

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010225\  
 Data File : BF141061.D  
 Acq On : 02 Jan 2025 11:18  
 Operator : RC/JU  
 Sample : PB165900BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165900BS

Quant Time: Jan 02 11:41:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 241034   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 965765   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 516622   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 852160   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 517397   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 476264   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 2088477  | 130.609 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.457  | 99   | 2672408  | 129.735 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.393  | 82   | 1699975  | 112.616 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 818499   | 163.046 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.187  | 172  | 2946535  | 90.870  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 3268214  | 104.919 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.658  | 88   | 282517   | 39.025  | ng    | 98       |
| 3) Pyridine                   | 3.399  | 79   | 761852   | 43.062  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 415149   | 46.313  | ng    | 100      |
| 6) Aniline                    | 6.487  | 93   | 924267   | 50.310  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 849534   | 50.391  | ng    | 97       |
| 9) Benzaldehyde               | 6.375  | 77   | 149597   | 8.296   | ng    | 98       |
| 10) Phenol                    | 6.469  | 94   | 1046328  | 49.124  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 799839   | 46.507  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 866143   | 46.553  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 872781   | 46.534  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 835904   | 47.800  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 727530   | 49.149  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 1225933  | 47.135  | ng    | 98       |
| 17) 2-Methylphenol            | 7.075  | 107  | 683052   | 48.769  | ng    | 99       |
| 18) Hexachloroethane          | 7.340  | 117  | 320807   | 48.149  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 583782   | 46.260  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 827325   | 46.678  | ng    | # 81     |
| 22) Acetophenone              | 7.240  | 105  | 1086794  | 45.872  | ng    | 99       |
| 24) Nitrobenzene              | 7.410  | 77   | 876960   | 51.991  | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 1591436  | 48.448  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.728  | 139  | 435976   | 61.407  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 689120   | 57.403  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 967090   | 46.468  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 690210   | 50.693  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 709742   | 46.056  | ng    | 100      |
| 31) Naphthalene               | 8.134  | 128  | 2352428  | 46.226  | ng    | 100      |
| 32) Benzoic acid              | 7.881  | 122  | 554945   | 54.862  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 432448   | 23.489  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 429763   | 47.305  | ng    | 100      |
| 35) Caprolactam               | 8.545  | 113  | 142916   | 30.876  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 735765   | 48.659  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1549694  | 47.601  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1440884  | 45.034  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.987  | 216  | 685932   | 48.261  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 857767   | 182.116 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 498519   | 52.701  | ng    | 99       |

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 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

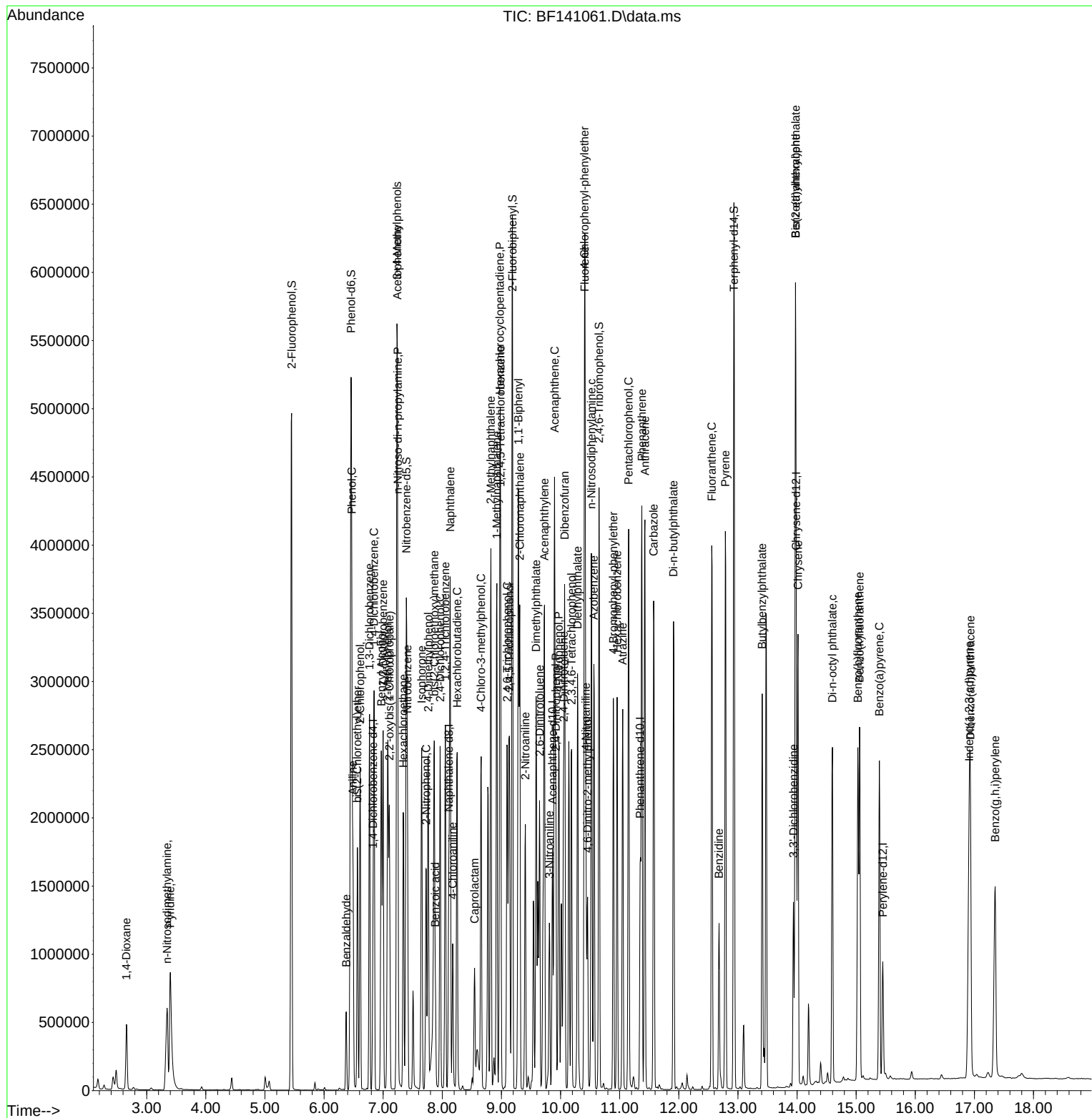
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.134  | 196  | 499445   | 51.602  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.287  | 154  | 1872062  | 47.325  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1431407  | 46.657  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.404  | 65   | 456843   | 56.058  | ng    | 93       |
| 49) Acenaphthylene            | 9.728  | 152  | 2203204  | 49.886  | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 1679720  | 49.430  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 382958   | 54.708  | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 1616218  | 54.131  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 270074   | 36.663  | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 406820   | 119.785 | ng    | # 1      |
| 55) Dibenzofuran              | 10.069 | 168  | 1995100  | 47.548  | ng    | 100      |
| 56) 4-Nitrophenol             | 9.969  | 139  | 652924   | 112.325 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 513048   | 59.327  | ng    | 95       |
| 58) Fluorene                  | 10.410 | 166  | 1518931  | 46.682  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 442569   | 55.211  | ng    | 97       |
| 60) Diethylphthalate          | 10.286 | 149  | 1619099  | 48.262  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 745307   | 47.604  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.428 | 138  | 396354   | 52.319  | ng    | 95       |
| 63) Azobenzene                | 10.563 | 77   | 1655933  | 47.027  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 274979   | 74.522  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 1394838  | 51.980  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 493242   | 53.543  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 537913   | 52.956  | ng    | 99       |
| 69) Atrazine                  | 11.051 | 200  | 482020   | 64.298  | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 684788   | 108.280 | ng    | 99       |
| 71) Phenanthrene              | 11.375 | 178  | 2287846  | 51.011  | ng    | 99       |
| 72) Anthracene                | 11.428 | 178  | 2342793  | 53.309  | ng    | 100      |
| 73) Carbazole                 | 11.575 | 167  | 2065212  | 48.884  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 2449485  | 50.975  | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 2324104  | 47.779  | ng    | 100      |
| 77) Benzidine                 | 12.680 | 184  | 656948   | 60.079  | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 2356198  | 52.070  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 887997   | 53.742  | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1766105  | 48.977  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 404250   | 37.313  | ng    | 99       |
| 83) Chrysene                  | 14.016 | 228  | 1559594  | 47.978  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 1064227  | 49.653  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1632251  | 52.617  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.910 | 276  | 1761171  | 58.695  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1606879  | 48.376  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 1323825  | 50.850  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 1403743  | 54.447  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 1413944  | 58.132  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 1358718  | 53.859  | ng    | 98       |

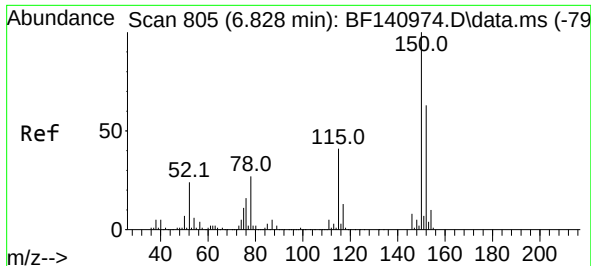
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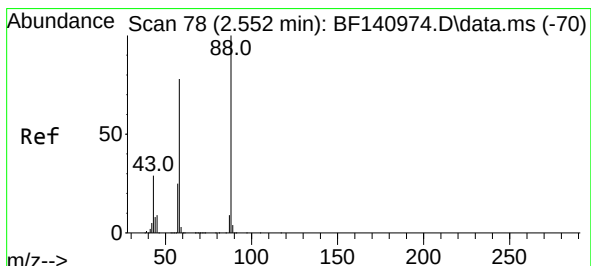
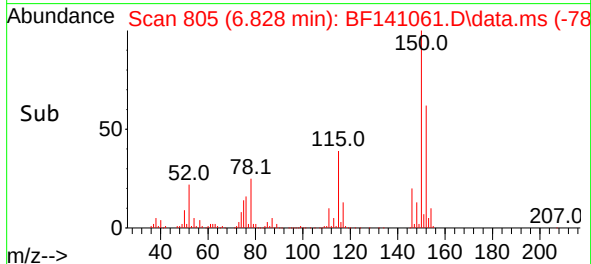
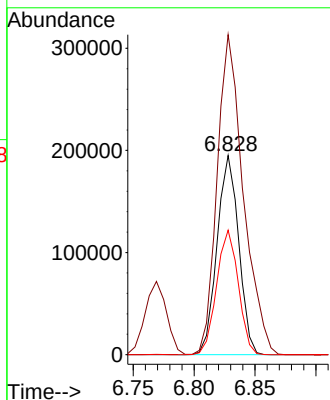
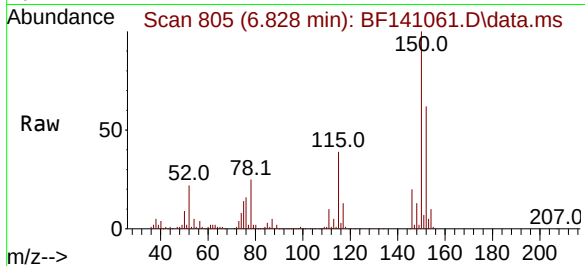




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

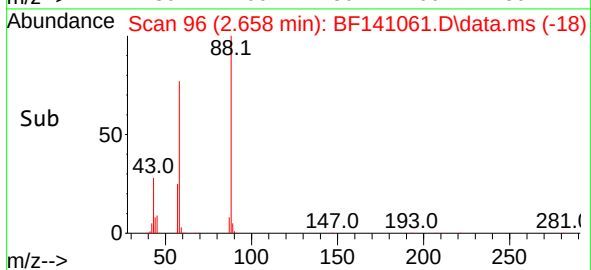
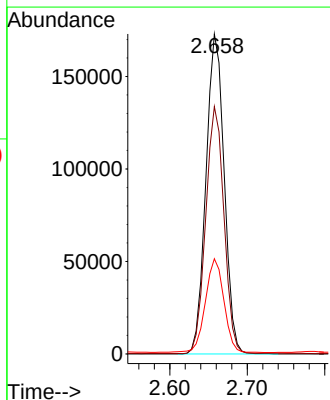
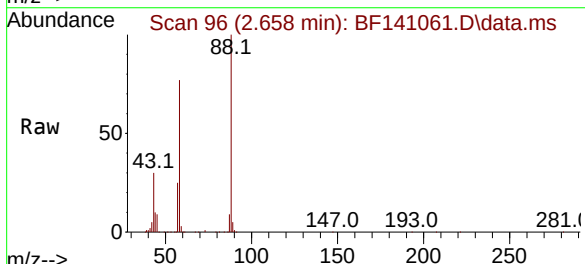
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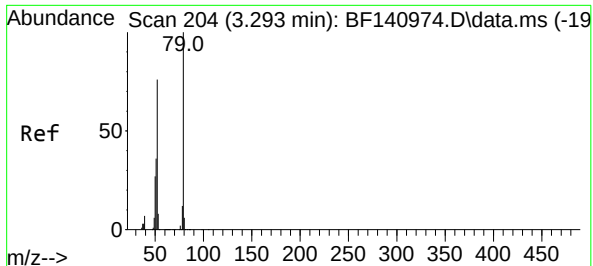
Tgt Ion:152 Resp: 241034  
 Ion Ratio Lower Upper  
 152 100  
 150 160.6 127.0 190.6  
 115 62.5 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 39.025 ng  
 RT: 2.658 min Scan# 96  
 Delta R.T. 0.106 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

Tgt Ion: 88 Resp: 282517  
 Ion Ratio Lower Upper  
 88 100  
 58 77.0 63.0 94.4  
 43 30.0 23.4 35.2

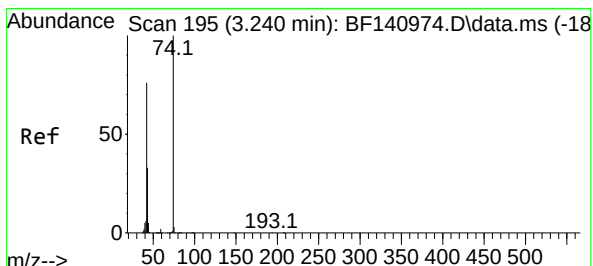
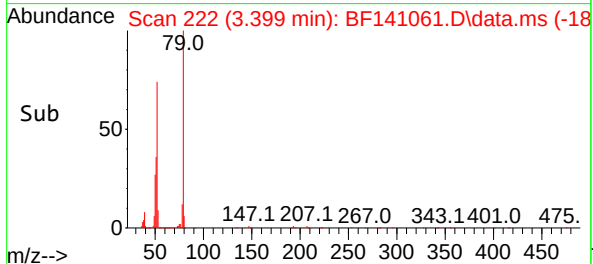
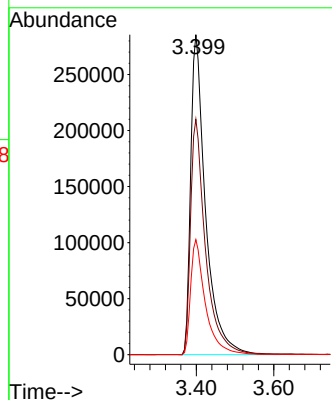
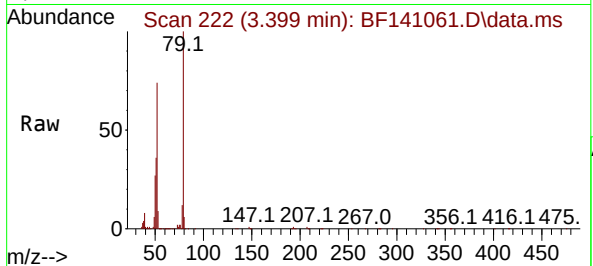




#3  
Pyridine  
Concen: 43.062 ng  
RT: 3.399 min Scan# 213  
Delta R.T. 0.106 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

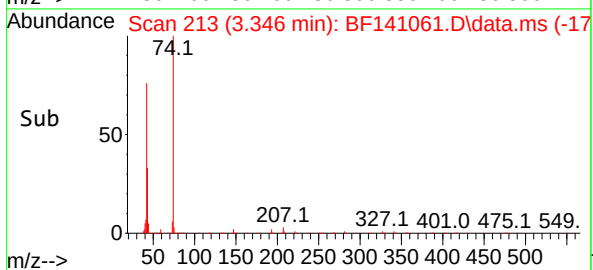
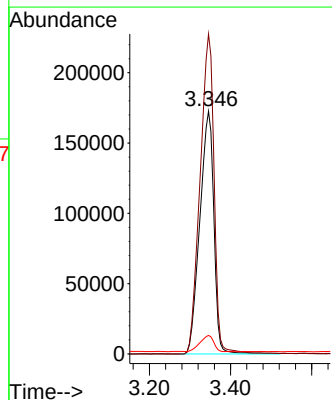
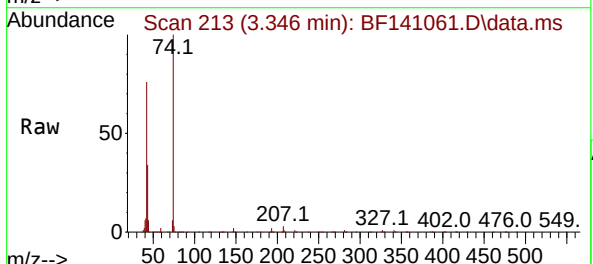
Instrument :  
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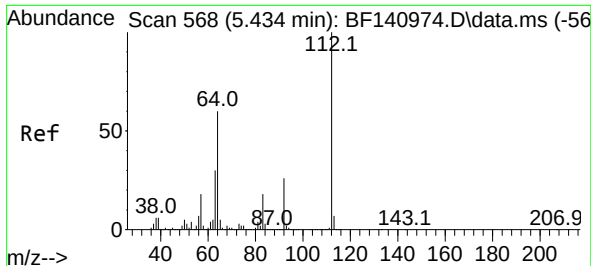
Tgt Ion: 79 Resp: 761852  
Ion Ratio Lower Upper  
79 100  
52 73.6 60.4 90.6  
51 35.9 28.8 43.2



#4  
n-Nitrosodimethylamine  
Concen: 46.313 ng  
RT: 3.346 min Scan# 213  
Delta R.T. 0.106 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 42 Resp: 415149  
Ion Ratio Lower Upper  
42 100  
74 131.9 105.8 158.6  
44 7.6 6.6 10.0

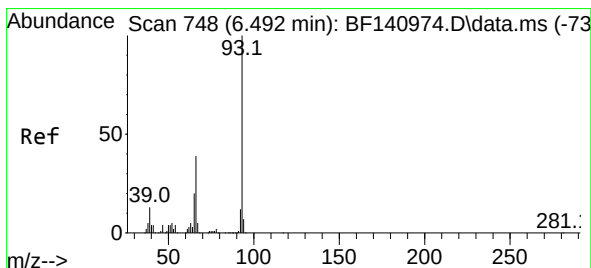
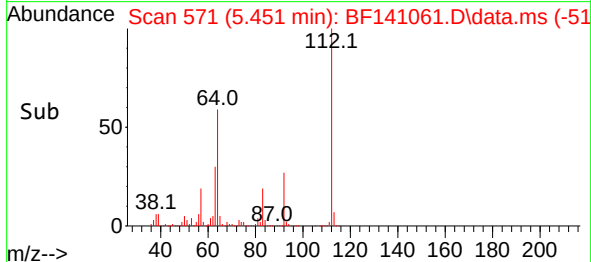
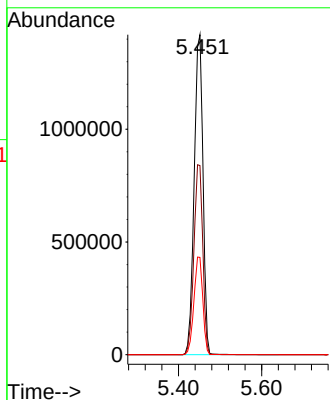
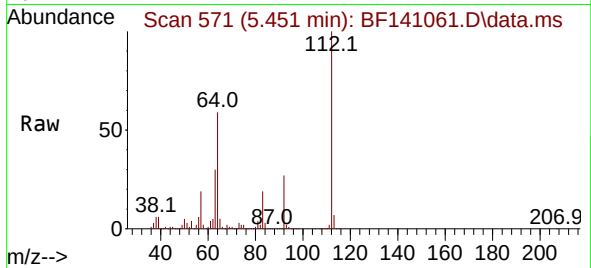




#5  
2-Fluorophenol  
Concen: 130.609 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF141061.D  
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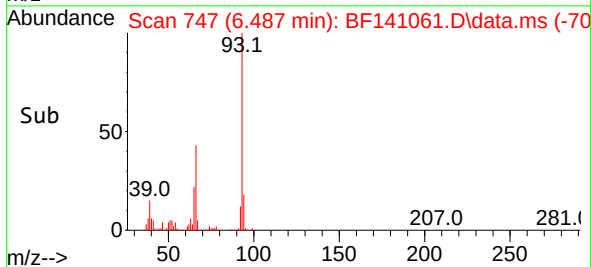
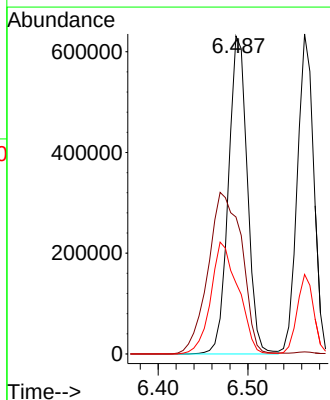
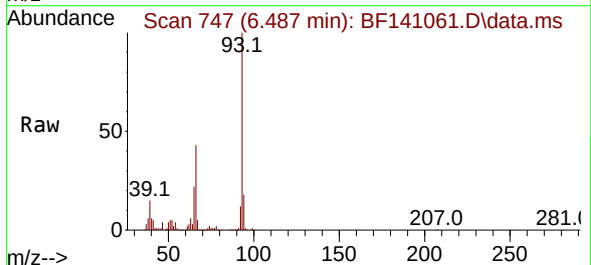
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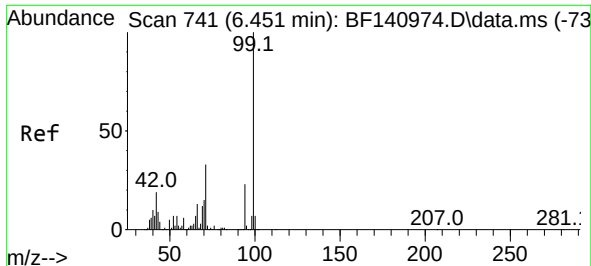
Tgt Ion:112 Resp: 2088477  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.7 71.5  
63 30.4 24.2 36.2



#6  
Aniline  
Concen: 50.310 ng  
RT: 6.487 min Scan# 747  
Delta R.T. -0.023 min  
Lab File: BF141061.D  
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Tgt Ion: 93 Resp: 924267  
Ion Ratio Lower Upper  
93 100  
66 43.1 31.8 47.8  
65 22.4 15.4 23.0

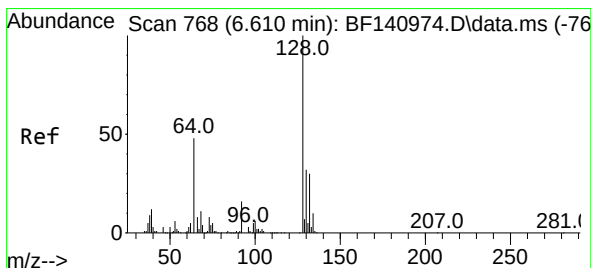
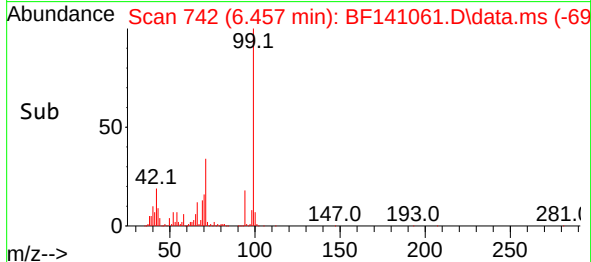
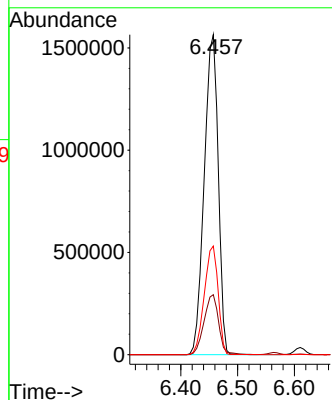
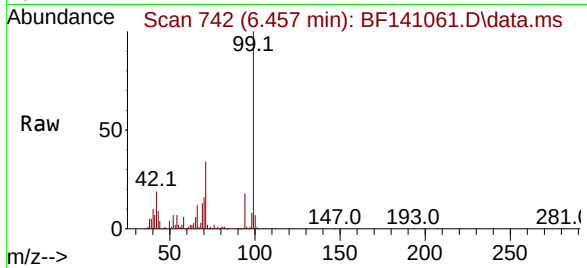




#7  
Phenol-d6  
Concen: 129.735 ng  
RT: 6.457 min Scan# 741  
Delta R.T. 0.006 min  
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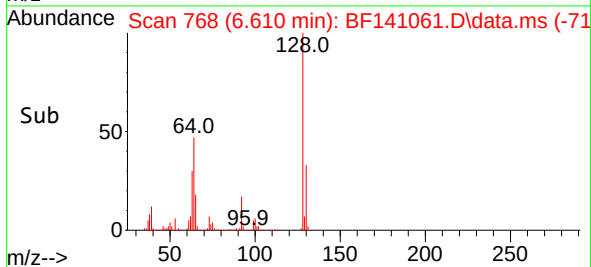
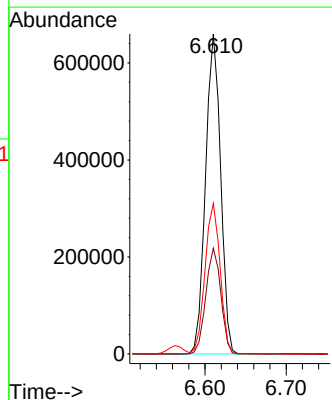
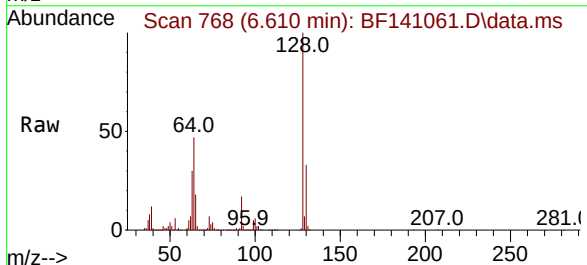
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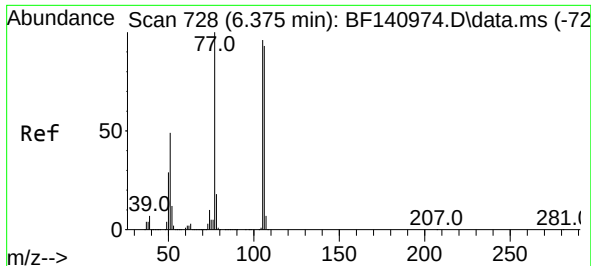
Tgt Ion: 99 Resp: 2672408  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.0 22.4  
71 33.9 26.2 39.2



