

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF093025\  
 Data File : BF143832.D  
 Acq On : 30 Sep 2025 14:34  
 Operator : RC/JU  
 Sample : PB169880BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169880BS

Quant Time: Sep 30 15:00:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 176669   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 656314   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 351165   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 557066   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 507394   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 705082   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1179229  | 108.445 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 1403407  | 111.699 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 884218   | 82.467  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 564679   | 108.601 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1765547  | 78.457  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 2414733  | 96.788  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 183209   | 35.201  | ng    | 96       |
| 3) Pyridine                   | 3.504  | 79   | 514208   | 36.600  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.451  | 42   | 269097   | 38.199  | ng    | 81       |
| 6) Aniline                    | 6.551  | 93   | 636261   | 34.892  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 472145   | 42.413  | ng    | 99       |
| 9) Benzaldehyde               | 6.439  | 77   | 293685   | 26.692  | ng    | 96       |
| 10) Phenol                    | 6.528  | 94   | 621312   | 42.544  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 476285   | 41.605  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 540863   | 41.846  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 546388   | 42.360  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 525218   | 42.993  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 425095   | 46.825  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 991778   | 36.536  | ng    | 95       |
| 17) 2-Methylphenol            | 7.134  | 107  | 378984   | 43.974  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 185474   | 40.888  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 346439   | 42.879  | ng    | 91       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 441729   | 42.088  | ng    | # 87     |
| 22) Acetophenone              | 7.298  | 105  | 667631   | 46.315  | ng    | 94       |
| 24) Nitrobenzene              | 7.469  | 77   | 515841   | 43.404  | ng    | 97       |
| 25) Isophorone                | 7.710  | 82   | 954071   | 45.663  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 242954   | 49.692  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 444703   | 47.619  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 584907   | 43.088  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 411379   | 44.768  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 441169   | 46.263  | ng    | 100      |
| 31) Naphthalene               | 8.192  | 128  | 1309511  | 41.679  | ng    | 99       |
| 32) Benzoic acid              | 7.933  | 122  | 283073   | 62.825  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 288229   | 26.105  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 321858   | 45.275  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 78032    | 33.223  | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 398398   | 46.228  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 805789   | 40.221  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 817017   | 42.607  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 488569   | 46.102  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 761947   | 113.446 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 309078   | 46.577  | ng    | 98       |

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 Sample : PB169880BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

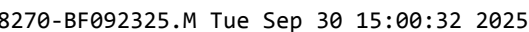
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169880BS

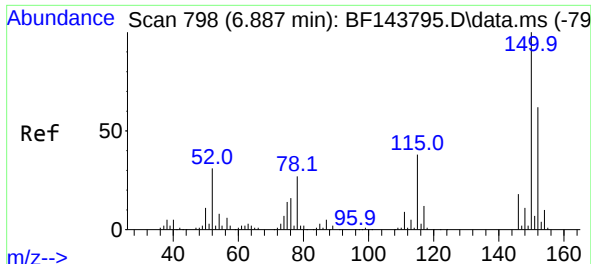
Quant Time: Sep 30 15:00:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 321107   | 46.263  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1146137  | 45.088  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 839001   | 41.003  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 310613   | 50.226  | ng    | 99       |
| 49) Acenaphthylene            | 9.792  | 152  | 1338221  | 47.508  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 966787   | 45.170  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 204518   | 58.158  | ng    | 92       |
| 52) Acenaphthene              | 9.963  | 154  | 825025   | 44.507  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 151187   | 35.469  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 166819   | 97.461  | ng    | # 27     |
| 55) Dibenzofuran              | 10.133 | 168  | 1122052  | 42.806  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 313904   | 91.386  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 268510   | 51.233  | ng    | 97       |
| 58) Fluorene                  | 10.475 | 166  | 851254   | 43.683  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 323356   | 54.381  | ng    | 94       |
| 60) Diethylphthalate          | 10.351 | 149  | 907832   | 45.311  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 447042   | 45.023  | ng    | 95       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 199352   | 49.739  | ng    | 99       |
| 63) Azobenzene                | 10.627 | 77   | 913219   | 43.249  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 120529   | 56.270  | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 823601   | 44.956  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 470941   | 49.607  | ng    | 96       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 655868   | 50.132  | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 260652   | 49.132  | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 677583   | 104.047 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1227780  | 42.930  | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1254719  | 43.737  | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 1083105  | 43.182  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1283897  | 44.508  | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1237804  | 43.032  | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 399172   | 32.285  | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1239293  | 49.680  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 432539   | 50.118  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1233967  | 45.270  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 372840   | 31.573  | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 1072277  | 43.474  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 548071   | 43.324  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 922091   | 40.183  | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 2595286  | 48.512  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 1820049  | 50.689  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1414832  | 39.221  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 1585027  | 46.962  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.056 | 278  | 2122139  | 48.499  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 2124276  | 50.363  | ng    | 98       |

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

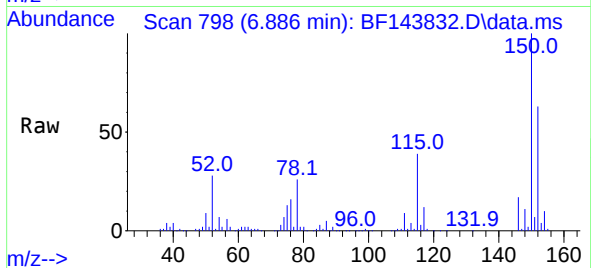
Quant Time: Sep 30 15:00:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
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QLast Update : Wed Sep 24 05:00:00 2025  
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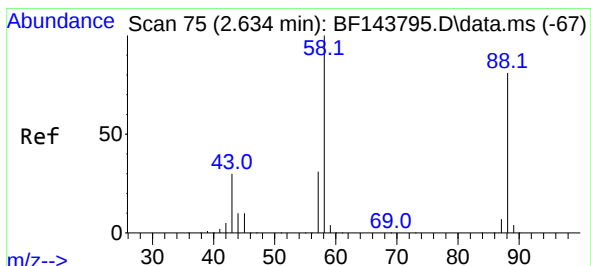
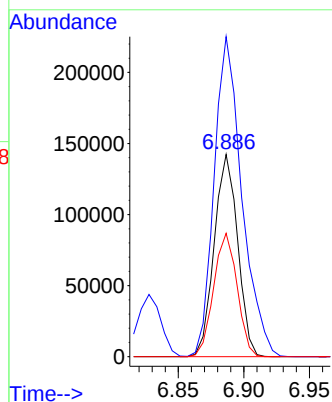
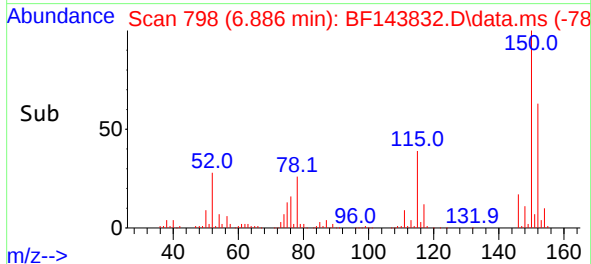


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 79  
Delta R.T. -0.001 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

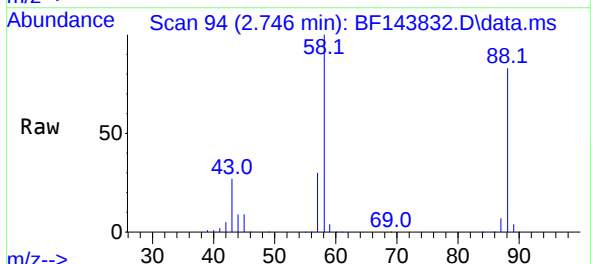
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS



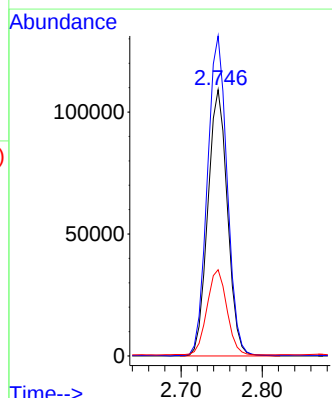
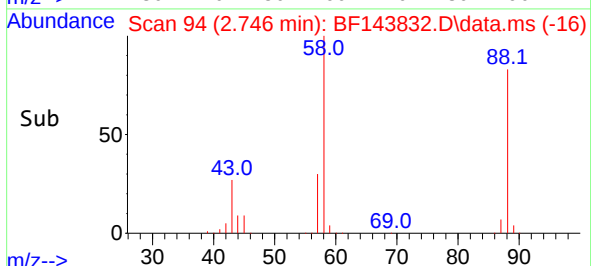
Tgt Ion:152 Resp: 176669  
Ion Ratio Lower Upper  
152 100  
150 158.2 129.6 194.4  
115 61.0 49.0 73.4

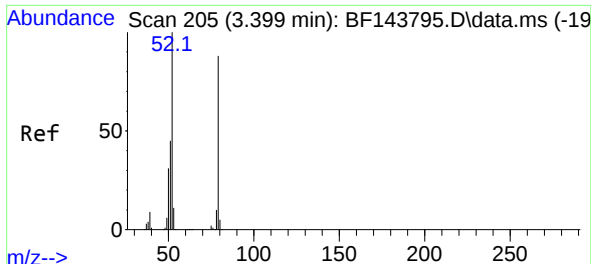


#2  
1,4-Dioxane  
Concen: 35.201 ng  
RT: 2.746 min Scan# 94  
Delta R.T. 0.112 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34



Tgt Ion: 88 Resp: 183209  
Ion Ratio Lower Upper  
88 100  
58 121.3 99.4 149.2  
43 32.5 30.6 45.8

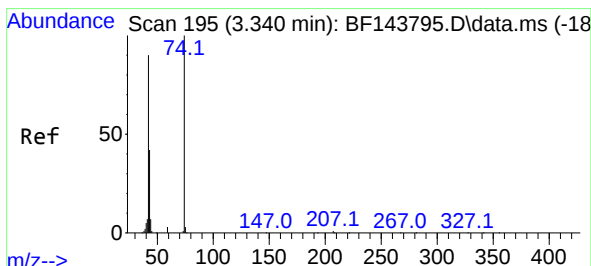
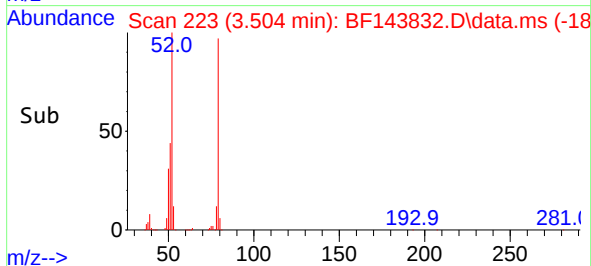
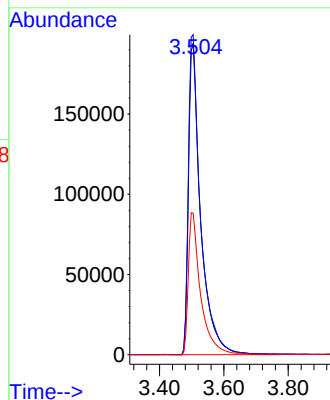
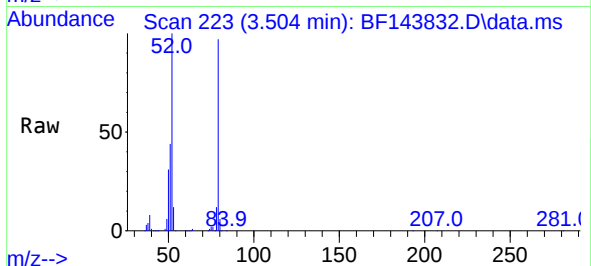




#3  
Pyridine  
Concen: 36.600 ng  
RT: 3.504 min Scan# 214  
Delta R.T. 0.106 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

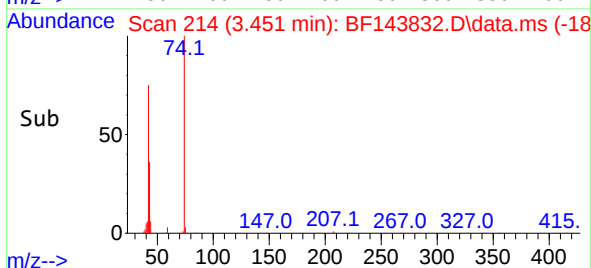
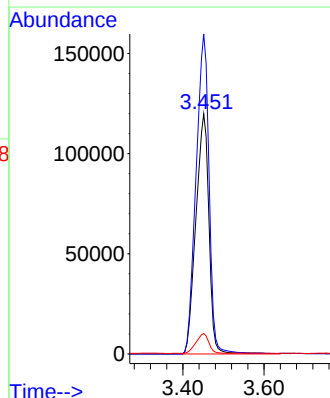
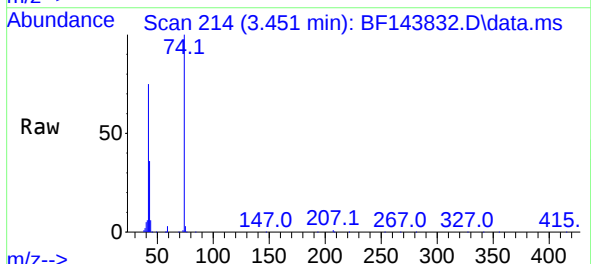
Instrument :  
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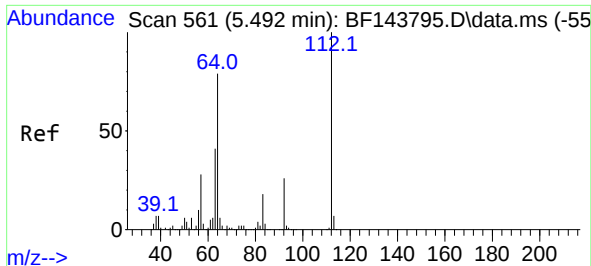
Tgt Ion: 79 Resp: 514208  
Ion Ratio Lower Upper  
79 100  
52 102.9 90.5 135.7  
51 45.5 40.6 61.0



#4  
n-Nitrosodimethylamine  
Concen: 38.199 ng  
RT: 3.451 min Scan# 214  
Delta R.T. 0.094 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 42 Resp: 269097  
Ion Ratio Lower Upper  
42 100  
74 133.2 89.1 133.7  
44 8.5 6.4 9.6

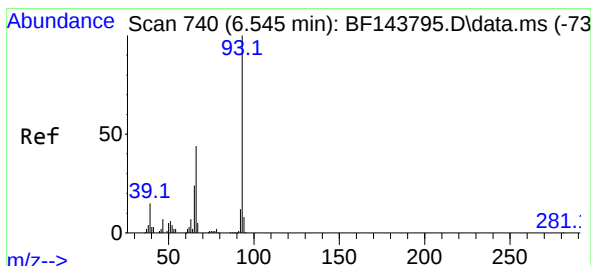
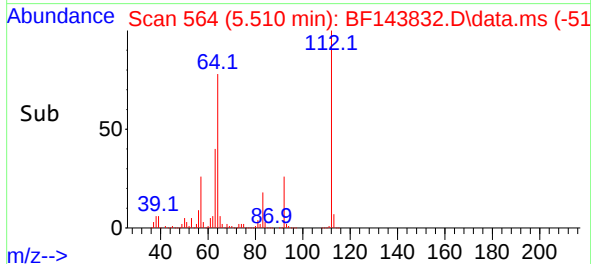
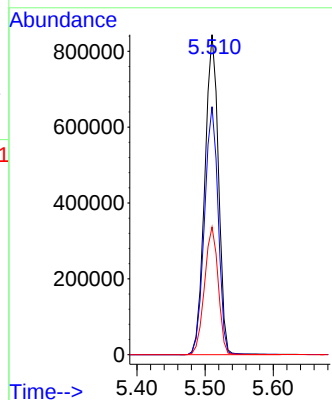
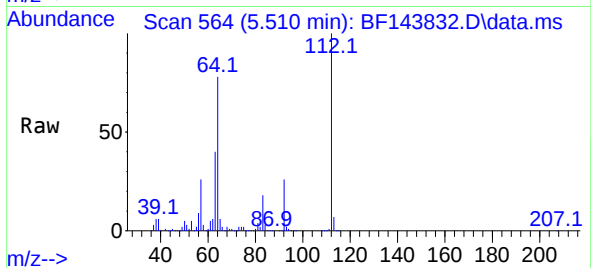




#5  
2-Fluorophenol  
Concen: 108.445 ng  
RT: 5.510 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

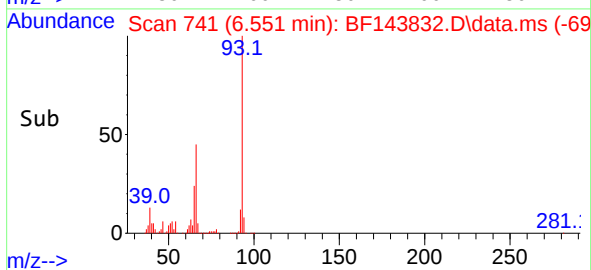
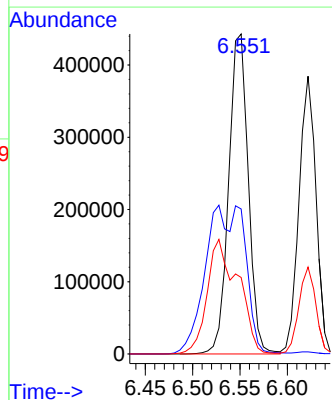
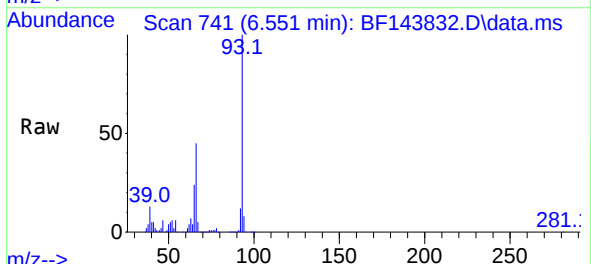
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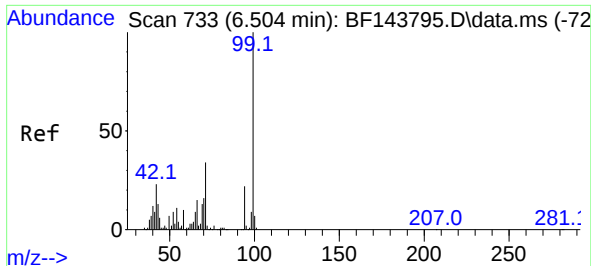
Tgt Ion:112 Resp: 1179229  
Ion Ratio Lower Upper  
112 100  
64 77.5 63.0 94.4  
63 39.9 32.6 49.0



#6  
Aniline  
Concen: 34.892 ng  
RT: 6.551 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 93 Resp: 636261  
Ion Ratio Lower Upper  
93 100  
66 45.3 37.1 55.7  
65 23.9 19.4 29.0

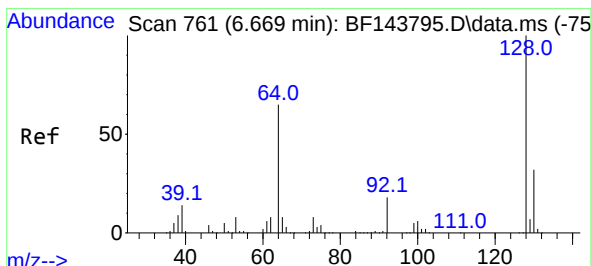
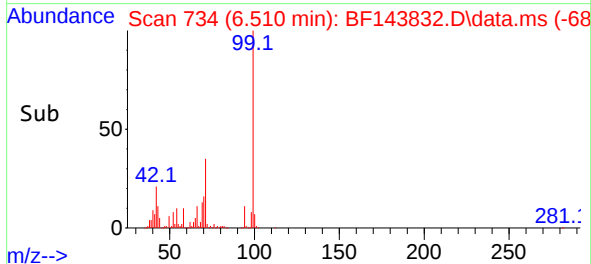
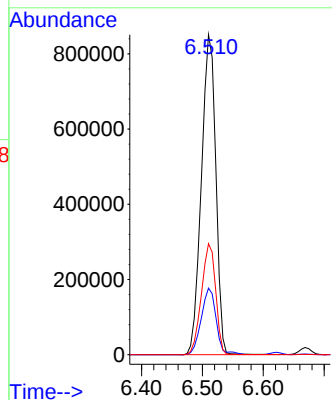
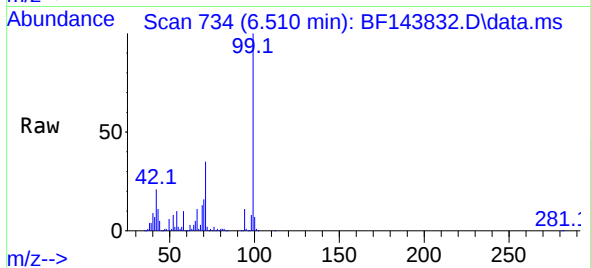




#7  
Phenol-d6  
Concen: 111.699 ng  
RT: 6.510 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

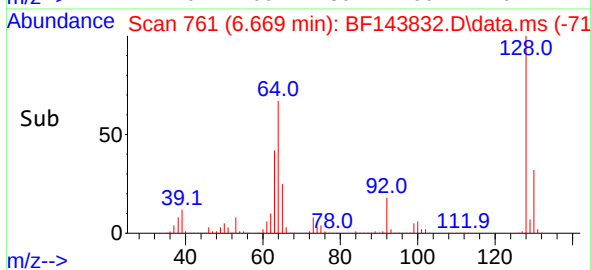
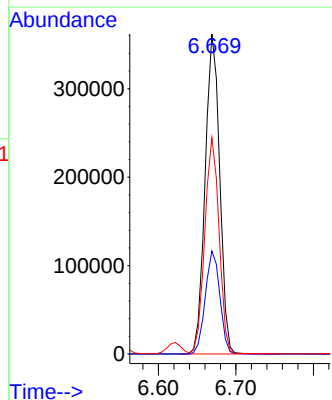
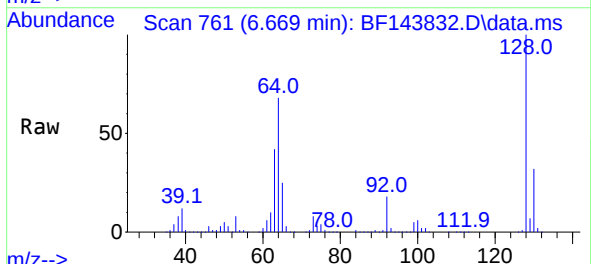
Instrument :  
BNA\_F  
ClientSampleId :  
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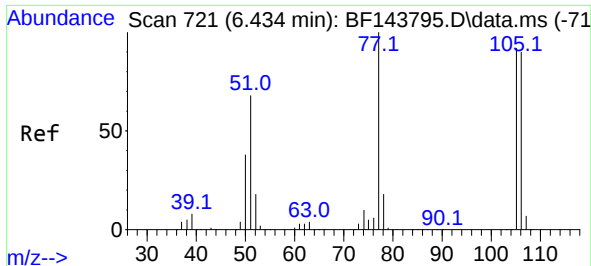
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Ion Ratio Lower Upper  
99 100  
42 20.8 18.6 28.0  
71 34.7 27.0 40.4



#8  
2-Chlorophenol  
Concen: 42.413 ng  
RT: 6.669 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 128 Resp: 472145  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.2 52.2  
64 67.5 46.5 86.5

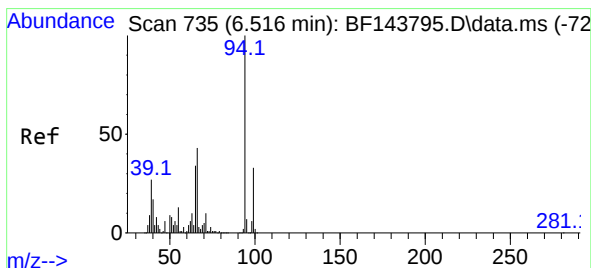
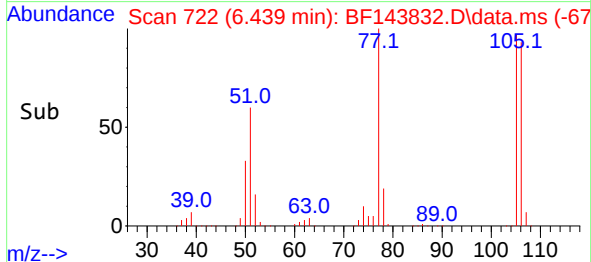
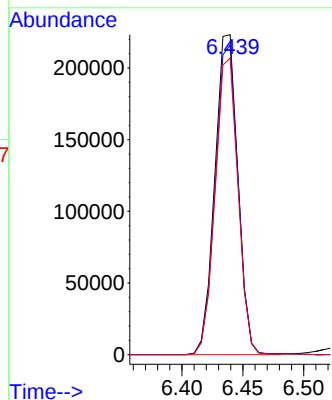
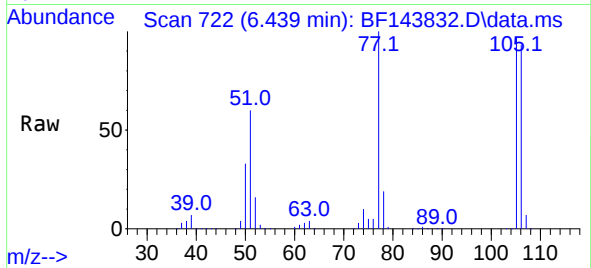




#9  
Benzaldehyde  
Concen: 26.692 ng  
RT: 6.439 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

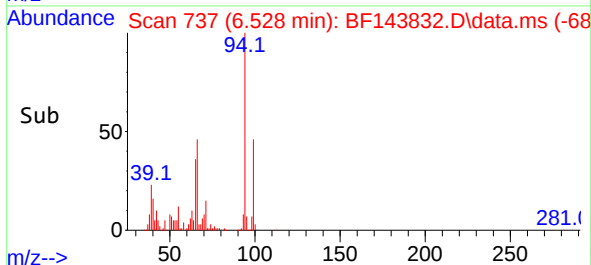
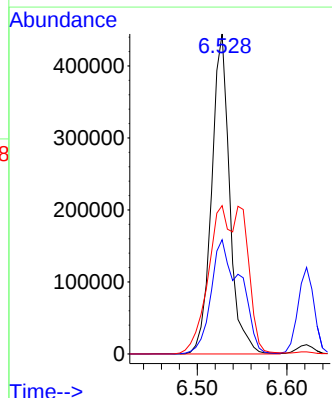
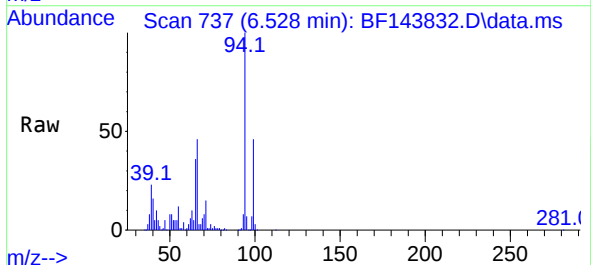
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

