

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032324\  
 Data File : BM044741.D  
 Acq On : 22 Mar 2024 19:03  
 Operator : MA/JU  
 Sample : PB159703BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159703BS

Quant Time: Mar 22 23:01:25 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  | 198456   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.463 | 136  | 747386   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.328 | 164  | 393974   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.086 | 188  | 723390   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.286 | 240  | 624155   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 23.527 | 264  | 708359   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.311  | 112  | 1866281  | 135.021 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.875  | 99   | 2236169  | 125.752 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.851  | 82   | 1375820  | 88.684  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.833 | 330  | 613596   | 141.206 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.945 | 172  | 2583529  | 90.313  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.727 | 244  | 3239332  | 90.790  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 218850   | 37.669  | ng    | 96       |
| 3) Pyridine                   | 3.681  | 79   | 562377   | 35.003  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.611  | 42   | 303104   | 47.075  | ng    | 90       |
| 6) Aniline                    | 7.034  | 93   | 459863   | 21.835  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.257  | 128  | 643317   | 46.727  | ng    | 99       |
| 9) Benzaldehyde               | 6.852  | 77   | 173461   | 18.625  | ng    | 98       |
| 10) Phenol                    | 6.899  | 94   | 801662   | 45.140  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.134  | 93   | 638938   | 44.065  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.575  | 146  | 701724   | 47.403  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.722  | 146  | 712996   | 47.789  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.034  | 146  | 675844   | 47.500  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.934  | 79   | 528246   | 45.185  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.204  | 45   | 928585   | 46.190  | ng    | 99       |
| 17) 2-Methylphenol            | 8.134  | 107  | 503108   | 41.539  | ng    | 98       |
| 18) Hexachloroethane          | 8.746  | 117  | 273900   | 49.659  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.499  | 70   | 417098   | 38.408  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.457  | 107  | 690155   | 42.225  | ng    | 96       |
| 22) Acetophenone              | 8.516  | 105  | 913380   | 46.518  | ng    | # 97     |
| 24) Nitrobenzene              | 8.893  | 77   | 694560   | 45.291  | ng    | 100      |
| 25) Isophorone                | 9.410  | 82   | 1218651  | 45.528  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.593  | 139  | 324545   | 49.044  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.651  | 122  | 420980   | 36.175  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.898  | 93   | 784921   | 44.159  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.116 | 162  | 526291   | 47.451  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.328 | 180  | 566409   | 48.004  | ng    | 98       |
| 31) Naphthalene               | 10.516 | 128  | 1850898  | 45.125  | ng    | 99       |
| 32) Benzoic acid              | 9.804  | 122  | 351654   | 38.628  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.640 | 127  | 343587   | 19.967  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.781 | 225  | 319481   | 48.562  | ng    | 99       |
| 35) Caprolactam               | 11.445 | 113  | 98693    | 27.585  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.763 | 107  | 539345   | 44.315  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.134 | 142  | 1175156  | 42.212  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.351 | 142  | 1094786  | 42.195  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.498 | 216  | 549443   | 49.145  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.469 | 237  | 705854   | 110.824 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.751 | 196  | 369608   | 48.960  | ng    | 98       |

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 Sample : PB159703BS  
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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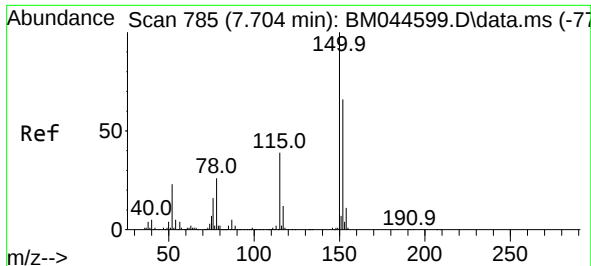
Quant Time: Mar 22 23:01:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 02:28:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.822 | 196  | 397479   | 44.435 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.157 | 154  | 1441538  | 46.783 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.198 | 162  | 1102334  | 48.379 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.422 | 65   | 360511   | 46.631 | ng    | 99       |
| 49) Acenaphthylene            | 14.051 | 152  | 1797143  | 48.417 | ng    | 100      |
| 50) Dimethylphthalate         | 13.804 | 163  | 1300799  | 44.142 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.928 | 165  | 276753   | 45.099 | ng    | 97       |
| 52) Acenaphthene              | 14.392 | 154  | 1005862  | 44.828 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.257 | 138  | 196985   | 27.414 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 330545   | 82.198 | ng    | 97       |
| 55) Dibenzofuran              | 14.733 | 168  | 1586488  | 44.550 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.569 | 139  | 533340   | 90.373 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 386252   | 48.172 | ng    | 94       |
| 58) Fluorene                  | 15.386 | 166  | 1249898  | 45.070 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.963 | 232  | 319437   | 45.995 | ng    | 99       |
| 60) Diethylphthalate          | 15.175 | 149  | 1319968  | 44.248 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 595149   | 44.703 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.427 | 138  | 290718   | 40.502 | ng    | 96       |
| 63) Azobenzene                | 15.680 | 77   | 1418802  | 46.011 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 213967   | 47.165 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.604 | 169  | 1056271  | 46.852 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.280 | 248  | 351166   | 46.932 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.380 | 284  | 402216   | 50.569 | ng    | 97       |
| 69) Atrazine                  | 16.569 | 200  | 346179   | 49.139 | ng    | 99       |
| 70) Pentachlorophenol         | 16.733 | 266  | 556629   | 97.291 | ng    | 99       |
| 71) Phenanthrene              | 17.127 | 178  | 1851878  | 46.325 | ng    | 100      |
| 72) Anthracene                | 17.221 | 178  | 1875153  | 46.769 | ng    | 100      |
| 73) Carbazole                 | 17.498 | 167  | 1782210  | 47.196 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.068 | 149  | 2264929  | 46.548 | ng    | 99       |
| 75) Fluoranthene              | 19.151 | 202  | 2024930  | 45.313 | ng    | 99       |
| 77) Benzidine                 | 19.351 | 184  | 781228   | 48.429 | ng    | 99       |
| 78) Pyrene                    | 19.515 | 202  | 2144482  | 46.878 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 978986   | 47.485 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.268 | 228  | 2046546  | 47.124 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.209 | 252  | 558856   | 37.364 | ng    | 99       |
| 83) Chrysene                  | 21.321 | 228  | 1941405  | 46.782 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 1459276  | 46.983 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.104 | 149  | 2523583  | 46.841 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 25.792 | 276  | 2456667  | 47.974 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.856 | 252  | 2096800  | 50.370 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.903 | 252  | 1973532  | 46.116 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.433 | 252  | 1922576  | 47.351 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.809 | 278  | 2021482  | 46.825 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.480 | 276  | 1914517  | 45.051 | ng    | 99       |

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

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QLast Update : Thu Mar 14 02:28:24 2024  
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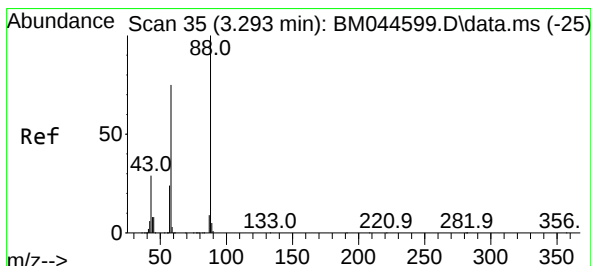
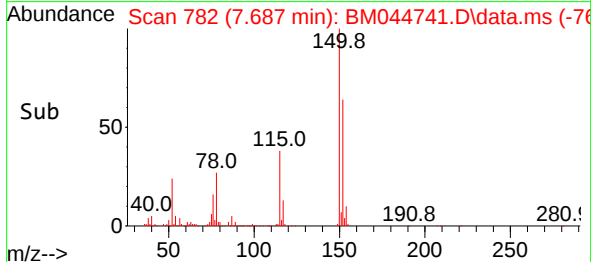
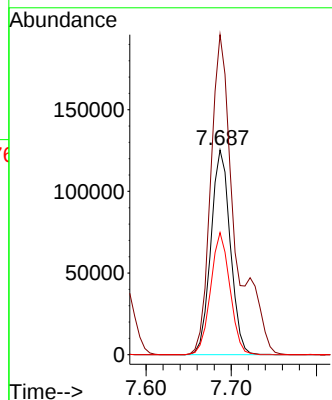
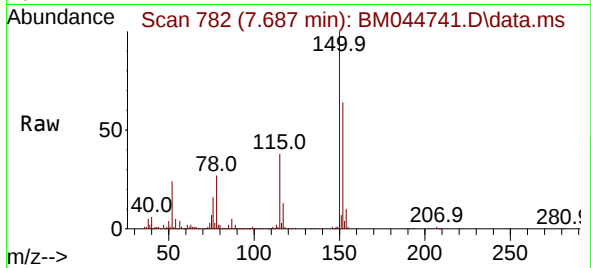




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.687 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

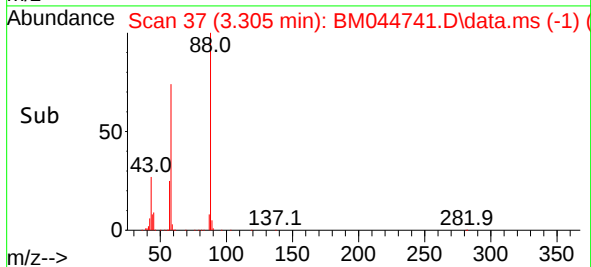
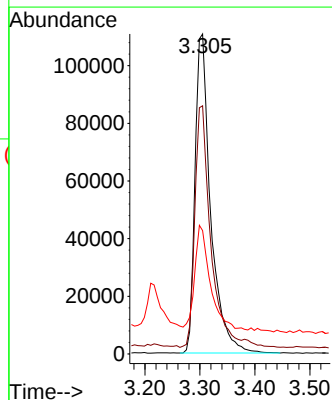
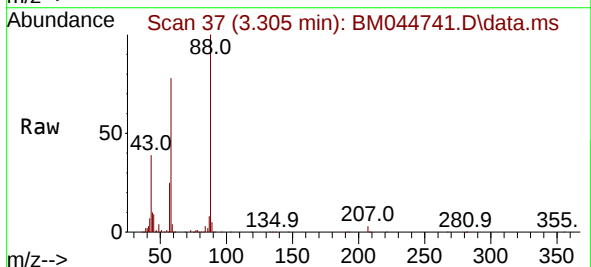
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159703BS

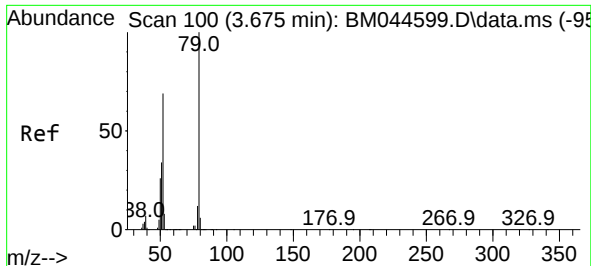
Tgt Ion:152 Resp: 198456  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 121.9 182.9  
 115 59.7 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 37.669 ng  
 RT: 3.305 min Scan# 37  
 Delta R.T. 0.012 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

Tgt Ion: 88 Resp: 218850  
 Ion Ratio Lower Upper  
 88 100  
 58 78.0 60.2 90.2  
 43 32.3 23.5 35.3

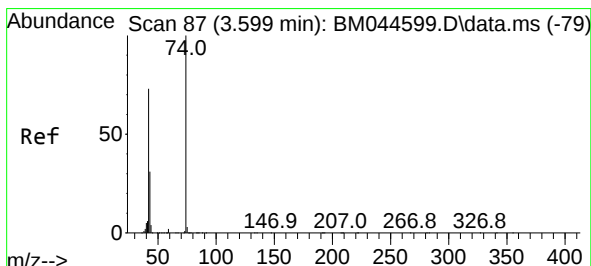
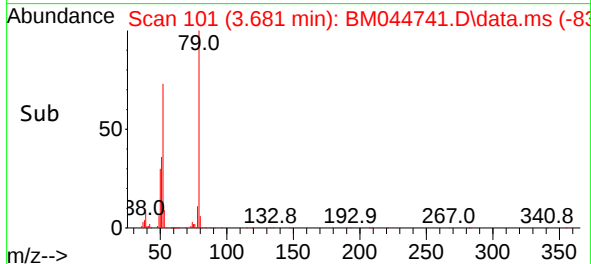
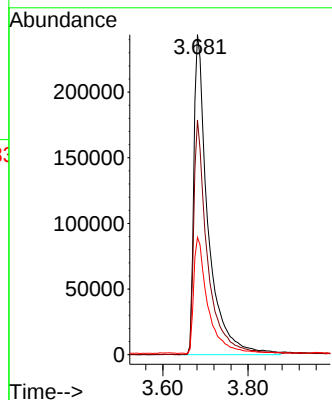
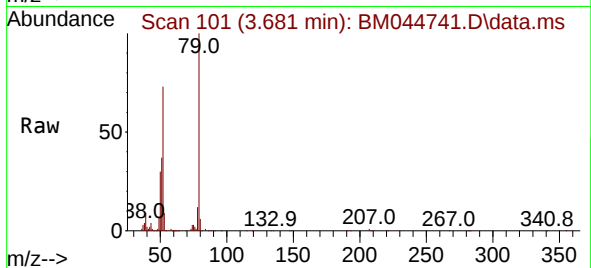




#3  
Pyridine  
Concen: 35.003 ng  
RT: 3.681 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

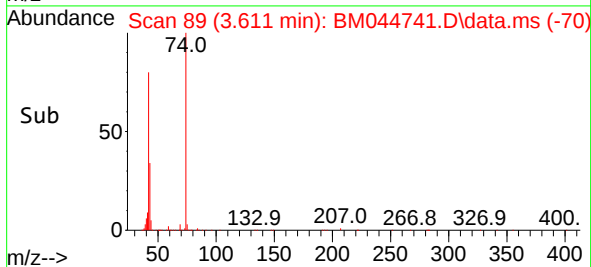
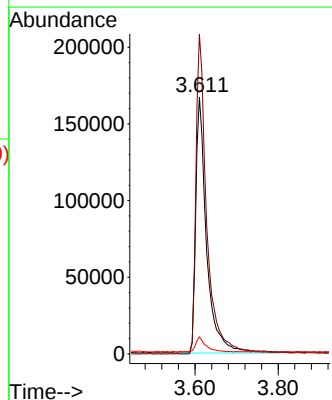
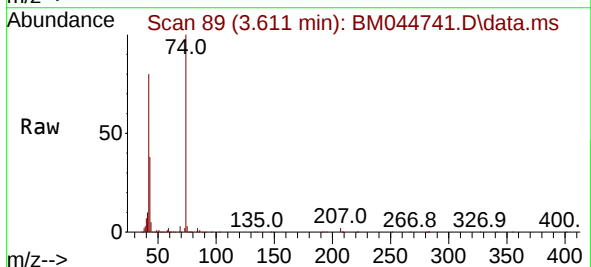
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

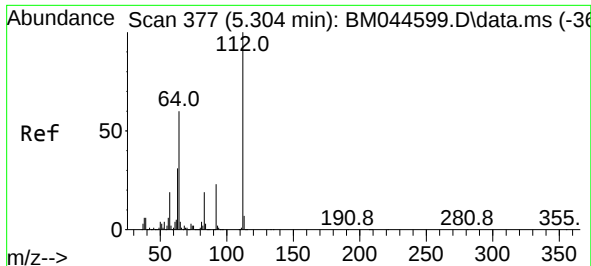
Tgt Ion: 79 Resp: 562377  
Ion Ratio Lower Upper  
79 100  
52 73.4 55.5 83.3  
51 36.7 27.7 41.5



#4  
n-Nitrosodimethylamine  
Concen: 47.075 ng  
RT: 3.611 min Scan# 89  
Delta R.T. 0.012 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 42 Resp: 303104  
Ion Ratio Lower Upper  
42 100  
74 124.6 109.7 164.5  
44 6.6 5.4 8.0

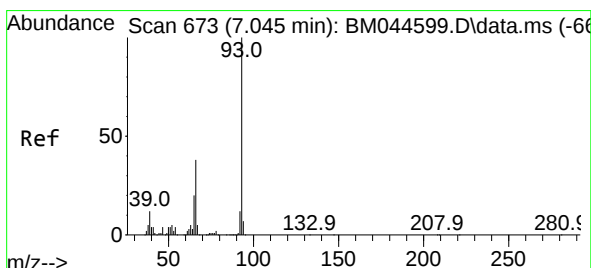
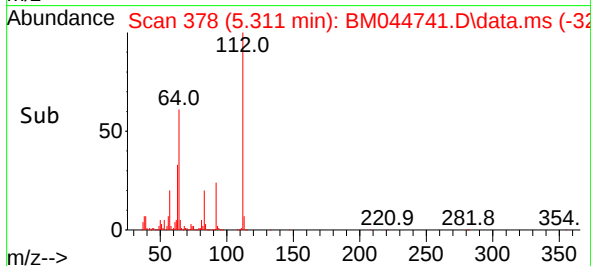
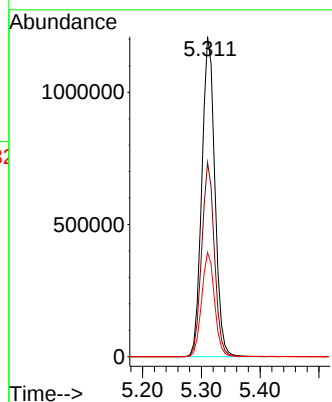
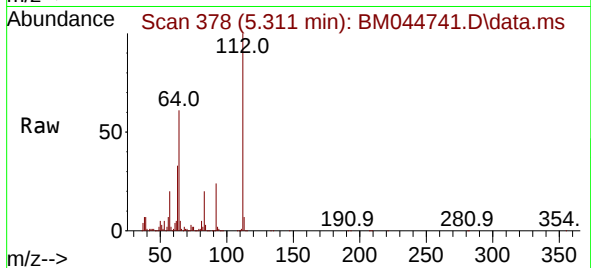




#5  
2-Fluorophenol  
Concen: 135.021 ng  
RT: 5.311 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

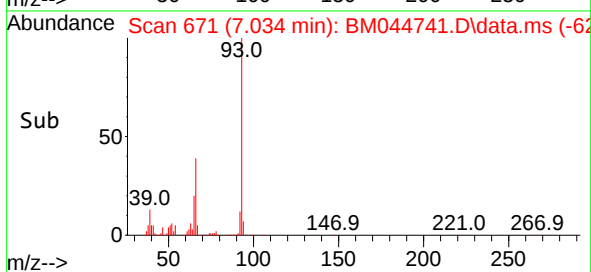
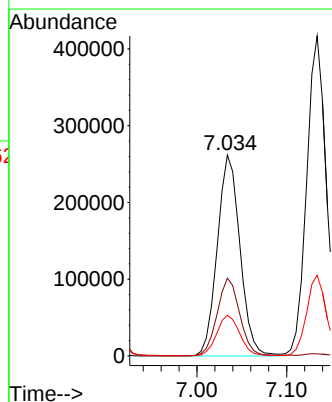
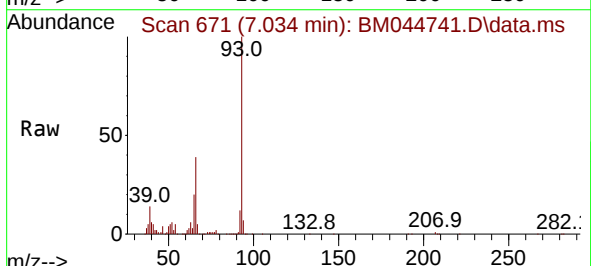
Instrument :  
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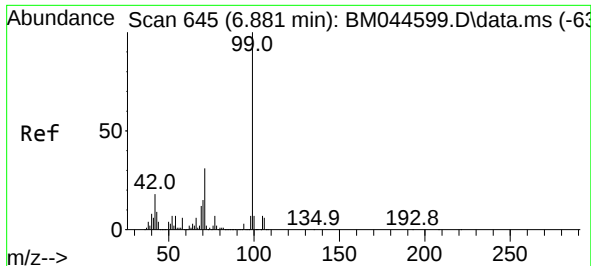
Tgt Ion:112 Resp: 1866281  
Ion Ratio Lower Upper  
112 100  
64 60.7 47.9 71.9  
63 32.6 25.0 37.4



#6  
Aniline  
Concen: 21.835 ng  
RT: 7.034 min Scan# 671  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 93 Resp: 459863  
Ion Ratio Lower Upper  
93 100  
66 38.8 30.3 45.5  
65 20.3 15.7 23.5

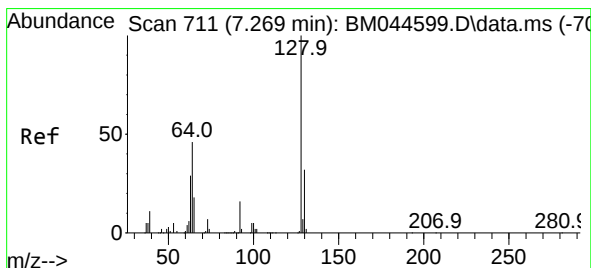
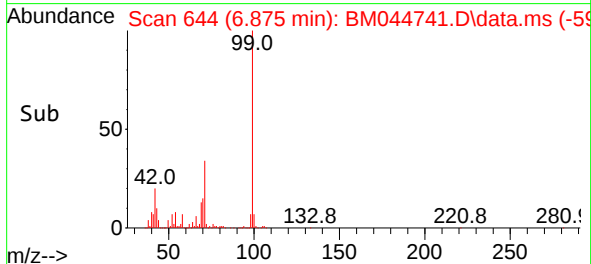
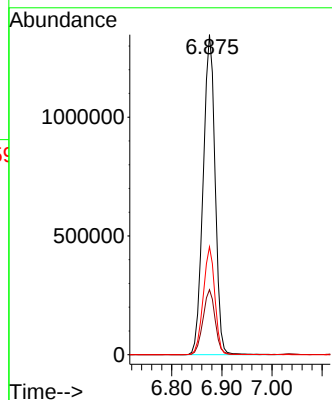
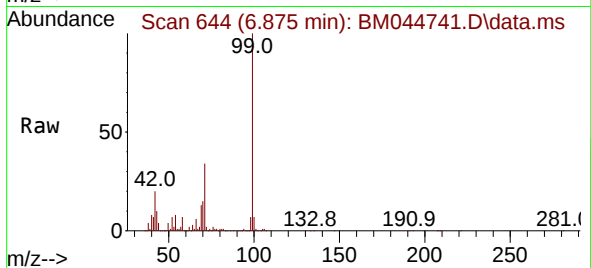




#7  
Phenol-d6  
Concen: 125.752 ng  
RT: 6.875 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

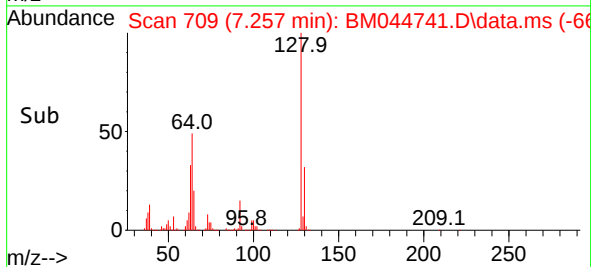
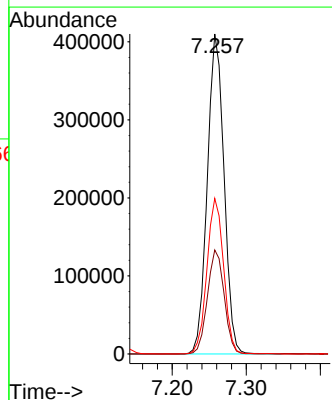
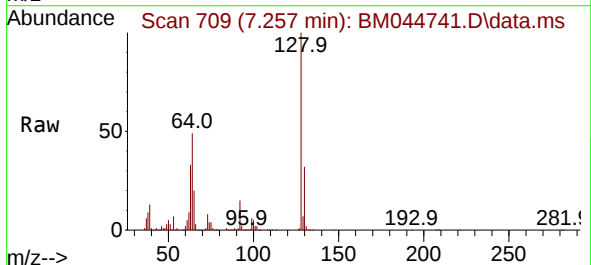
Instrument :  
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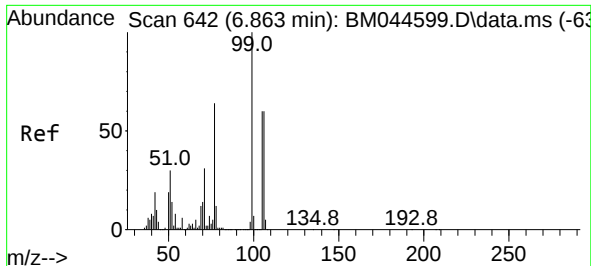
Tgt Ion: 99 Resp: 2236169  
Ion Ratio Lower Upper  
99 100  
42 20.3 14.3 21.5  
71 33.7 24.5 36.7



#8  
2-Chlorophenol  
Concen: 46.727 ng  
RT: 7.257 min Scan# 709  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

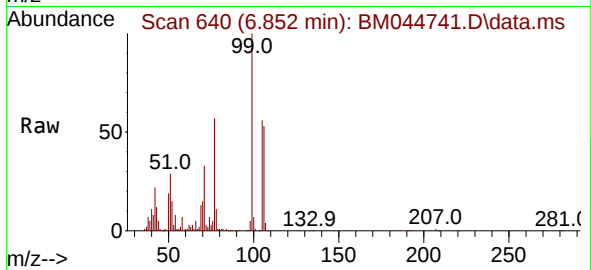
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Ion Ratio Lower Upper  
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130 32.5 12.4 52.4  
64 48.6 29.4 69.4



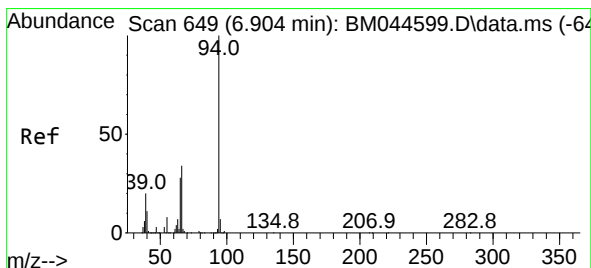
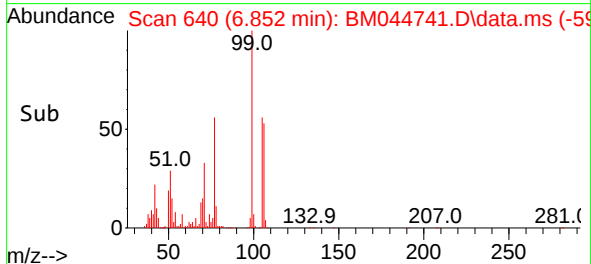
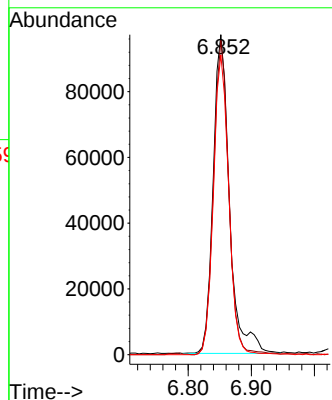