#8  
2-Chlorophenol  
Concen: 50.391 ng  
RT: 6.610 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 128 Resp: 849534  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.2 52.2  
64 47.1 30.3 70.3

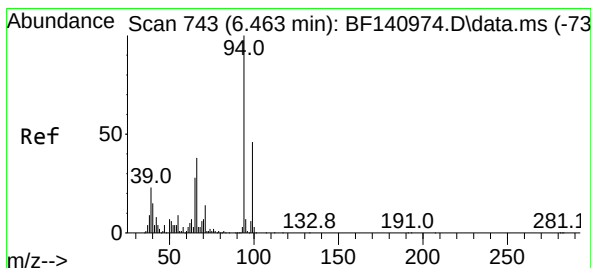
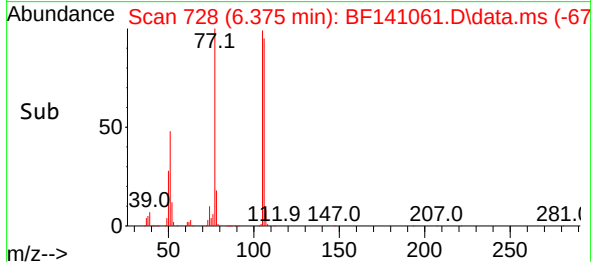
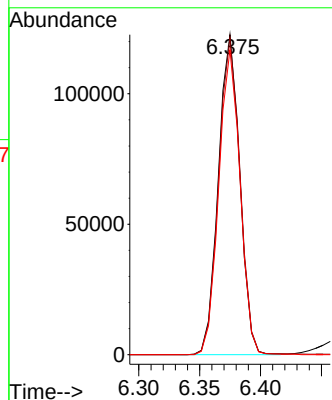
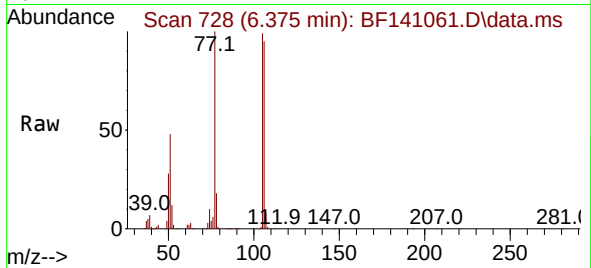




#9  
Benzaldehyde  
Concen: 8.296 ng  
RT: 6.375 min Scan# 728  
Delta R.T. -0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

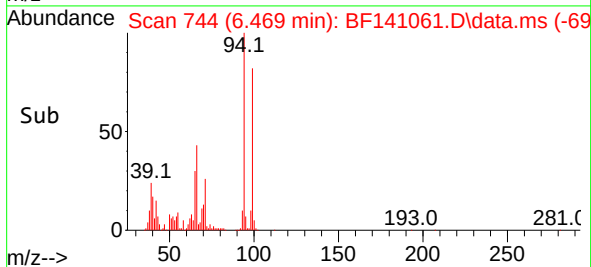
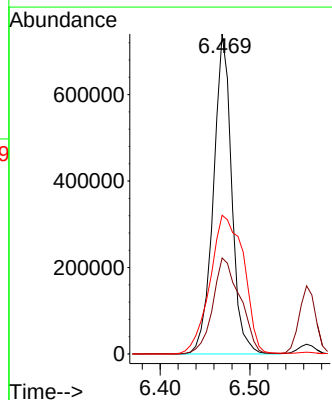
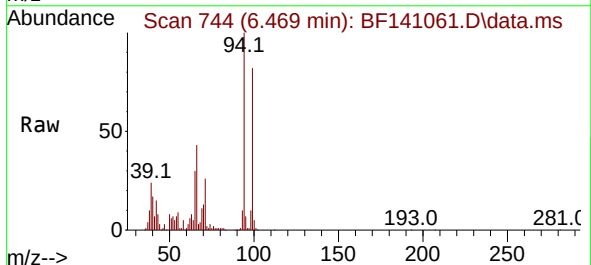
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion: 77 Resp: 149597  
Ion Ratio Lower Upper  
77 100  
105 99.1 76.2 116.2  
106 95.2 73.4 113.4

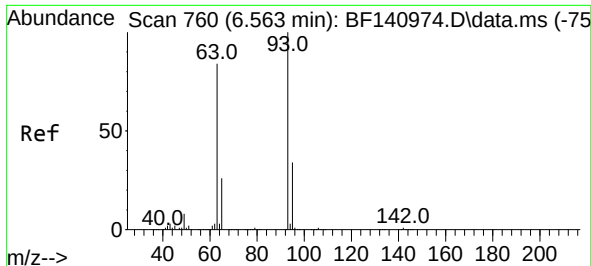


#10  
Phenol  
Concen: 49.124 ng  
RT: 6.469 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 94 Resp: 1046328  
Ion Ratio Lower Upper  
94 100  
65 30.0 8.1 48.1  
66 43.3 18.7 58.7



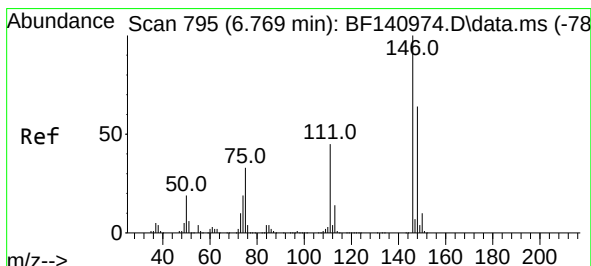
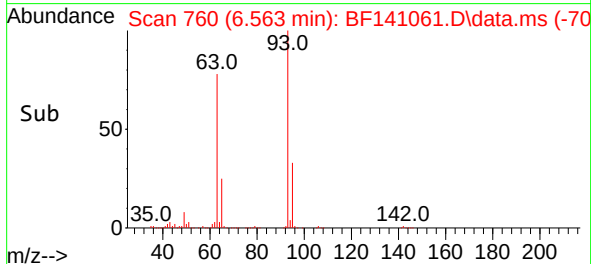
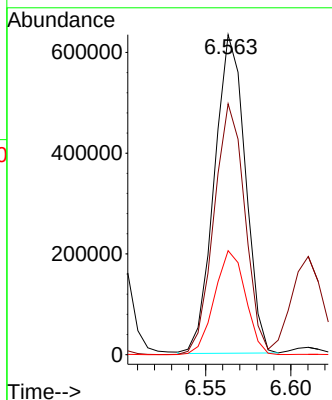
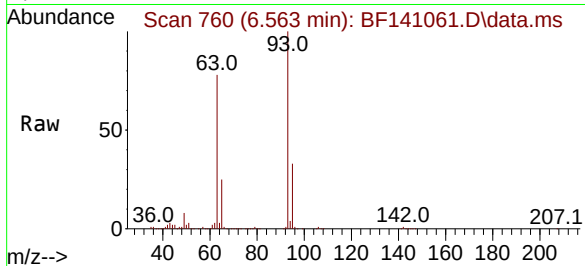




#11  
bis(2-Chloroethyl)ether  
Concen: 46.507 ng  
RT: 6.563 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

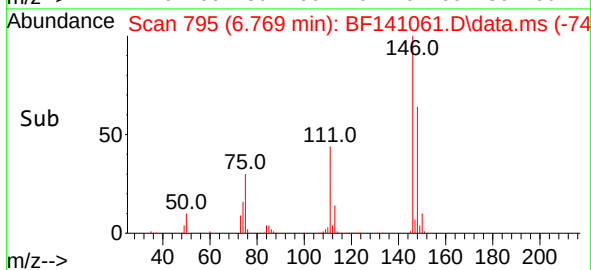
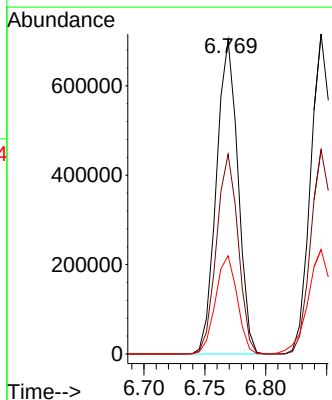
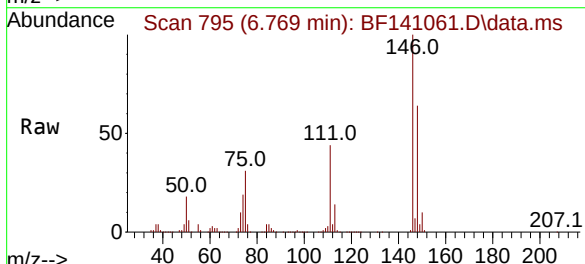
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

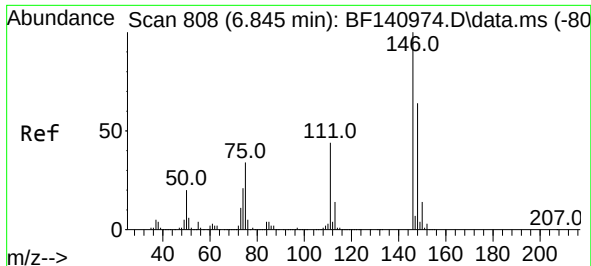
Tgt Ion: 93 Resp: 799839  
Ion Ratio Lower Upper  
93 100  
63 78.4 60.3 100.3  
95 32.5 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 46.553 ng  
RT: 6.769 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:146 Resp: 866143  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.0 76.4  
75 31.3 26.1 39.1

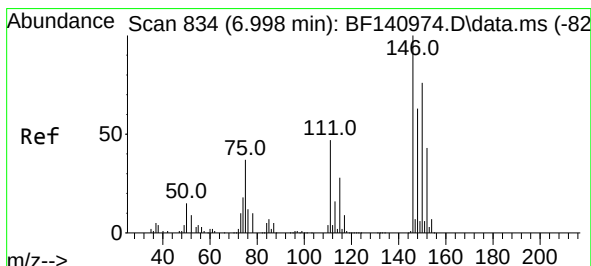
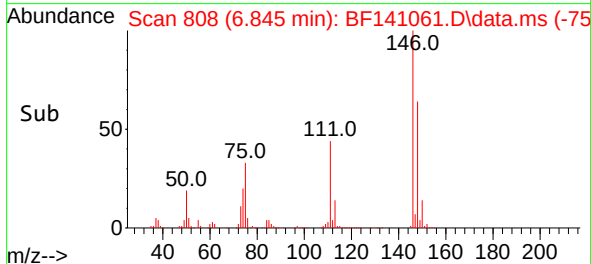
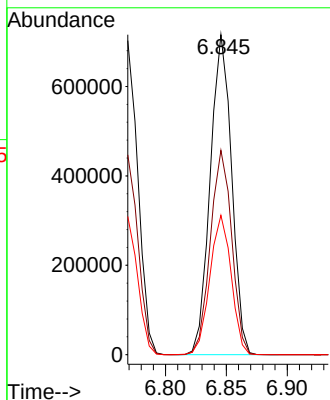
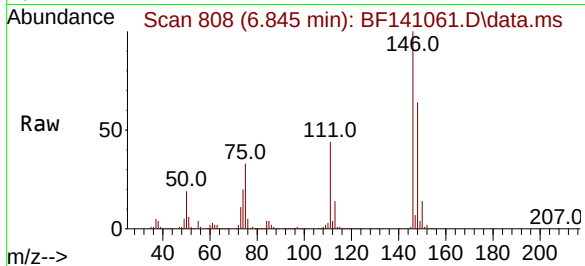




#13  
1,4-Dichlorobenzene  
Concen: 46.534 ng  
RT: 6.845 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

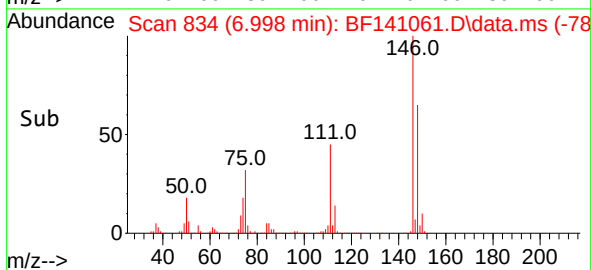
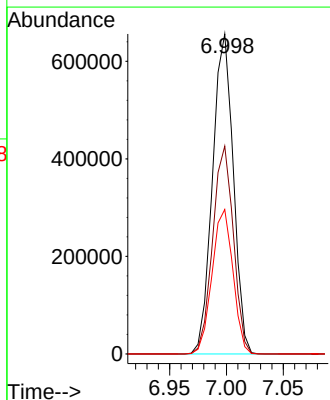
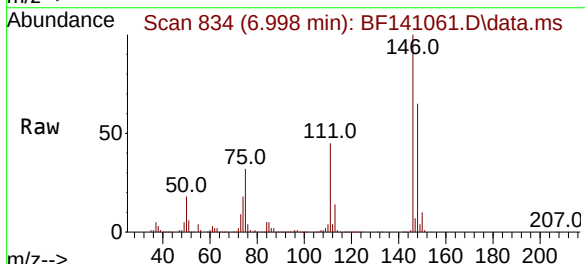
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

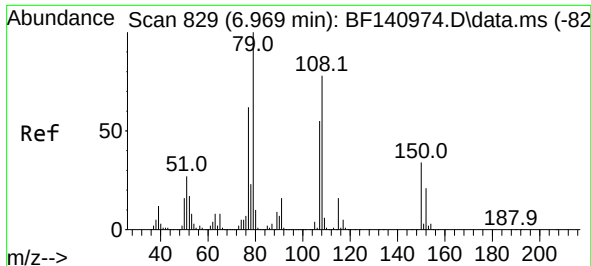
Tgt Ion:146 Resp: 872781  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.3 76.9  
111 43.6 35.3 52.9



#14  
1,2-Dichlorobenzene  
Concen: 47.800 ng  
RT: 6.998 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:146 Resp: 835904  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.6 76.0  
111 45.2 37.3 55.9

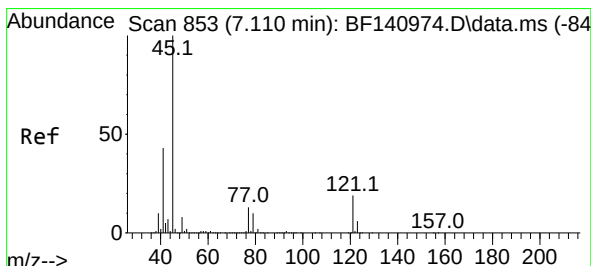
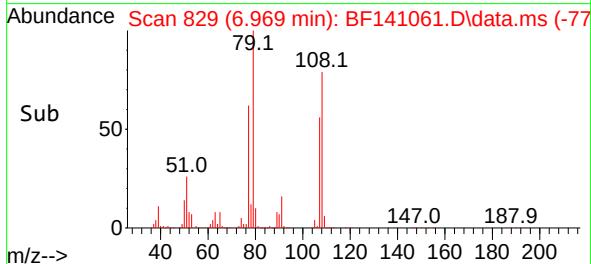
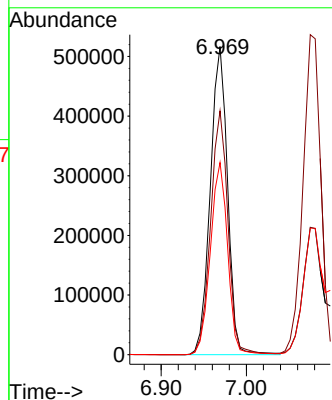
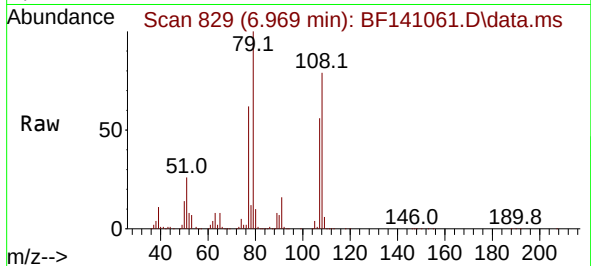




#15  
Benzyl Alcohol  
Concen: 49.149 ng  
RT: 6.969 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

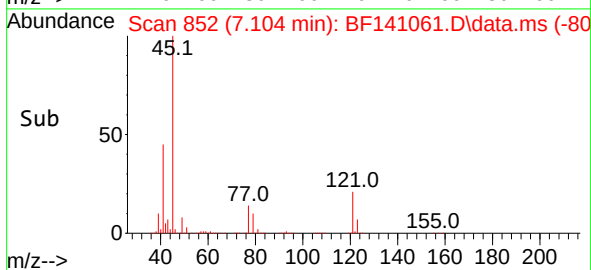
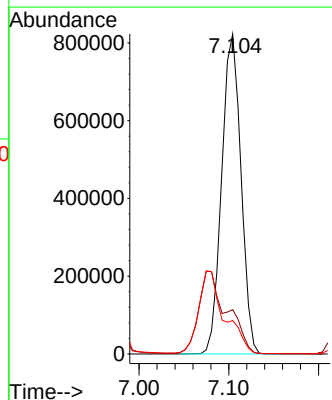
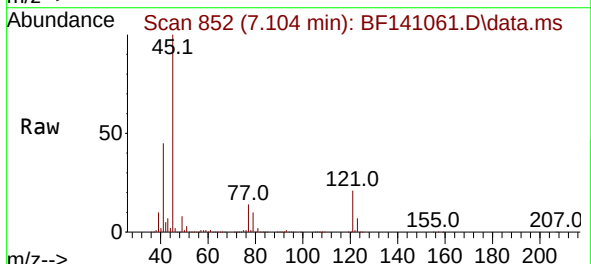
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

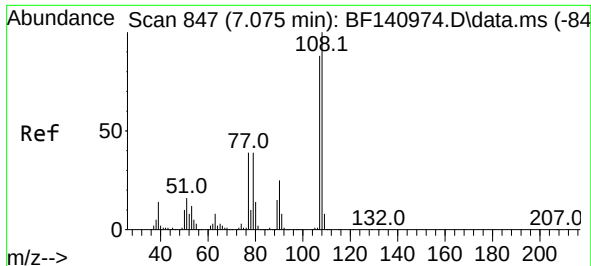
Tgt Ion: 79 Resp: 727530  
Ion Ratio Lower Upper  
79 100  
108 79.1 62.5 93.7  
77 62.4 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.135 ng  
RT: 7.104 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

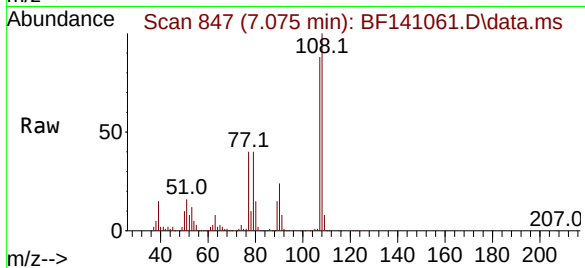
Tgt Ion: 45 Resp: 1225933  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 33.1  
79 10.5 0.0 30.1



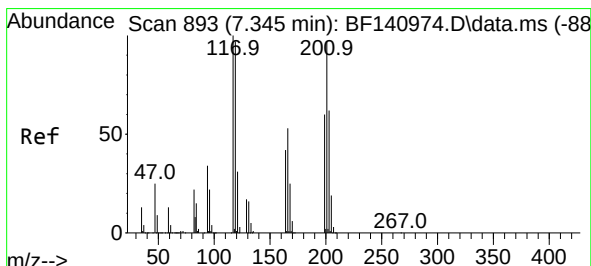
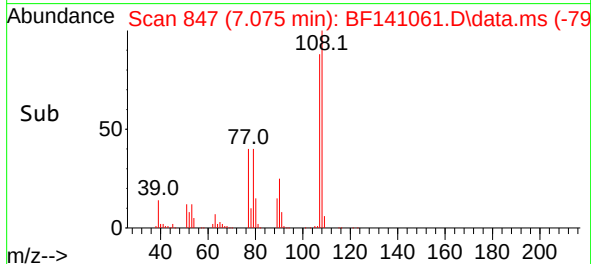
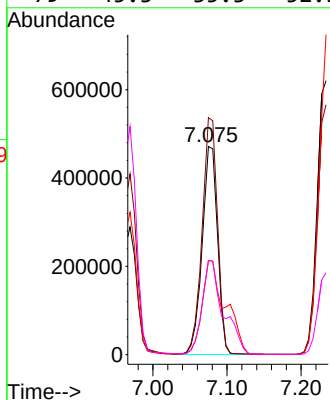


#17  
2-Methylphenol  
Concen: 48.769 ng  
RT: 7.075 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

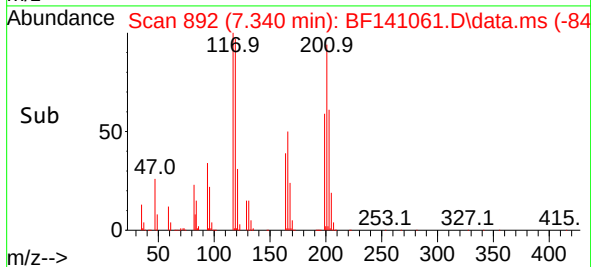
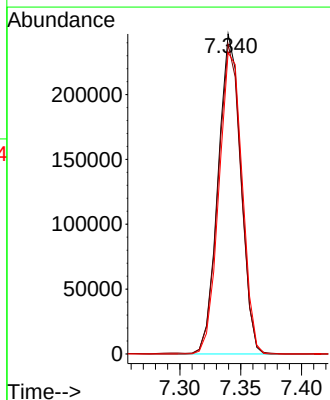
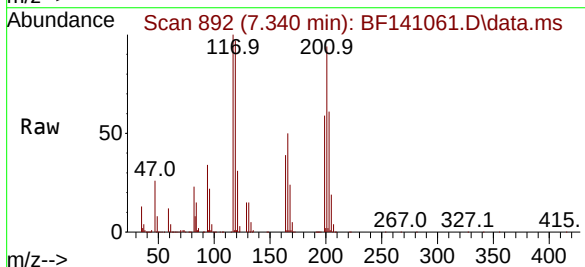


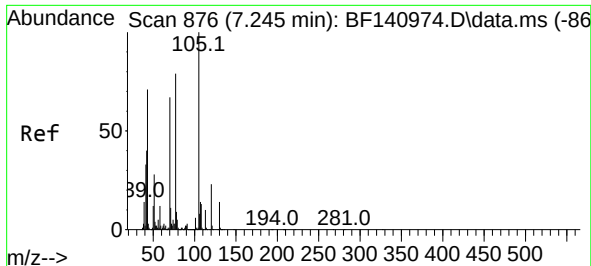
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 683052 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.8 | 90.6  | 136.0  |
| 77       | 45.1  | 35.3  | 52.9   |
| 79       | 45.3  | 35.3  | 52.9   |



#18  
Hexachloroethane  
Concen: 48.149 ng  
RT: 7.340 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 320807 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 77.5  | 116.3  |
| 201      | 94.2  | 77.4  | 116.2  |

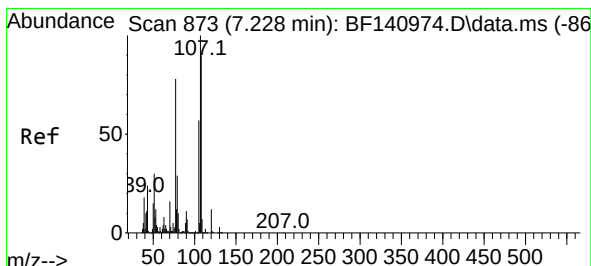
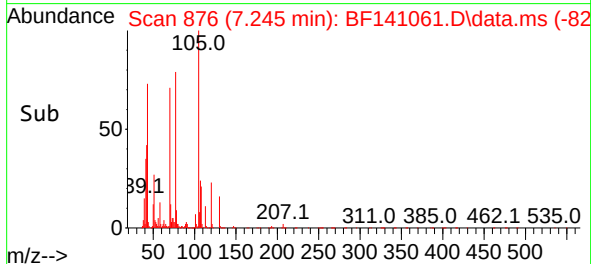
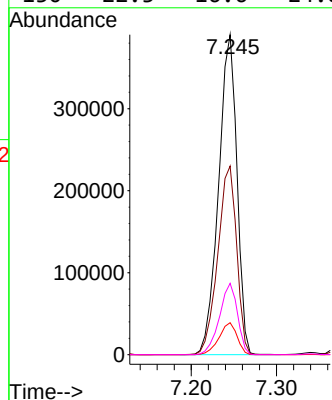
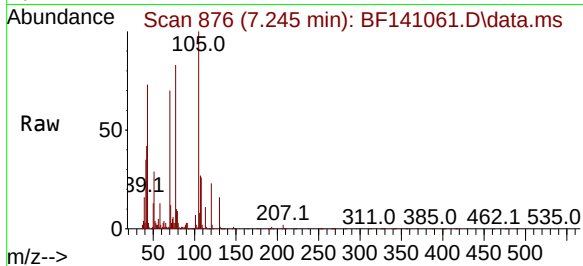




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.260 ng  
RT: 7.245 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

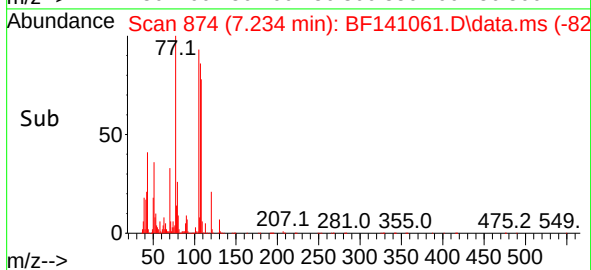
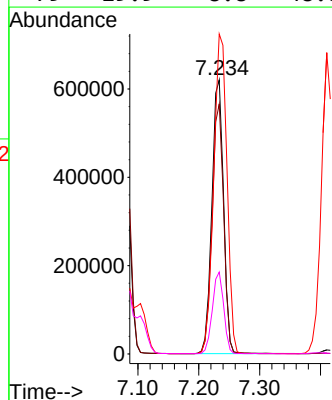
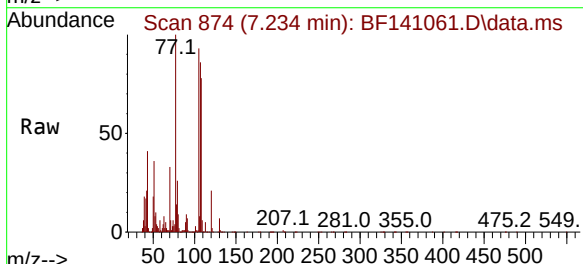
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

