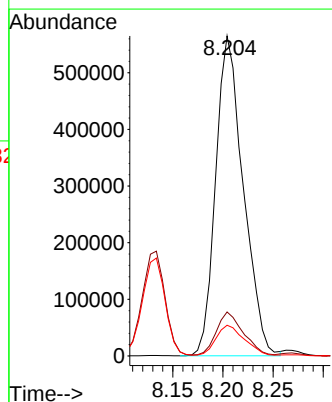
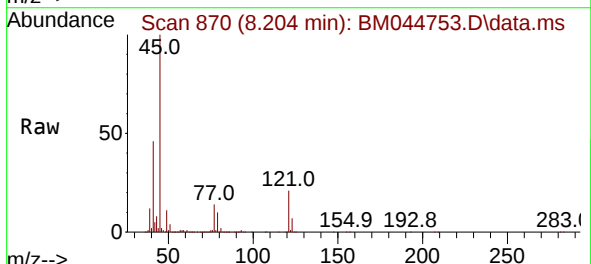
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

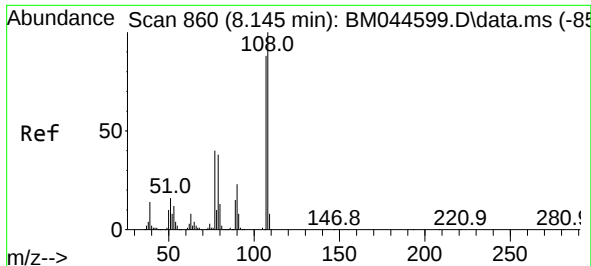
Tgt Ion: 79 Resp: 647436  
Ion Ratio Lower Upper  
79 100  
108 76.1 65.0 97.6  
77 66.6 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.443 ng  
RT: 8.204 min Scan# 870  
Delta R.T. -0.035 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 45 Resp: 1081482  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.7  
79 9.6 0.0 31.2

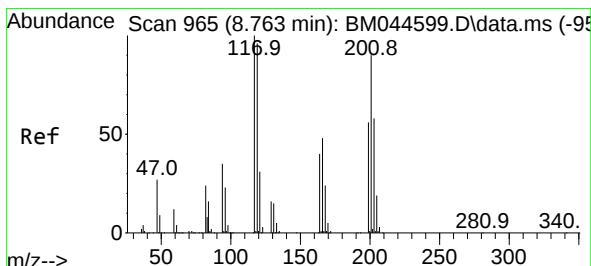
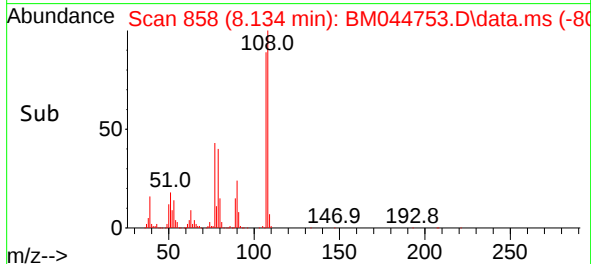
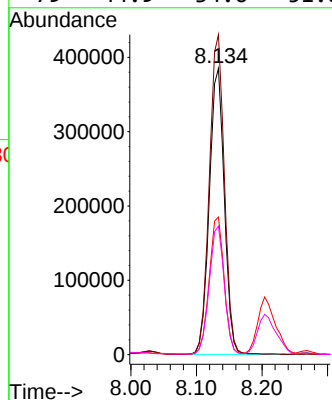
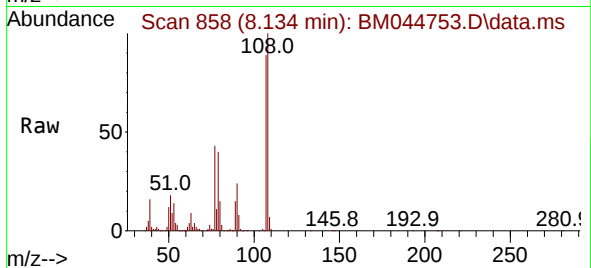




#17  
2-Methylphenol  
Concen: 43.657 ng  
RT: 8.134 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

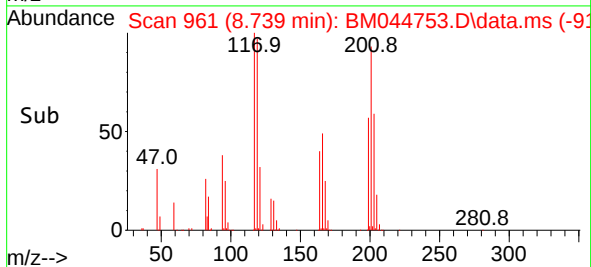
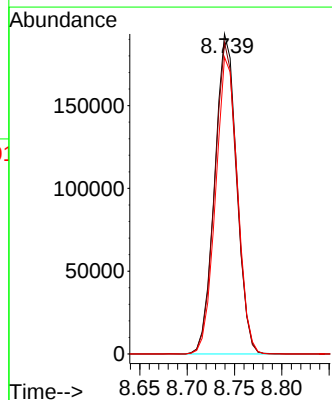
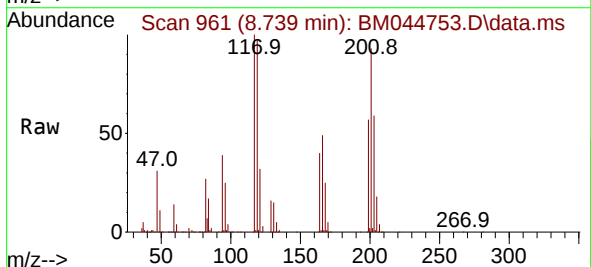
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

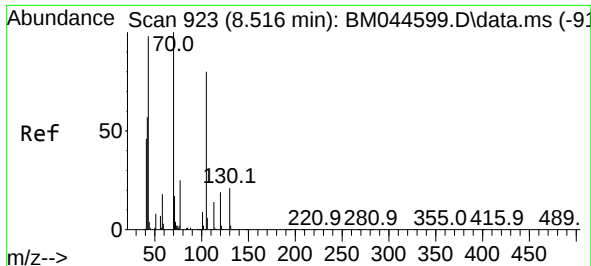
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 612470 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 90.7  | 136.1  |
| 77       | 48.0  | 36.2  | 54.2   |
| 79       | 44.9  | 34.6  | 51.8   |



#18  
Hexachloroethane  
Concen: 48.917 ng  
RT: 8.739 min Scan# 961  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 312523 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 76.8  | 115.2  |
| 201      | 92.7  | 72.3  | 108.5  |

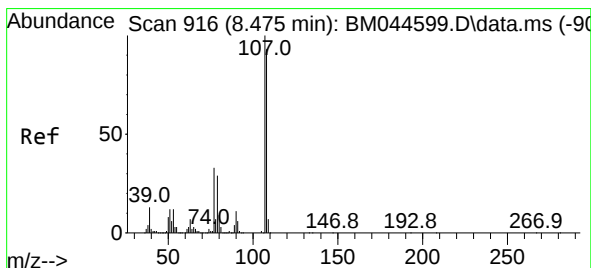
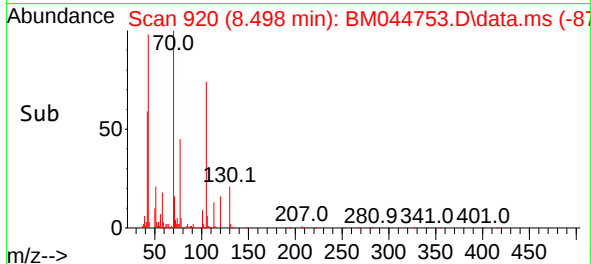
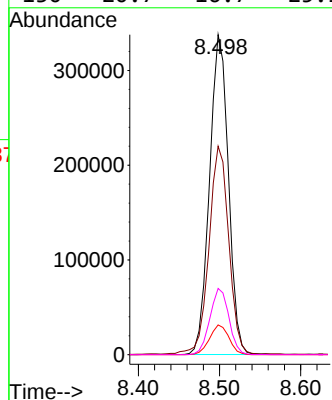
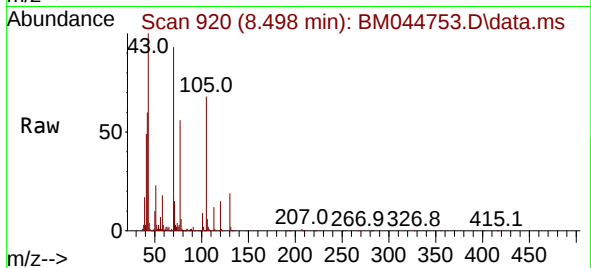




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.269 ng  
RT: 8.498 min Scan# 914  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

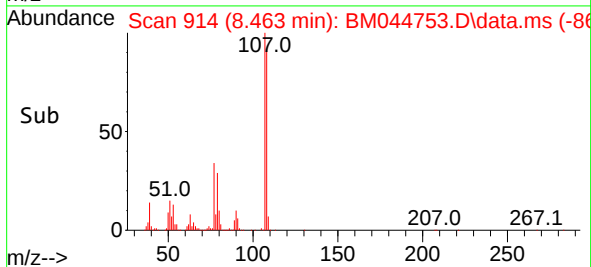
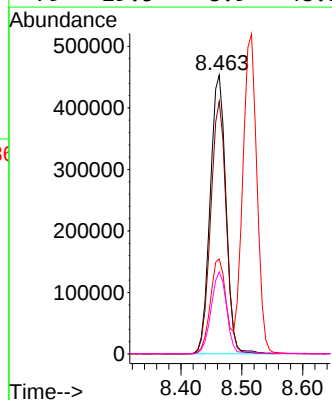
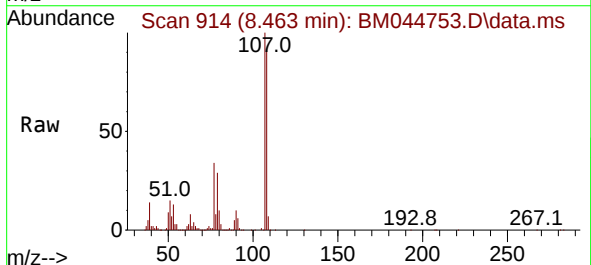
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

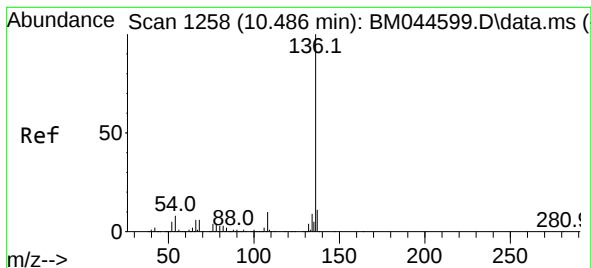
Tgt Ion: 70 Resp: 544282  
Ion Ratio Lower Upper  
70 100  
42 65.2 46.6 69.8  
101 9.3 7.6 11.4  
130 20.7 16.7 25.1



#20  
3+4-Methylphenols  
Concen: 43.200 ng  
RT: 8.463 min Scan# 914  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 107 Resp: 817878  
Ion Ratio Lower Upper  
107 100  
108 90.5 72.7 112.7  
77 34.0 13.3 53.3  
79 29.5 8.9 48.9

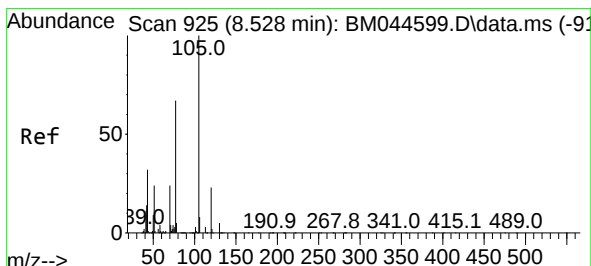
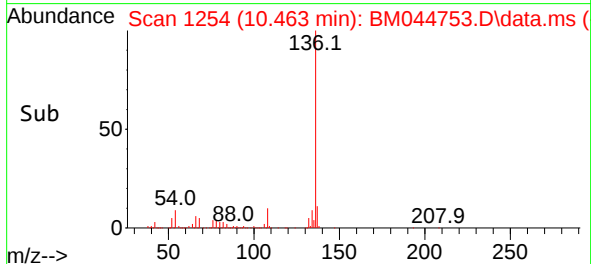
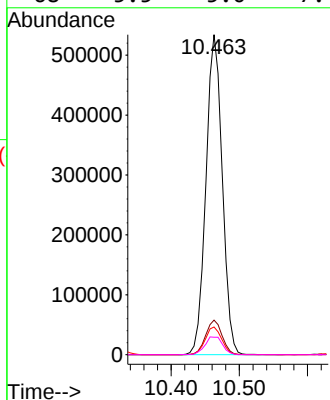
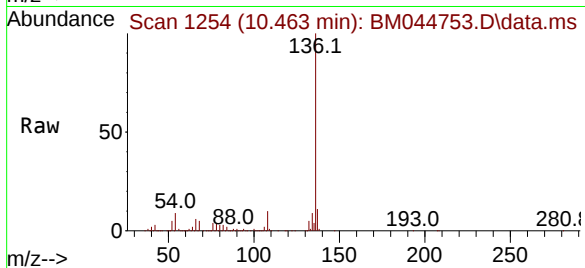




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.463 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

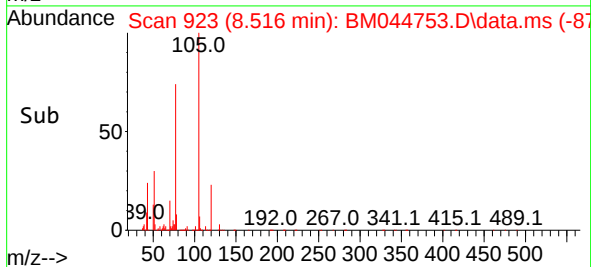
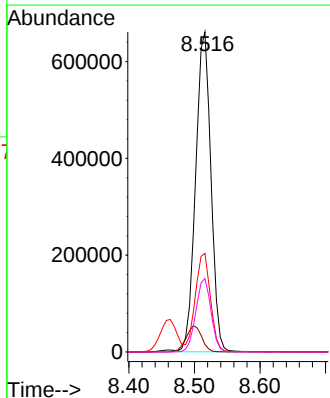
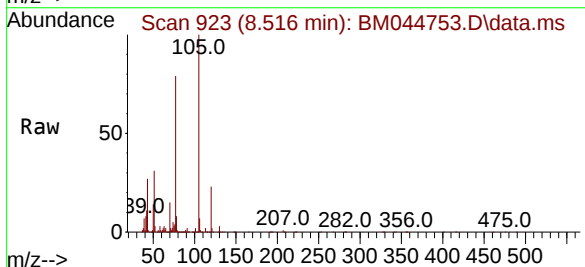
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

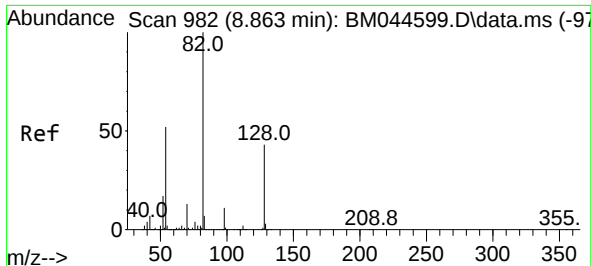
Tgt Ion:136 Resp: 889874  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 8.6 6.6 10.0  
68 5.5 5.0 7.4



#22  
Acetophenone  
Concen: 45.895 ng  
RT: 8.516 min Scan# 923  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:105 Resp: 1072969  
Ion Ratio Lower Upper  
105 100  
71 2.4 3.4 5.2#  
51 30.8 22.2 33.4  
120 22.9 18.6 27.8

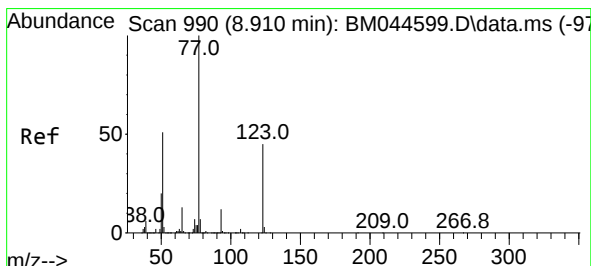
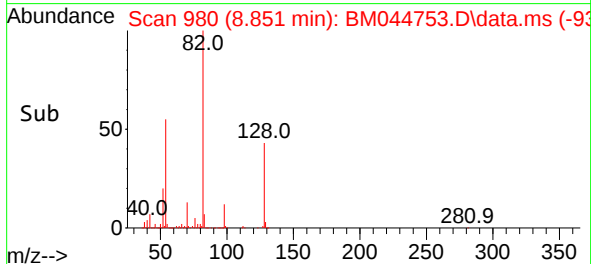
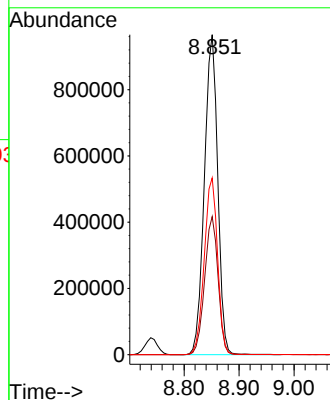
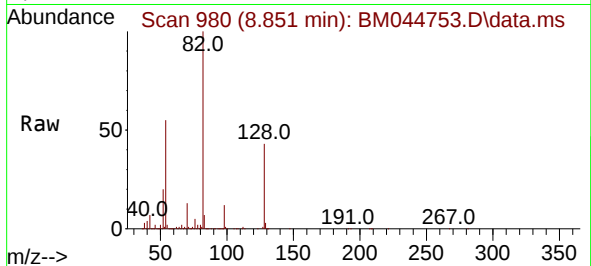




#23  
Nitrobenzene-d5  
Concen: 88.138 ng  
RT: 8.851 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

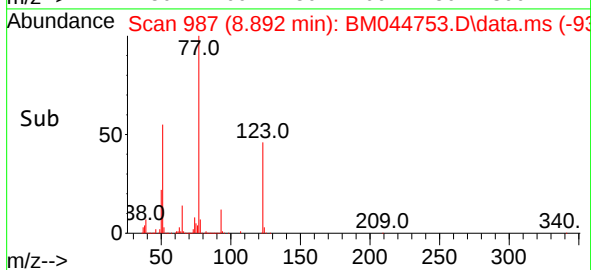
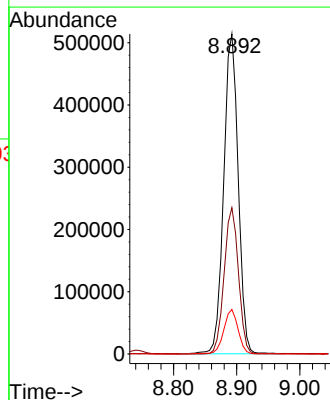
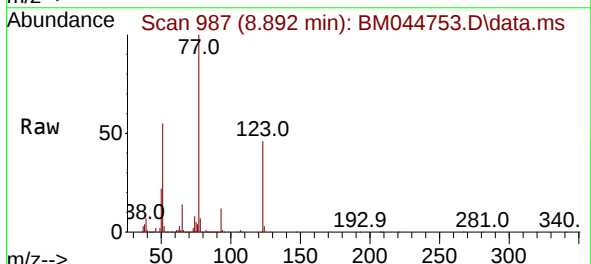
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

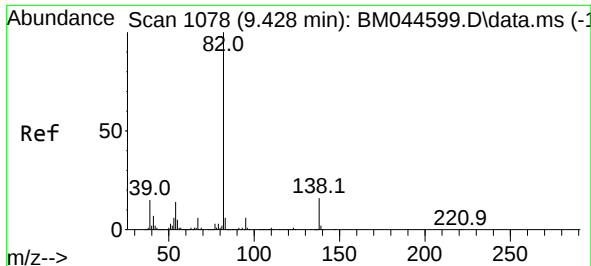
Tgt Ion: 82 Resp: 1628044  
Ion Ratio Lower Upper  
82 100  
128 43.2 34.2 51.4  
54 55.3 41.3 61.9



#24  
Nitrobenzene  
Concen: 44.795 ng  
RT: 8.892 min Scan# 987  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 77 Resp: 817926  
Ion Ratio Lower Upper  
77 100  
123 45.7 35.9 53.9  
65 13.9 10.7 16.1





#25

Isophorone

Concen: 45.606 ng

RT: 9.410 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

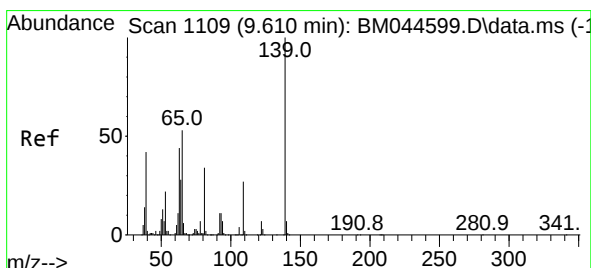
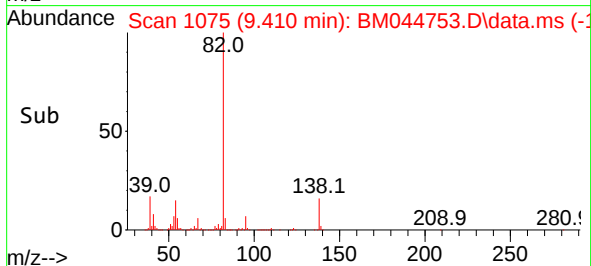
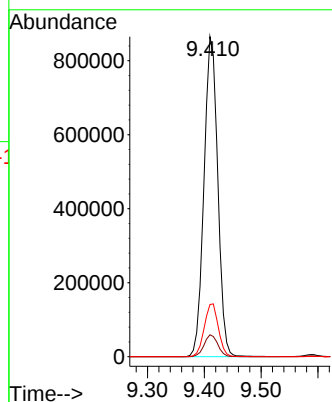
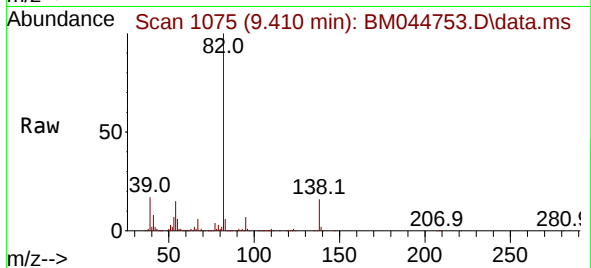
Tgt Ion: 82 Resp: 1453471

