

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080224\  
 Data File : BF138756.D  
 Acq On : 02 Aug 2024 19:56  
 Operator : RC/JU  
 Sample : P3387-05MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-10-Full Waste ClassMSD

Quant Time: Aug 02 23:23:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.846  | 152  | 54046    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 186861   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 89656    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 156972   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.016 | 240  | 90048    | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 15.480 | 264  | 77245    | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 372480   | 106.387 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.493  | 99   | 475992   | 101.260 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 295299   | 77.264  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 83717    | 113.993 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 467878   | 78.409  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 496831   | 92.376  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 58366    | 38.077  | ng    | 99       |
| 3) Pyridine                   | 3.422  | 79   | 157400   | 42.389  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 114093   | 51.591  | ng    | 98       |
| 6) Aniline                    | 6.510  | 93   | 139609   | 33.303  | ng    | # 24     |
| 8) 2-Chlorophenol             | 6.640  | 128  | 195515   | 53.077  | ng    | 96       |
| 9) Benzaldehyde               | 6.399  | 77   | 11596    | 4.115   | ng    | 95       |
| 10) Phenol                    | 6.504  | 94   | 251055   | 50.726  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 205996   | 54.087  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 208199   | 50.492  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 208321   | 50.062  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 195208   | 50.195  | ng    | 100      |
| 15) Benzyl Alcohol            | 6.993  | 79   | 178920   | 52.810  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 328485   | 50.116  | ng    | 63       |
| 17) 2-Methylphenol            | 7.110  | 107  | 148408   | 48.790  | ng    | # 91     |
| 18) Hexachloroethane          | 7.357  | 117  | 66955    | 42.745  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 146724   | 51.679  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 192409   | 49.302  | ng    | # 87     |
| 22) Acetophenone              | 7.257  | 105  | 250378   | 54.724  | ng    | 98       |
| 24) Nitrobenzene              | 7.434  | 77   | 207016   | 53.229  | ng    | 98       |
| 25) Isophorone                | 7.669  | 82   | 371862   | 56.980  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.745  | 139  | 82789    | 49.479  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.787  | 122  | 121393   | 60.637  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 225939   | 56.851  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 138037   | 53.659  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 154667   | 52.099  | ng    | 98       |
| 31) Naphthalene               | 8.151  | 128  | 507423   | 51.589  | ng    | 99       |
| 32) Benzoic acid              | 7.916  | 122  | 68946    | 43.812  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 100677   | 30.493  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 96877    | 53.876  | ng    | 100      |
| 35) Caprolactam               | 8.569  | 113  | 42003    | 54.720  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 146837   | 49.945  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.840  | 142  | 310642   | 50.008  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.940  | 142  | 280883   | 46.145  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 129330   | 51.929  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.987  | 237  | 18288    | 32.293  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 85539    | 56.331  | ng    | 99       |

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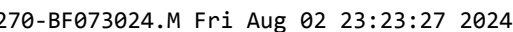
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-10-Full Waste ClassMSD

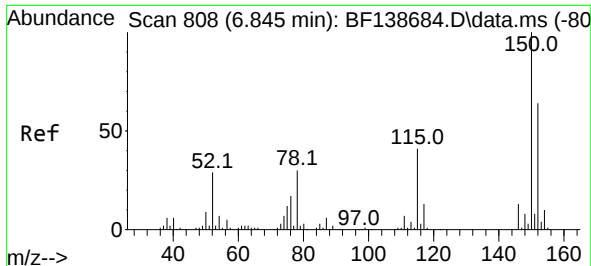
Quant Time: Aug 02 23:23:17 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 87620    | 52.782  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 353509   | 50.345  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 273127   | 52.300  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.434  | 65   | 105483   | 59.581  | ng    | 96       |
| 49) Acenaphthylene            | 9.745  | 152  | 431117   | 58.206  | ng    | 100      |
| 50) Dimethylphthalate         | 9.604  | 163  | 340211   | 59.345  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 65453    | 50.591  | ng    | 94       |
| 52) Acenaphthene              | 9.916  | 154  | 259627   | 52.145  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.839  | 138  | 73731    | 55.127  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 14985    | 25.161  | ng    | 93       |
| 55) Dibenzofuran              | 10.092 | 168  | 379256   | 53.961  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.022 | 139  | 92123    | 114.540 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.081 | 165  | 83329    | 50.483  | ng    | 93       |
| 58) Fluorene                  | 10.434 | 166  | 302654   | 54.075  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 68849    | 54.249  | ng    | 97       |
| 60) Diethylphthalate          | 10.304 | 149  | 325496   | 59.882  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 149349   | 54.256  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 79576    | 62.608  | ng    | 96       |
| 63) Azobenzene                | 10.581 | 77   | 330872   | 54.884  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 11568    | 12.079  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 258342   | 52.652  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 87930    | 51.738  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.981 | 284  | 89410    | 50.953  | ng    | 98       |
| 69) Atrazine                  | 11.069 | 200  | 79501    | 62.801  | ng    | 98       |
| 70) Pentachlorophenol         | 11.181 | 266  | 87471    | 110.590 | ng    | 97       |
| 71) Phenanthrene              | 11.398 | 178  | 487624   | 60.329  | ng    | 100      |
| 72) Anthracene                | 11.445 | 178  | 468863   | 58.883  | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 418489   | 60.917  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.928 | 149  | 530012   | 68.630  | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 568743   | 75.372  | ng    | 100      |
| 77) Benzidine                 | 12.710 | 184  | 87816    | 40.773  | ng    | 99       |
| 78) Pyrene                    | 12.816 | 202  | 546434   | 64.451  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 214902   | 79.154  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 389352   | 62.790  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 97032    | 61.148  | ng    | 100      |
| 83) Chrysene                  | 14.039 | 228  | 341082   | 60.968  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 310603   | 78.126  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 441185   | 59.980  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.957 | 276  | 270503   | 48.866  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 334412   | 69.837  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 250277   | 60.367  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 264269   | 65.612  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.968 | 278  | 211668   | 46.581  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.404 | 276  | 197058   | 41.790  | ng    | 98       |

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

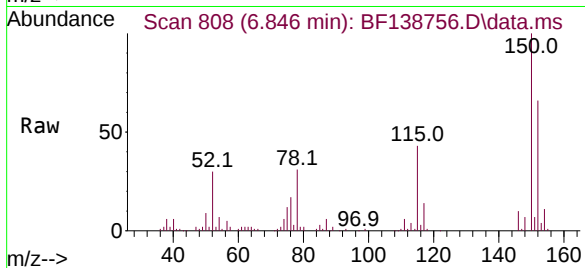
Quant Time: Aug 02 23:23:17 2024  
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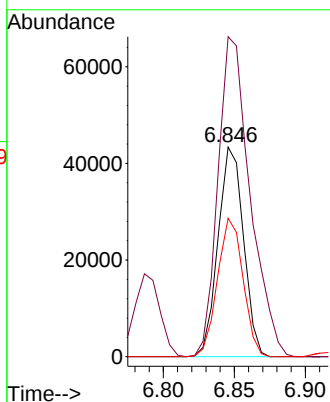
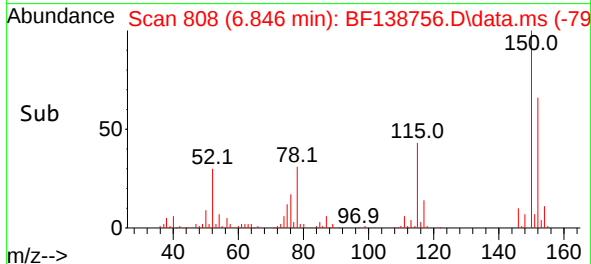