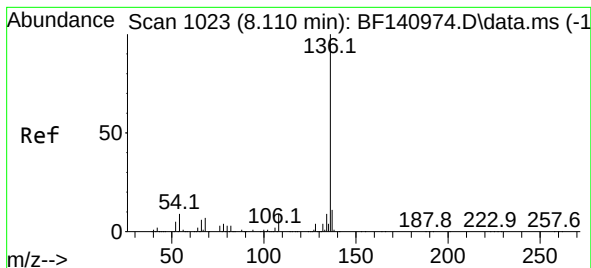
Tgt Ion: 70 Resp: 583782  
Ion Ratio Lower Upper  
70 100  
42 59.0 48.1 72.1  
101 10.0 7.6 11.4  
130 22.3 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 46.678 ng  
RT: 7.234 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 107 Resp: 827325  
Ion Ratio Lower Upper  
107 100  
108 91.2 69.6 109.6  
77 116.8 57.6 97.6#  
79 29.9 8.8 48.8



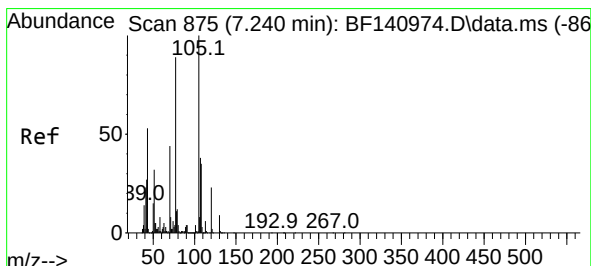
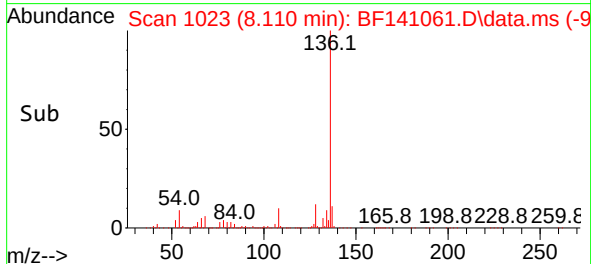
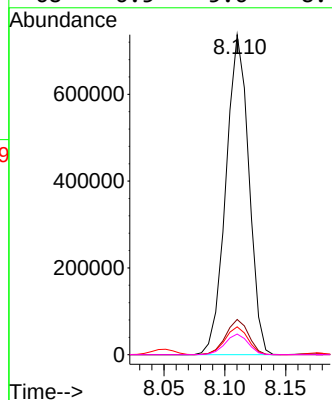
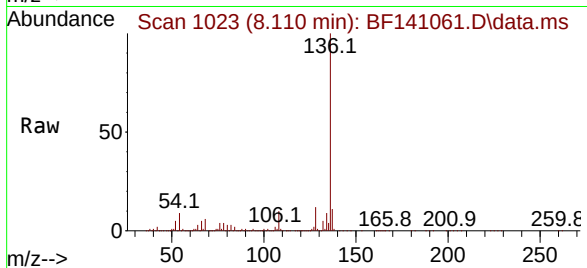


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion:136 Resp: 965765

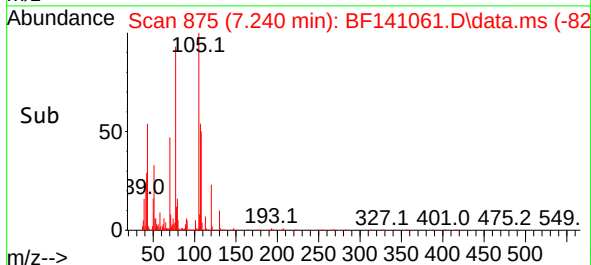
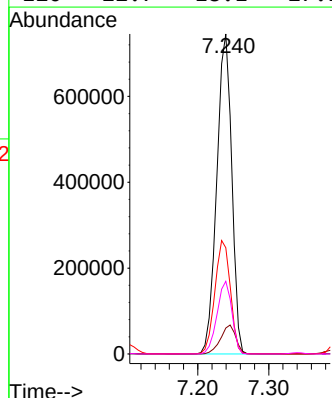
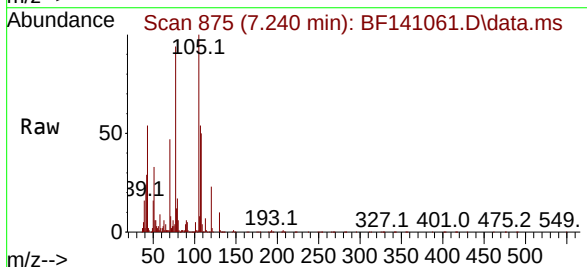
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 8.7   | 7.6   | 11.4  |
| 68  | 6.5   | 5.6   | 8.4   |

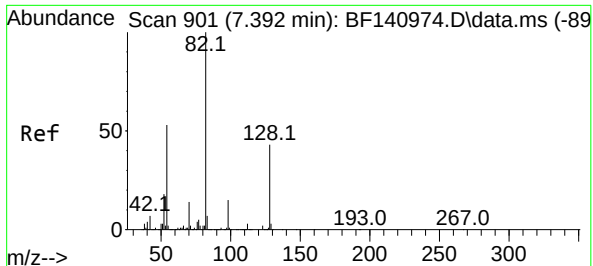


#22  
Acetophenone  
Concen: 45.872 ng  
RT: 7.240 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:105 Resp: 1086794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.1   | 6.1   | 9.1   |
| 51  | 33.2  | 25.8  | 38.6  |
| 120 | 22.7  | 18.1  | 27.1  |





#23

Nitrobenzene-d5

Concen: 112.616 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

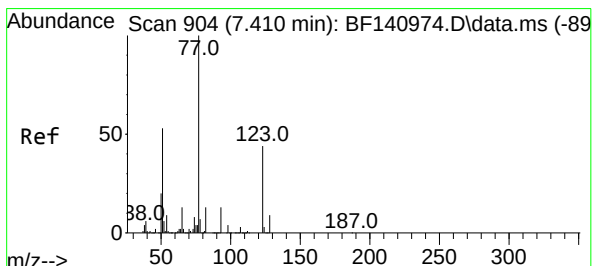
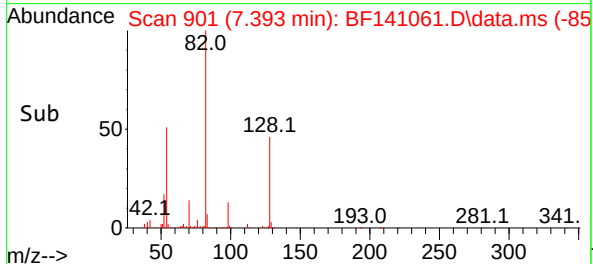
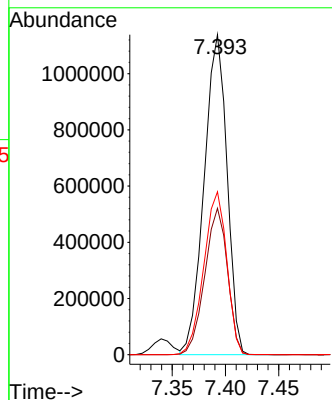
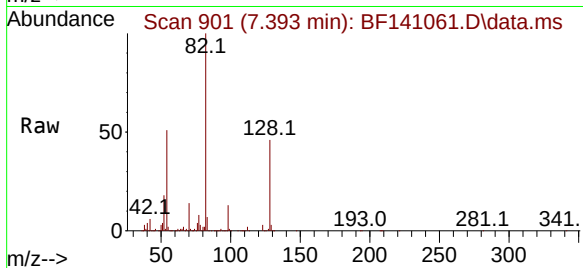
BNA\_F

ClientSampleId :

PB165900BS

Tgt Ion: 82 Resp: 1699975

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.8  | 34.4  | 51.6  |
| 54  | 50.9  | 42.4  | 63.6  |



#24

Nitrobenzene

Concen: 51.991 ng

RT: 7.410 min Scan# 904

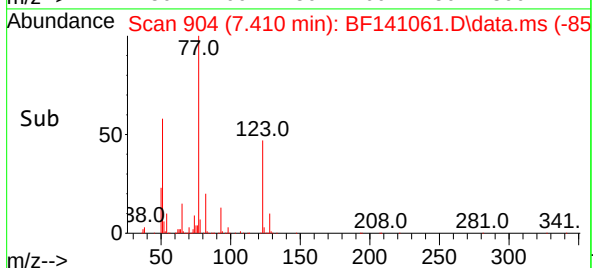
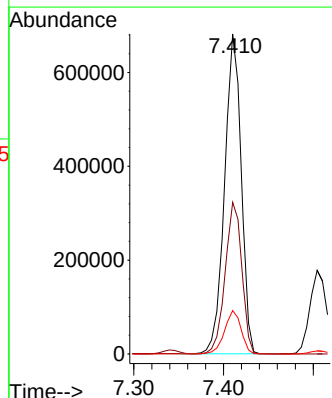
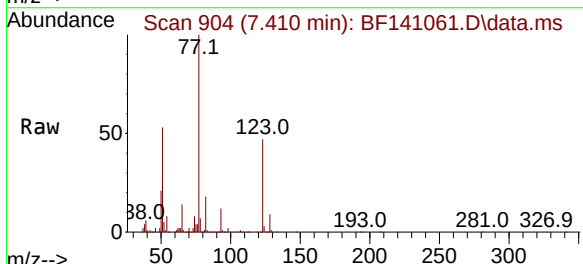
Delta R.T. 0.000 min

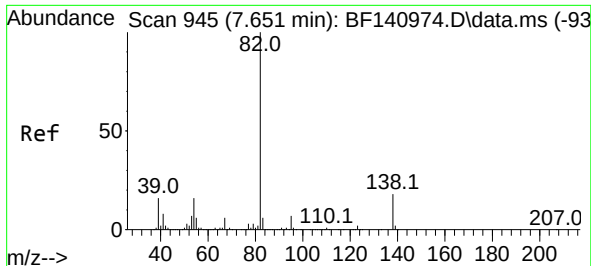
Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Tgt Ion: 77 Resp: 876960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.4  | 35.4  | 53.2  |
| 65  | 13.5  | 10.7  | 16.1  |

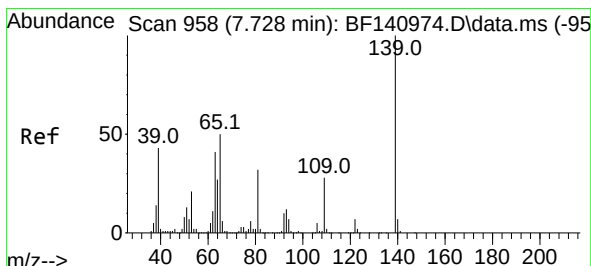
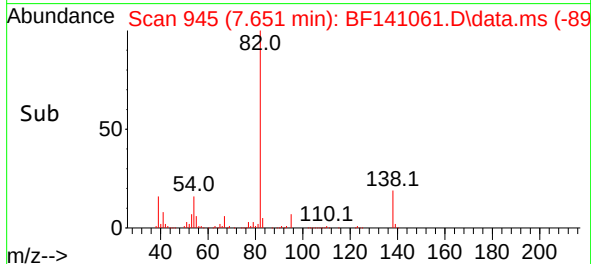
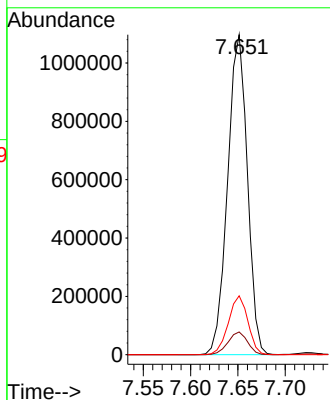
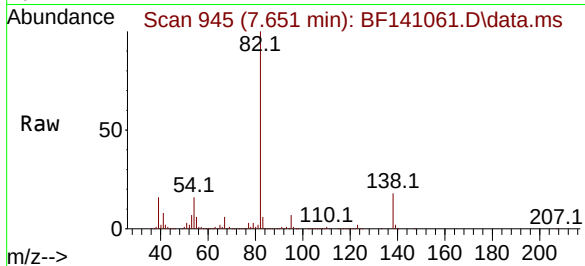




#25  
Isophorone  
Concen: 48.448 ng  
RT: 7.651 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

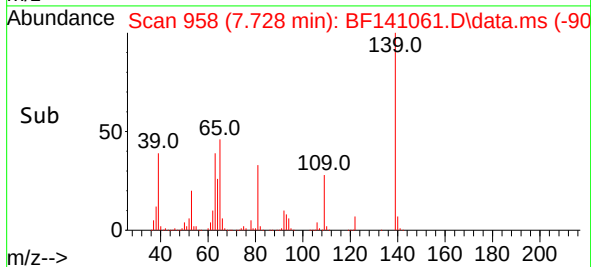
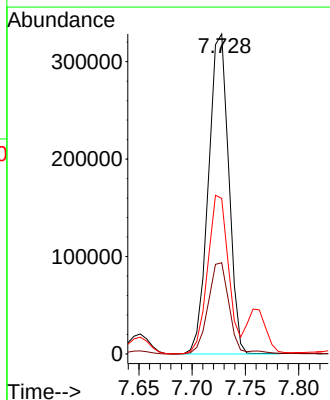
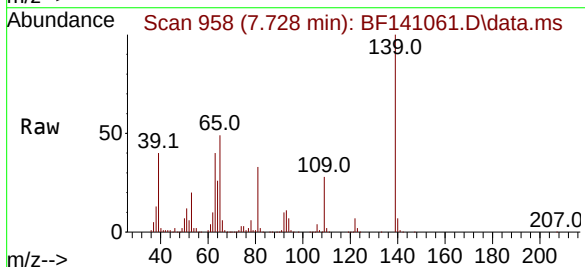
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion: 82 Resp: 1591436  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 18.4 14.6 21.8

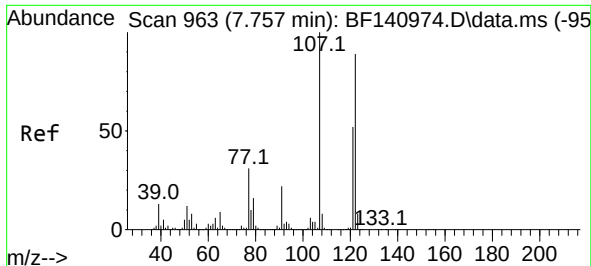


#26  
2-Nitrophenol  
Concen: 61.407 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:139 Resp: 435976  
Ion Ratio Lower Upper  
139 100  
109 28.5 22.2 33.4  
65 48.6 40.2 60.4



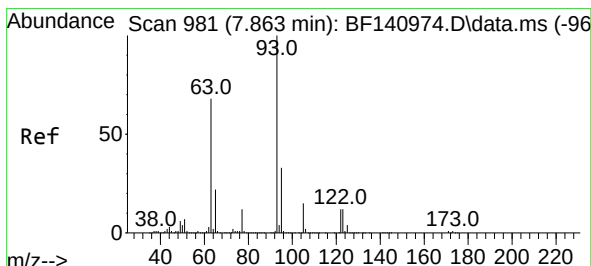
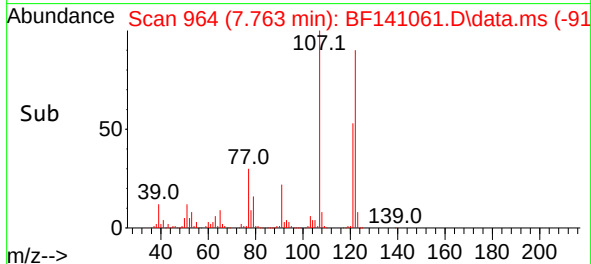
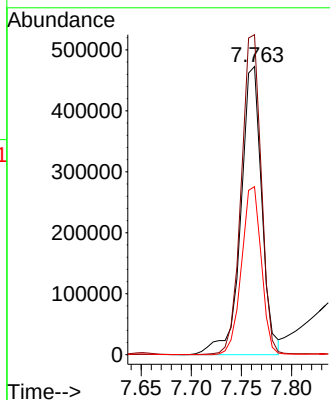
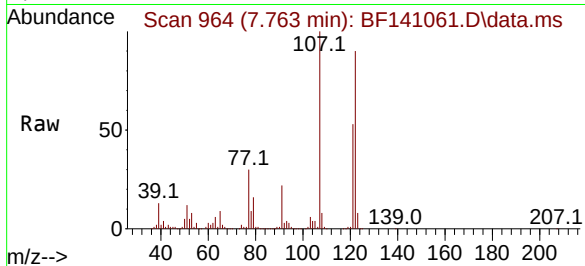




#27  
2,4-Dimethylphenol  
Concen: 57.403 ng  
RT: 7.763 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

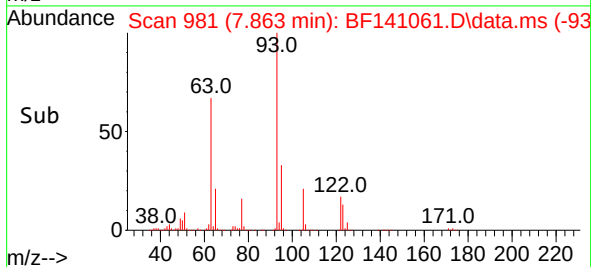
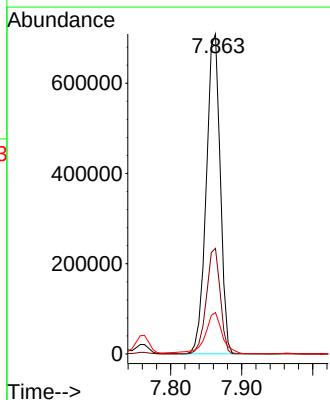
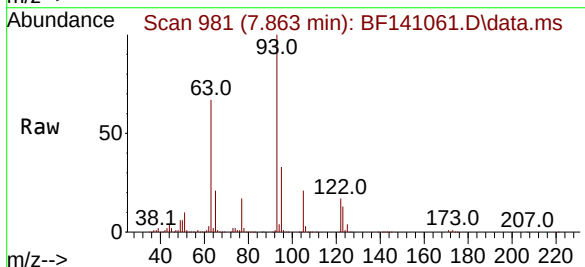
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

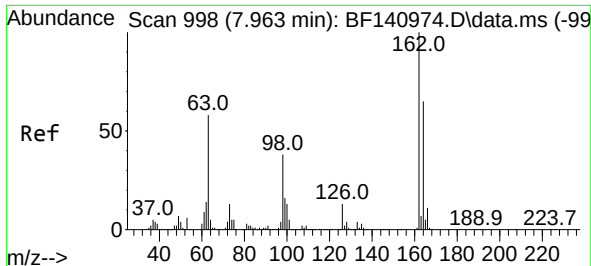
Tgt Ion:122 Resp: 689120  
Ion Ratio Lower Upper  
122 100  
107 111.0 89.4 134.2  
121 58.3 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.468 ng  
RT: 7.863 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 93 Resp: 967090  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.4  
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 50.693 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

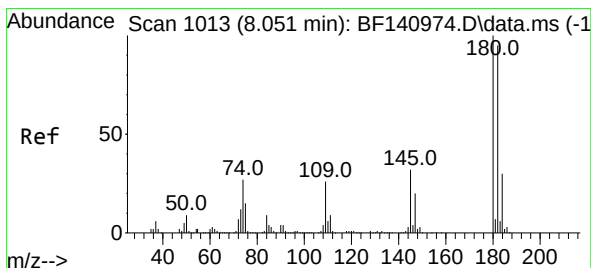
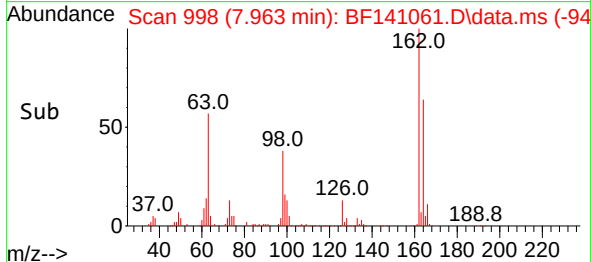
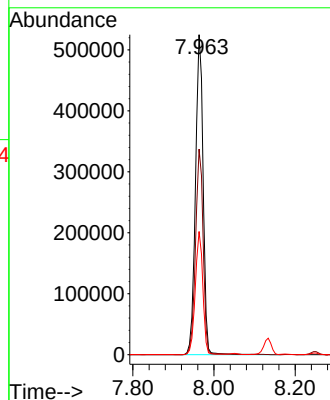
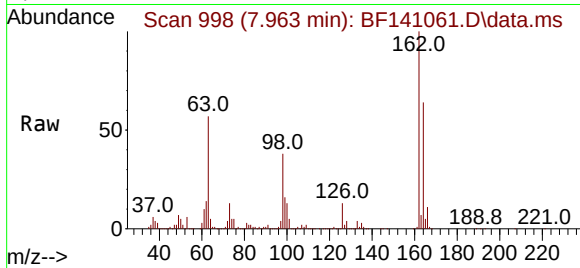
Tgt Ion:162 Resp: 690210

Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.056 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

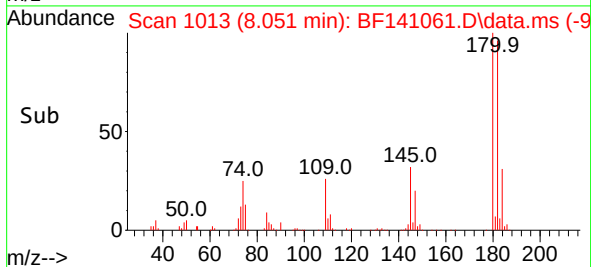
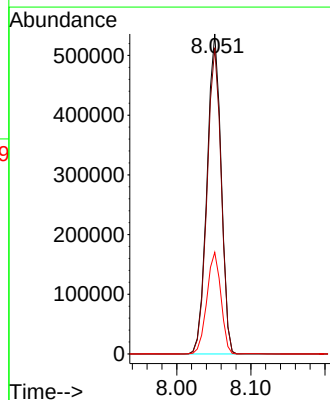
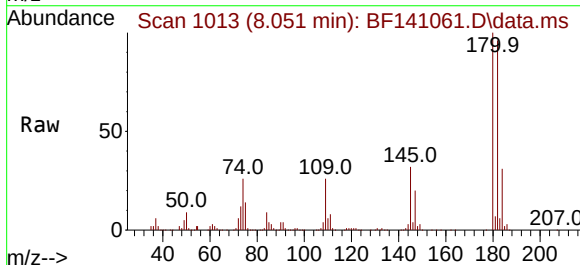
Tgt Ion:180 Resp: 709742

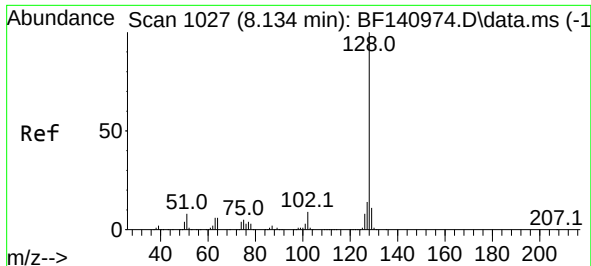
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 31.7 25.4 38.2

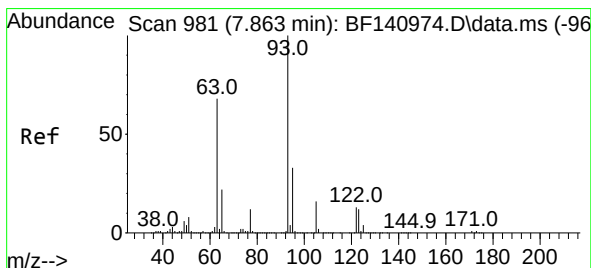
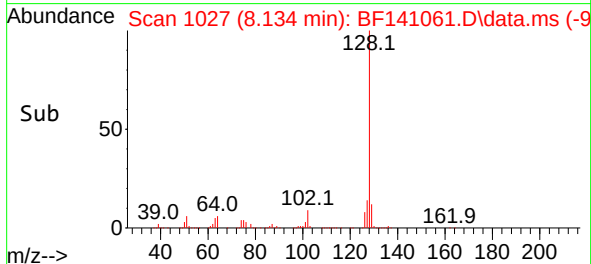
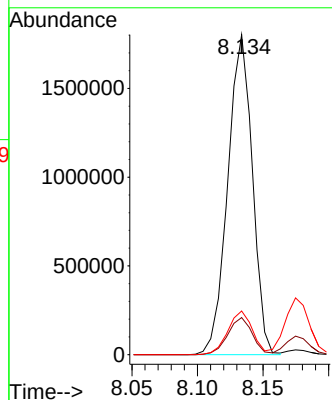
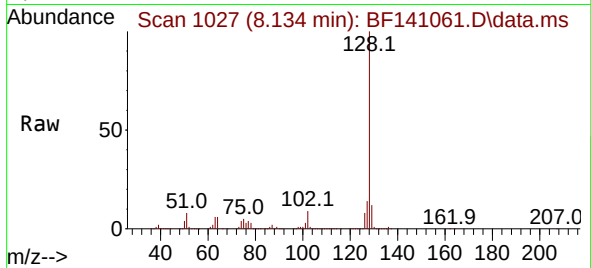




#31  
Naphthalene  
Concen: 46.226 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

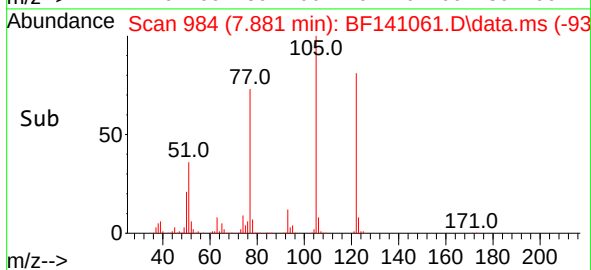
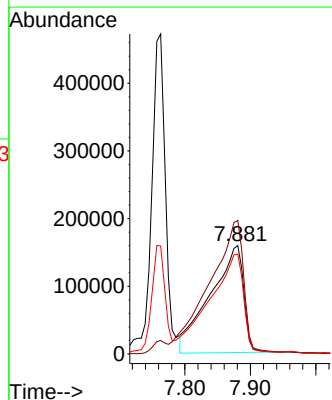
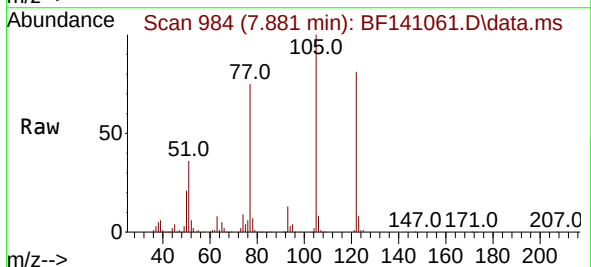
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

