

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100225\  
 Data File : BF143865.D  
 Acq On : 02 Oct 2025 20:07  
 Operator : RC/JU  
 Sample : Q3266-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-3-6FTMSD

Quant Time: Oct 03 01:28:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 132113   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 498372   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 264381   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 436632   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 345011   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 467433   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 620126   | 76.262  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 747806   | 79.592  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 455997   | 56.007  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 193892   | 49.531  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 805920   | 47.569  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1076320  | 63.446  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 147267   | 37.838  | ng    | 90       |
| 3) Pyridine                   | 3.475  | 79   | 396343   | 37.725  | ng    | 85       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 207038   | 39.302  | ng    | 86       |
| 6) Aniline                    | 6.545  | 93   | 393915   | 28.887  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 363514   | 43.668  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 216417   | 26.303  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 483331   | 44.258  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 360011   | 42.054  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 412600   | 42.689  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 417520   | 43.286  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 402266   | 44.033  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 327998   | 48.314  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 734032   | 36.161  | ng    | 95       |
| 17) 2-Methylphenol            | 7.134  | 107  | 289359   | 44.898  | ng    | 100      |
| 18) Hexachloroethane          | 7.398  | 117  | 145445   | 42.877  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 262459   | 43.441  | ng    | 89       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 341307   | 43.487  | ng    | # 77     |
| 22) Acetophenone              | 7.292  | 105  | 511367   | 46.717  | ng    | 94       |
| 24) Nitrobenzene              | 7.463  | 77   | 403311   | 44.690  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 726249   | 45.775  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 192067   | 51.623  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 342762   | 48.335  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 440881   | 42.771  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 318390   | 45.630  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 329632   | 45.521  | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1014845  | 42.537  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 241347   | 70.540  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 127248   | 15.177  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 239462   | 44.360  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 98305    | 55.119  | ng    | # 79     |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 314805   | 48.105  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 624027   | 41.020  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 623542   | 42.822  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 365001   | 45.748  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 506103   | 100.088 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 234428   | 46.924  | ng    | 99       |

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 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

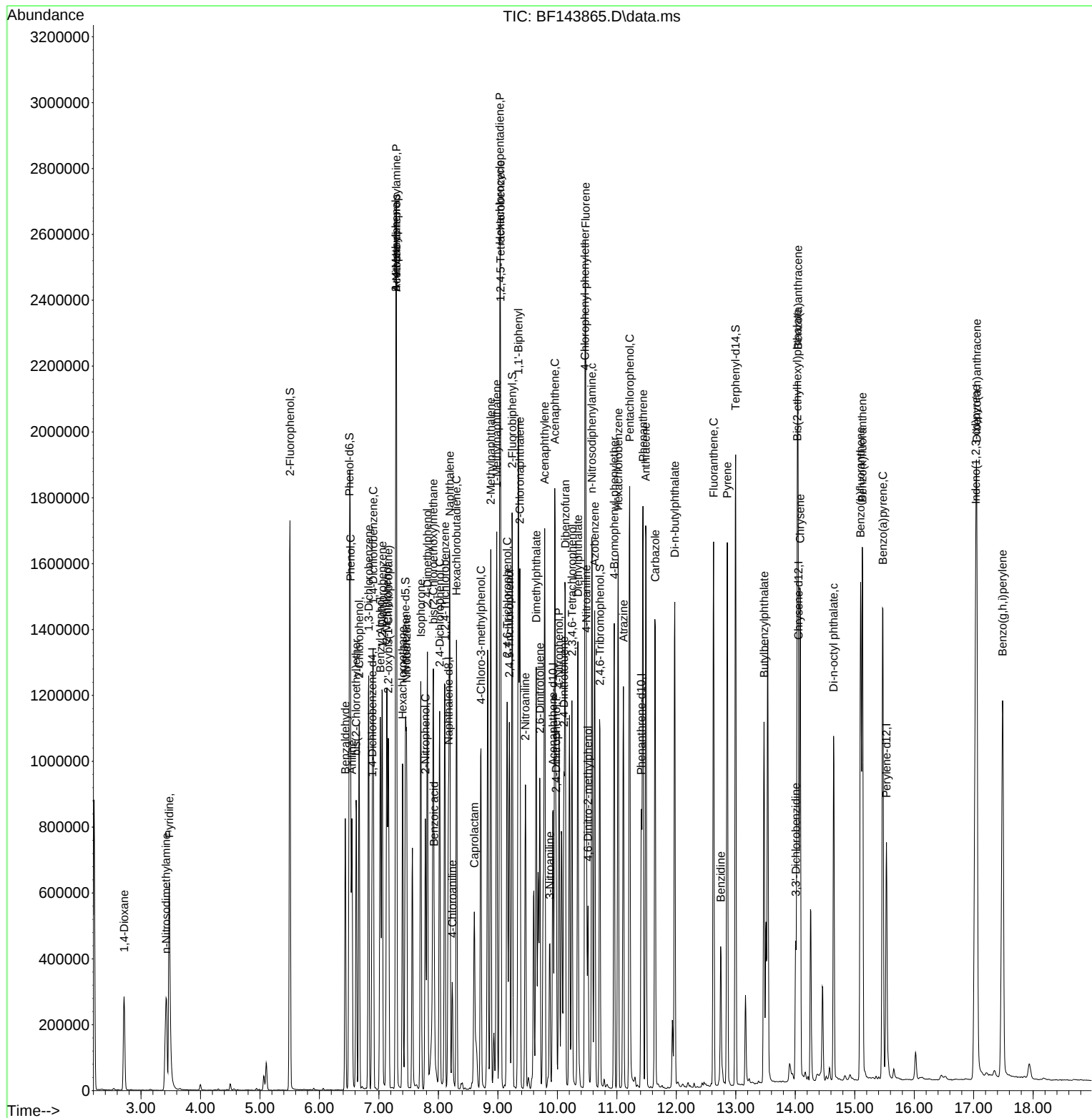
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.192  | 196  | 241280   | 46.173 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.345  | 154  | 877857   | 45.870 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.369  | 162  | 640207   | 41.558 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.463  | 65   | 244664   | 52.549 | ng    | 98       |
| 49) Acenaphthylene             | 9.786  | 152  | 1038980  | 48.992 | ng    | 100      |
| 50) Dimethylphthalate          | 9.645  | 163  | 757119   | 46.985 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.704  | 165  | 159530   | 60.256 | ng    | 96       |
| 52) Acenaphthene               | 9.957  | 154  | 642646   | 46.049 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.875  | 138  | 94917    | 29.577 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.980  | 184  | 130560   | 99.763 | ng    | # 18     |
| 55) Dibenzofuran               | 10.133 | 168  | 858670   | 43.511 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.027 | 139  | 242587   | 93.807 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.110 | 165  | 213806   | 54.018 | ng    | 95       |
| 58) Fluorene                   | 10.475 | 166  | 653647   | 44.553 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.245 | 232  | 233271   | 52.109 | ng    | 100      |
| 60) Diethylphthalate           | 10.345 | 149  | 713871   | 47.326 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.463 | 204  | 330901   | 44.265 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.486 | 138  | 161005   | 53.358 | ng    | 98       |
| 63) Azobenzene                 | 10.627 | 77   | 755872   | 47.547 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph...  | 10.516 | 198  | 98642    | 58.139 | ng    | 82       |
| 66) n-Nitrosodiphenylamine     | 10.580 | 169  | 630722   | 43.924 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.957 | 248  | 316391   | 42.520 | ng    | 99       |
| 68) Hexachlorobenzene          | 11.022 | 284  | 377883   | 36.851 | ng    | 93       |
| 69) Atrazine                   | 11.110 | 200  | 204168   | 49.100 | ng    | 98       |
| 70) Pentachlorophenol          | 11.216 | 266  | 425268   | 83.314 | ng    | 99       |
| 71) Phenanthrene               | 11.439 | 178  | 963551   | 42.984 | ng    | 100      |
| 72) Anthracene                 | 11.486 | 178  | 987531   | 43.918 | ng    | 99       |
| 73) Carbazole                  | 11.645 | 167  | 856354   | 43.559 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.974 | 149  | 1044247  | 46.185 | ng    | 100      |
| 75) Fluoranthene               | 12.627 | 202  | 958716   | 42.523 | ng    | 99       |
| 77) Benzidine                  | 12.745 | 184  | 258779   | 30.781 | ng    | 99       |
| 78) Pyrene                     | 12.857 | 202  | 966574   | 56.984 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.474 | 149  | 352636   | 60.090 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.045 | 228  | 845318   | 45.607 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.010 | 252  | 164787   | 20.522 | ng    | 99       |
| 83) Chrysene                   | 14.080 | 228  | 809937   | 48.293 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.033 | 149  | 414506   | 48.188 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.645 | 149  | 695292   | 44.561 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene     | 17.033 | 276  | 1591120  | 44.863 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.098 | 252  | 1157629  | 48.632 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.127 | 252  | 1009802  | 42.225 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.474 | 252  | 1087757  | 48.614 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.051 | 278  | 1272126  | 43.854 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.486 | 276  | 1301075  | 46.529 | ng    | 99       |

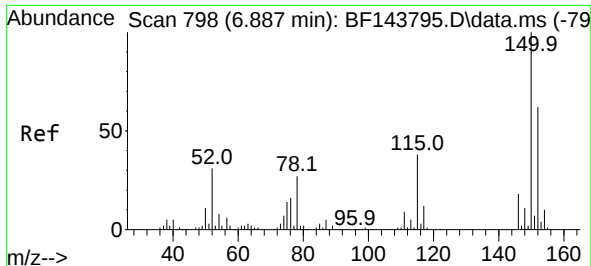
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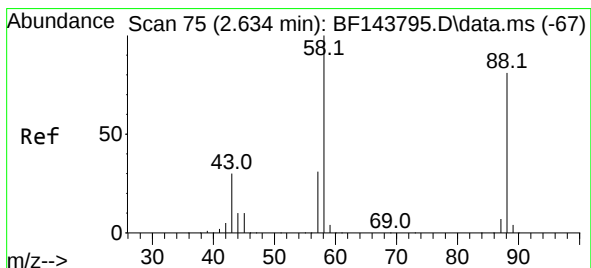
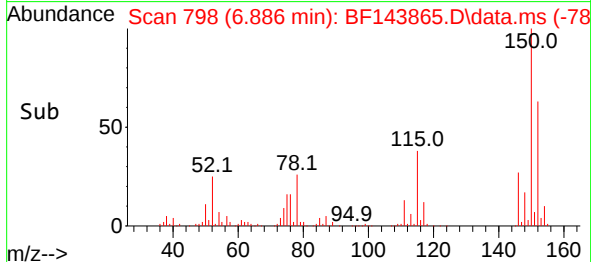
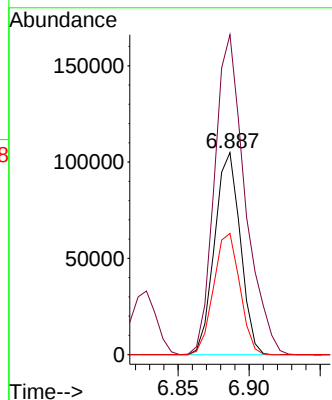
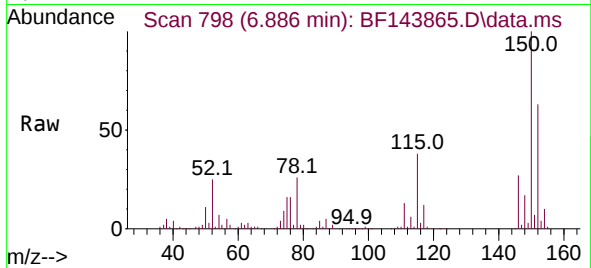




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

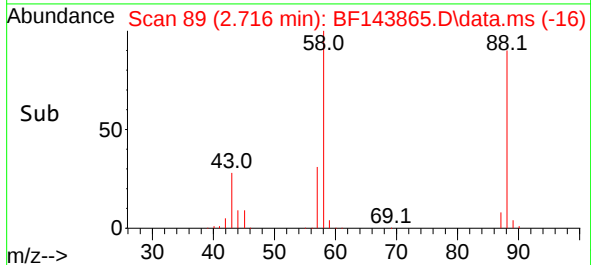
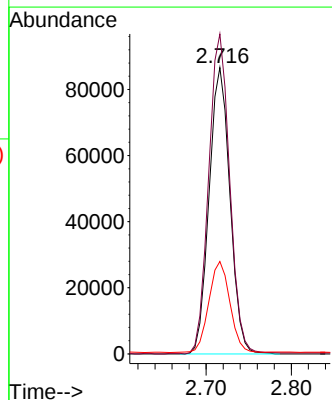
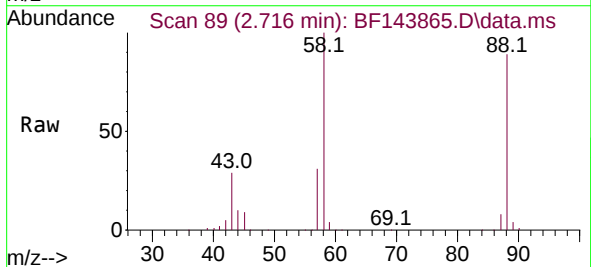
Instrument :  
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 ENV-3-6FTMSD

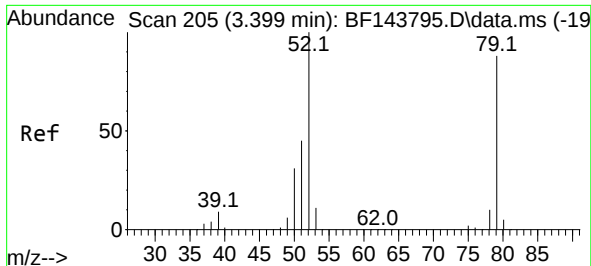
Tgt Ion:152 Resp: 132113  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 129.6 194.4  
 115 60.0 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 37.838 ng  
 RT: 2.716 min Scan# 89  
 Delta R.T. 0.082 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

Tgt Ion: 88 Resp: 147267  
 Ion Ratio Lower Upper  
 88 100  
 58 113.0 99.4 149.2  
 43 32.0 30.6 45.8





#3

Pyridine

Concen: 37.725 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

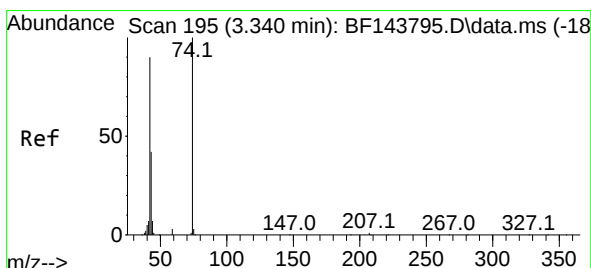
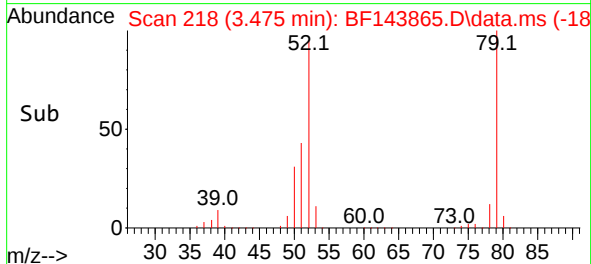
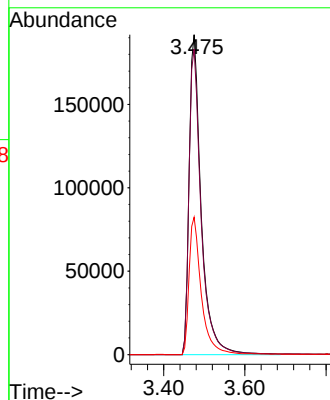
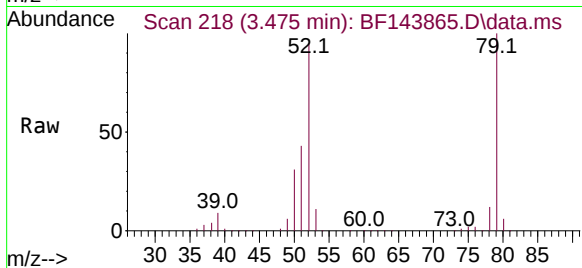
Tgt Ion: 79 Resp: 396343

Ion Ratio Lower Upper

79 100

52 95.5 90.5 135.7

51 42.9 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 39.302 ng

RT: 3.422 min Scan# 209

Delta R.T. 0.065 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

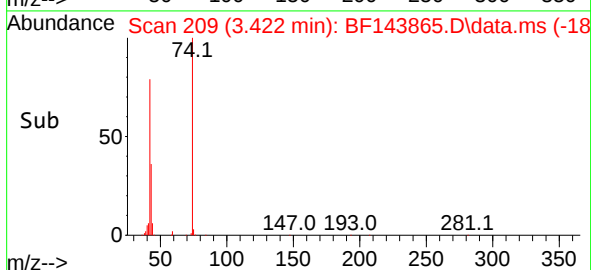
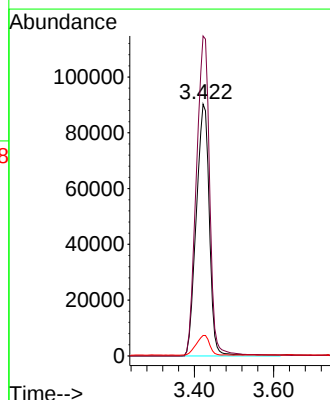
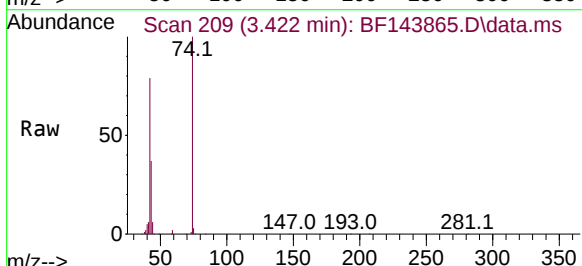
Tgt Ion: 42 Resp: 207038

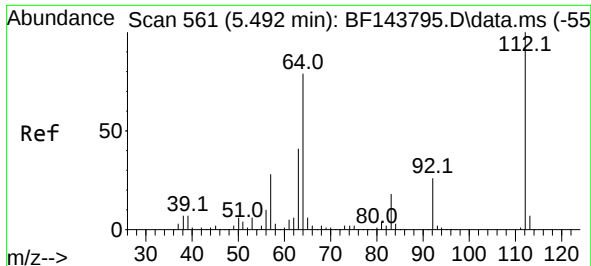
Ion Ratio Lower Upper

42 100

74 127.1 89.1 133.7

44 8.1 6.4 9.6

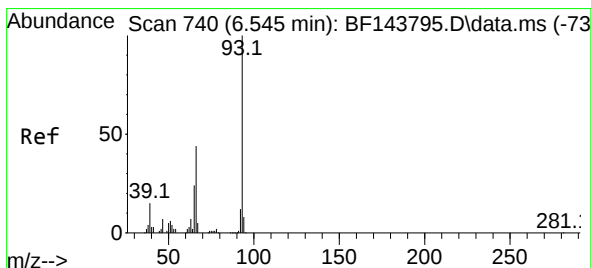
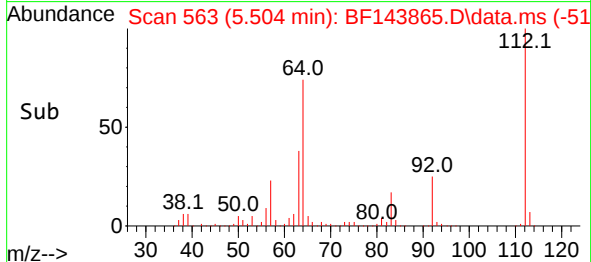
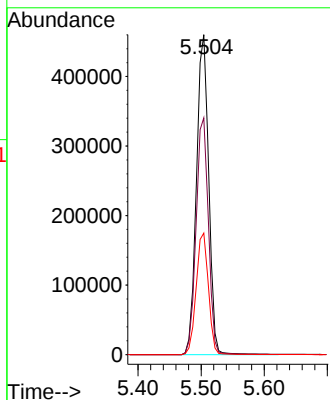
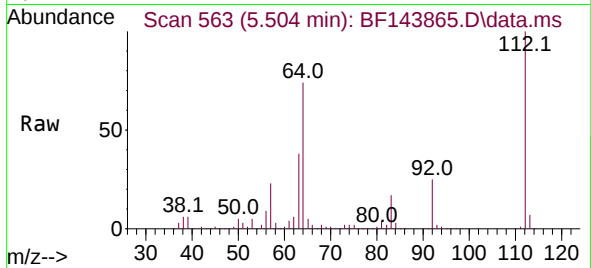




#5  
2-Fluorophenol  
Concen: 76.262 ng  
RT: 5.504 min Scan# 561  
Delta R.T. 0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

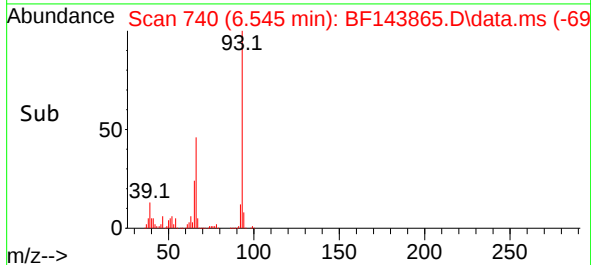
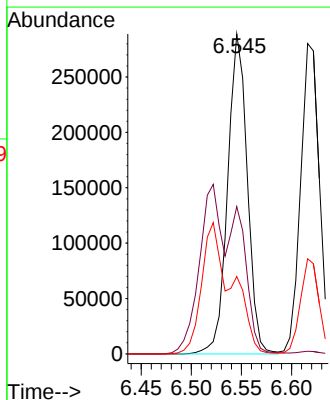
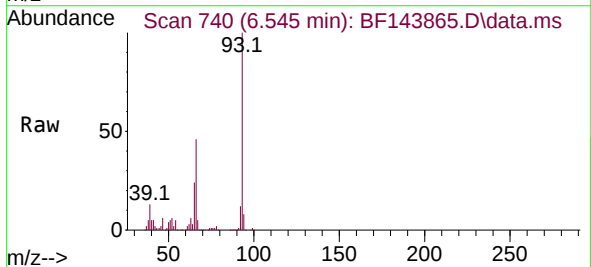
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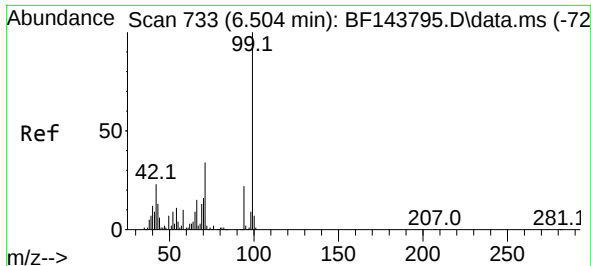
Tgt Ion:112 Resp: 620126  
Ion Ratio Lower Upper  
112 100  
64 74.0 63.0 94.4  
63 38.0 32.6 49.0



#6  
Aniline  
Concen: 28.887 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion: 93 Resp: 393915  
Ion Ratio Lower Upper  
93 100  
66 46.0 37.1 55.7  
65 24.2 19.4 29.0

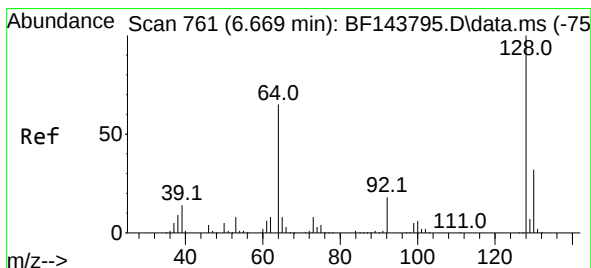
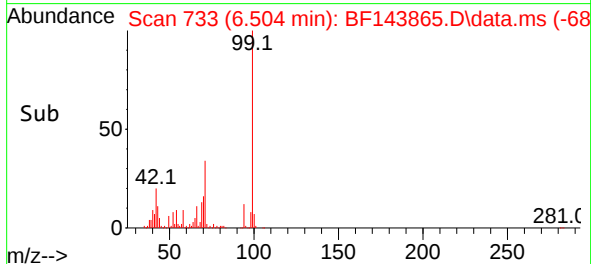
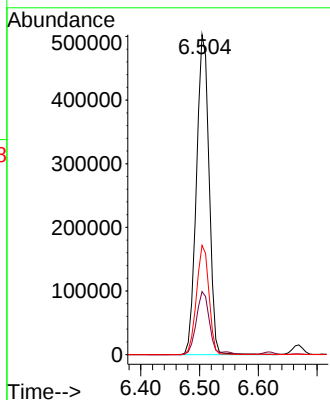
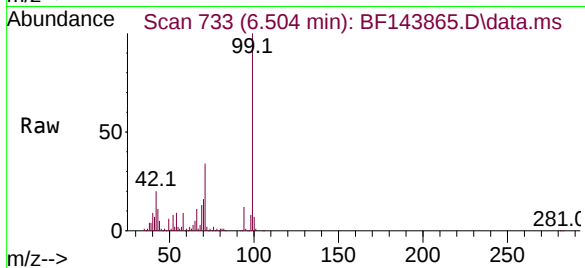




#7  
Phenol-d6  
Concen: 79.592 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

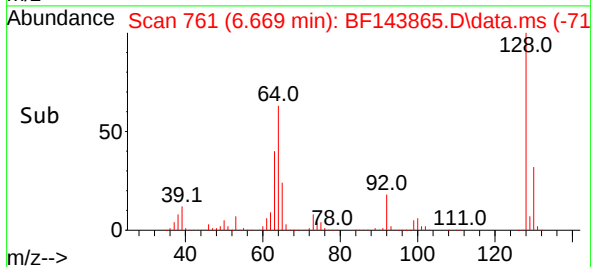
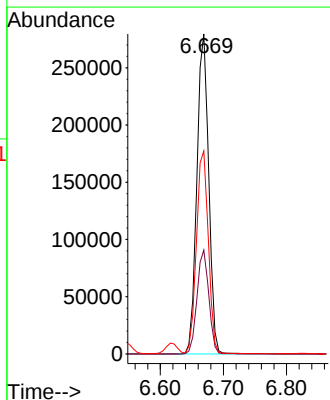
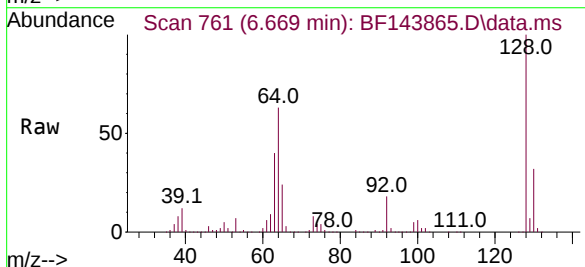
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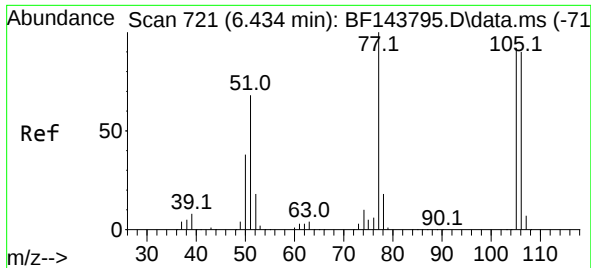
Tgt Ion: 99 Resp: 747806  
Ion Ratio Lower Upper  
99 100  
42 19.7 18.6 28.0  
71 34.1 27.0 40.4



