

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
 Data File : BF143897.D  
 Acq On : 08 Oct 2025 16:09  
 Operator : RC/JU  
 Sample : Q3303-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HL-WESTMS

Quant Time: Oct 08 16:30:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 104977   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 414079   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 230955   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 411834   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 249185   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 296275   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 586227   | 88.679  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 726044   | 92.142  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 409871   | 60.137  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 210519   | 91.516  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 777296   | 53.403  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 907922   | 62.271  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 142615   | 46.620  | ng    | 99       |
| 3) Pyridine                   | 3.440  | 79   | 406085   | 45.600  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 251160   | 53.612  | ng    | 99       |
| 6) Aniline                    | 6.545  | 93   | 439695   | 37.238  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 330312   | 51.117  | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 200501   | 32.986  | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 491177   | 52.140  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 360197   | 49.498  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 389590   | 50.367  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 387346   | 50.766  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 375725   | 51.411  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 317661   | 53.805  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 842961   | 50.891  | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 270788   | 50.706  | ng    | 98       |
| 18) Hexachloroethane          | 7.398  | 117  | 129059   | 50.719  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 263410   | 48.837  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 312761   | 50.531  | ng    | # 88     |
| 22) Acetophenone              | 7.292  | 105  | 462199   | 52.790  | ng    | 98       |
| 24) Nitrobenzene              | 7.463  | 77   | 388361   | 51.311  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 710657   | 49.451  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 183382   | 56.513  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 327606   | 56.123  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 442496   | 48.744  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 299378   | 49.237  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 306837   | 51.312  | ng    | 99       |
| 31) Naphthalene               | 8.186  | 128  | 915469   | 48.602  | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 248384   | 61.484  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 158601   | 22.450  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 199956   | 48.120  | ng    | 98       |
| 35) Caprolactam               | 8.598  | 113  | 66361    | 34.326  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 296553   | 50.775  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 565794   | 45.093  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 570133   | 46.846  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 328286   | 51.429  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 324817   | 122.658 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 237523   | 50.927  | ng    | 95       |

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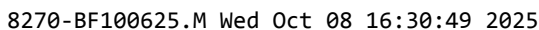
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HL-WESTMS

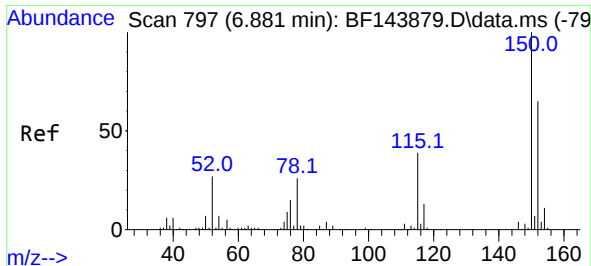
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 246975   | 50.109  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 802287   | 52.467  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 619852   | 48.619  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 223250   | 55.387  | ng    | 98       |
| 49) Acenaphthylene            | 9.786  | 152  | 986871   | 55.060  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 742221   | 50.606  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 161271   | 59.299  | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 605597   | 51.564  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 123200   | 36.996  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 151792   | 89.574  | ng    | 96       |
| 55) Dibenzofuran              | 10.133 | 168  | 823986   | 49.701  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 279884   | 111.003 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 223089   | 60.287  | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 623639   | 49.852  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 187732   | 53.808  | ng    | 99       |
| 60) Diethylphthalate          | 10.345 | 149  | 694553   | 50.975  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 316810   | 47.901  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 178740   | 55.817  | ng    | 98       |
| 63) Azobenzene                | 10.628 | 77   | 804430   | 56.489  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 116089   | 56.093  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 635321   | 49.131  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 215388   | 47.323  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 252307   | 47.883  | ng    | 98       |
| 69) Atrazine                  | 11.110 | 200  | 210679   | 53.753  | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 303883   | 100.416 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 980285   | 49.098  | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1014637  | 50.304  | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 920583   | 51.533  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1108092  | 53.521  | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1098785  | 53.279  | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 499277   | 57.704  | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1081251  | 52.048  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 422920   | 62.685  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 845739   | 51.864  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 150568   | 30.299  | ng    | 97       |
| 83) Chrysene                  | 14.092 | 228  | 817672   | 54.178  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 499120   | 61.370  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 832020   | 62.287  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 942712   | 51.928  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 807663   | 47.457  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 834181   | 52.971  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 806435   | 54.647  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 741799   | 50.806  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 723686   | 49.565  | ng    | 99       |

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

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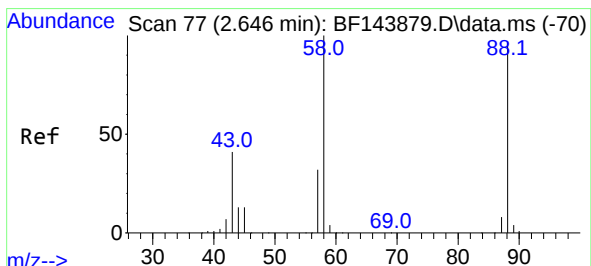
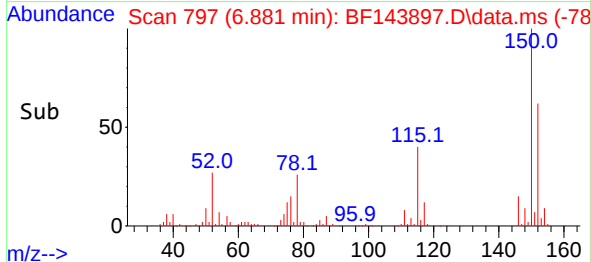
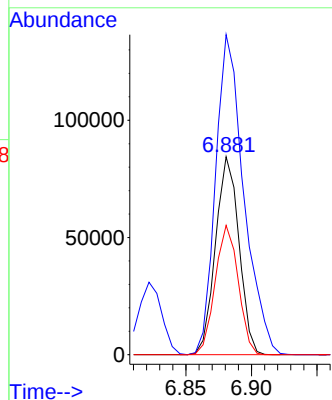
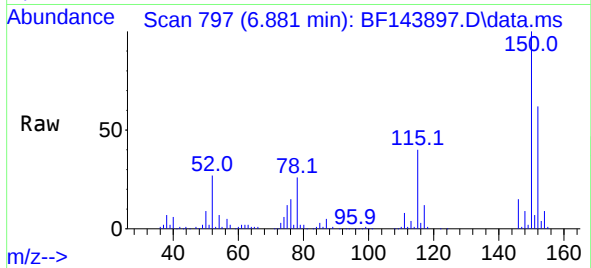




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF143897.D  
 Acq: 08 Oct 2025 16:09

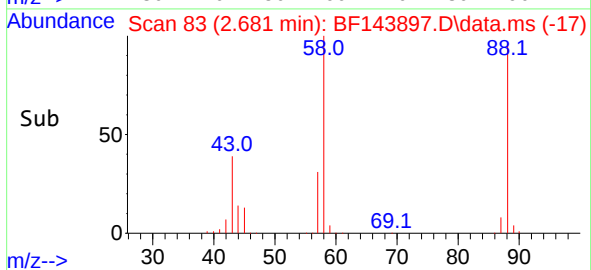
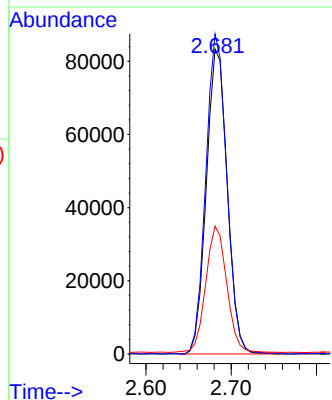
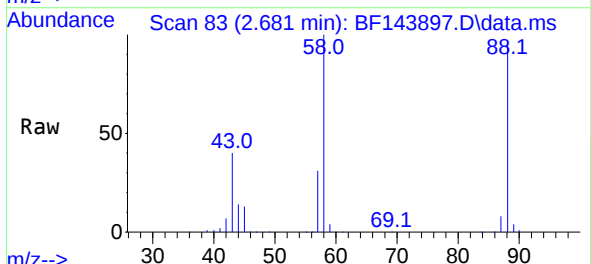
Instrument :  
 BNA\_F  
 ClientSampleId :  
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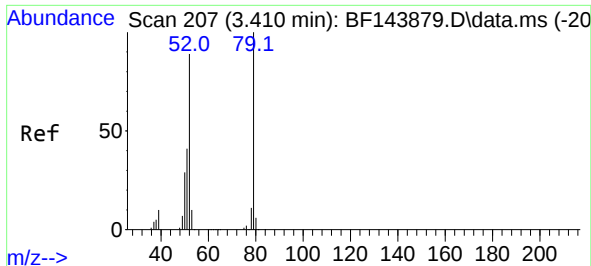
Tgt Ion:152 Resp: 104977  
 Ion Ratio Lower Upper  
 152 100  
 150 161.7 124.4 186.6  
 115 65.4 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 46.620 ng  
 RT: 2.681 min Scan# 83  
 Delta R.T. 0.035 min  
 Lab File: BF143897.D  
 Acq: 08 Oct 2025 16:09

Tgt Ion: 88 Resp: 142615  
 Ion Ratio Lower Upper  
 88 100  
 58 104.5 83.0 124.6  
 43 41.3 33.9 50.9

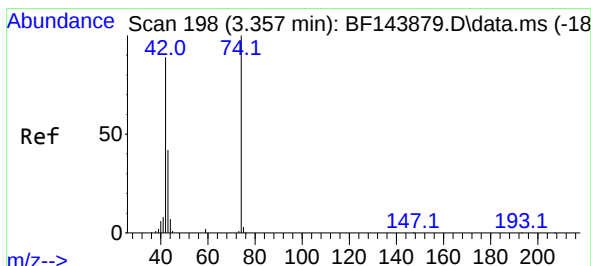
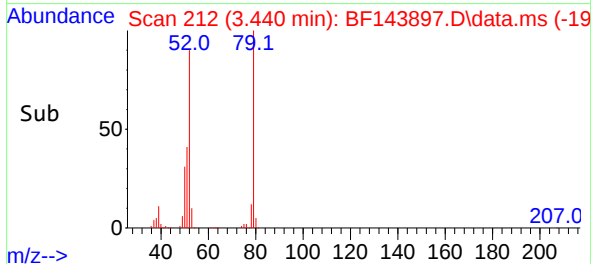
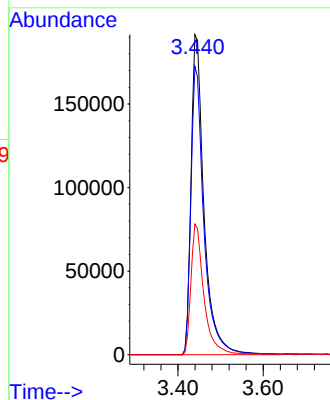
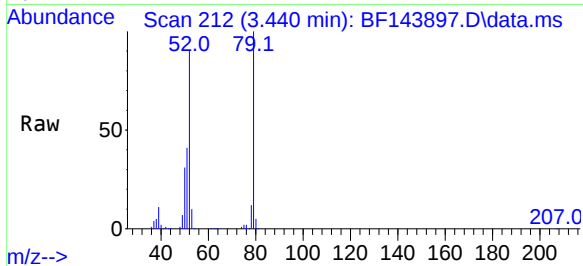




#3  
Pyridine  
Concen: 45.600 ng  
RT: 3.440 min Scan# 212  
Delta R.T. 0.024 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

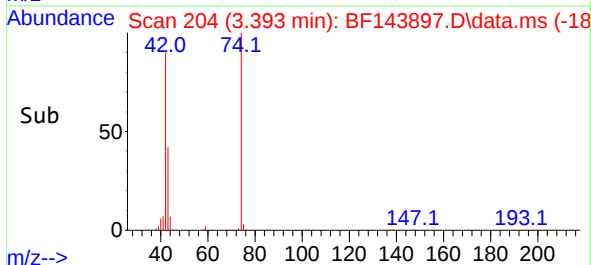
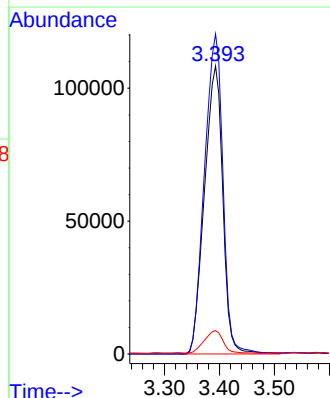
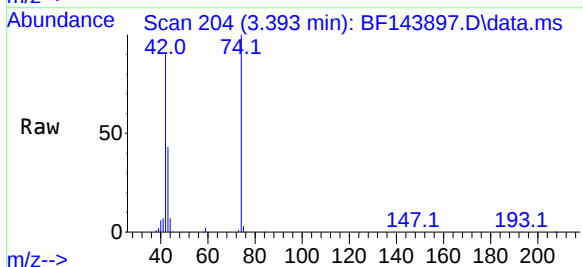
Instrument :  
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ClientSampleId :  
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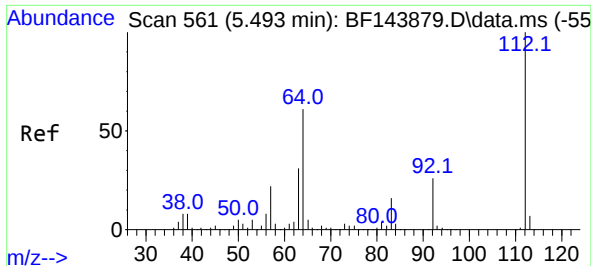
Tgt Ion: 79 Resp: 406085  
Ion Ratio Lower Upper  
79 100  
52 90.1 71.5 107.3  
51 40.9 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 53.612 ng  
RT: 3.393 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 42 Resp: 251160  
Ion Ratio Lower Upper  
42 100  
74 111.1 90.0 135.0  
44 8.1 6.2 9.2

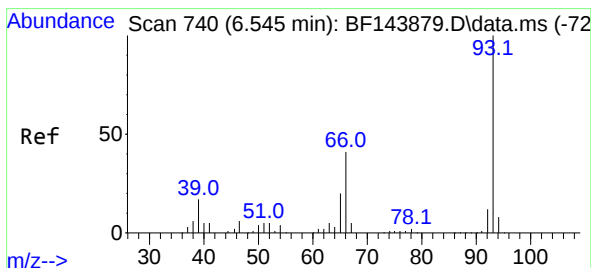
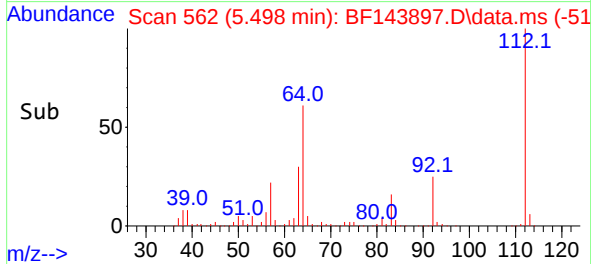
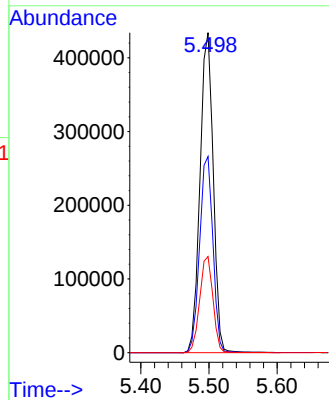
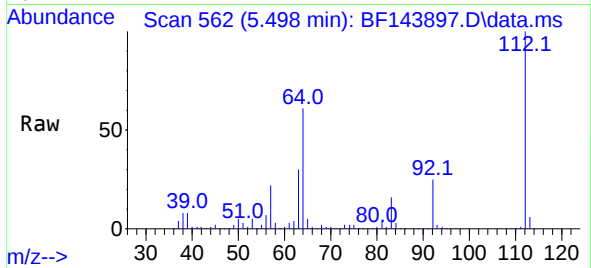




#5  
2-Fluorophenol  
Concen: 88.679 ng  
RT: 5.498 min Scan# 501  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

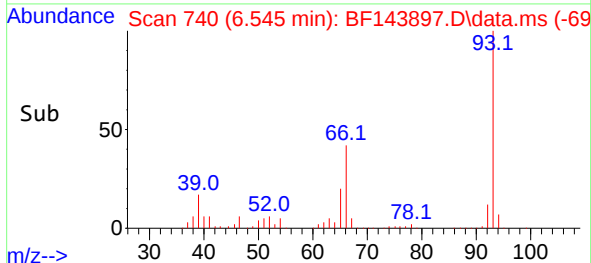
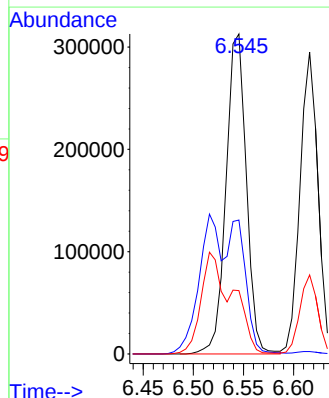
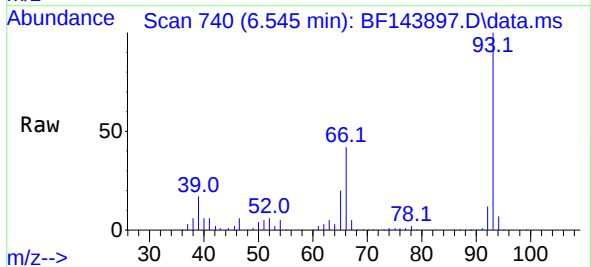
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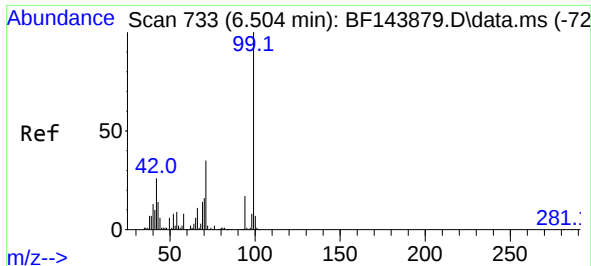
Tgt Ion:112 Resp: 586227  
Ion Ratio Lower Upper  
112 100  
64 61.3 49.1 73.7  
63 30.0 24.5 36.7



#6  
Aniline  
Concen: 37.238 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 93 Resp: 439695  
Ion Ratio Lower Upper  
93 100  
66 41.9 33.0 49.6  
65 19.8 15.8 23.8

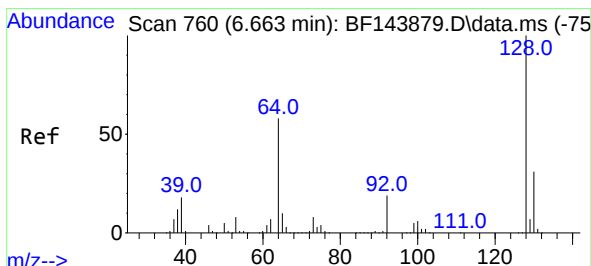
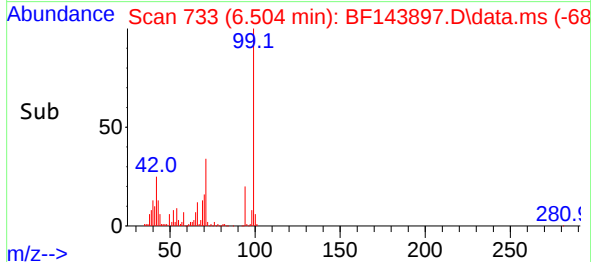
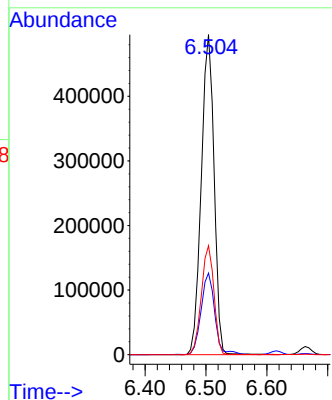
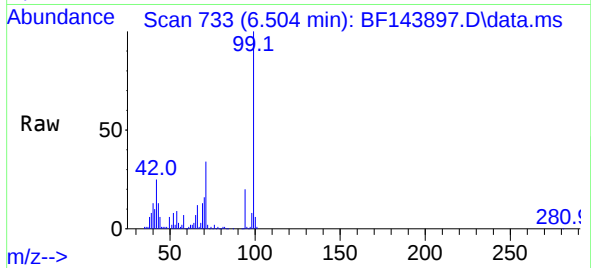




#7  
Phenol-d6  
Concen: 92.142 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

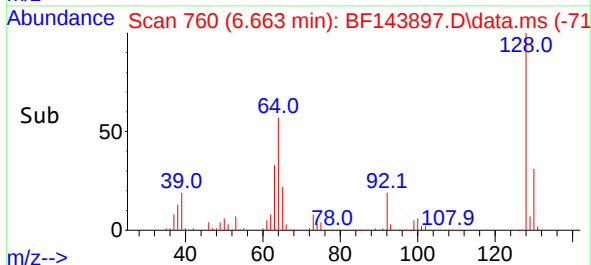
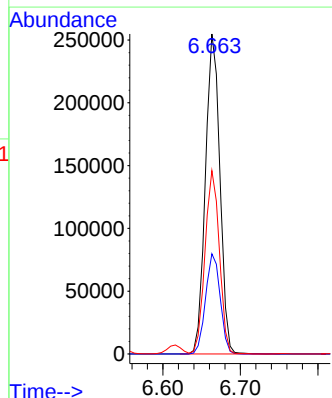
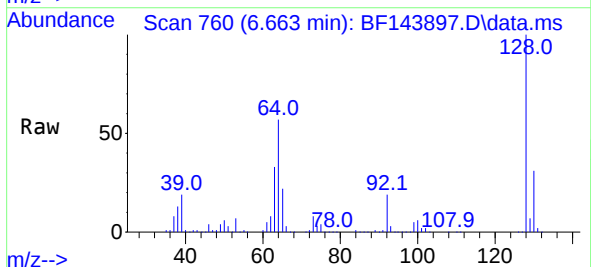
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BNA\_F  
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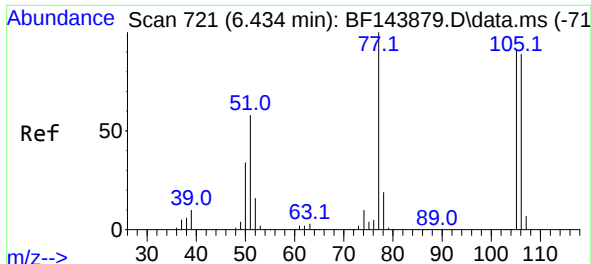
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Ion Ratio Lower Upper  
99 100  
42 25.5 21.0 31.4  
71 34.0 27.8 41.8



#8  
2-Chlorophenol  
Concen: 51.117 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 128 Resp: 330312  
Ion Ratio Lower Upper  
128 100  
130 31.3 10.7 50.7  
64 57.3 39.0 79.0



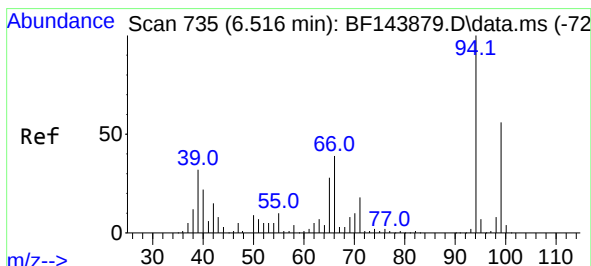
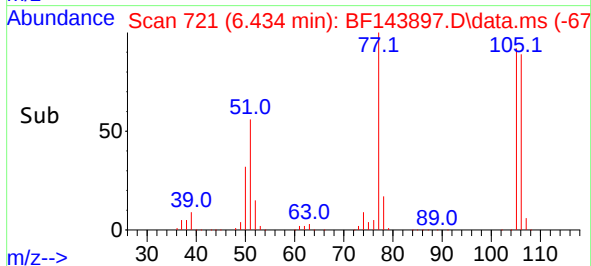
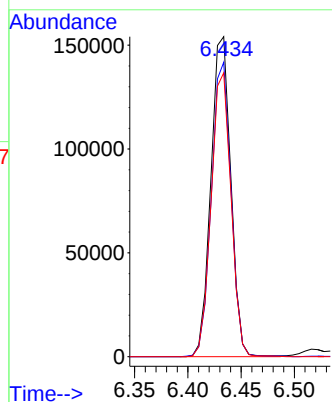
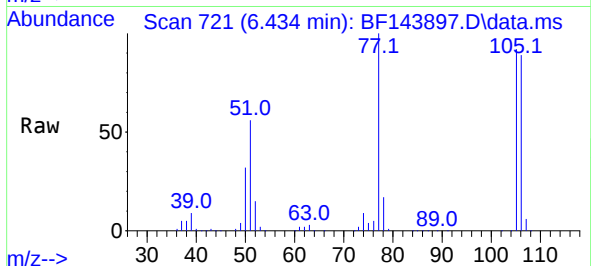


#9  
Benzaldehyde  
Concen: 32.986 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion: 77 Resp: 200501

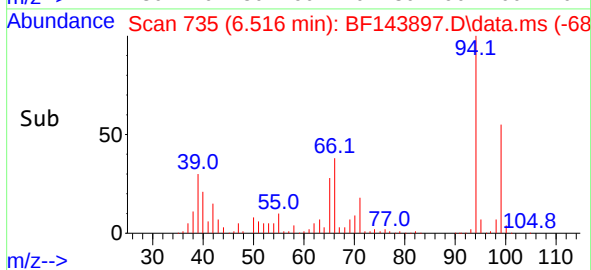
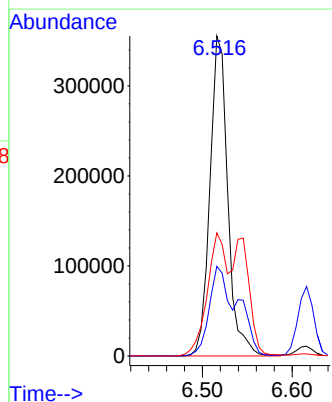
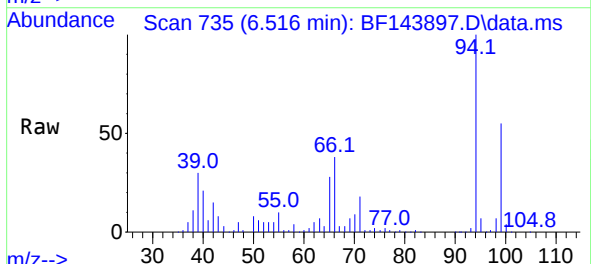
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 92.0  | 70.9  | 110.9 |
| 106 | 88.7  | 68.9  | 108.9 |