Ion Ratio Lower Upper

82 100

95 6.8 4.9 7.3

138 16.3 12.9 19.3



#26

2-Nitrophenol

Concen: 50.728 ng

RT: 9.592 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

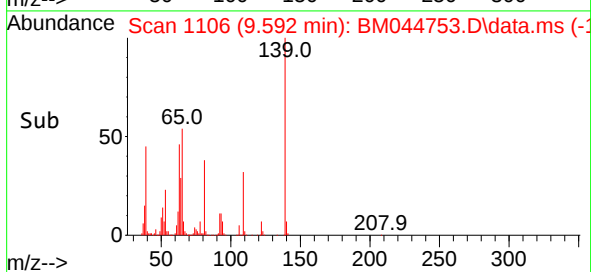
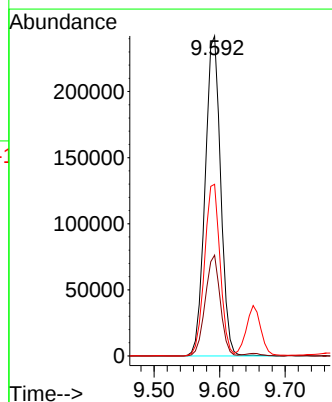
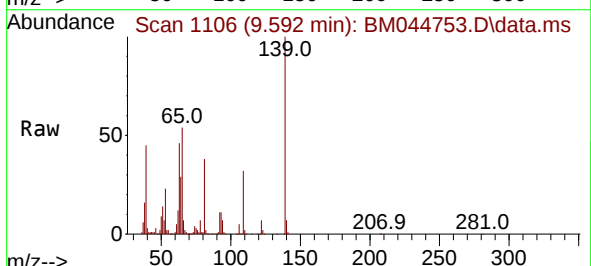
Tgt Ion:139 Resp: 399687

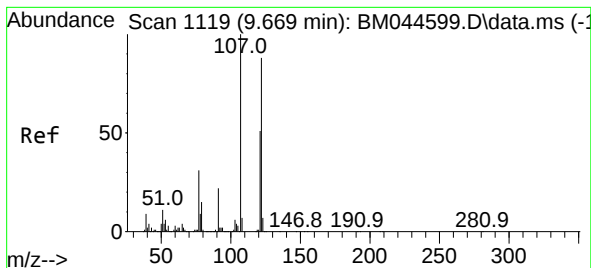
Ion Ratio Lower Upper

139 100

109 31.5 21.2 31.8

65 53.6 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 38.317 ng

RT: 9.651 min Scan# 1116

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

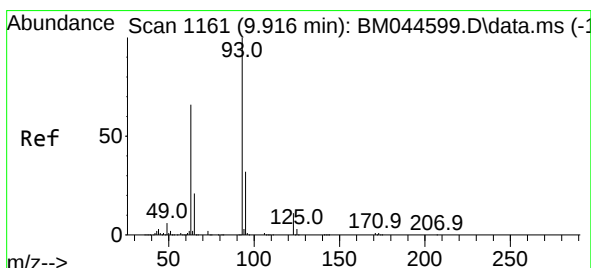
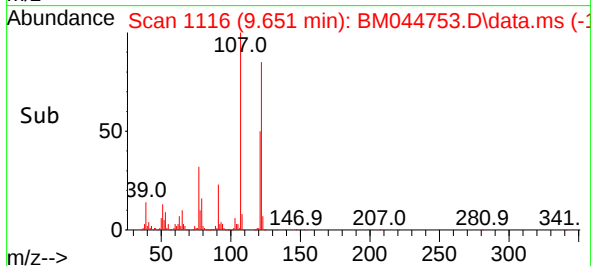
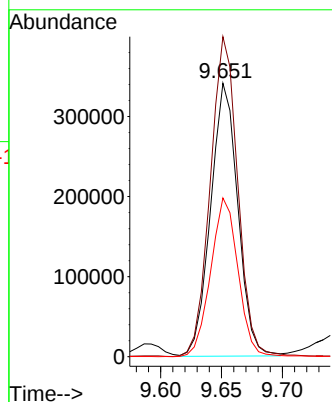
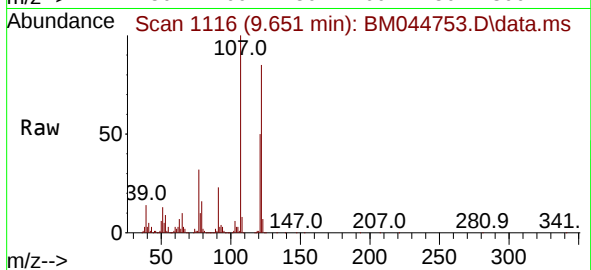
Tgt Ion:122 Resp: 530919

Ion Ratio Lower Upper

122 100

107 117.1 90.5 135.7

121 58.1 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.802 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

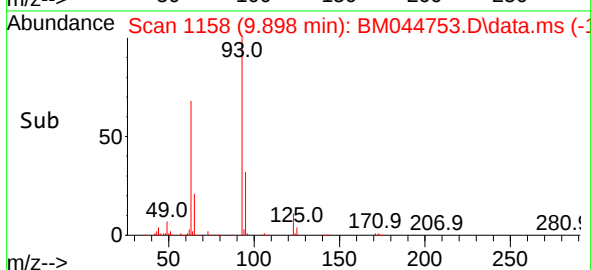
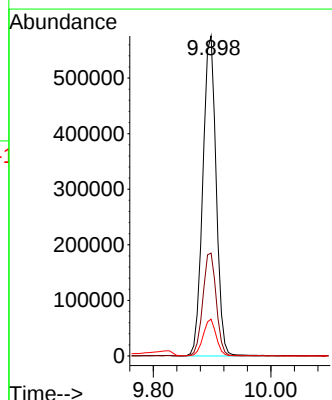
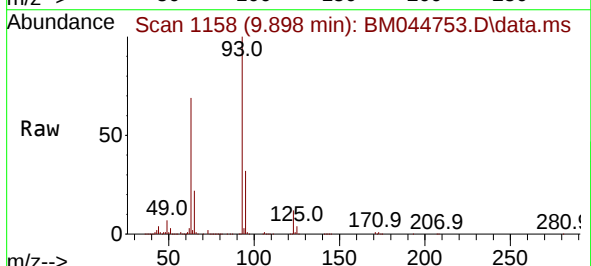
Tgt Ion: 93 Resp: 905842

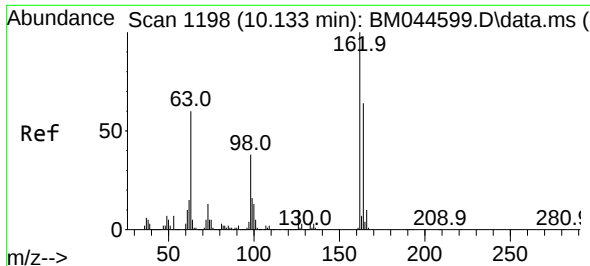
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.155 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

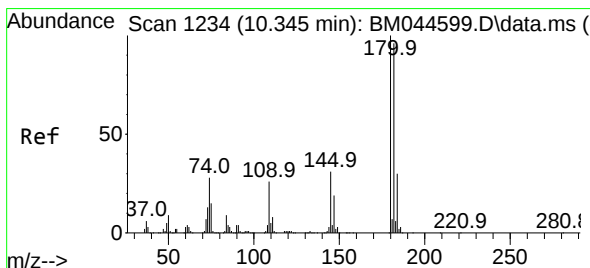
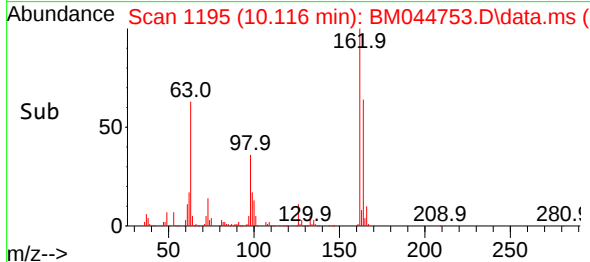
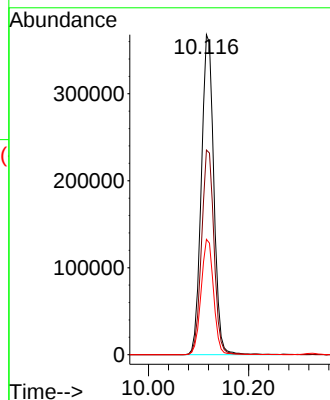
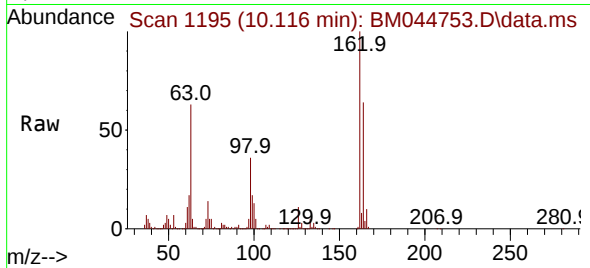
Tgt Ion:162 Resp: 635930

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

98 36.1 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 47.727 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

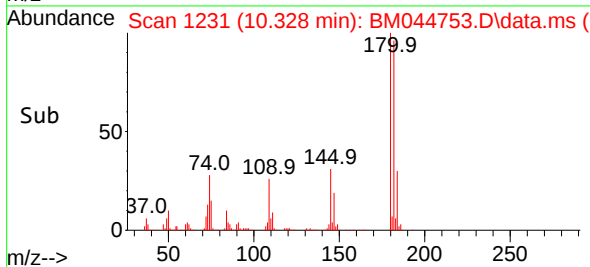
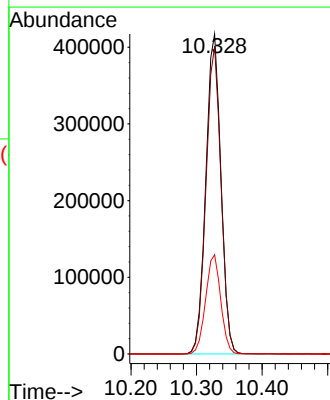
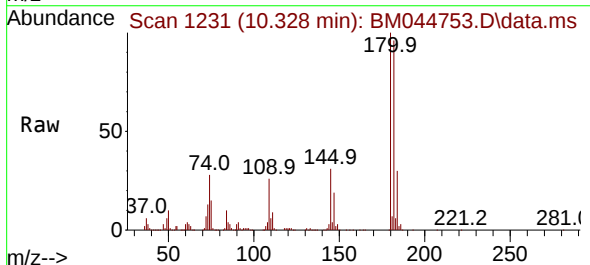
Tgt Ion:180 Resp: 670509

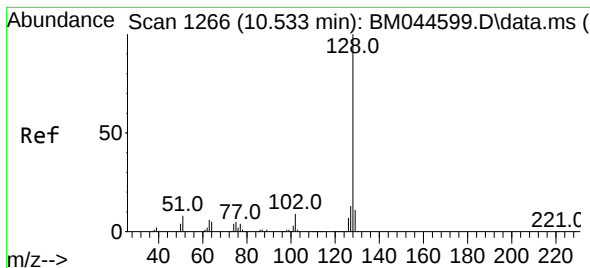
Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

145 31.0 24.6 36.8

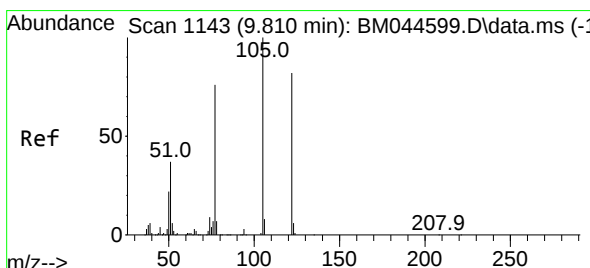
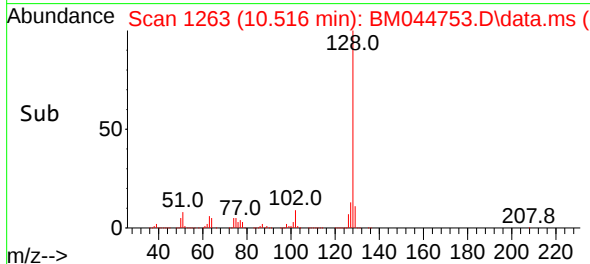
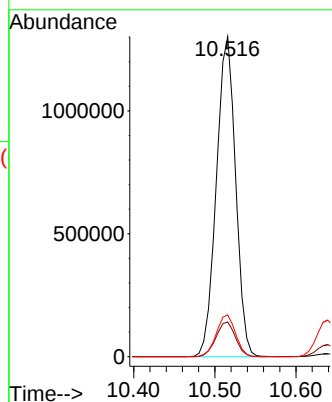
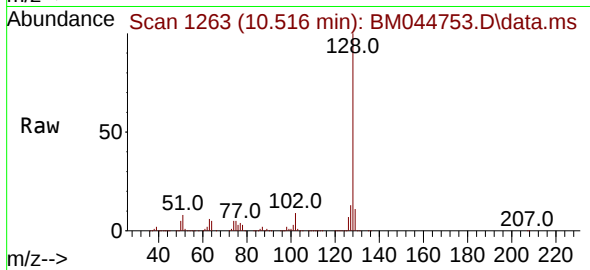




#31  
Naphthalene  
Concen: 43.938 ng  
RT: 10.516 min Scan# 1145  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

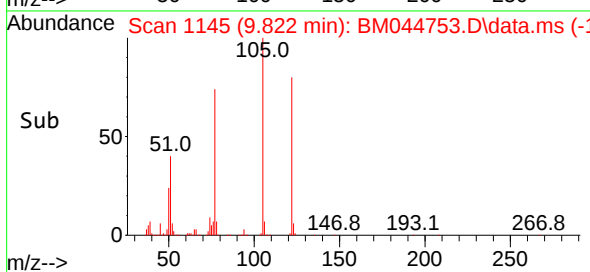
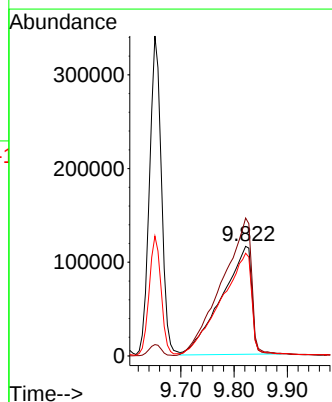
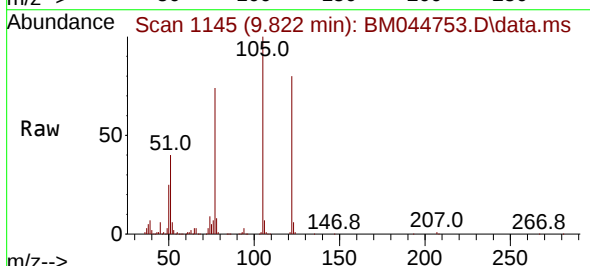
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

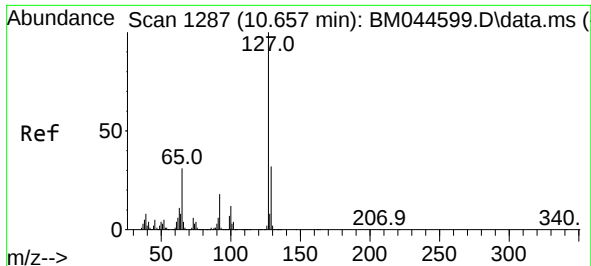
Tgt Ion:128 Resp: 2145808  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.0 10.2 15.4



#32  
Benzoic acid  
Concen: 41.380 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. 0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:122 Resp: 451611  
Ion Ratio Lower Upper  
122 100  
105 125.7 100.0 140.0  
77 93.6 72.5 112.5

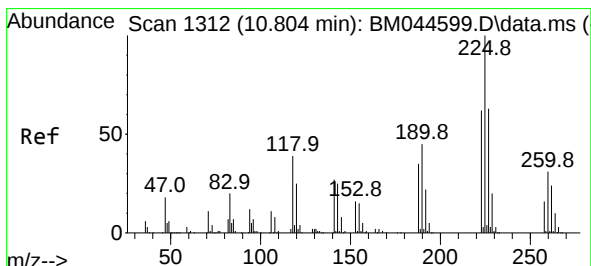
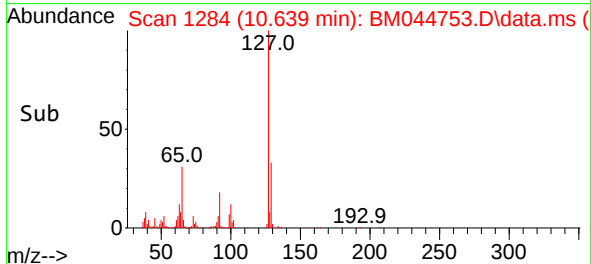
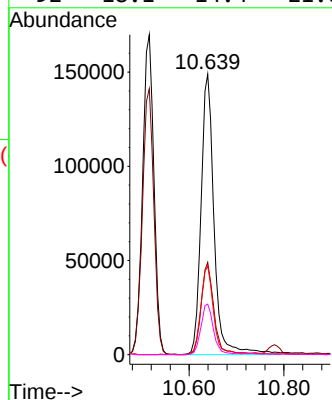
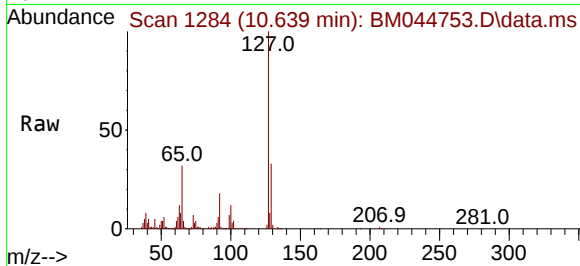




#33  
4-Chloroaniline  
Concen: 13.965 ng  
RT: 10.639 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

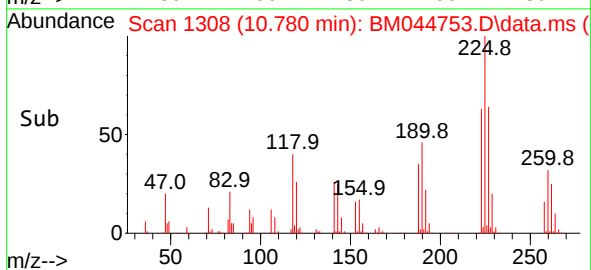
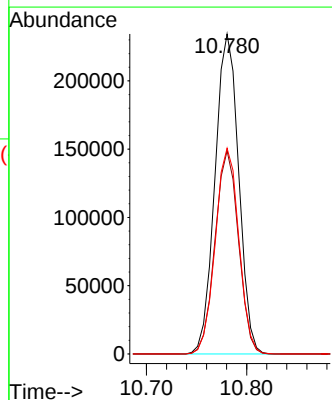
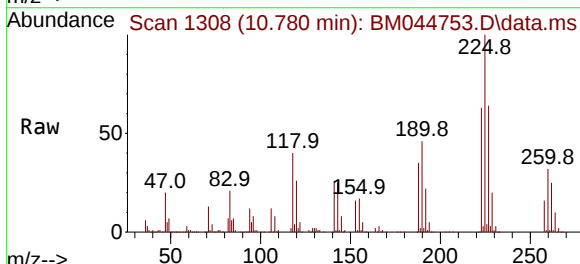
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

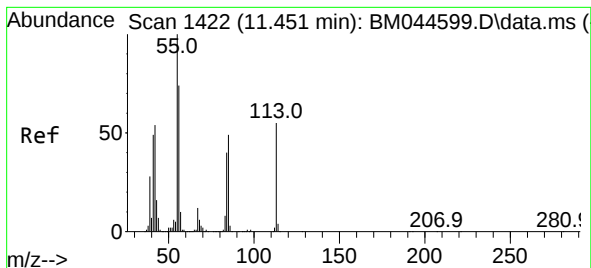
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 286114 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 32.9    | 25.6  | 38.4   |
| 65  | 31.6    | 25.1  | 37.7   |
| 92  | 18.1    | 14.4  | 21.6   |



#34  
Hexachlorobutadiene  
Concen: 49.115 ng  
RT: 10.780 min Scan# 1308  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 384721 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.5    | 49.9  | 74.9   |
| 227 | 64.3    | 50.6  | 75.8   |

