

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100225\  
 Data File : BF143855.D  
 Acq On : 02 Oct 2025 15:11  
 Operator : RC/JU  
 Sample : PB169953BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 02 16:32:32 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     | 6.887  | 152  | 132660   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 477613   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 238357   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 352292   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 355233   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 574873   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 905298   | 110.873 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1057250  | 112.064 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 671661   | 86.081  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 367077   | 104.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1289750  | 84.438  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1598608  | 91.522  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.728  | 88   | 144223   | 36.903  | ng    | 98       |
| 3) Pyridine                   | 3.487  | 79   | 408882   | 38.758  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.434  | 42   | 222270   | 42.019  | ng    | 89       |
| 6) Aniline                    | 6.546  | 93   | 473453   | 34.577  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 361151   | 43.205  | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 223585   | 27.063  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 469893   | 42.850  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 358965   | 41.759  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 416736   | 42.939  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 423908   | 43.767  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 407283   | 44.399  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 316511   | 46.430  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 783647   | 38.446  | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 284381   | 43.943  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 145536   | 42.727  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 256999   | 42.362  | ng    | 91       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 333165   | 42.274  | ng    | # 79     |
| 22) Acetophenone              | 7.293  | 105  | 505321   | 48.171  | ng    | 97       |
| 24) Nitrobenzene              | 7.469  | 77   | 389590   | 45.046  | ng    | 96       |
| 25) Isophorone                | 7.704  | 82   | 696722   | 45.822  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 178148   | 50.050  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 325295   | 47.866  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 426731   | 43.198  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 299564   | 44.798  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 334316   | 48.175  | ng    | 100      |
| 31) Naphthalene               | 8.193  | 128  | 995535   | 43.542  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 194641   | 59.361  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 217802   | 27.107  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 243514   | 47.071  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 86084    | 50.365  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 287211   | 45.796  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 590095   | 40.475  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 602257   | 43.158  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 356094   | 49.504  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 514059   | 112.761 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 215365   | 47.815  | ng    | 99       |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

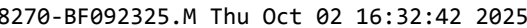
Instrument :  
 BNA\_F  
 ClientSampleId :

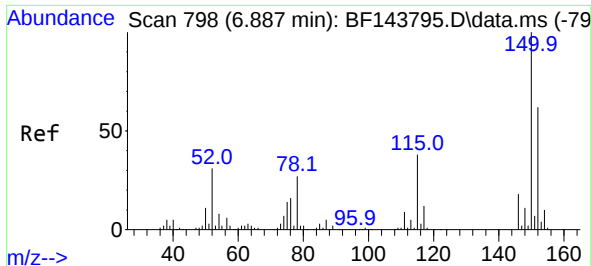
Quant Time: Oct 02 16:32:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 223754   | 47.494  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 839915   | 48.680  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 611384   | 44.021  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 219806   | 52.364  | ng    | 99       |
| 49) Acenaphthylene            | 9.787  | 152  | 965232   | 50.484  | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 662888   | 45.629  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 140025   | 58.663  | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 587128   | 46.664  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 101558   | 35.102  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 107395   | 94.393  | ng    | # 19     |
| 55) Dibenzofuran              | 10.134 | 168  | 802245   | 45.090  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 200464   | 85.981  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 178413   | 50.215  | ng    | 94       |
| 58) Fluorene                  | 10.475 | 166  | 591871   | 44.747  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 221046   | 54.769  | ng    | 96       |
| 60) Diethylphthalate          | 10.345 | 149  | 610835   | 44.916  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 306013   | 45.406  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 130116   | 47.829  | ng    | 99       |
| 63) Azobenzene                | 10.628 | 77   | 627301   | 43.768  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 77855    | 57.179  | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 552464   | 47.685  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 299372   | 49.865  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 418057   | 50.529  | ng    | 98       |
| 69) Atrazine                  | 11.110 | 200  | 165856   | 49.435  | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 421274   | 102.290 | ng    | 100      |
| 71) Phenanthrene              | 11.439 | 178  | 825423   | 45.637  | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 841805   | 46.400  | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 723940   | 45.639  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 820467   | 44.975  | ng    | 100      |
| 75) Fluoranthene              | 12.628 | 202  | 812325   | 44.655  | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 295898   | 34.183  | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 823750   | 47.166  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.475 | 149  | 296337   | 49.044  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 861449   | 45.140  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 288912   | 34.946  | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 834639   | 48.334  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 397949   | 44.932  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 730007   | 45.439  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 2183879  | 50.068  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 1322818  | 45.185  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1336071  | 45.426  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 1349100  | 49.026  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 1765804  | 49.496  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 1795382  | 52.206  | ng    | 99       |

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

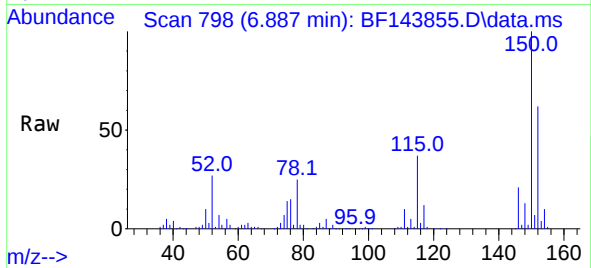
Quant Time: Oct 02 16:32:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 05:00:00 2025  
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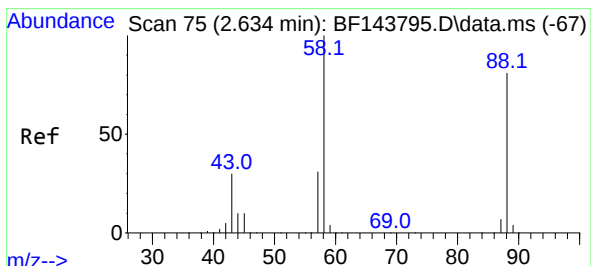
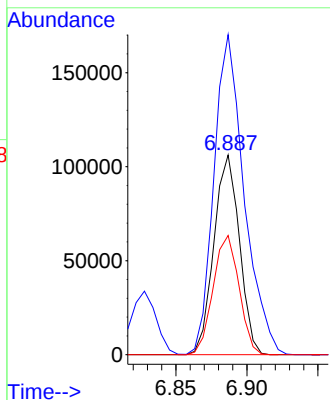
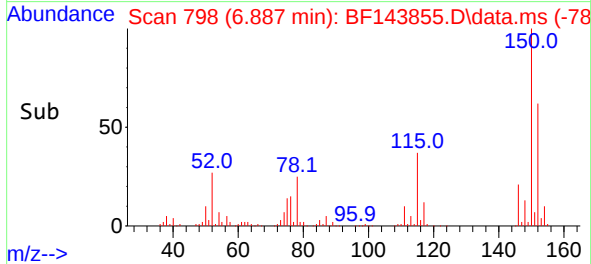


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

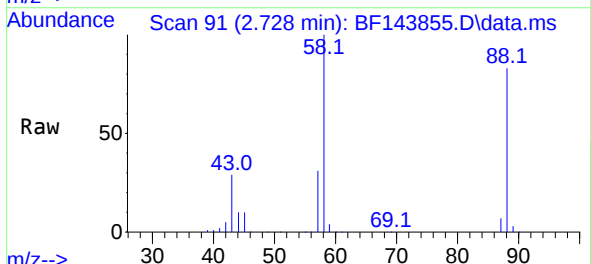
Instrument :  
BNA\_F  
ClientSampleId :



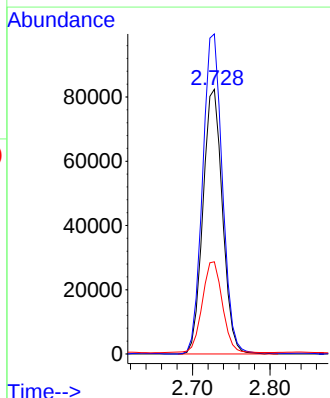
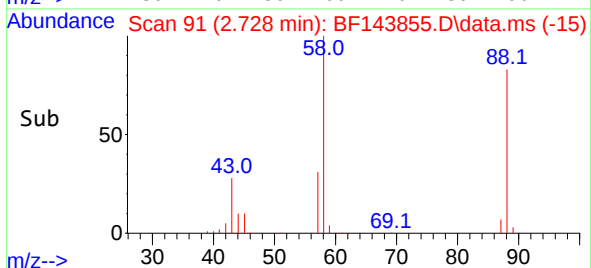
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Ion Ratio Lower Upper  
152 100  
150 160.2 129.6 194.4  
115 59.7 49.0 73.4

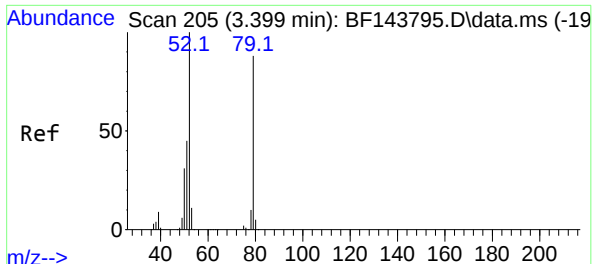


#2  
1,4-Dioxane  
Concen: 36.903 ng  
RT: 2.728 min Scan# 91  
Delta R.T. 0.094 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



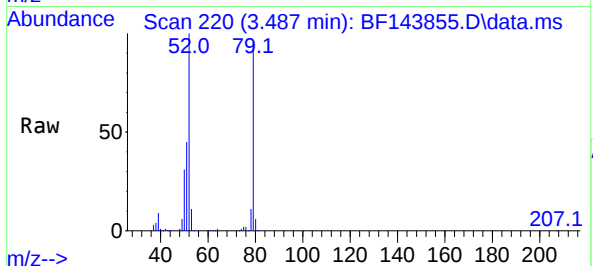
Tgt Ion: 88 Resp: 144223  
Ion Ratio Lower Upper  
88 100  
58 122.6 99.4 149.2  
43 35.8 30.6 45.8





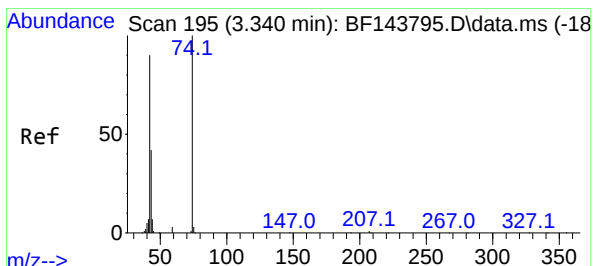
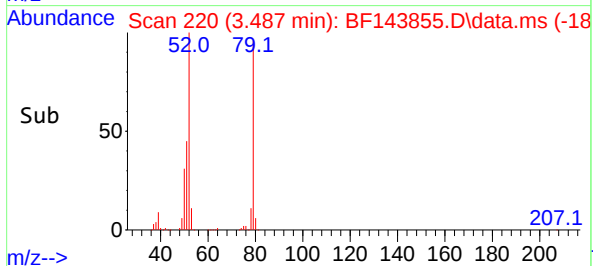
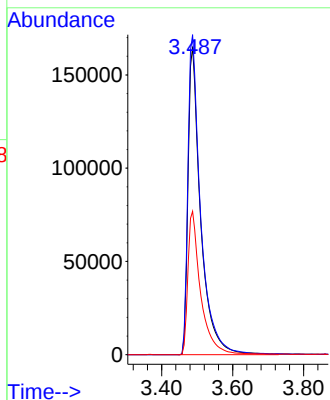
#3  
 Pyridine  
 Concen: 38.758 ng  
 RT: 3.487 min Scan# 211  
 Delta R.T. 0.088 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion: 79 Resp: 408882

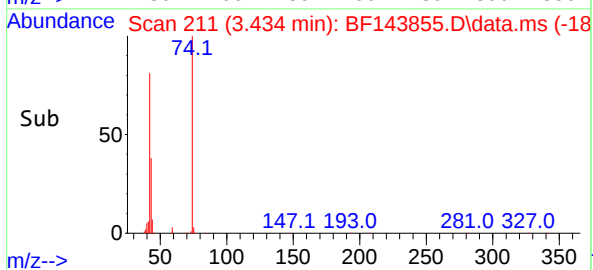
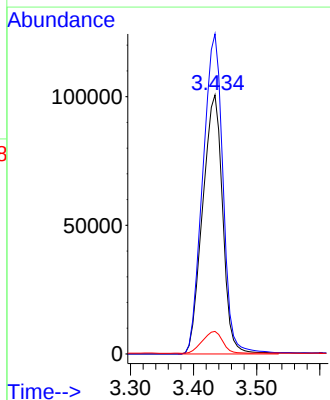
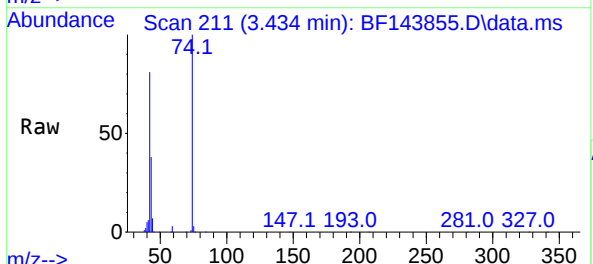
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 103.9 | 90.5  | 135.7 |
| 51  | 46.5  | 40.6  | 61.0  |

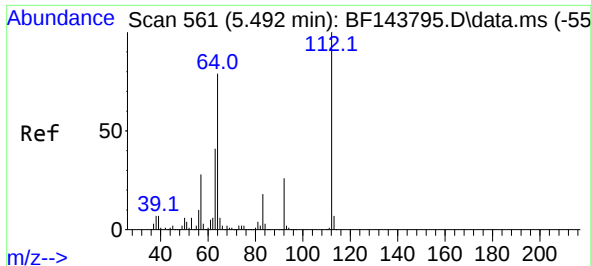


#4  
 n-Nitrosodimethylamine  
 Concen: 42.019 ng  
 RT: 3.434 min Scan# 211  
 Delta R.T. 0.077 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

Tgt Ion: 42 Resp: 222270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 123.6 | 89.1  | 133.7 |
| 44  | 8.7   | 6.4   | 9.6   |

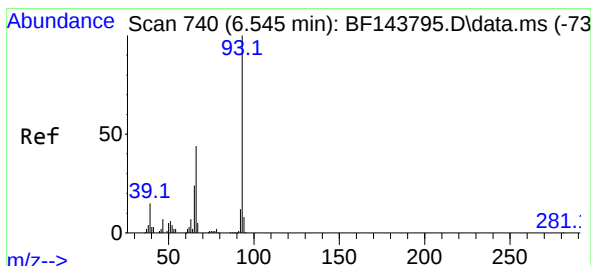
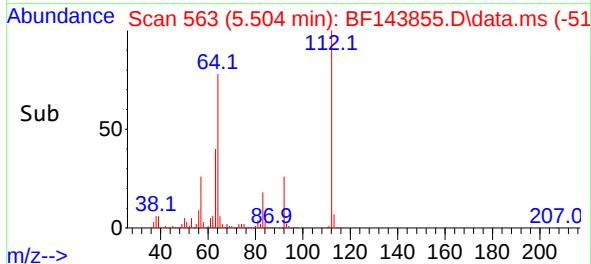
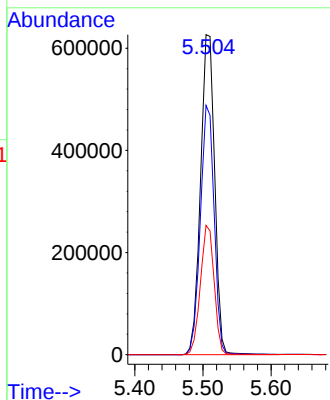
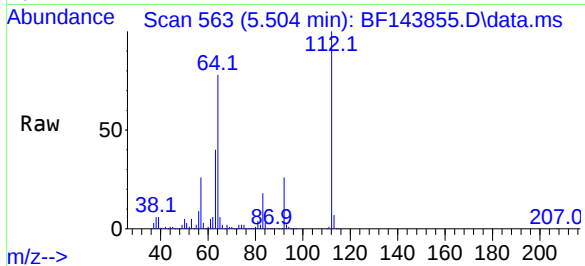




#5  
2-Fluorophenol  
Concen: 110.873 ng  
RT: 5.504 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

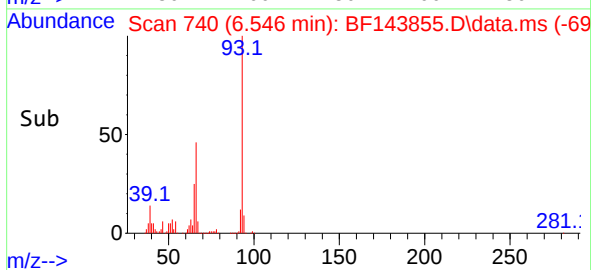
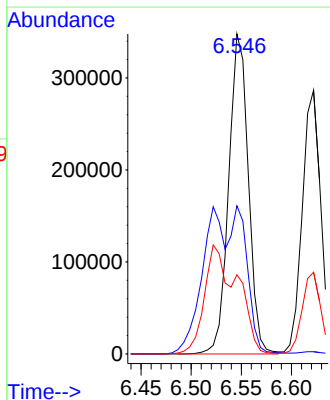
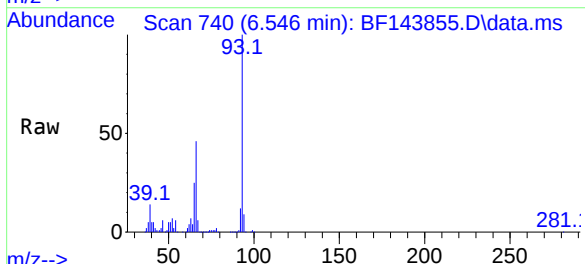
Instrument :  
BNA\_F  
ClientSampleId :

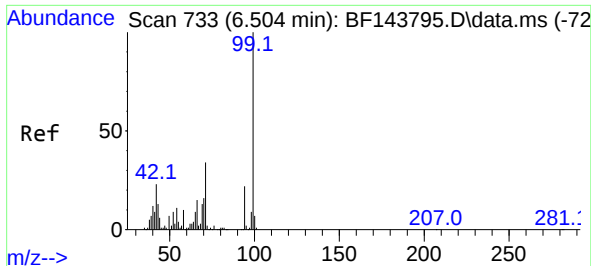
Tgt Ion:112 Resp: 905298  
Ion Ratio Lower Upper  
112 100  
64 77.9 63.0 94.4  
63 40.4 32.6 49.0



#6  
Aniline  
Concen: 34.577 ng  
RT: 6.546 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion: 93 Resp: 473453  
Ion Ratio Lower Upper  
93 100  
66 46.3 37.1 55.7  
65 24.7 19.4 29.0

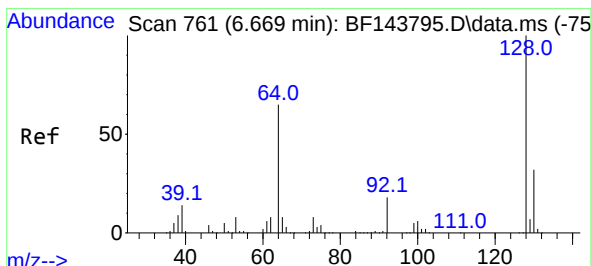
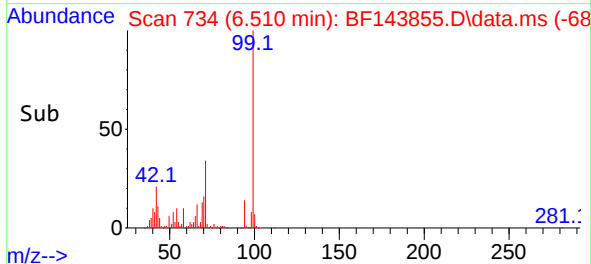
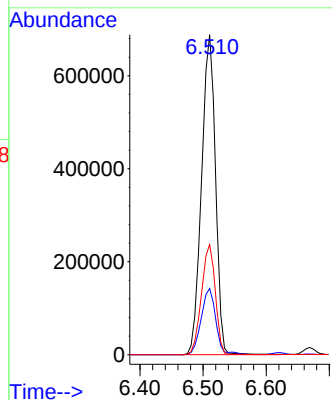
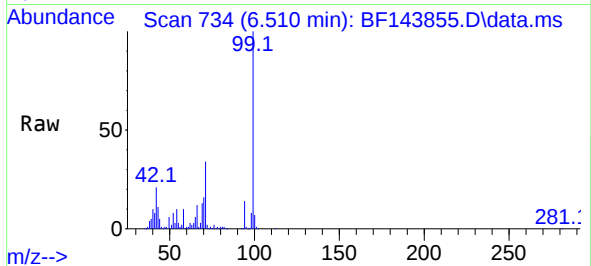




#7  
Phenol-d6  
Concen: 112.064 ng  
RT: 6.510 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

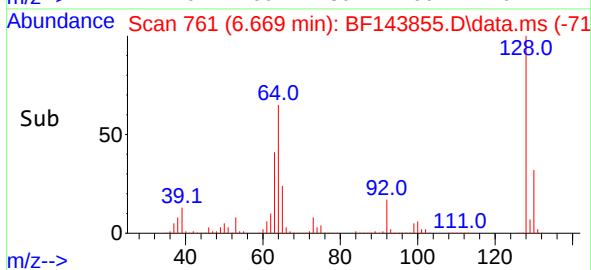
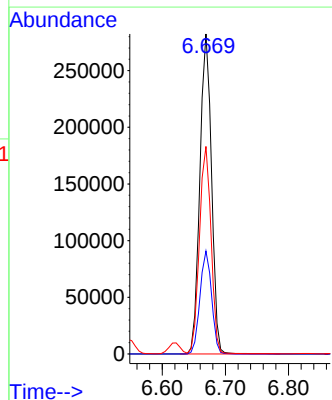
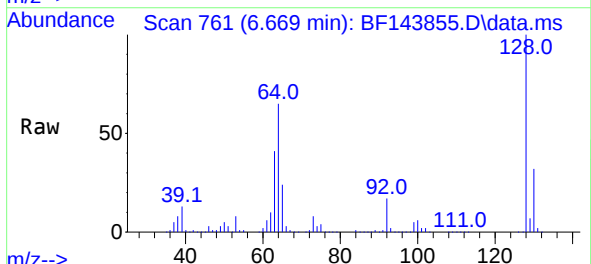
Instrument :  
BNA\_F  
ClientSampleId :

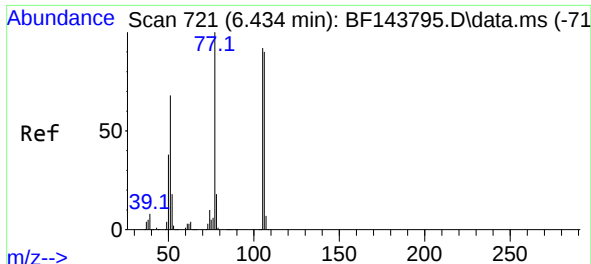
Tgt Ion: 99 Resp: 1057250  
Ion Ratio Lower Upper  
99 100  
42 20.7 18.6 28.0  
71 34.4 27.0 40.4



#8  
2-Chlorophenol  
Concen: 43.205 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:128 Resp: 361151  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.2 52.2  
64 64.8 46.5 86.5

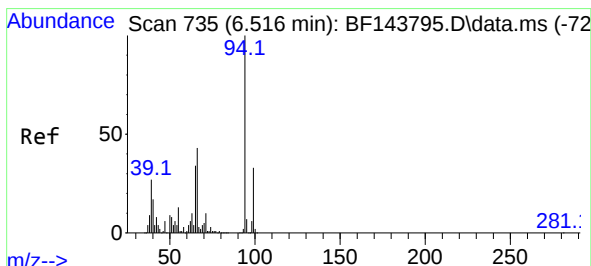
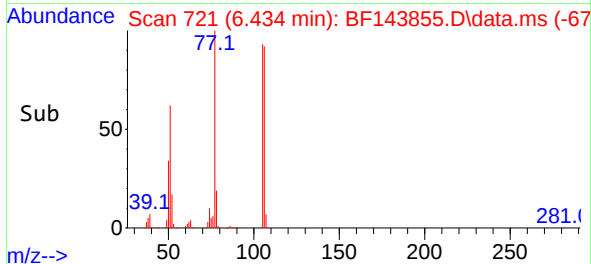
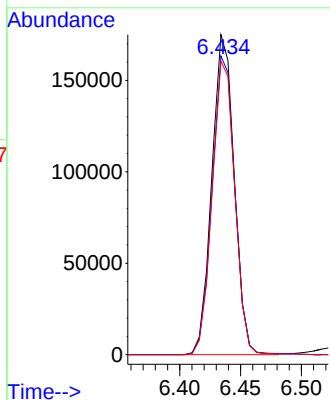
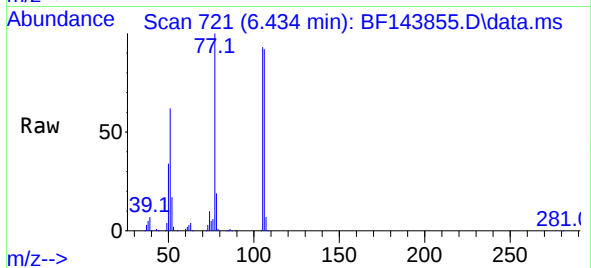




#9  
Benzaldehyde  
Concen: 27.063 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

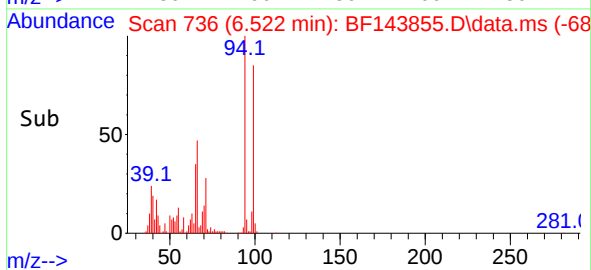
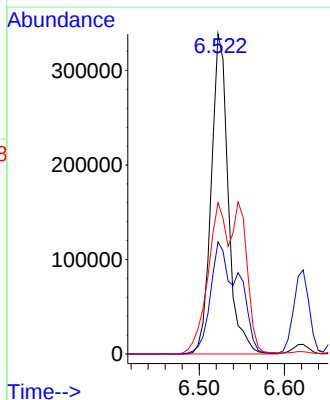
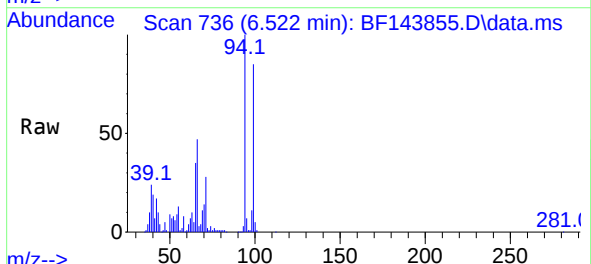
Instrument :  
BNA\_F  
ClientSampleId :