#9  
Benzaldehyde  
Concen: 18.625 ng  
RT: 6.852 min Scan# 642  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

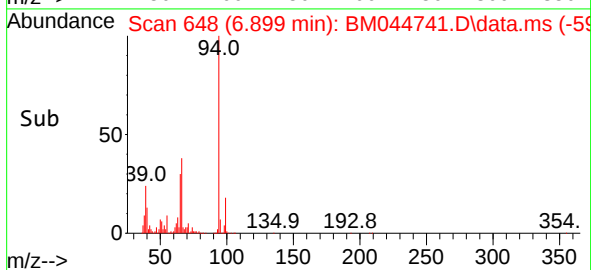
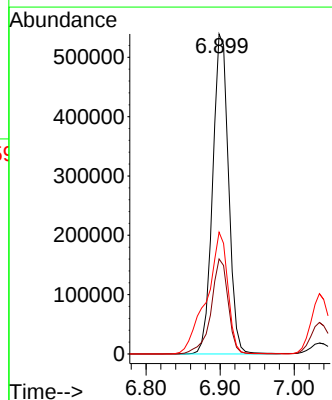
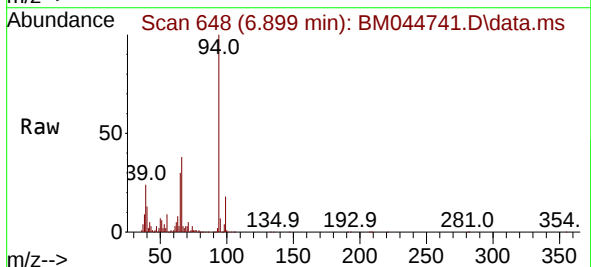


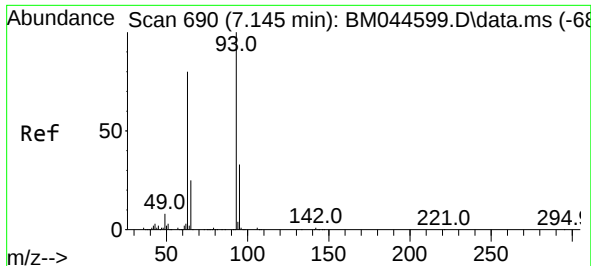
Tgt Ion: 77 Resp: 173461  
Ion Ratio Lower Upper  
77 100  
105 98.2 74.4 114.4  
106 93.7 74.1 114.1



#10  
Phenol  
Concen: 45.140 ng  
RT: 6.899 min Scan# 648  
Delta R.T. -0.006 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 94 Resp: 801662  
Ion Ratio Lower Upper  
94 100  
65 29.7 7.9 47.9  
66 38.0 14.7 54.7





#11  
bis(2-Chloroethyl)ether  
Concen: 44.065 ng  
RT: 7.134 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

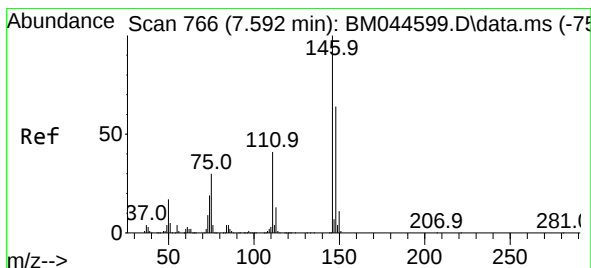
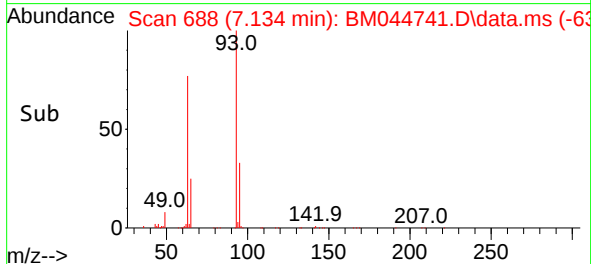
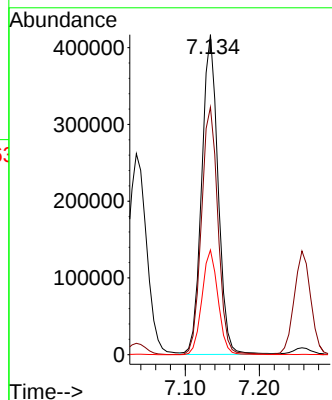
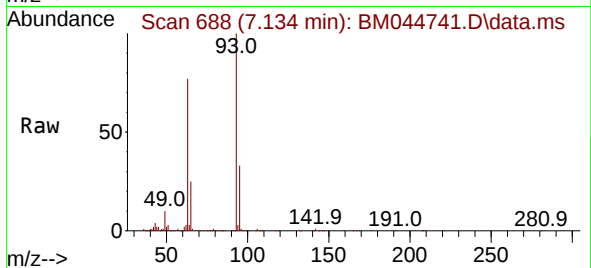
Instrument :

BNA\_M

ClientSampleId :

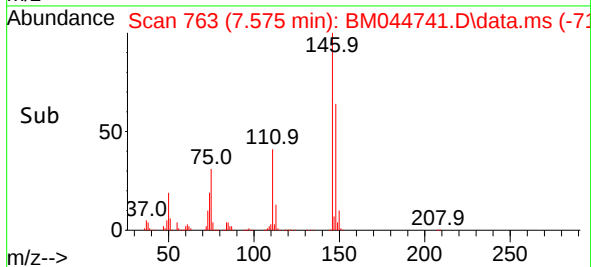
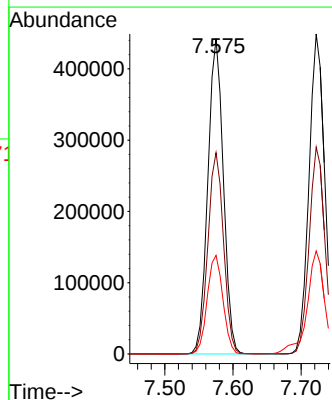
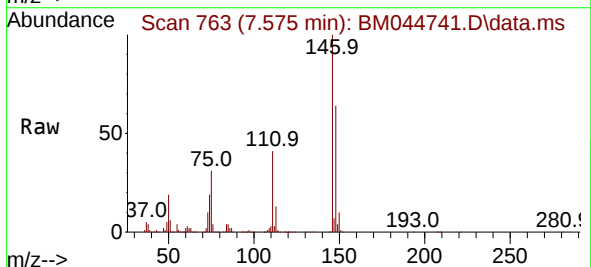
PB159703BS

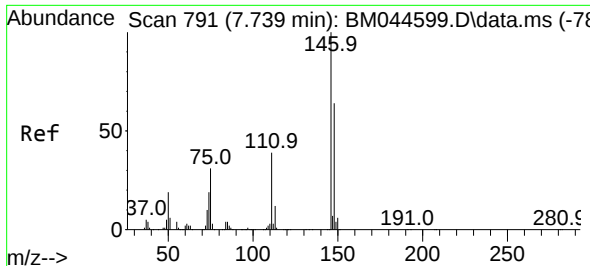
Tgt Ion: 93 Resp: 638938  
Ion Ratio Lower Upper  
93 100  
63 77.3 59.8 99.8  
95 32.7 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 47.403 ng  
RT: 7.575 min Scan# 763  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 146 Resp: 701724  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.9 76.3  
75 31.3 24.1 36.1

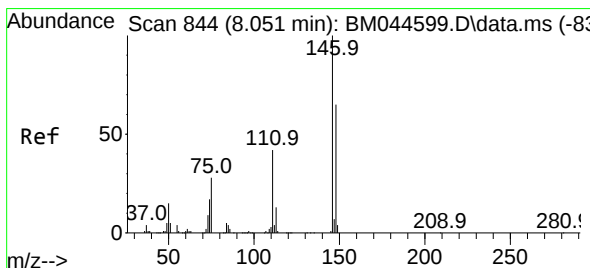
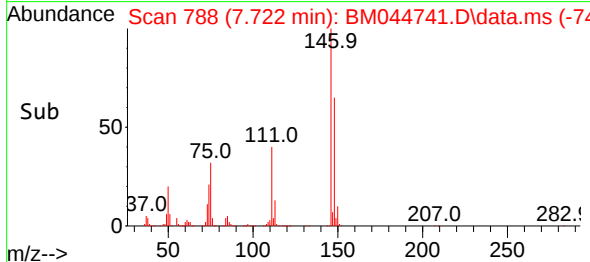
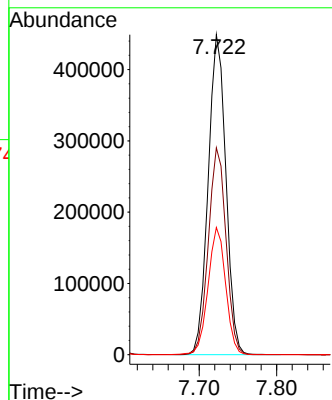
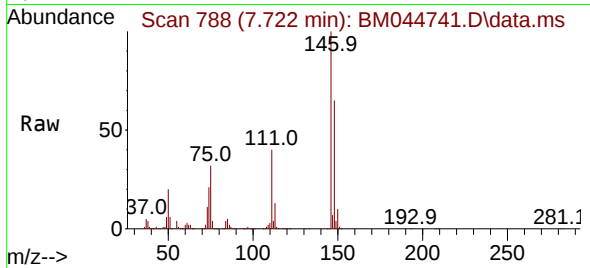




#13  
1,4-Dichlorobenzene  
Concen: 47.789 ng  
RT: 7.722 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

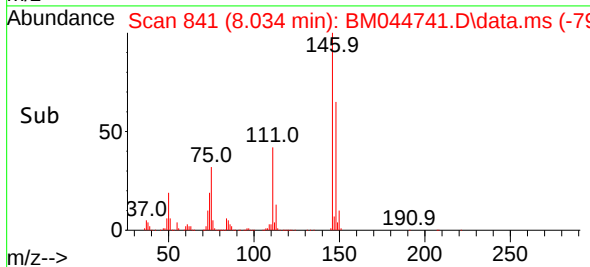
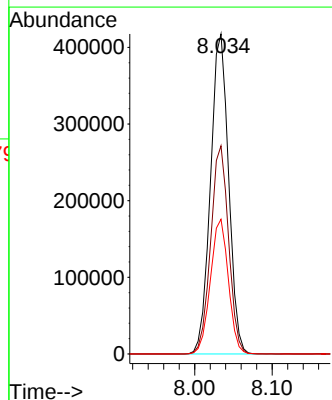
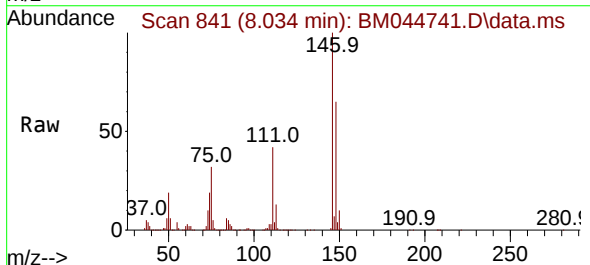
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

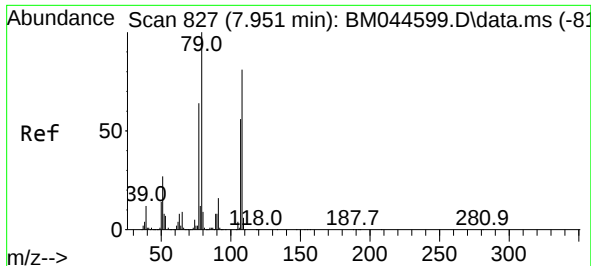
Tgt Ion:146 Resp: 712996  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.5 77.3  
111 39.7 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 47.500 ng  
RT: 8.034 min Scan# 841  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:146 Resp: 675844  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
111 42.1 33.4 50.2

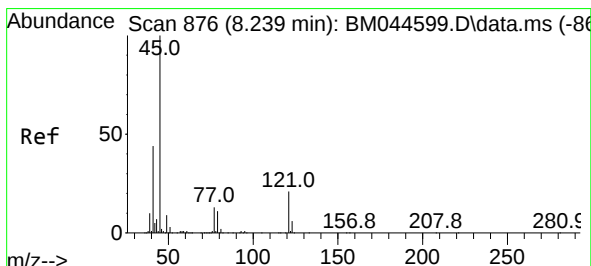
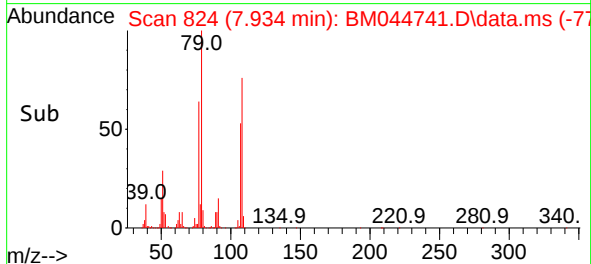
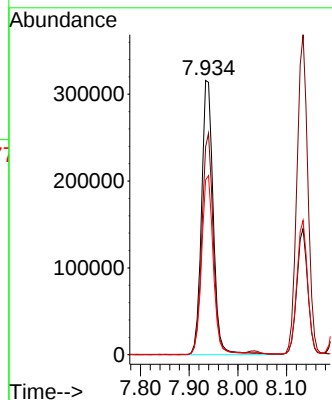
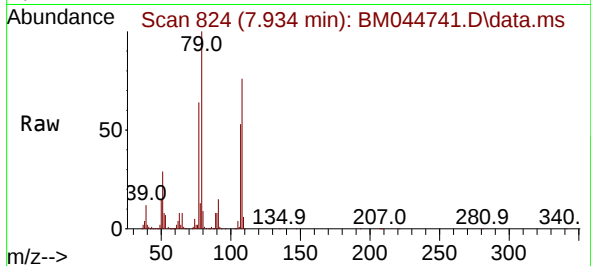




#15  
Benzyl Alcohol  
Concen: 45.185 ng  
RT: 7.934 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

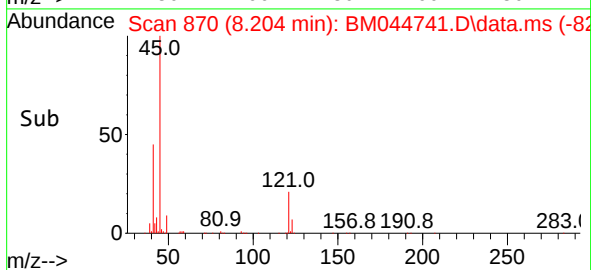
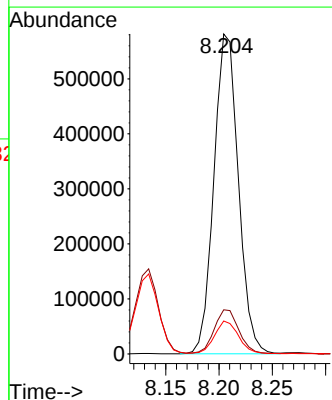
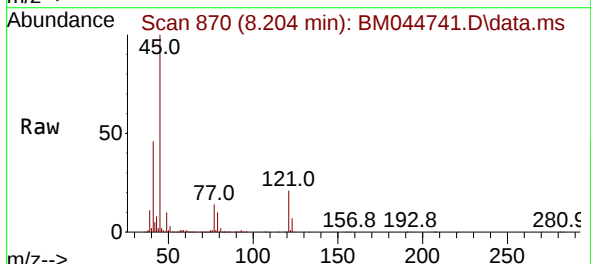
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

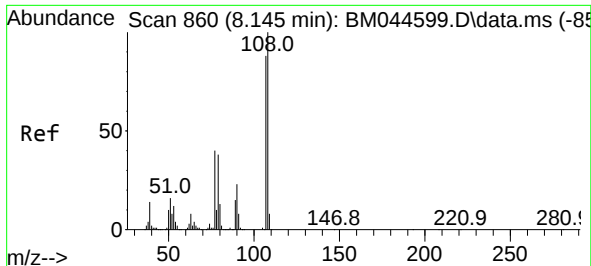
Tgt Ion: 79 Resp: 528246  
Ion Ratio Lower Upper  
79 100  
108 75.8 65.0 97.6  
77 63.7 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.190 ng  
RT: 8.204 min Scan# 870  
Delta R.T. -0.035 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 45 Resp: 928585  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 33.7  
79 10.3 0.0 31.2





#17

2-Methylphenol

Concen: 41.539 ng

RT: 8.134 min Scan# 8

Delta R.T. -0.011 min

Lab File: BM044741.D

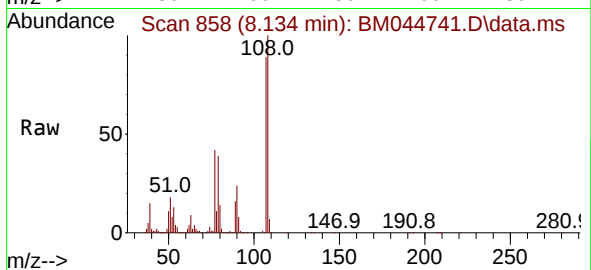
Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS



Tgt Ion:107 Resp: 503108

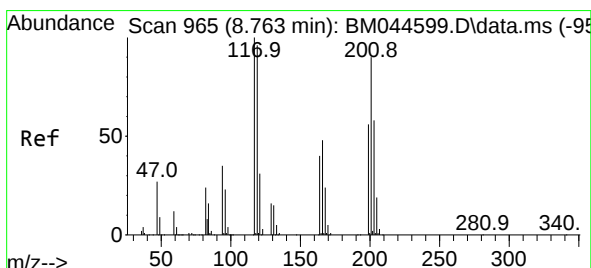
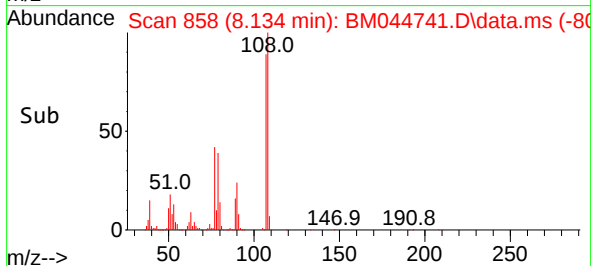
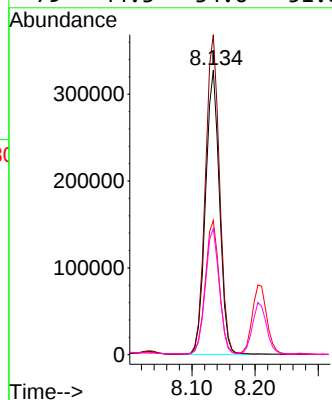
Ion Ratio Lower Upper

107 100

108 112.5 90.7 136.1

77 47.2 36.2 54.2

79 44.3 34.6 51.8



#18

Hexachloroethane

Concen: 49.659 ng

RT: 8.746 min Scan# 962

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

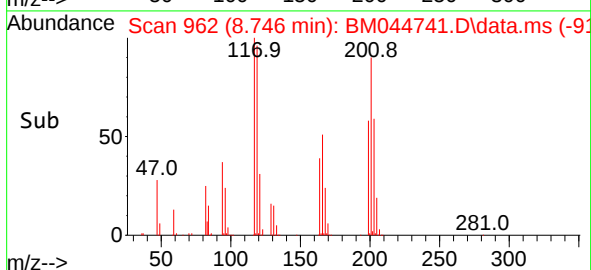
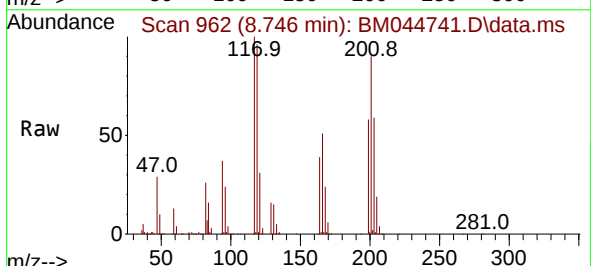
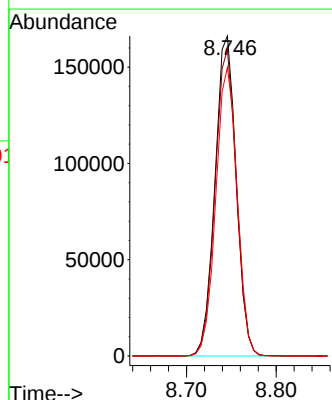
Tgt Ion:117 Resp: 273900

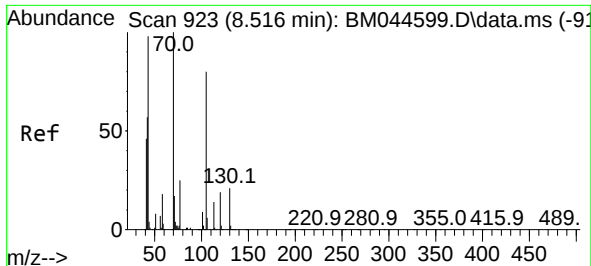
Ion Ratio Lower Upper

117 100

119 95.9 76.8 115.2

201 90.2 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.408 ng

RT: 8.499 min Scan# 91

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

Tgt Ion: 70 Resp: 417098

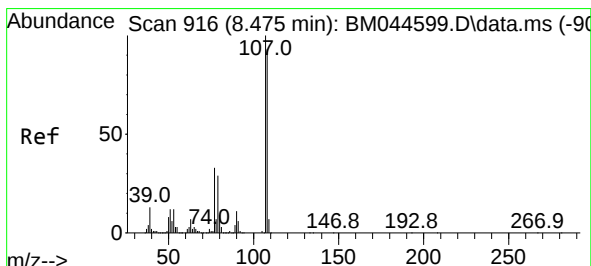
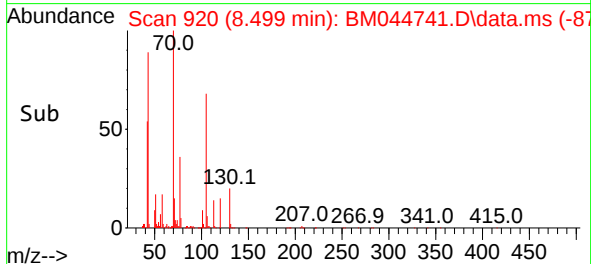
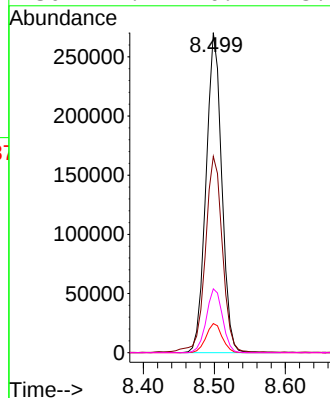
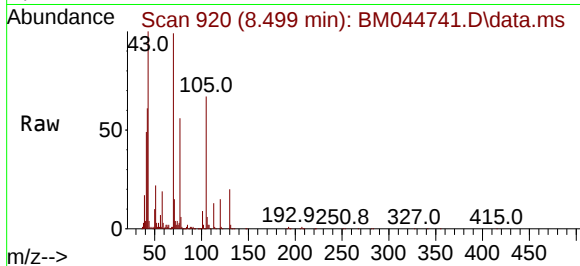
Ion Ratio Lower Upper

70 100

42 61.3 46.6 69.8

101 9.1 7.6 11.4

130 19.9 16.7 25.1



#20

3+4-Methylphenols

Concen: 42.225 ng

RT: 8.457 min Scan# 913

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Tgt Ion: 107 Resp: 690155

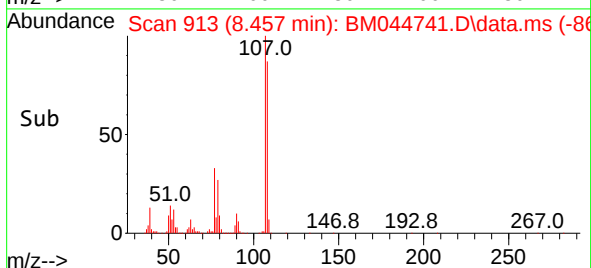
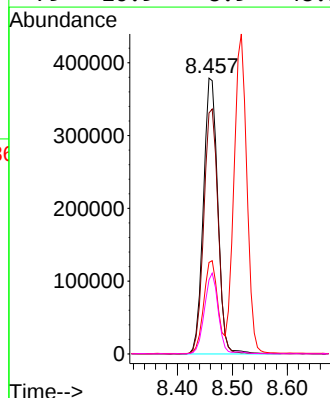
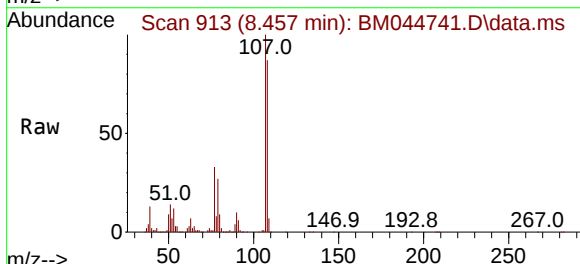
Ion Ratio Lower Upper

