

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121724\  
 Data File : BF140880.D  
 Acq On : 17 Dec 2024 13:01  
 Operator : RC/JU  
 Sample : P5239-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Quant Time: Dec 17 13:48:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 52137    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 197068   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 108708   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 196074   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 151657   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.510 | 264  | 157034   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 449566   | 141.947 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.504  | 99   | 558956   | 133.246 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 400984   | 101.801 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 190871   | 148.456 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 809398   | 102.366 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 881881   | 91.694  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.781  | 88   | 54515    | 39.961  | ng    | # 82     |
| 3) Pyridine                   | 3.546  | 79   | 94078    | 29.778  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 74560    | 46.815  | ng    | 99       |
| 6) Aniline                    | 6.528  | 93   | 50901    | 14.192  | ng    | # 69     |
| 8) 2-Chlorophenol             | 6.645  | 128  | 172703   | 50.004  | ng    | 99       |
| 9) Benzaldehyde               | 6.428  | 77   | 5456     | 2.347   | ng    | 97       |
| 10) Phenol                    | 6.516  | 94   | 197691   | 45.470  | ng    | 82       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 163054   | 50.289  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.793  | 146  | 174078   | 44.233  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 179265   | 44.874  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 170407   | 45.211  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 157724   | 52.586  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 199651   | 52.271  | ng    | 94       |
| 17) 2-Methylphenol            | 7.116  | 107  | 139412   | 50.559  | ng    | 97       |
| 18) Hexachloroethane          | 7.357  | 117  | 66754    | 44.887  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 125746   | 49.972  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 183971   | 50.315  | ng    | # 82     |
| 22) Acetophenone              | 7.263  | 105  | 250532   | 50.821  | ng    | 97       |
| 24) Nitrobenzene              | 7.434  | 77   | 189987   | 47.082  | ng    | 99       |
| 25) Isophorone                | 7.675  | 82   | 339384   | 51.423  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 93195    | 50.145  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 137849   | 63.511  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 208526   | 50.587  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 150856   | 50.343  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 156877   | 45.669  | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 519041   | 47.948  | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 96716    | 46.984  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 39993    | 11.124  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 104264   | 45.114  | ng    | 99       |
| 35) Caprolactam               | 8.581  | 113  | 24518    | 27.484  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 161522   | 47.892  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 353017   | 49.298  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 327118   | 46.190  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 176155   | 52.721  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 93098    | 78.480  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 107504   | 52.545  | ng    | 99       |

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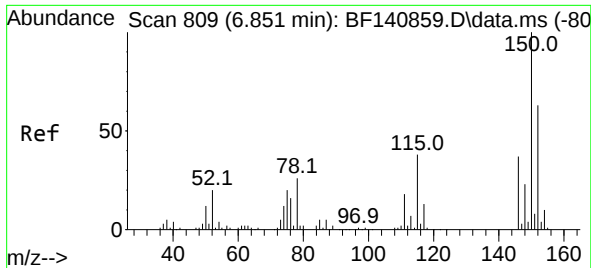
Quant Time: Dec 17 13:48:36 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 111557   | 49.608  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 451076   | 52.182  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 334882   | 50.640  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.434  | 65   | 98525    | 49.331  | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 542600   | 55.833  | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 393938   | 51.400  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 84498    | 48.227  | ng    | 95       |
| 52) Acenaphthene              | 9.916  | 154  | 329223   | 53.033  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 30700    | 17.656  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 86907    | 99.888  | ng    | 97       |
| 55) Dibenzofuran              | 10.092 | 168  | 500977   | 52.080  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 75888    | 81.075  | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 112469   | 48.787  | ng    | 97       |
| 58) Fluorene                  | 10.433 | 166  | 403603   | 50.858  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 97784    | 53.364  | ng    | 98       |
| 60) Diethylphthalate          | 10.304 | 149  | 404643   | 50.915  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 202982   | 50.919  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 71928    | 39.586  | ng    | 100      |
| 63) Azobenzene                | 10.580 | 77   | 376056   | 50.332  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 62215    | 55.996  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 318263   | 52.794  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 120607   | 54.983  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 133691   | 53.756  | ng    | 97       |
| 69) Atrazine                  | 11.069 | 200  | 64701    | 38.429  | ng    | 99       |
| 70) Pentachlorophenol         | 11.186 | 266  | 104724   | 115.174 | ng    | 98       |
| 71) Phenanthrene              | 11.398 | 178  | 547723   | 54.322  | ng    | 100      |
| 72) Anthracene                | 11.451 | 178  | 561988   | 56.597  | ng    | 99       |
| 73) Carbazole                 | 11.610 | 167  | 468880   | 48.209  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 625136   | 54.767  | ng    | 100      |
| 75) Fluoranthene              | 12.592 | 202  | 611023   | 52.619  | ng    | 99       |
| 77) Benzidine                 | 12.722 | 184  | 7932     | 2.563   | ng    | # 92     |
| 78) Pyrene                    | 12.822 | 202  | 630095   | 46.721  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 268226   | 54.053  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.010 | 228  | 601634   | 55.974  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.969 | 252  | 62764    | 19.354  | ng    | 97       |
| 83) Chrysene                  | 14.051 | 228  | 517021   | 52.898  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 389548   | 60.881  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 683147   | 70.572  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 636360   | 64.938  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 596699   | 54.741  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 531024   | 56.791  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 510229   | 59.778  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 530320   | 65.323  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 500439   | 60.566  | ng    | 100      |

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

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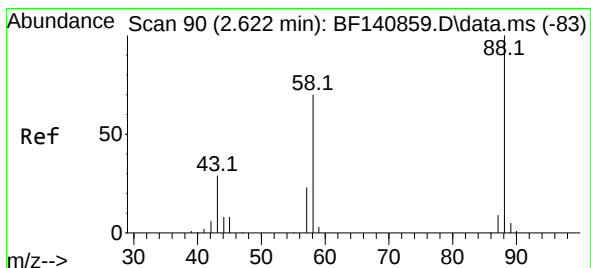
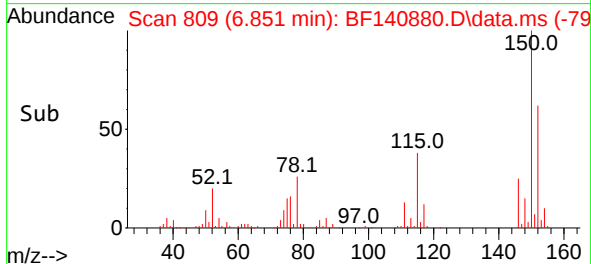
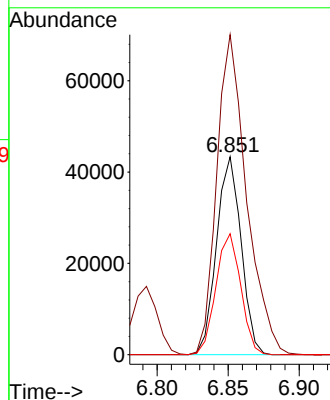
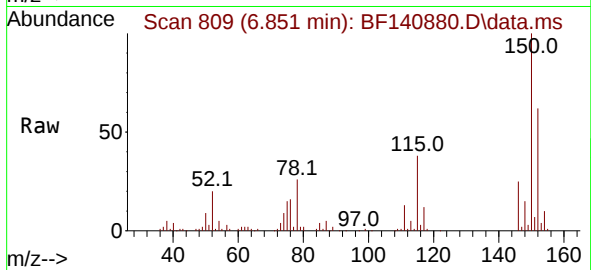




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF140880.D  
 Acq: 17 Dec 2024 13:01

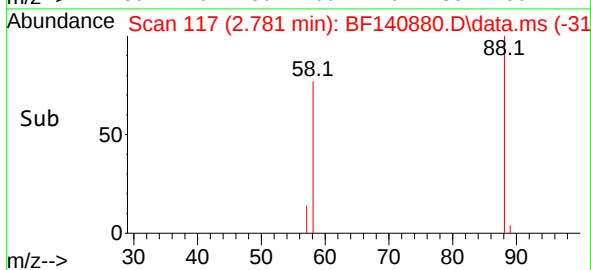
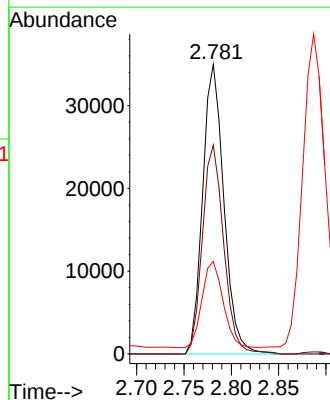
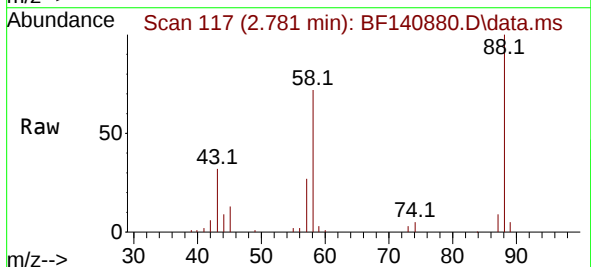
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

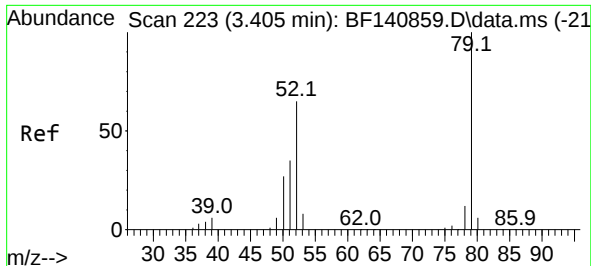
Tgt Ion:152 Resp: 52137  
 Ion Ratio Lower Upper  
 152 100  
 150 161.7 127.9 191.9  
 115 61.1 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 39.961 ng  
 RT: 2.781 min Scan# 117  
 Delta R.T. 0.159 min  
 Lab File: BF140880.D  
 Acq: 17 Dec 2024 13:01

Tgt Ion: 88 Resp: 54515  
 Ion Ratio Lower Upper  
 88 100  
 58 72.4 55.8 83.8  
 43 0.0 22.7 34.1#





#3

Pyridine

Concen: 29.778 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.141 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

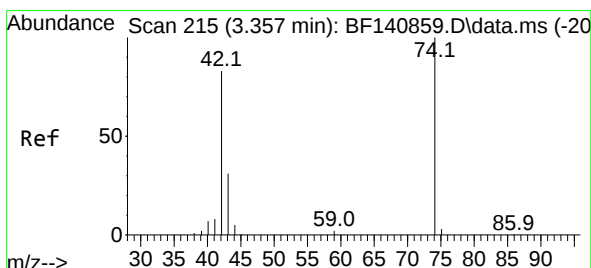
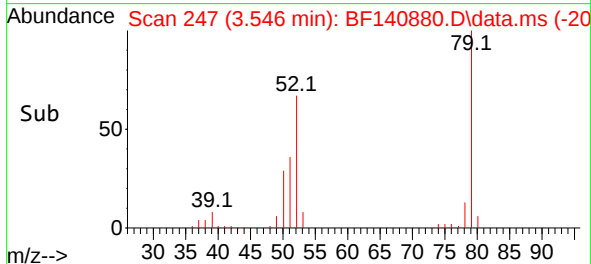
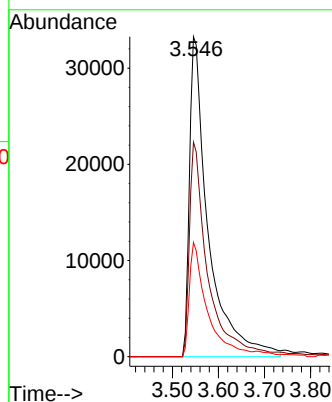
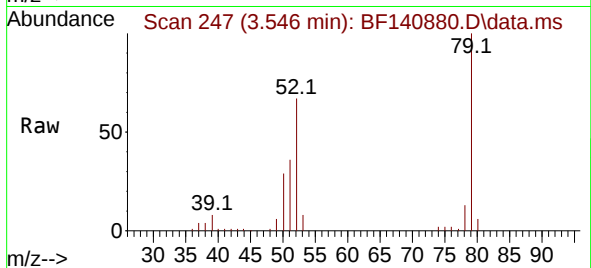
Tgt Ion: 79 Resp: 94078

Ion Ratio Lower Upper

79 100

52 67.0 51.7 77.5

51 35.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 46.815 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.094 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

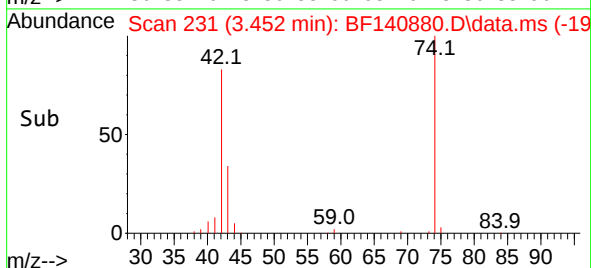
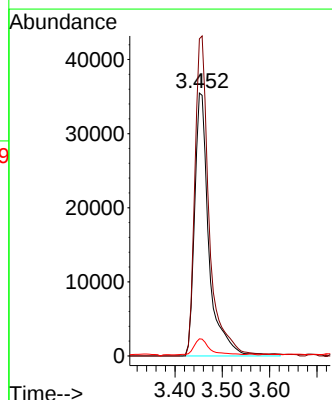
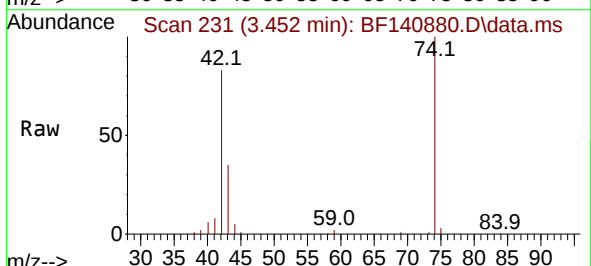
Tgt Ion: 42 Resp: 74560

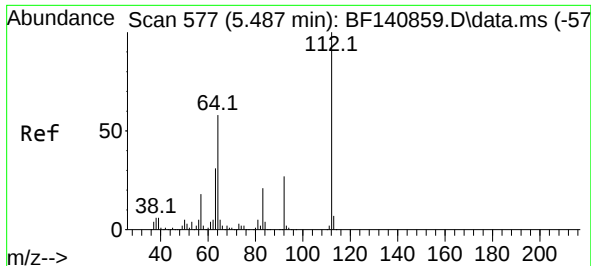
Ion Ratio Lower Upper

42 100

74 120.6 96.9 145.3

44 6.5 4.4 6.6

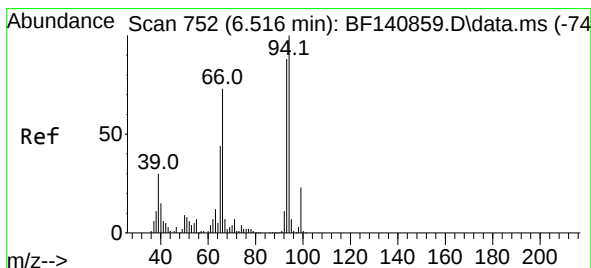
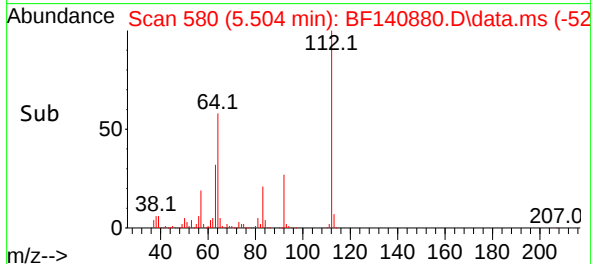
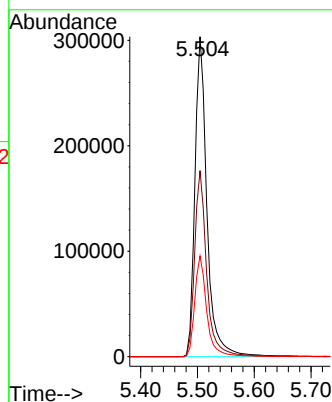
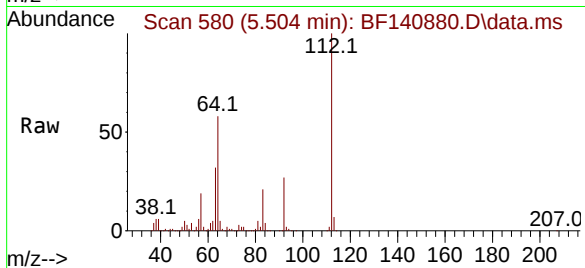




#5  
2-Fluorophenol  
Concen: 141.947 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

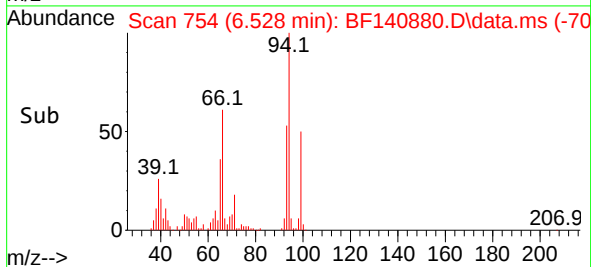
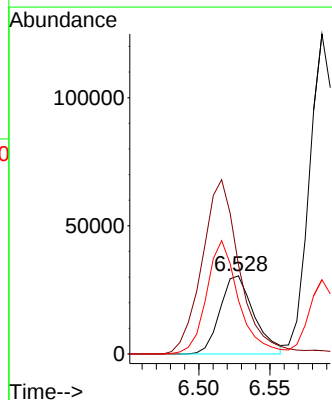
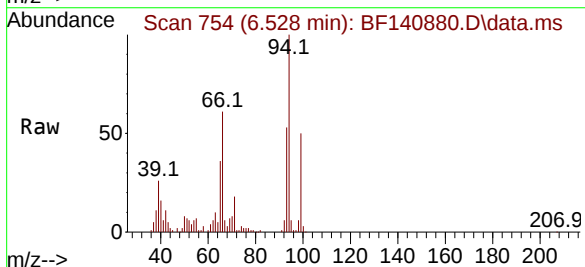
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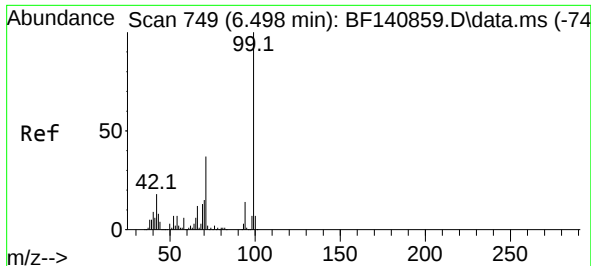
Tgt Ion:112 Resp: 449566  
Ion Ratio Lower Upper  
112 100  
64 58.2 46.1 69.1  
63 31.5 24.9 37.3



#6  
Aniline  
Concen: 14.192 ng  
RT: 6.528 min Scan# 754  
Delta R.T. 0.012 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion: 93 Resp: 50901  
Ion Ratio Lower Upper  
93 100  
66 114.5 67.0 100.4#  
65 68.8 40.4 60.6#





#7

Phenol-d6

Concen: 133.246 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

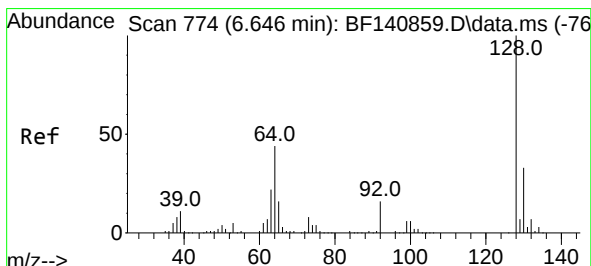
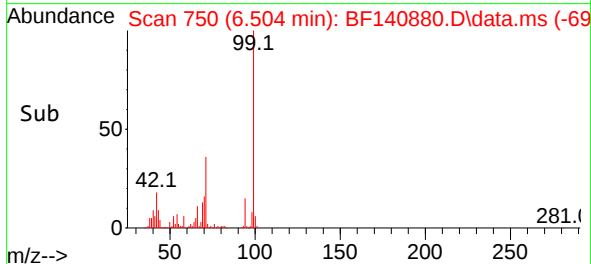
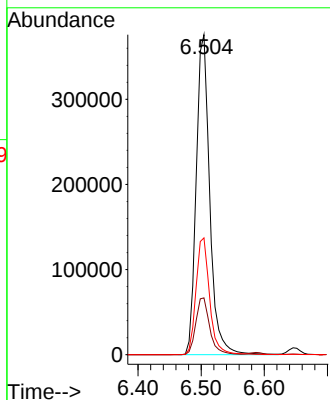
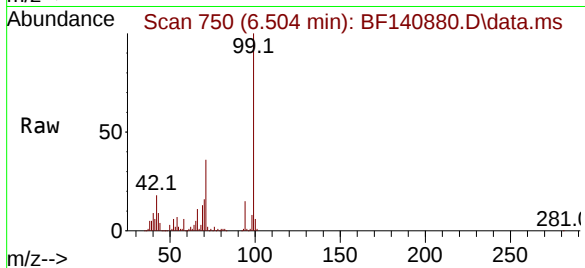
Tgt Ion: 99 Resp: 558956

Ion Ratio Lower Upper

99 100

42 17.8 14.3 21.5

71 36.5 29.9 44.9



#8

2-Chlorophenol

Concen: 50.004 ng

RT: 6.645 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

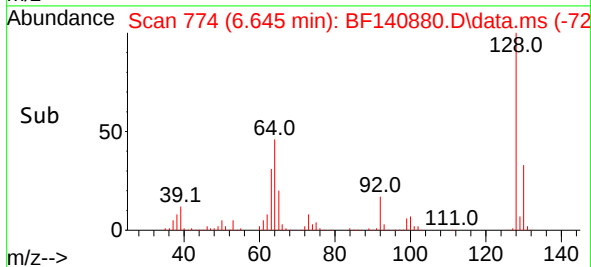
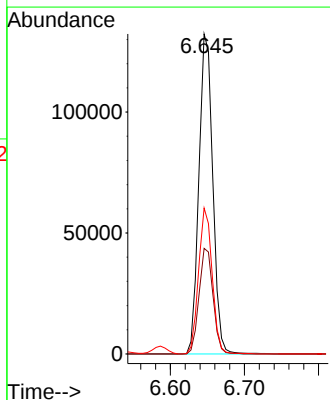
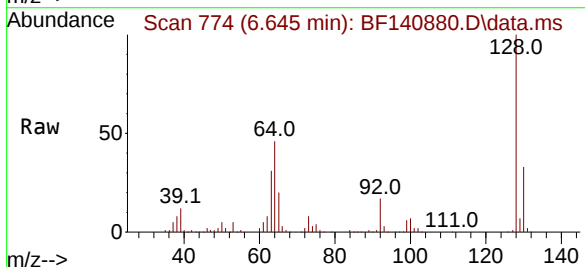
Tgt Ion:128 Resp: 172703

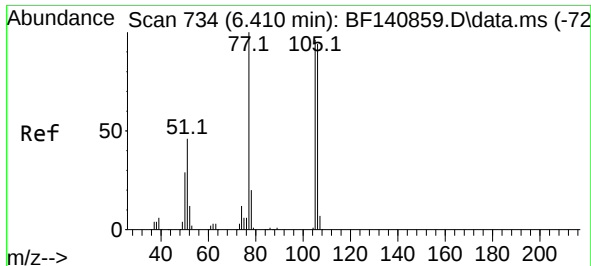
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 45.6 24.3 64.3





#9

Benzaldehyde

Concen: 2.347 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

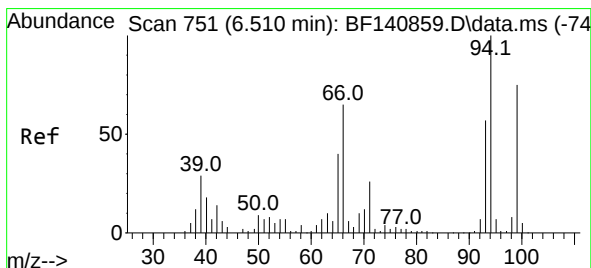
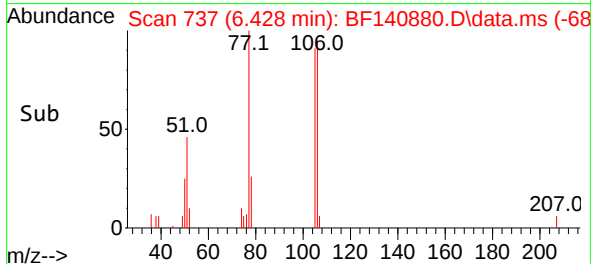
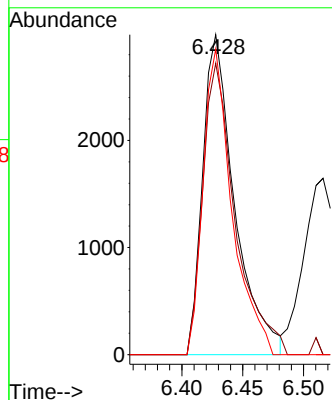
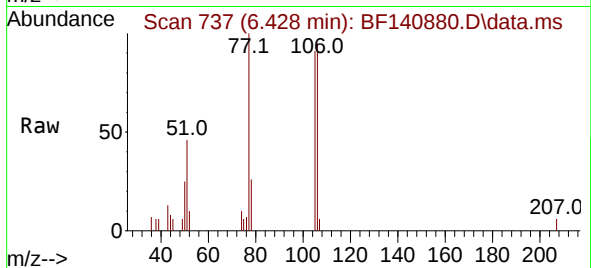
Tgt Ion: 77 Resp: 5456