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.846 min Scan# 80  
 Delta R.T. 0.001 min  
 Lab File: BF138756.D  
 Acq: 02 Aug 2024 19:56

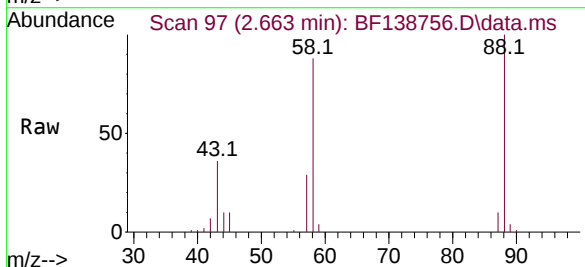
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-10-Full Waste ClassMSD



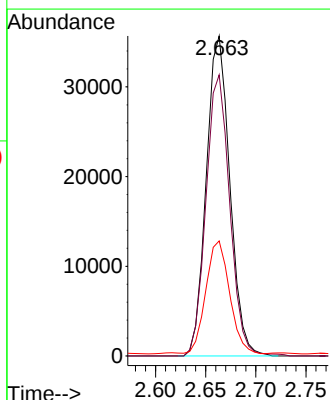
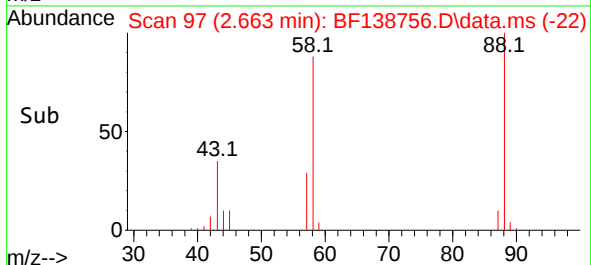
Tgt Ion:152 Resp: 54046  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 126.0 189.0  
 115 66.1 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 38.077 ng  
 RT: 2.663 min Scan# 97  
 Delta R.T. 0.088 min  
 Lab File: BF138756.D  
 Acq: 02 Aug 2024 19:56



Tgt Ion: 88 Resp: 58366  
 Ion Ratio Lower Upper  
 88 100  
 58 88.8 71.6 107.4  
 43 35.9 28.7 43.1





#3

Pyridine

Concen: 42.389 ng

RT: 3.422 min Scan# 211

Delta R.T. 0.088 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

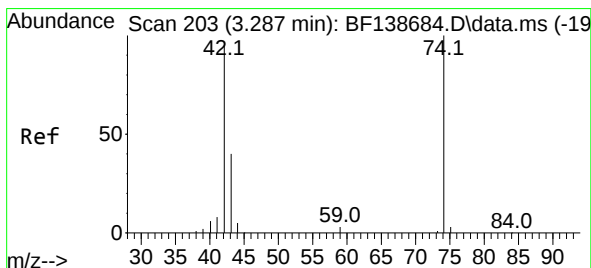
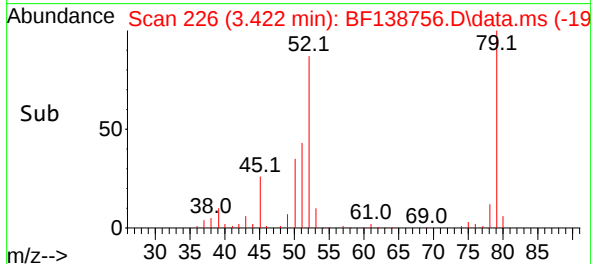
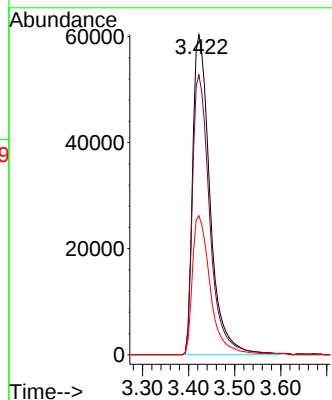
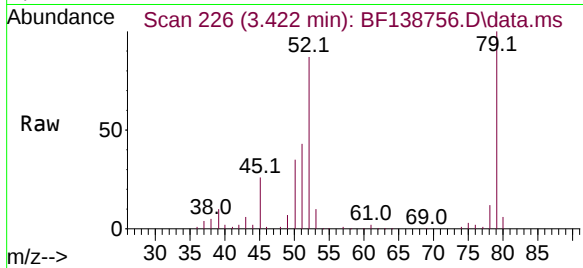
BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

Tgt Ion: 79 Resp: 157400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 87.4  | 74.7  | 112.1 |
| 51  | 43.5  | 34.6  | 51.8  |



#4

n-Nitrosodimethylamine

Concen: 51.591 ng

RT: 3.375 min Scan# 218

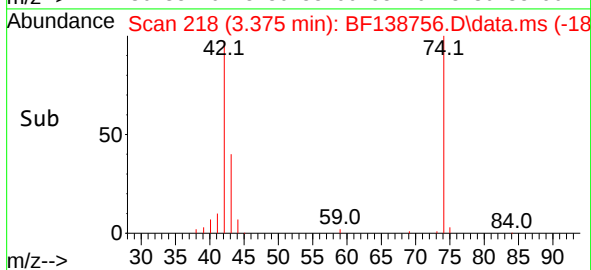
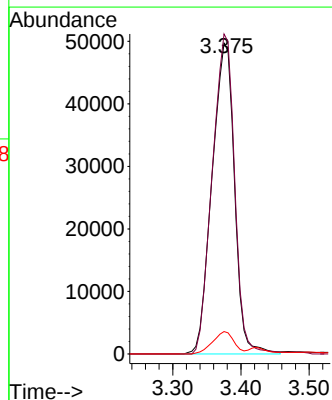
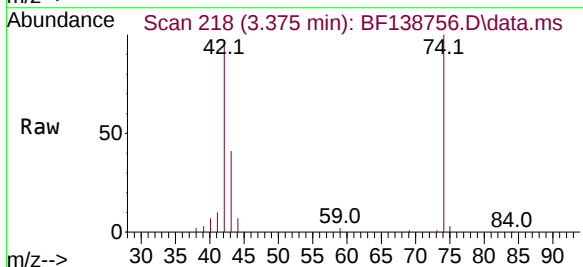
Delta R.T. 0.088 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Tgt Ion: 42 Resp: 114093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 102.9 | 84.2  | 126.4 |
| 44  | 7.2   | 4.9   | 7.3   |

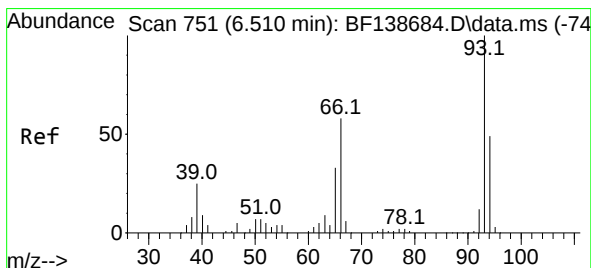
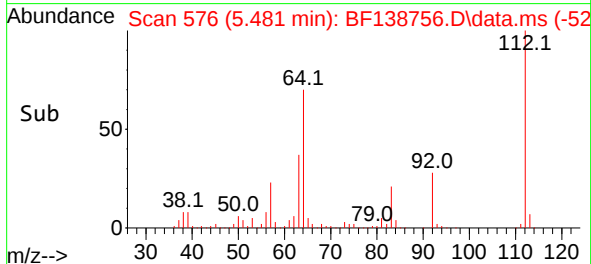
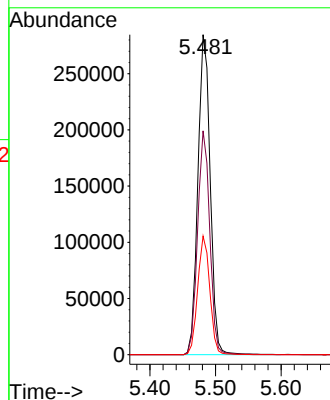
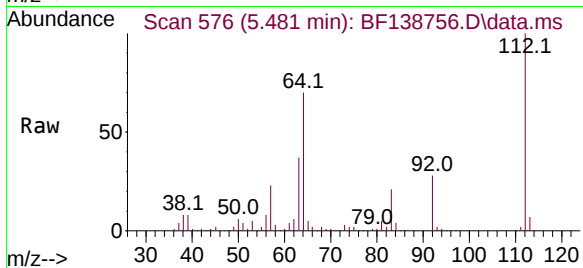