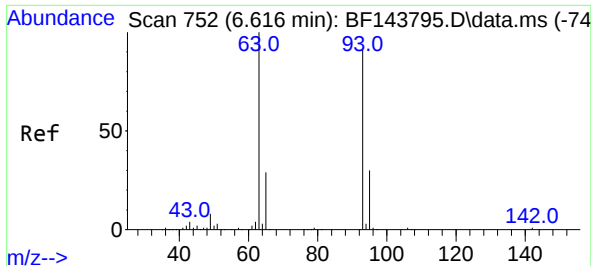
Tgt Ion: 77 Resp: 293685  
Ion Ratio Lower Upper  
77 100  
105 96.7 71.8 111.8  
106 92.7 69.8 109.8



#10  
Phenol  
Concen: 42.544 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 94 Resp: 621312  
Ion Ratio Lower Upper  
94 100  
65 35.7 14.2 54.2  
66 46.4 24.1 64.1

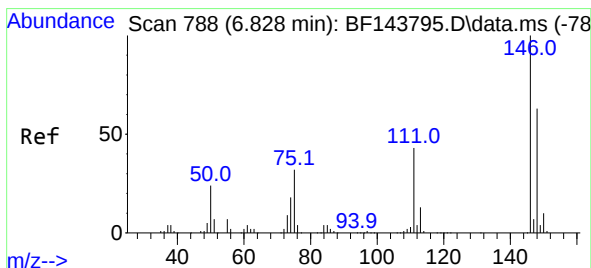
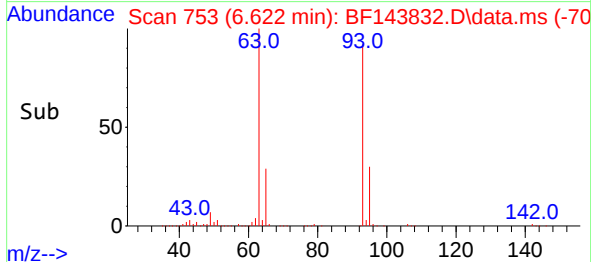
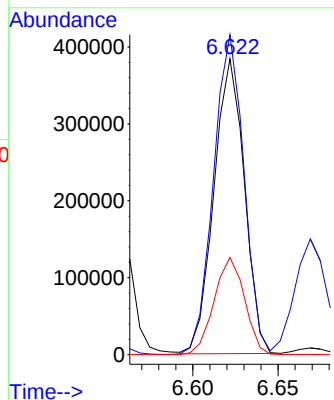
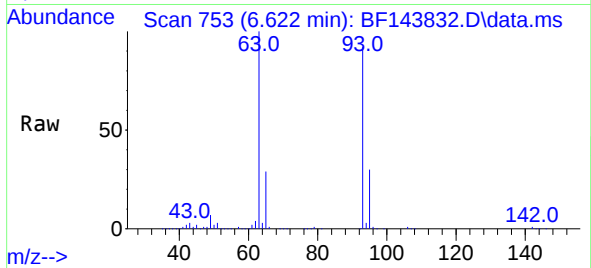




#11  
bis(2-Chloroethyl)ether  
Concen: 41.605 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

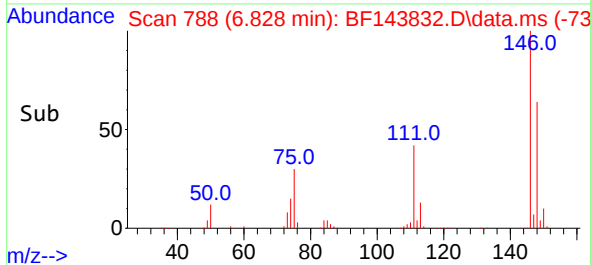
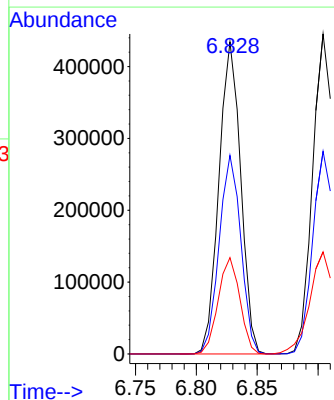
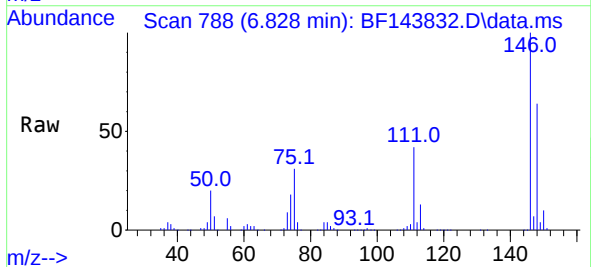
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

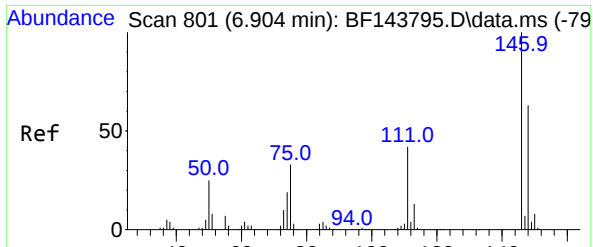
Tgt Ion: 93 Resp: 476285  
Ion Ratio Lower Upper  
93 100  
63 108.2 89.2 129.2  
95 32.9 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 41.846 ng  
RT: 6.828 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:146 Resp: 540863  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.4 75.6  
75 30.9 25.6 38.4

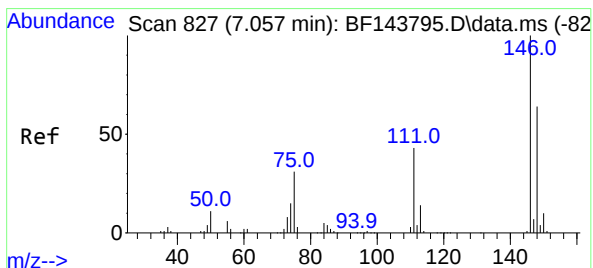
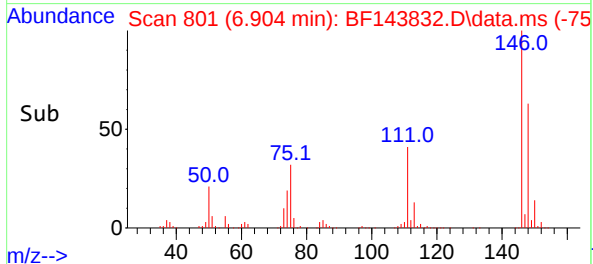
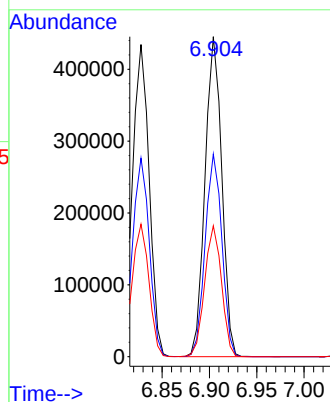
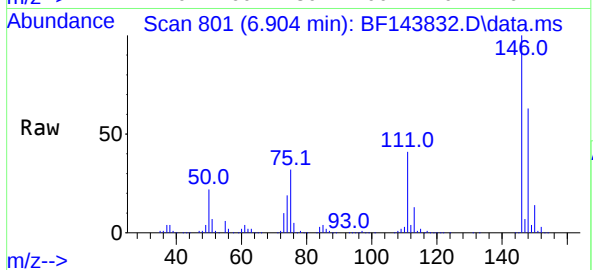




#13  
1,4-Dichlorobenzene  
Concen: 42.360 ng  
RT: 6.904 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

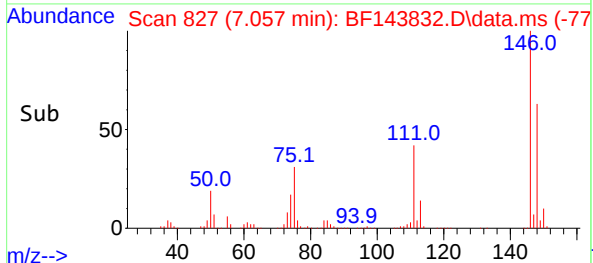
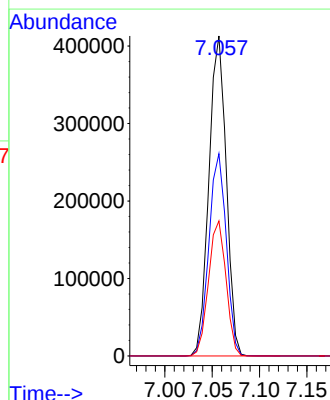
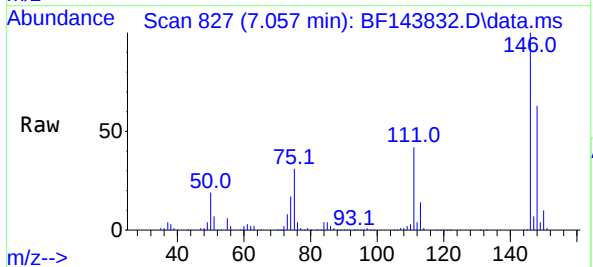
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

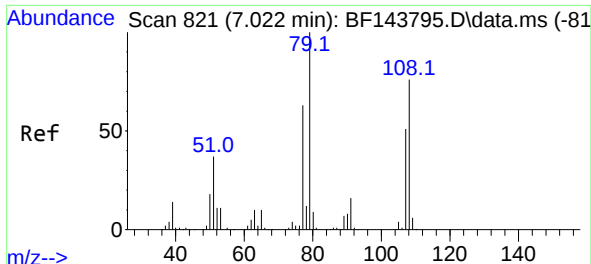
Tgt Ion:146 Resp: 546388  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.7 76.1  
111 40.9 33.4 50.2



#14  
1,2-Dichlorobenzene  
Concen: 42.993 ng  
RT: 7.057 min Scan# 827  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:146 Resp: 525218  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.1 76.7  
111 42.2 34.3 51.5

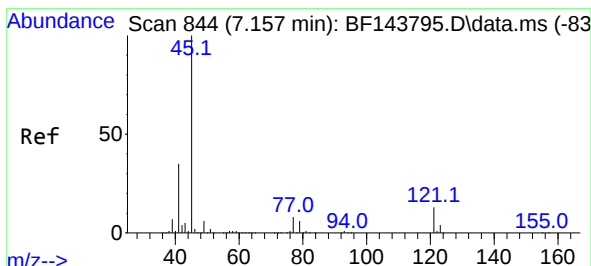
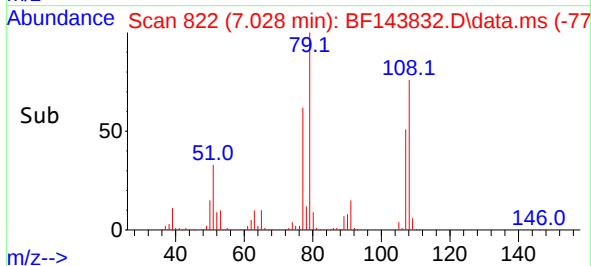
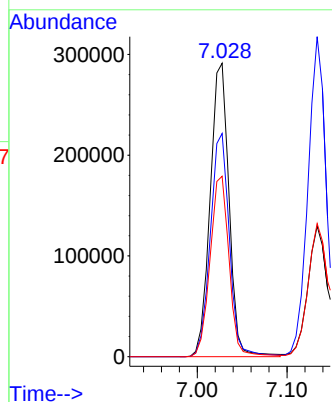
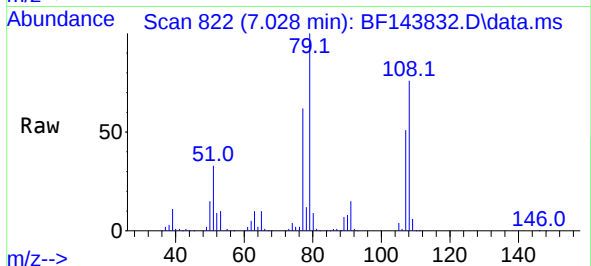




#15  
Benzyl Alcohol  
Concen: 46.825 ng  
RT: 7.028 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

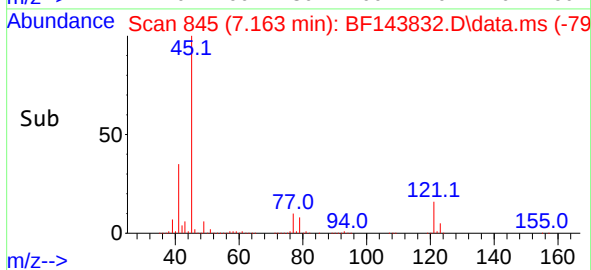
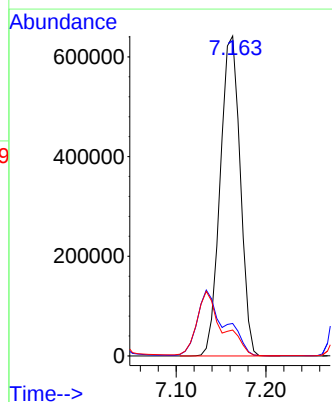
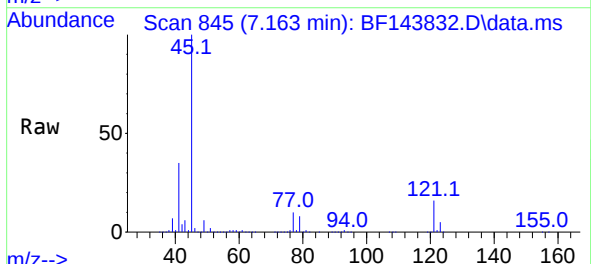
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

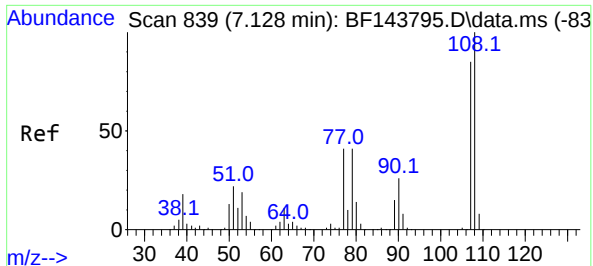
Tgt Ion: 79 Resp: 425095  
Ion Ratio Lower Upper  
79 100  
108 76.1 60.5 90.7  
77 61.5 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.536 ng  
RT: 7.163 min Scan# 845  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 45 Resp: 991778  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 28.5  
79 8.1 0.0 26.3



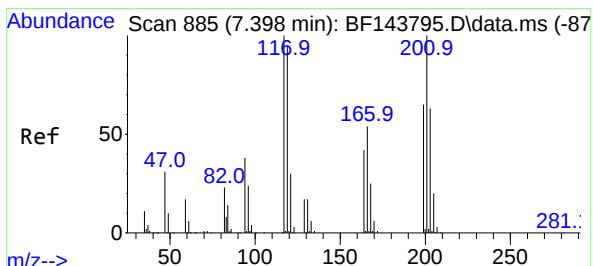
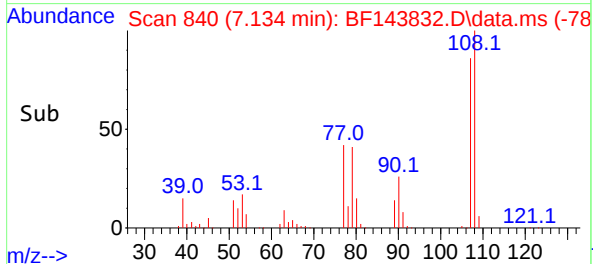
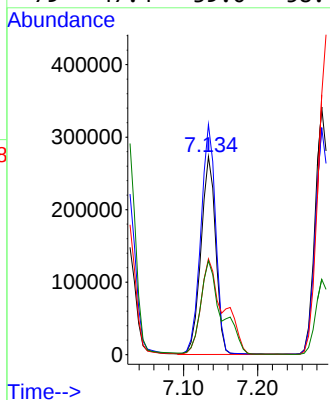
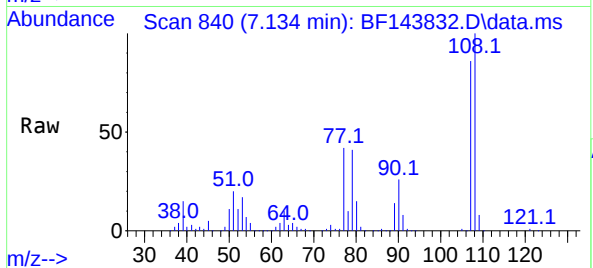


#17  
2-Methylphenol  
Concen: 43.974 ng  
RT: 7.134 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

Tgt Ion:107 Resp: 378984

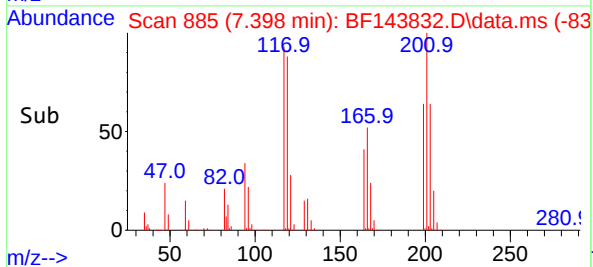
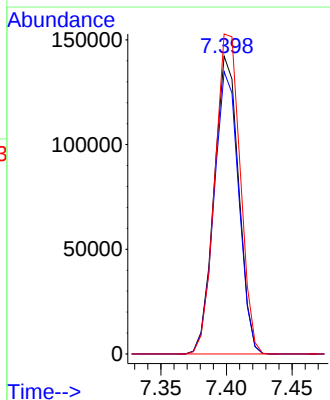
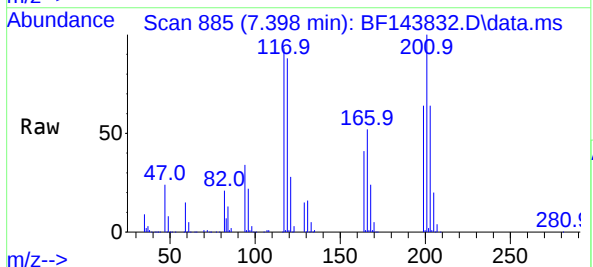
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 116.2 | 94.2  | 141.4 |
| 77  | 48.4  | 38.6  | 58.0  |
| 79  | 47.4  | 39.0  | 58.4  |

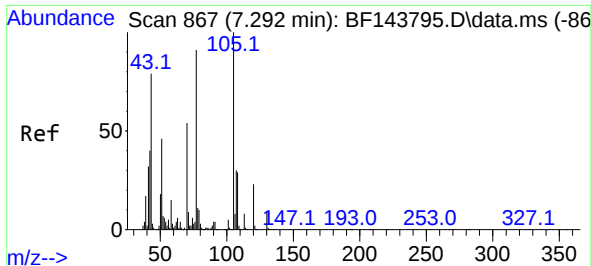


#18  
Hexachloroethane  
Concen: 40.888 ng  
RT: 7.398 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:117 Resp: 185474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.8  | 76.2  | 114.2 |
| 201 | 107.4 | 79.7  | 119.5 |

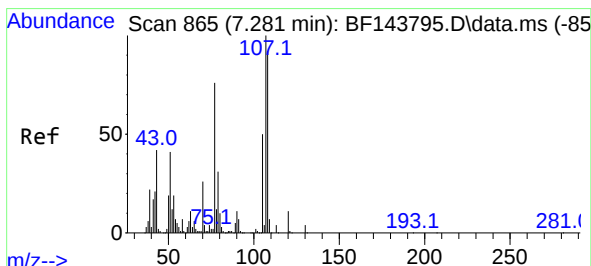
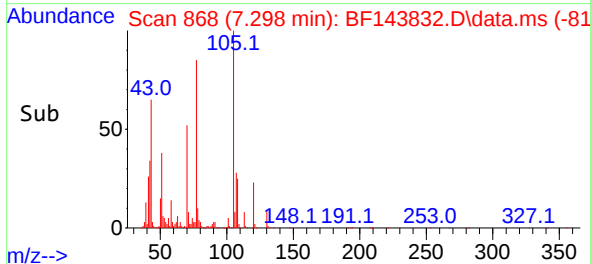
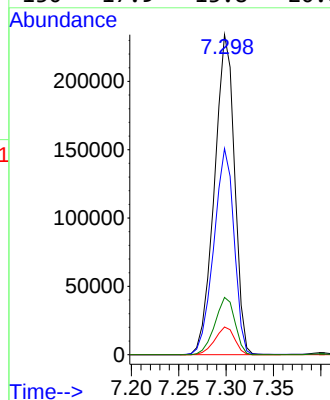
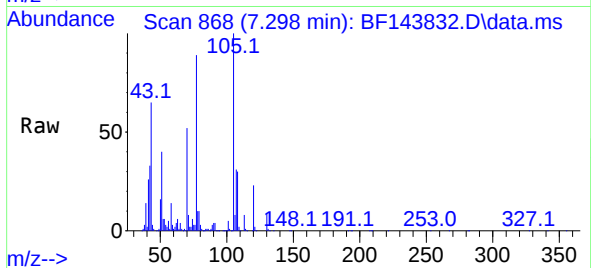




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.879 ng  
RT: 7.298 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

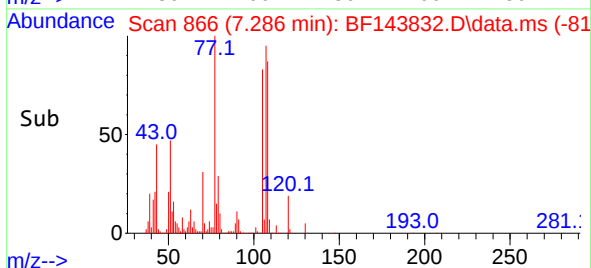
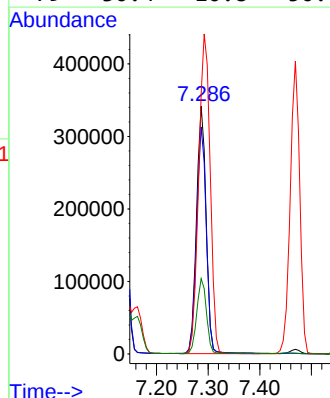
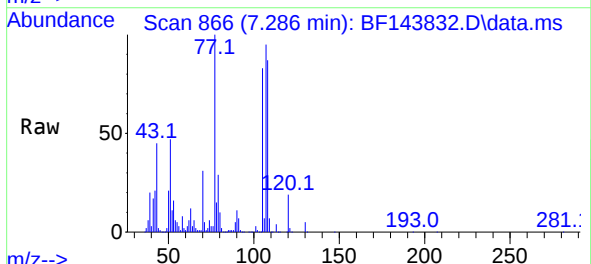
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

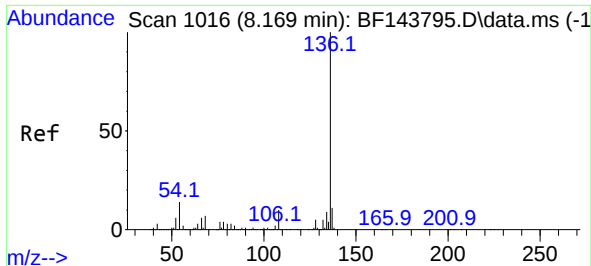
Tgt Ion: 70 Resp: 346439  
Ion Ratio Lower Upper  
70 100  
42 64.4 59.4 89.0  
101 8.7 7.1 10.7  
130 17.9 13.8 20.8



#20  
3+4-Methylphenols  
Concen: 42.088 ng  
RT: 7.286 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 107 Resp: 441729  
Ion Ratio Lower Upper  
107 100  
108 91.7 72.5 112.5  
77 104.9 56.2 96.2#  
79 30.4 10.8 50.8



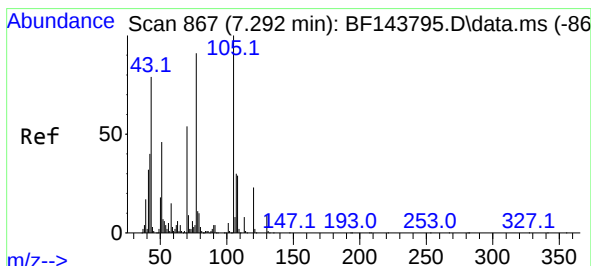
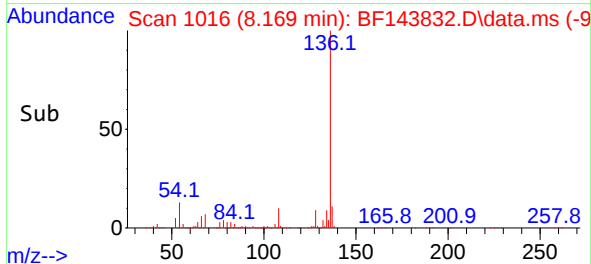
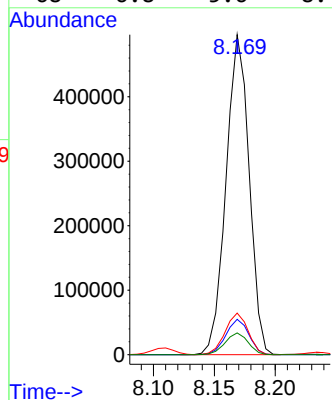
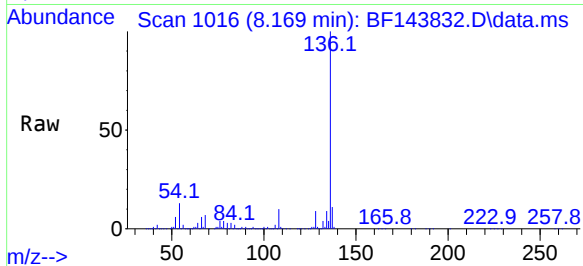