Ion Ratio Lower Upper

77 100

105 91.0 75.8 115.8

106 95.5 74.1 114.1



#10

Phenol

Concen: 45.470 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

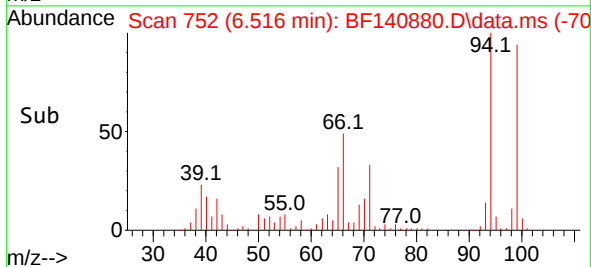
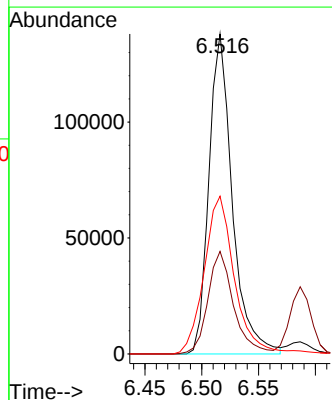
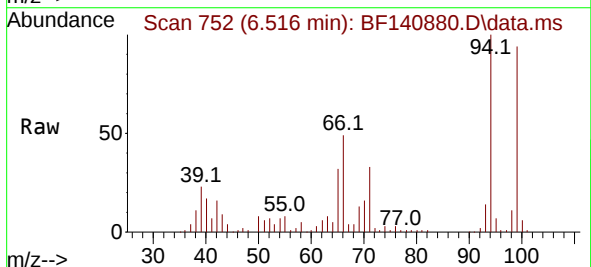
Tgt Ion: 94 Resp: 197691

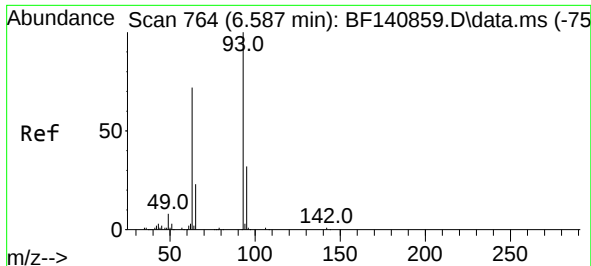
Ion Ratio Lower Upper

94 100

65 32.1 19.9 59.9

66 49.3 45.6 85.6

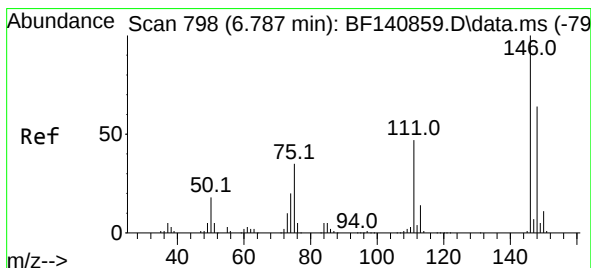
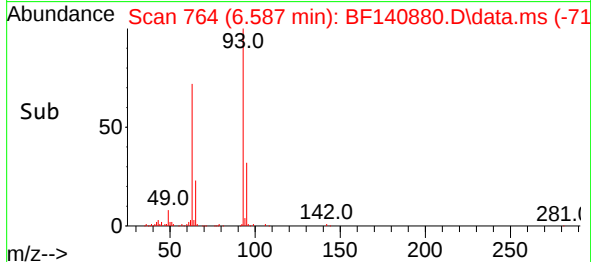
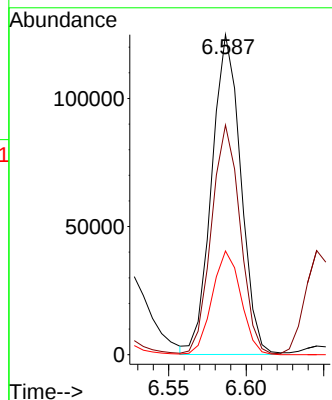
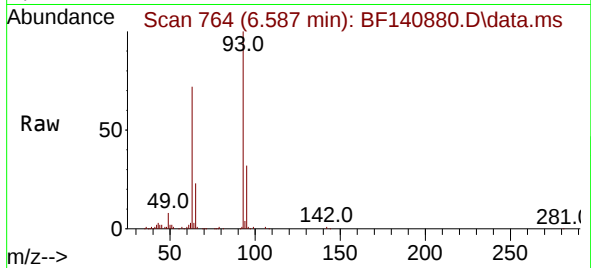




#11  
bis(2-Chloroethyl)ether  
Concen: 50.289 ng  
RT: 6.587 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

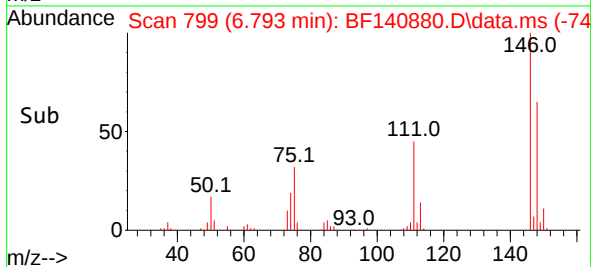
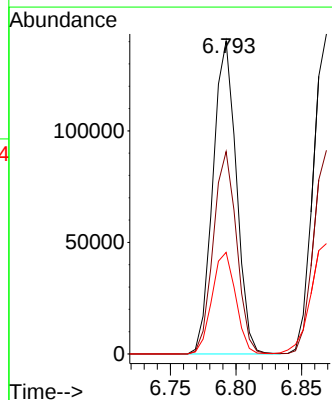
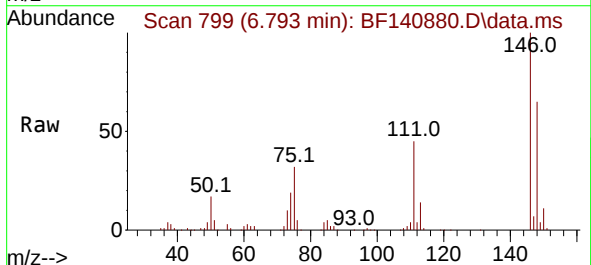
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion: 93 Resp: 163054  
Ion Ratio Lower Upper  
93 100  
63 71.8 51.0 91.0  
95 32.4 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 44.233 ng  
RT: 6.793 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:146 Resp: 174078  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.0 76.6  
75 32.5 28.1 42.1

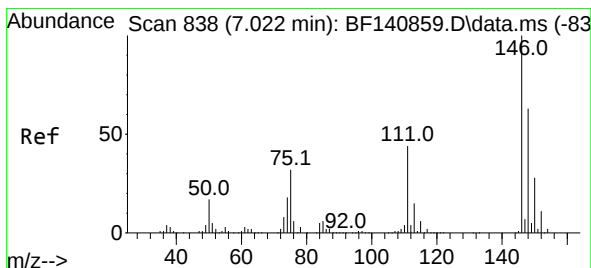
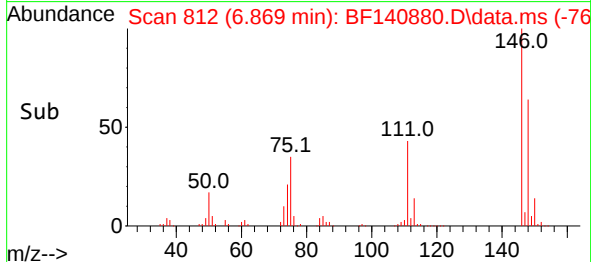
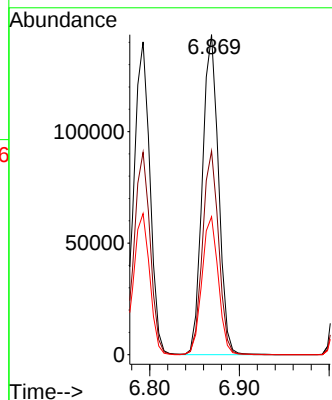
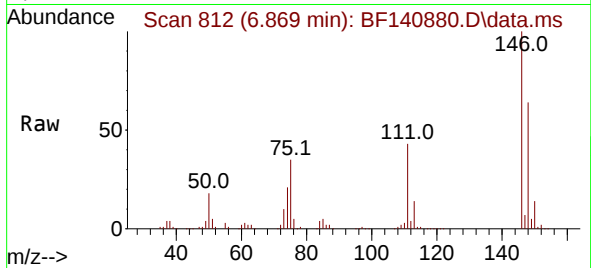




#13  
1,4-Dichlorobenzene  
Concen: 44.874 ng  
RT: 6.869 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

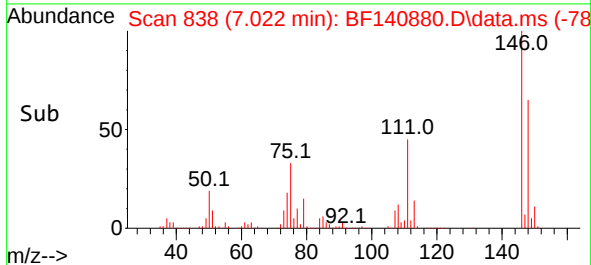
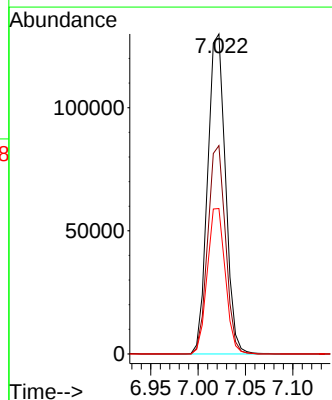
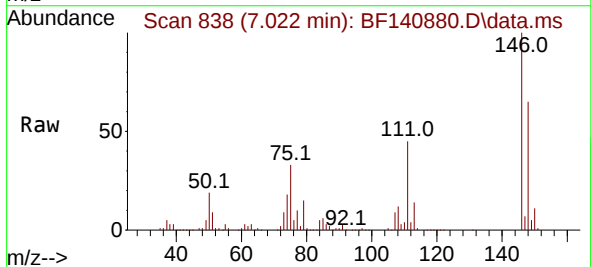
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

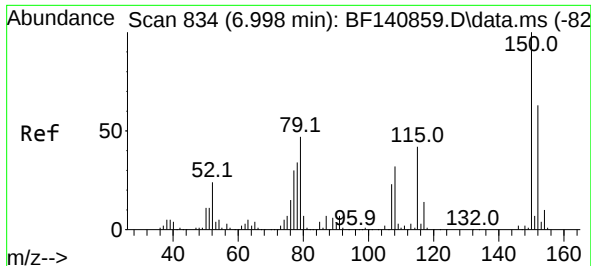
Tgt Ion:146 Resp: 179265  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.3 76.9  
111 43.1 34.4 51.6



#14  
1,2-Dichlorobenzene  
Concen: 45.211 ng  
RT: 7.022 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:146 Resp: 170407  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.0 75.0  
111 45.4 35.6 53.4

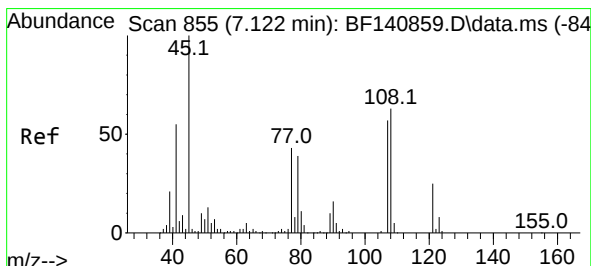
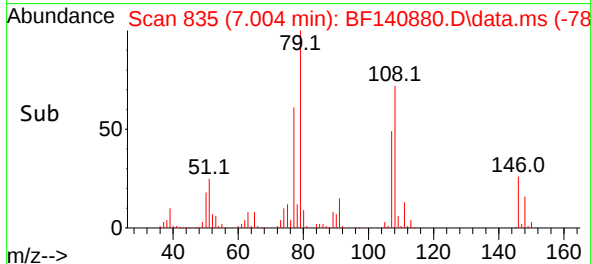
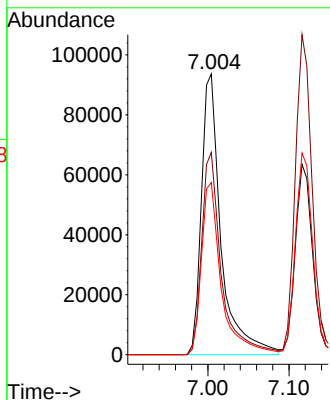
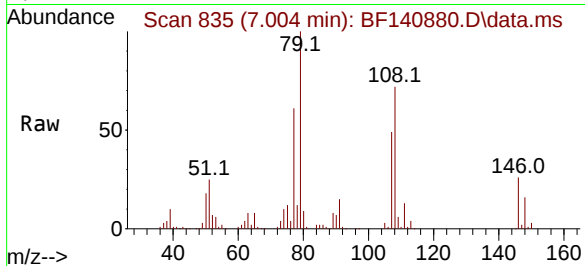




#15  
Benzyl Alcohol  
Concen: 52.586 ng  
RT: 7.004 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

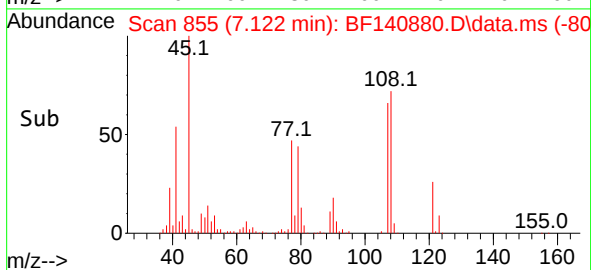
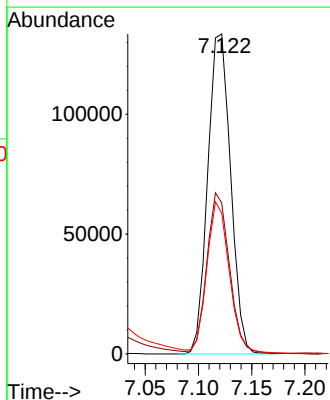
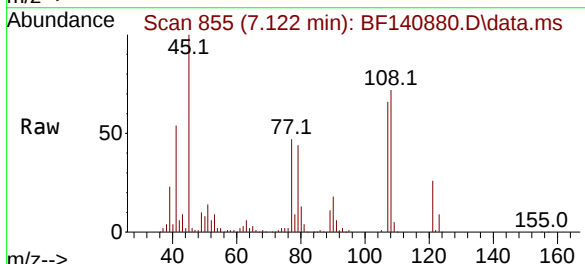
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

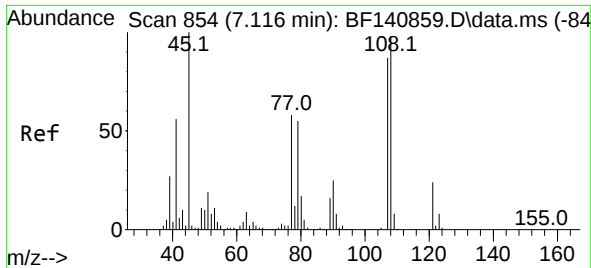
Tgt Ion: 79 Resp: 157724  
Ion Ratio Lower Upper  
79 100  
108 72.0 55.1 82.7  
77 61.3 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.271 ng  
RT: 7.122 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion: 45 Resp: 199651  
Ion Ratio Lower Upper  
45 100  
77 47.2 23.3 63.3  
79 44.0 20.0 60.0

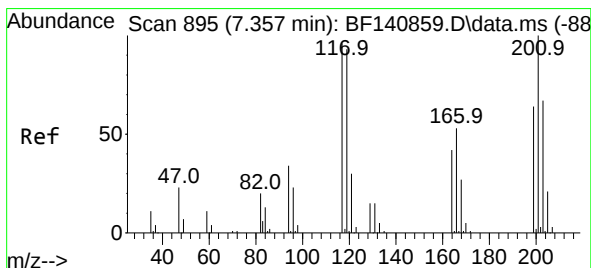
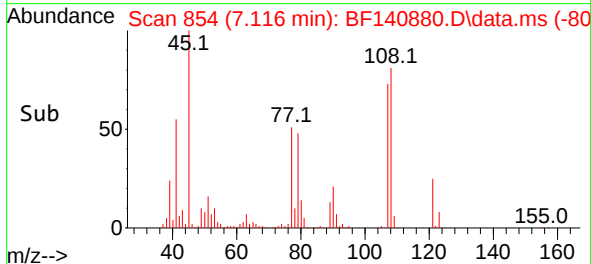
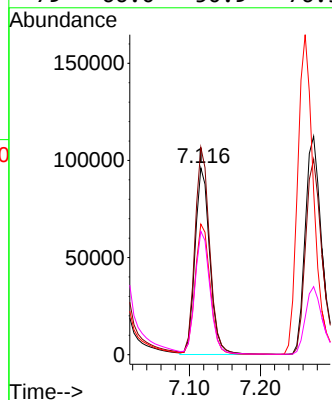
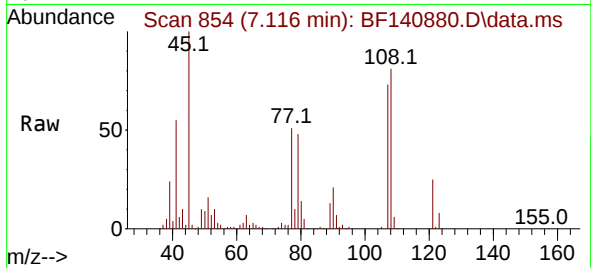




#17  
2-Methylphenol  
Concen: 50.559 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

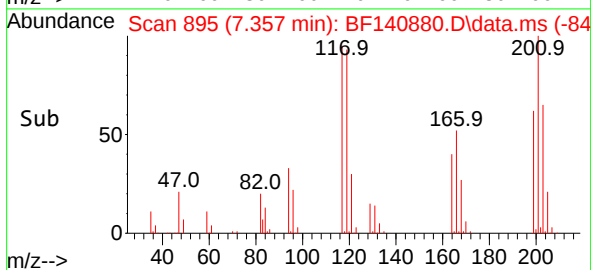
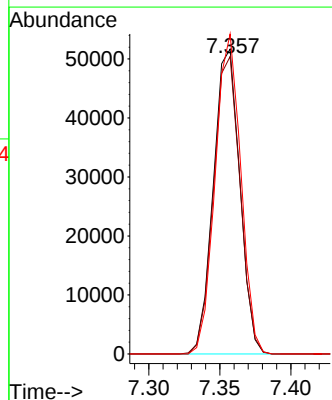
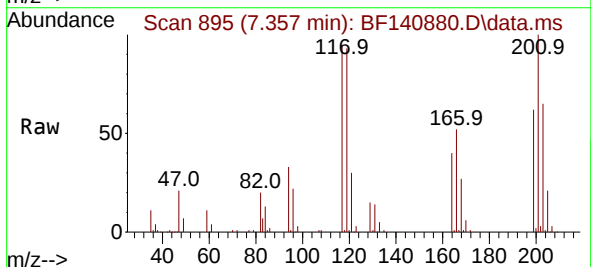
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

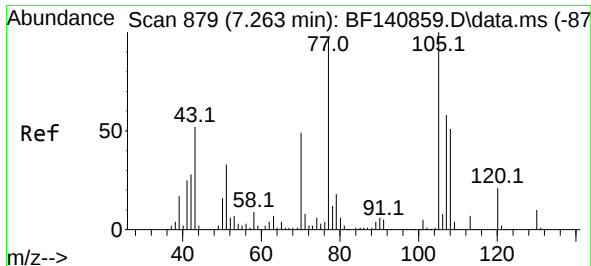
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 139412 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.9 | 90.2  | 135.4  |
| 77       | 69.9  | 53.8  | 80.6   |
| 79       | 66.0  | 50.9  | 76.3   |



#18  
Hexachloroethane  
Concen: 44.887 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66754 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.5  | 77.4  | 116.0 |
| 201      | 105.0 | 83.4  | 125.0 |





#19

n-Nitroso-di-n-propylamine

Concen: 49.972 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion: 70 Resp: 125746

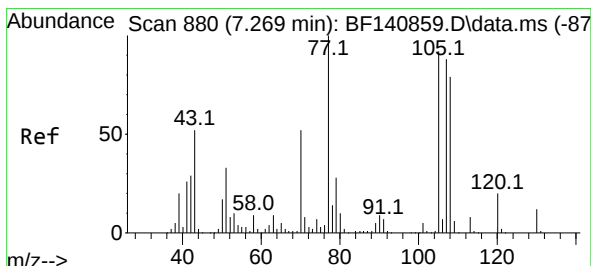
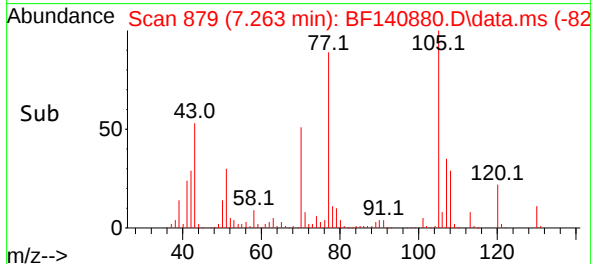
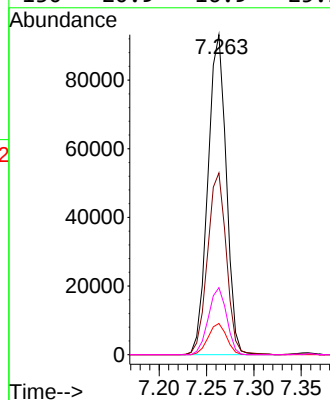
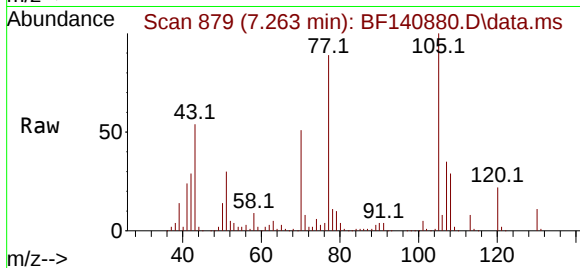
Ion Ratio Lower Upper

70 100

42 56.8 45.3 67.9

101 9.8 8.0 12.0

130 20.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 50.315 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:107 Resp: 183971

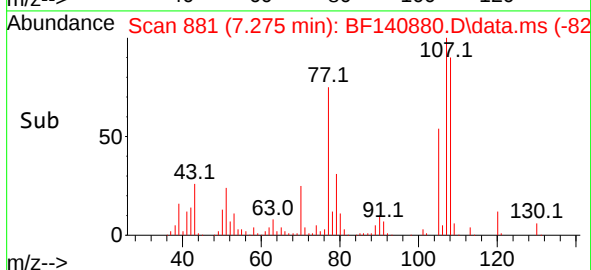
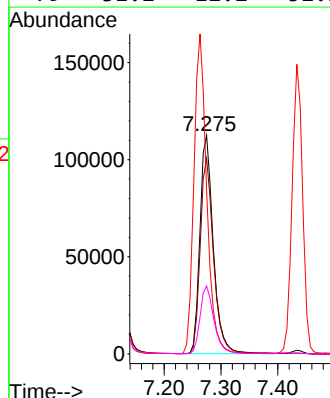
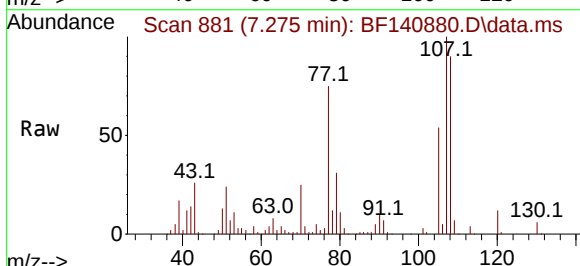
Ion Ratio Lower Upper

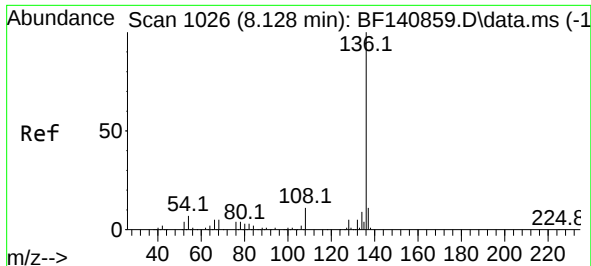
107 100

108 89.5 70.1 110.1

77 74.9 94.4 134.4#

79 31.2 12.2 52.2



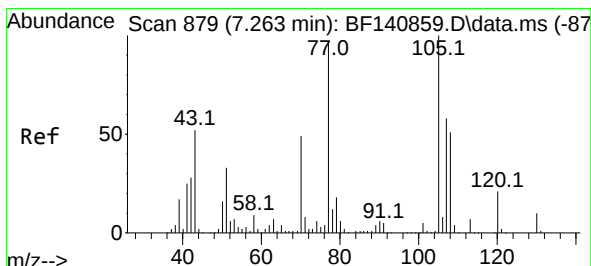
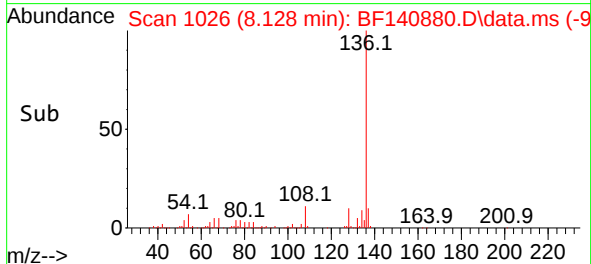
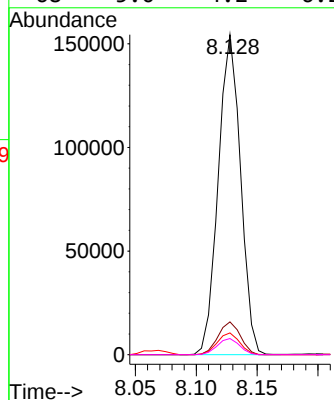
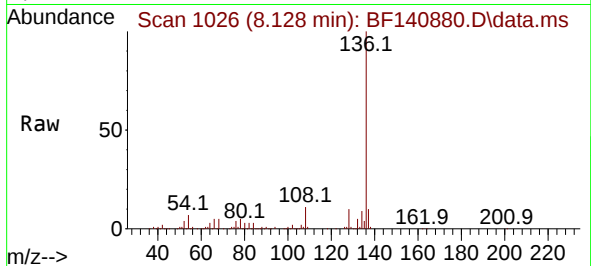