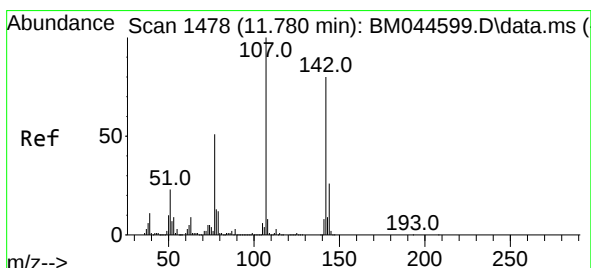
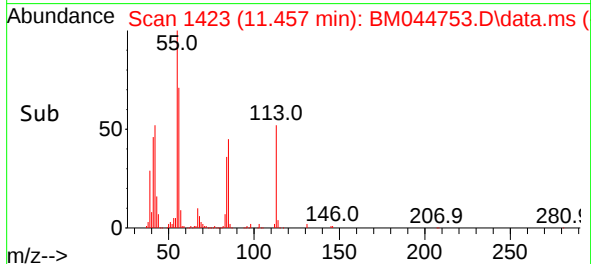
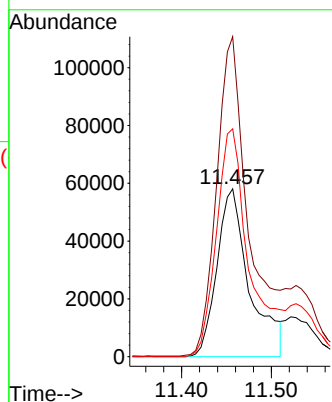
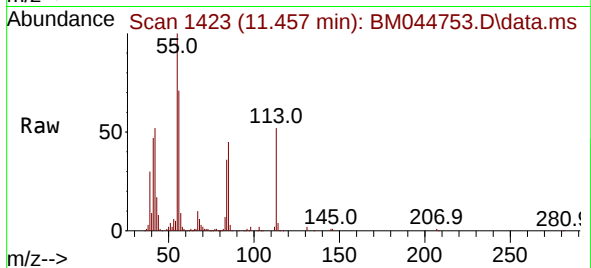




#35  
Caprolactam  
Concen: 34.276 ng  
RT: 11.457 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

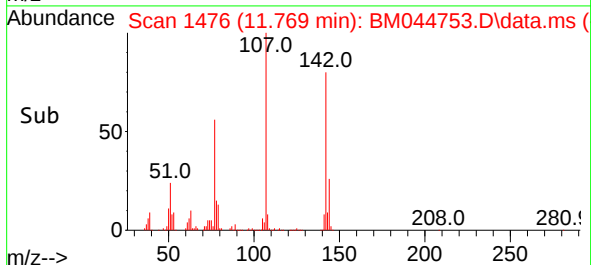
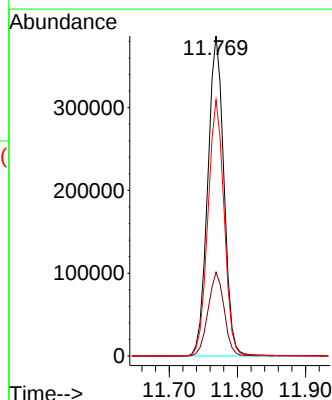
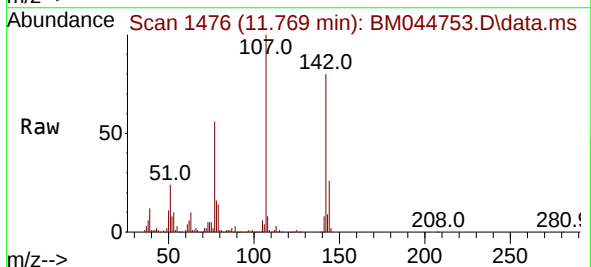
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

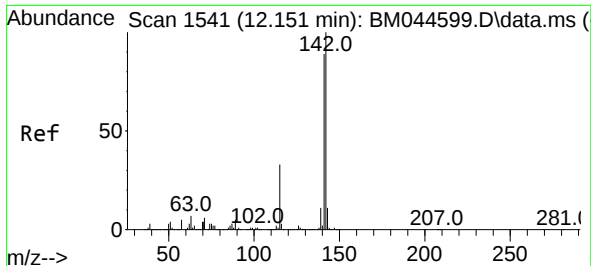
Tgt Ion:113 Resp: 146008  
Ion Ratio Lower Upper  
113 100  
55 190.7 161.1 201.1  
56 135.7 113.2 153.2



#36  
4-Chloro-3-methylphenol  
Concen: 43.947 ng  
RT: 11.769 min Scan# 1476  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:107 Resp: 636840  
Ion Ratio Lower Upper  
107 100  
144 26.1 20.8 31.2  
142 80.0 63.8 95.8

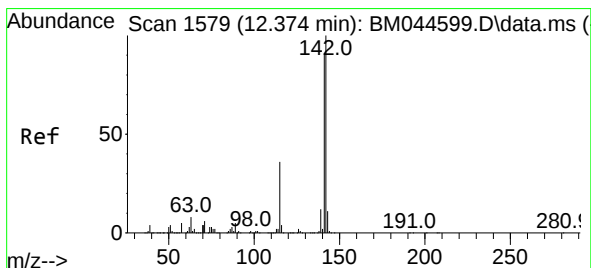
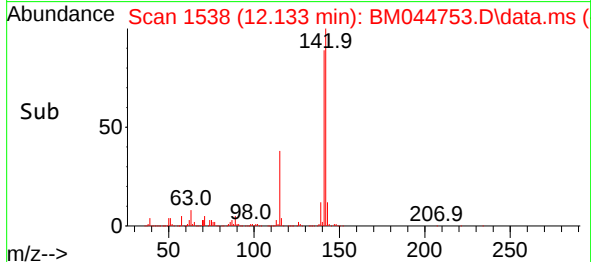
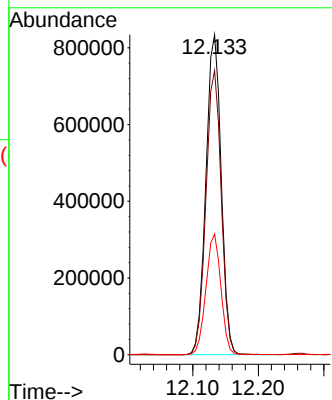
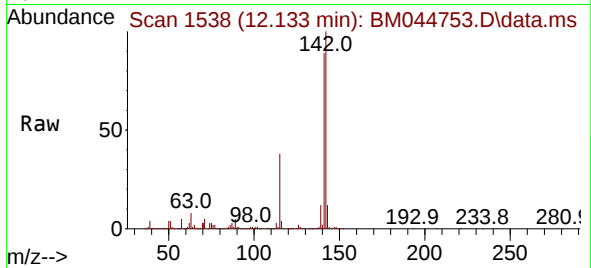




#37  
2-Methylnaphthalene  
Concen: 40.826 ng  
RT: 12.133 min Scan# 1538  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

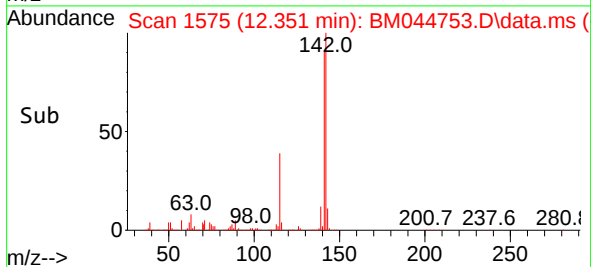
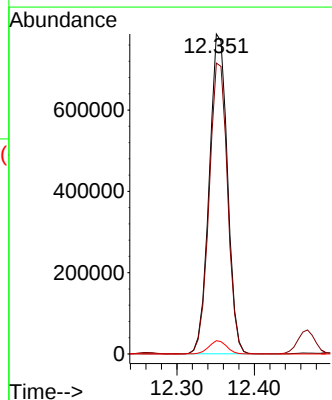
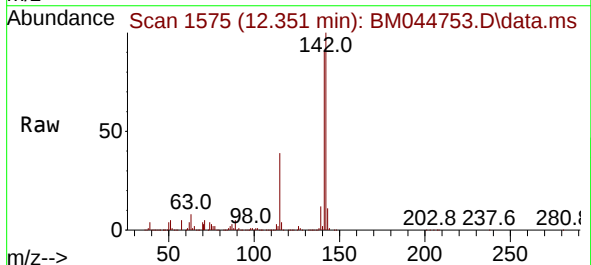
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BNA\_M  
ClientSampleId :  
PB159758BS

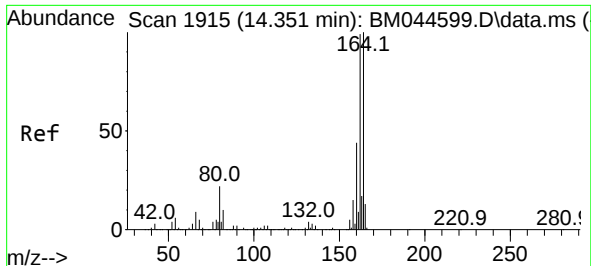
Tgt Ion:142 Resp: 1353266  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.0 106.6  
115 37.7 26.6 40.0



#38  
1-Methylnaphthalene  
Concen: 41.679 ng  
RT: 12.351 min Scan# 1575  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:142 Resp: 1287580  
Ion Ratio Lower Upper  
142 100  
141 90.9 72.9 109.3  
116 4.2 2.9 4.3

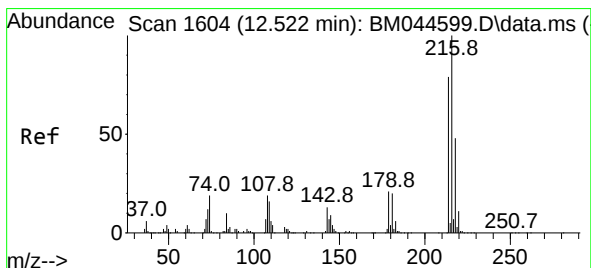
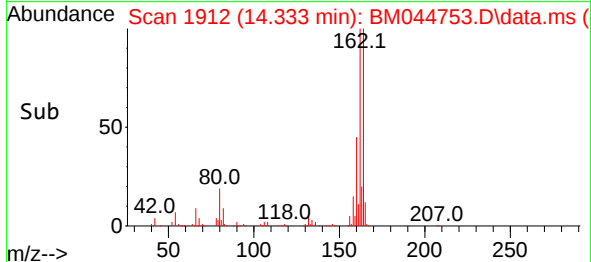
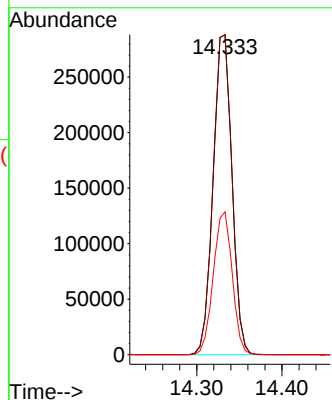
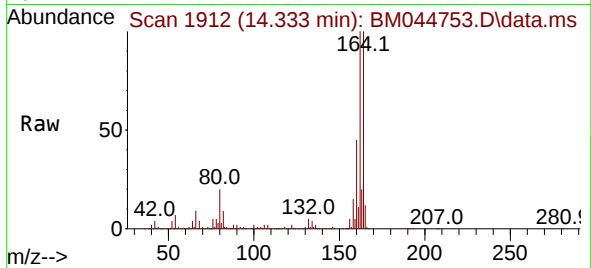




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.333 min Scan# 1915  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

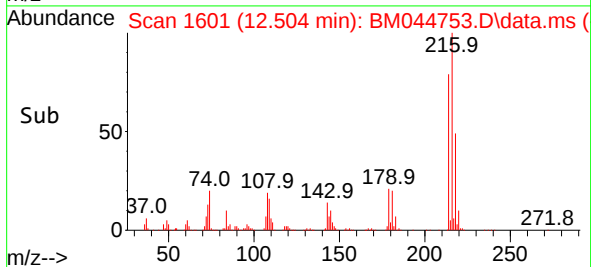
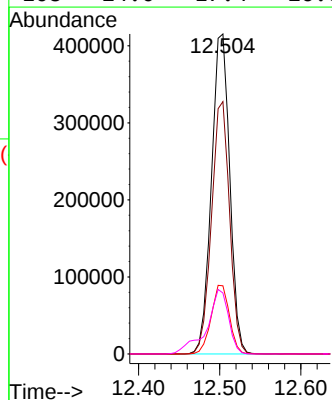
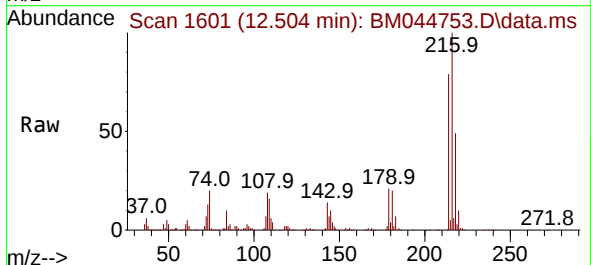
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BNA\_M  
ClientSampleId :  
PB159758BS

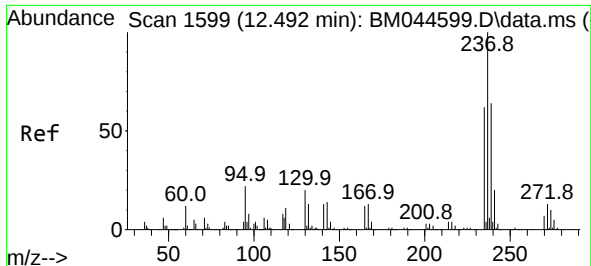
Tgt Ion:164 Resp: 441691  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.3 118.9  
160 44.6 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.879 ng  
RT: 12.504 min Scan# 1601  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:216 Resp: 650260  
Ion Ratio Lower Upper  
216 100  
214 77.8 62.9 94.3  
179 21.3 16.9 25.3  
108 24.0 17.4 26.0

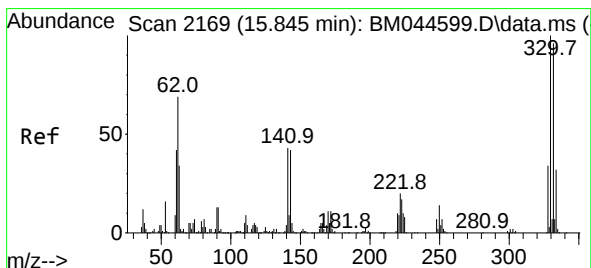
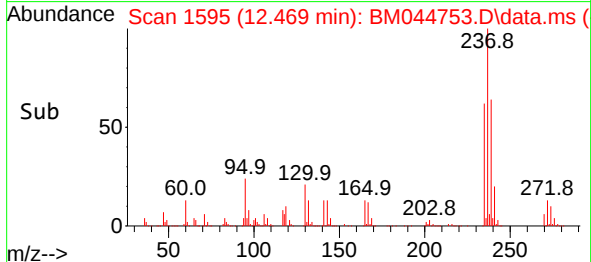
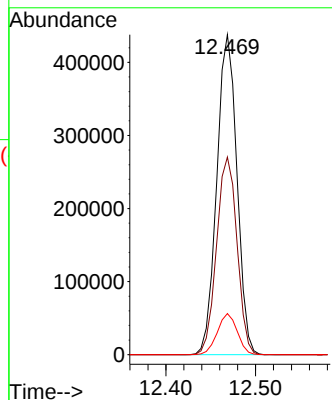
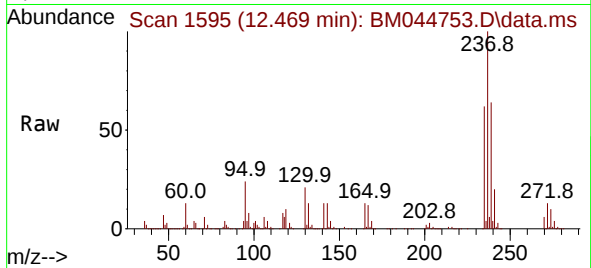




#41  
Hexachlorocyclopentadiene  
Concen: 95.639 ng  
RT: 12.469 min Scan# 1595  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

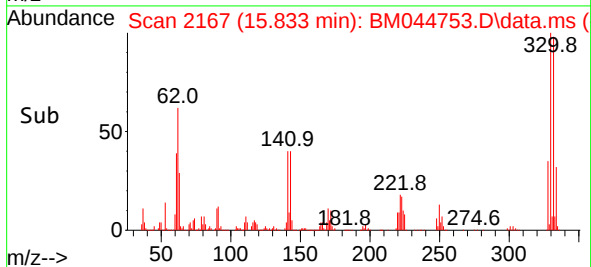
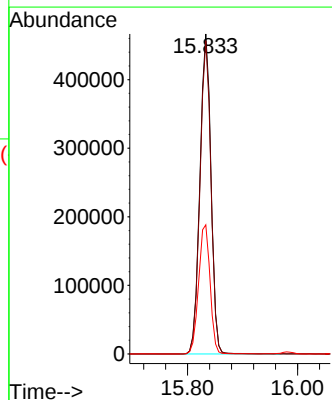
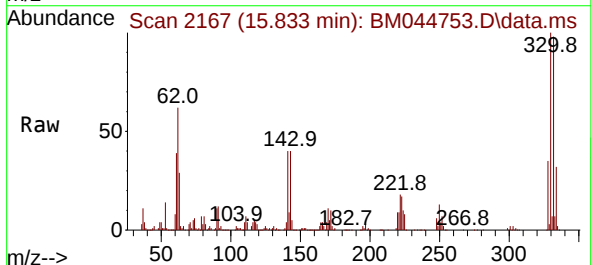
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

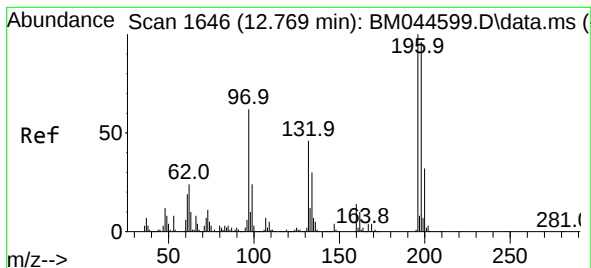
Tgt Ion:237 Resp: 682918  
Ion Ratio Lower Upper  
237 100  
235 61.8 42.1 82.1  
272 12.8 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 134.425 ng  
RT: 15.833 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:330 Resp: 654879  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 41.6 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 52.015 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

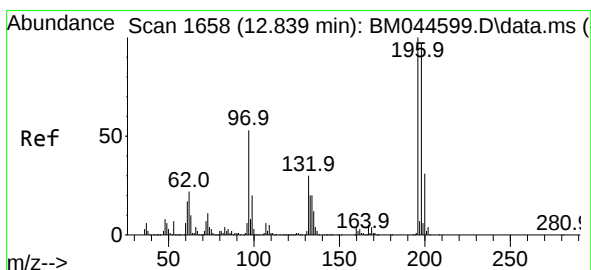
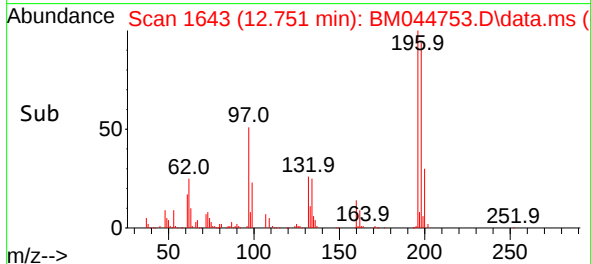
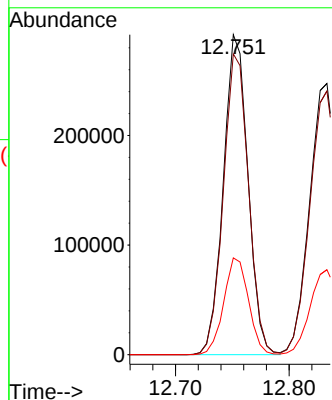
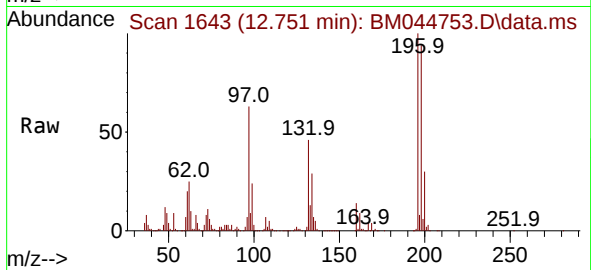
Tgt Ion:196 Resp: 440237

Ion Ratio Lower Upper

196 100

198 94.0 76.9 115.3

200 30.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 45.135 ng

RT: 12.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:196 Resp: 452639

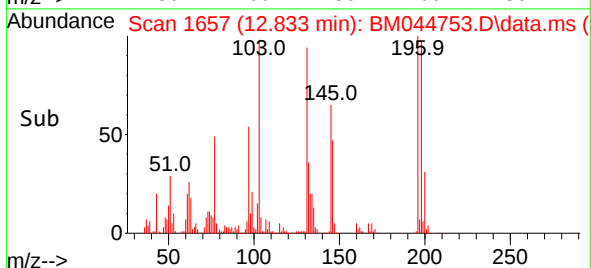
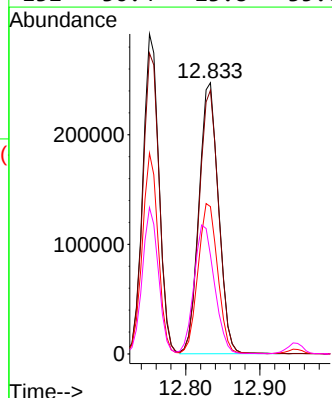
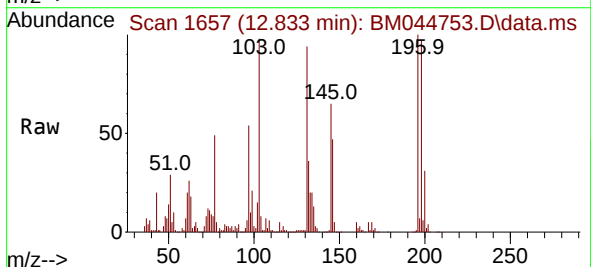
Ion Ratio Lower Upper