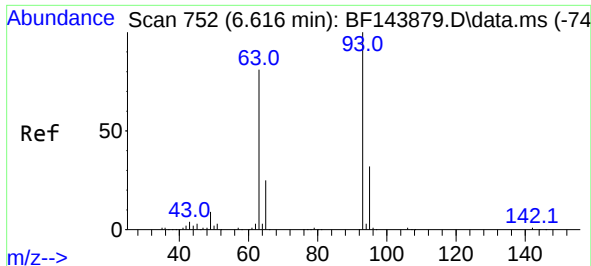


#10  
Phenol  
Concen: 52.140 ng  
RT: 6.516 min Scan# 735  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 94 Resp: 491177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 28.0  | 8.5   | 48.5  |
| 66  | 38.5  | 19.9  | 59.9  |

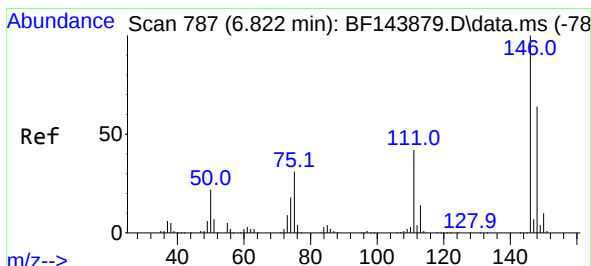
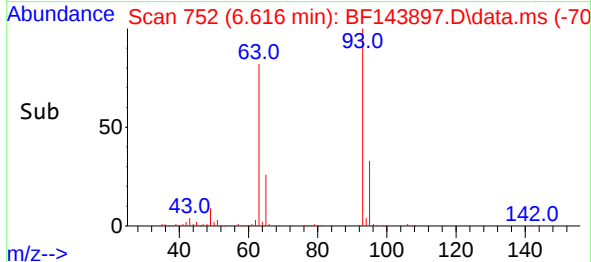
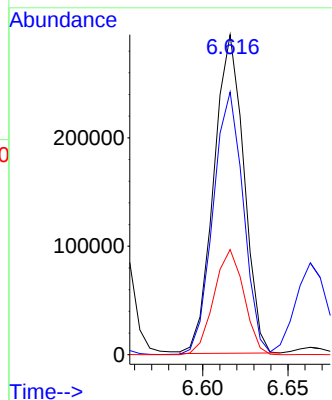
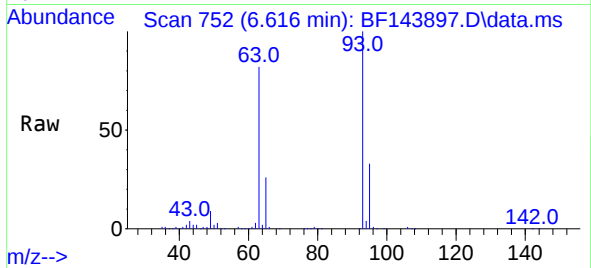




#11  
bis(2-Chloroethyl)ether  
Concen: 49.498 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

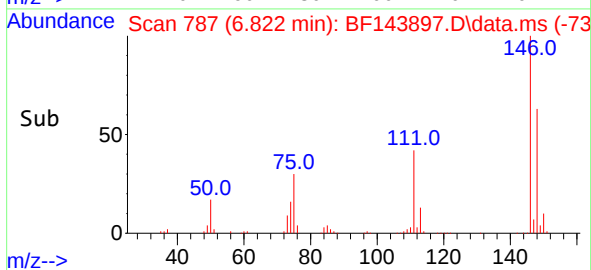
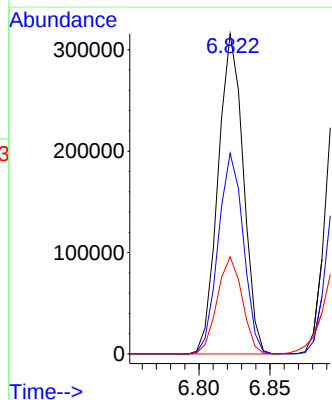
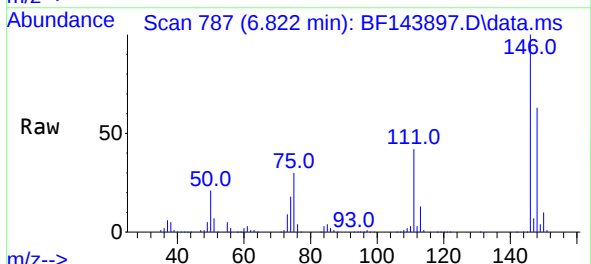
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

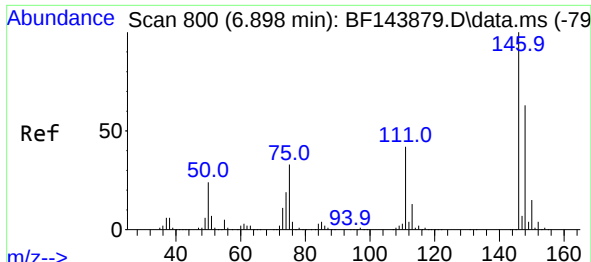
Tgt Ion: 93 Resp: 360197  
Ion Ratio Lower Upper  
93 100  
63 82.1 60.9 100.9  
95 32.8 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 50.367 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:146 Resp: 389590  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.0 76.4  
75 30.3 24.9 37.3

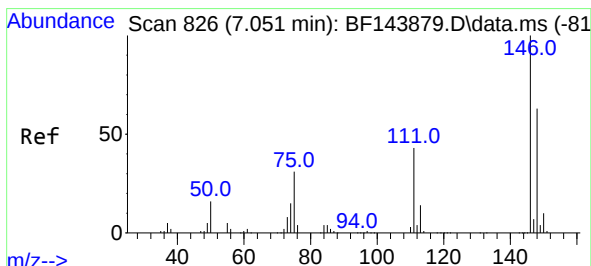
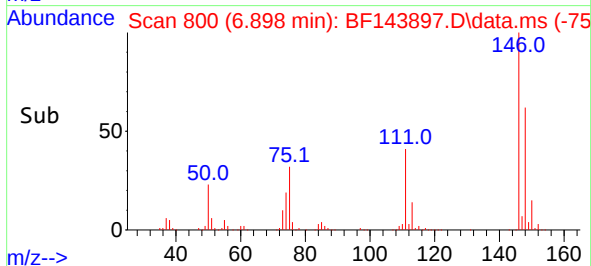
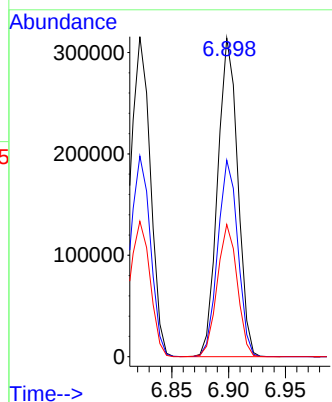
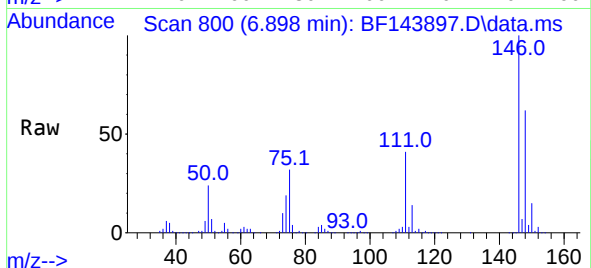




#13  
1,4-Dichlorobenzene  
Concen: 50.766 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

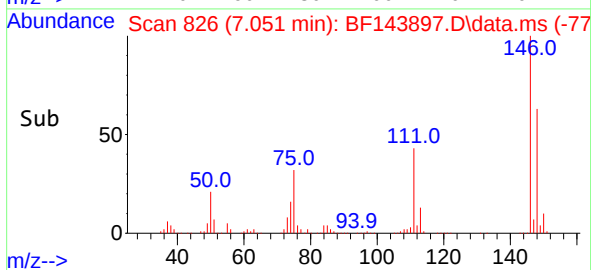
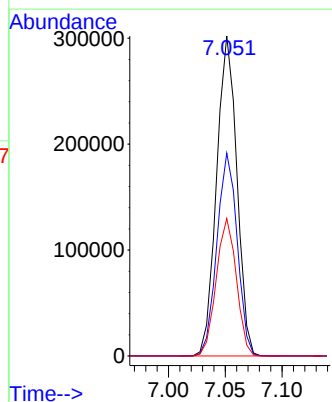
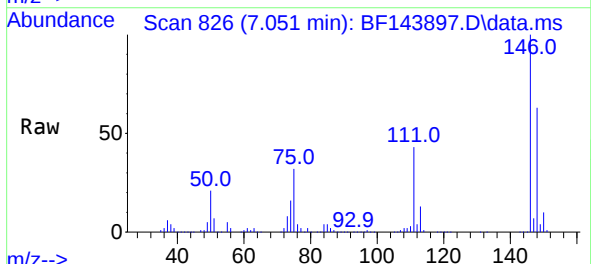
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

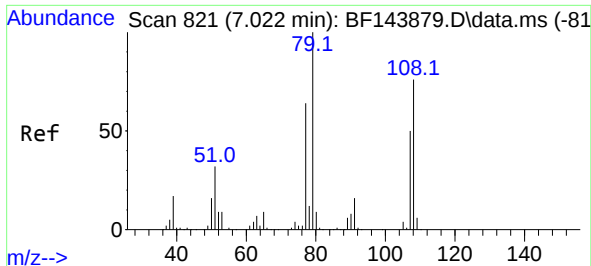
Tgt Ion:146 Resp: 387346  
Ion Ratio Lower Upper  
146 100  
148 61.7 50.5 75.7  
111 41.5 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 51.411 ng  
RT: 7.051 min Scan# 826  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:146 Resp: 375725  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.6 75.8  
111 43.0 34.6 51.8

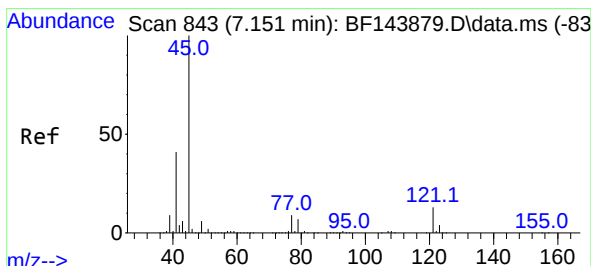
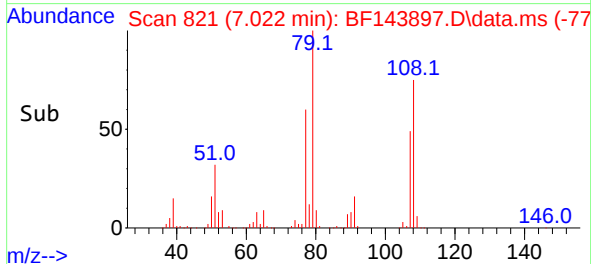
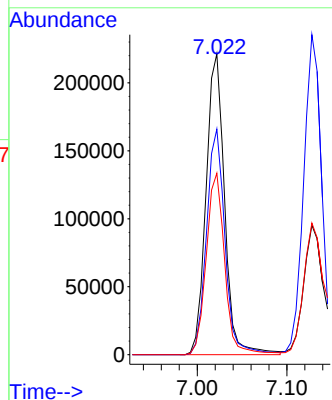
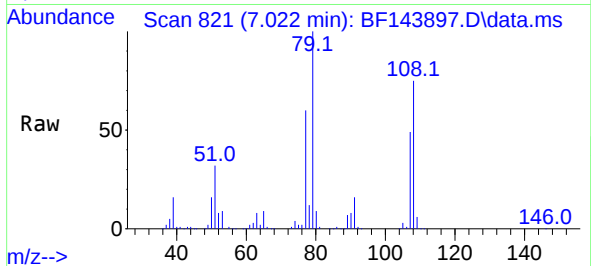




#15  
Benzyl Alcohol  
Concen: 53.805 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

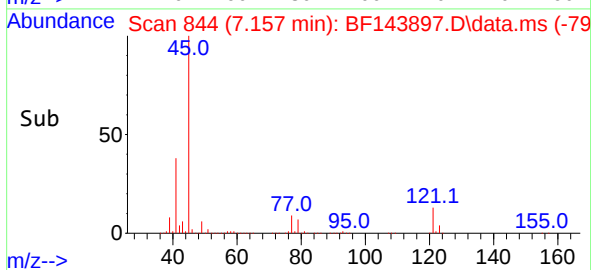
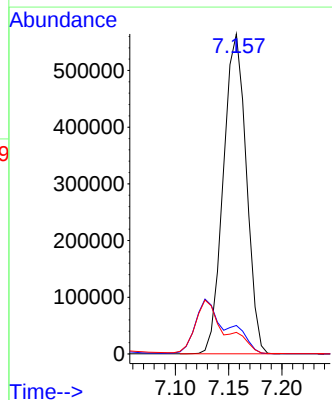
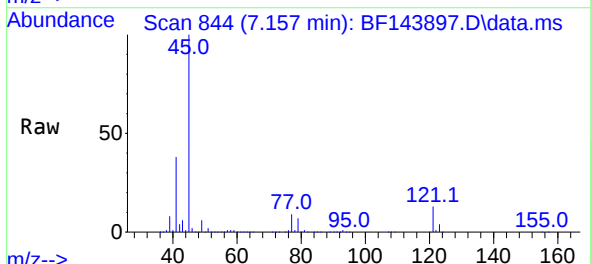
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

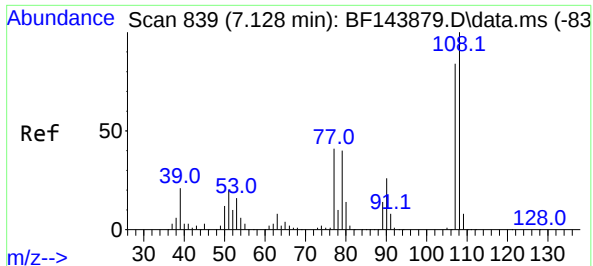
Tgt Ion: 79 Resp: 317661  
Ion Ratio Lower Upper  
79 100  
108 74.9 60.8 91.2  
77 60.3 51.0 76.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 50.891 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 45 Resp: 842961  
Ion Ratio Lower Upper  
45 100  
77 8.9 0.0 29.0  
79 6.8 0.0 26.8



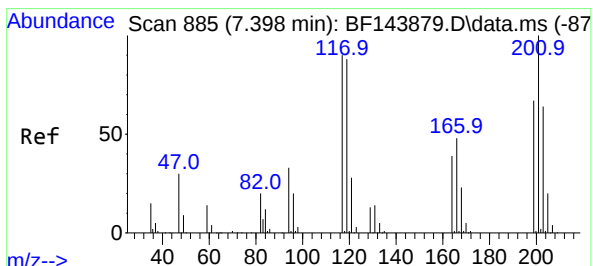
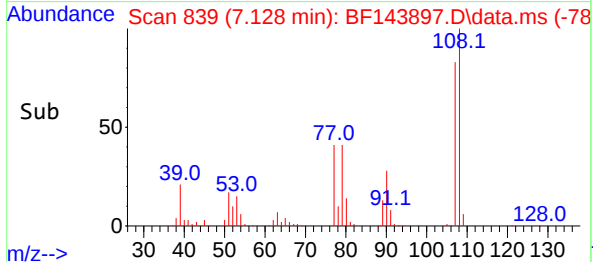
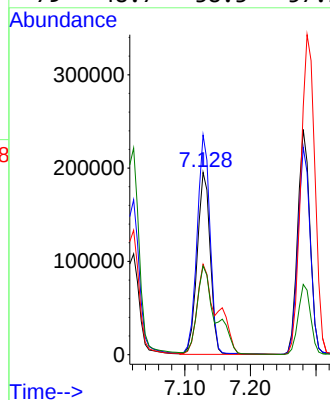
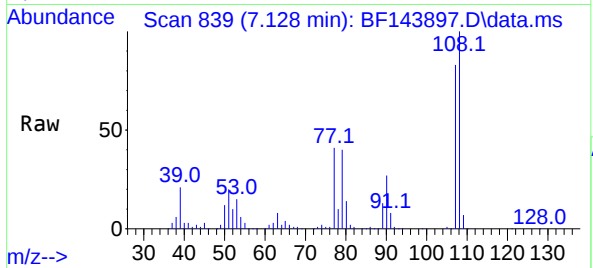


#17  
2-Methylphenol  
Concen: 50.706 ng  
RT: 7.128 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion:107 Resp: 270788

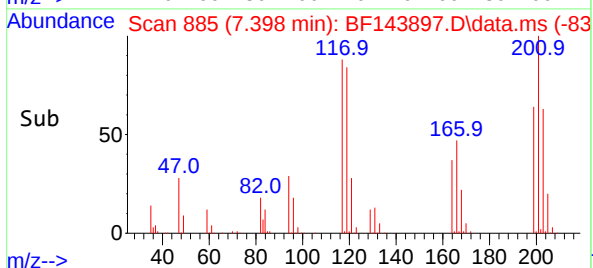
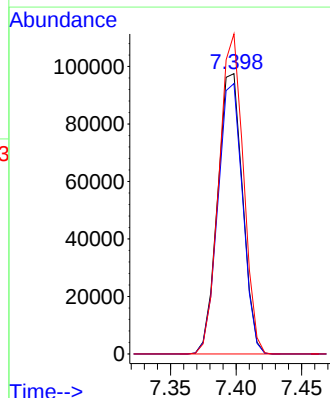
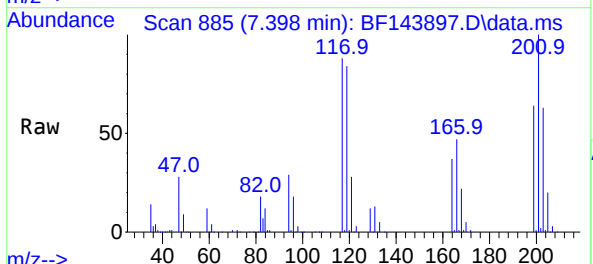
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 120.5 | 94.7  | 142.1 |
| 77  | 49.6  | 38.8  | 58.2  |
| 79  | 48.7  | 38.3  | 57.5  |

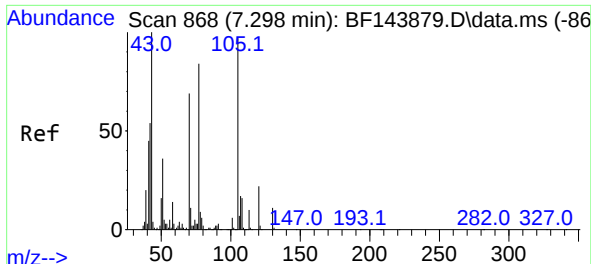


#18  
Hexachloroethane  
Concen: 50.719 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:117 Resp: 129059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.4  | 77.8  | 116.8 |
| 201 | 114.1 | 88.5  | 132.7 |



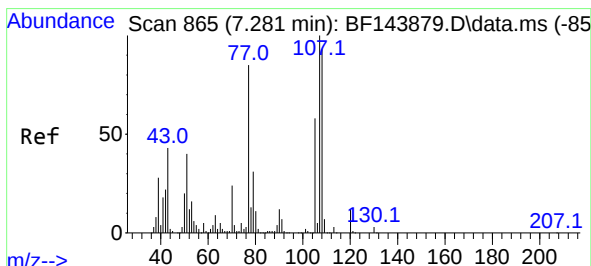
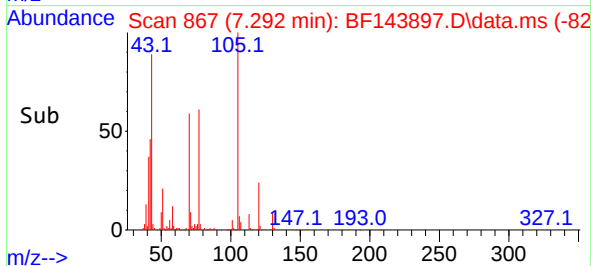
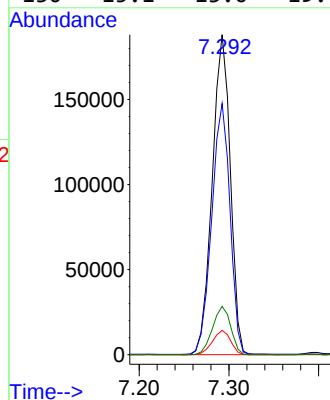
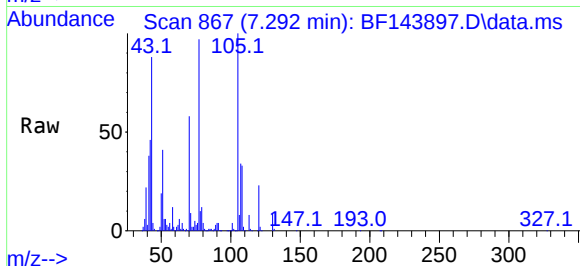


#19  
n-Nitroso-di-n-propylamine  
Concen: 48.837 ng  
RT: 7.292 min Scan# 868  
Delta R.T. -0.023 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion: 70 Resp: 263410

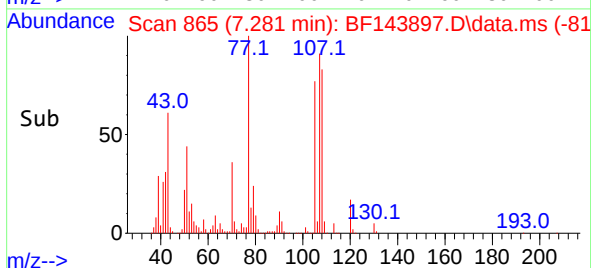
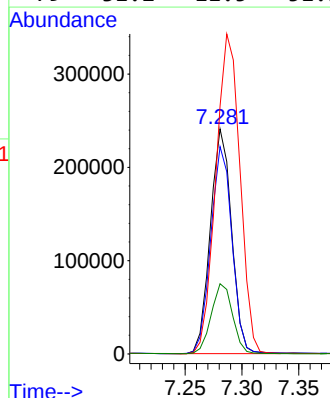
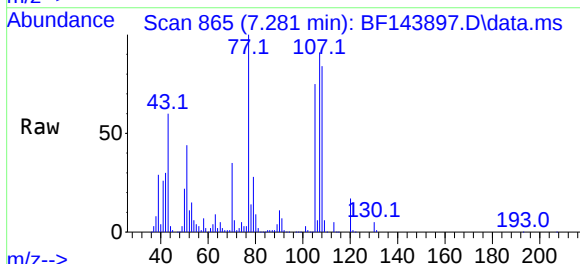
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 78.5  | 62.8  | 94.2  |
| 101 | 7.6   | 6.7   | 10.1  |
| 130 | 15.1  | 13.0  | 19.4  |

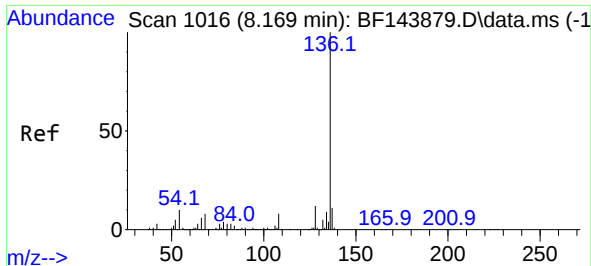


#20  
3+4-Methylphenols  
Concen: 50.531 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 107 Resp: 312761

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 92.1  | 73.0  | 113.0  |
| 77  | 110.1 | 64.6  | 104.6# |
| 79  | 31.2  | 11.5  | 51.5   |



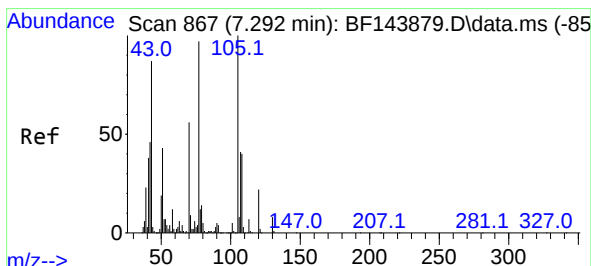
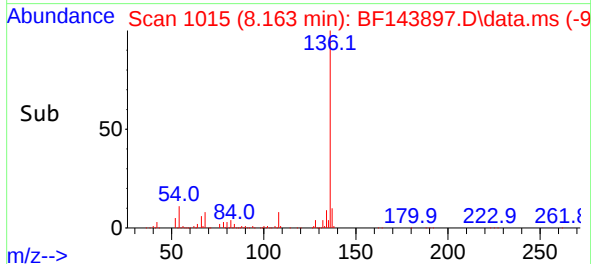
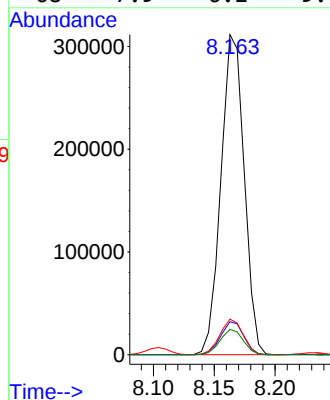
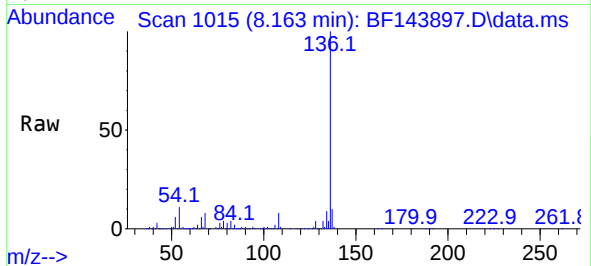