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

Tgt Ion:136 Resp: 656314

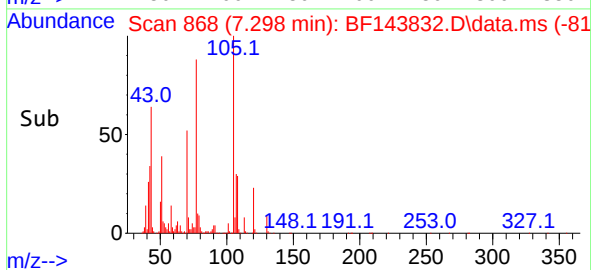
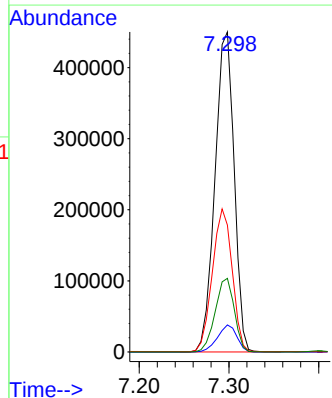
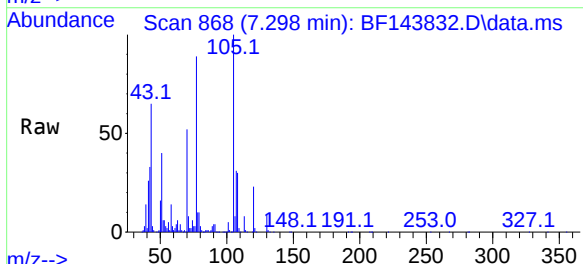
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 13.0  | 11.2  | 16.8  |
| 68  | 6.8   | 5.6   | 8.4   |

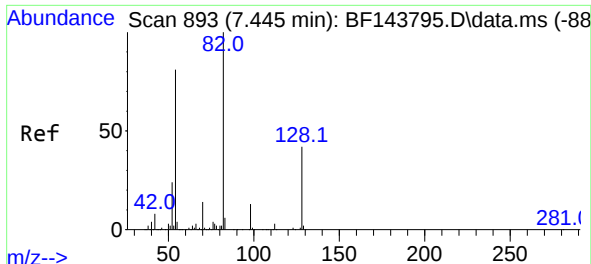


#22  
Acetophenone  
Concen: 46.315 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:105 Resp: 667631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.4   | 7.0   | 10.4  |
| 51  | 39.7  | 36.6  | 55.0  |
| 120 | 23.0  | 18.1  | 27.1  |

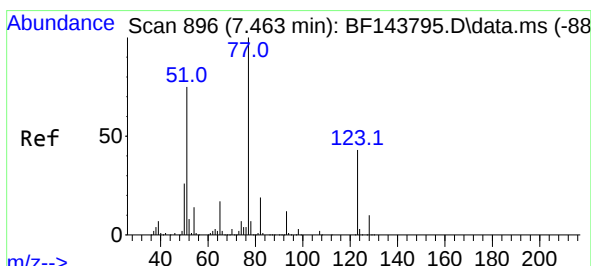
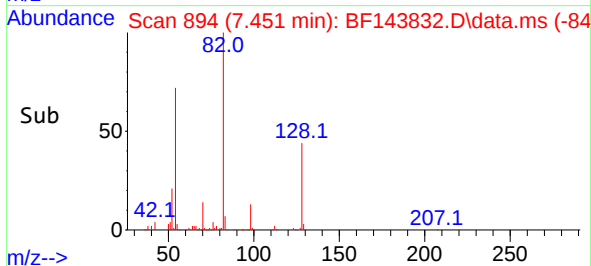
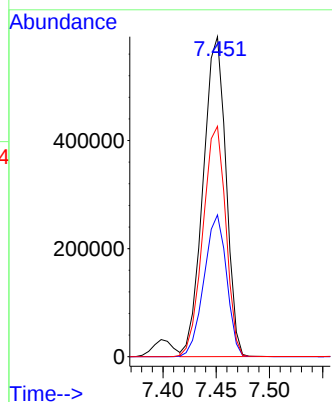
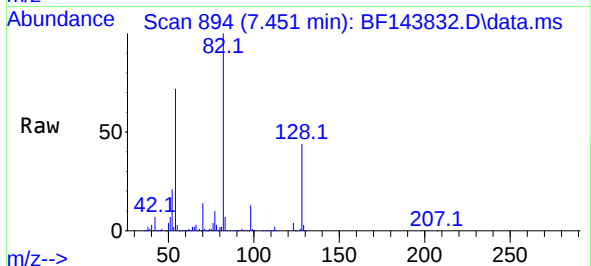




#23  
Nitrobenzene-d5  
Concen: 82.467 ng  
RT: 7.451 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

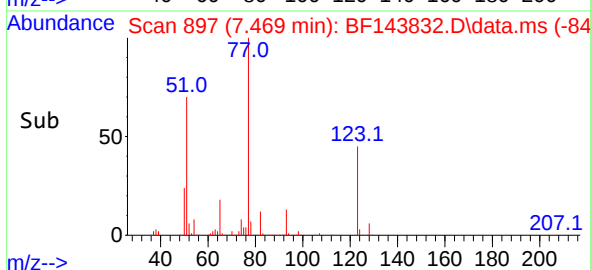
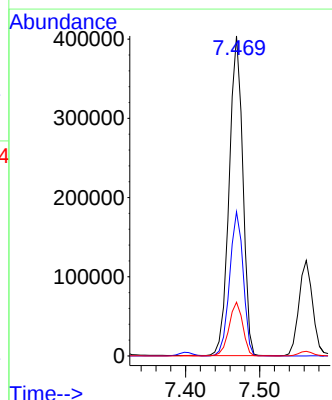
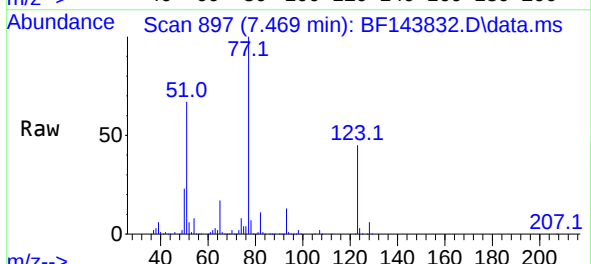
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

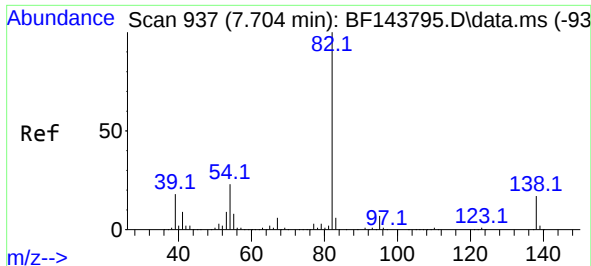
Tgt Ion: 82 Resp: 884218  
Ion Ratio Lower Upper  
82 100  
128 44.3 33.3 49.9  
54 72.0 64.2 96.4



#24  
Nitrobenzene  
Concen: 43.404 ng  
RT: 7.469 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 77 Resp: 515841  
Ion Ratio Lower Upper  
77 100  
123 45.0 34.0 51.0  
65 16.8 13.5 20.3

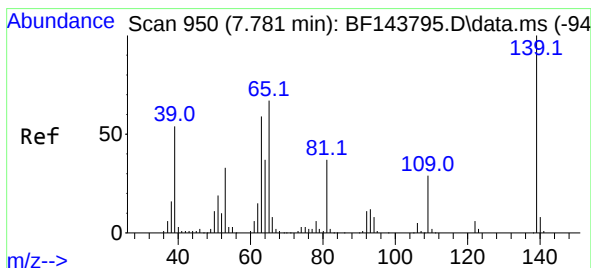
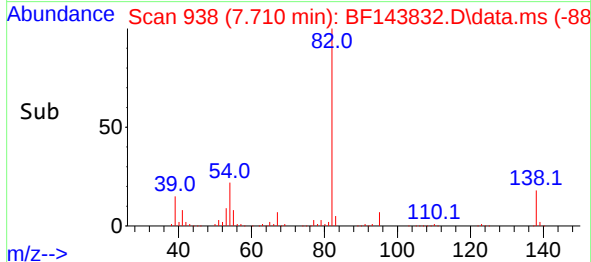
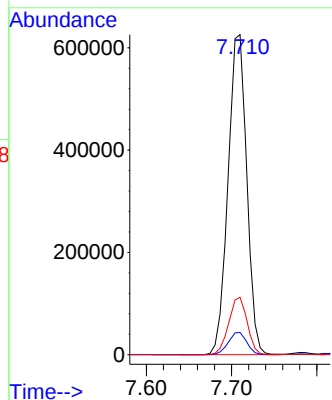
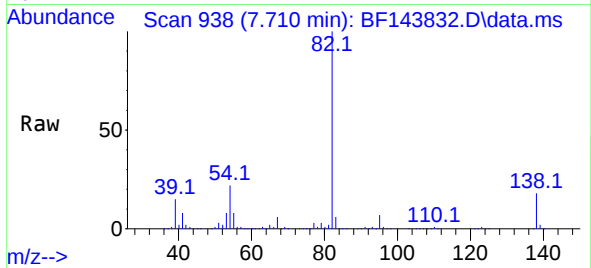




#25  
Isophorone  
Concen: 45.663 ng  
RT: 7.710 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

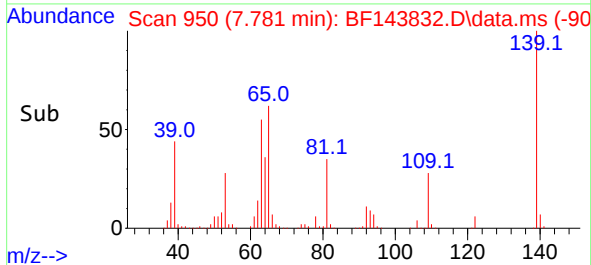
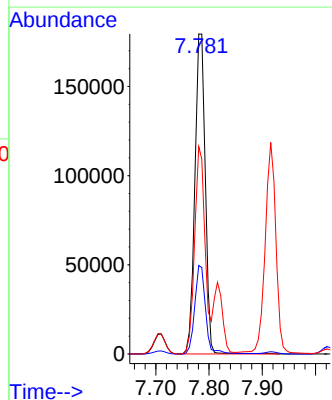
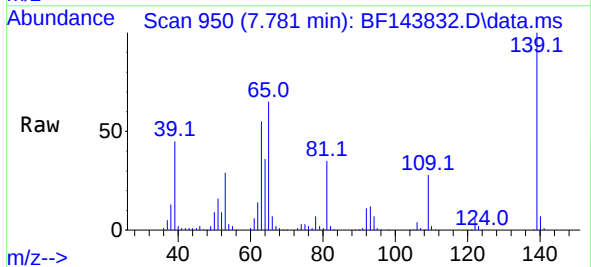
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

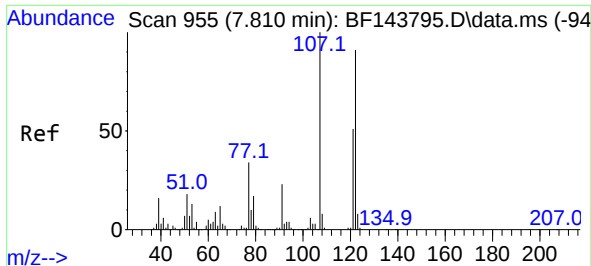
Tgt Ion: 82 Resp: 954071  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.4 8.2  
138 18.0 13.7 20.5



#26  
2-Nitrophenol  
Concen: 49.692 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.005 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

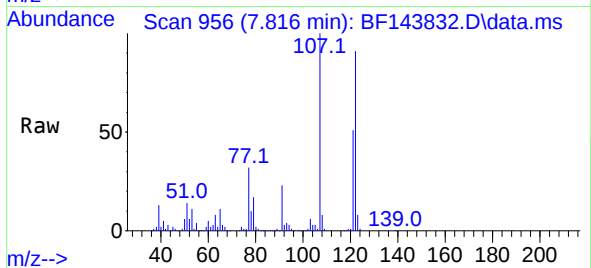
Tgt Ion:139 Resp: 242954  
Ion Ratio Lower Upper  
139 100  
109 27.6 23.3 34.9  
65 64.8 53.8 80.6



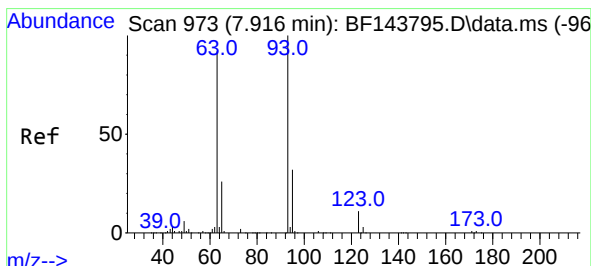
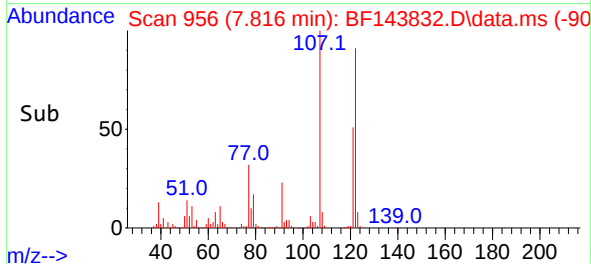
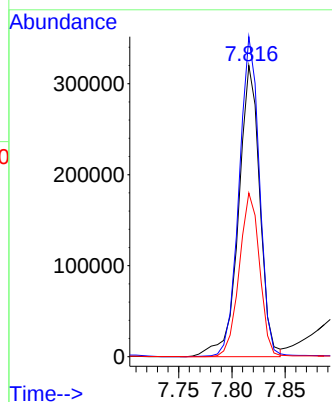


#27  
2,4-Dimethylphenol  
Concen: 47.619 ng  
RT: 7.816 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

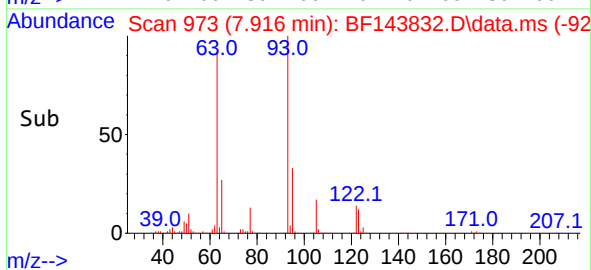
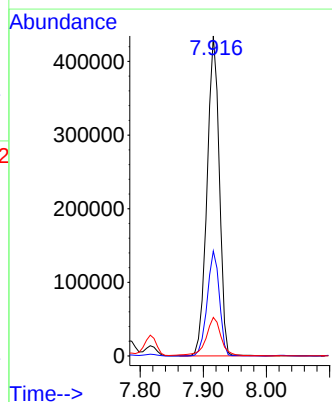
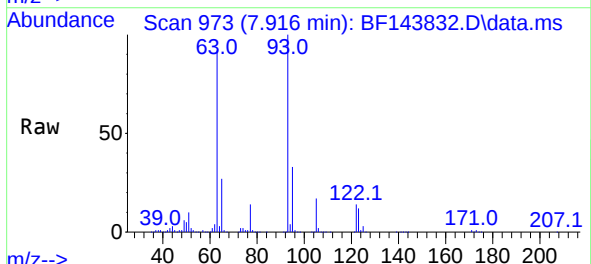


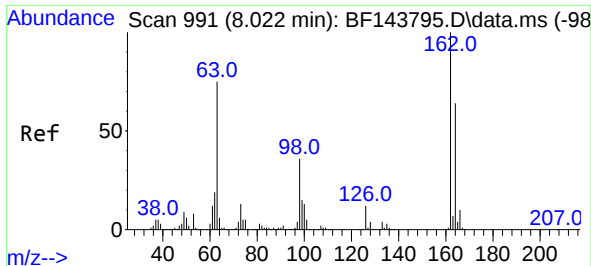
Tgt Ion:122 Resp: 444703  
Ion Ratio Lower Upper  
122 100  
107 109.9 87.5 131.3  
121 56.2 44.2 66.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.088 ng  
RT: 7.916 min Scan# 973  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion: 93 Resp: 584907  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.8 38.8  
123 12.0 8.8 13.2

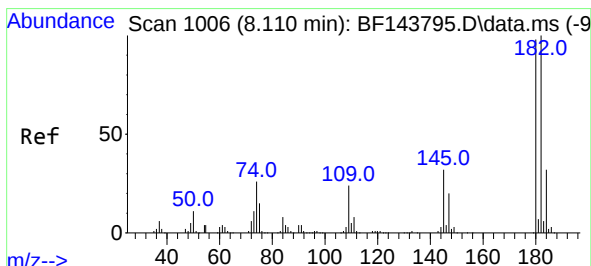
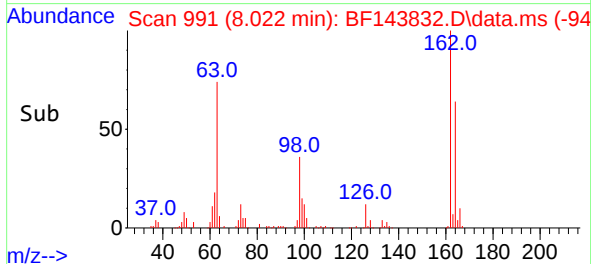
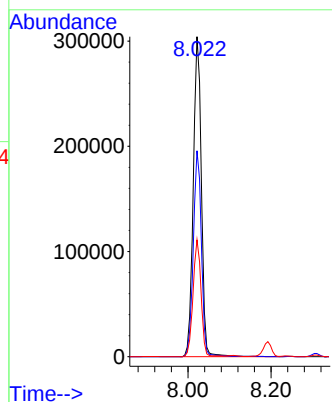
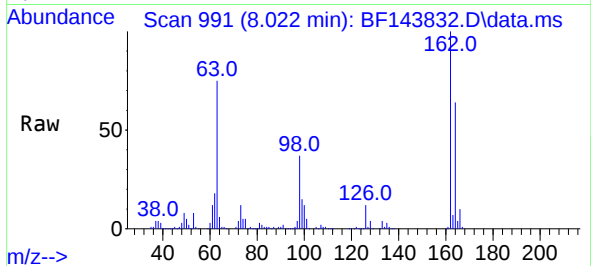




#29  
2,4-Dichlorophenol  
Concen: 44.768 ng  
RT: 8.022 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

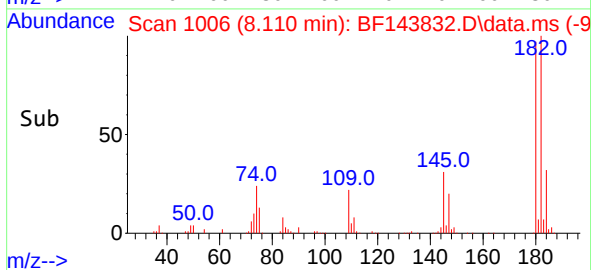
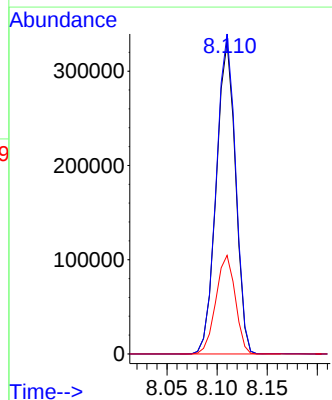
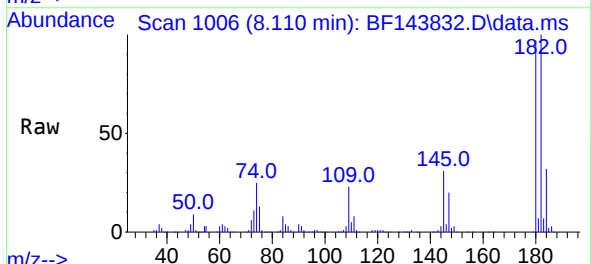
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

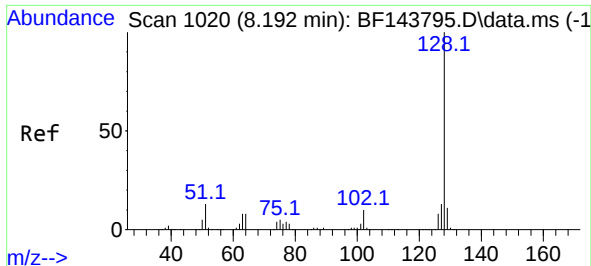
Tgt Ion:162 Resp: 411379  
Ion Ratio Lower Upper  
162 100  
164 64.4 44.1 84.1  
98 36.5 15.8 55.8



#30  
1,2,4-Trichlorobenzene  
Concen: 46.263 ng  
RT: 8.110 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:180 Resp: 441169  
Ion Ratio Lower Upper  
180 100  
182 102.6 82.0 123.0  
145 31.6 25.9 38.9

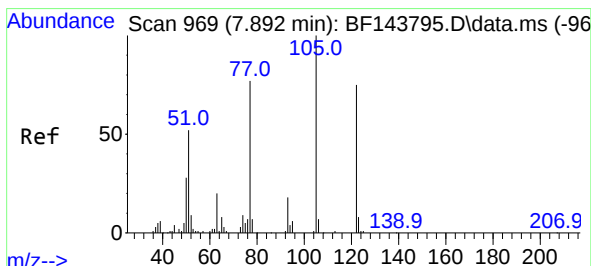
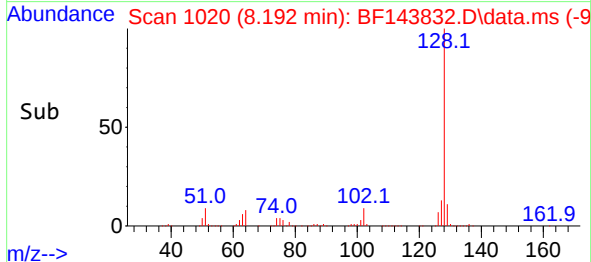
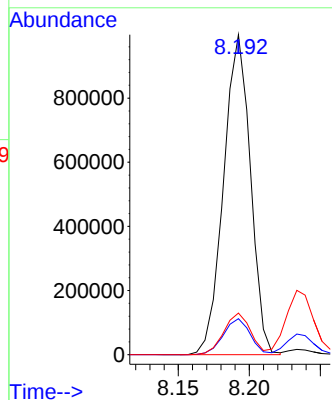
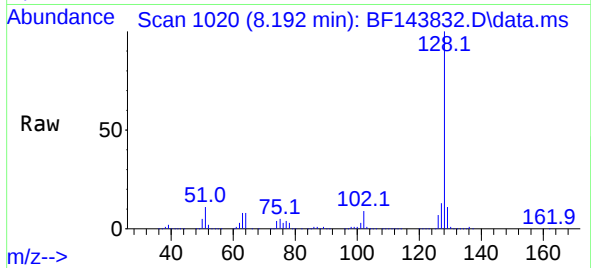




#31  
Naphthalene  
Concen: 41.679 ng  
RT: 8.192 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

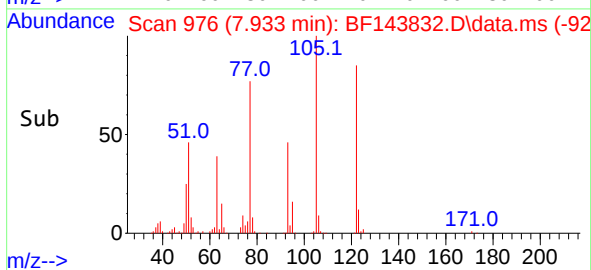
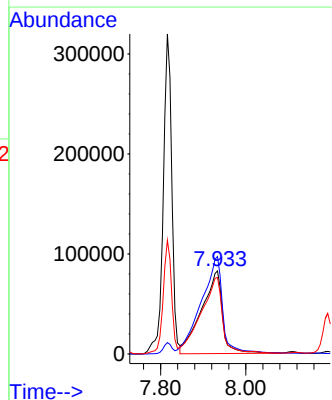
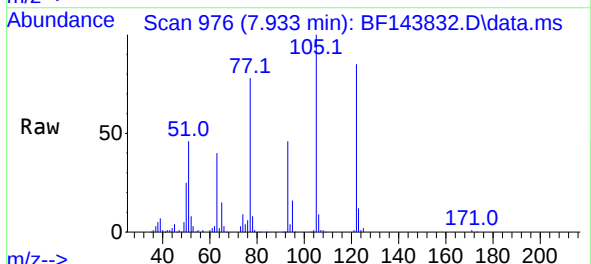
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

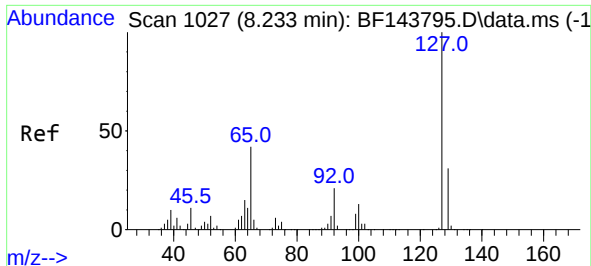
Tgt Ion:128 Resp: 1309511  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.0 10.2 15.4



#32  
Benzoic acid  
Concen: 62.825 ng  
RT: 7.933 min Scan# 976  
Delta R.T. 0.012 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:122 Resp: 283073  
Ion Ratio Lower Upper  
122 100  
105 117.4 103.7 143.7  
77 92.1 78.8 118.8



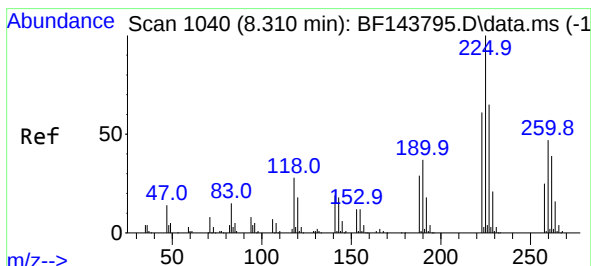
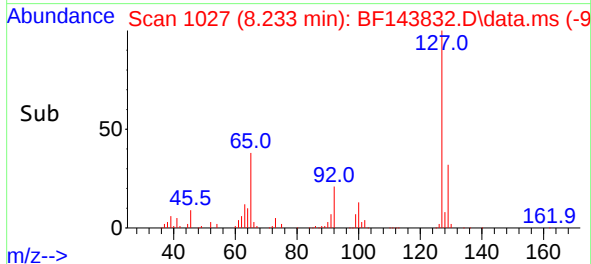
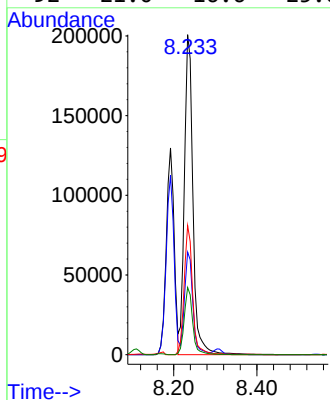
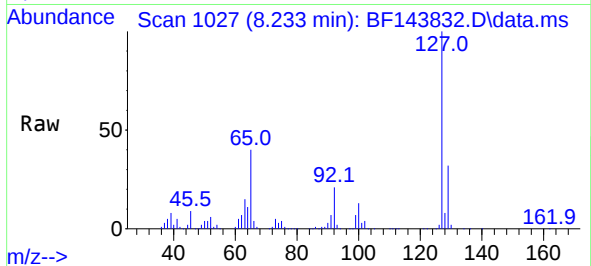