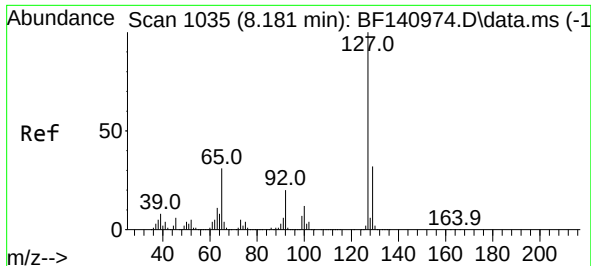
Tgt Ion:128 Resp: 2352428  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.2 13.8  
127 13.7 11.0 16.4



#32  
Benzoic acid  
Concen: 54.862 ng  
RT: 7.881 min Scan# 984  
Delta R.T. 0.018 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:122 Resp: 554945  
Ion Ratio Lower Upper  
122 100  
105 123.1 105.4 145.4  
77 92.1 76.4 116.4

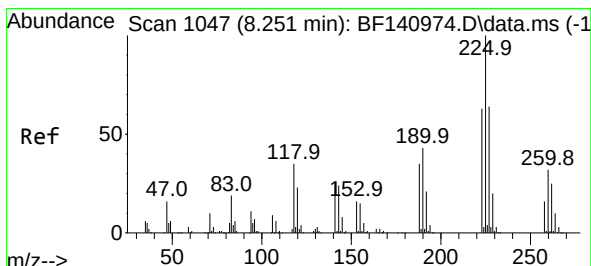
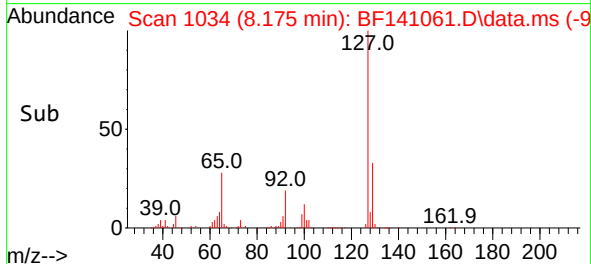
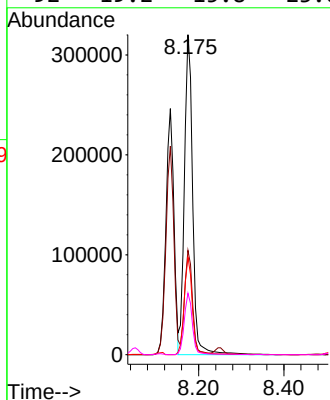
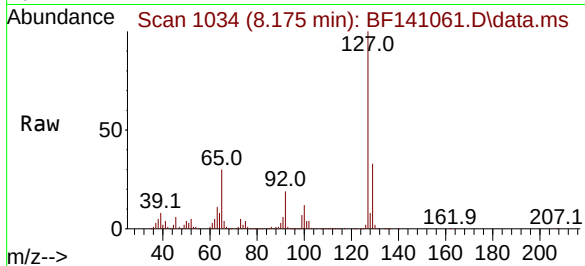




#33  
4-Chloroaniline  
Concen: 23.489 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

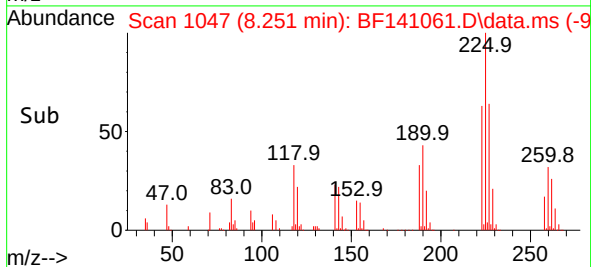
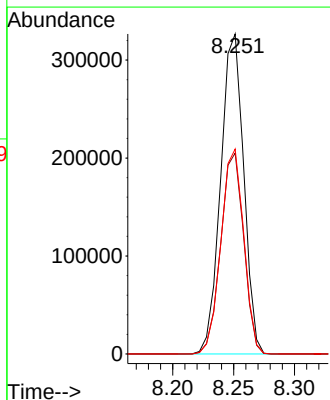
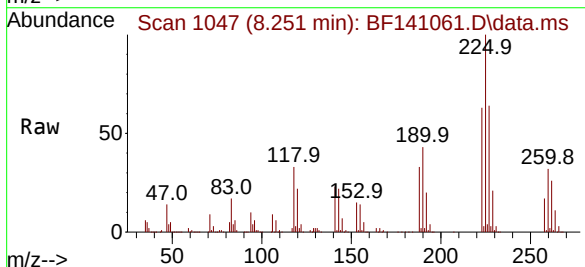
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

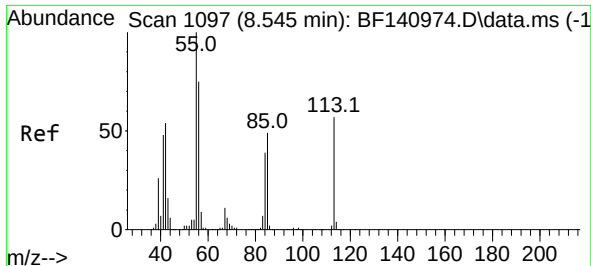
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 432448 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.1  | 39.1   |
| 65       | 30.4  | 24.6  | 37.0   |
| 92       | 19.2  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 47.305 ng  
RT: 8.251 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 429763 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 50.3  | 75.5   |
| 227      | 64.1  | 50.8  | 76.2   |

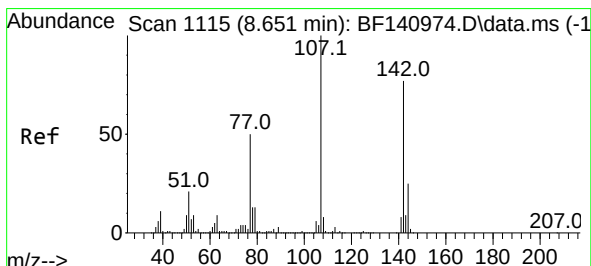
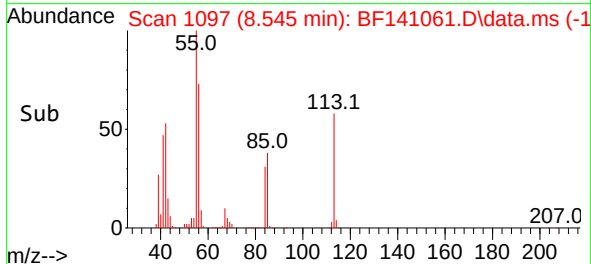
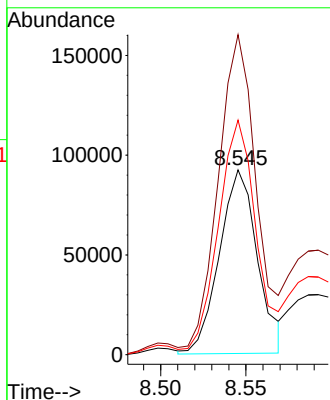
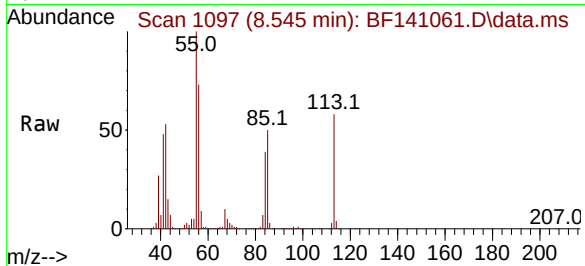




#35  
Caprolactam  
Concen: 30.876 ng  
RT: 8.545 min Scan# 1097  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

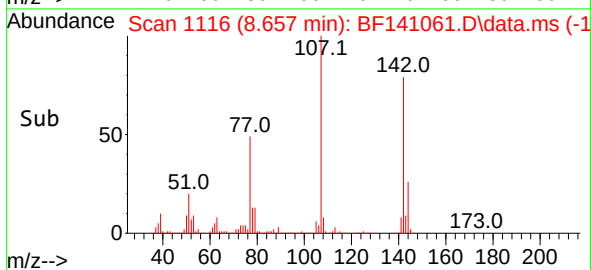
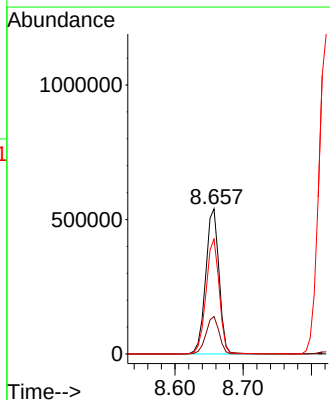
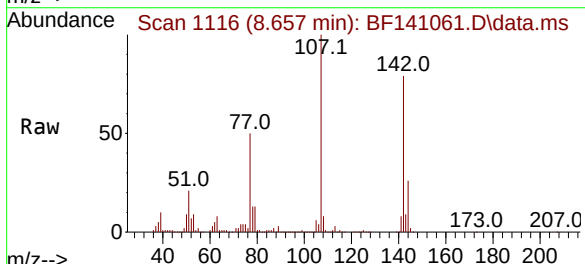
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

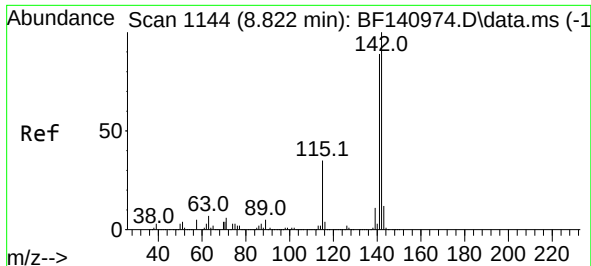
Tgt Ion:113 Resp: 142916  
Ion Ratio Lower Upper  
113 100  
55 173.2 156.6 196.6  
56 127.0 111.7 151.7



#36  
4-Chloro-3-methylphenol  
Concen: 48.659 ng  
RT: 8.657 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:107 Resp: 735765  
Ion Ratio Lower Upper  
107 100  
144 25.8 19.9 29.9  
142 79.1 61.8 92.8





#37

2-Methylnaphthalene

Concen: 47.601 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

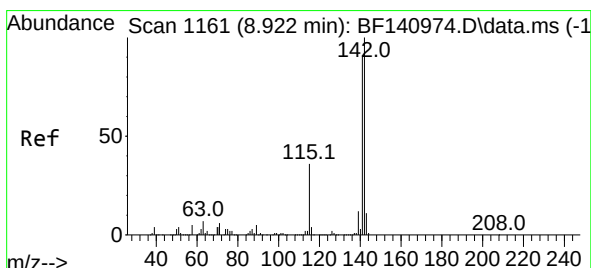
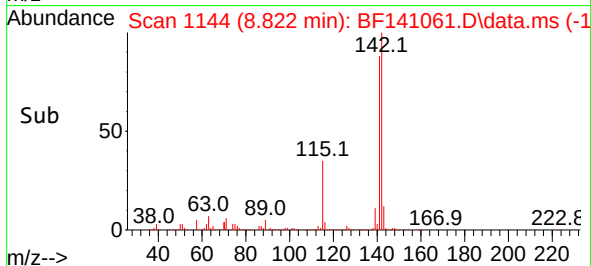
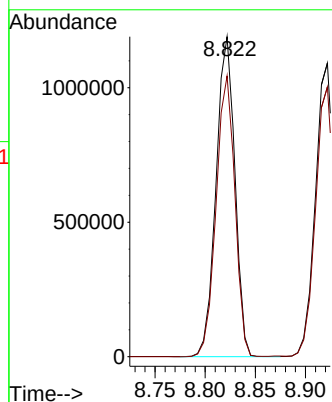
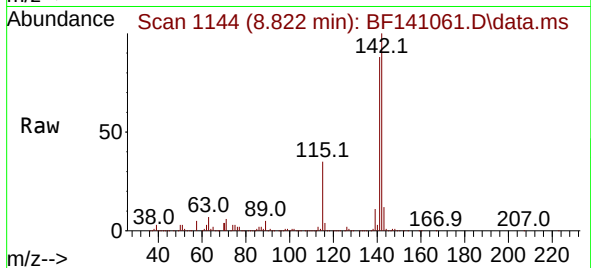
PB165900BS

Tgt Ion:142 Resp: 1549694

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 45.034 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141061.D

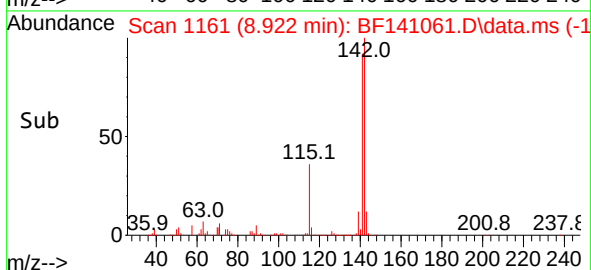
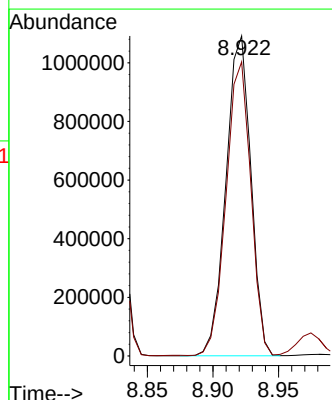
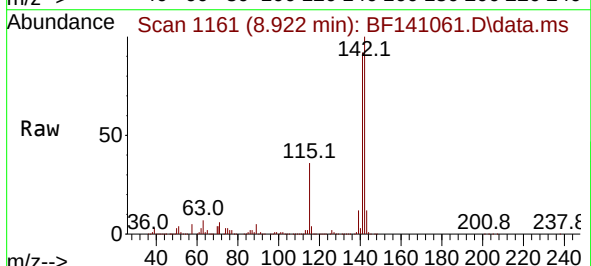
Acq: 02 Jan 2025 11:18

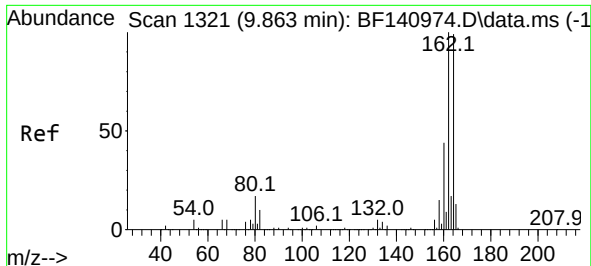
Tgt Ion:142 Resp: 1440884

Ion Ratio Lower Upper

142 100

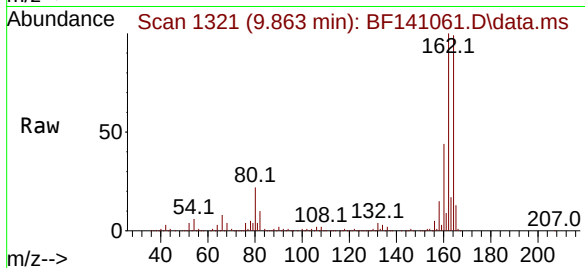
141 91.9 72.7 109.1



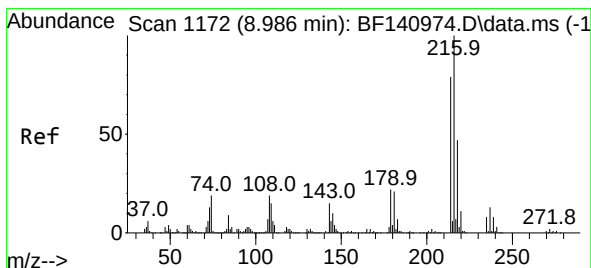
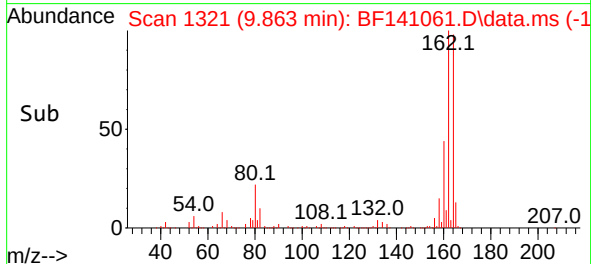
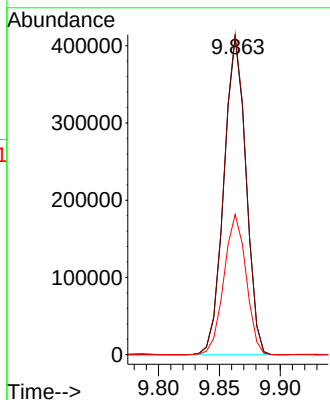


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

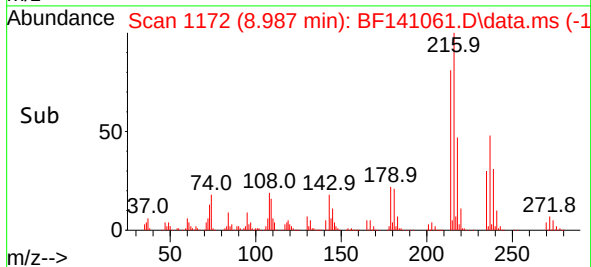
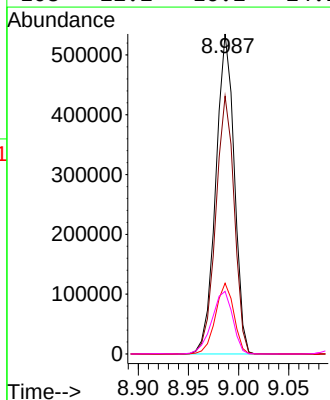
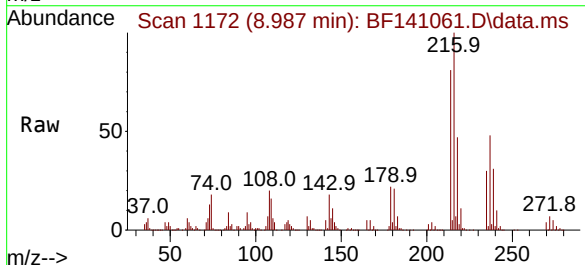


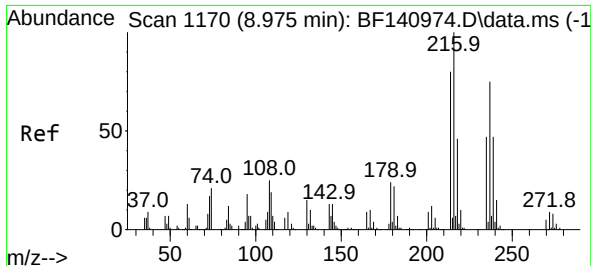
Tgt Ion:164 Resp: 516622  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.6 120.8  
160 44.3 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.261 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:216 Resp: 685932  
Ion Ratio Lower Upper  
216 100  
214 80.4 63.0 94.6  
179 21.9 17.9 26.9  
108 22.2 16.2 24.2

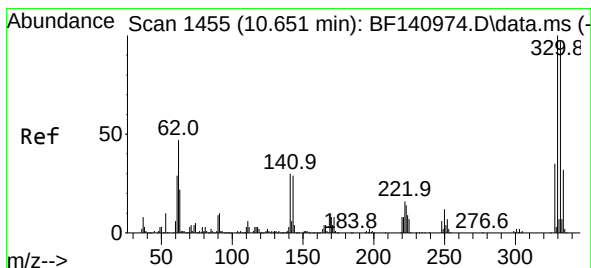
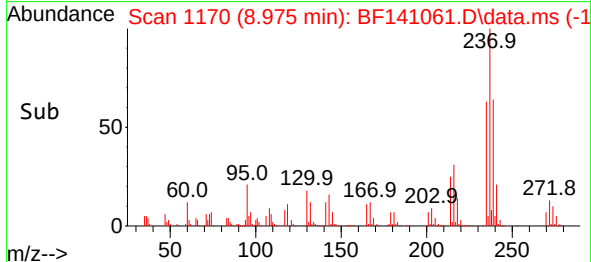
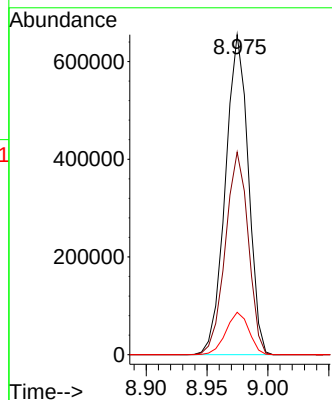
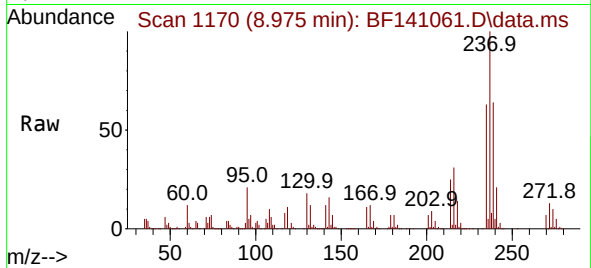




#41  
Hexachlorocyclopentadiene  
Concen: 182.116 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

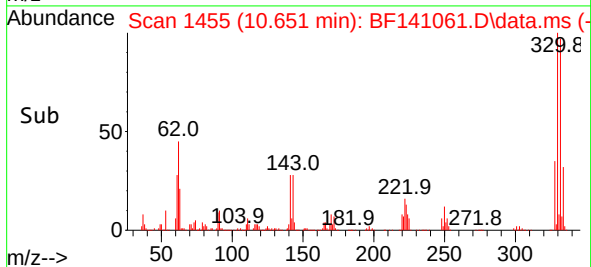
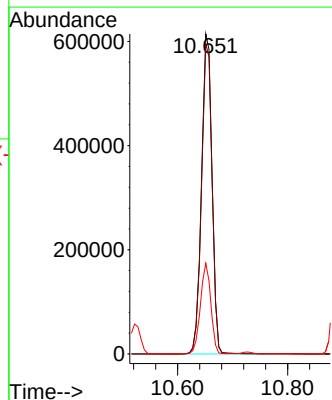
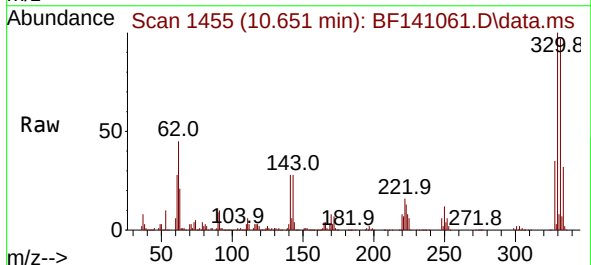
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion:237 Resp: 857767  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.4 83.4  
272 13.3 0.0 32.6

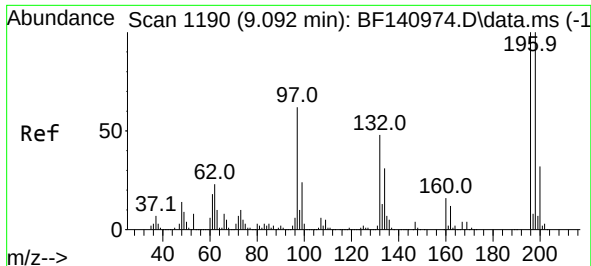


#42  
2,4,6-Tribromophenol  
Concen: 163.046 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:330 Resp: 818499  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.0 117.0  
141 28.1 26.4 39.6







#43

2,4,6-Trichlorophenol

Concen: 52.701 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

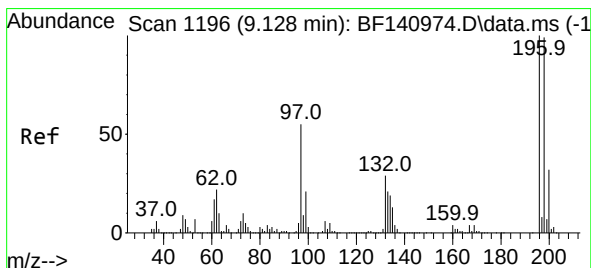
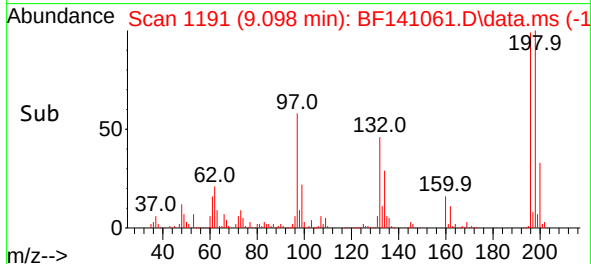
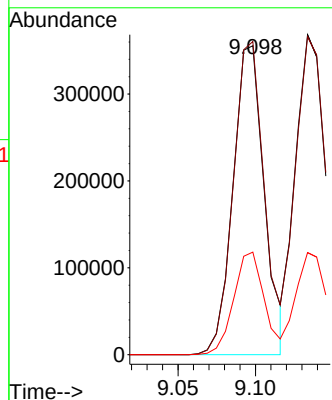
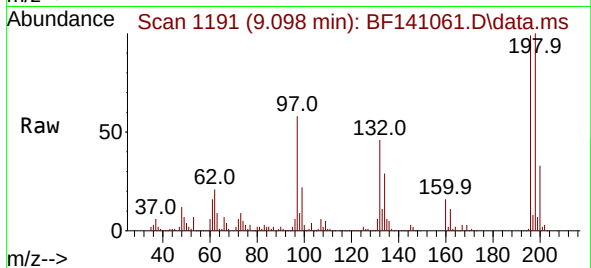
Tgt Ion:196 Resp: 498519

Ion Ratio Lower Upper

196 100

198 101.4 80.2 120.4

200 33.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 51.602 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Tgt Ion:196 Resp: 499445