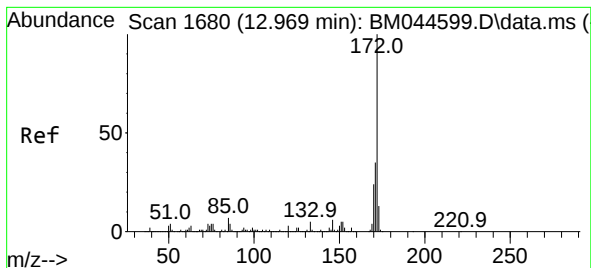
196 100

198 97.2 77.7 116.5

97 54.3 42.8 64.2

132 36.4 23.8 35.6#





#45

2-Fluorobiphenyl

Concen: 91.024 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

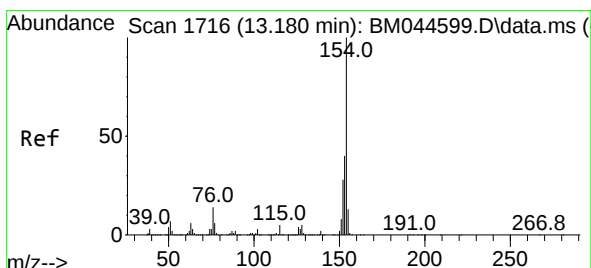
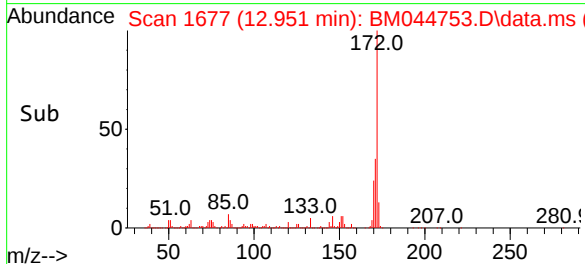
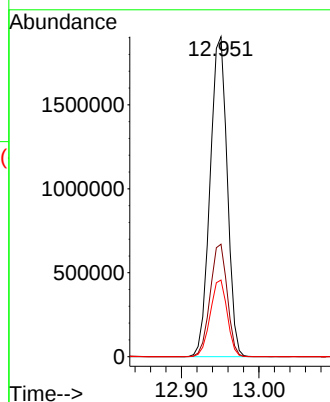
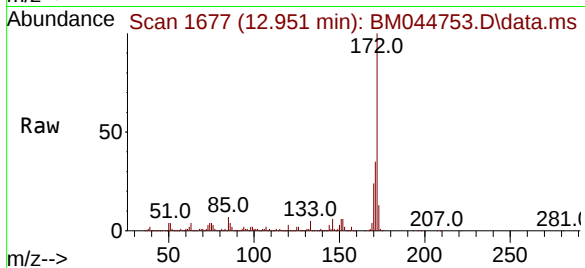
Tgt Ion:172 Resp: 2919242

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.671 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

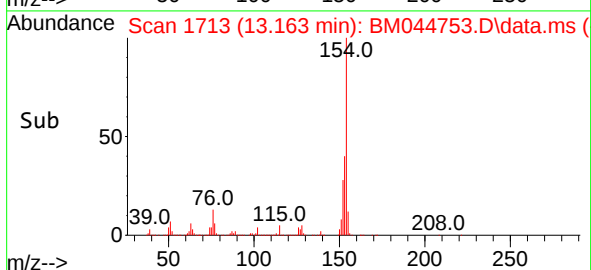
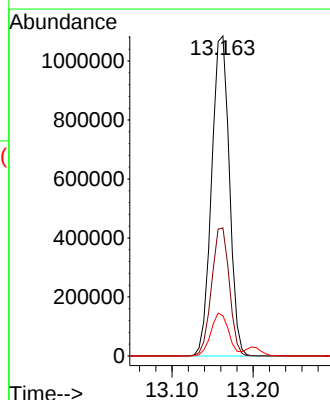
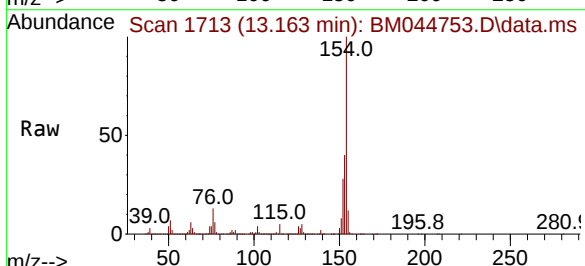
Tgt Ion:154 Resp: 1646810

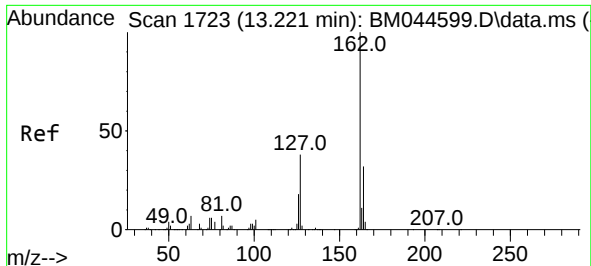
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 12.6 0.0 34.0

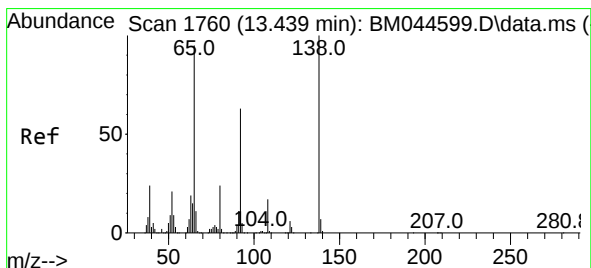
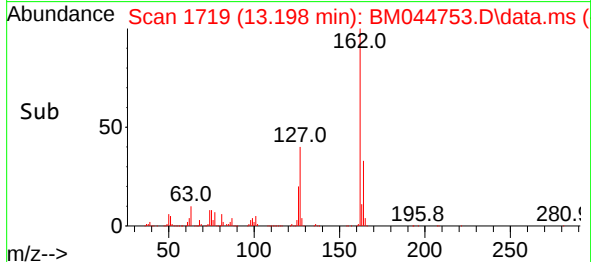
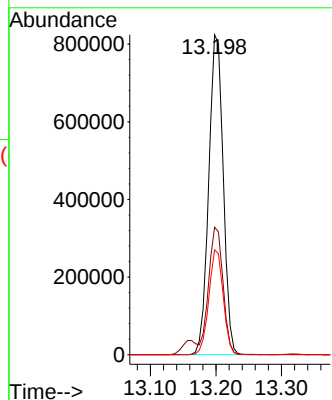
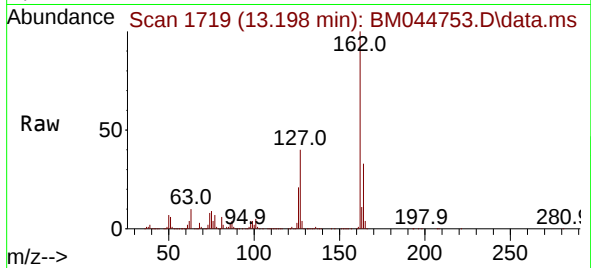




#47  
2-Chloronaphthalene  
Concen: 49.619 ng  
RT: 13.198 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

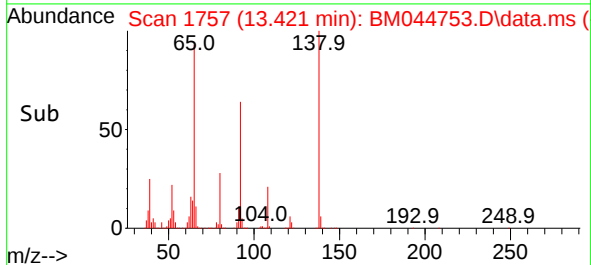
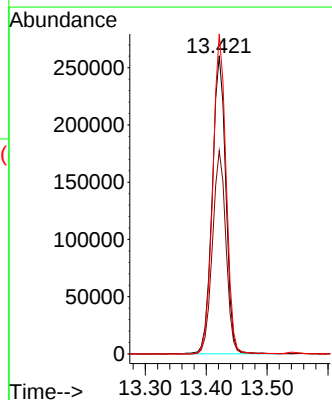
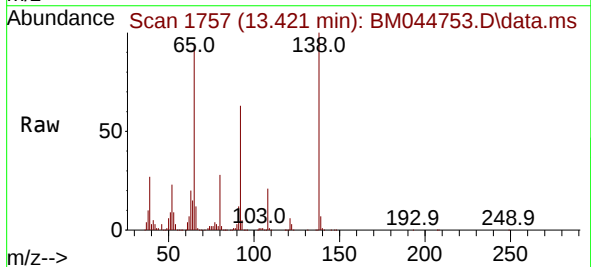
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

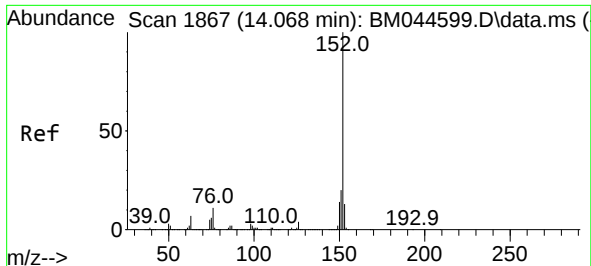
Tgt Ion:162 Resp: 1267541  
Ion Ratio Lower Upper  
162 100  
127 39.8 31.4 47.0  
164 32.8 25.8 38.8



#48  
2-Nitroaniline  
Concen: 46.590 ng  
RT: 13.421 min Scan# 1757  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 65 Resp: 403821  
Ion Ratio Lower Upper  
65 100  
92 68.1 53.3 79.9  
138 107.3 84.3 126.5

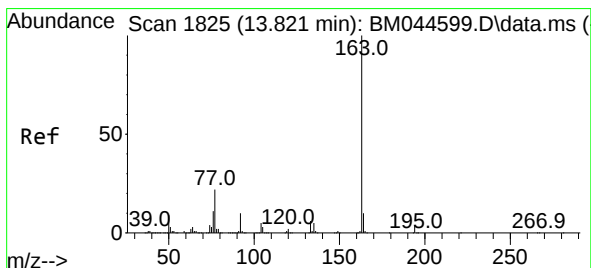
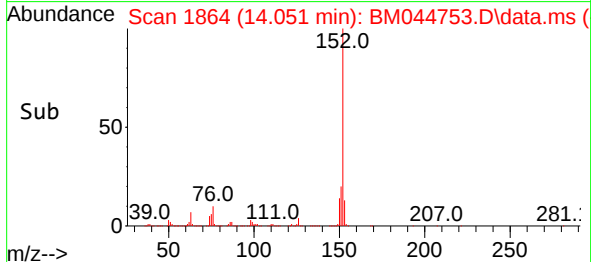
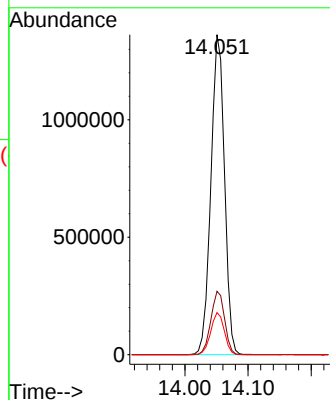
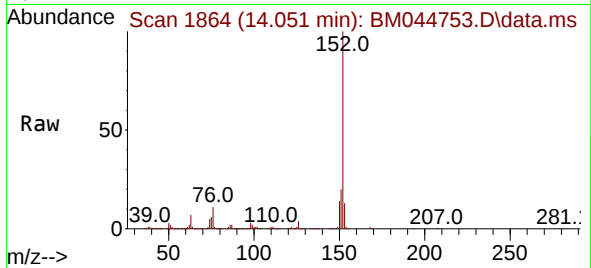




#49  
Acenaphthylene  
Concen: 48.980 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

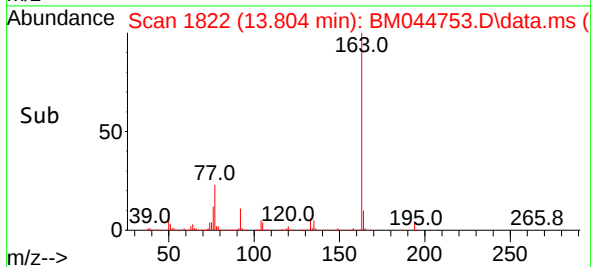
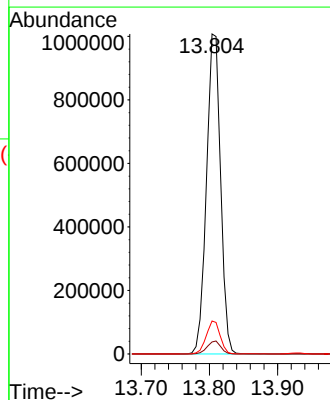
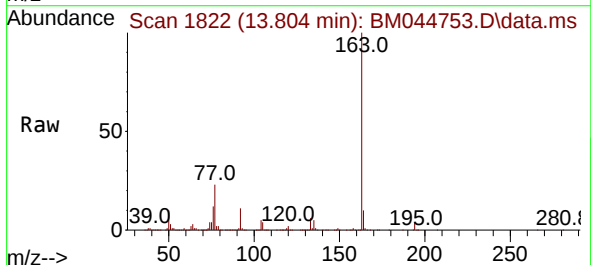
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

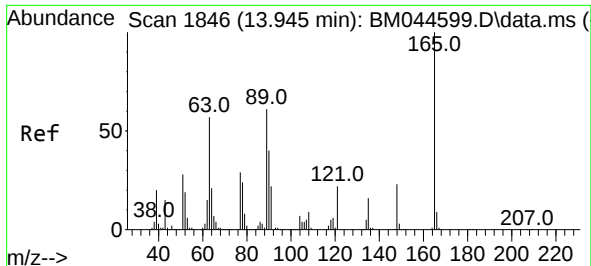
Tgt Ion:152 Resp: 2038257  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 13.1 10.6 15.8



#50  
Dimethylphthalate  
Concen: 43.837 ng  
RT: 13.804 min Scan# 1822  
Delta R.T. -0.017 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:163 Resp: 1448271  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.3 8.0 12.0

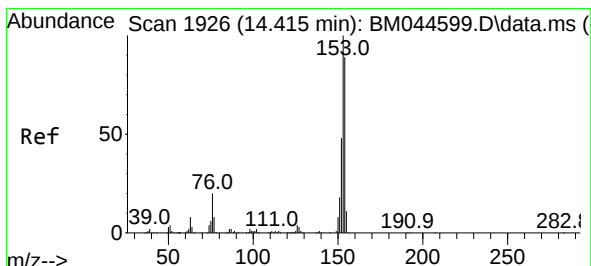
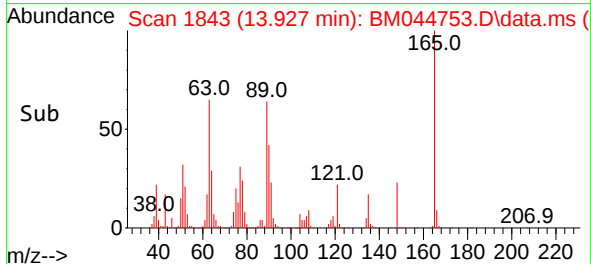
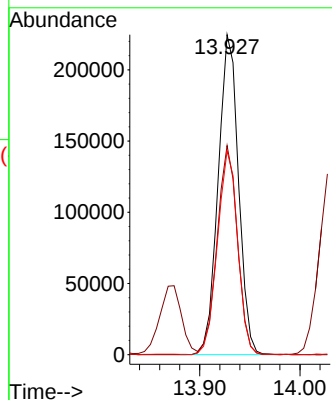
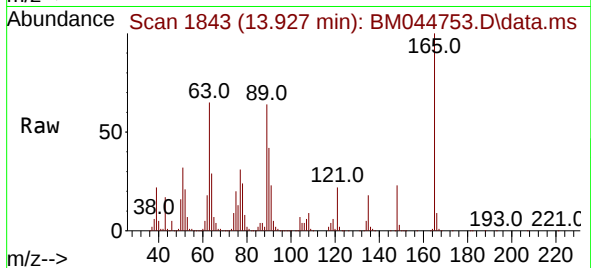




#51  
2,6-Dinitrotoluene  
Concen: 45.933 ng  
RT: 13.927 min Scan# 1843  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

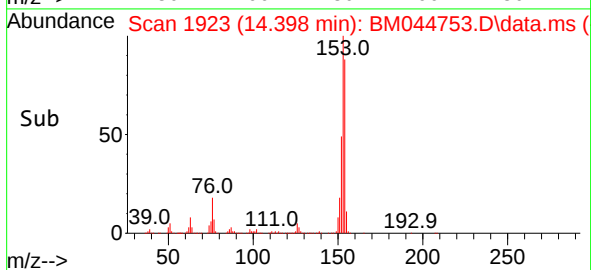
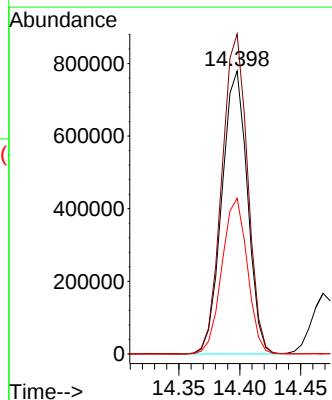
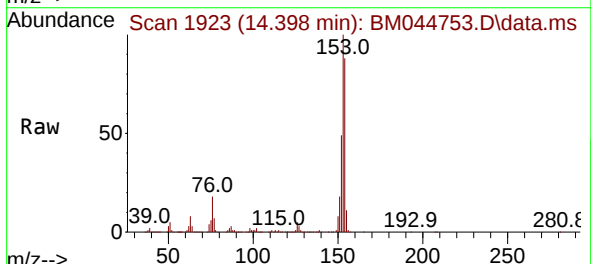
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

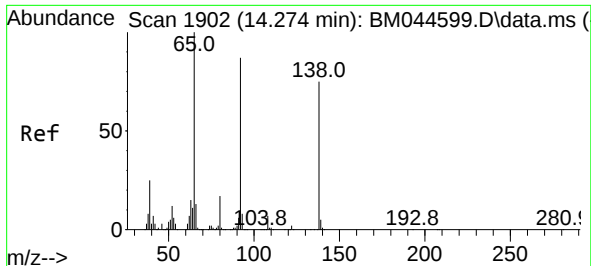
Tgt Ion:165 Resp: 316007  
Ion Ratio Lower Upper  
165 100  
63 65.3 50.4 75.6  
89 63.7 49.3 73.9



#52  
Acenaphthene  
Concen: 45.323 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:154 Resp: 1140147  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.3 135.5  
152 55.0 43.1 64.7

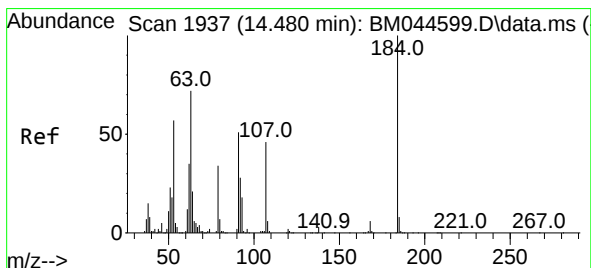
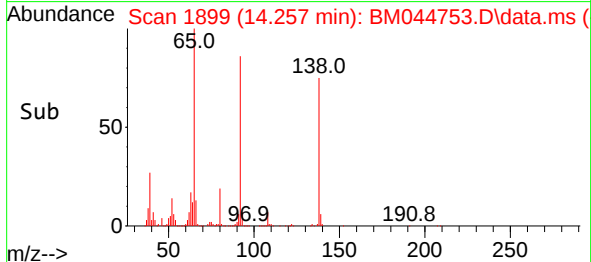
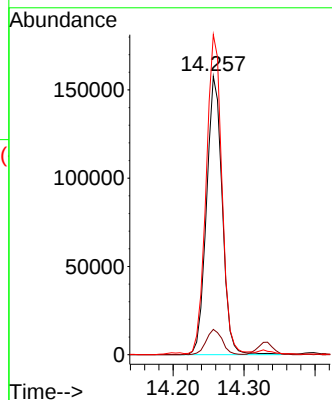
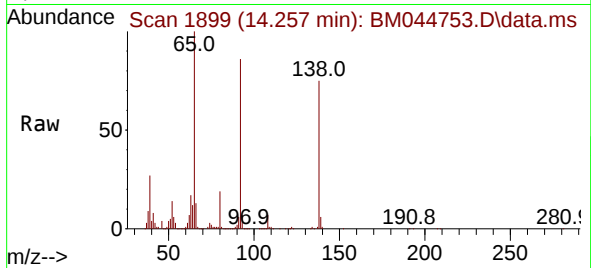




#53  
3-Nitroaniline  
Concen: 30.202 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. -0.017 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