#33  
4-Chloroaniline  
Concen: 26.105 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

Tgt Ion:127 Resp: 288229

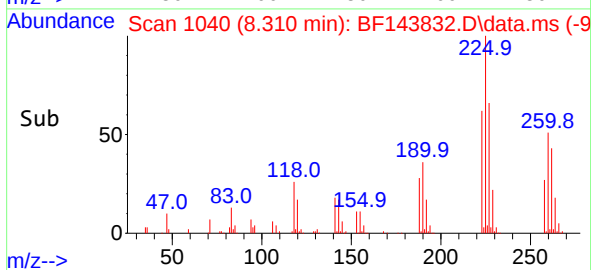
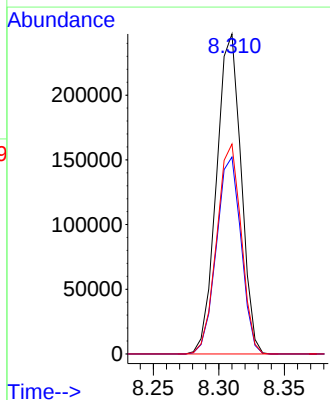
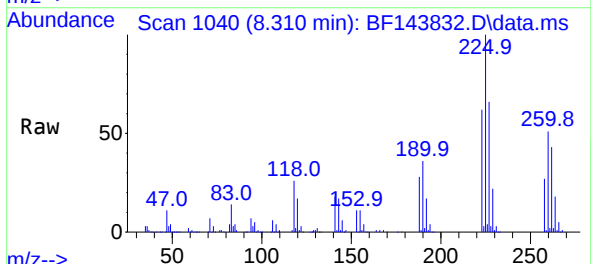
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.0  | 25.4  | 38.2  |
| 65  | 40.3  | 33.4  | 50.2  |
| 92  | 21.0  | 16.6  | 25.0  |

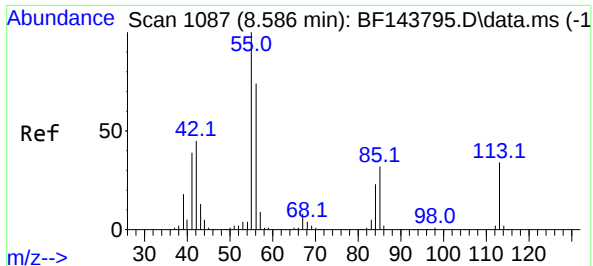


#34  
Hexachlorobutadiene  
Concen: 45.275 ng  
RT: 8.310 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:225 Resp: 321858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.6  | 48.6  | 72.8  |
| 227 | 65.6  | 51.9  | 77.9  |

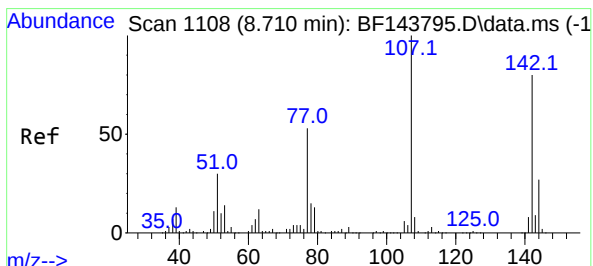
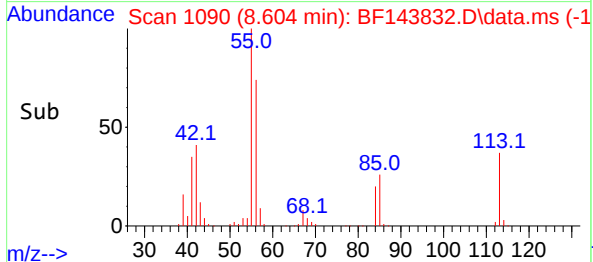
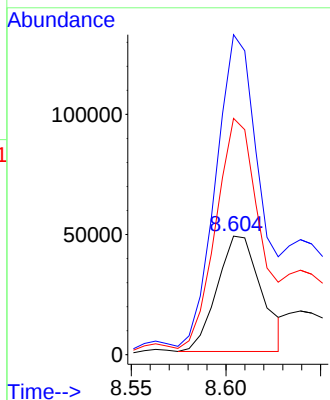
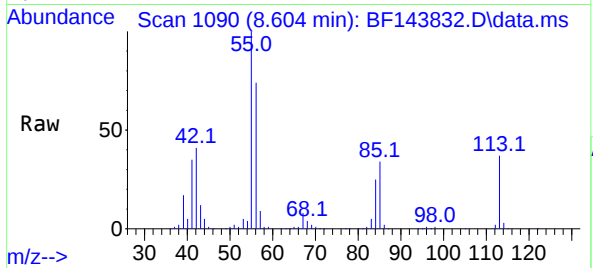




#35  
Caprolactam  
Concen: 33.223 ng  
RT: 8.604 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

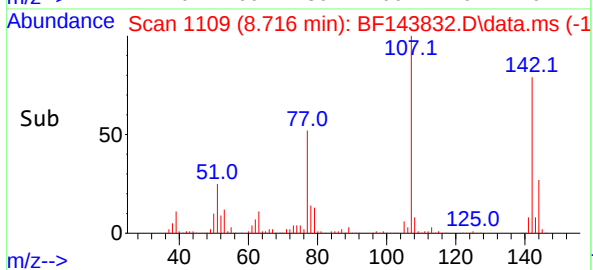
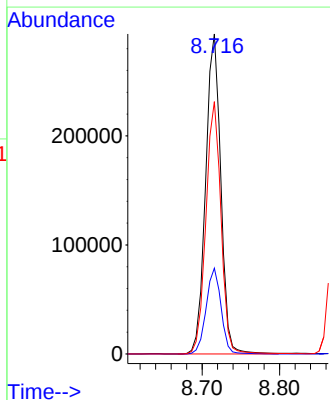
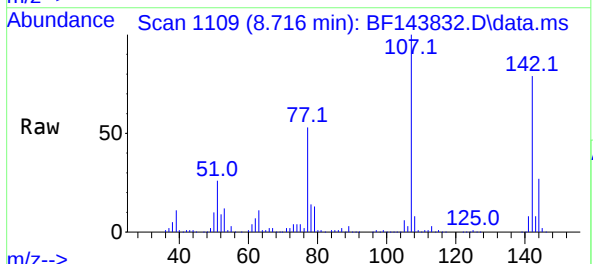
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

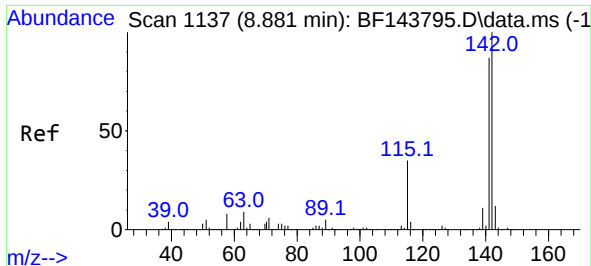
Tgt Ion:113 Resp: 78032  
Ion Ratio Lower Upper  
113 100  
55 270.0 271.7 311.7#  
56 199.5 194.5 234.5



#36  
4-Chloro-3-methylphenol  
Concen: 46.228 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:107 Resp: 398398  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.8 32.8  
142 78.8 63.6 95.4

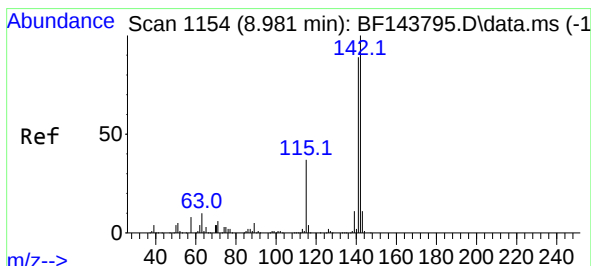
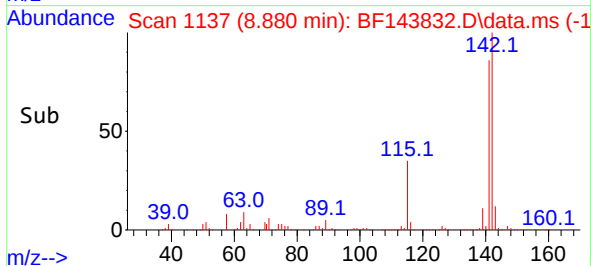
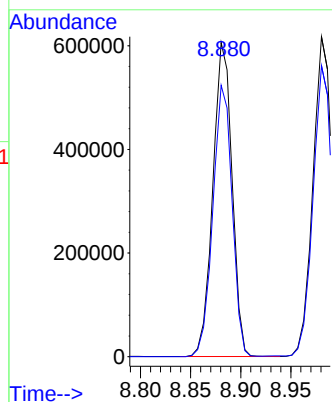
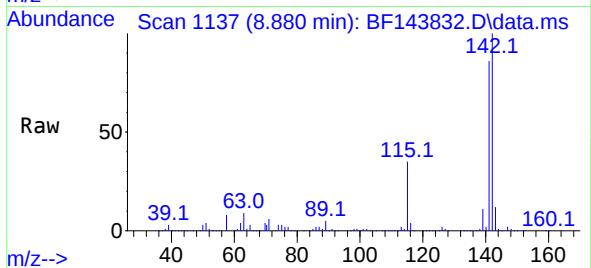




#37  
2-Methylnaphthalene  
Concen: 40.221 ng  
RT: 8.880 min Scan# 1137  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

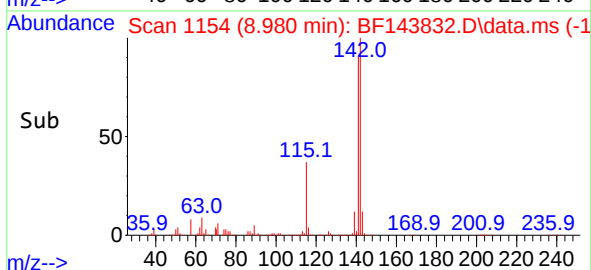
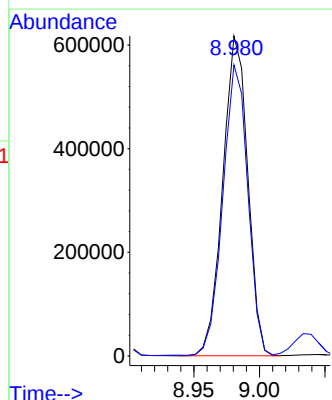
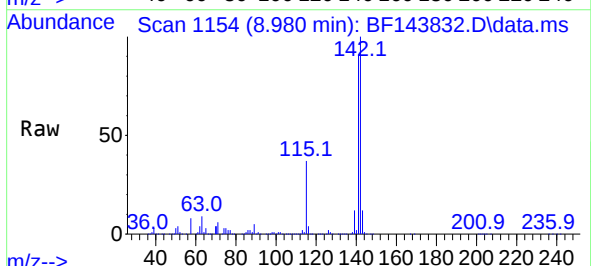
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

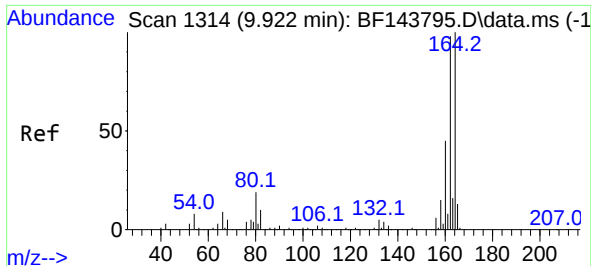
Tgt Ion:142 Resp: 805789  
Ion Ratio Lower Upper  
142 100  
141 86.4 69.4 104.0



#38  
1-Methylnaphthalene  
Concen: 42.607 ng  
RT: 8.980 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:142 Resp: 817017  
Ion Ratio Lower Upper  
142 100  
141 90.9 71.1 106.7

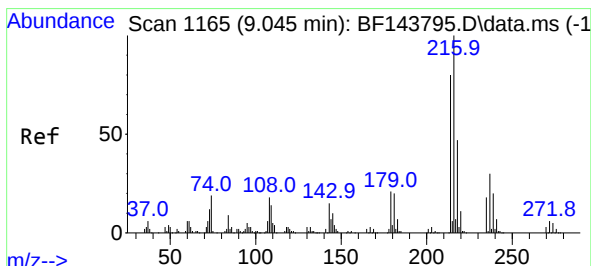
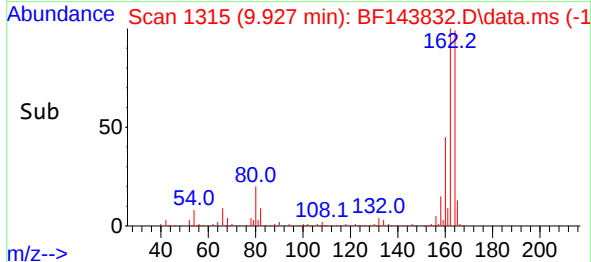
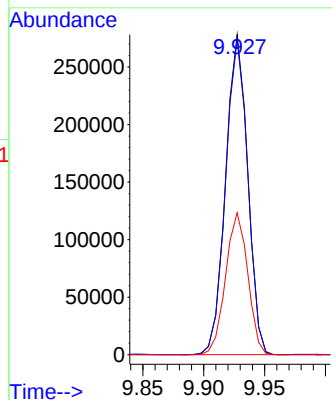
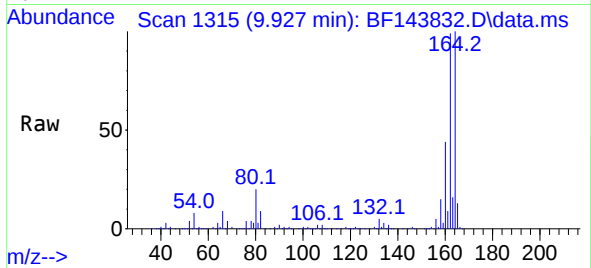




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.927 min Scan# 1165  
Delta R.T. -0.001 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

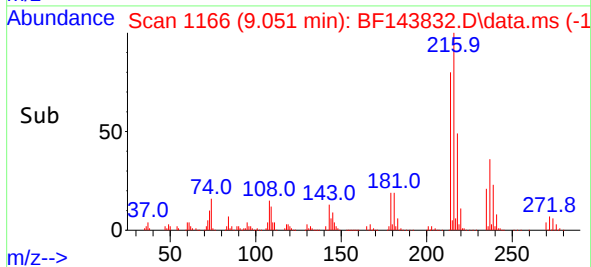
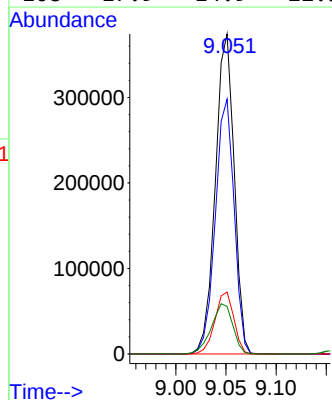
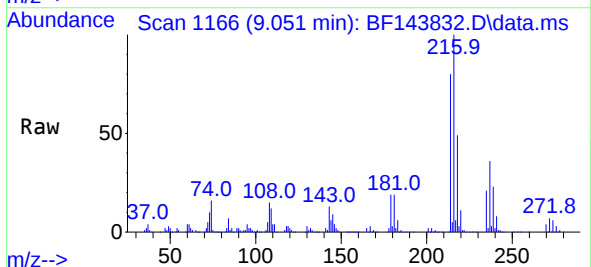
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

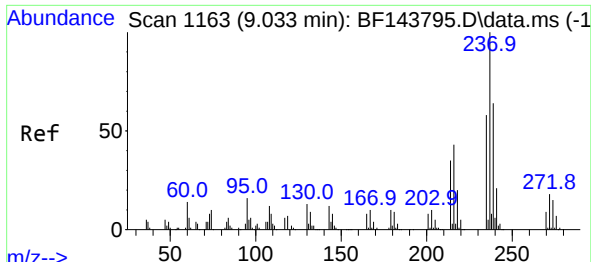
Tgt Ion:164 Resp: 351165  
Ion Ratio Lower Upper  
164 100  
162 98.5 78.8 118.2  
160 44.3 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.102 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:216 Resp: 488569  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.7 95.5  
179 19.5 16.5 24.7  
108 17.9 14.9 22.3

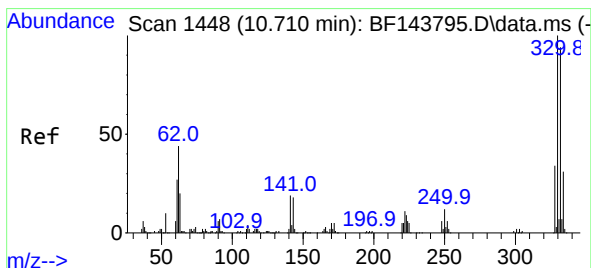
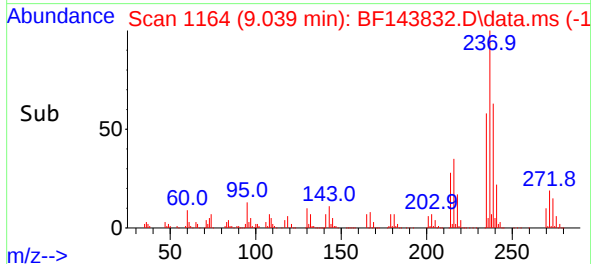
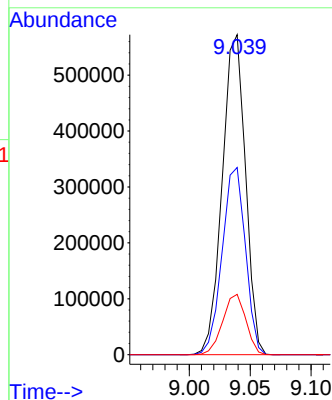
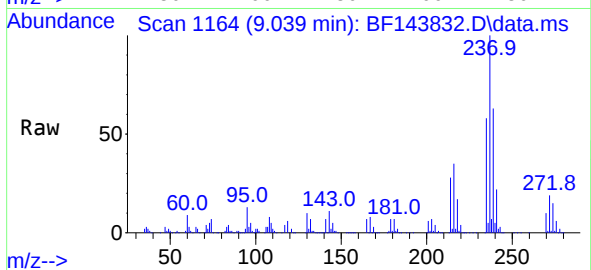




#41  
Hexachlorocyclopentadiene  
Concen: 113.446 ng  
RT: 9.039 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

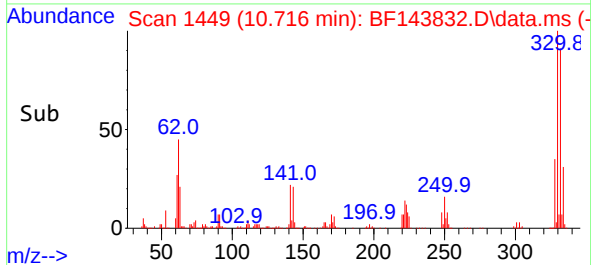
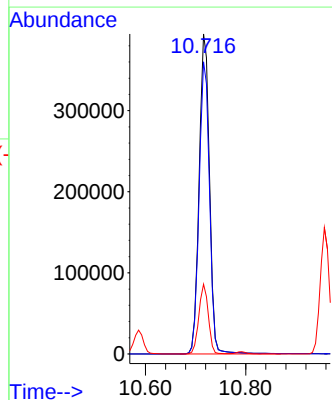
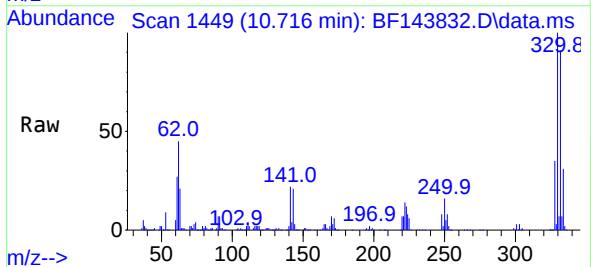
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

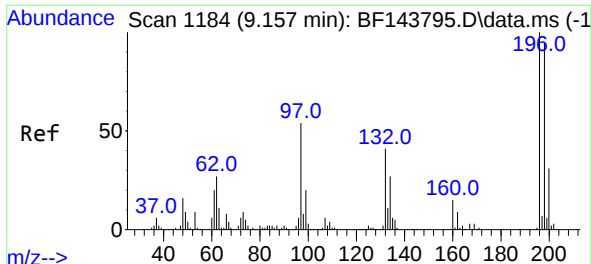
Tgt Ion:237 Resp: 761947  
Ion Ratio Lower Upper  
237 100  
235 58.5 38.1 78.1  
272 18.9 0.0 37.9



#42  
2,4,6-Tribromophenol  
Concen: 108.601 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:330 Resp: 564679  
Ion Ratio Lower Upper  
330 100  
332 92.2 74.7 112.1  
141 19.9 14.3 21.5

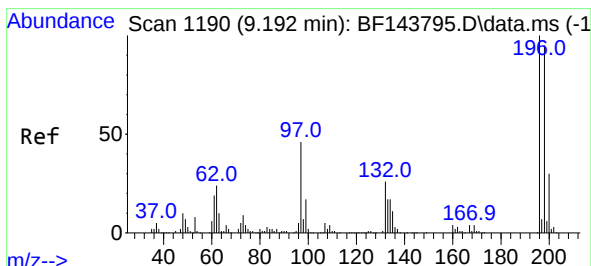
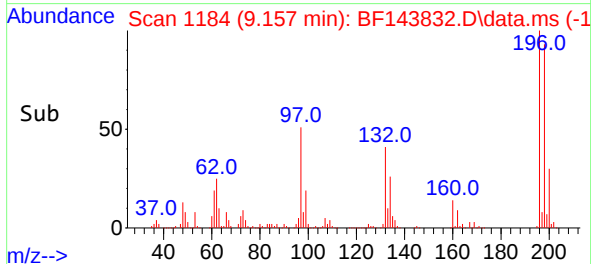
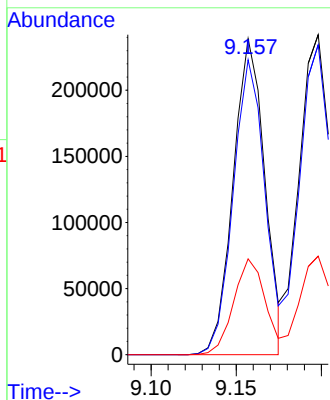
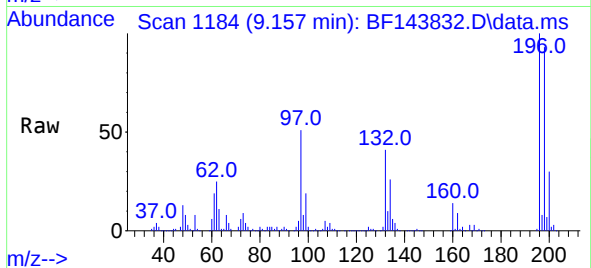




#43  
2,4,6-Trichlorophenol  
Concen: 46.577 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

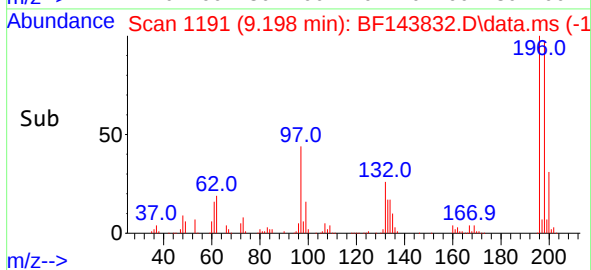
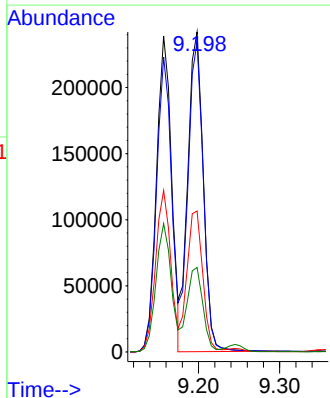
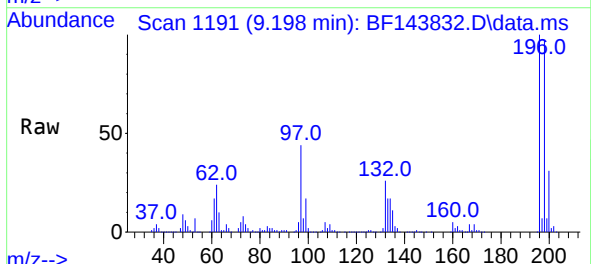
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

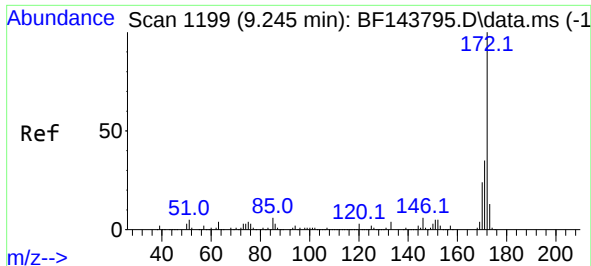
Tgt Ion:196 Resp: 309078  
Ion Ratio Lower Upper  
196 100  
198 93.3 76.2 114.2  
200 30.3 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 46.263 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:196 Resp: 321107  
Ion Ratio Lower Upper  
196 100  
198 96.9 75.9 113.9  
97 44.1 38.3 57.5  
132 26.4 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 78.457 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