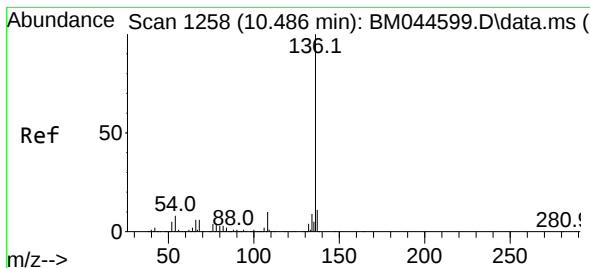
107 100

108 87.3 72.7 112.7

77 33.1 13.3 53.3

79 26.9 8.9 48.9

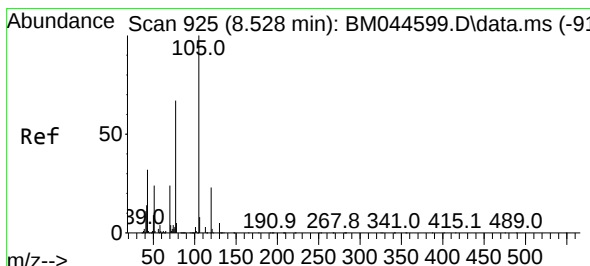
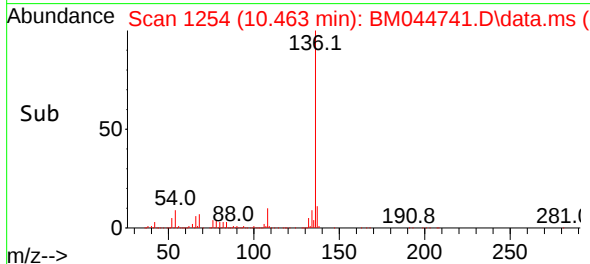
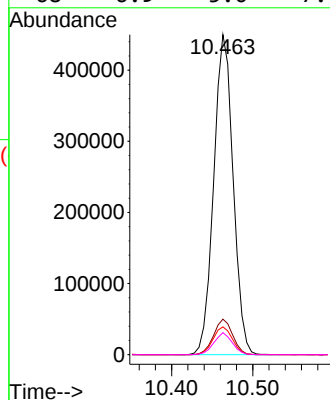
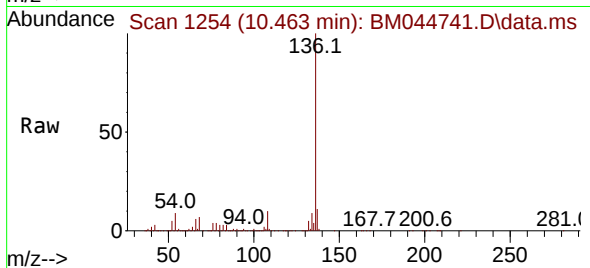




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.463 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

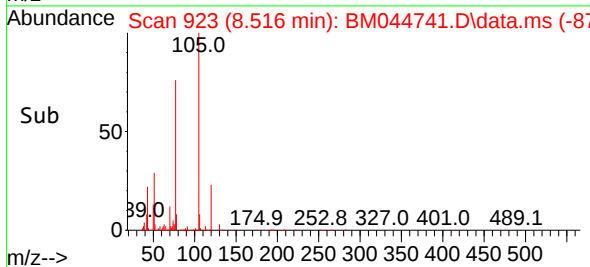
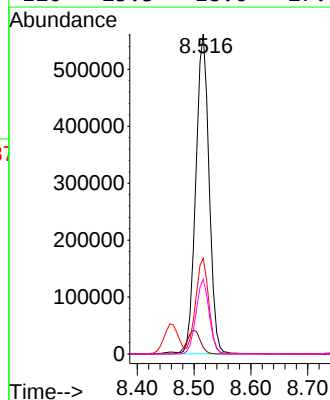
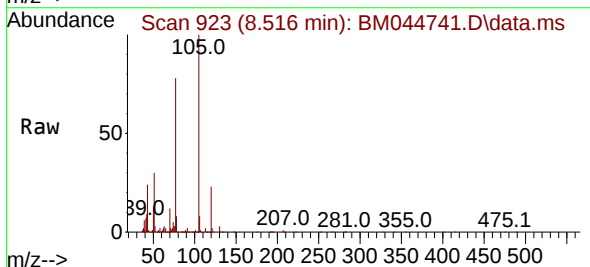
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

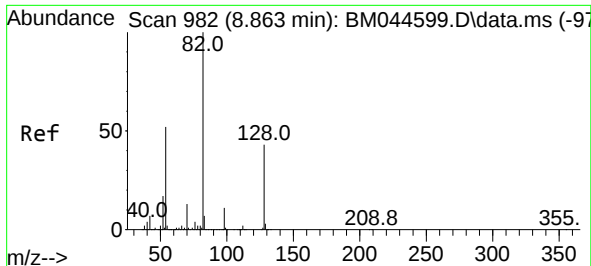
Tgt Ion:136 Resp: 747386  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 8.7 6.6 10.0  
68 6.9 5.0 7.4



#22  
Acetophenone  
Concen: 46.518 ng  
RT: 8.516 min Scan# 923  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:105 Resp: 913380  
Ion Ratio Lower Upper  
105 100  
71 2.1 3.4 5.2#  
51 29.9 22.2 33.4  
120 23.3 18.6 27.8

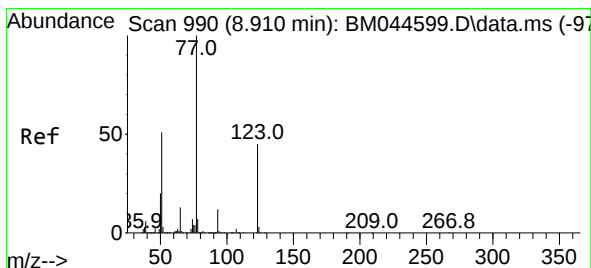
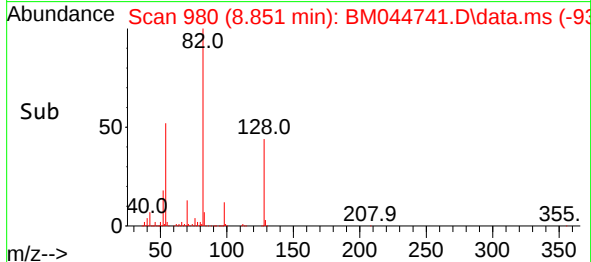
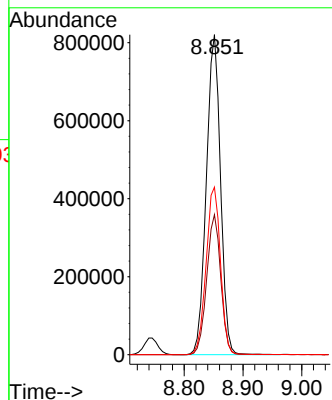
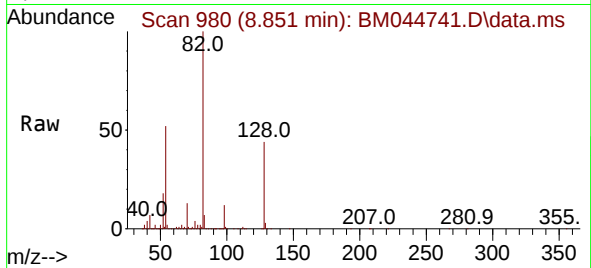




#23  
Nitrobenzene-d5  
Concen: 88.684 ng  
RT: 8.851 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

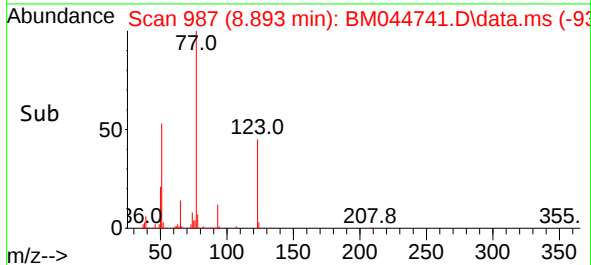
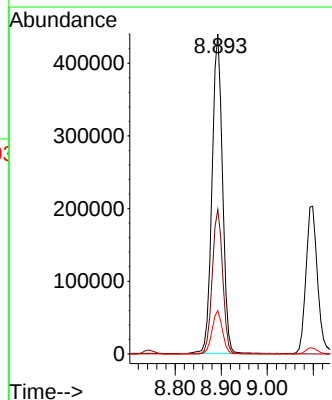
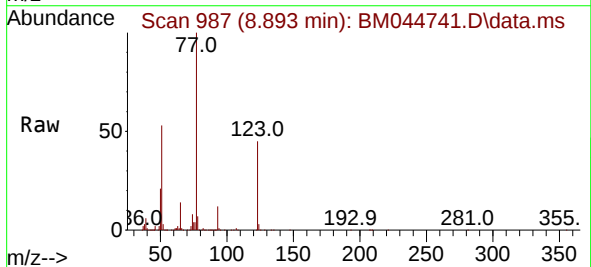
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

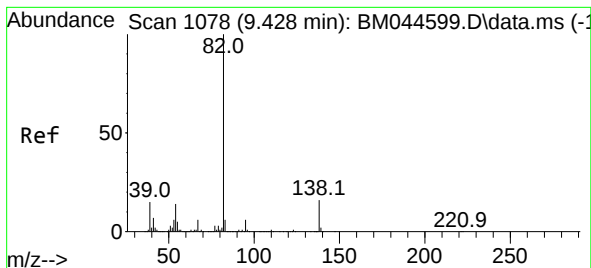
Tgt Ion: 82 Resp: 1375820  
Ion Ratio Lower Upper  
82 100  
128 43.7 34.2 51.4  
54 52.3 41.3 61.9



#24  
Nitrobenzene  
Concen: 45.291 ng  
RT: 8.893 min Scan# 987  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 77 Resp: 694560  
Ion Ratio Lower Upper  
77 100  
123 45.1 35.9 53.9  
65 13.6 10.7 16.1





#25

Isophorone

Concen: 45.528 ng

RT: 9.410 min Scan# 1107

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

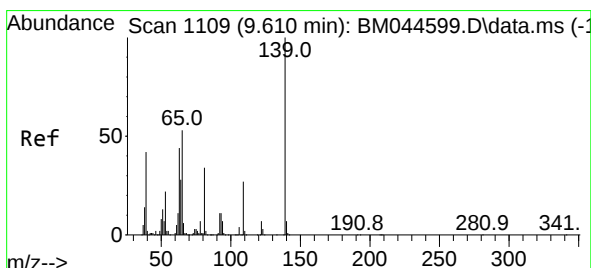
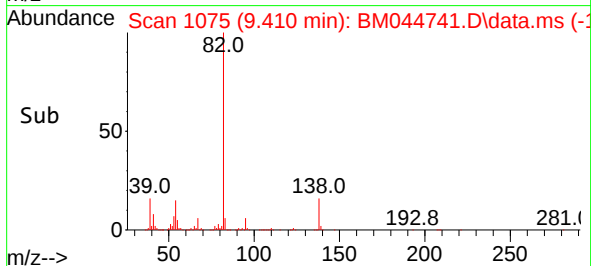
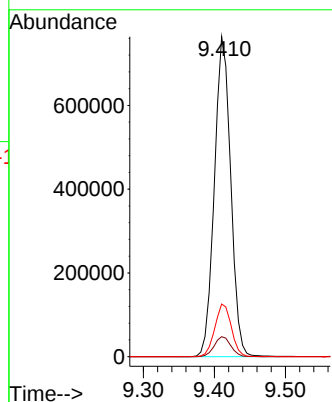
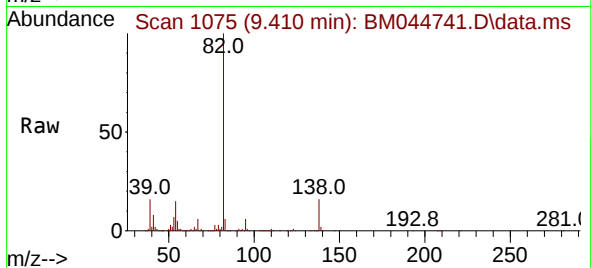
Tgt Ion: 82 Resp: 1218651

Ion Ratio Lower Upper

82 100

95 6.3 4.9 7.3

138 16.5 12.9 19.3



#26

2-Nitrophenol

Concen: 49.044 ng

RT: 9.593 min Scan# 1106

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

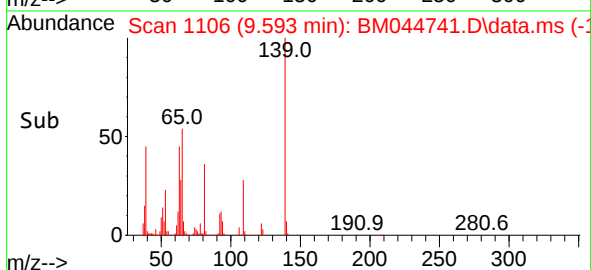
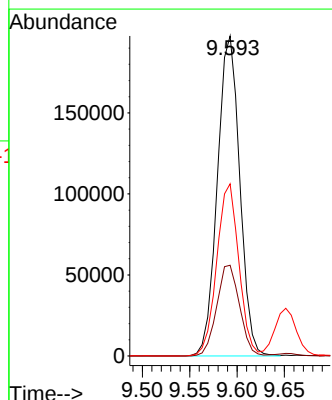
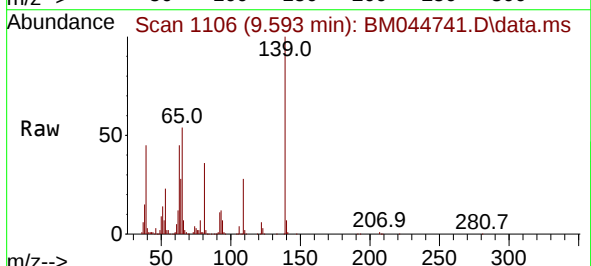
Tgt Ion:139 Resp: 324545

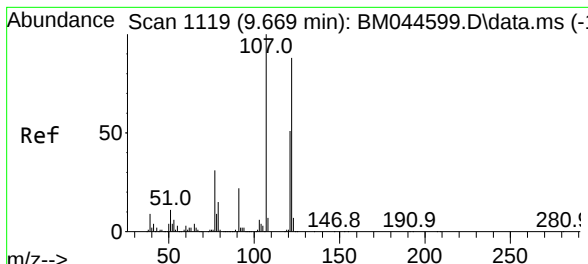
Ion Ratio Lower Upper

139 100

109 28.3 21.2 31.8

65 53.8 42.4 63.6



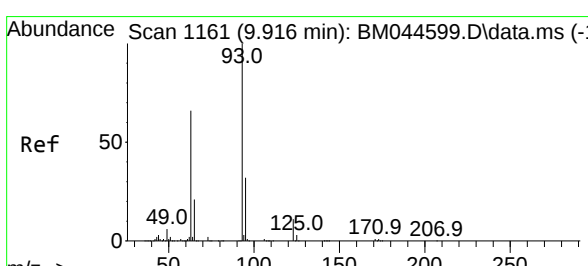
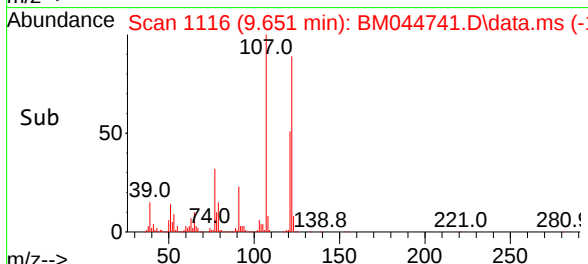
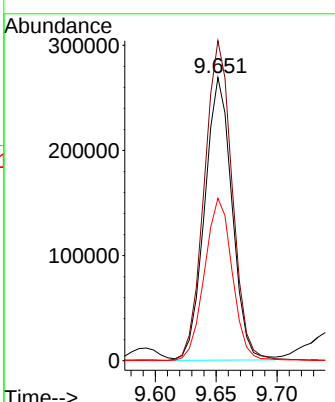
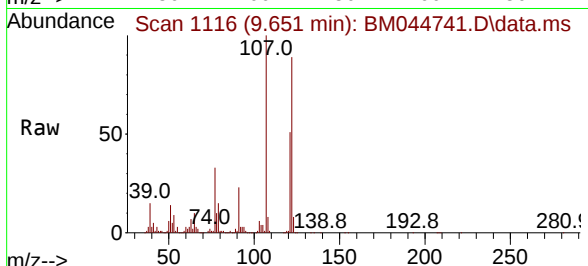


#27  
 2,4-Dimethylphenol  
 Concen: 36.175 ng  
 RT: 9.651 min Scan# 1116  
 Delta R.T. -0.017 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

Instrument : BNA\_M  
 ClientSampleId : PB159703BS

Tgt Ion:122 Resp: 420980

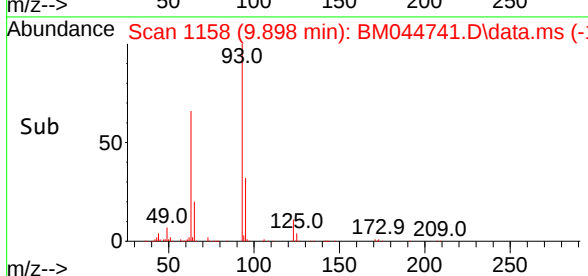
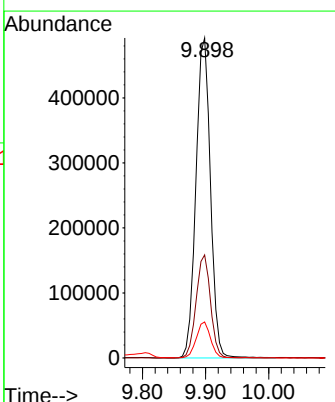
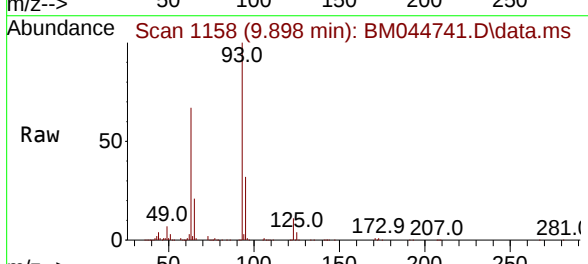
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 113.0 | 90.5  | 135.7 |
| 121 | 57.3  | 46.2  | 69.4  |

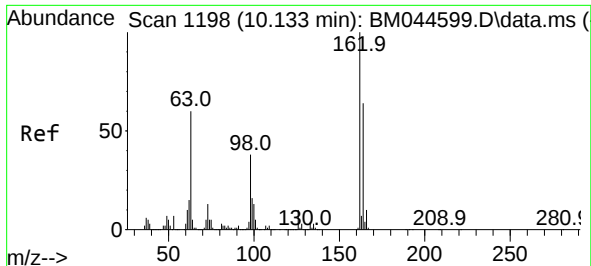


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.159 ng  
 RT: 9.898 min Scan# 1158  
 Delta R.T. -0.017 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

Tgt Ion: 93 Resp: 784921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.2  | 25.8  | 38.6  |
| 123 | 11.3  | 9.0   | 13.4  |





#29

2,4-Dichlorophenol

Concen: 47.451 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

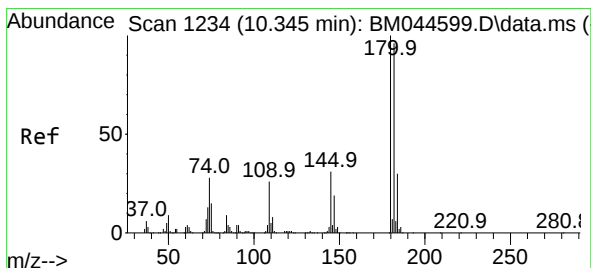
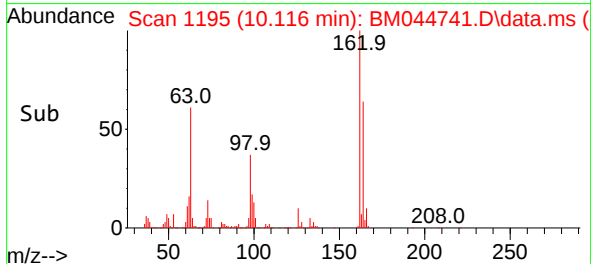
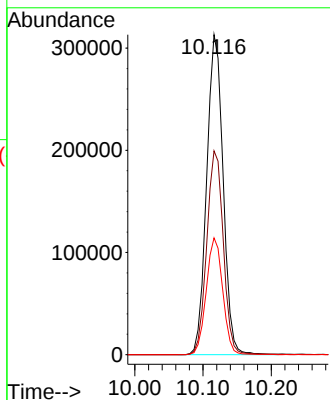
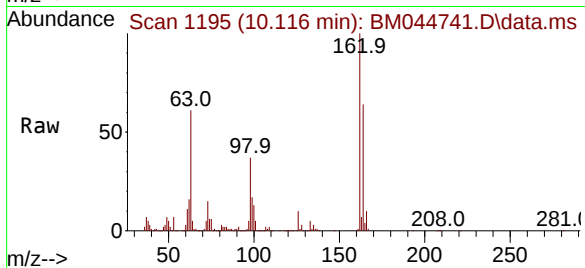
Tgt Ion:162 Resp: 526291

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

98 36.5 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 48.004 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

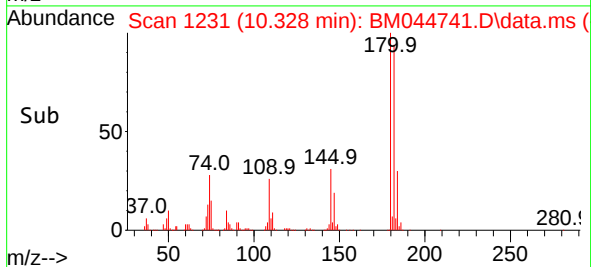
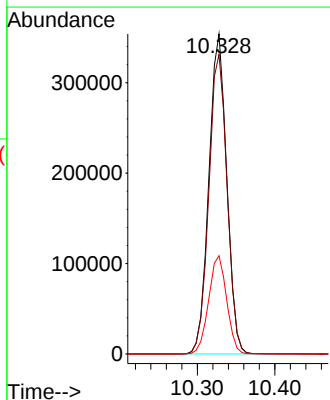
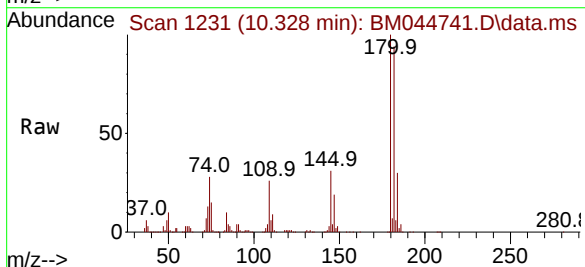
Tgt Ion:180 Resp: 566409

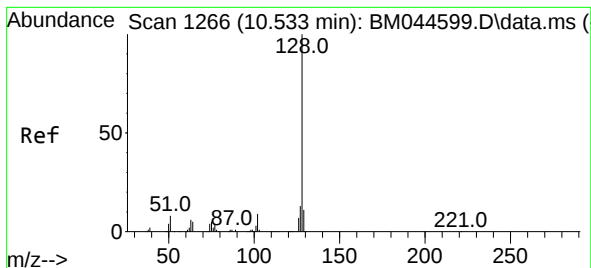
Ion Ratio Lower Upper

180 100

182 93.6 76.6 115.0

145 30.7 24.6 36.8





#31

Naphthalene

Concen: 45.125 ng

RT: 10.516 min Scan# 11

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

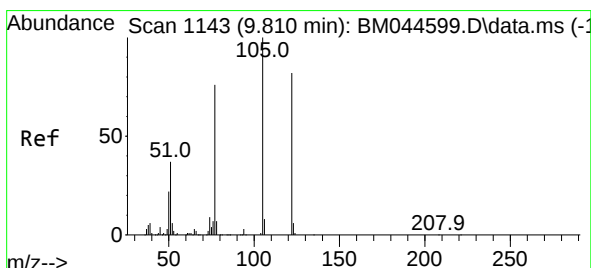
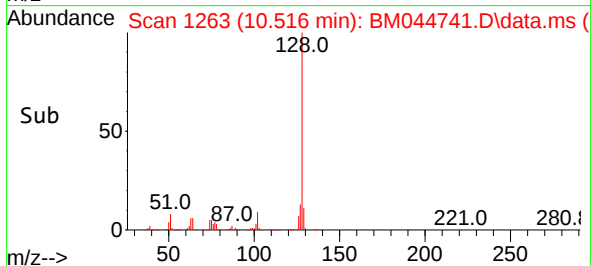
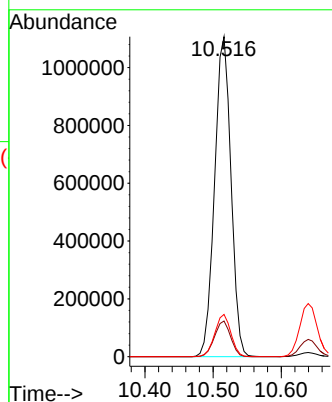
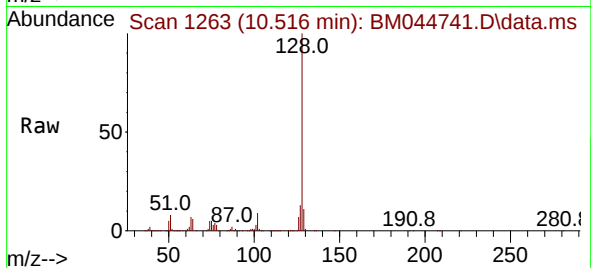
Tgt Ion:128 Resp: 1850898

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.2 10.2 15.4



#32

Benzoic acid

Concen: 38.628 ng

RT: 9.804 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

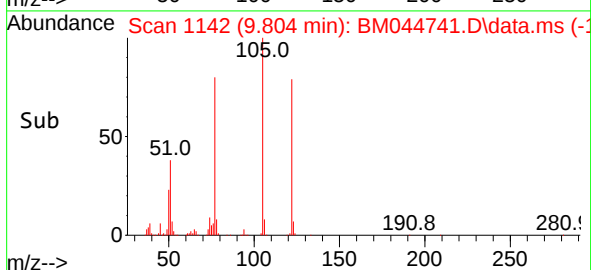
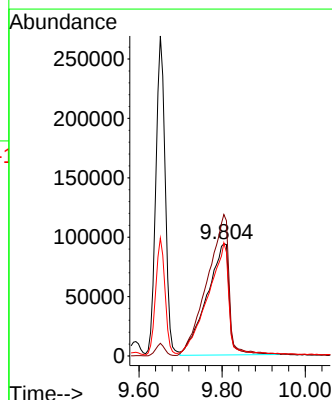
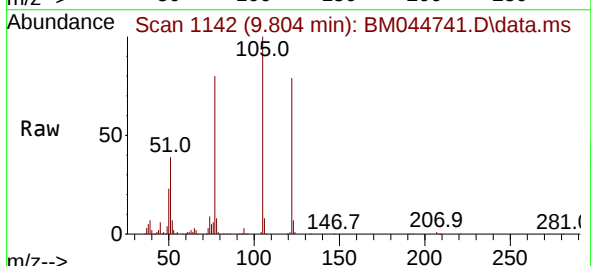
Tgt Ion:122 Resp: 351654