#5  
2-Fluorophenol  
Concen: 106.387 ng  
RT: 5.481 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

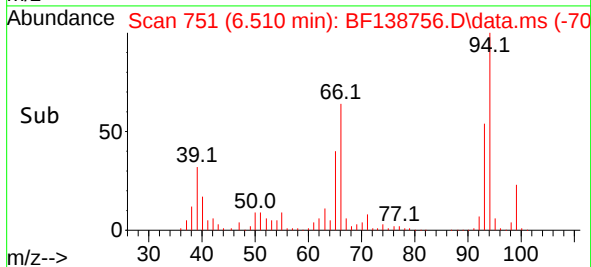
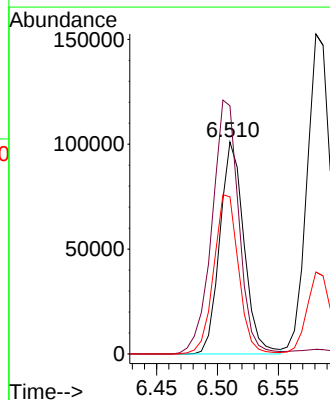
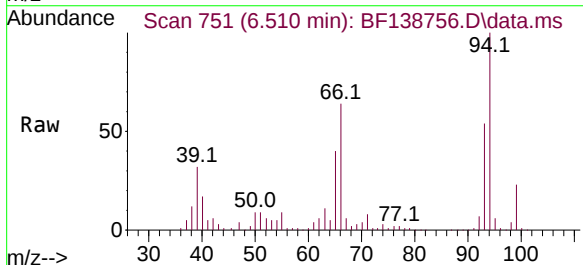
Instrument :  
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Tgt Ion:112 Resp: 372480  
Ion Ratio Lower Upper  
112 100  
64 69.9 54.2 81.4  
63 37.0 28.7 43.1



#6  
Aniline  
Concen: 33.303 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion: 93 Resp: 139609  
Ion Ratio Lower Upper  
93 100  
66 117.0 46.9 70.3#  
65 74.1 26.5 39.7#





#7

Phenol-d6

Concen: 101.260 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

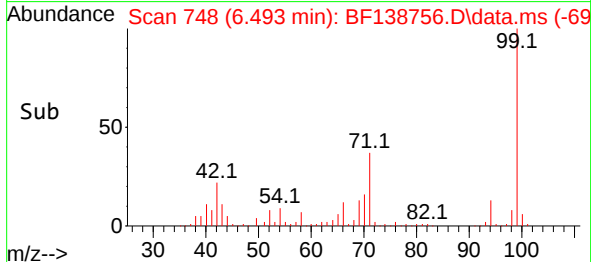
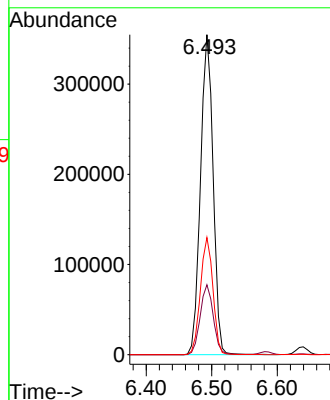
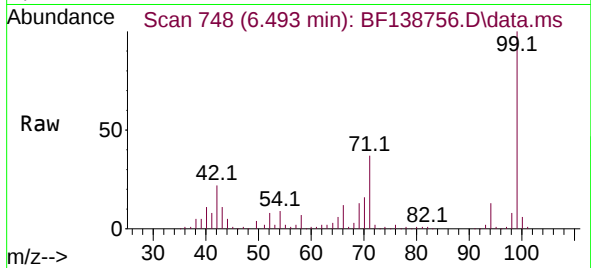
Tgt Ion: 99 Resp: 475992

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 36.6 28.1 42.1



#8

2-Chlorophenol

Concen: 53.077 ng

RT: 6.640 min Scan# 773

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

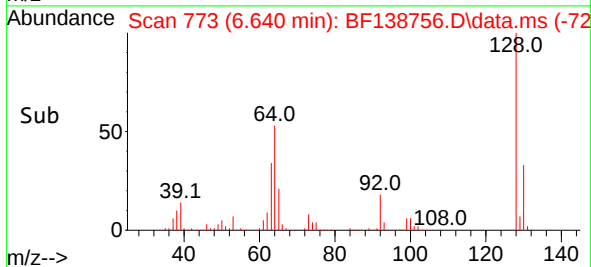
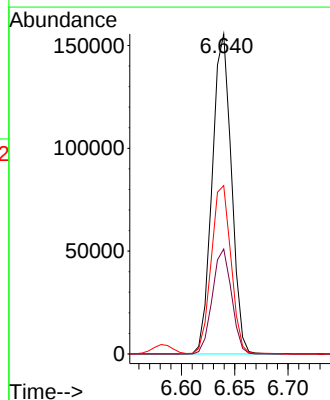
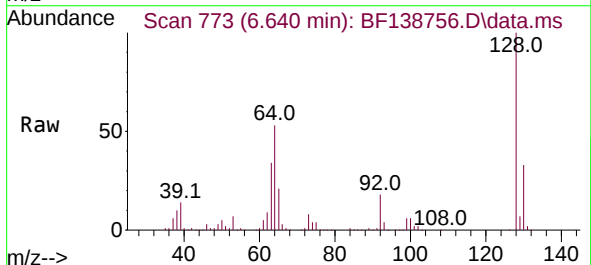
Tgt Ion:128 Resp: 195515

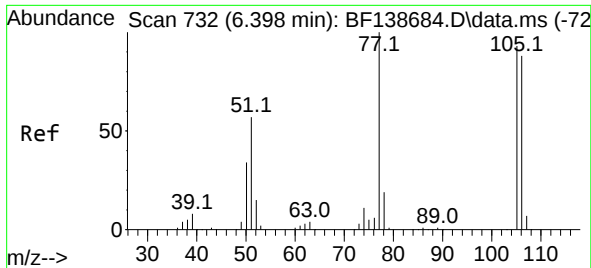
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 52.6 36.3 76.3