PB169880BS

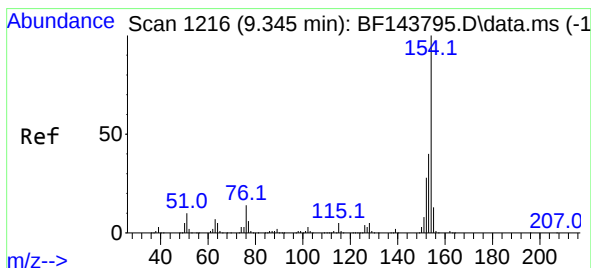
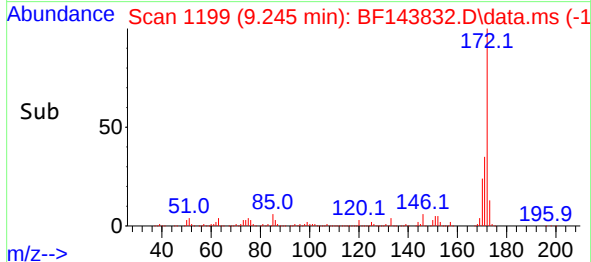
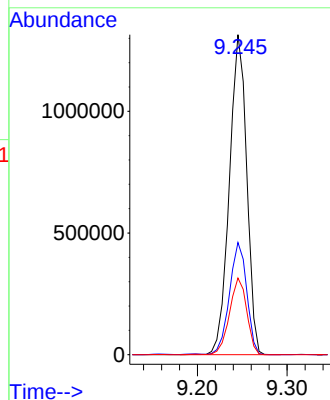
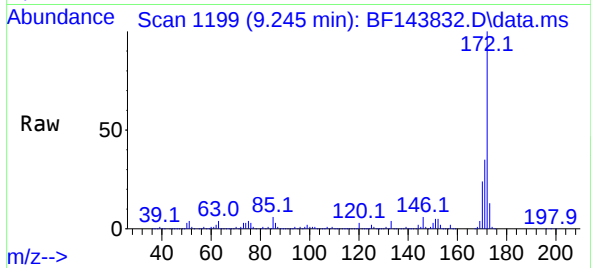
Tgt Ion:172 Resp: 1765547

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.088 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

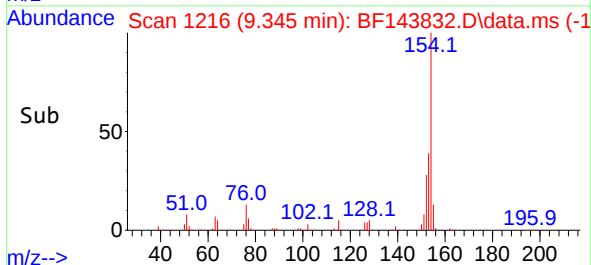
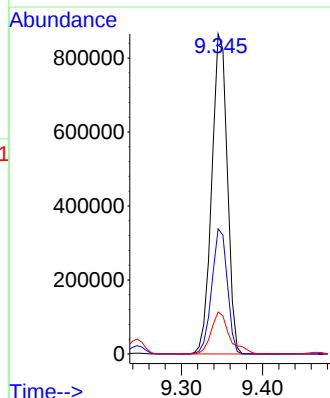
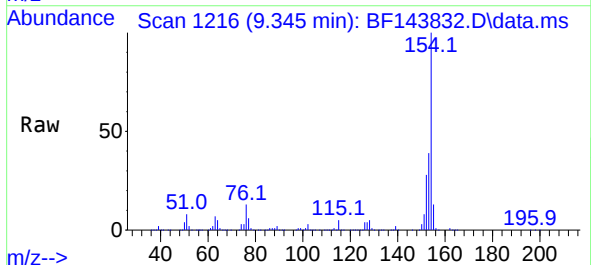
Tgt Ion:154 Resp: 1146137

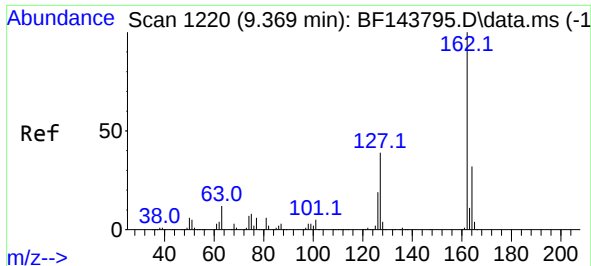
Ion Ratio Lower Upper

154 100

153 39.1 19.7 59.7

76 13.2 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.003 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

PB169880BS

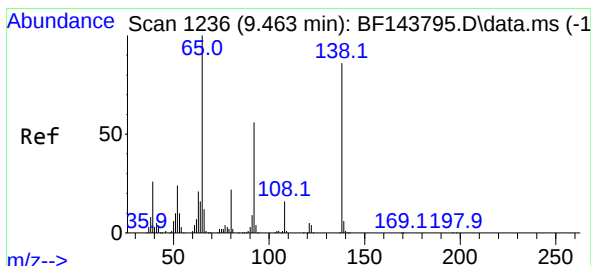
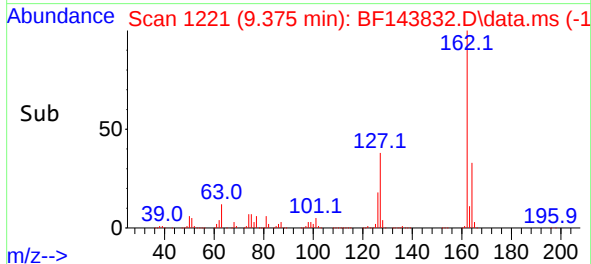
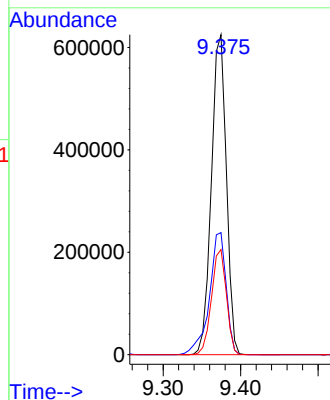
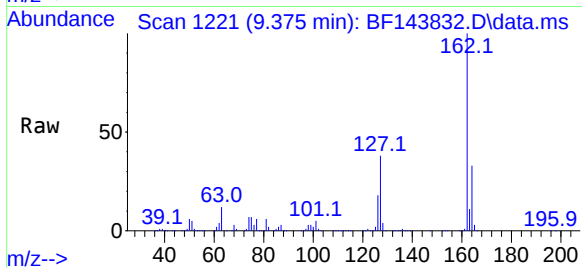
Tgt Ion:162 Resp: 839001

Ion Ratio Lower Upper

162 100

127 38.1 31.5 47.3

164 32.8 25.9 38.9



#48

2-Nitroaniline

Concen: 50.226 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

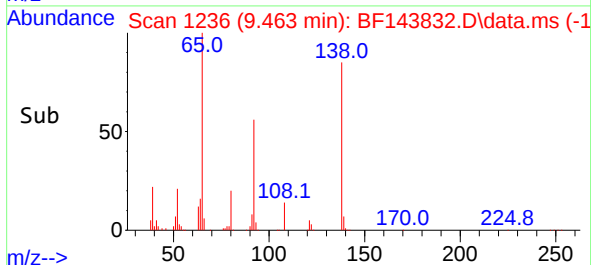
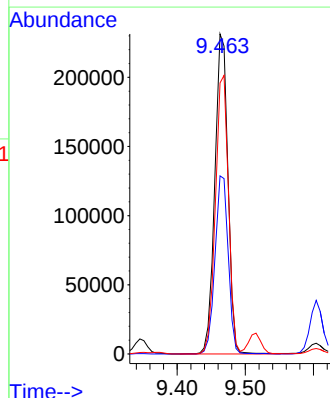
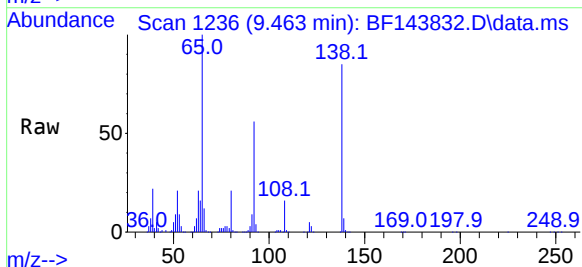
Tgt Ion: 65 Resp: 310613

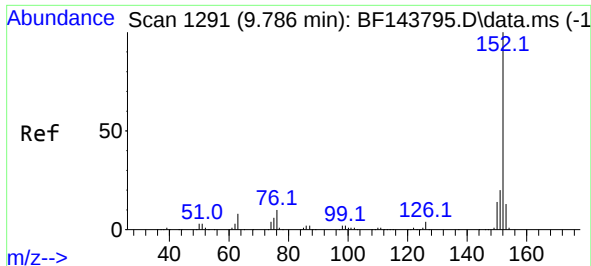
Ion Ratio Lower Upper

65 100

92 55.7 44.9 67.3

138 84.7 69.0 103.4





#49

Acenaphthylene

Concen: 47.508 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

PB169880BS

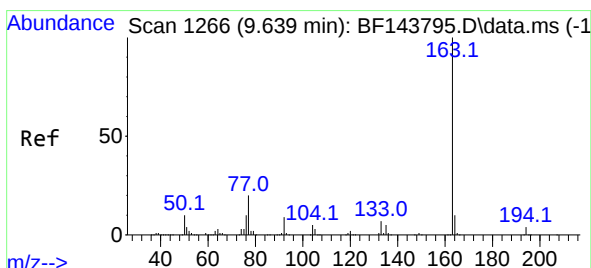
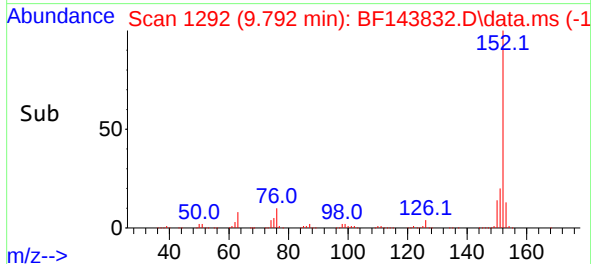
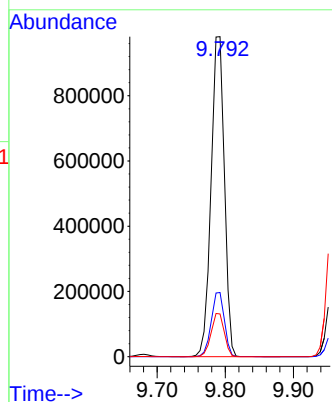
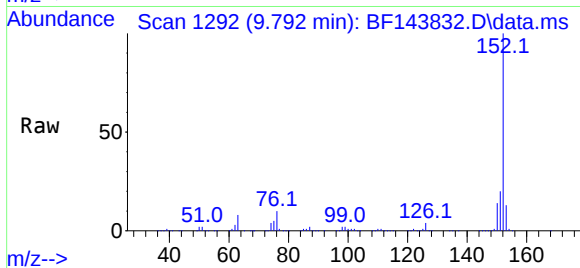
Tgt Ion:152 Resp: 1338221

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.170 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143832.D

Acq: 30 Sep 2025 14:34

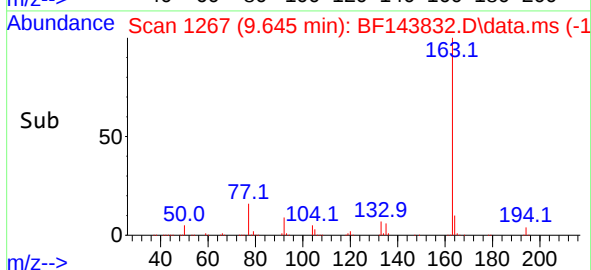
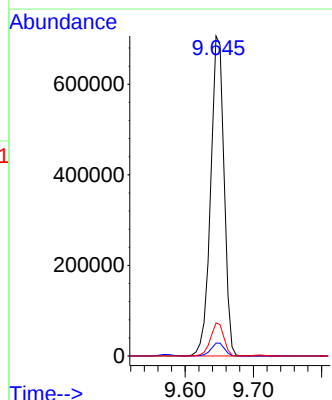
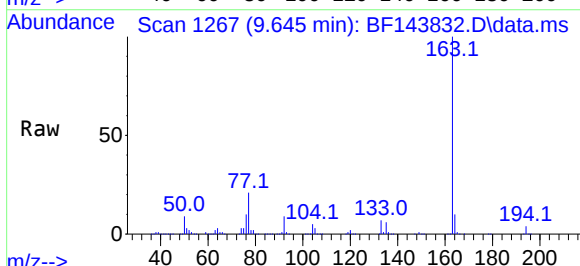
Tgt Ion:163 Resp: 966787

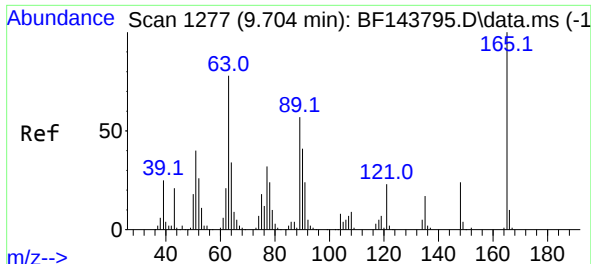
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.2

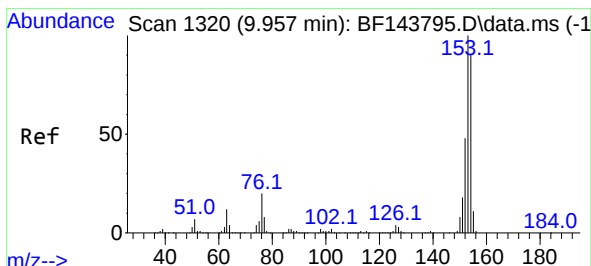
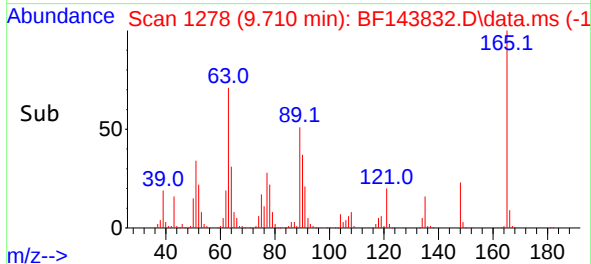
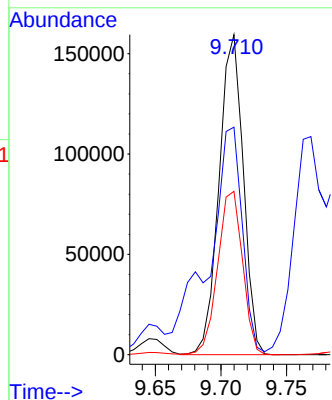
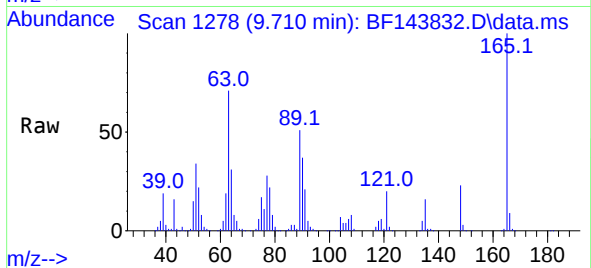




#51  
2,6-Dinitrotoluene  
Concen: 58.158 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

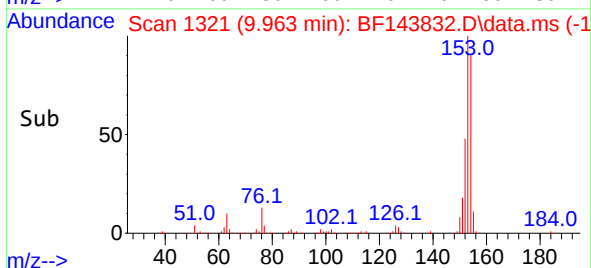
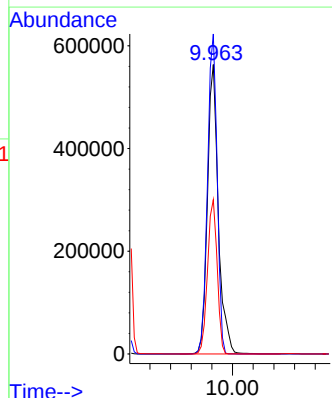
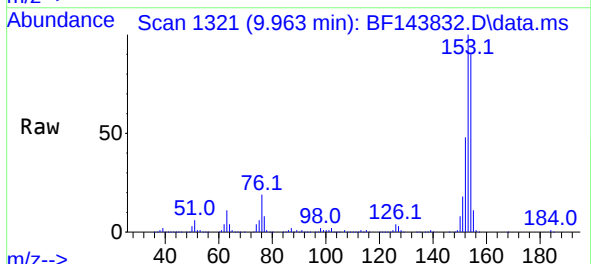
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

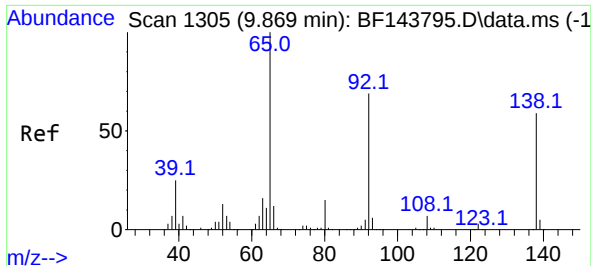
Tgt Ion:165 Resp: 204518  
Ion Ratio Lower Upper  
165 100  
63 71.1 62.6 94.0  
89 51.1 45.2 67.8



#52  
Acenaphthene  
Concen: 44.507 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:154 Resp: 825025  
Ion Ratio Lower Upper  
154 100  
153 110.5 88.7 133.1  
152 53.3 42.7 64.1

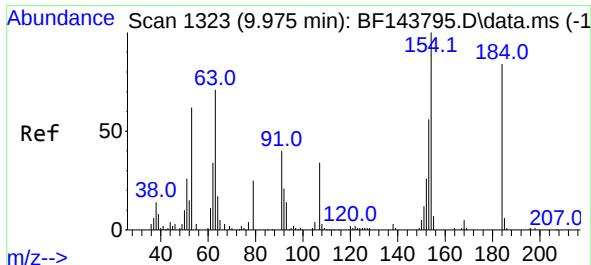
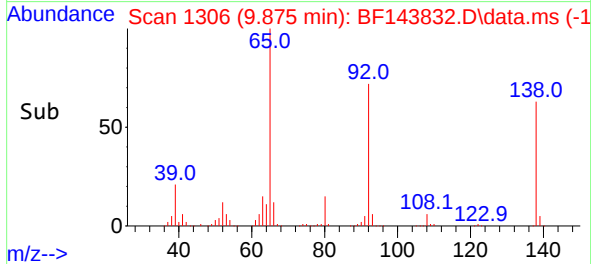
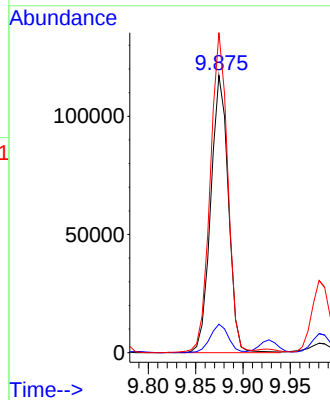
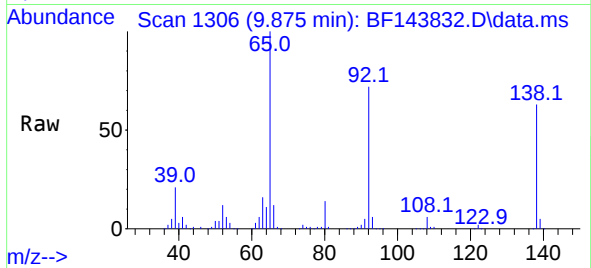




#53  
3-Nitroaniline  
Concen: 35.469 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

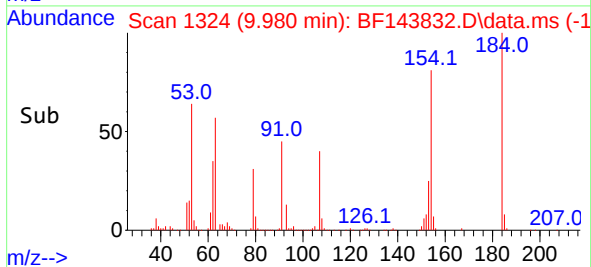
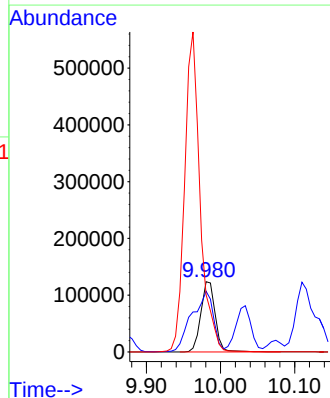
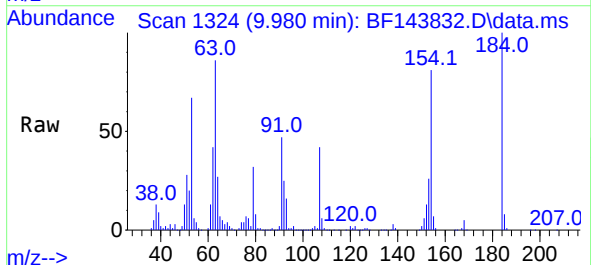
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

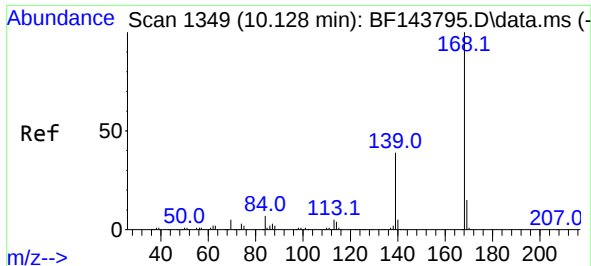
Tgt Ion:138 Resp: 151187  
Ion Ratio Lower Upper  
138 100  
108 10.3 9.9 14.9  
92 115.4 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 97.461 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.005 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:184 Resp: 166819  
Ion Ratio Lower Upper  
184 100  
63 86.3 84.6 127.0  
154 81.3 199.3 298.9#

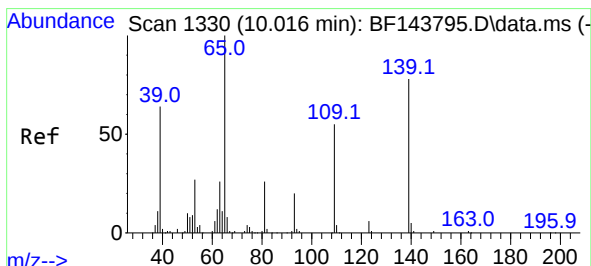
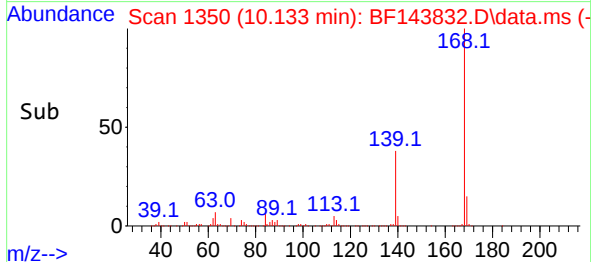
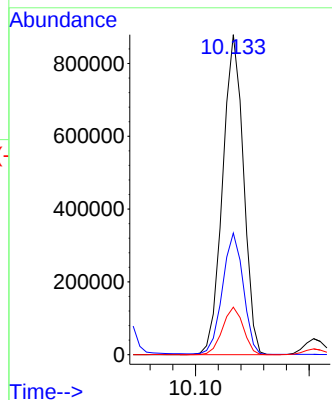
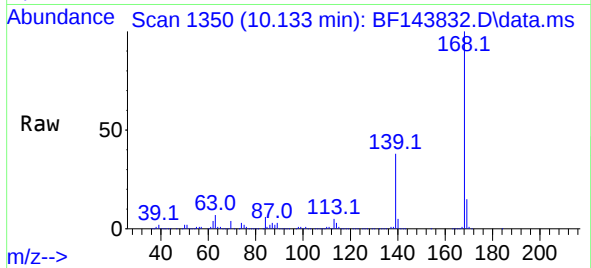




#55  
Dibenzenofuran  
Concen: 42.806 ng  
RT: 10.133 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

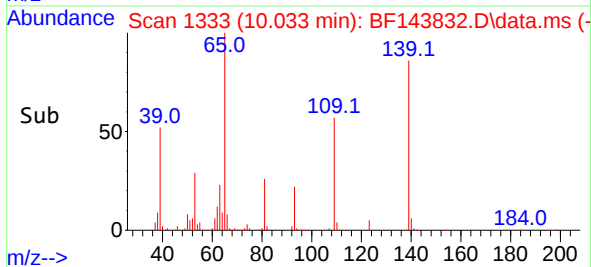
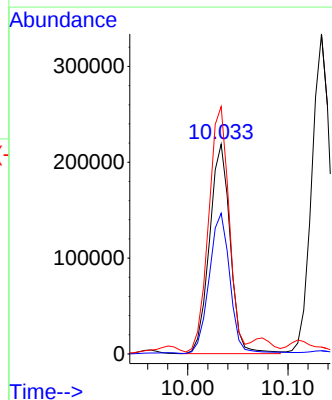
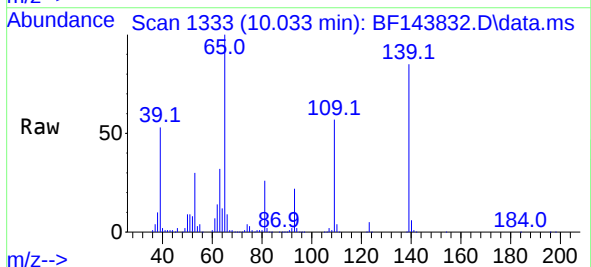
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

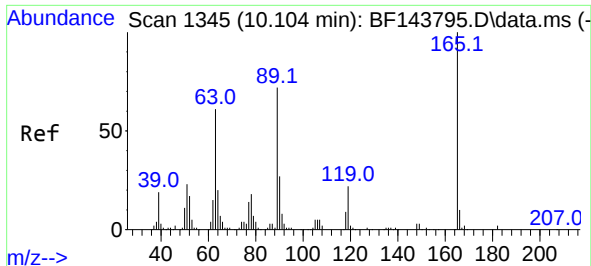
Tgt Ion:168 Resp: 1122052  
Ion Ratio Lower Upper  
168 100  
139 38.0 31.0 46.6  
169 14.9 11.9 17.9