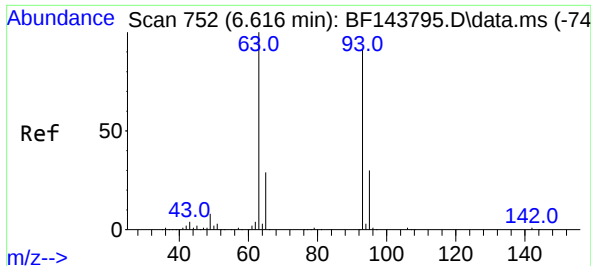
Tgt Ion: 77 Resp: 223585  
Ion Ratio Lower Upper  
77 100  
105 93.3 71.8 111.8  
106 91.7 69.8 109.8



#10  
Phenol  
Concen: 42.850 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion: 94 Resp: 469893  
Ion Ratio Lower Upper  
94 100  
65 35.1 14.2 54.2  
66 47.2 24.1 64.1

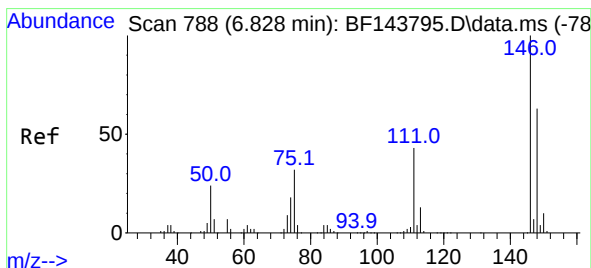
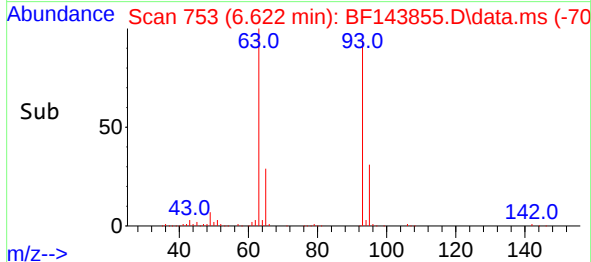
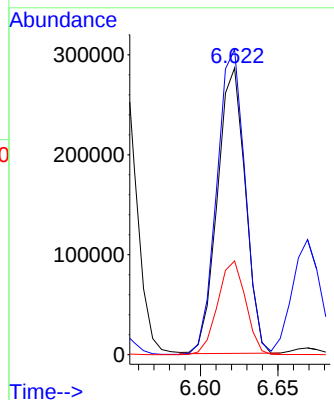
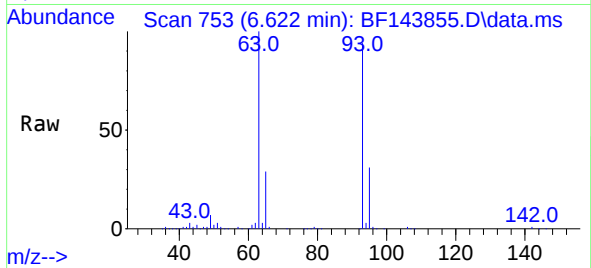




#11  
bis(2-Chloroethyl)ether  
Concen: 41.759 ng  
RT: 6.622 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

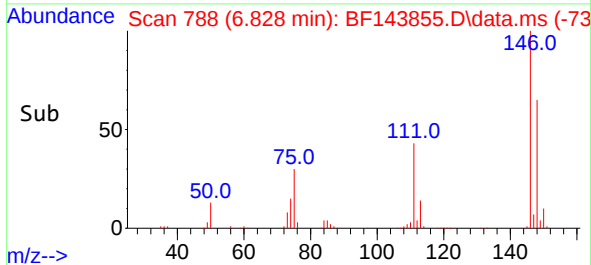
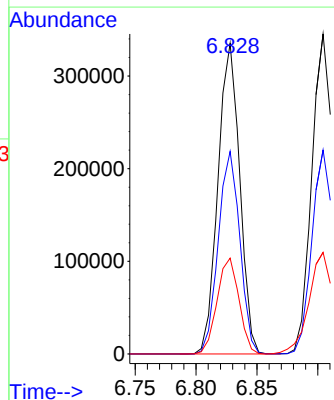
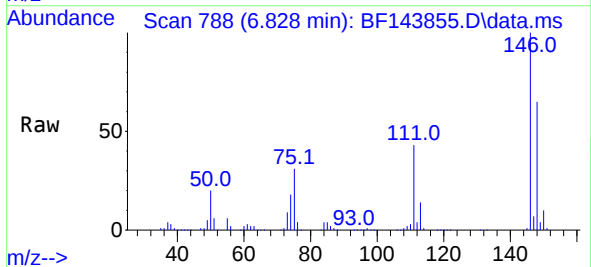
Instrument :  
BNA\_F  
ClientSampleId :

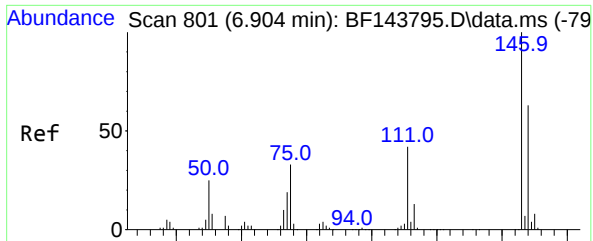
Tgt Ion: 93 Resp: 358965  
Ion Ratio Lower Upper  
93 100  
63 106.4 89.2 129.2  
95 32.7 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 42.939 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

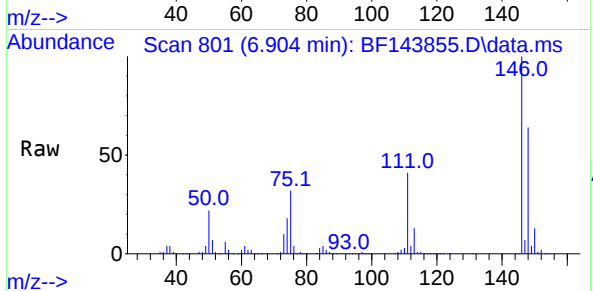
Tgt Ion:146 Resp: 416736  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.4 75.6  
75 30.9 25.6 38.4



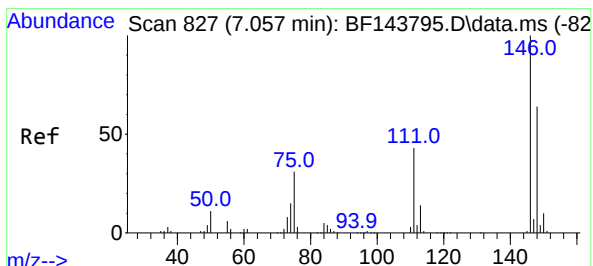
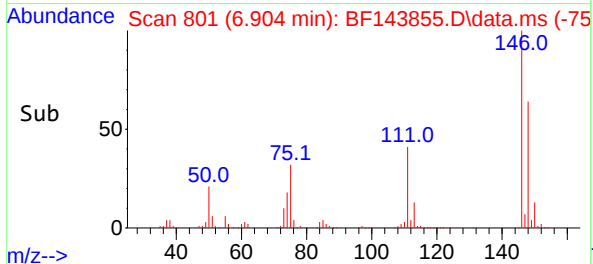
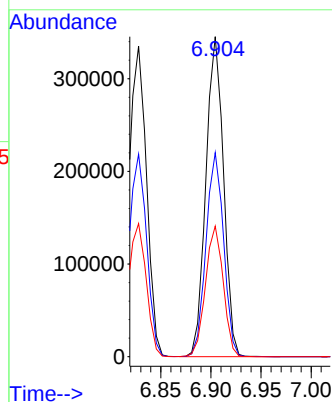


#13  
1,4-Dichlorobenzene  
Concen: 43.767 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

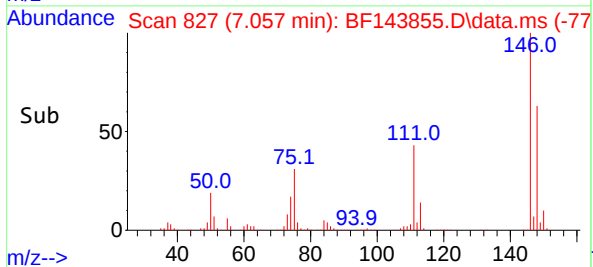
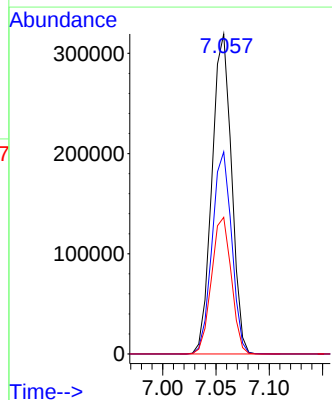
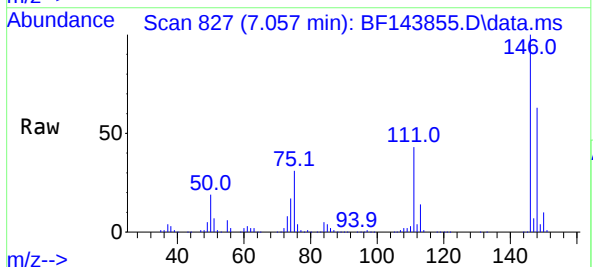


Tgt Ion:146 Resp: 423908  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.7 76.1  
111 40.8 33.4 50.2

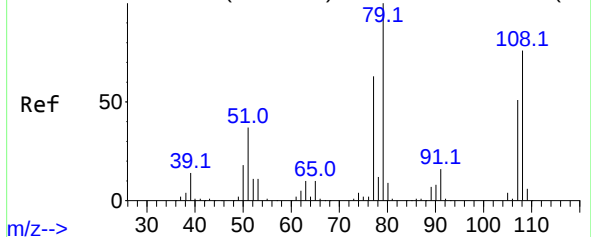


#14  
1,2-Dichlorobenzene  
Concen: 44.399 ng  
RT: 7.057 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

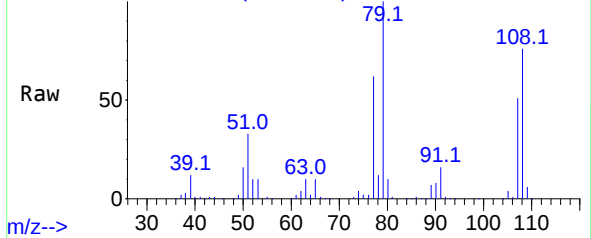
Tgt Ion:146 Resp: 407283  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.1 76.7  
111 42.7 34.3 51.5



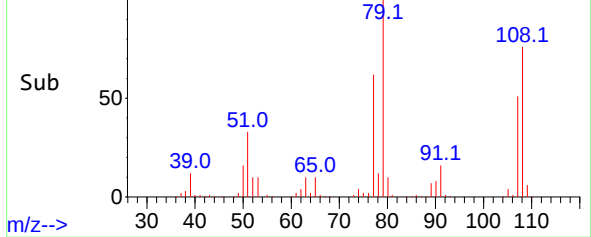
Abundance Scan 821 (7.022 min): BF143795.D\data.ms (-81



m/z--> Scan 821 (7.022 min): BF143855.D\data.ms

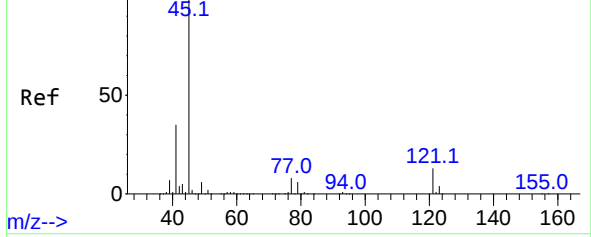


m/z--> Scan 821 (7.022 min): BF143855.D\data.ms (-77

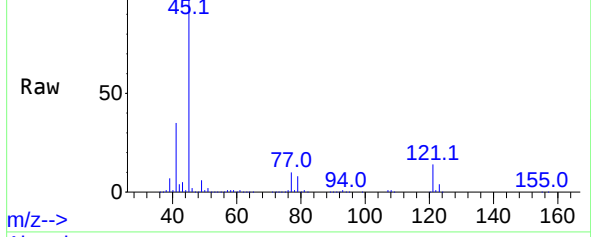


m/z-->

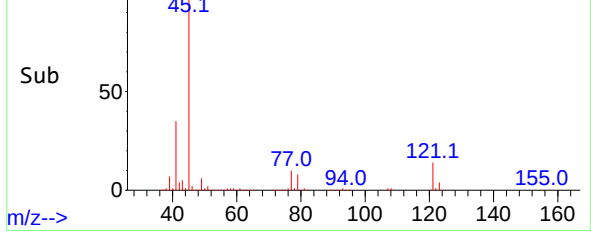
Abundance Scan 844 (7.157 min): BF143795.D\data.ms (-83



m/z--> Scan 844 (7.157 min): BF143855.D\data.ms



m/z--> Scan 844 (7.157 min): BF143855.D\data.ms (-79



m/z-->

#15

Benzyl Alcohol

Concen: 46.430 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 79 Resp: 316511

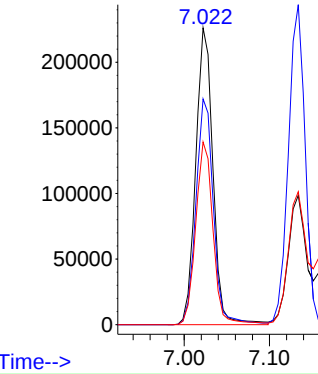
Ion Ratio Lower Upper

79 100

108 76.1 60.5 90.7

77 61.5 50.3 75.5

Abundance



Time-->

#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.446 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Tgt Ion: 45 Resp: 783647

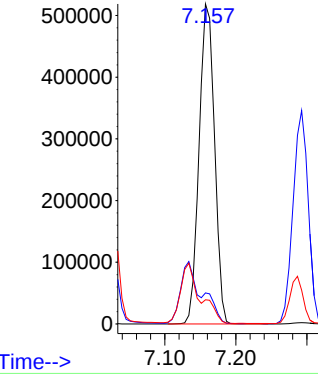
Ion Ratio Lower Upper

45 100

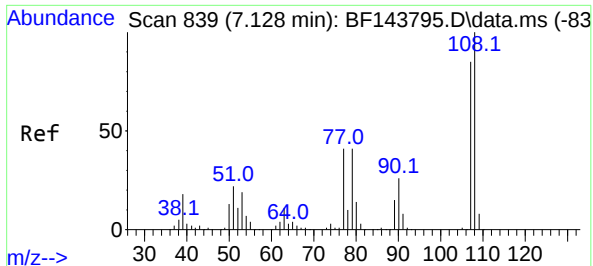
77 9.7 0.0 28.5

79 7.6 0.0 26.3

Abundance



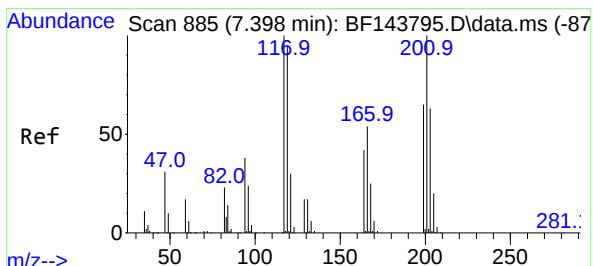
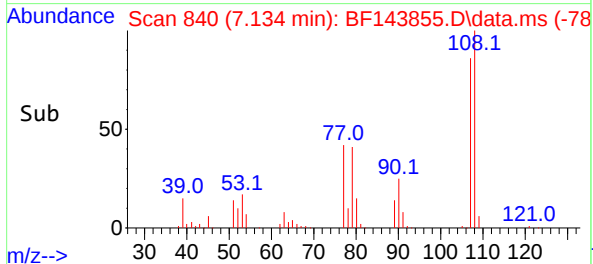
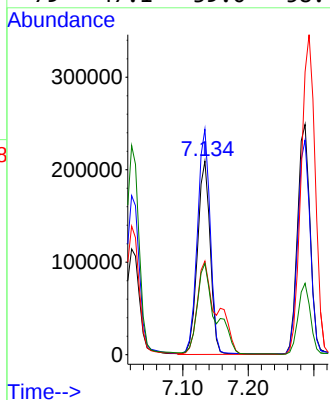
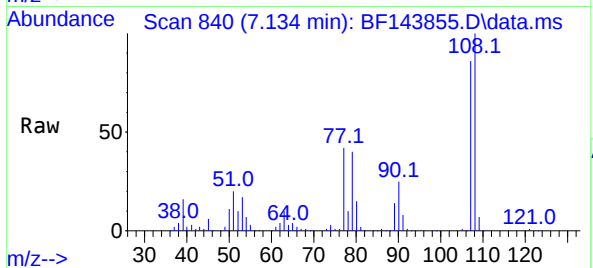
Time-->



#17  
2-Methylphenol  
Concen: 43.943 ng  
RT: 7.134 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

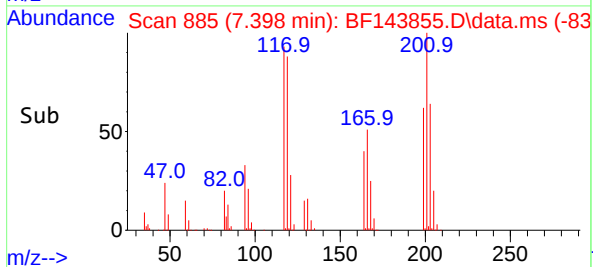
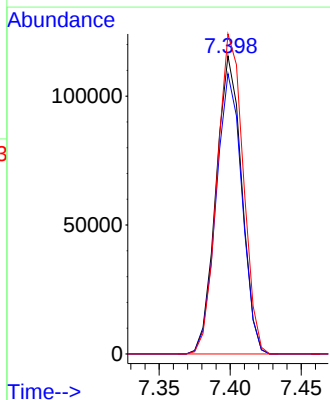
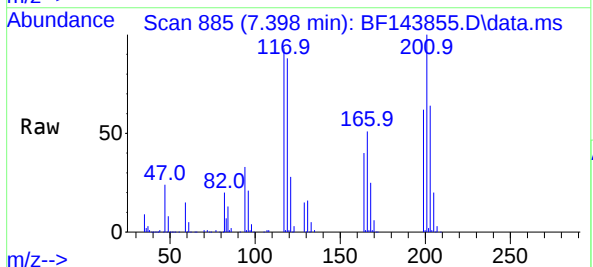
Instrument :  
BNA\_F  
ClientSampleId :

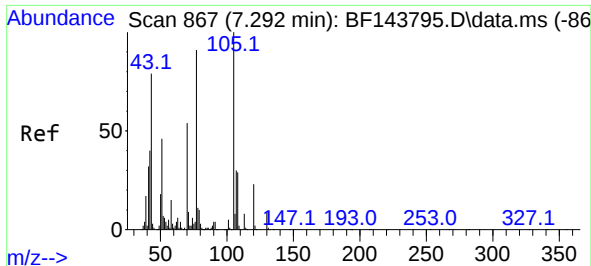
Tgt Ion:107 Resp: 284381  
Ion Ratio Lower Upper  
107 100  
108 116.4 94.2 141.4  
77 48.4 38.6 58.0  
79 47.1 39.0 58.4



#18  
Hexachloroethane  
Concen: 42.727 ng  
RT: 7.398 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

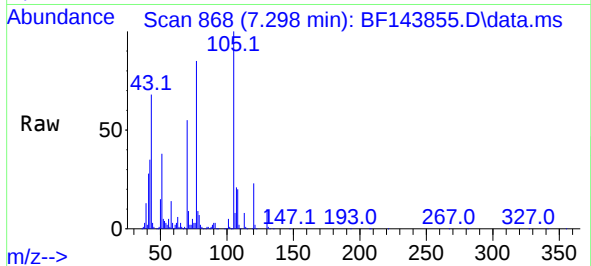
Tgt Ion:117 Resp: 145536  
Ion Ratio Lower Upper  
117 100  
119 94.1 76.2 114.2  
201 107.3 79.7 119.5



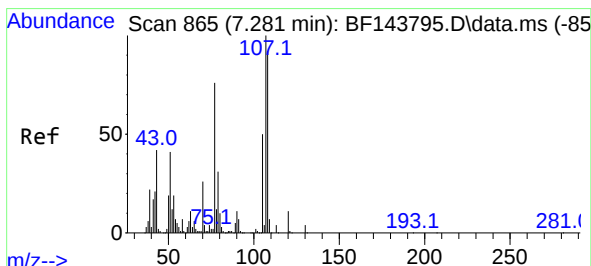
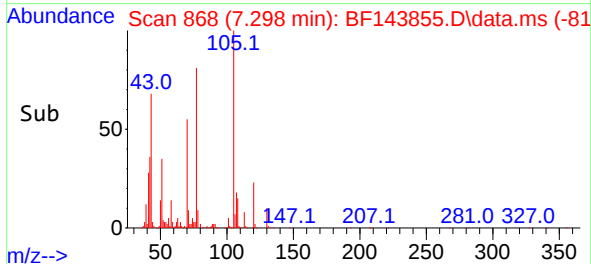
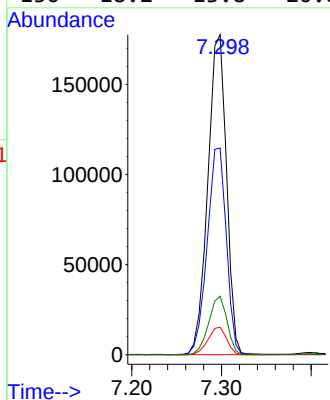


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.362 ng  
RT: 7.298 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

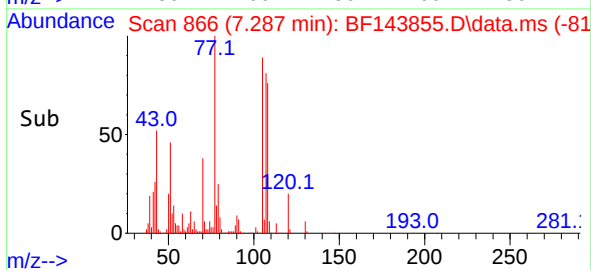
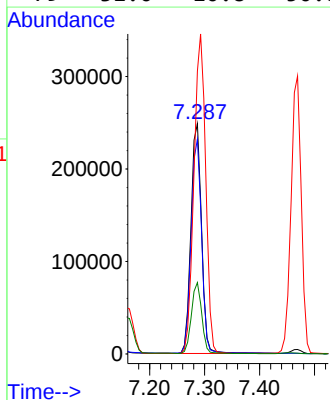
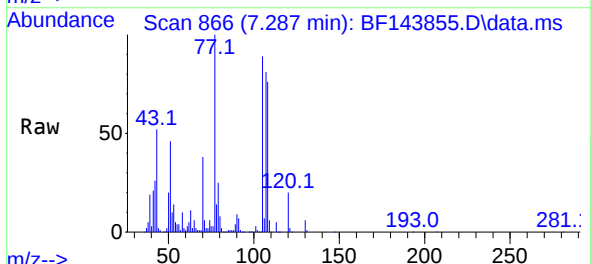


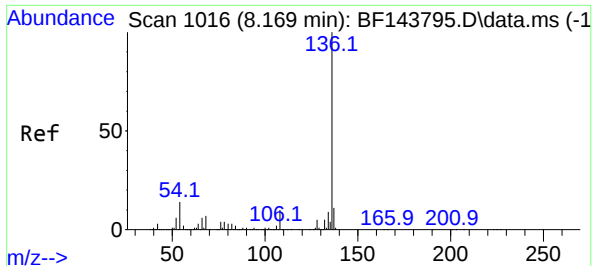
Tgt Ion: 70 Resp: 256999  
Ion Ratio Lower Upper  
70 100  
42 64.6 59.4 89.0  
101 8.6 7.1 10.7  
130 18.2 13.8 20.8



#20  
3+4-Methylphenols  
Concen: 42.274 ng  
RT: 7.287 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

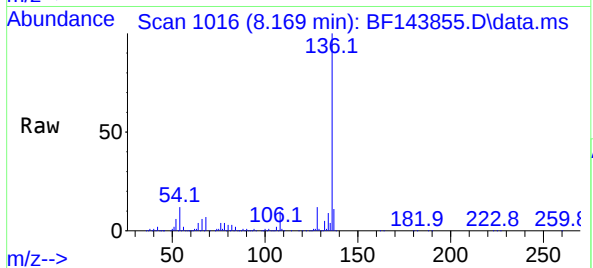
Tgt Ion: 107 Resp: 333165  
Ion Ratio Lower Upper  
107 100  
108 93.3 72.5 112.5  
77 122.8 56.2 96.2#  
79 31.0 10.8 50.8



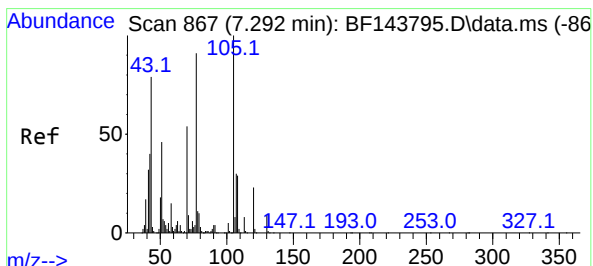
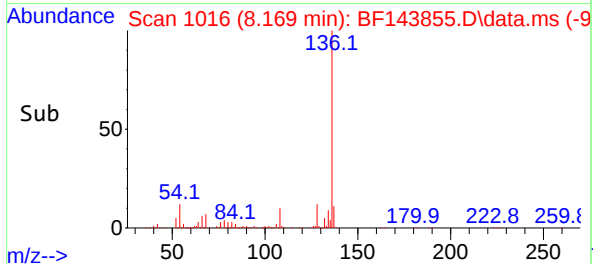
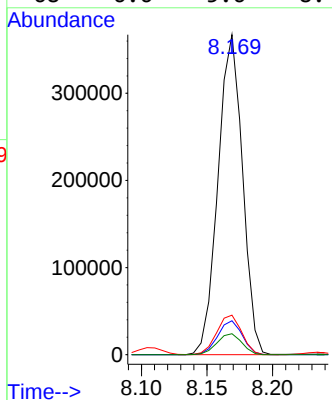