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion:136 Resp: 414079

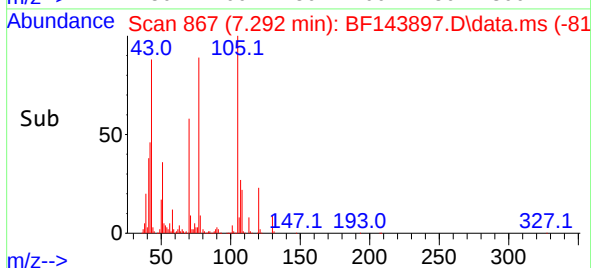
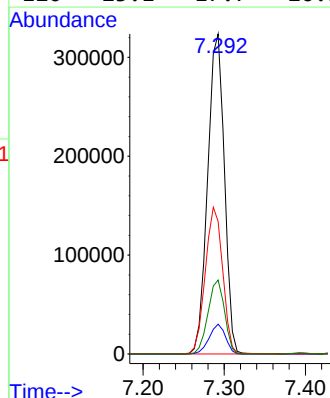
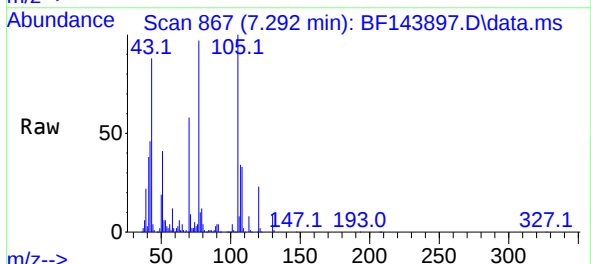
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 8.5   | 12.7  |
| 54  | 11.1  | 8.2   | 12.4  |
| 68  | 7.9   | 6.2   | 9.4   |

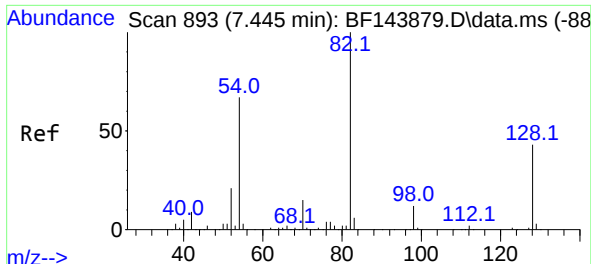


#22  
Acetophenone  
Concen: 52.790 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:105 Resp: 462199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 9.3   | 7.4   | 11.0  |
| 51  | 41.4  | 34.2  | 51.4  |
| 120 | 23.1  | 17.7  | 26.5  |

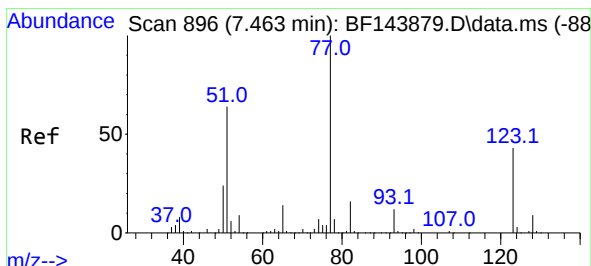
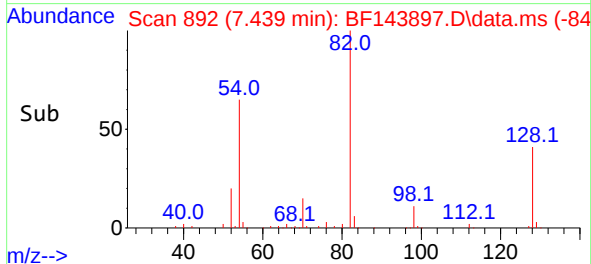
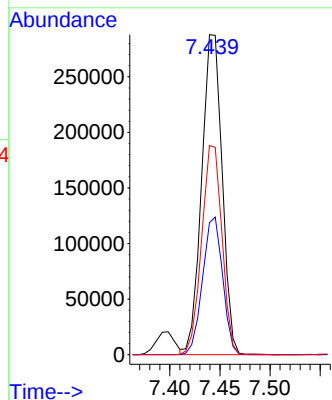
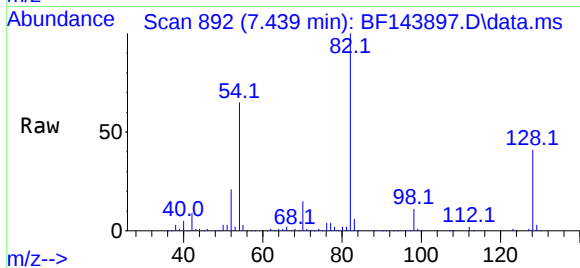




#23  
Nitrobenzene-d5  
Concen: 60.137 ng  
RT: 7.439 min Scan# 893  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

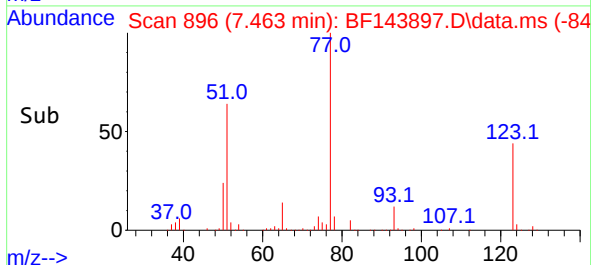
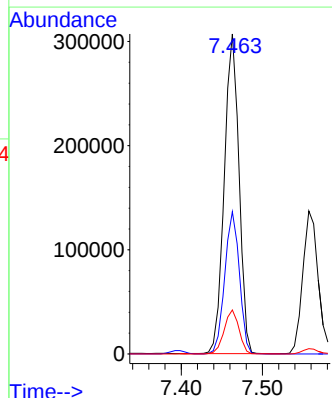
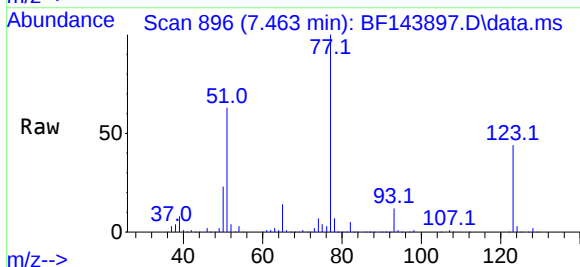
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

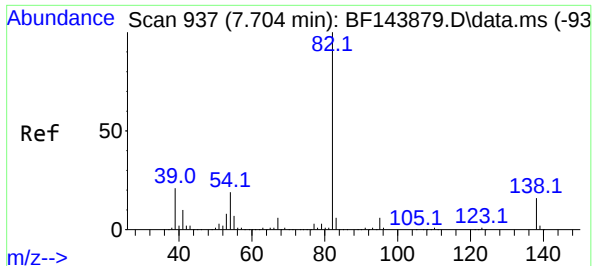
Tgt Ion: 82 Resp: 409871  
Ion Ratio Lower Upper  
82 100  
128 41.3 34.0 51.0  
54 65.3 53.2 79.8



#24  
Nitrobenzene  
Concen: 51.311 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 77 Resp: 388361  
Ion Ratio Lower Upper  
77 100  
123 44.5 34.2 51.4  
65 13.8 11.0 16.6

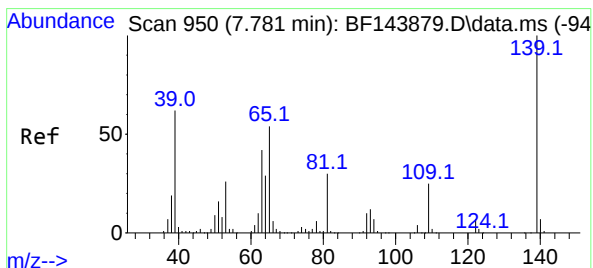
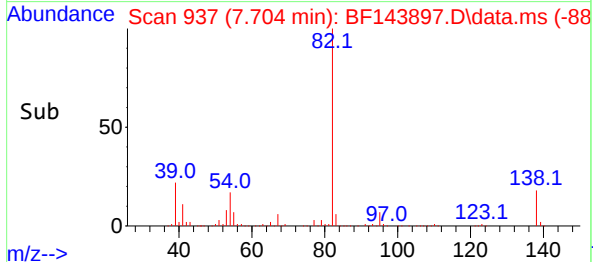
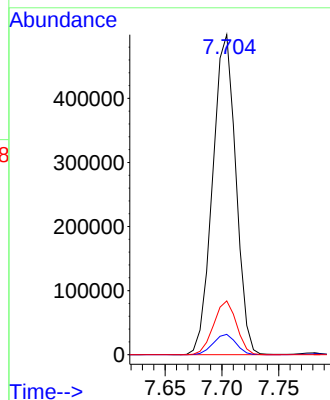
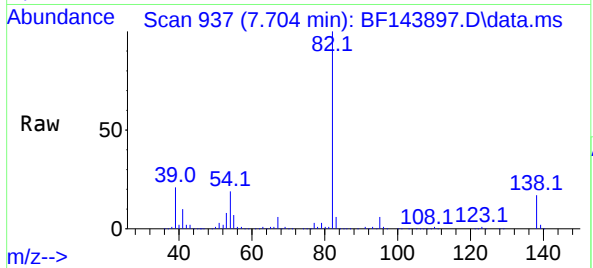




#25  
Isophorone  
Concen: 49.451 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

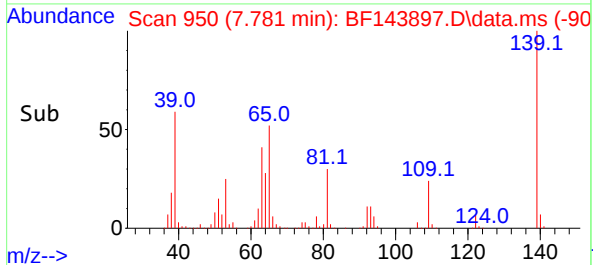
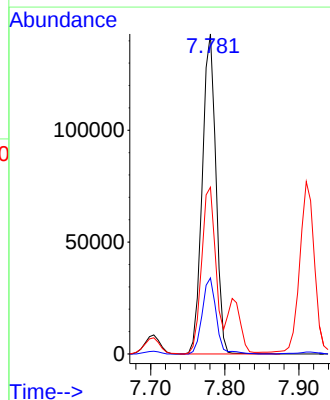
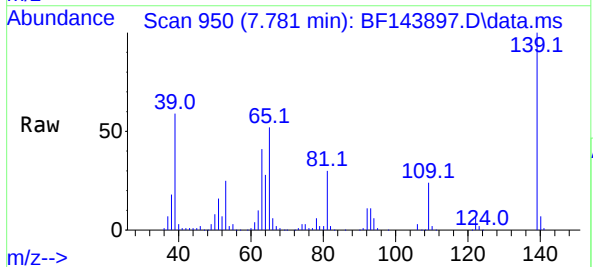
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

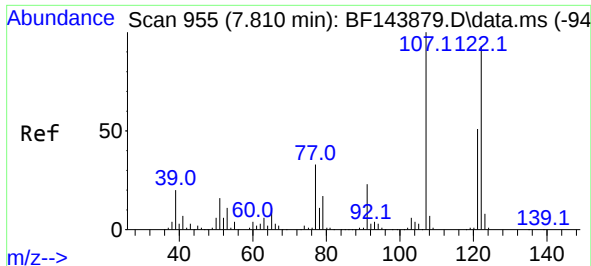
Tgt Ion: 82 Resp: 710657  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 16.8 12.9 19.3



#26  
2-Nitrophenol  
Concen: 56.513 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 139 Resp: 183382  
Ion Ratio Lower Upper  
139 100  
109 23.8 19.8 29.6  
65 52.1 42.9 64.3

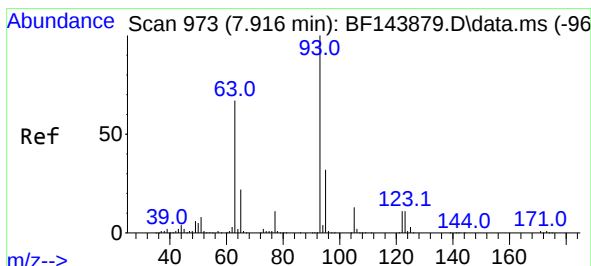
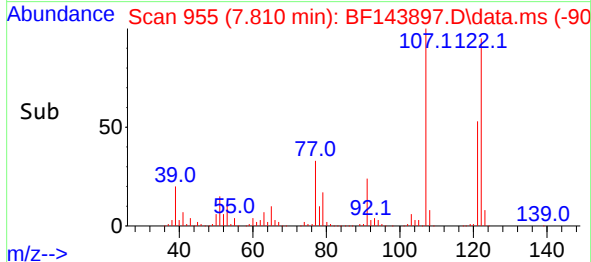
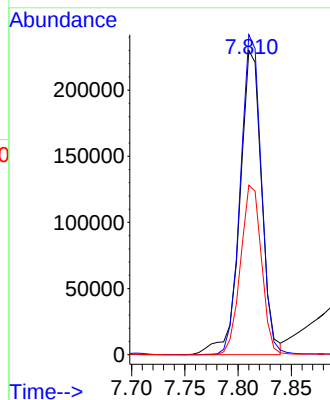
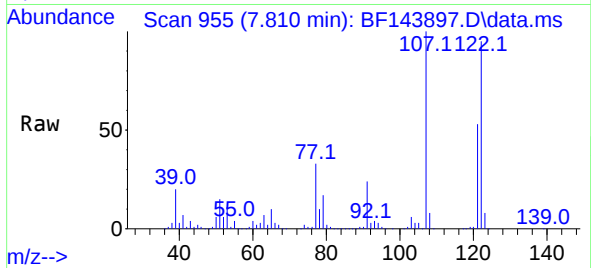




#27  
2,4-Dimethylphenol  
Concen: 56.123 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

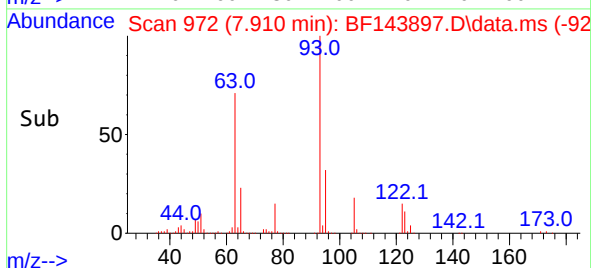
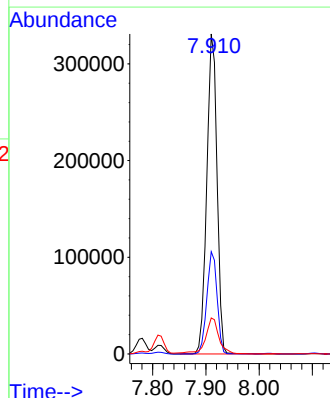
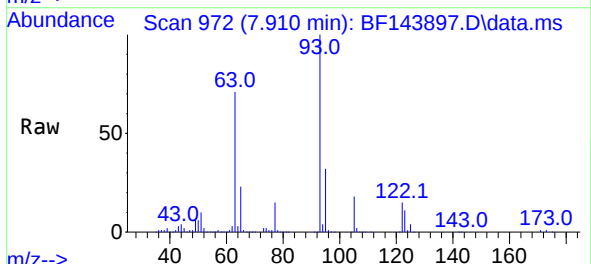
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

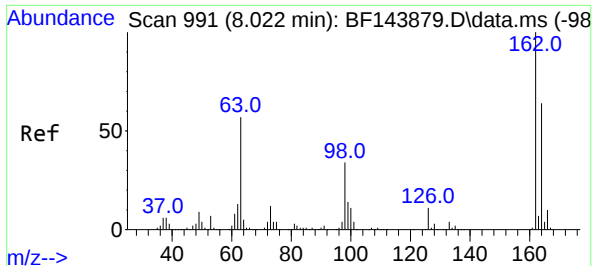
Tgt Ion:122 Resp: 327606  
Ion Ratio Lower Upper  
122 100  
107 105.2 86.1 129.1  
121 55.7 43.8 65.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.744 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 93 Resp: 442496  
Ion Ratio Lower Upper  
93 100  
95 32.0 25.9 38.9  
123 11.2 9.4 14.0

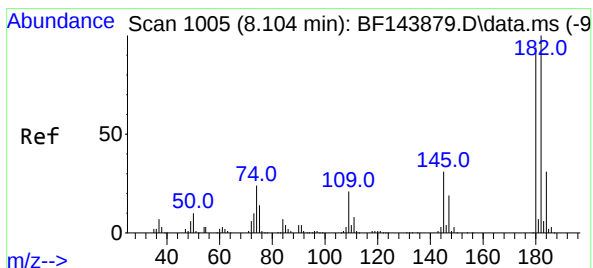
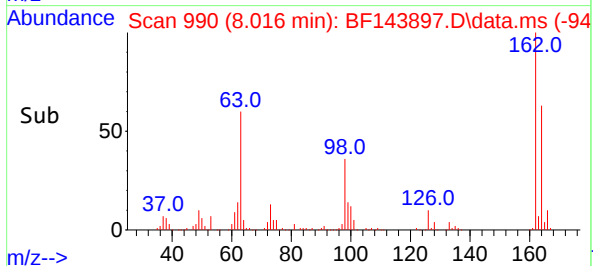
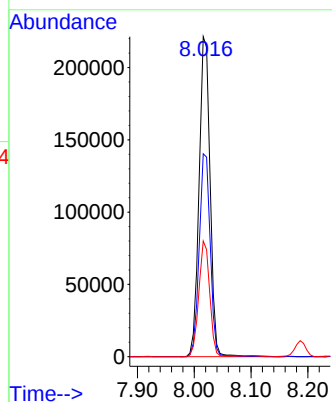
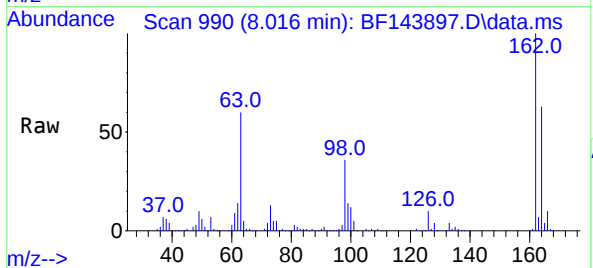




#29  
2,4-Dichlorophenol  
Concen: 49.237 ng  
RT: 8.016 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

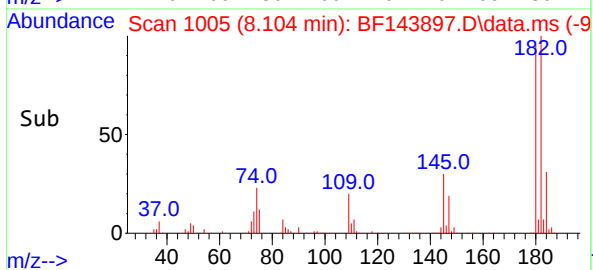
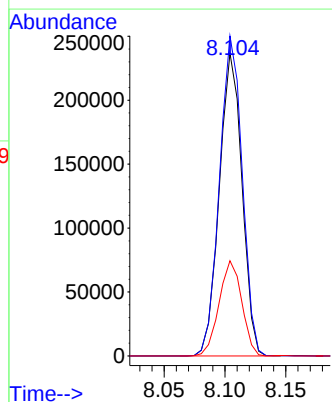
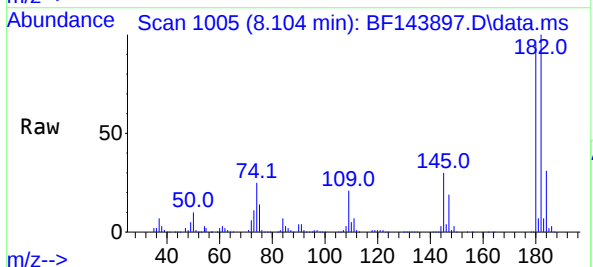
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

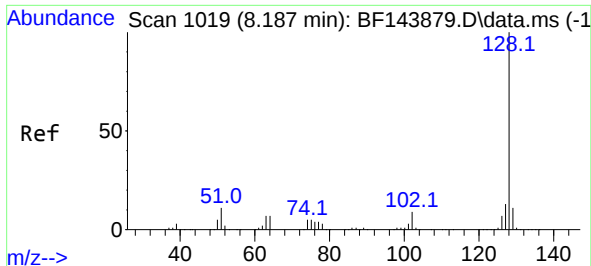
Tgt Ion:162 Resp: 299378  
Ion Ratio Lower Upper  
162 100  
164 63.4 43.9 83.9  
98 36.2 14.4 54.4



#30  
1,2,4-Trichlorobenzene  
Concen: 51.312 ng  
RT: 8.104 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:180 Resp: 306837  
Ion Ratio Lower Upper  
180 100  
182 105.6 85.4 128.0  
145 31.5 26.3 39.5

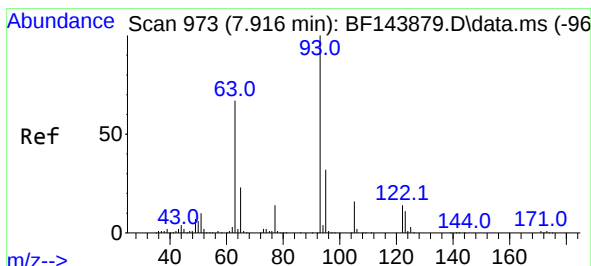
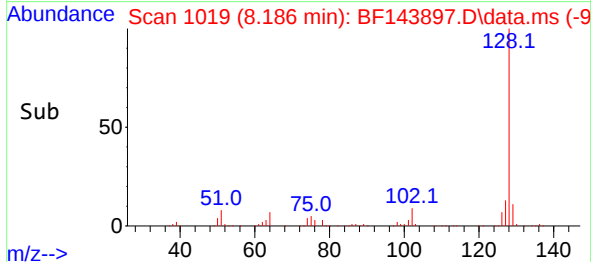
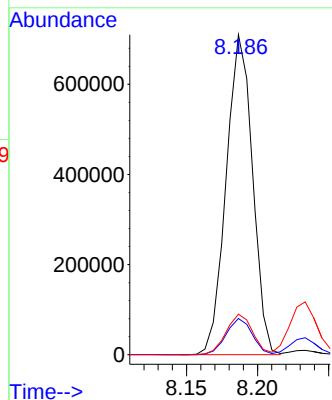
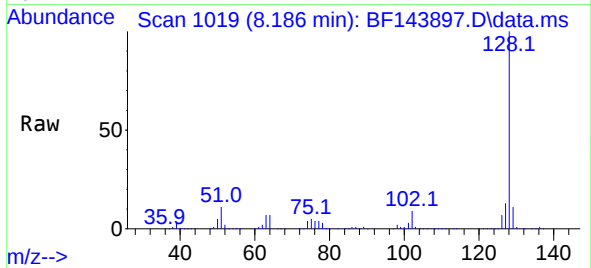




#31  
Naphthalene  
Concen: 48.602 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

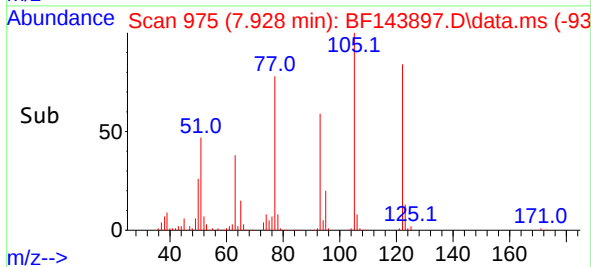
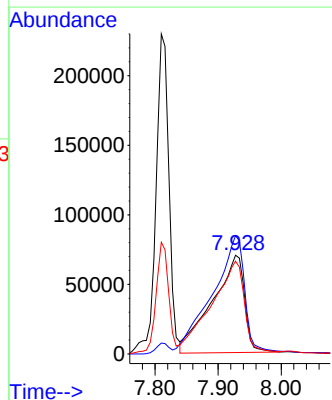
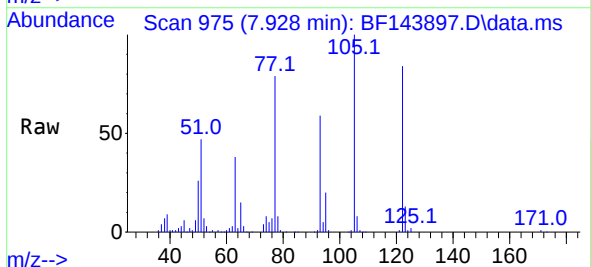
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

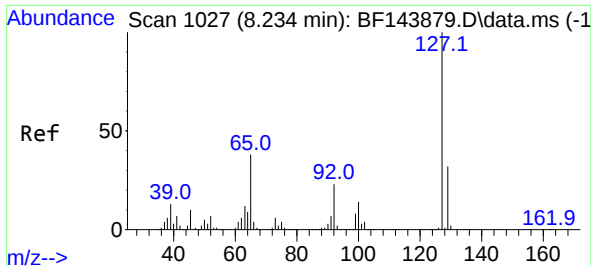
Tgt Ion:128 Resp: 915469  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 12.7 10.0 15.0



#32  
Benzoic acid  
Concen: 61.484 ng  
RT: 7.928 min Scan# 975  
Delta R.T. -0.035 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:122 Resp: 248384  
Ion Ratio Lower Upper  
122 100  
105 119.7 93.5 133.5  
77 94.0 76.3 116.3



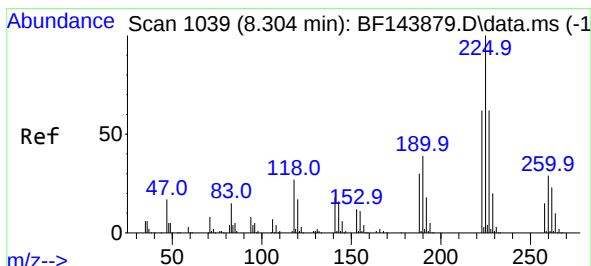
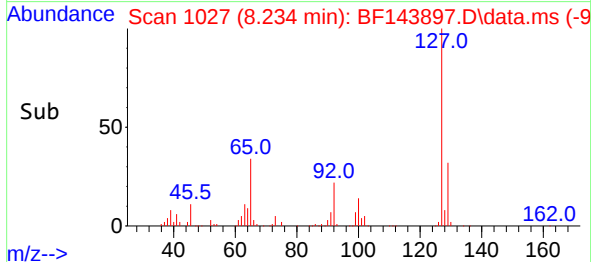
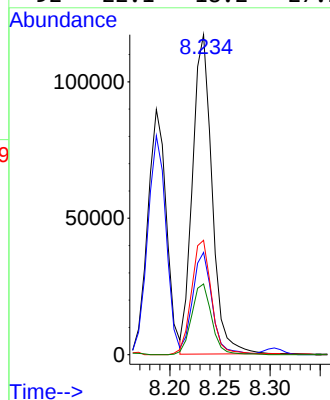
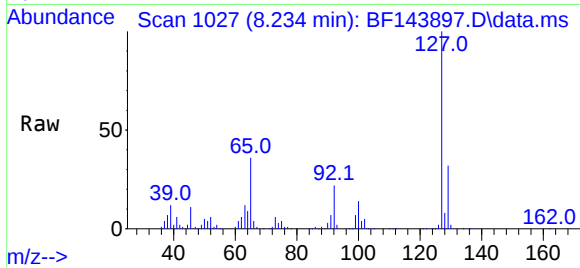