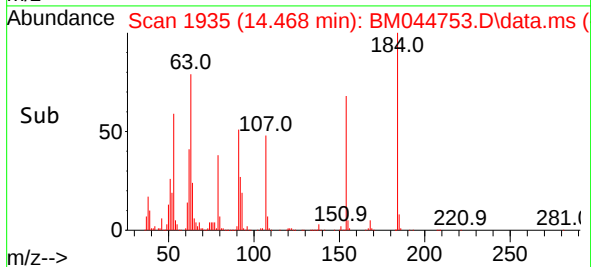
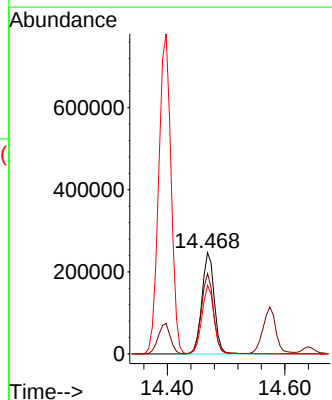
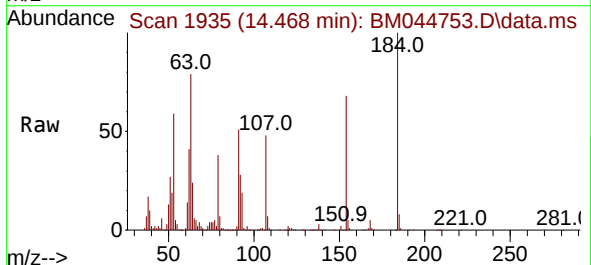
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

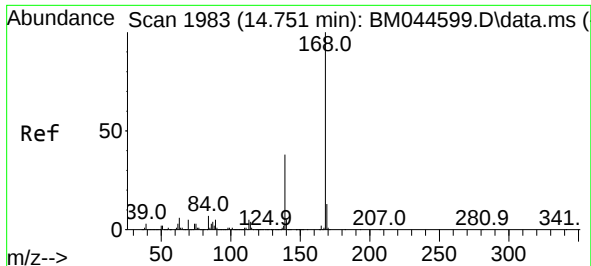
Tgt Ion:138 Resp: 243305  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.5 11.3  
92 115.0 92.8 139.2



#54  
2,4-Dinitrophenol  
Concen: 80.154 ng  
RT: 14.468 min Scan# 1935  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:184 Resp: 360826  
Ion Ratio Lower Upper  
184 100  
63 79.4 62.2 93.2  
154 67.6 47.9 71.9

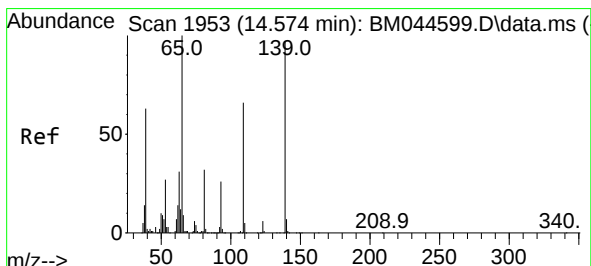
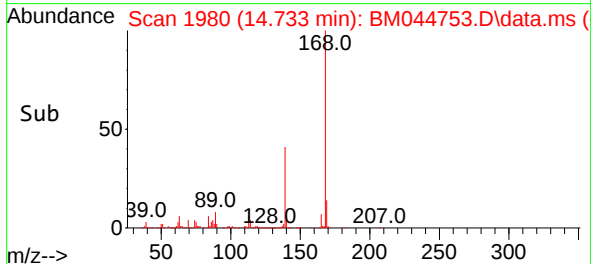
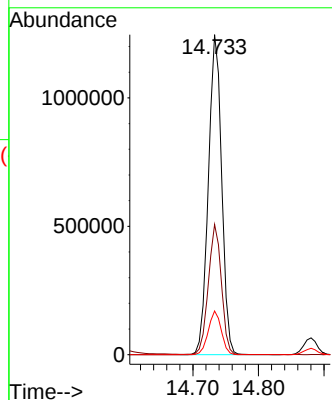
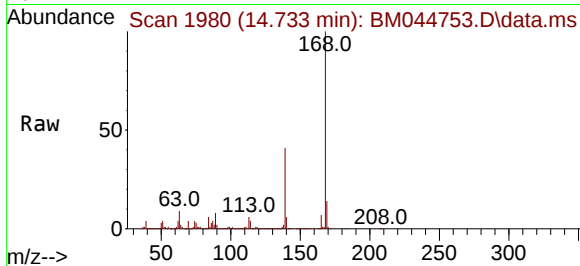




#55  
Dibenzenofuran  
Concen: 44.006 ng  
RT: 14.733 min Scan# 1980  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

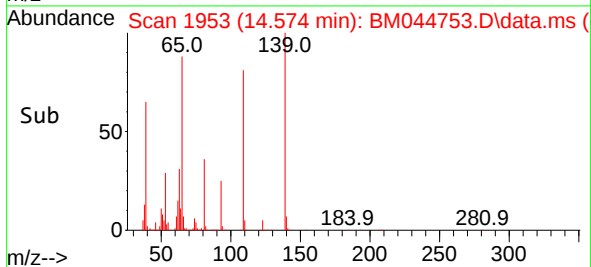
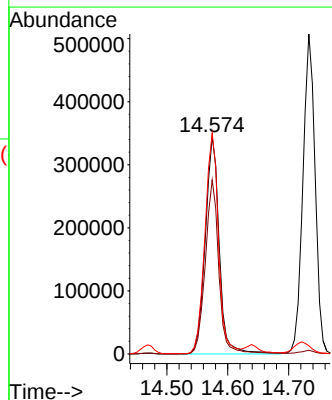
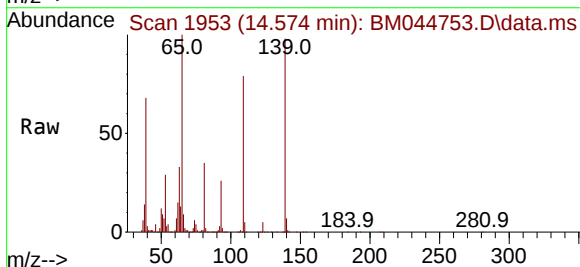
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

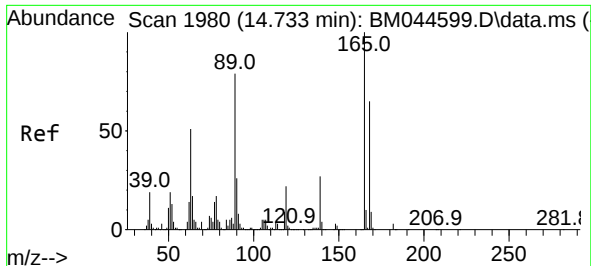
Tgt Ion:168 Resp: 1756928  
Ion Ratio Lower Upper  
168 100  
139 40.7 30.6 46.0  
169 13.7 10.6 16.0



#56  
4-Nitrophenol  
Concen: 82.824 ng  
RT: 14.574 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:139 Resp: 547988  
Ion Ratio Lower Upper  
139 100  
109 80.1 48.0 88.0  
65 101.6 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 45.295 ng

RT: 14.721 min Scan# 1980

Delta R.T. -0.012 min

Lab File: BM044753.D

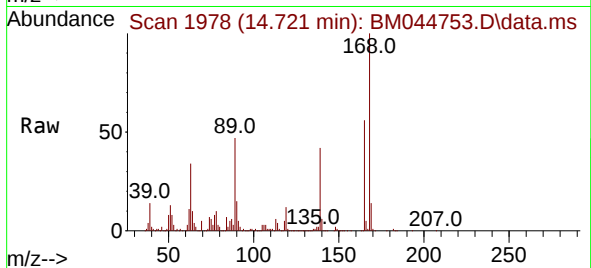
Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS



Tgt Ion:165 Resp: 407179

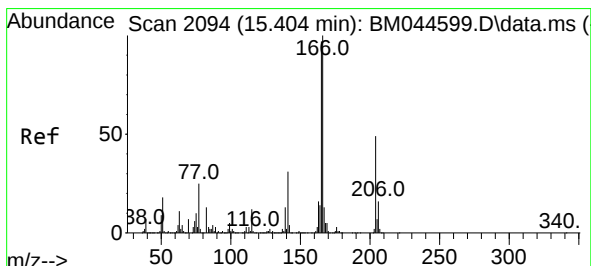
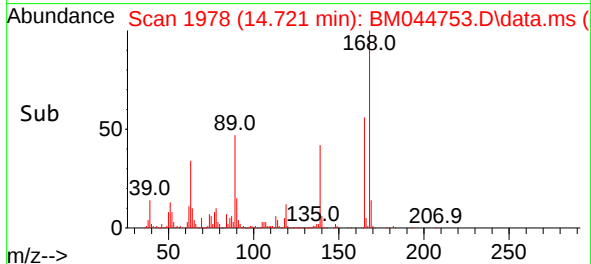
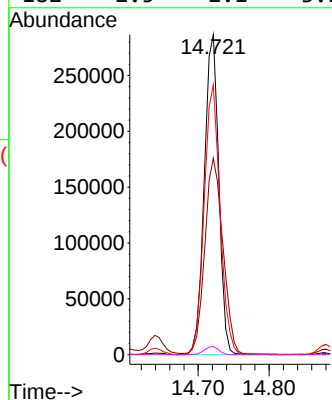
Ion Ratio Lower Upper

165 100

63 61.4 40.9 61.3#

89 84.3 63.4 95.0

182 2.5 2.1 3.1



#58

Fluorene

Concen: 43.867 ng

RT: 15.386 min Scan# 2091

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

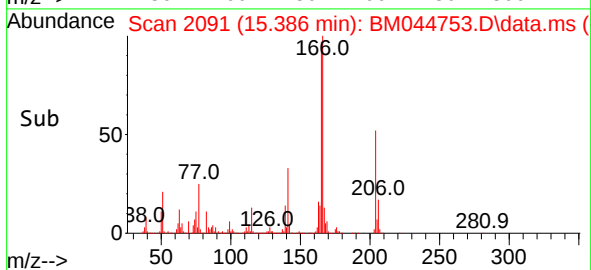
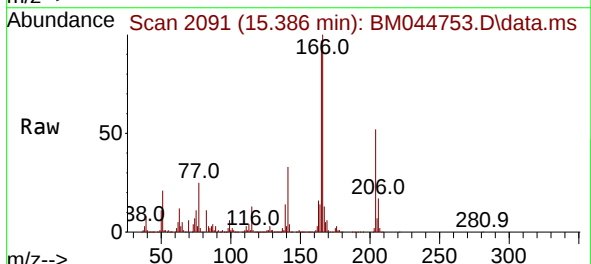
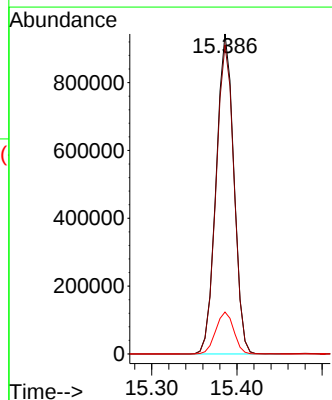
Tgt Ion:166 Resp: 1363877

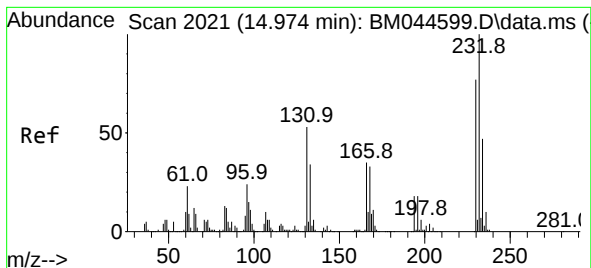
Ion Ratio Lower Upper

166 100

165 96.5 77.7 116.5

167 13.1 10.8 16.2

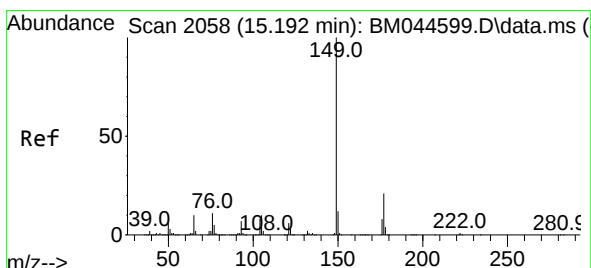
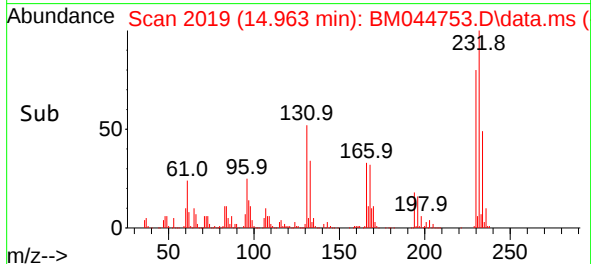
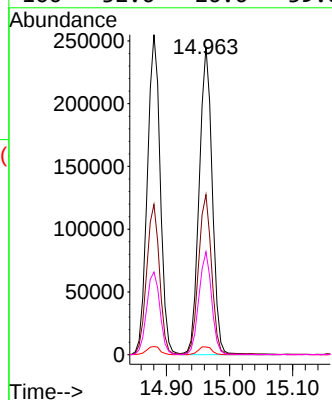
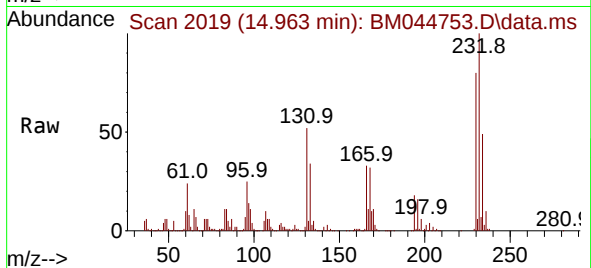




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.138 ng  
RT: 14.963 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

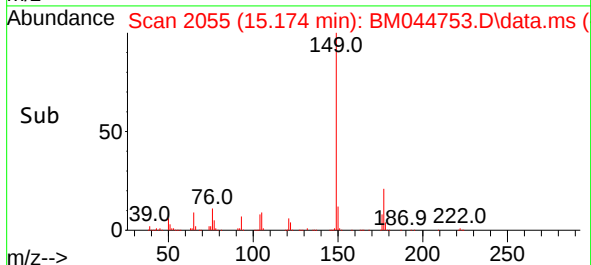
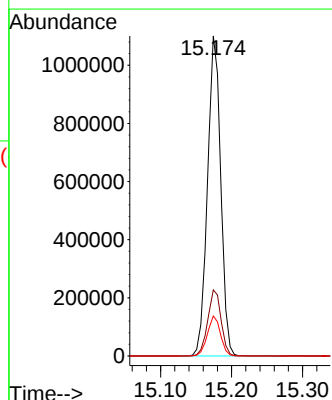
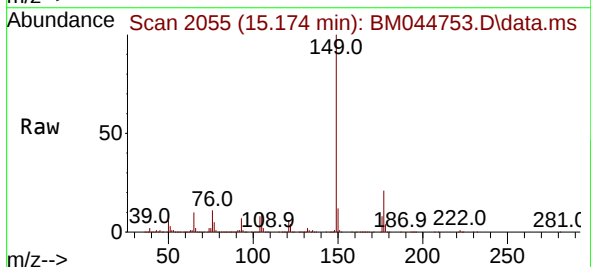
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

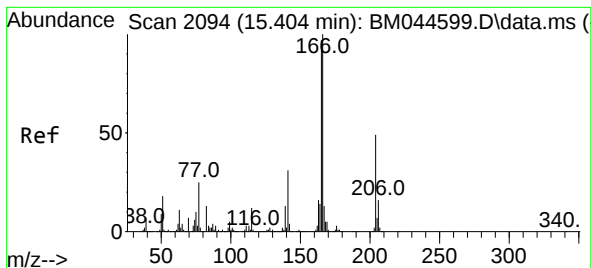
Tgt Ion:232 Resp: 351450  
Ion Ratio Lower Upper  
232 100  
131 51.4 41.0 61.4  
130 2.7 2.1 3.1  
166 32.6 26.6 39.8



#60  
Diethylphthalate  
Concen: 42.666 ng  
RT: 15.174 min Scan# 2055  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:149 Resp: 1426935  
Ion Ratio Lower Upper  
149 100  
177 20.6 16.8 25.2  
150 12.5 9.8 14.8

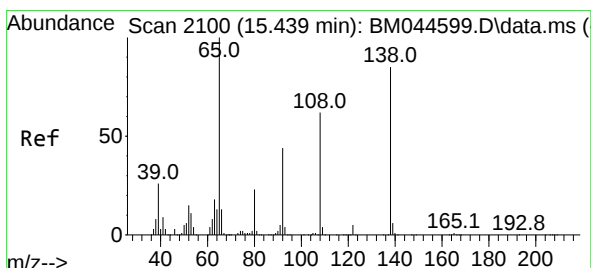
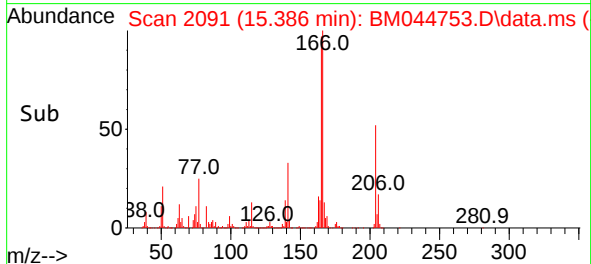
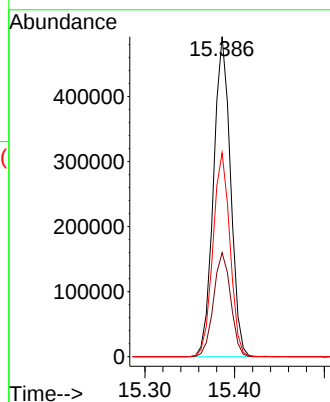
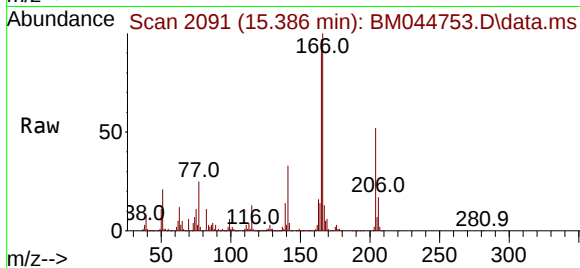




#61  
4-Chlorophenyl-phenylether  
Concen: 43.425 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

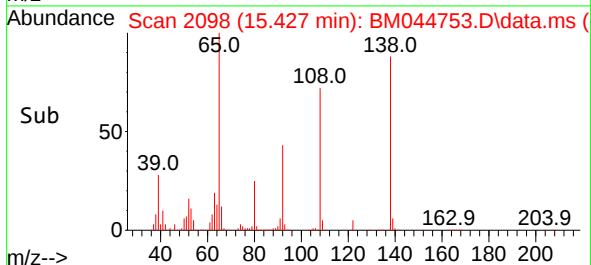
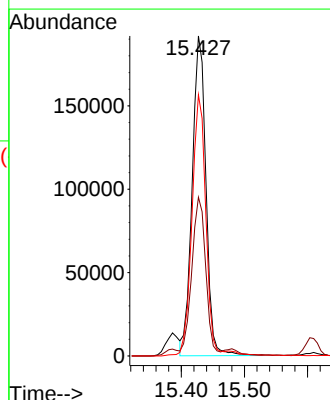
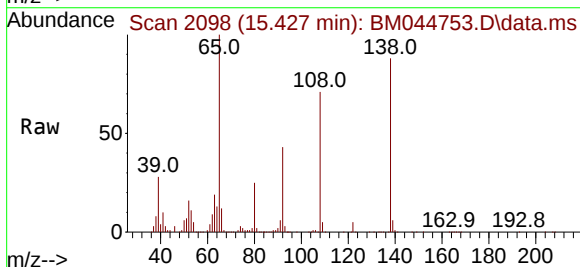
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

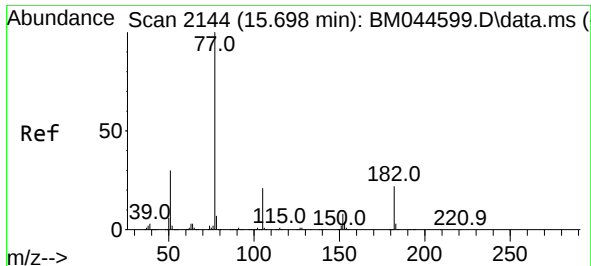
Tgt Ion:204 Resp: 648156  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.9 38.9  
141 63.7 49.8 74.8



#62  
4-Nitroaniline  
Concen: 36.216 ng  
RT: 15.427 min Scan# 2098  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:138 Resp: 291440  
Ion Ratio Lower Upper  
138 100  
92 49.6 31.9 71.9  
108 81.6 53.7 93.7