#56  
4-Nitrophenol  
Concen: 91.386 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. 0.012 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

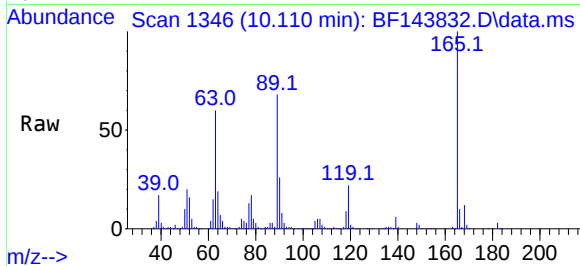
Tgt Ion:139 Resp: 313904  
Ion Ratio Lower Upper  
139 100  
109 67.0 50.2 90.2  
65 117.9 109.2 149.2



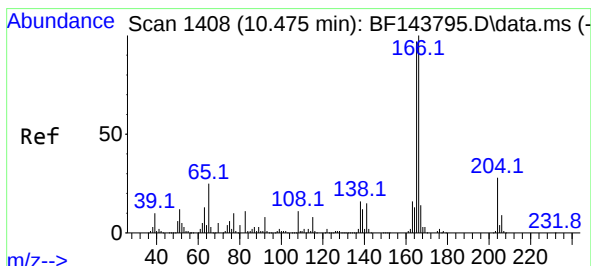
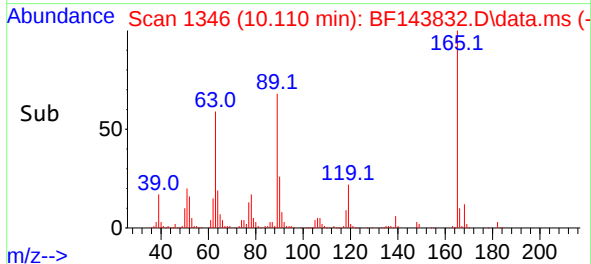
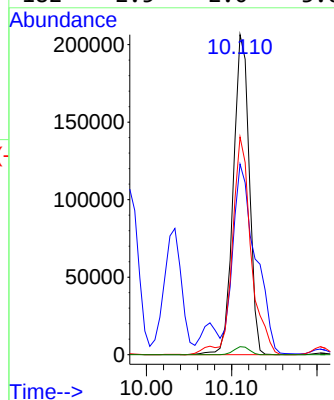


#57  
2,4-Dinitrotoluene  
Concen: 51.233 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

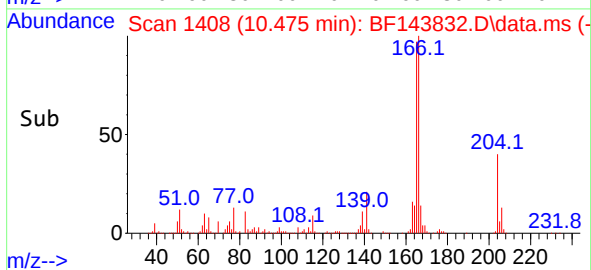
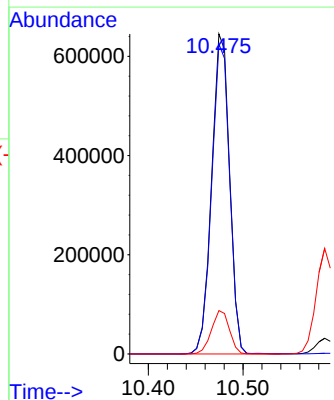
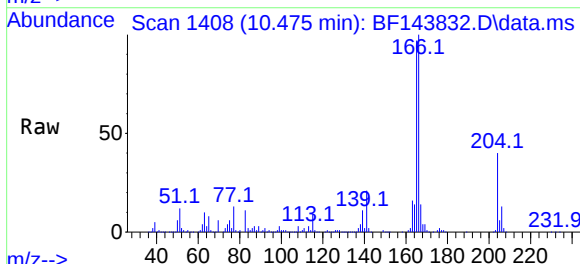


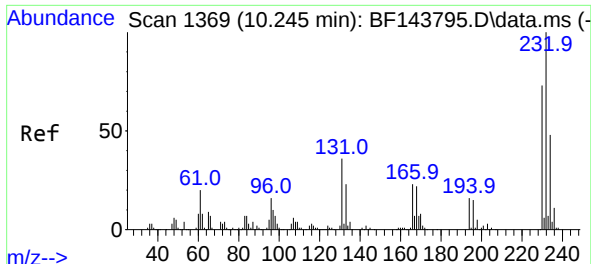
Tgt Ion:165 Resp: 268510  
Ion Ratio Lower Upper  
165 100  
63 59.5 48.9 73.3  
89 68.1 57.5 86.3  
182 2.5 2.0 3.0



#58  
Fluorene  
Concen: 43.683 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:166 Resp: 851254  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.0 117.0  
167 13.6 10.9 16.3

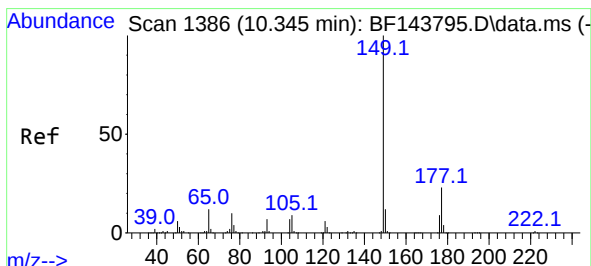
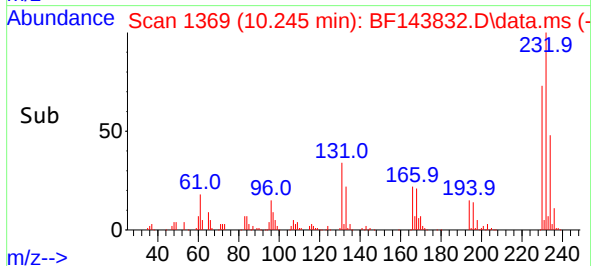
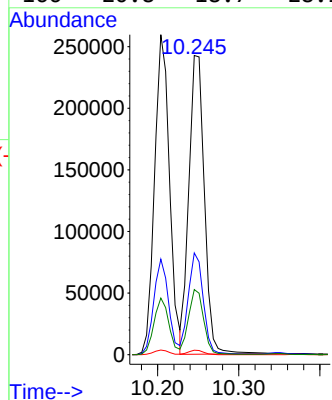
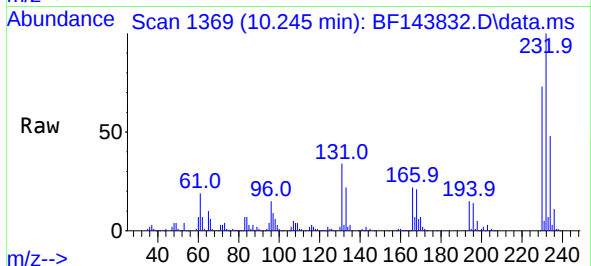




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.381 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

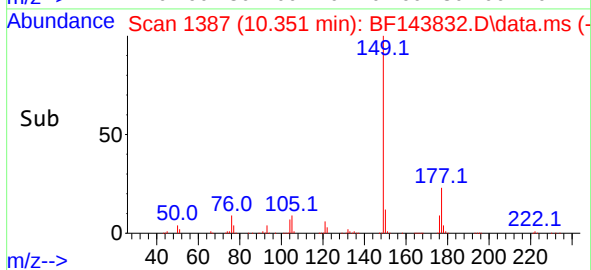
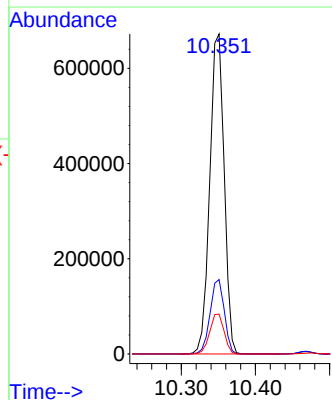
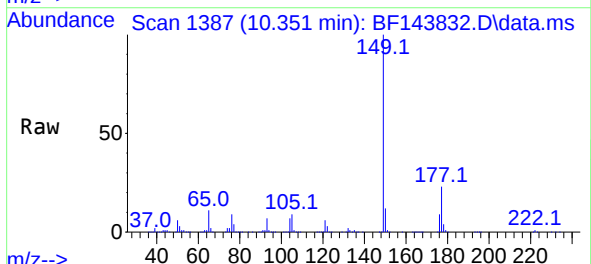
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

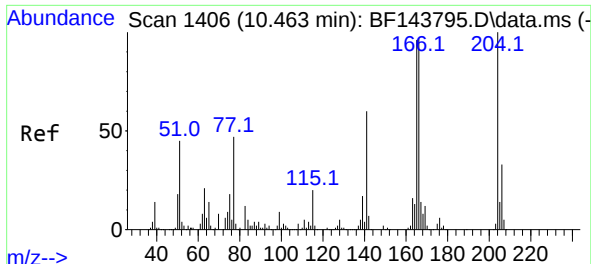
Tgt Ion:232 Resp: 323356  
Ion Ratio Lower Upper  
232 100  
131 32.9 29.4 44.2  
130 1.5 1.3 1.9  
166 20.8 18.7 28.1



#60  
Diethylphthalate  
Concen: 45.311 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:149 Resp: 907832  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.1 27.1  
150 12.4 9.7 14.5

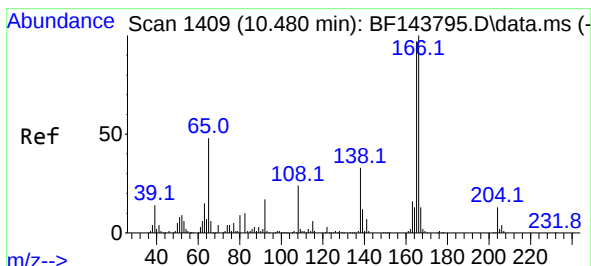
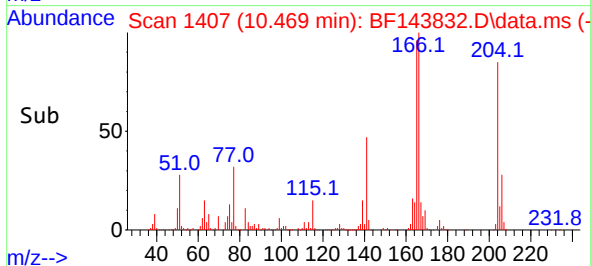
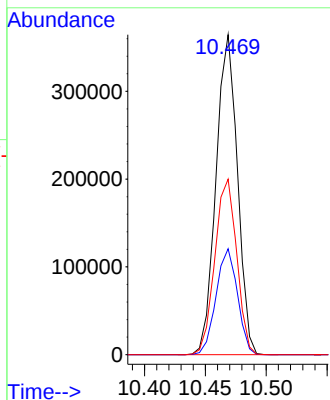
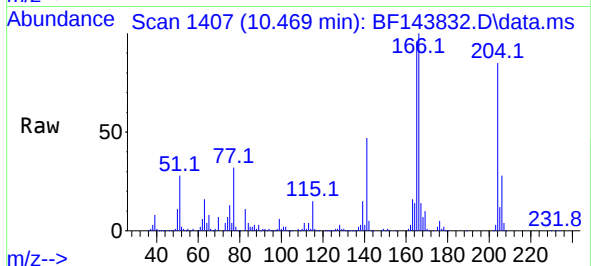




#61  
4-Chlorophenyl-phenylether  
Concen: 45.023 ng  
RT: 10.469 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

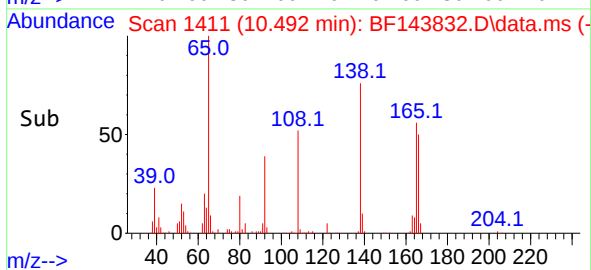
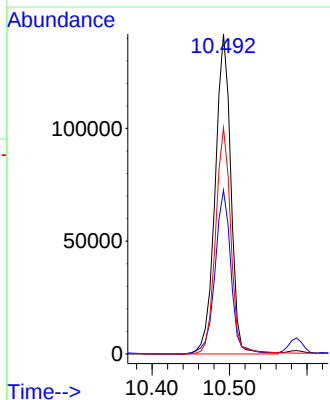
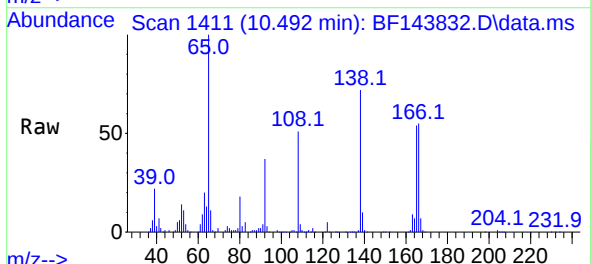
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

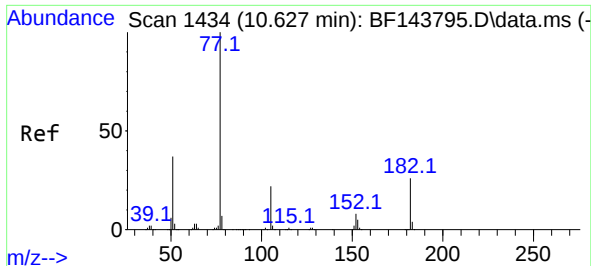
Tgt Ion:204 Resp: 447042  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.7 40.1  
141 54.8 48.2 72.2



#62  
4-Nitroaniline  
Concen: 49.739 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:138 Resp: 199352  
Ion Ratio Lower Upper  
138 100  
92 51.2 31.5 71.5  
108 70.6 51.9 91.9

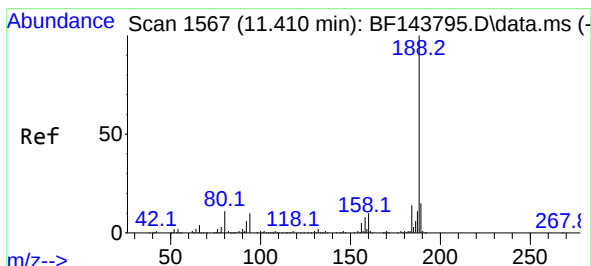
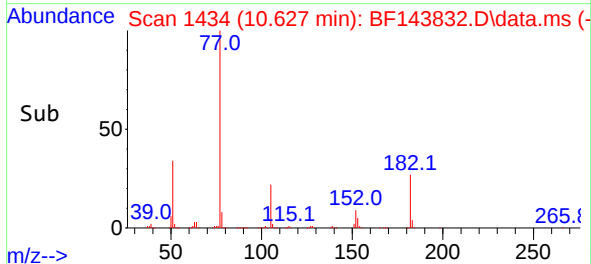
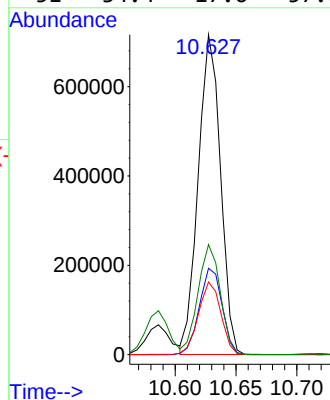
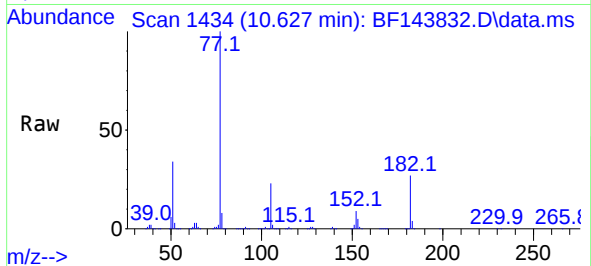




#63  
Azobenzene  
Concen: 43.249 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

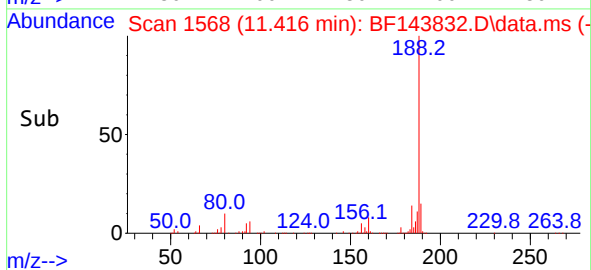
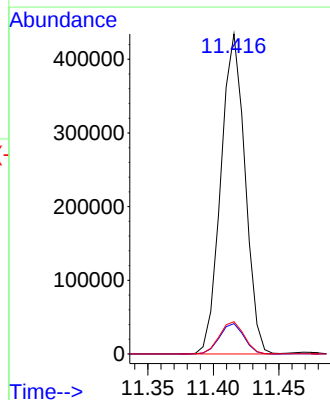
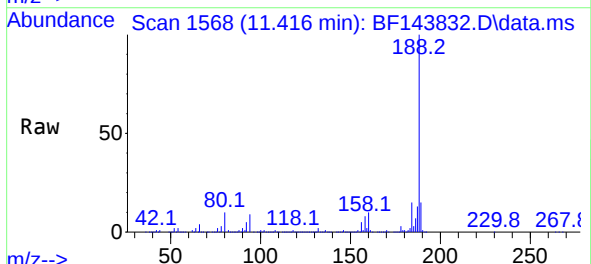
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

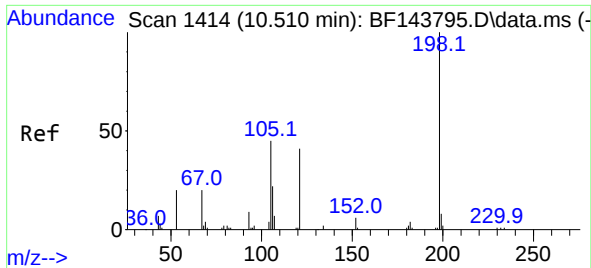
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 913219 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.0    | 5.9 45.9     |
| 105 22.7    | 2.3 42.3     |
| 51 34.4     | 17.6 57.6    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 557066 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 9.5      | 8.2          | 12.2  |  |
| 80 10.1     | 8.6          | 12.8  |  |

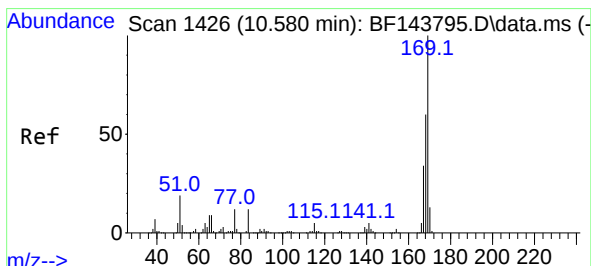
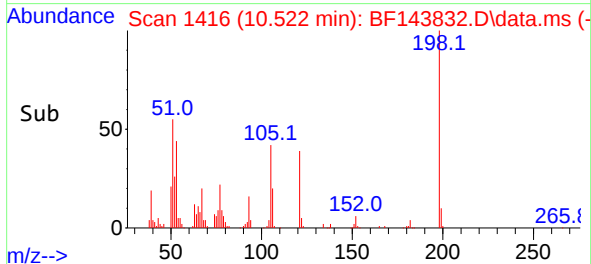
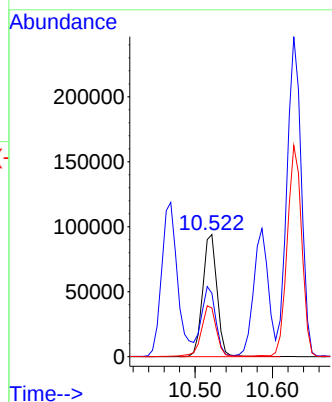
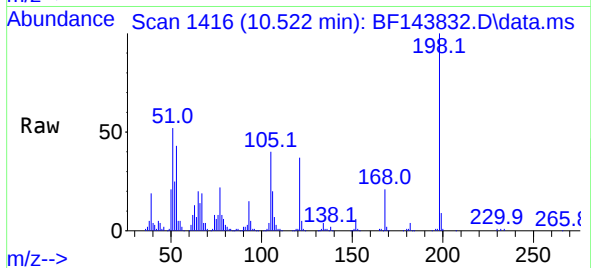




#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.270 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

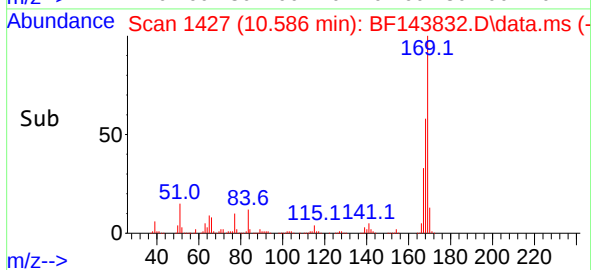
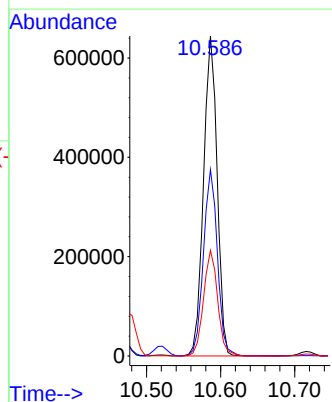
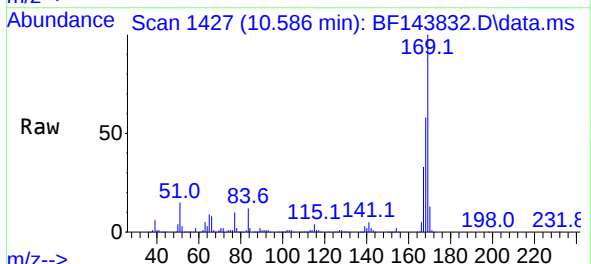
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

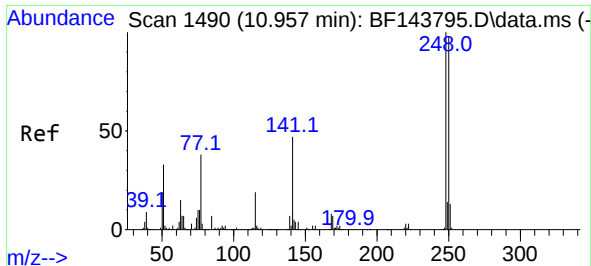
Tgt Ion:198 Resp: 120529  
Ion Ratio Lower Upper  
198 100  
51 52.1 52.0 92.0  
105 39.8 27.5 67.5



#66  
n-Nitrosodiphenylamine  
Concen: 44.956 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:169 Resp: 823601  
Ion Ratio Lower Upper  
169 100  
168 58.3 47.9 71.9  
167 33.0 27.0 40.6

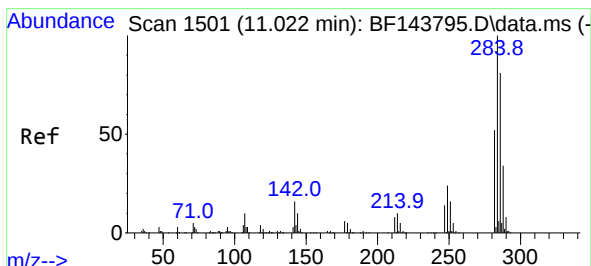
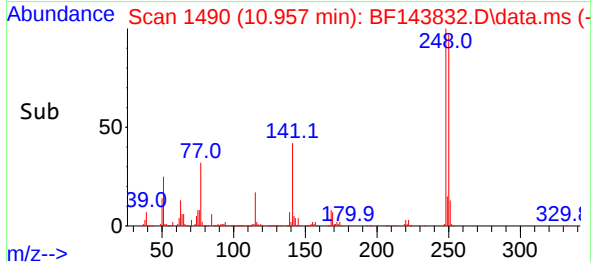
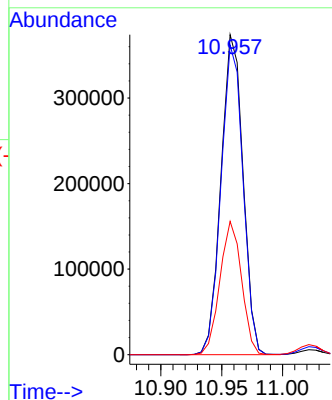
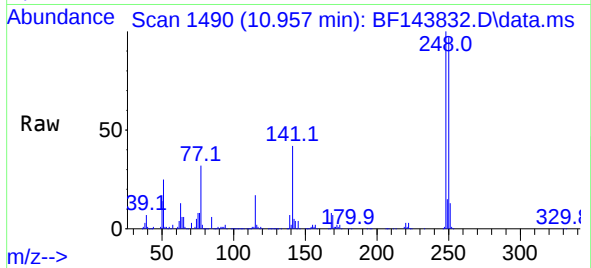




#67  
4-Bromophenyl-phenylether  
Concen: 49.607 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

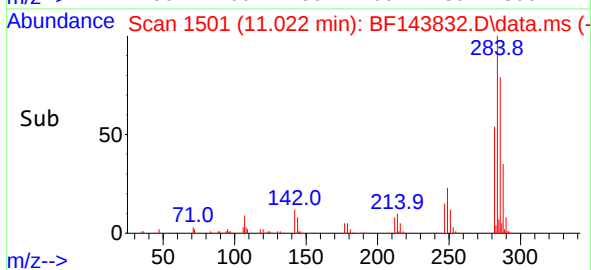
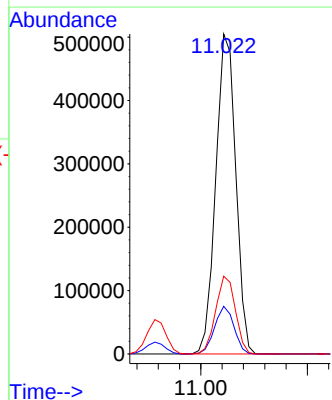
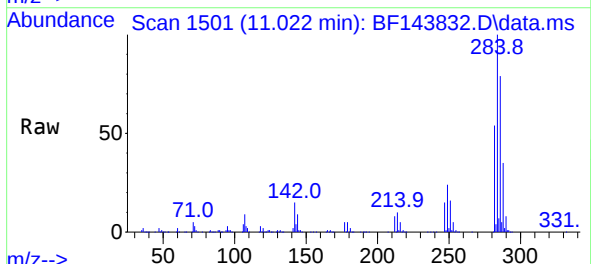
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