#33  
4-Chloroaniline  
Concen: 22.450 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion:127 Resp: 158601

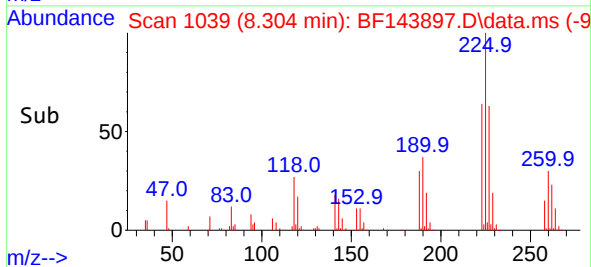
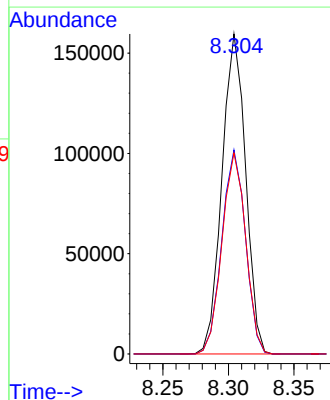
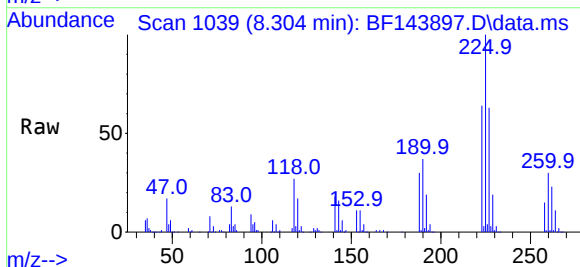
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.0  | 25.8  | 38.8  |
| 65  | 35.7  | 30.0  | 45.0  |
| 92  | 22.1  | 18.2  | 27.2  |

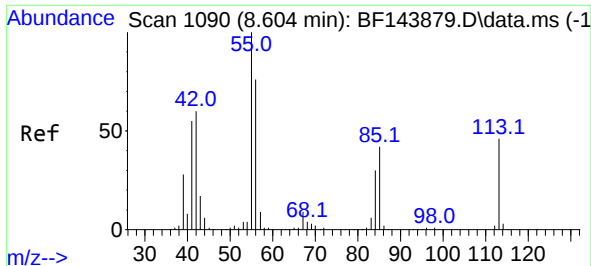


#34  
Hexachlorobutadiene  
Concen: 48.120 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:225 Resp: 199956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.7  | 49.4  | 74.2  |
| 227 | 62.8  | 49.7  | 74.5  |

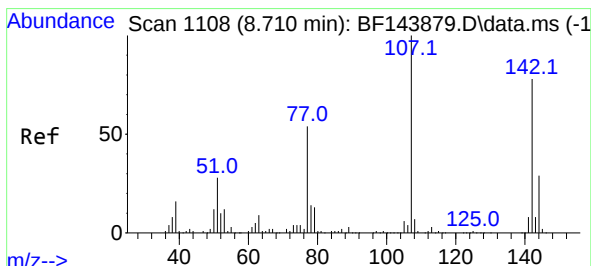
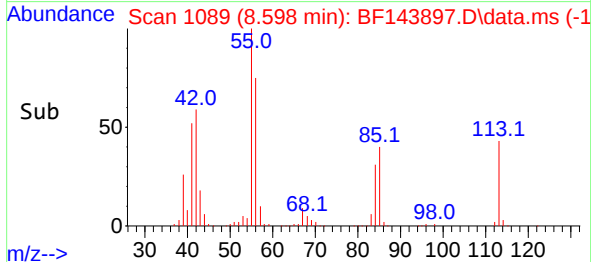
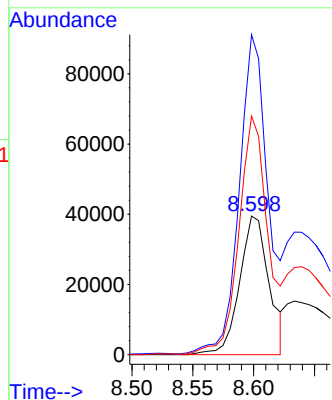
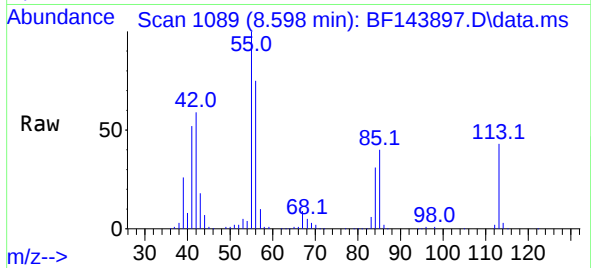




#35  
Caprolactam  
Concen: 34.326 ng  
RT: 8.598 min Scan# 1090  
Delta R.T. -0.047 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

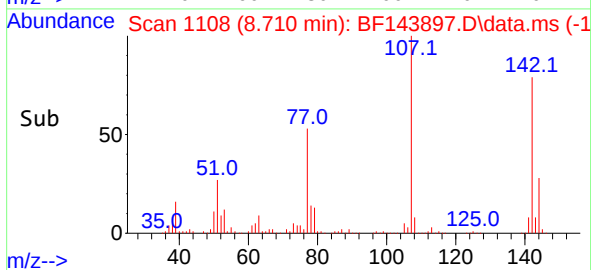
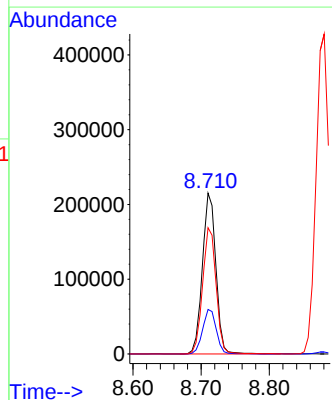
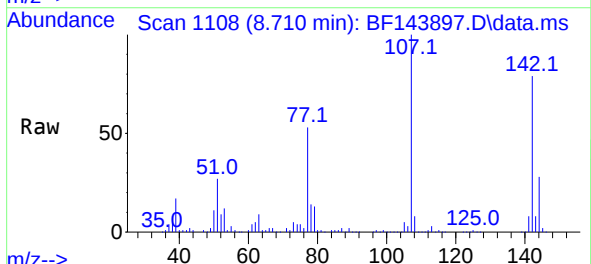
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

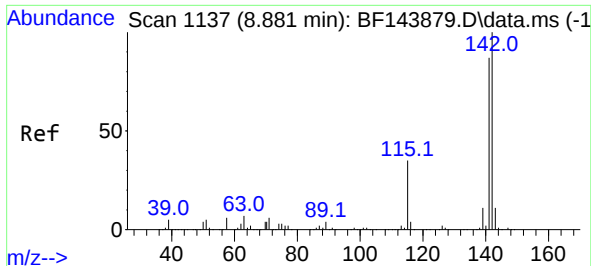
Tgt Ion:113 Resp: 66361  
Ion Ratio Lower Upper  
113 100  
55 230.9 199.6 239.6  
56 172.2 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 50.775 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:107 Resp: 296553  
Ion Ratio Lower Upper  
107 100  
144 27.7 23.1 34.7  
142 78.5 62.6 94.0





#37

2-Methylnaphthalene

Concen: 45.093 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA\_F

ClientSampleId :

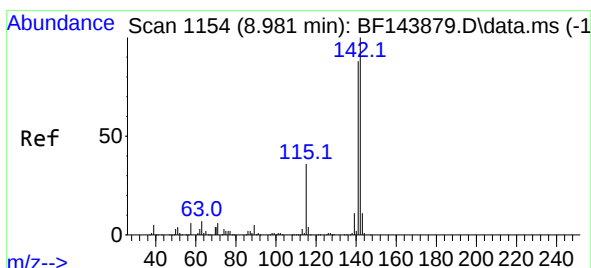
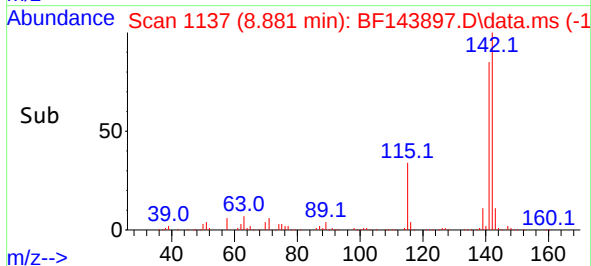
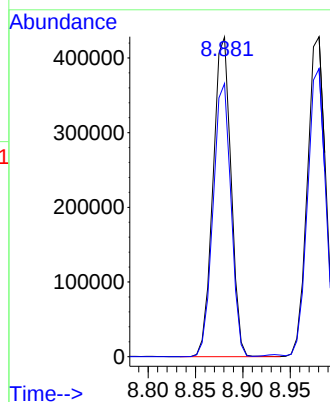
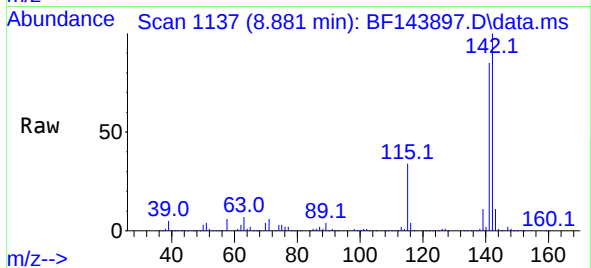
HL-WESTMS

Tgt Ion:142 Resp: 565794

Ion Ratio Lower Upper

142 100

141 85.4 69.2 103.8



#38

1-Methylnaphthalene

Concen: 46.846 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143897.D

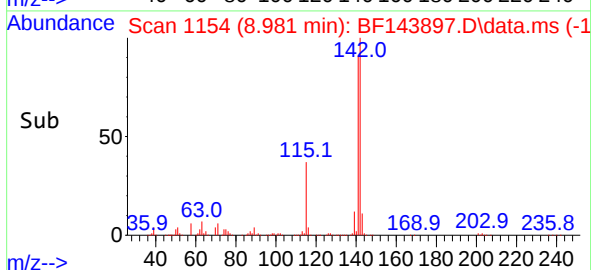
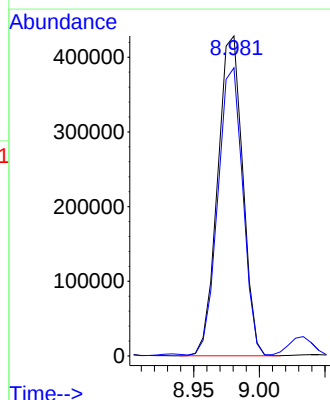
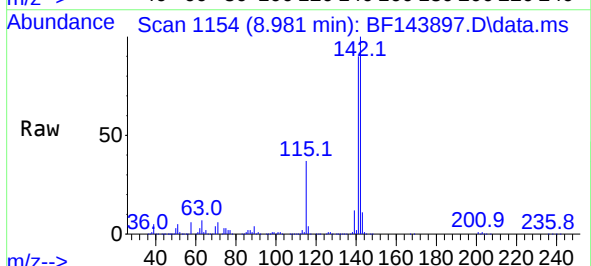
Acq: 08 Oct 2025 16:09

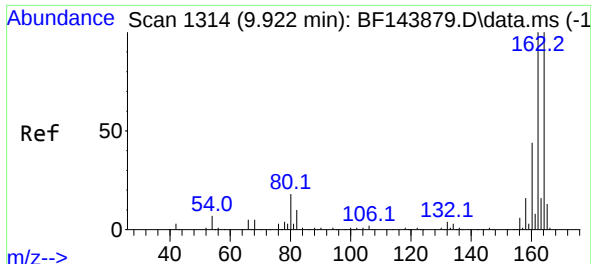
Tgt Ion:142 Resp: 570133

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

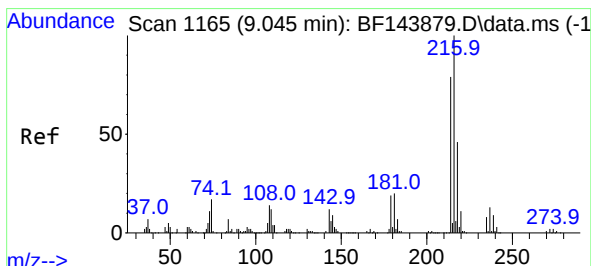
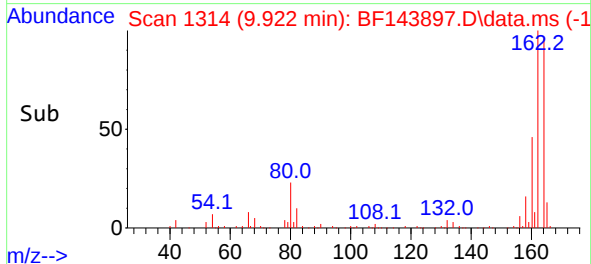
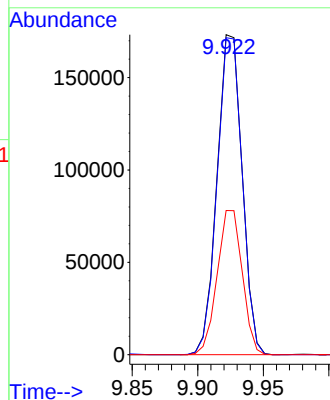
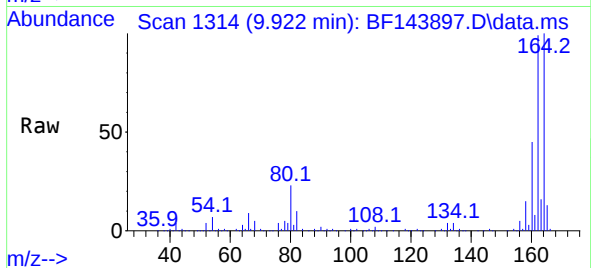




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1114  
Delta R.T. -0.005 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

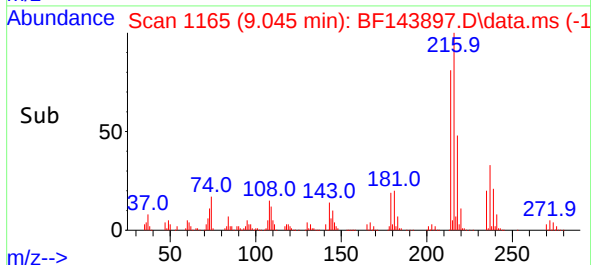
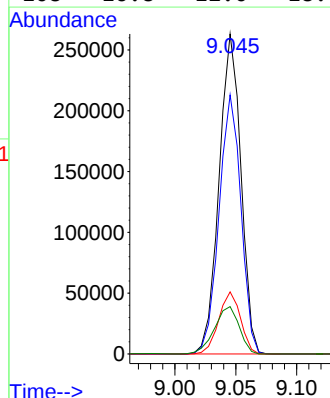
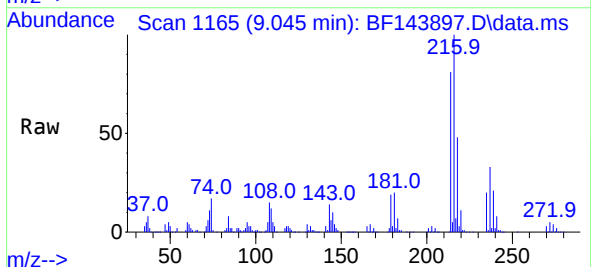
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

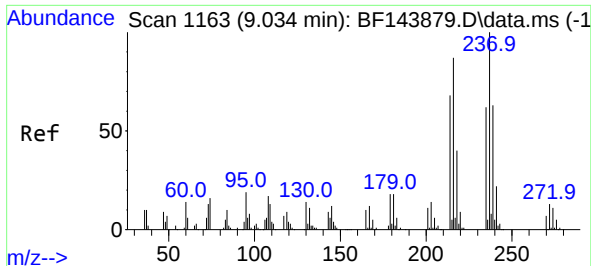
Tgt Ion:164 Resp: 230955  
Ion Ratio Lower Upper  
164 100  
162 99.0 80.2 120.2  
160 45.1 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.429 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

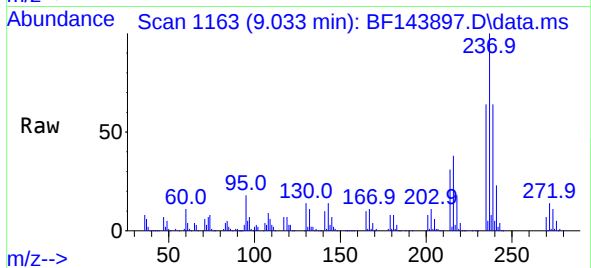
Tgt Ion:216 Resp: 328286  
Ion Ratio Lower Upper  
216 100  
214 81.1 62.6 94.0  
179 19.4 15.4 23.0  
108 16.8 12.0 18.0



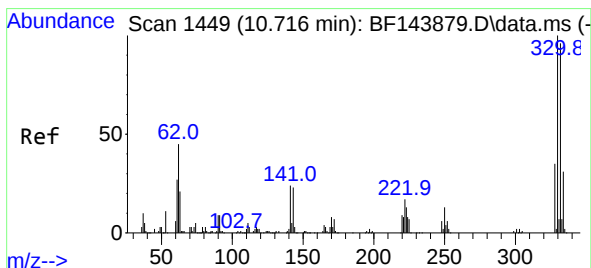
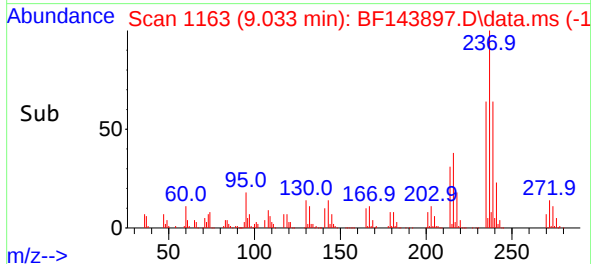
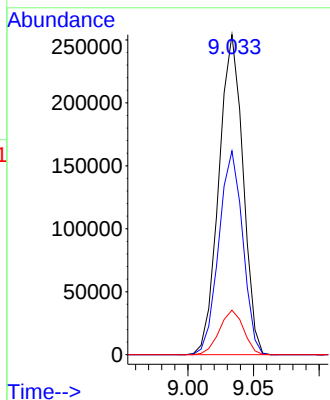


#41  
Hexachlorocyclopentadiene  
Concen: 122.658 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
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ClientSampleId :  
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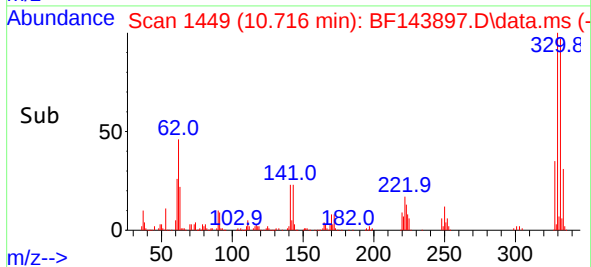
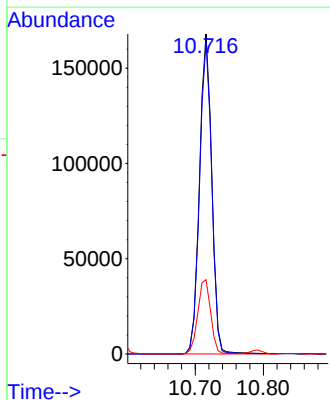
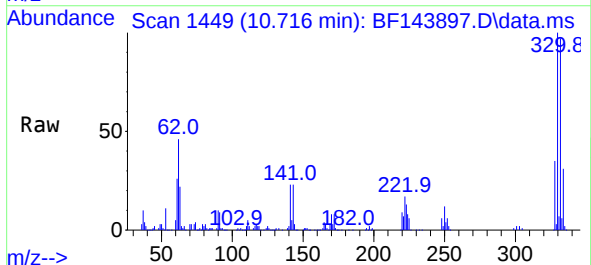


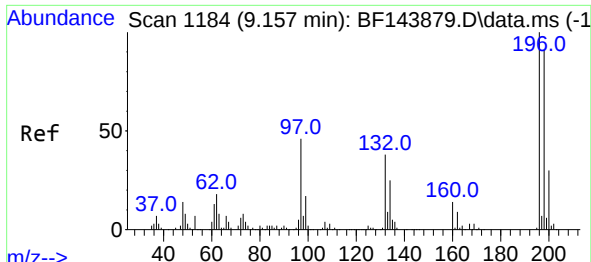
Tgt Ion:237 Resp: 324817  
Ion Ratio Lower Upper  
237 100  
235 63.7 42.3 82.3  
272 13.9 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 91.516 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
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Tgt Ion:330 Resp: 210519  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.9 115.3  
141 24.4 20.2 30.4

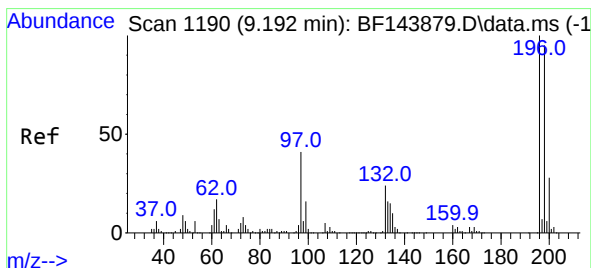
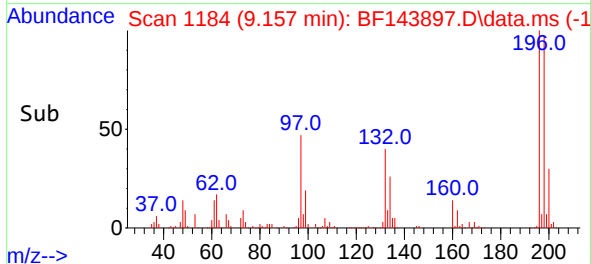
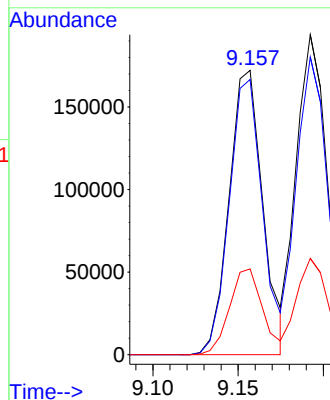
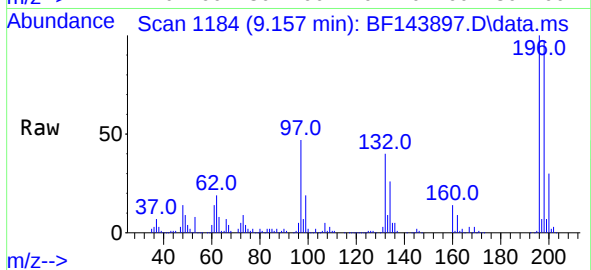




#43  
2,4,6-Trichlorophenol  
Concen: 50.927 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

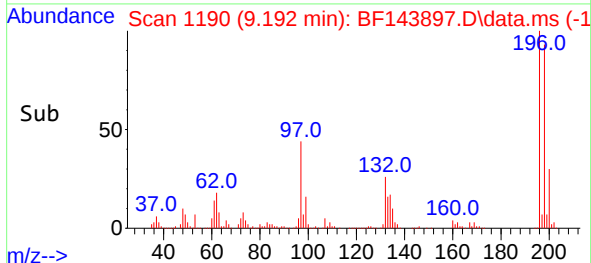
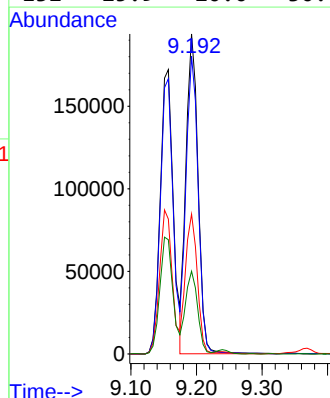
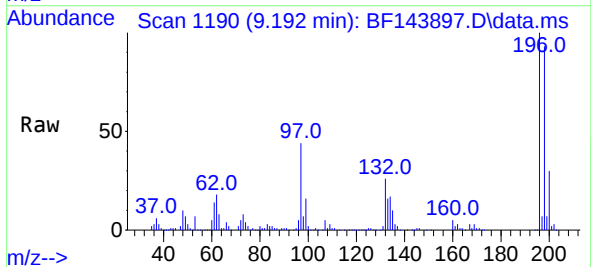
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ClientSampleId :  
HL-WESTMS

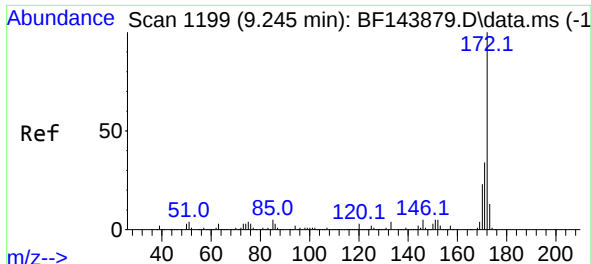
Tgt Ion:196 Resp: 237523  
Ion Ratio Lower Upper  
196 100  
198 96.8 72.8 109.2  
200 30.2 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 50.109 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:196 Resp: 246975  
Ion Ratio Lower Upper  
196 100  
198 93.1 75.5 113.3  
97 43.7 33.9 50.9  
132 25.9 20.0 30.0