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

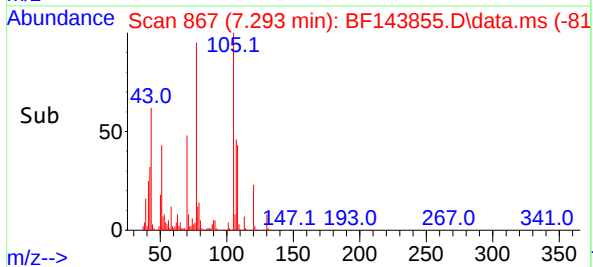
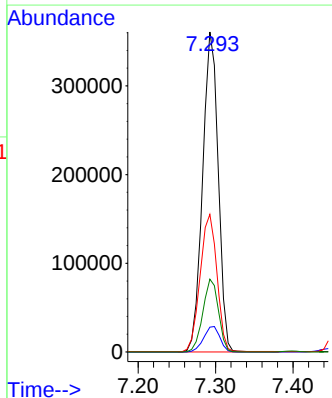
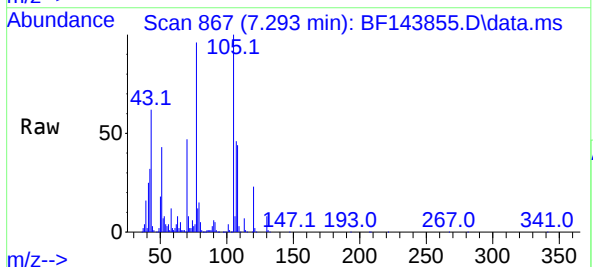


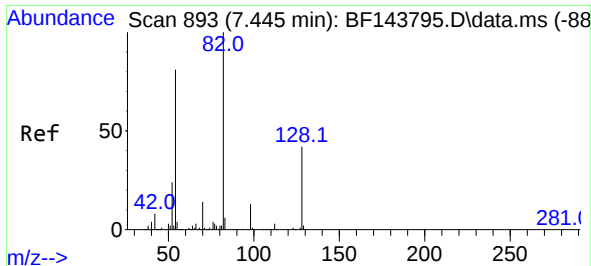
Tgt Ion:136 Resp: 477613  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 12.3 11.2 16.8  
68 6.6 5.6 8.4



#22  
Acetophenone  
Concen: 48.171 ng  
RT: 7.293 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:105 Resp: 505321  
Ion Ratio Lower Upper  
105 100  
71 7.8 7.0 10.4  
51 43.0 36.6 55.0  
120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 86.081 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA\_F

ClientSampleId :

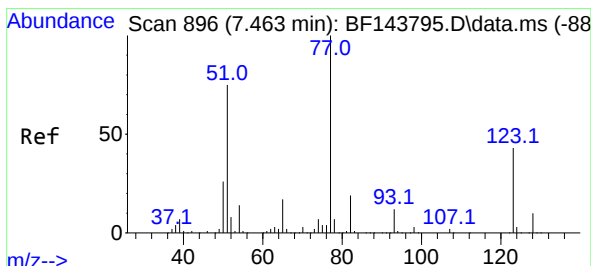
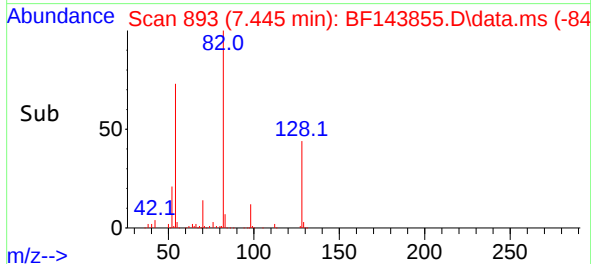
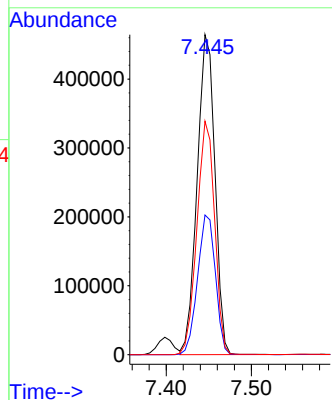
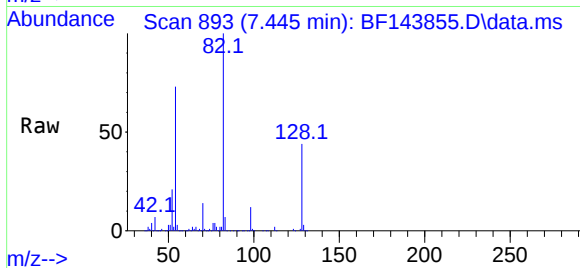
Tgt Ion: 82 Resp: 671661

Ion Ratio Lower Upper

82 100

128 43.7 33.3 49.9

54 72.9 64.2 96.4



#24

Nitrobenzene

Concen: 45.046 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

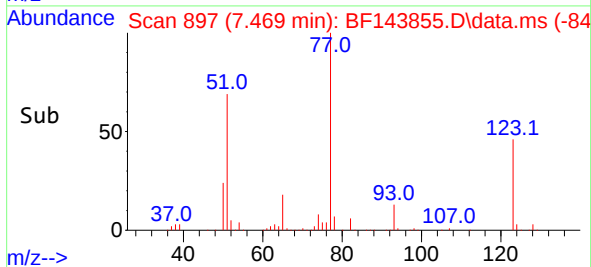
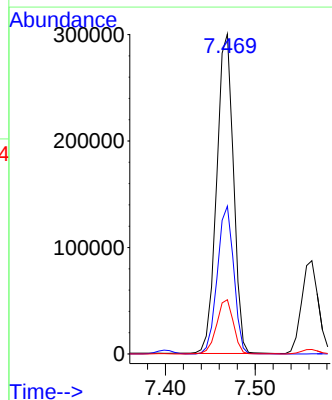
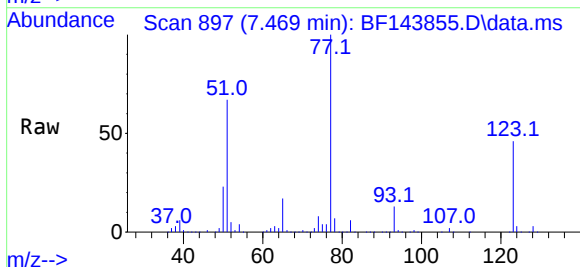
Tgt Ion: 77 Resp: 389590

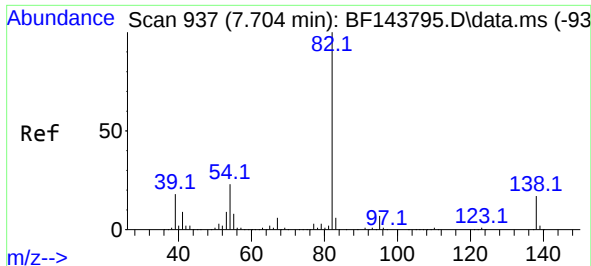
Ion Ratio Lower Upper

77 100

123 46.2 34.0 51.0

65 16.9 13.5 20.3

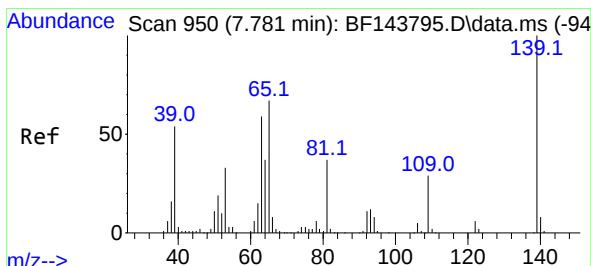
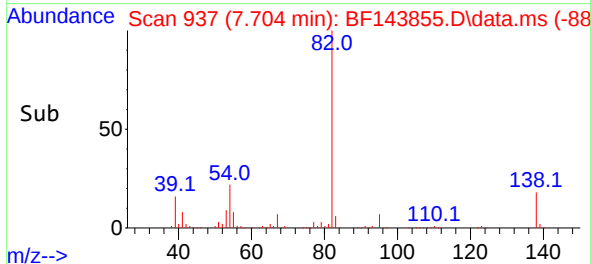
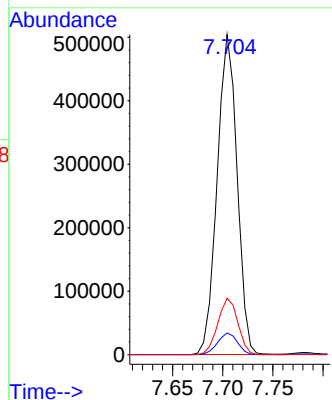
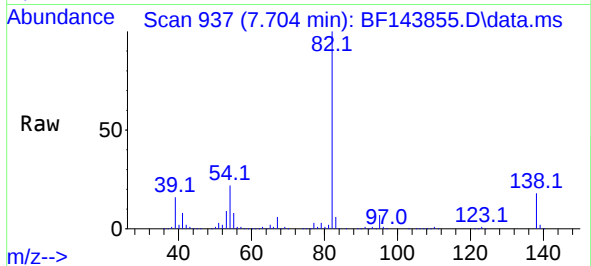




#25  
Isophorone  
Concen: 45.822 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

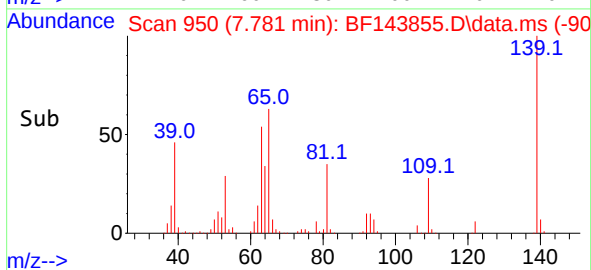
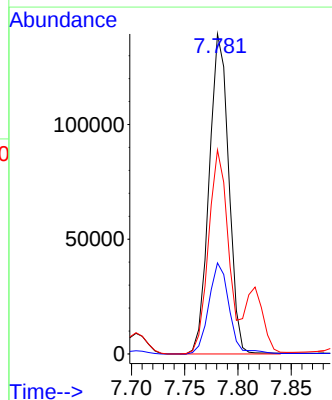
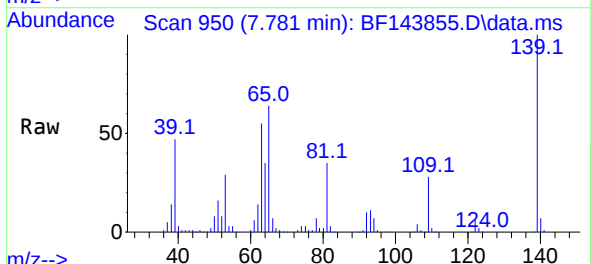
Instrument :  
BNA\_F  
ClientSampleId :

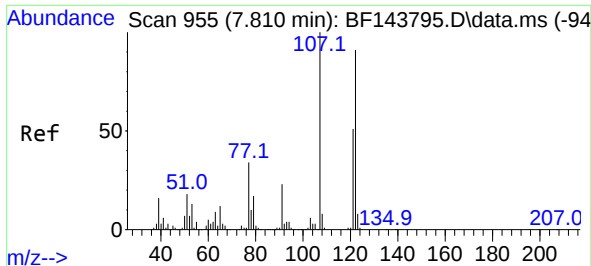
Tgt Ion: 82 Resp: 696722  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 17.7 13.7 20.5



#26  
2-Nitrophenol  
Concen: 50.050 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.005 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

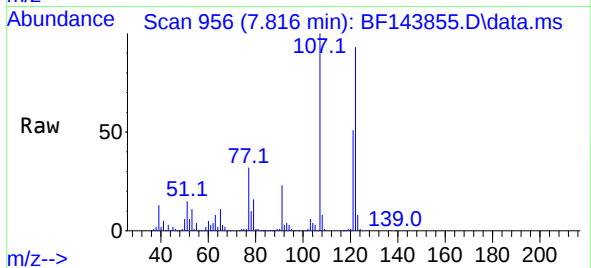
Tgt Ion:139 Resp: 178148  
Ion Ratio Lower Upper  
139 100  
109 28.4 23.3 34.9  
65 63.8 53.8 80.6



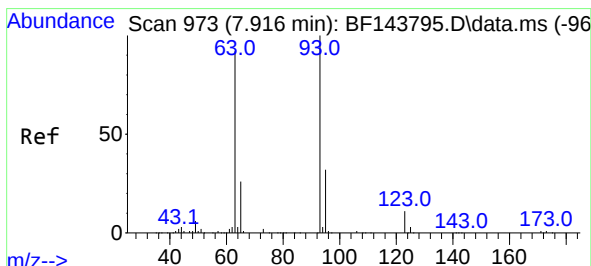
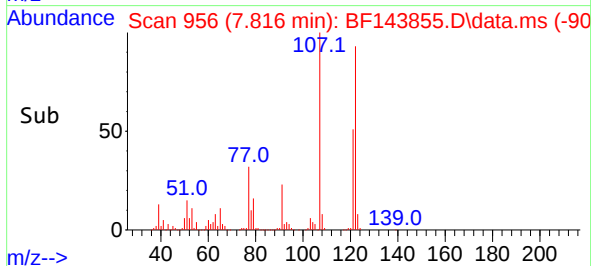
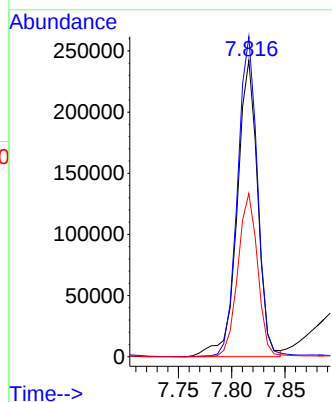


#27  
2,4-Dimethylphenol  
Concen: 47.866 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

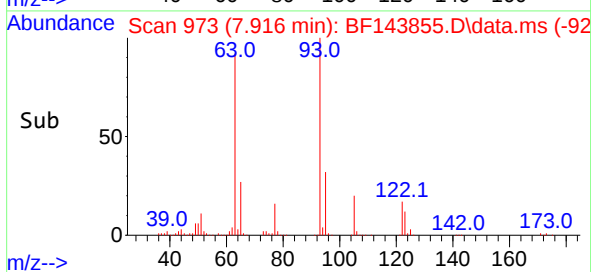
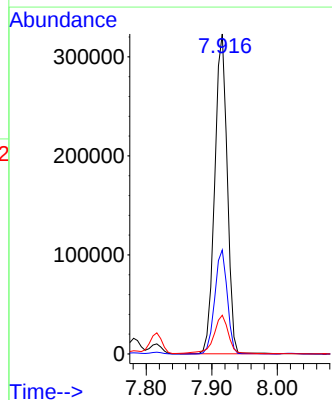
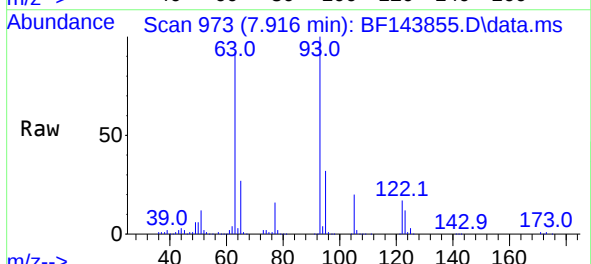


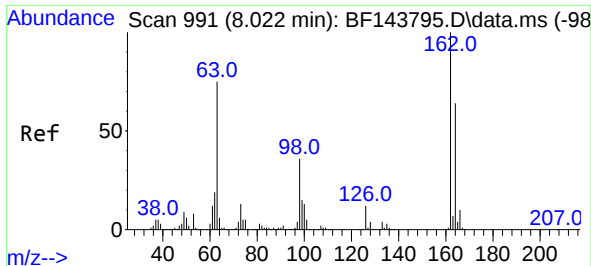
Tgt Ion:122 Resp: 325295  
Ion Ratio Lower Upper  
122 100  
107 108.0 87.5 131.3  
121 55.1 44.2 66.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.198 ng  
RT: 7.916 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

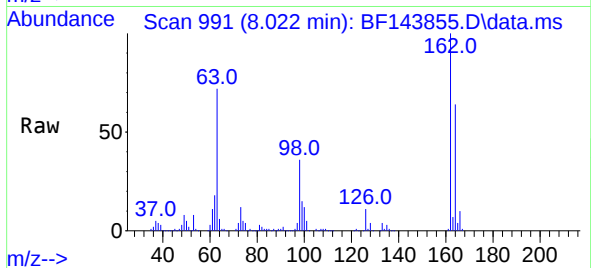
Tgt Ion: 93 Resp: 426731  
Ion Ratio Lower Upper  
93 100  
95 32.5 25.8 38.8  
123 12.1 8.8 13.2



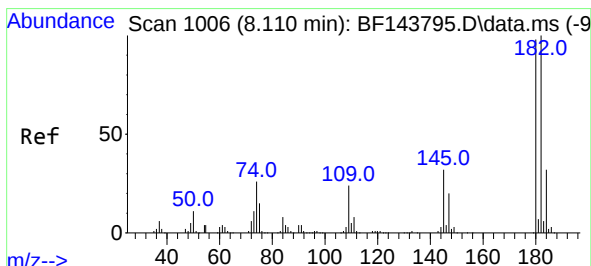
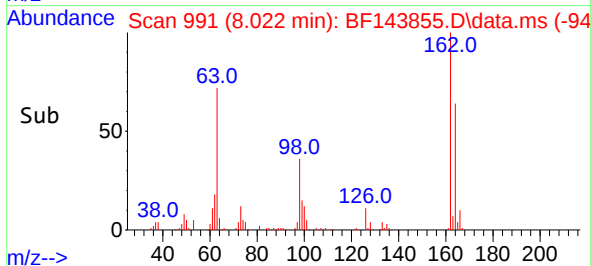
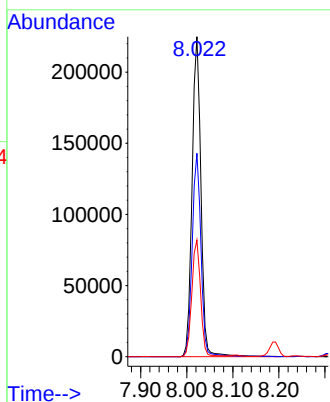


#29  
2,4-Dichlorophenol  
Concen: 44.798 ng  
RT: 8.022 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

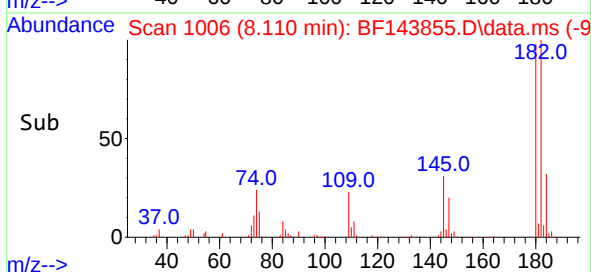
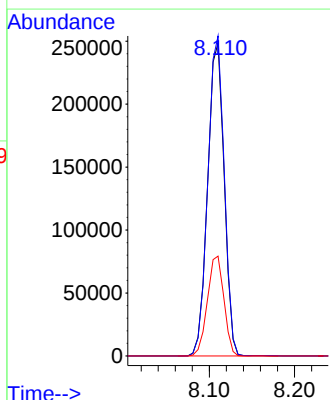
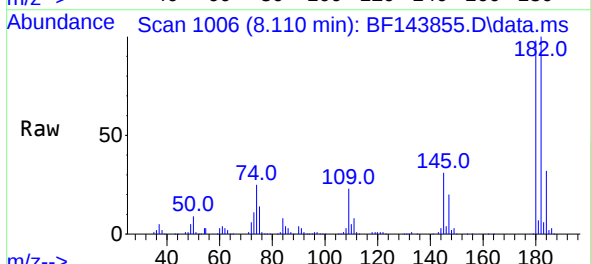


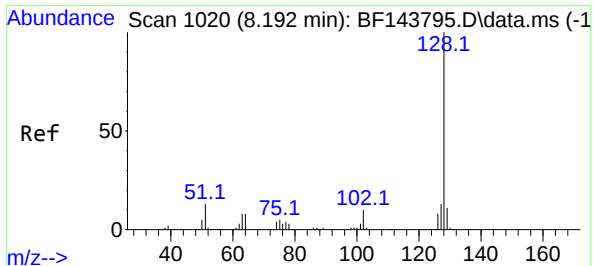
Tgt Ion:162 Resp: 299564  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.1 84.1  
98 36.4 15.8 55.8



#30  
1,2,4-Trichlorobenzene  
Concen: 48.175 ng  
RT: 8.110 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

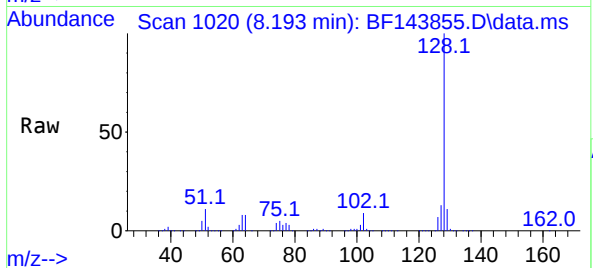
Tgt Ion:180 Resp: 334316  
Ion Ratio Lower Upper  
180 100  
182 102.2 82.0 123.0  
145 31.9 25.9 38.9



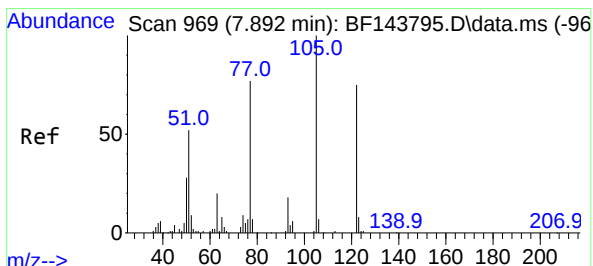
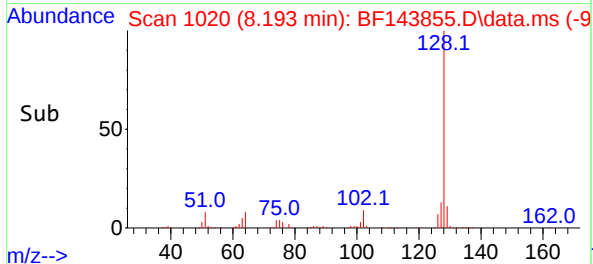
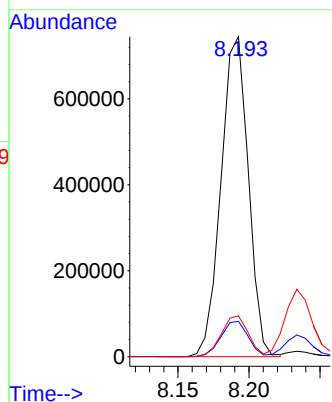


#31  
Naphthalene  
Concen: 43.542 ng  
RT: 8.193 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

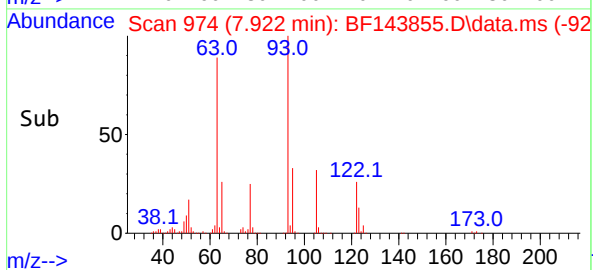
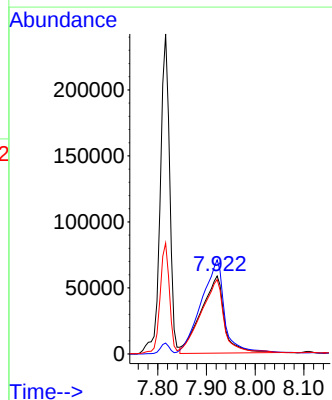
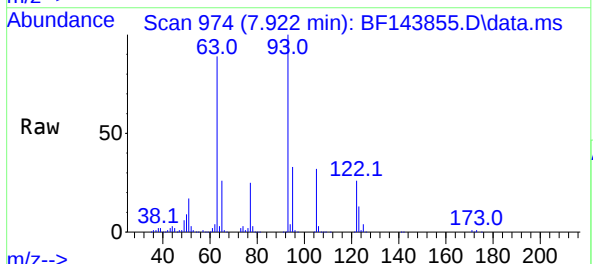


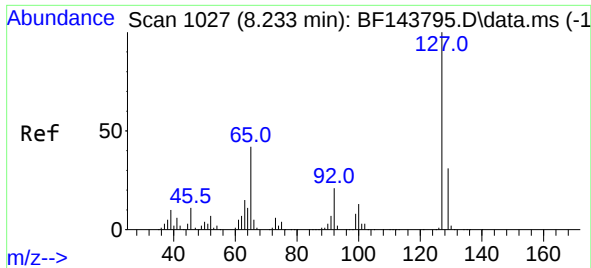
Tgt Ion:128 Resp: 995535  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 12.8 10.2 15.4



#32  
Benzoic acid  
Concen: 59.361 ng  
RT: 7.922 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

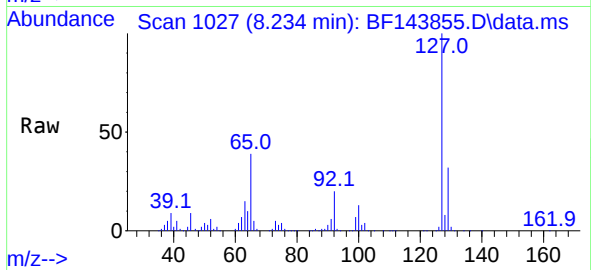
Tgt Ion:122 Resp: 194641  
Ion Ratio Lower Upper  
122 100  
105 120.6 103.7 143.7  
77 95.3 78.8 118.8





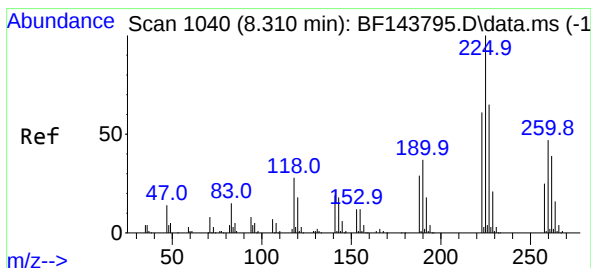
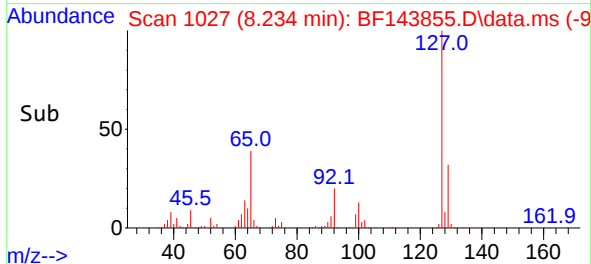
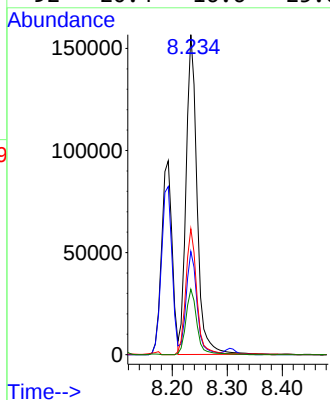
#33  
4-Chloroaniline  
Concen: 27.107 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:127 Resp: 217802