#9

Benzaldehyde

Concen: 4.115 ng

RT: 6.399 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

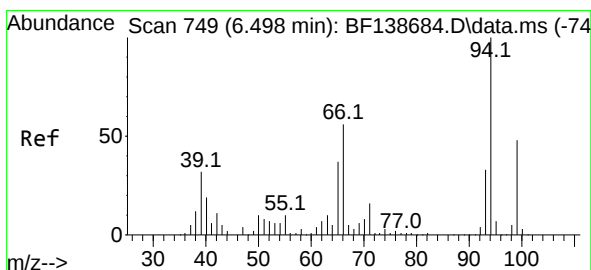
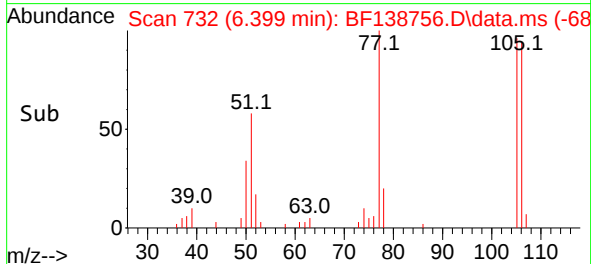
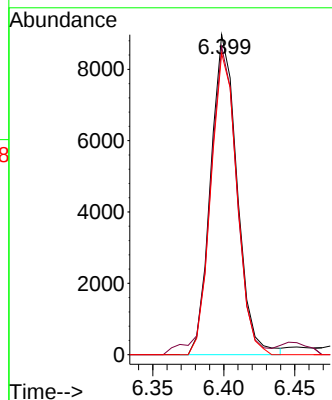
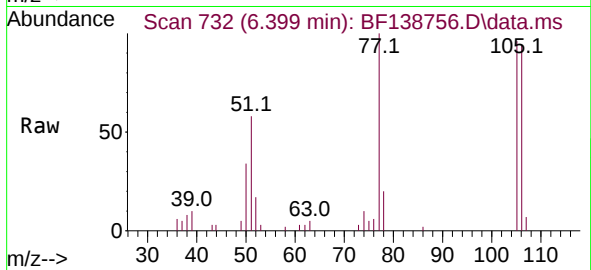
Tgt Ion: 77 Resp: 11596

Ion Ratio Lower Upper

77 100

105 96.2 72.9 112.9

106 94.2 68.4 108.4



#10

Phenol

Concen: 50.726 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

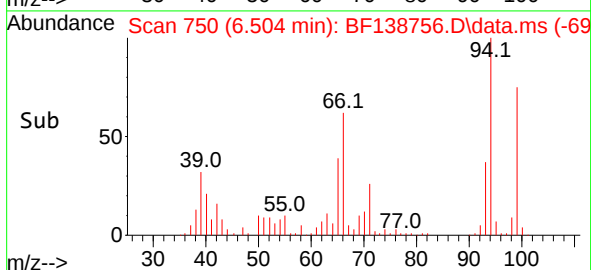
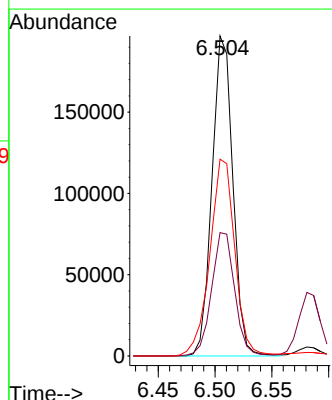
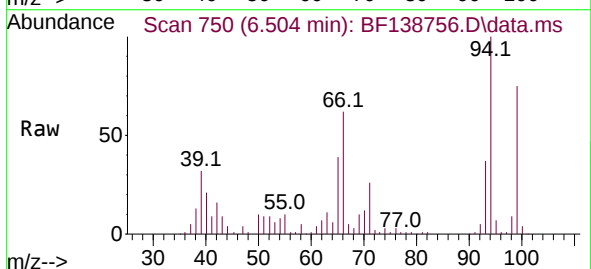
Tgt Ion: 94 Resp: 251055

Ion Ratio Lower Upper

94 100

65 38.6 16.9 56.9

66 61.5 36.5 76.5

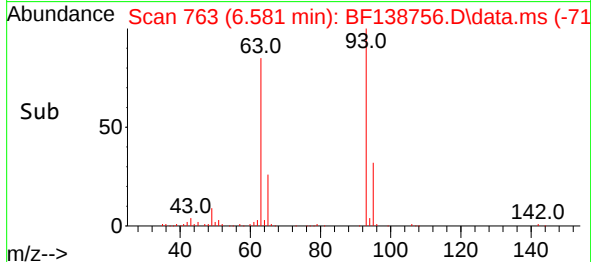
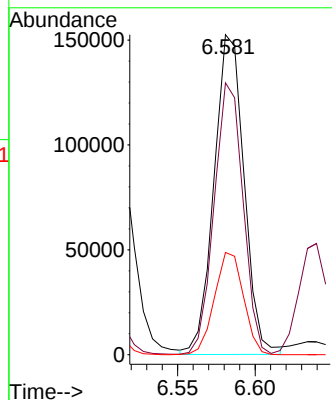
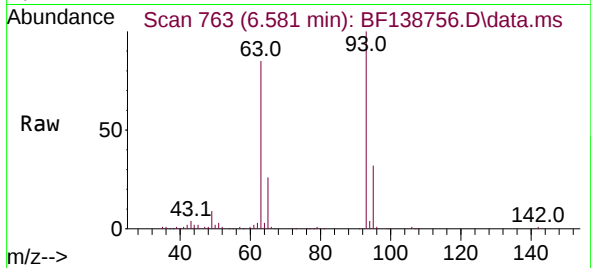




#11  
bis(2-Chloroethyl)ether  
Concen: 54.087 ng  
RT: 6.581 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

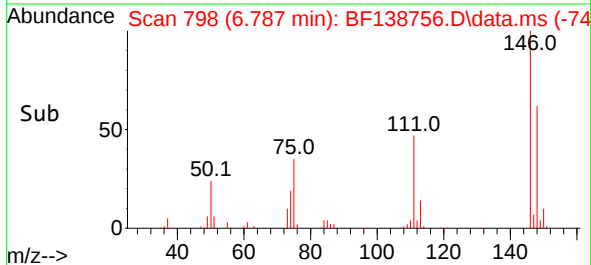
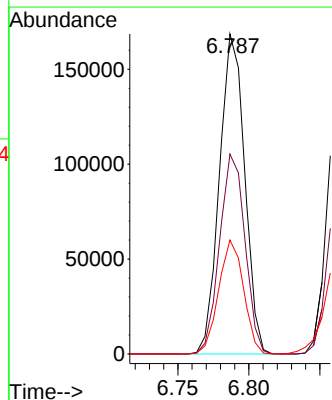
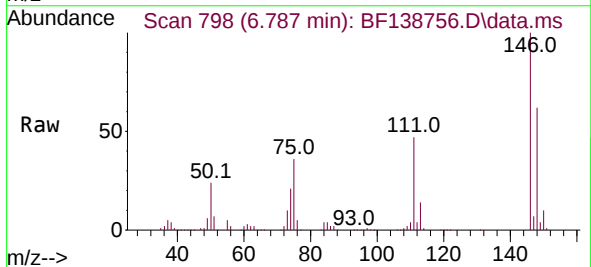
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion: 93 Resp: 205996  
Ion Ratio Lower Upper  
93 100  
63 84.9 65.3 105.3  
95 32.0 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 50.492 ng  
RT: 6.787 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:146 Resp: 208199  
Ion Ratio Lower Upper  
146 100  
148 62.5 51.2 76.8  
75 35.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.062 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138756.D

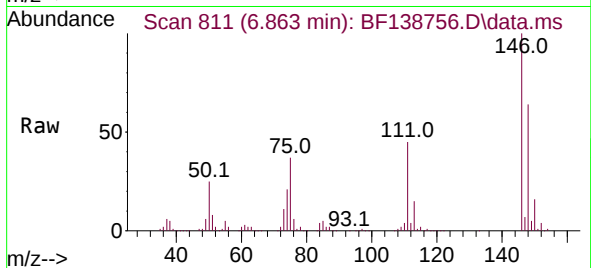
Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD