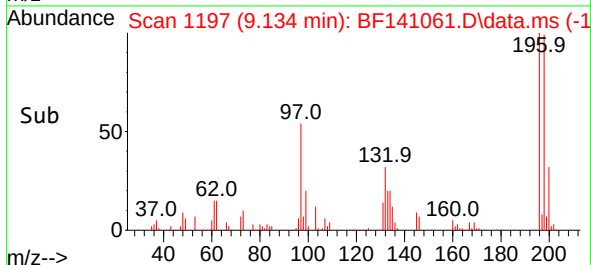
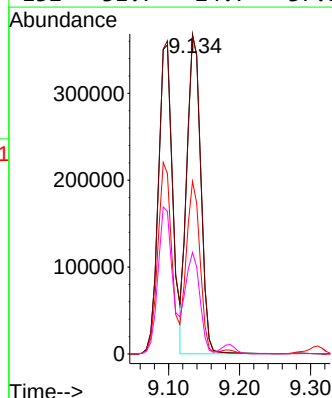
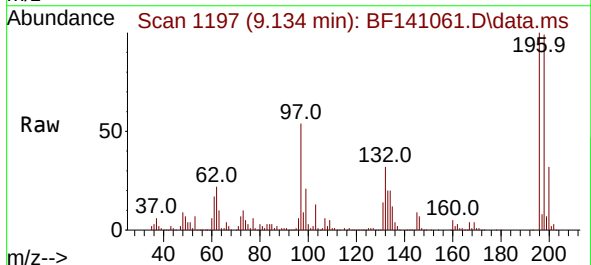
Ion Ratio Lower Upper

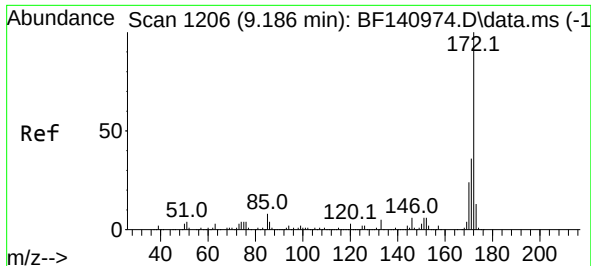
196 100

198 99.4 79.9 119.9

97 53.9 44.3 66.5

132 31.7 24.7 37.1

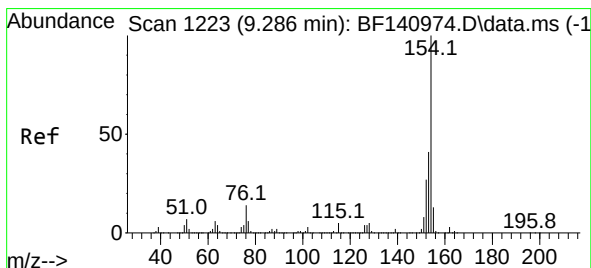
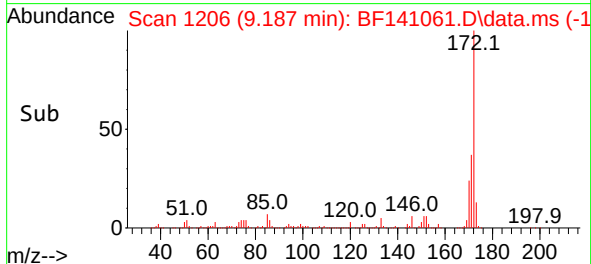
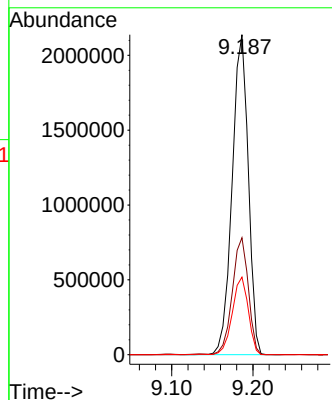
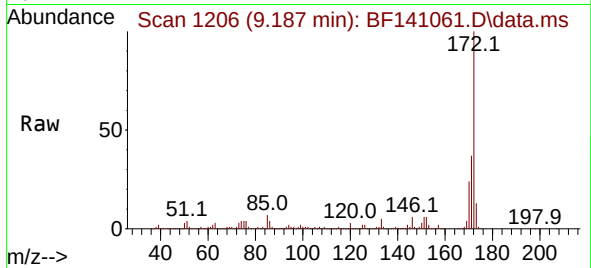




#45  
2-Fluorobiphenyl  
Concen: 90.870 ng  
RT: 9.187 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

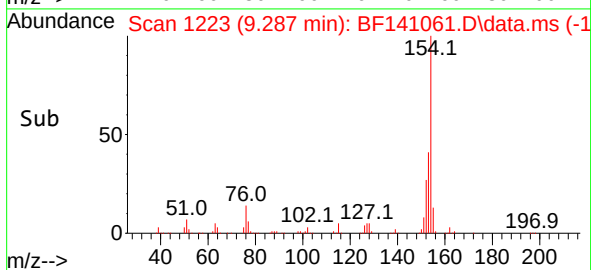
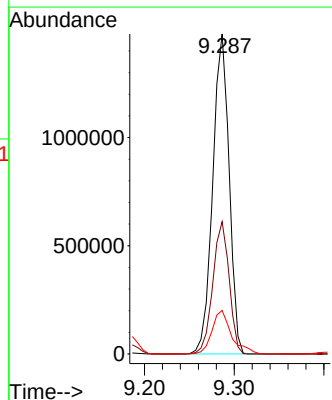
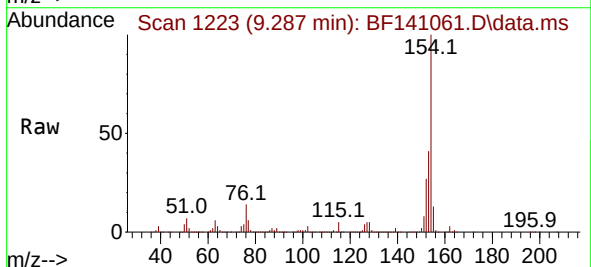
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

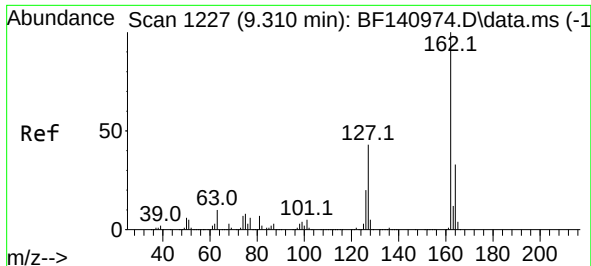
Tgt Ion:172 Resp: 2946535  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.0 43.4  
170 24.3 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 47.325 ng  
RT: 9.287 min Scan# 1223  
Delta R.T. 0.001 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:154 Resp: 1872062  
Ion Ratio Lower Upper  
154 100  
153 41.4 20.9 60.9  
76 13.6 0.0 34.0

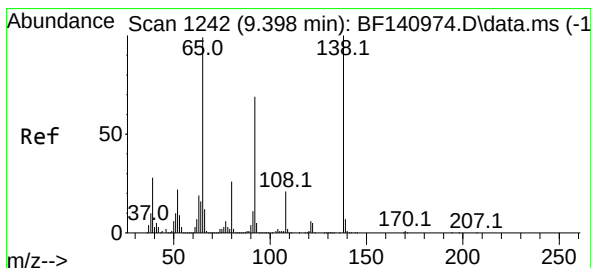
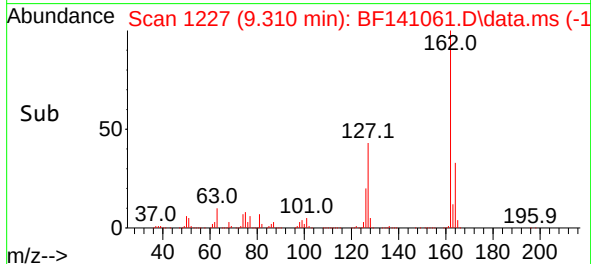
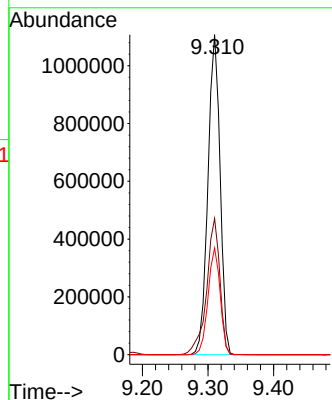
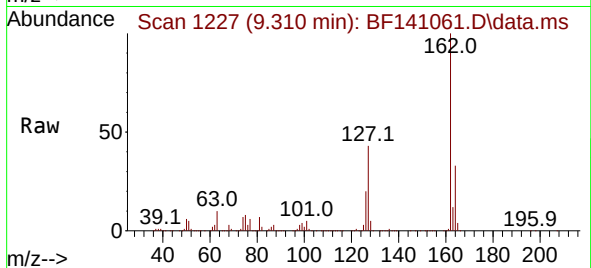




#47  
2-Chloronaphthalene  
Concen: 46.657 ng  
RT: 9.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

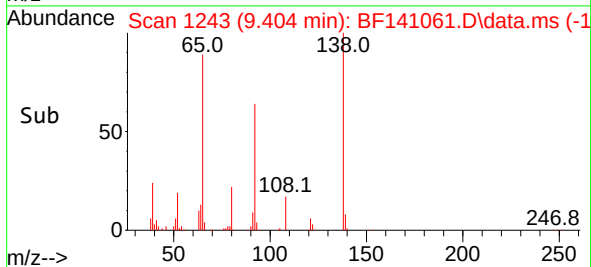
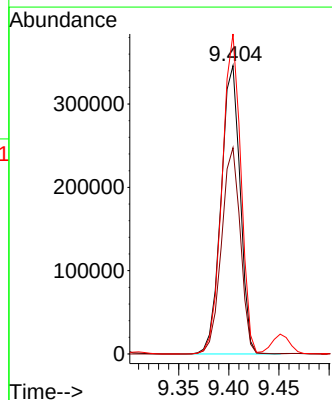
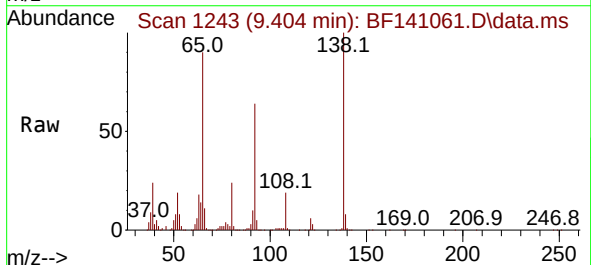
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

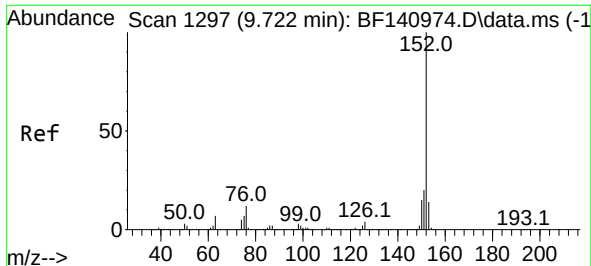
Tgt Ion:162 Resp: 1431407  
Ion Ratio Lower Upper  
162 100  
127 42.5 34.2 51.4  
164 33.3 26.6 40.0



#48  
2-Nitroaniline  
Concen: 56.058 ng  
RT: 9.404 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 65 Resp: 456843  
Ion Ratio Lower Upper  
65 100  
92 71.5 55.6 83.4  
138 111.0 80.5 120.7





#49

Acenaphthylene

Concen: 49.886 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

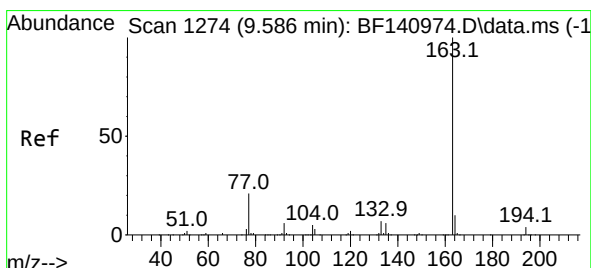
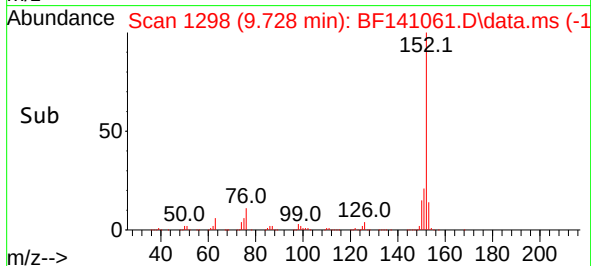
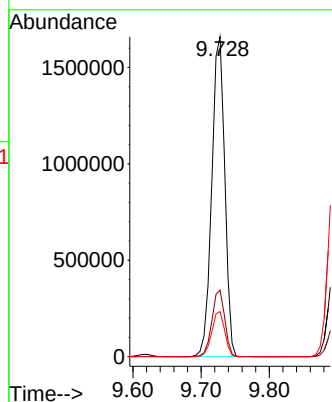
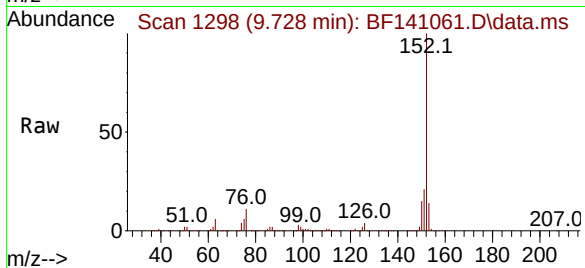
Tgt Ion:152 Resp: 2203204

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 14.1 11.4 17.0



#50

Dimethylphthalate

Concen: 49.430 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

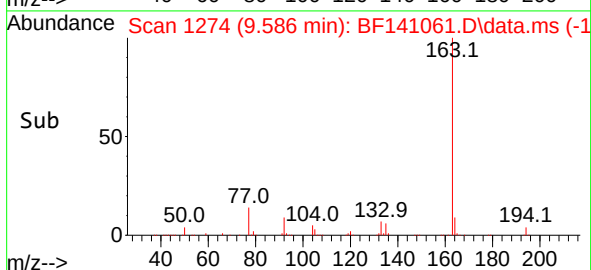
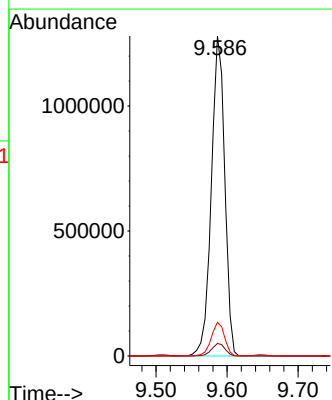
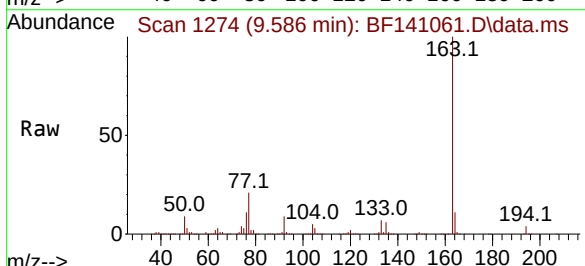
Tgt Ion:163 Resp: 1679720

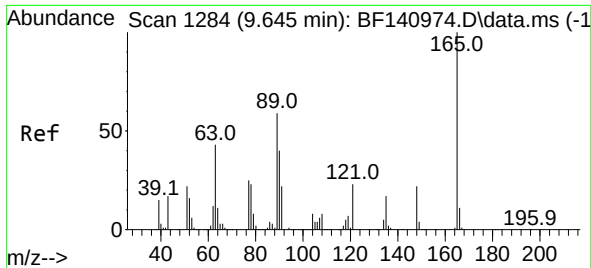
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.6 8.3 12.5

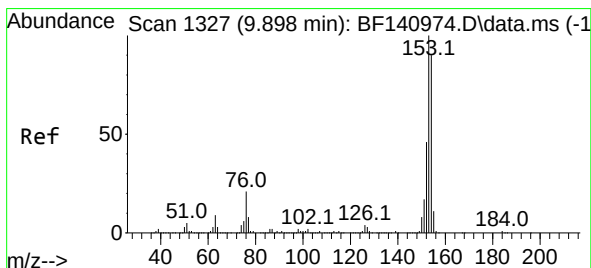
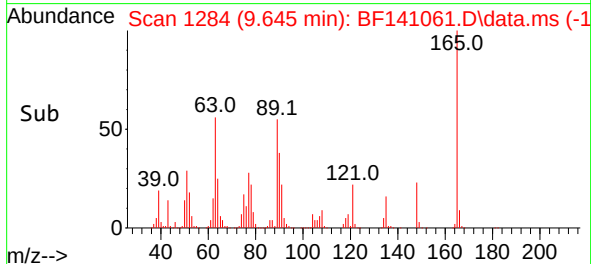
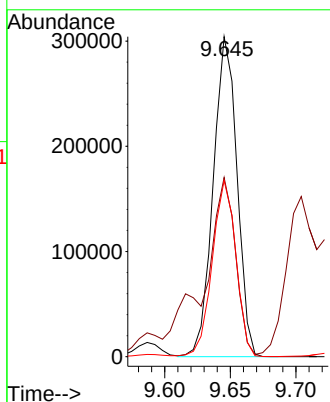
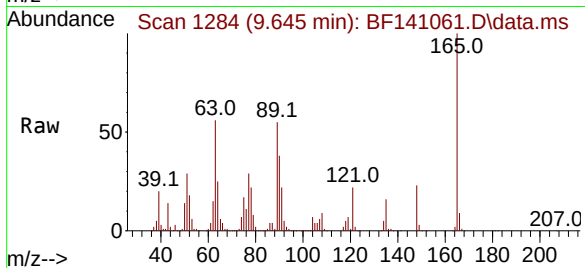




#51  
 2,6-Dinitrotoluene  
 Concen: 54.708 ng  
 RT: 9.645 min Scan# 1284  
 Delta R.T. 0.000 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

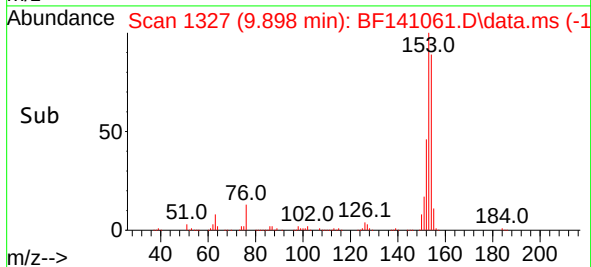
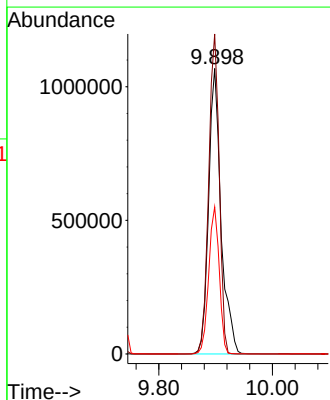
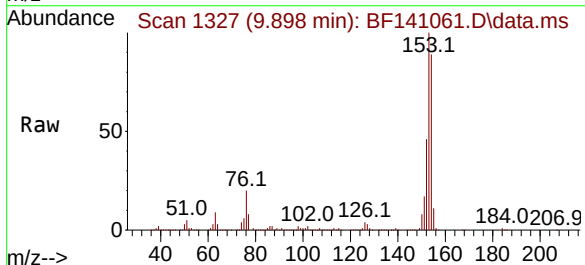
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165900BS

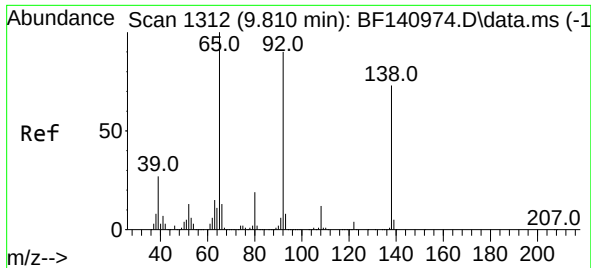
Tgt Ion:165 Resp: 382958  
 Ion Ratio Lower Upper  
 165 100  
 63 56.0 47.1 70.7  
 89 55.0 47.0 70.4



#52  
 Acenaphthene  
 Concen: 54.131 ng  
 RT: 9.898 min Scan# 1327  
 Delta R.T. 0.000 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

Tgt Ion:154 Resp: 1616218  
 Ion Ratio Lower Upper  
 154 100  
 153 112.1 89.2 133.8  
 152 51.5 40.9 61.3

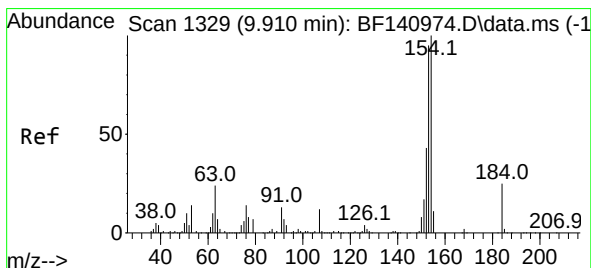
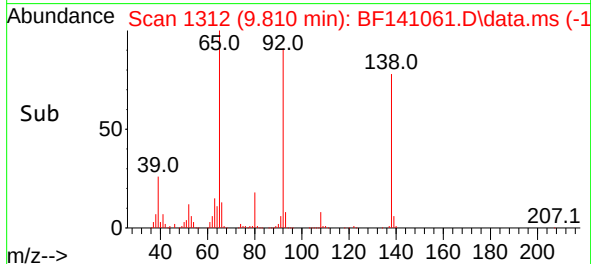
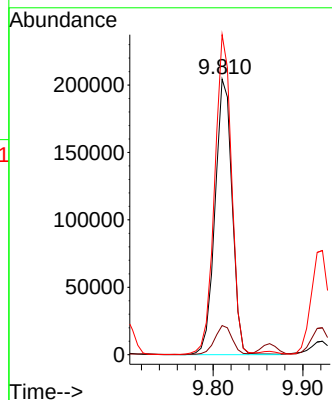
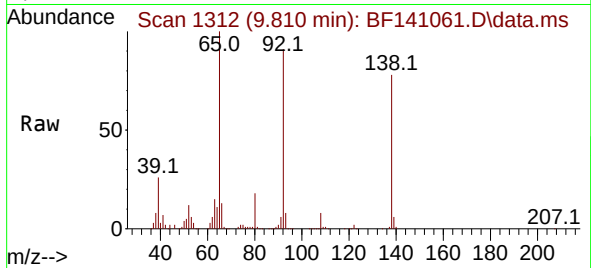




#53  
3-Nitroaniline  
Concen: 36.663 ng  
RT: 9.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

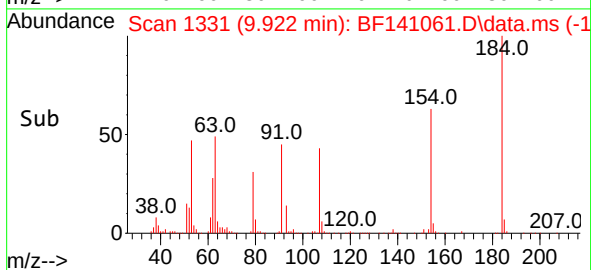
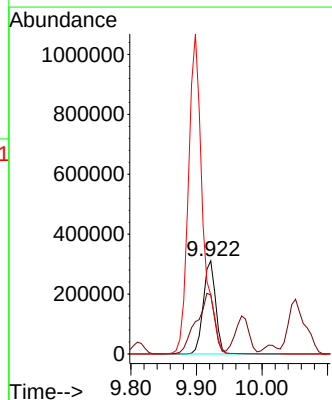
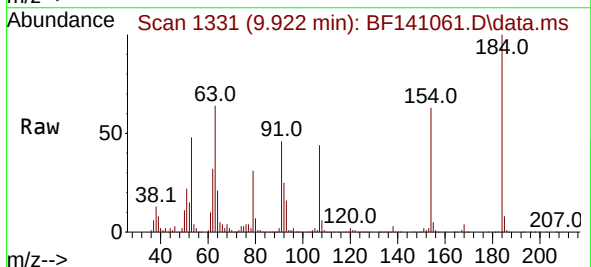
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

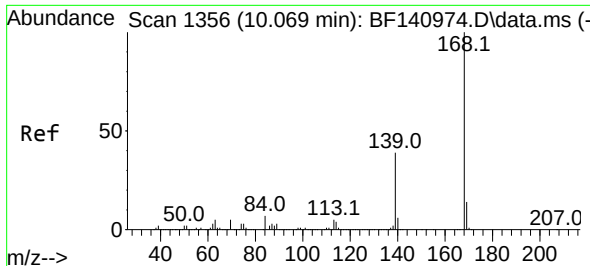
Tgt Ion:138 Resp: 270074  
Ion Ratio Lower Upper  
138 100  
108 10.6 13.5 20.3#  
92 116.1 97.7 146.5



#54  
2,4-Dinitrophenol  
Concen: 119.785 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:184 Resp: 406820  
Ion Ratio Lower Upper  
184 100  
63 63.5 81.6 122.4#  
154 63.3 363.5 545.3#

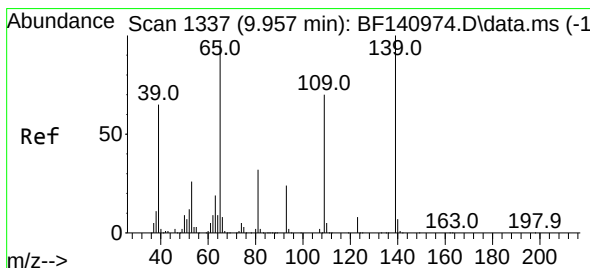
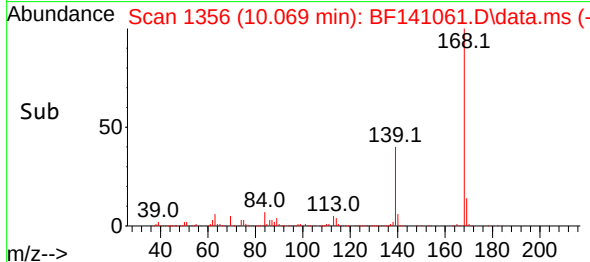
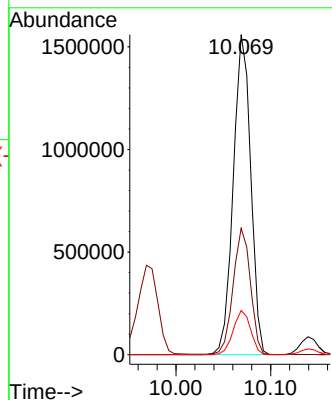
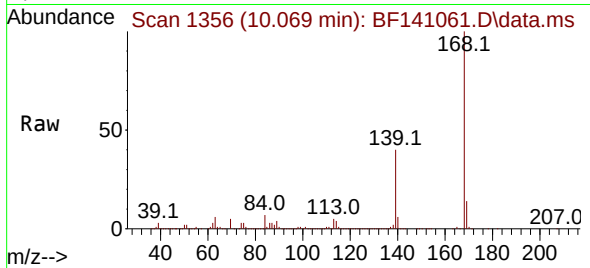




#55  
Dibenzenofuran  
Concen: 47.548 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