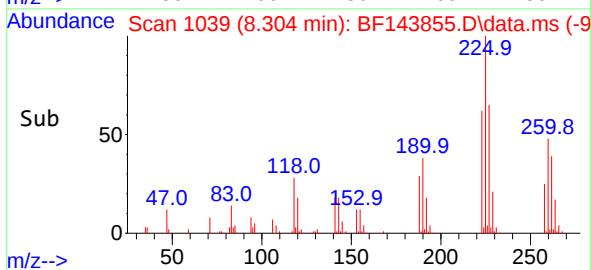
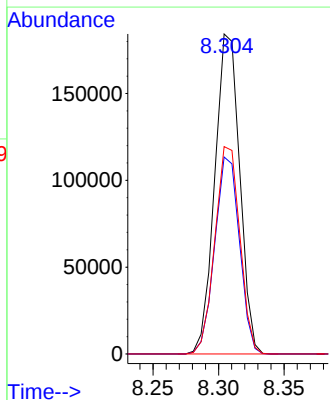
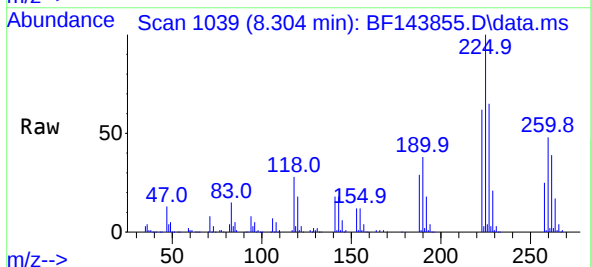
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 25.4  | 38.2  |
| 65  | 39.4  | 33.4  | 50.2  |
| 92  | 20.4  | 16.6  | 25.0  |

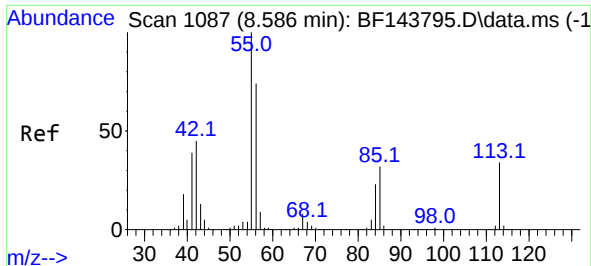


#34  
Hexachlorobutadiene  
Concen: 47.071 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:225 Resp: 243514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.5  | 48.6  | 72.8  |
| 227 | 64.8  | 51.9  | 77.9  |

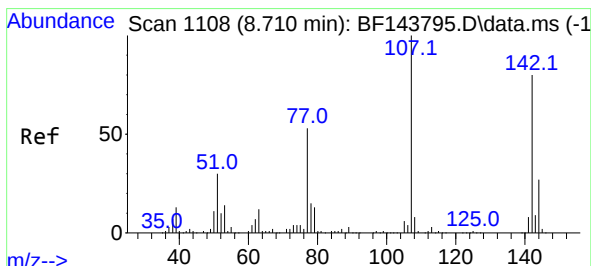
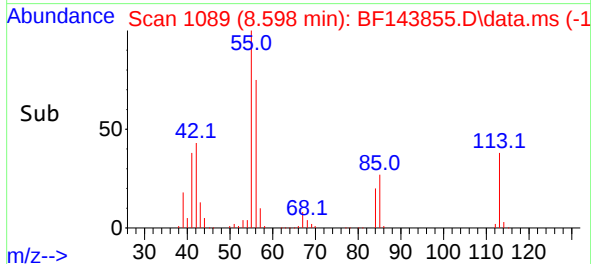
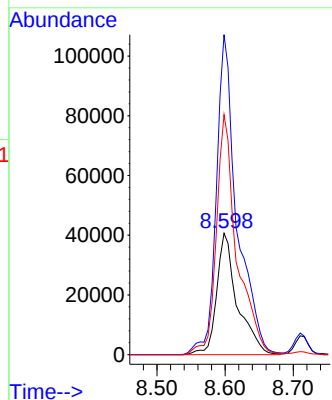
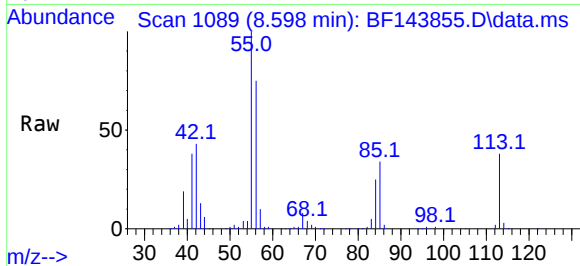




#35  
 Caprolactam  
 Concen: 50.365 ng  
 RT: 8.598 min Scan# 1087  
 Delta R.T. -0.012 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

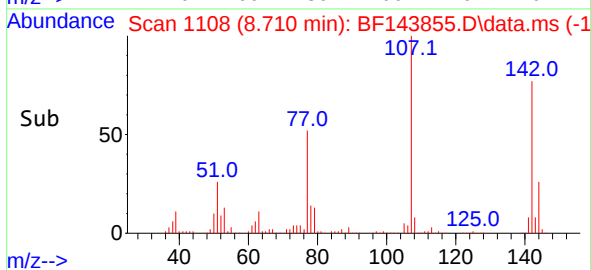
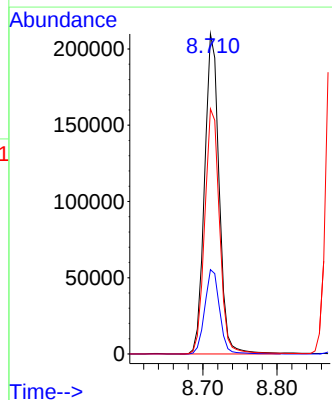
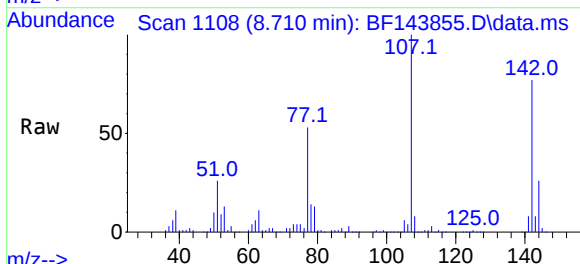
Instrument :  
 BNA\_F  
 ClientSampleId :

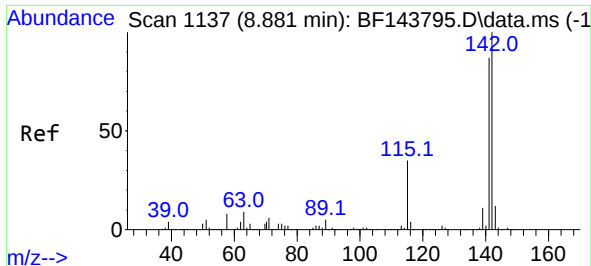
Tgt Ion:113 Resp: 86084  
 Ion Ratio Lower Upper  
 113 100  
 55 263.5 271.7 311.7#  
 56 197.6 194.5 234.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.796 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

Tgt Ion:107 Resp: 287211  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 21.8 32.8  
 142 76.6 63.6 95.4

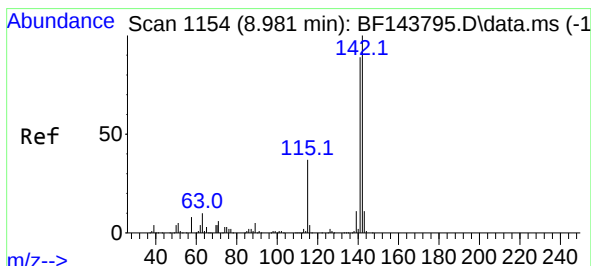
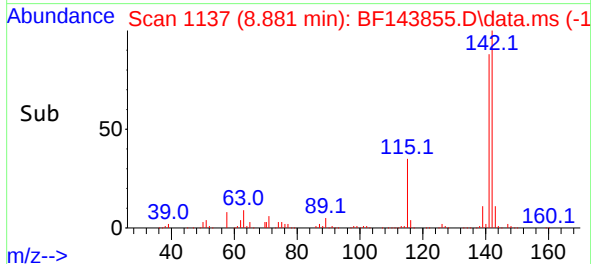
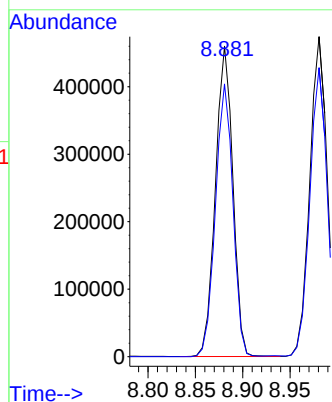
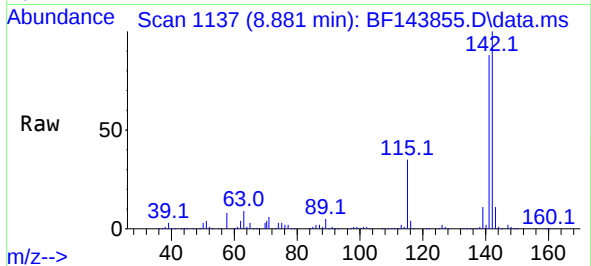




#37  
2-Methylnaphthalene  
Concen: 40.475 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

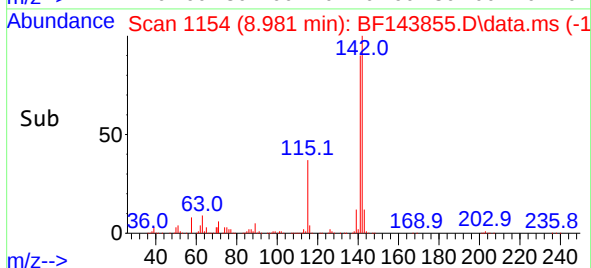
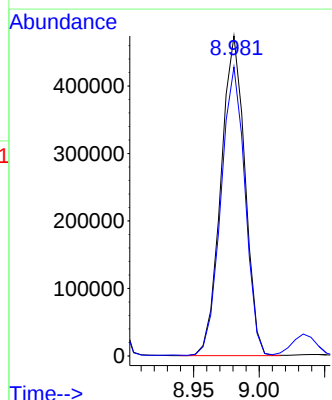
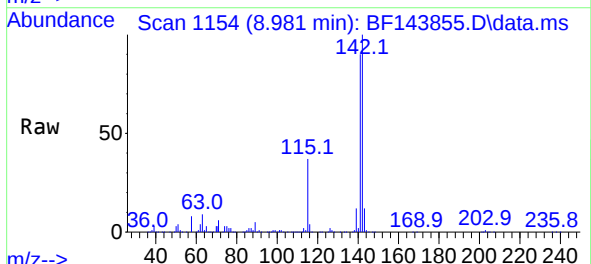
Instrument :  
BNA\_F  
ClientSampleId :

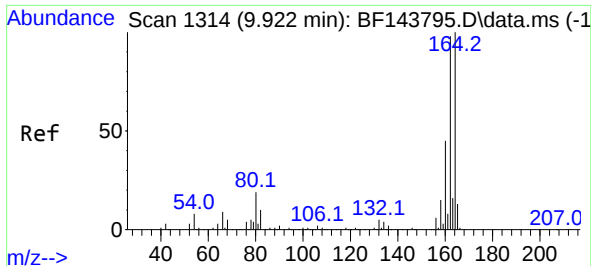
Tgt Ion:142 Resp: 590095  
Ion Ratio Lower Upper  
142 100  
141 87.8 69.4 104.0



#38  
1-Methylnaphthalene  
Concen: 43.158 ng  
RT: 8.981 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:142 Resp: 602257  
Ion Ratio Lower Upper  
142 100  
141 90.3 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA\_F

ClientSampleId :

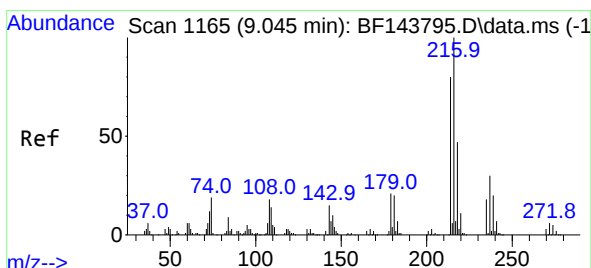
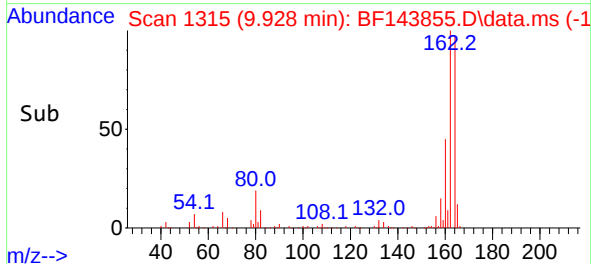
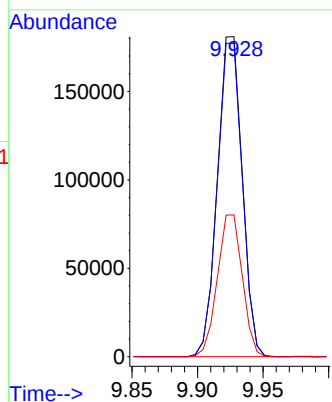
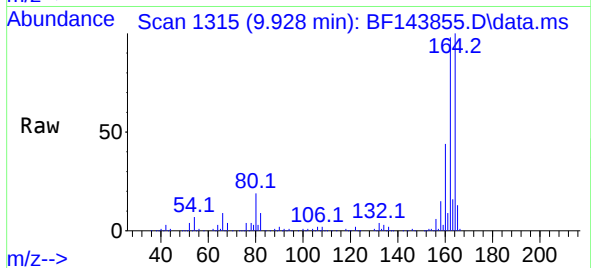
Tgt Ion:164 Resp: 238357

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

160 44.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.504 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Tgt Ion:216 Resp: 356094

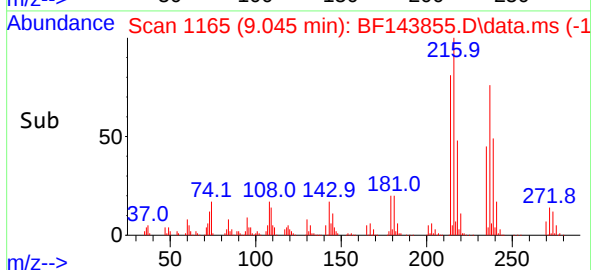
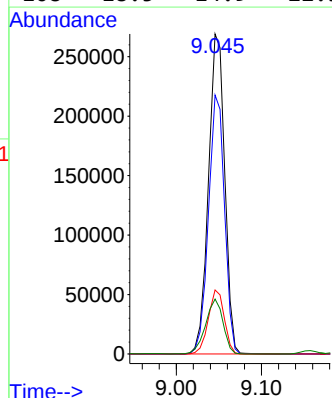
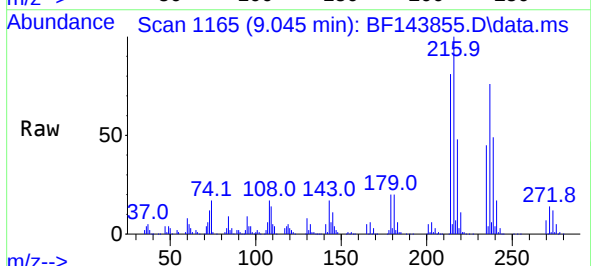
Ion Ratio Lower Upper

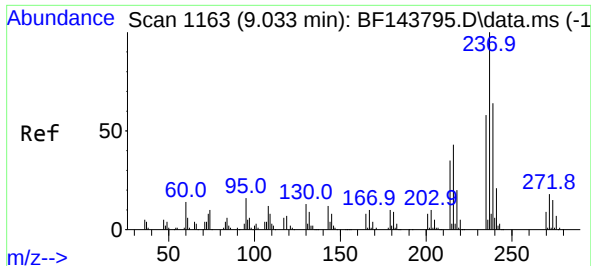
216 100

214 80.0 63.7 95.5

179 19.7 16.5 24.7

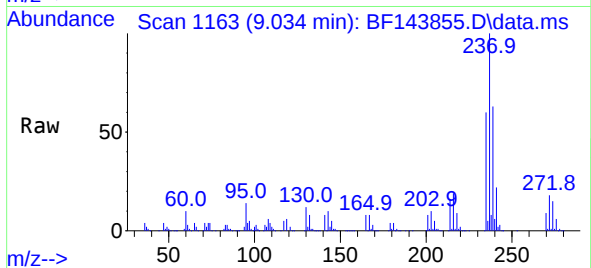
108 18.5 14.9 22.3



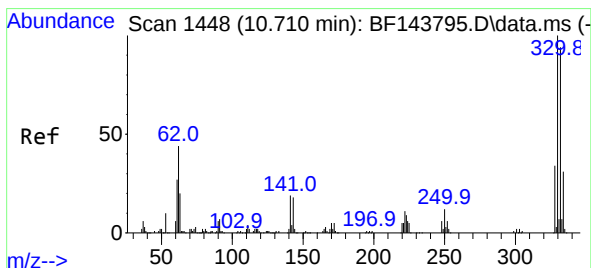
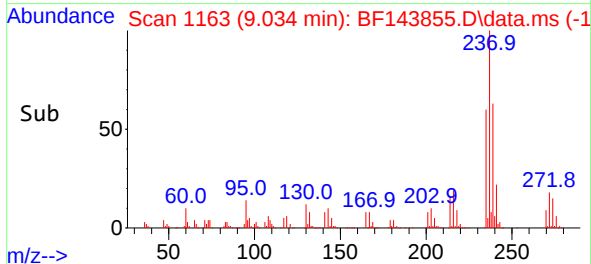
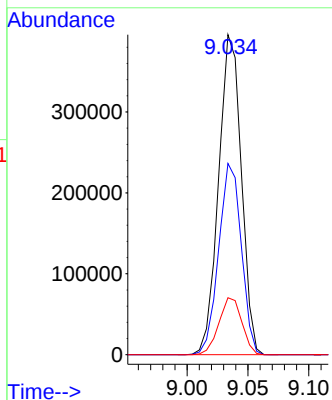


#41  
Hexachlorocyclopentadiene  
Concen: 112.761 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

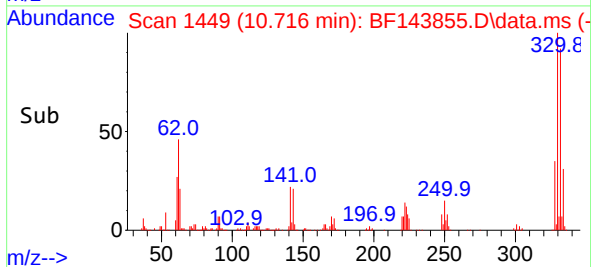
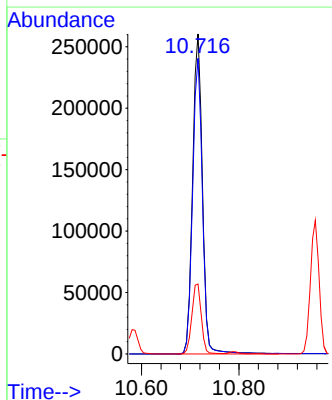
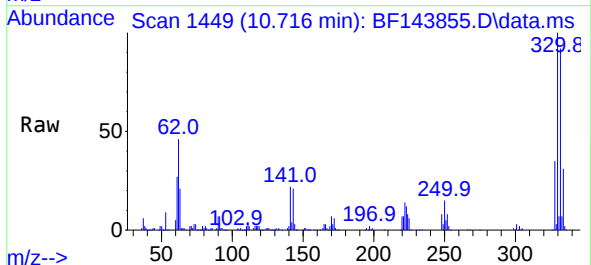


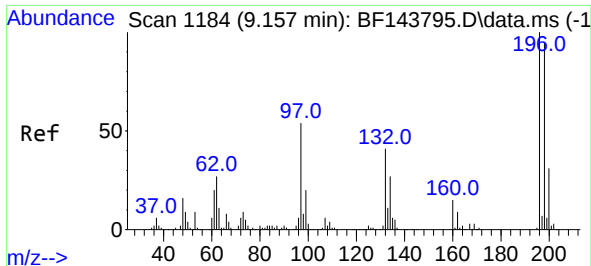
Tgt Ion:237 Resp: 514059  
Ion Ratio Lower Upper  
237 100  
235 59.7 38.1 78.1  
272 17.8 0.0 37.9



#42  
2,4,6-Tribromophenol  
Concen: 104.010 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

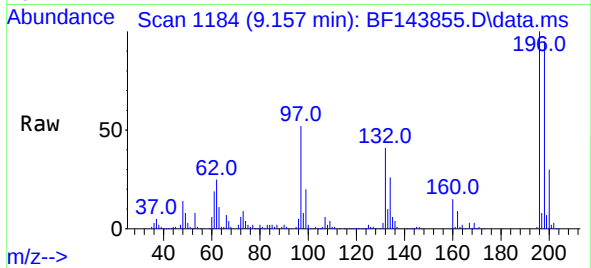
Tgt Ion:330 Resp: 367077  
Ion Ratio Lower Upper  
330 100  
332 92.6 74.7 112.1  
141 21.0 14.3 21.5



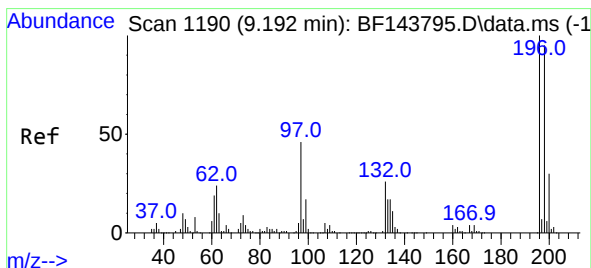
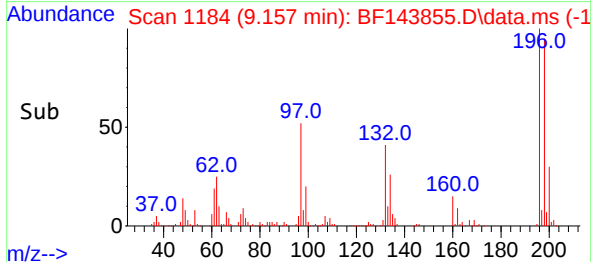
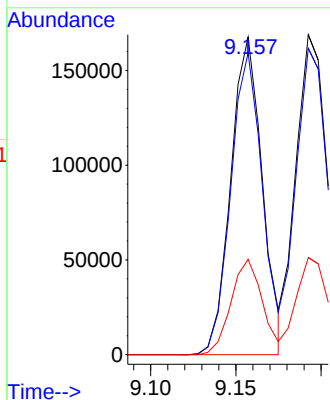


#43  
2,4,6-Trichlorophenol  
Concen: 47.815 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

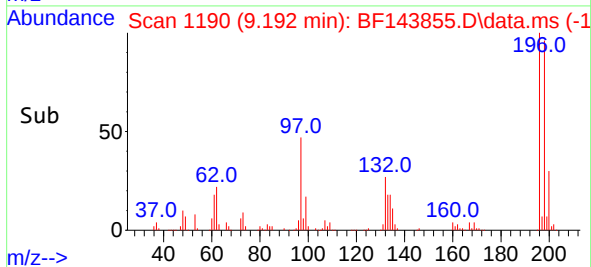
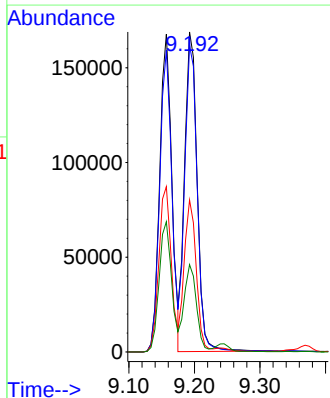
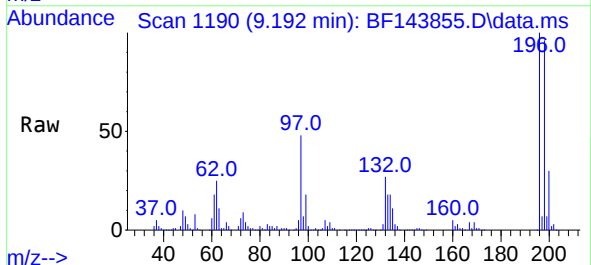


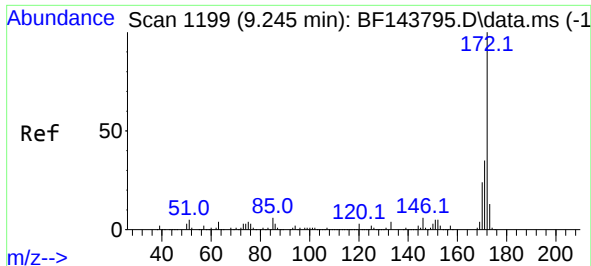
Tgt Ion:196 Resp: 215365  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.2 114.2  
200 30.0 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 47.494 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:196 Resp: 223754  
Ion Ratio Lower Upper  
196 100  
198 95.8 75.9 113.9  
97 47.5 38.3 57.5  
132 27.3 21.9 32.9