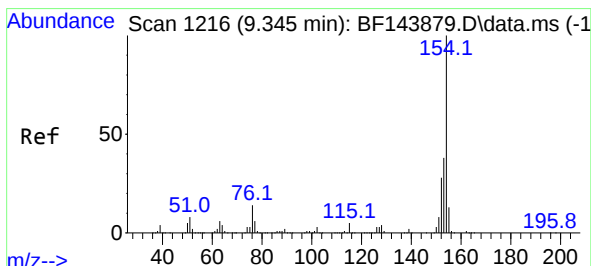
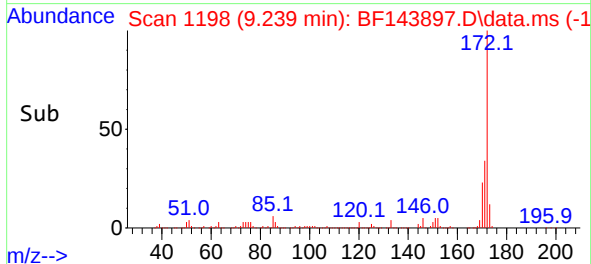
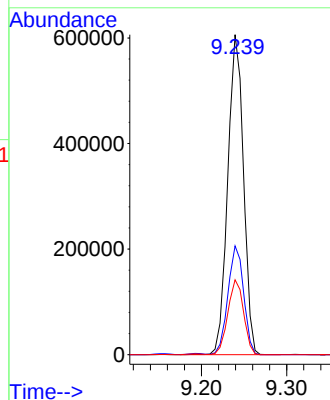
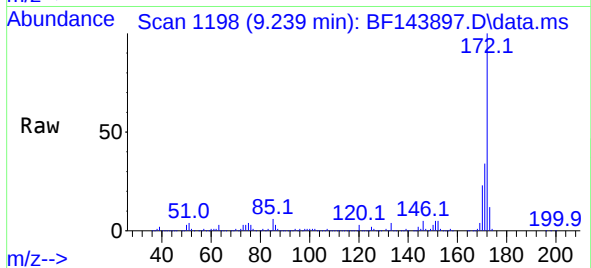




#45  
2-Fluorobiphenyl  
Concen: 53.403 ng  
RT: 9.239 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

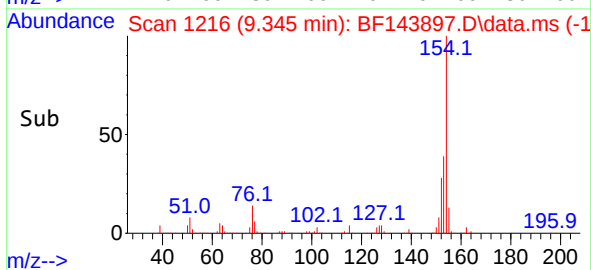
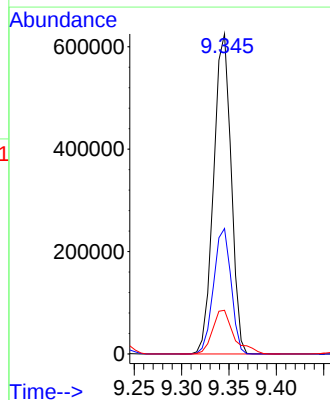
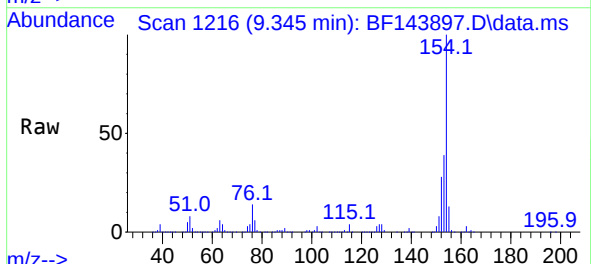
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

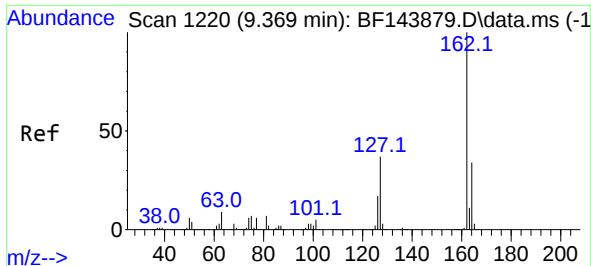
Tgt Ion:172 Resp: 777296  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.4 41.0  
170 23.4 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 52.467 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:154 Resp: 802287  
Ion Ratio Lower Upper  
154 100  
153 39.2 18.4 58.4  
76 13.7 0.0 34.0

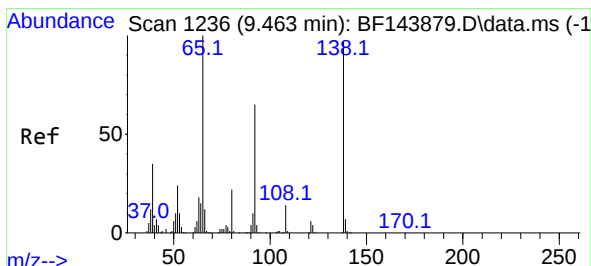
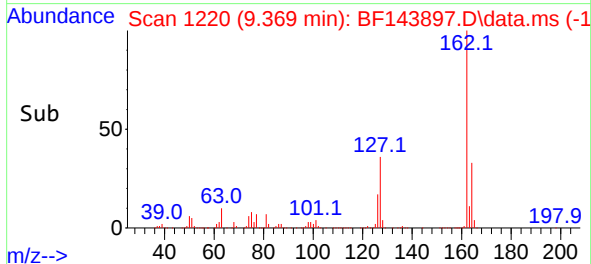
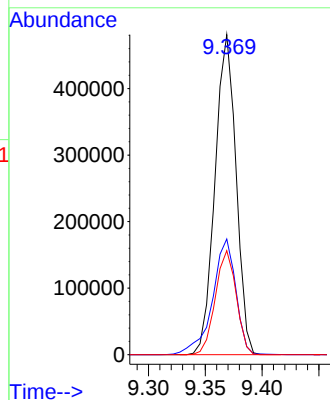
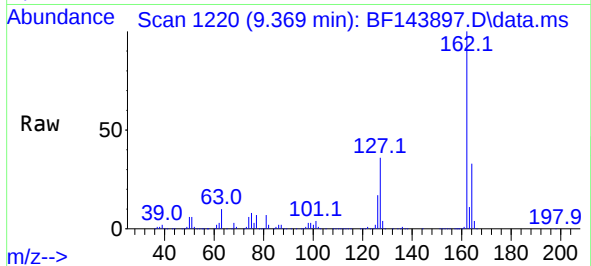




#47  
2-Chloronaphthalene  
Concen: 48.619 ng  
RT: 9.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

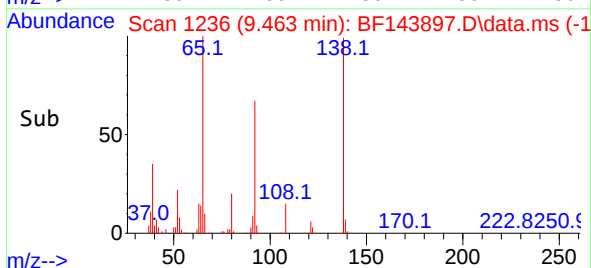
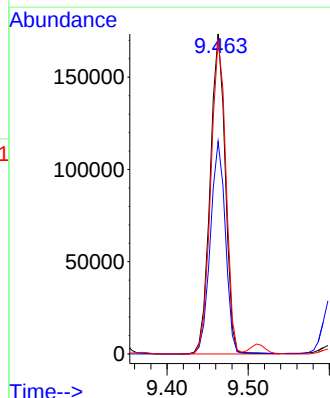
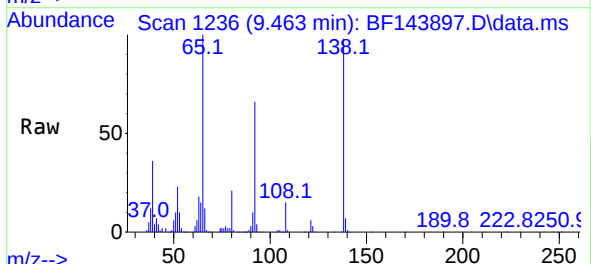
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

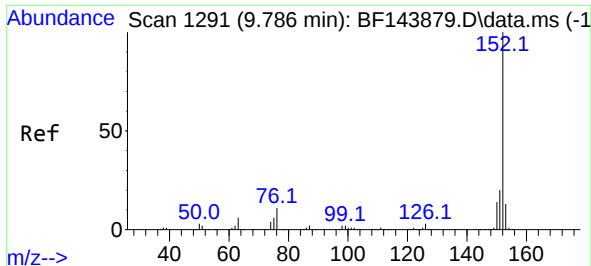
Tgt Ion:162 Resp: 619852  
Ion Ratio Lower Upper  
162 100  
127 36.1 30.2 45.2  
164 32.5 26.9 40.3



#48  
2-Nitroaniline  
Concen: 55.387 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 65 Resp: 223250  
Ion Ratio Lower Upper  
65 100  
92 66.4 52.1 78.1  
138 98.3 77.4 116.2

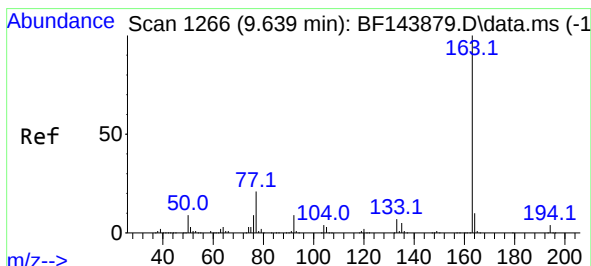
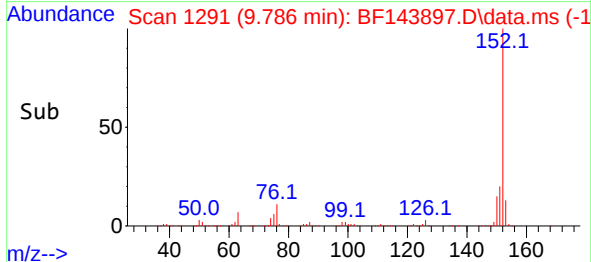
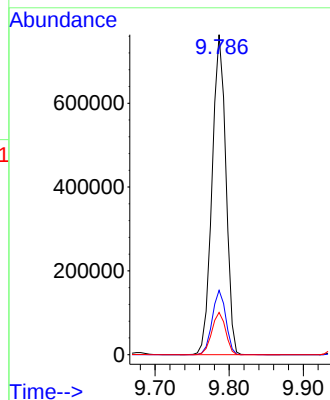
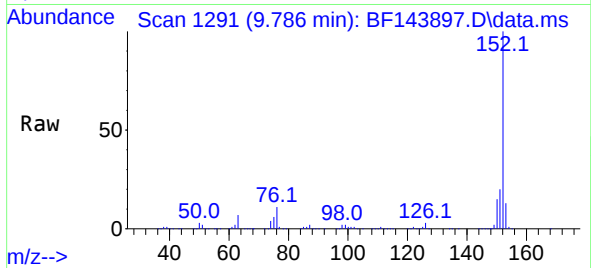




#49  
Acenaphthylene  
Concen: 55.060 ng  
RT: 9.786 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

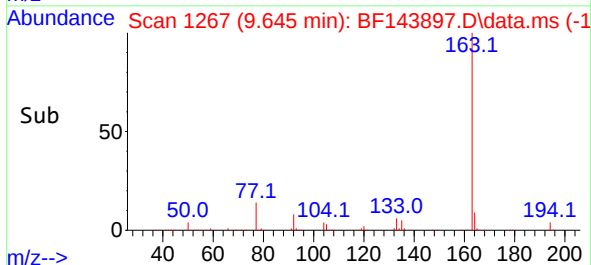
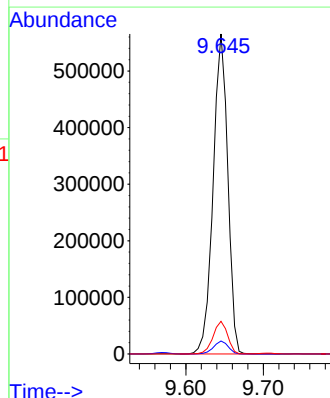
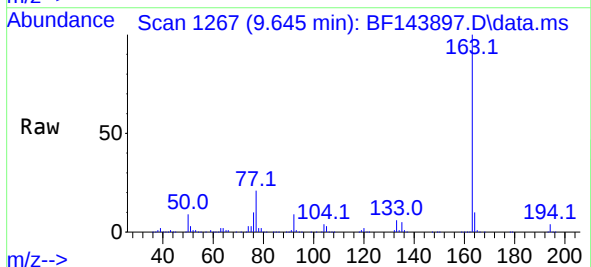
Instrument :  
BNA\_F  
ClientSampleId :  
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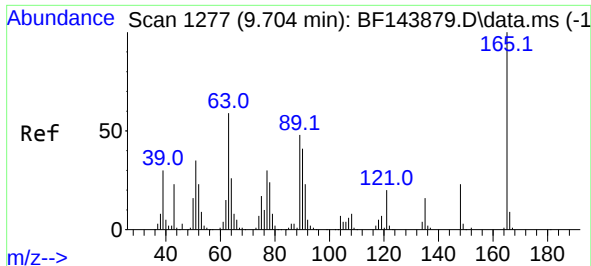
Tgt Ion:152 Resp: 986871  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.8 23.6  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 50.606 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:163 Resp: 742221  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.2 8.1 12.1

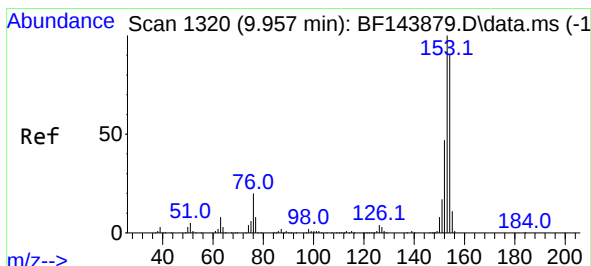
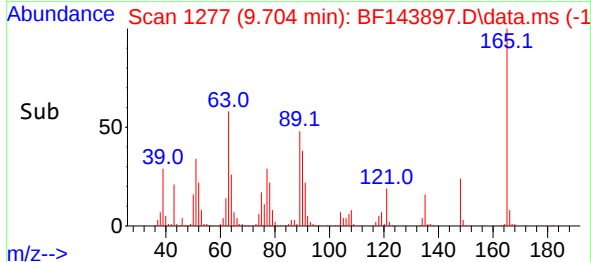
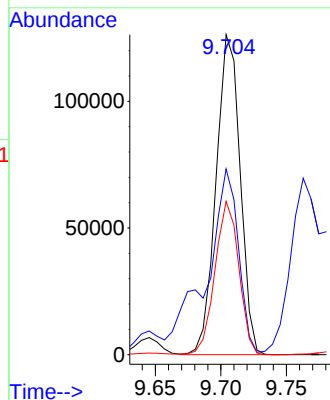
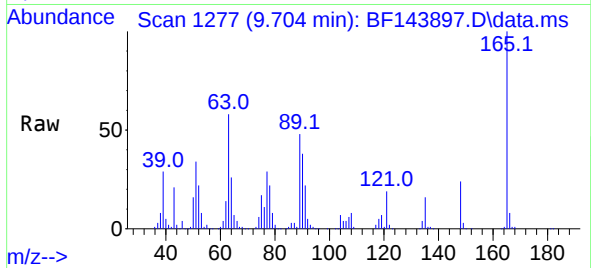




#51  
2,6-Dinitrotoluene  
Concen: 59.299 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

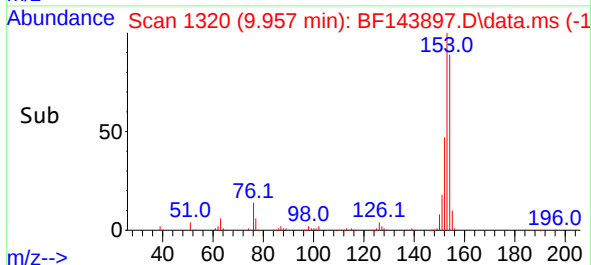
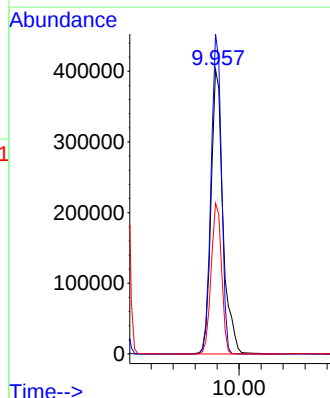
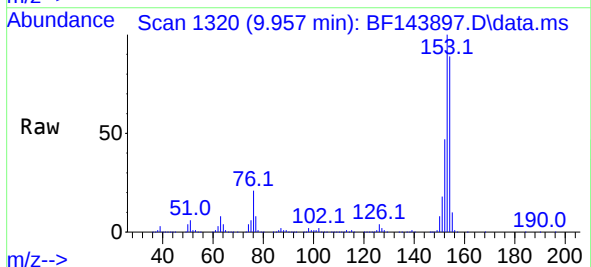
Instrument :  
BNA\_F  
ClientSampleId :  
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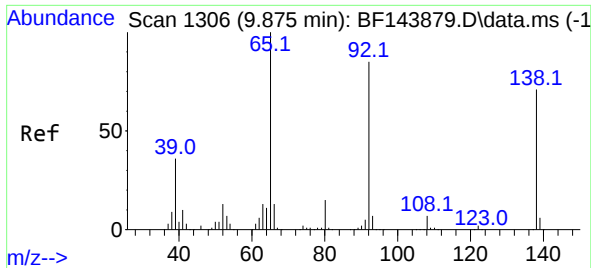
Tgt Ion:165 Resp: 161271  
Ion Ratio Lower Upper  
165 100  
63 58.0 47.3 70.9  
89 47.9 38.2 57.4



#52  
Acenaphthene  
Concen: 51.564 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:154 Resp: 605597  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.3 133.9  
152 53.0 42.2 63.2

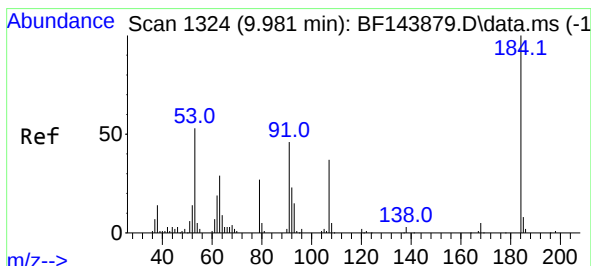
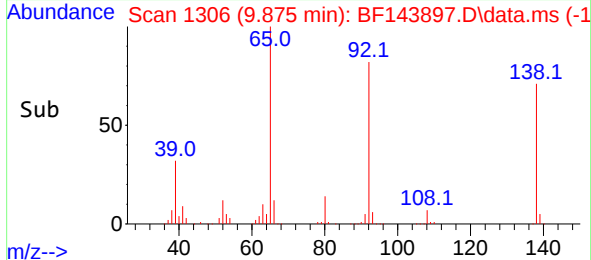
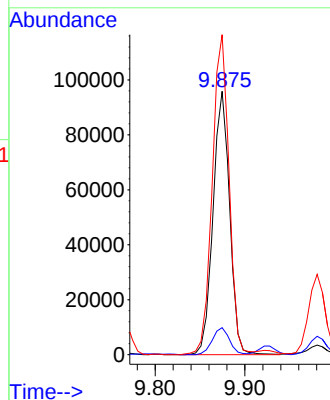
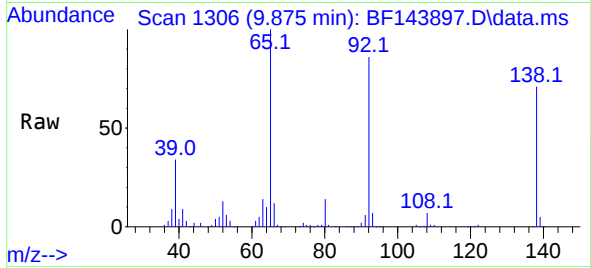




#53  
3-Nitroaniline  
Concen: 36.996 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

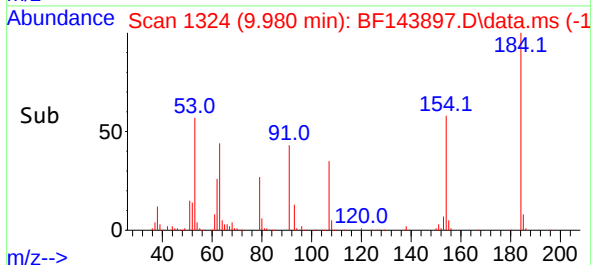
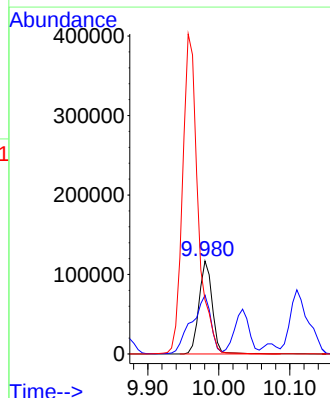
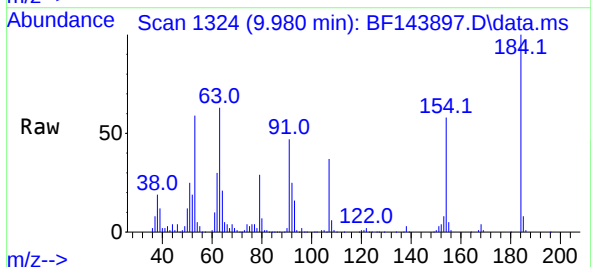
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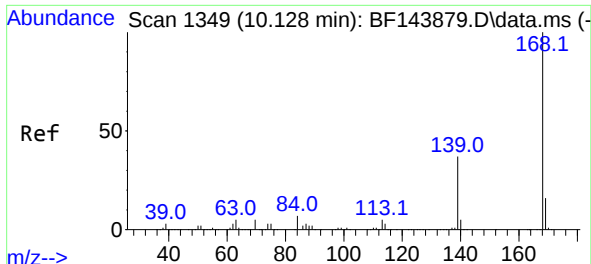
Tgt Ion:138 Resp: 123200  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.3 12.5  
92 121.5 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 89.574 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:184 Resp: 151792  
Ion Ratio Lower Upper  
184 100  
63 63.2 48.2 72.4  
154 58.0 49.2 73.8

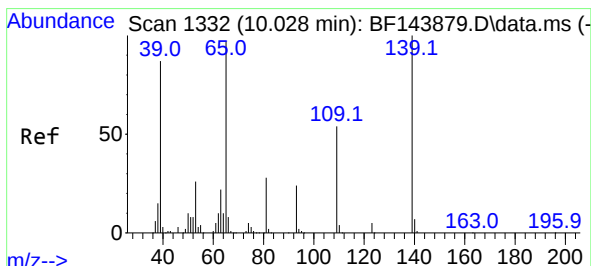
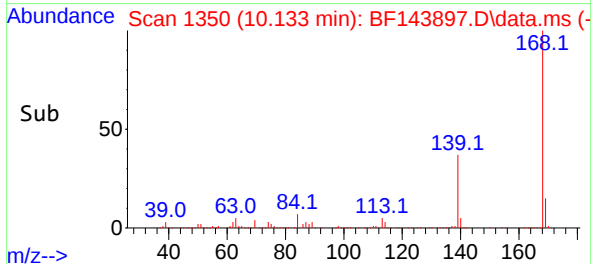
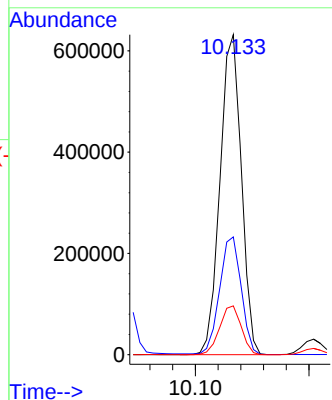
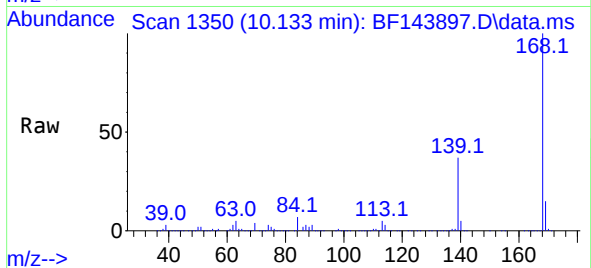




#55  
Dibenzenofuran  
Concen: 49.701 ng  
RT: 10.133 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

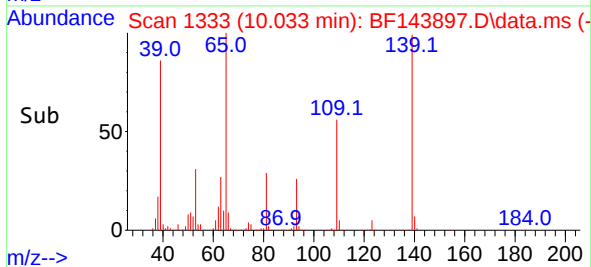
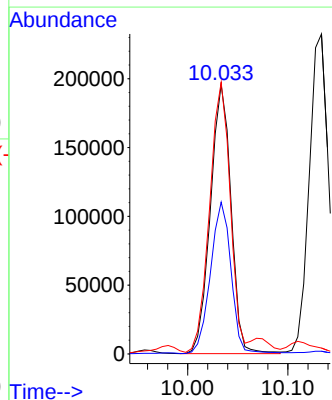
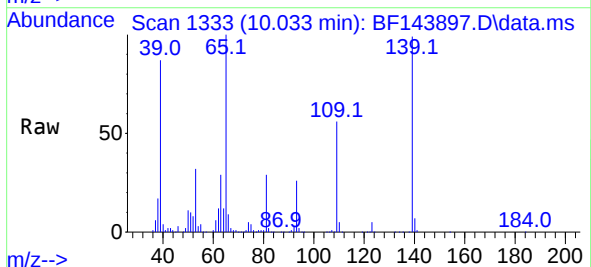
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ClientSampleId :  
HL-WESTMS

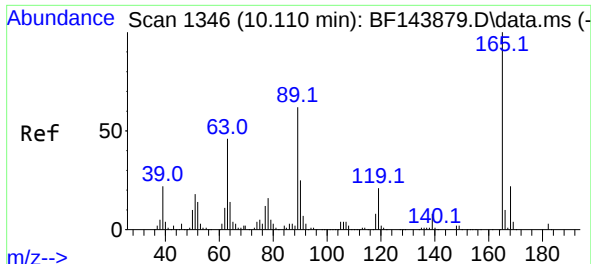
Tgt Ion:168 Resp: 823986  
Ion Ratio Lower Upper  
168 100  
139 36.8 29.8 44.8  
169 15.2 12.8 19.2