#8  
2-Chlorophenol  
Concen: 43.668 ng  
RT: 6.669 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion: 128 Resp: 363514  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.2 52.2  
64 63.4 46.5 86.5





#9

Benzaldehyde

Concen: 26.303 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

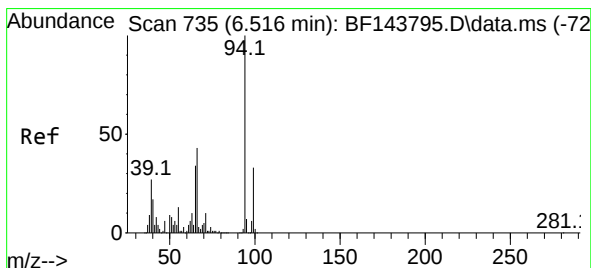
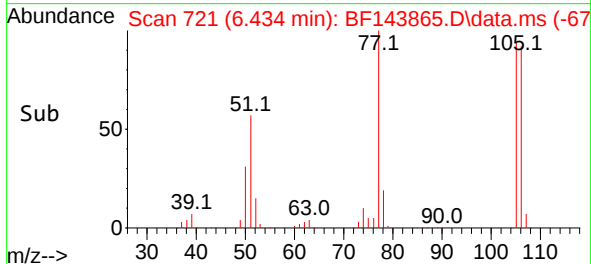
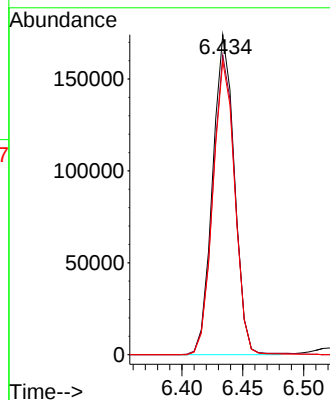
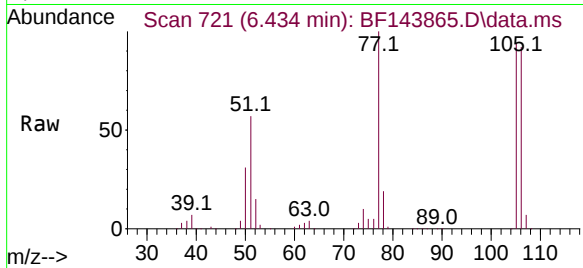
Tgt Ion: 77 Resp: 216417

Ion Ratio Lower Upper

77 100

105 93.6 71.8 111.8

106 91.7 69.8 109.8



#10

Phenol

Concen: 44.258 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

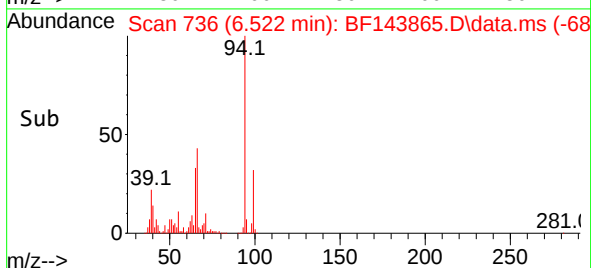
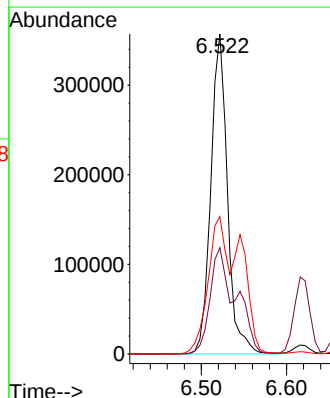
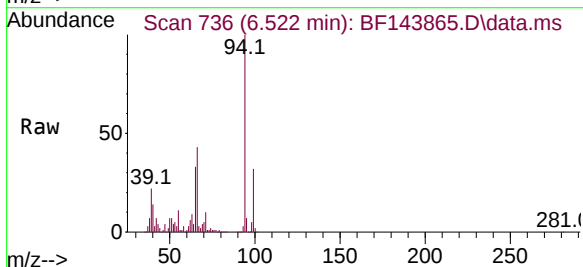
Tgt Ion: 94 Resp: 483331

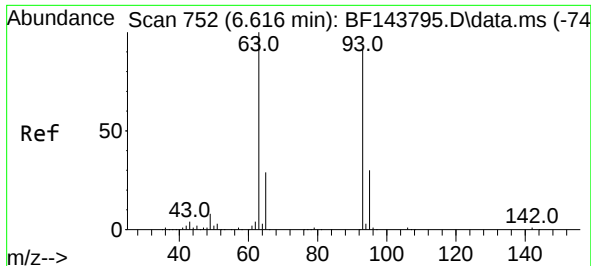
Ion Ratio Lower Upper

94 100

65 33.2 14.2 54.2

66 42.9 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.054 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

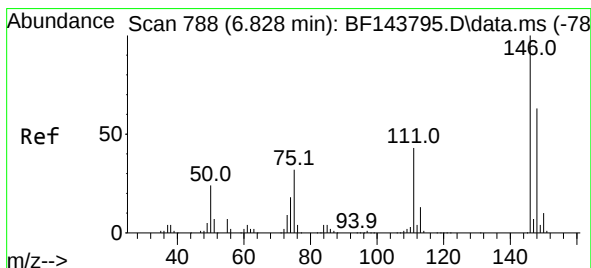
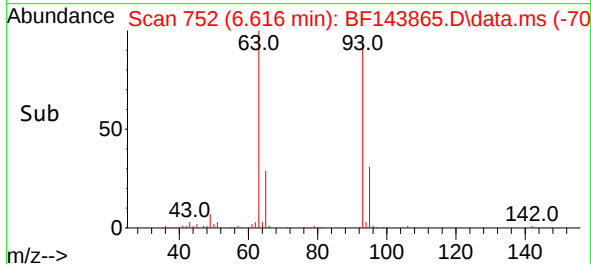
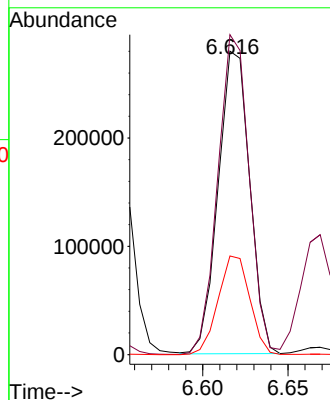
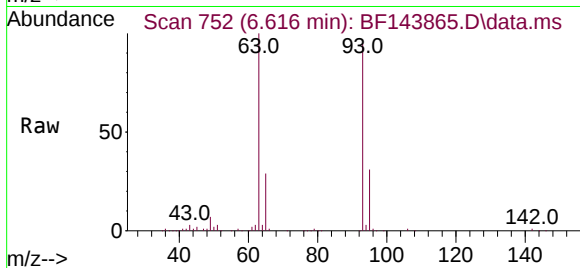
Tgt Ion: 93 Resp: 360011

Ion Ratio Lower Upper

93 100

63 105.5 89.2 129.2

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 42.689 ng

RT: 6.828 min Scan# 788

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

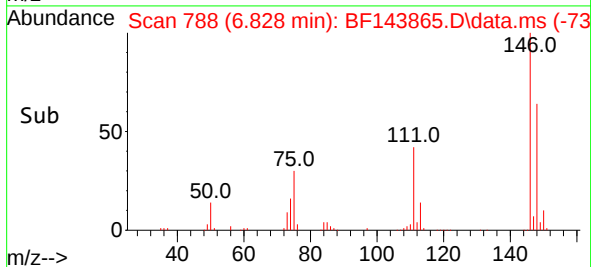
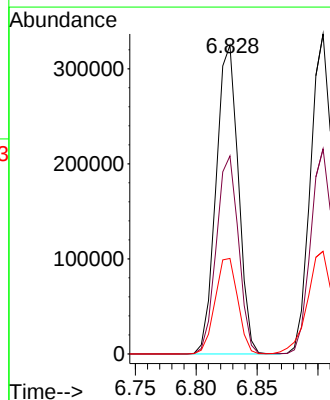
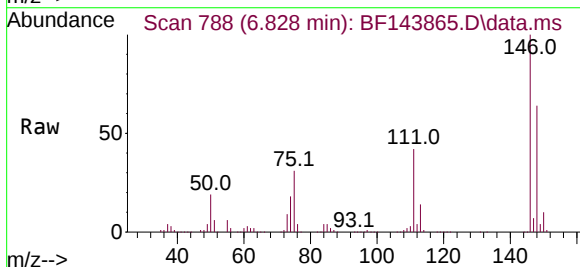
Tgt Ion:146 Resp: 412600

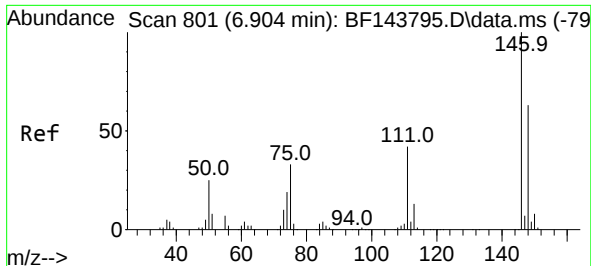
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

75 31.0 25.6 38.4

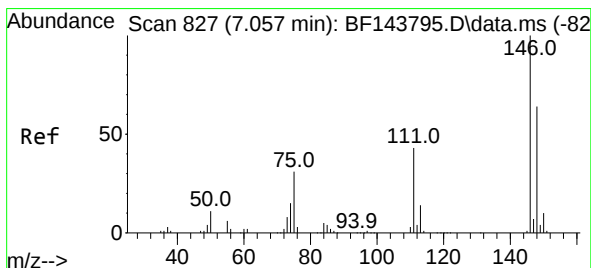
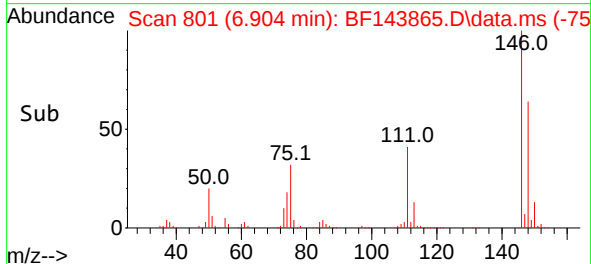
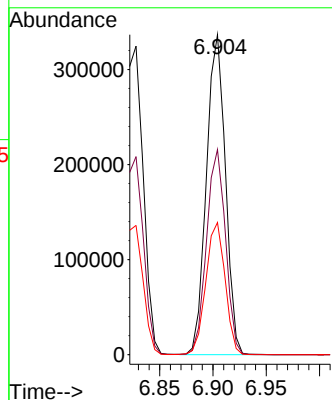
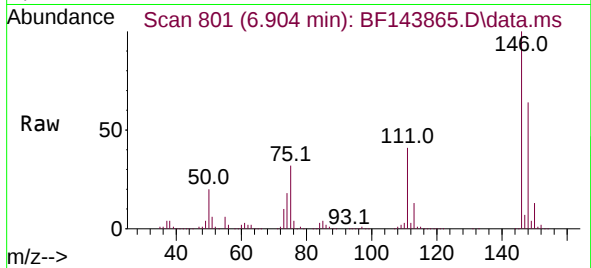




#13  
1,4-Dichlorobenzene  
Concen: 43.286 ng  
RT: 6.904 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

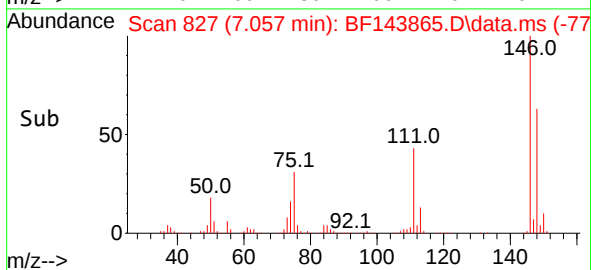
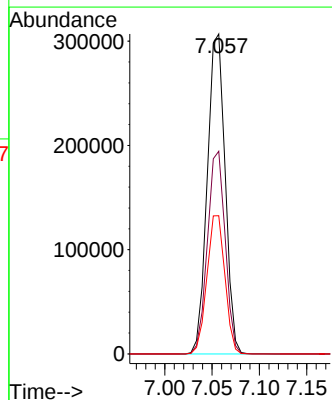
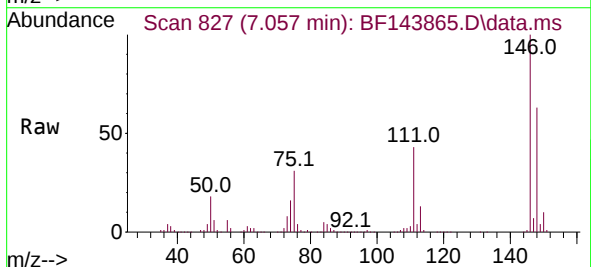
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

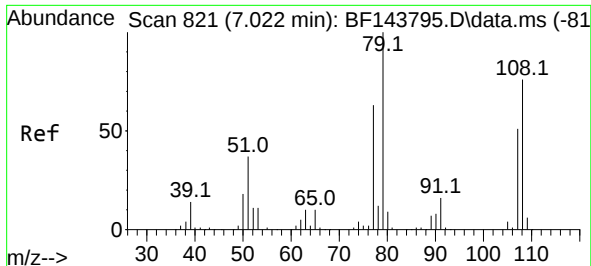
Tgt Ion:146 Resp: 417520  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.7 76.1  
111 41.3 33.4 50.2



#14  
1,2-Dichlorobenzene  
Concen: 44.033 ng  
RT: 7.057 min Scan# 827  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:146 Resp: 402266  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.1 76.7  
111 43.2 34.3 51.5

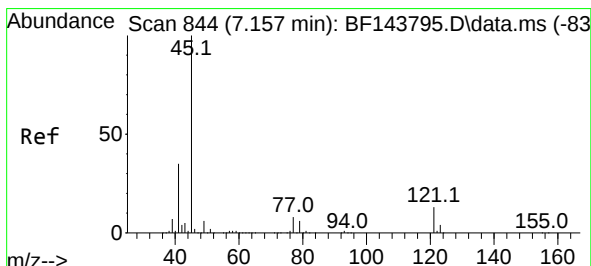
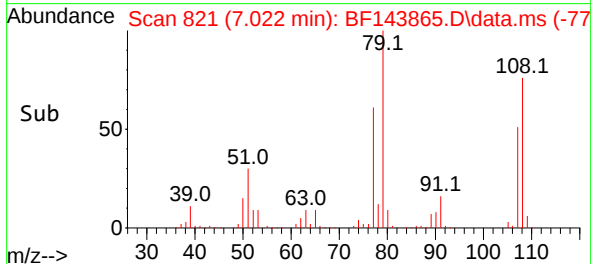
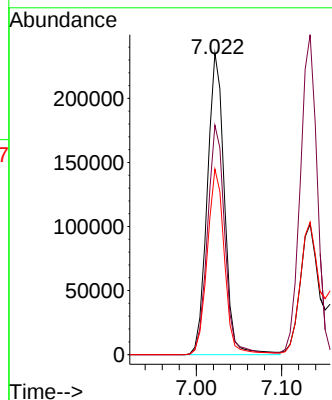
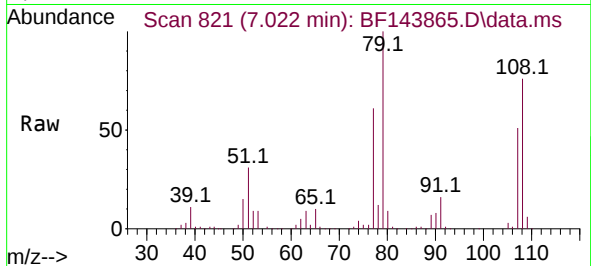




#15  
Benzyl Alcohol  
Concen: 48.314 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

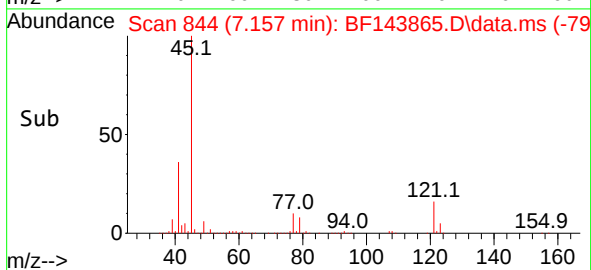
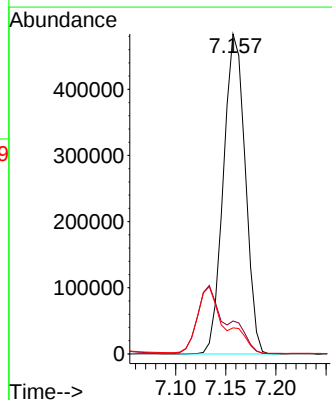
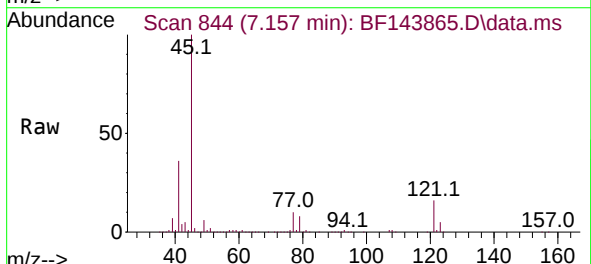
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

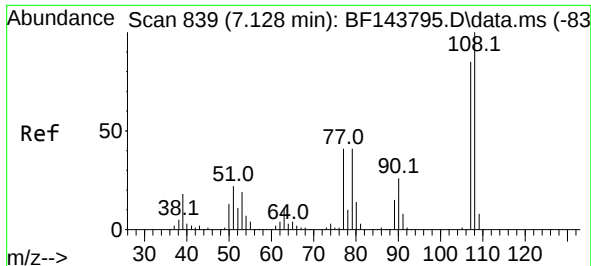
|             |              |
|-------------|--------------|
| Tgt Ion: 79 | Resp: 327998 |
| Ion Ratio   | Lower Upper  |
| 79 100      |              |
| 108 76.0    | 60.5 90.7    |
| 77 61.5     | 50.3 75.5    |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.161 ng  
RT: 7.157 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

|             |              |
|-------------|--------------|
| Tgt Ion: 45 | Resp: 734032 |
| Ion Ratio   | Lower Upper  |
| 45 100      |              |
| 77 10.3     | 0.0 28.5     |
| 79 8.2      | 0.0 26.3     |

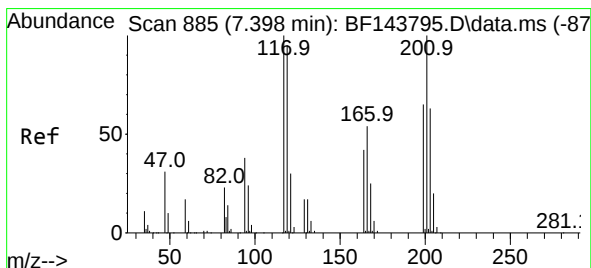
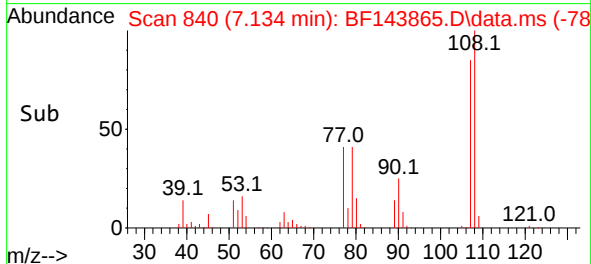
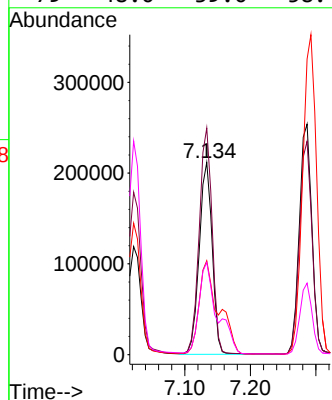
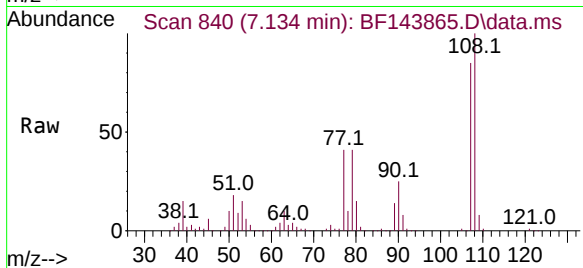




#17  
2-Methylphenol  
Concen: 44.898 ng  
RT: 7.134 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

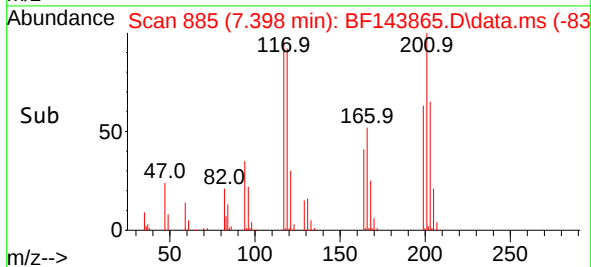
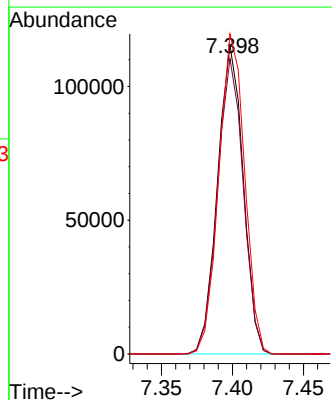
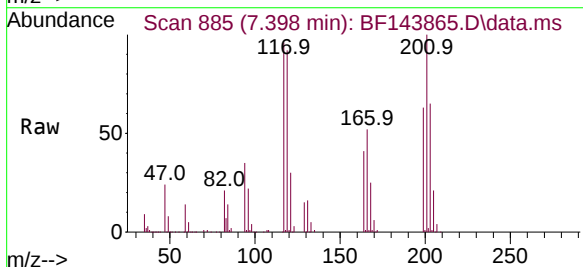
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

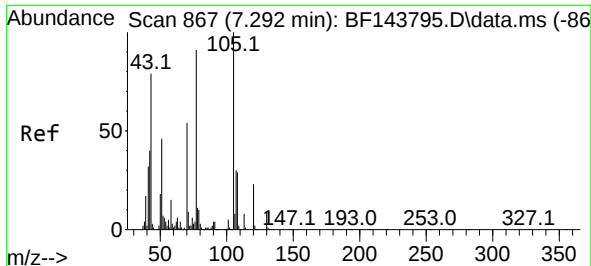
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 289359 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 118.0 | 94.2  | 141.4  |
| 77       | 48.8  | 38.6  | 58.0   |
| 79       | 48.0  | 39.0  | 58.4   |



#18  
Hexachloroethane  
Concen: 42.877 ng  
RT: 7.398 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 145445 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 76.2  | 114.2  |
| 201      | 103.7 | 79.7  | 119.5  |





#19

n-Nitroso-di-n-propylamine

Concen: 43.441 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

Tgt Ion: 70 Resp: 262459

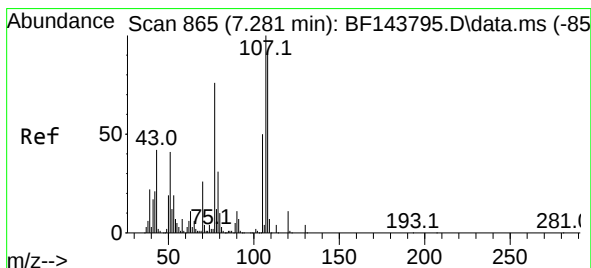
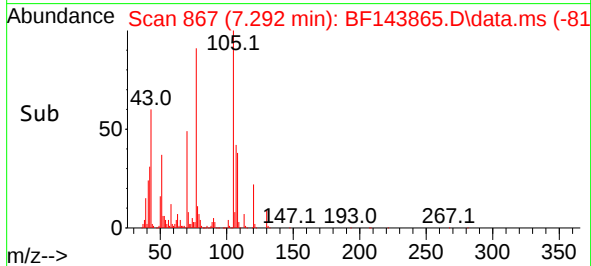
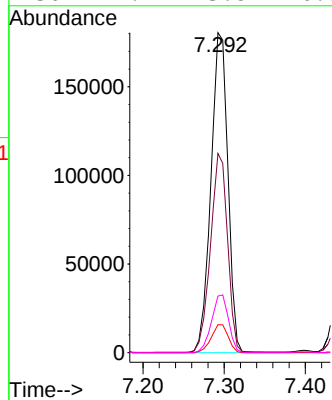
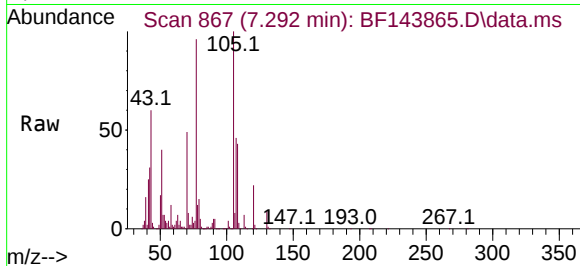
Ion Ratio Lower Upper

70 100

42 62.2 59.4 89.0

101 8.7 7.1 10.7

130 17.7 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.487 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion: 107 Resp: 341307

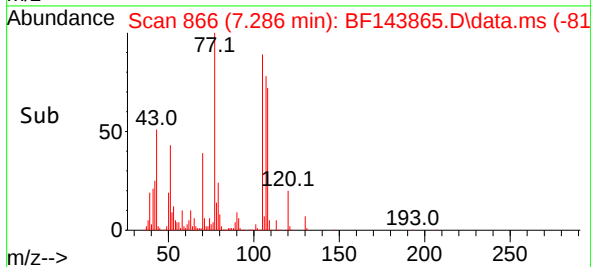
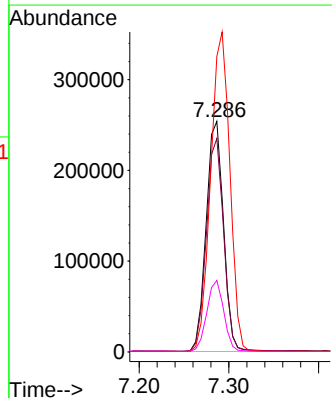
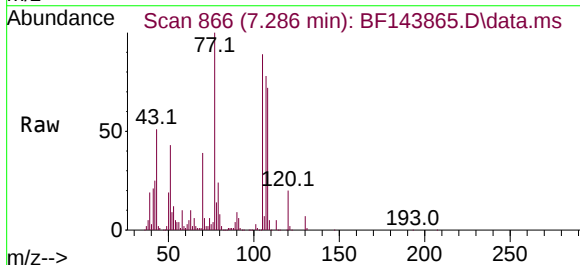
Ion Ratio Lower Upper