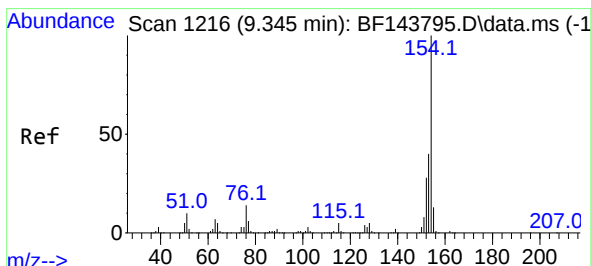
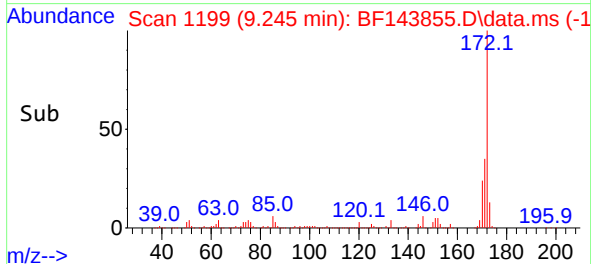
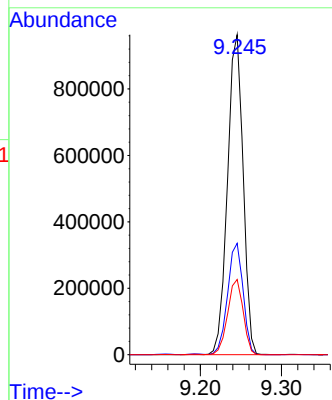
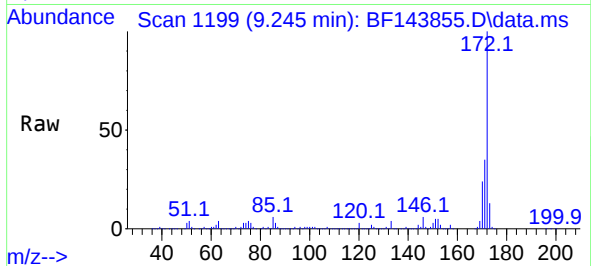




#45  
2-Fluorobiphenyl  
Concen: 84.438 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

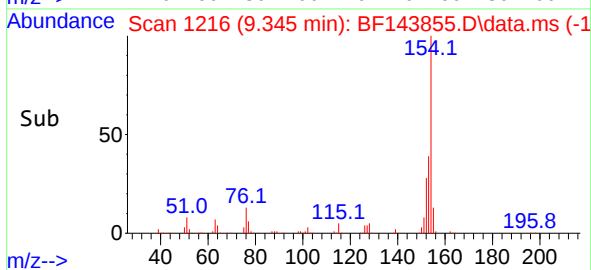
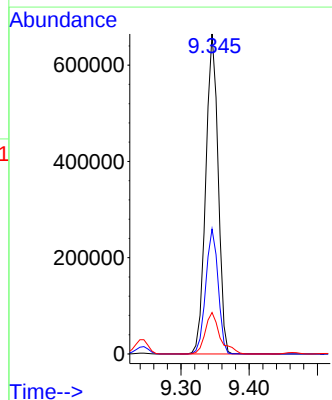
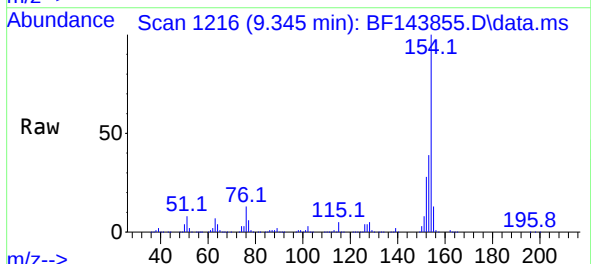
Instrument :  
BNA\_F  
ClientSampleId :

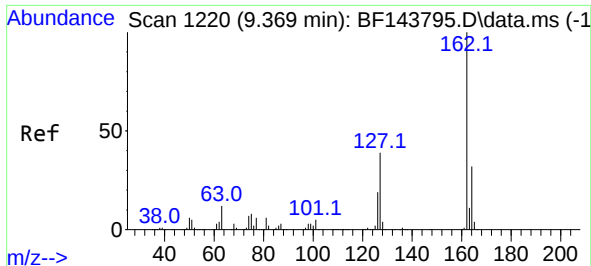
Tgt Ion:172 Resp: 1289750  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.5 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 48.680 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

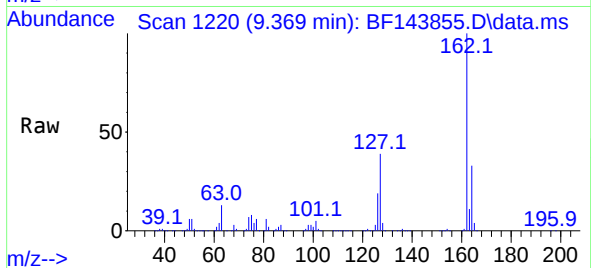
Tgt Ion:154 Resp: 839915  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.7 59.7  
76 13.0 0.0 33.8



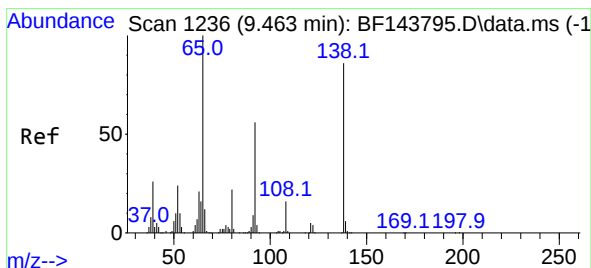
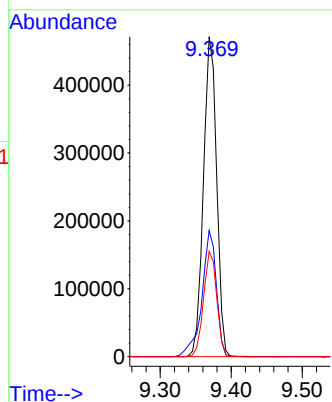
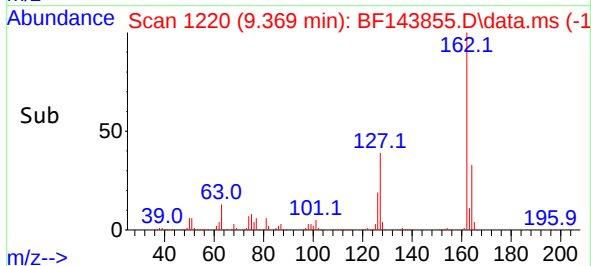


#47  
2-Chloronaphthalene  
Concen: 44.021 ng  
RT: 9.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

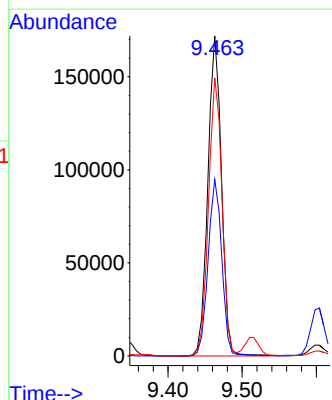
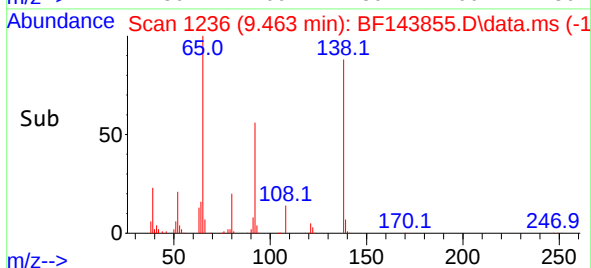
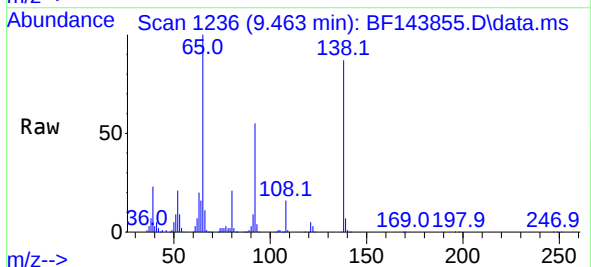


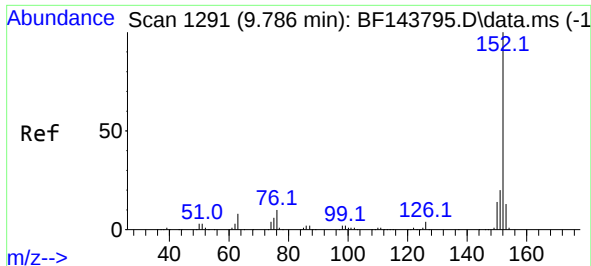
Tgt Ion:162 Resp: 611384  
Ion Ratio Lower Upper  
162 100  
127 39.4 31.5 47.3  
164 32.9 25.9 38.9



#48  
2-Nitroaniline  
Concen: 52.364 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion: 65 Resp: 219806  
Ion Ratio Lower Upper  
65 100  
92 55.2 44.9 67.3  
138 86.9 69.0 103.4





#49

Acenaphthylene

Concen: 50.484 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

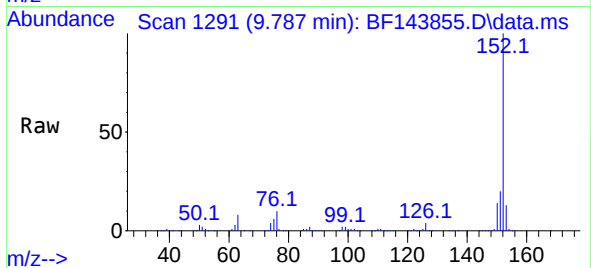
Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA\_F

ClientSampleId :



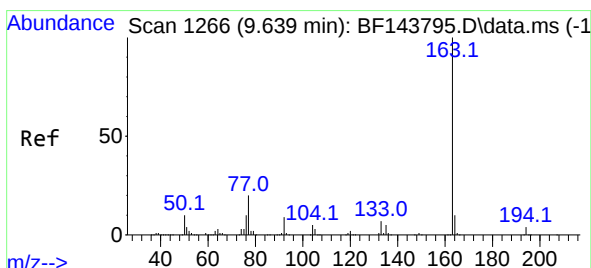
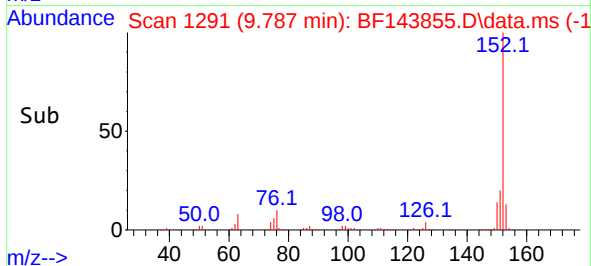
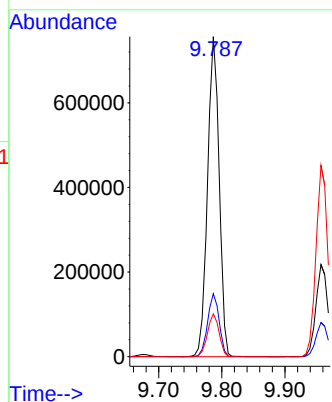
Tgt Ion:152 Resp: 965232

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.629 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

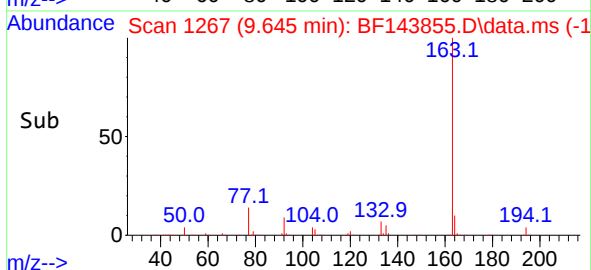
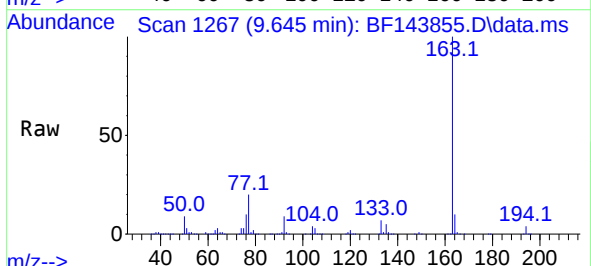
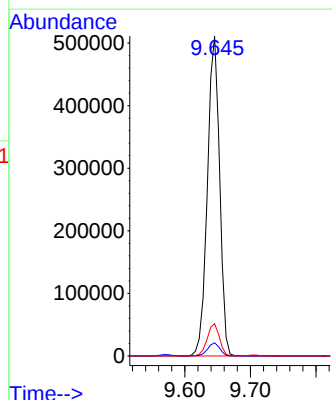
Tgt Ion:163 Resp: 662888

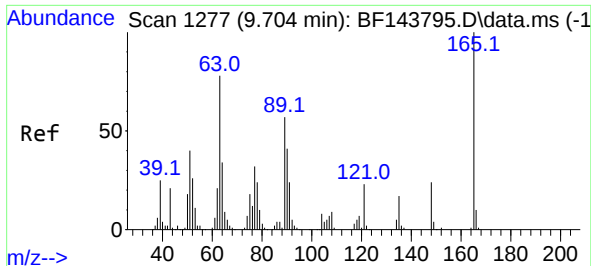
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

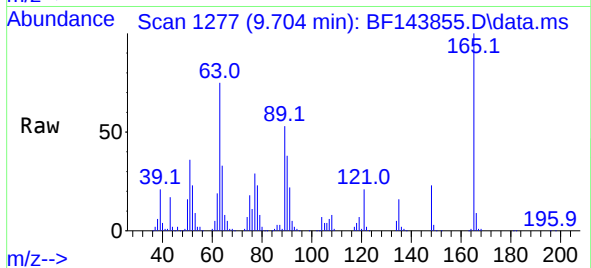
164 10.1 8.2 12.2



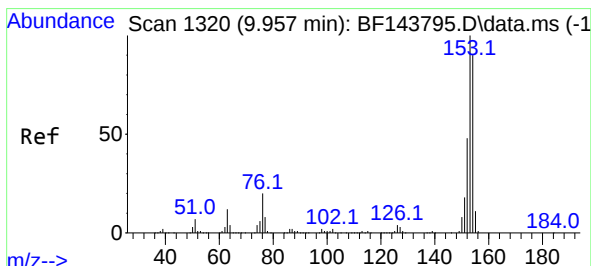
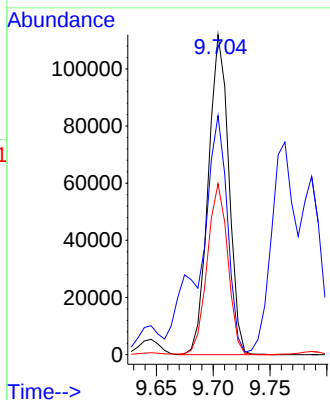
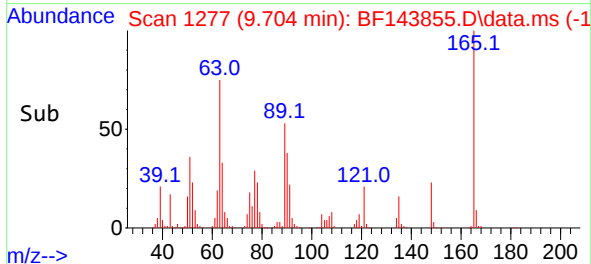


#51  
2,6-Dinitrotoluene  
Concen: 58.663 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

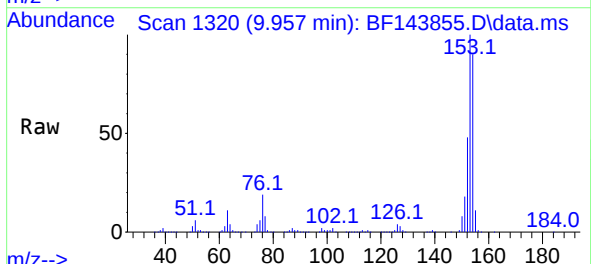
Instrument :  
BNA\_F  
ClientSampleId :



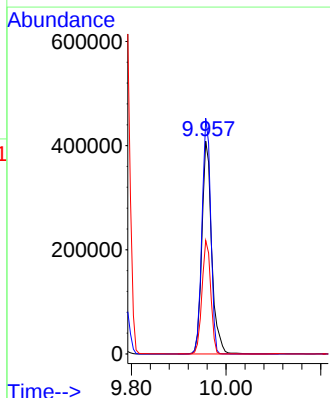
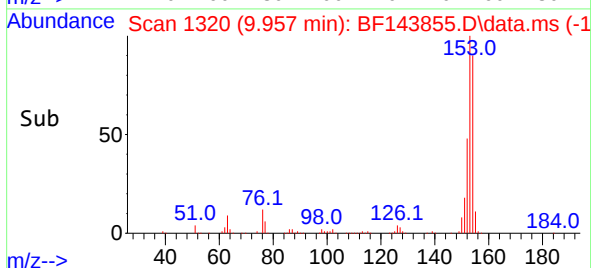
Tgt Ion:165 Resp: 140025  
Ion Ratio Lower Upper  
165 100  
63 74.7 62.6 94.0  
89 53.5 45.2 67.8

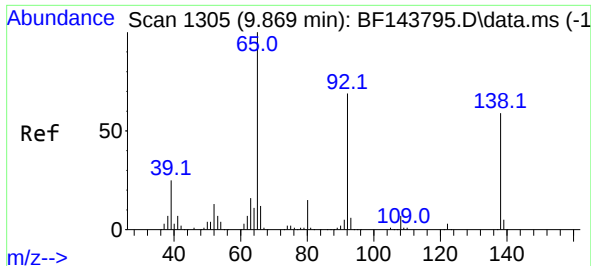


#52  
Acenaphthene  
Concen: 46.664 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



Tgt Ion:154 Resp: 587128  
Ion Ratio Lower Upper  
154 100  
153 110.7 88.7 133.1  
152 53.3 42.7 64.1

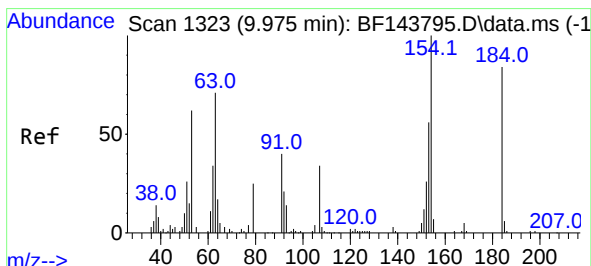
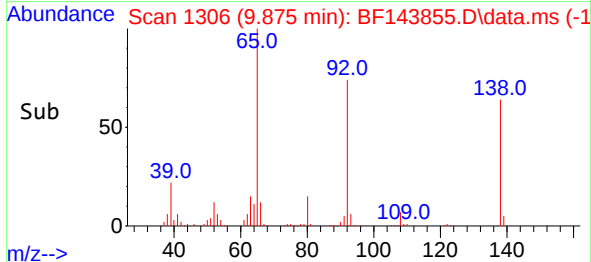
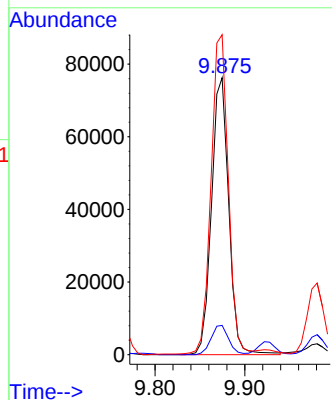
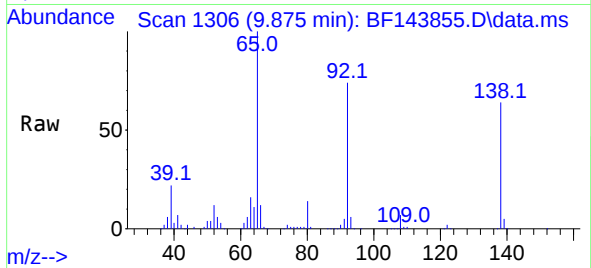




#53  
3-Nitroaniline  
Concen: 35.102 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

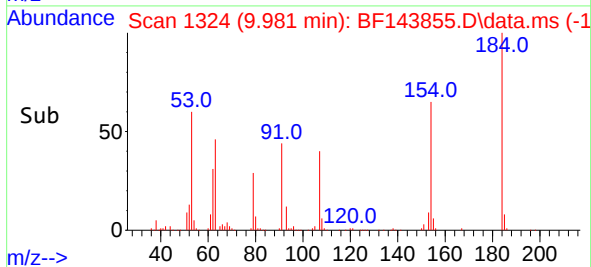
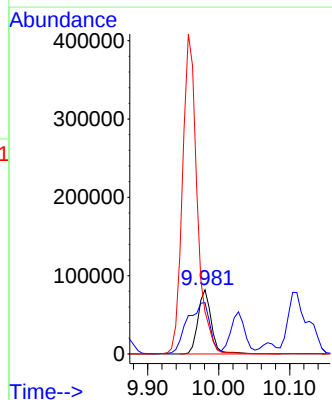
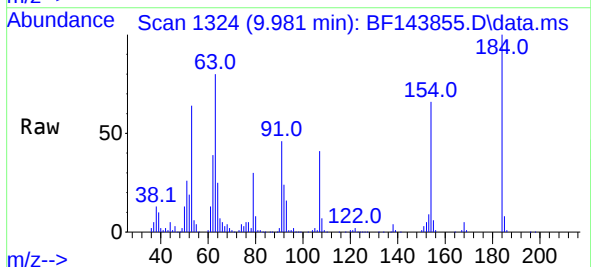
Instrument :  
BNA\_F  
ClientSampleId :

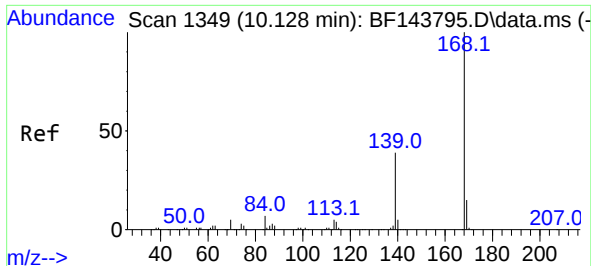
Tgt Ion:138 Resp: 101558  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.9 14.9  
92 115.5 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 94.393 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:184 Resp: 107395  
Ion Ratio Lower Upper  
184 100  
63 79.9 84.6 127.0#  
154 65.7 199.3 298.9#

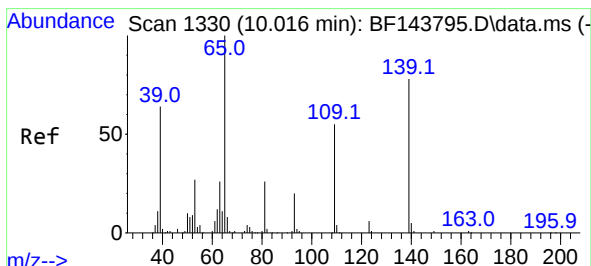
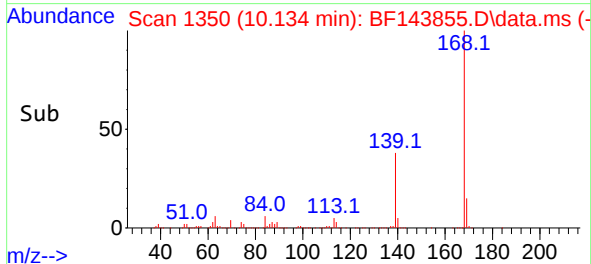
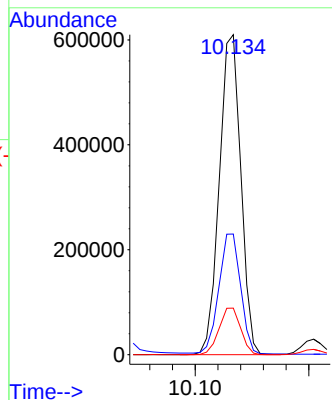
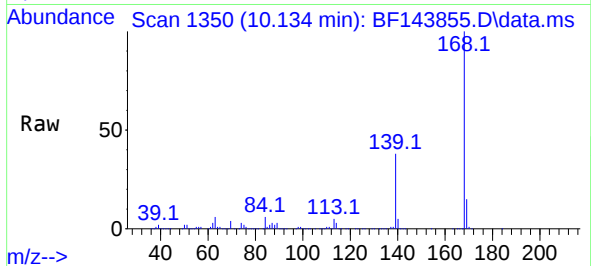




#55  
Dibenzenofuran  
Concen: 45.090 ng  
RT: 10.134 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

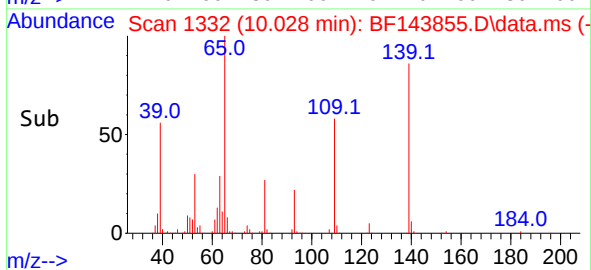
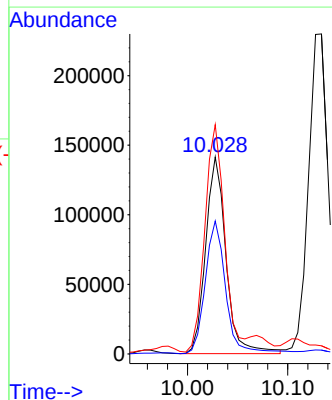
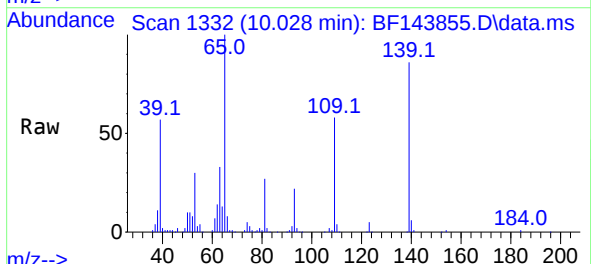
Instrument :  
BNA\_F  
ClientSampleId :

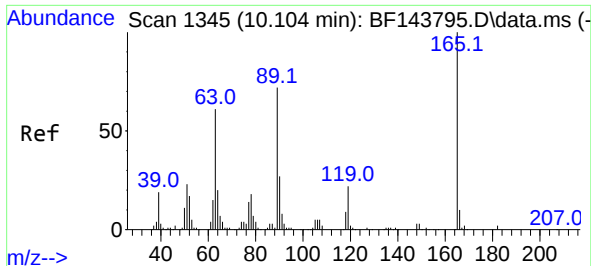
Tgt Ion:168 Resp: 802245  
Ion Ratio Lower Upper  
168 100  
139 37.7 31.0 46.6  
169 14.6 11.9 17.9



#56  
4-Nitrophenol  
Concen: 85.981 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

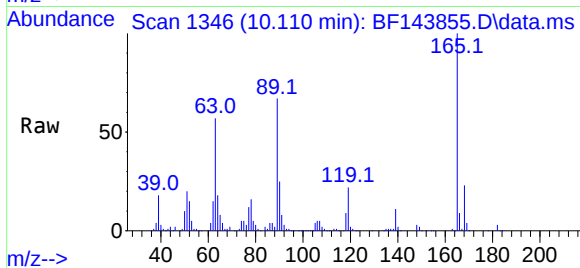
Tgt Ion:139 Resp: 200464  
Ion Ratio Lower Upper  
139 100  
109 67.5 50.2 90.2  
65 116.4 109.2 149.2