#56  
4-Nitrophenol  
Concen: 111.003 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:139 Resp: 279884  
Ion Ratio Lower Upper  
139 100  
109 56.4 34.5 74.5  
65 100.9 77.6 117.6

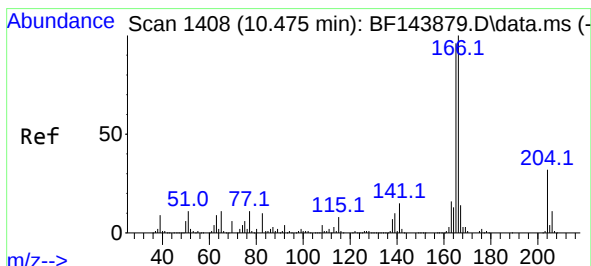
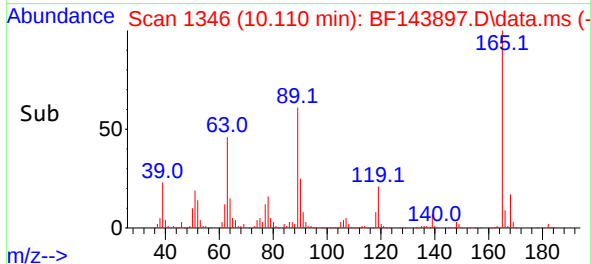
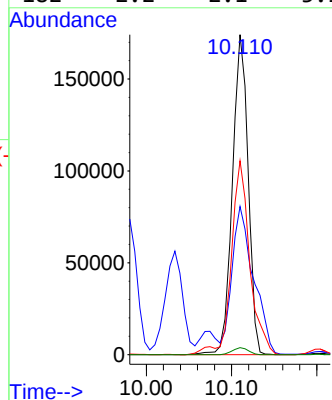
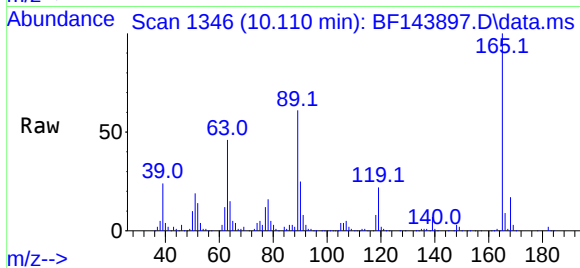




#57  
2,4-Dinitrotoluene  
Concen: 60.287 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

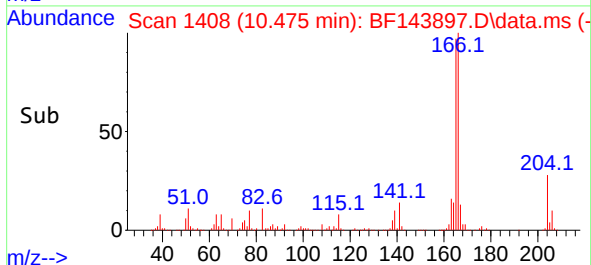
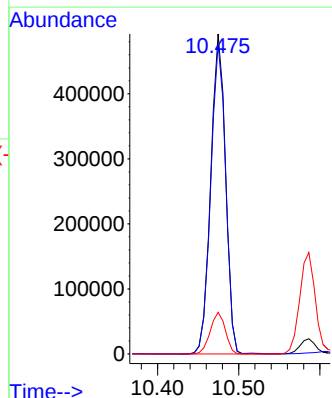
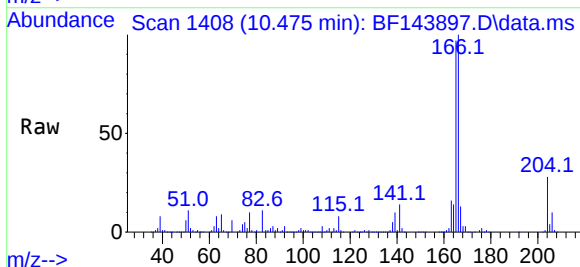
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HL-WESTMS

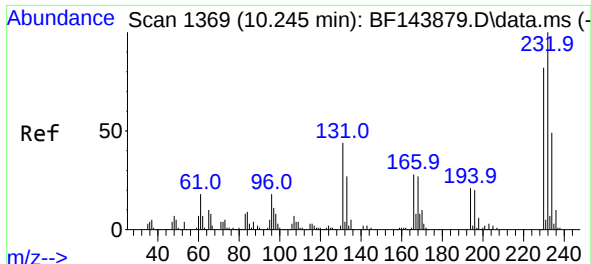
Tgt Ion:165 Resp: 223089  
Ion Ratio Lower Upper  
165 100  
63 46.3 37.2 55.8  
89 60.6 49.4 74.2  
182 2.2 2.1 3.1



#58  
Fluorene  
Concen: 49.852 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:166 Resp: 623639  
Ion Ratio Lower Upper  
166 100  
165 96.8 77.0 115.6  
167 13.0 11.1 16.7

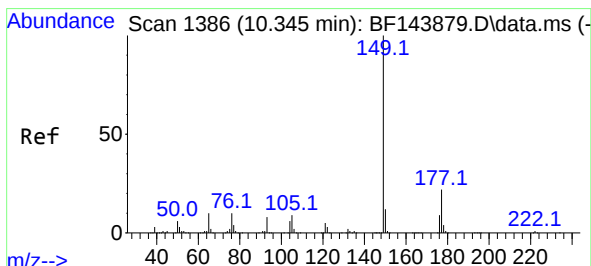
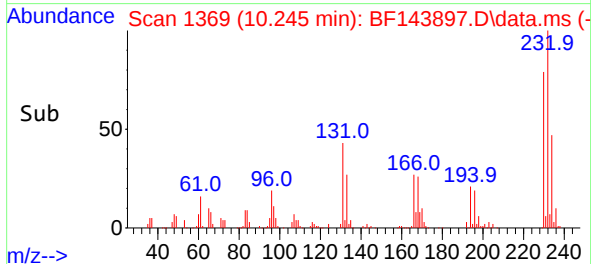
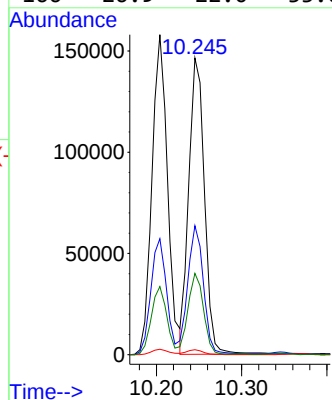
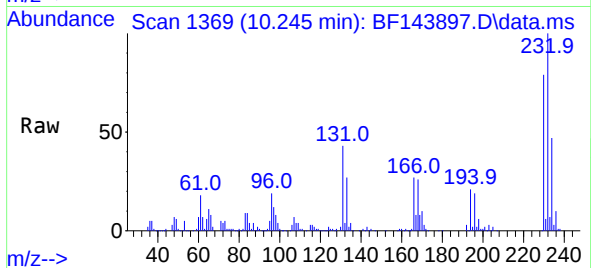




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.808 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

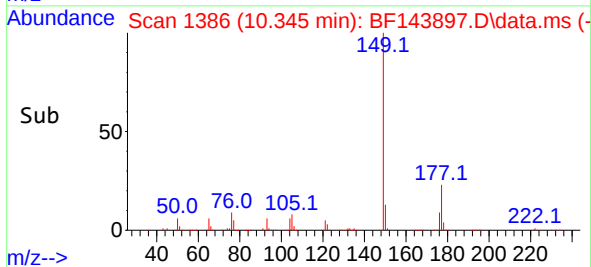
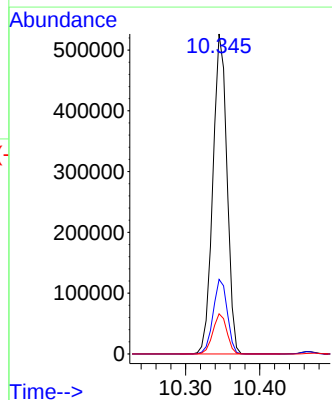
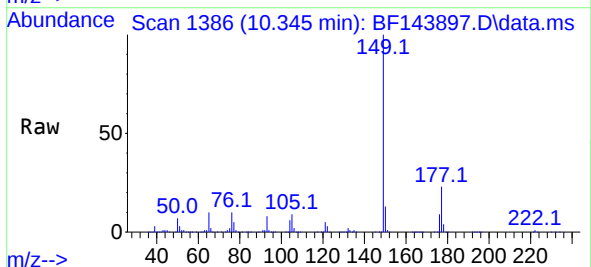
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BNA\_F  
ClientSampleId :  
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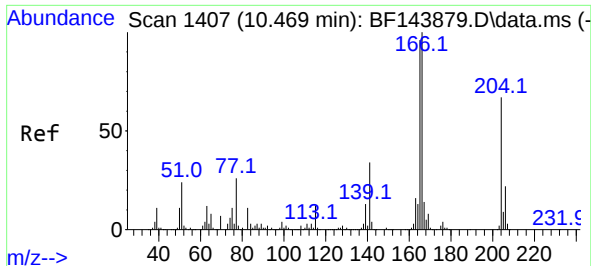
Tgt Ion:232 Resp: 187732  
Ion Ratio Lower Upper  
232 100  
131 44.1 34.9 52.3  
130 1.8 1.6 2.4  
166 26.9 22.0 33.0



#60  
Diethylphthalate  
Concen: 50.975 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:149 Resp: 694553  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.9 26.9  
150 12.6 9.8 14.8

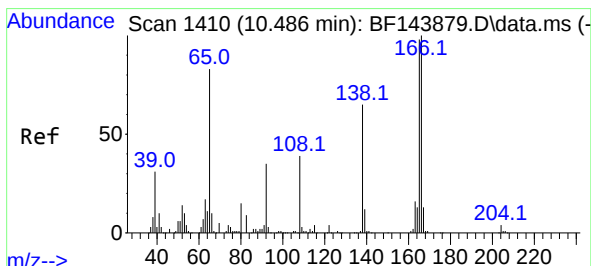
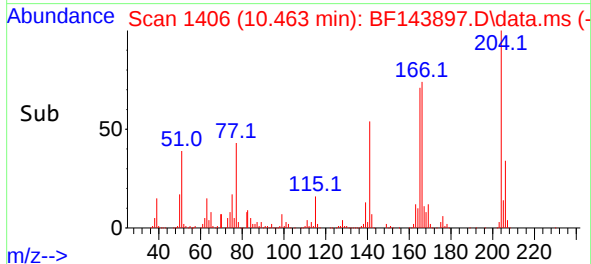
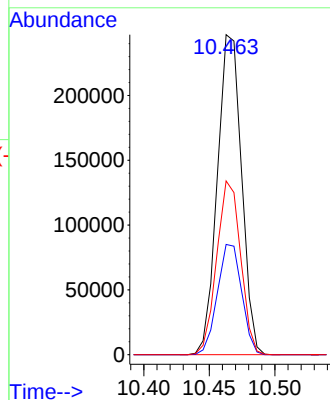
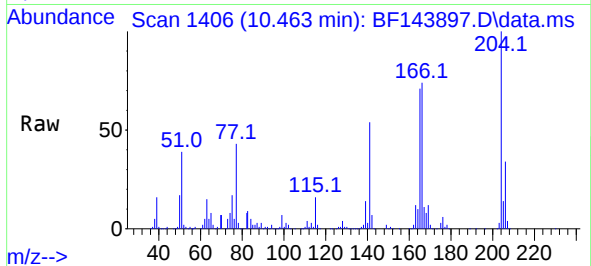




#61  
4-Chlorophenyl-phenylether  
Concen: 47.901 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

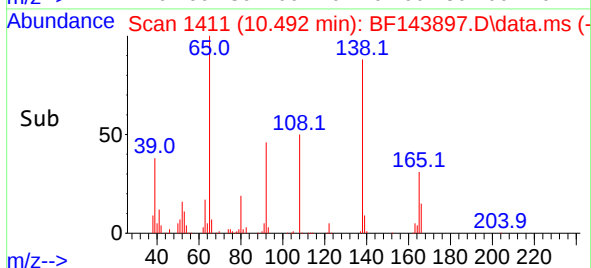
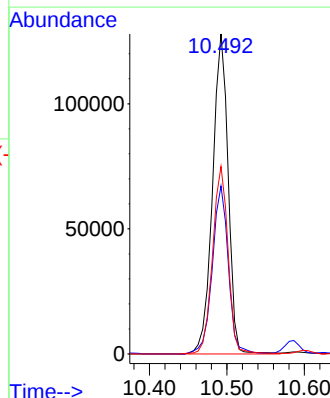
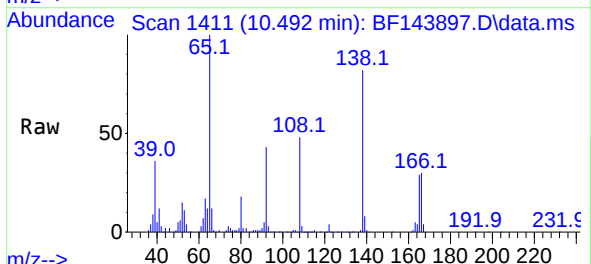
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

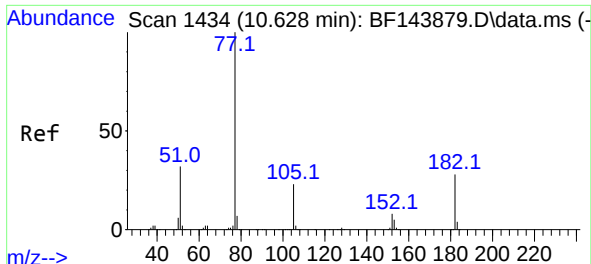
Tgt Ion:204 Resp: 316810  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.6 40.0  
141 54.3 40.4 60.6



#62  
4-Nitroaniline  
Concen: 55.817 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:138 Resp: 178740  
Ion Ratio Lower Upper  
138 100  
92 52.5 33.9 73.9  
108 58.6 40.2 80.2



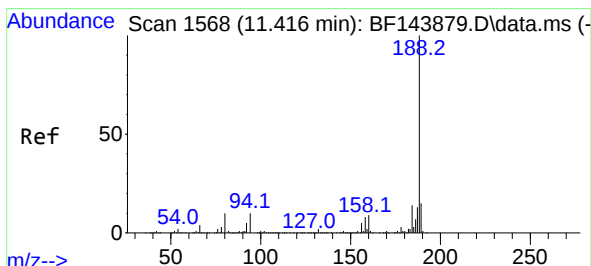
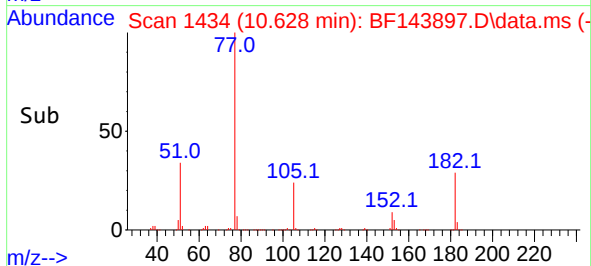
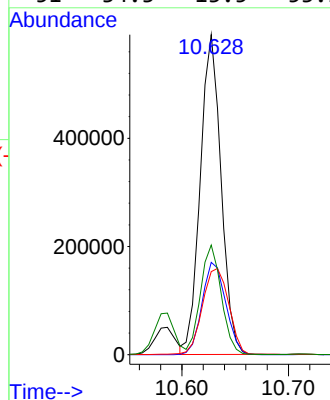
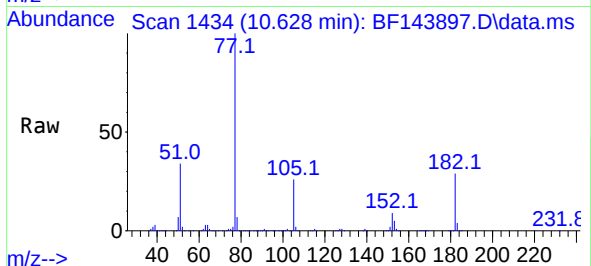


#63  
Azobenzene  
Concen: 56.489 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion: 77 Resp: 804430

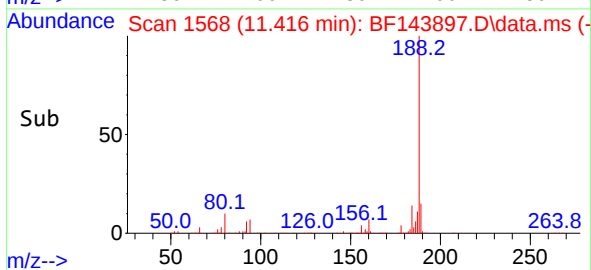
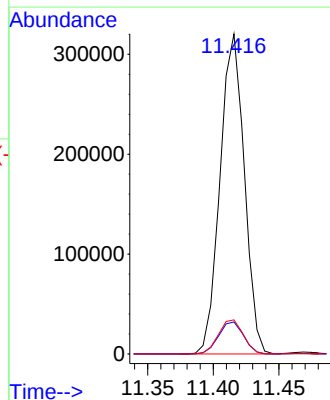
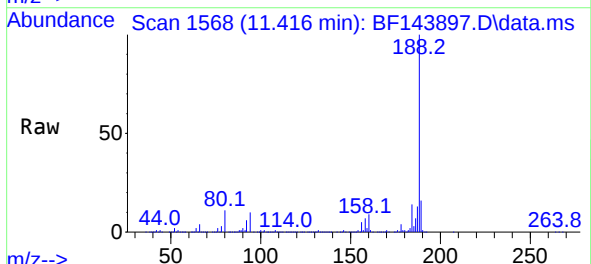
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.9  | 7.3   | 47.3  |
| 105 | 26.0  | 3.0   | 43.0  |
| 51  | 34.3  | 13.5  | 53.5  |

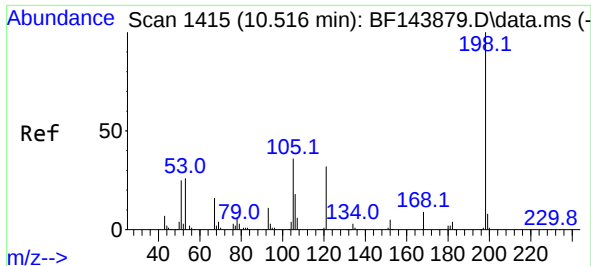


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion: 188 Resp: 411834

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.0  | 7.8   | 11.6  |
| 80  | 10.6  | 7.9   | 11.9  |

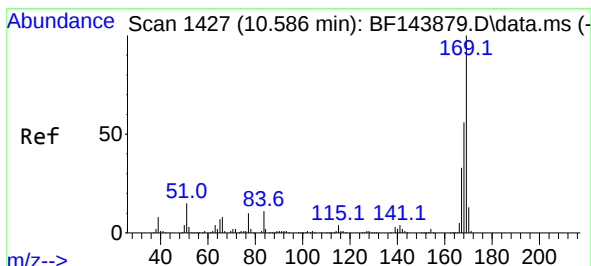
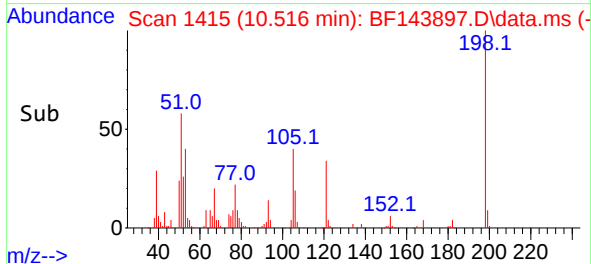
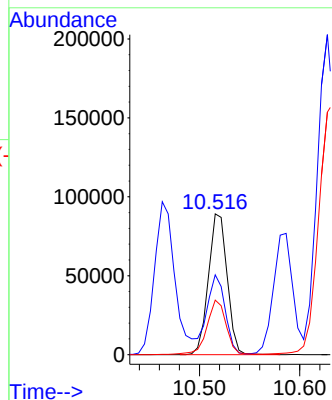
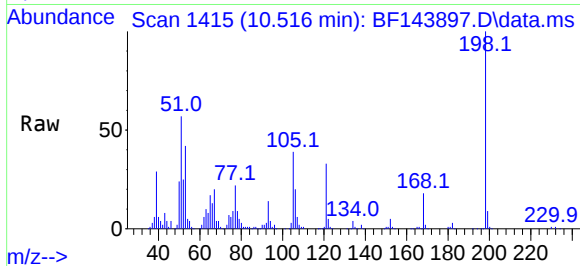




#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.093 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

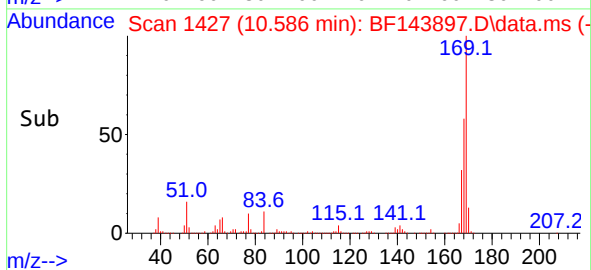
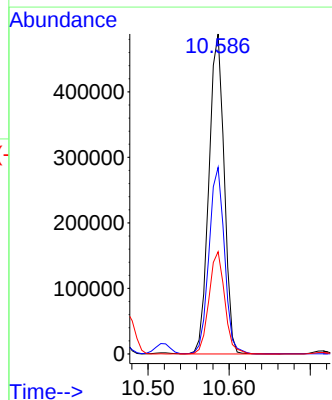
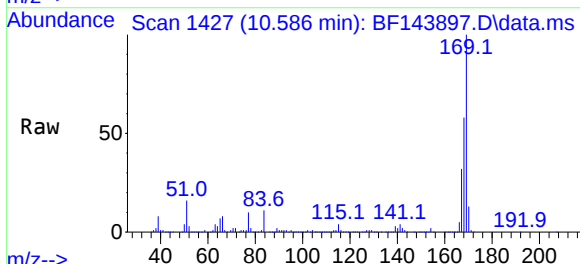
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

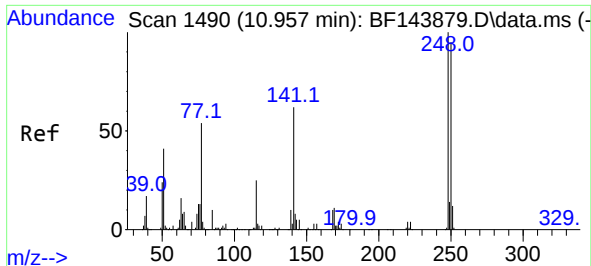
Tgt Ion:198 Resp: 116089  
Ion Ratio Lower Upper  
198 100  
51 56.7 33.8 73.8  
105 38.7 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 49.131 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:169 Resp: 635321  
Ion Ratio Lower Upper  
169 100  
168 58.3 44.9 67.3  
167 32.0 26.3 39.5

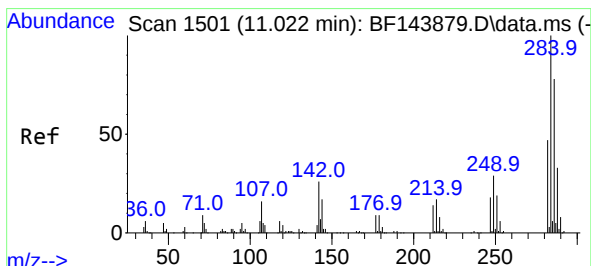
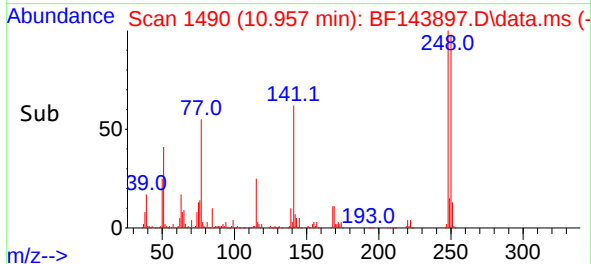
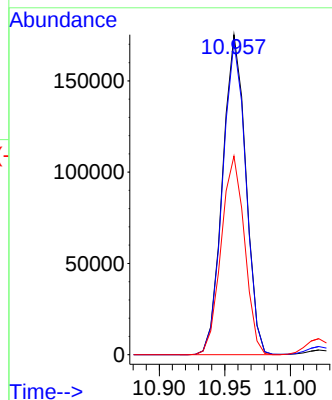
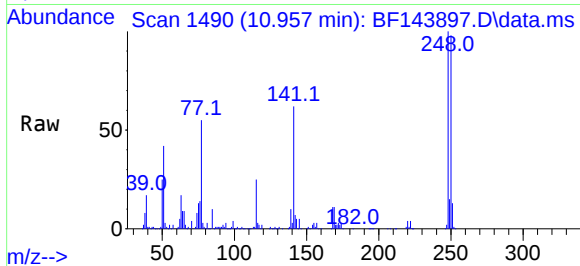




#67  
4-Bromophenyl-phenylether  
Concen: 47.323 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

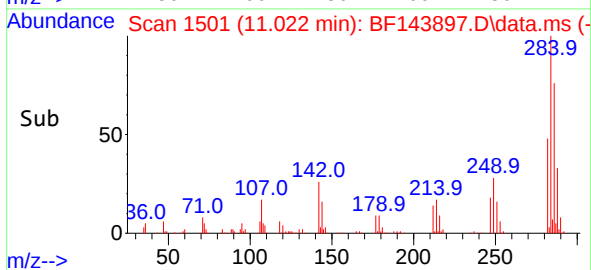
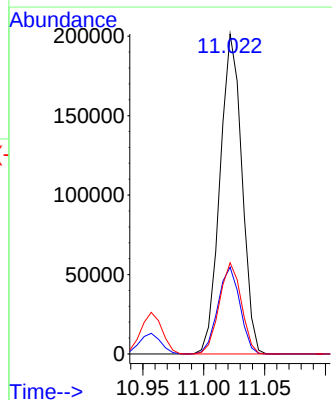
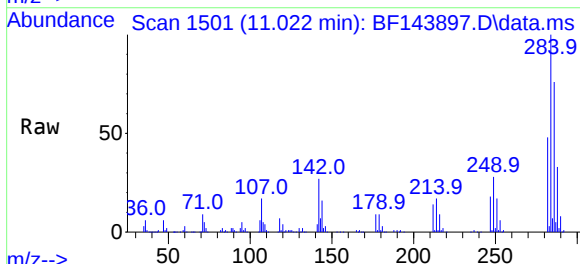
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BNA\_F  
ClientSampleId :  
HL-WESTMS