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:136 Resp: 197068

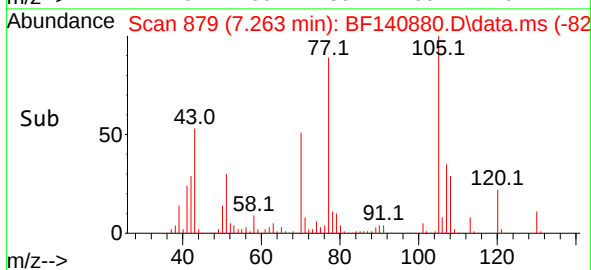
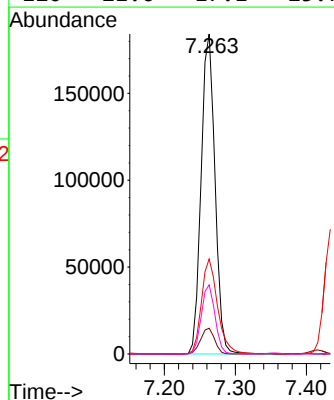
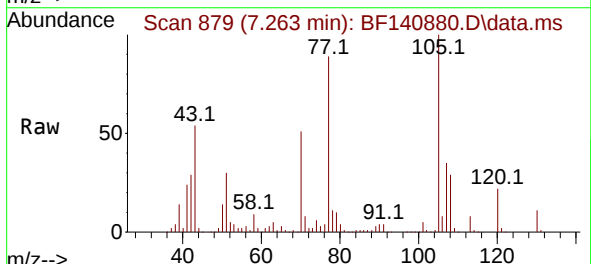
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 9.0   | 13.4  |
| 54  | 6.8   | 5.6   | 8.4   |
| 68  | 5.0   | 4.2   | 6.2   |

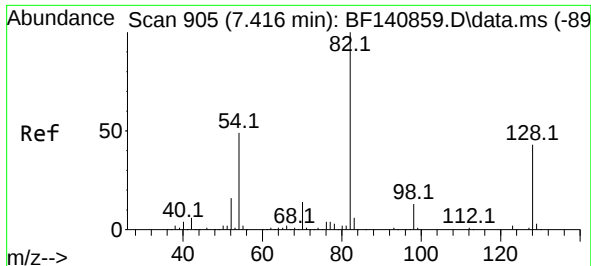


#22  
Acetophenone  
Concen: 50.821 ng  
RT: 7.263 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:105 Resp: 250532

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.1   | 6.2   | 9.4   |
| 51  | 29.7  | 26.3  | 39.5  |
| 120 | 21.6  | 17.1  | 25.7  |





#23

Nitrobenzene-d5

Concen: 101.801 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

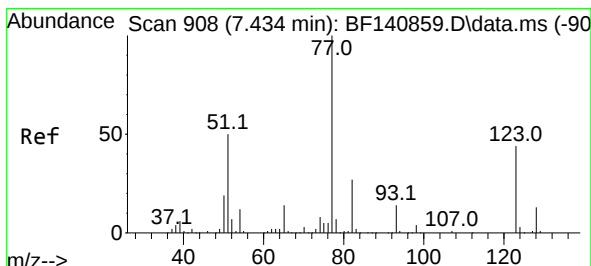
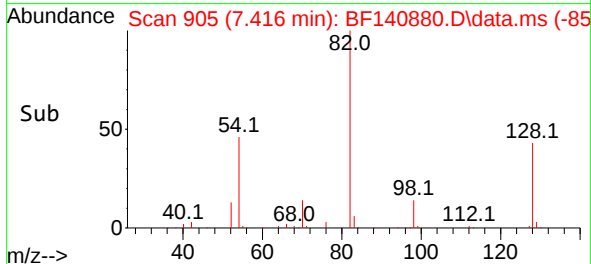
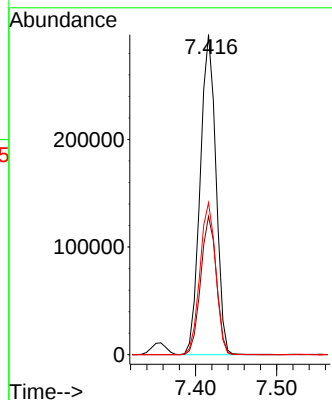
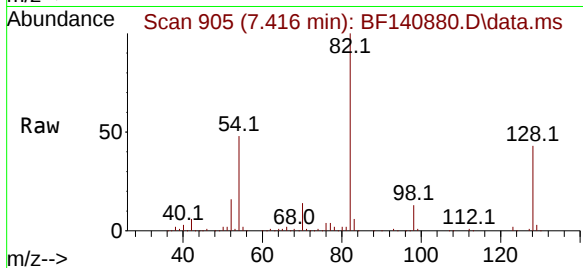
BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion: 82 Resp: 400984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 34.4  | 51.6  |
| 54  | 47.5  | 38.8  | 58.2  |



#24

Nitrobenzene

Concen: 47.082 ng

RT: 7.434 min Scan# 908

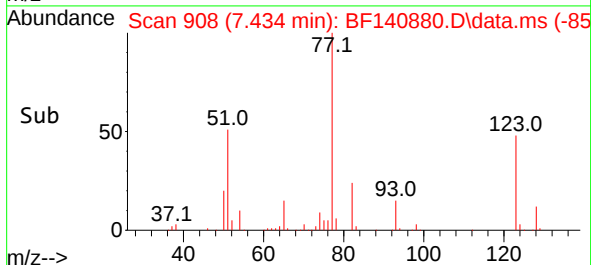
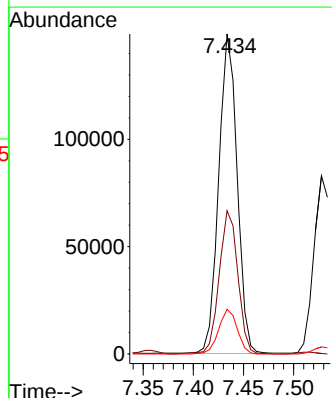
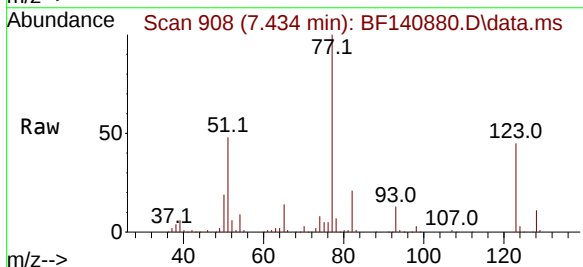
Delta R.T. -0.000 min

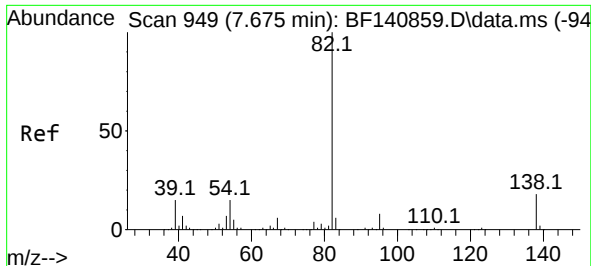
Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion: 77 Resp: 189987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.8  | 35.0  | 52.4  |
| 65  | 14.0  | 11.4  | 17.0  |

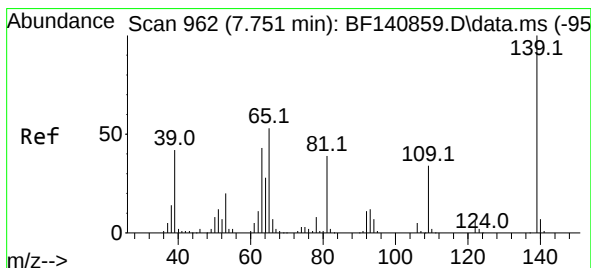
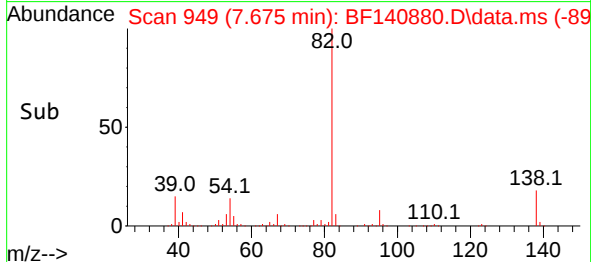
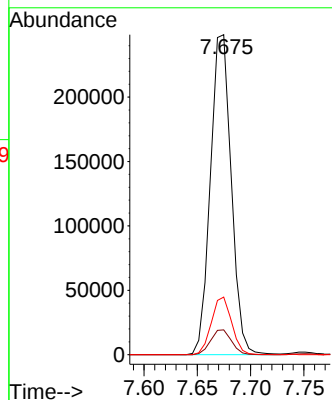
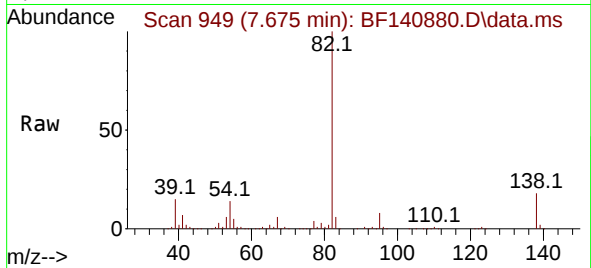




#25  
Isophorone  
Concen: 51.423 ng  
RT: 7.675 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

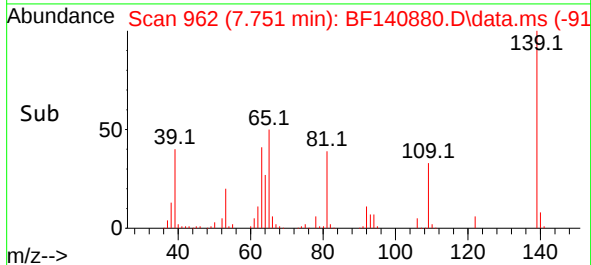
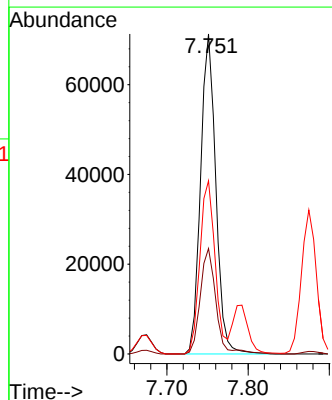
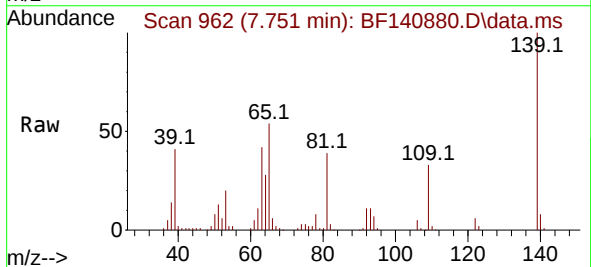
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion: 82 Resp: 339384  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.3 9.5  
138 18.0 14.1 21.1



#26  
2-Nitrophenol  
Concen: 50.145 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:139 Resp: 93195  
Ion Ratio Lower Upper  
139 100  
109 32.9 26.9 40.3  
65 54.1 42.6 64.0

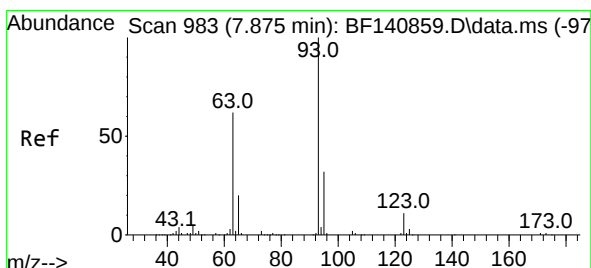
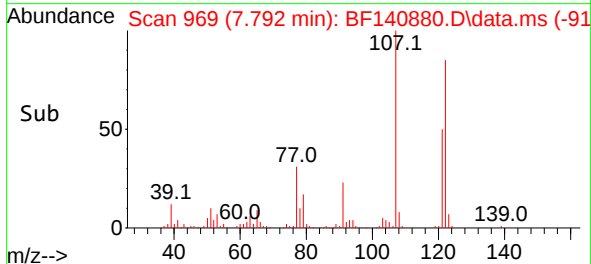
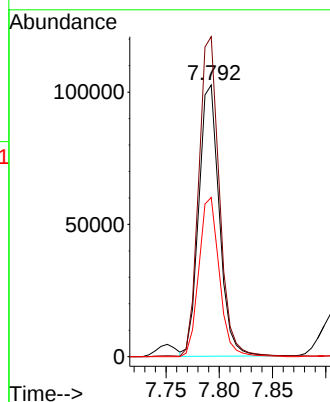
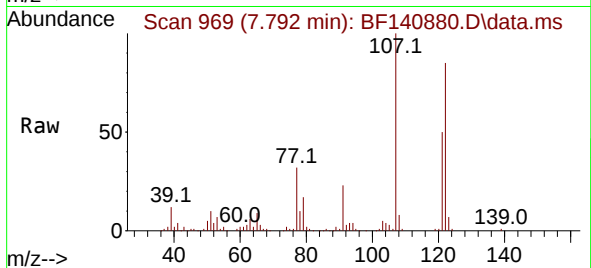




#27  
2,4-Dimethylphenol  
Concen: 63.511 ng  
RT: 7.792 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

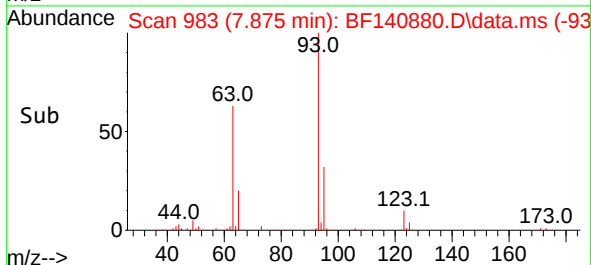
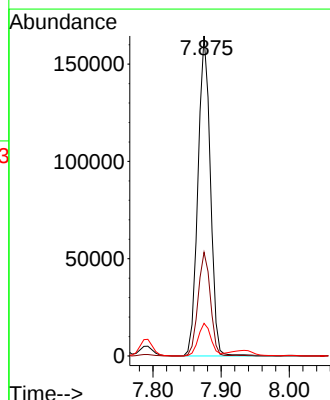
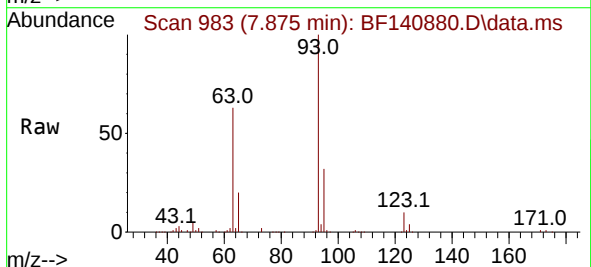
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

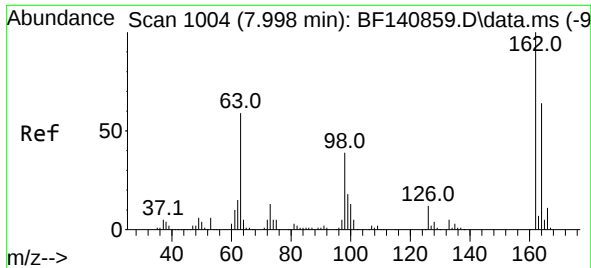
Tgt Ion:122 Resp: 137849  
Ion Ratio Lower Upper  
122 100  
107 117.8 92.6 139.0  
121 58.6 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 50.587 ng  
RT: 7.875 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion: 93 Resp: 208526  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.3 37.9  
123 10.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 50.343 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

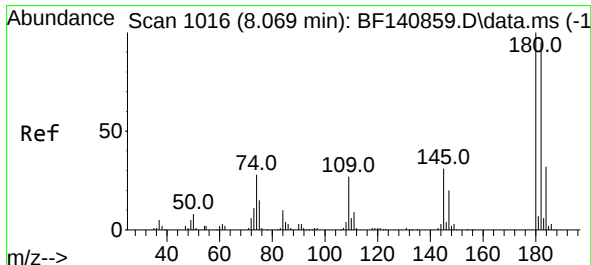
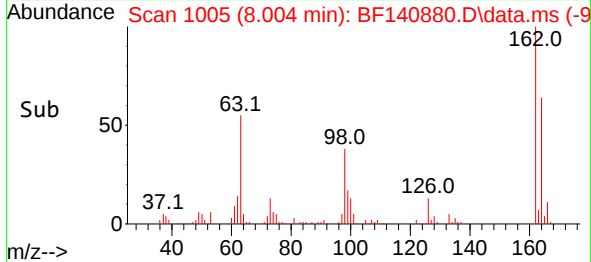
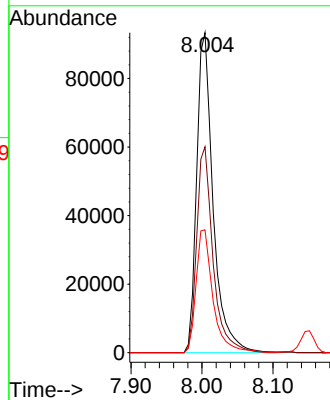
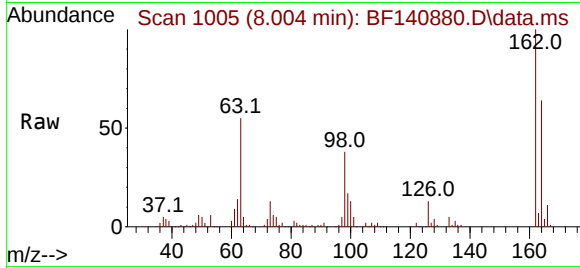
Tgt Ion:162 Resp: 150856

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

98 38.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.669 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

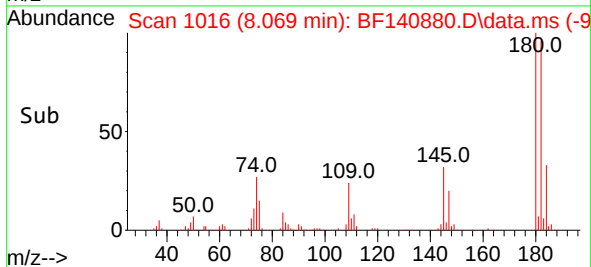
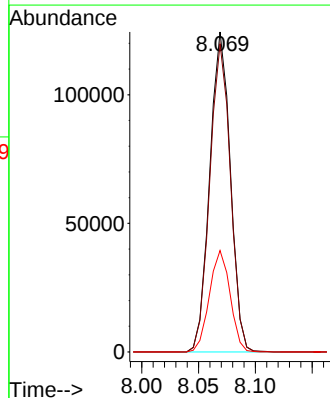
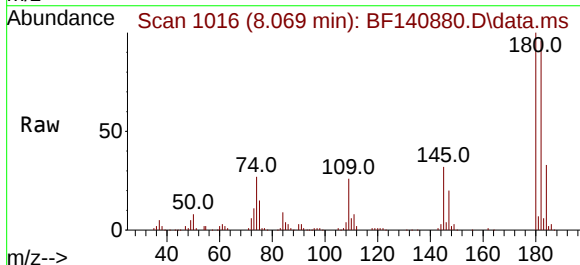
Tgt Ion:180 Resp: 156877

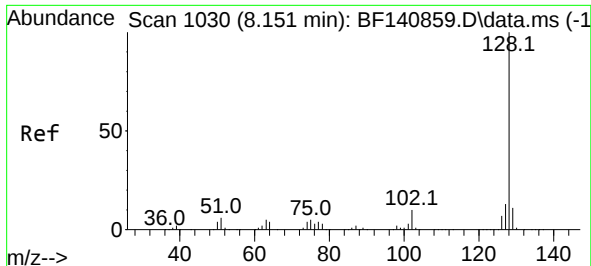
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

145 31.7 25.2 37.8

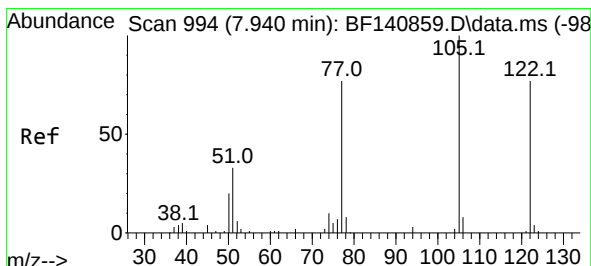
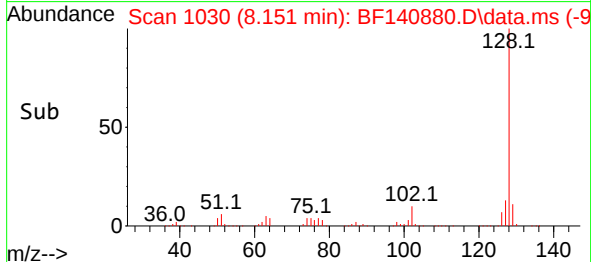
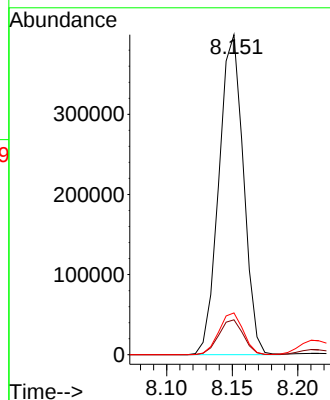
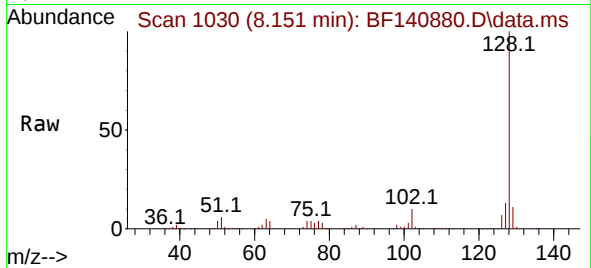




#31  
Naphthalene  
Concen: 47.948 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

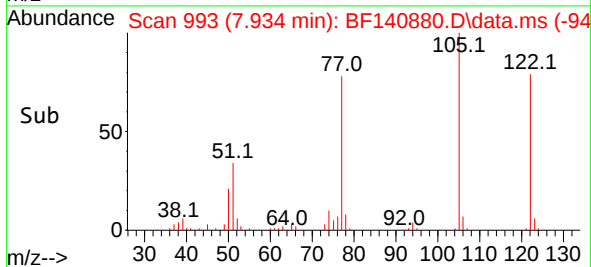
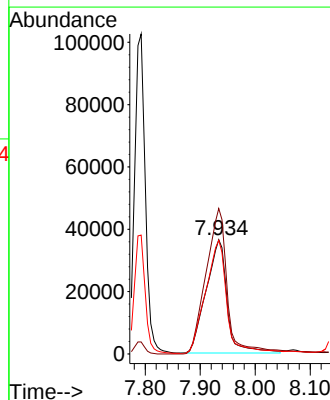
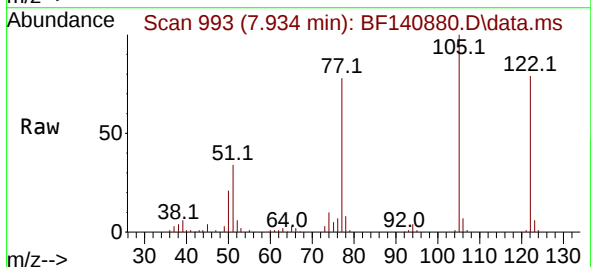
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

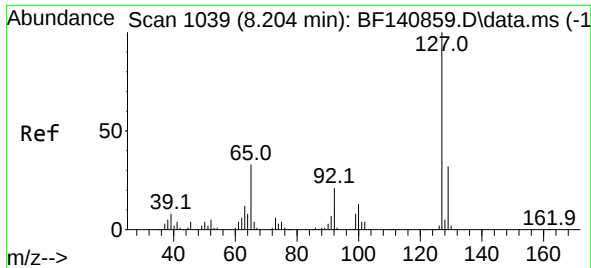
Tgt Ion:128 Resp: 519041  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.1 10.6 16.0



#32  
Benzoic acid  
Concen: 46.984 ng  
RT: 7.934 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:122 Resp: 96716  
Ion Ratio Lower Upper  
122 100  
105 127.4 108.3 148.3  
77 99.6 78.8 118.8