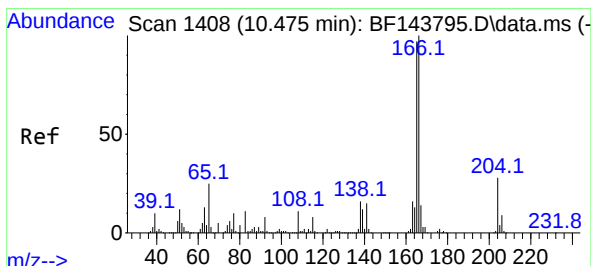
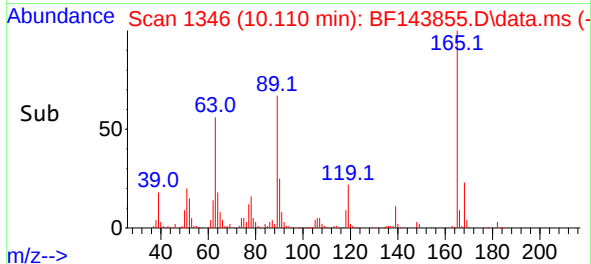
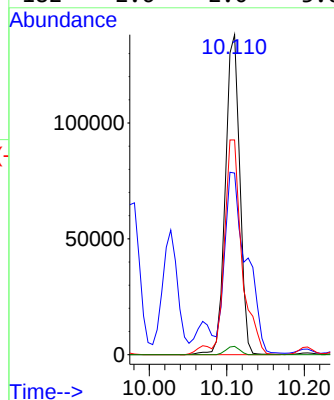


#57  
2,4-Dinitrotoluene  
Concen: 50.215 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

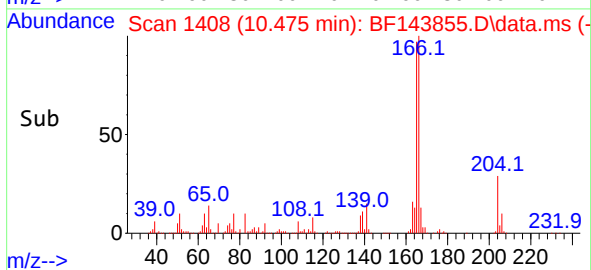
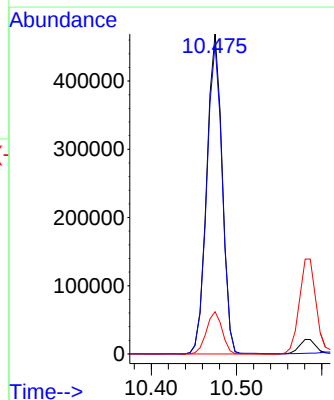
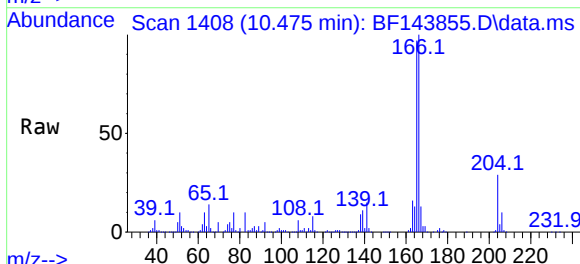


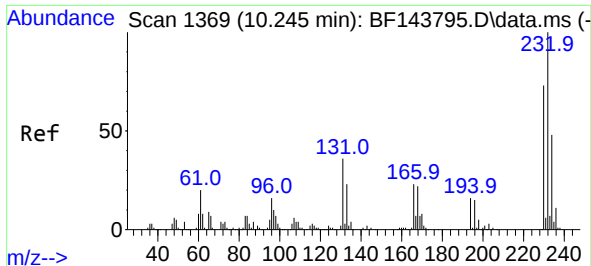
Tgt Ion:165 Resp: 178413  
Ion Ratio Lower Upper  
165 100  
63 56.8 48.9 73.3  
89 67.1 57.5 86.3  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 44.747 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

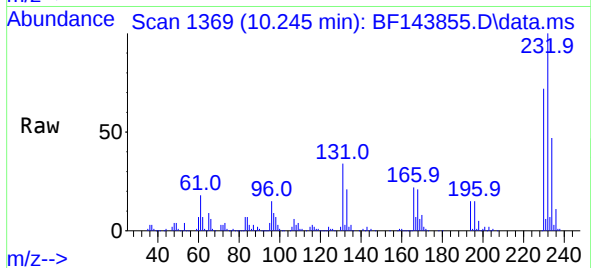
Tgt Ion:166 Resp: 591871  
Ion Ratio Lower Upper  
166 100  
165 96.7 78.0 117.0  
167 13.2 10.9 16.3



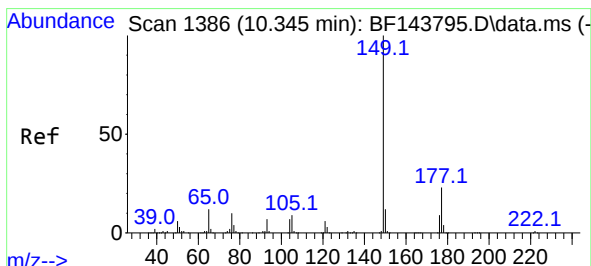
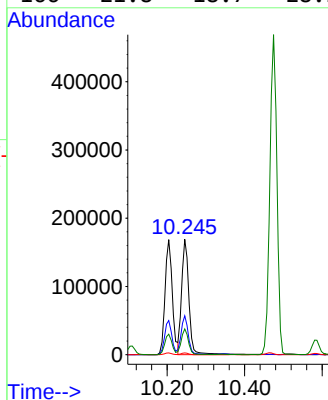
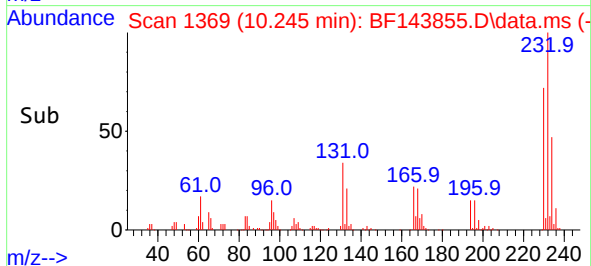


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.769 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

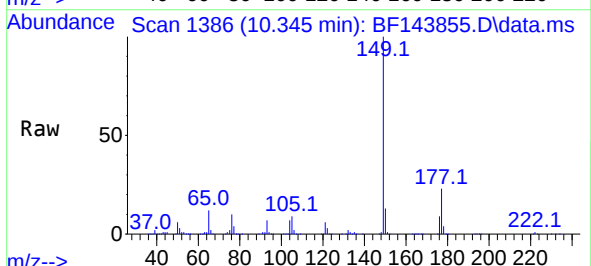
Instrument :  
BNA\_F  
ClientSampleId :



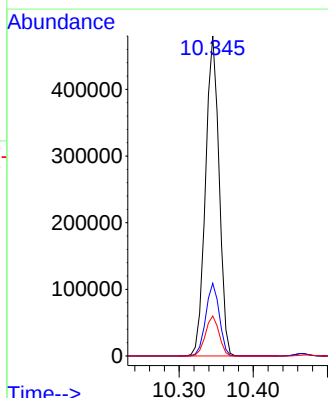
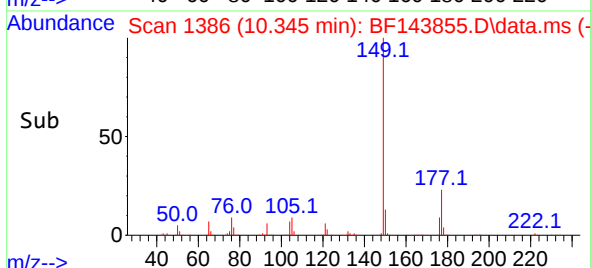
Tgt Ion:232 Resp: 221046  
Ion Ratio Lower Upper  
232 100  
131 33.7 29.4 44.2  
130 1.5 1.3 1.9  
166 21.8 18.7 28.1

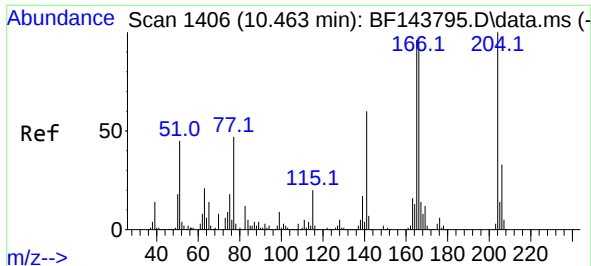


#60  
Diethylphthalate  
Concen: 44.916 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



Tgt Ion:149 Resp: 610835  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.1 27.1  
150 12.5 9.7 14.5

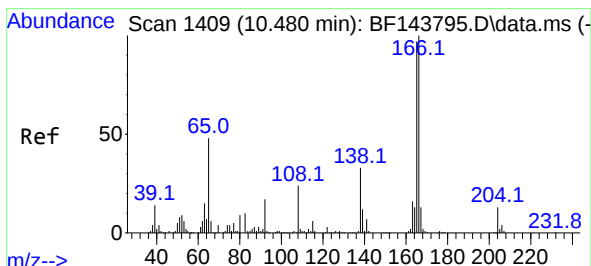
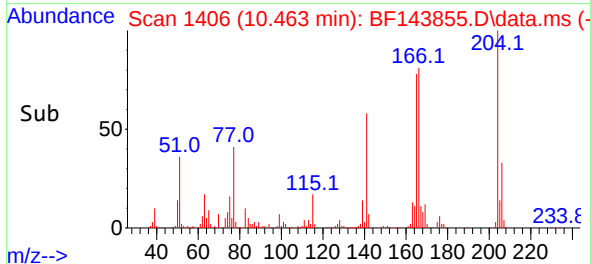
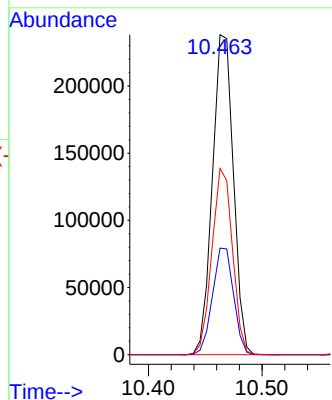
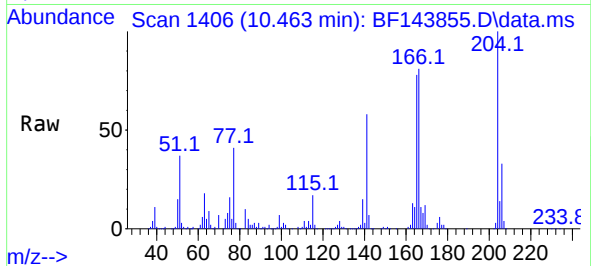




#61  
4-Chlorophenyl-phenylether  
Concen: 45.406 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

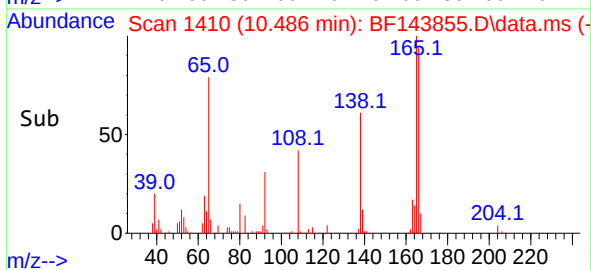
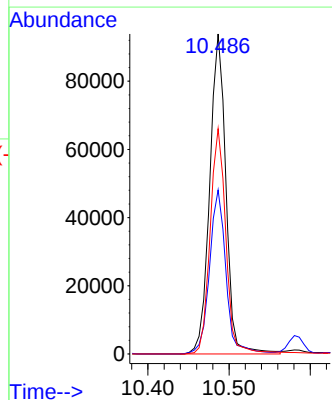
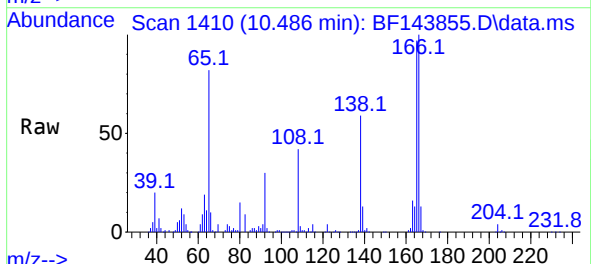
Instrument :  
BNA\_F  
ClientSampleId :

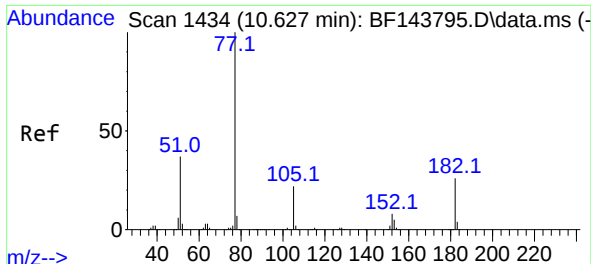
Tgt Ion:204 Resp: 306013  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.7 40.1  
141 58.2 48.2 72.2



#62  
4-Nitroaniline  
Concen: 47.829 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

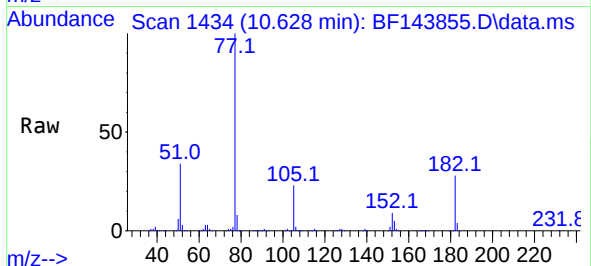
Tgt Ion:138 Resp: 130116  
Ion Ratio Lower Upper  
138 100  
92 51.3 31.5 71.5  
108 70.4 51.9 91.9



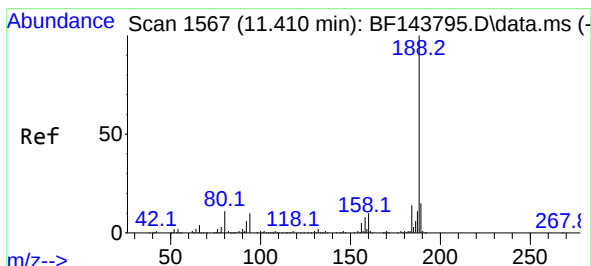
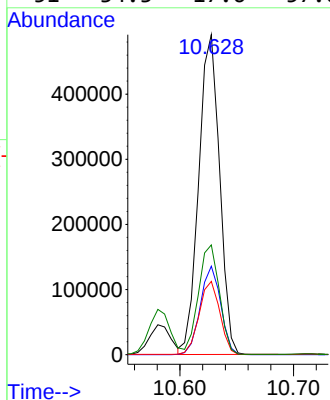
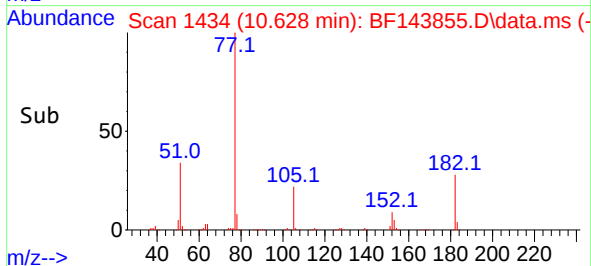


#63  
Azobenzene  
Concen: 43.768 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

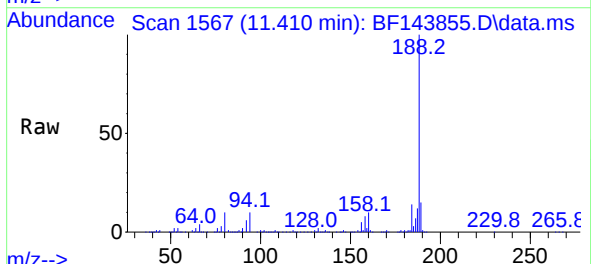
Instrument :  
BNA\_F  
ClientSampleId :



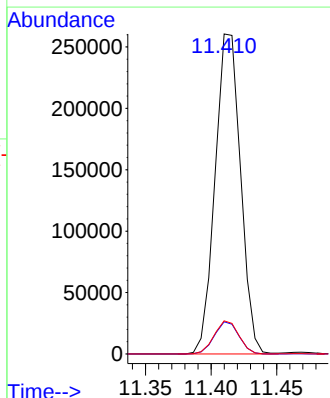
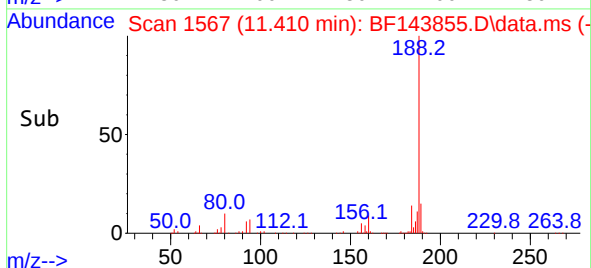
Tgt Ion: 77 Resp: 627301  
Ion Ratio Lower Upper  
77 100  
182 27.7 5.9 45.9  
105 22.9 2.3 42.3  
51 34.3 17.6 57.6

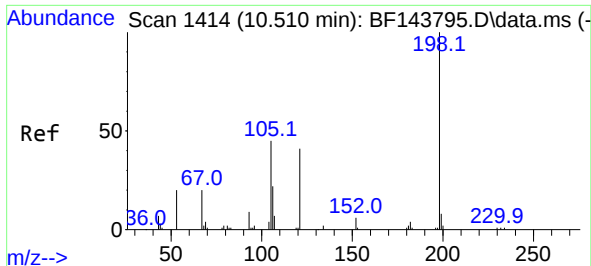


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



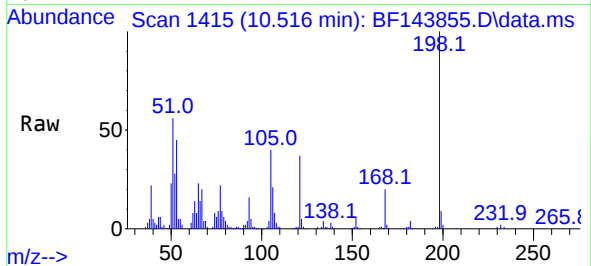
Tgt Ion: 188 Resp: 352292  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.2 12.2  
80 10.4 8.6 12.8



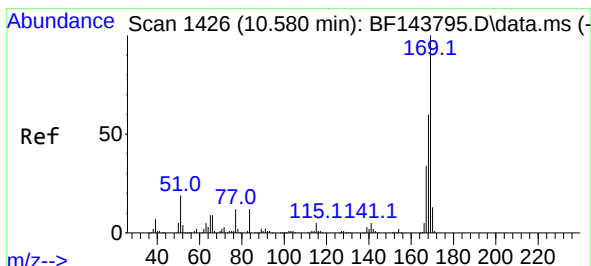
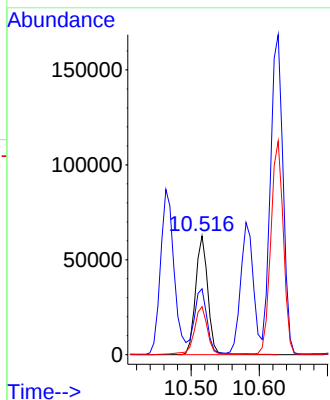
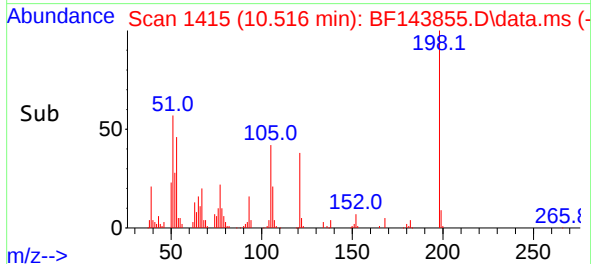


#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.179 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

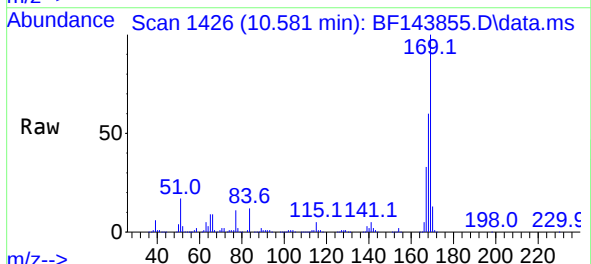
Instrument :  
BNA\_F  
ClientSampleId :



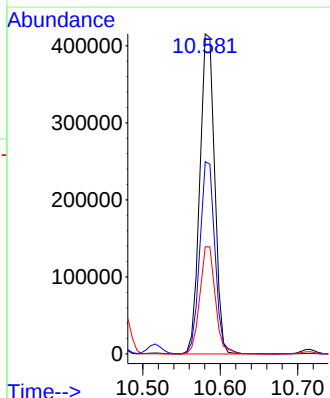
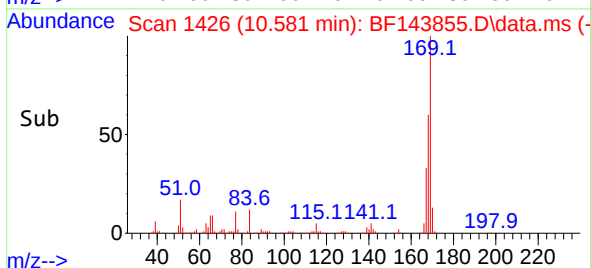
Tgt Ion:198 Resp: 77855  
Ion Ratio Lower Upper  
198 100  
51 55.6 52.0 92.0  
105 40.4 27.5 67.5

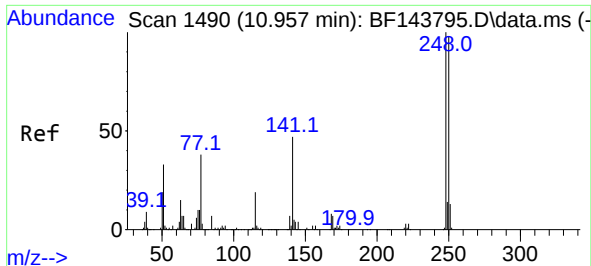


#66  
n-Nitrosodiphenylamine  
Concen: 47.685 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



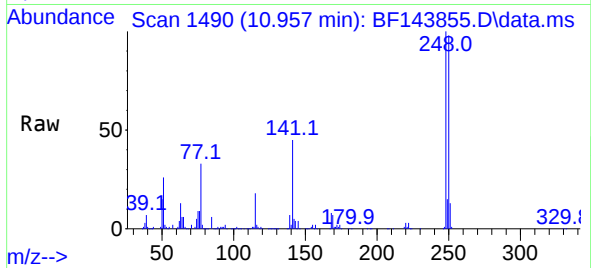
Tgt Ion:169 Resp: 552464  
Ion Ratio Lower Upper  
169 100  
168 60.0 47.9 71.9  
167 33.5 27.0 40.6



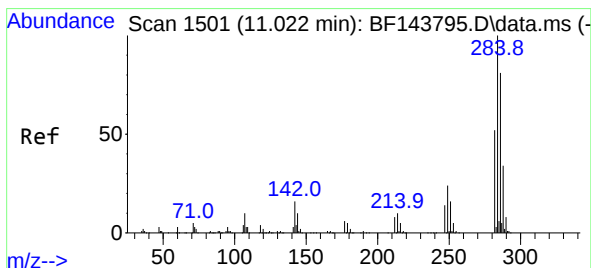
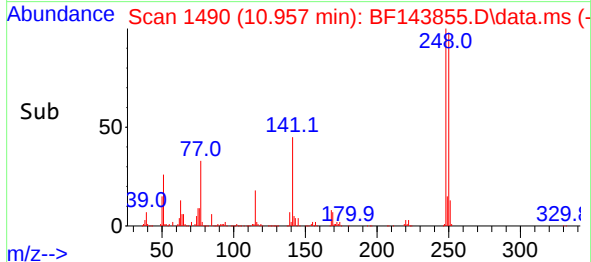
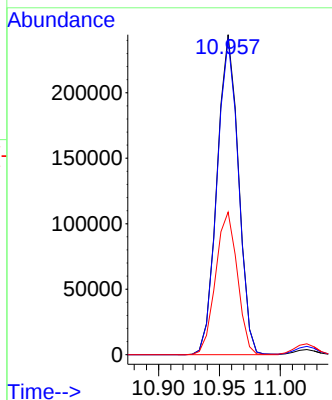


#67  
4-Bromophenyl-phenylether  
Concen: 49.865 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

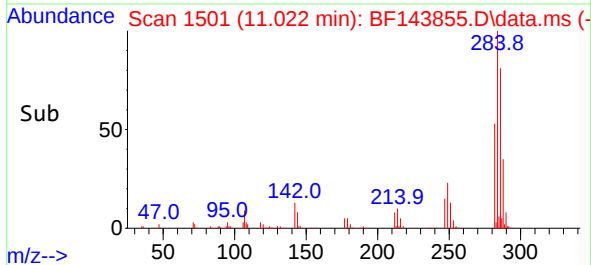
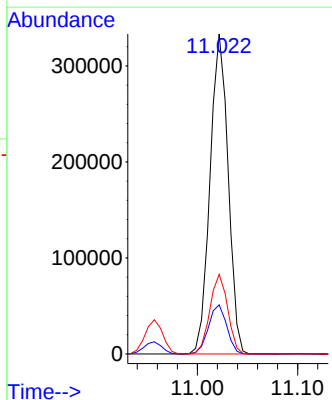
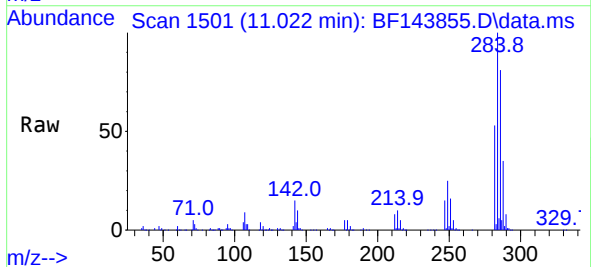


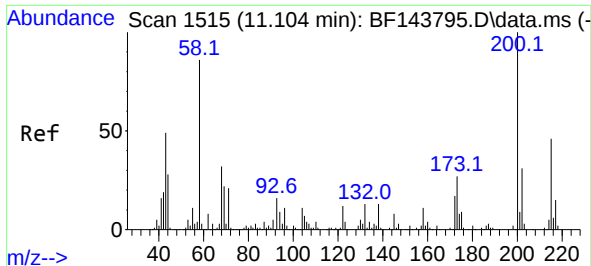
Tgt Ion:248 Resp: 299372  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.7 118.1  
141 44.6 37.9 56.9