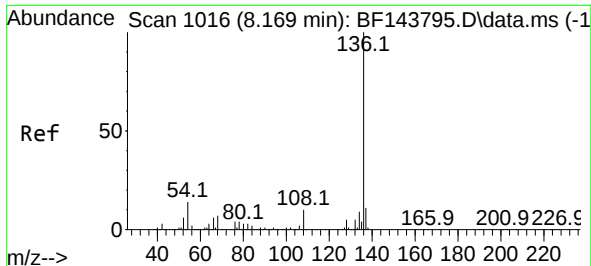
107 100

108 92.6 72.5 112.5

77 128.2 56.2 96.2

79 31.0 10.8 50.8



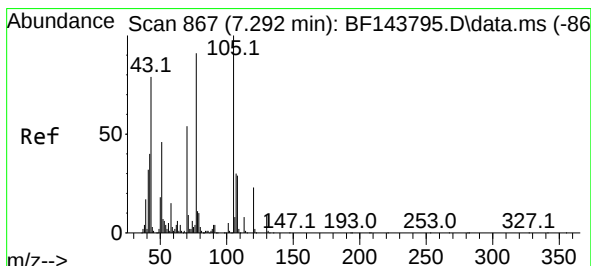
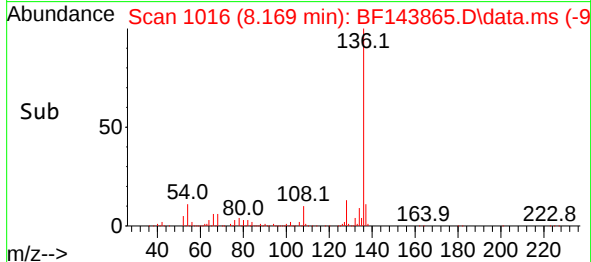
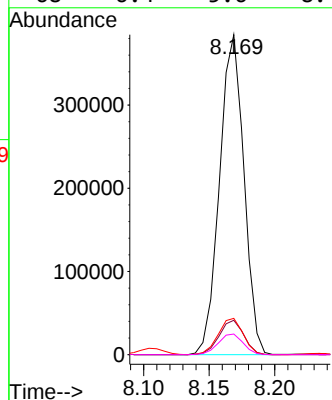
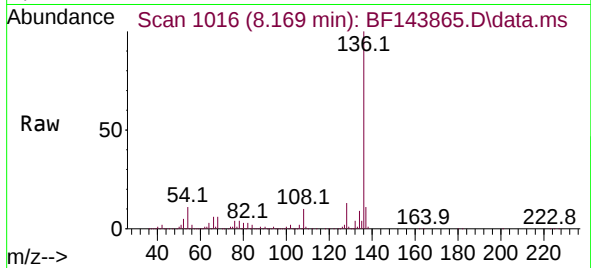


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

Tgt Ion:136 Resp: 498372

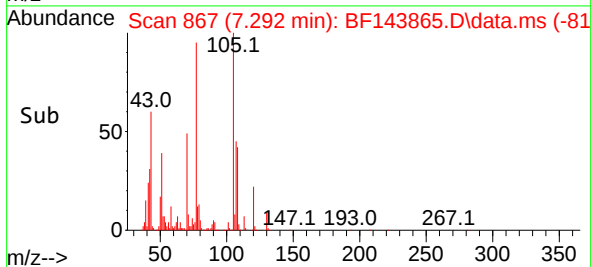
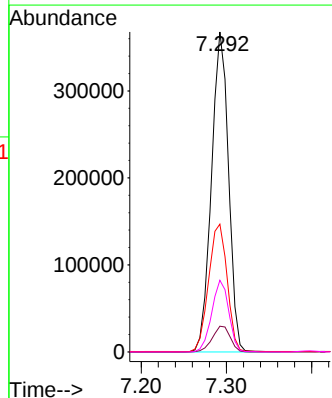
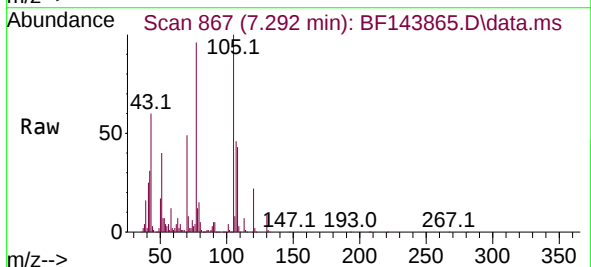
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.0   | 13.4  |
| 54  | 11.3  | 11.2  | 16.8  |
| 68  | 6.4   | 5.6   | 8.4   |

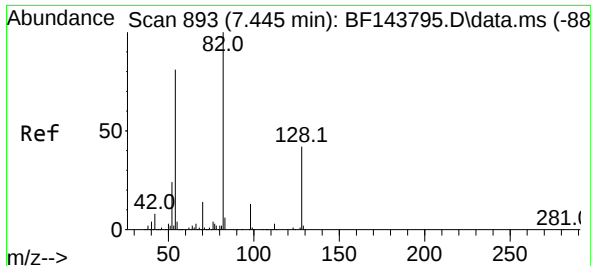


#22  
Acetophenone  
Concen: 46.717 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:105 Resp: 511367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.0   | 7.0   | 10.4  |
| 51  | 39.9  | 36.6  | 55.0  |
| 120 | 22.4  | 18.1  | 27.1  |





#23

Nitrobenzene-d5

Concen: 56.007 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

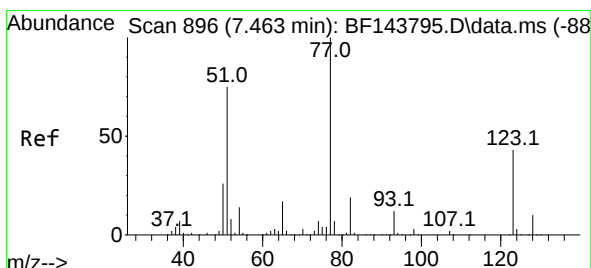
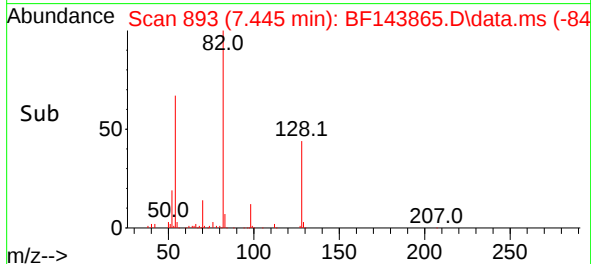
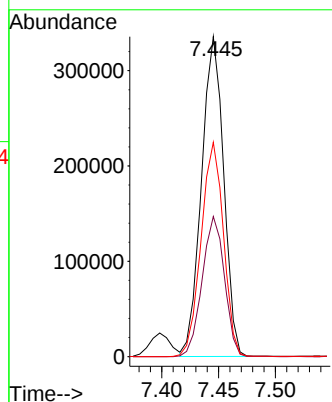
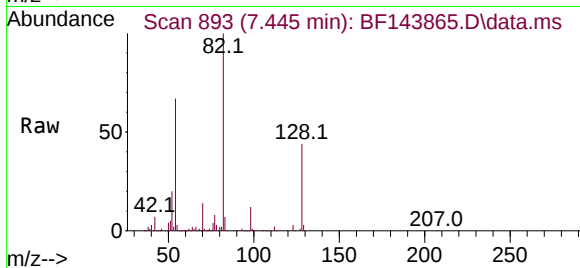
Tgt Ion: 82 Resp: 455997

Ion Ratio Lower Upper

82 100

128 43.8 33.3 49.9

54 67.0 64.2 96.4



#24

Nitrobenzene

Concen: 44.690 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

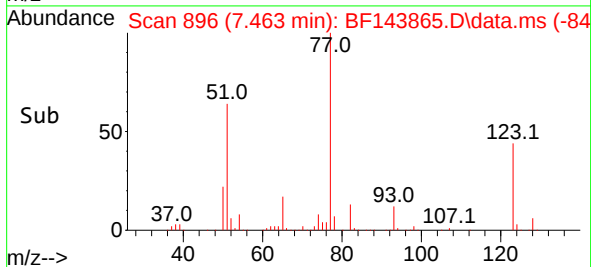
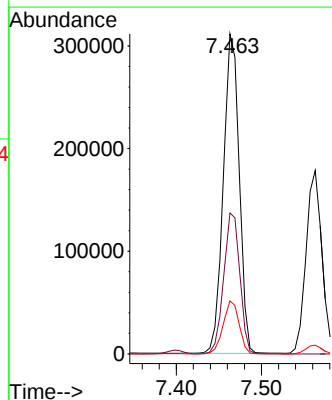
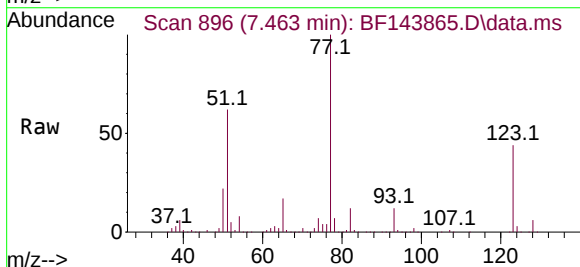
Tgt Ion: 77 Resp: 403311

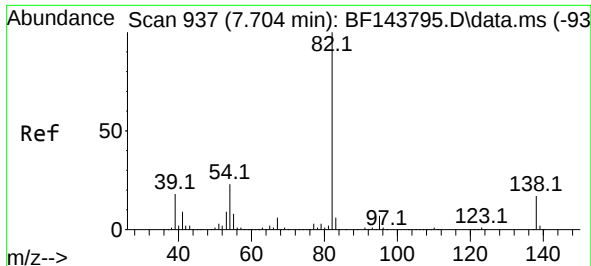
Ion Ratio Lower Upper

77 100

123 44.0 34.0 51.0

65 16.6 13.5 20.3

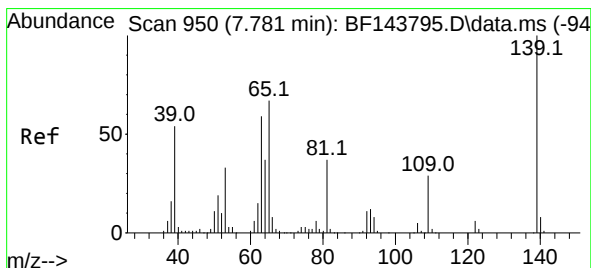
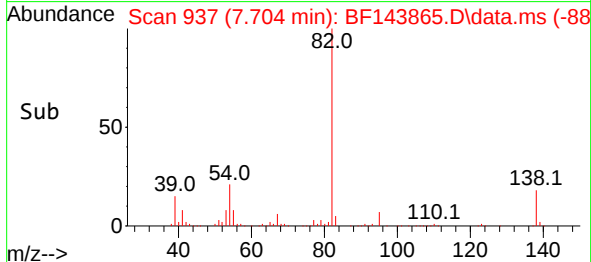
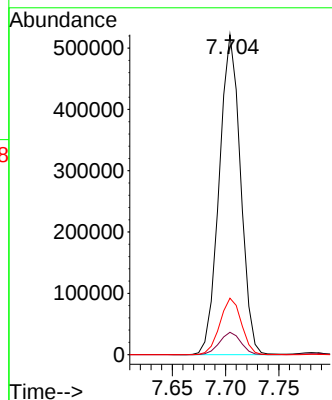
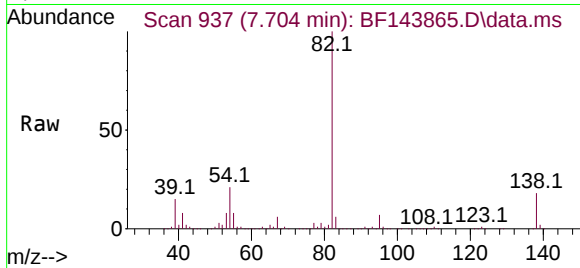




#25  
Isophorone  
Concen: 45.775 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

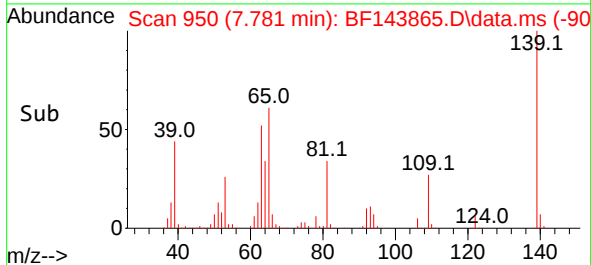
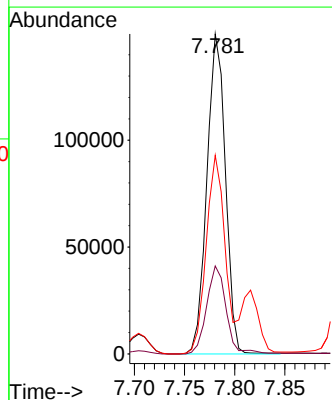
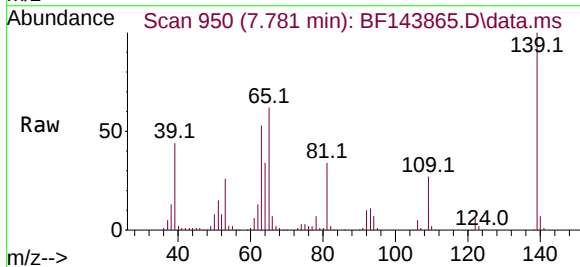
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

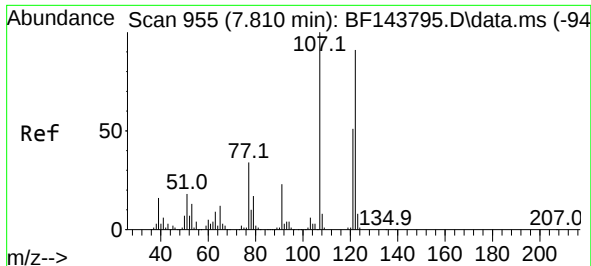
Tgt Ion: 82 Resp: 726249  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.2  
138 17.6 13.7 20.5



#26  
2-Nitrophenol  
Concen: 51.623 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.005 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:139 Resp: 192067  
Ion Ratio Lower Upper  
139 100  
109 27.5 23.3 34.9  
65 62.0 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 48.335 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143865.D

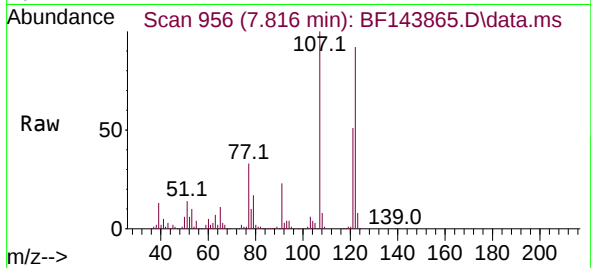
Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD



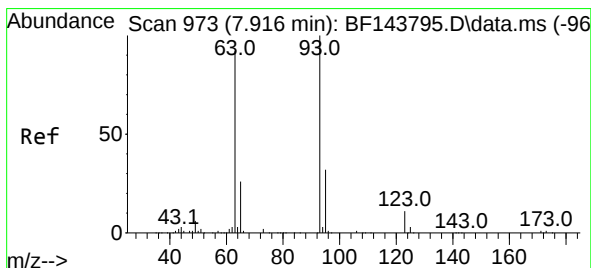
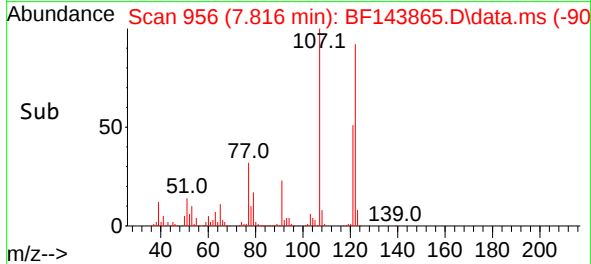
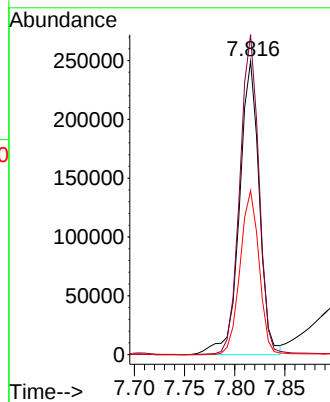
Tgt Ion:122 Resp: 342762

Ion Ratio Lower Upper

122 100

107 109.1 87.5 131.3

121 55.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.771 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

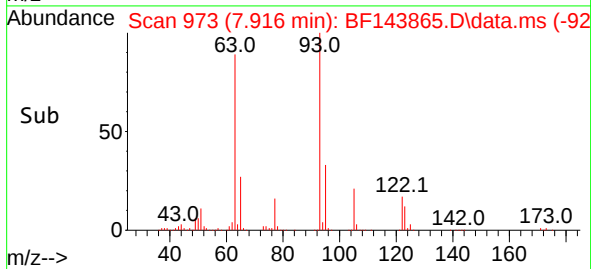
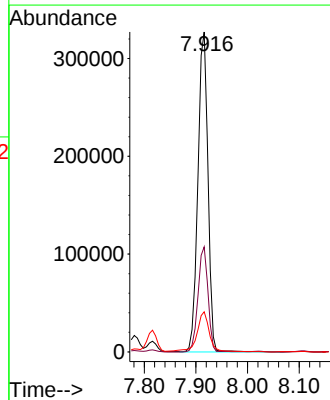
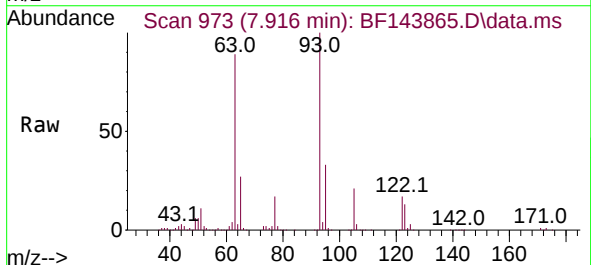
Tgt Ion: 93 Resp: 440881

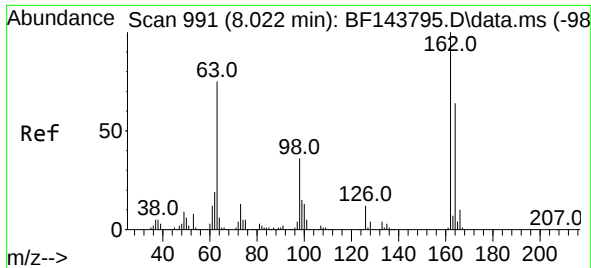
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 12.5 8.8 13.2

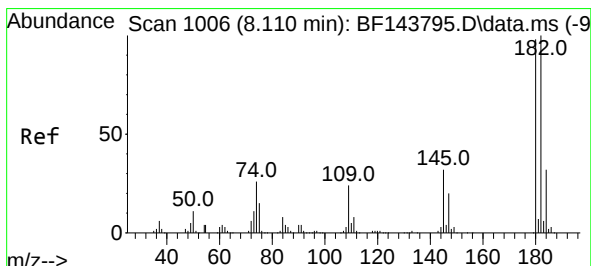
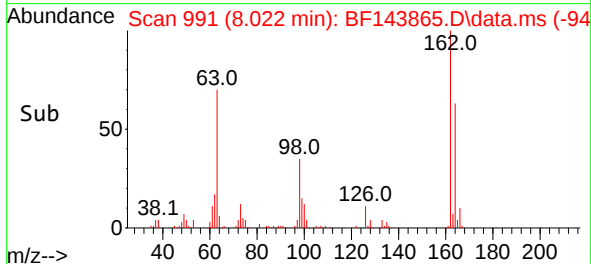
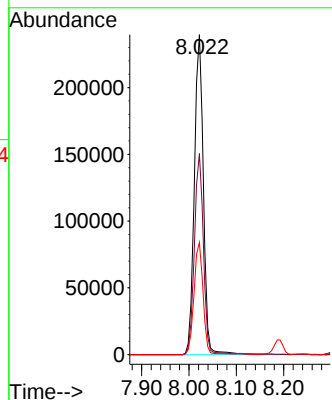
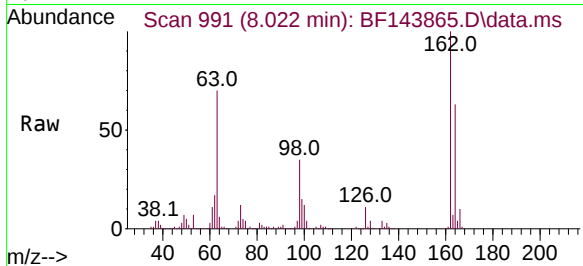




#29  
2,4-Dichlorophenol  
Concen: 45.630 ng  
RT: 8.022 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

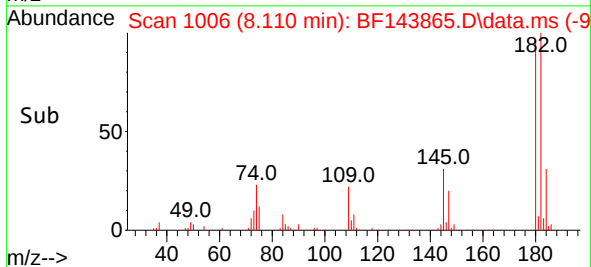
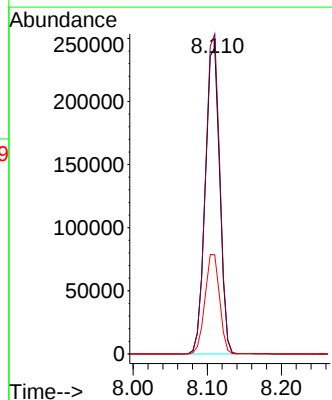
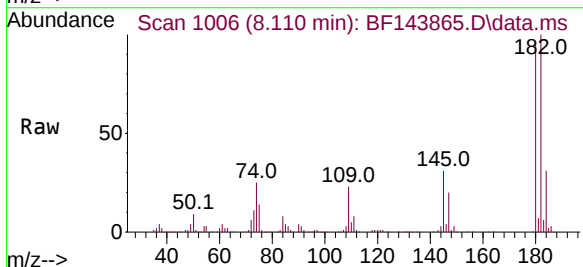
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

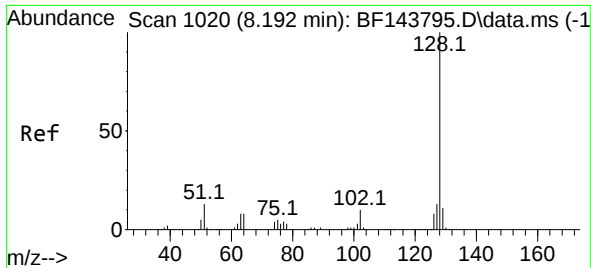
Tgt Ion:162 Resp: 318390  
Ion Ratio Lower Upper  
162 100  
164 62.8 44.1 84.1  
98 35.0 15.8 55.8



#30  
1,2,4-Trichlorobenzene  
Concen: 45.521 ng  
RT: 8.110 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:180 Resp: 329632  
Ion Ratio Lower Upper  
180 100  
182 104.5 82.0 123.0  
145 32.4 25.9 38.9

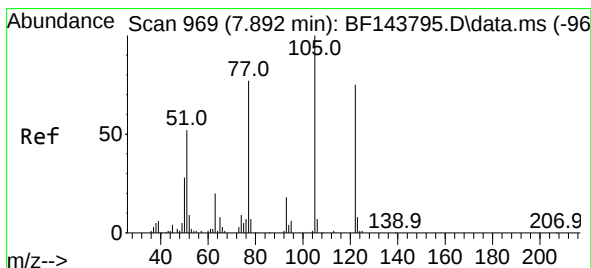
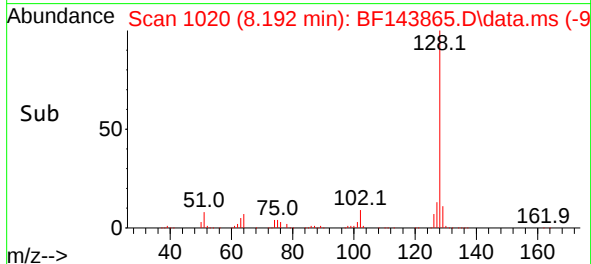
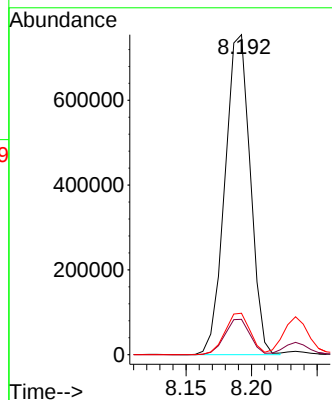
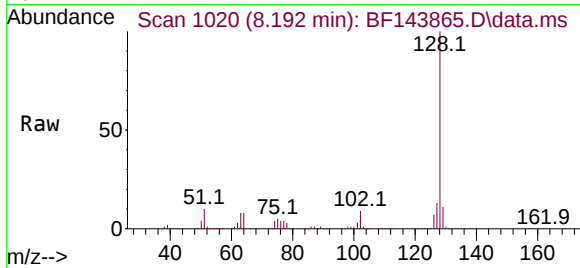




#31  
Naphthalene  
Concen: 42.537 ng  
RT: 8.192 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

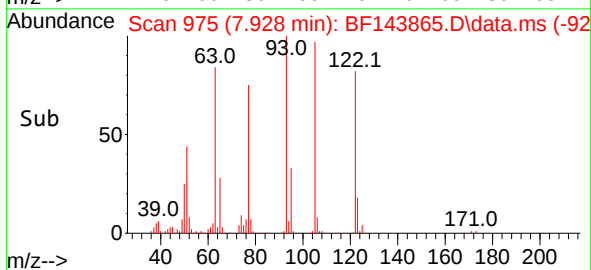
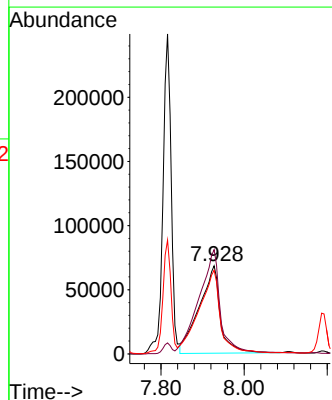
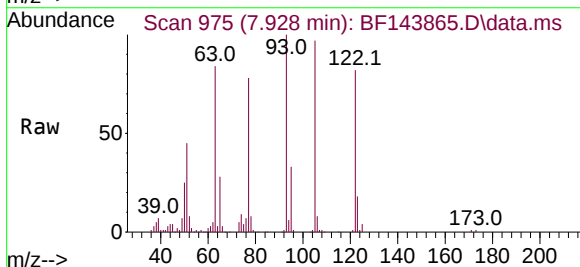
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