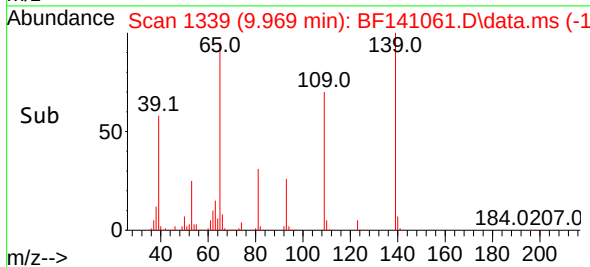
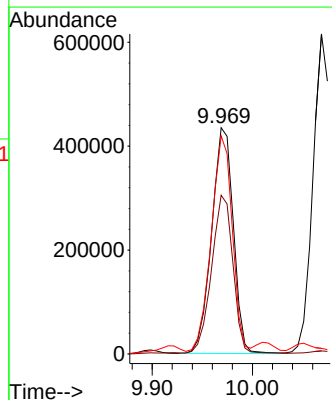
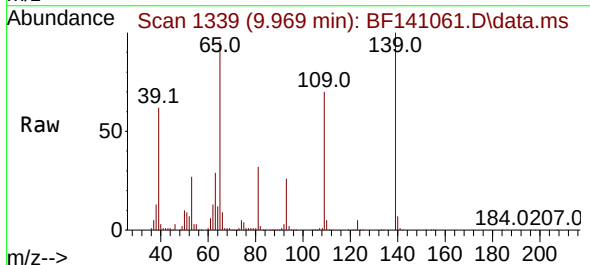
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

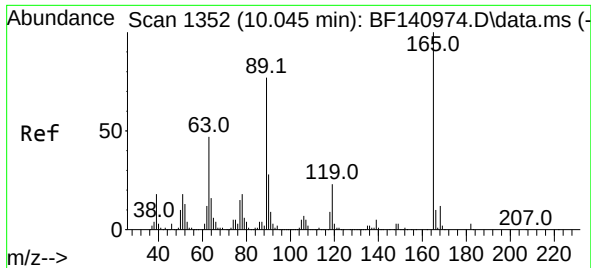
Tgt Ion:168 Resp: 1995100  
Ion Ratio Lower Upper  
168 100  
139 39.5 31.6 47.4  
169 13.8 11.0 16.6



#56  
4-Nitrophenol  
Concen: 112.325 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:139 Resp: 652924  
Ion Ratio Lower Upper  
139 100  
109 70.1 50.8 90.8  
65 96.4 78.5 118.5

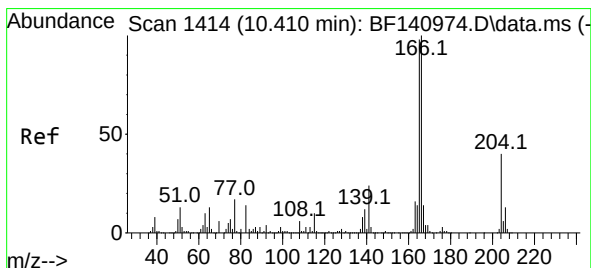
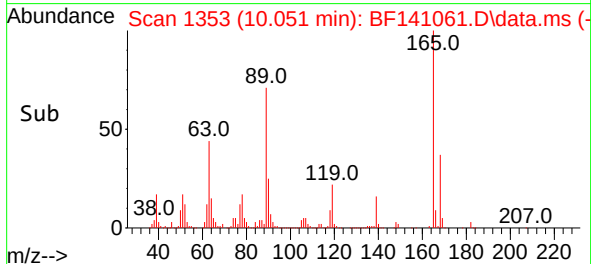
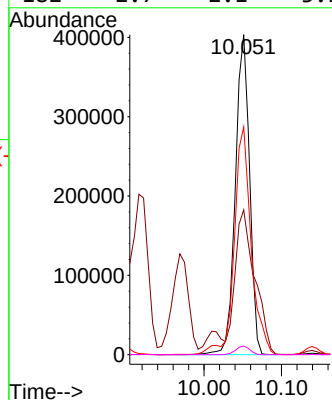
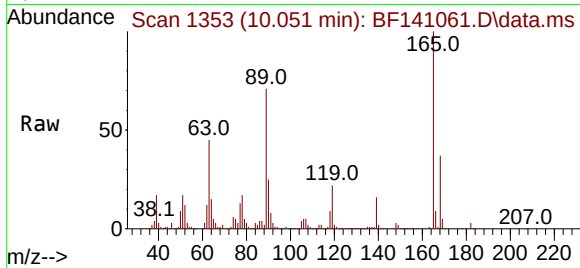




#57  
2,4-Dinitrotoluene  
Concen: 59.327 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

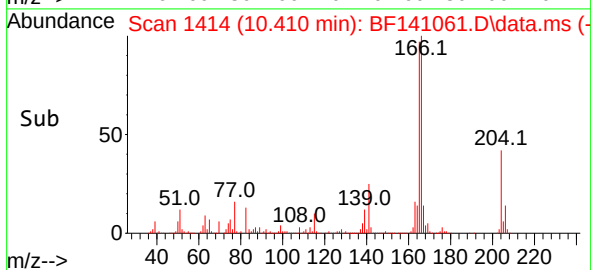
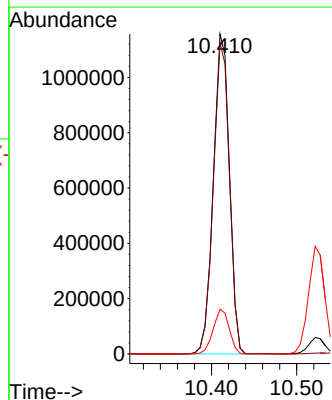
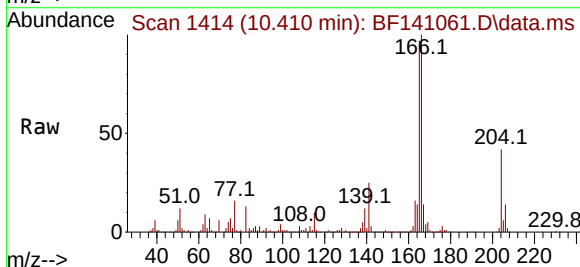
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion:165 Resp: 513048  
Ion Ratio Lower Upper  
165 100  
63 45.3 38.1 57.1  
89 71.2 61.4 92.2  
182 2.7 2.1 3.1

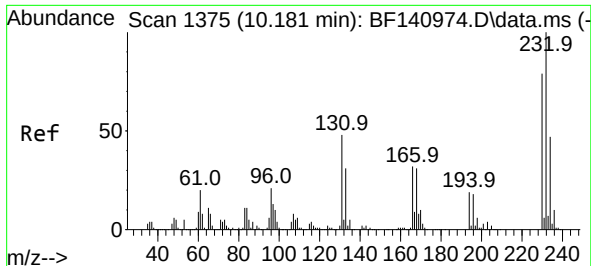


#58  
Fluorene  
Concen: 46.682 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:166 Resp: 1518931  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.3 117.5  
167 14.0 10.9 16.3



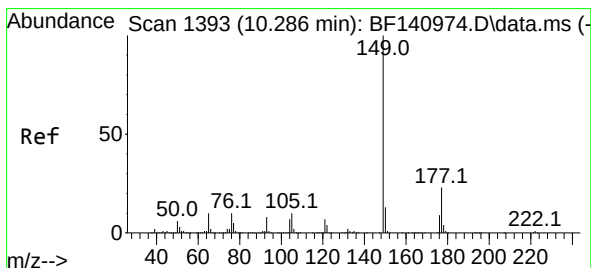
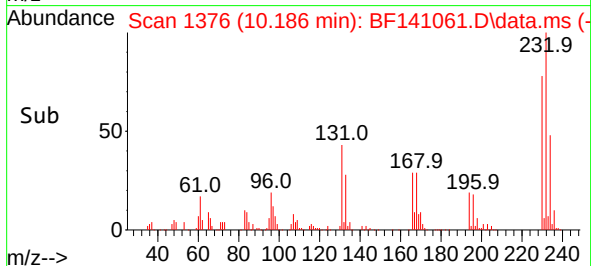
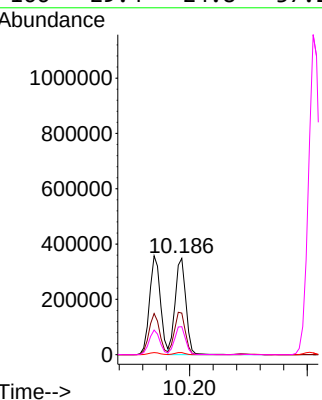
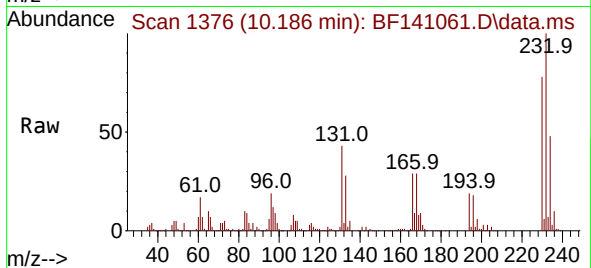




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.211 ng  
RT: 10.186 min Scan# 1375  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

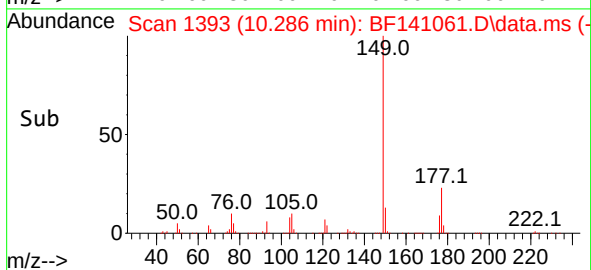
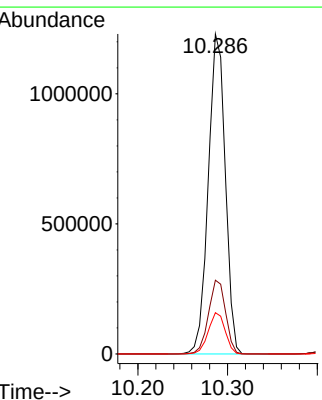
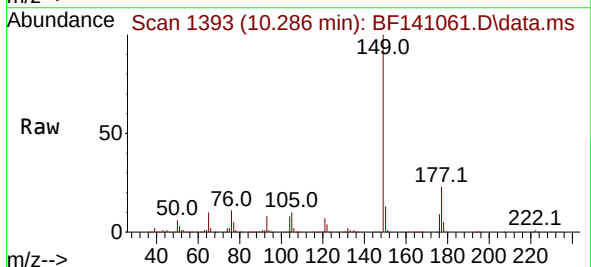
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

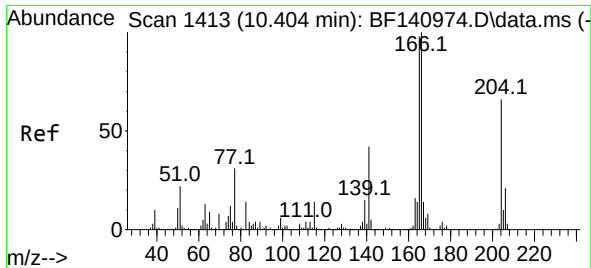
Tgt Ion:232 Resp: 442569  
Ion Ratio Lower Upper  
232 100  
131 44.9 37.4 56.2  
130 2.2 1.8 2.8  
166 29.4 24.8 37.2



#60  
Diethylphthalate  
Concen: 48.262 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:149 Resp: 1619099  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.3 27.5  
150 12.9 10.4 15.6

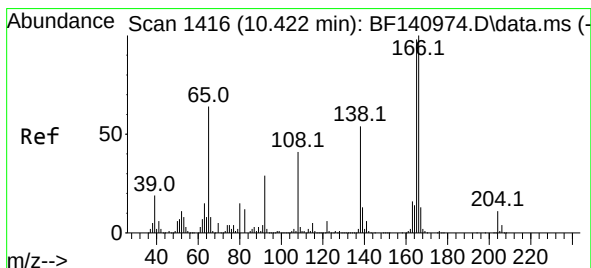
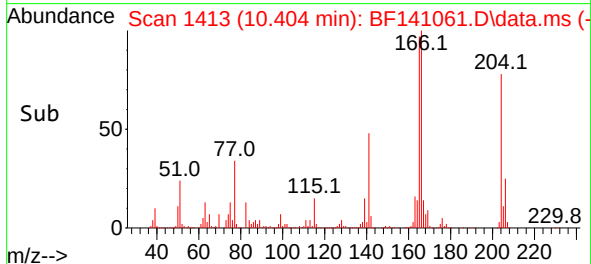
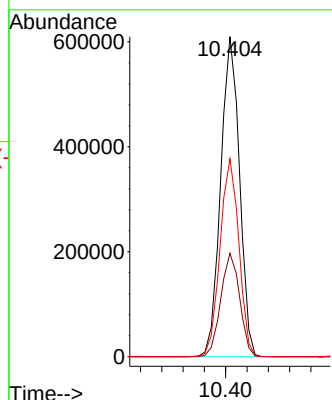
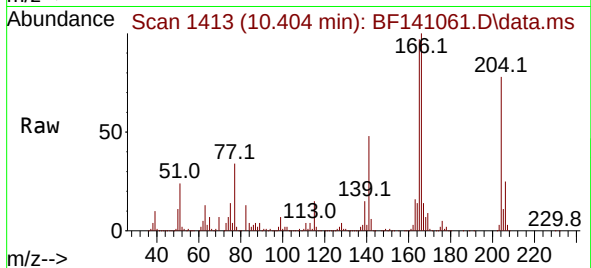




#61  
4-Chlorophenyl-phenylether  
Concen: 47.604 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

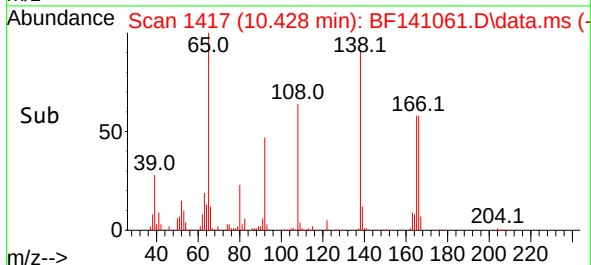
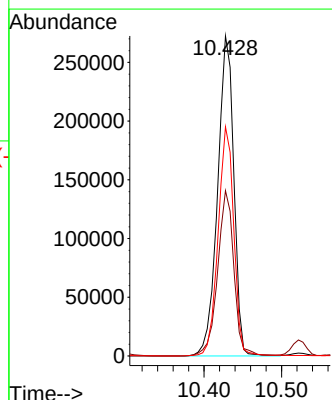
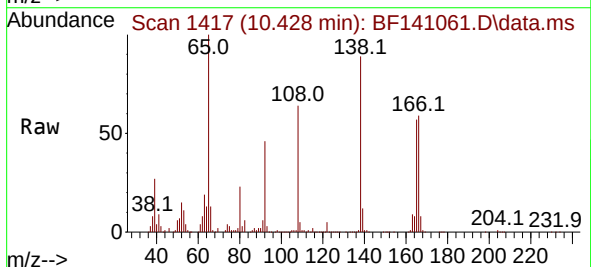
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

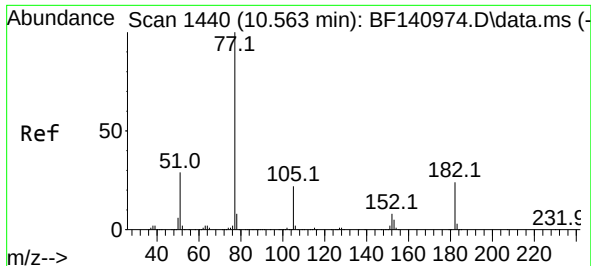
Tgt Ion:204 Resp: 745307  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.8 38.6  
141 61.9 51.2 76.8



#62  
4-Nitroaniline  
Concen: 52.319 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:138 Resp: 396354  
Ion Ratio Lower Upper  
138 100  
92 51.7 34.8 74.8  
108 71.6 55.9 95.9

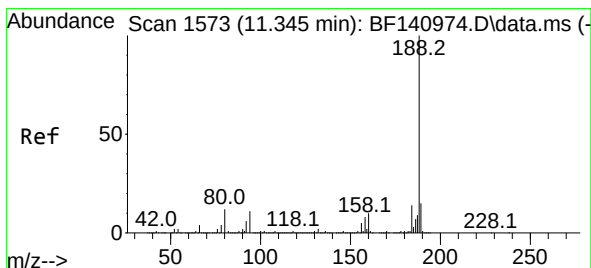
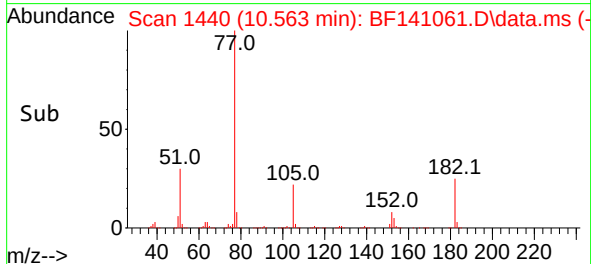
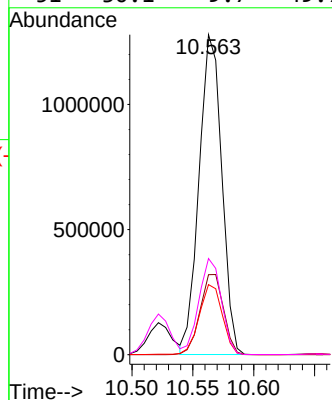
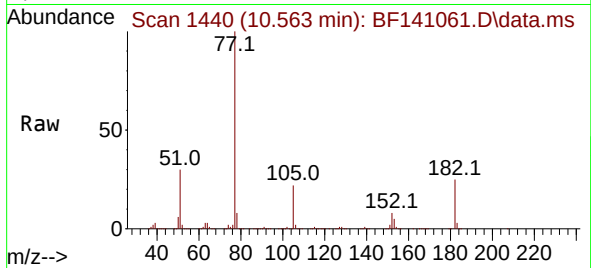




#63  
Azobenzene  
Concen: 47.027 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

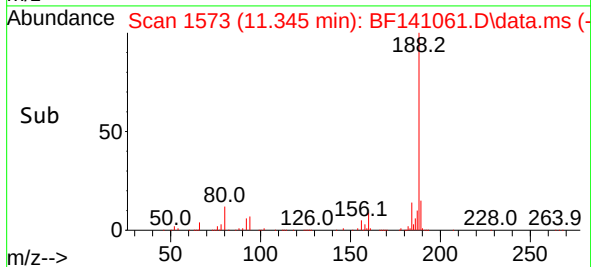
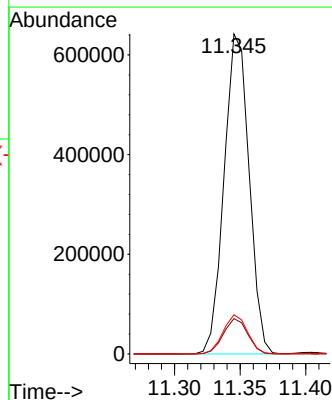
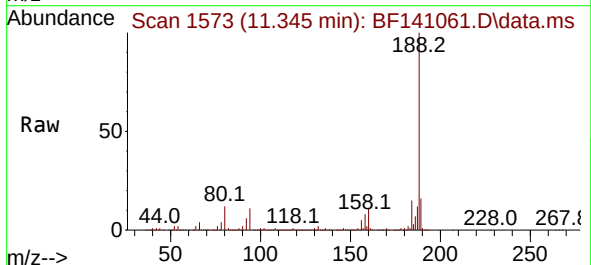
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

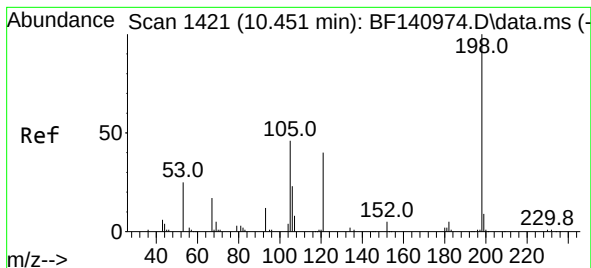
Tgt Ion: 77 Resp: 1655933  
Ion Ratio Lower Upper  
77 100  
182 25.0 4.1 44.1  
105 21.9 1.8 41.8  
51 30.1 9.7 49.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion: 188 Resp: 852160  
Ion Ratio Lower Upper  
188 100  
94 11.0 9.0 13.6  
80 12.3 9.8 14.6

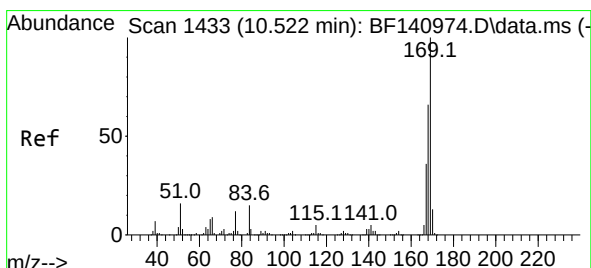
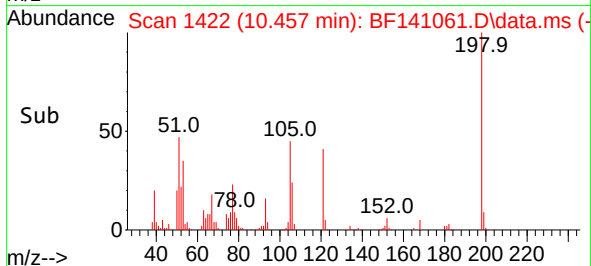
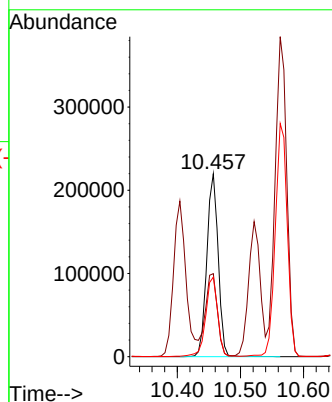
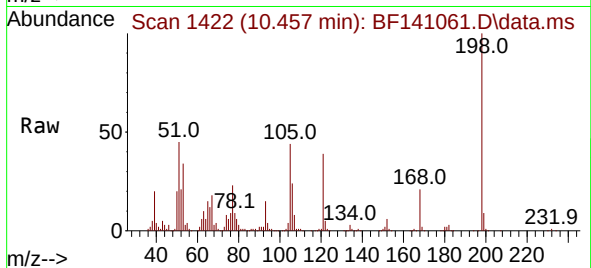




#65  
4,6-Dinitro-2-methylphenol  
Concen: 74.522 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

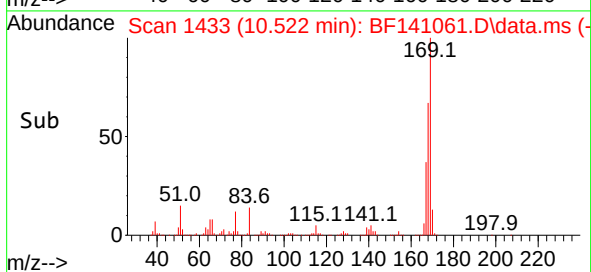
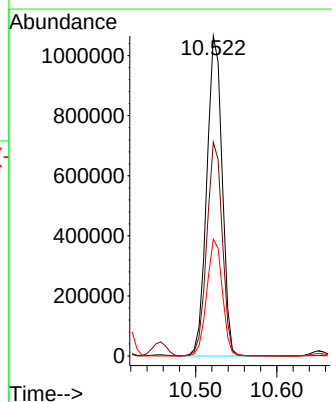
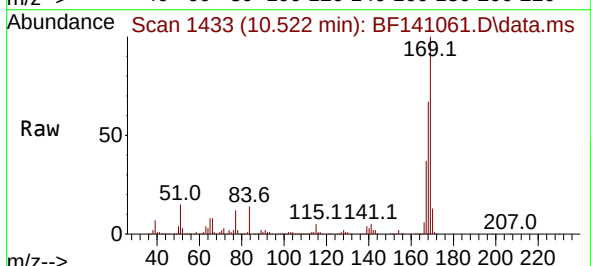
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

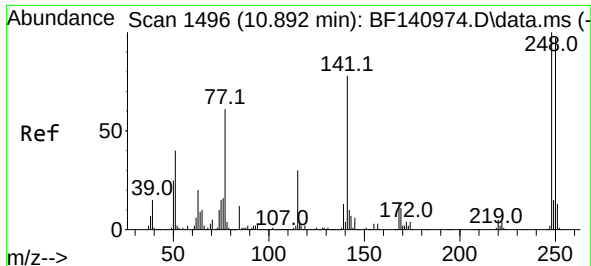
Tgt Ion:198 Resp: 274979  
Ion Ratio Lower Upper  
198 100  
51 45.4 32.3 72.3  
105 43.5 28.4 68.4



#66  
n-Nitrosodiphenylamine  
Concen: 51.980 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:169 Resp: 1394838  
Ion Ratio Lower Upper  
169 100  
168 66.8 52.6 79.0  
167 36.6 29.0 43.4

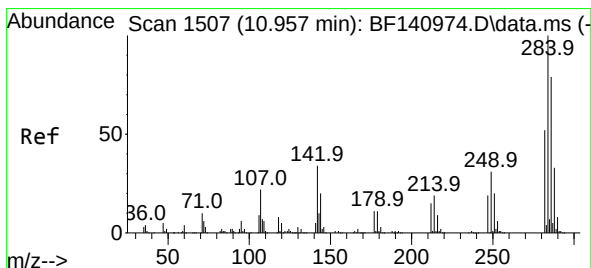
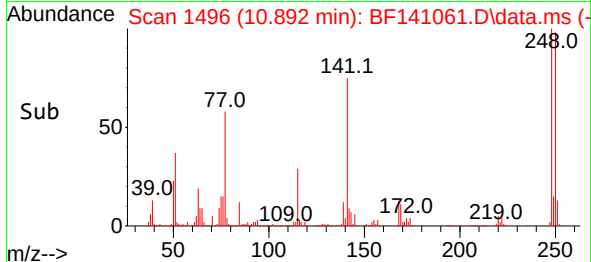
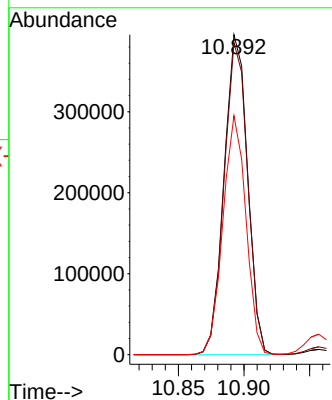
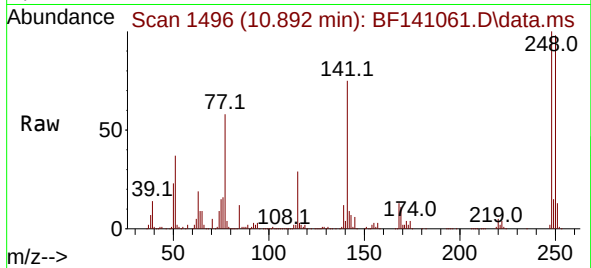