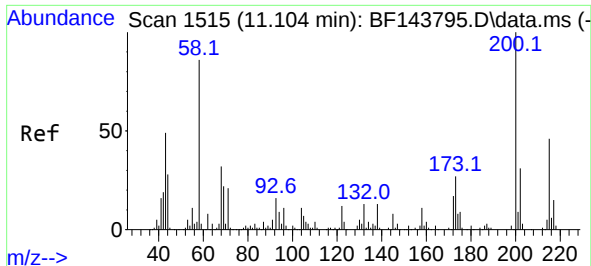
Tgt Ion:248 Resp: 470941  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.7 118.1  
141 41.7 37.9 56.9



#68  
Hexachlorobenzene  
Concen: 50.132 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:284 Resp: 655868  
Ion Ratio Lower Upper  
284 100  
142 14.9 13.1 19.7  
249 24.3 19.5 29.3

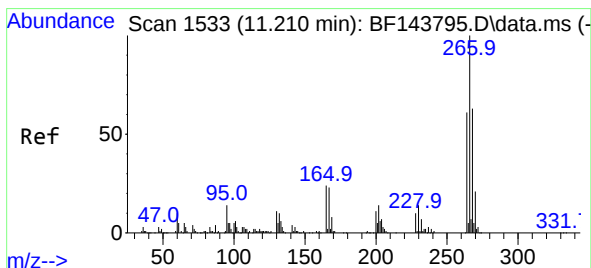
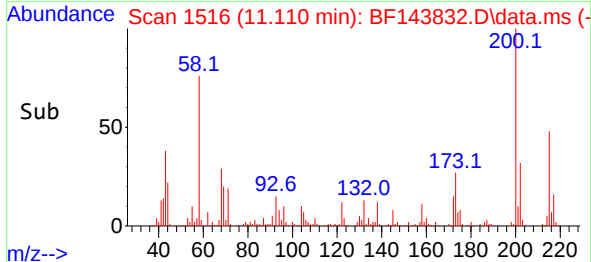
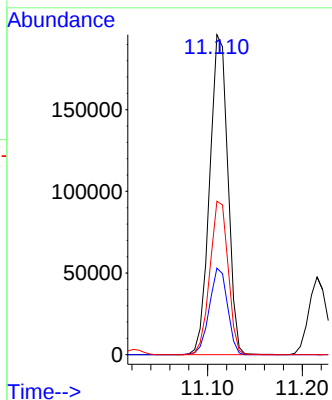
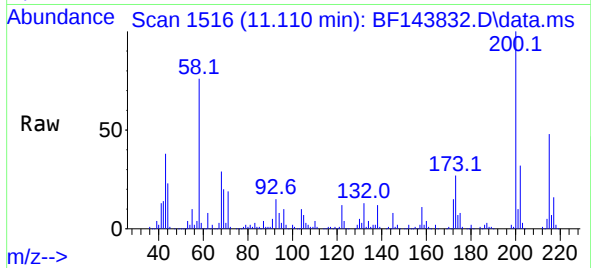




#69  
Atrazine  
Concen: 49.132 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

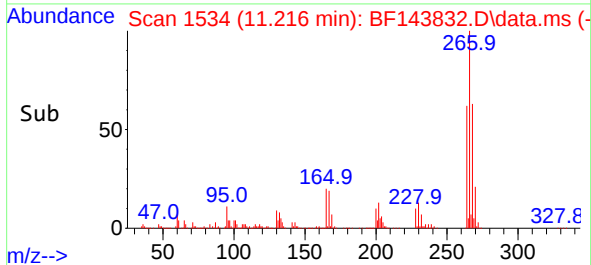
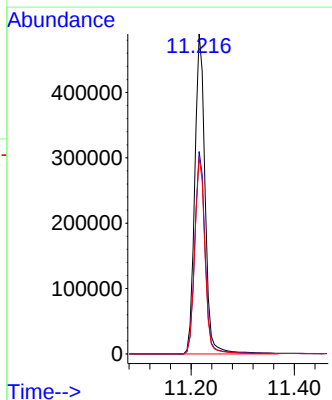
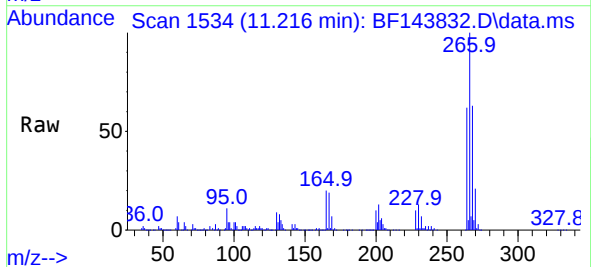
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

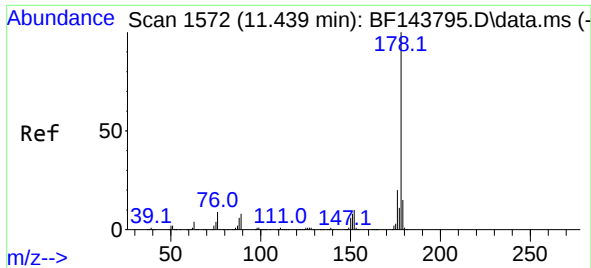
Tgt Ion:200 Resp: 260652  
Ion Ratio Lower Upper  
200 100  
173 27.1 7.2 47.2  
215 47.9 26.0 66.0



#70  
Pentachlorophenol  
Concen: 104.047 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:266 Resp: 677583  
Ion Ratio Lower Upper  
266 100  
268 63.2 50.5 75.7  
264 61.7 48.8 73.2

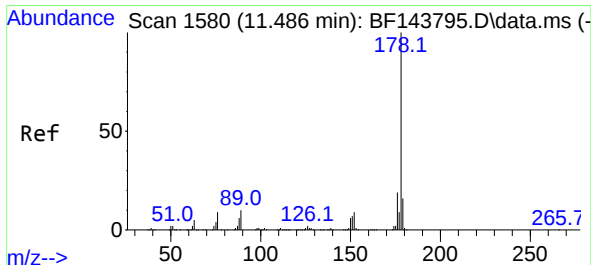
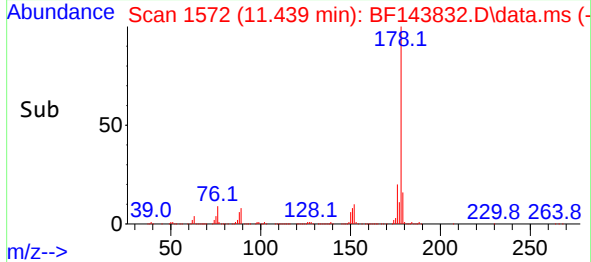
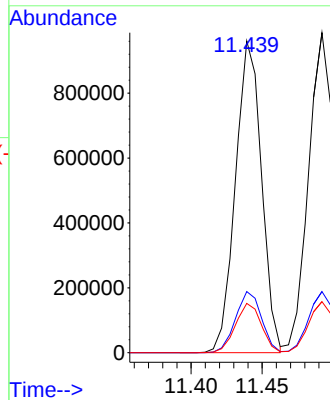
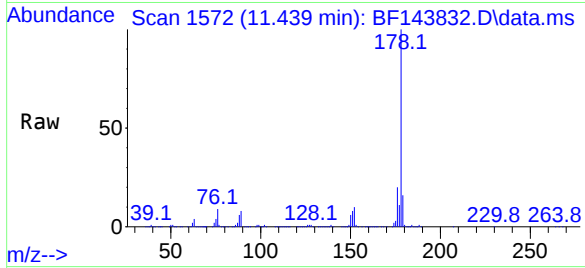




#71  
Phenanthrene  
Concen: 42.930 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

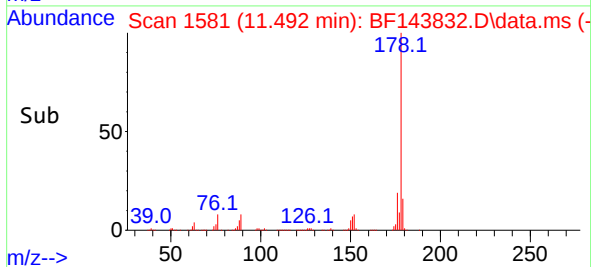
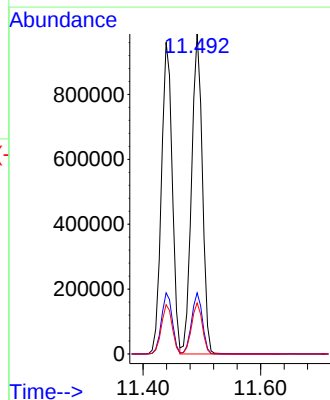
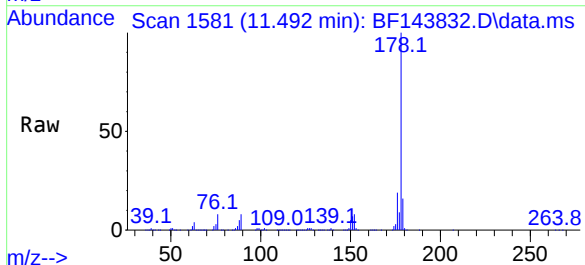
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

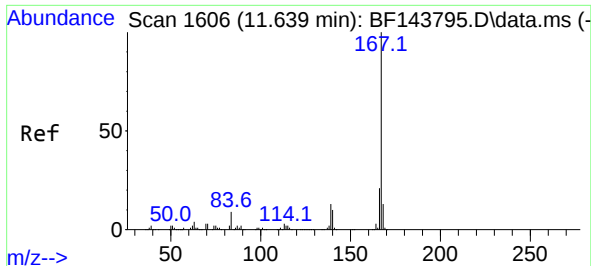
Tgt Ion:178 Resp: 1227780  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.8 12.2 18.4



#72  
Anthracene  
Concen: 43.737 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:178 Resp: 1254719  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.9 12.8 19.2

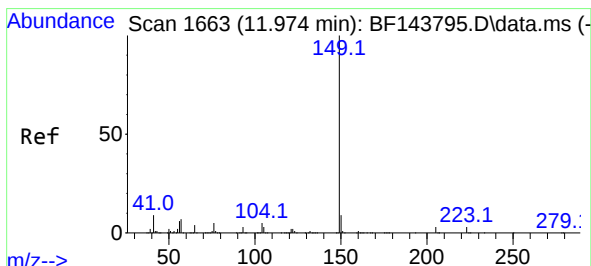
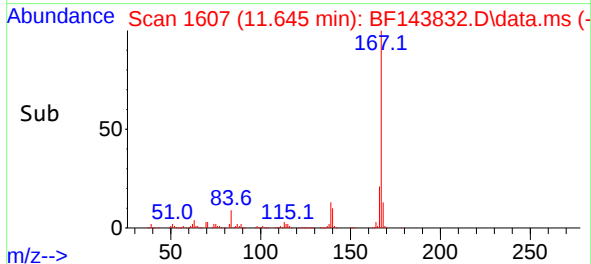
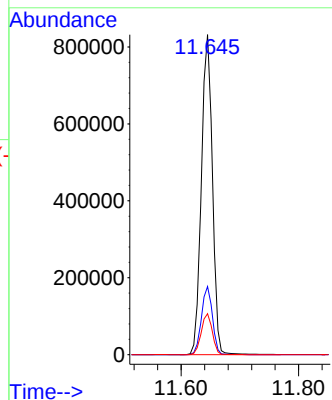
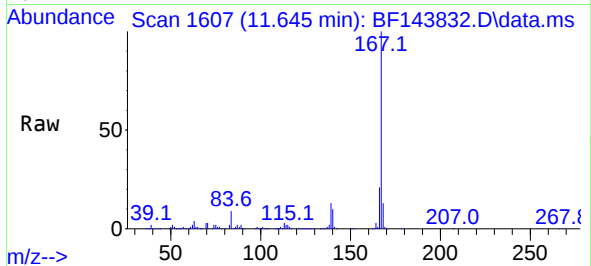




#73  
Carbazole  
Concen: 43.182 ng  
RT: 11.645 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

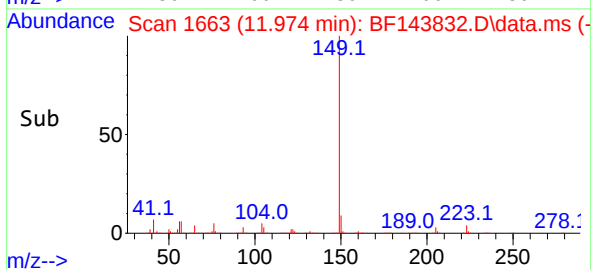
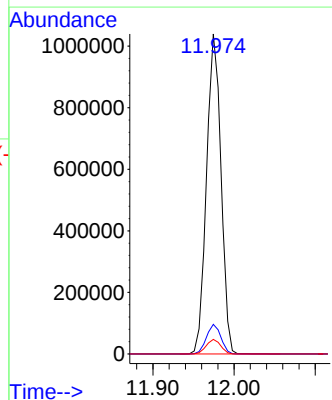
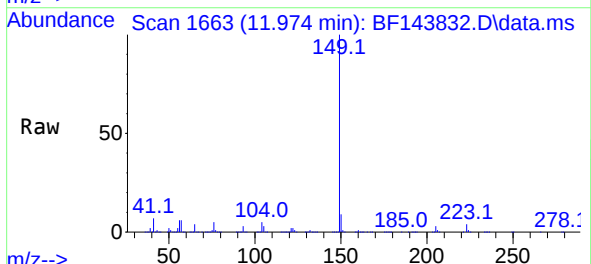
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

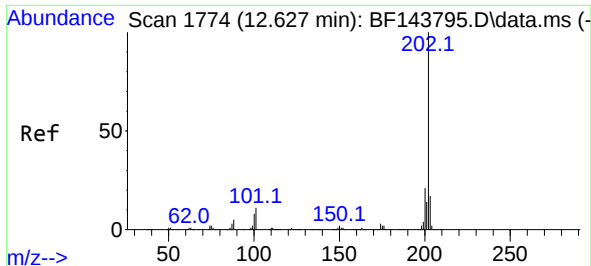
Tgt Ion:167 Resp: 1083105  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.0 25.4  
139 12.8 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 44.508 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:149 Resp: 1283897  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.3 10.9  
104 4.6 3.6 5.4



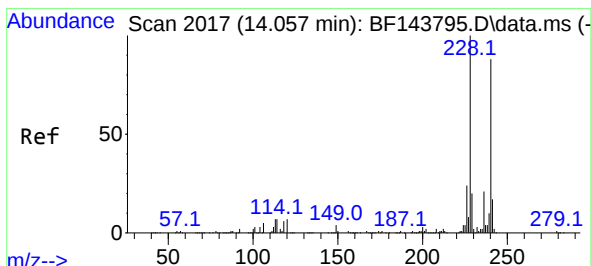
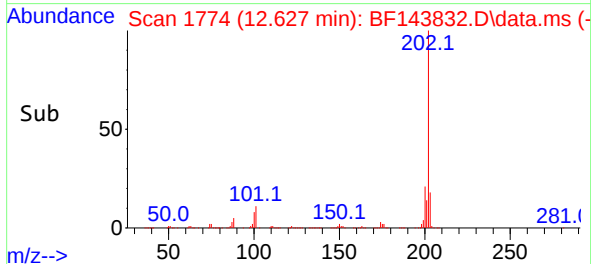
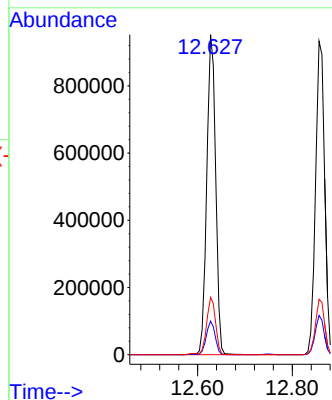
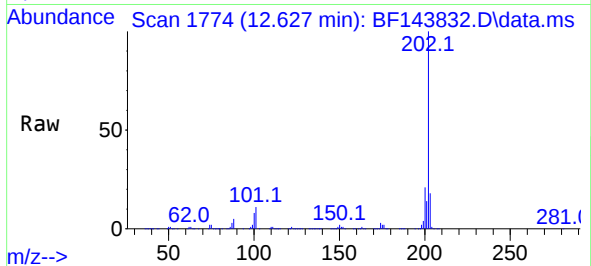


#75  
Fluoranthene  
Concen: 43.032 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

Tgt Ion:202 Resp: 1237804

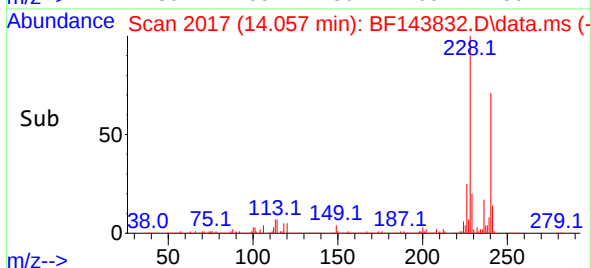
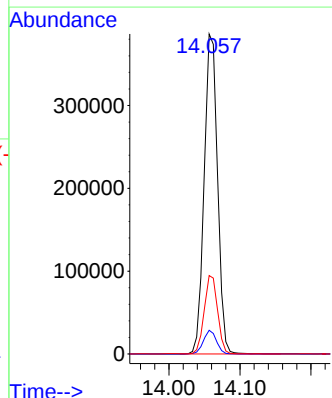
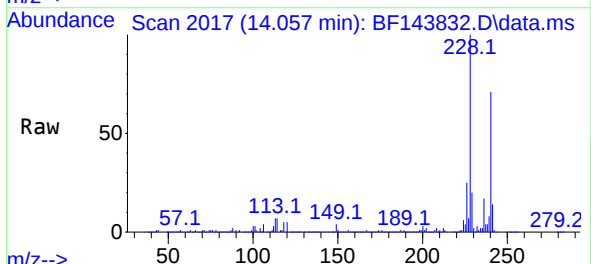
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.5  | 0.0   | 31.1  |
| 203 | 17.9  | 0.0   | 37.4  |

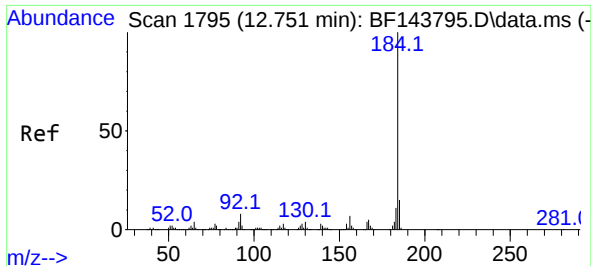


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:240 Resp: 507394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.4   | 6.2   | 9.4   |
| 236 | 24.5  | 19.4  | 29.2  |

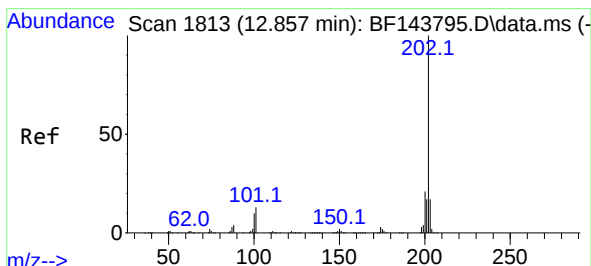
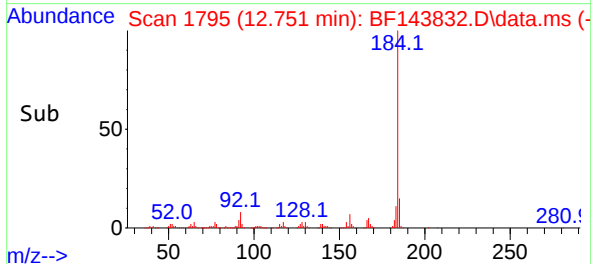
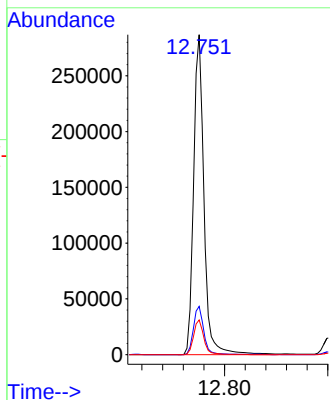
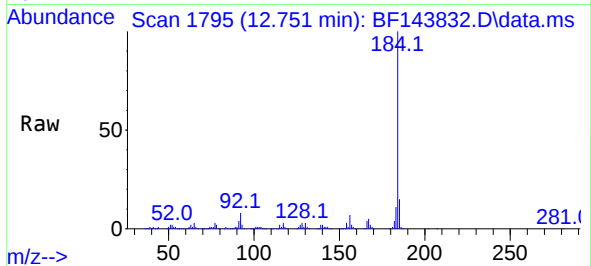




#77  
Benzidine  
Concen: 32.285 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

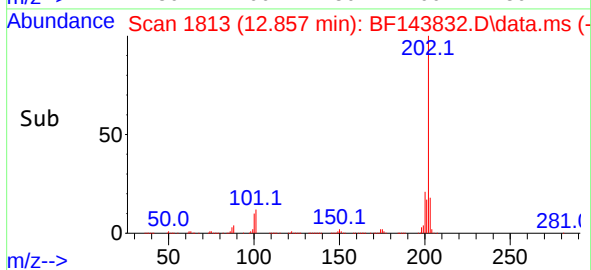
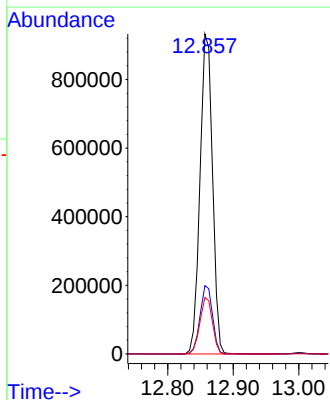
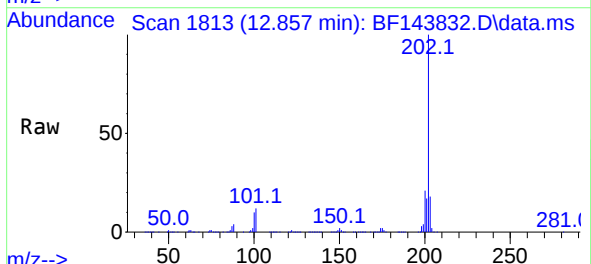
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

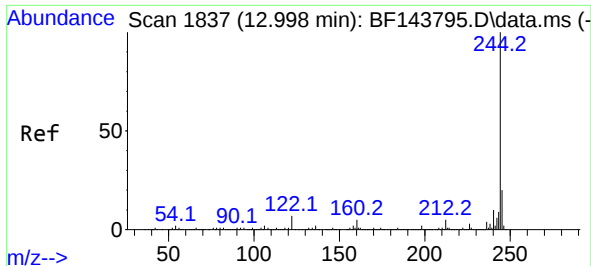
Tgt Ion:184 Resp: 399172  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.6 17.4  
183 10.8 8.6 13.0



#78  
Pyrene  
Concen: 49.680 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:202 Resp: 1239293  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.4  
203 17.6 13.9 20.9

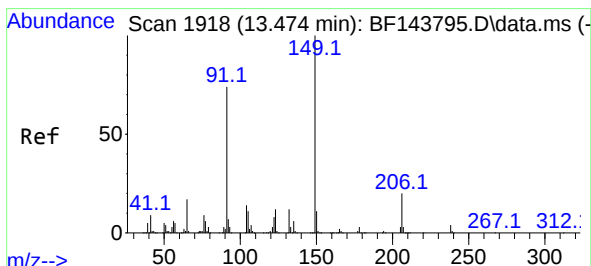
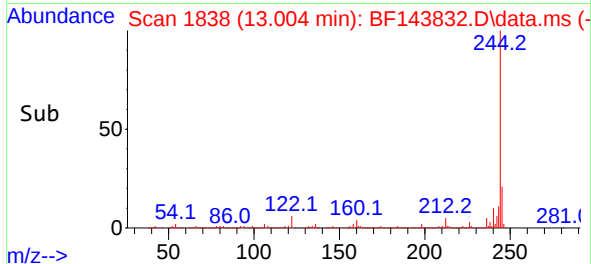
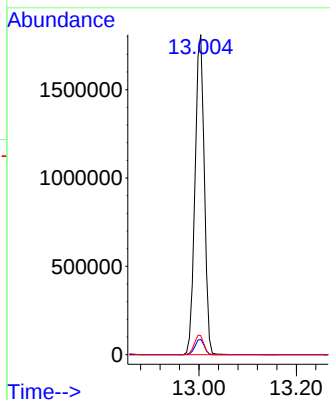
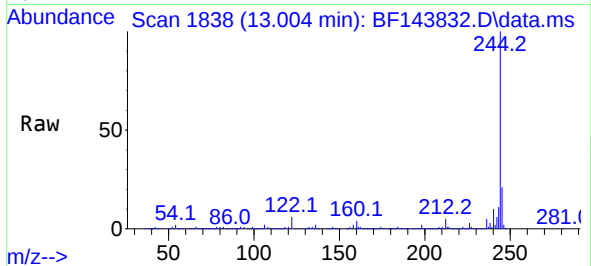




#79  
 Terphenyl-d14  
 Concen: 96.788 ng  
 RT: 13.004 min Scan# 1837  
 Delta R.T. -0.000 min  
 Lab File: BF143832.D  
 Acq: 30 Sep 2025 14:34

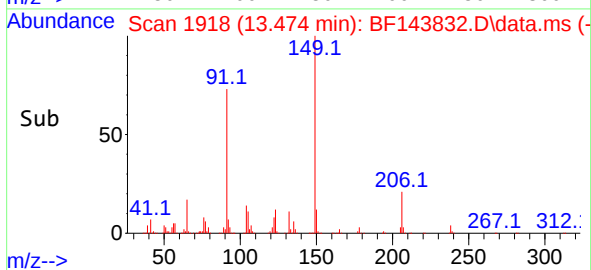
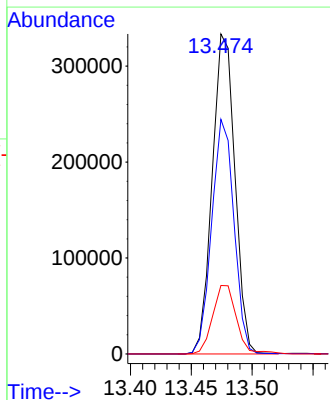
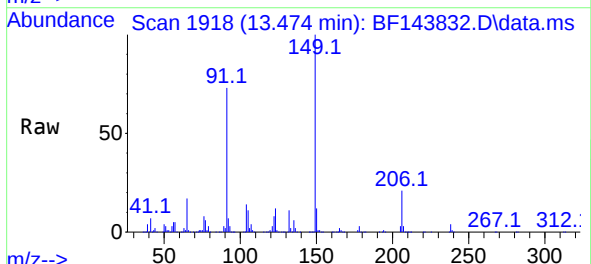
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169880BS