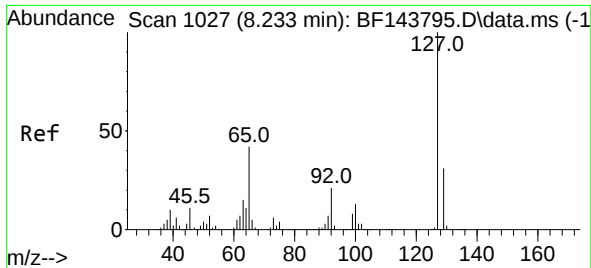
Tgt Ion:128 Resp: 1014845  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.0 10.2 15.4



#32  
Benzoic acid  
Concen: 70.540 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:122 Resp: 241347  
Ion Ratio Lower Upper  
122 100  
105 118.3 103.7 143.7  
77 95.0 78.8 118.8

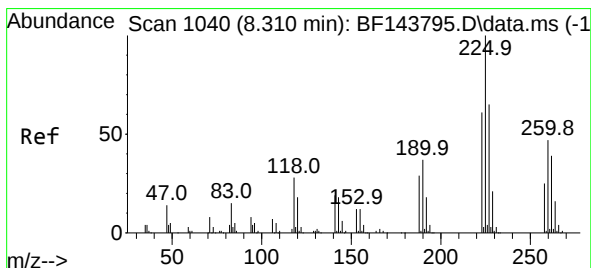
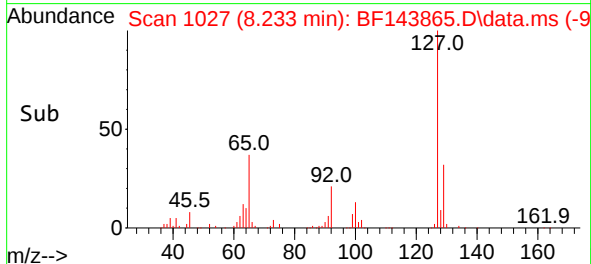
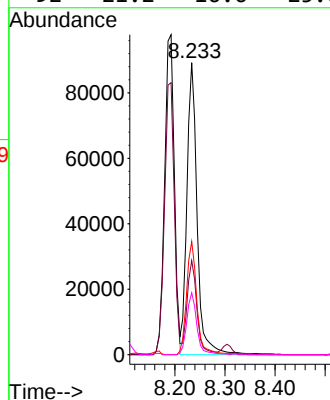
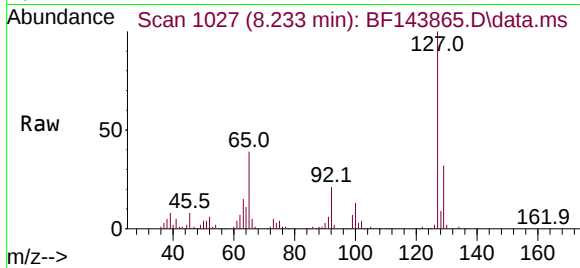




#33  
4-Chloroaniline  
Concen: 15.177 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

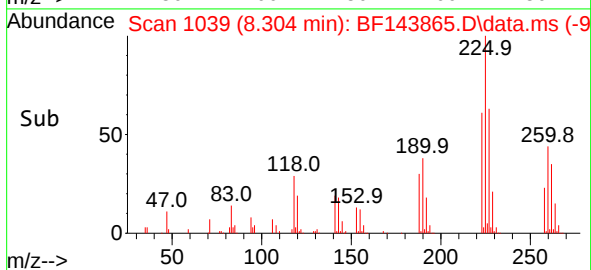
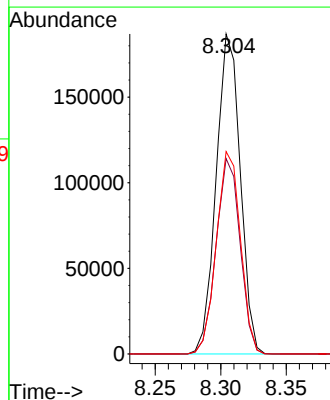
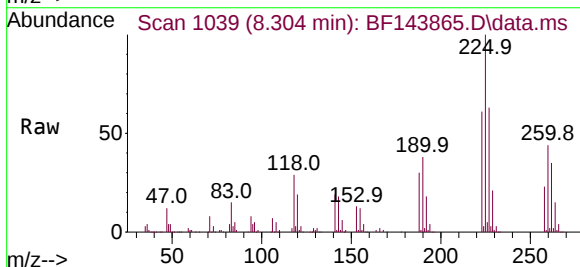
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

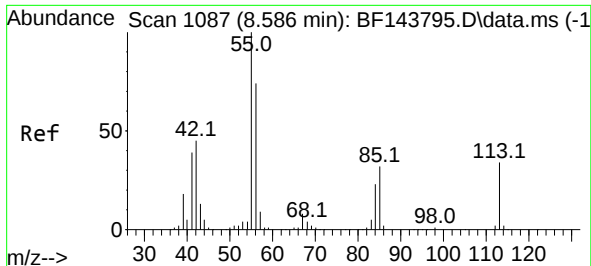
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 127248 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.4  | 38.2   |
| 65       | 38.7  | 33.4  | 50.2   |
| 92       | 21.2  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 44.360 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 239462 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.0  | 48.6  | 72.8   |
| 227      | 63.2  | 51.9  | 77.9   |

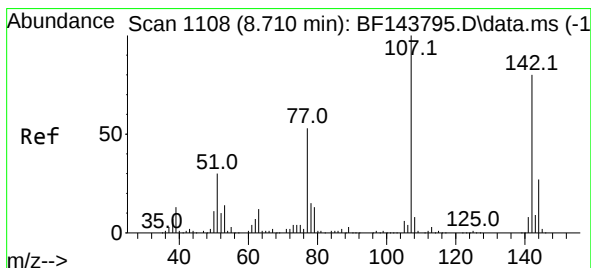
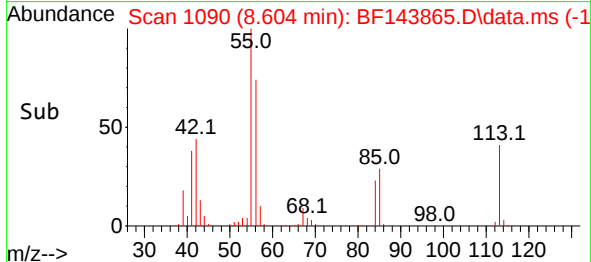
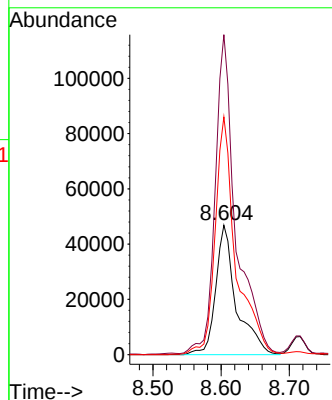
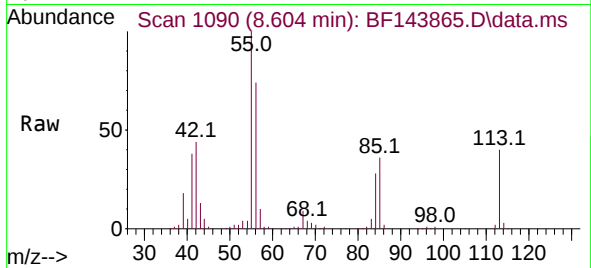




#35  
 Caprolactam  
 Concen: 55.119 ng  
 RT: 8.604 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

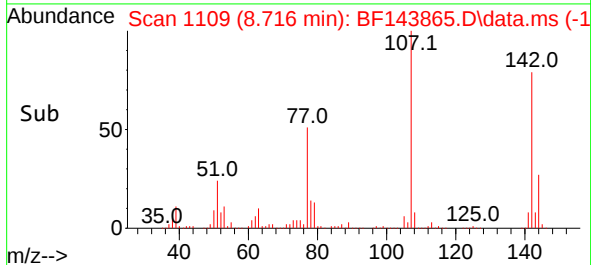
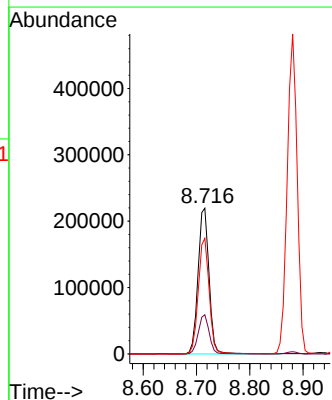
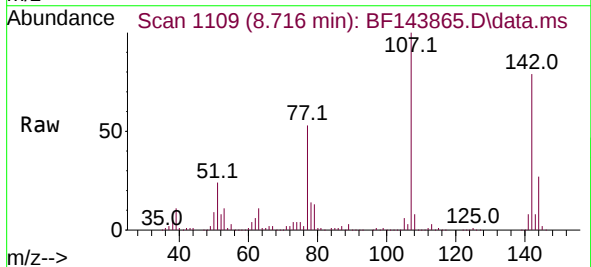
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-3-6FTMSD

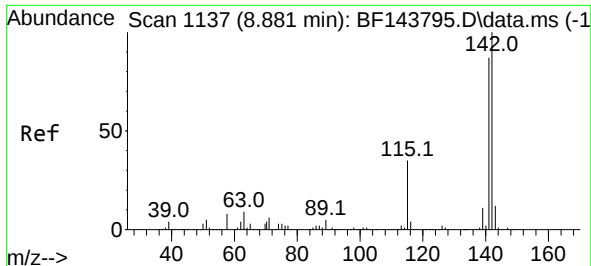
Tgt Ion:113 Resp: 98305  
 Ion Ratio Lower Upper  
 113 100  
 55 247.4 271.7 311.7#  
 56 183.8 194.5 234.5#



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.105 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

Tgt Ion:107 Resp: 314805  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 21.8 32.8  
 142 79.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.020 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

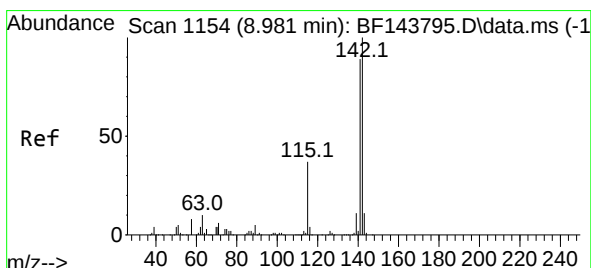
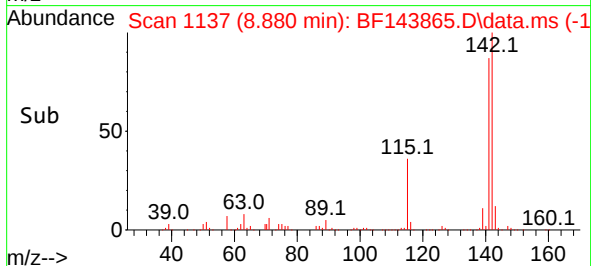
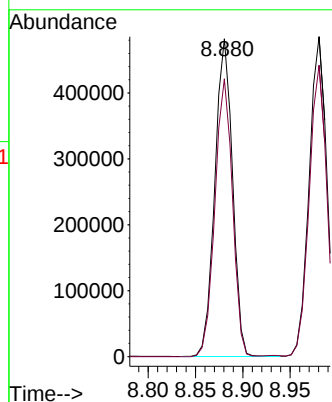
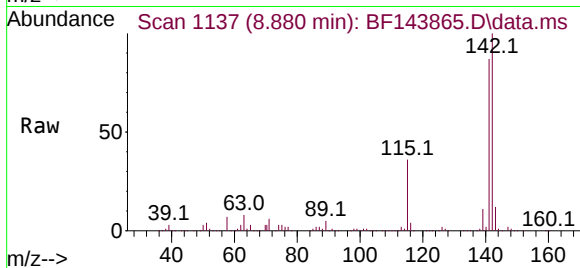
ENV-3-6FTMSD

Tgt Ion:142 Resp: 624027

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.822 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143865.D

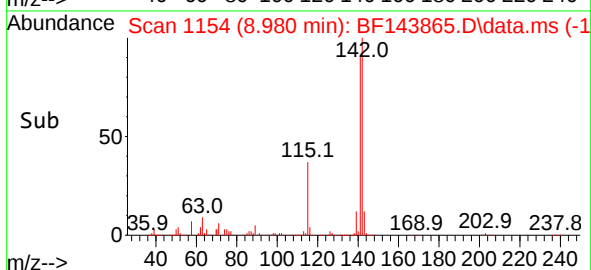
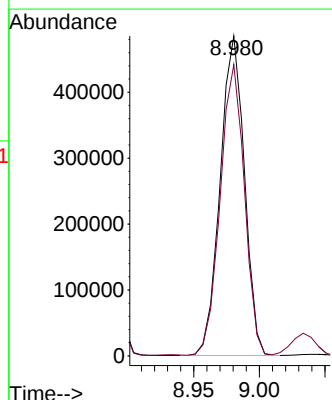
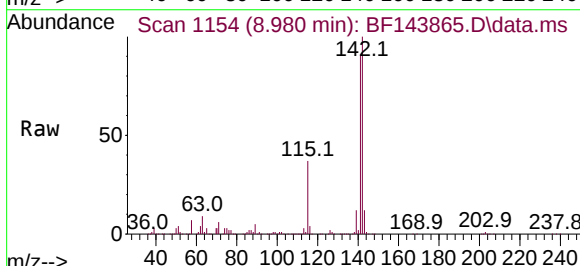
Acq: 02 Oct 2025 20:07

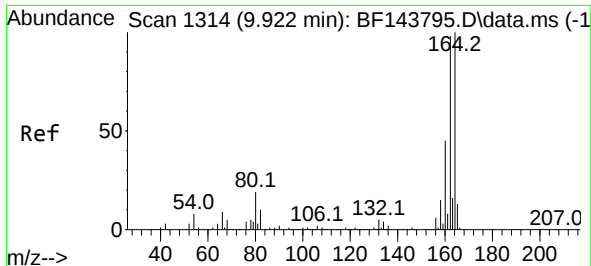
Tgt Ion:142 Resp: 623542

Ion Ratio Lower Upper

142 100

141 91.0 71.1 106.7

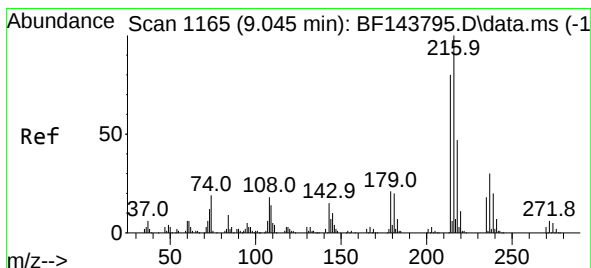
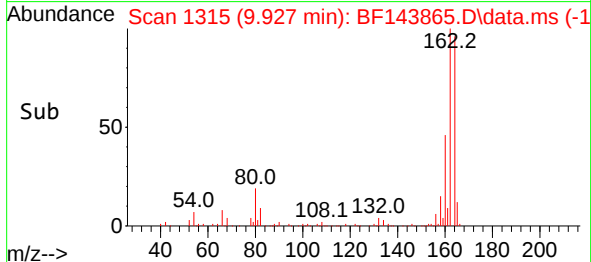
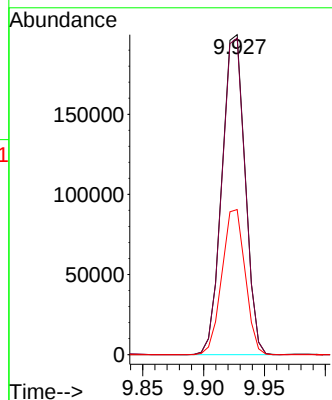
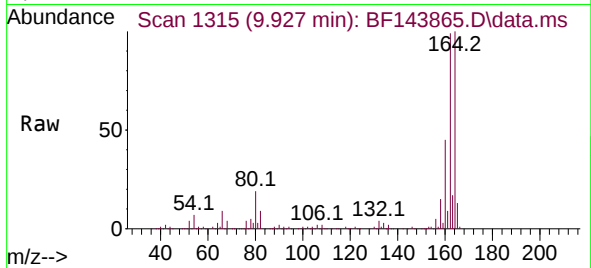




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.927 min Scan# 1314  
Delta R.T. -0.001 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

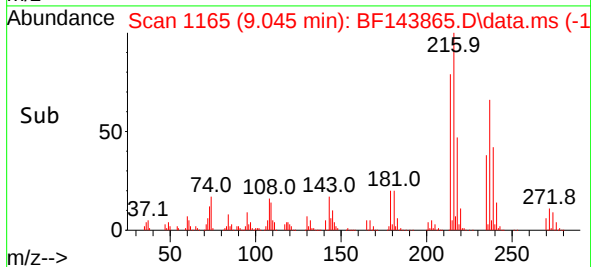
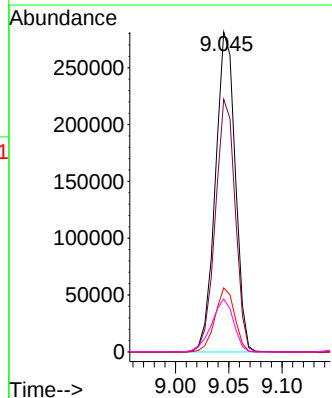
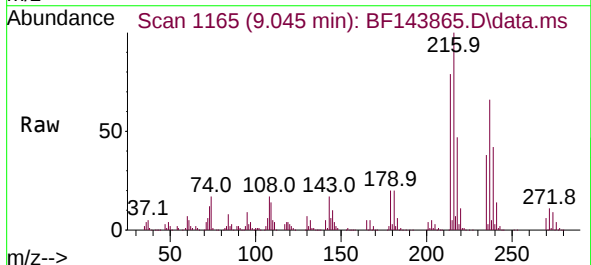
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

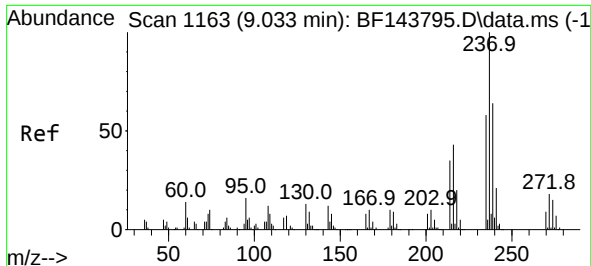
Tgt Ion:164 Resp: 264381  
Ion Ratio Lower Upper  
164 100  
162 98.9 78.8 118.2  
160 45.3 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.748 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:216 Resp: 365001  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.7 95.5  
179 19.8 16.5 24.7  
108 18.3 14.9 22.3

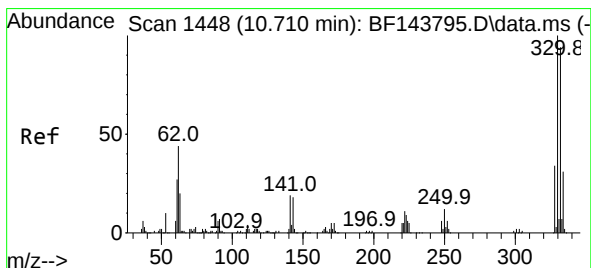
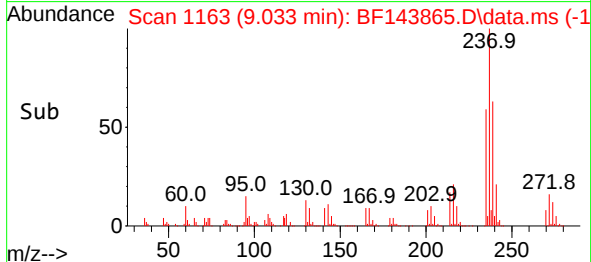
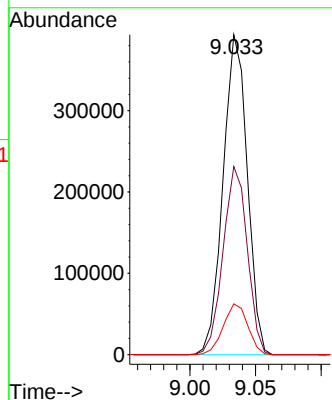
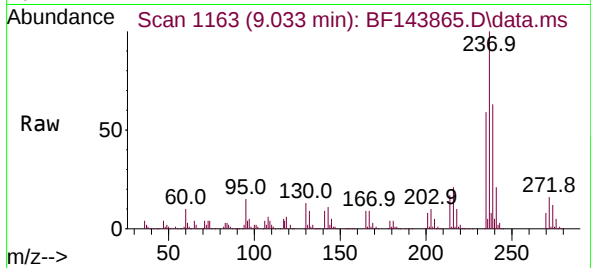




#41  
Hexachlorocyclopentadiene  
Concen: 100.088 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

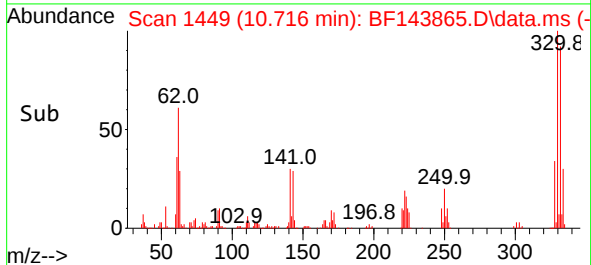
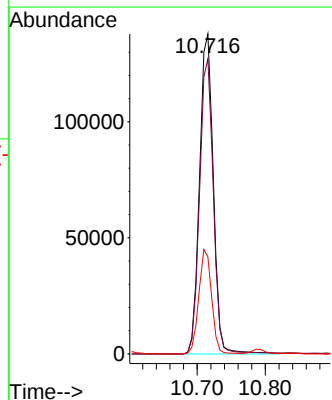
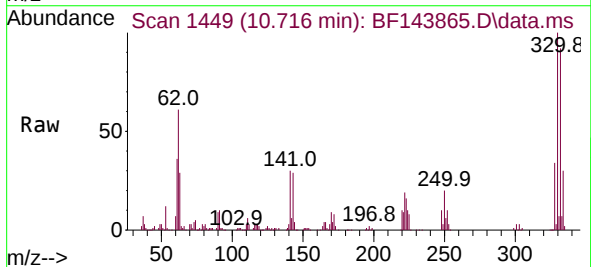
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

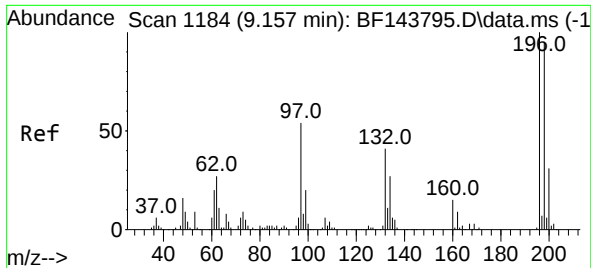
Tgt Ion:237 Resp: 506103  
Ion Ratio Lower Upper  
237 100  
235 58.8 38.1 78.1  
272 15.9 0.0 37.9



#42  
2,4,6-Tribromophenol  
Concen: 49.531 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:330 Resp: 193892  
Ion Ratio Lower Upper  
330 100  
332 92.0 74.7 112.1  
141 30.4 14.3 21.5#

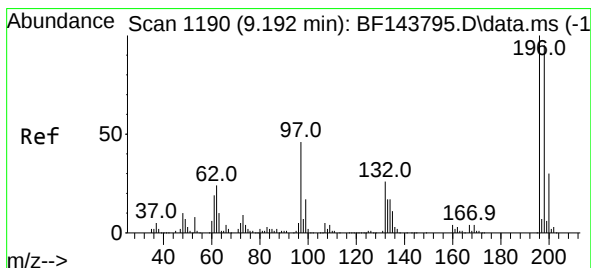
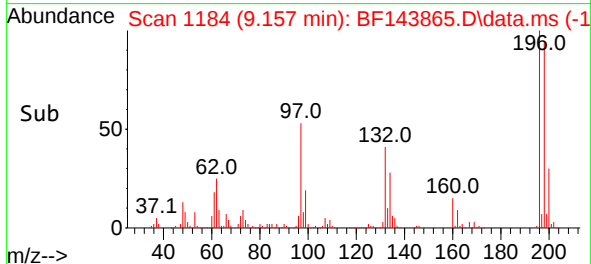
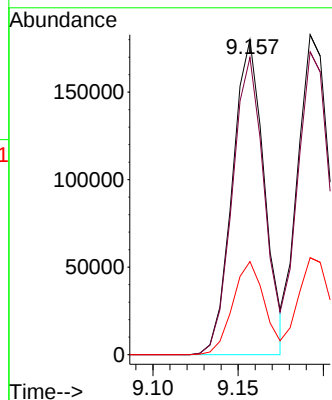
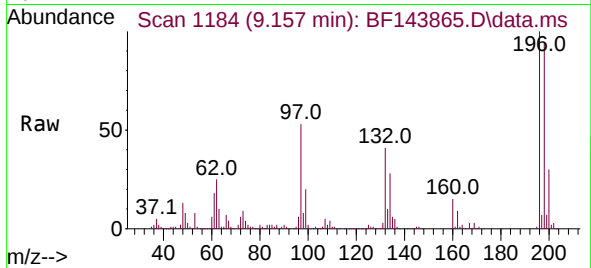




#43  
2,4,6-Trichlorophenol  
Concen: 46.924 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

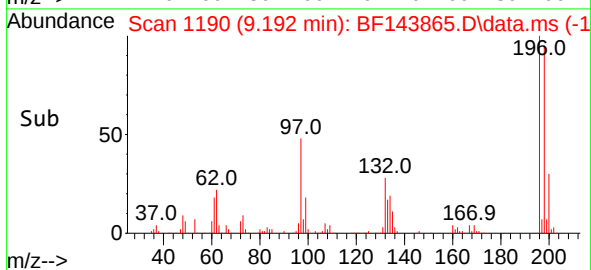
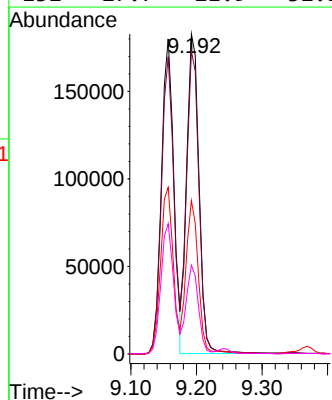
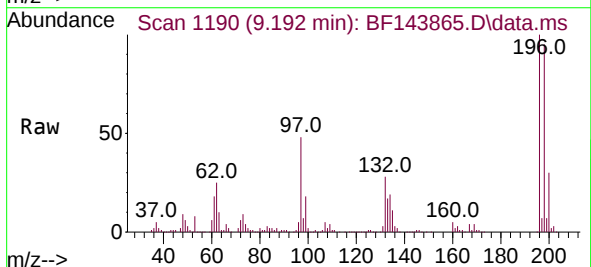
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