#67  
4-Bromophenyl-phenylether  
Concen: 53.543 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

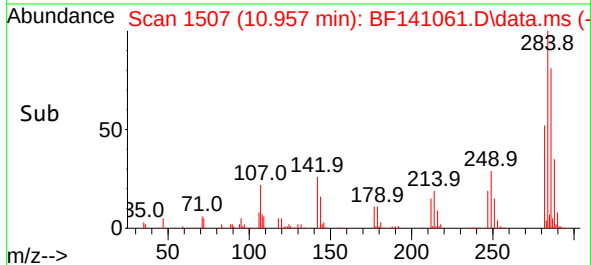
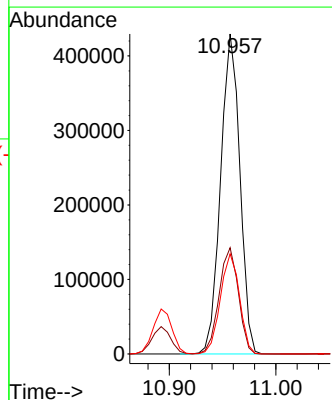
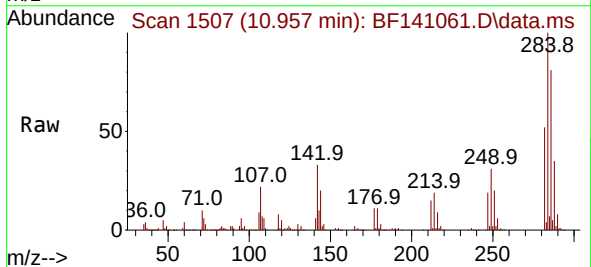
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

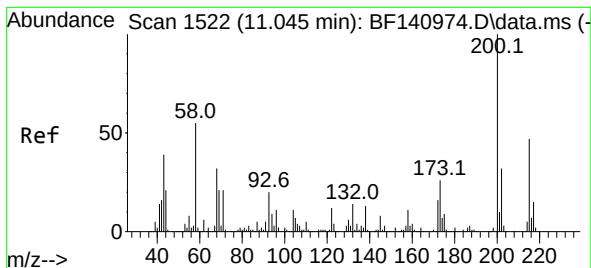
Tgt Ion:248 Resp: 493242  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.7 116.5  
141 74.7 62.1 93.1



#68  
Hexachlorobenzene  
Concen: 52.956 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:284 Resp: 537913  
Ion Ratio Lower Upper  
284 100  
142 33.2 27.1 40.7  
249 31.3 25.1 37.7





#69

Atrazine

Concen: 64.298 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

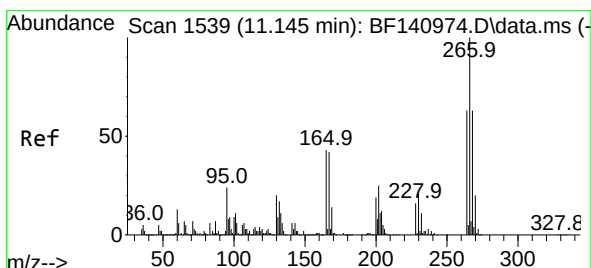
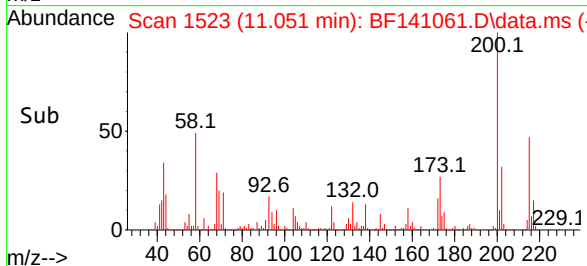
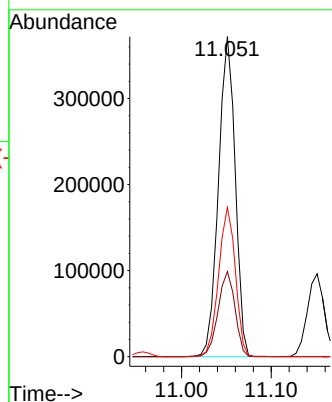
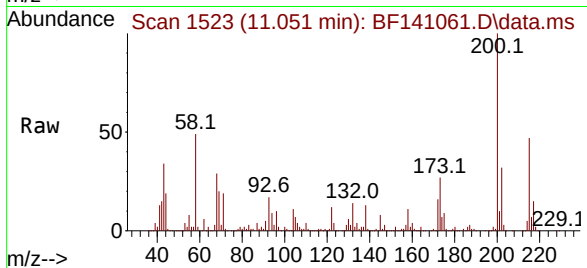
Tgt Ion:200 Resp: 482020

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 108.280 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

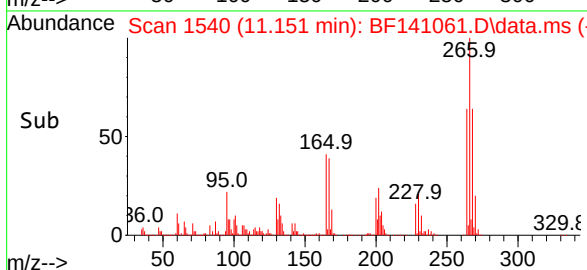
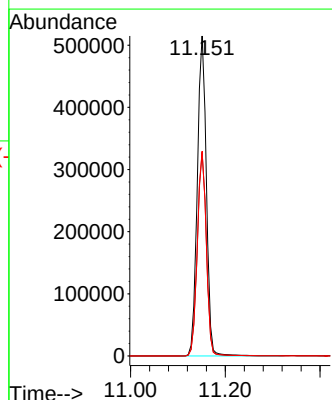
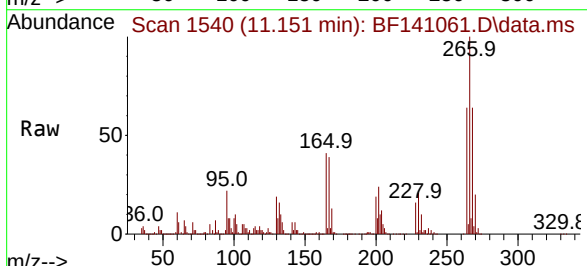
Tgt Ion:266 Resp: 684788

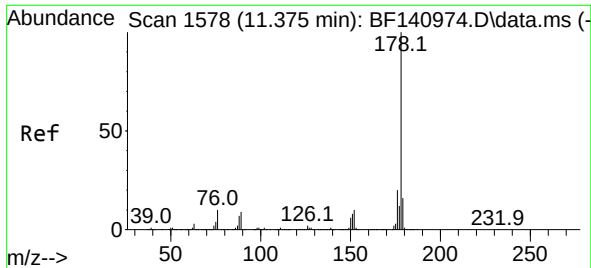
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 64.0 50.2 75.4

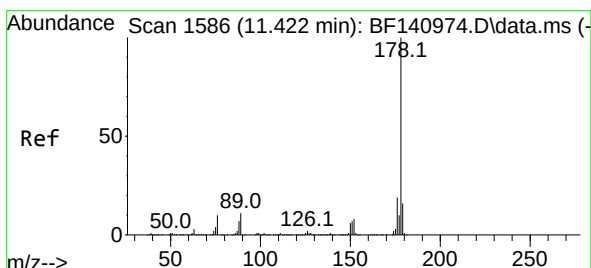
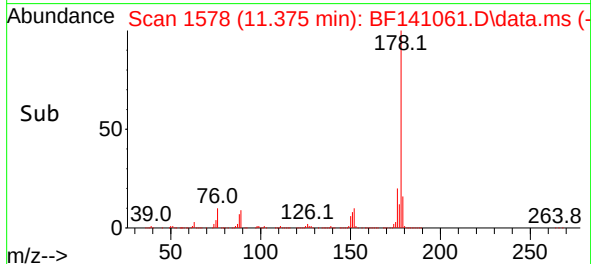
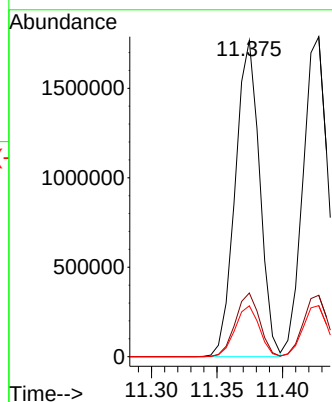
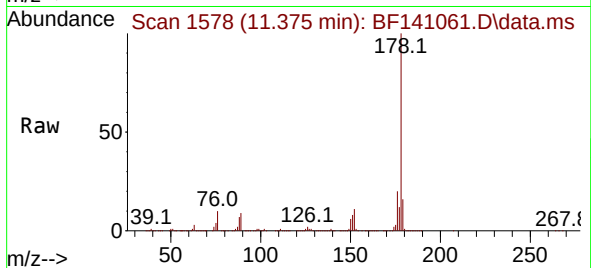




#71  
Phenanthrene  
Concen: 51.011 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

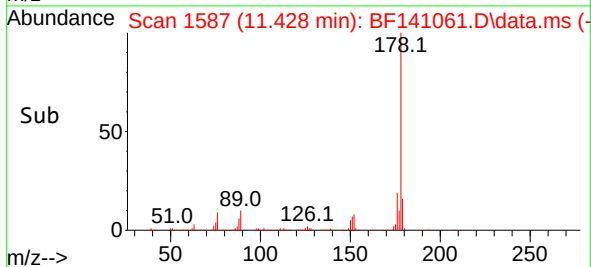
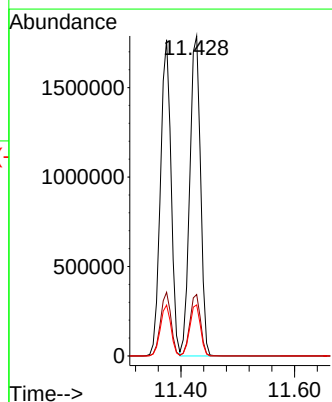
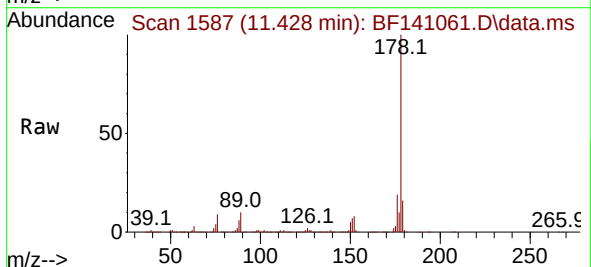
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

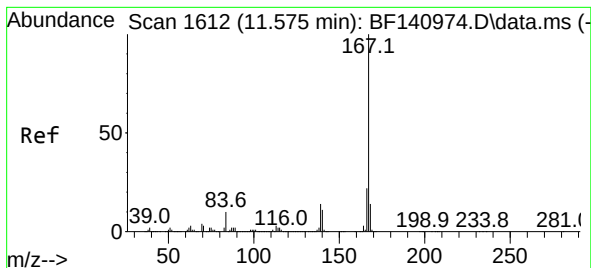
Tgt Ion:178 Resp: 2287846  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.6  
179 16.1 12.6 19.0



#72  
Anthracene  
Concen: 53.309 ng  
RT: 11.428 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:178 Resp: 2342793  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.9 12.9 19.3

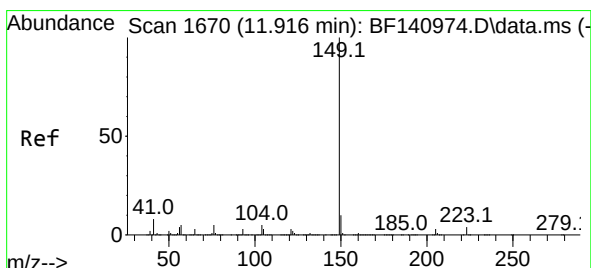
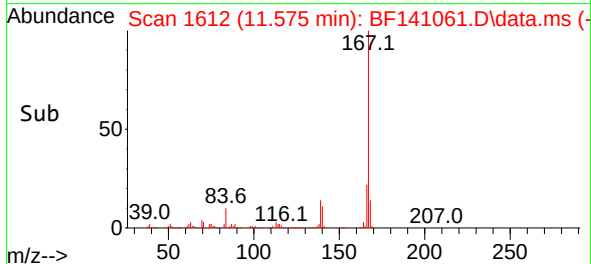
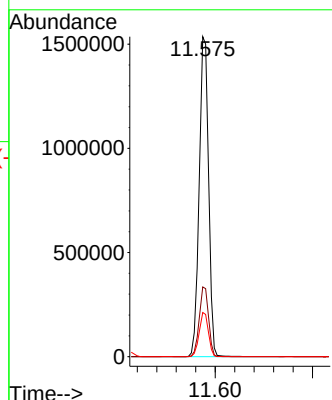
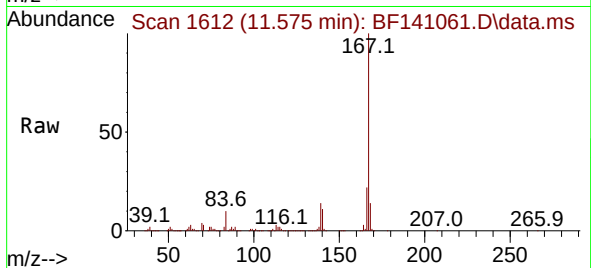




#73  
 Carbazole  
 Concen: 48.884 ng  
 RT: 11.575 min Scan# 1612  
 Delta R.T. 0.000 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

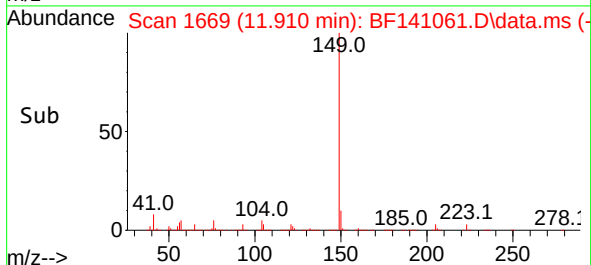
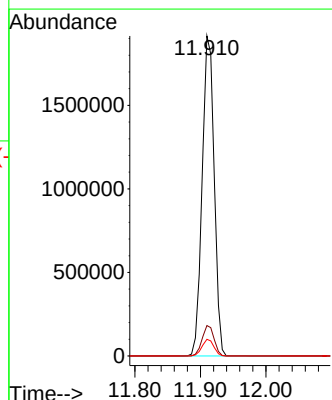
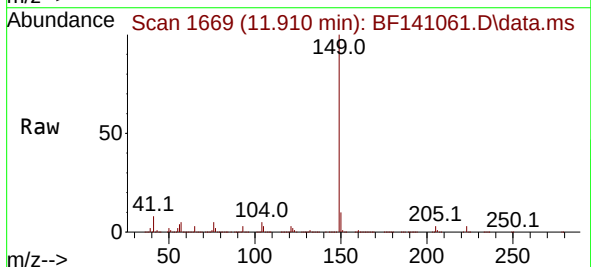
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165900BS

Tgt Ion:167 Resp: 2065212  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.5 26.3  
 139 13.8 11.0 16.4

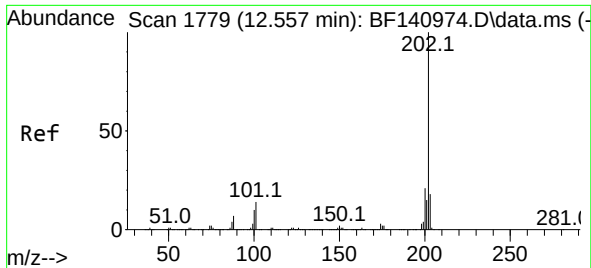


#74  
 Di-n-butylphthalate  
 Concen: 50.975 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF141061.D  
 Acq: 02 Jan 2025 11:18

Tgt Ion:149 Resp: 2449485  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.7 11.5  
 104 5.2 4.1 6.1



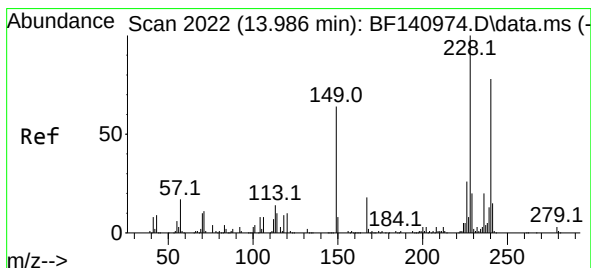
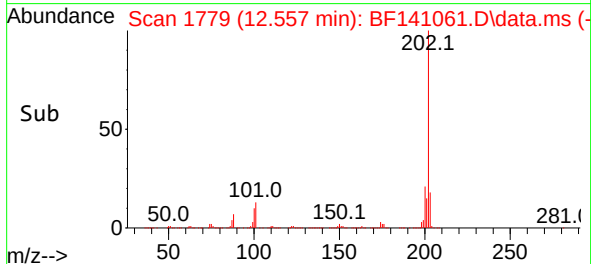
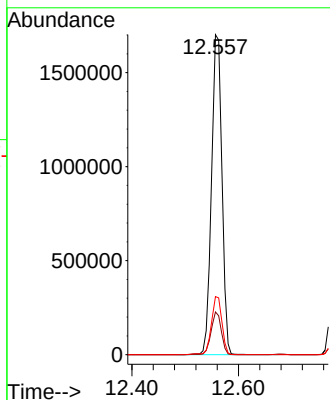
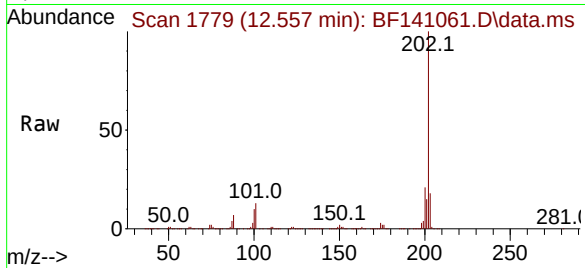




#75  
Fluoranthene  
Concen: 47.779 ng  
RT: 12.557 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

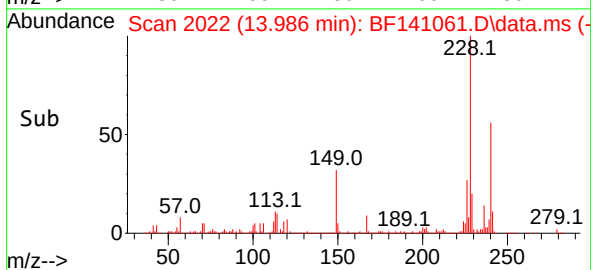
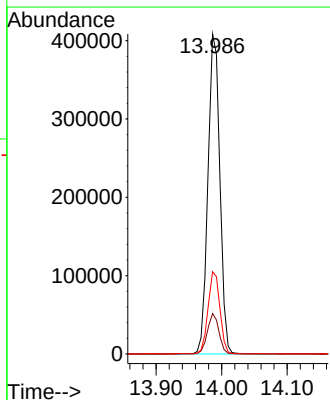
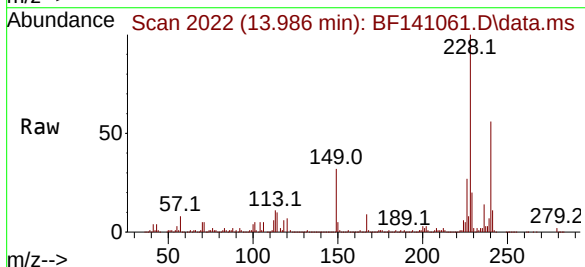
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

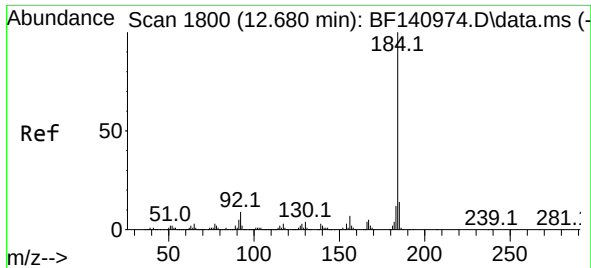
Tgt Ion:202 Resp: 2324104  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 33.7  
203 18.2 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:240 Resp: 517397  
Ion Ratio Lower Upper  
240 100  
120 12.6 10.7 16.1  
236 25.7 20.6 31.0

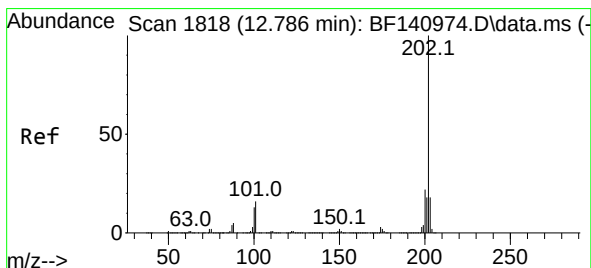
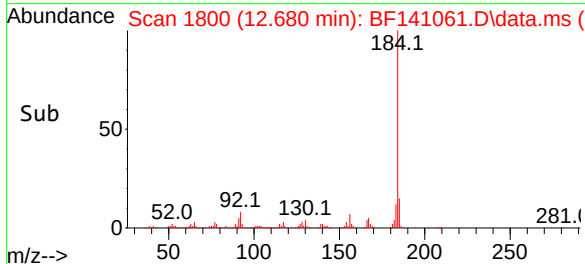
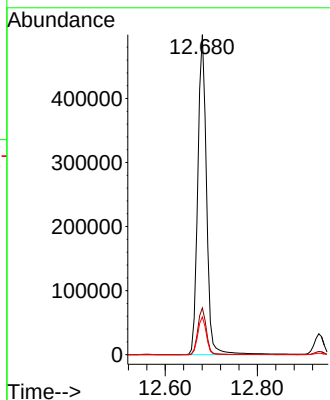
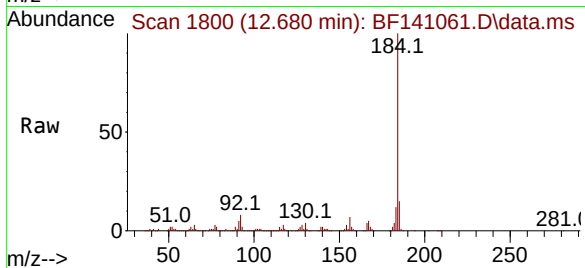




#77  
Benzidine  
Concen: 60.079 ng  
RT: 12.680 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

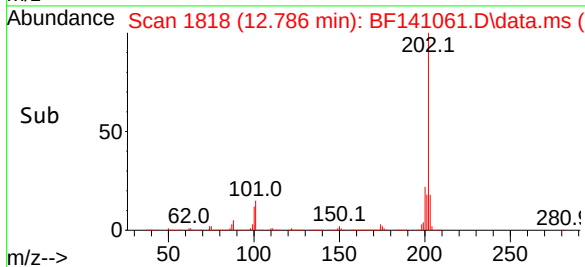
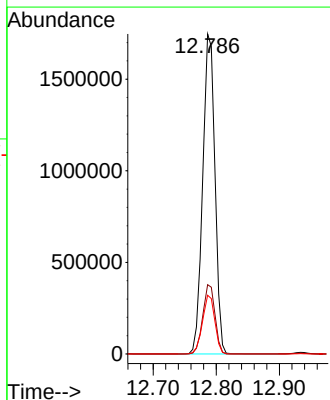
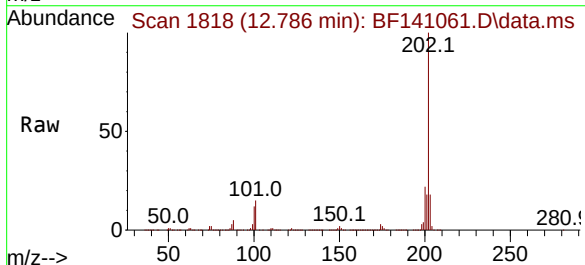
Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

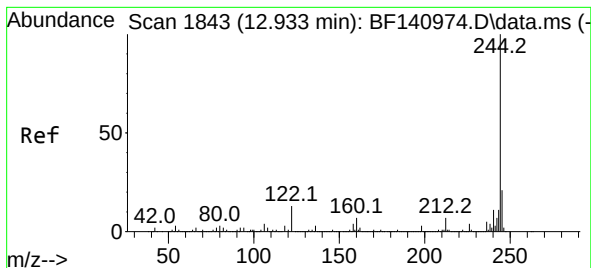
Tgt Ion:184 Resp: 656948  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.4 17.2  
183 11.8 9.4 14.0



#78  
Pyrene  
Concen: 52.070 ng  
RT: 12.786 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:202 Resp: 2356198  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.3 25.9  
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 104.919 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

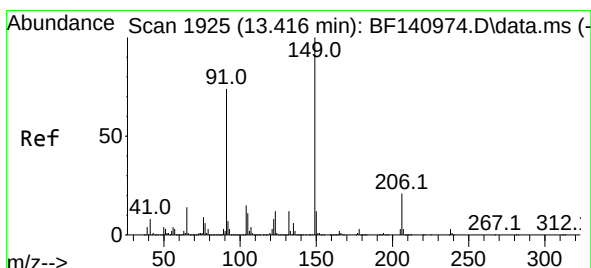
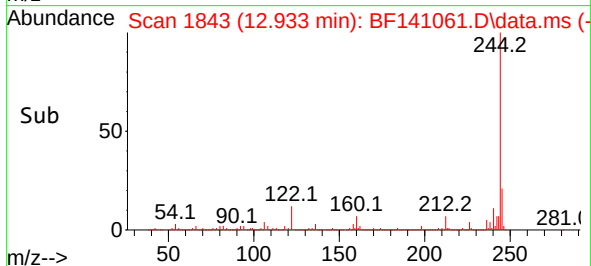
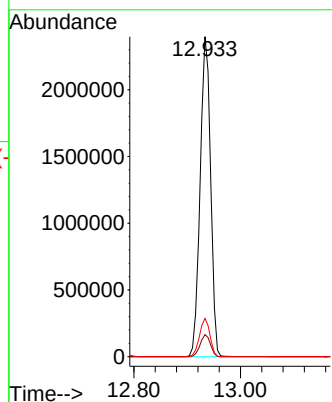
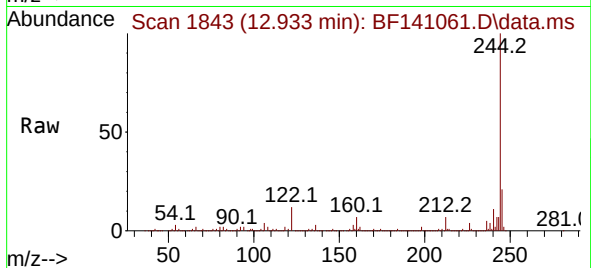
Tgt Ion:244 Resp: 3268214