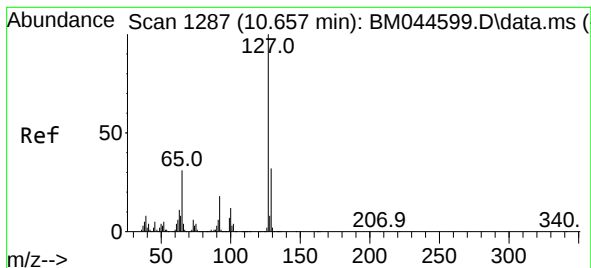
Ion Ratio Lower Upper

122 100

105 126.1 100.0 140.0

77 100.9 72.5 112.5





#33

4-Chloroaniline

Concen: 19.967 ng

RT: 10.640 min Scan# 11

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

Tgt Ion:127 Resp: 343587

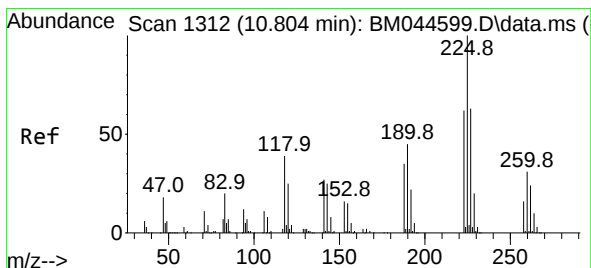
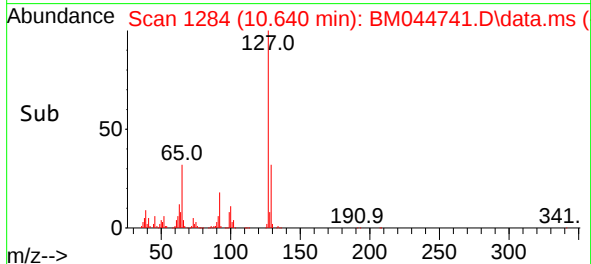
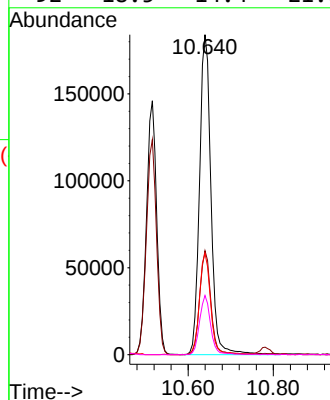
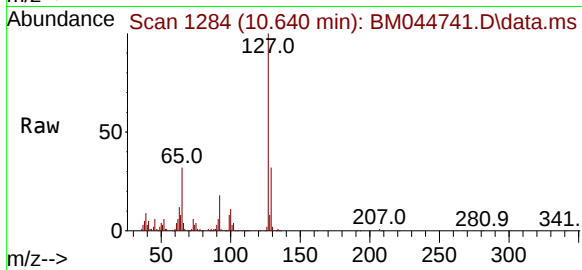
Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 31.6 25.1 37.7

92 18.5 14.4 21.6



#34

Hexachlorobutadiene

Concen: 48.562 ng

RT: 10.781 min Scan# 1308

Delta R.T. -0.023 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

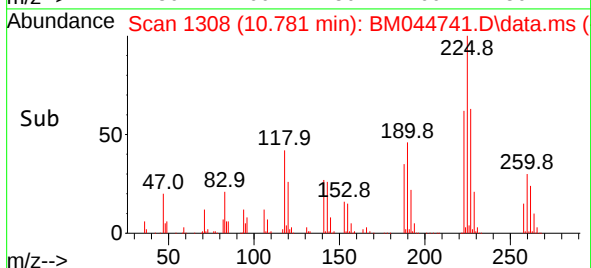
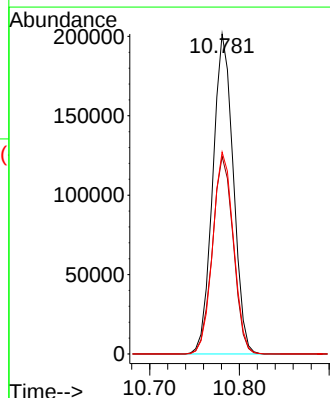
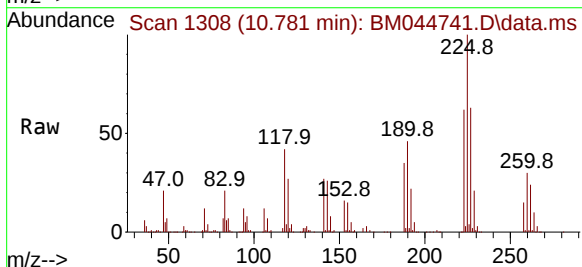
Tgt Ion:225 Resp: 319481

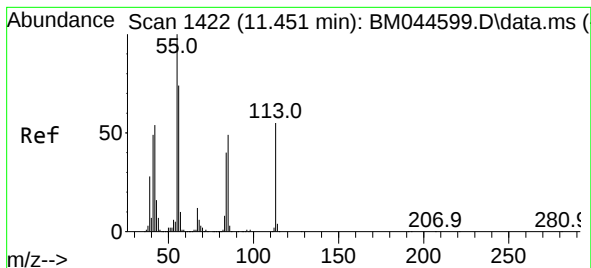
Ion Ratio Lower Upper

225 100

223 61.7 49.9 74.9

227 63.1 50.6 75.8

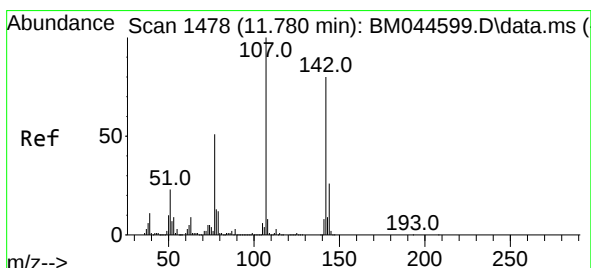
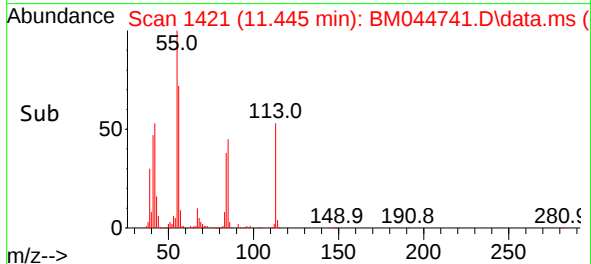
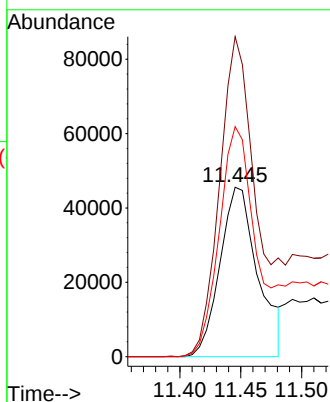
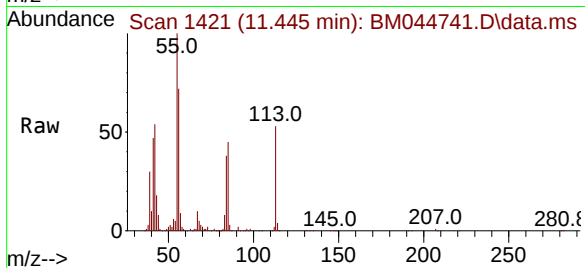




#35  
Caprolactam  
Concen: 27.585 ng  
RT: 11.445 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

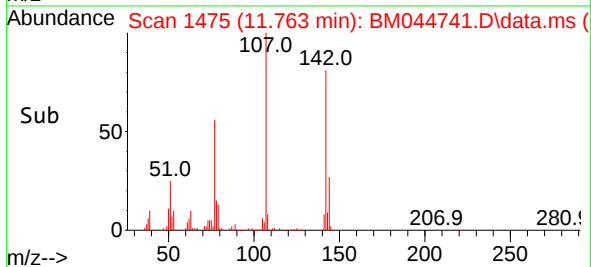
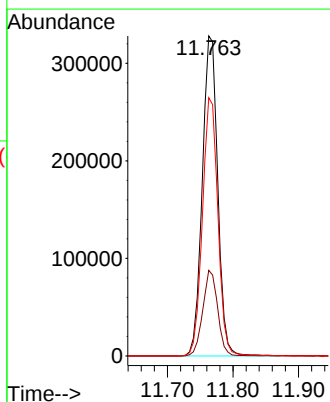
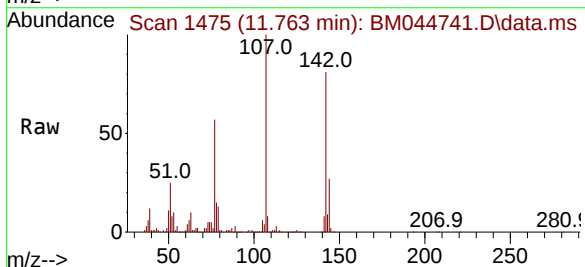
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

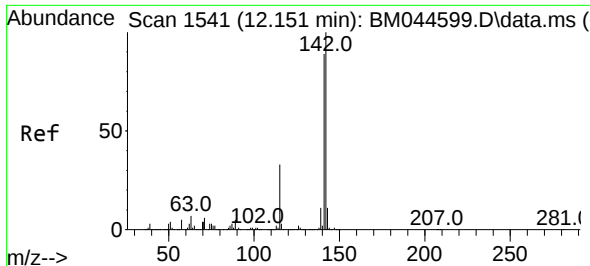
Tgt Ion:113 Resp: 98693  
Ion Ratio Lower Upper  
113 100  
55 188.8 161.1 201.1  
56 135.8 113.2 153.2



#36  
4-Chloro-3-methylphenol  
Concen: 44.315 ng  
RT: 11.763 min Scan# 1475  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:107 Resp: 539345  
Ion Ratio Lower Upper  
107 100  
144 26.7 20.8 31.2  
142 80.7 63.8 95.8

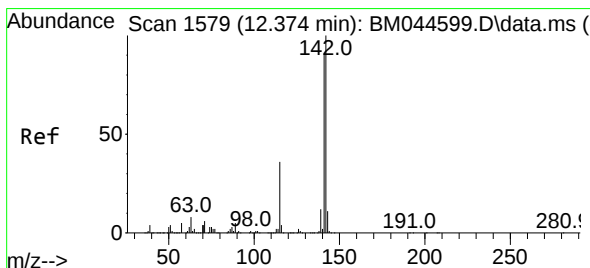
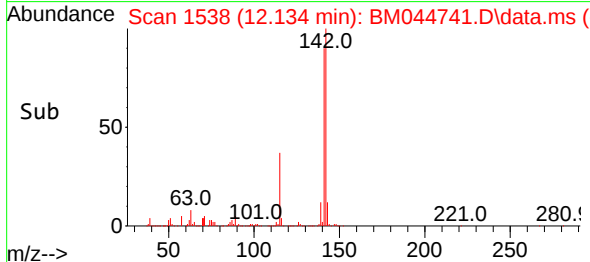
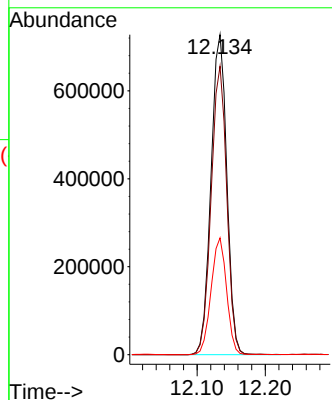
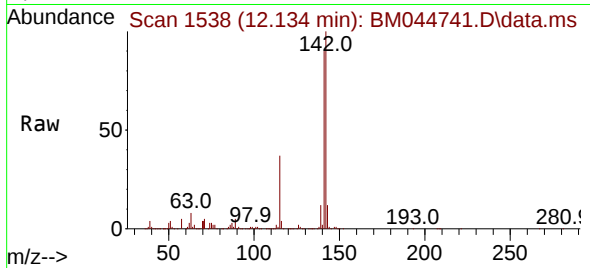




#37  
2-Methylnaphthalene  
Concen: 42.212 ng  
RT: 12.134 min Scan# 1538  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

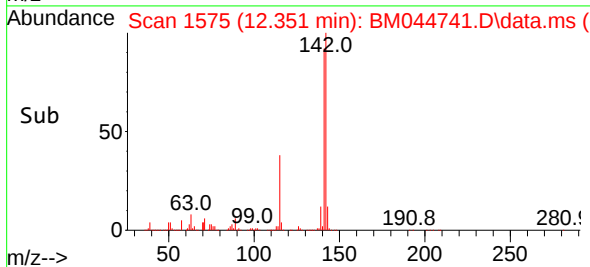
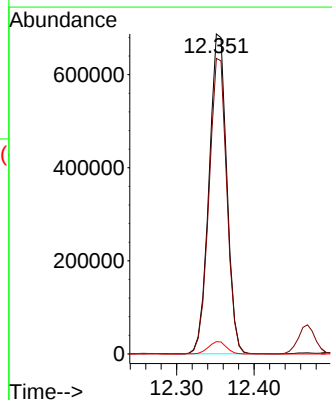
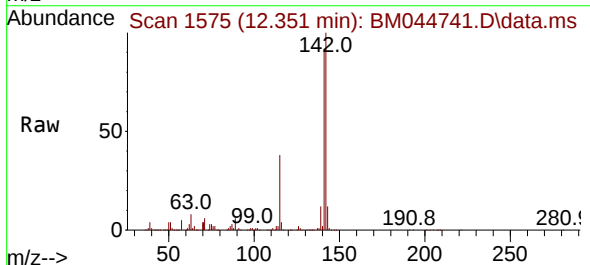
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

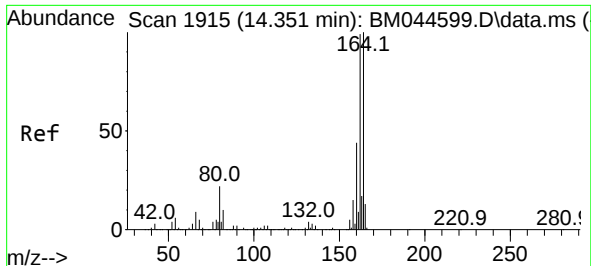
Tgt Ion:142 Resp: 1175156  
Ion Ratio Lower Upper  
142 100  
141 90.1 71.0 106.6  
115 36.5 26.6 40.0



#38  
1-Methylnaphthalene  
Concen: 42.195 ng  
RT: 12.351 min Scan# 1575  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:142 Resp: 1094786  
Ion Ratio Lower Upper  
142 100  
141 92.3 72.9 109.3  
116 3.9 2.9 4.3

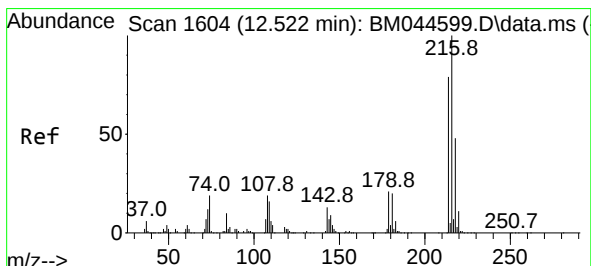
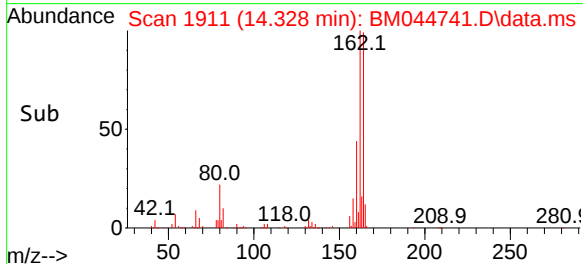
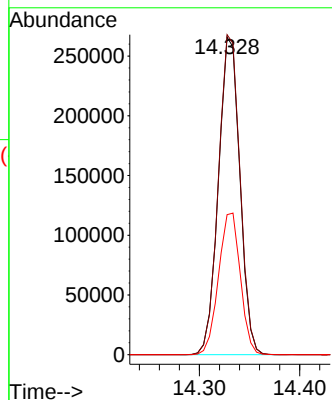
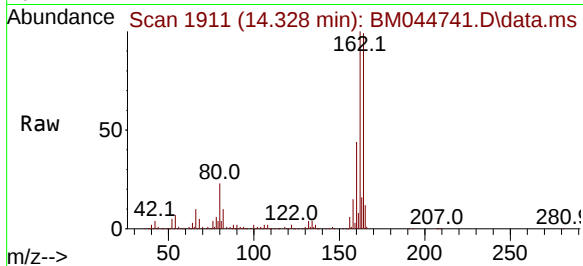




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.328 min Scan# 1911  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

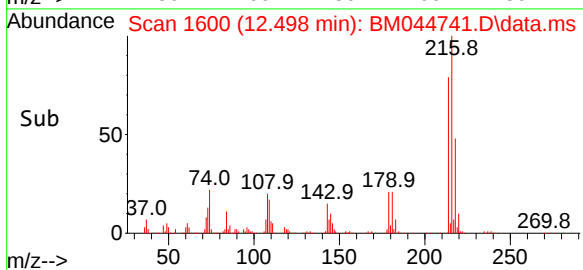
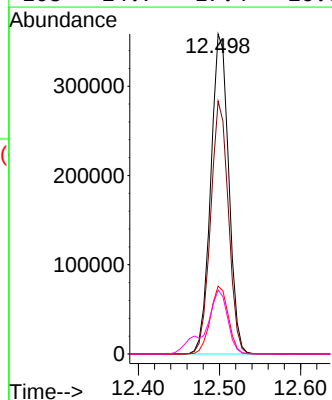
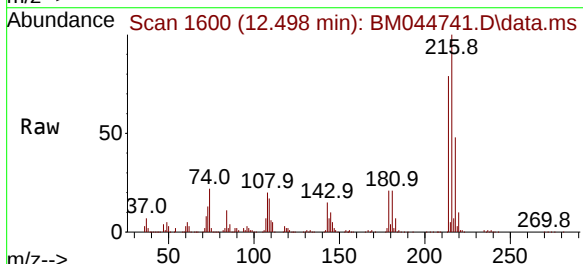
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

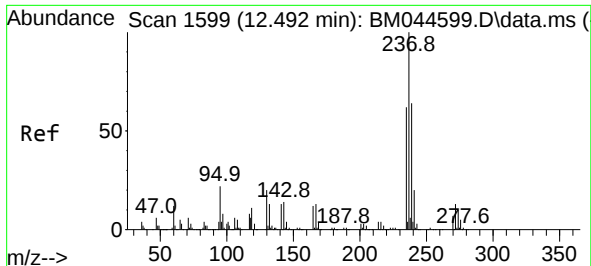
Tgt Ion:164 Resp: 393974  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.3 118.9  
160 44.1 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.145 ng  
RT: 12.498 min Scan# 1600  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:216 Resp: 549443  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.9 94.3  
179 21.1 16.9 25.3  
108 24.7 17.4 26.0

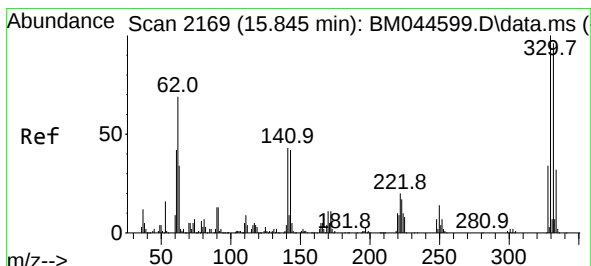
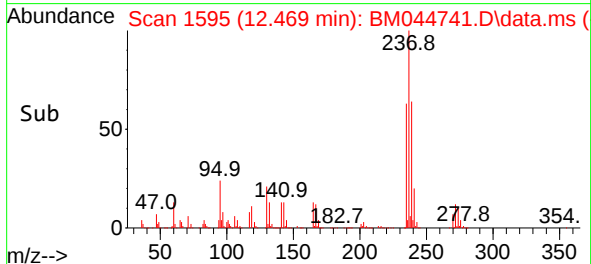
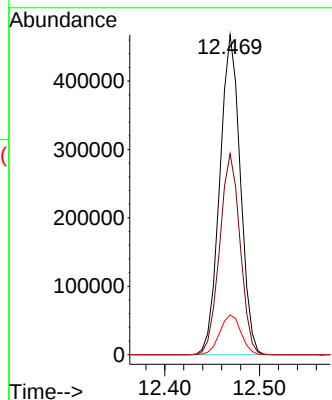
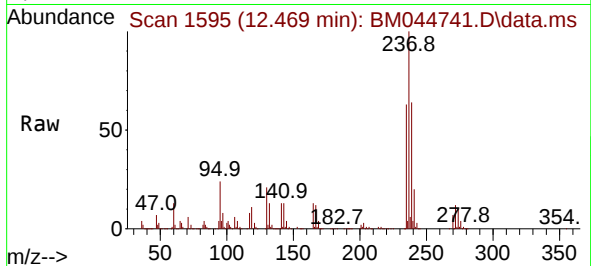




#41  
Hexachlorocyclopentadiene  
Concen: 110.824 ng  
RT: 12.469 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

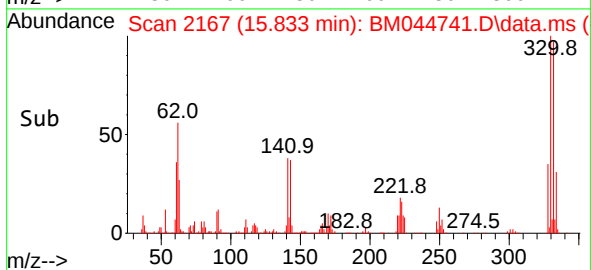
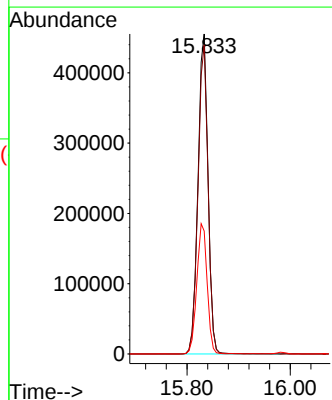
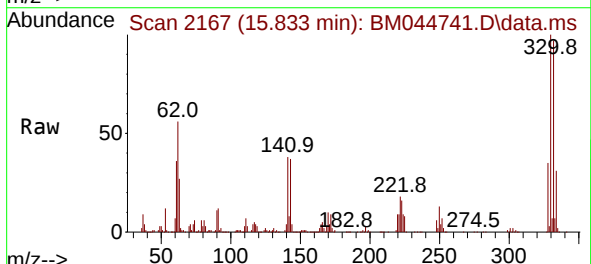
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

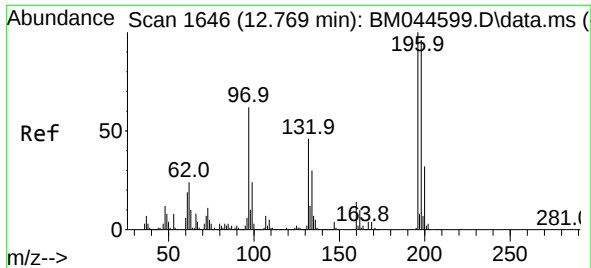
Tgt Ion:237 Resp: 705854  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.1 82.1  
272 12.4 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 141.206 ng  
RT: 15.833 min Scan# 2167  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:330 Resp: 613596  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.8  
141 42.0 33.4 50.0

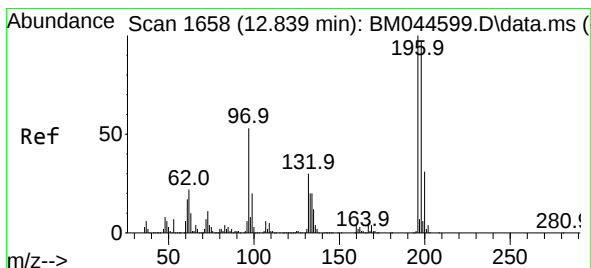
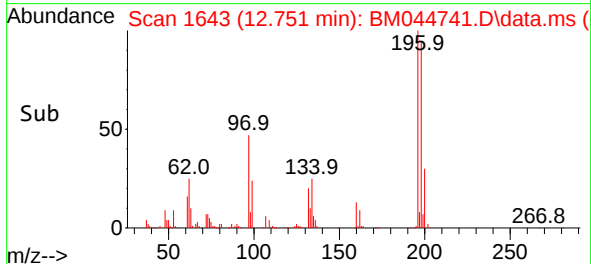
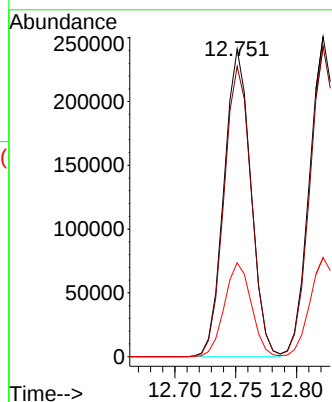
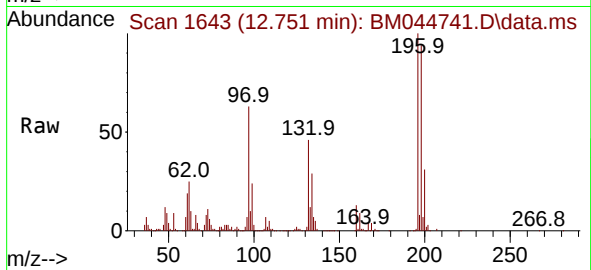




#43  
2,4,6-Trichlorophenol  
Concen: 48.960 ng  
RT: 12.751 min Scan# 1  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

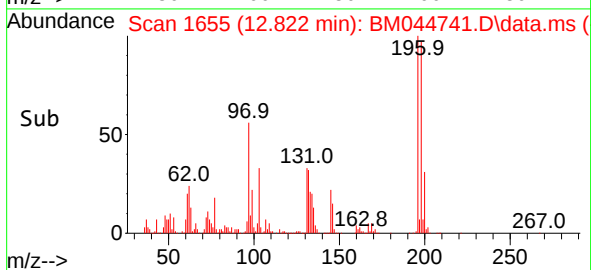
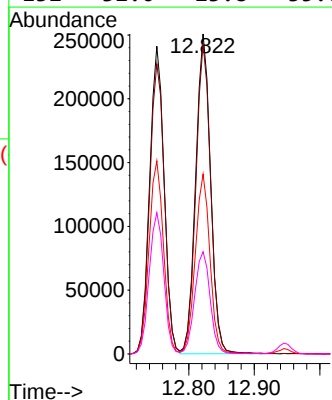
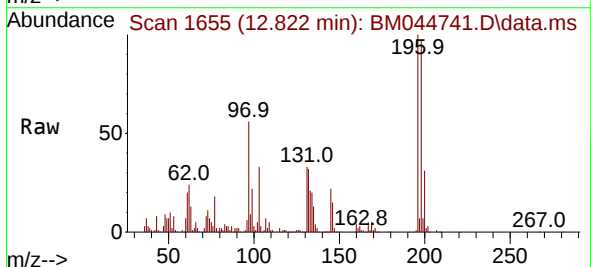
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