#68  
Hexachlorobenzene  
Concen: 50.529 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

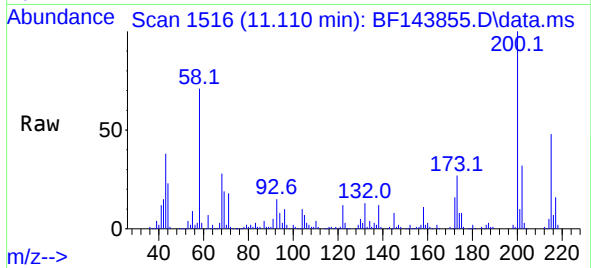
Tgt Ion:284 Resp: 418057  
Ion Ratio Lower Upper  
284 100  
142 15.3 13.1 19.7  
249 24.8 19.5 29.3



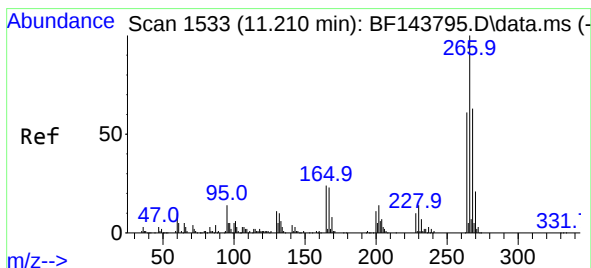
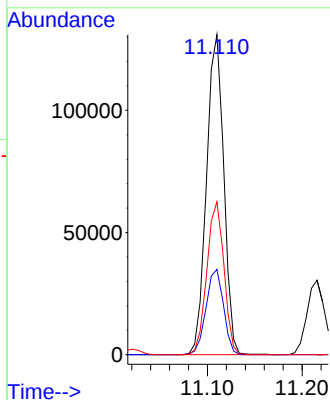
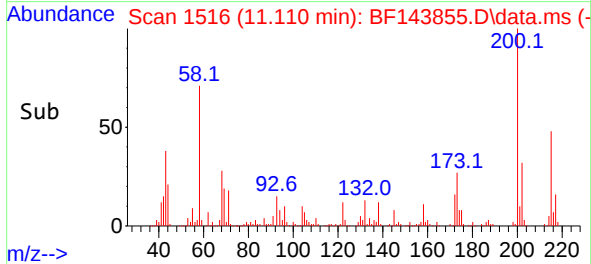


#69  
Atrazine  
Concen: 49.435 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

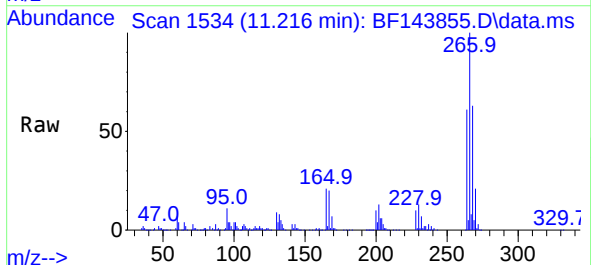
Instrument :  
BNA\_F  
ClientSampleId :



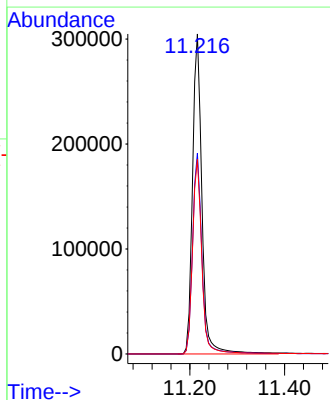
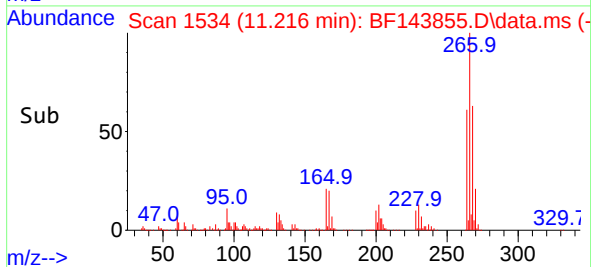
Tgt Ion:200 Resp: 165856  
Ion Ratio Lower Upper  
200 100  
173 26.6 7.2 47.2  
215 47.8 26.0 66.0

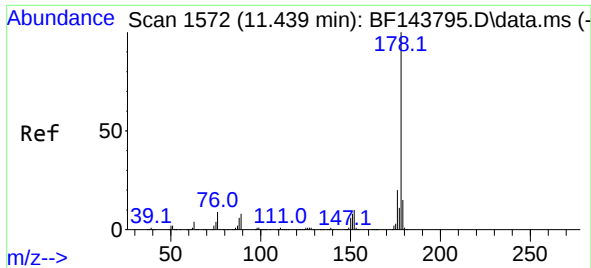


#70  
Pentachlorophenol  
Concen: 102.290 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



Tgt Ion:266 Resp: 421274  
Ion Ratio Lower Upper  
266 100  
268 62.8 50.5 75.7  
264 60.8 48.8 73.2

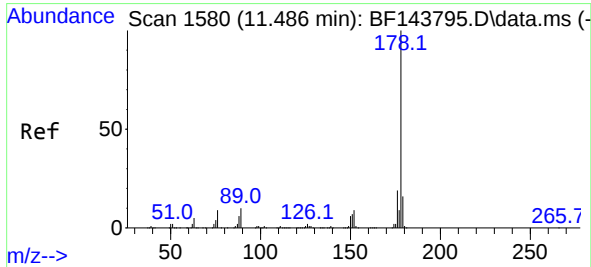
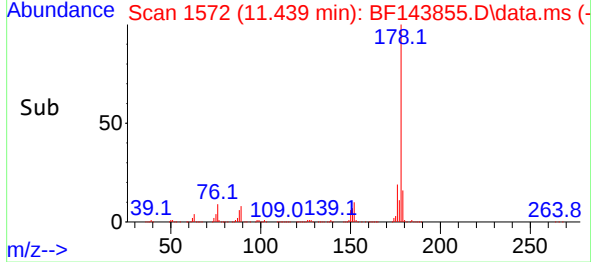
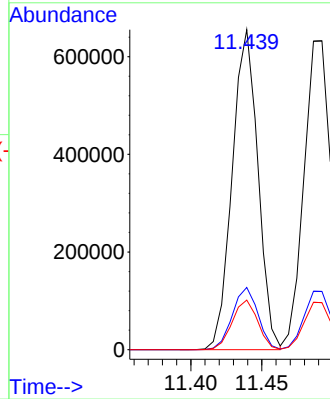
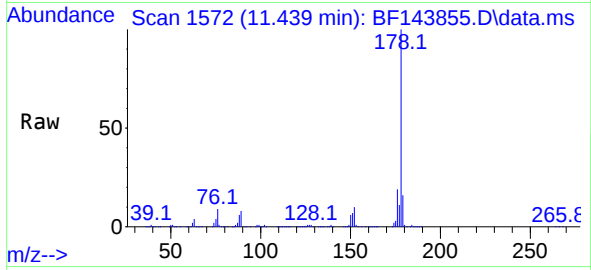




#71  
Phenanthrene  
Concen: 45.637 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

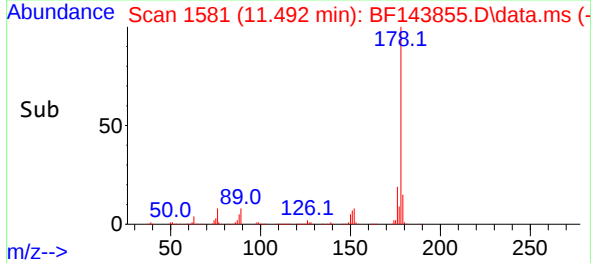
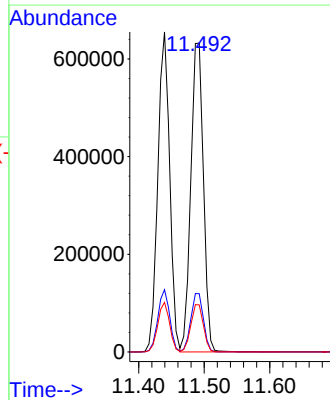
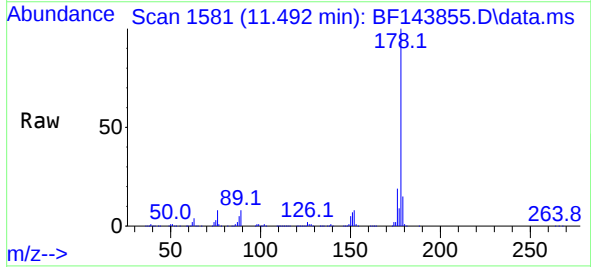
Instrument :  
BNA\_F  
ClientSampleId :

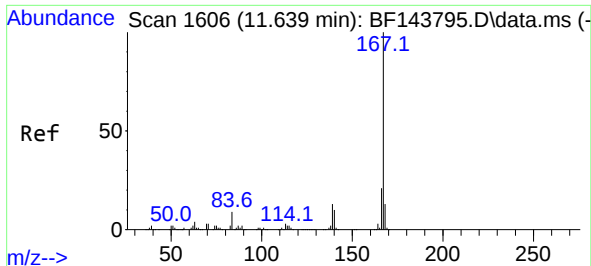
Tgt Ion:178 Resp: 825423  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.5 12.2 18.4



#72  
Anthracene  
Concen: 46.400 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:178 Resp: 841805  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.3 12.8 19.2

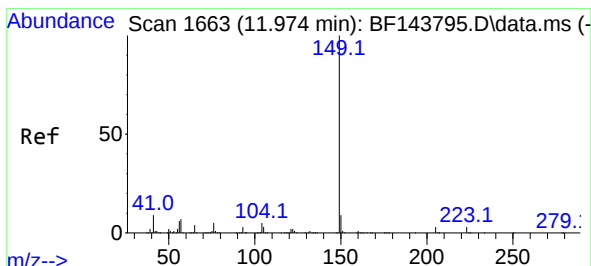
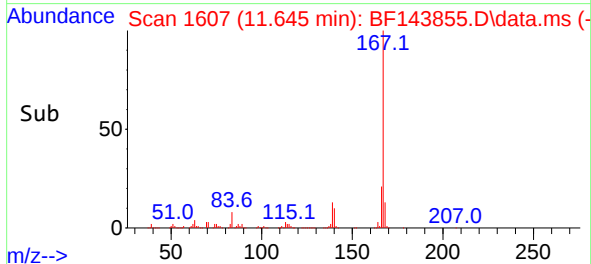
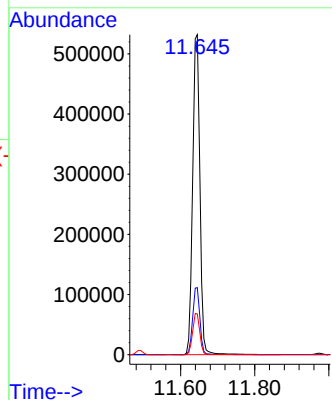
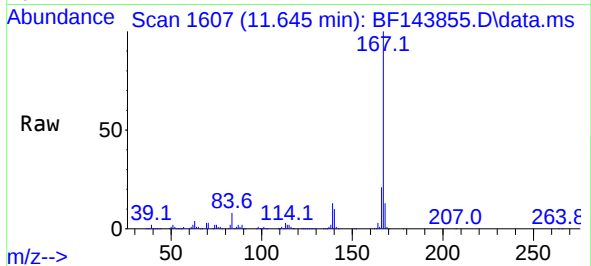




#73  
Carbazole  
Concen: 45.639 ng  
RT: 11.645 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

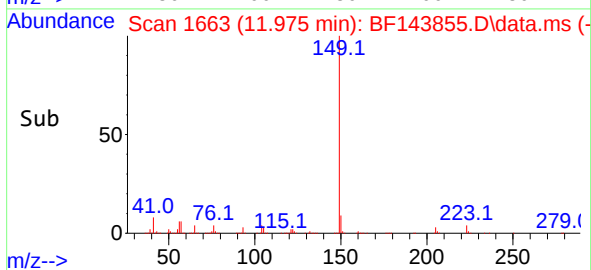
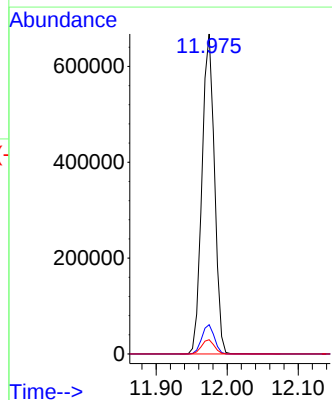
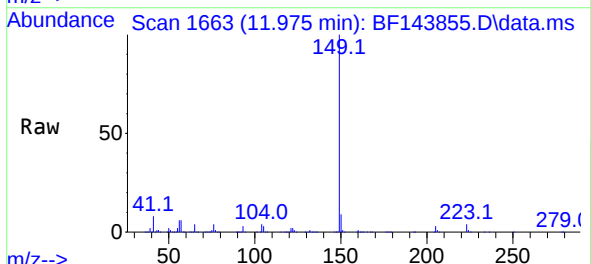
Instrument :  
BNA\_F  
ClientSampleId :

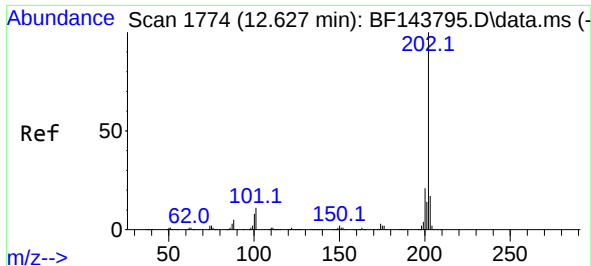
Tgt Ion:167 Resp: 723940  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.0 25.4  
139 12.7 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 44.975 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:149 Resp: 820467  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 4.4 3.6 5.4

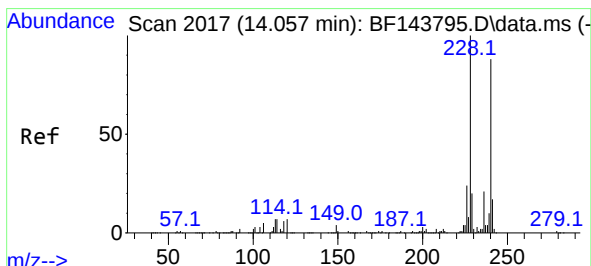
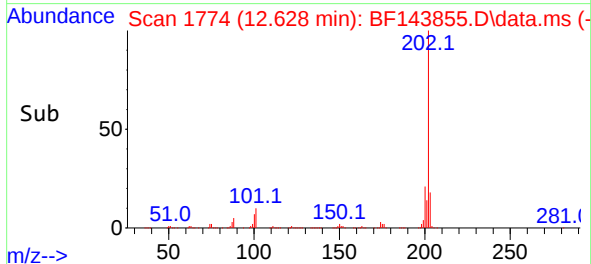
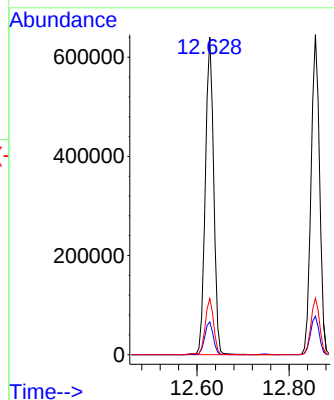
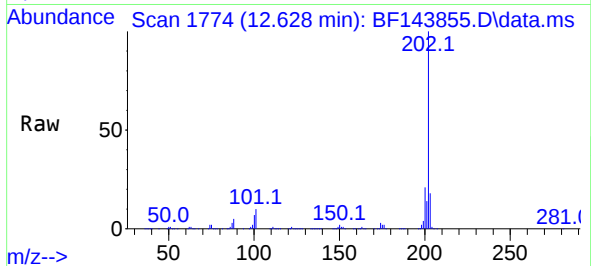




#75  
Fluoranthene  
Concen: 44.655 ng  
RT: 12.628 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

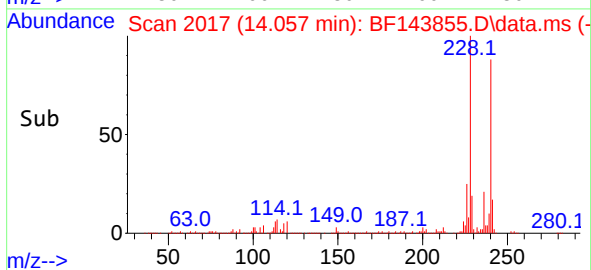
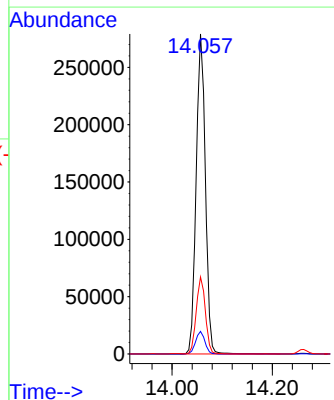
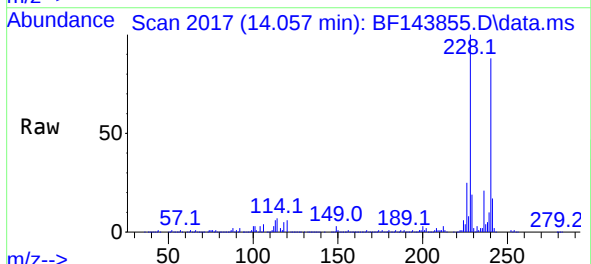
Instrument :  
BNA\_F  
ClientSampleId :

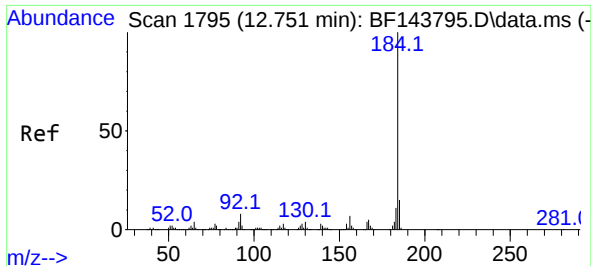
Tgt Ion:202 Resp: 812325  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 31.1  
203 17.7 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Tgt Ion:240 Resp: 355233  
Ion Ratio Lower Upper  
240 100  
120 7.1 6.2 9.4  
236 24.1 19.4 29.2

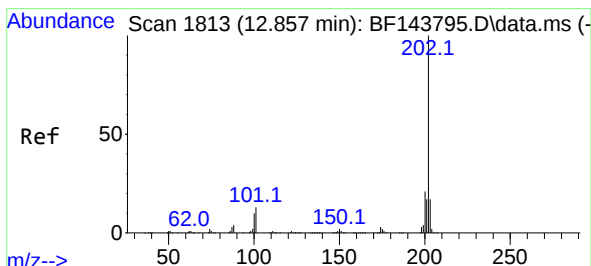
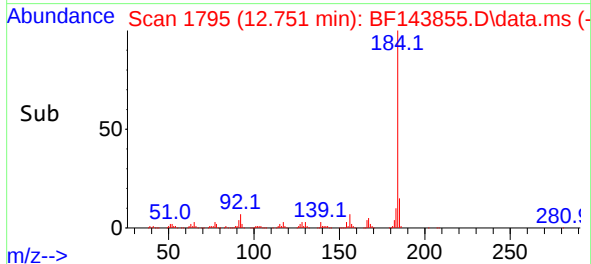
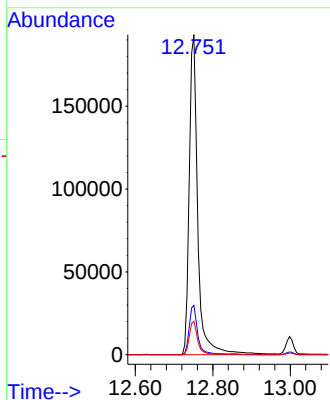
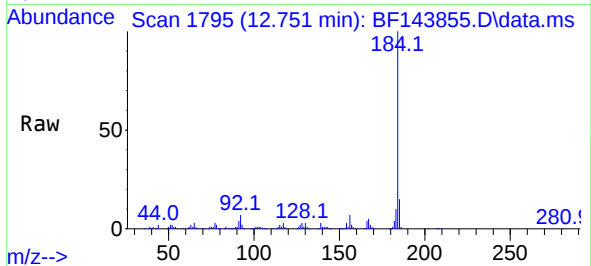




#77  
Benzidine  
Concen: 34.183 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

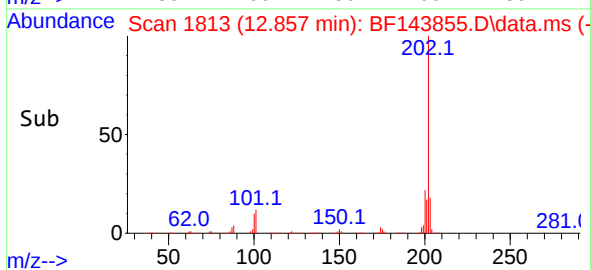
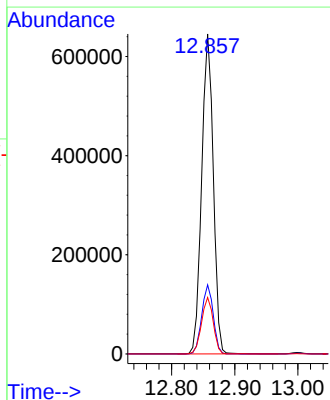
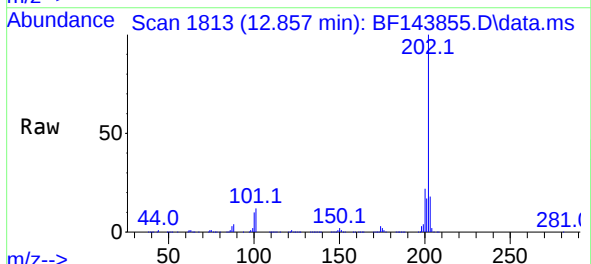
Instrument :  
BNA\_F  
ClientSampleId :

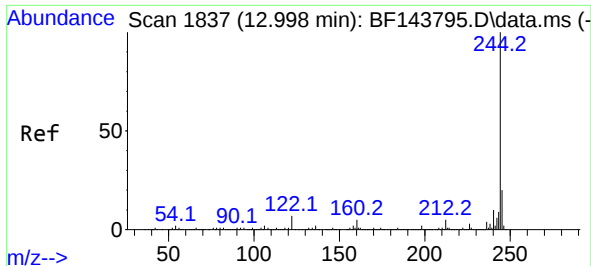
Tgt Ion:184 Resp: 295898  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.6 17.4  
183 10.4 8.6 13.0



#78  
Pyrene  
Concen: 47.166 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

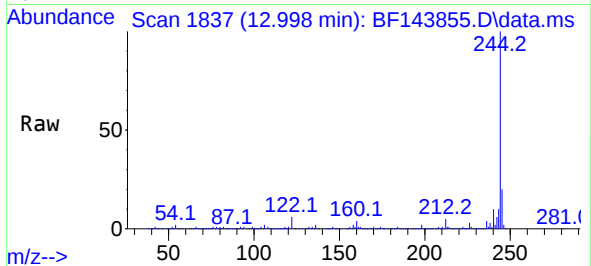
Tgt Ion:202 Resp: 823750  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.0 25.4  
203 17.6 13.9 20.9





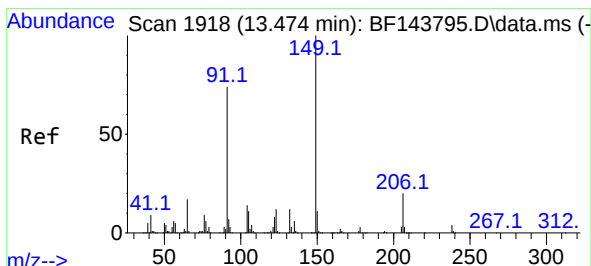
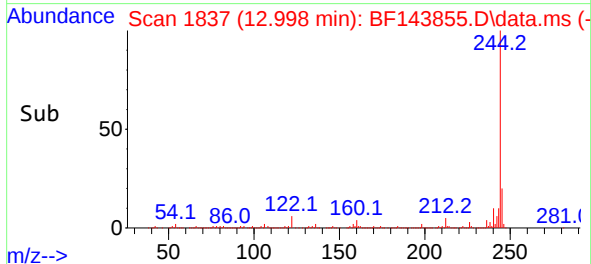
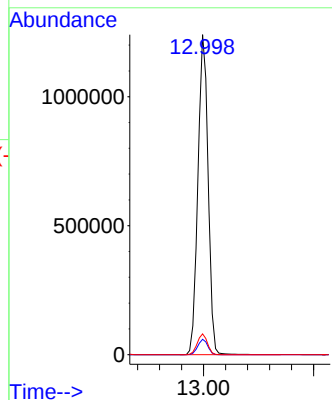
#79  
 Terphenyl-d14  
 Concen: 91.522 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:244 Resp: 1598608  

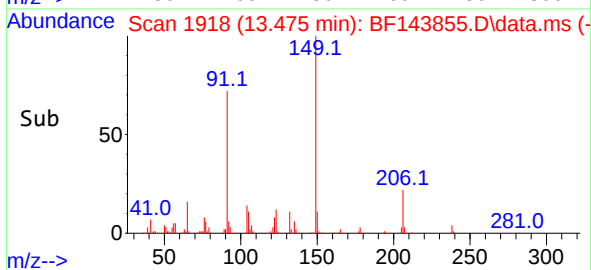
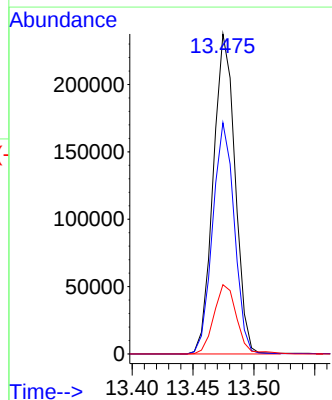
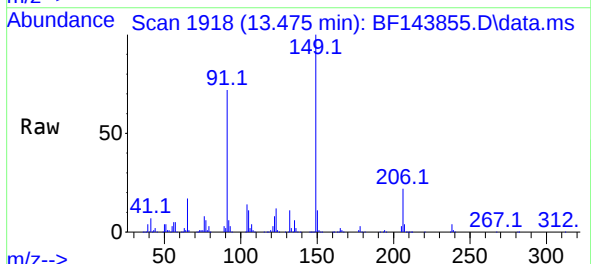
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 4.8   | 3.9   | 5.9   |
| 122 | 6.5   | 5.6   | 8.4   |