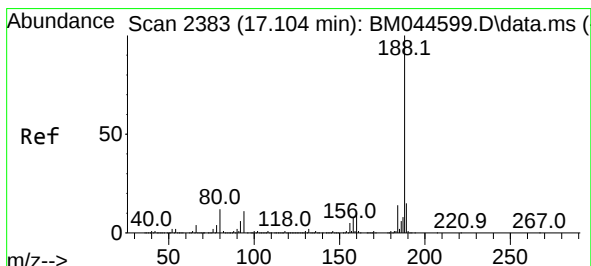
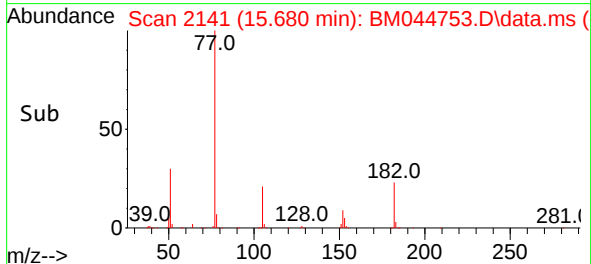
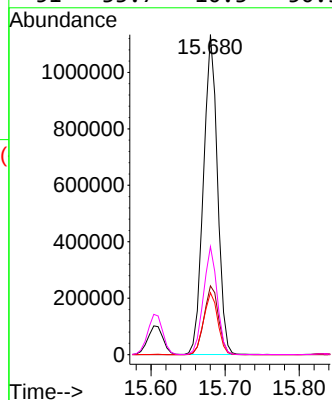
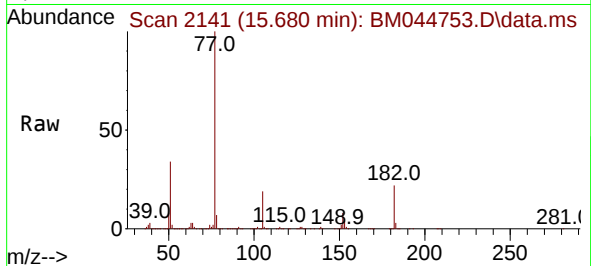


#63  
Azobenzene  
Concen: 43.144 ng  
RT: 15.680 min Scan# 2144  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

Tgt Ion: 77 Resp: 1491533

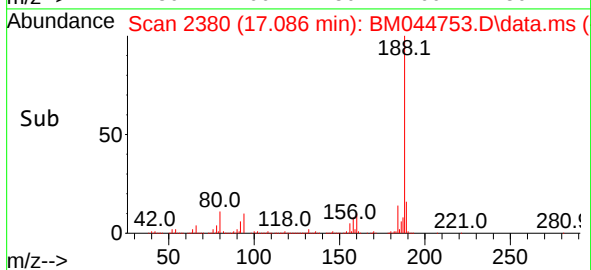
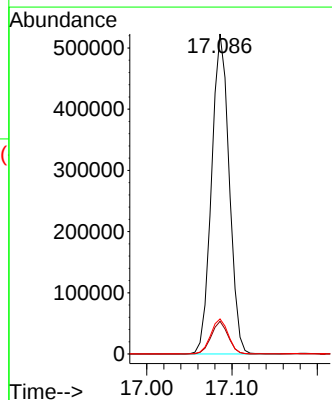
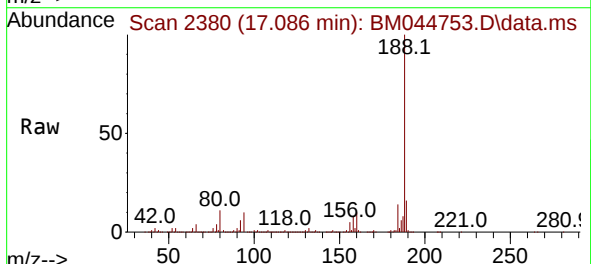
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 21.5  | 1.8   | 41.8  |
| 105 | 19.3  | 0.7   | 40.7  |
| 51  | 33.7  | 10.3  | 50.3  |

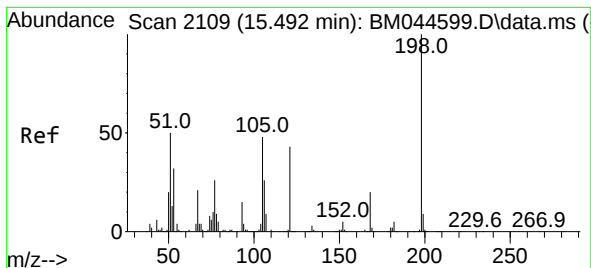


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion: 188 Resp: 751408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.2  | 8.4   | 12.6  |
| 80  | 11.0  | 9.4   | 14.0  |

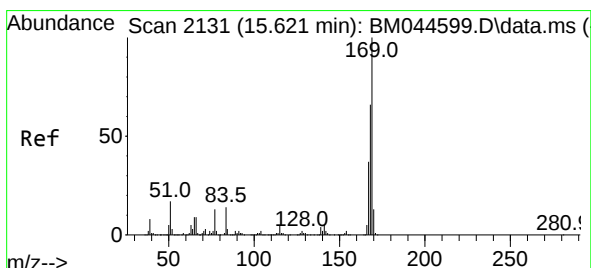
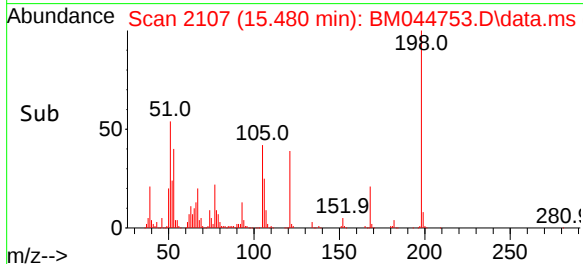
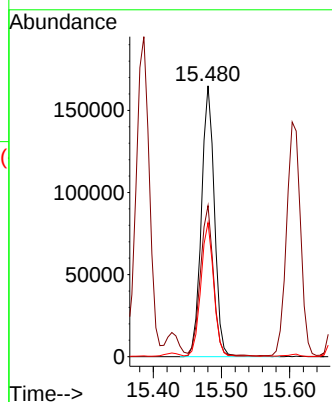
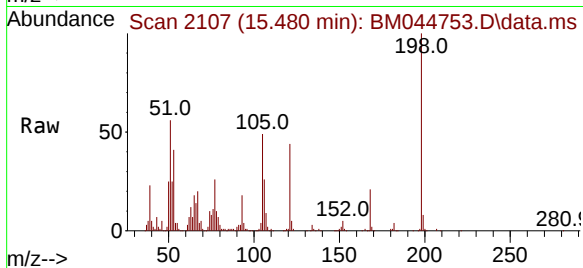




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.248 ng  
RT: 15.480 min Scan# 2109  
Delta R.T. -0.012 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

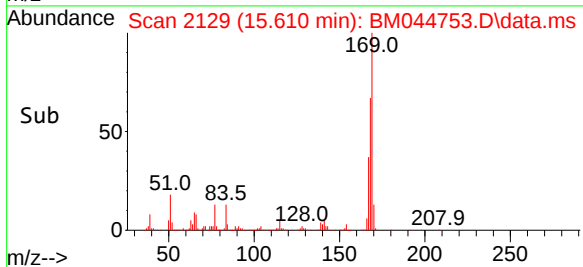
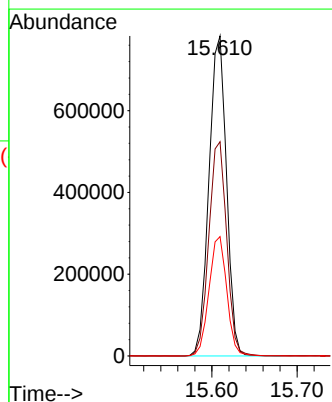
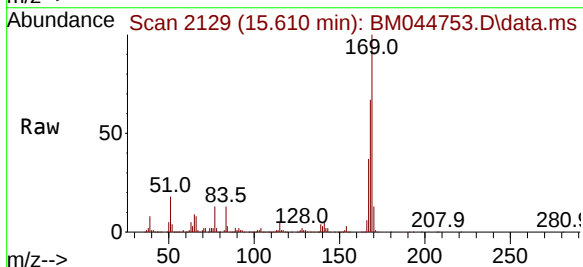
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

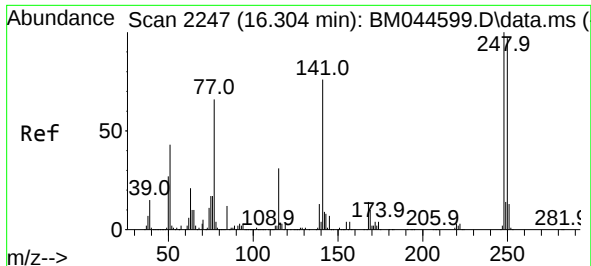
Tgt Ion:198 Resp: 217934  
Ion Ratio Lower Upper  
198 100  
51 55.7 35.0 75.0  
105 49.5 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 47.660 ng  
RT: 15.610 min Scan# 2129  
Delta R.T. -0.011 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:169 Resp: 1116123  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.1 79.7  
167 37.3 29.5 44.3

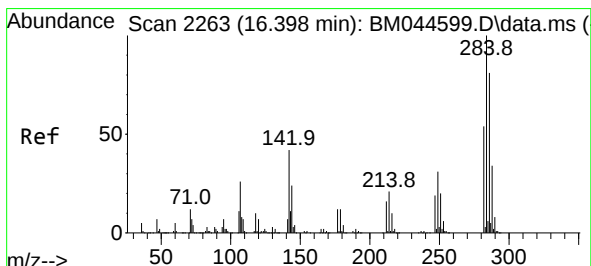
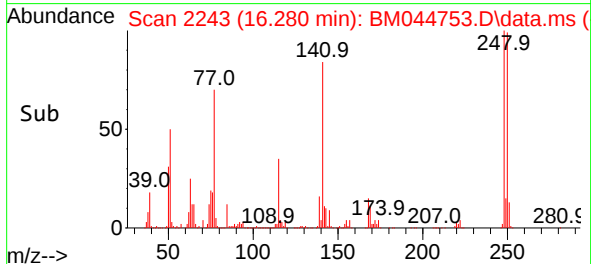
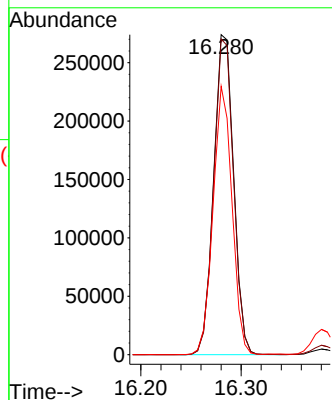
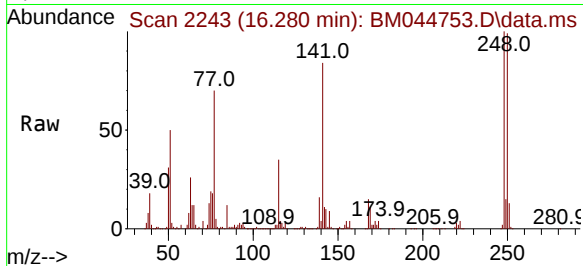




#67  
4-Bromophenyl-phenylether  
Concen: 48.726 ng  
RT: 16.280 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

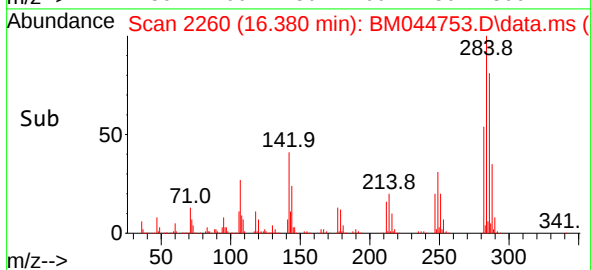
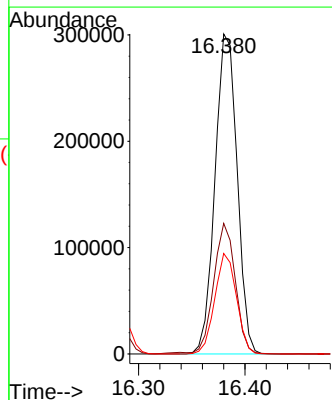
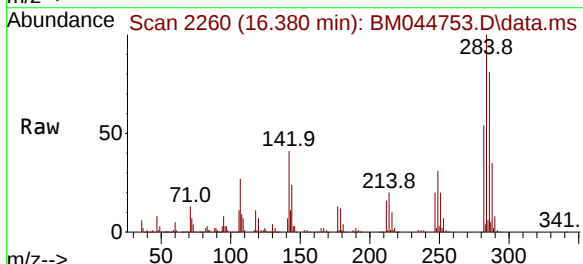
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

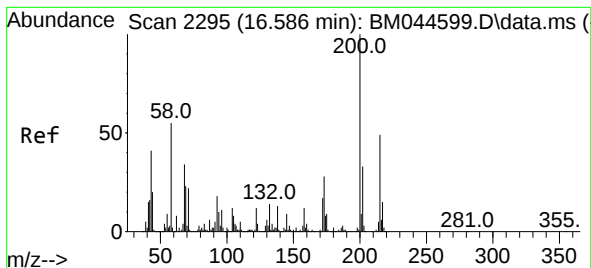
Tgt Ion:248 Resp: 378711  
Ion Ratio Lower Upper  
248 100  
250 98.6 77.8 116.8  
141 83.8 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 52.508 ng  
RT: 16.380 min Scan# 2260  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:284 Resp: 433812  
Ion Ratio Lower Upper  
284 100  
142 40.8 33.7 50.5  
249 31.4 24.8 37.2





#69

Atrazine

Concen: 38.830 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

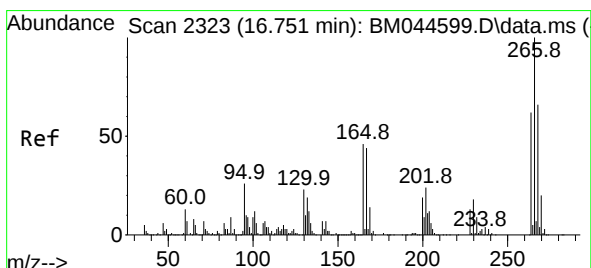
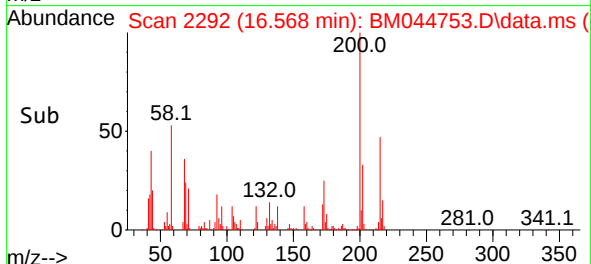
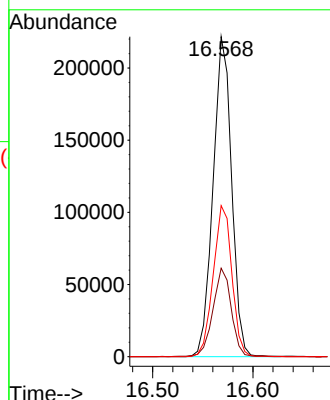
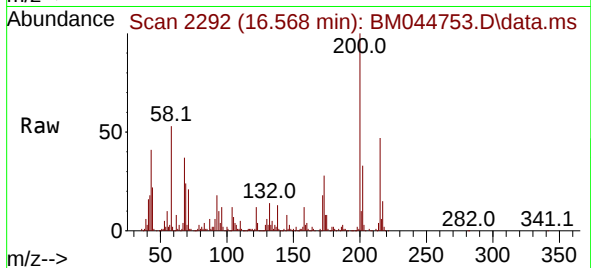
Tgt Ion:200 Resp: 284147

Ion Ratio Lower Upper

200 100

173 27.6 7.7 47.7

215 47.2 28.7 68.7



#70

Pentachlorophenol

Concen: 92.346 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

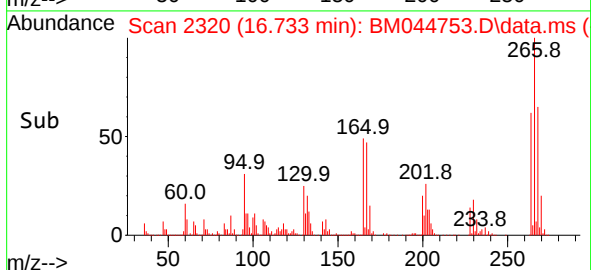
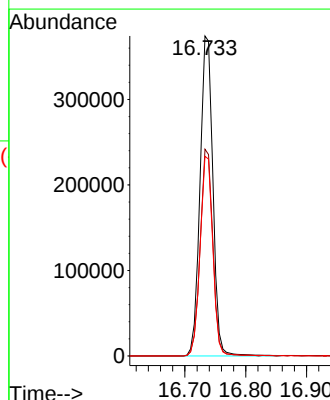
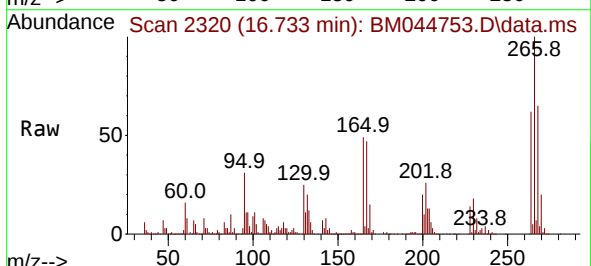
Tgt Ion:266 Resp: 548801

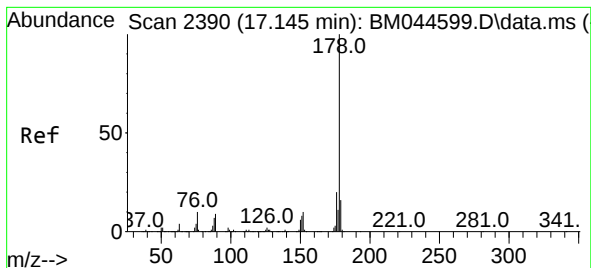
Ion Ratio Lower Upper

266 100

268 64.6 52.4 78.6

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 45.442 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

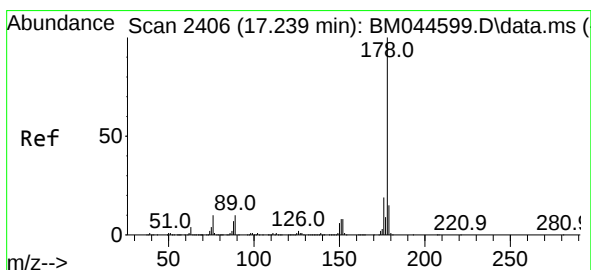
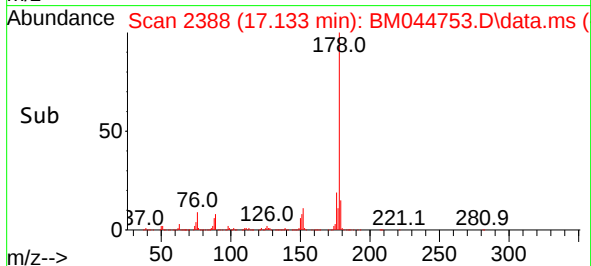
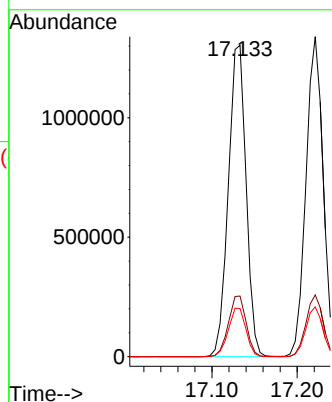
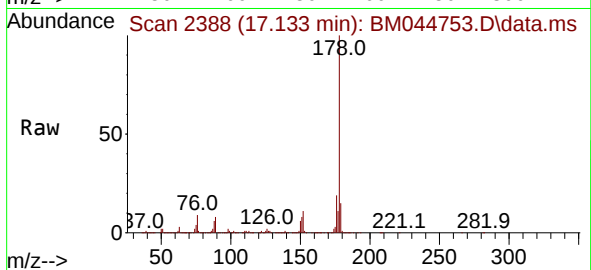
Tgt Ion:178 Resp: 1886946

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 45.003 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

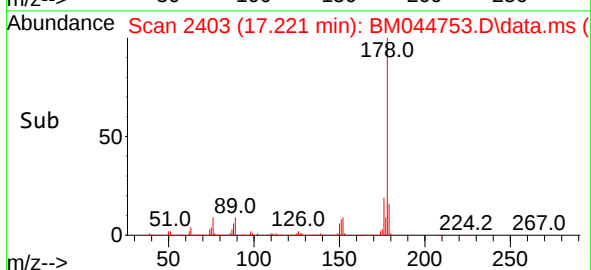
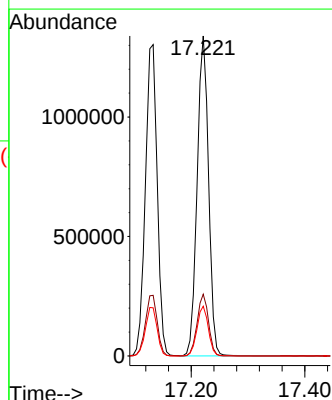
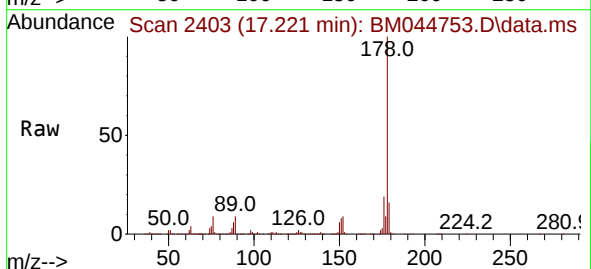
Tgt Ion:178 Resp: 1874247

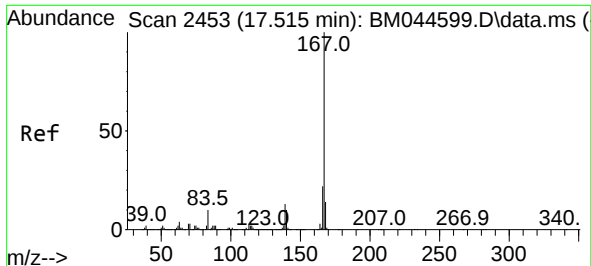
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.2 18.4