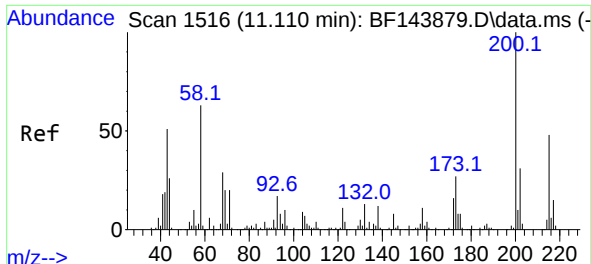
Tgt Ion:248 Resp: 215388  
Ion Ratio Lower Upper  
248 100  
250 97.8 76.3 114.5  
141 62.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 47.883 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:284 Resp: 252307  
Ion Ratio Lower Upper  
284 100  
142 27.1 20.6 30.8  
249 28.5 23.2 34.8

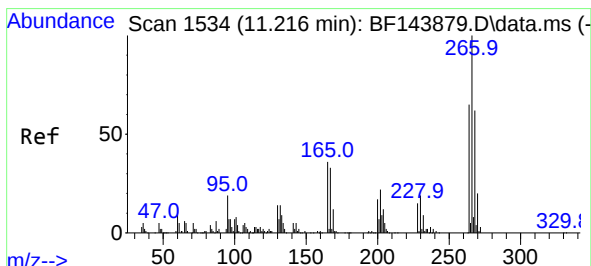
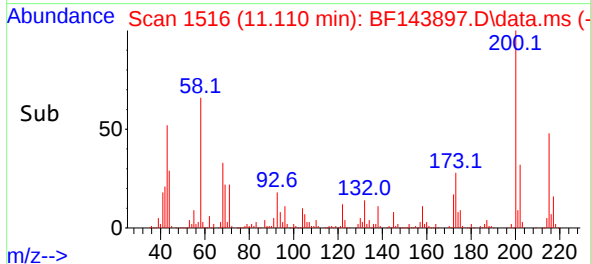
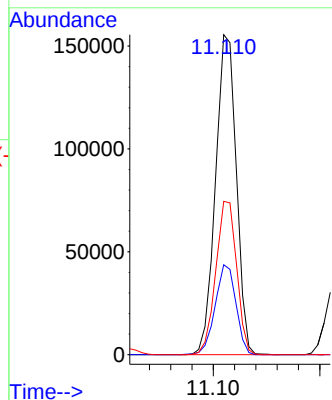
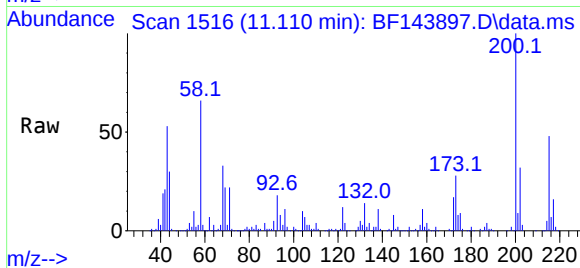




#69  
Atrazine  
Concen: 53.753 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

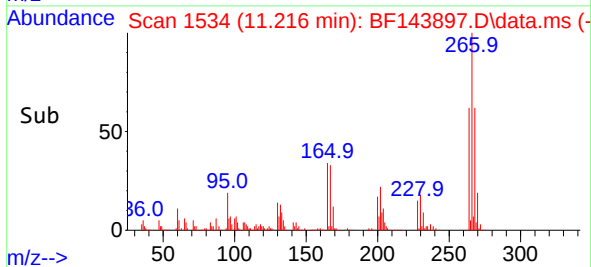
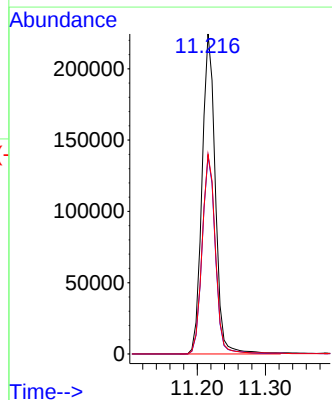
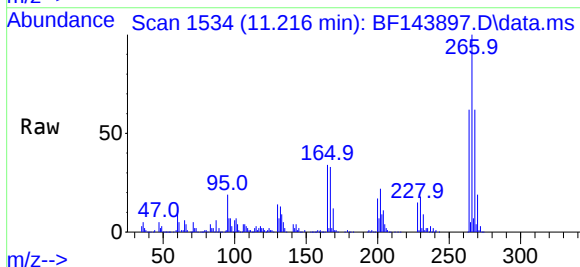
Instrument :  
BNA\_F  
ClientSampleId :  
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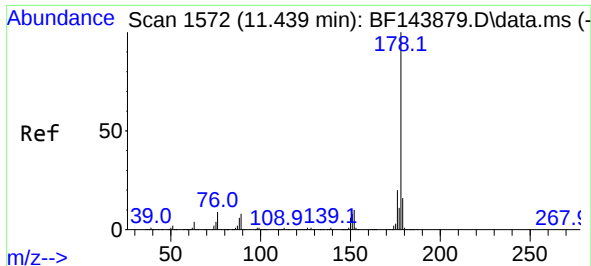
Tgt Ion:200 Resp: 210679  
Ion Ratio Lower Upper  
200 100  
173 28.1 7.0 47.0  
215 47.9 27.8 67.8



#70  
Pentachlorophenol  
Concen: 100.416 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:266 Resp: 303883  
Ion Ratio Lower Upper  
266 100  
268 61.9 49.4 74.0  
264 62.3 51.8 77.6

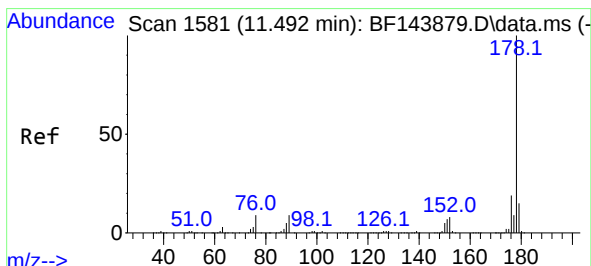
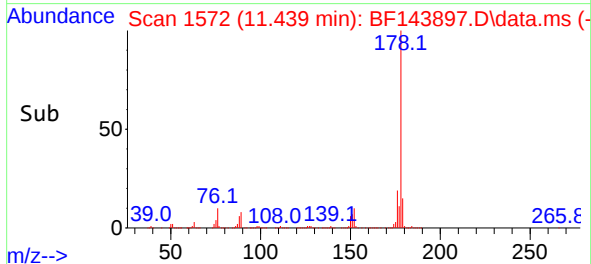
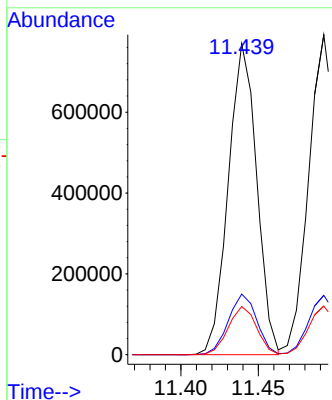
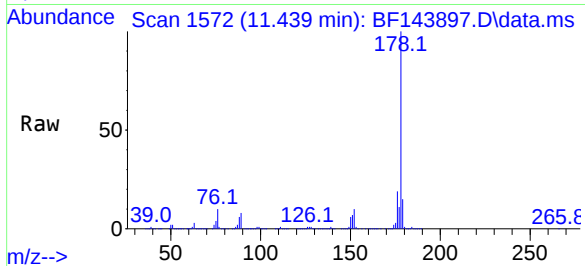




#71  
Phenanthrene  
Concen: 49.098 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

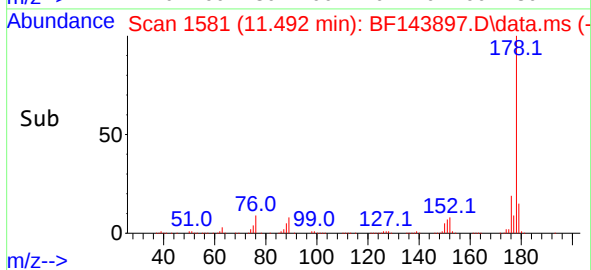
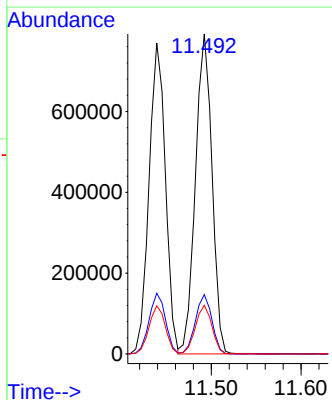
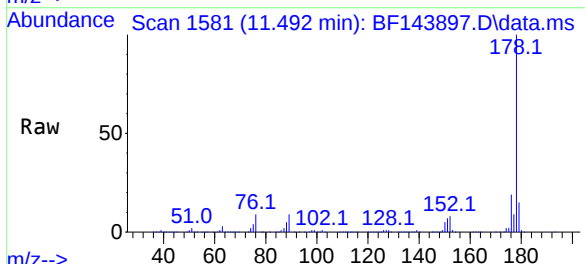
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BNA\_F  
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HL-WESTMS

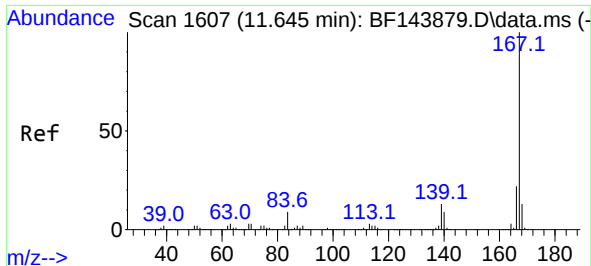
Tgt Ion:178 Resp: 980285  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.9 23.9  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 50.304 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:178 Resp: 1014637  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.2 12.2 18.2

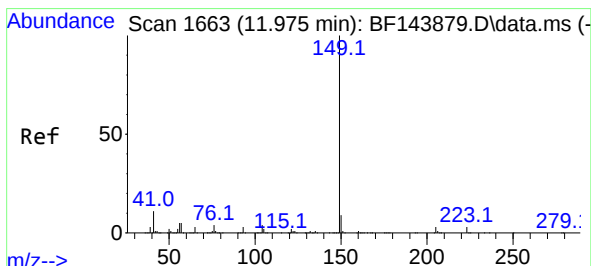
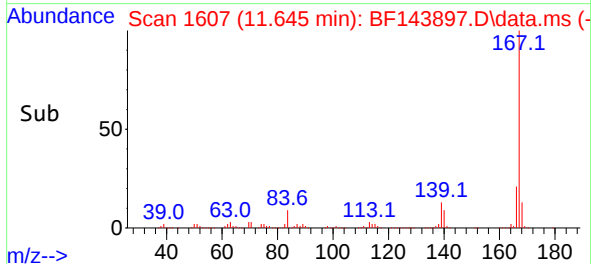
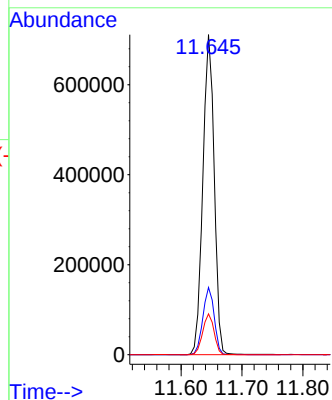
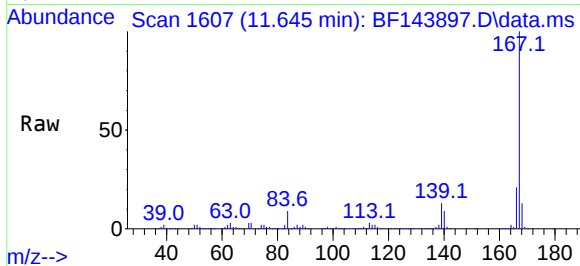




#73  
Carbazole  
Concen: 51.533 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

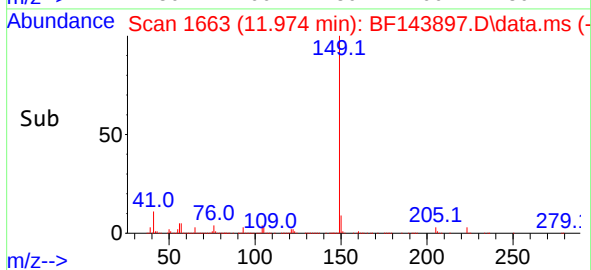
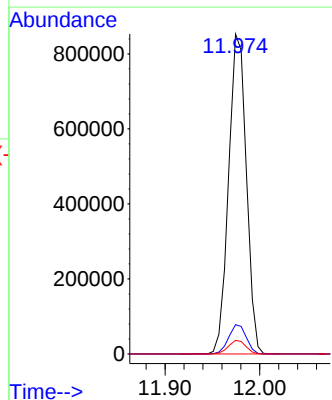
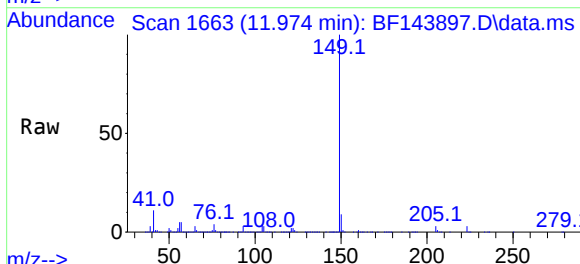
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

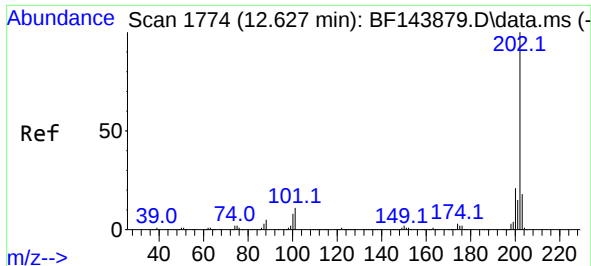
Tgt Ion:167 Resp: 920583  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.2 25.8  
139 12.8 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 53.521 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:149 Resp: 1108092  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.2  
104 4.3 3.4 5.2

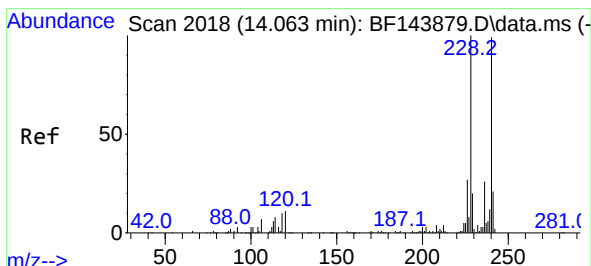
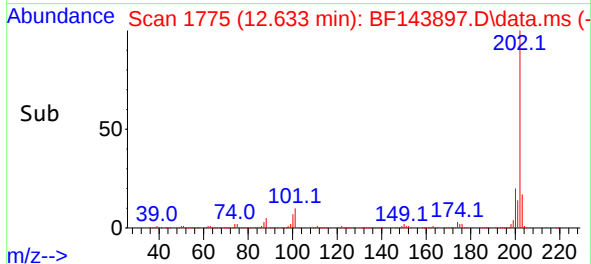
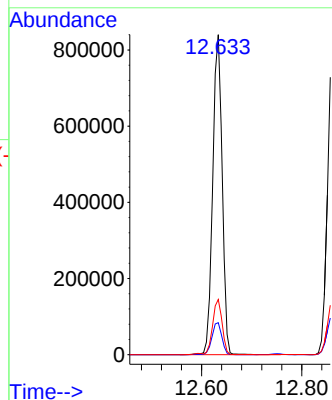
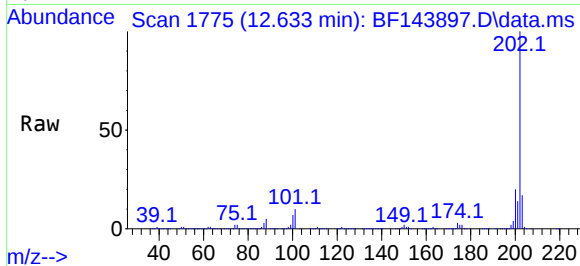




#75  
Fluoranthene  
Concen: 53.279 ng  
RT: 12.633 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

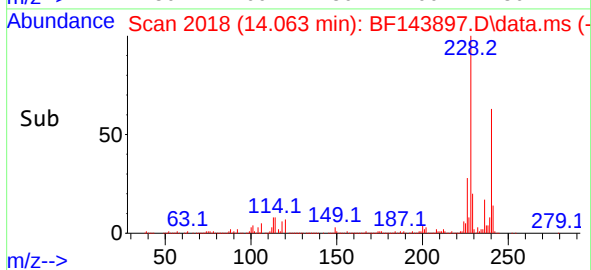
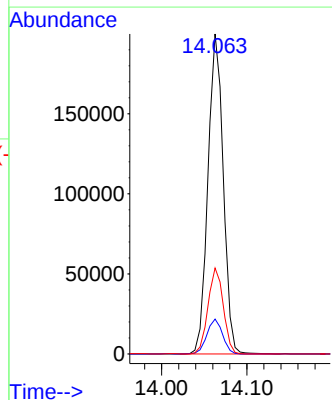
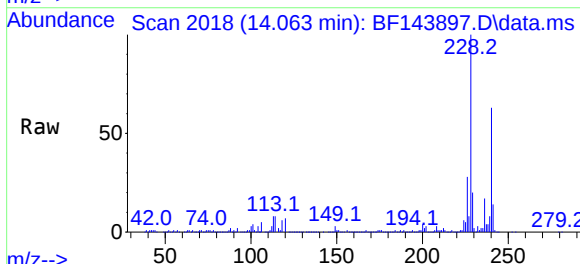
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

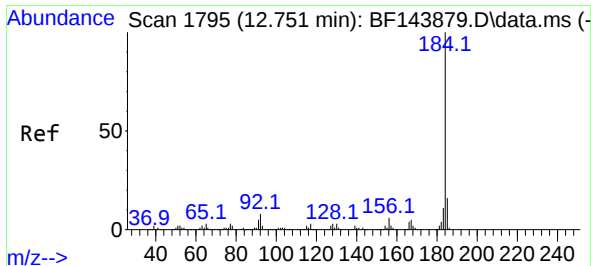
Tgt Ion:202 Resp: 1098785  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 30.7  
203 17.2 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:240 Resp: 249185  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.6 13.0  
236 26.9 21.1 31.7

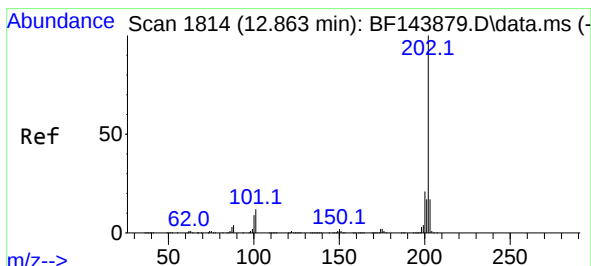
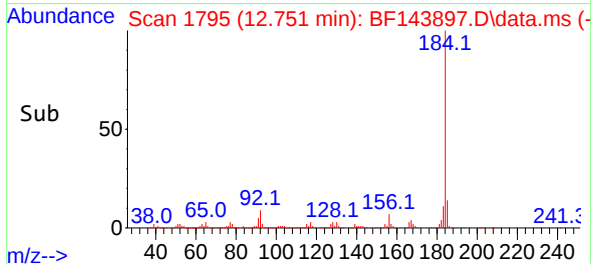
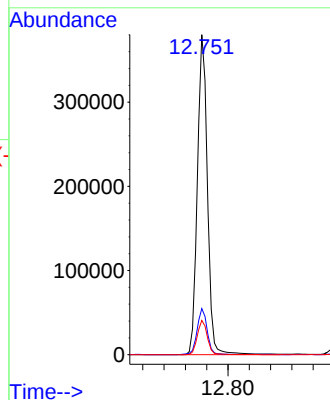
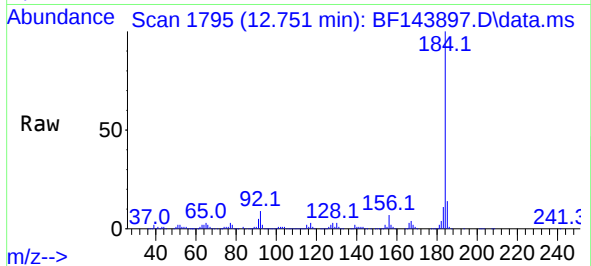




#77  
Benzidine  
Concen: 57.704 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

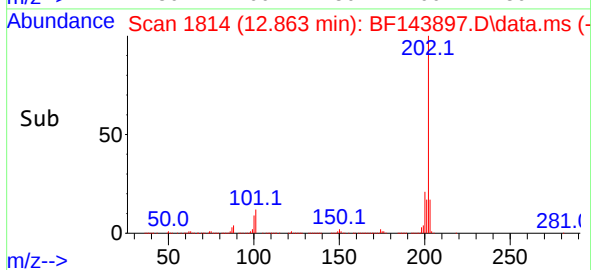
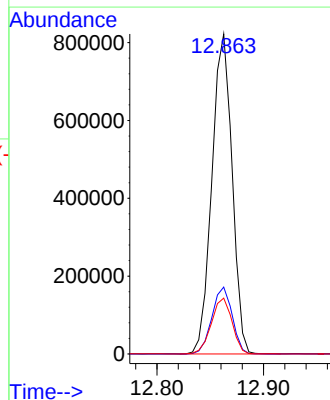
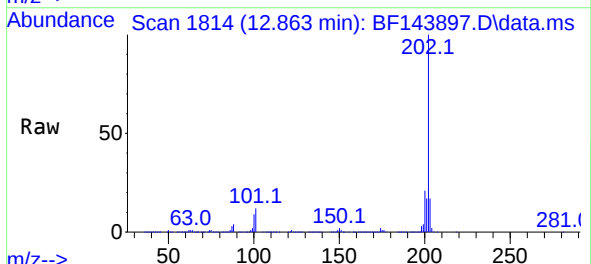
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

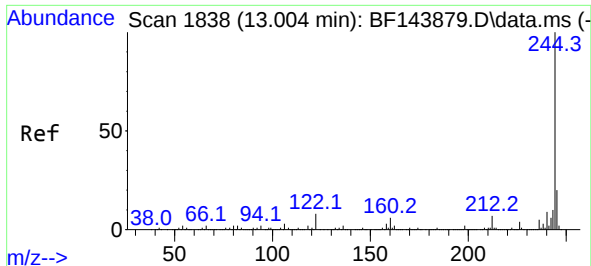
Tgt Ion:184 Resp: 499277  
Ion Ratio Lower Upper  
184 100  
185 14.4 12.6 18.8  
183 10.7 8.8 13.2



#78  
Pyrene  
Concen: 52.048 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:202 Resp: 1081251  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.6  
203 17.5 13.8 20.6

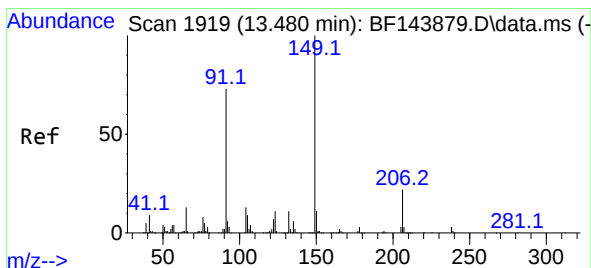
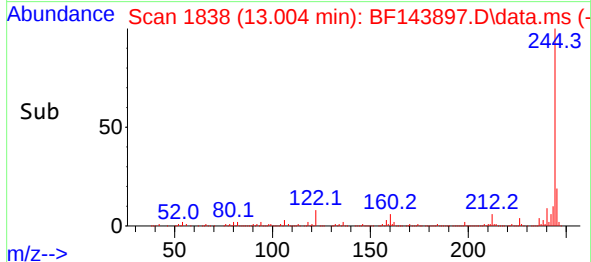
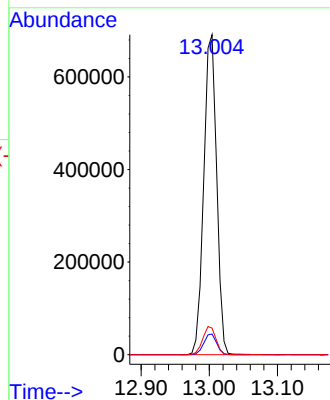
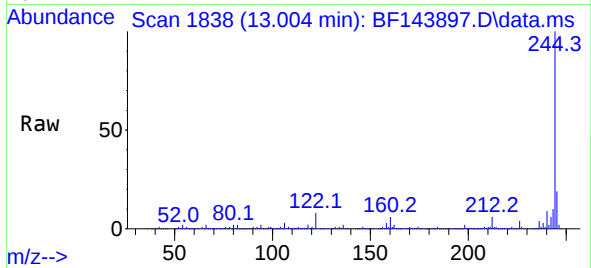




#79  
 Terphenyl-d14  
 Concen: 62.271 ng  
 RT: 13.004 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143897.D  
 Acq: 08 Oct 2025 16:09

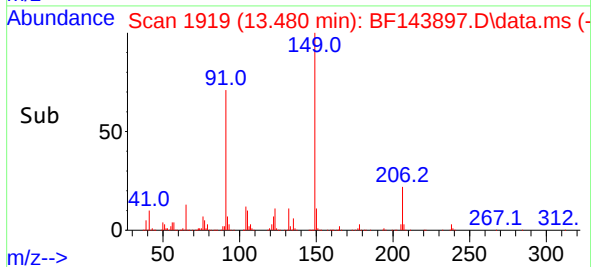
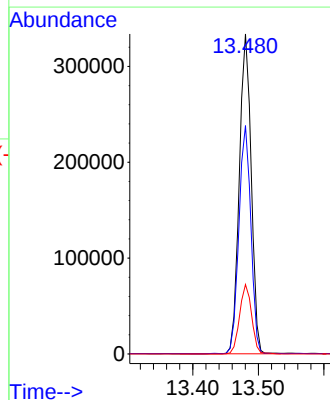
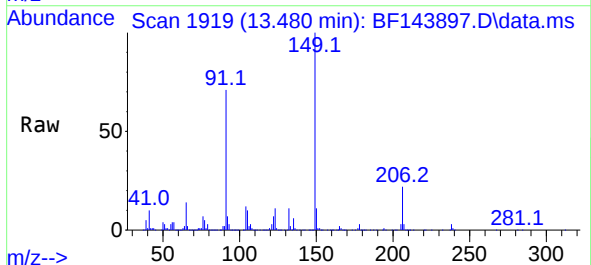
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HL-WESTMS