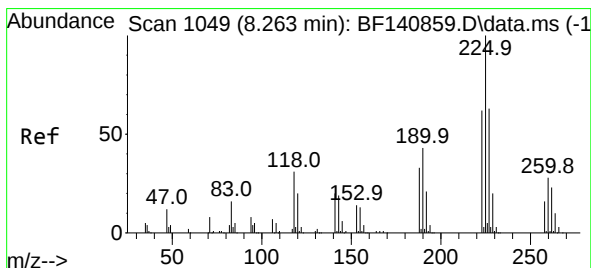
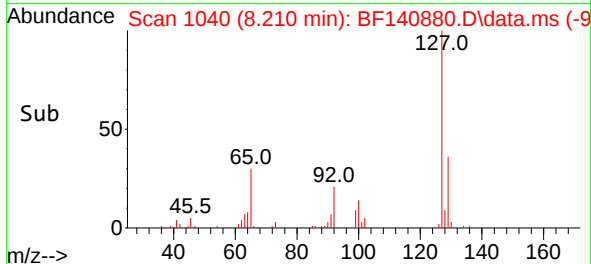
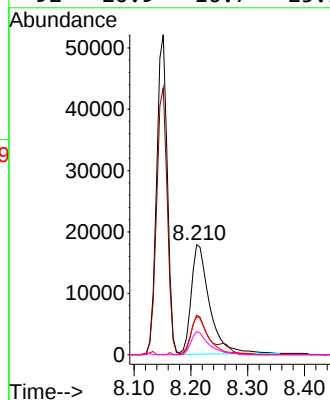
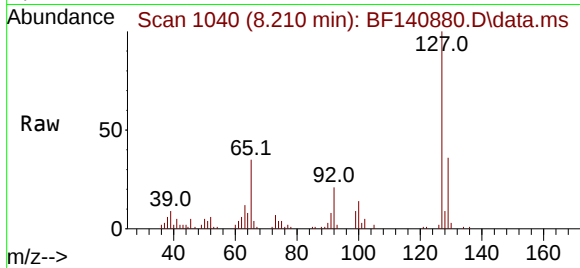




#33  
4-Chloroaniline  
Concen: 11.124 ng  
RT: 8.210 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

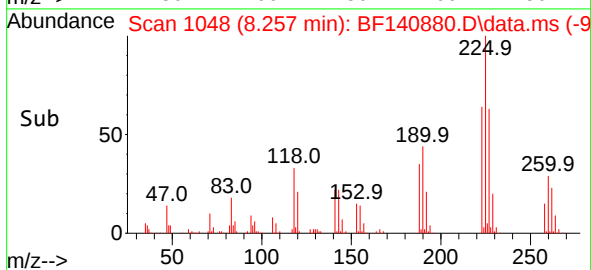
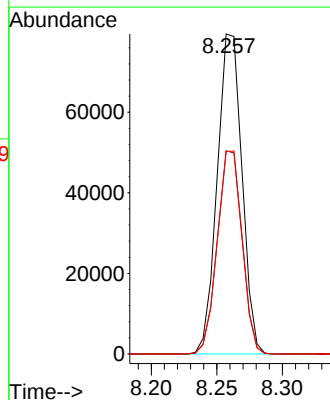
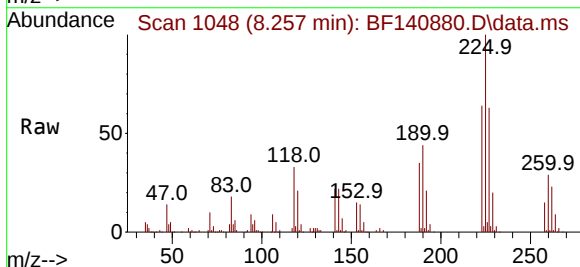
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

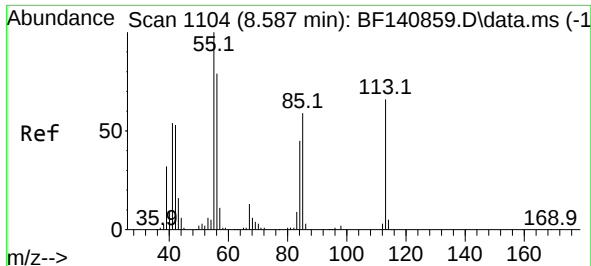
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 39993 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 35.9  | 26.0  | 39.0  |
| 65        | 34.7  | 26.0  | 39.0  |
| 92        | 20.9  | 16.7  | 25.1  |



#34  
Hexachlorobutadiene  
Concen: 45.114 ng  
RT: 8.257 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 104264 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.5  | 49.6  | 74.4   |
| 227       | 63.2  | 50.7  | 76.1   |

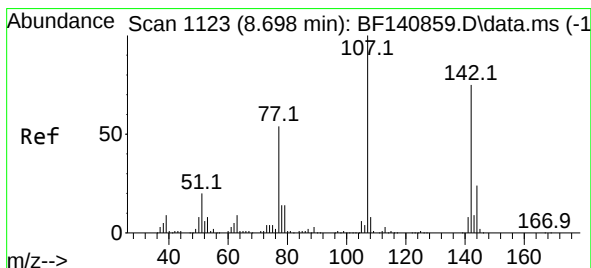
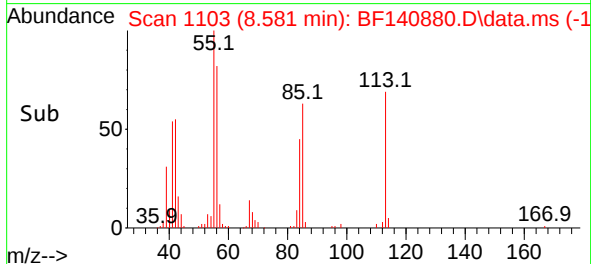
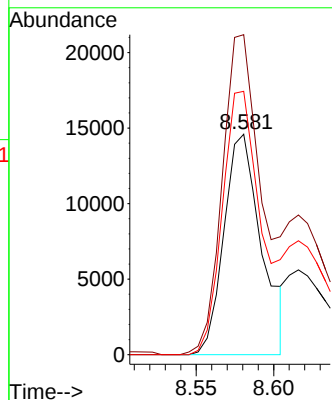
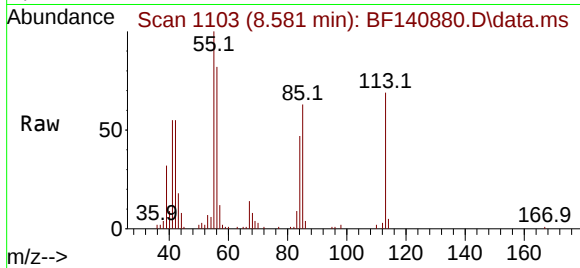




#35  
Caprolactam  
Concen: 27.484 ng  
RT: 8.581 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

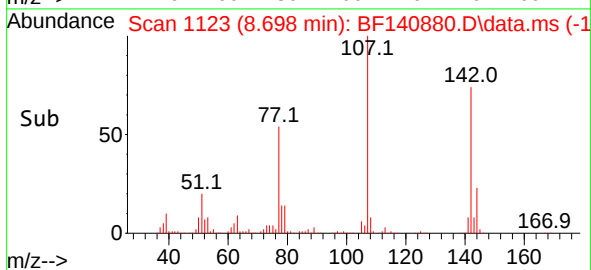
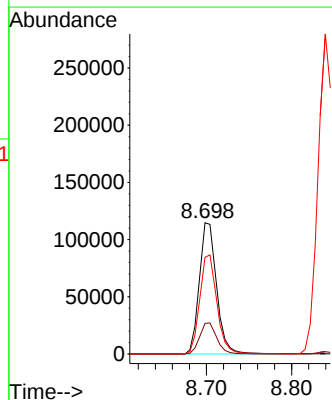
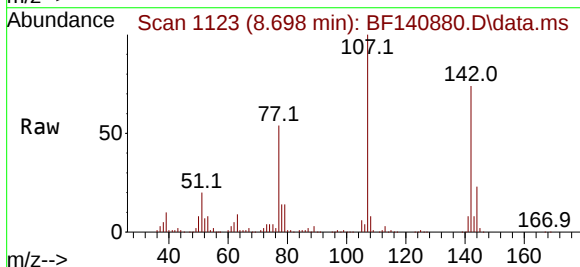
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

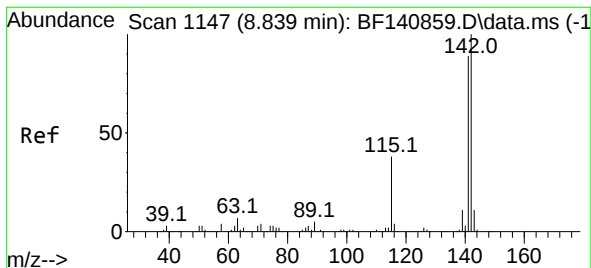
Tgt Ion:113 Resp: 24518  
Ion Ratio Lower Upper  
113 100  
55 145.2 132.3 172.3  
56 119.5 100.3 140.3



#36  
4-Chloro-3-methylphenol  
Concen: 47.892 ng  
RT: 8.698 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:107 Resp: 161522  
Ion Ratio Lower Upper  
107 100  
144 23.3 19.4 29.2  
142 73.7 60.3 90.5





#37

2-Methylnaphthalene

Concen: 49.298 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

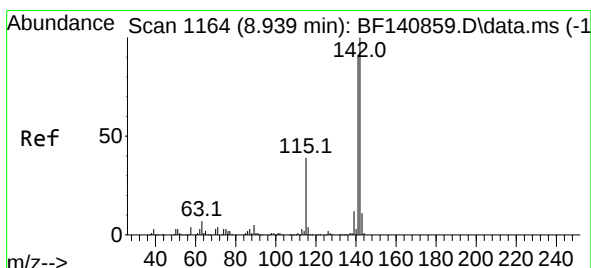
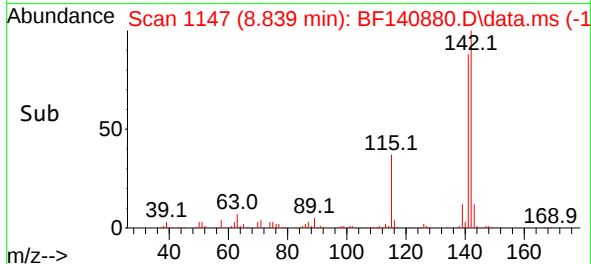
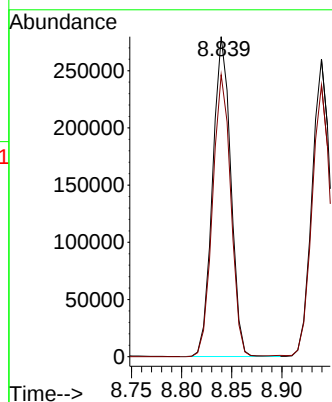
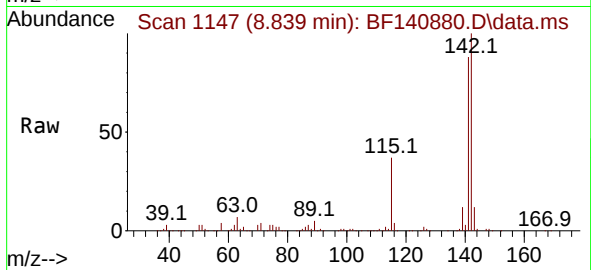
WC-1MS

Tgt Ion:142 Resp: 353017

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.190 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140880.D

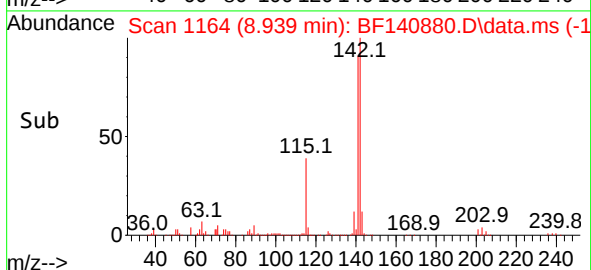
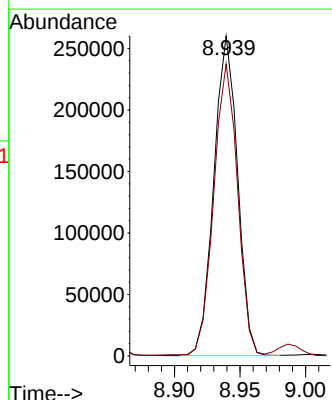
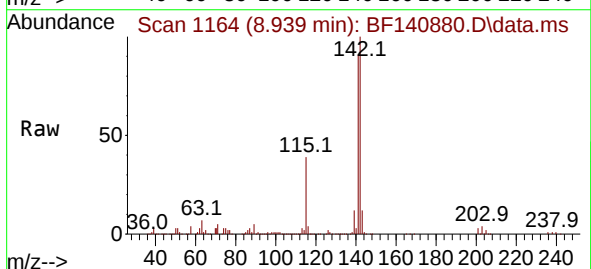
Acq: 17 Dec 2024 13:01

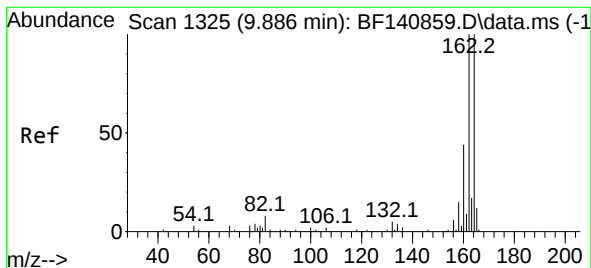
Tgt Ion:142 Resp: 327118

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

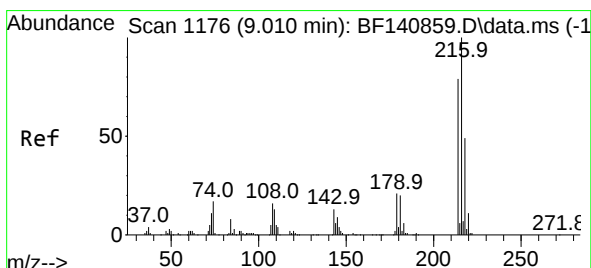
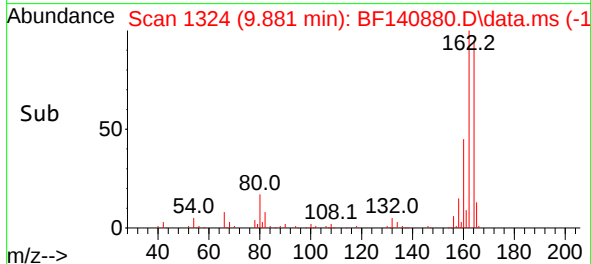
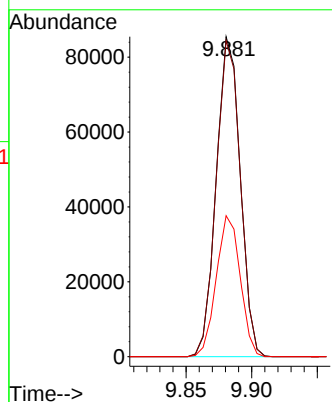
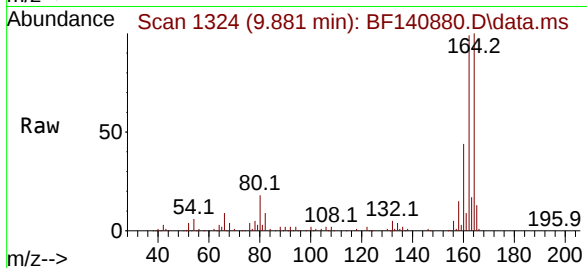
Tgt Ion:164 Resp: 108708

Ion Ratio Lower Upper

164 100

162 98.8 79.9 119.9

160 44.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.721 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:216 Resp: 176155

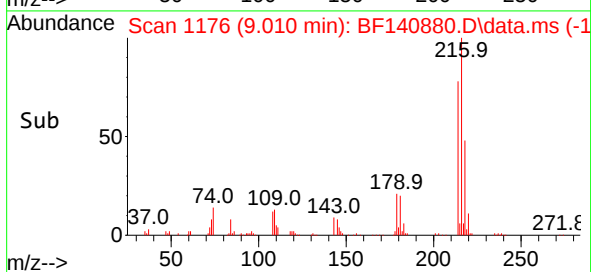
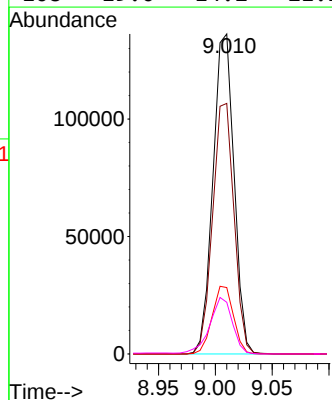
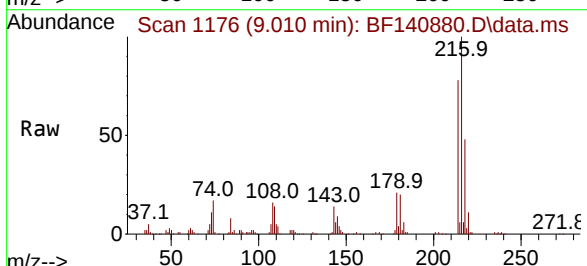
Ion Ratio Lower Upper

216 100

214 79.1 63.6 95.4

179 21.4 17.0 25.4

108 19.0 14.2 21.2

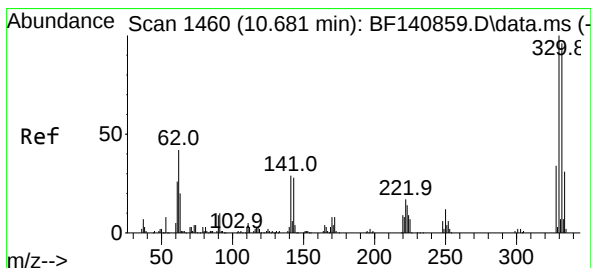
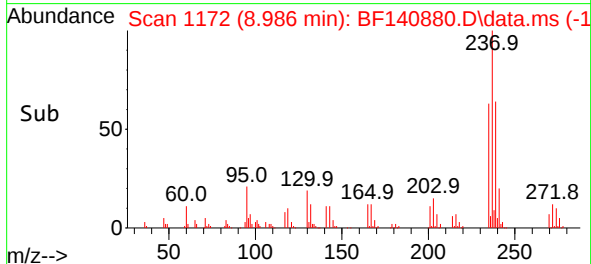
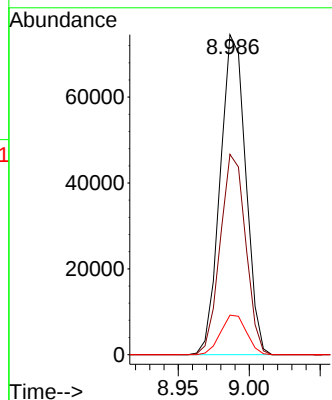
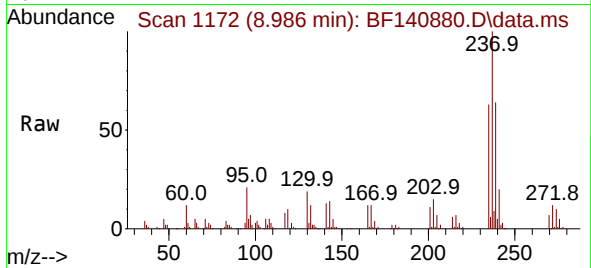




#41  
Hexachlorocyclopentadiene  
Concen: 78.480 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. -0.001 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

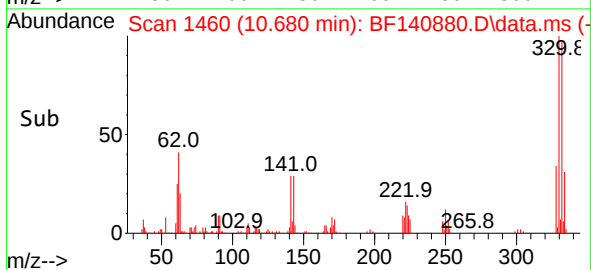
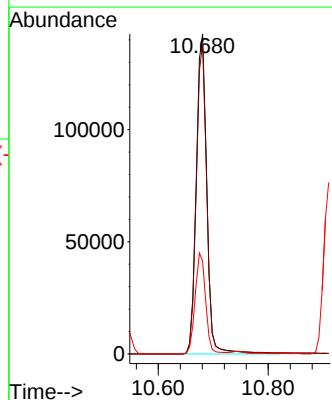
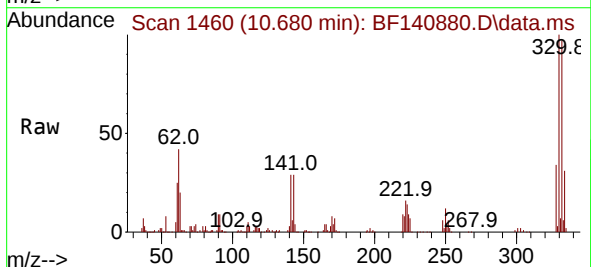
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

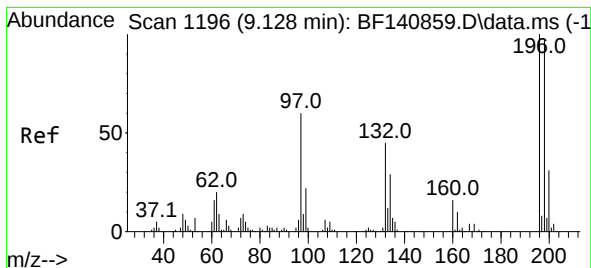
Tgt Ion:237 Resp: 93098  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.7 83.7  
272 12.3 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 148.456 ng  
RT: 10.680 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:330 Resp: 190871  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.2 114.4  
141 31.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 52.545 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

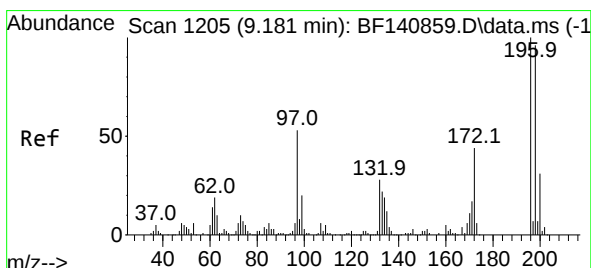
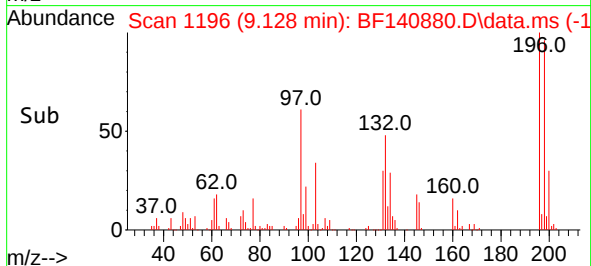
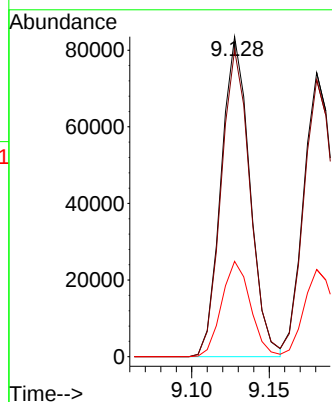
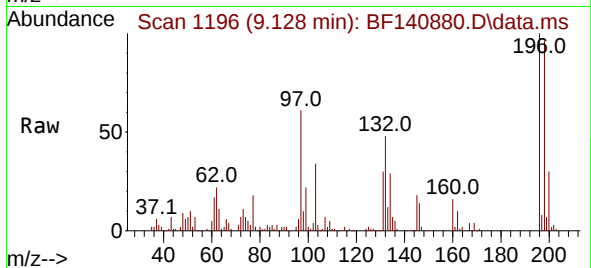
Tgt Ion:196 Resp: 107504

Ion Ratio Lower Upper

196 100

198 95.9 77.4 116.0

200 29.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 49.608 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:196 Resp: 111557

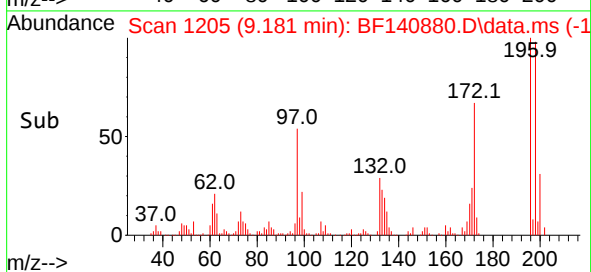
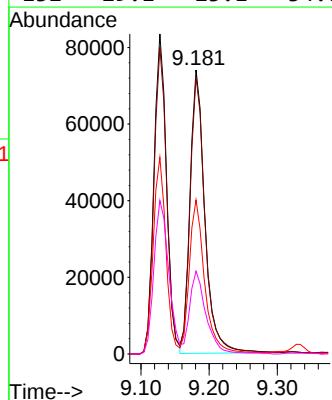
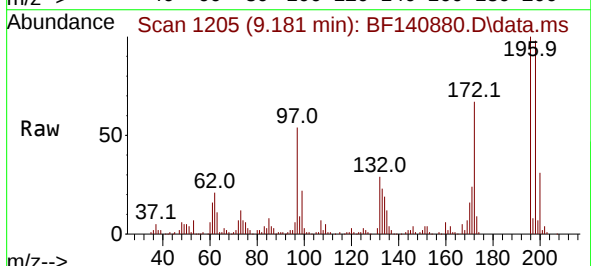
Ion Ratio Lower Upper