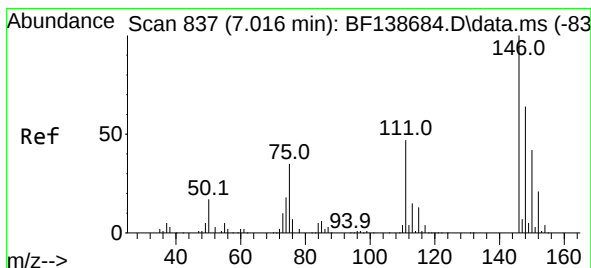
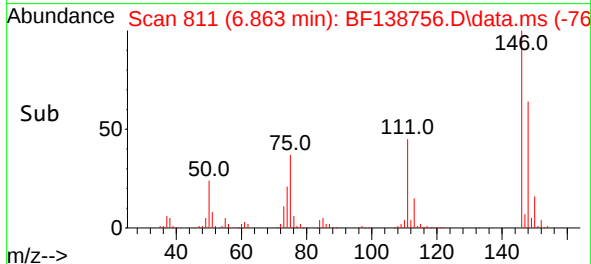
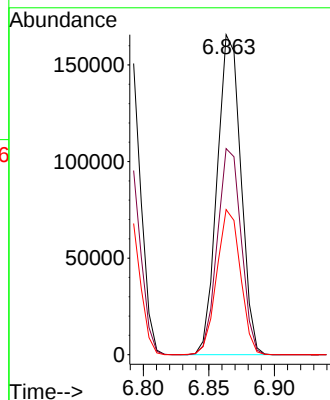
Tgt Ion:146 Resp: 208321

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 50.195 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

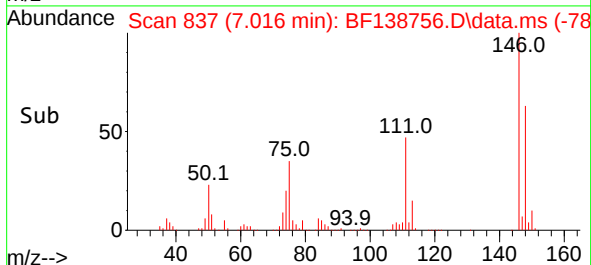
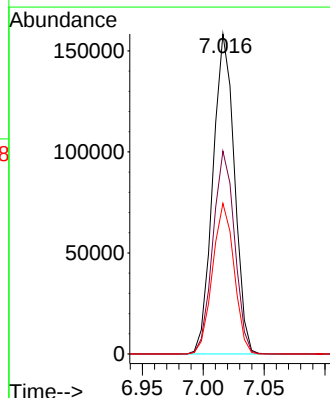
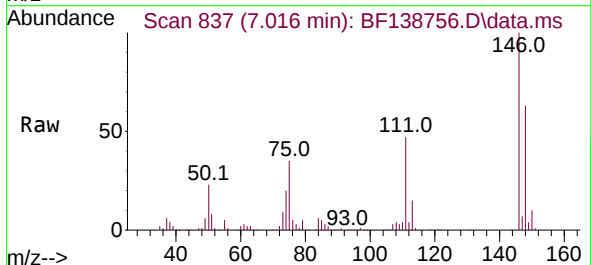
Tgt Ion:146 Resp: 195208

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 47.0 37.4 56.2

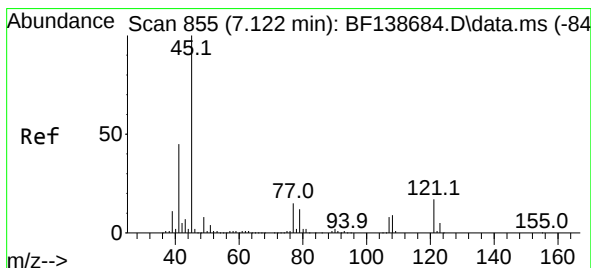
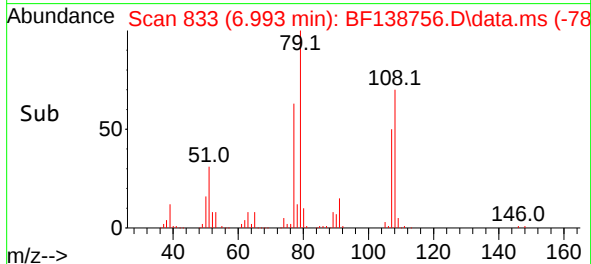
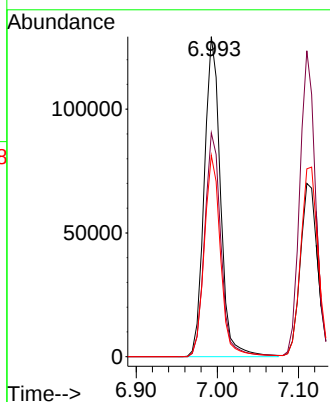
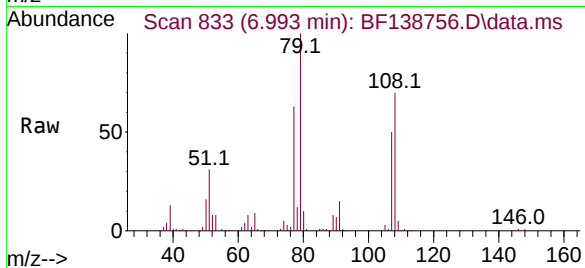




#15  
Benzyl Alcohol  
Concen: 52.810 ng  
RT: 6.993 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

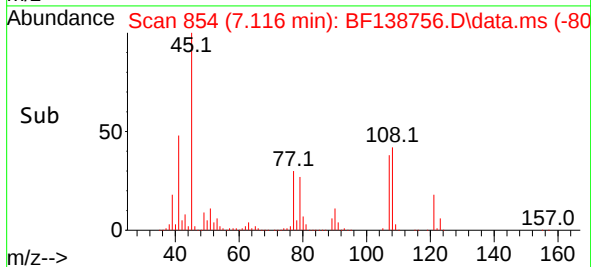
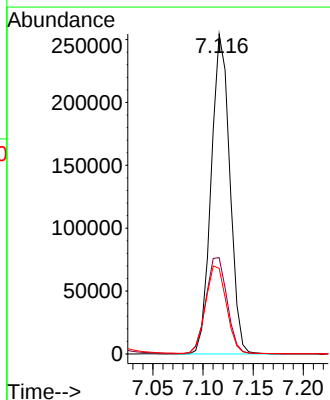
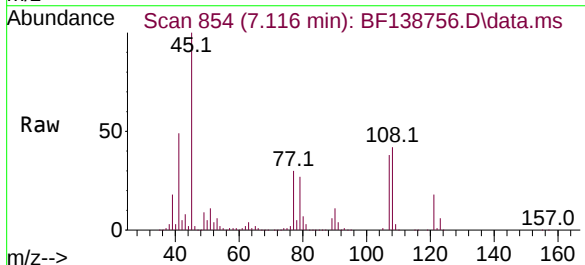
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion: 79 Resp: 178920  
Ion Ratio Lower Upper  
79 100  
108 70.0 56.6 85.0  
77 62.9 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.116 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion: 45 Resp: 328485  
Ion Ratio Lower Upper  
45 100  
77 30.1 0.0 34.9  
79 26.8 0.0 32.2