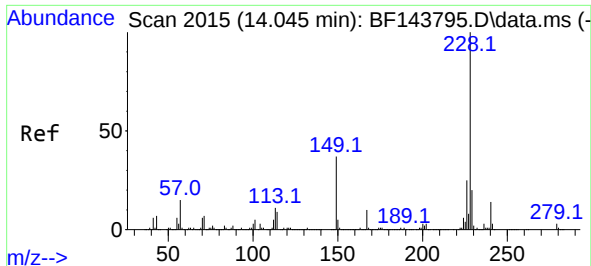
Tgt Ion:244 Resp: 2414733  
 Ion Ratio Lower Upper  
 244 100  
 212 4.8 3.9 5.9  
 122 6.0 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 50.118 ng  
 RT: 13.474 min Scan# 1918  
 Delta R.T. -0.006 min  
 Lab File: BF143832.D  
 Acq: 30 Sep 2025 14:34

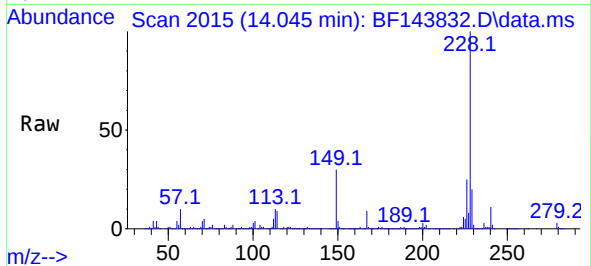
Tgt Ion:149 Resp: 432539  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 59.5 89.3  
 206 21.4 16.1 24.1



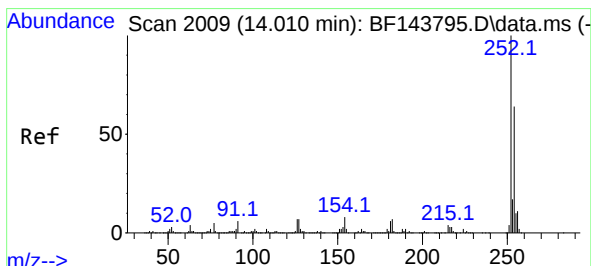
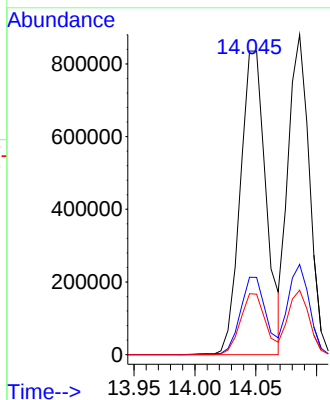
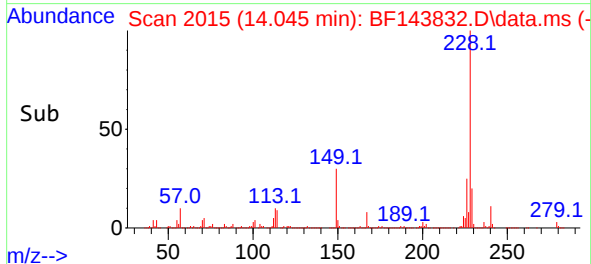


#81  
Benzo(a)anthracene  
Concen: 45.270 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

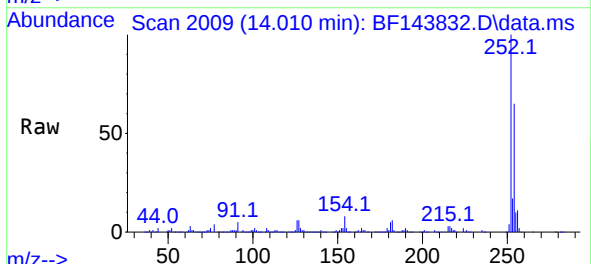
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS



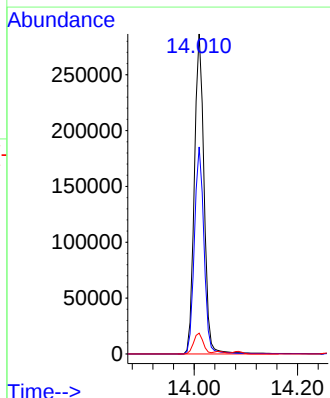
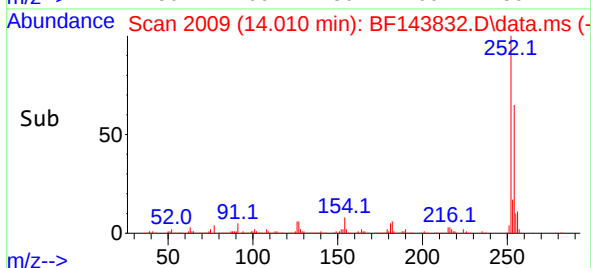
Tgt Ion:228 Resp: 1233967  
Ion Ratio Lower Upper  
228 100  
226 25.5 20.2 30.2  
229 20.1 16.1 24.1

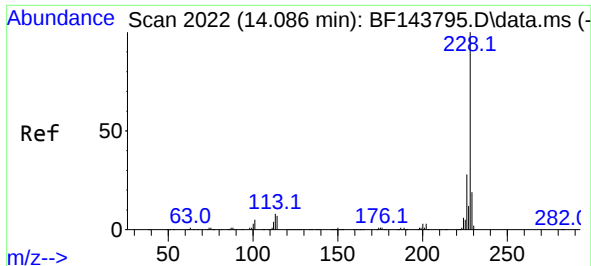


#82  
3,3'-Dichlorobenzidine  
Concen: 31.573 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34



Tgt Ion:252 Resp: 372840  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.5 77.3  
126 6.5 5.4 8.2

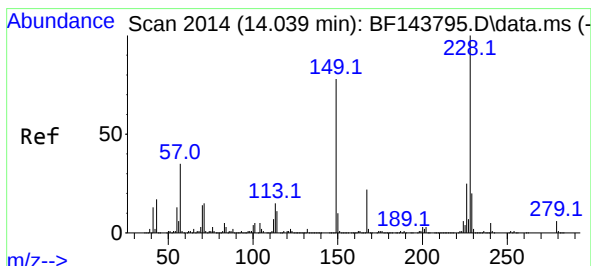
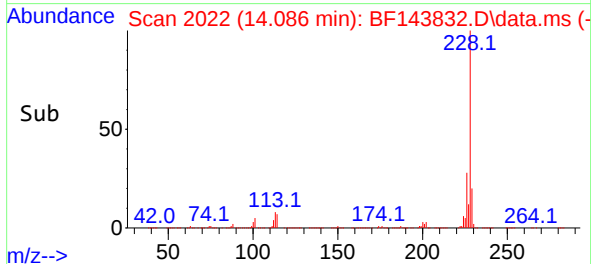
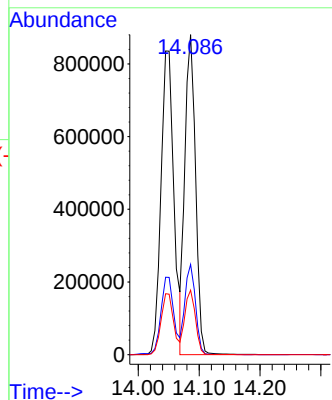
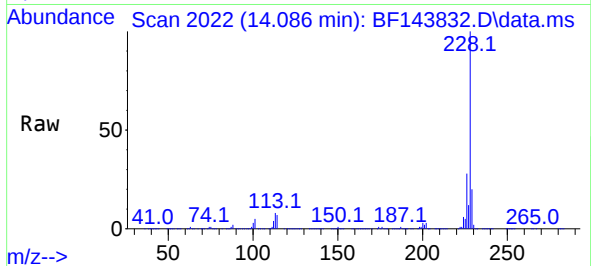




#83  
Chrysene  
Concen: 43.474 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

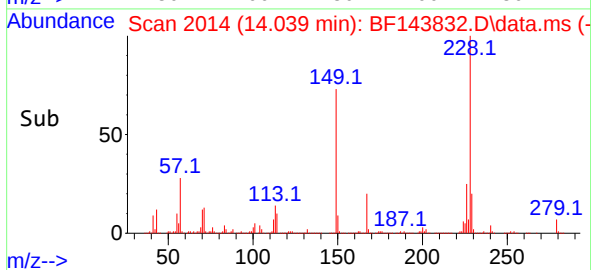
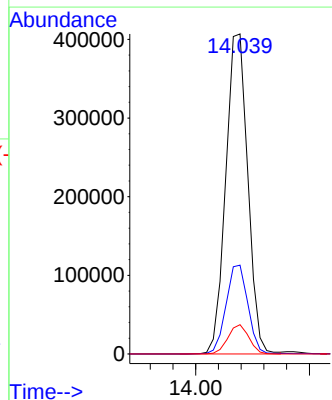
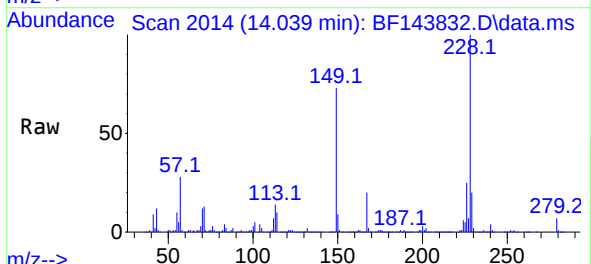
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

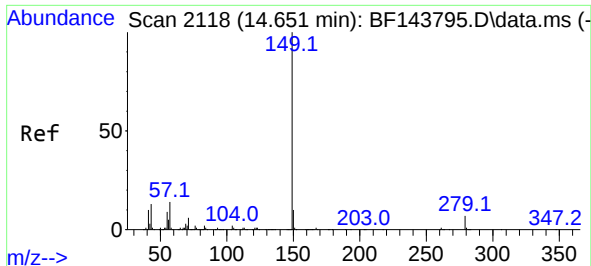
Tgt Ion:228 Resp: 1072277  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.6 33.8  
229 20.1 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.324 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:149 Resp: 548071  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.2 33.2  
279 9.2 6.0 9.0#

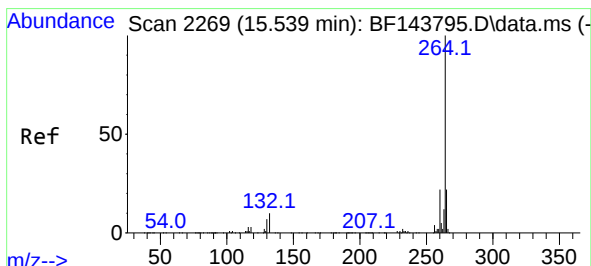
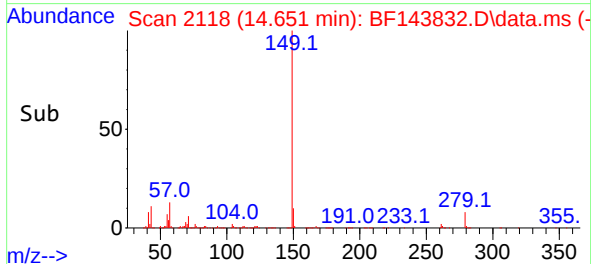
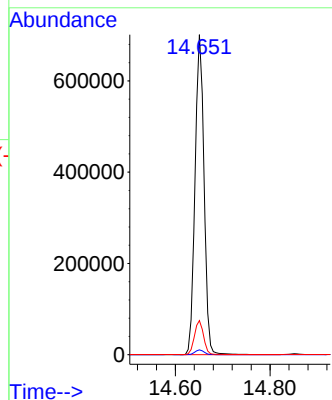
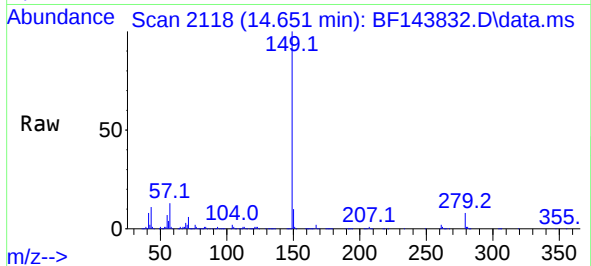




#85  
Di-n-octyl phthalate  
Concen: 40.183 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

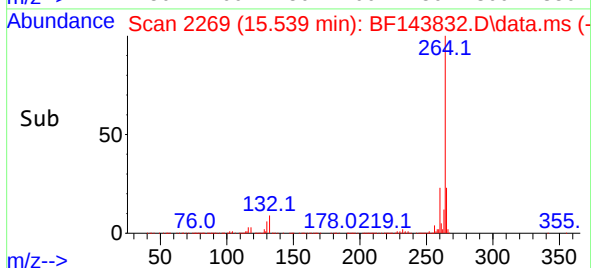
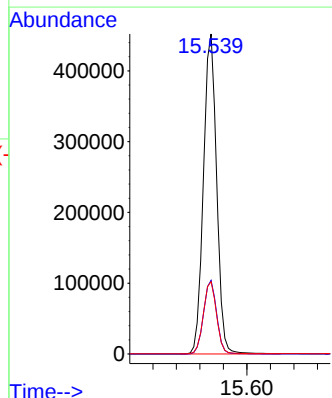
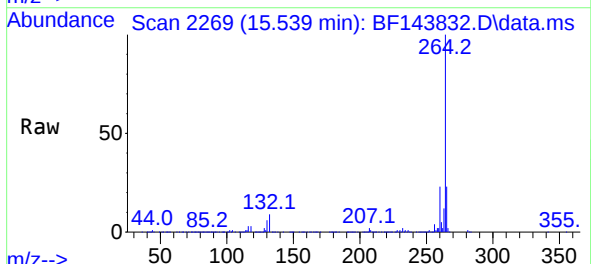
Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

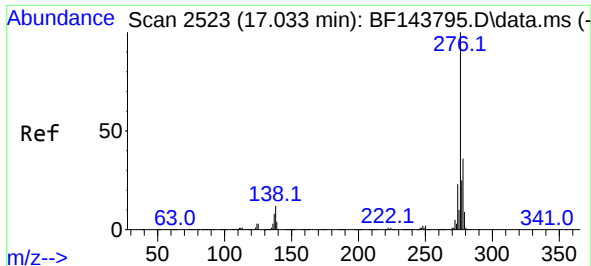
Tgt Ion:149 Resp: 922091  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 10.7 10.7 16.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:264 Resp: 705082  
Ion Ratio Lower Upper  
264 100  
260 23.0 17.9 26.9  
265 22.6 17.7 26.5

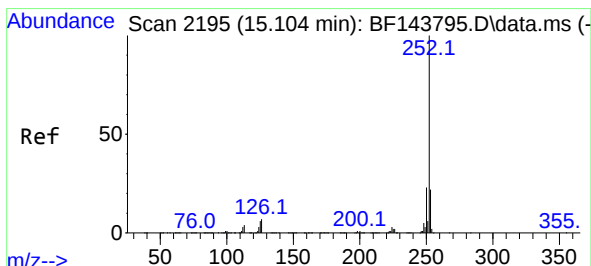
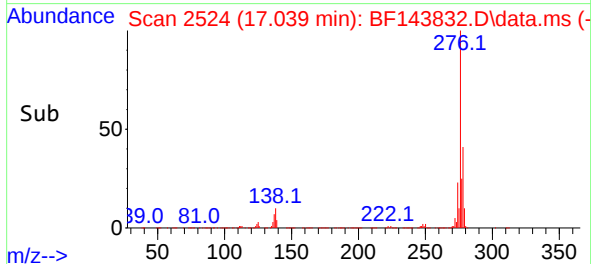
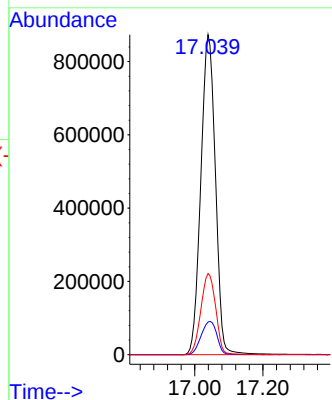
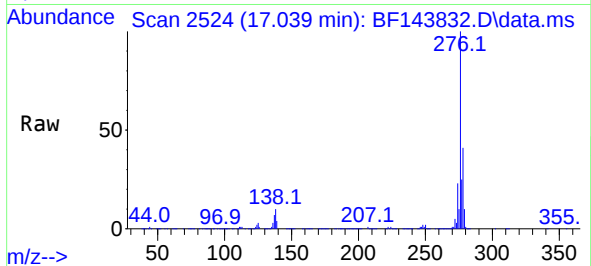




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.512 ng  
RT: 17.039 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

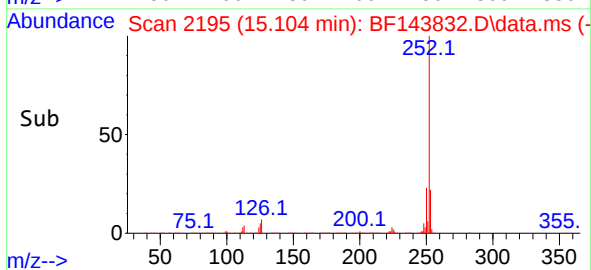
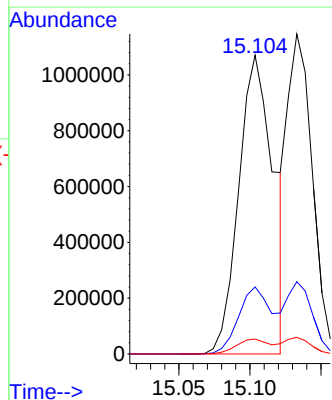
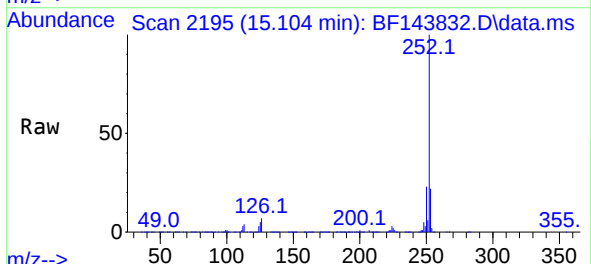
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ClientSampleId :  
PB169880BS

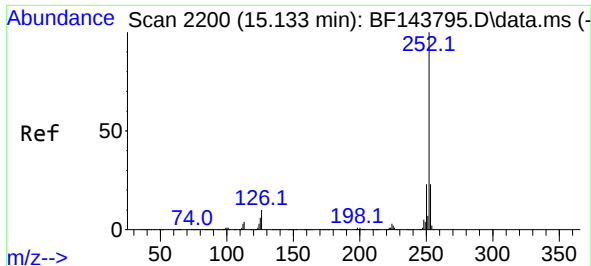
Tgt Ion:276 Resp: 2595286  
Ion Ratio Lower Upper  
276 100  
138 11.3 10.6 15.8  
277 25.8 20.7 31.1



#88  
Benzo(b)fluoranthene  
Concen: 50.689 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:252 Resp: 1820049  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 5.0 4.4 6.6

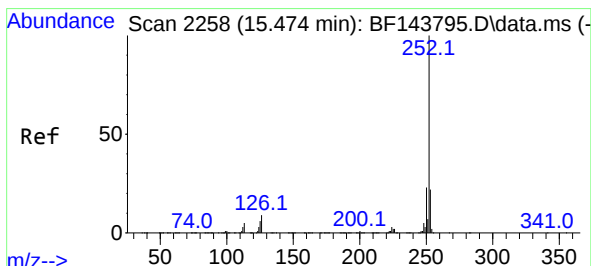
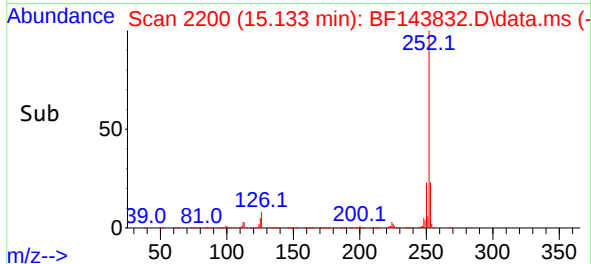
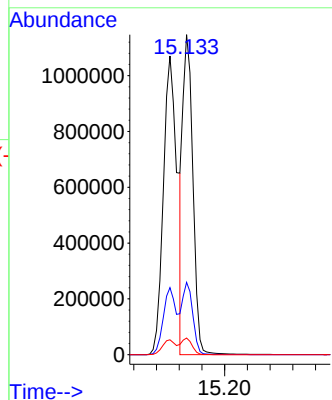
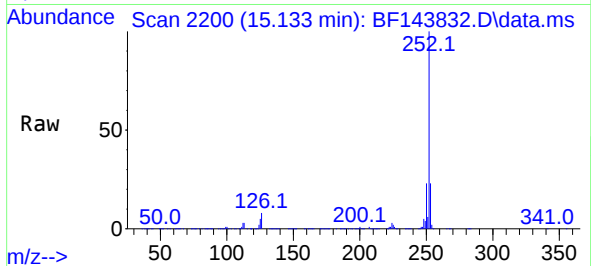




#89  
Benzo(k)fluoranthene  
Concen: 39.221 ng  
RT: 15.133 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

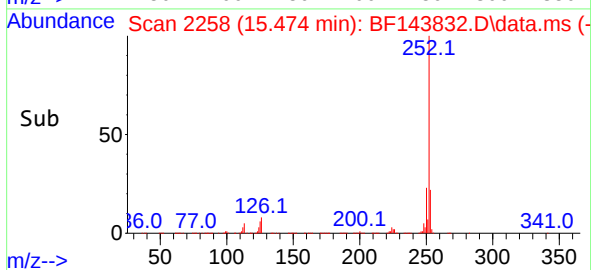
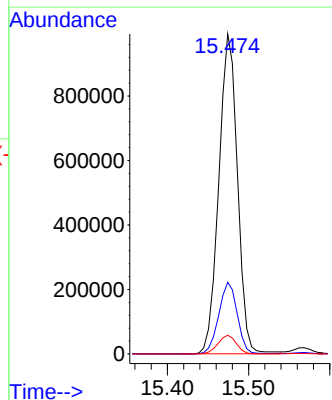
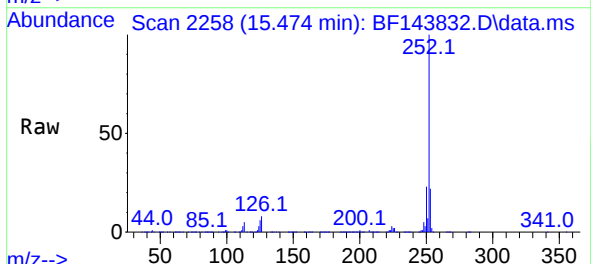
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BNA\_F  
ClientSampleId :  
PB169880BS

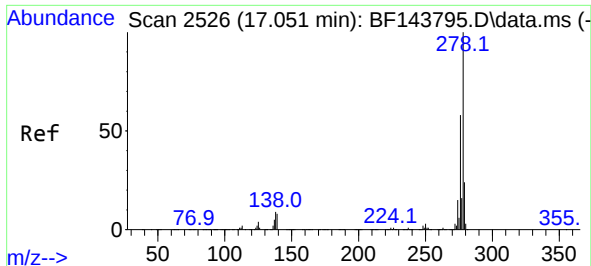
Tgt Ion:252 Resp: 1414832  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.9 26.9  
125 5.2 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 46.962 ng  
RT: 15.474 min Scan# 2258  
Delta R.T. -0.006 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:252 Resp: 1585027  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 5.9 5.0 7.4

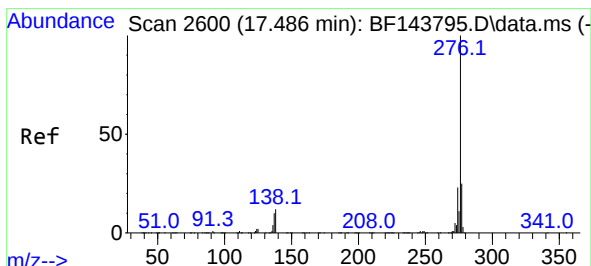
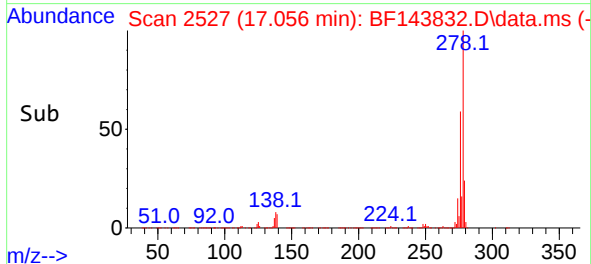
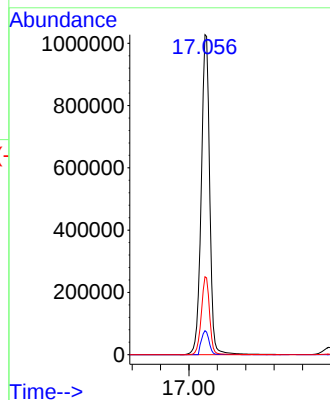
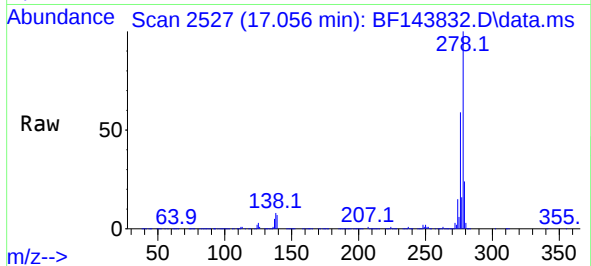




#91  
Dibenzo(a,h)anthracene  
Concen: 48.499 ng  
RT: 17.056 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB169880BS

Tgt Ion:278 Resp: 2122139  
Ion Ratio Lower Upper  
278 100  
139 7.5 6.7 10.1  
279 24.3 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 50.363 ng  
RT: 17.492 min Scan# 2601  
Delta R.T. -0.012 min  
Lab File: BF143832.D  
Acq: 30 Sep 2025 14:34

Tgt Ion:276 Resp: 2124276  
Ion Ratio Lower Upper  
276 100  
277 25.0 19.6 29.4  
138 10.2 9.2 13.8