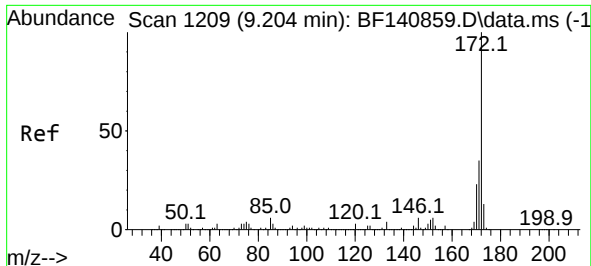
196 100

198 97.5 77.2 115.8

97 54.2 42.2 63.4

132 29.1 23.1 34.7

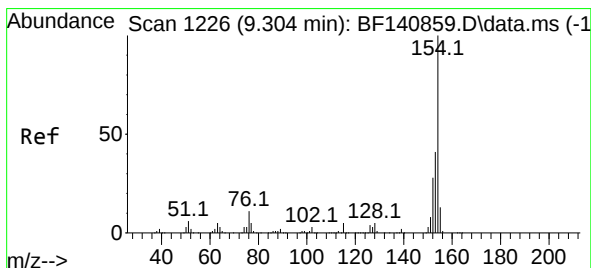
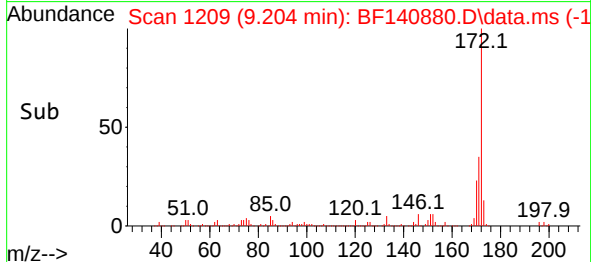
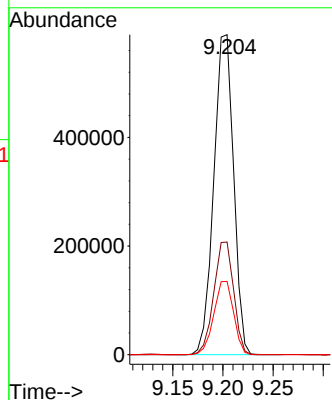
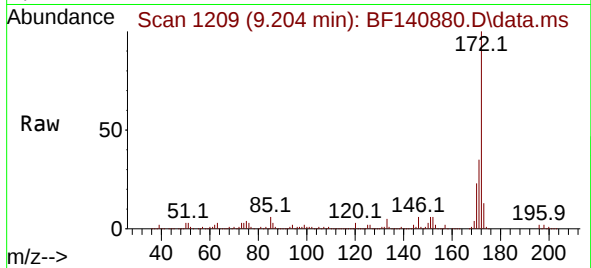




#45  
2-Fluorobiphenyl  
Concen: 102.366 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

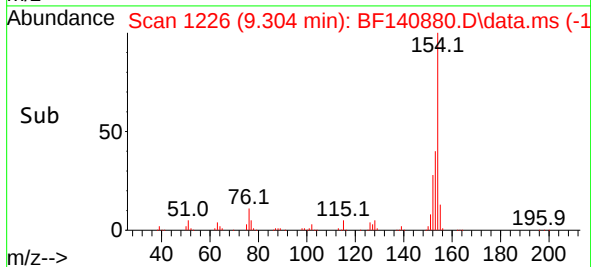
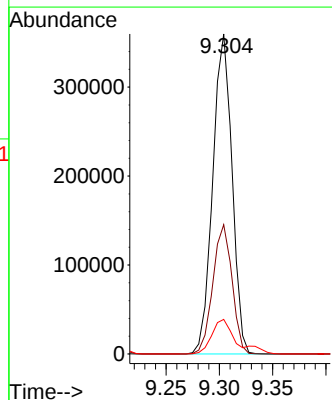
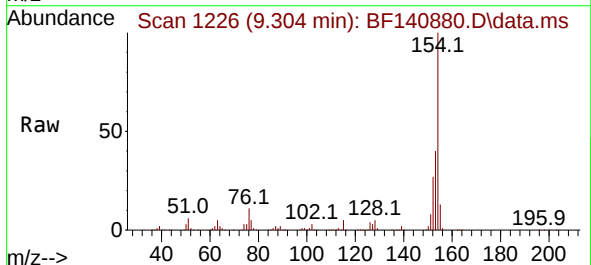
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

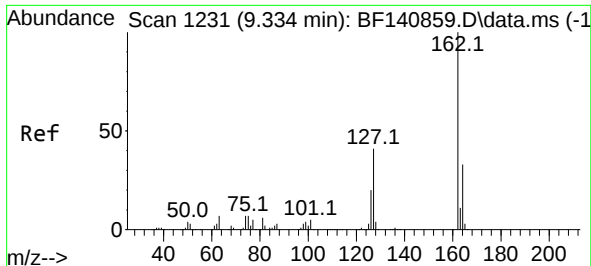
Tgt Ion:172 Resp: 809398  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.4 42.6  
170 22.9 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 52.182 ng  
RT: 9.304 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:154 Resp: 451076  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.8 60.8  
76 10.8 0.0 31.0

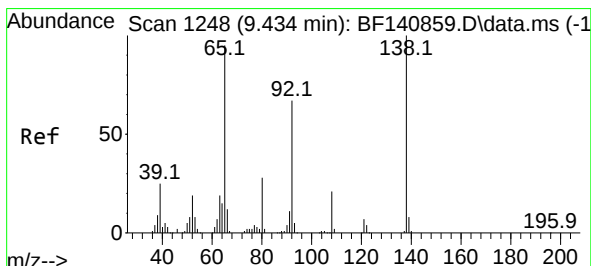
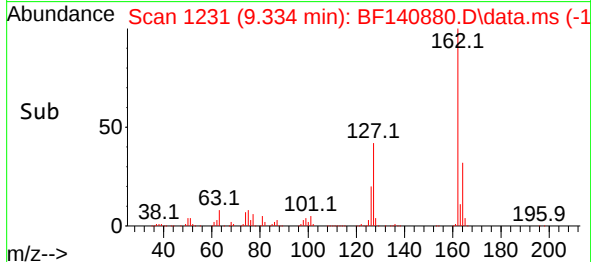
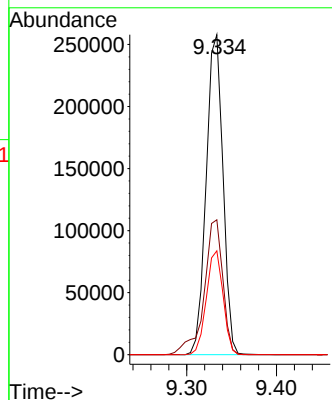
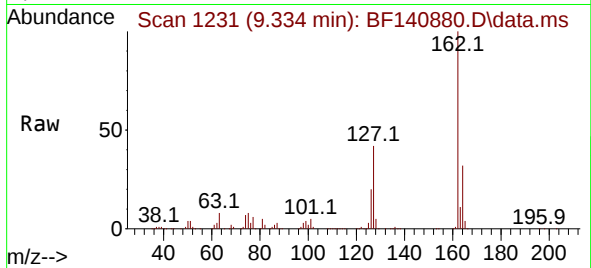




#47  
2-Chloronaphthalene  
Concen: 50.640 ng  
RT: 9.334 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

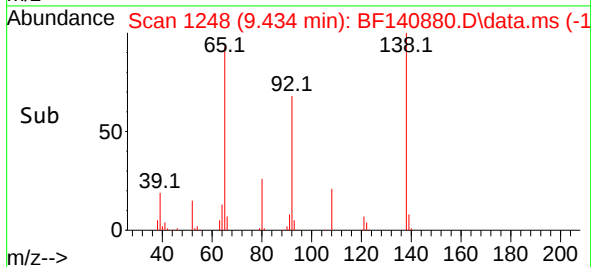
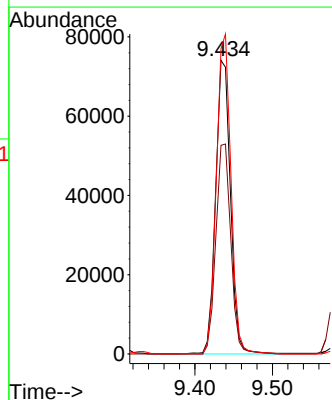
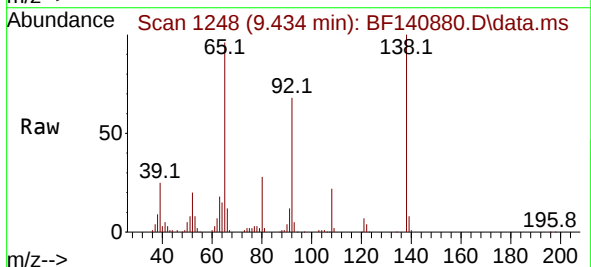
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

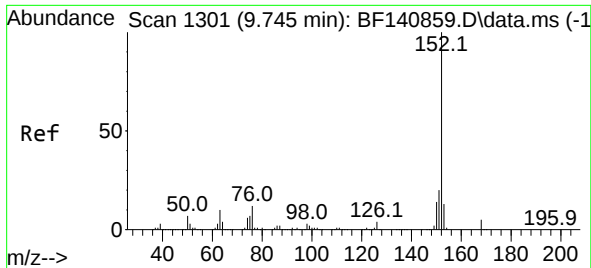
Tgt Ion:162 Resp: 334882  
Ion Ratio Lower Upper  
162 100  
127 42.1 33.5 50.3  
164 32.4 26.2 39.2



#48  
2-Nitroaniline  
Concen: 49.331 ng  
RT: 9.434 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion: 65 Resp: 98525  
Ion Ratio Lower Upper  
65 100  
92 71.1 56.3 84.5  
138 104.0 83.8 125.6





#49

Acenaphthylene

Concen: 55.833 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

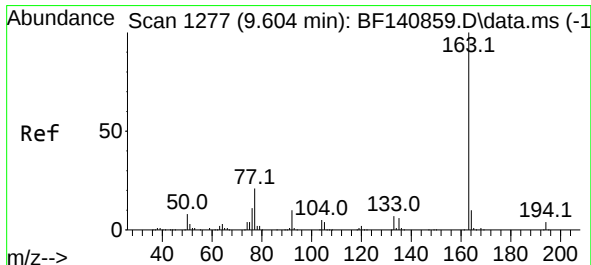
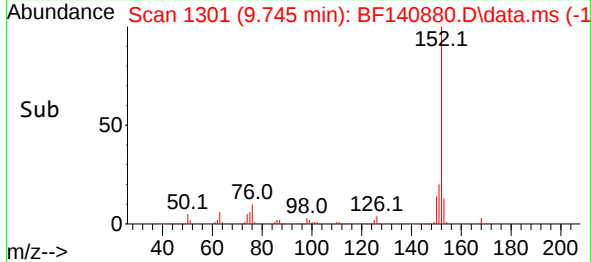
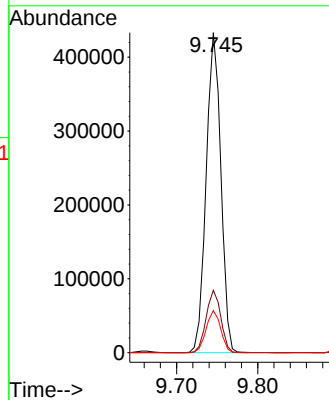
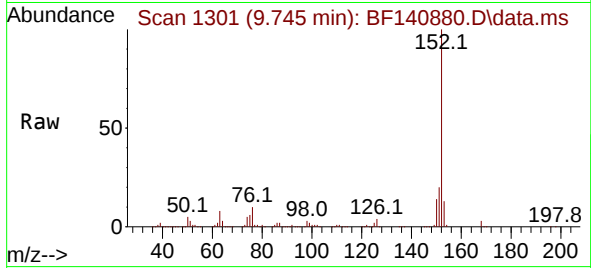
Tgt Ion:152 Resp: 542600

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 51.400 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

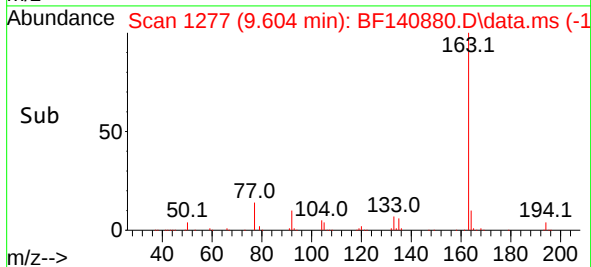
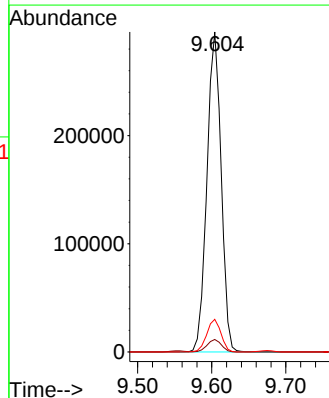
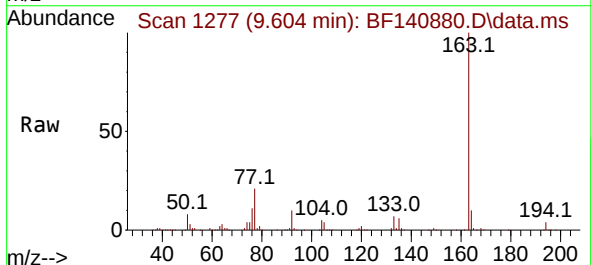
Tgt Ion:163 Resp: 393938

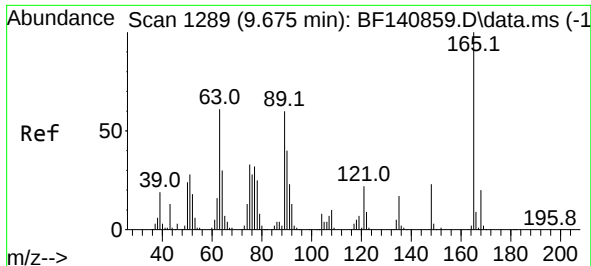
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

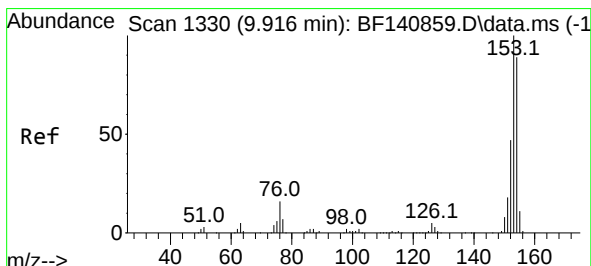
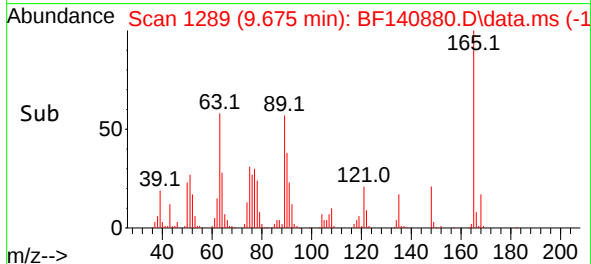
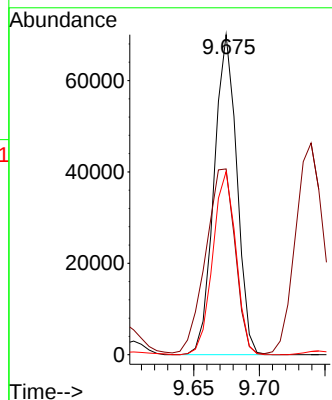
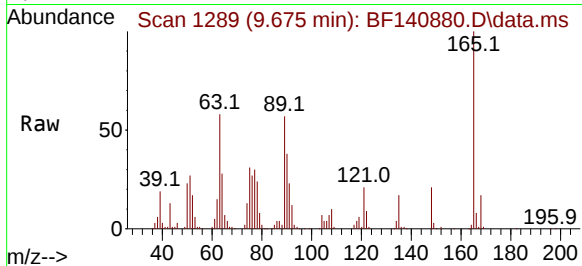




#51  
2,6-Dinitrotoluene  
Concen: 48.227 ng  
RT: 9.675 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

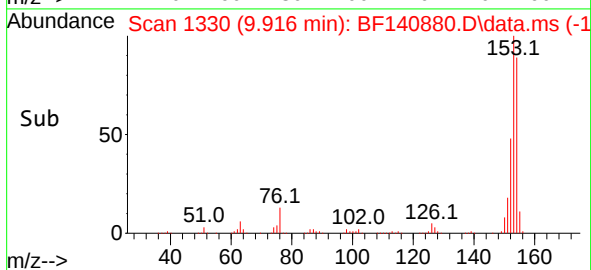
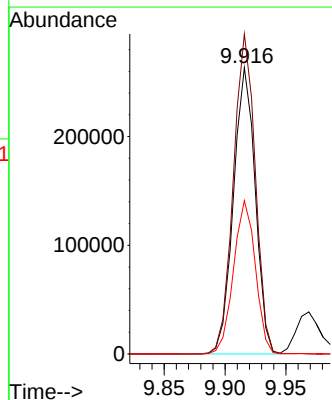
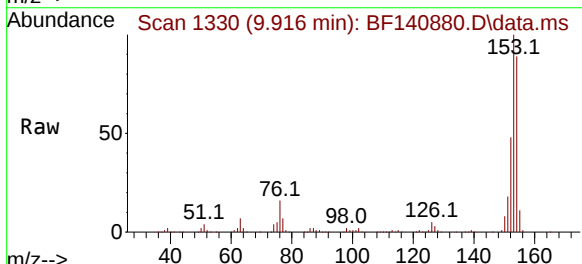
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

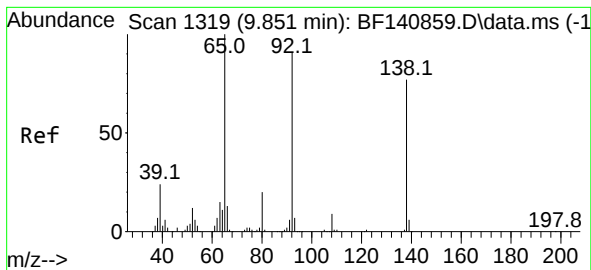
Tgt Ion:165 Resp: 84498  
Ion Ratio Lower Upper  
165 100  
63 58.1 49.7 74.5  
89 57.2 48.2 72.4



#52  
Acenaphthene  
Concen: 53.033 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:154 Resp: 329223  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.9 134.9  
152 53.5 42.6 63.8





#53

3-Nitroaniline

Concen: 17.656 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

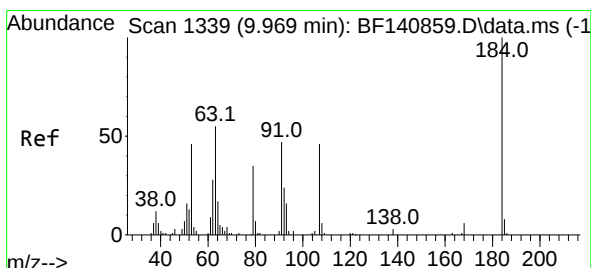
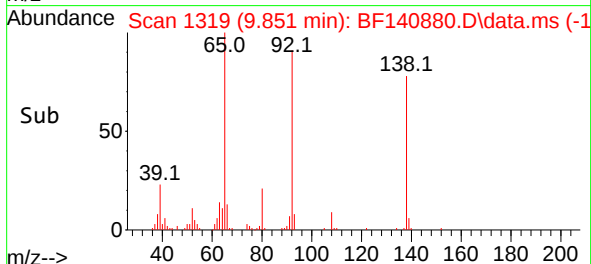
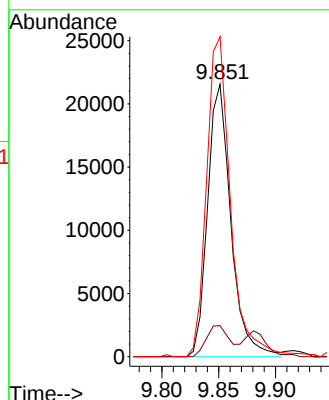
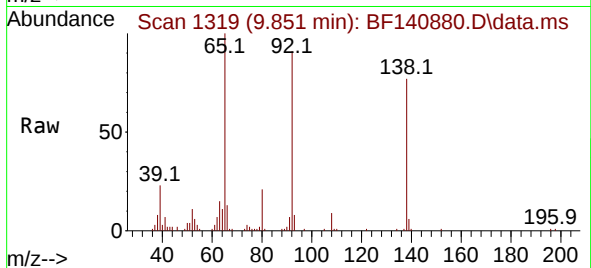
Tgt Ion:138 Resp: 30700

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 117.5 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 99.888 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

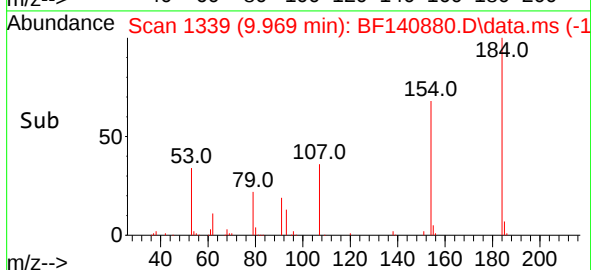
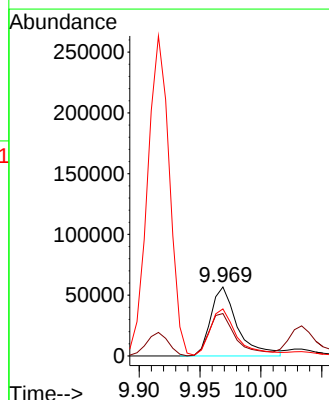
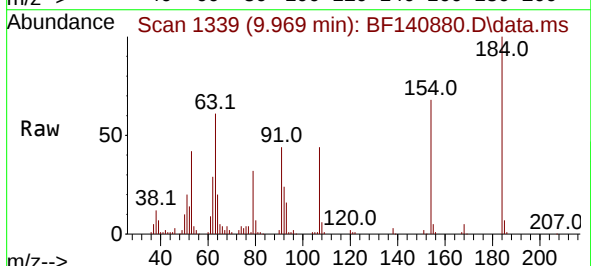
Tgt Ion:184 Resp: 86907

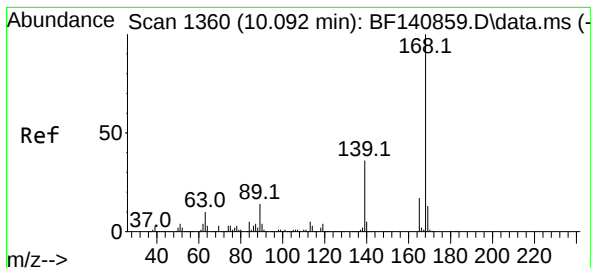
Ion Ratio Lower Upper

184 100

63 61.4 51.6 77.4

154 68.2 56.1 84.1





#55

Dibenzenofuran

Concen: 52.080 ng

RT: 10.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

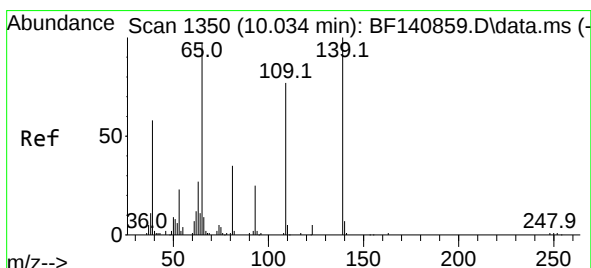
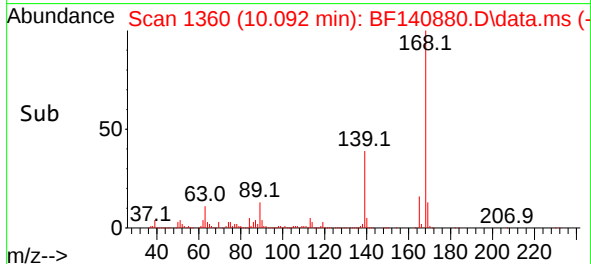
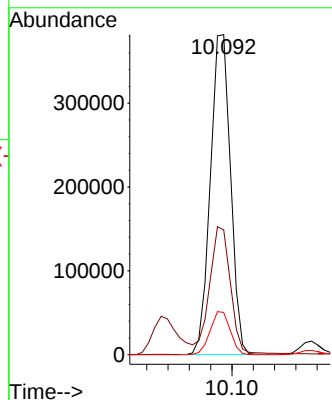
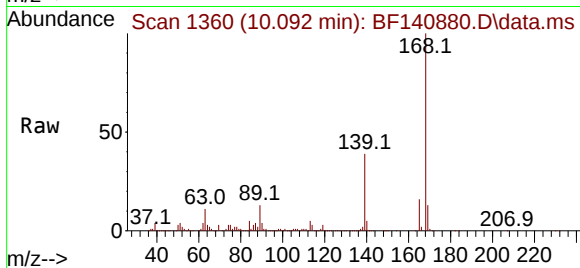
Tgt Ion:168 Resp: 500977

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 81.075 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

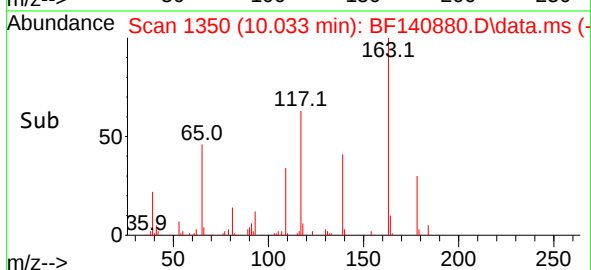
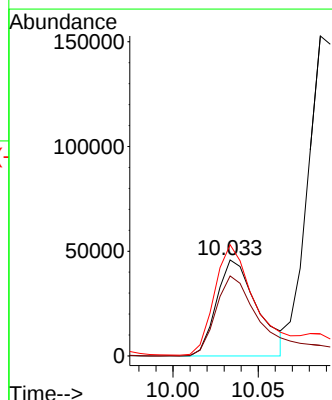
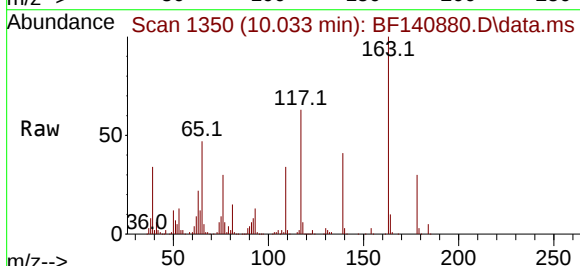
Tgt Ion:139 Resp: 75888