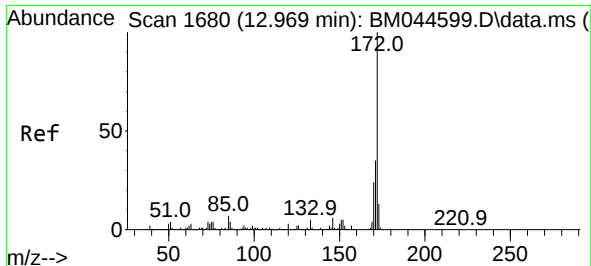
Tgt Ion:196 Resp: 369608  
Ion Ratio Lower Upper  
196 100  
198 94.3 76.9 115.3  
200 30.5 25.4 38.0



#44  
2,4,5-Trichlorophenol  
Concen: 44.435 ng  
RT: 12.822 min Scan# 1655  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:196 Resp: 397479  
Ion Ratio Lower Upper  
196 100  
198 96.9 77.7 116.5  
97 56.2 42.8 64.2  
132 32.0 23.8 35.6

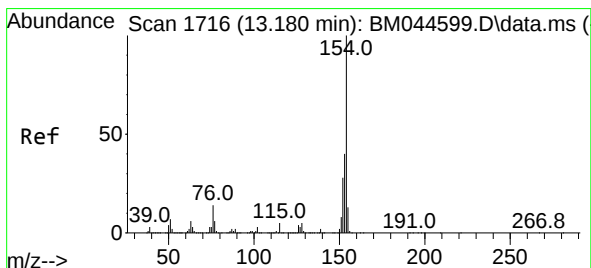
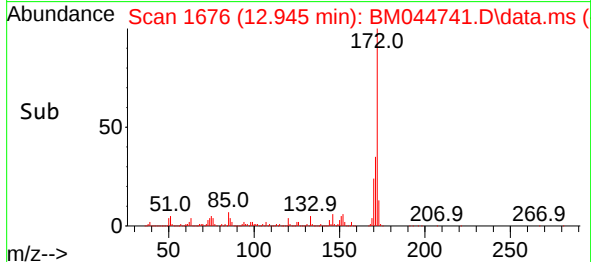
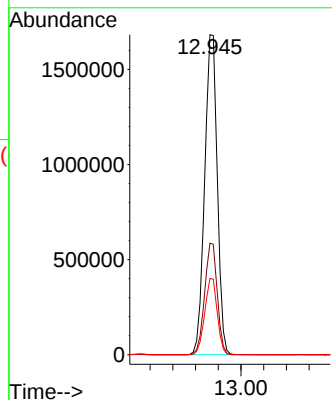
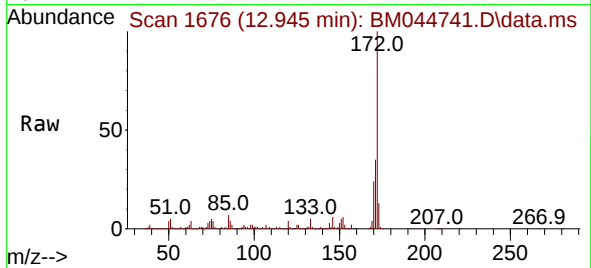




#45  
2-Fluorobiphenyl  
Concen: 90.313 ng  
RT: 12.945 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

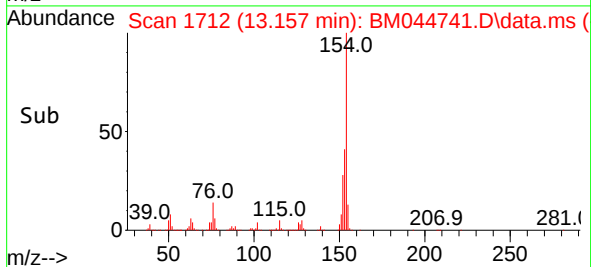
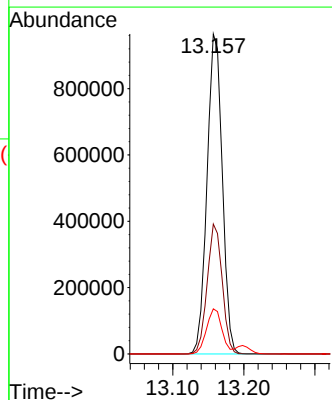
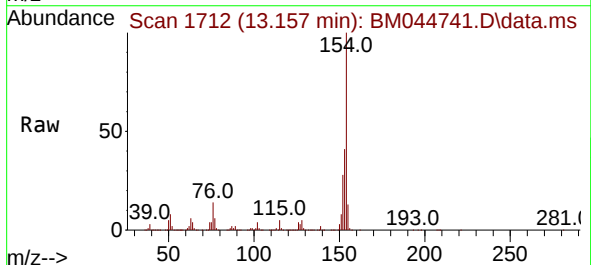
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

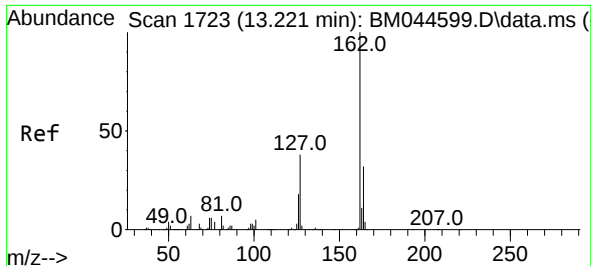
Tgt Ion:172 Resp: 2583529  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 23.8 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 46.783 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:154 Resp: 1441538  
Ion Ratio Lower Upper  
154 100  
153 40.6 19.9 59.9  
76 14.1 0.0 34.0

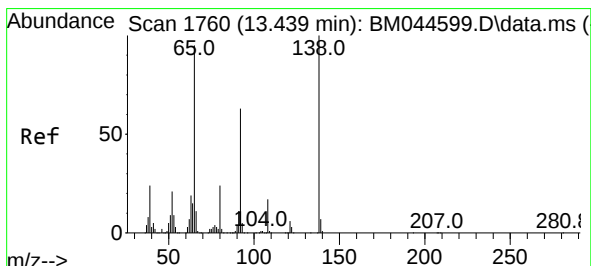
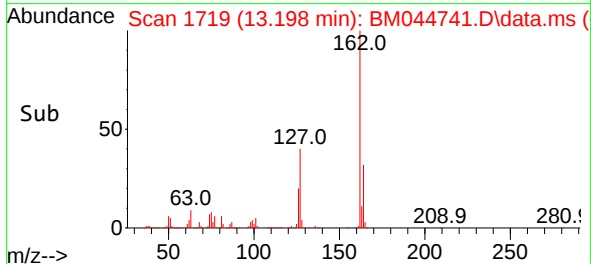
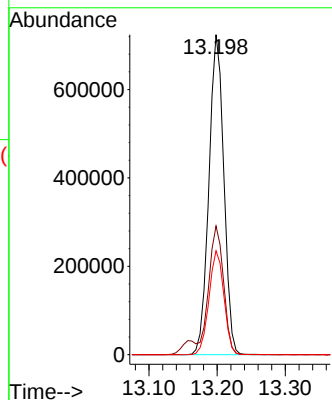
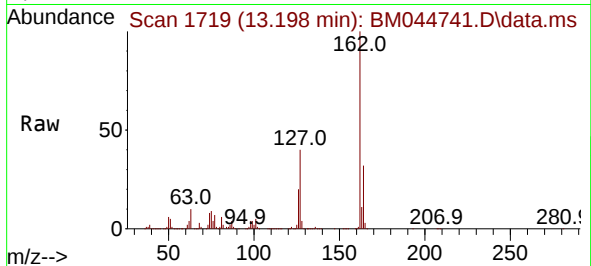




#47  
2-Chloronaphthalene  
Concen: 48.379 ng  
RT: 13.198 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

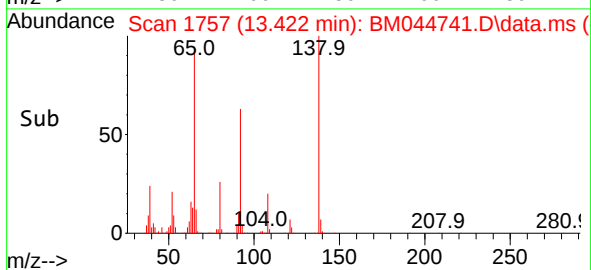
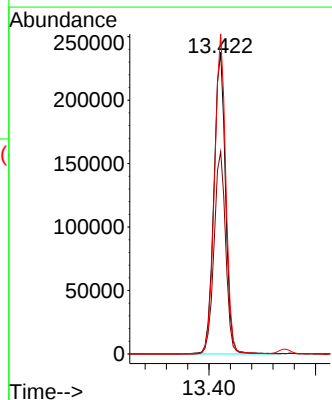
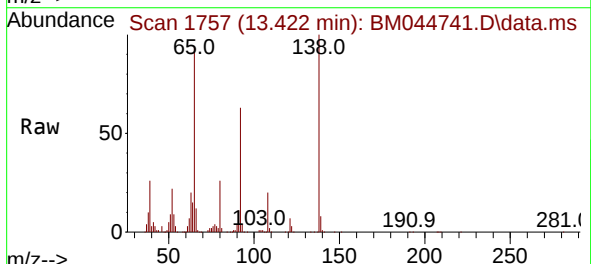
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

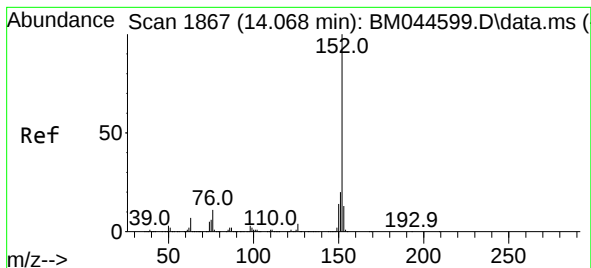
Tgt Ion:162 Resp: 1102334  
Ion Ratio Lower Upper  
162 100  
127 40.2 31.4 47.0  
164 32.5 25.8 38.8



#48  
2-Nitroaniline  
Concen: 46.631 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 65 Resp: 360511  
Ion Ratio Lower Upper  
65 100  
92 67.1 53.3 79.9  
138 106.1 84.3 126.5





#49

Acenaphthylene

Concen: 48.417 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

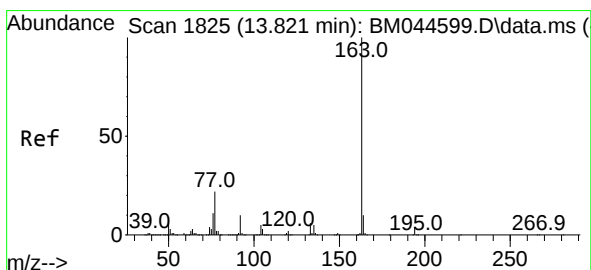
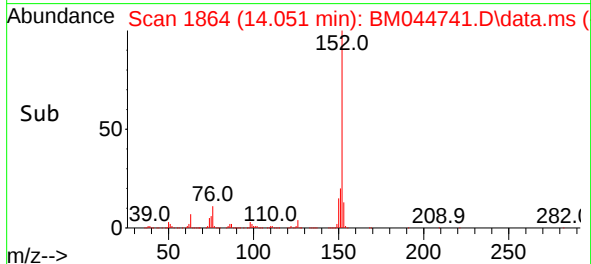
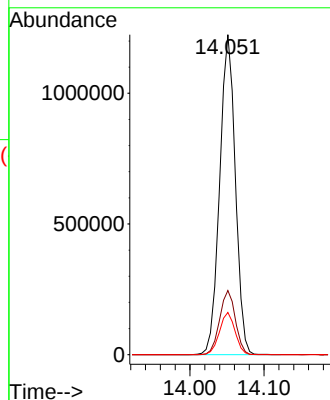
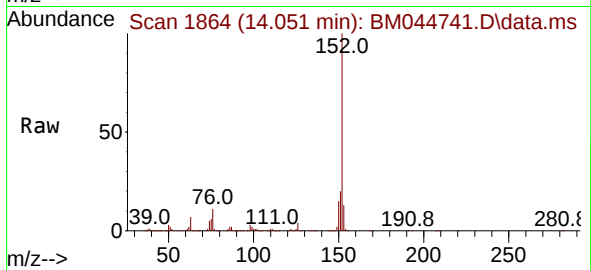
Tgt Ion:152 Resp: 1797143

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.142 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

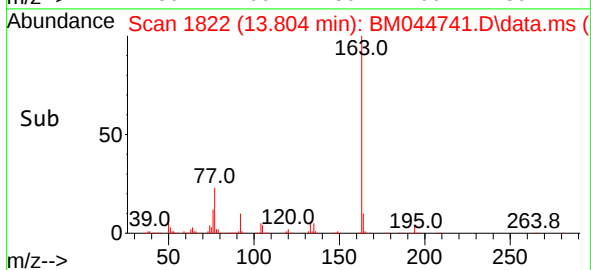
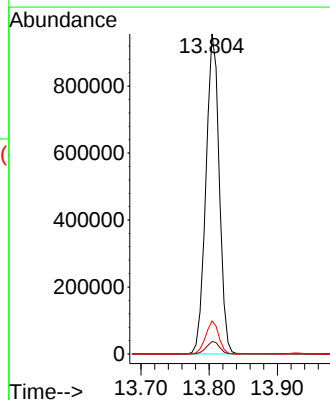
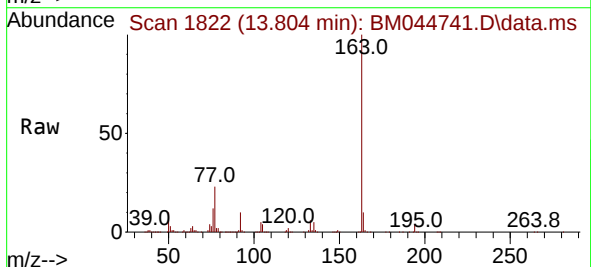
Tgt Ion:163 Resp: 1300799

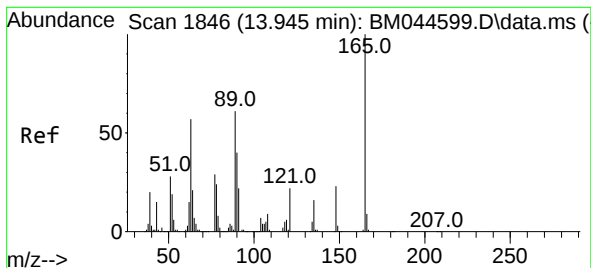
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.0 12.0

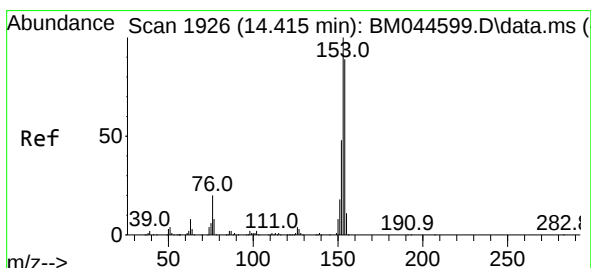
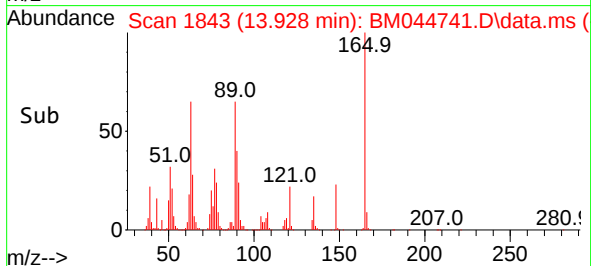
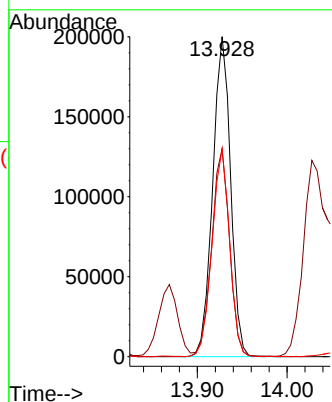
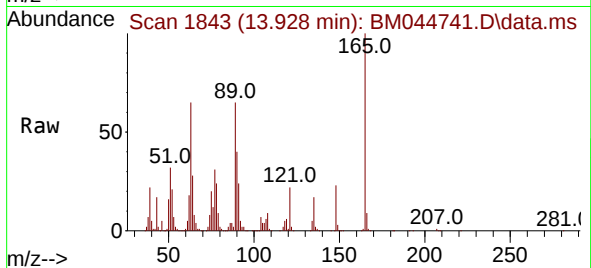




#51  
2,6-Dinitrotoluene  
Concen: 45.099 ng  
RT: 13.928 min Scan# 1843  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

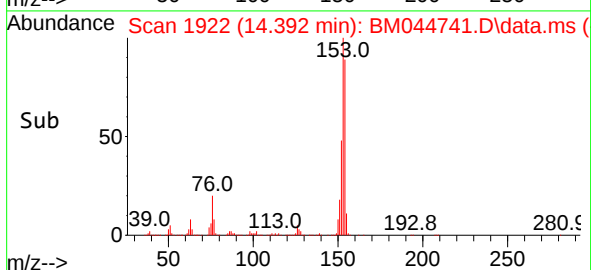
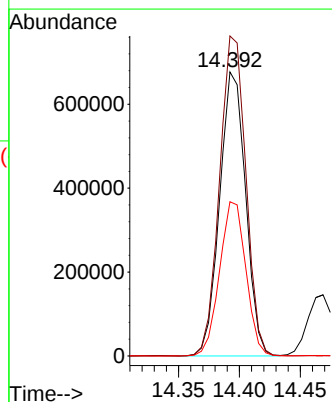
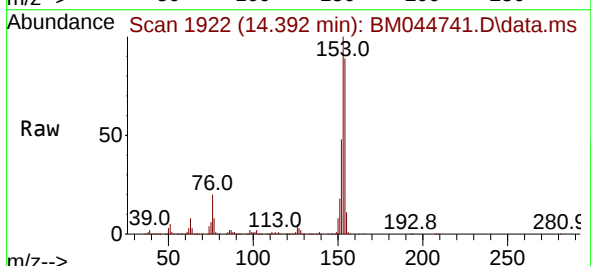
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

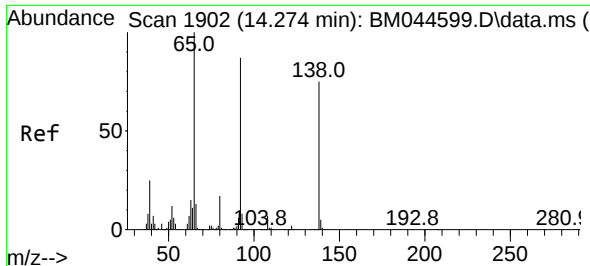
Tgt Ion:165 Resp: 276753  
Ion Ratio Lower Upper  
165 100  
63 65.0 50.4 75.6  
89 64.9 49.3 73.9



#52  
Acenaphthene  
Concen: 44.828 ng  
RT: 14.392 min Scan# 1922  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:154 Resp: 1005862  
Ion Ratio Lower Upper  
154 100  
153 112.7 90.3 135.5  
152 54.3 43.1 64.7

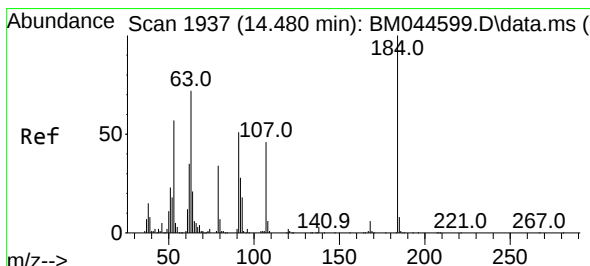
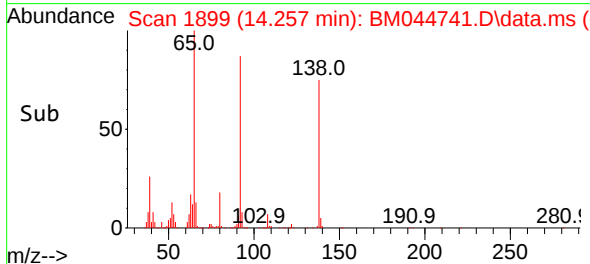
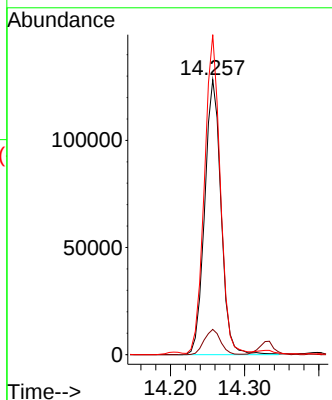
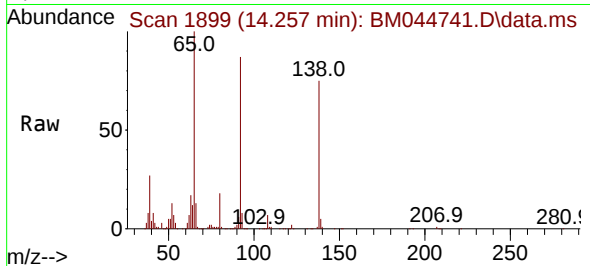




#53  
3-Nitroaniline  
Concen: 27.414 ng  
RT: 14.257 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

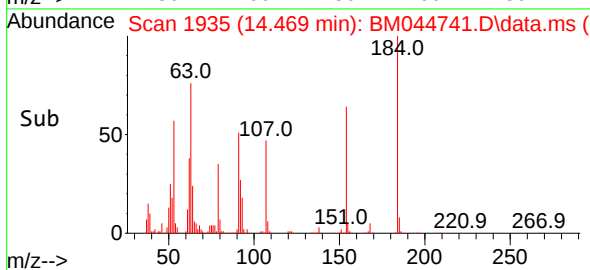
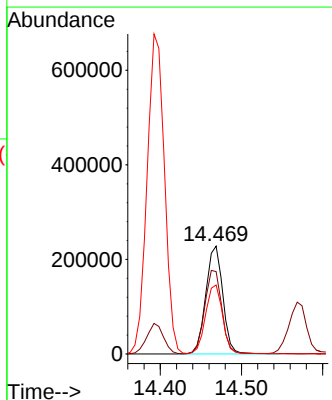
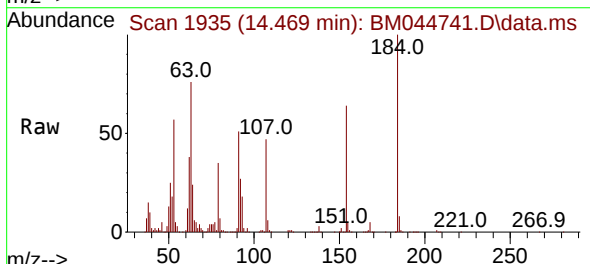
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BNA\_M  
ClientSampleId :  
PB159703BS

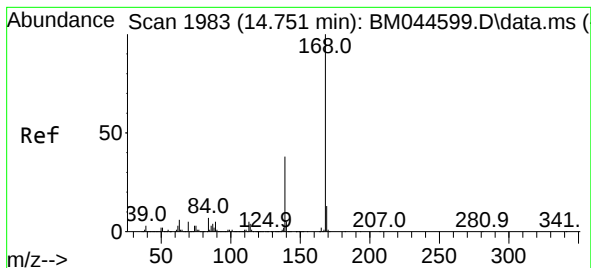
Tgt Ion:138 Resp: 196985  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.5 11.3  
92 116.3 92.8 139.2



#54  
2,4-Dinitrophenol  
Concen: 82.198 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:184 Resp: 330545  
Ion Ratio Lower Upper  
184 100  
63 76.4 62.2 93.2  
154 63.9 47.9 71.9

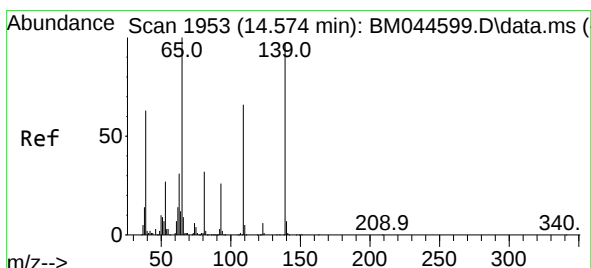
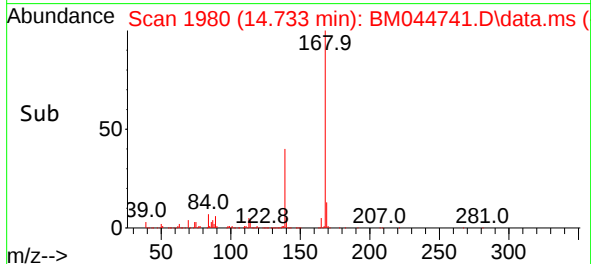
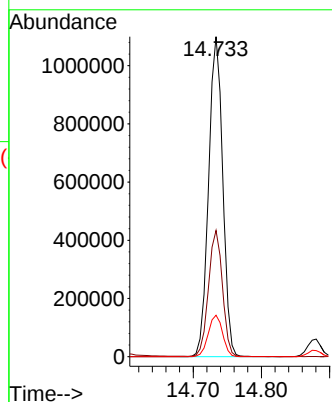
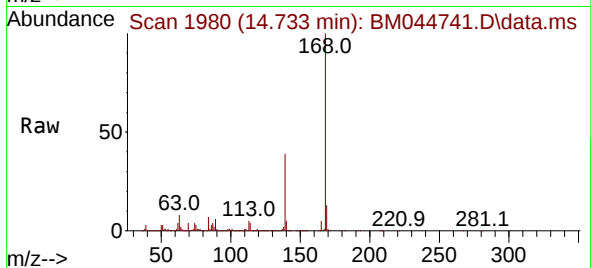




#55  
Dibenzenofuran  
Concen: 44.550 ng  
RT: 14.733 min Scan# 1980  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

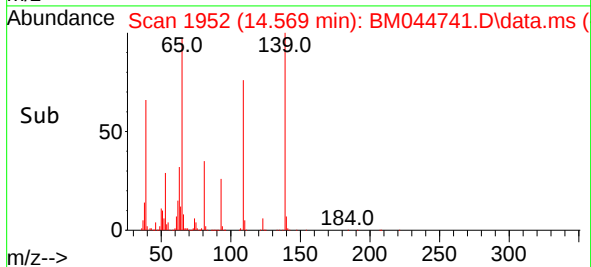
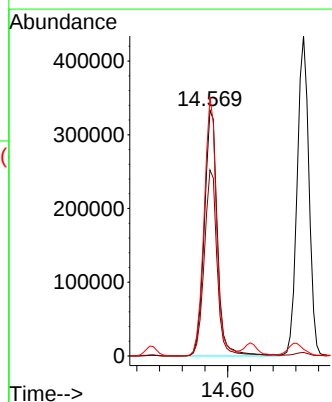
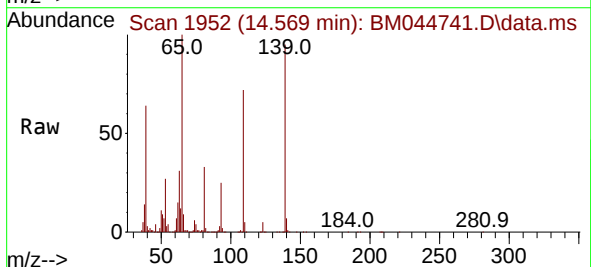
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