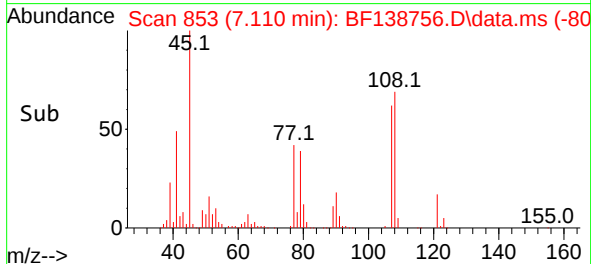
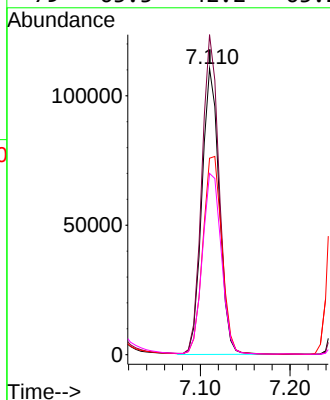
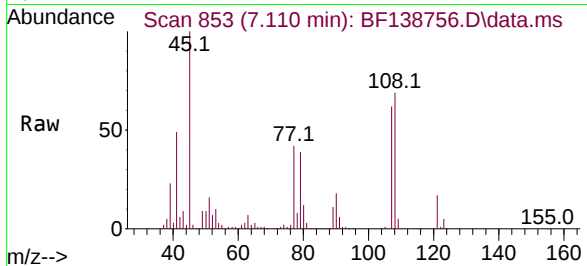




#17  
2-Methylphenol  
Concen: 48.790 ng  
RT: 7.110 min Scan# 853  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

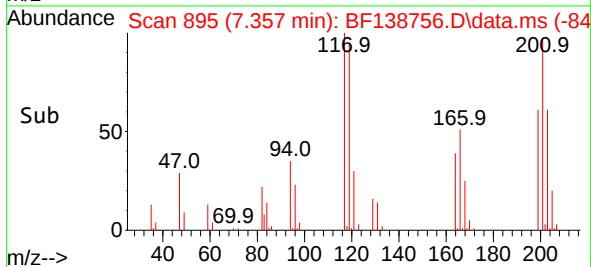
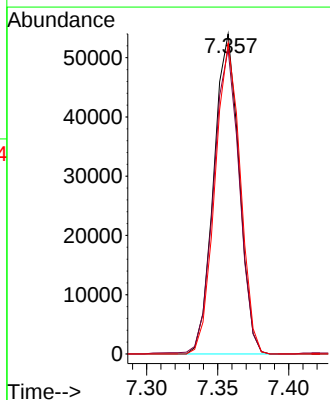
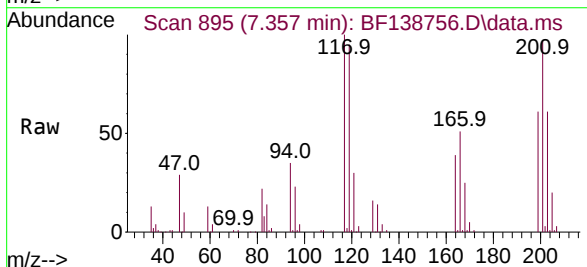
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion:107 Resp: 148408  
Ion Ratio Lower Upper  
107 100  
108 111.8 89.2 133.8  
77 68.7 43.0 64.4#  
79 63.3 42.2 63.2#



#18  
Hexachloroethane  
Concen: 42.745 ng  
RT: 7.357 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:117 Resp: 66955  
Ion Ratio Lower Upper  
117 100  
119 95.3 74.6 111.8  
201 97.1 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.679 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138756.D

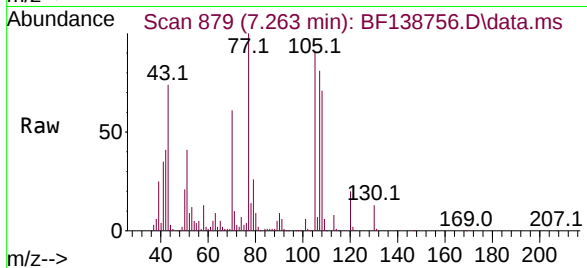
Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD



Tgt Ion: 70 Resp: 146724

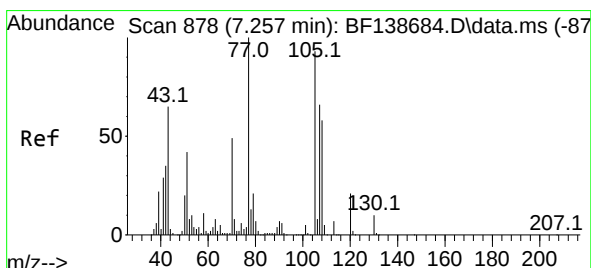
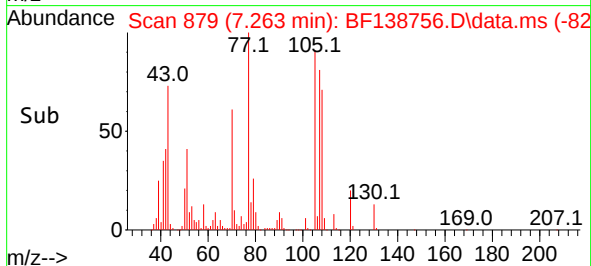
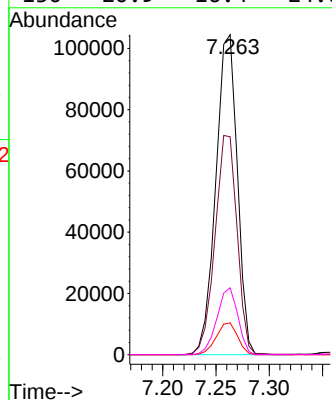
Ion Ratio Lower Upper

70 100

42 68.1 57.4 86.0

101 9.9 7.5 11.3

130 20.9 16.4 24.6



#20

3+4-Methylphenols

Concen: 49.302 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Tgt Ion: 107 Resp: 192409

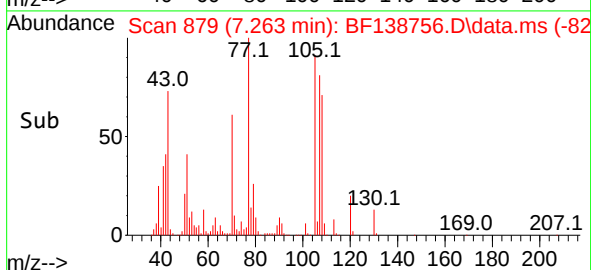
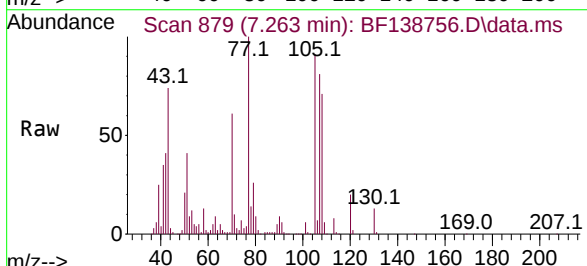
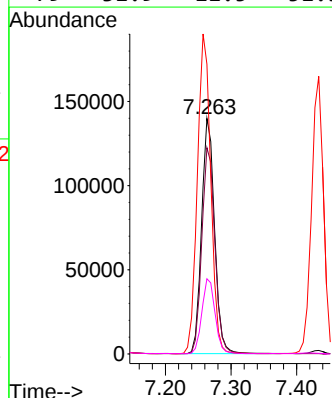
Ion Ratio Lower Upper