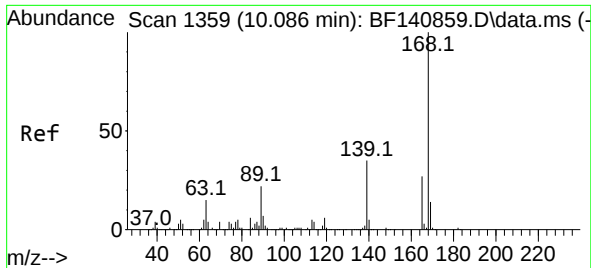
Ion Ratio Lower Upper

139 100

109 83.3 56.7 96.7

65 115.9 78.1 118.1

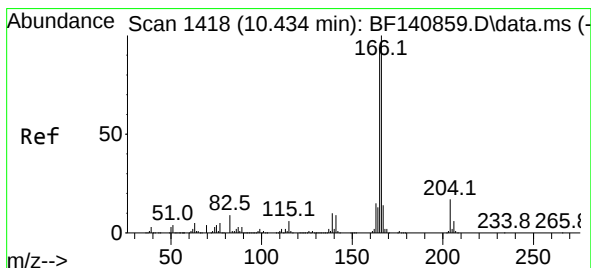
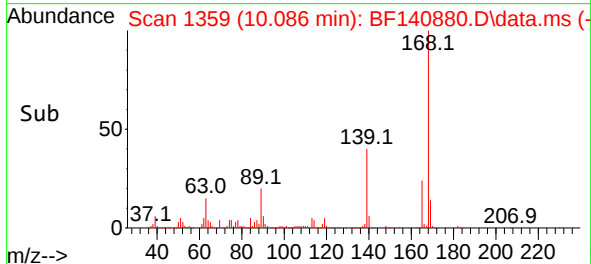
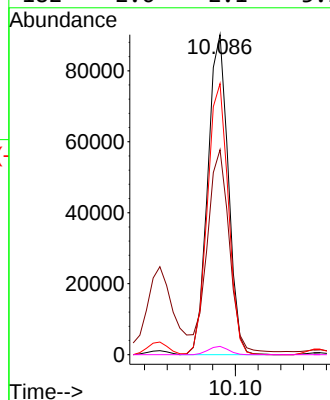
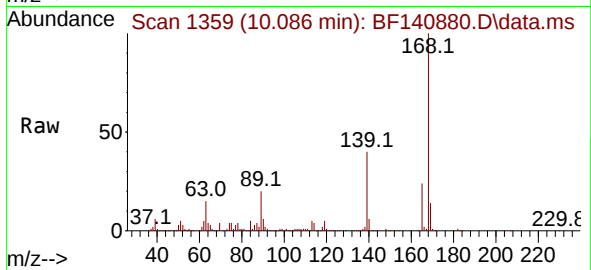




#57  
2,4-Dinitrotoluene  
Concen: 48.787 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

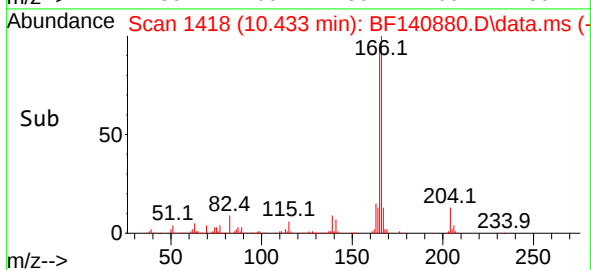
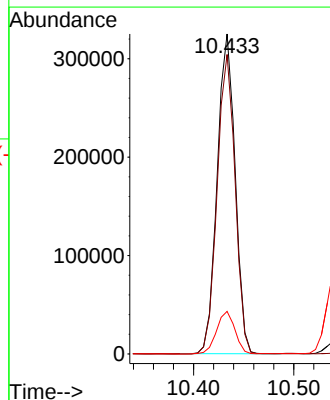
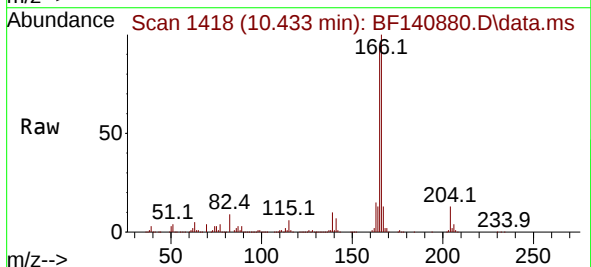
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

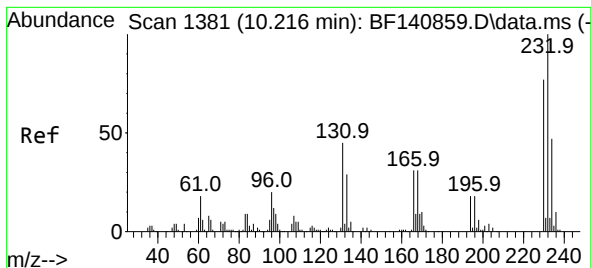
Tgt Ion:165 Resp: 112469  
Ion Ratio Lower Upper  
165 100  
63 64.0 49.3 73.9  
89 84.7 66.2 99.4  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 50.858 ng  
RT: 10.433 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:166 Resp: 403603  
Ion Ratio Lower Upper  
166 100  
165 93.6 75.1 112.7  
167 13.3 11.1 16.7

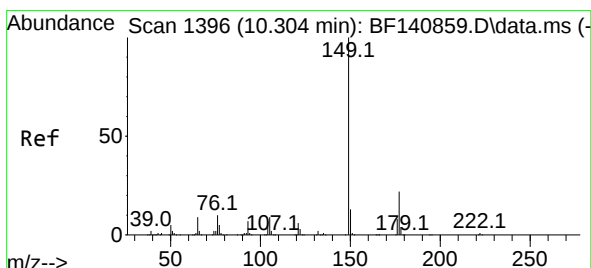
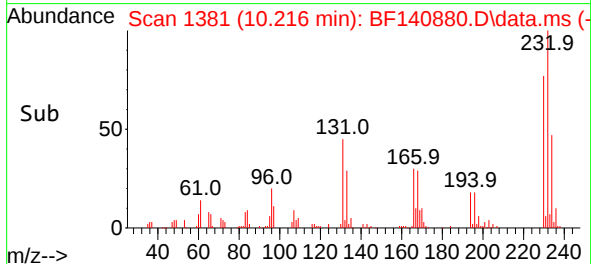
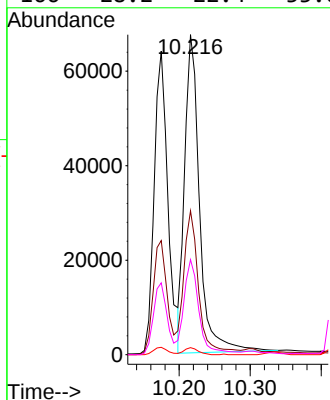
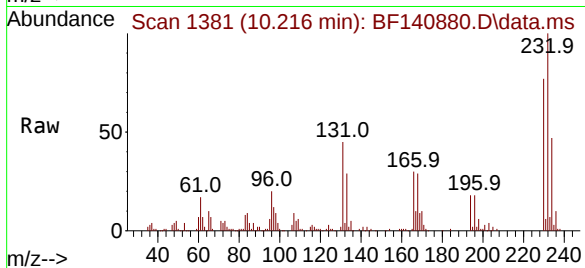




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.364 ng  
RT: 10.216 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

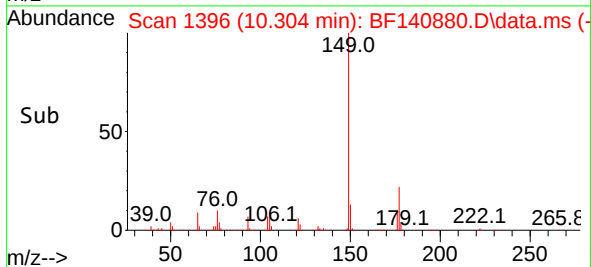
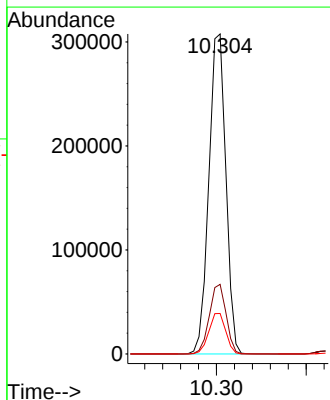
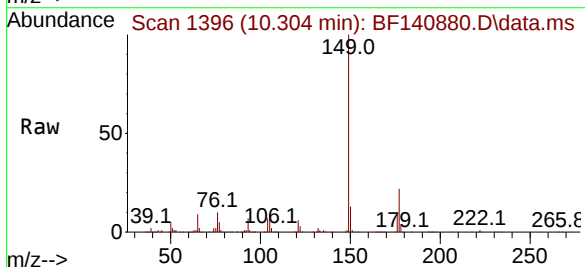
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

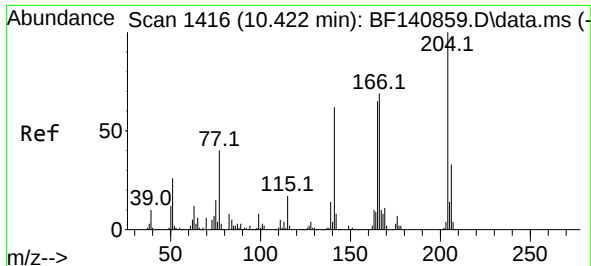
Tgt Ion:232 Resp: 97784  
Ion Ratio Lower Upper  
232 100  
131 45.5 35.1 52.7  
130 2.0 1.8 2.8  
166 28.2 22.4 33.6



#60  
Diethylphthalate  
Concen: 50.915 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:149 Resp: 404643  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.2 25.8  
150 12.6 10.1 15.1

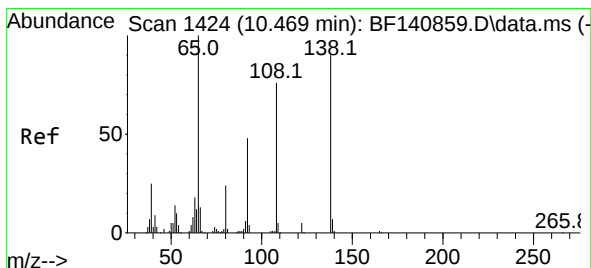
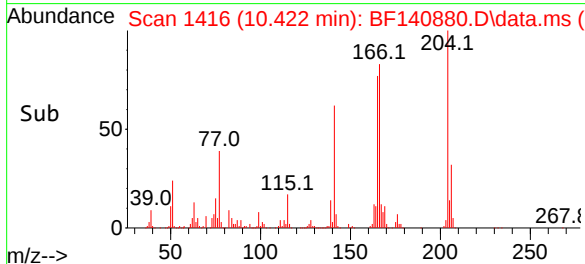
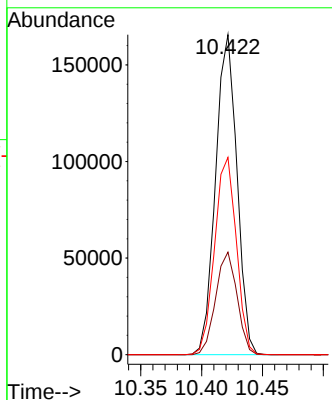
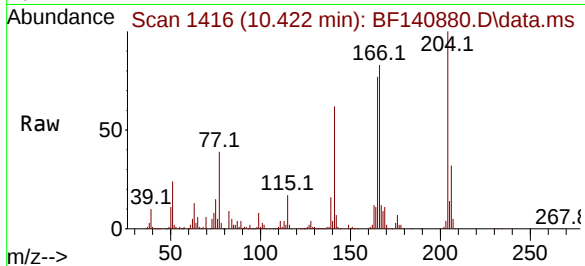




#61  
4-Chlorophenyl-phenylether  
Concen: 50.919 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

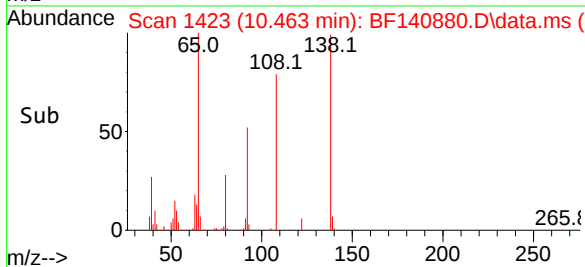
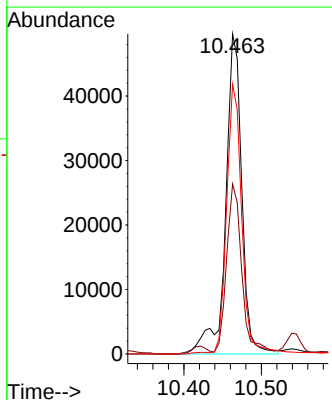
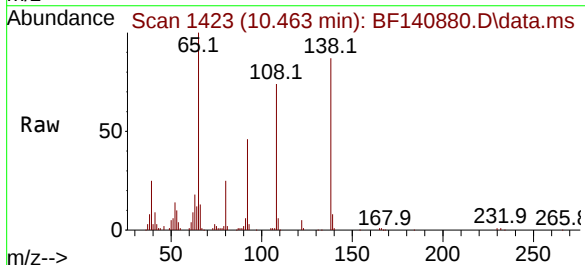
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

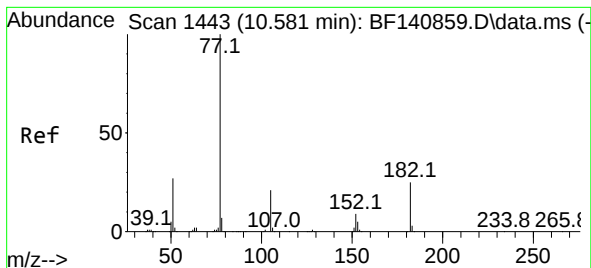
Tgt Ion:204 Resp: 202982  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.5 39.7  
141 61.6 50.0 75.0



#62  
4-Nitroaniline  
Concen: 39.586 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:138 Resp: 71928  
Ion Ratio Lower Upper  
138 100  
92 53.2 32.6 72.6  
108 84.3 64.1 104.1





#63

Azobenzene

Concen: 50.332 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 376056

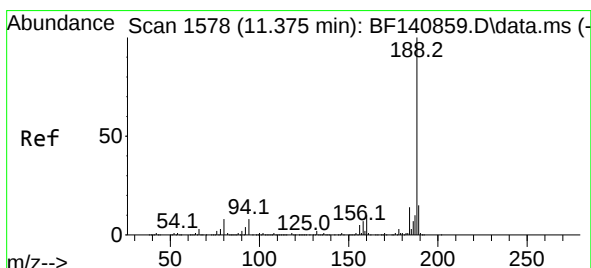
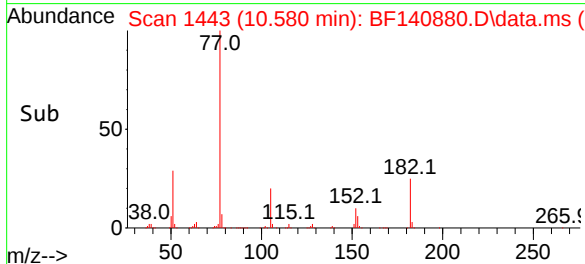
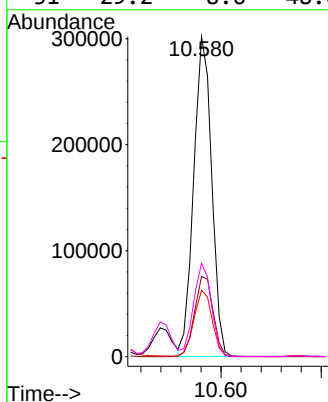
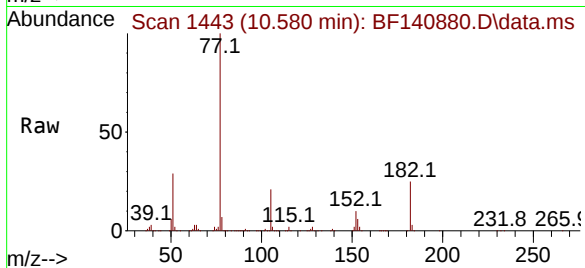
Ion Ratio Lower Upper

77 100

182 25.1 4.5 44.5

105 20.7 0.9 40.9

51 29.2 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

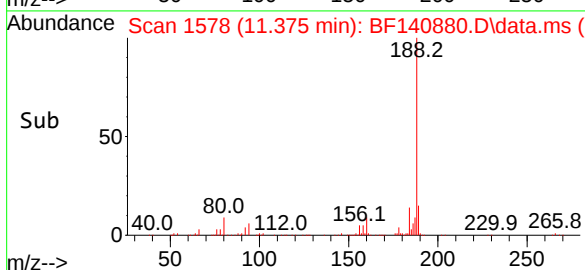
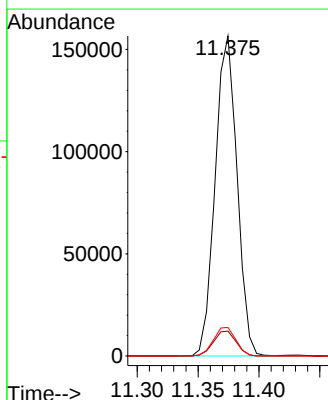
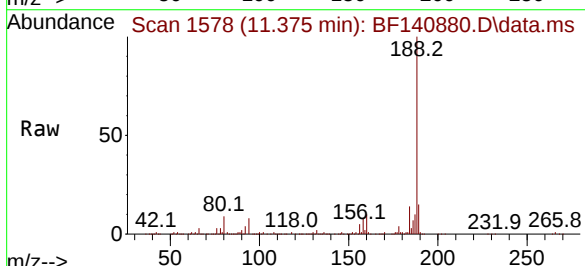
Tgt Ion:188 Resp: 196074

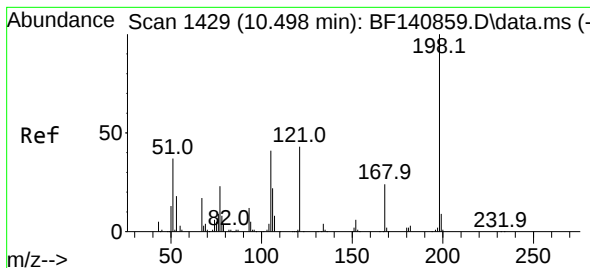
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.9 6.8 10.2

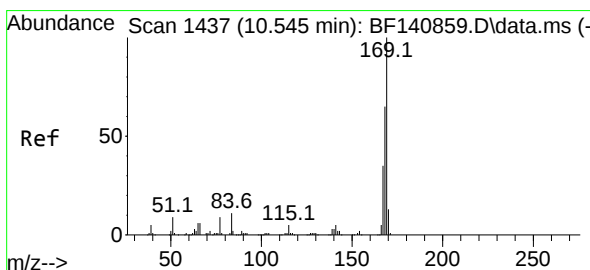
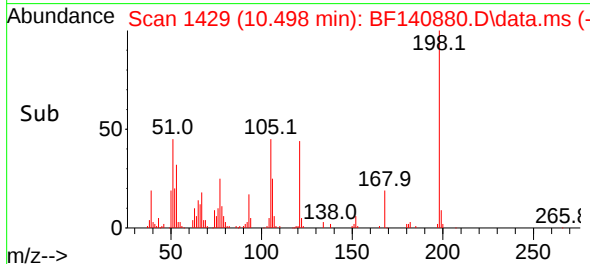
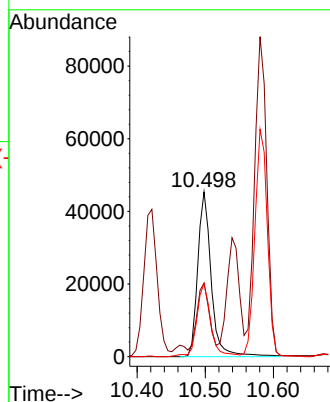
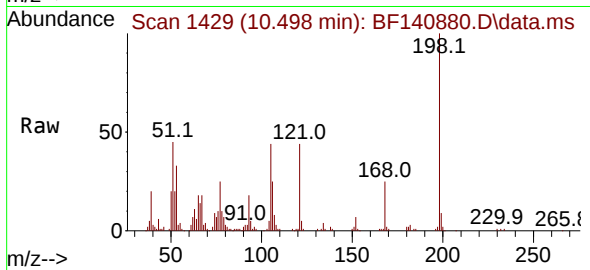




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.996 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

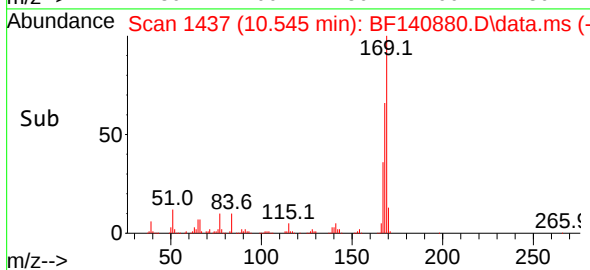
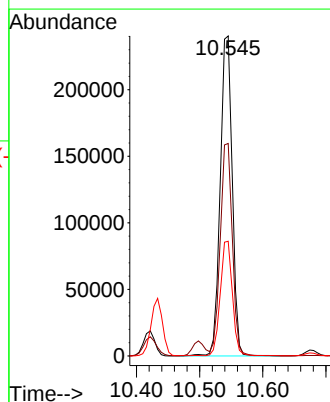
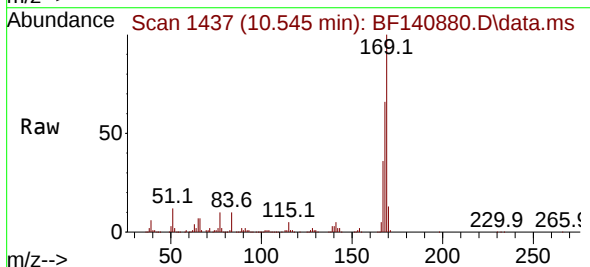
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

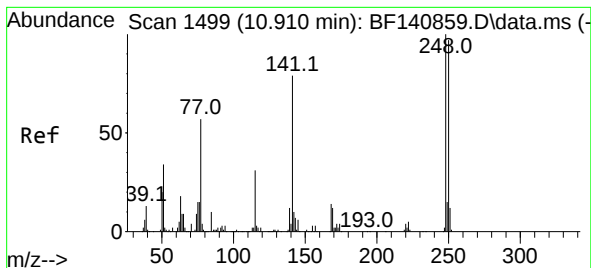
Tgt Ion:198 Resp: 62215  
Ion Ratio Lower Upper  
198 100  
51 44.7 24.4 64.4  
105 44.2 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 52.794 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:169 Resp: 318263  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.4 80.0  
167 35.8 28.3 42.5

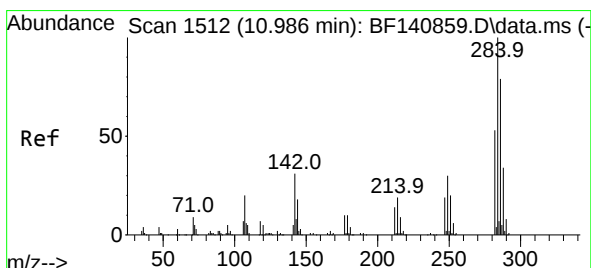
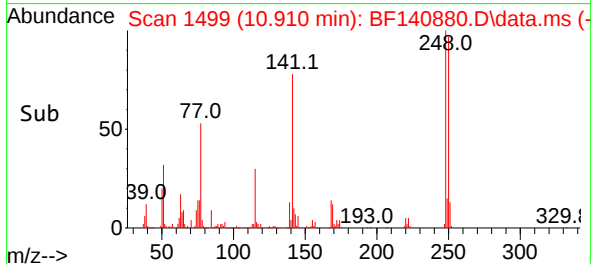
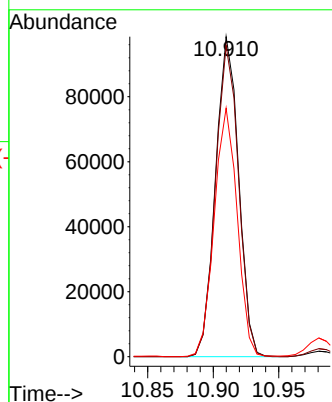
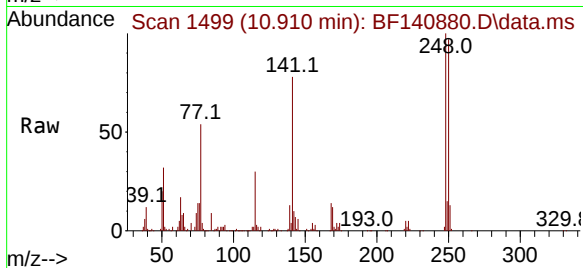




#67  
4-Bromophenyl-phenylether  
Concen: 54.983 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