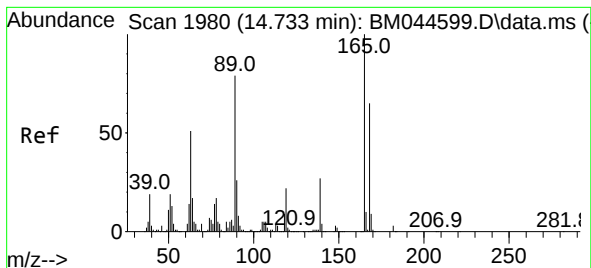
Tgt Ion:168 Resp: 1586488  
Ion Ratio Lower Upper  
168 100  
139 39.5 30.6 46.0  
169 12.9 10.6 16.0



#56  
4-Nitrophenol  
Concen: 90.373 ng  
RT: 14.569 min Scan# 1952  
Delta R.T. -0.005 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:139 Resp: 533340  
Ion Ratio Lower Upper  
139 100  
109 75.7 48.0 88.0  
65 105.5 83.5 123.5

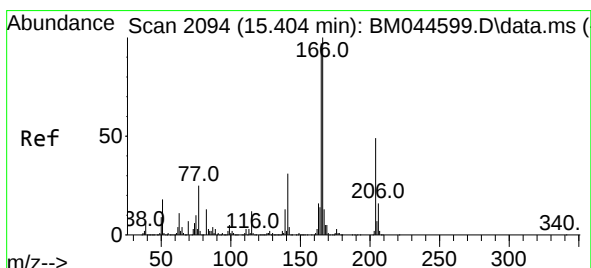
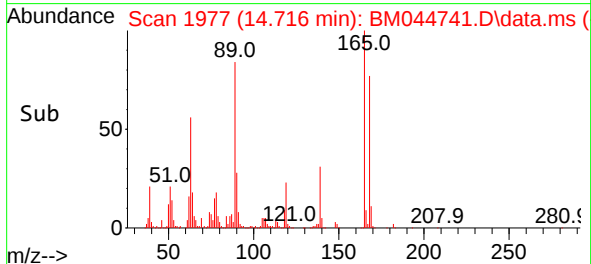
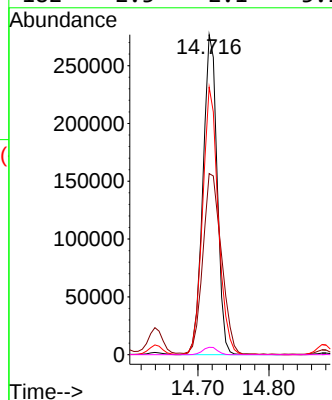
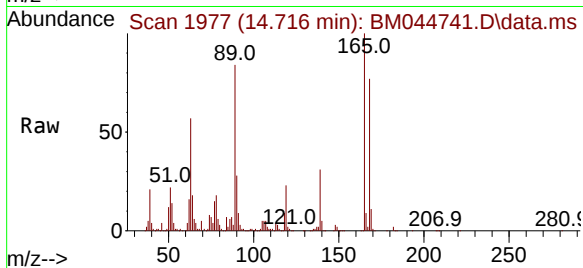




#57  
2,4-Dinitrotoluene  
Concen: 48.172 ng  
RT: 14.716 min Scan# 1980  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

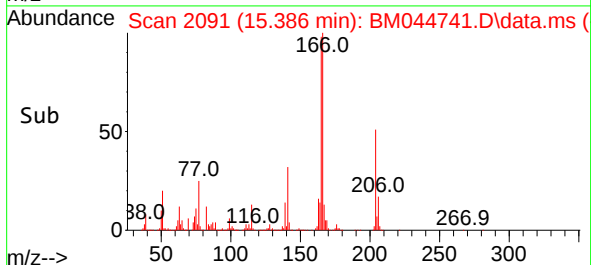
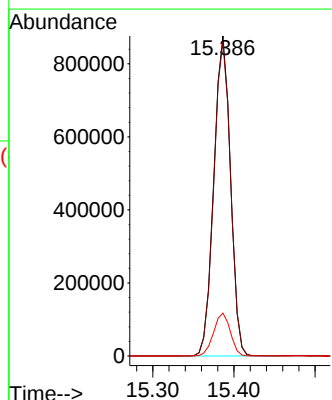
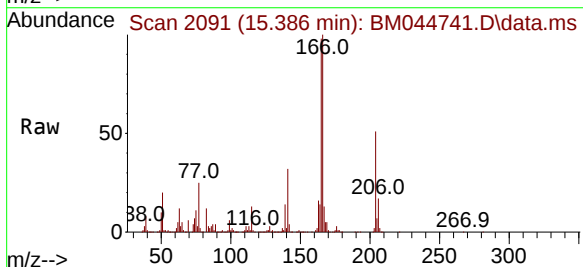
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

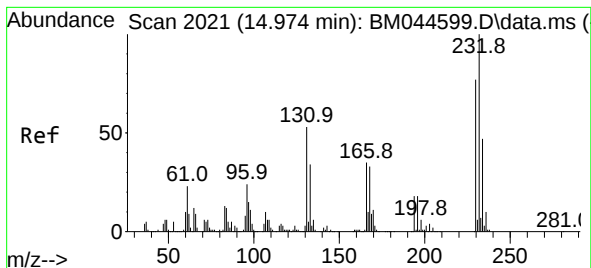
Tgt Ion:165 Resp: 386252  
Ion Ratio Lower Upper  
165 100  
63 56.6 40.9 61.3  
89 83.7 63.4 95.0  
182 2.3 2.1 3.1



#58  
Fluorene  
Concen: 45.070 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:166 Resp: 1249898  
Ion Ratio Lower Upper  
166 100  
165 98.1 77.7 116.5  
167 13.4 10.8 16.2

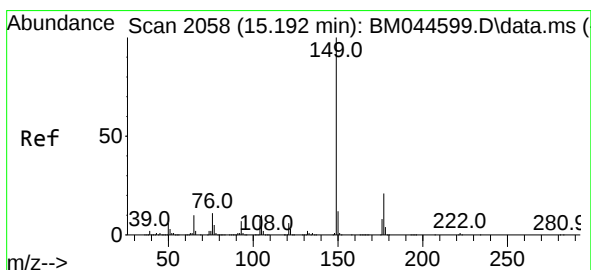
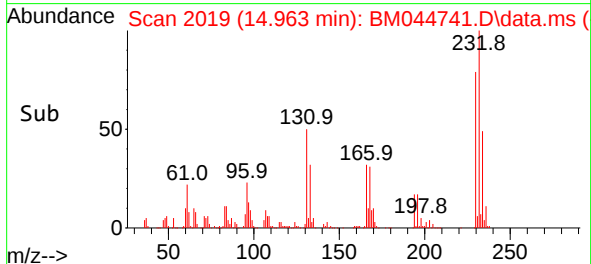
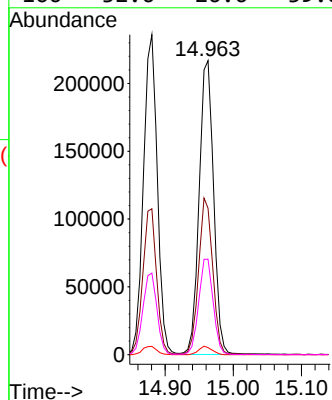
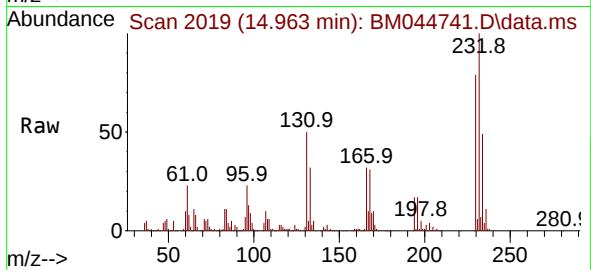




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.995 ng  
RT: 14.963 min Scan# 20  
Delta R.T. -0.011 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

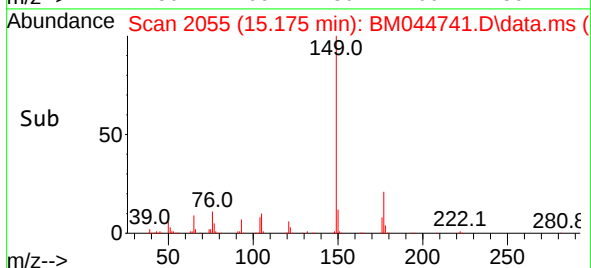
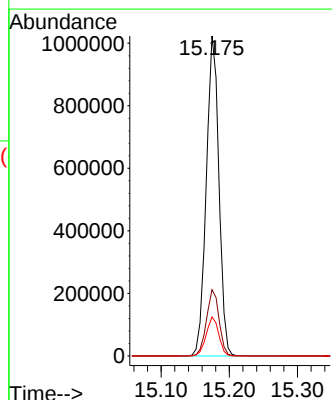
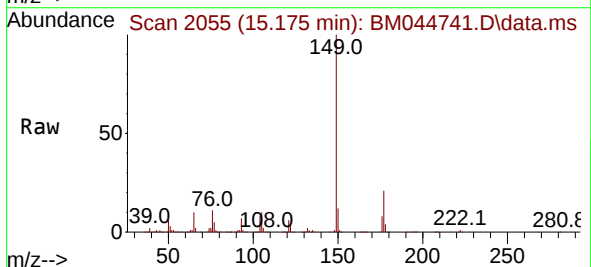
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

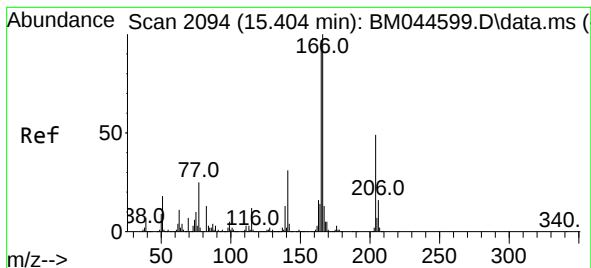
Tgt Ion:232 Resp: 319437  
Ion Ratio Lower Upper  
232 100  
131 51.9 41.0 61.4  
130 2.6 2.1 3.1  
166 32.6 26.6 39.8



#60  
Diethylphthalate  
Concen: 44.248 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:149 Resp: 1319968  
Ion Ratio Lower Upper  
149 100  
177 20.7 16.8 25.2  
150 12.2 9.8 14.8

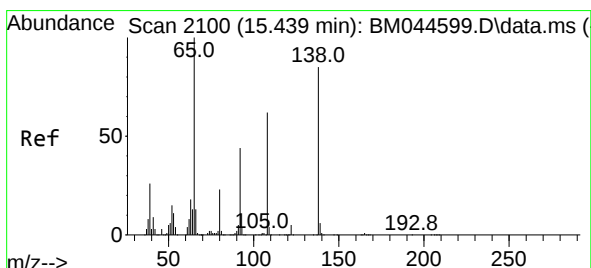
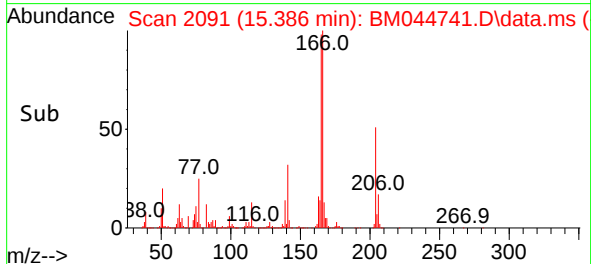
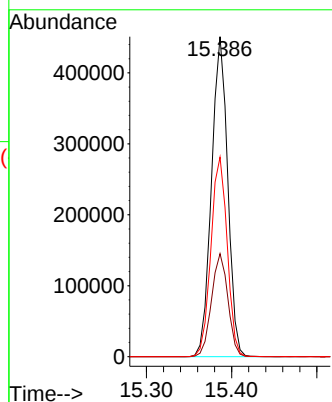
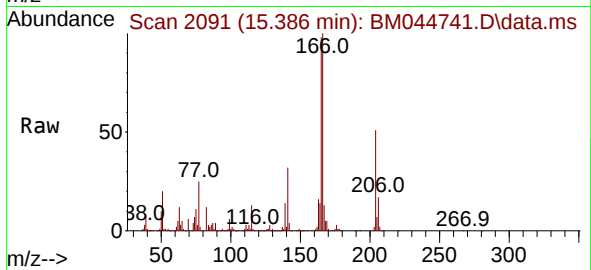




#61  
4-Chlorophenyl-phenylether  
Concen: 44.703 ng  
RT: 15.386 min Scan# 2094  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

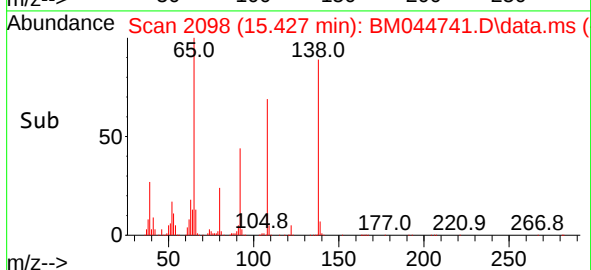
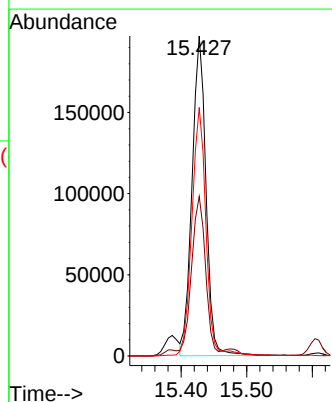
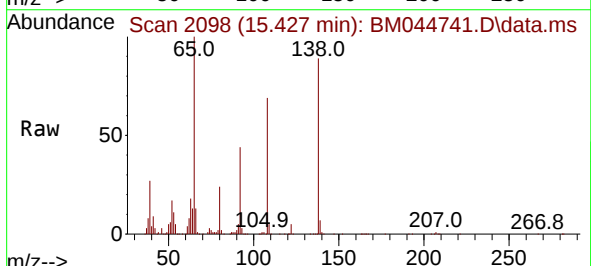
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

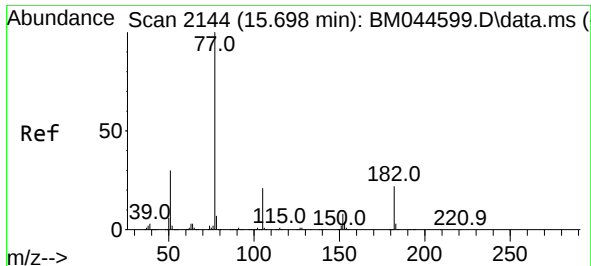
Tgt Ion:204 Resp: 595149  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.9 38.9  
141 62.4 49.8 74.8



#62  
4-Nitroaniline  
Concen: 40.502 ng  
RT: 15.427 min Scan# 2098  
Delta R.T. -0.012 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:138 Resp: 290718  
Ion Ratio Lower Upper  
138 100  
92 49.8 31.9 71.9  
108 77.7 53.7 93.7

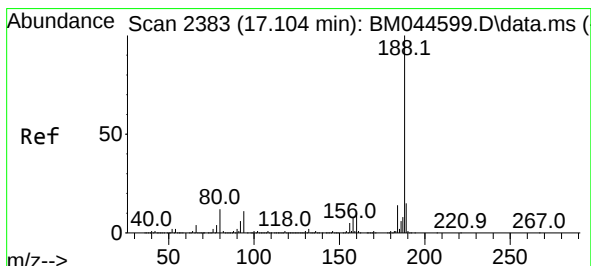
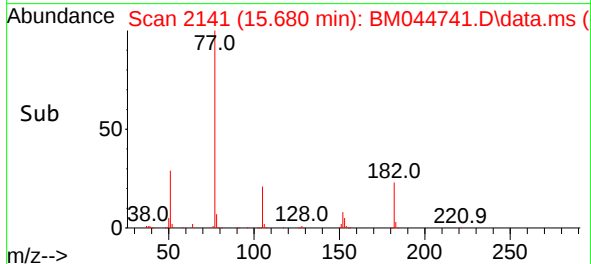
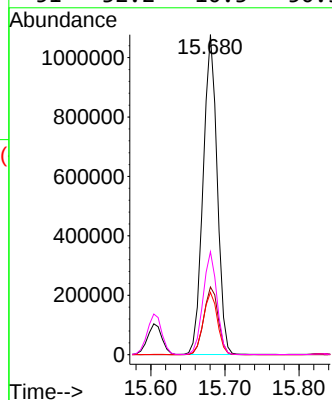
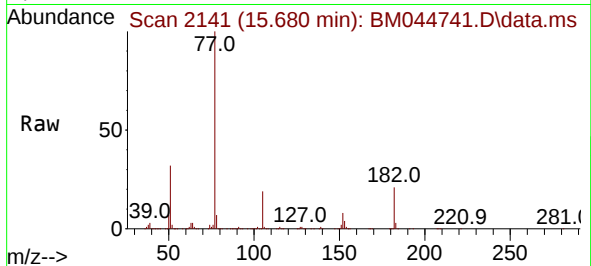




#63  
Azobenzene  
Concen: 46.011 ng  
RT: 15.680 min Scan# 2144  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

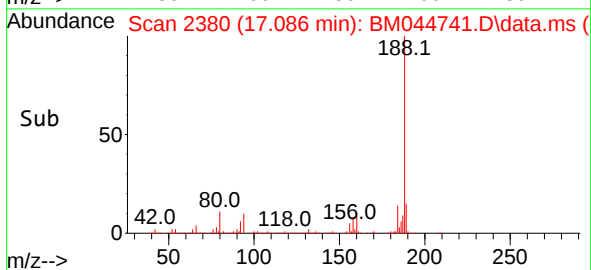
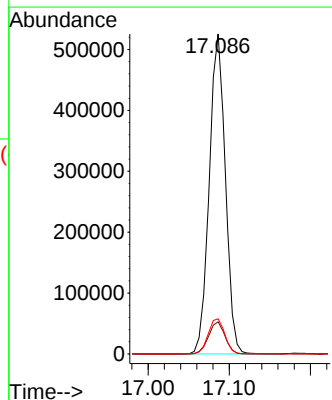
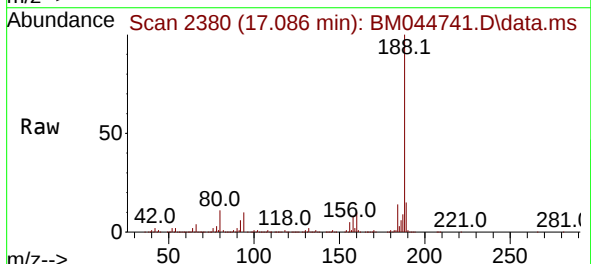
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

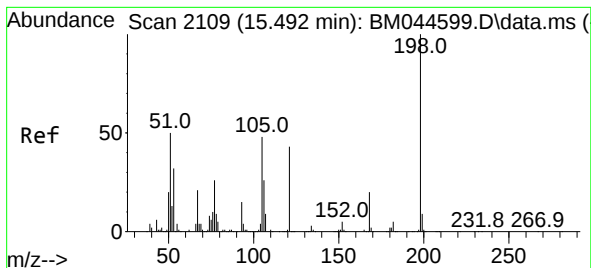
Tgt Ion: 77 Resp: 1418802  
Ion Ratio Lower Upper  
77 100  
182 21.2 1.8 41.8  
105 19.5 0.7 40.7  
51 32.2 10.3 50.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion: 188 Resp: 723390  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.4 12.6  
80 11.0 9.4 14.0

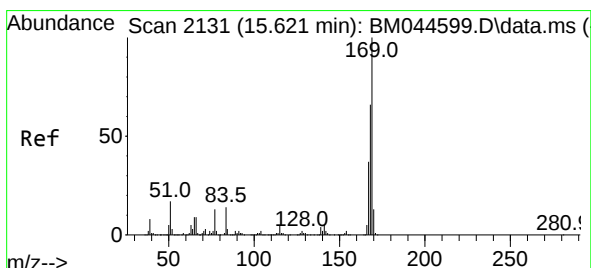
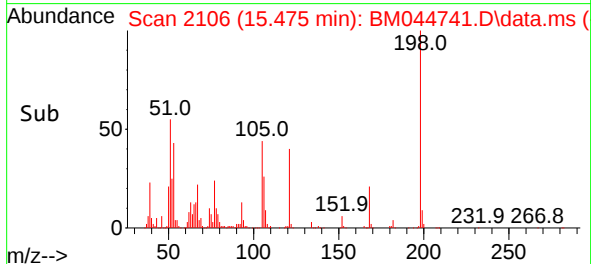
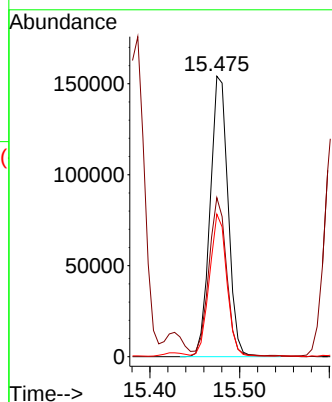
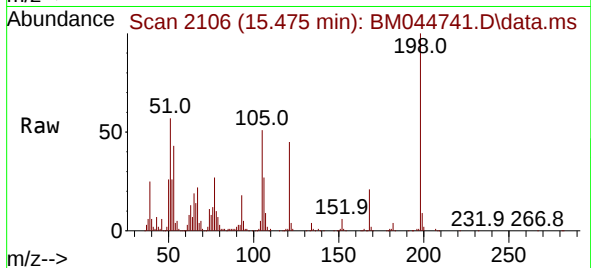




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.165 ng  
RT: 15.475 min Scan# 2106  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

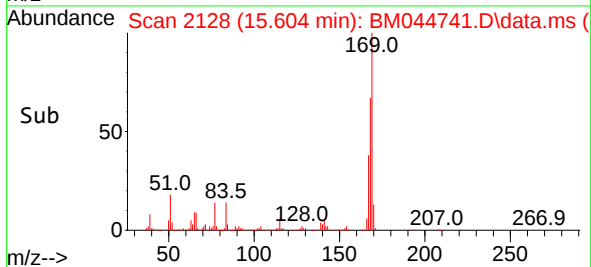
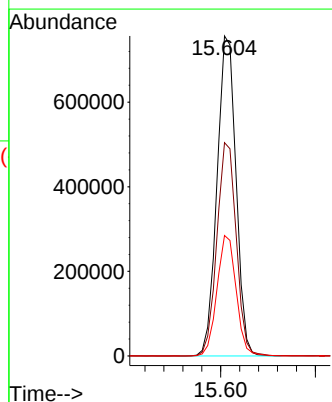
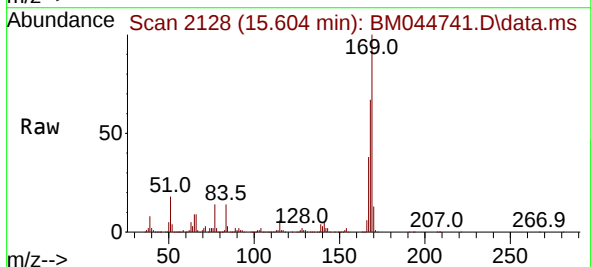
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

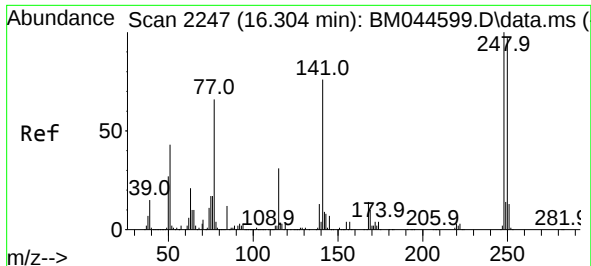
Tgt Ion:198 Resp: 213967  
Ion Ratio Lower Upper  
198 100  
51 56.7 35.0 75.0  
105 50.8 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 46.852 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:169 Resp: 1056271  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.1 79.7  
167 37.6 29.5 44.3

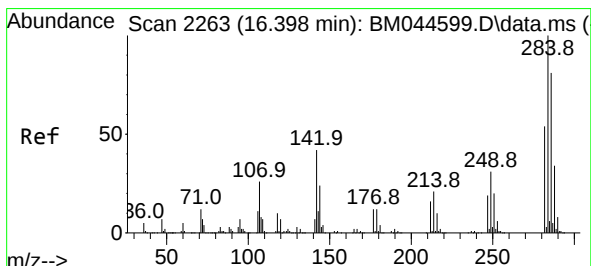
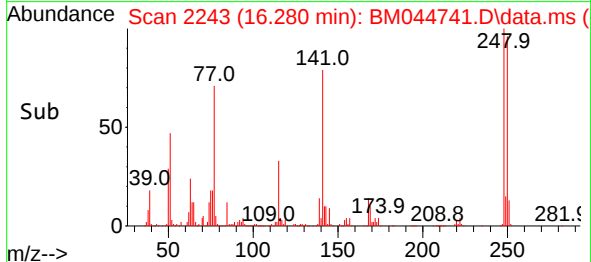
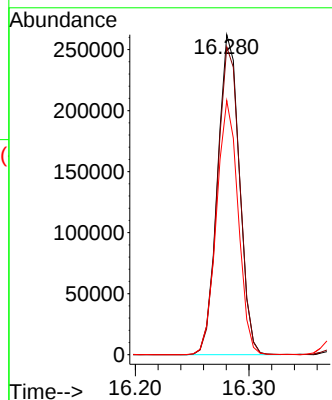
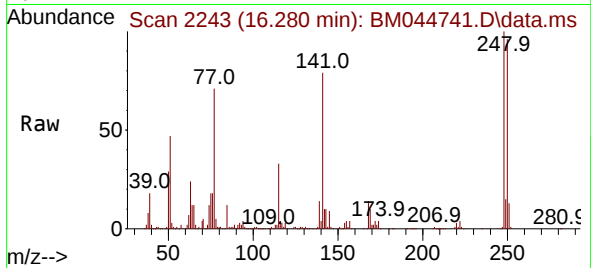




#67  
4-Bromophenyl-phenylether  
Concen: 46.932 ng  
RT: 16.280 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