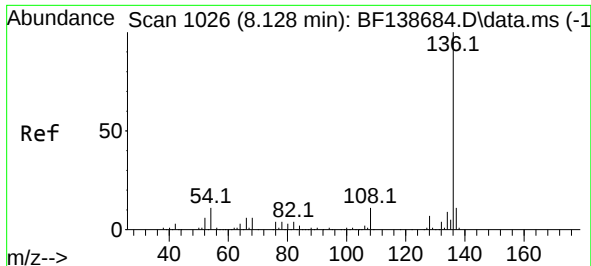
107 100

108 87.6 68.2 108.2

77 123.1 132.1 172.1#

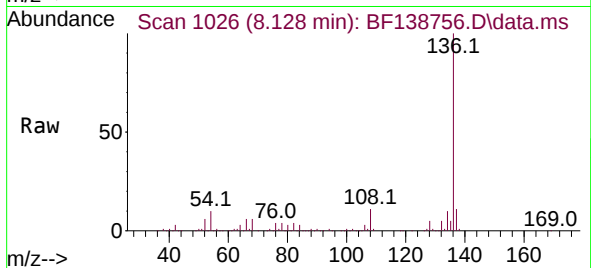
79 31.9 11.5 51.5



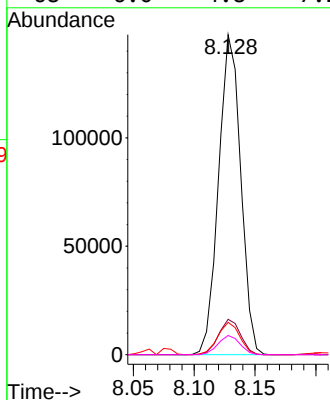
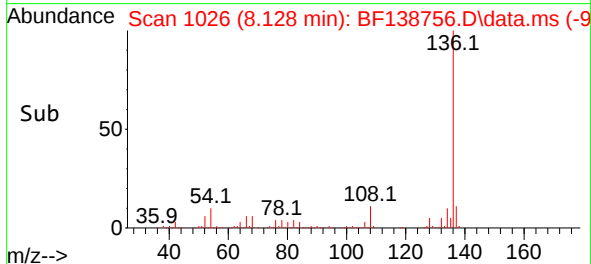


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

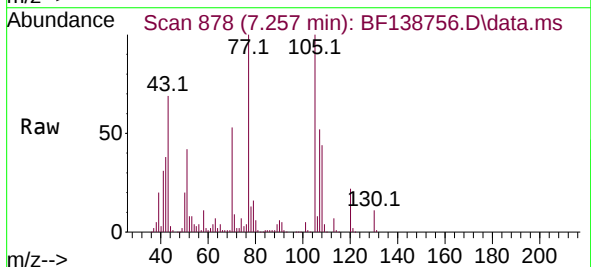
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD



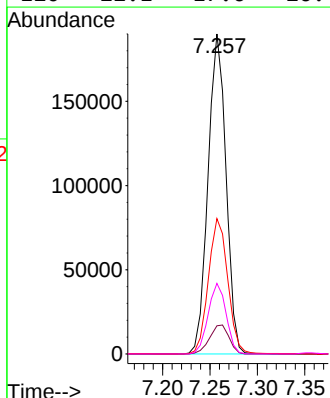
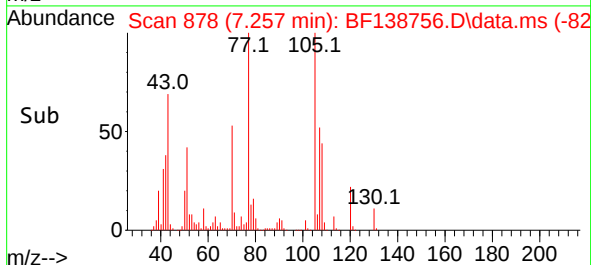
Tgt Ion:136 Resp: 186861  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 10.1 8.6 12.8  
68 6.0 4.8 7.2

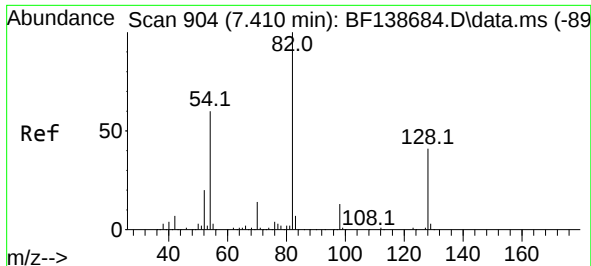


#22  
Acetophenone  
Concen: 54.724 ng  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56



Tgt Ion:105 Resp: 250378  
Ion Ratio Lower Upper  
105 100  
71 8.8 7.2 10.8  
51 42.3 35.9 53.9  
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 77.264 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

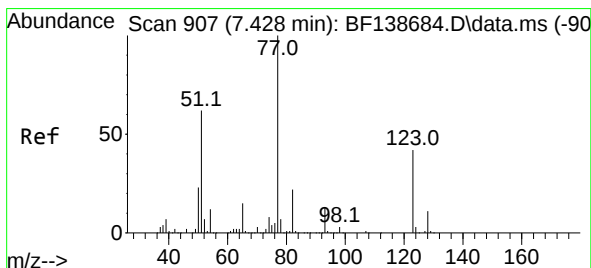
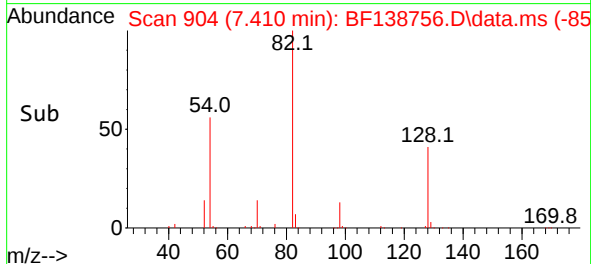
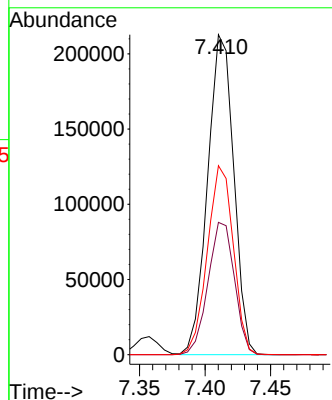
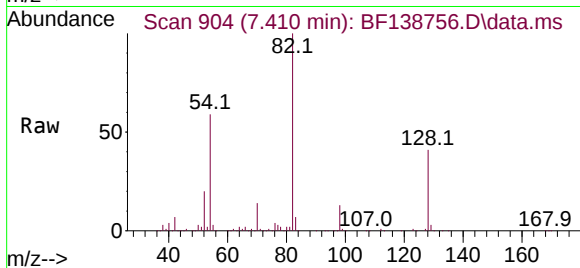
Tgt Ion: 82 Resp: 295299

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 59.0 48.3 72.5



#24

Nitrobenzene

Concen: 53.229 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

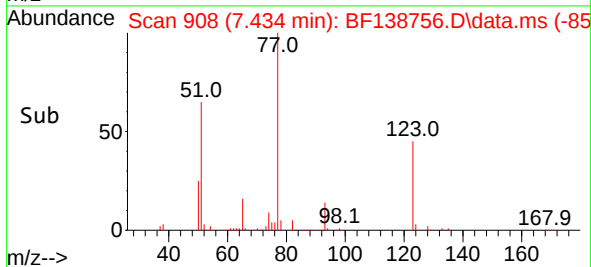
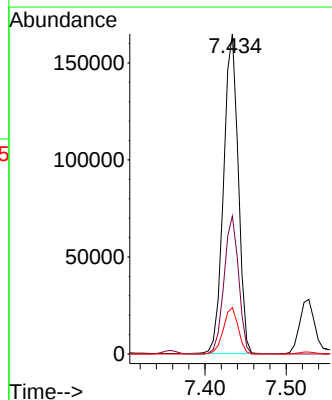
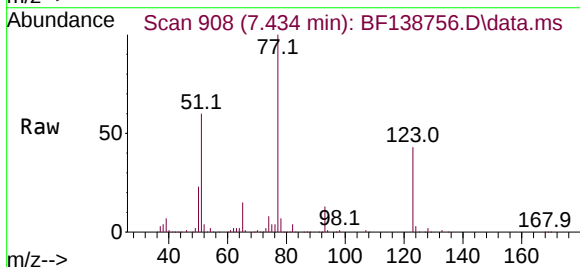
Tgt Ion: 77 Resp: 207016