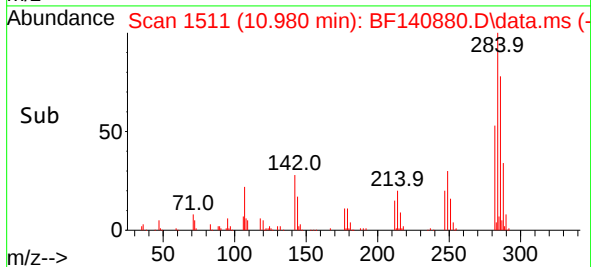
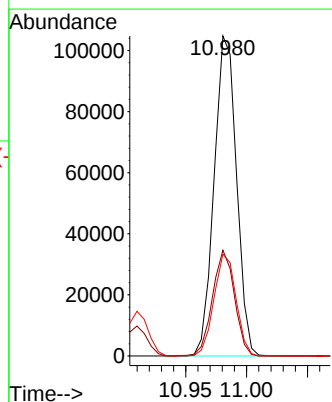
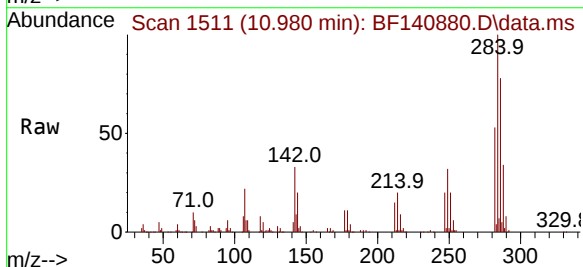
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

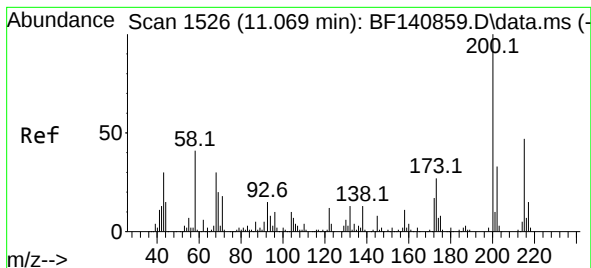
Tgt Ion:248 Resp: 120607  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.4 116.2  
141 77.6 62.9 94.3



#68  
Hexachlorobenzene  
Concen: 53.756 ng  
RT: 10.980 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:284 Resp: 133691  
Ion Ratio Lower Upper  
284 100  
142 33.0 24.6 36.8  
249 31.8 24.3 36.5





#69

Atrazine

Concen: 38.429 ng

RT: 11.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

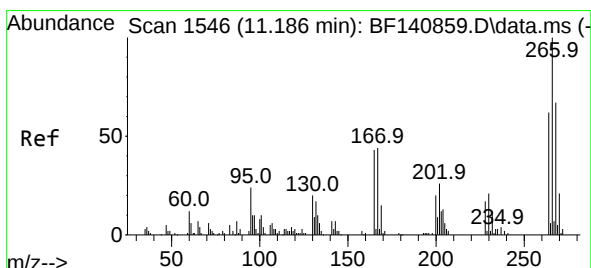
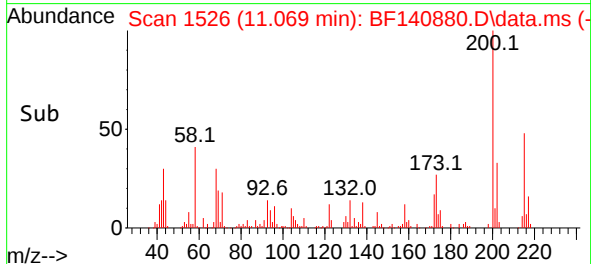
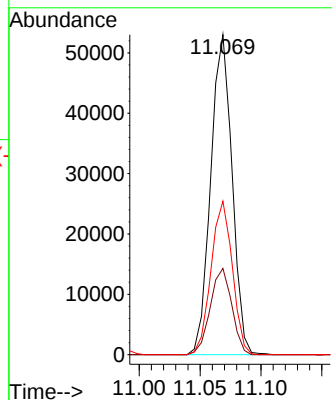
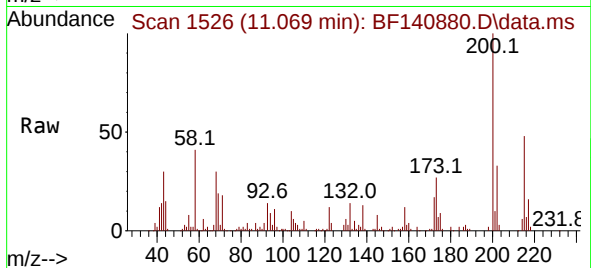
Tgt Ion:200 Resp: 64701

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 115.174 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

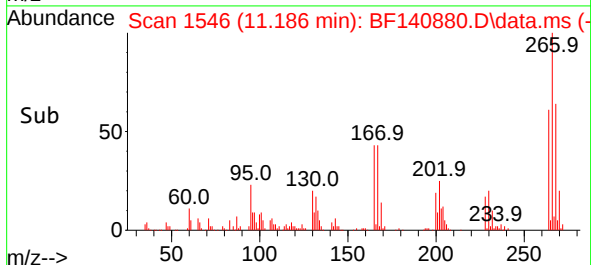
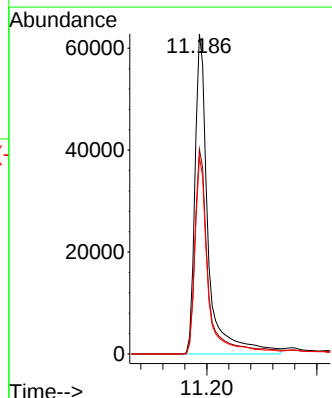
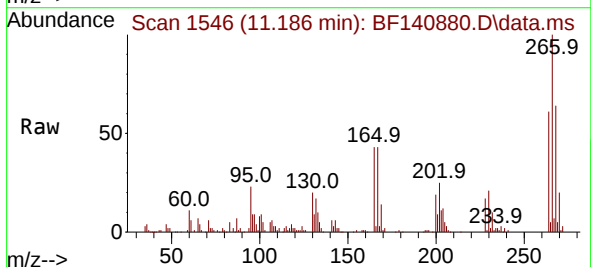
Tgt Ion:266 Resp: 104724

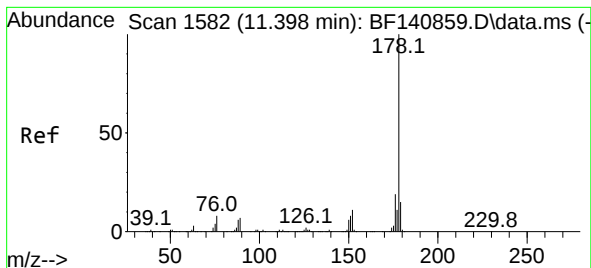
Ion Ratio Lower Upper

266 100

268 64.0 54.0 81.0

264 61.4 49.4 74.2





#71

Phenanthrene

Concen: 54.322 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

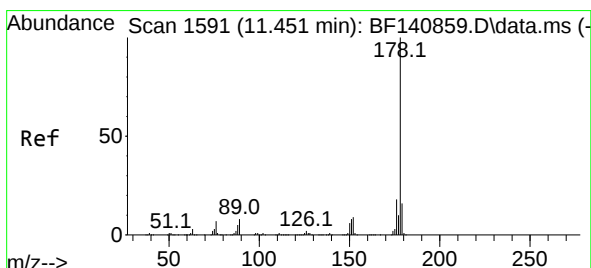
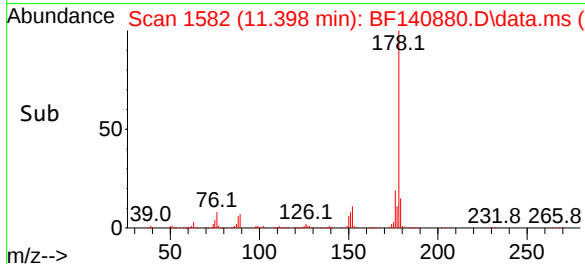
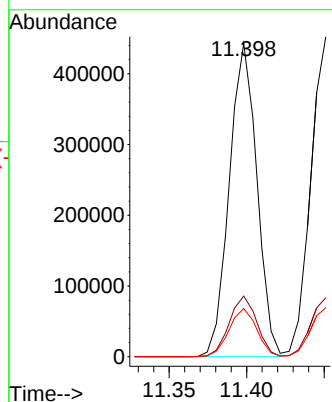
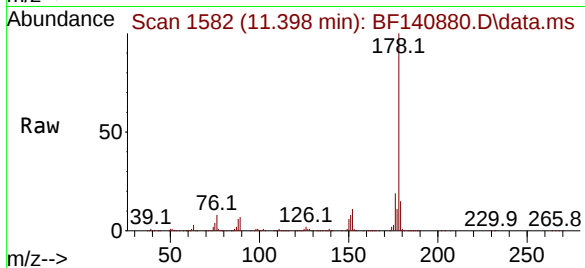
Tgt Ion:178 Resp: 547723

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.1 18.1



#72

Anthracene

Concen: 56.597 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

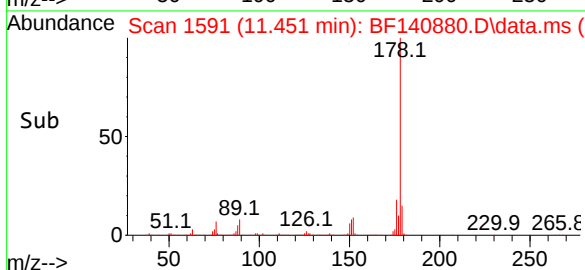
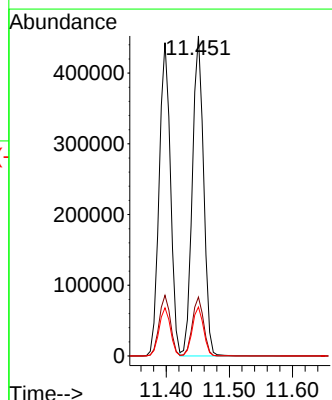
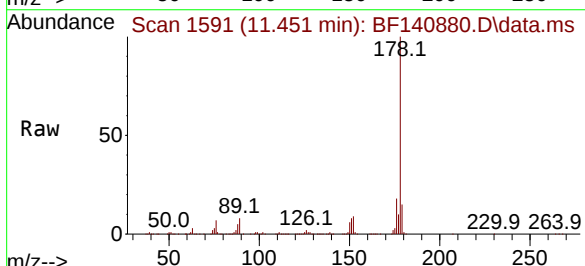
Tgt Ion:178 Resp: 561988

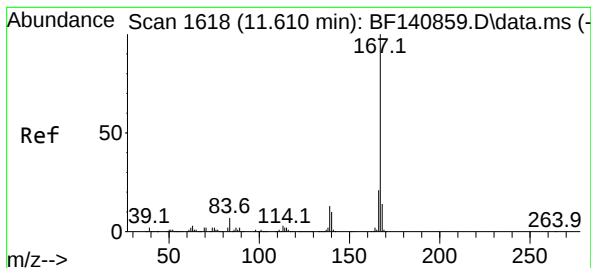
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.3 12.6 18.8





#73

Carbazole

Concen: 48.209 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

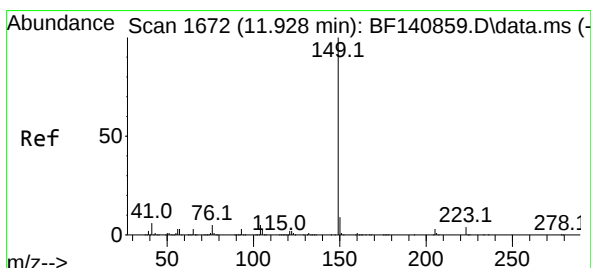
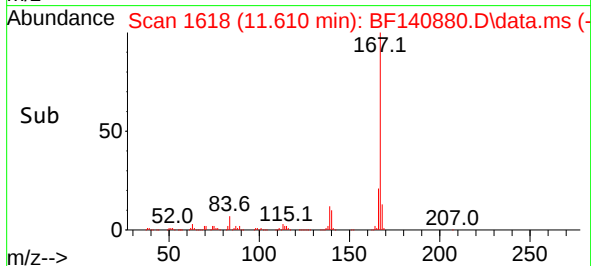
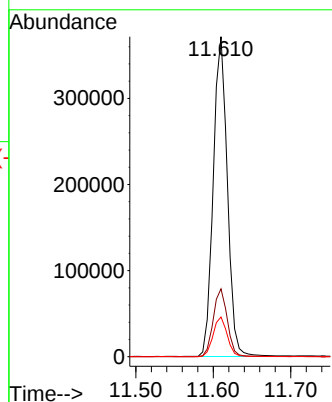
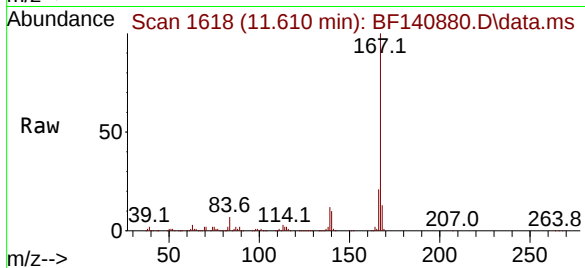
Tgt Ion:167 Resp: 468880

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.767 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

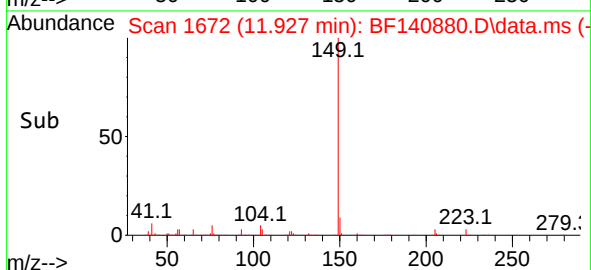
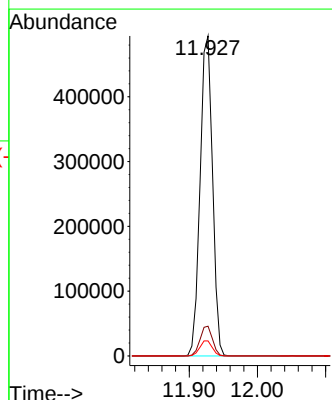
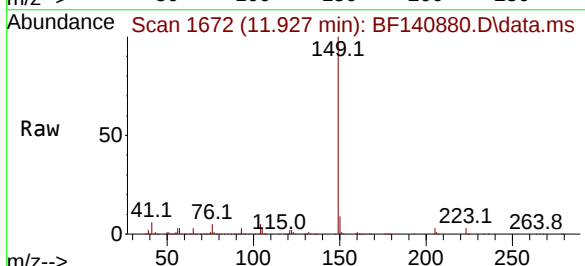
Tgt Ion:149 Resp: 625136

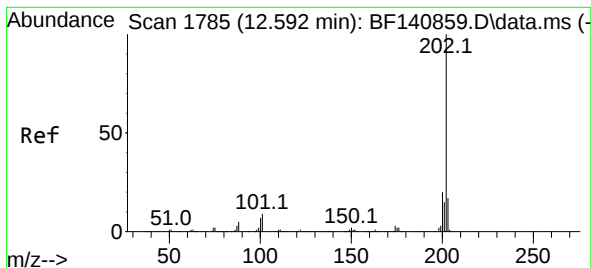
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 52.619 ng

RT: 12.592 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

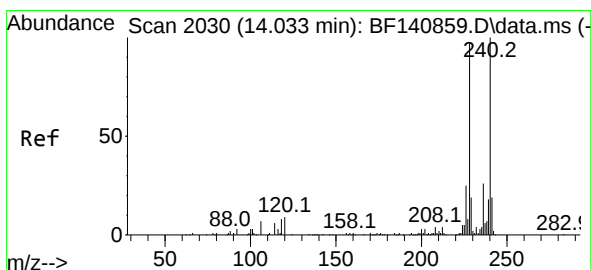
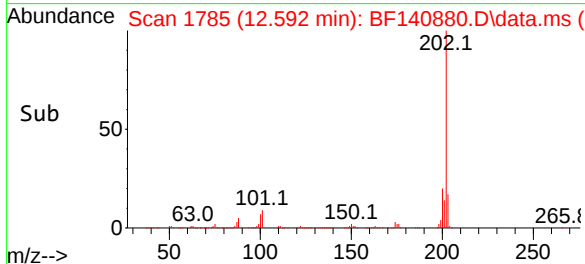
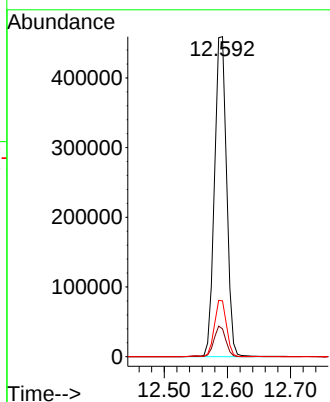
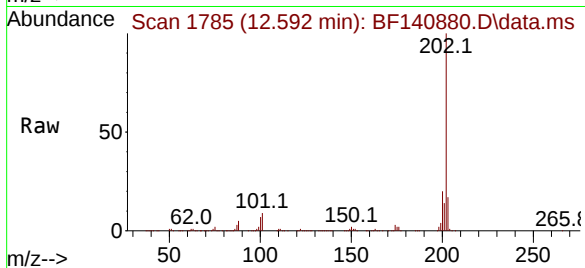
Tgt Ion:202 Resp: 611023

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.3

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

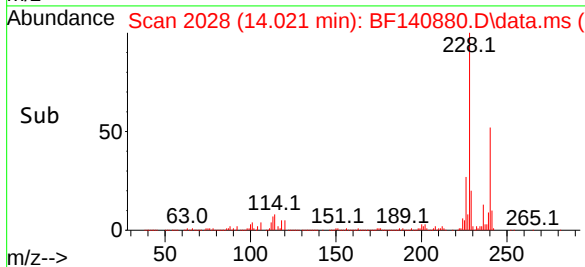
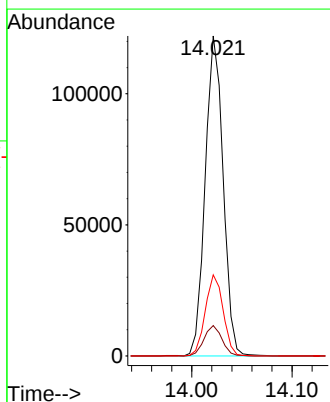
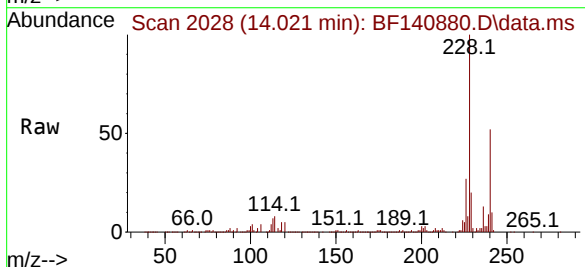
Tgt Ion:240 Resp: 151657

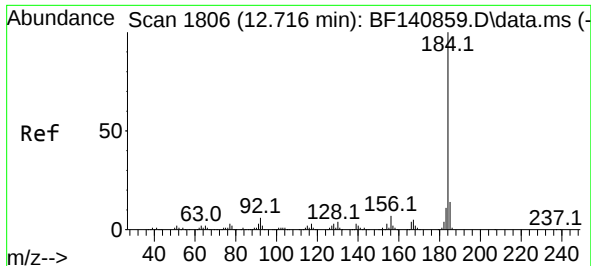
Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

236 25.3 20.5 30.7

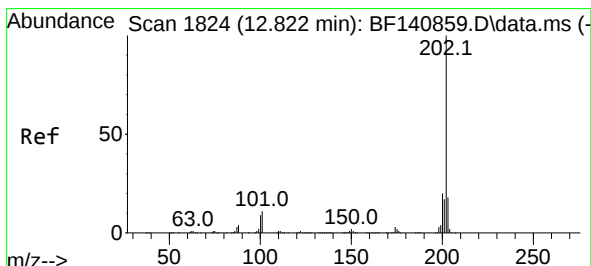
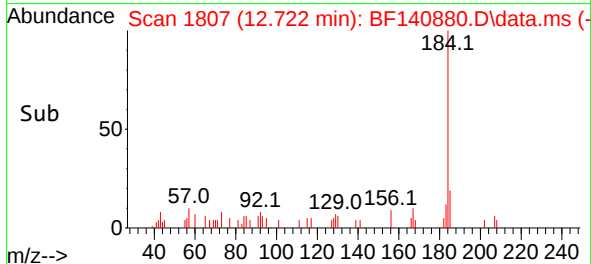
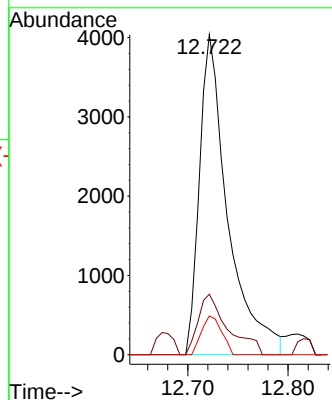
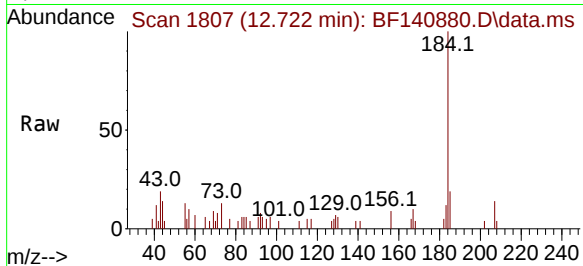




#77  
Benzidine  
Concen: 2.563 ng  
RT: 12.722 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

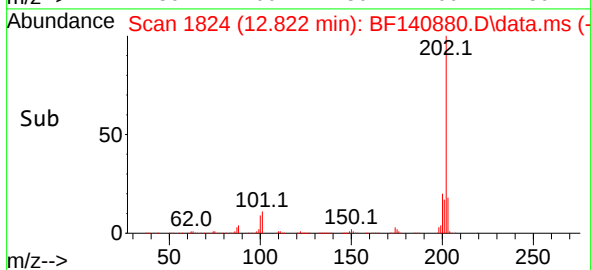
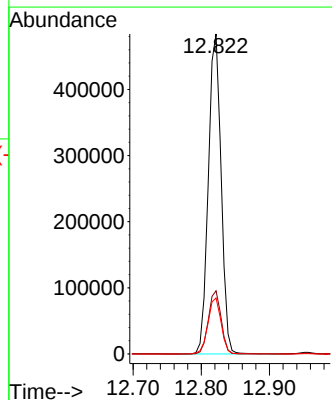
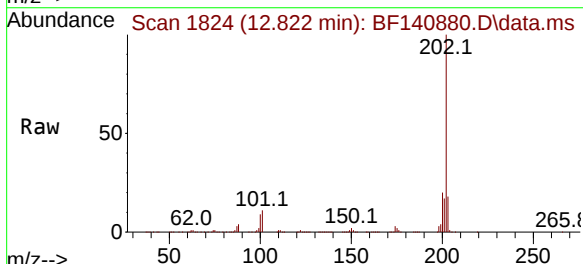
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

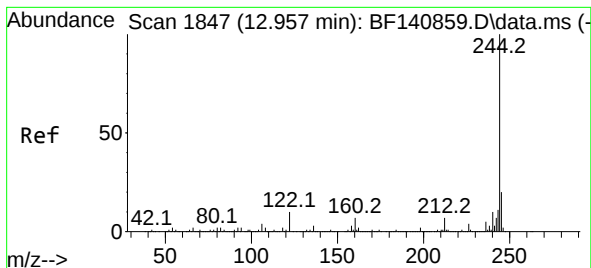
Tgt Ion:184 Resp: 7932  
Ion Ratio Lower Upper  
184 100  
185 18.9 11.1 16.7#  
183 12.1 9.0 13.4



#78  
Pyrene  
Concen: 46.721 ng  
RT: 12.822 min Scan# 1824  
Delta R.T. -0.000 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:202 Resp: 630095  
Ion Ratio Lower Upper  
202 100  
200 19.7 16.1 24.1  
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 91.694 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

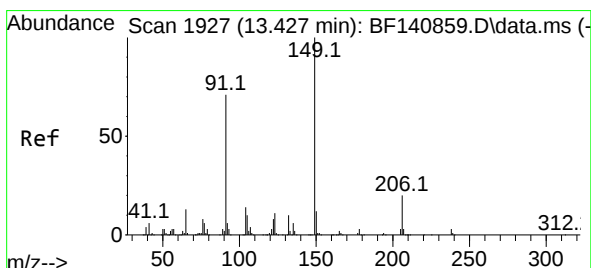
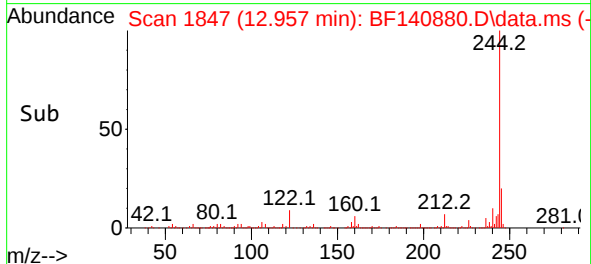
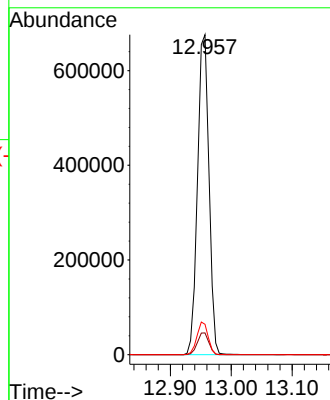
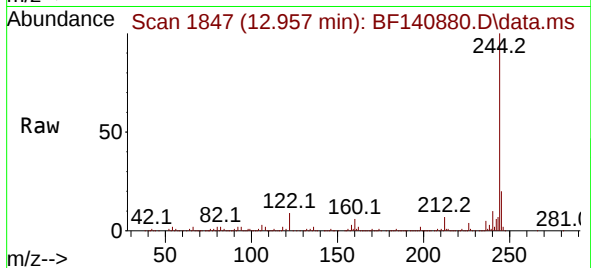
Tgt Ion:244 Resp: 881881

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 54.053 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