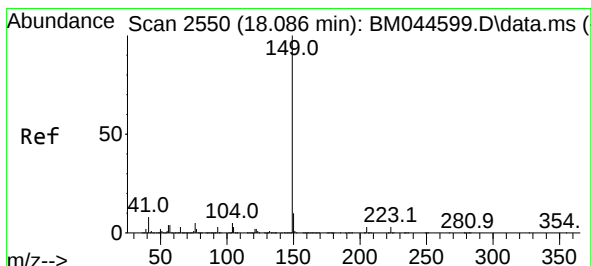
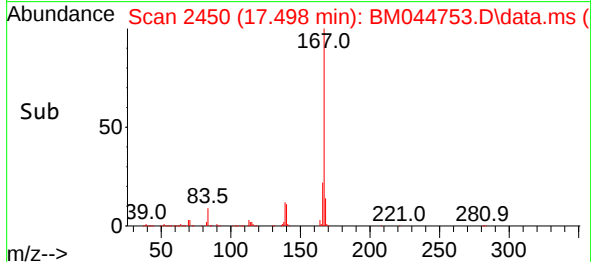
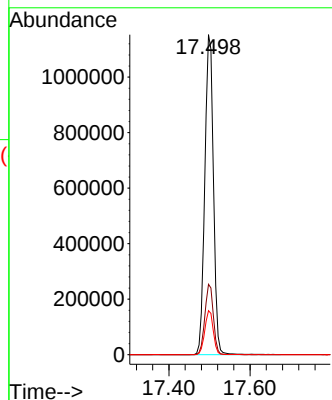
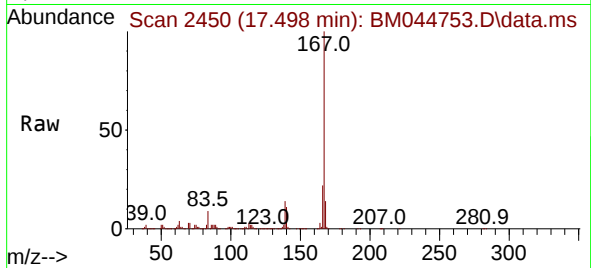




#73  
 Carbazole  
 Concen: 43.176 ng  
 RT: 17.498 min Scan# 24  
 Delta R.T. -0.018 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

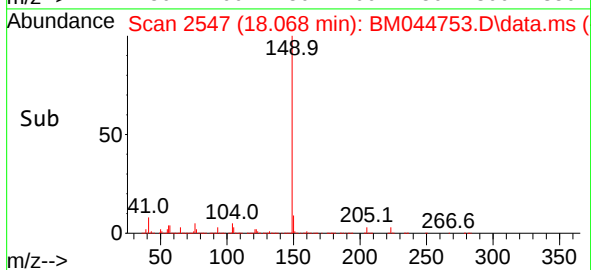
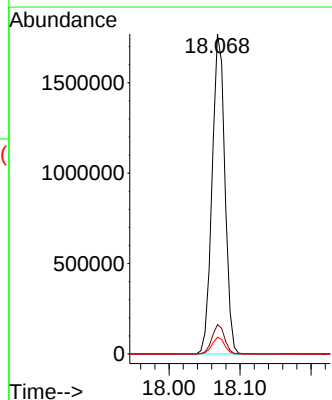
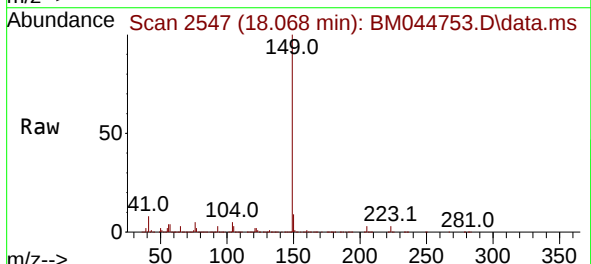
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159758BS

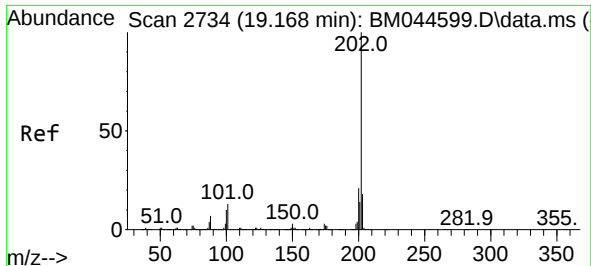
Tgt Ion:167 Resp: 1693539  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.2 25.8  
 139 13.8 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 43.757 ng  
 RT: 18.068 min Scan# 2547  
 Delta R.T. -0.018 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

Tgt Ion:149 Resp: 2211585  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.6 11.4  
 104 5.2 4.0 6.0

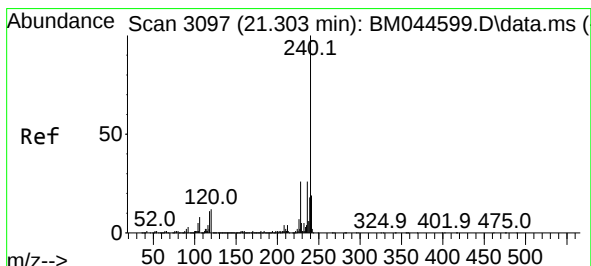
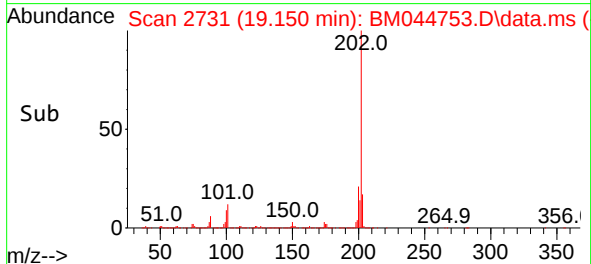
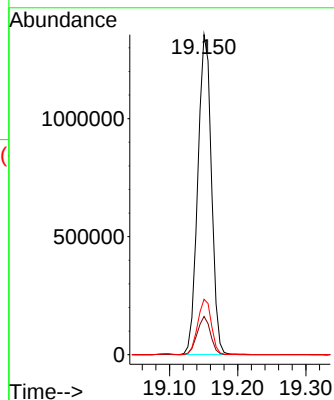
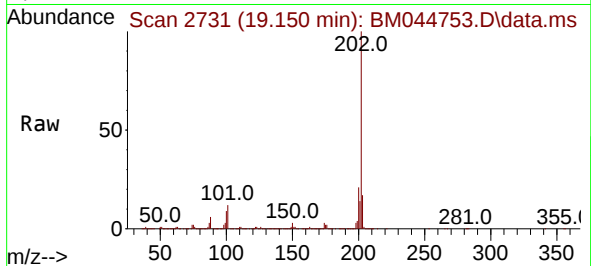




#75  
Fluoranthene  
Concen: 40.277 ng  
RT: 19.150 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

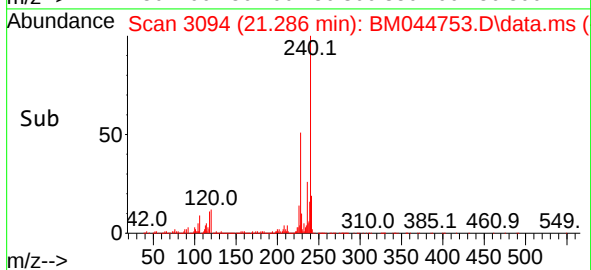
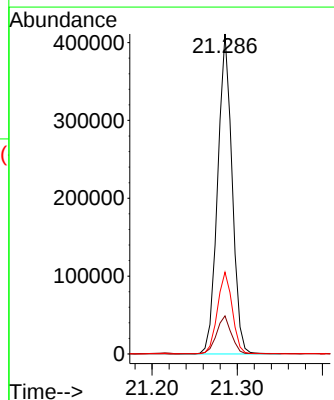
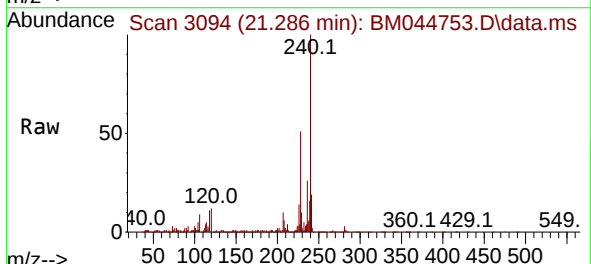
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

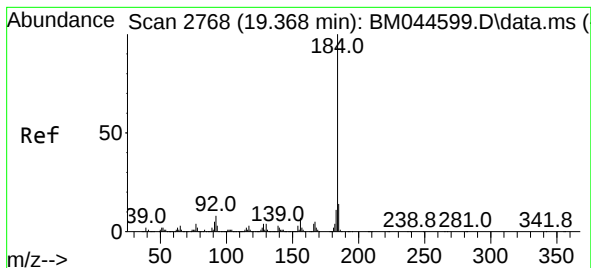
Tgt Ion:202 Resp: 1869594  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 33.3  
203 17.3 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.286 min Scan# 3094  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:240 Resp: 485430  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.7 14.5  
236 25.5 21.0 31.4





#77

Benzidine

Concen: 29.122 ng

RT: 19.350 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

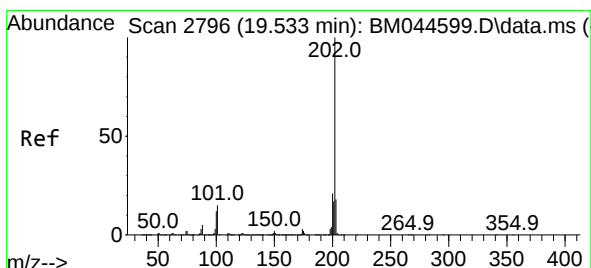
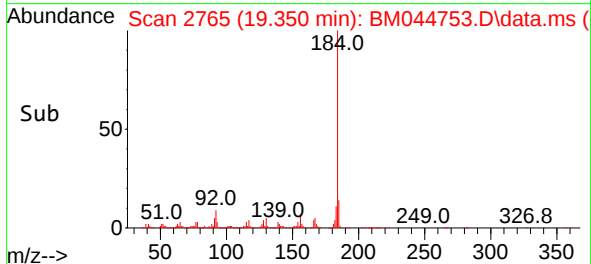
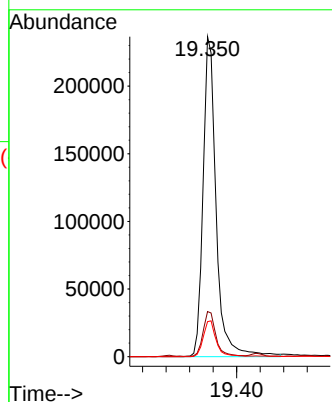
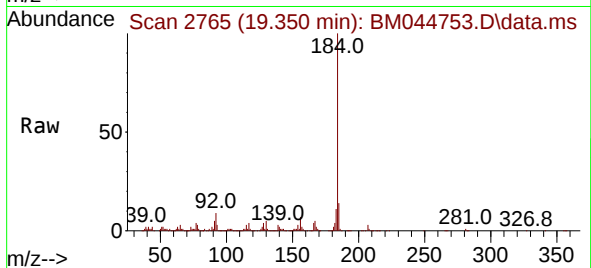
Tgt Ion:184 Resp: 365363

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

183 11.0 8.7 13.1



#78

Pyrene

Concen: 53.303 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

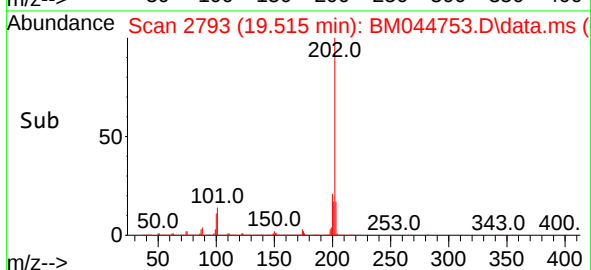
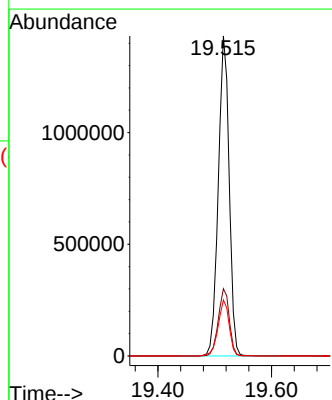
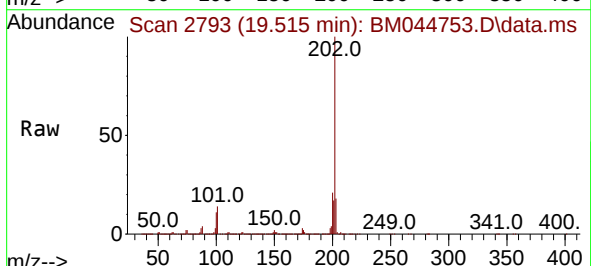
Tgt Ion:202 Resp: 1896424

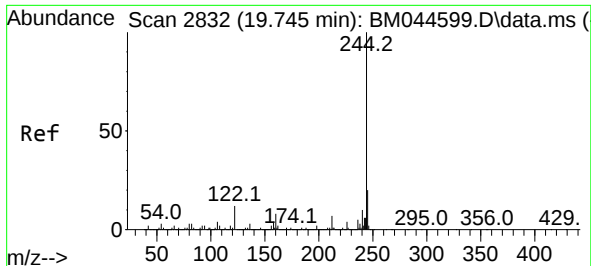
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.5 14.1 21.1

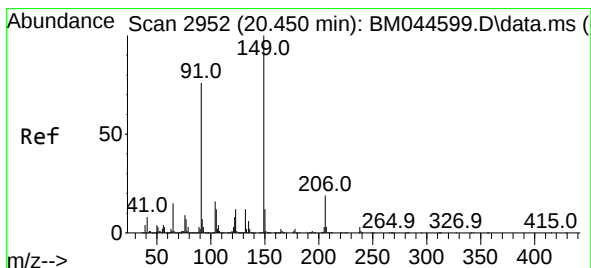
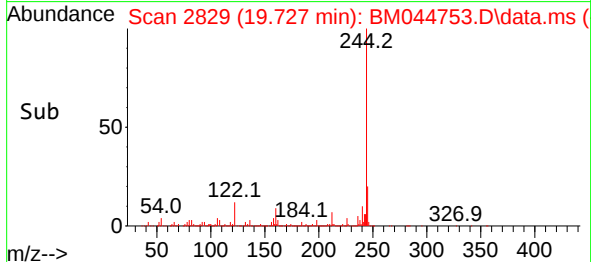
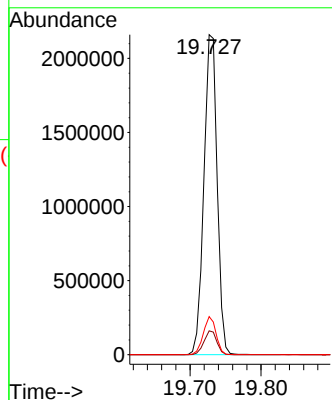
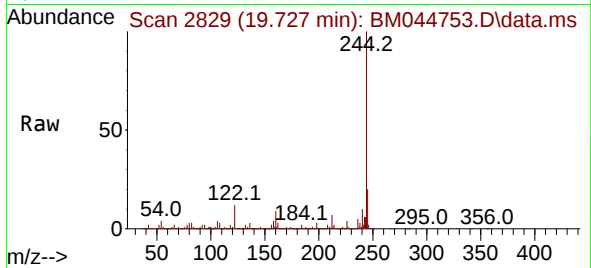




#79  
 Terphenyl-d14  
 Concen: 101.132 ng  
 RT: 19.727 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

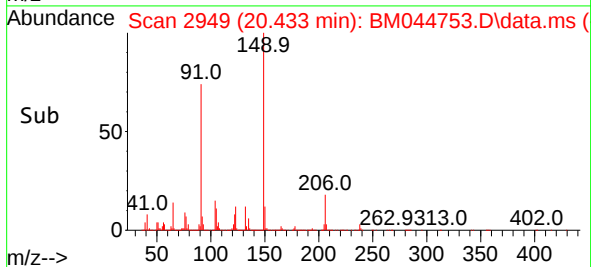
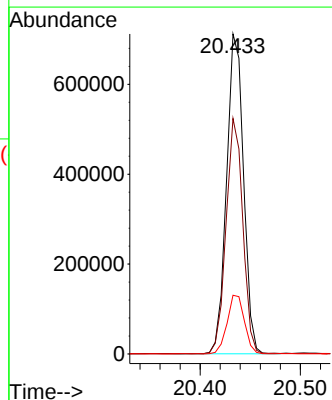
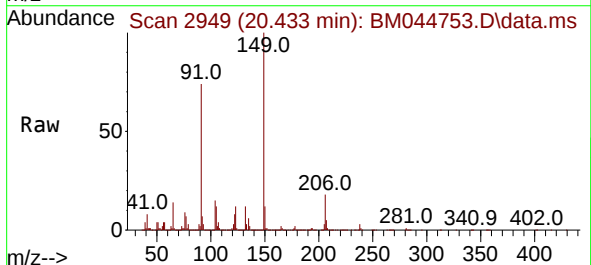
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159758BS

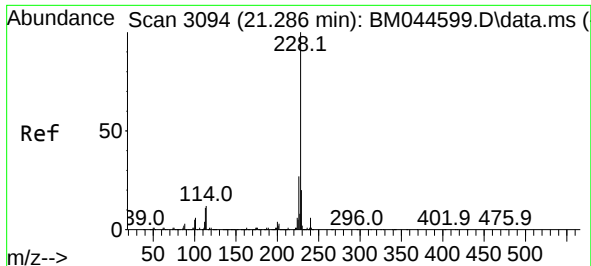
Tgt Ion:244 Resp: 2806336  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.5 8.3  
 122 11.9 9.7 14.5



#80  
 Butylbenzylphthalate  
 Concen: 52.118 ng  
 RT: 20.433 min Scan# 2949  
 Delta R.T. -0.018 min  
 Lab File: BM044753.D  
 Acq: 25 Mar 2024 13:27

Tgt Ion:149 Resp: 835680  
 Ion Ratio Lower Upper  
 149 100  
 91 73.6 61.0 91.6  
 206 18.4 15.0 22.6

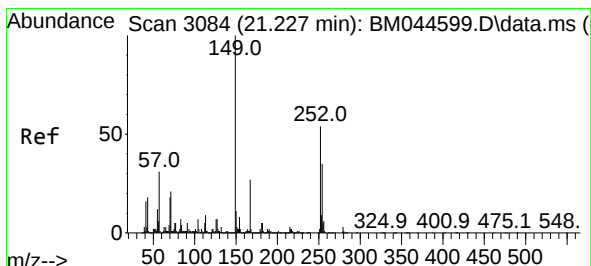
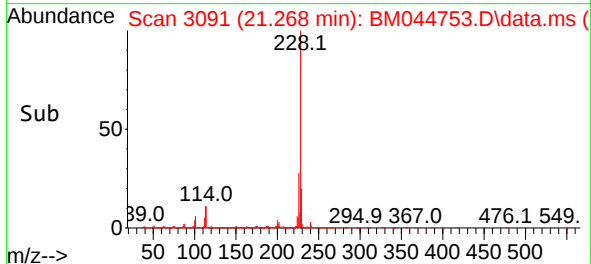
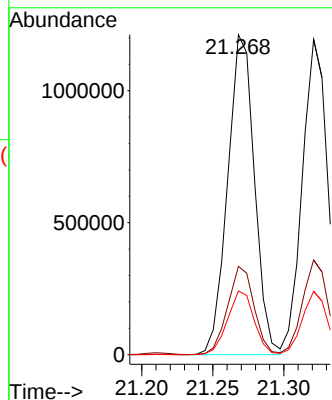
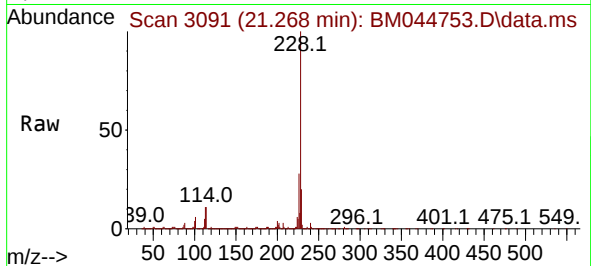




#81  
Benzo(a)anthracene  
Concen: 47.185 ng  
RT: 21.268 min Scan# 3094  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

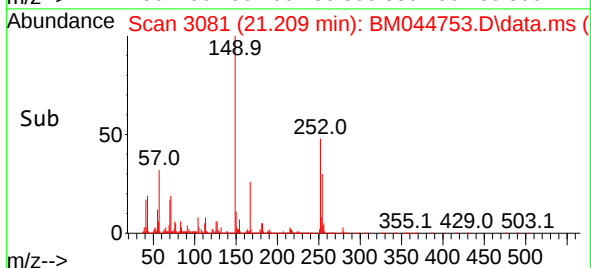
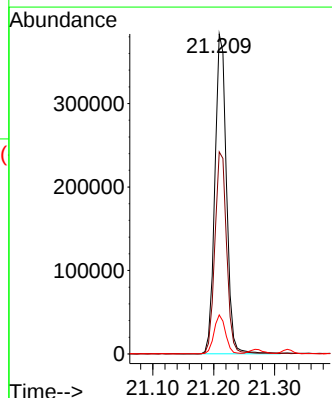
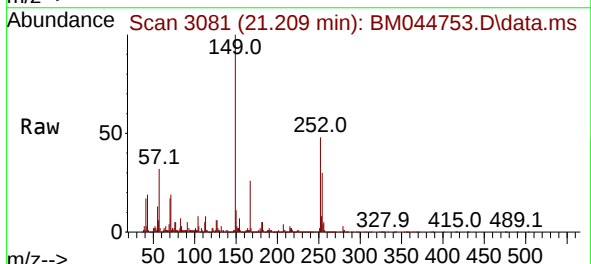
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