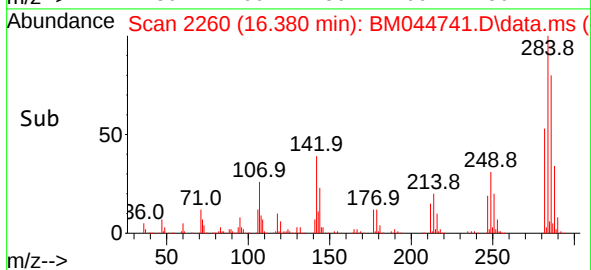
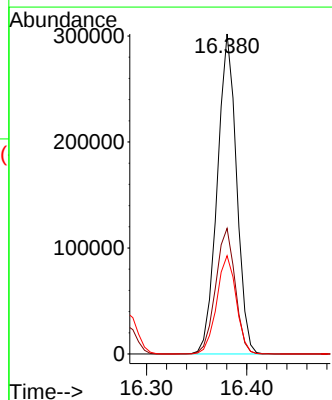
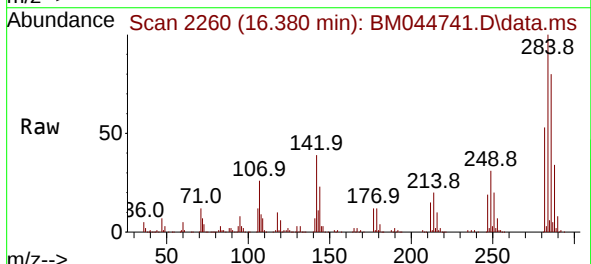
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

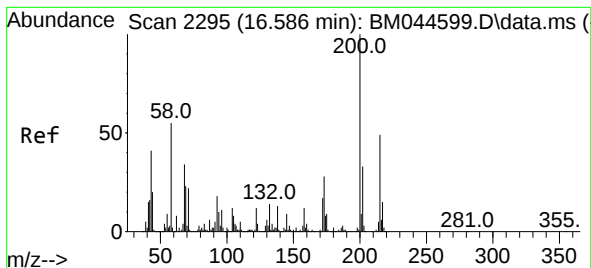
Tgt Ion:248 Resp: 351166  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.8 116.8  
141 79.4 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 50.569 ng  
RT: 16.380 min Scan# 2260  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:284 Resp: 402216  
Ion Ratio Lower Upper  
284 100  
142 39.3 33.7 50.5  
249 30.7 24.8 37.2





#69

Atrazine

Concen: 49.139 ng

RT: 16.569 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

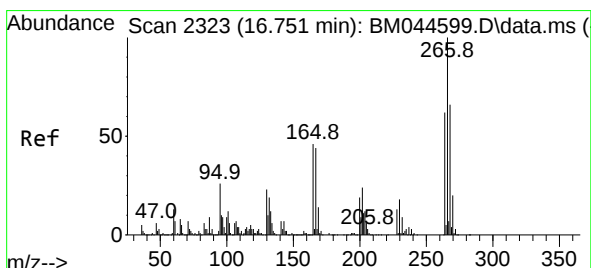
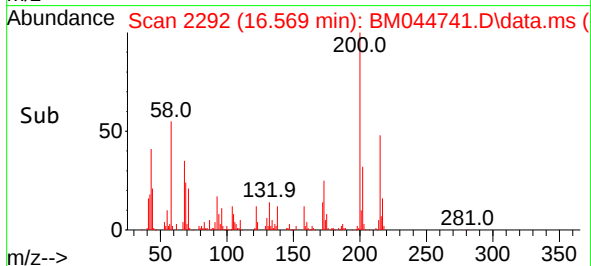
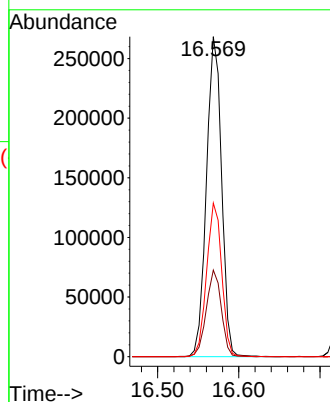
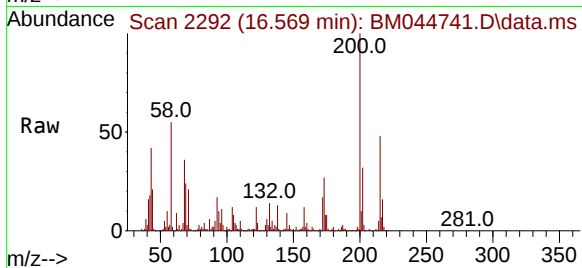
Tgt Ion:200 Resp: 346179

Ion Ratio Lower Upper

200 100

173 27.1 7.7 47.7

215 48.0 28.7 68.7



#70

Pentachlorophenol

Concen: 97.291 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

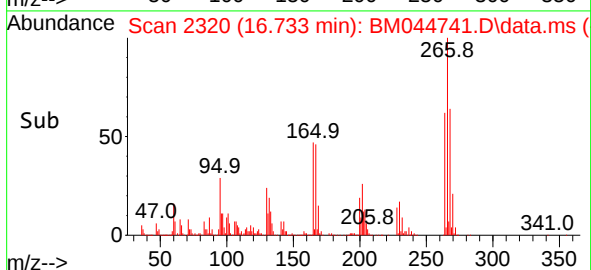
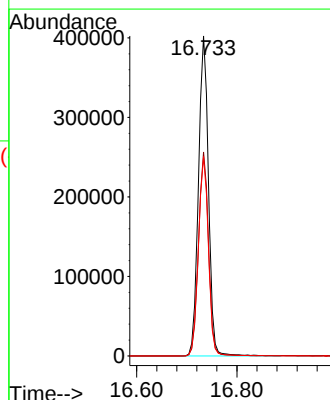
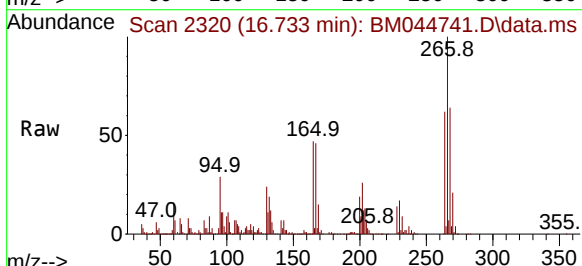
Tgt Ion:266 Resp: 556629

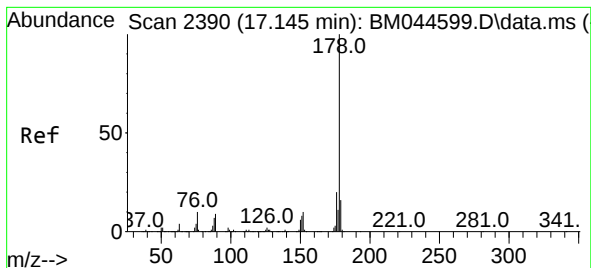
Ion Ratio Lower Upper

266 100

268 63.7 52.4 78.6

264 62.3 49.8 74.8





#71

Phenanthrene

Concen: 46.325 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

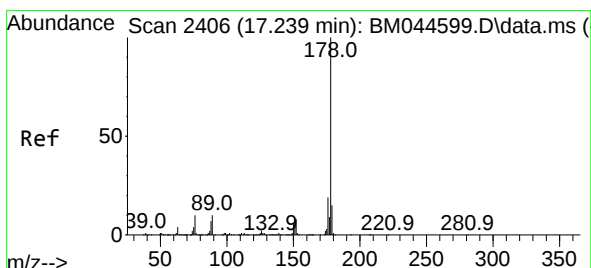
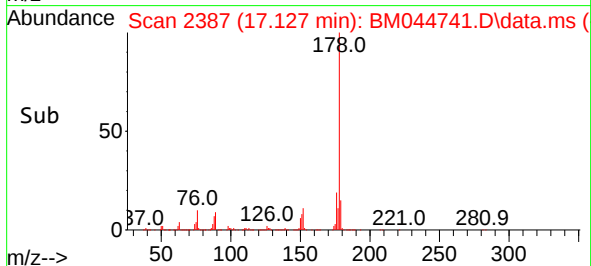
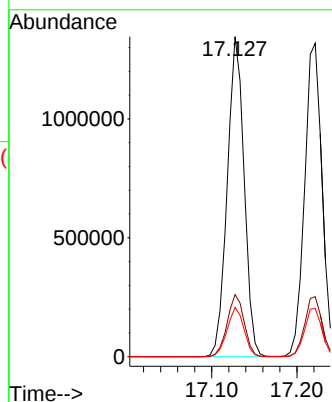
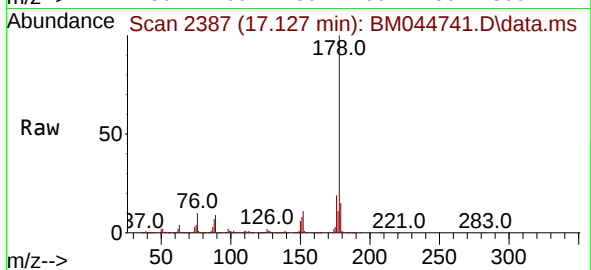
Tgt Ion:178 Resp: 1851878

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 46.769 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

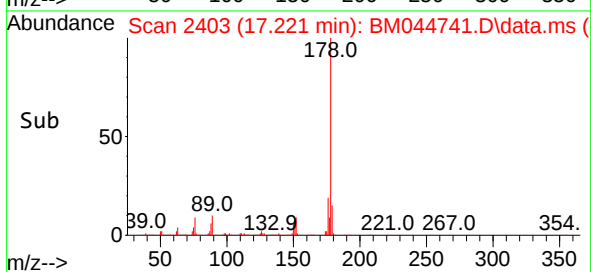
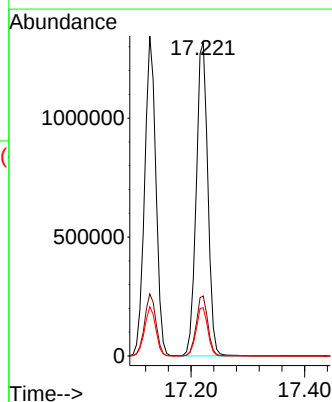
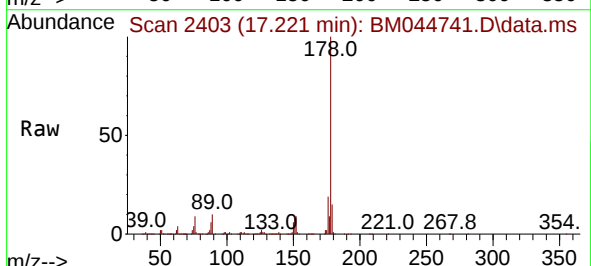
Tgt Ion:178 Resp: 1875153

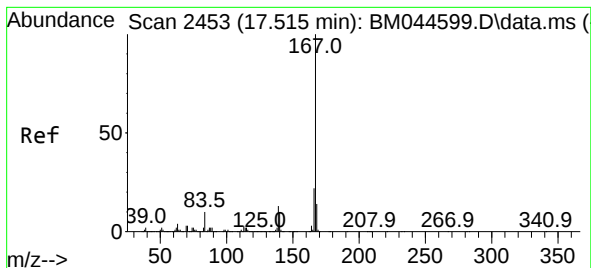
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.2 18.4





#73

Carbazole

Concen: 47.196 ng

RT: 17.498 min Scan# 24

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

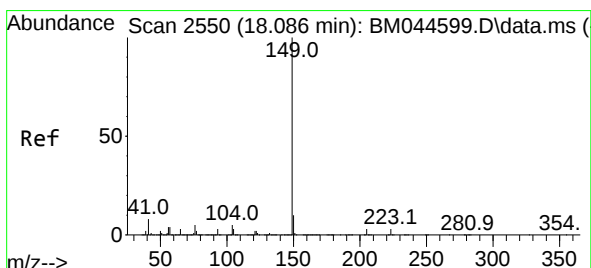
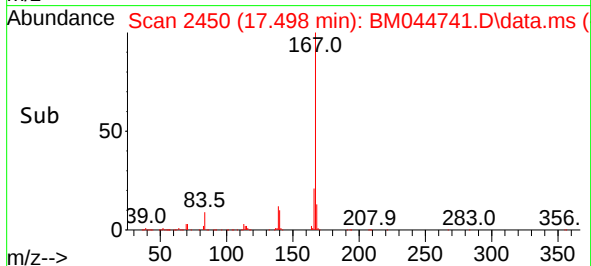
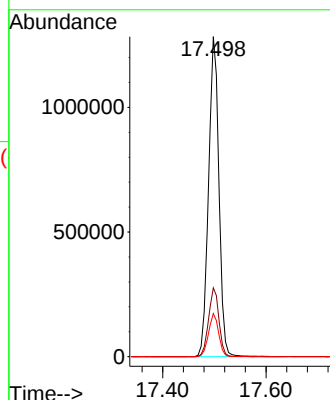
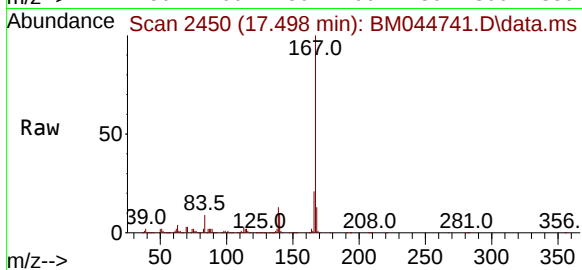
Tgt Ion:167 Resp: 1782210

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.548 ng

RT: 18.068 min Scan# 2547

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

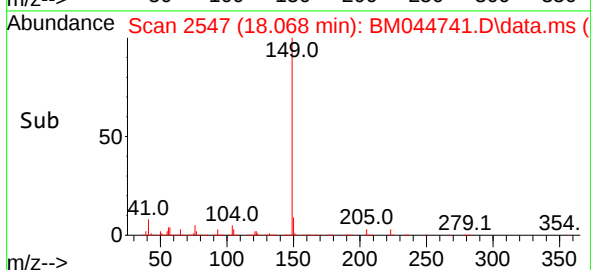
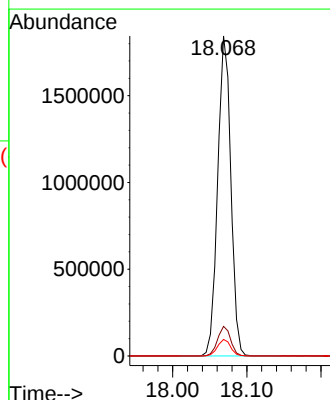
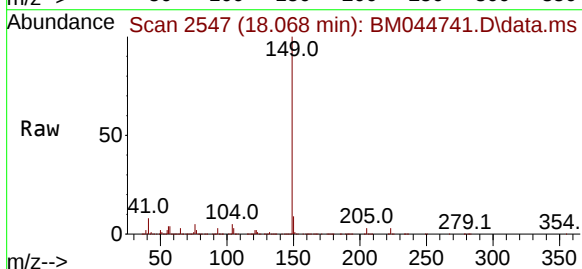
Tgt Ion:149 Resp: 2264929

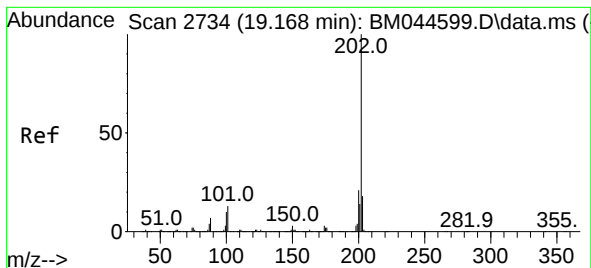
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 45.313 ng

RT: 19.151 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

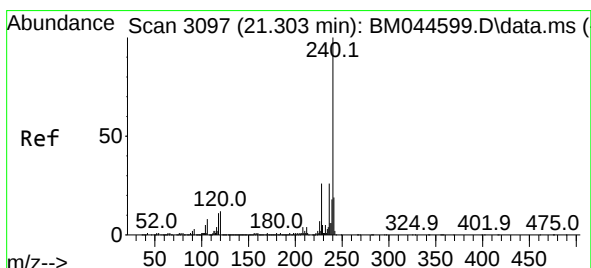
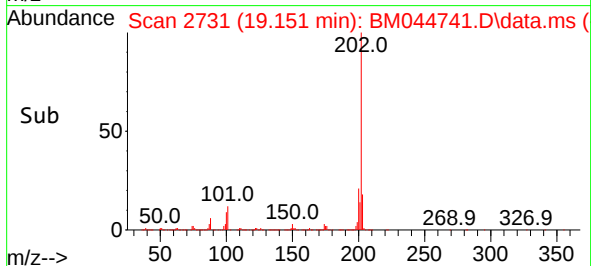
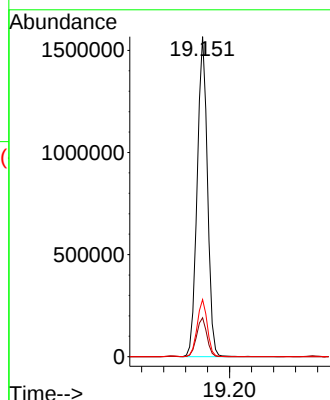
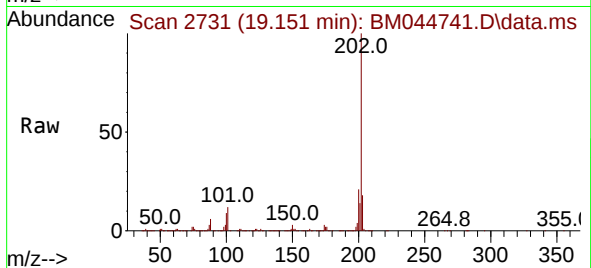
Tgt Ion:202 Resp: 2024930

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

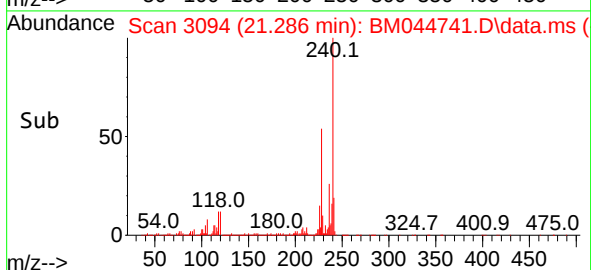
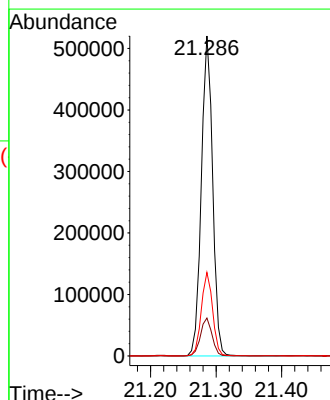
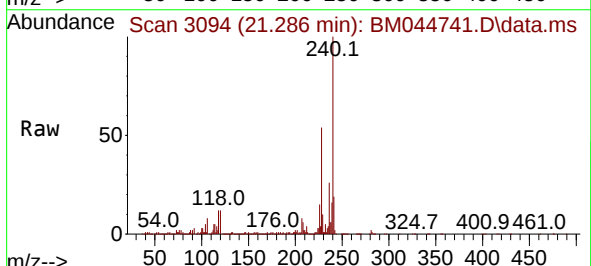
Tgt Ion:240 Resp: 624155

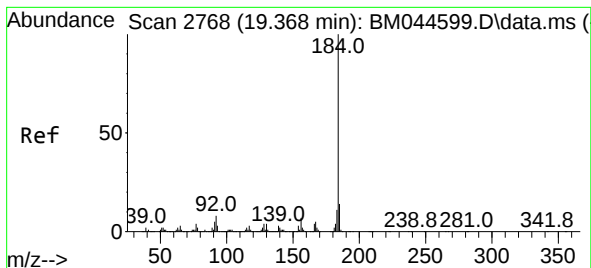
Ion Ratio Lower Upper

240 100

120 11.9 9.7 14.5

236 26.1 21.0 31.4





#77

Benzidine

Concen: 48.429 ng

RT: 19.351 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

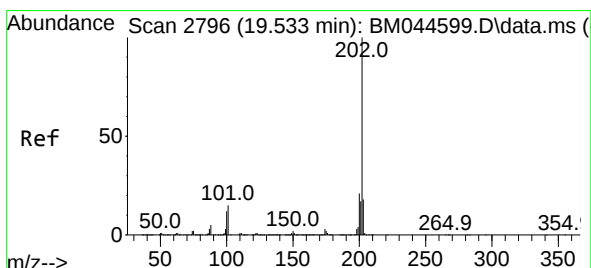
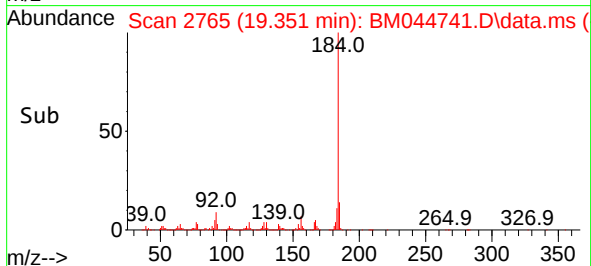
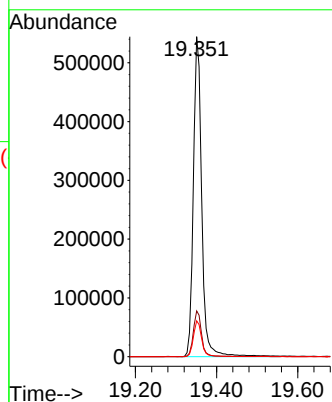
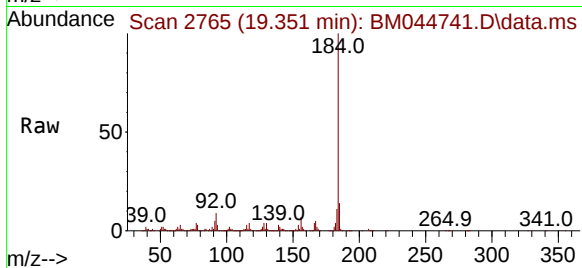
Tgt Ion:184 Resp: 781228

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 11.2 8.7 13.1



#78

Pyrene

Concen: 46.878 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

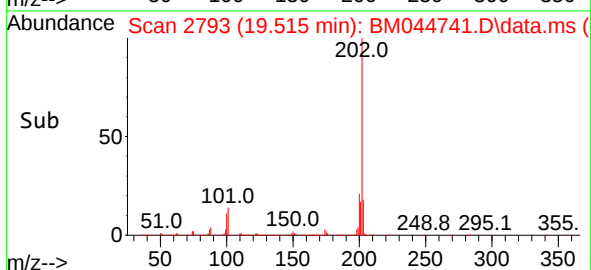
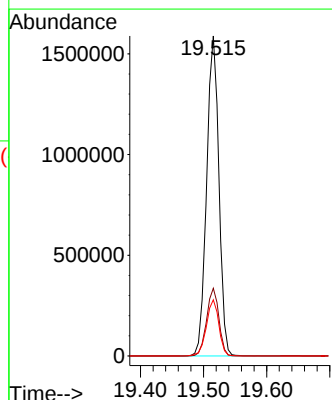
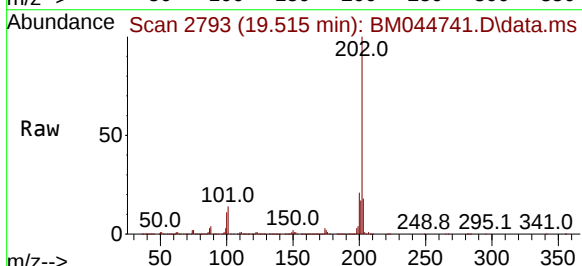
Tgt Ion:202 Resp: 2144482

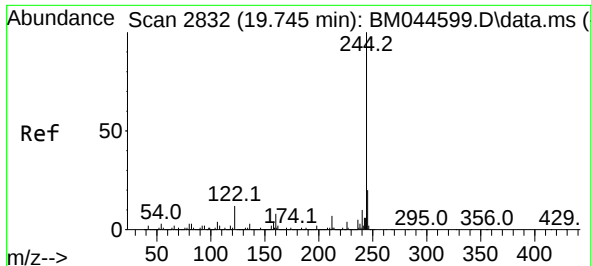
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.1 21.1

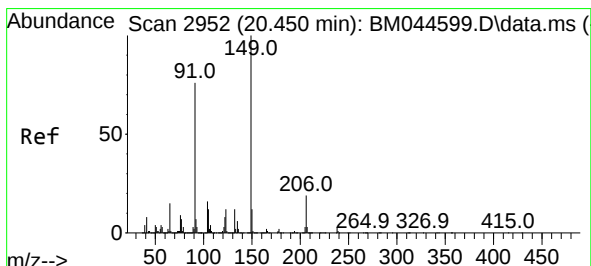
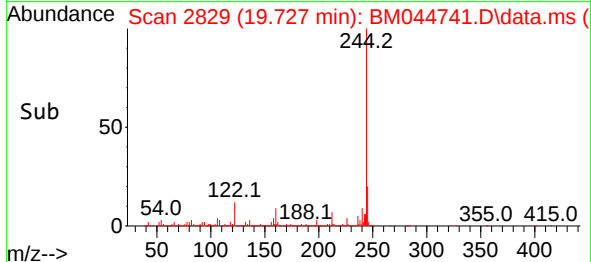
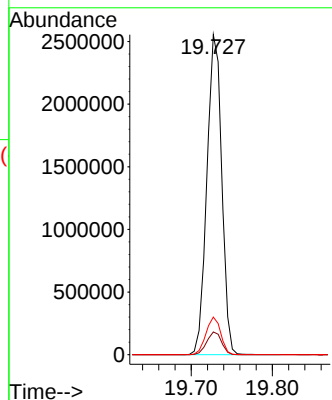
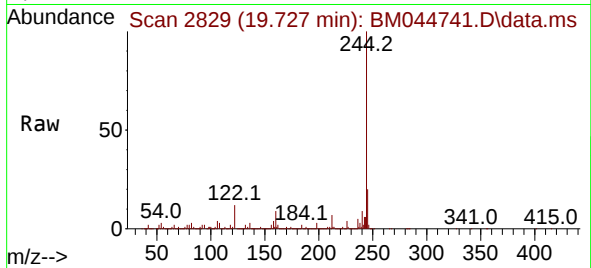




#79  
 Terphenyl-d14  
 Concen: 90.790 ng  
 RT: 19.727 min Scan# 21  
 Delta R.T. -0.017 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