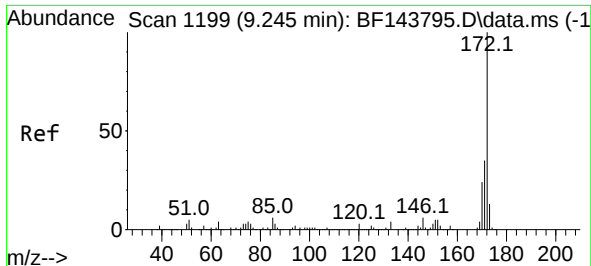
Tgt Ion:196 Resp: 234428  
Ion Ratio Lower Upper  
196 100  
198 94.4 76.2 114.2  
200 29.5 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 46.173 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:196 Resp: 241280  
Ion Ratio Lower Upper  
196 100  
198 94.6 75.9 113.9  
97 47.9 38.3 57.5  
132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 47.569 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

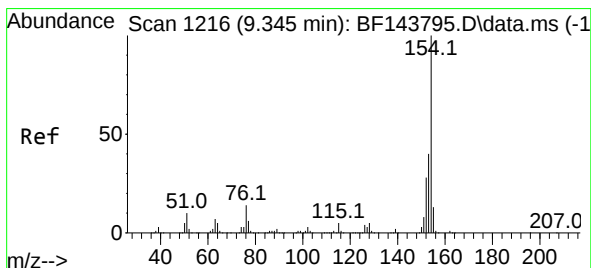
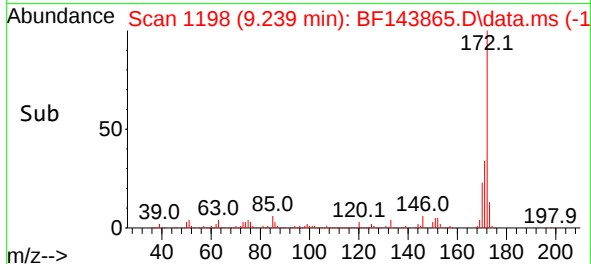
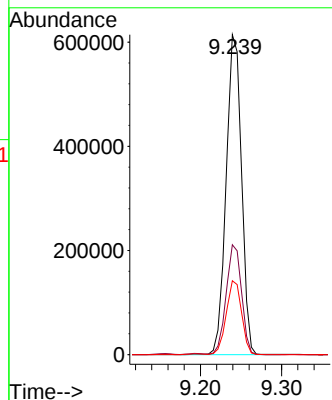
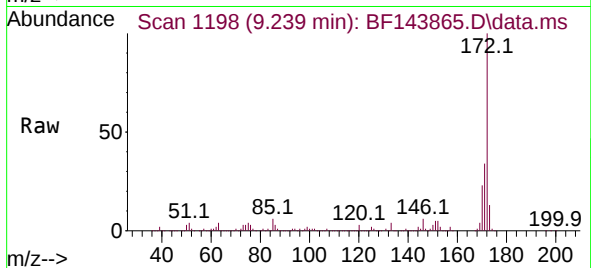
Tgt Ion:172 Resp: 805920

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.870 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

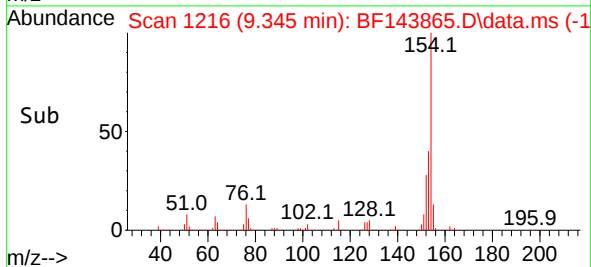
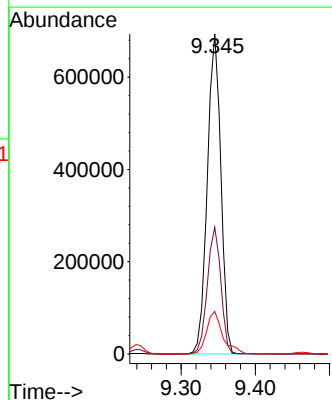
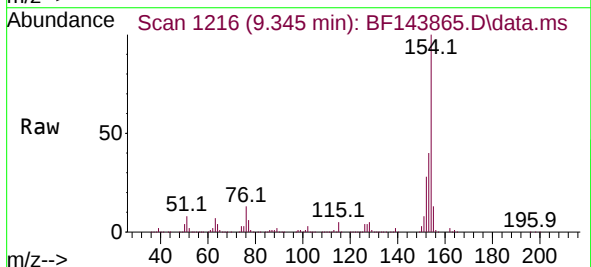
Tgt Ion:154 Resp: 877857

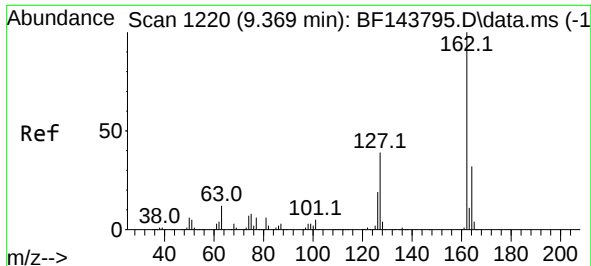
Ion Ratio Lower Upper

154 100

153 39.6 19.7 59.7

76 13.3 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.558 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

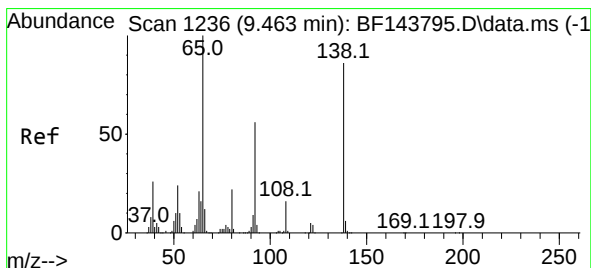
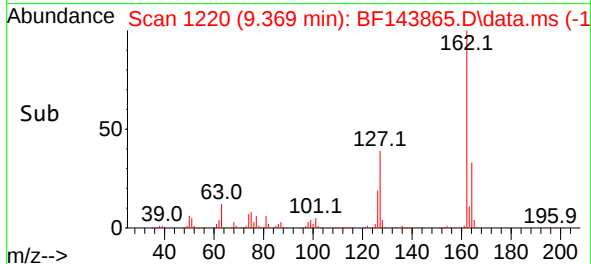
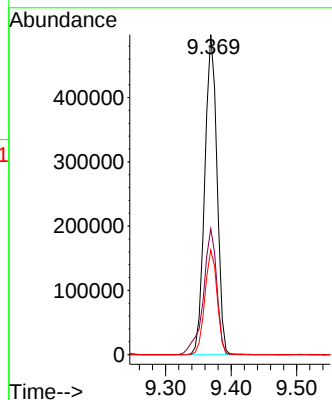
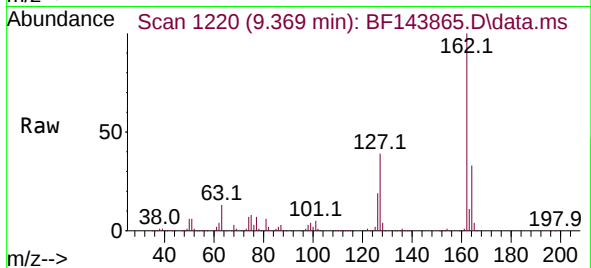
Tgt Ion:162 Resp: 640207

Ion Ratio Lower Upper

162 100

127 39.3 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 52.549 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

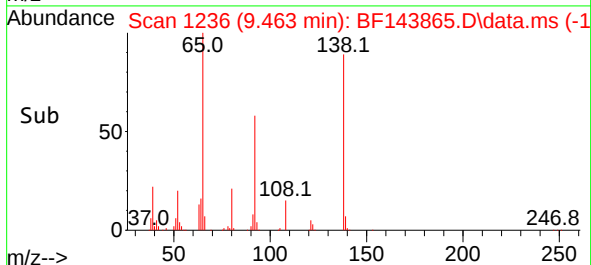
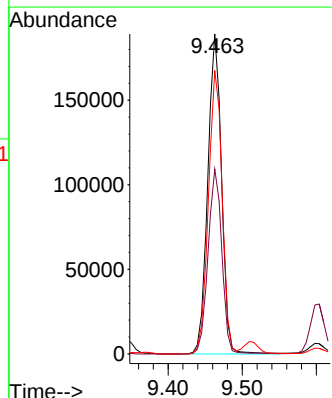
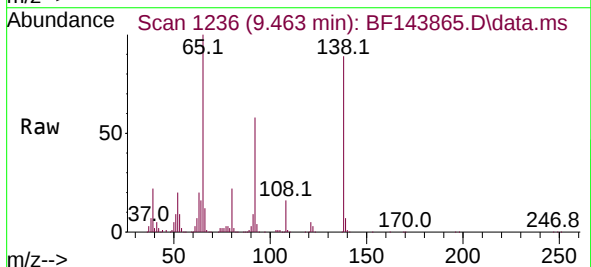
Tgt Ion: 65 Resp: 244664

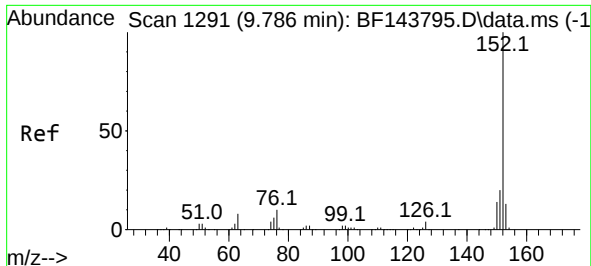
Ion Ratio Lower Upper

65 100

92 57.8 44.9 67.3

138 88.6 69.0 103.4





#49

Acenaphthylene

Concen: 48.992 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

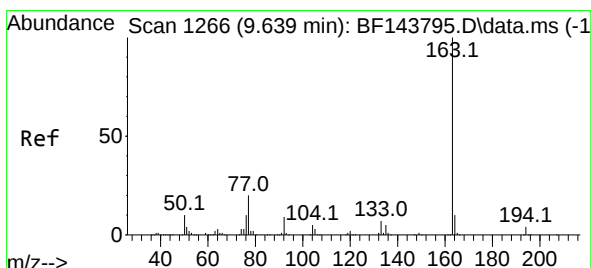
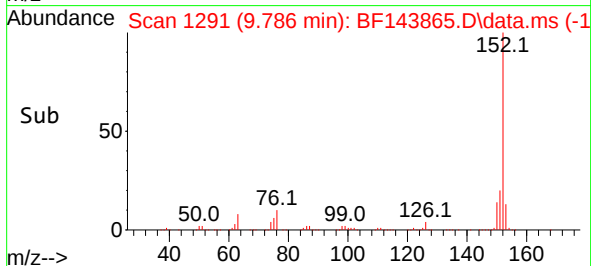
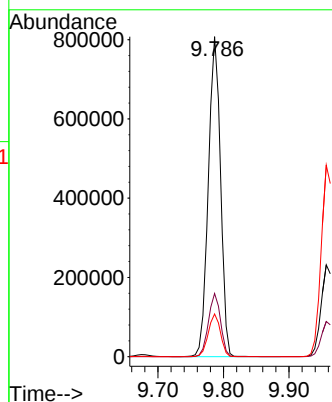
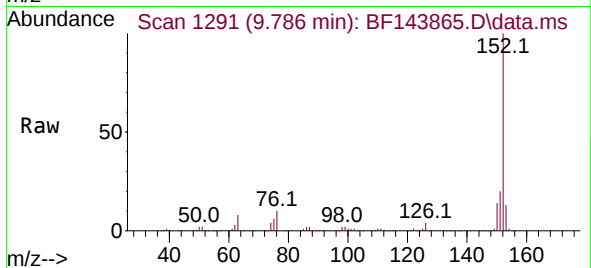
Tgt Ion:152 Resp: 1038980

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 46.985 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

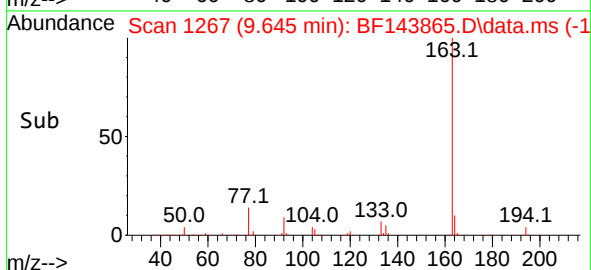
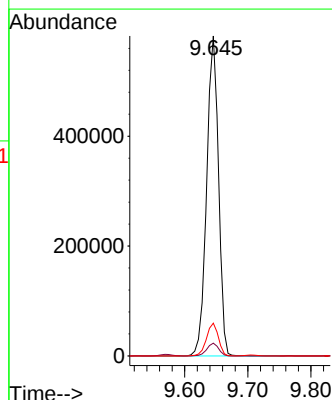
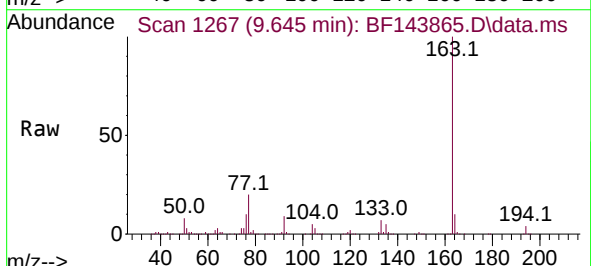
Tgt Ion:163 Resp: 757119

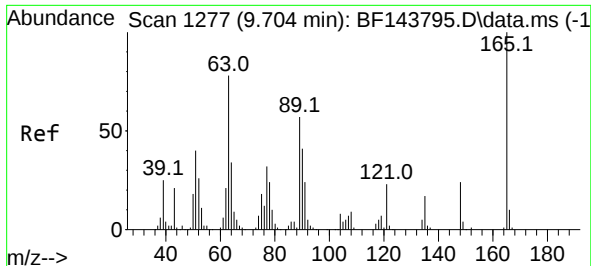
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.2 8.2 12.2

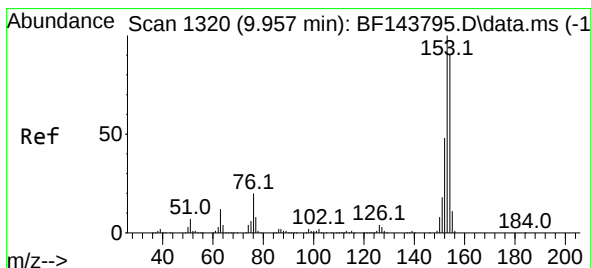
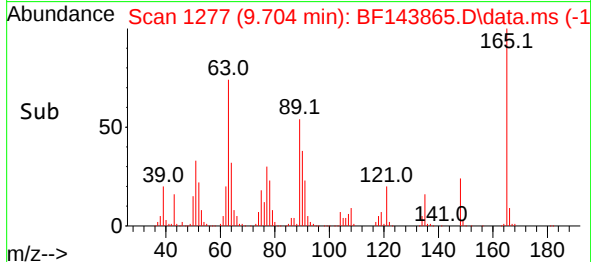
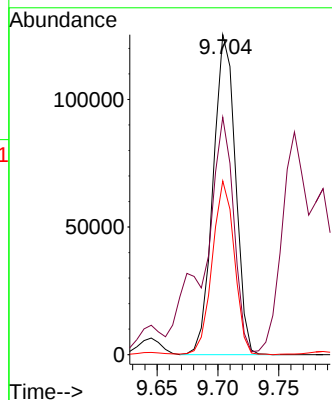
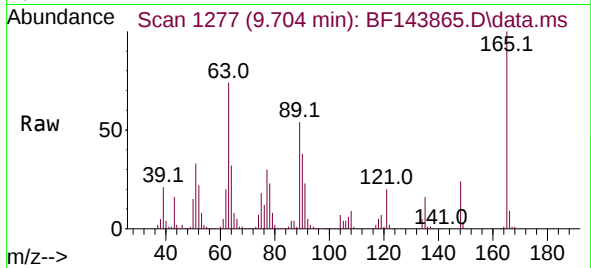




#51  
2,6-Dinitrotoluene  
Concen: 60.256 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

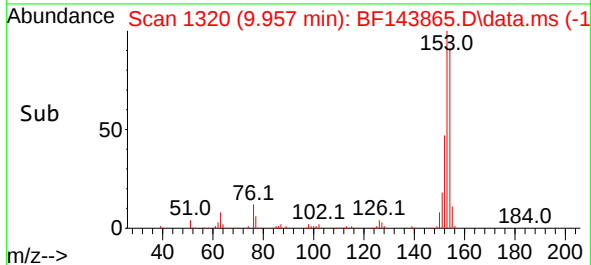
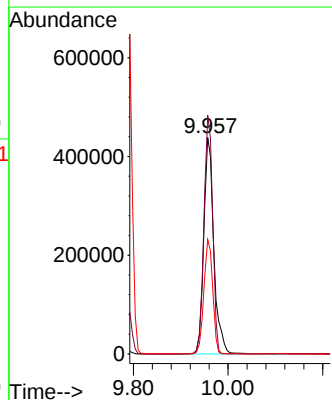
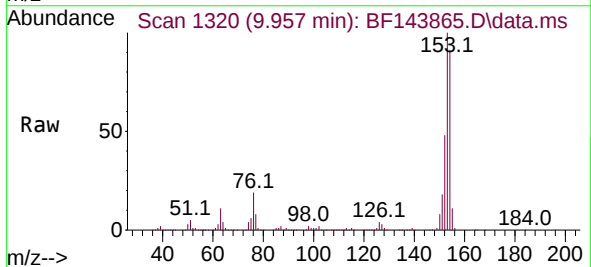
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

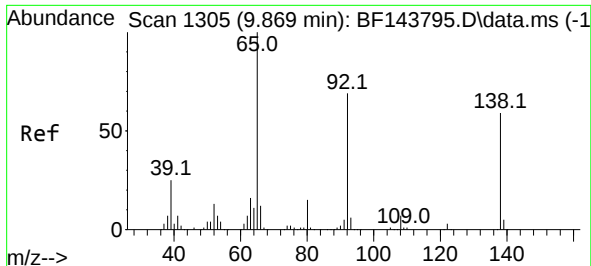
Tgt Ion:165 Resp: 159530  
Ion Ratio Lower Upper  
165 100  
63 74.2 62.6 94.0  
89 54.3 45.2 67.8



#52  
Acenaphthene  
Concen: 46.049 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

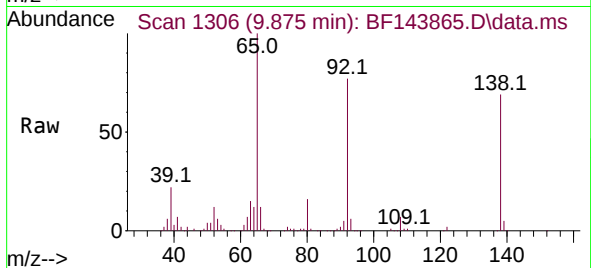
Tgt Ion:154 Resp: 642646  
Ion Ratio Lower Upper  
154 100  
153 110.3 88.7 133.1  
152 52.8 42.7 64.1



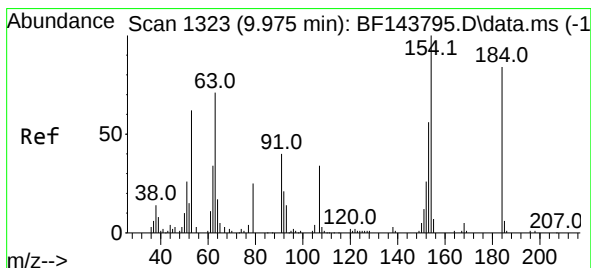
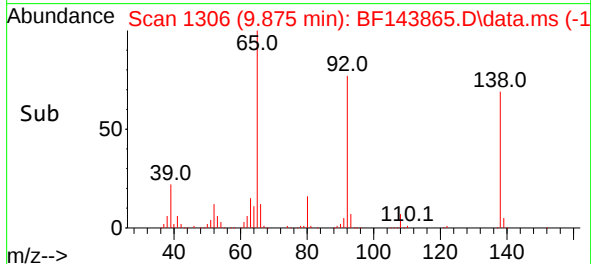
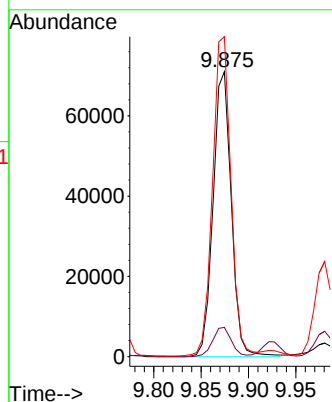


#53  
3-Nitroaniline  
Concen: 29.577 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

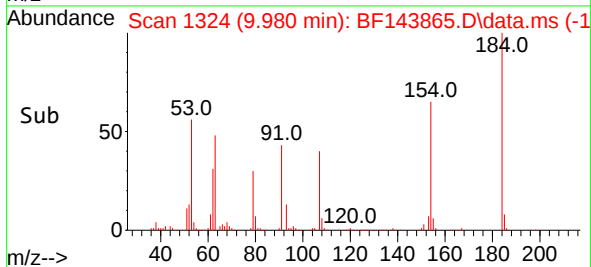
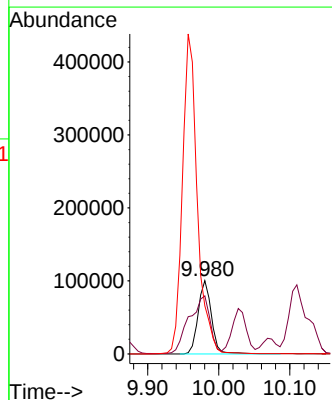
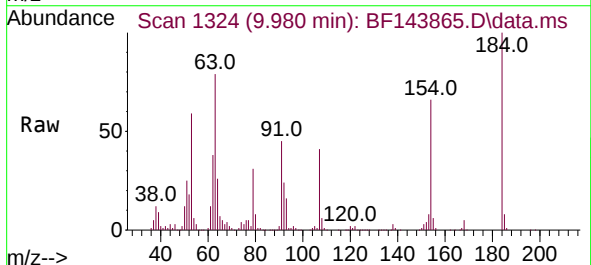


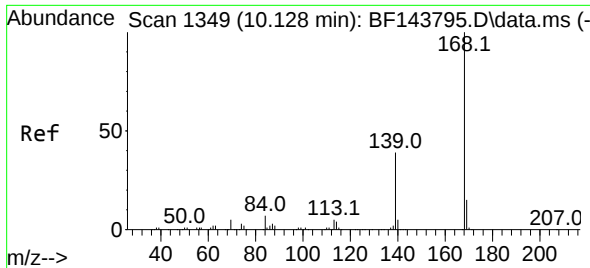
Tgt Ion:138 Resp: 94917  
Ion Ratio Lower Upper  
138 100  
108 10.2 9.9 14.9  
92 112.3 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 99.763 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.005 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:184 Resp: 130560  
Ion Ratio Lower Upper  
184 100  
63 79.2 84.6 127.0#  
154 65.5 199.3 298.9#

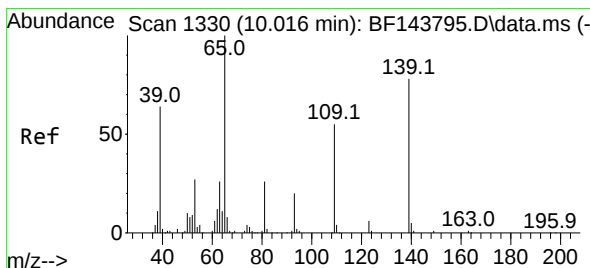
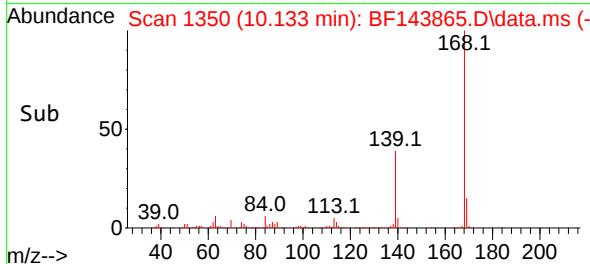
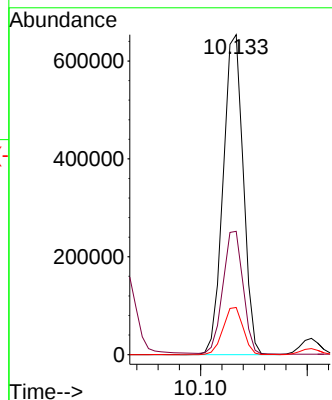
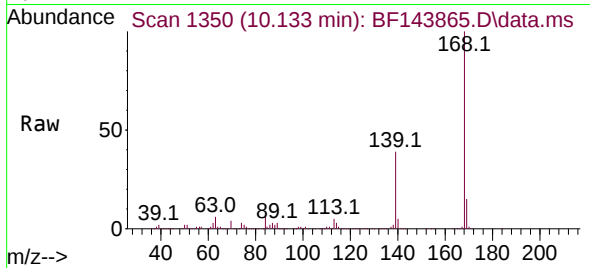




#55  
Dibenzenofuran  
Concen: 43.511 ng  
RT: 10.133 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

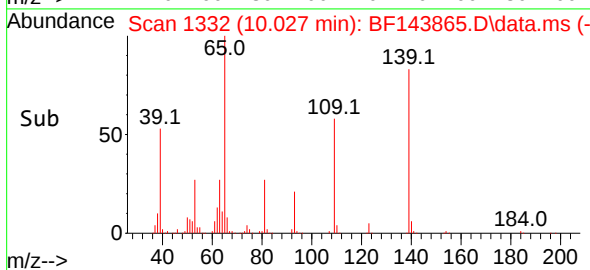
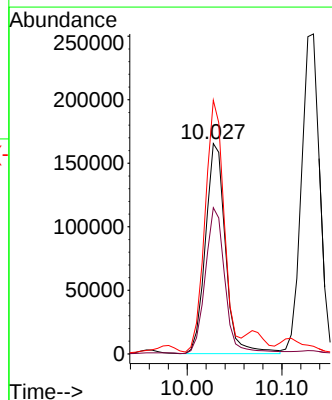
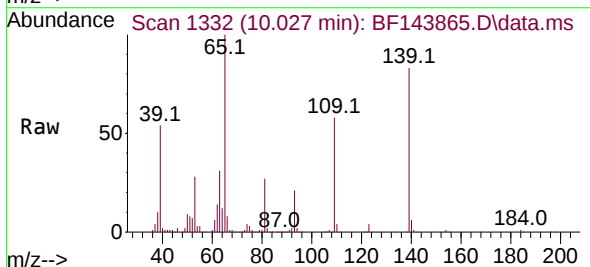
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