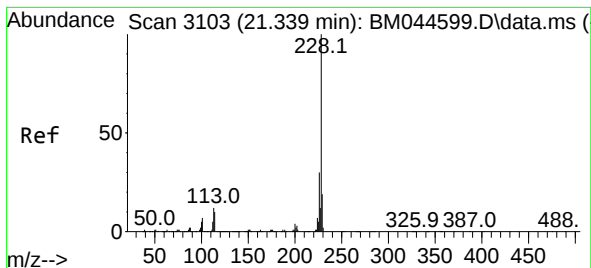
Tgt Ion:228 Resp: 1593744  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.9 32.9  
229 19.9 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 43.447 ng  
RT: 21.209 min Scan# 3081  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:252 Resp: 505413  
Ion Ratio Lower Upper  
252 100  
254 63.2 51.4 77.0  
126 12.2 9.8 14.6





#83

Chrysene

Concen: 45.920 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

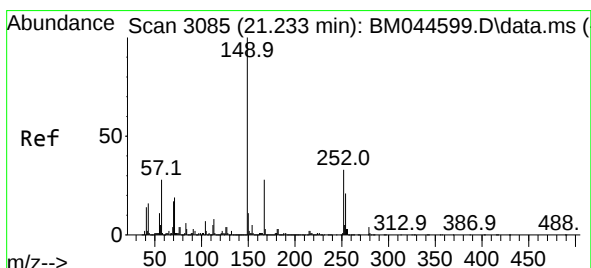
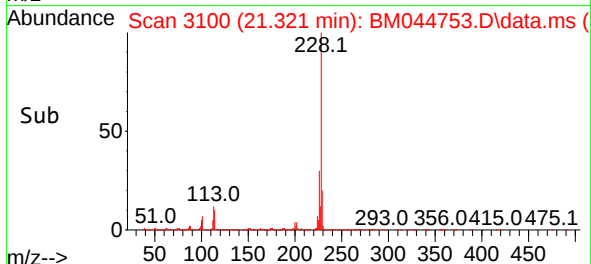
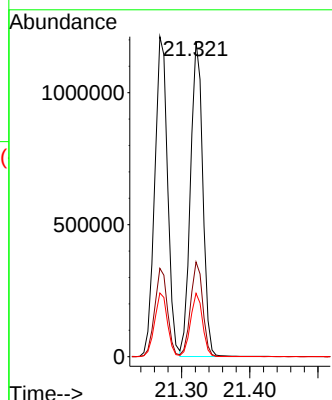
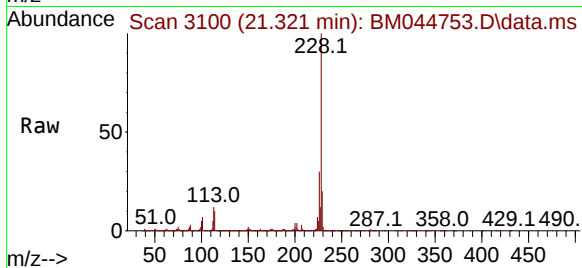
Tgt Ion:228 Resp: 1482081

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 20.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.807 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

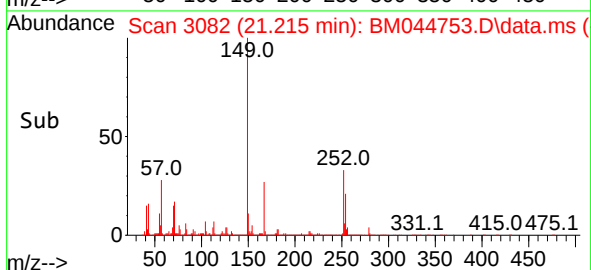
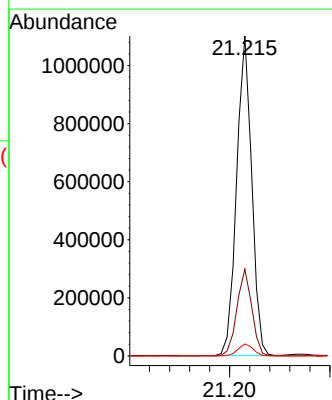
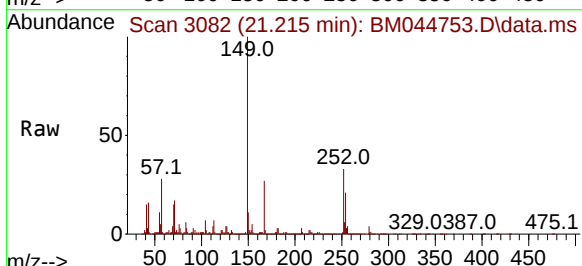
Tgt Ion:149 Resp: 1154858

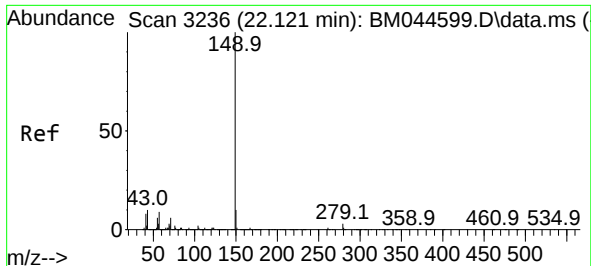
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 3.8 3.0 4.4

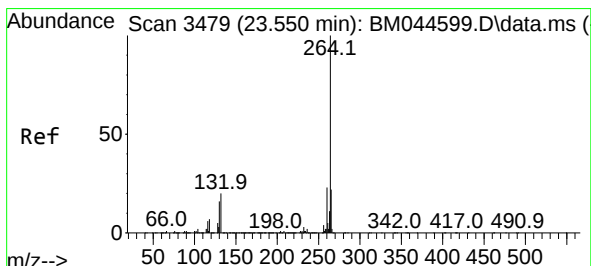
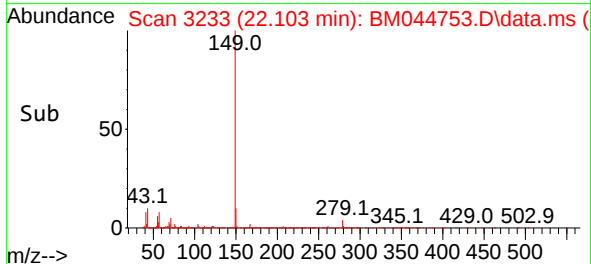
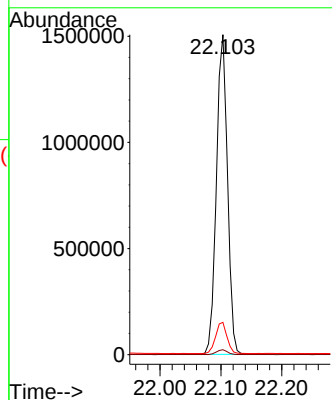
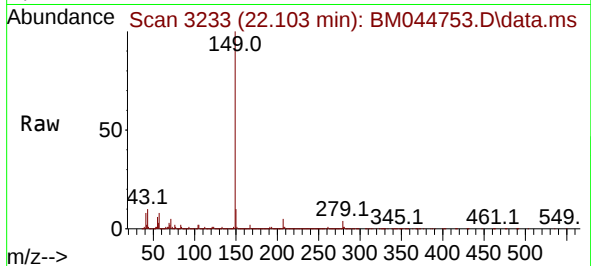




#85  
Di-n-octyl phthalate  
Concen: 45.421 ng  
RT: 22.103 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

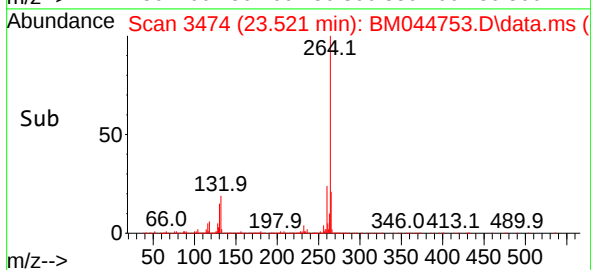
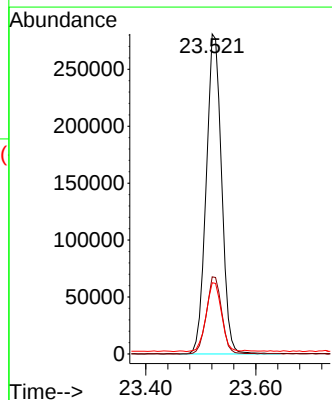
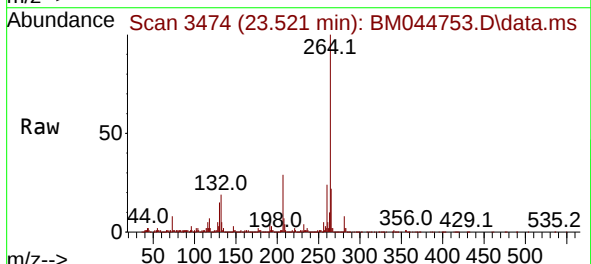
Instrument :  
BNA\_M  
ClientSampleId :  
PB159758BS

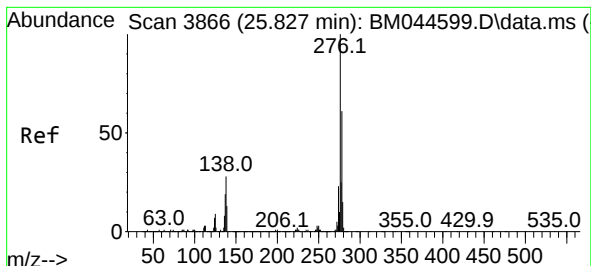
Tgt Ion:149 Resp: 1903213  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.1 7.9 11.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.521 min Scan# 3474  
Delta R.T. -0.029 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:264 Resp: 545426  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.3 27.5  
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.775 ng

RT: 25.791 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

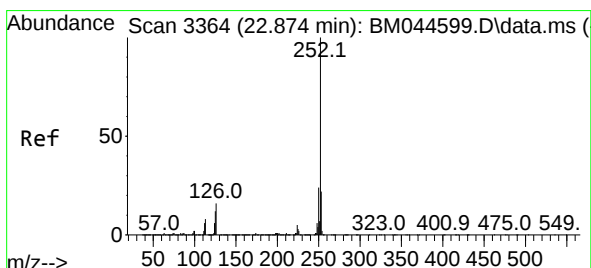
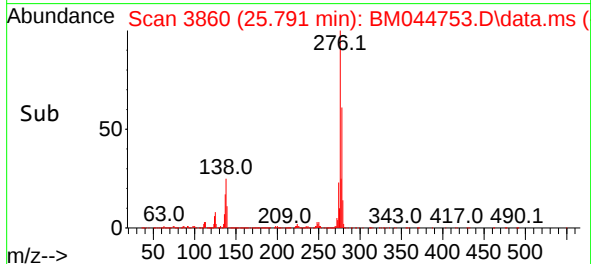
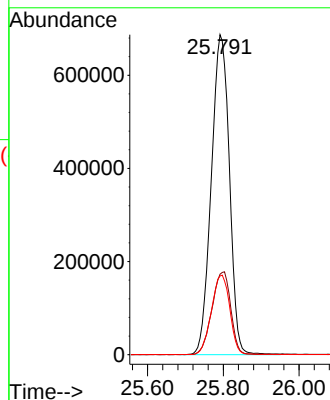
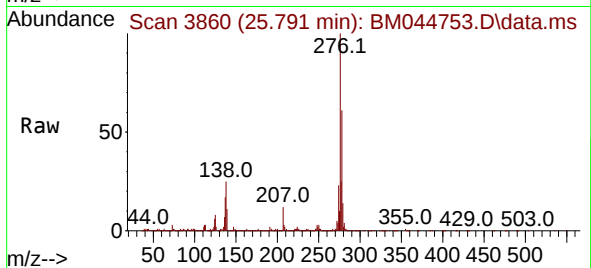
Tgt Ion:276 Resp: 2278046

Ion Ratio Lower Upper

276 100

138 26.8 23.6 35.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.637 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

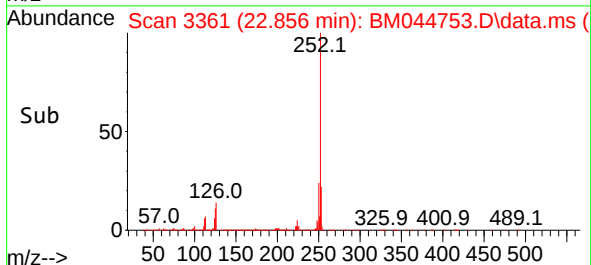
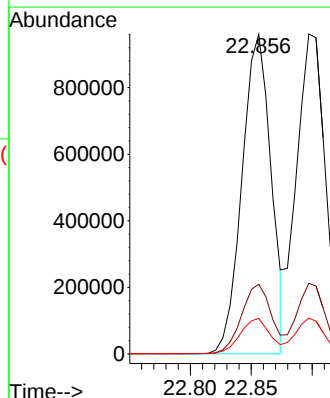
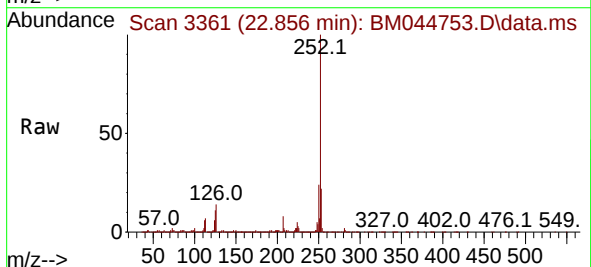
Tgt Ion:252 Resp: 1591036

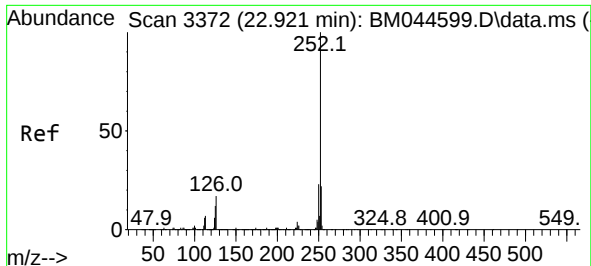
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 11.1 9.6 14.4

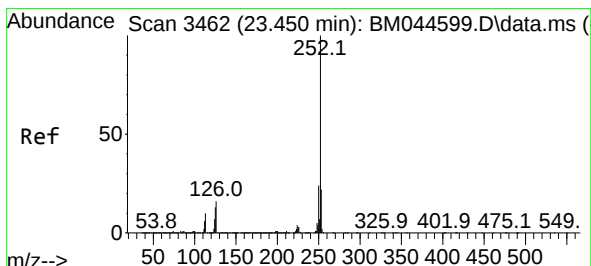
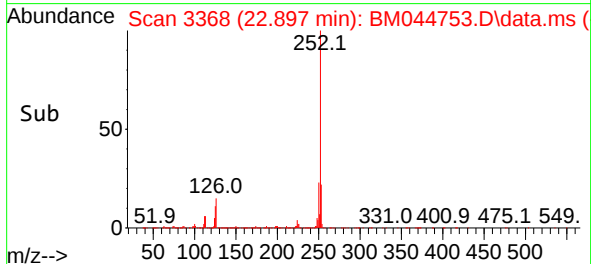
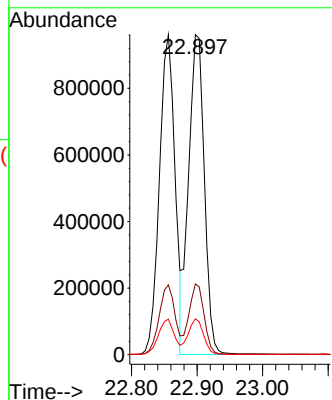
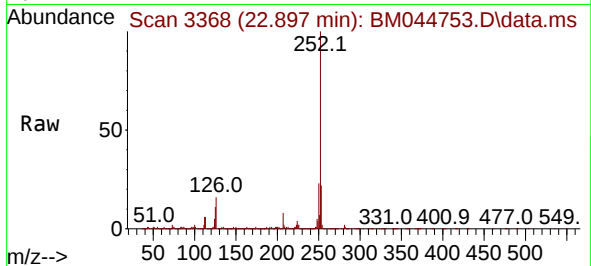




#89  
Benzo(k)fluoranthene  
Concen: 48.622 ng  
RT: 22.897 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

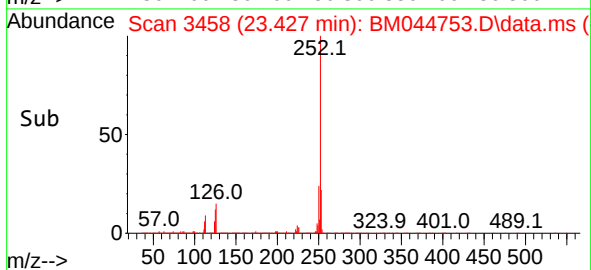
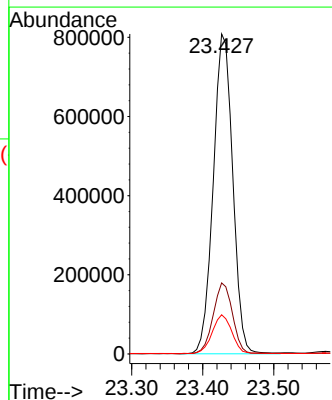
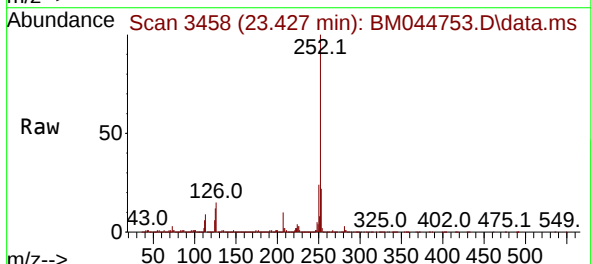
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ClientSampleId :  
PB159758BS

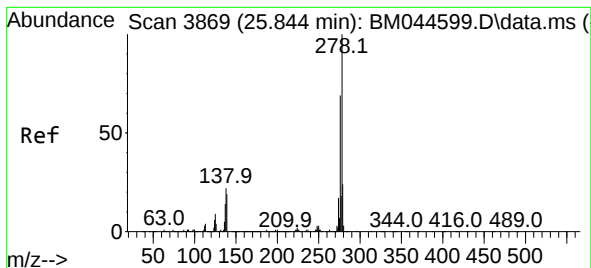
Tgt Ion:252 Resp: 1602180  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 11.2 9.4 14.0



#90  
Benzo(a)pyrene  
Concen: 49.075 ng  
RT: 23.427 min Scan# 3458  
Delta R.T. -0.024 min  
Lab File: BM044753.D  
Acq: 25 Mar 2024 13:27

Tgt Ion:252 Resp: 1534264  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 12.3 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 57.172 ng

RT: 25.809 min Scan# 3

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA\_M

ClientSampleId :

PB159758BS

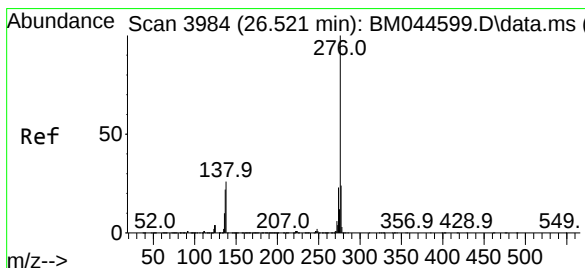
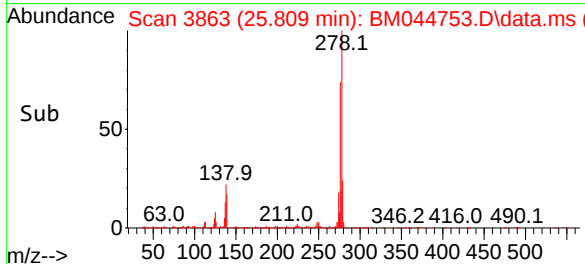
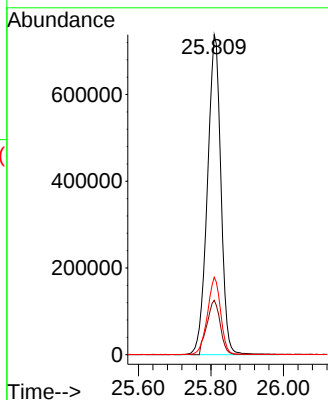
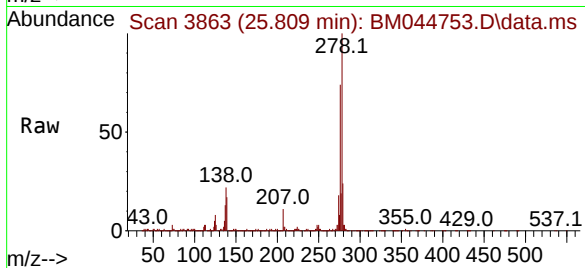
Tgt Ion:278 Resp: 1900448

Ion Ratio Lower Upper

278 100

139 17.0 15.0 22.6

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 58.096 ng

RT: 26.485 min Scan# 3978

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:276 Resp: 1901007

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 22.5 20.7 31.1