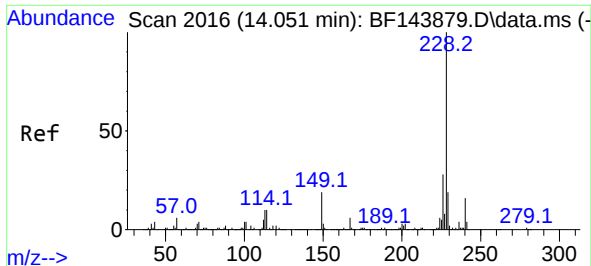
Tgt Ion:244 Resp: 907922  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.0  
 122 8.3 6.4 9.6



#80  
 Butylbenzylphthalate  
 Concen: 62.685 ng  
 RT: 13.480 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF143897.D  
 Acq: 08 Oct 2025 16:09

Tgt Ion:149 Resp: 422920  
 Ion Ratio Lower Upper  
 149 100  
 91 71.3 58.2 87.2  
 206 21.7 17.9 26.9

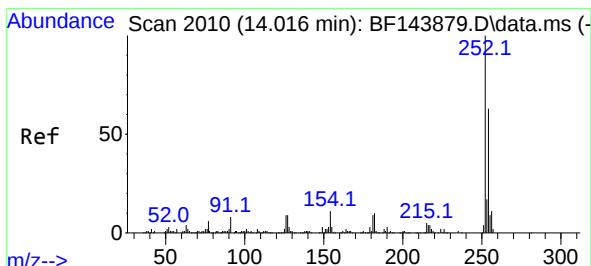
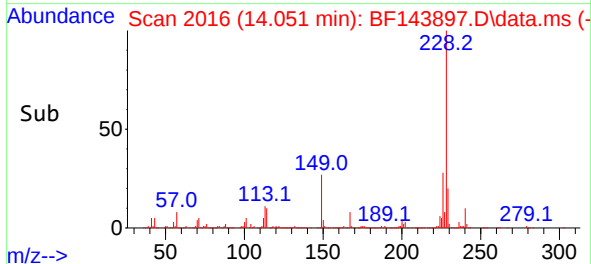
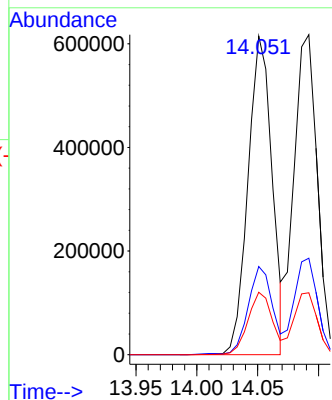
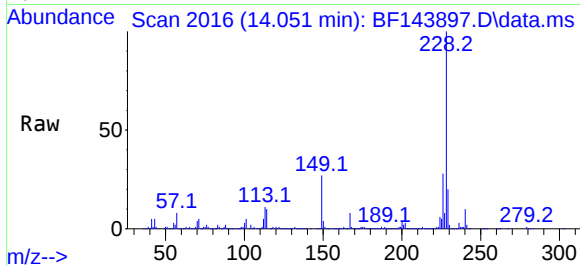




#81  
Benzo(a)anthracene  
Concen: 51.864 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

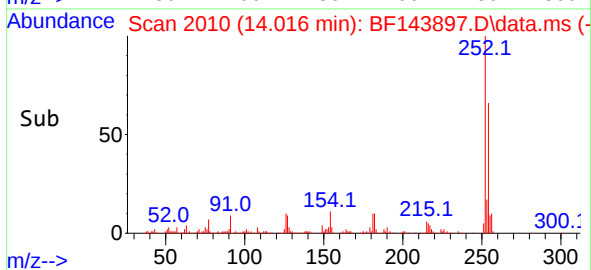
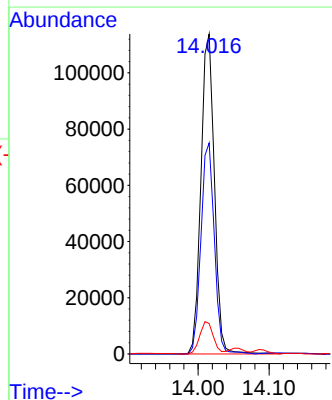
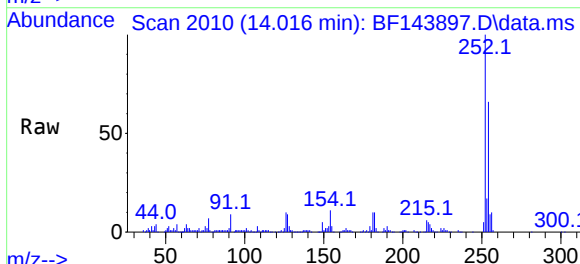
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

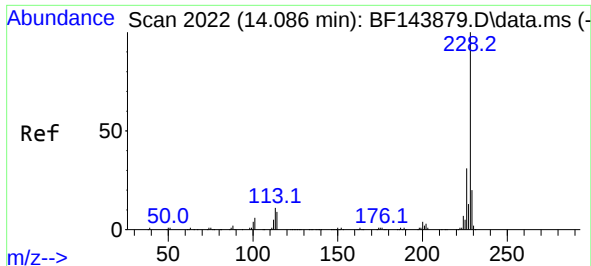
Tgt Ion:228 Resp: 845739  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 19.6 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 30.299 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:252 Resp: 150568  
Ion Ratio Lower Upper  
252 100  
254 65.9 50.6 76.0  
126 9.5 7.0 10.6

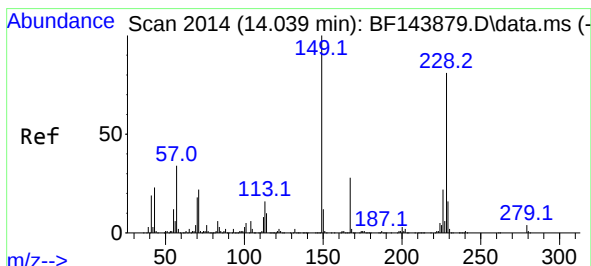
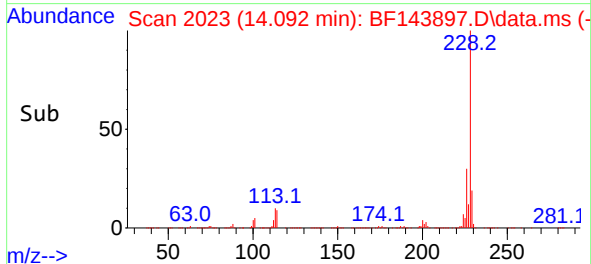
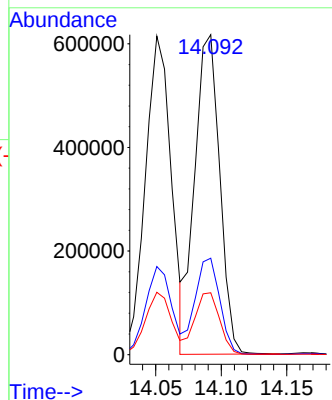
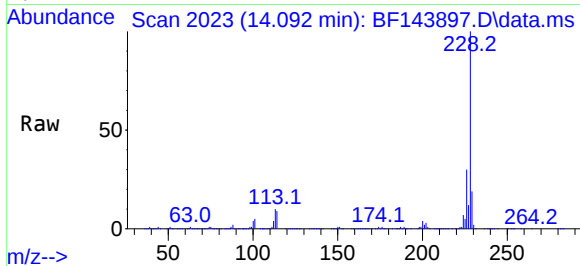




#83  
Chrysene  
Concen: 54.178 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

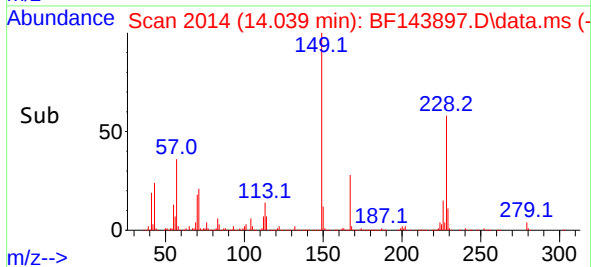
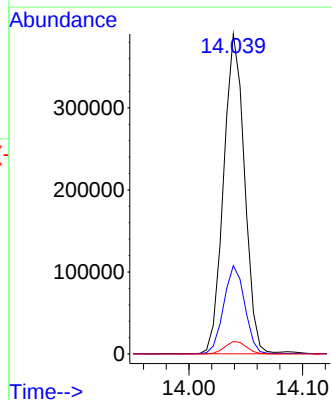
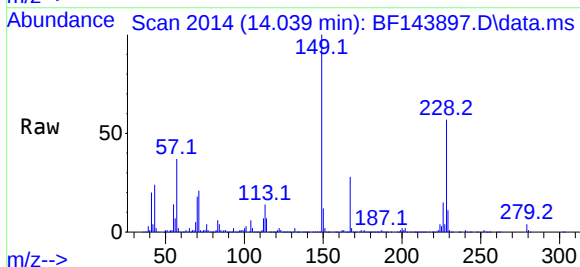
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

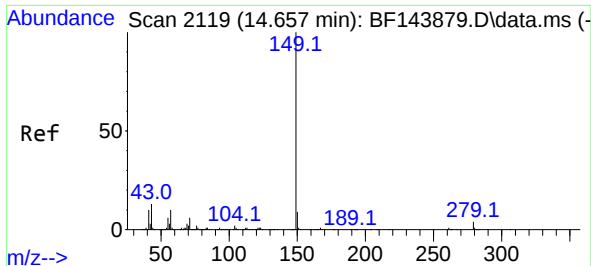
Tgt Ion:228 Resp: 817672  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.4 36.6  
229 19.3 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 61.370 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:149 Resp: 499120  
Ion Ratio Lower Upper  
149 100  
167 27.6 22.2 33.4  
279 3.9 3.1 4.7

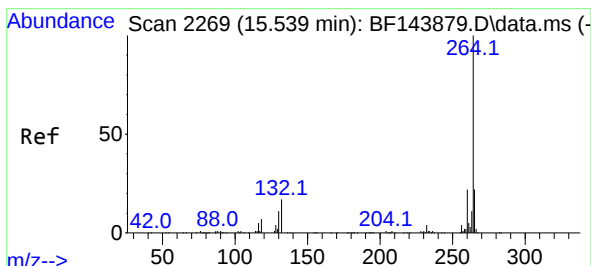
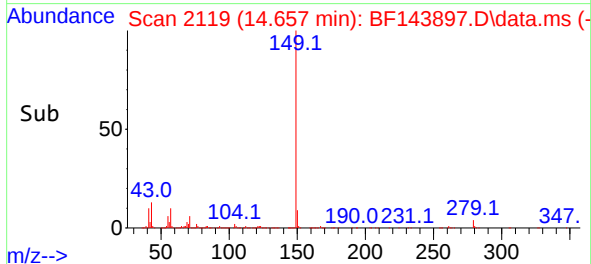
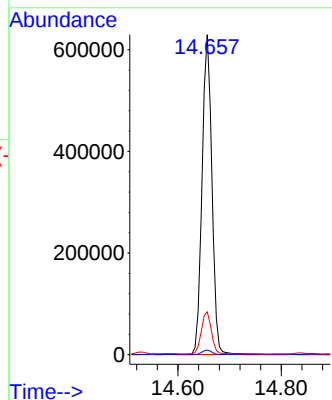
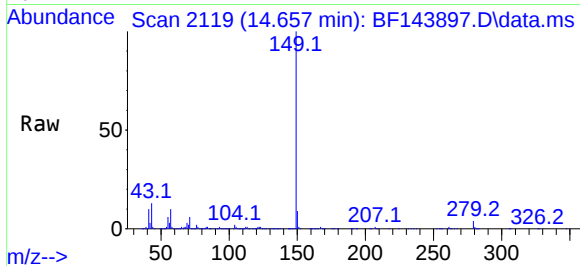




#85  
Di-n-octyl phthalate  
Concen: 62.287 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

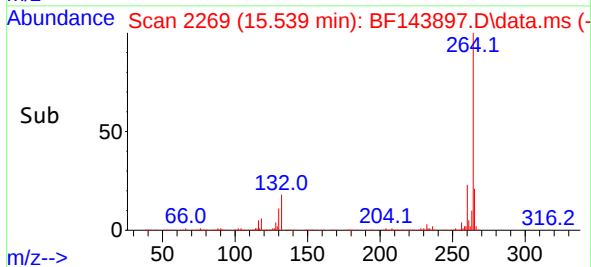
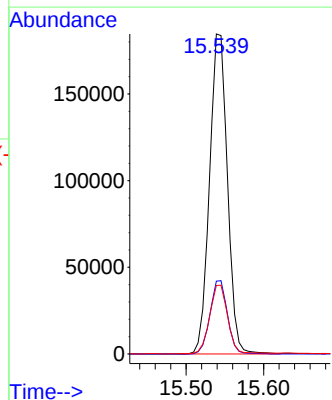
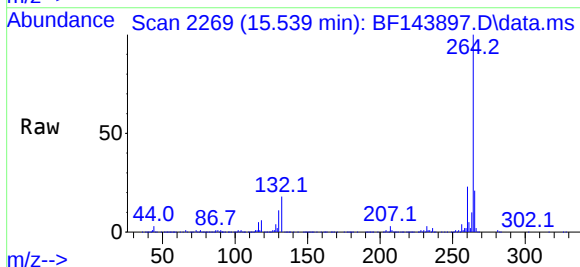
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BNA\_F  
ClientSampleId :  
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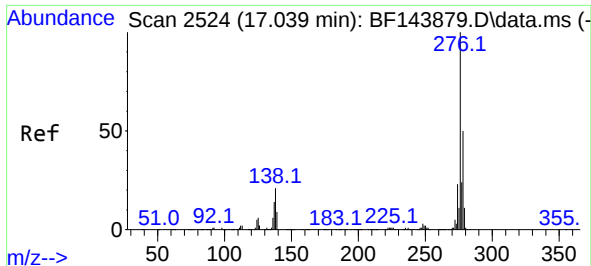
Tgt Ion:149 Resp: 832020  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 13.3 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:264 Resp: 296275  
Ion Ratio Lower Upper  
264 100  
260 22.7 17.8 26.8  
265 21.4 17.5 26.3

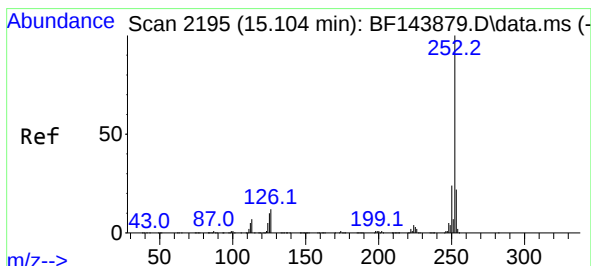
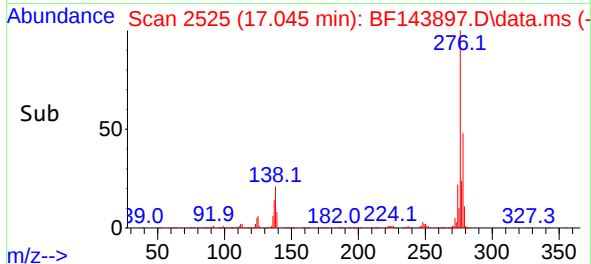
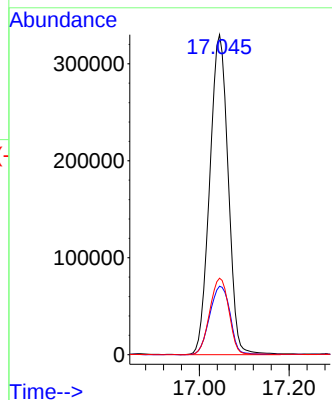
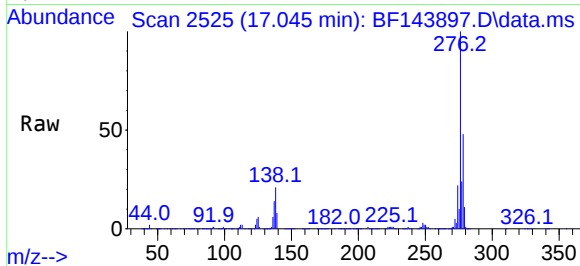




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.928 ng  
RT: 17.045 min Scan# 2196  
Delta R.T. -0.012 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

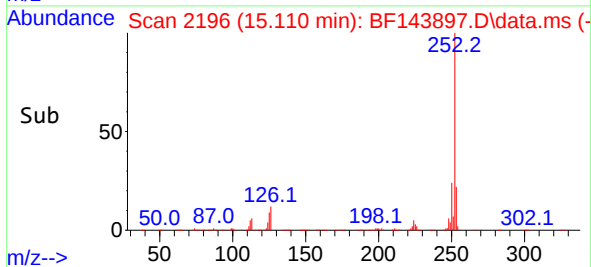
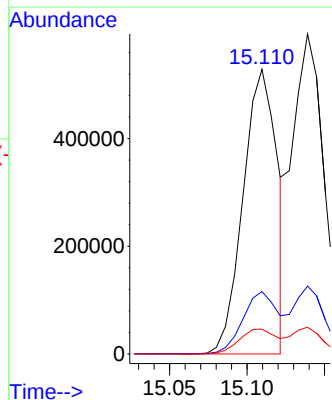
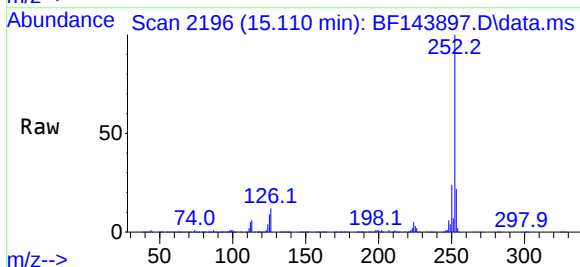
Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

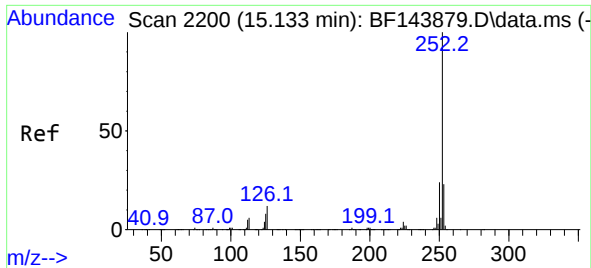
Tgt Ion:276 Resp: 942712  
Ion Ratio Lower Upper  
276 100  
138 23.8 18.2 27.2  
277 24.9 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 47.457 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:252 Resp: 807663  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.7 7.8 11.6

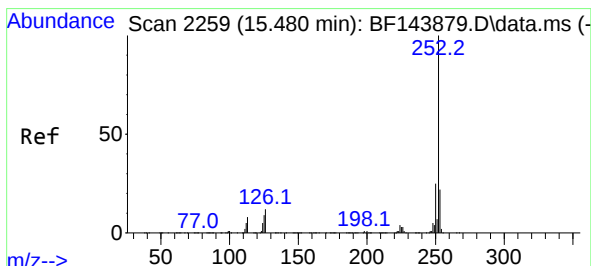
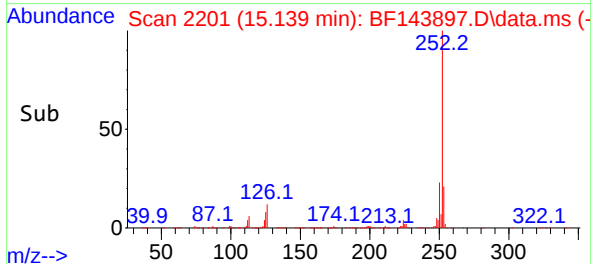
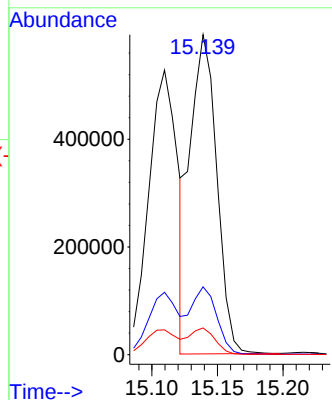
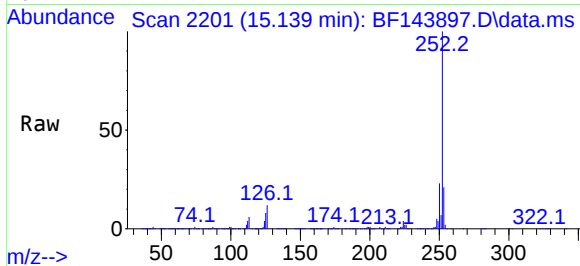




#89  
Benzo(k)fluoranthene  
Concen: 52.971 ng  
RT: 15.139 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

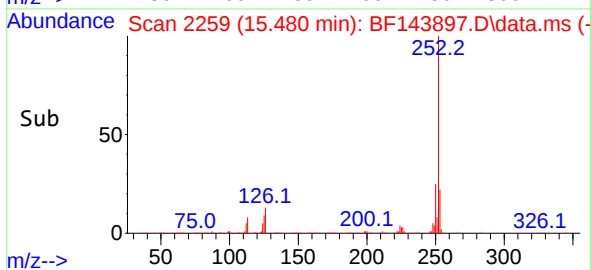
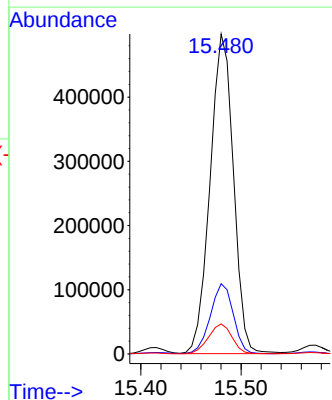
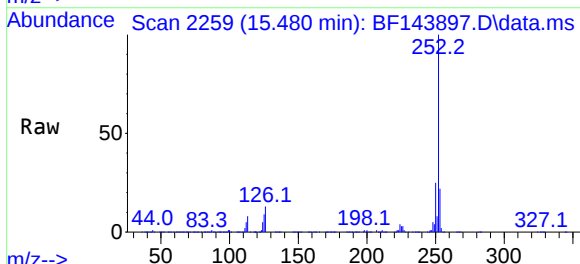
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ClientSampleId :  
HL-WESTMS

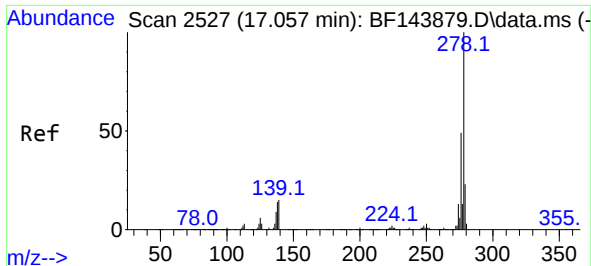
Tgt Ion:252 Resp: 834181  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.8 26.8  
125 8.3 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 54.647 ng  
RT: 15.480 min Scan# 2259  
Delta R.T. -0.006 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:252 Resp: 806435  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 9.4 7.0 10.4

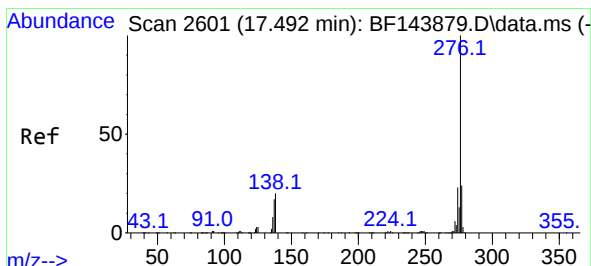
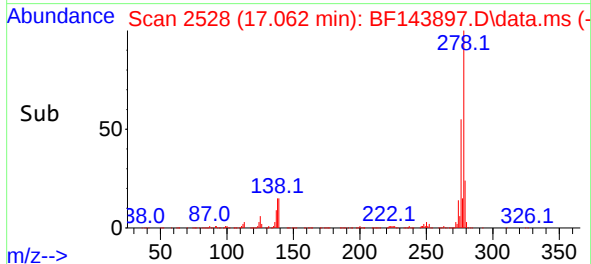
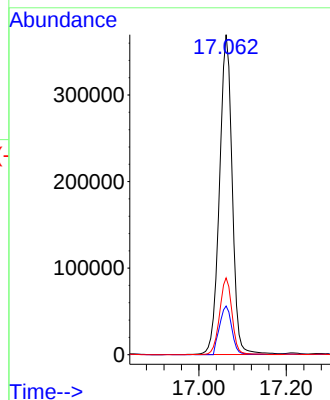
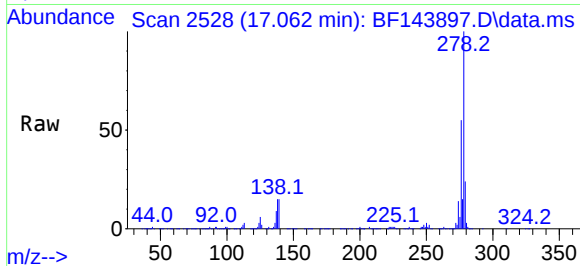




#91  
Dibenzo(a,h)anthracene  
Concen: 50.806 ng  
RT: 17.062 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
HL-WESTMS

Tgt Ion:278 Resp: 741799  
Ion Ratio Lower Upper  
278 100  
139 15.2 11.7 17.5  
279 24.0 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 49.565 ng  
RT: 17.498 min Scan# 2602  
Delta R.T. -0.018 min  
Lab File: BF143897.D  
Acq: 08 Oct 2025 16:09

Tgt Ion:276 Resp: 723686  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.6  
138 21.3 16.1 24.1