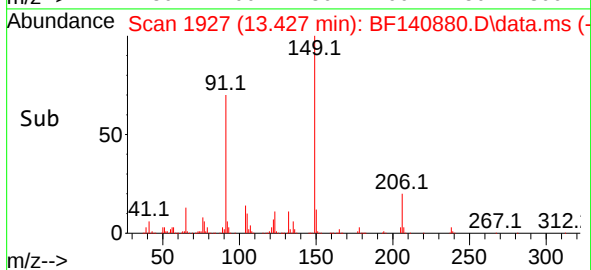
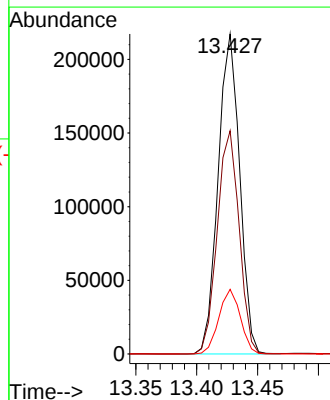
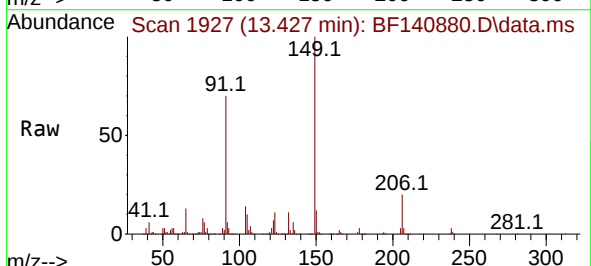
Tgt Ion:149 Resp: 268226

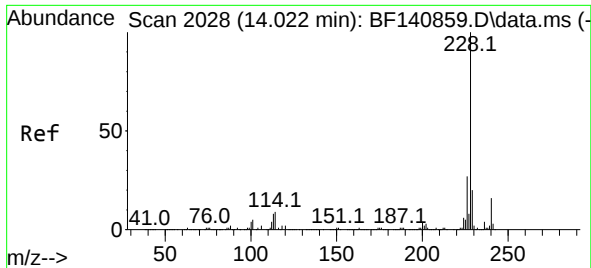
Ion Ratio Lower Upper

149 100

91 69.7 56.7 85.1

206 20.2 16.4 24.6

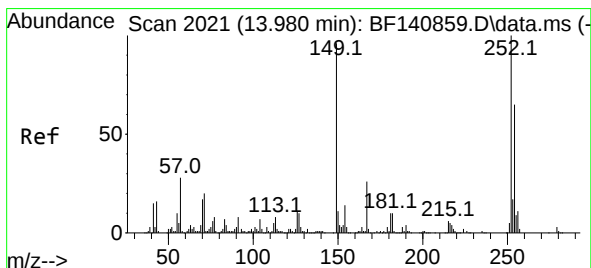
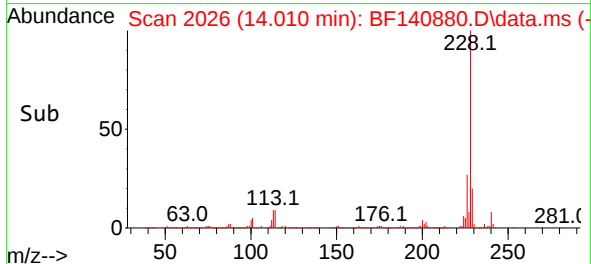
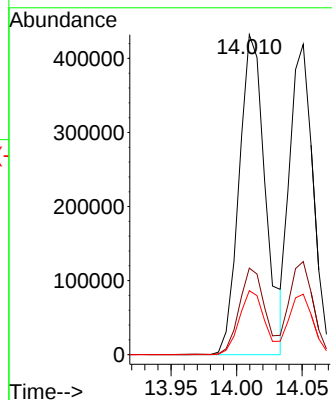
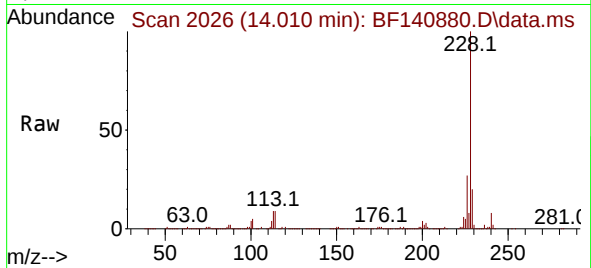




#81  
Benzo(a)anthracene  
Concen: 55.974 ng  
RT: 14.010 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

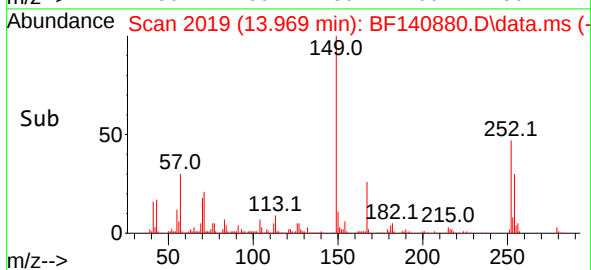
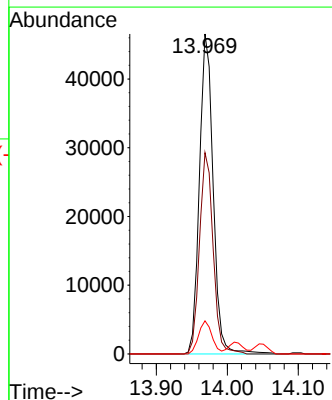
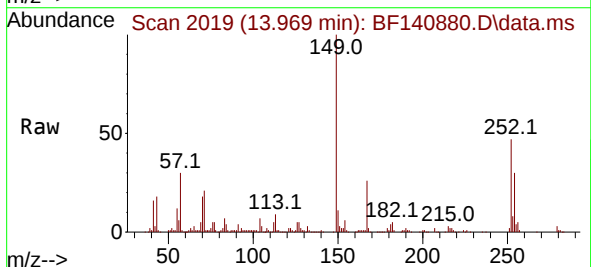
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

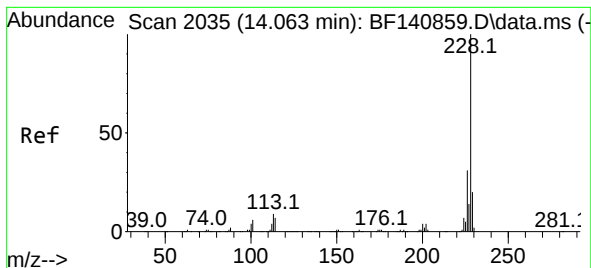
Tgt Ion:228 Resp: 601634  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.8 32.8  
229 20.0 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 19.354 ng  
RT: 13.969 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:252 Resp: 62764  
Ion Ratio Lower Upper  
252 100  
254 62.9 52.3 78.5  
126 10.4 8.4 12.6





#83

Chrysene

Concen: 52.898 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

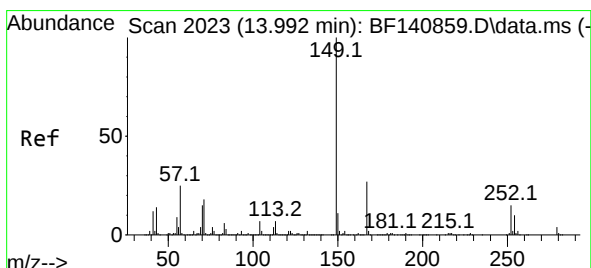
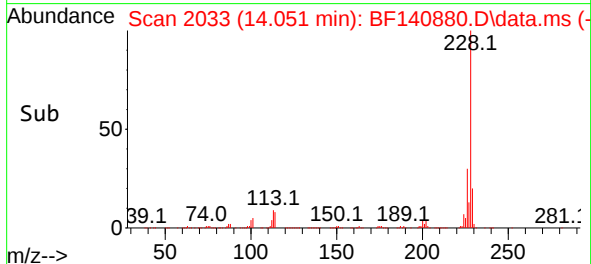
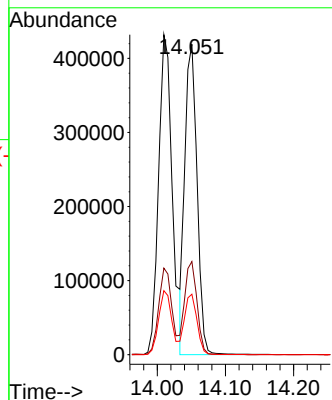
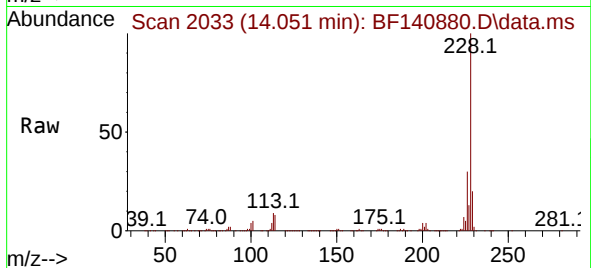
Tgt Ion:228 Resp: 517021

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.881 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

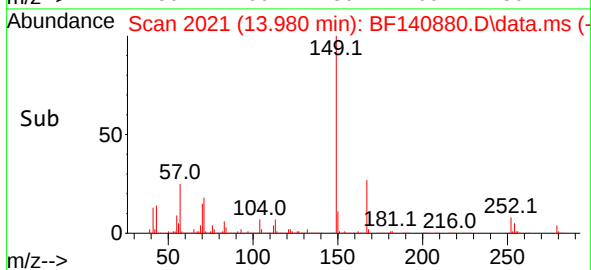
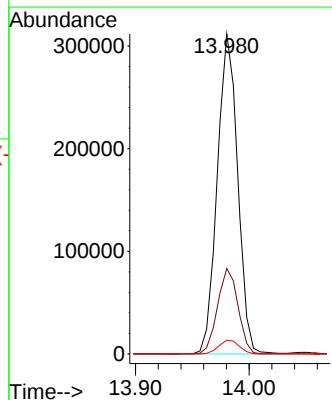
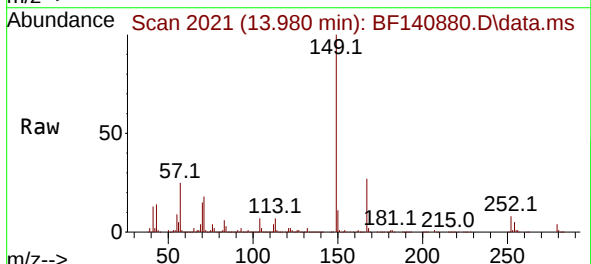
Tgt Ion:149 Resp: 389548

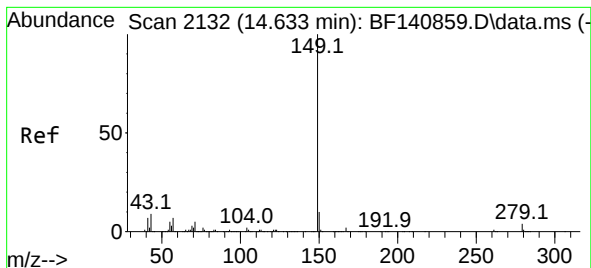
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 70.572 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

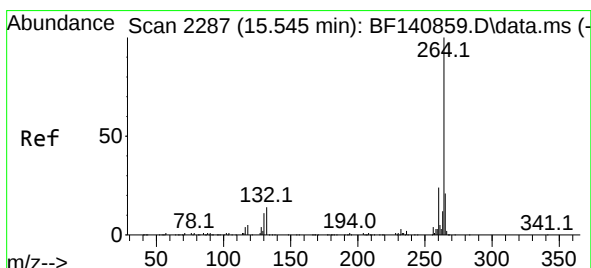
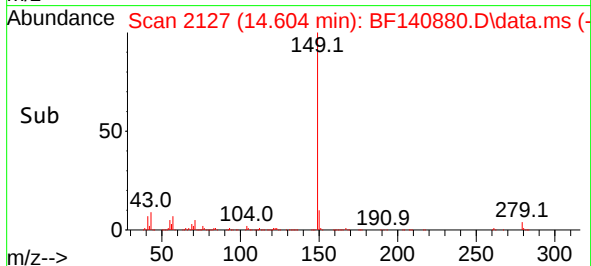
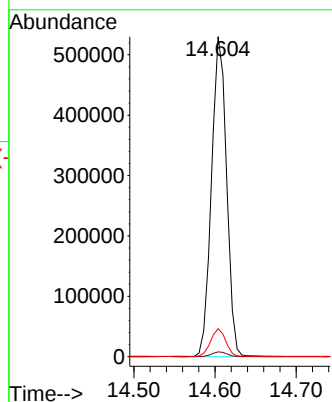
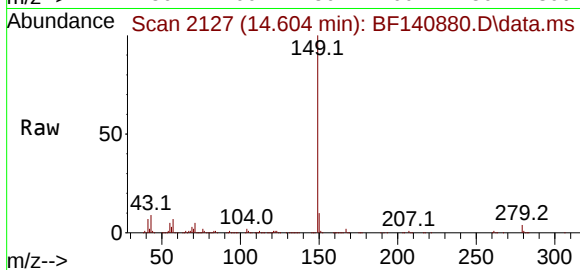
Tgt Ion:149 Resp: 683147

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

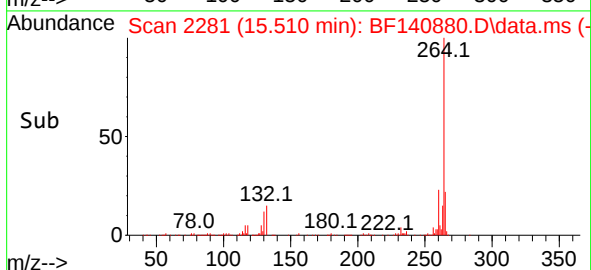
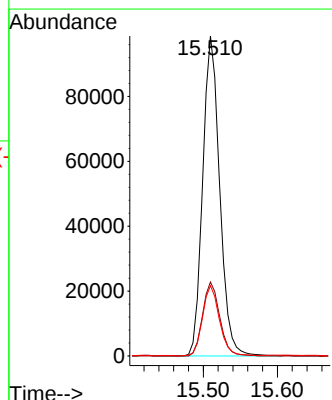
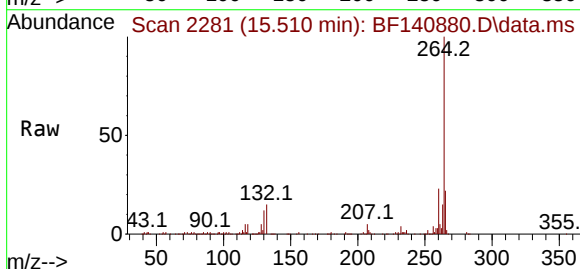
Tgt Ion:264 Resp: 157034

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.938 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

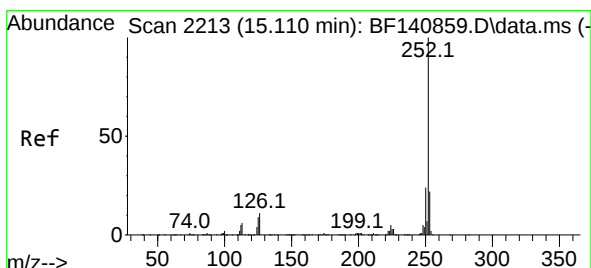
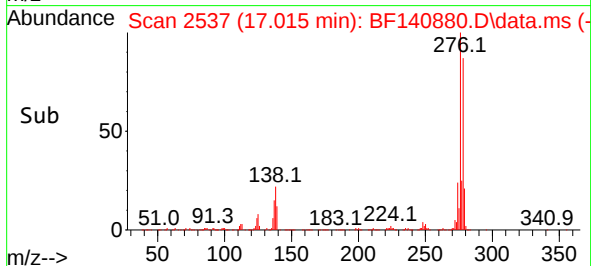
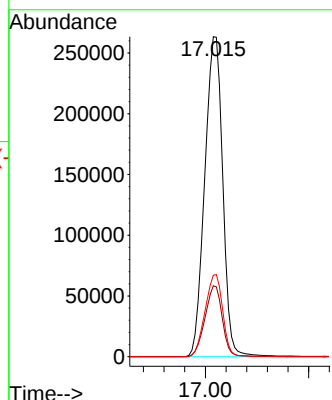
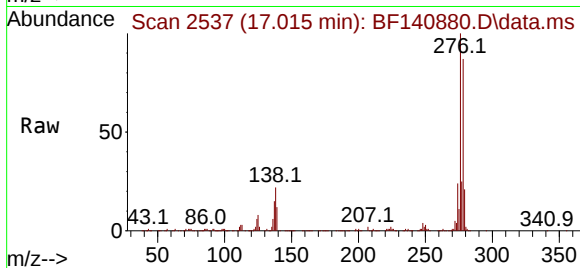
Tgt Ion:276 Resp: 636360

Ion Ratio Lower Upper

276 100

138 21.3 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.741 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.029 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

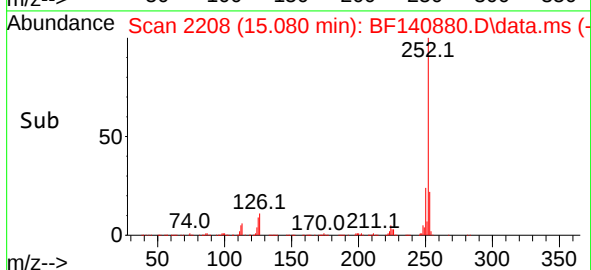
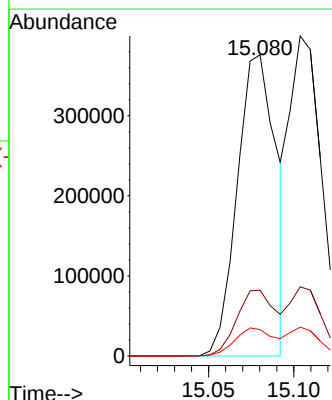
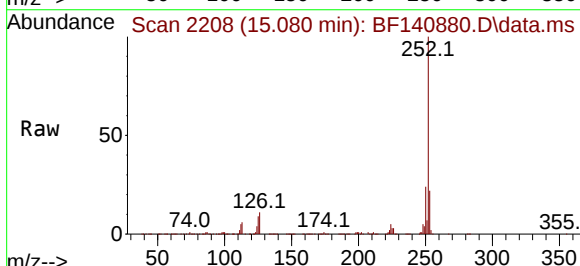
Tgt Ion:252 Resp: 596699

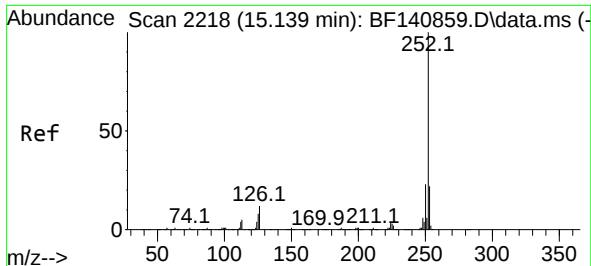
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.8 7.0 10.4

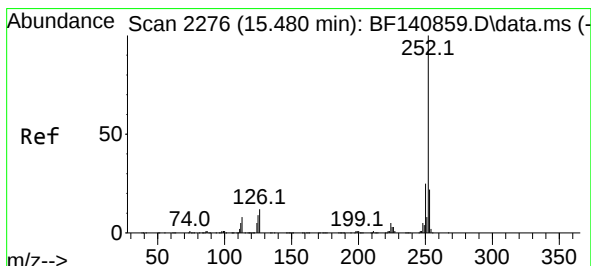
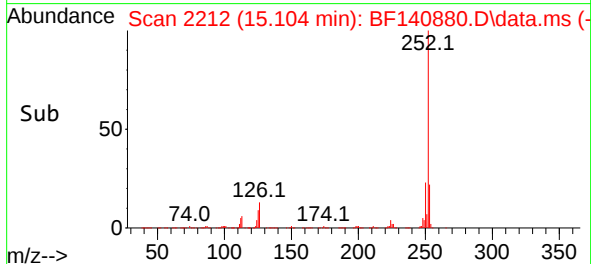
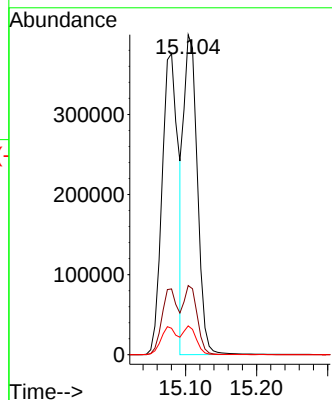
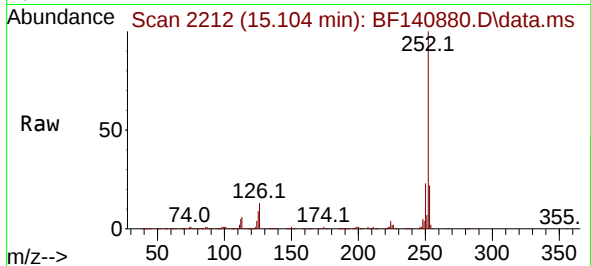




#89  
Benzo(k)fluoranthene  
Concen: 56.791 ng  
RT: 15.104 min Scan# 211  
Delta R.T. -0.035 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

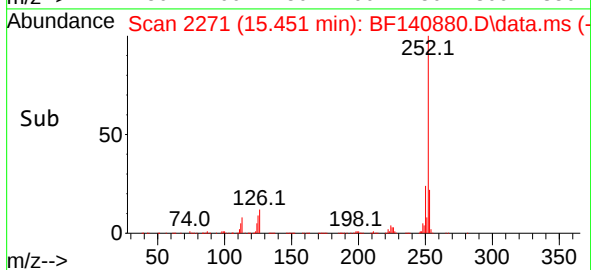
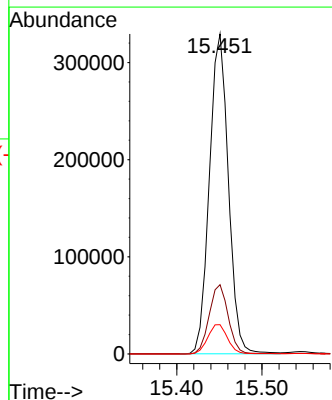
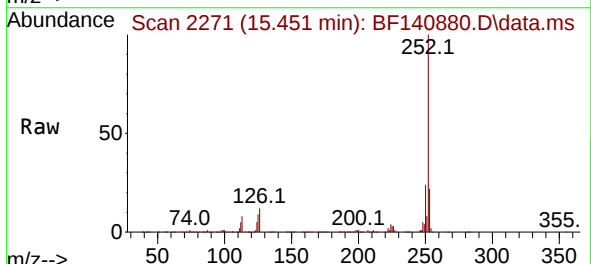
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

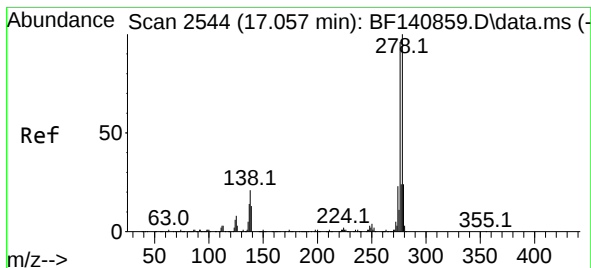
Tgt Ion:252 Resp: 531024  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 9.0 6.8 10.2



#90  
Benzo(a)pyrene  
Concen: 59.778 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. -0.029 min  
Lab File: BF140880.D  
Acq: 17 Dec 2024 13:01

Tgt Ion:252 Resp: 510229  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 9.1 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 65.323 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

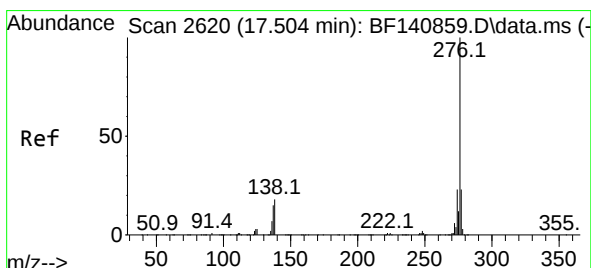
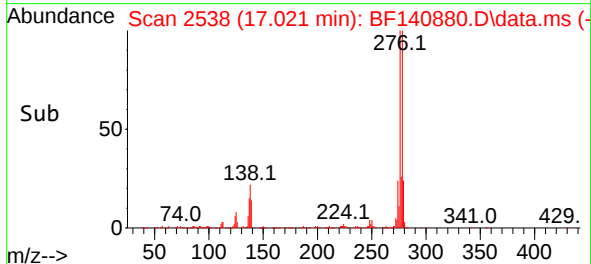
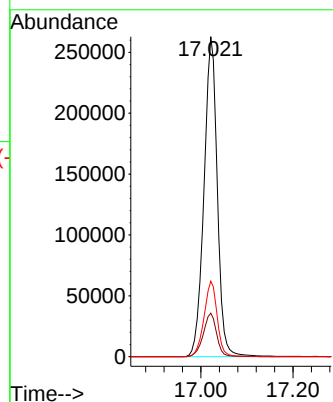
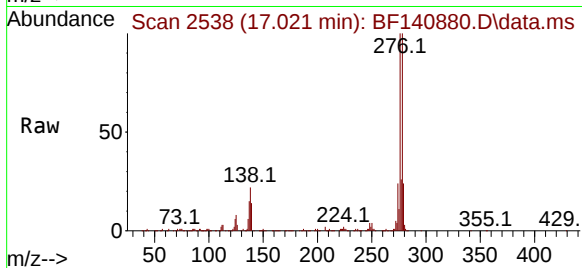
Tgt Ion:278 Resp: 530320

Ion Ratio Lower Upper

278 100

139 13.6 10.6 16.0

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 60.566 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:276 Resp: 500439

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 17.5 14.2 21.2