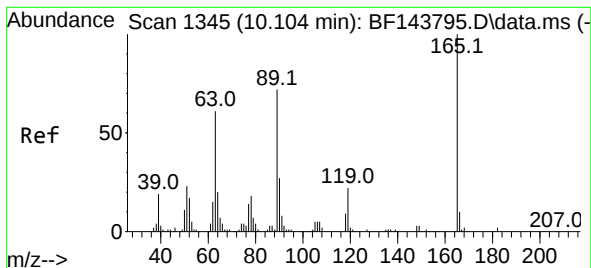
Tgt Ion:168 Resp: 858670  
Ion Ratio Lower Upper  
168 100  
139 38.5 31.0 46.6  
169 14.7 11.9 17.9



#56  
4-Nitrophenol  
Concen: 93.807 ng  
RT: 10.027 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

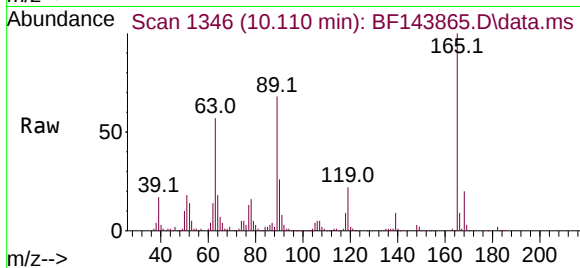
Tgt Ion:139 Resp: 242587  
Ion Ratio Lower Upper  
139 100  
109 69.5 50.2 90.2  
65 120.6 109.2 149.2



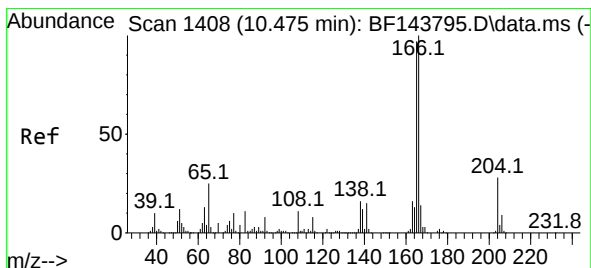
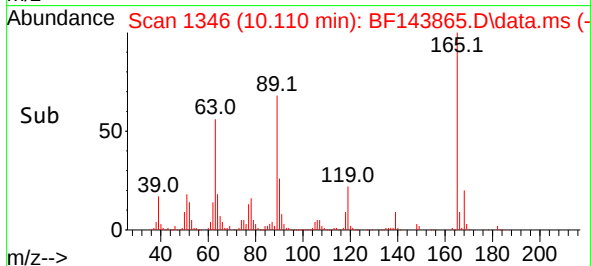
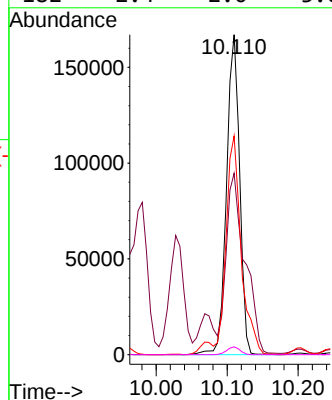


#57  
2,4-Dinitrotoluene  
Concen: 54.018 ng  
RT: 10.110 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

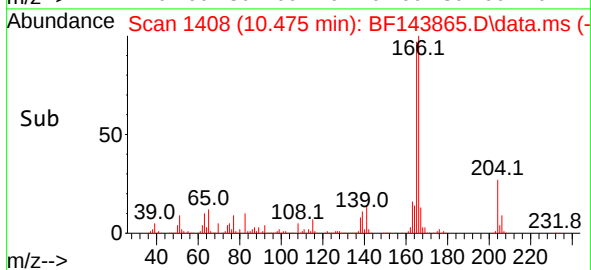
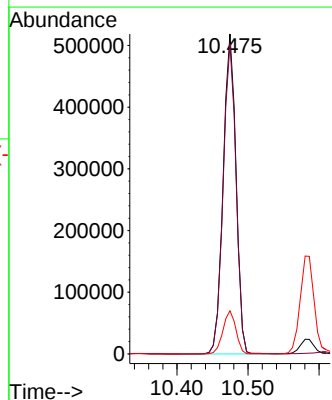
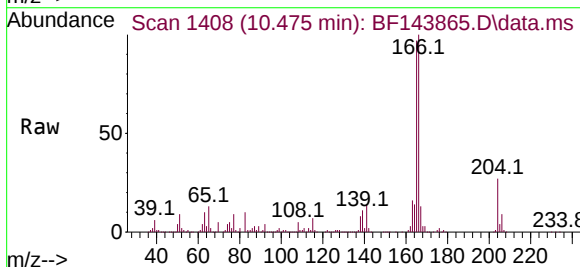


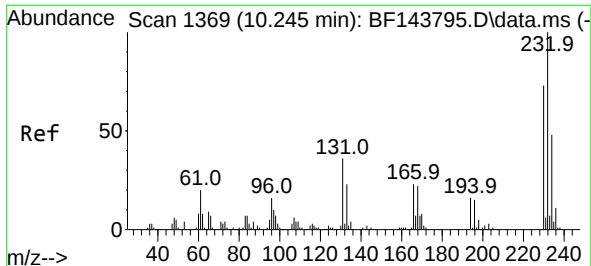
Tgt Ion:165 Resp: 213806  
Ion Ratio Lower Upper  
165 100  
63 56.7 48.9 73.3  
89 68.3 57.5 86.3  
182 2.4 2.0 3.0



#58  
Fluorene  
Concen: 44.553 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:166 Resp: 653647  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.0 117.0  
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.109 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

Tgt Ion:232 Resp: 233271

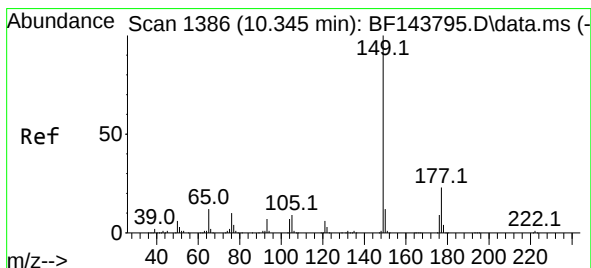
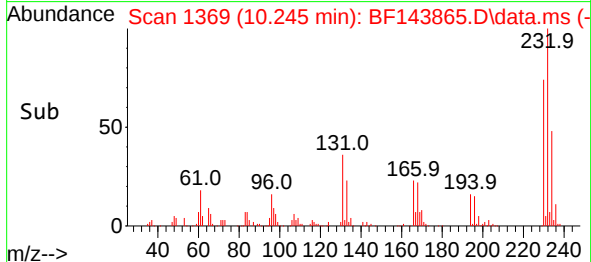
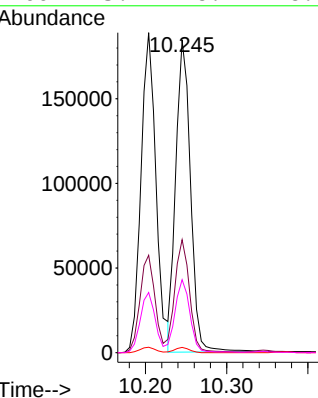
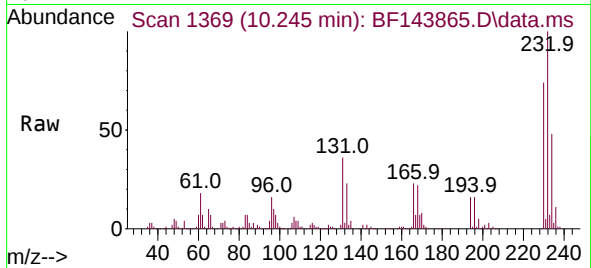
Ion Ratio Lower Upper

232 100

131 36.6 29.4 44.2

130 1.6 1.3 1.9

166 23.4 18.7 28.1



#60

Diethylphthalate

Concen: 47.326 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

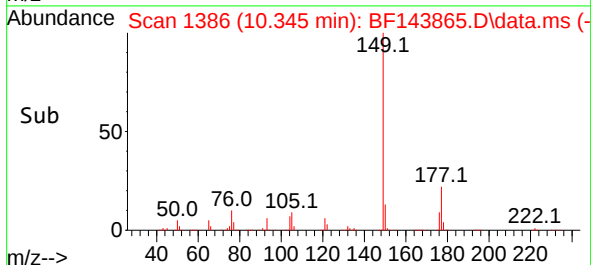
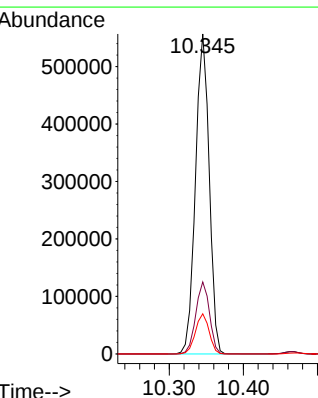
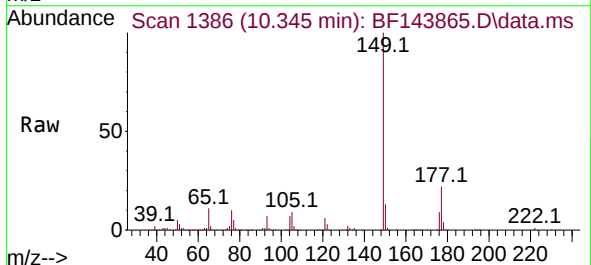
Tgt Ion:149 Resp: 713871

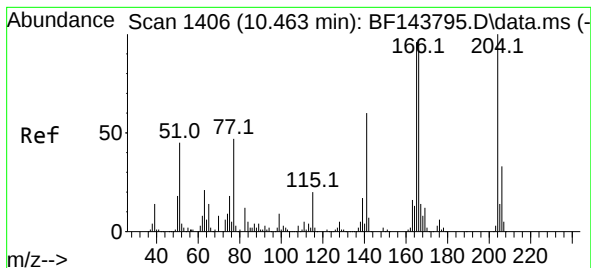
Ion Ratio Lower Upper

149 100

177 22.5 18.1 27.1

150 12.5 9.7 14.5

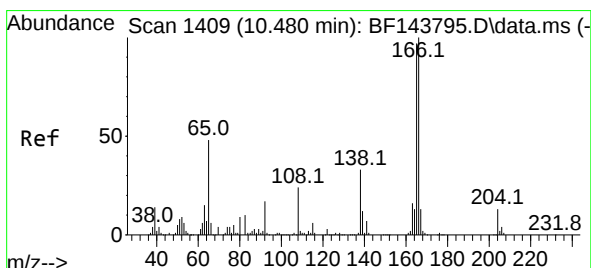
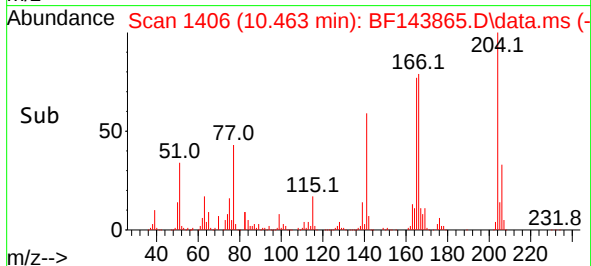
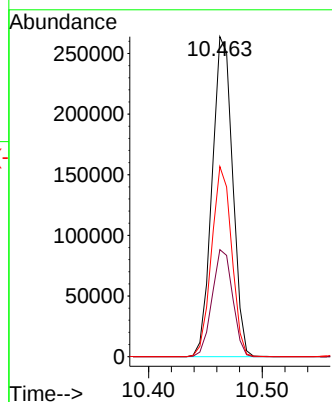
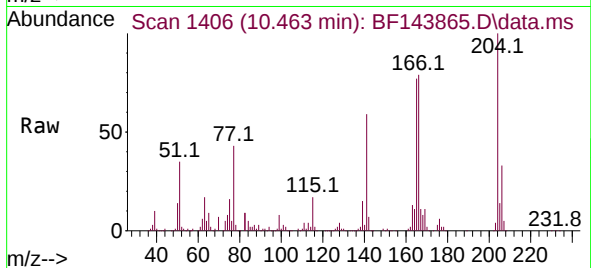




#61  
4-Chlorophenyl-phenylether  
Concen: 44.265 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

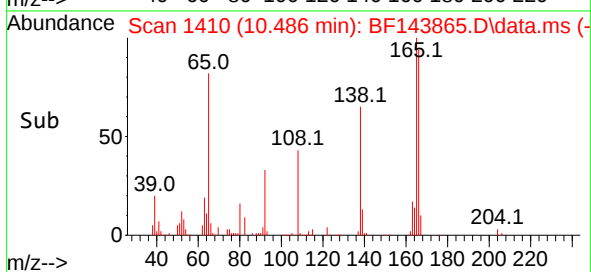
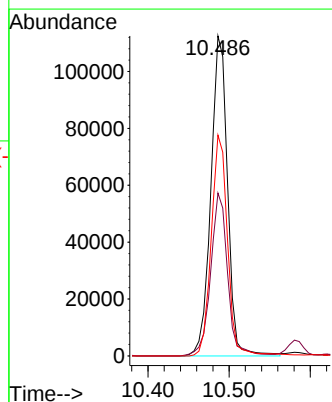
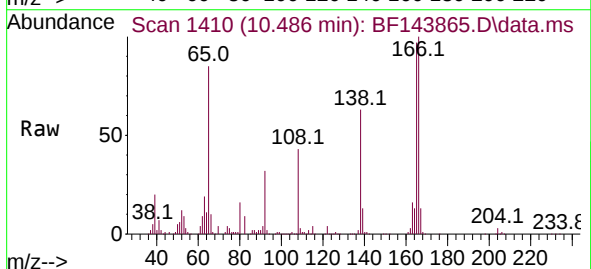
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

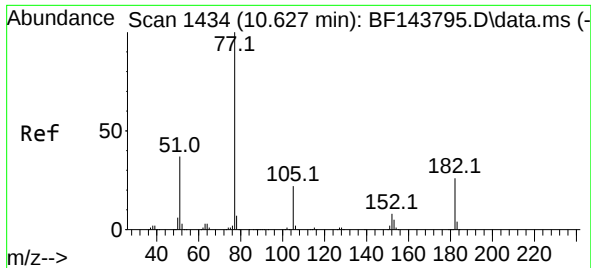
Tgt Ion:204 Resp: 330901  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.7 40.1  
141 59.4 48.2 72.2



#62  
4-Nitroaniline  
Concen: 53.358 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:138 Resp: 161005  
Ion Ratio Lower Upper  
138 100  
92 50.9 31.5 71.5  
108 69.0 51.9 91.9

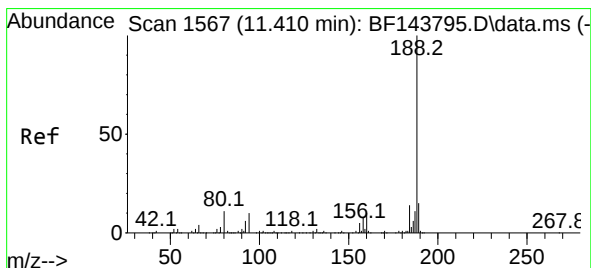
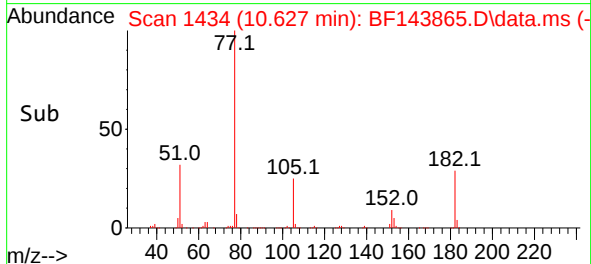
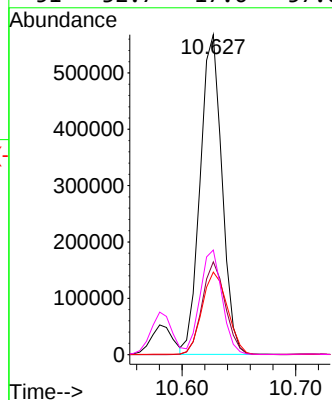
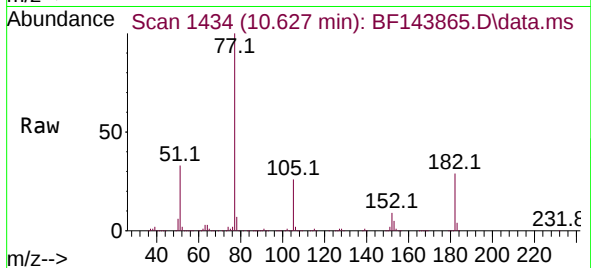




#63  
Azobenzene  
Concen: 47.547 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

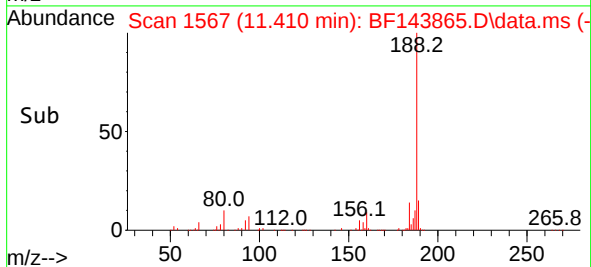
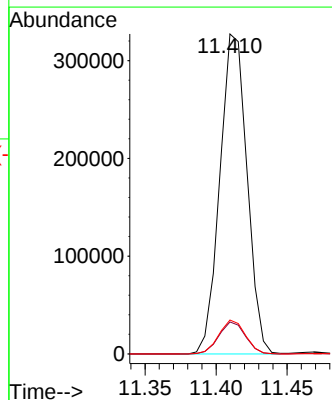
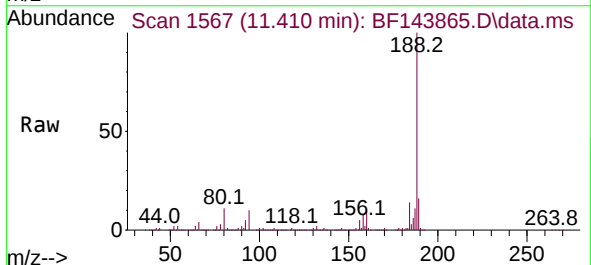
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

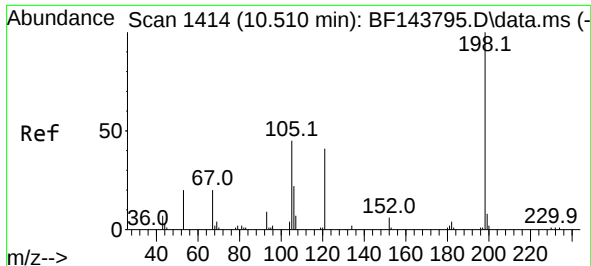
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 755872 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.0  | 5.9   | 45.9   |
| 105      | 25.8  | 2.3   | 42.3   |
| 51       | 32.7  | 17.6  | 57.6   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 436632 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.0  | 8.2   | 12.2   |
| 80       | 10.6  | 8.6   | 12.8   |

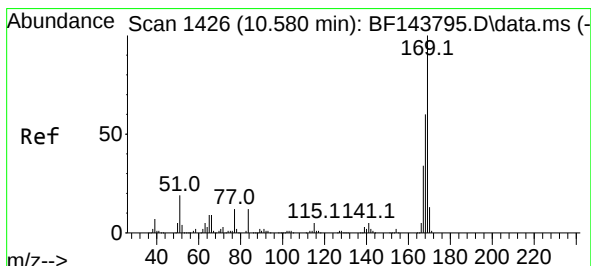
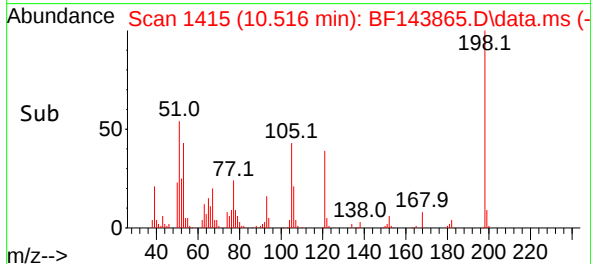
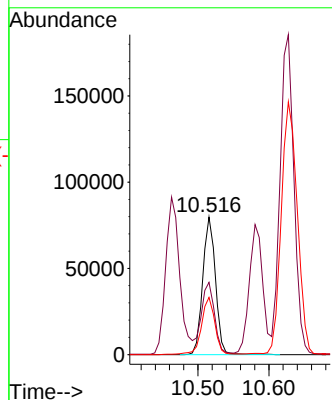
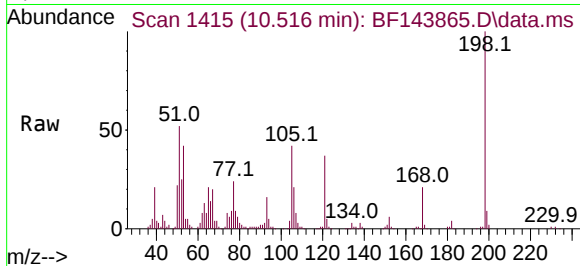




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.139 ng  
RT: 10.516 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

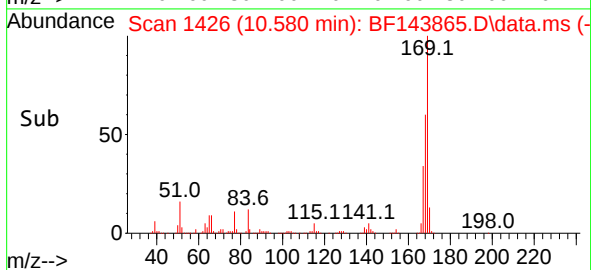
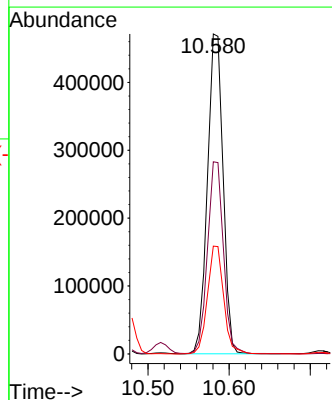
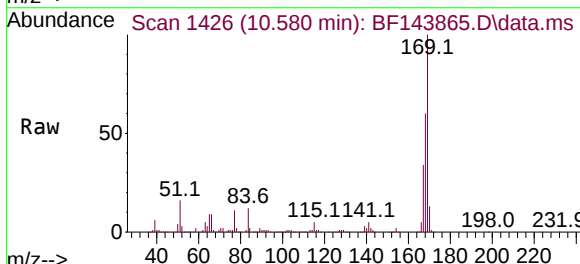
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

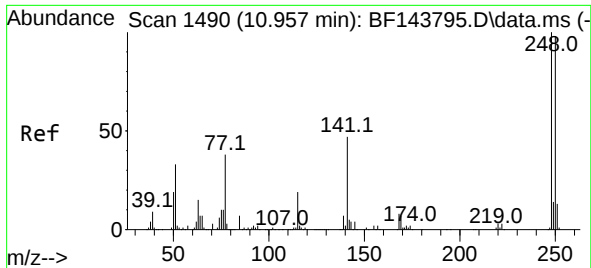
Tgt Ion:198 Resp: 98642  
Ion Ratio Lower Upper  
198 100  
51 52.5 52.0 92.0  
105 41.5 27.5 67.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.924 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:169 Resp: 630722  
Ion Ratio Lower Upper  
169 100  
168 60.0 47.9 71.9  
167 33.7 27.0 40.6

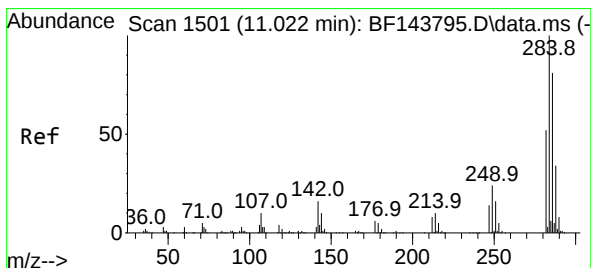
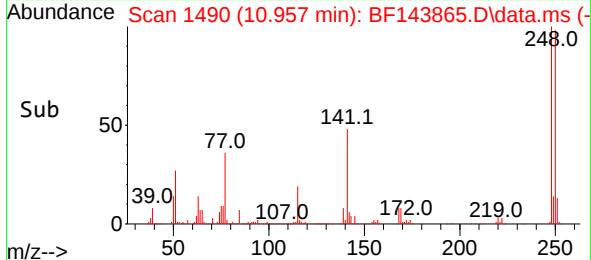
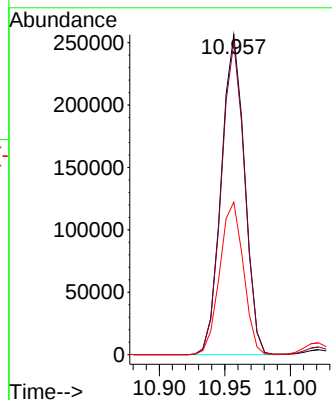
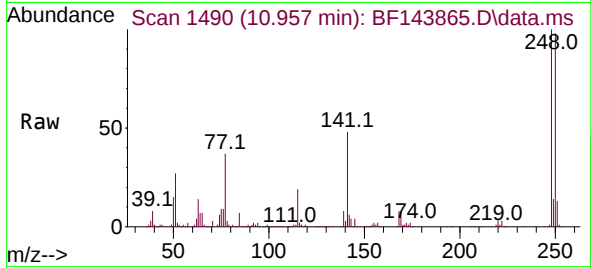




#67  
4-Bromophenyl-phenylether  
Concen: 42.520 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