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.0 10.2 15.2



#80

Butylbenzylphthalate

Concen: 53.742 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

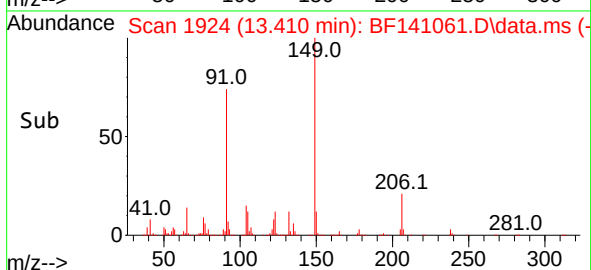
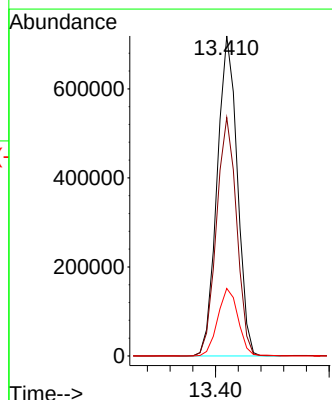
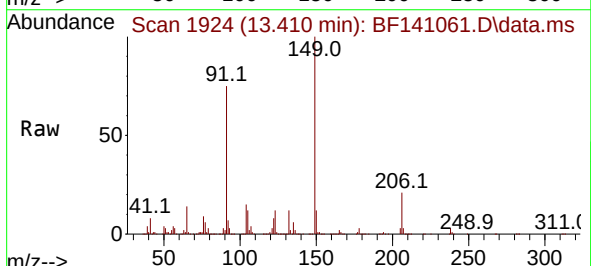
Tgt Ion:149 Resp: 887997

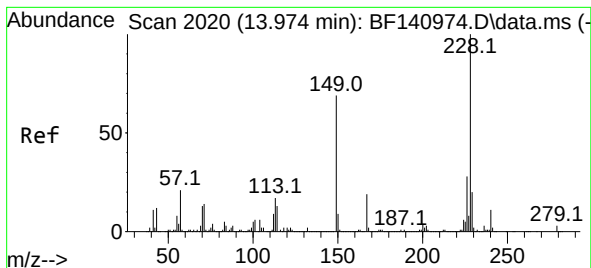
Ion Ratio Lower Upper

149 100

91 74.5 59.5 89.3

206 21.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 48.977 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

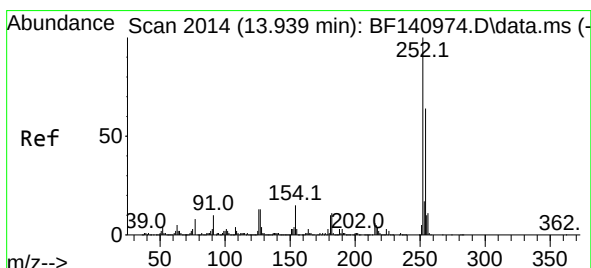
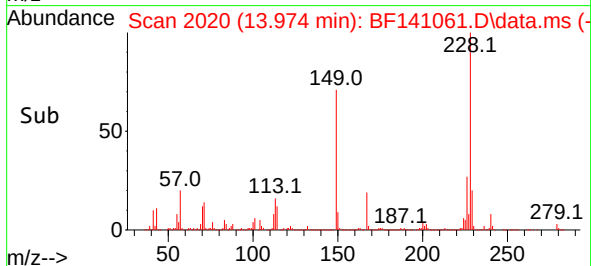
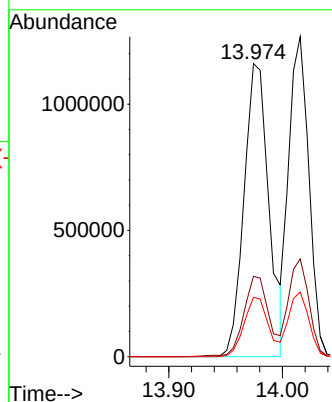
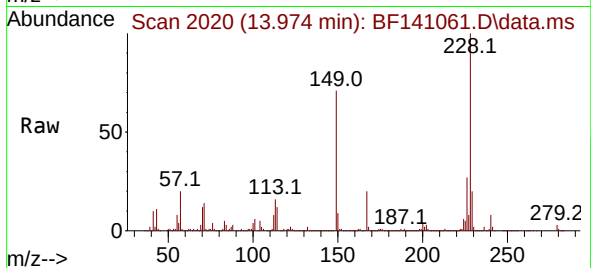
Tgt Ion:228 Resp: 1766105

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 37.313 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

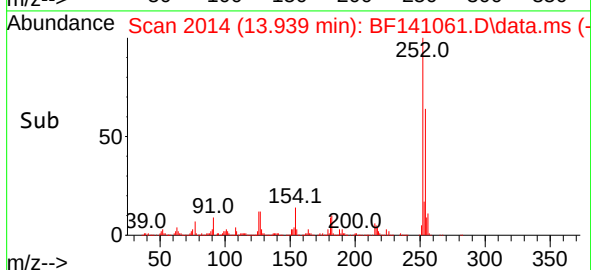
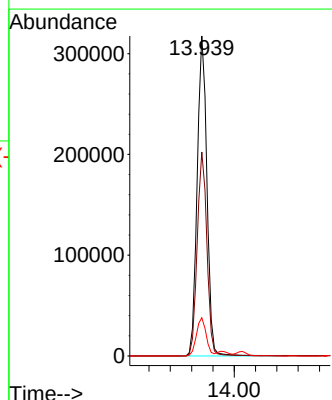
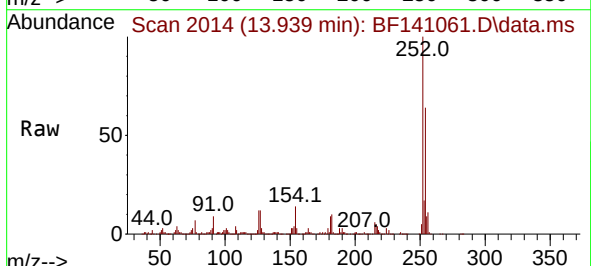
Tgt Ion:252 Resp: 404250

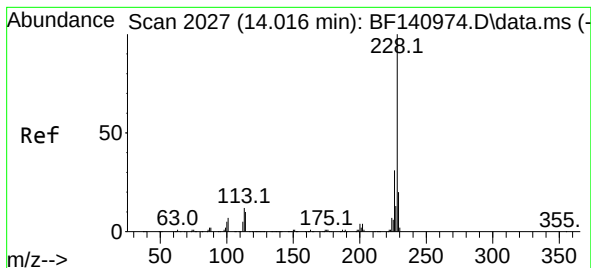
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 11.9 10.3 15.5





#83

Chrysene

Concen: 47.978 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

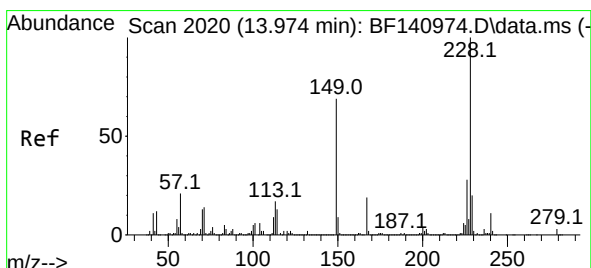
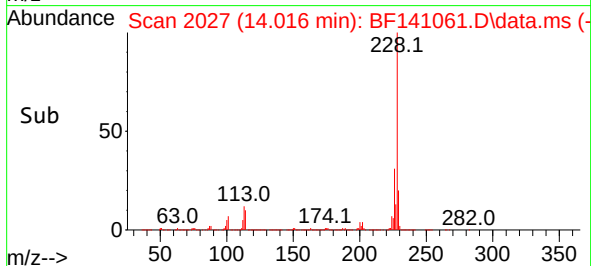
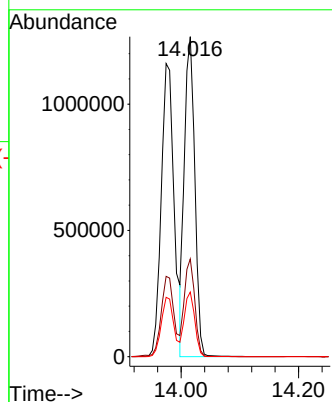
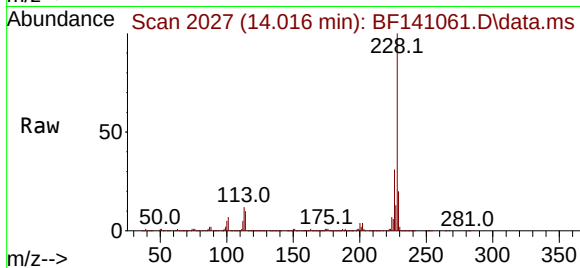
Tgt Ion:228 Resp: 1559594

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.653 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

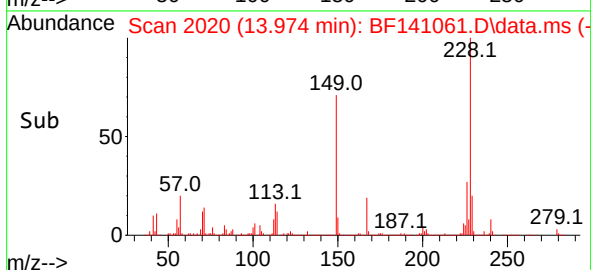
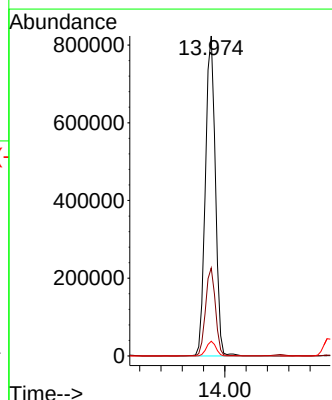
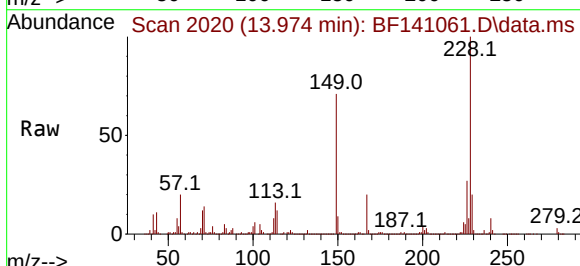
Tgt Ion:149 Resp: 1064227

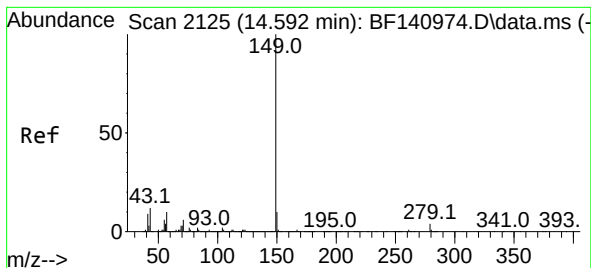
Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.617 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

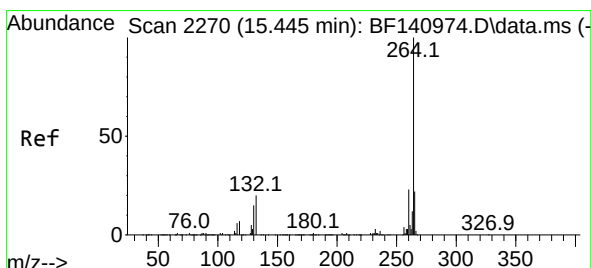
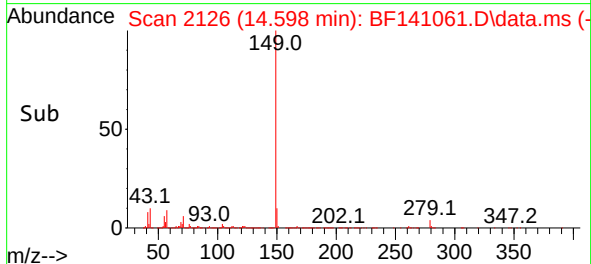
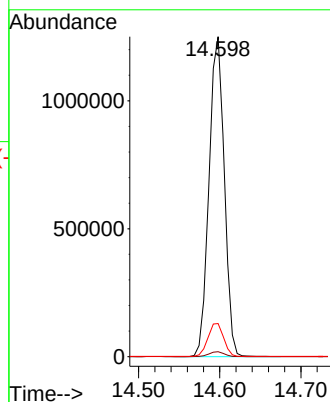
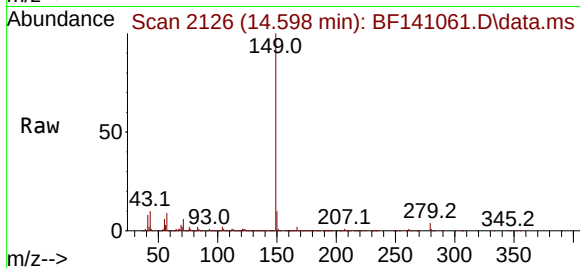
Tgt Ion:149 Resp: 1632251

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

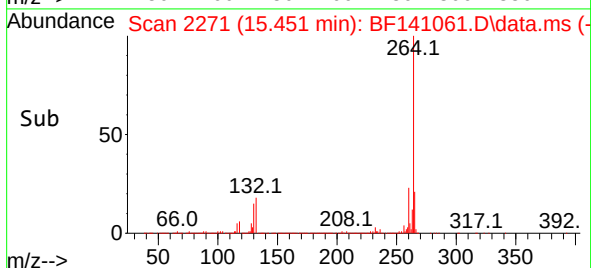
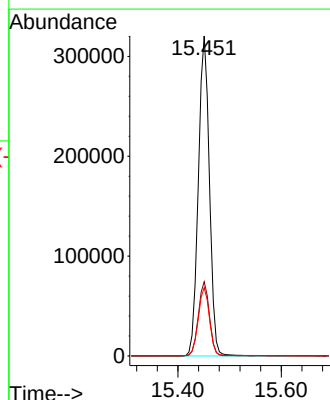
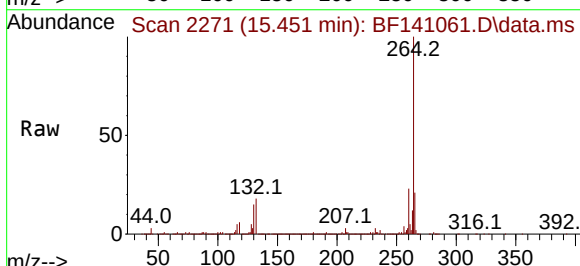
Tgt Ion:264 Resp: 476264

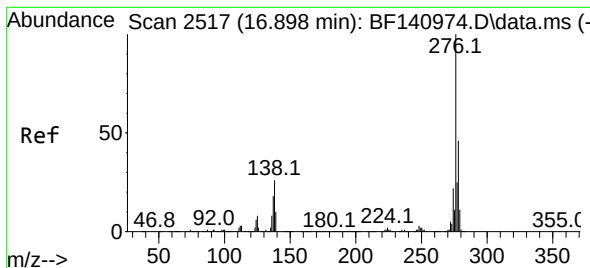
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.695 ng

RT: 16.910 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

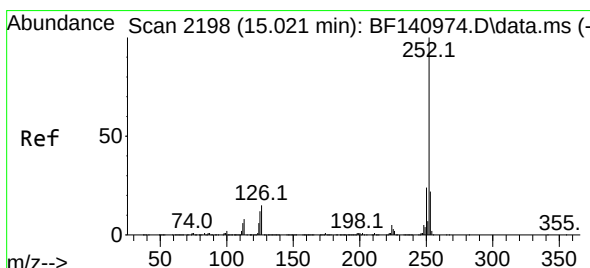
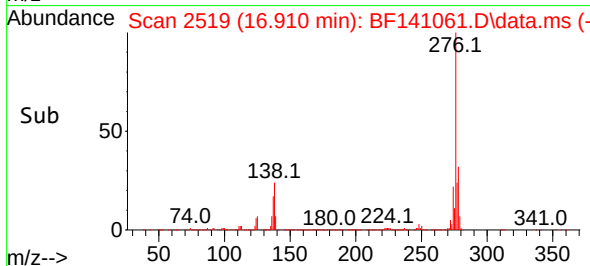
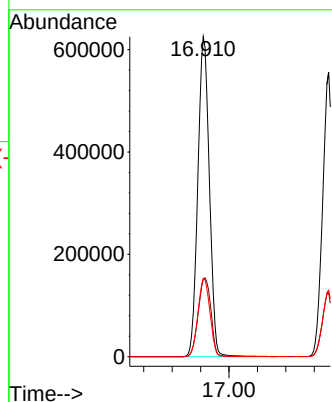
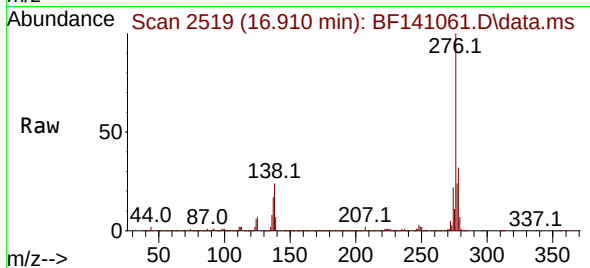
Tgt Ion:276 Resp: 1761171

Ion Ratio Lower Upper

276 100

138 26.9 23.1 34.7

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.376 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

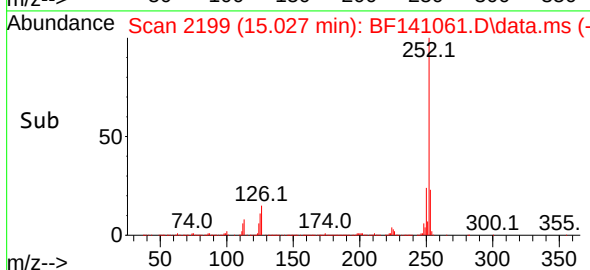
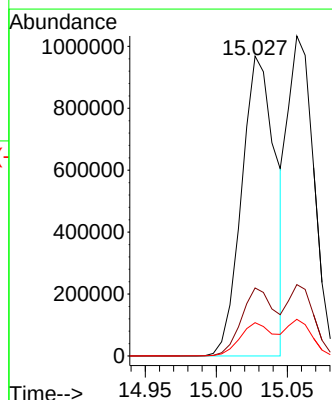
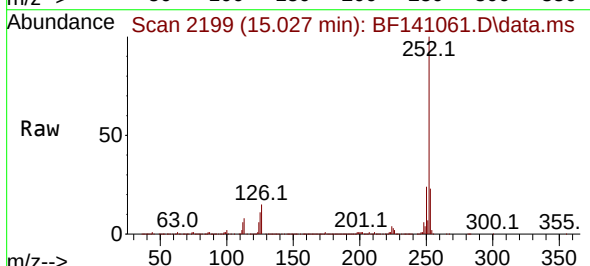
Tgt Ion:252 Resp: 1606879

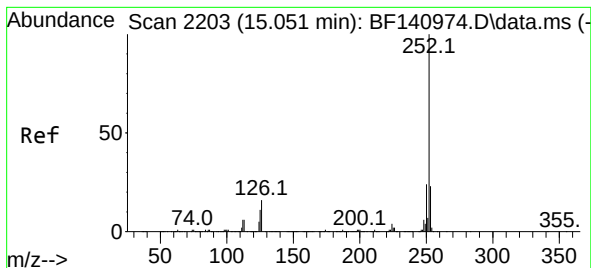
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 50.850 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

Instrument :

BNA\_F

ClientSampleId :

PB165900BS

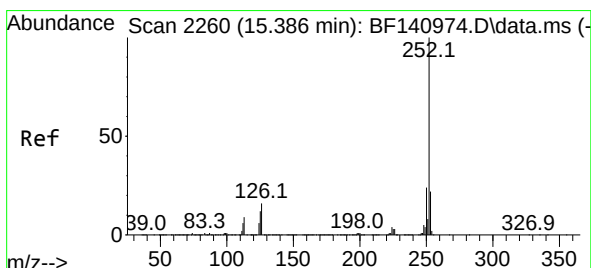
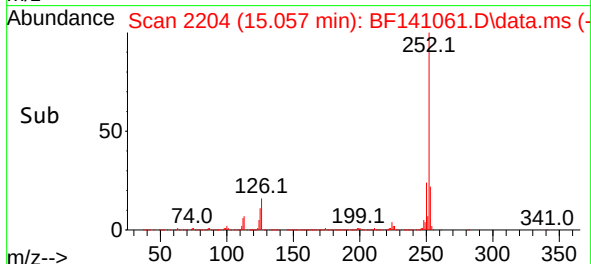
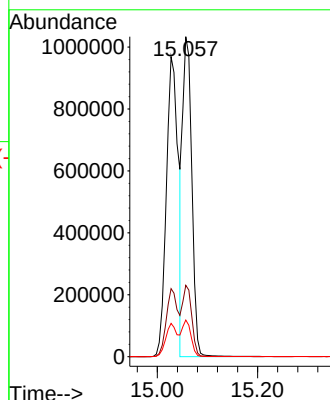
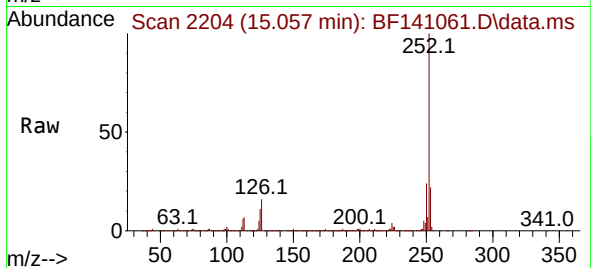
Tgt Ion:252 Resp: 1323825

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.4 9.4 14.0



#90

Benzo(a)pyrene

Concen: 54.447 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF141061.D

Acq: 02 Jan 2025 11:18

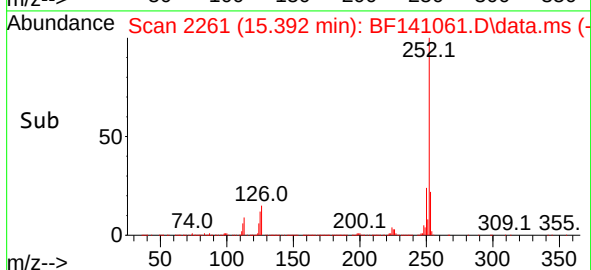
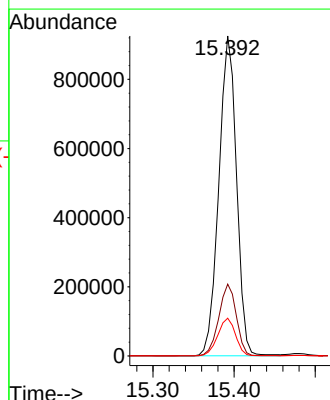
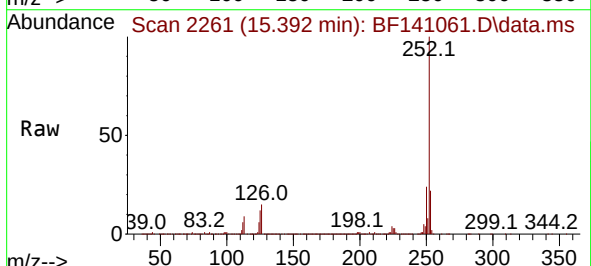
Tgt Ion:252 Resp: 1403743

Ion Ratio Lower Upper

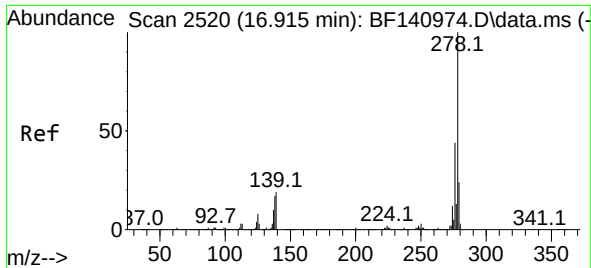
252 100

253 22.5 17.2 25.8

125 11.8 9.8 14.8



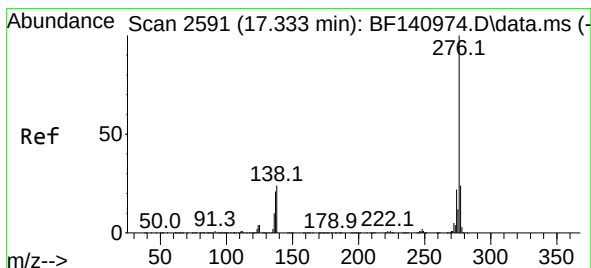
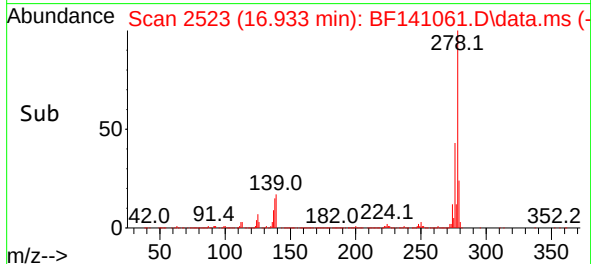
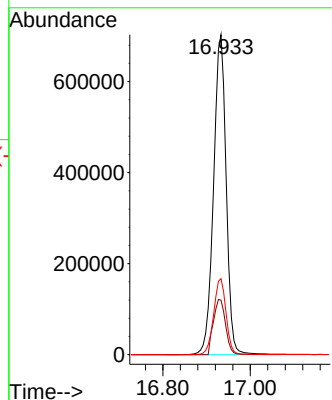
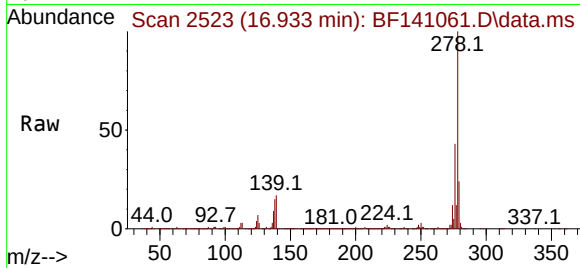




#91  
Dibenzo(a,h)anthracene  
Concen: 58.132 ng  
RT: 16.933 min Scan# 2520  
Delta R.T. 0.018 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB165900BS

Tgt Ion:278 Resp: 1413944  
Ion Ratio Lower Upper  
278 100  
139 17.1 14.9 22.3  
279 23.8 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 53.859 ng  
RT: 17.351 min Scan# 2594  
Delta R.T. 0.018 min  
Lab File: BF141061.D  
Acq: 02 Jan 2025 11:18

Tgt Ion:276 Resp: 1358718  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.4  
138 22.3 19.4 29.2