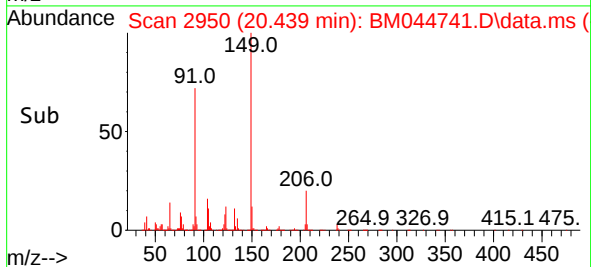
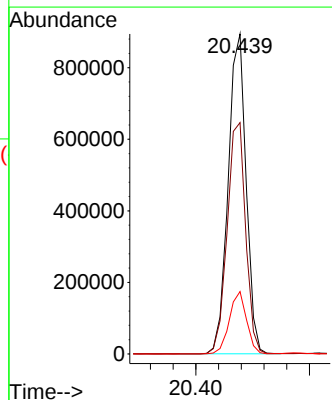
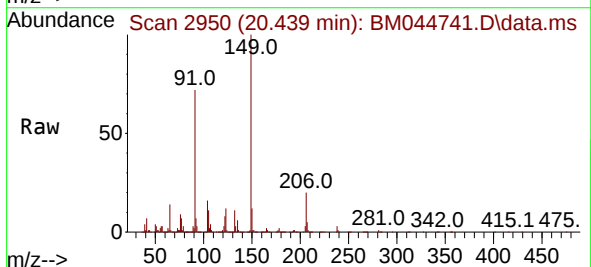
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159703BS

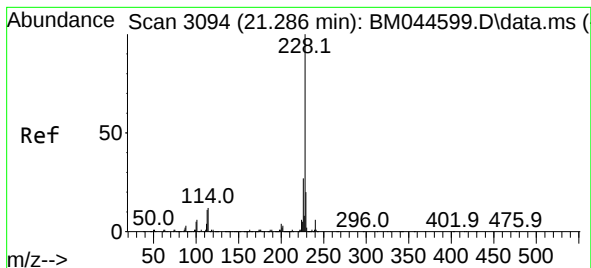
Tgt Ion:244 Resp: 3239332  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.5 8.3  
 122 11.8 9.7 14.5



#80  
 Butylbenzylphthalate  
 Concen: 47.485 ng  
 RT: 20.439 min Scan# 2950  
 Delta R.T. -0.011 min  
 Lab File: BM044741.D  
 Acq: 22 Mar 2024 19:03

Tgt Ion:149 Resp: 978986  
 Ion Ratio Lower Upper  
 149 100  
 91 72.3 61.0 91.6  
 206 19.5 15.0 22.6





#81

Benzo(a)anthracene

Concen: 47.124 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

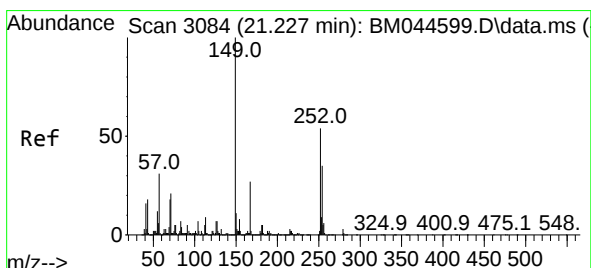
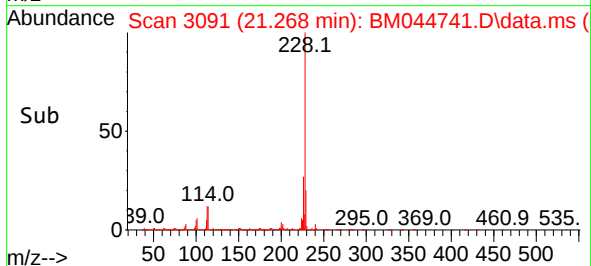
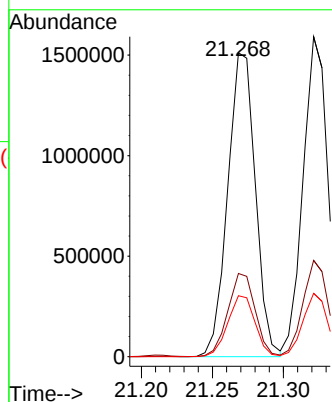
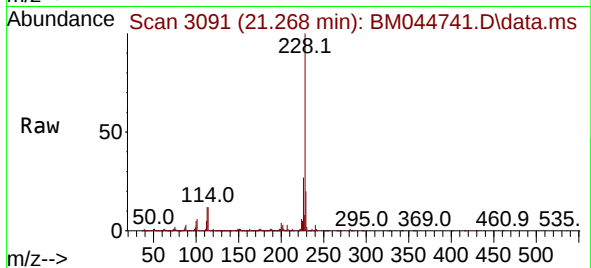
Tgt Ion:228 Resp: 2046546

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.364 ng

RT: 21.209 min Scan# 3081

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

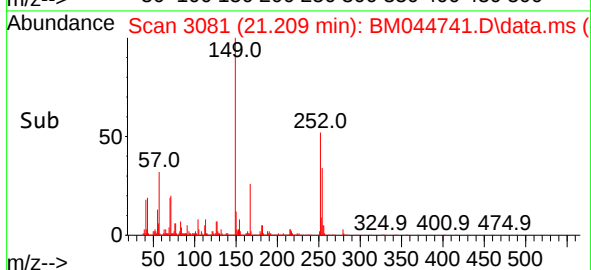
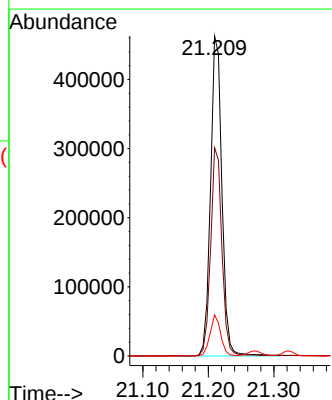
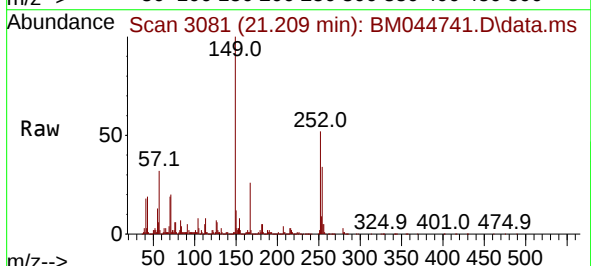
Tgt Ion:252 Resp: 558856

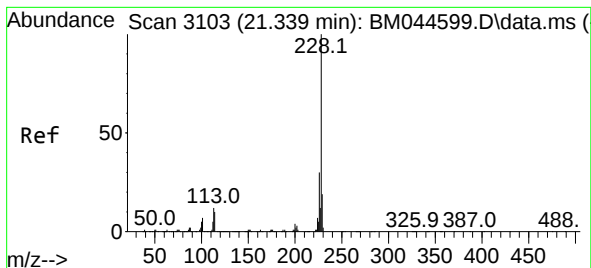
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.0

126 12.9 9.8 14.6





#83

Chrysene

Concen: 46.782 ng

RT: 21.321 min Scan# 3103

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

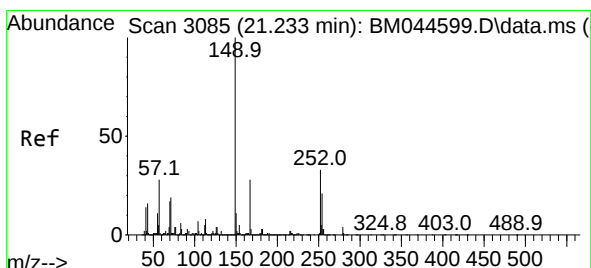
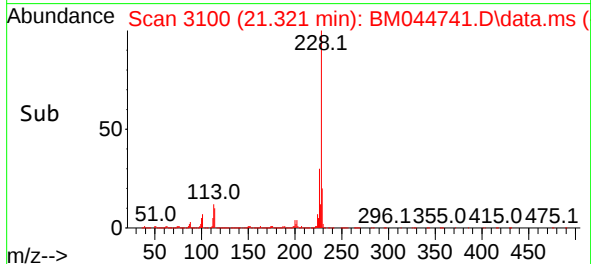
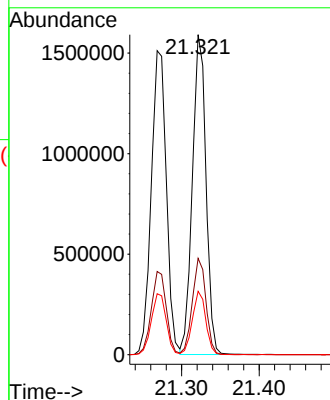
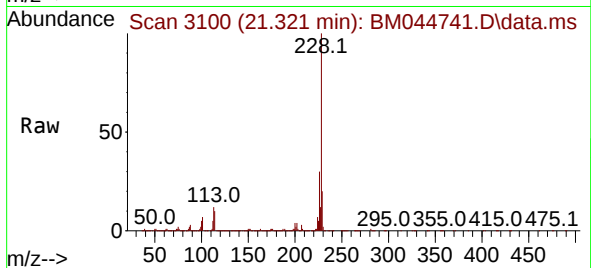
Tgt Ion:228 Resp: 1941405

Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.983 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

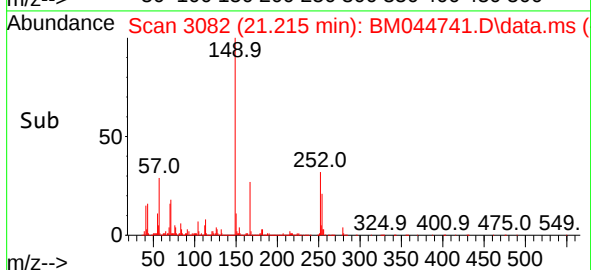
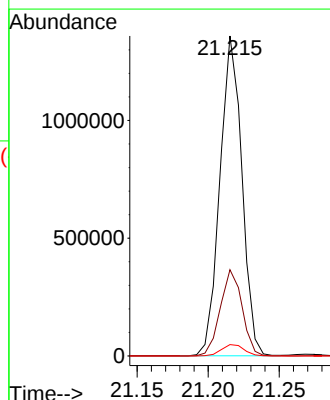
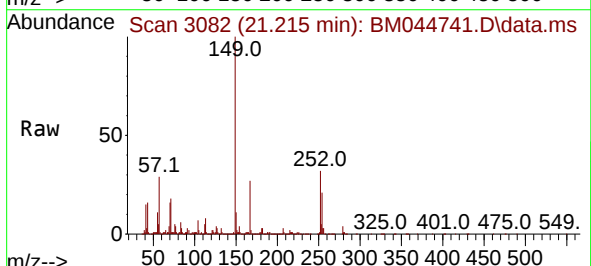
Tgt Ion:149 Resp: 1459276

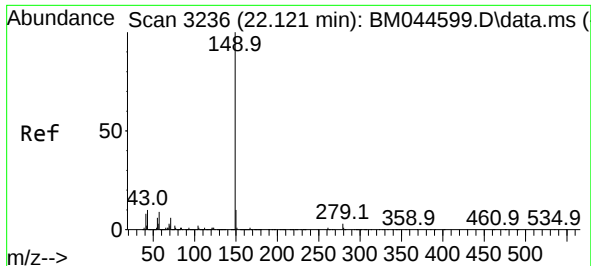
Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 3.6 3.0 4.4

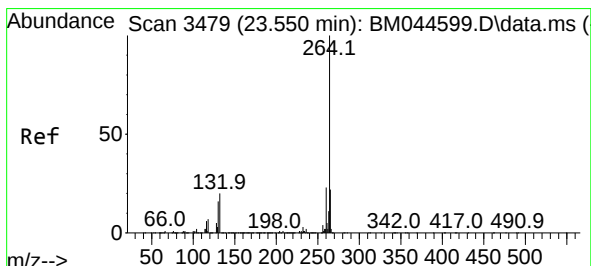
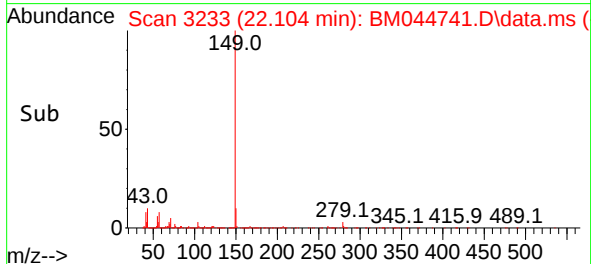
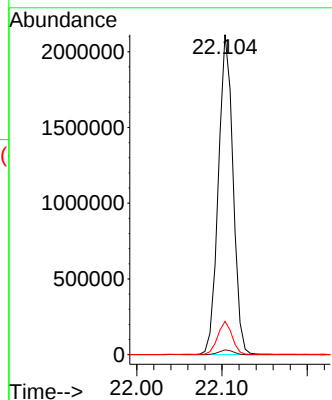
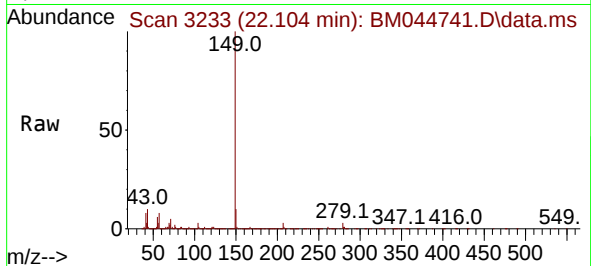




#85  
Di-n-octyl phthalate  
Concen: 46.841 ng  
RT: 22.104 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

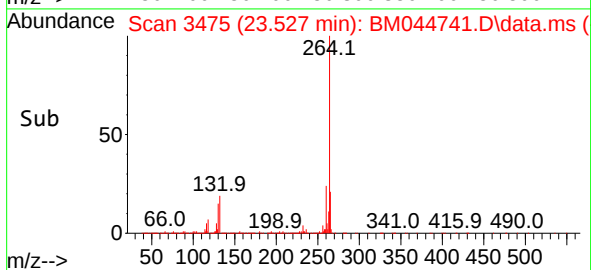
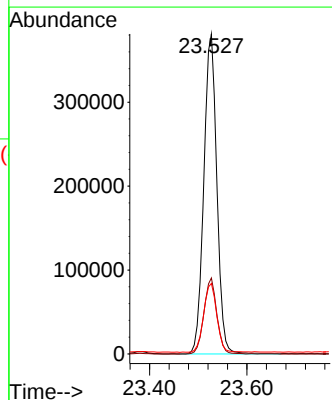
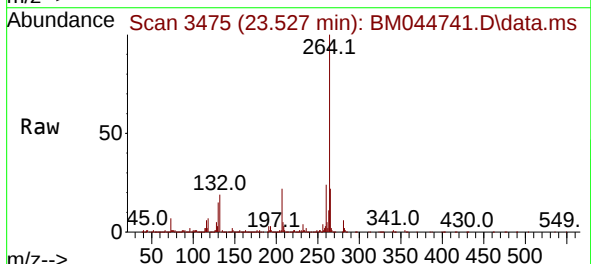
Instrument :  
BNA\_M  
ClientSampleId :  
PB159703BS

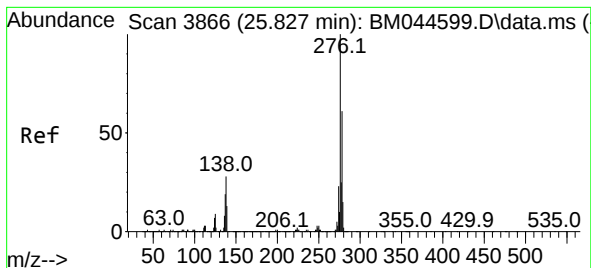
Tgt Ion:149 Resp: 2523583  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.1 7.9 11.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.527 min Scan# 3475  
Delta R.T. -0.023 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:264 Resp: 708359  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.3 27.5  
265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.974 ng

RT: 25.792 min Scan# 3866

Delta R.T. -0.035 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

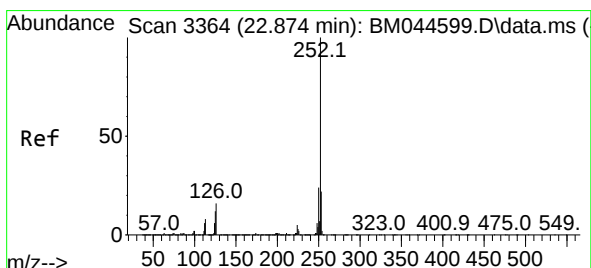
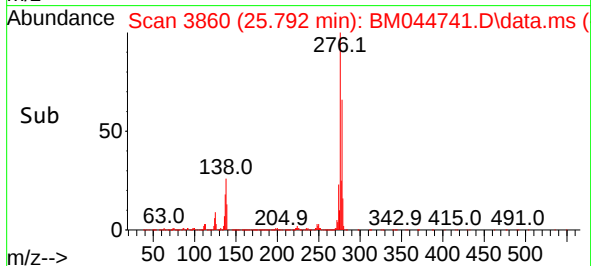
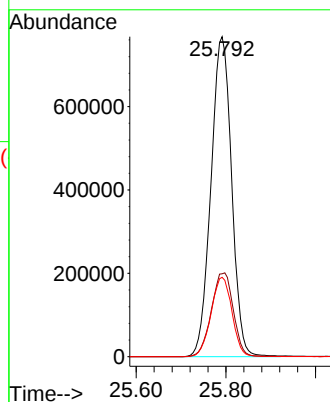
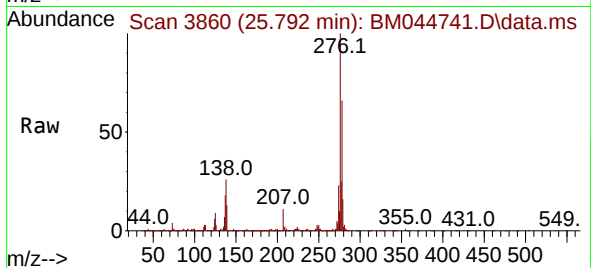
Tgt Ion:276 Resp: 2456667

Ion Ratio Lower Upper

276 100

138 27.9 23.6 35.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.370 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.017 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

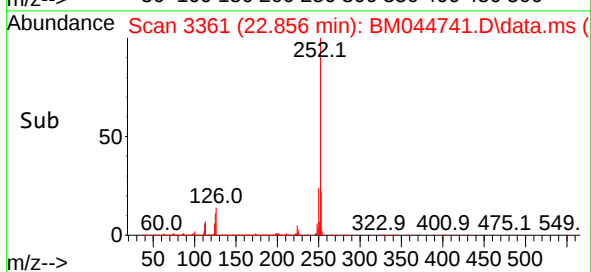
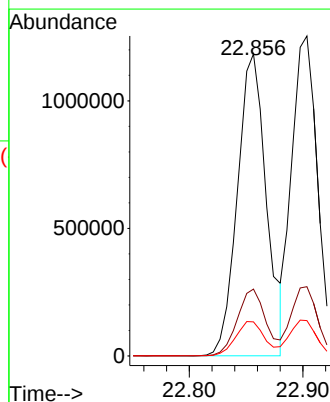
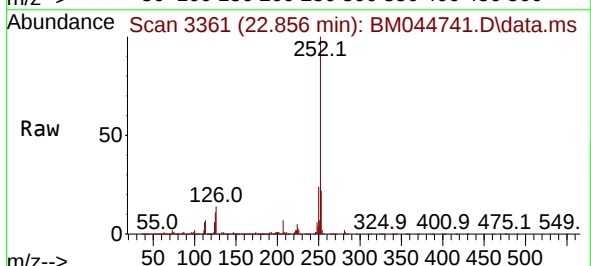
Tgt Ion:252 Resp: 2096800

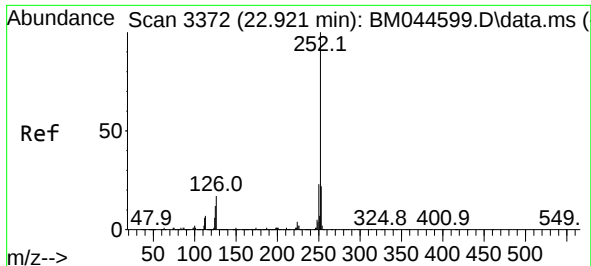
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.3 9.6 14.4

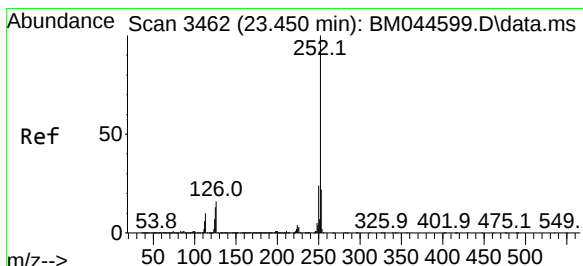
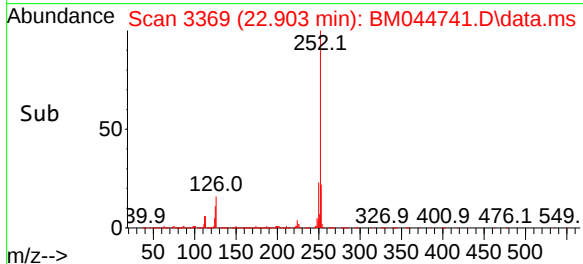
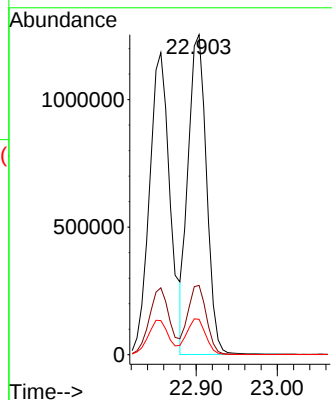
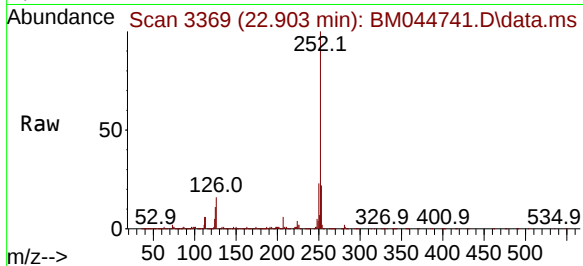




#89  
Benzo(k)fluoranthene  
Concen: 46.116 ng  
RT: 22.903 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

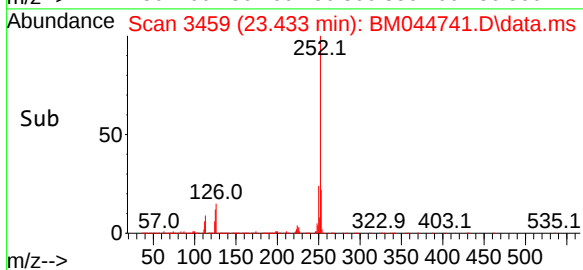
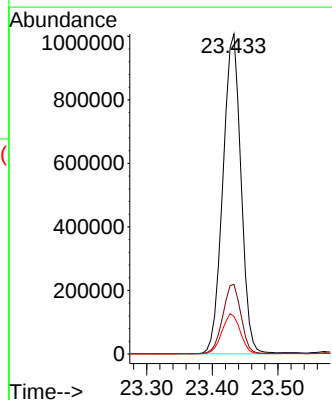
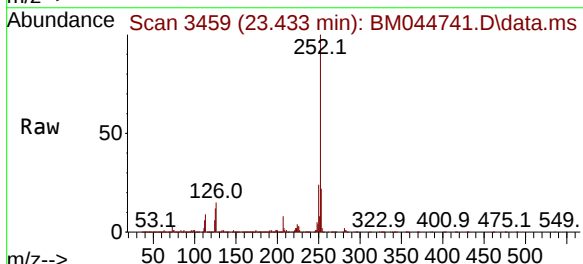
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ClientSampleId :  
PB159703BS

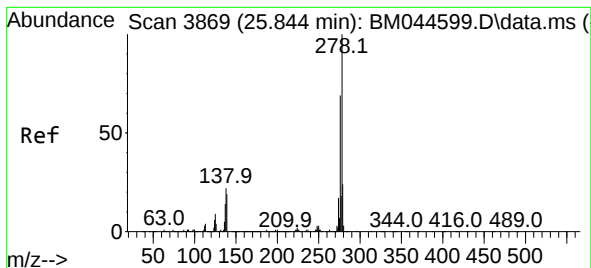
Tgt Ion:252 Resp: 1973532  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 11.0 9.4 14.0



#90  
Benzo(a)pyrene  
Concen: 47.351 ng  
RT: 23.433 min Scan# 3459  
Delta R.T. -0.017 min  
Lab File: BM044741.D  
Acq: 22 Mar 2024 19:03

Tgt Ion:252 Resp: 1922576  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 11.7 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 46.825 ng

RT: 25.809 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Instrument :

BNA\_M

ClientSampleId :

PB159703BS

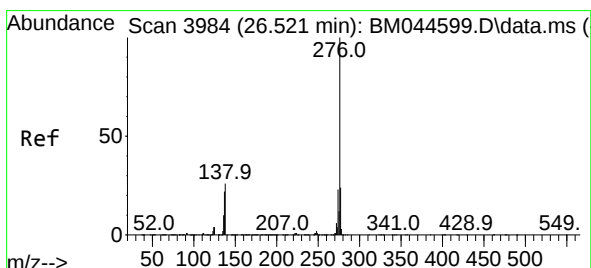
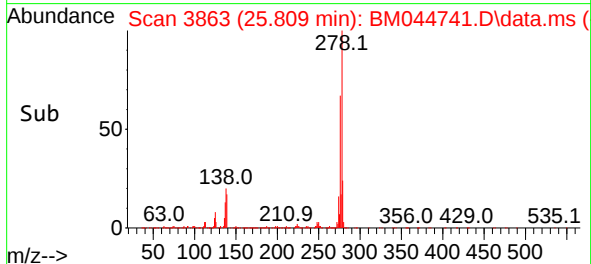
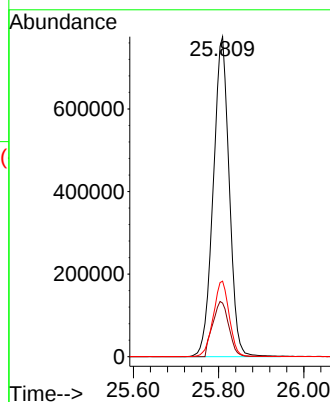
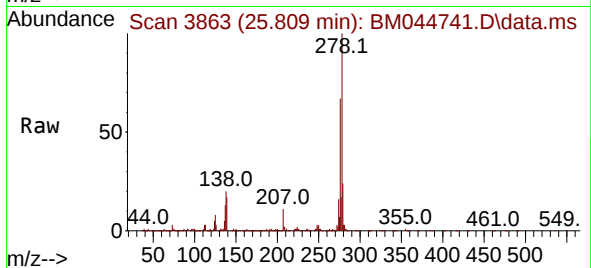
Tgt Ion:278 Resp: 2021482

Ion Ratio Lower Upper

278 100

139 16.7 15.0 22.6

279 23.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 45.051 ng

RT: 26.480 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044741.D

Acq: 22 Mar 2024 19:03

Tgt Ion:276 Resp: 1914517

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 24.6 20.7 31.1