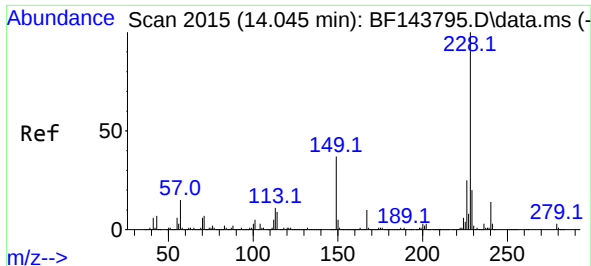


#80  
 Butylbenzylphthalate  
 Concen: 49.044 ng  
 RT: 13.475 min Scan# 1918  
 Delta R.T. -0.006 min  
 Lab File: BF143855.D  
 Acq: 02 Oct 2025 15:11

Tgt Ion:149 Resp: 296337  

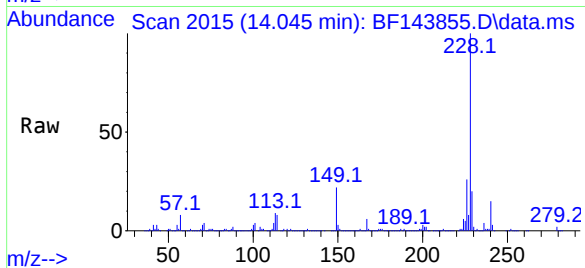
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.3  | 59.5  | 89.3  |
| 206 | 21.7  | 16.1  | 24.1  |



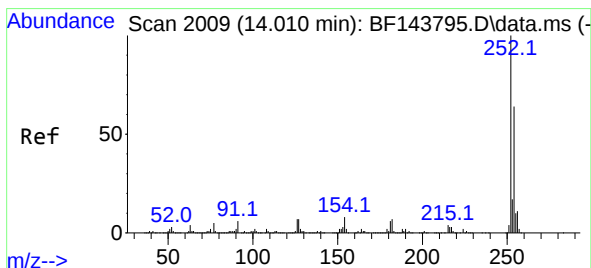
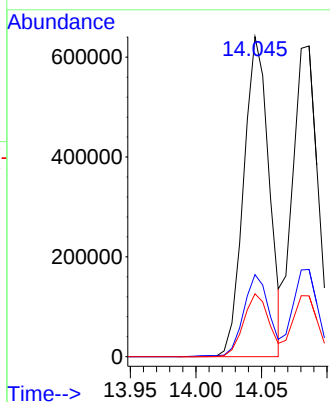
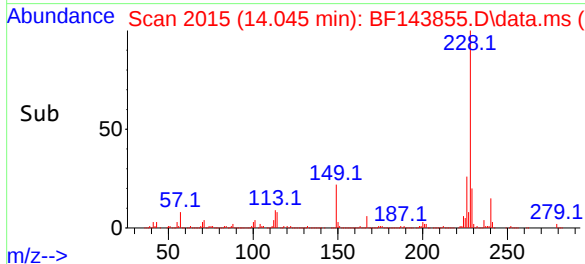


#81  
Benzo(a)anthracene  
Concen: 45.140 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

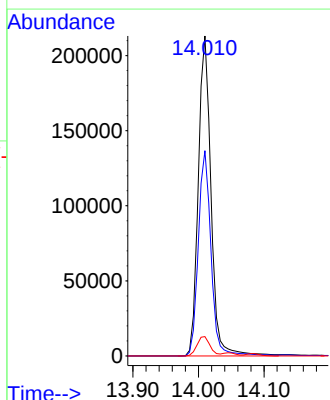
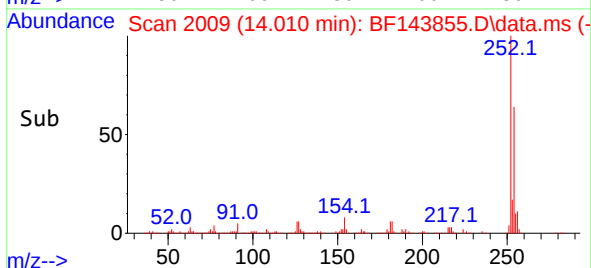
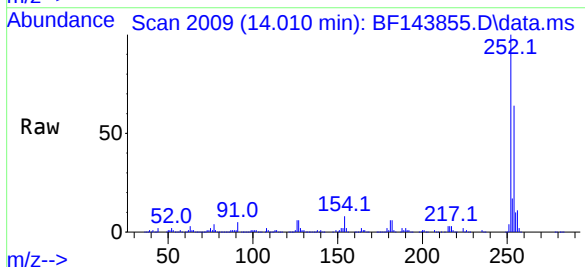


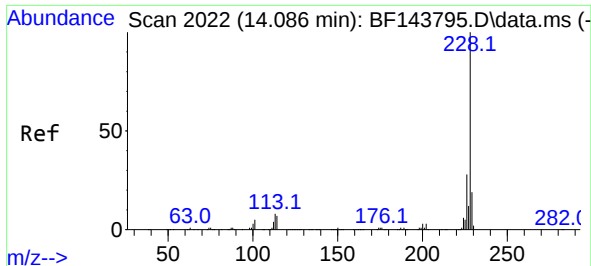
Tgt Ion:228 Resp: 861449  
Ion Ratio Lower Upper  
228 100  
226 25.7 20.2 30.2  
229 19.7 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 34.946 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

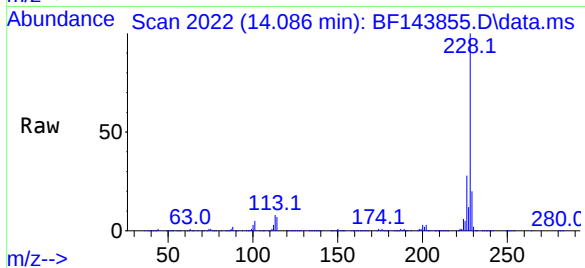
Tgt Ion:252 Resp: 288912  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.5 77.3  
126 6.1 5.4 8.2



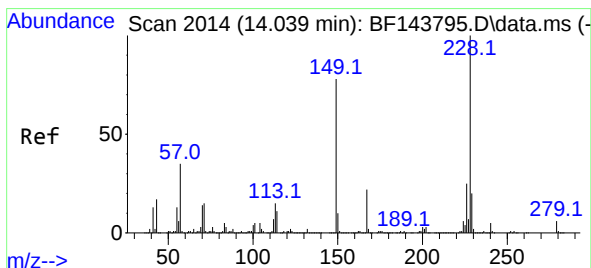
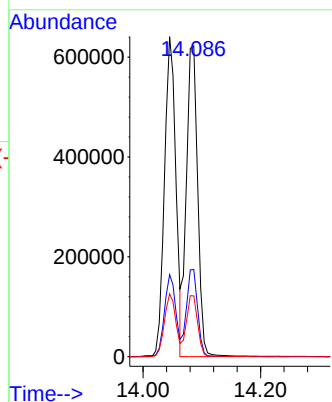
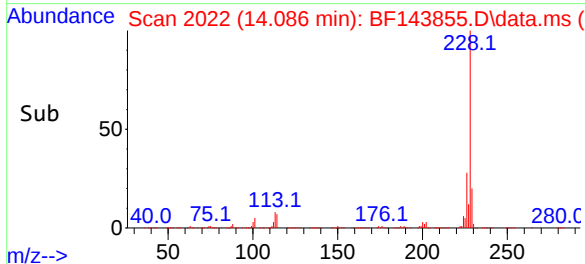


#83  
Chrysene  
Concen: 48.334 ng  
RT: 14.086 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

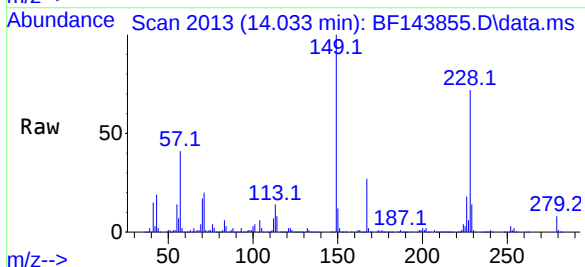
Instrument :  
BNA\_F  
ClientSampleId :



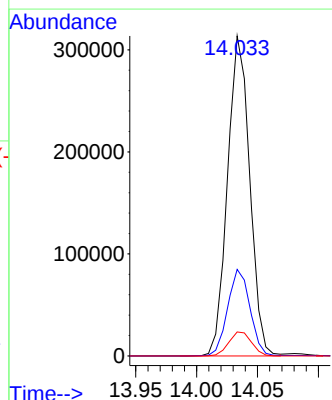
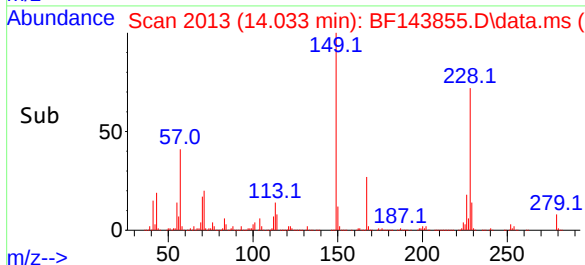
Tgt Ion:228 Resp: 834639  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.6 33.8  
229 19.6 15.6 23.4

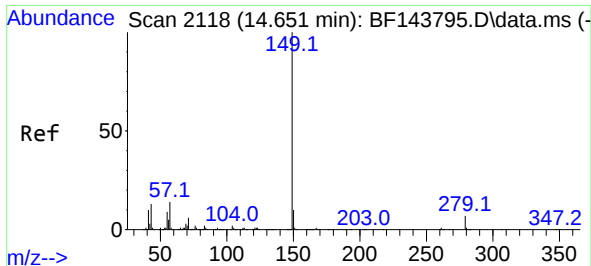


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.932 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



Tgt Ion:149 Resp: 397949  
Ion Ratio Lower Upper  
149 100  
167 27.0 22.2 33.2  
279 7.5 6.0 9.0

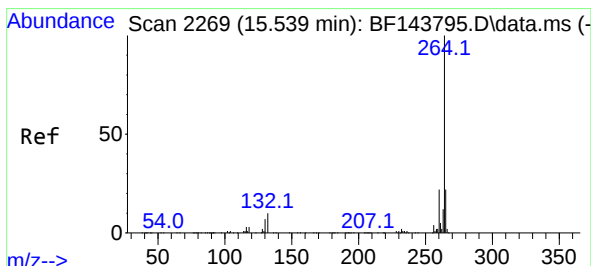
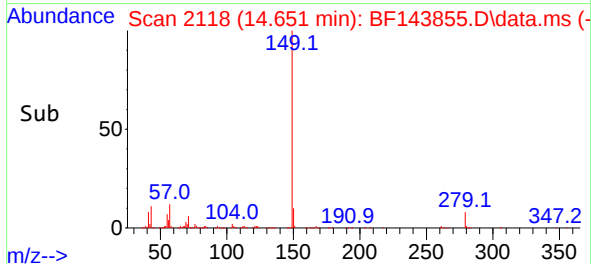
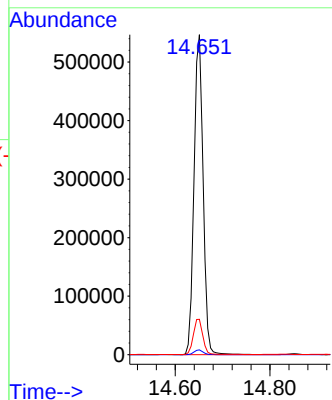
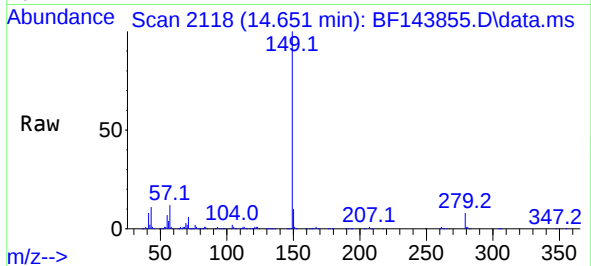




#85  
Di-n-octyl phthalate  
Concen: 45.439 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

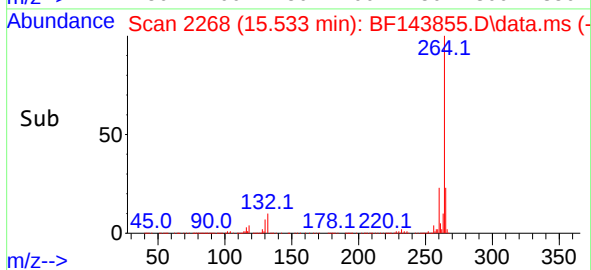
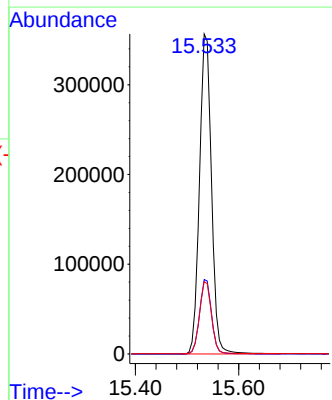
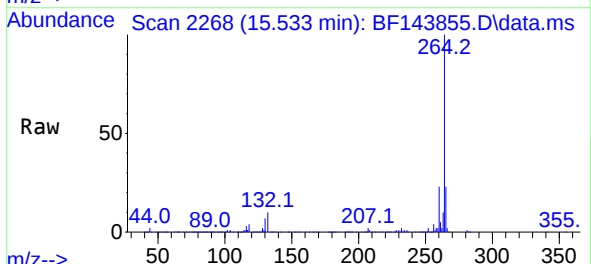
Instrument :  
BNA\_F  
ClientSampleId :

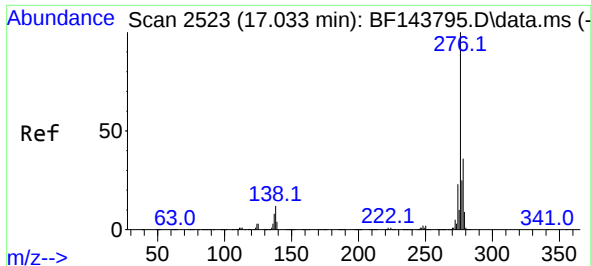
Tgt Ion:149 Resp: 730007  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 11.4 10.7 16.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

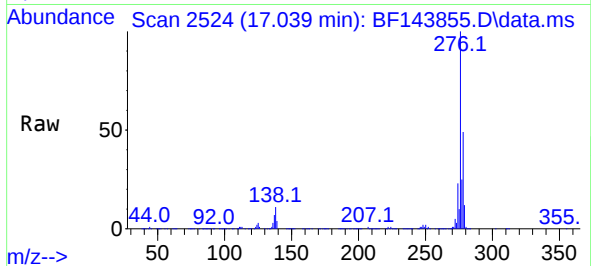
Tgt Ion:264 Resp: 574873  
Ion Ratio Lower Upper  
264 100  
260 23.3 17.9 26.9  
265 22.6 17.7 26.5



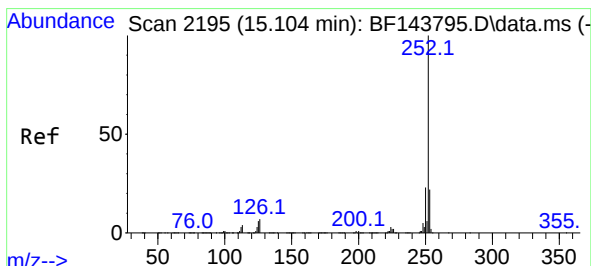
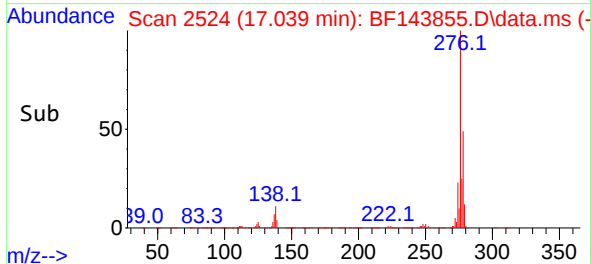
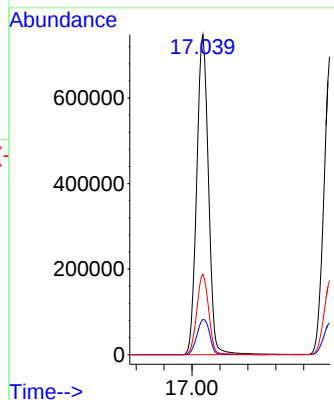


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.068 ng  
RT: 17.039 min Scan# 2183879  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

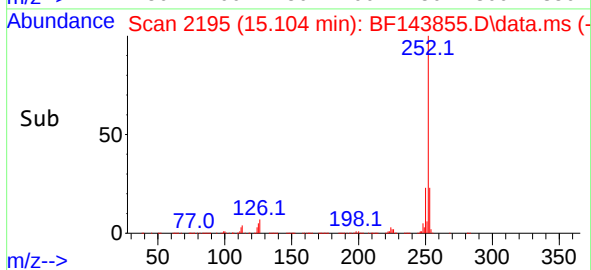
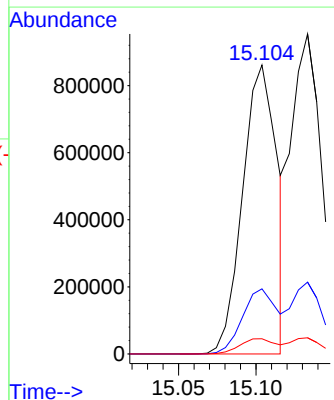
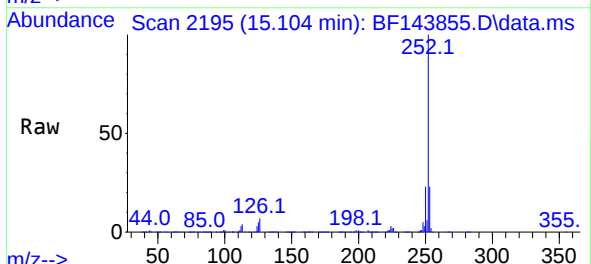


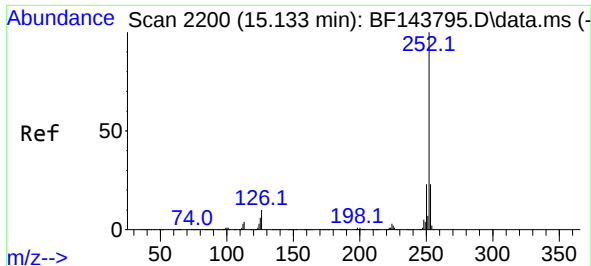
Tgt Ion:276 Resp: 2183879  
Ion Ratio Lower Upper  
276 100  
138 11.9 10.6 15.8  
277 25.5 20.7 31.1



#88  
Benzo(b)fluoranthene  
Concen: 45.185 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

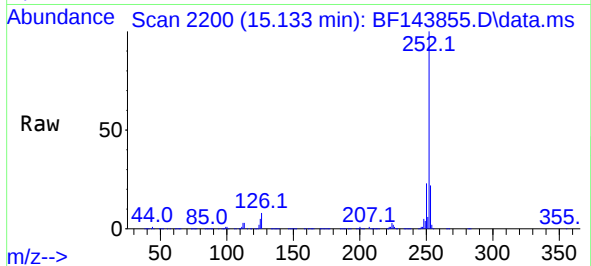
Tgt Ion:252 Resp: 1322818  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 5.3 4.4 6.6



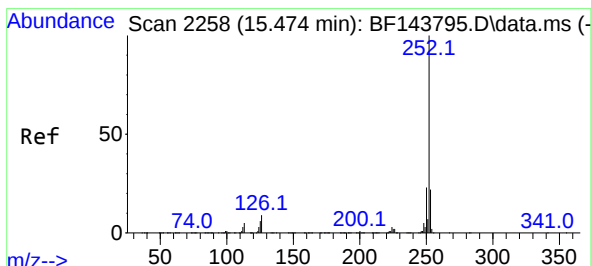
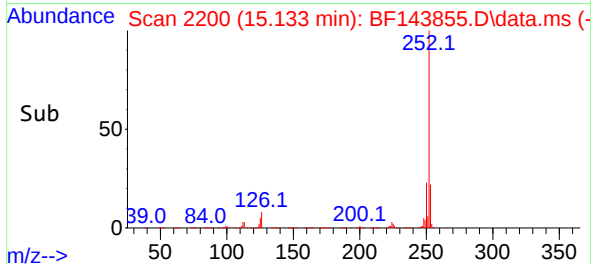
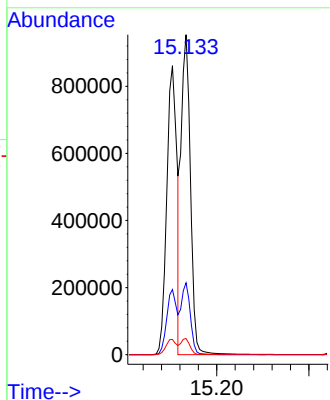


#89  
Benzo(k)fluoranthene  
Concen: 45.426 ng  
RT: 15.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

Instrument :  
BNA\_F  
ClientSampleId :

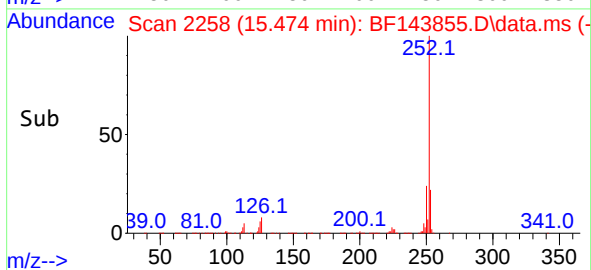
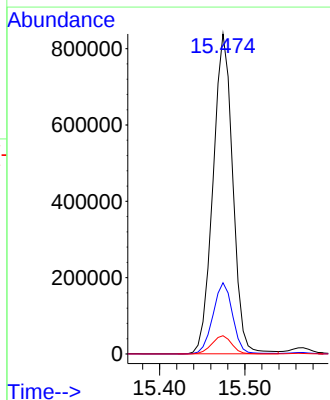
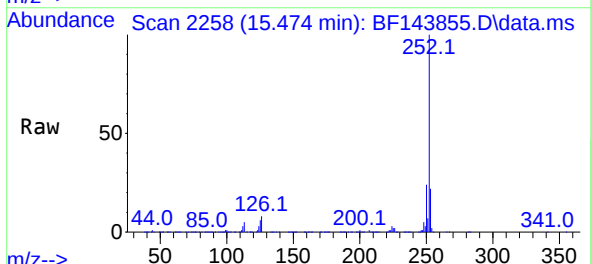


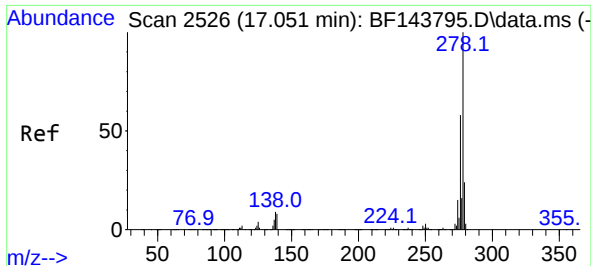
Tgt Ion:252 Resp: 1336071  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 5.0 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 49.026 ng  
RT: 15.474 min Scan# 2258  
Delta R.T. -0.006 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

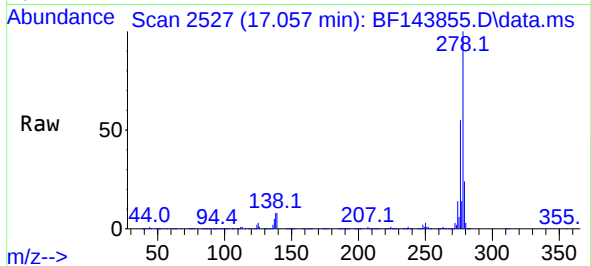
Tgt Ion:252 Resp: 1349100  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 5.7 5.0 7.4



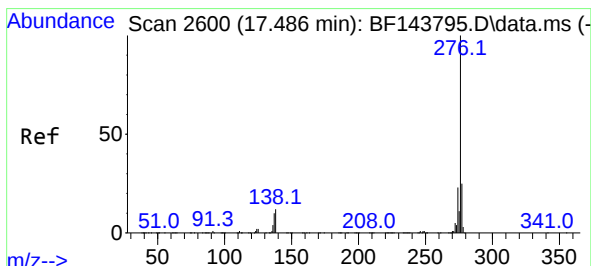
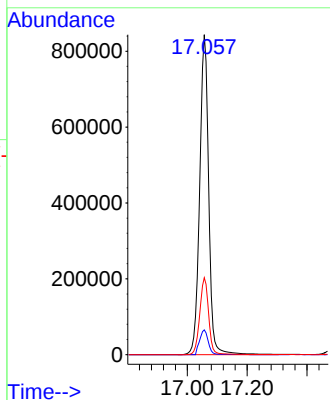
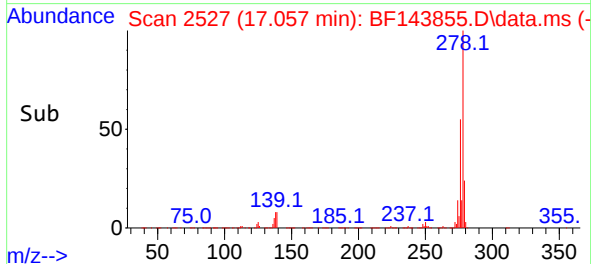


#91  
Dibenzo(a,h)anthracene  
Concen: 49.496 ng  
RT: 17.057 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11

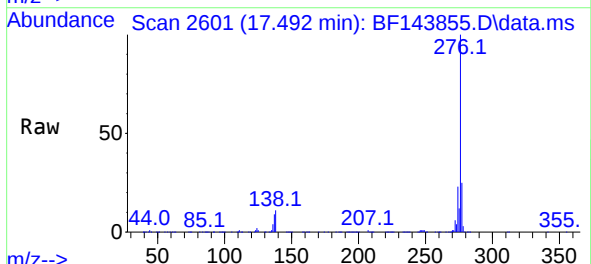
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 1765804  
Ion Ratio Lower Upper  
278 100  
139 7.8 6.7 10.1  
279 24.0 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 52.206 ng  
RT: 17.492 min Scan# 2601  
Delta R.T. -0.012 min  
Lab File: BF143855.D  
Acq: 02 Oct 2025 15:11



Tgt Ion:276 Resp: 1795382  
Ion Ratio Lower Upper  
276 100  
277 24.8 19.6 29.4  
138 10.6 9.2 13.8