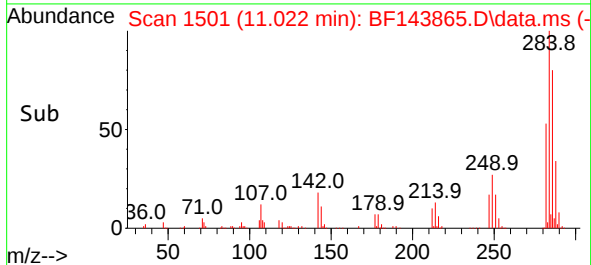
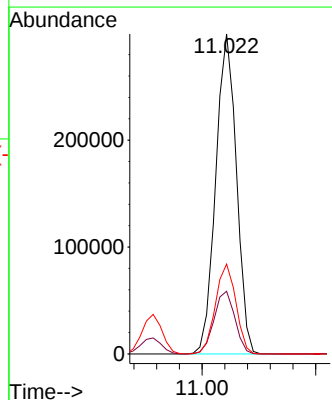
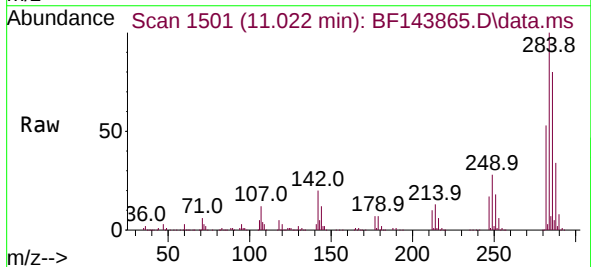
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

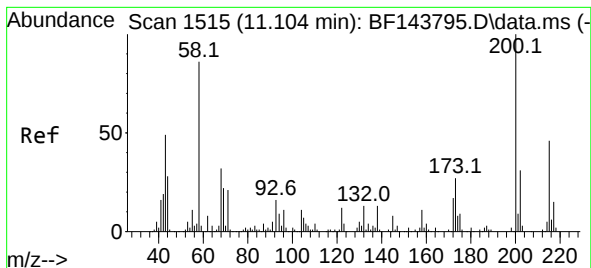
Tgt Ion:248 Resp: 316391  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.7 118.1  
141 47.7 37.9 56.9



#68  
Hexachlorobenzene  
Concen: 36.851 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:284 Resp: 377883  
Ion Ratio Lower Upper  
284 100  
142 19.6 13.1 19.7  
249 28.1 19.5 29.3





#69

Atrazine

Concen: 49.100 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

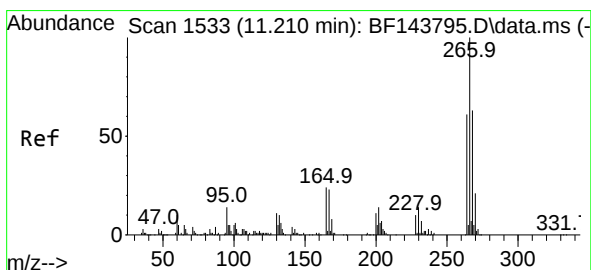
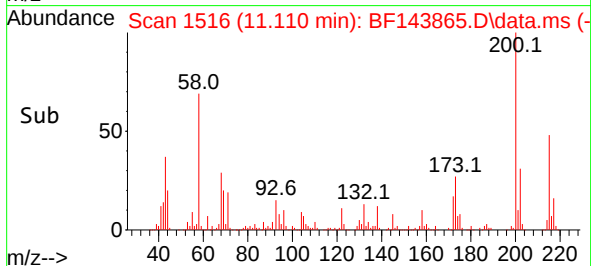
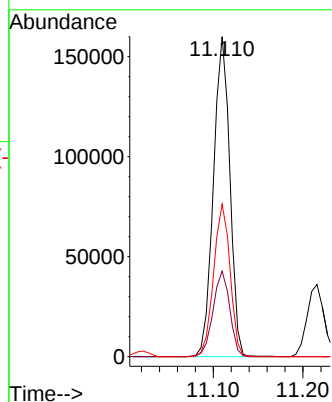
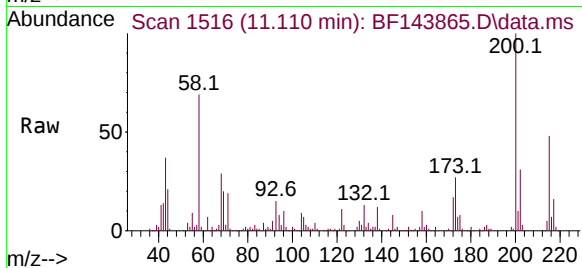
Tgt Ion:200 Resp: 204168

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 47.6 26.0 66.0



#70

Pentachlorophenol

Concen: 83.314 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

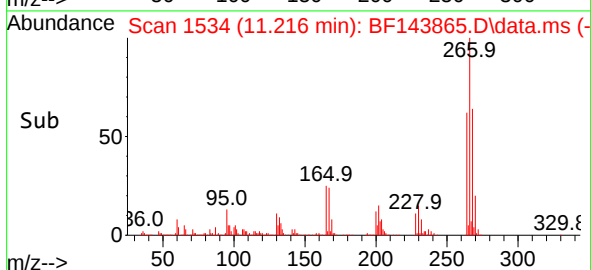
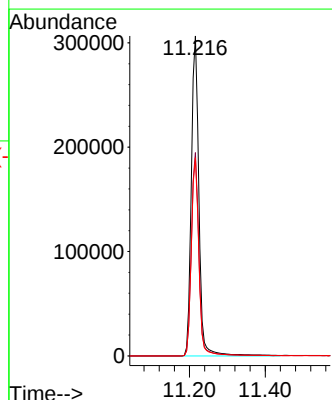
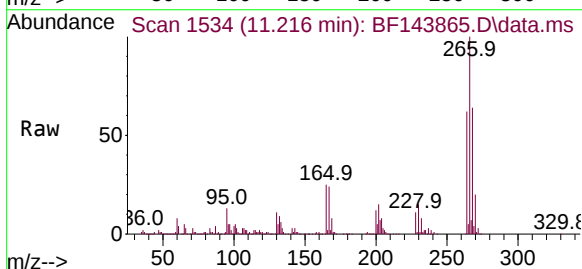
Tgt Ion:266 Resp: 425268

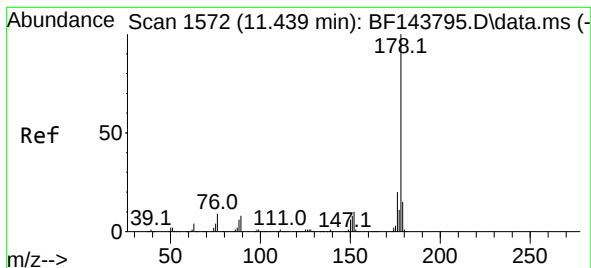
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 61.9 48.8 73.2





#71

Phenanthrene

Concen: 42.984 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

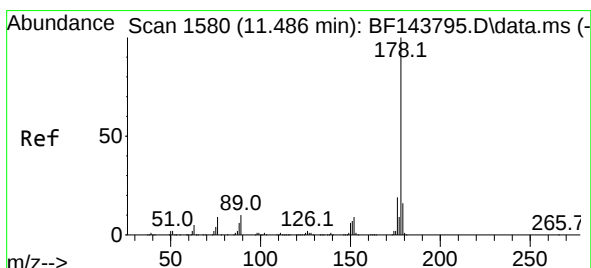
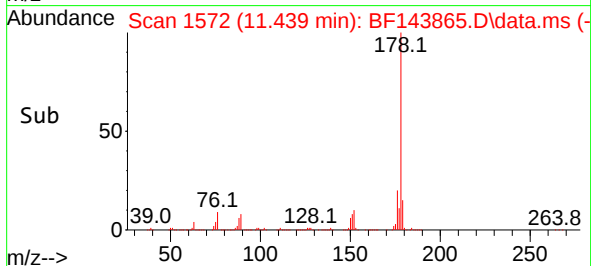
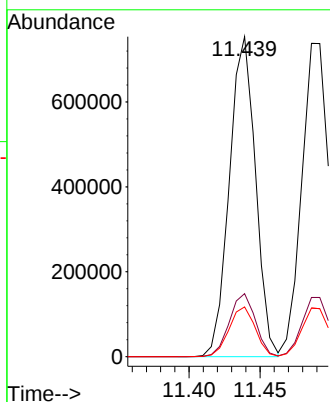
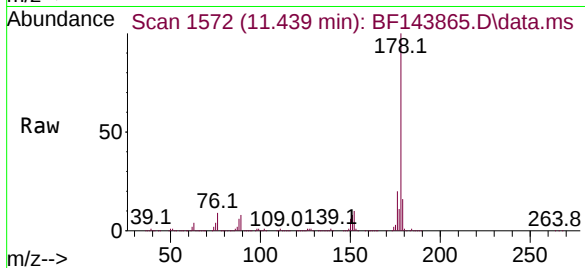
Tgt Ion:178 Resp: 963551

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.2 18.4



#72

Anthracene

Concen: 43.918 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

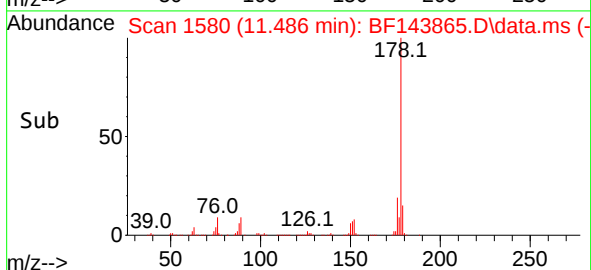
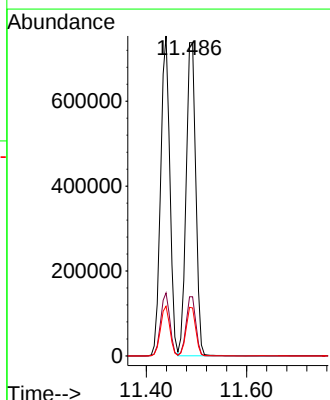
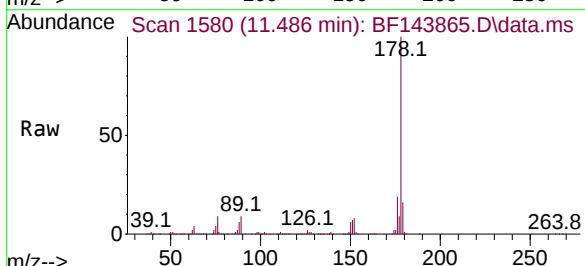
Tgt Ion:178 Resp: 987531

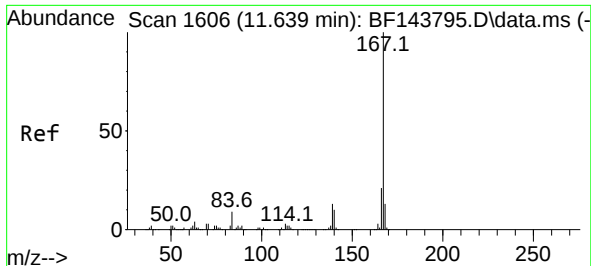
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.8 19.2

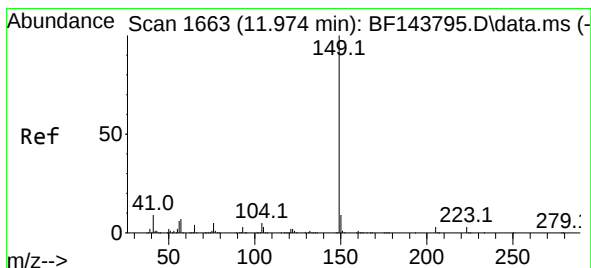
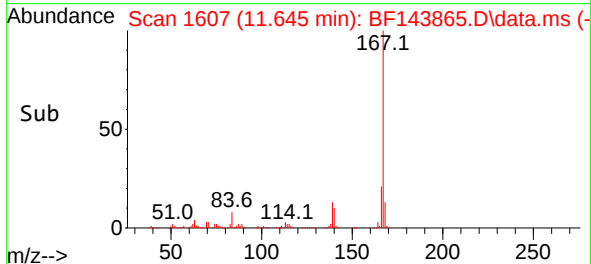
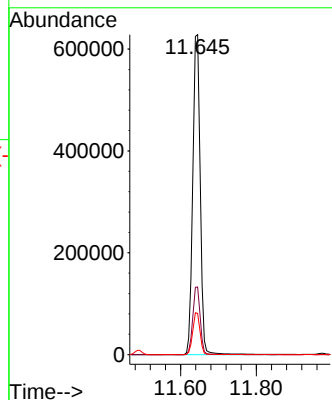
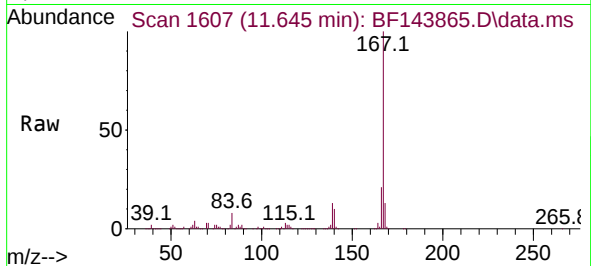




#73  
Carbazole  
Concen: 43.559 ng  
RT: 11.645 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

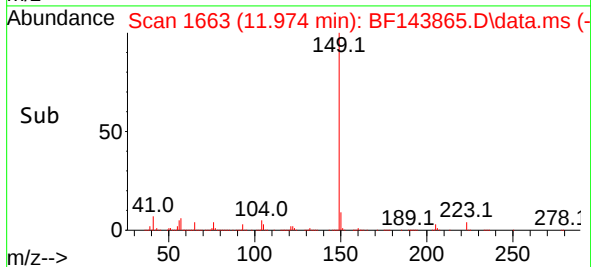
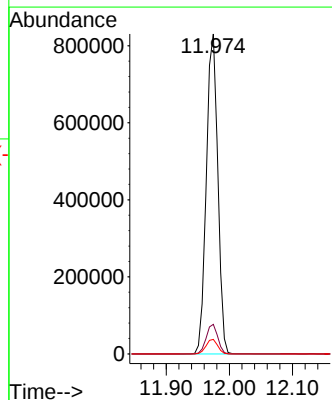
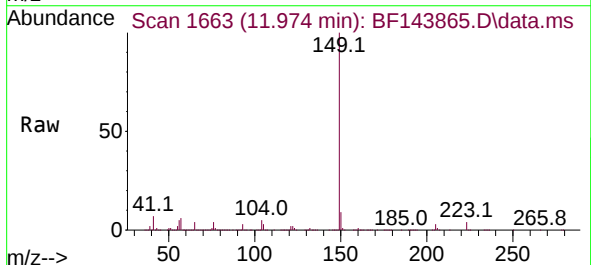
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

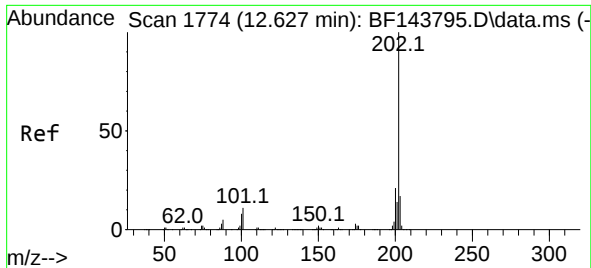
Tgt Ion:167 Resp: 856354  
Ion Ratio Lower Upper  
167 100  
166 21.1 17.0 25.4  
139 12.9 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 46.185 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 1044247  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.3 10.9  
104 4.5 3.6 5.4

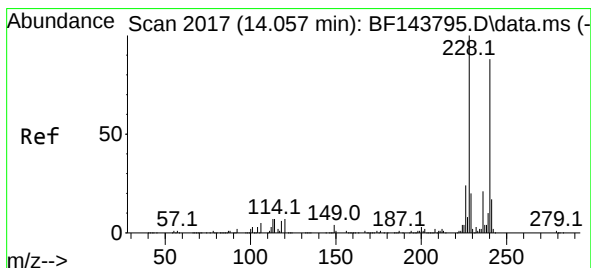
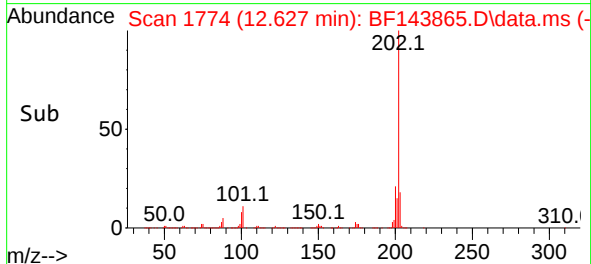
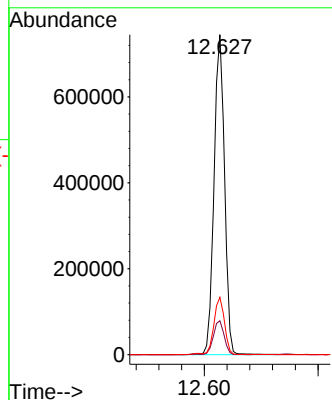
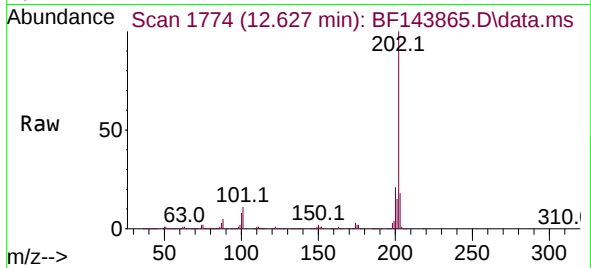




#75  
Fluoranthene  
Concen: 42.523 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

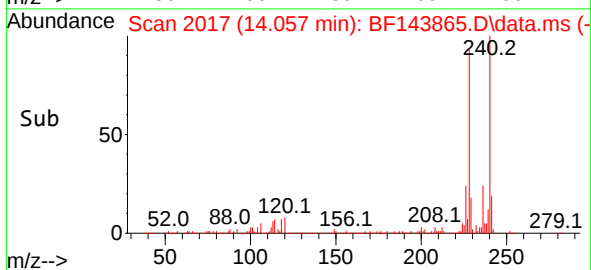
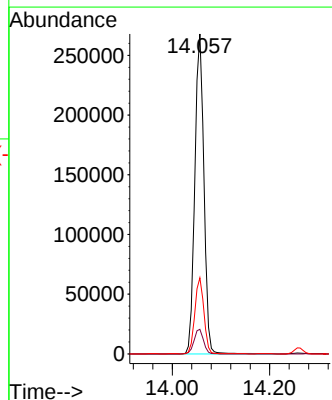
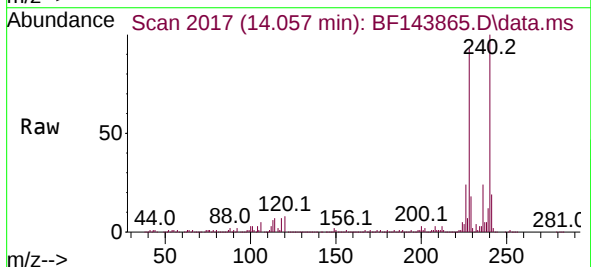
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

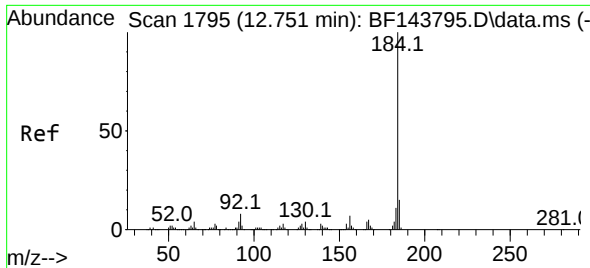
Tgt Ion:202 Resp: 958716  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.1  
203 17.9 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:240 Resp: 345011  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.2 9.4  
236 23.8 19.4 29.2

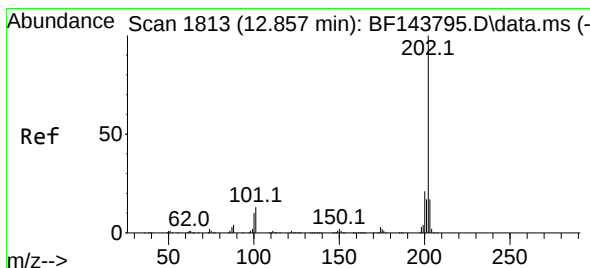
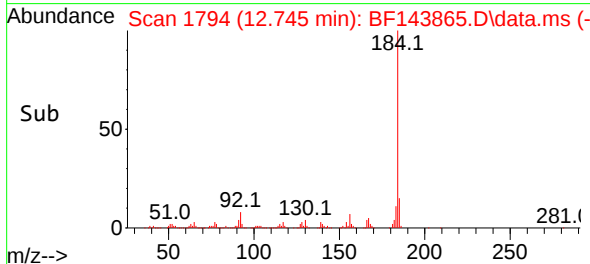
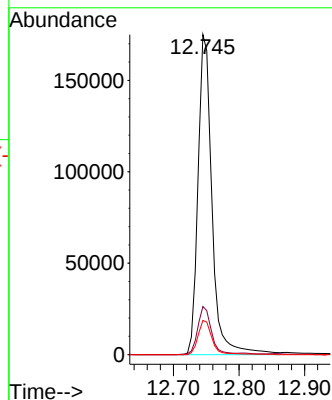
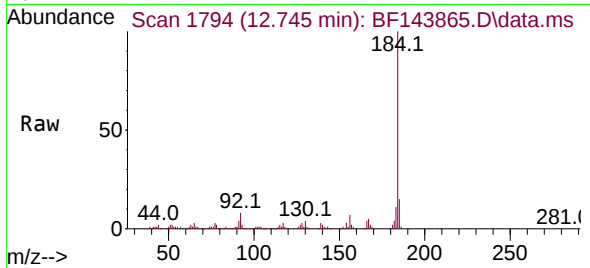




#77  
Benzidine  
Concen: 30.781 ng  
RT: 12.745 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

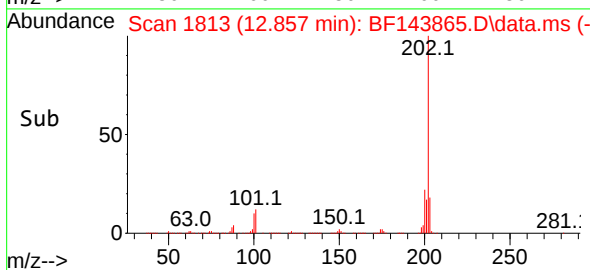
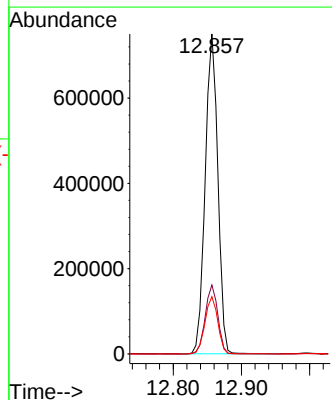
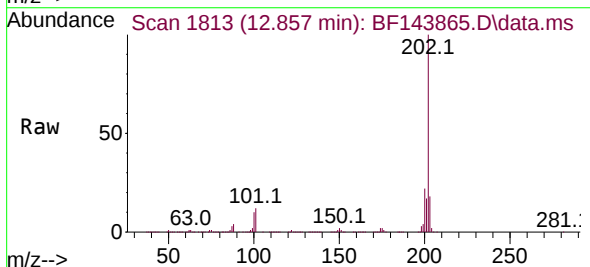
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

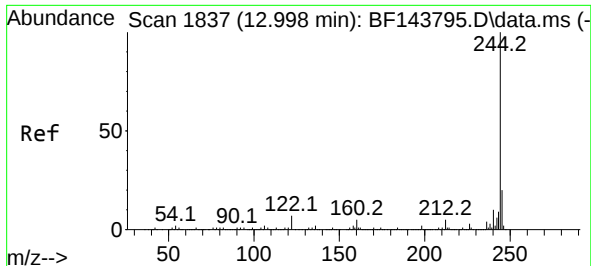
Tgt Ion:184 Resp: 258779  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.6 17.4  
183 10.7 8.6 13.0



#78  
Pyrene  
Concen: 56.984 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:202 Resp: 966574  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.4  
203 17.9 13.9 20.9

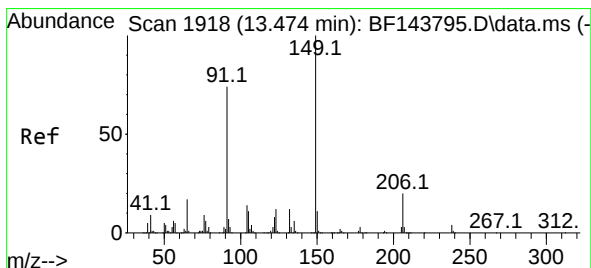
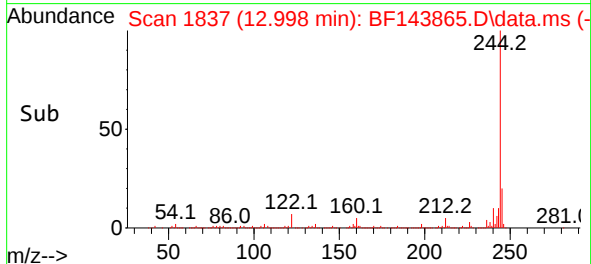
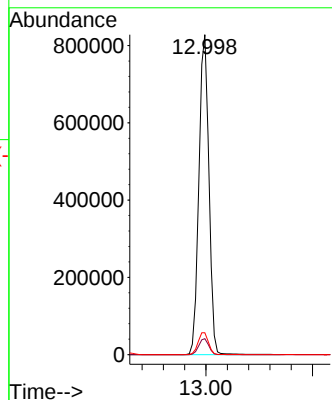
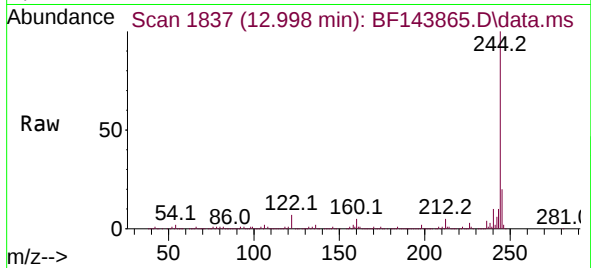




#79  
 Terphenyl-d14  
 Concen: 63.446 ng  
 RT: 12.998 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

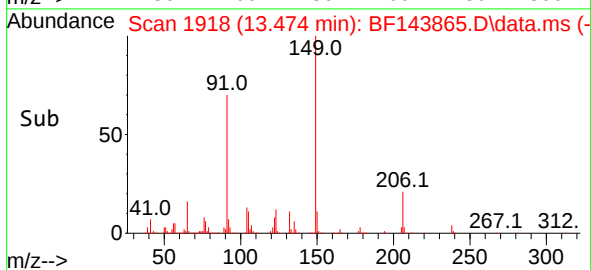
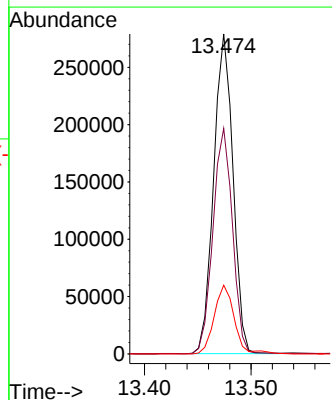
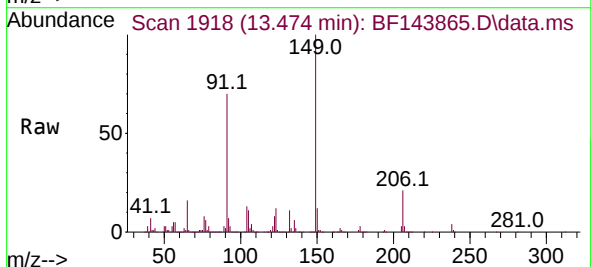
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-3-6FTMSD

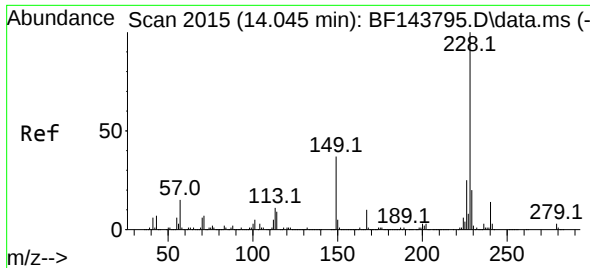
Tgt Ion:244 Resp: 1076320  
 Ion Ratio Lower Upper  
 244 100  
 212 5.0 3.9 5.9  
 122 6.9 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 60.090 ng  
 RT: 13.474 min Scan# 1918  
 Delta R.T. -0.006 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 352636  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 59.5 89.3  
 206 21.5 16.1 24.1

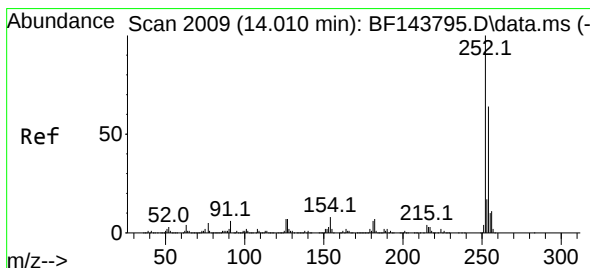
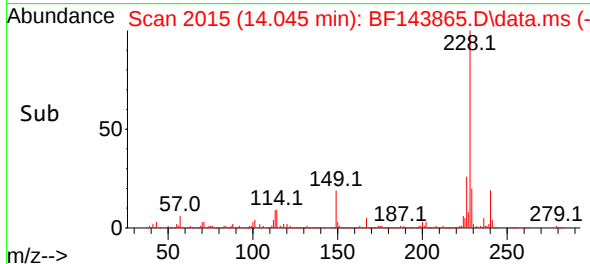
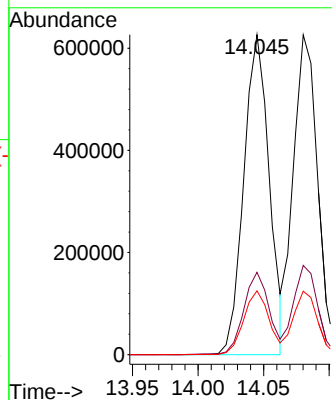
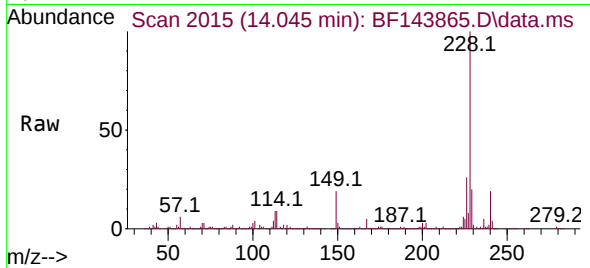




#81  
Benzo(a)anthracene  
Concen: 45.607 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

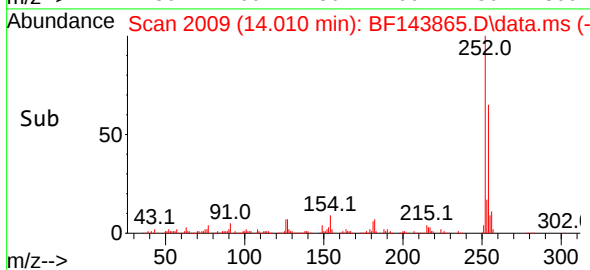
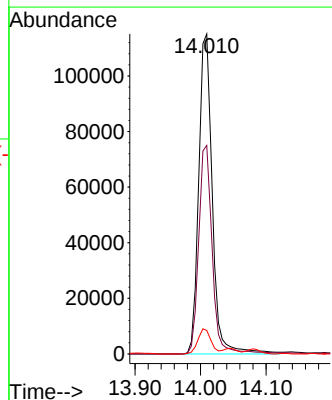
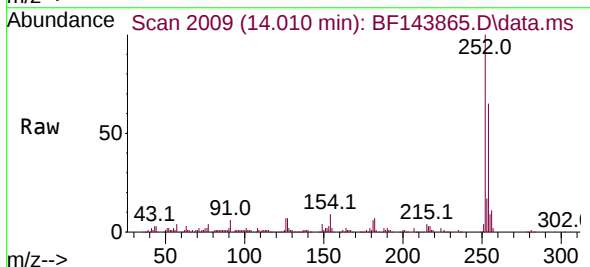
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

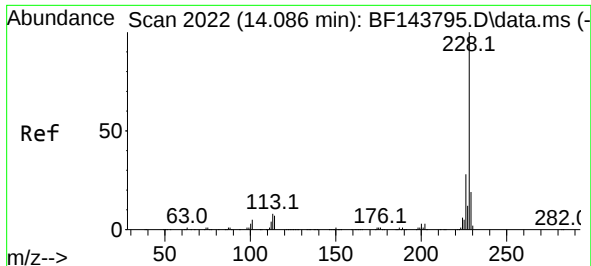
Tgt Ion:228 Resp: 845318  
Ion Ratio Lower Upper  
228 100  
226 25.7 20.2 30.2  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 20.522 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:252 Resp: 164787  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.5 77.3  
126 7.3 5.4 8.2

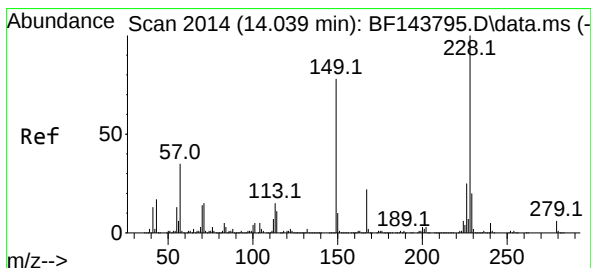
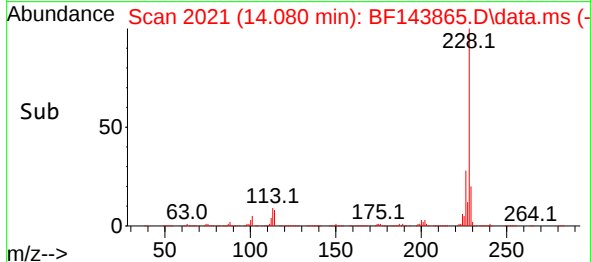
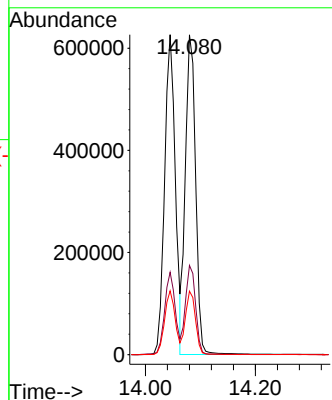
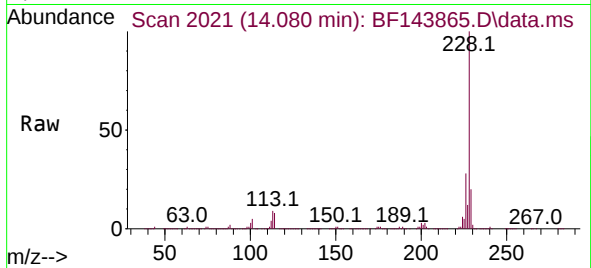




#83  
Chrysene  
Concen: 48.293 ng  
RT: 14.080 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

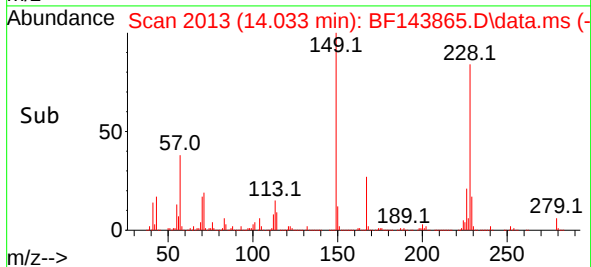
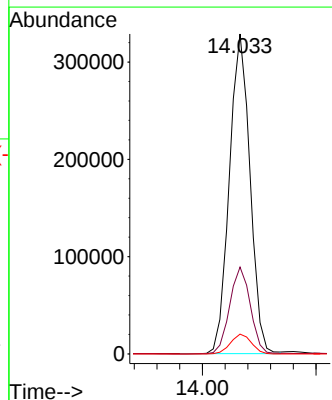
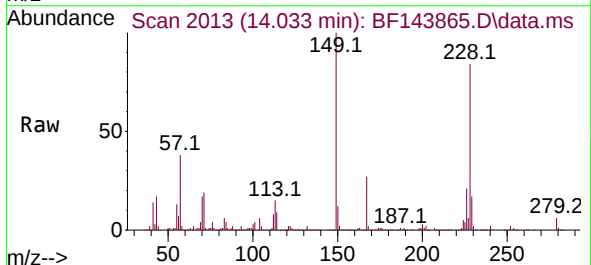
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

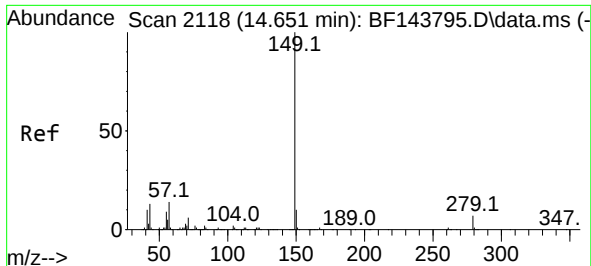
Tgt Ion:228 Resp: 809937  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.6 33.8  
229 19.9 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.188 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 414506  
Ion Ratio Lower Upper  
149 100  
167 27.1 22.2 33.2  
279 6.2 6.0 9.0

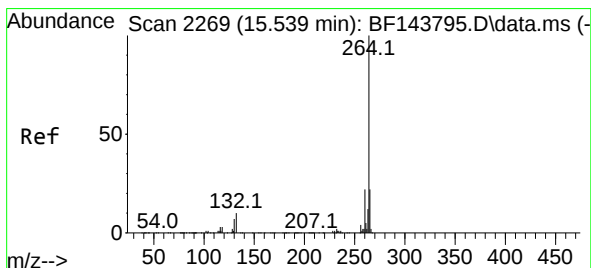
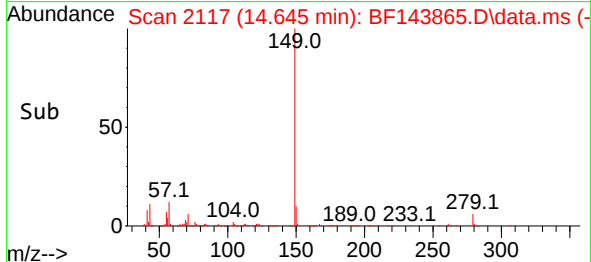
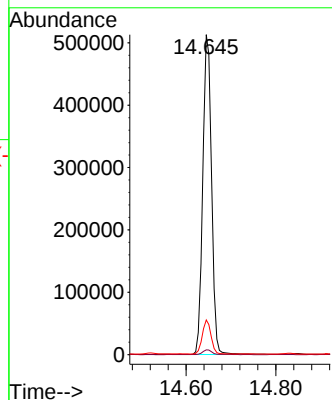
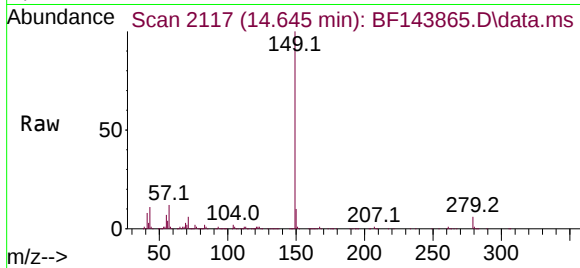




#85  
Di-n-octyl phthalate  
Concen: 44.561 ng  
RT: 14.645 min Scan# 2118  
Delta R.T. -0.012 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

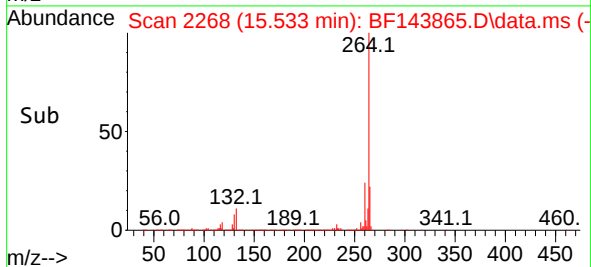
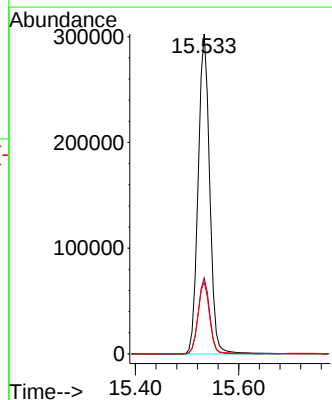
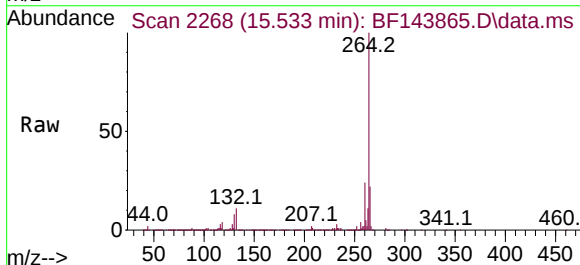
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

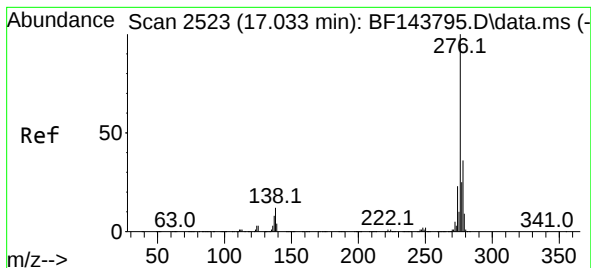
Tgt Ion:149 Resp: 695292  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.1 1.7  
43 10.4 10.7 16.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:264 Resp: 467433  
Ion Ratio Lower Upper  
264 100  
260 23.7 17.9 26.9  
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.863 ng

RT: 17.033 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA\_F

ClientSampleId :

ENV-3-6FTMSD

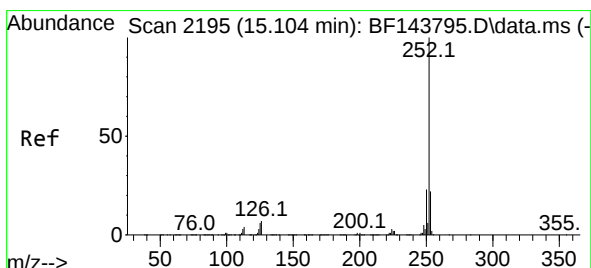
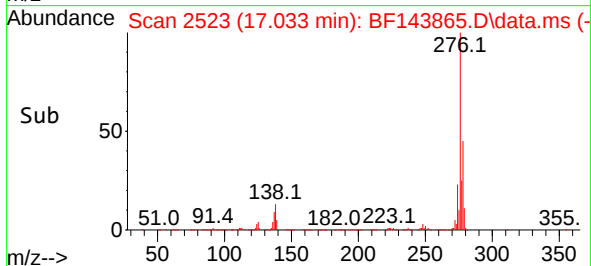
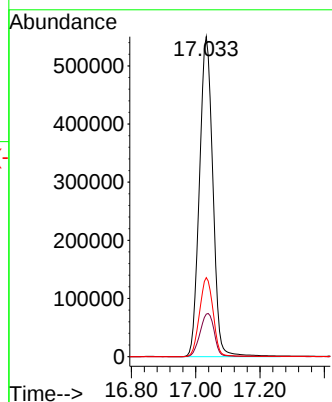
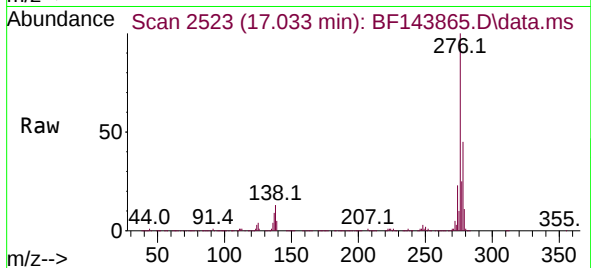
Tgt Ion:276 Resp: 1591120

Ion Ratio Lower Upper

276 100

138 14.4 10.6 15.8

277 25.2 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 48.632 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

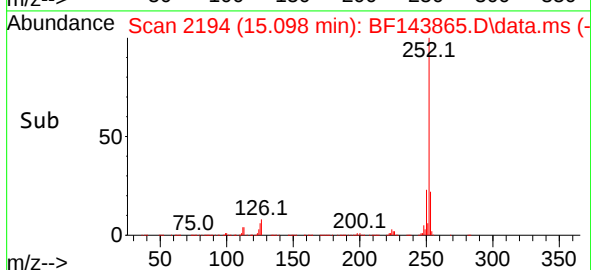
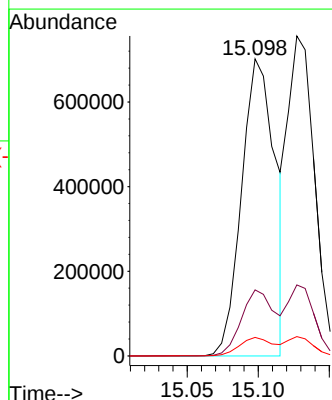
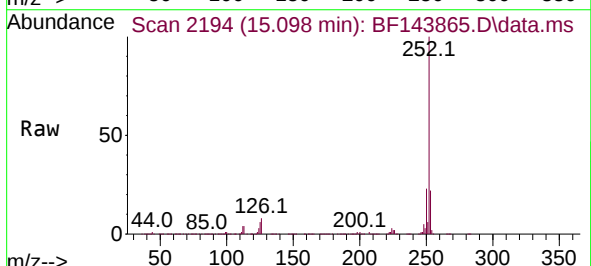
Tgt Ion:252 Resp: 1157629

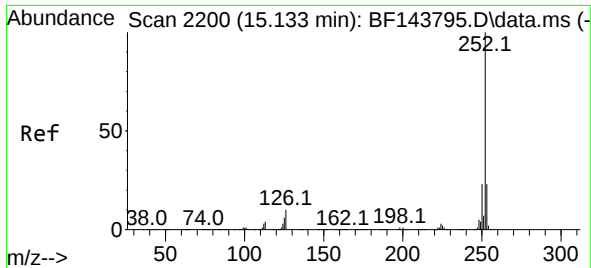
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.2 4.4 6.6

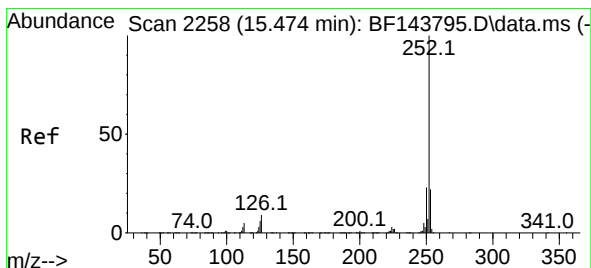
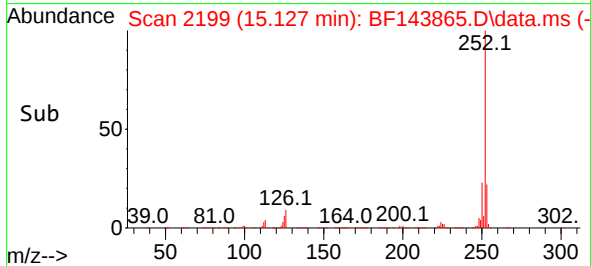
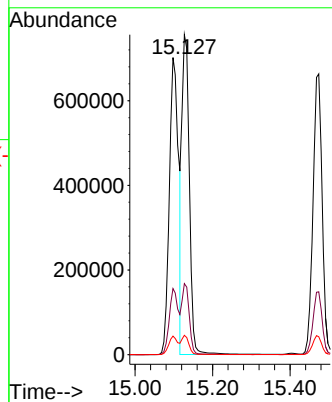
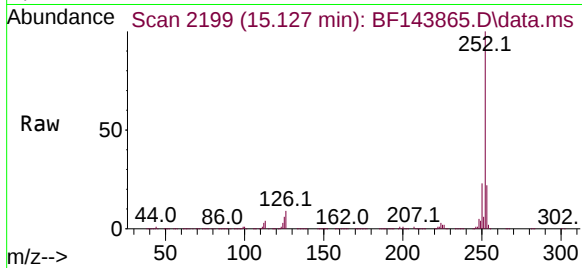




#89  
Benzo(k)fluoranthene  
Concen: 42.225 ng  
RT: 15.127 min Scan# 2199  
Delta R.T. -0.012 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

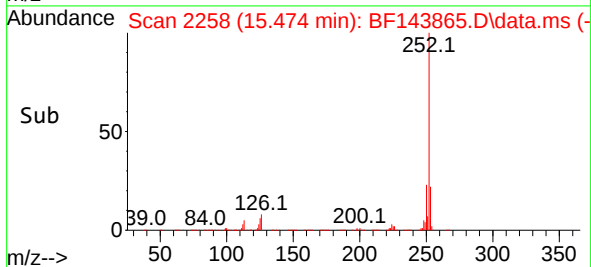
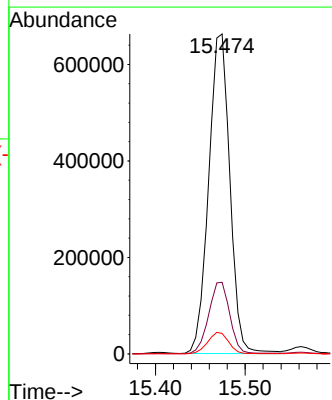
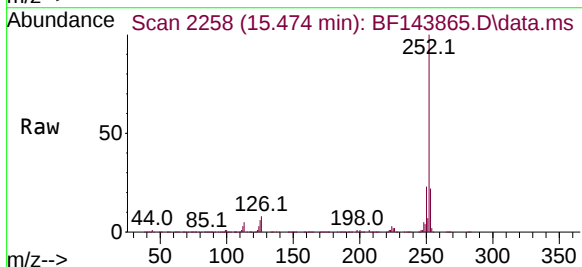
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BNA\_F  
ClientSampleId :  
ENV-3-6FTMSD

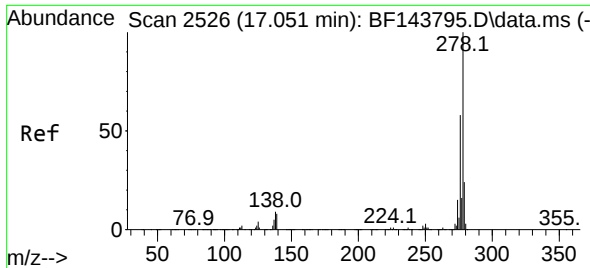
Tgt Ion:252 Resp: 1009802  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 6.0 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 48.614 ng  
RT: 15.474 min Scan# 2258  
Delta R.T. -0.006 min  
Lab File: BF143865.D  
Acq: 02 Oct 2025 20:07

Tgt Ion:252 Resp: 1087757  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 6.4 5.0 7.4

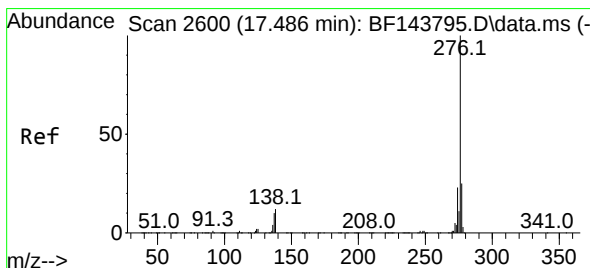
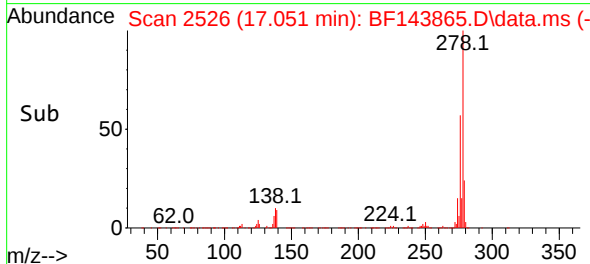
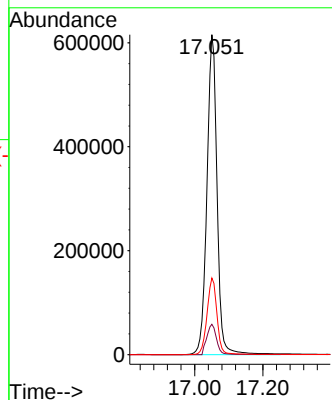
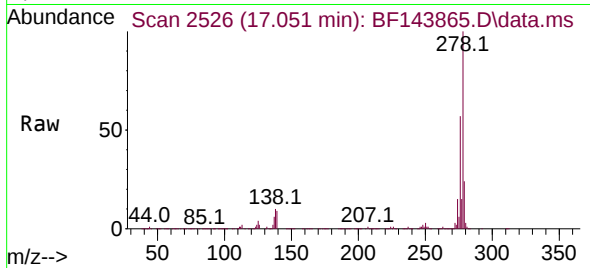




#91  
 Dibenzo(a,h)anthracene  
 Concen: 43.854 ng  
 RT: 17.051 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-3-6FTMSD

Tgt Ion:278 Resp: 1272126  
 Ion Ratio Lower Upper  
 278 100  
 139 9.5 6.7 10.1  
 279 23.9 19.3 28.9



#92  
 Benzo(g,h,i)perylene  
 Concen: 46.529 ng  
 RT: 17.486 min Scan# 2600  
 Delta R.T. -0.018 min  
 Lab File: BF143865.D  
 Acq: 02 Oct 2025 20:07

Tgt Ion:276 Resp: 1301075  
 Ion Ratio Lower Upper  
 276 100  
 277 24.5 19.6 29.4  
 138 13.1 9.2 13.8