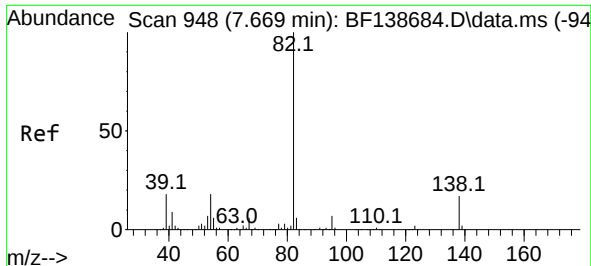
Ion Ratio Lower Upper

77 100

123 43.1 33.3 49.9

65 14.5 11.9 17.9

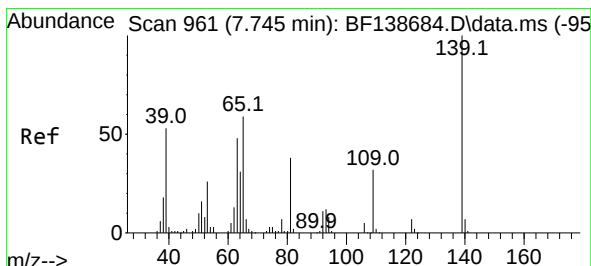
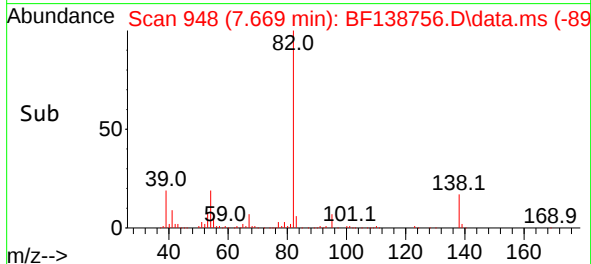
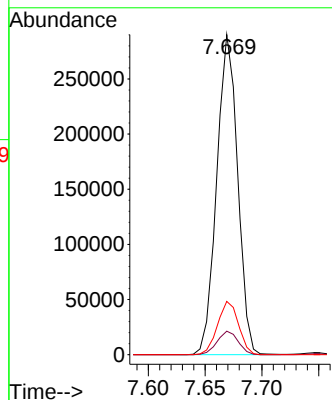
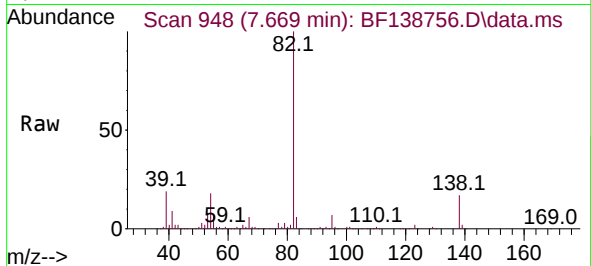




#25  
Isophorone  
Concen: 56.980 ng  
RT: 7.669 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

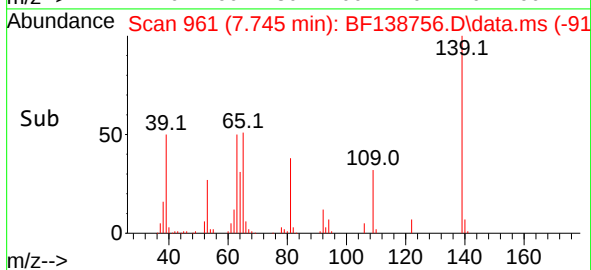
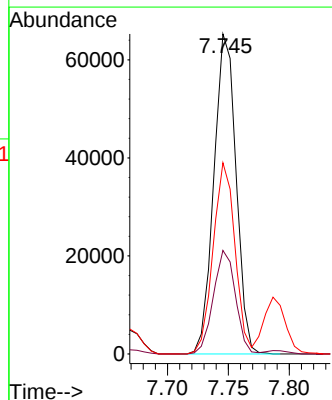
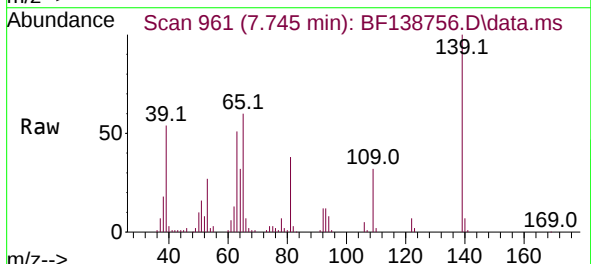
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

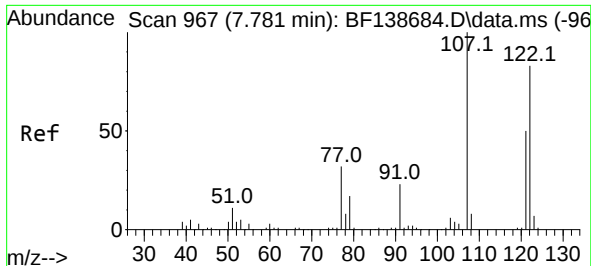
Tgt Ion: 82 Resp: 371862  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 16.6 13.7 20.5



#26  
2-Nitrophenol  
Concen: 49.479 ng  
RT: 7.745 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion: 139 Resp: 82789  
Ion Ratio Lower Upper  
139 100  
109 32.4 25.9 38.9  
65 59.7 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 60.637 ng

RT: 7.787 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

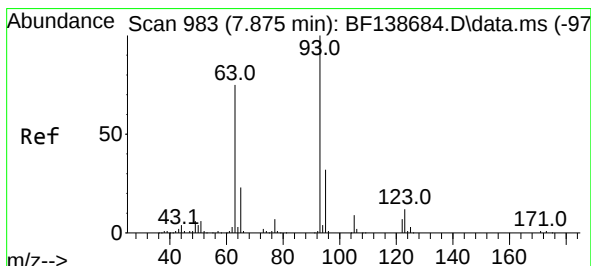
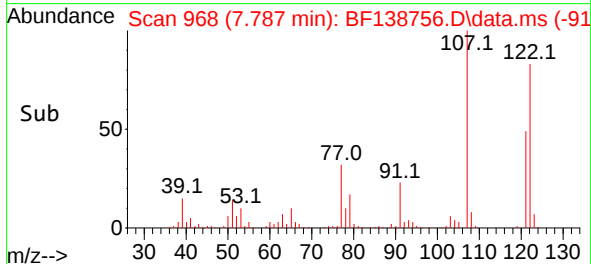
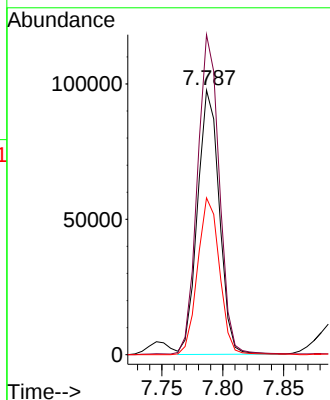
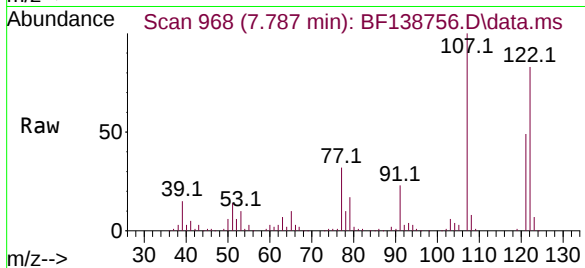
Tgt Ion:122 Resp: 121393

Ion Ratio Lower Upper

122 100

107 121.0 95.0 142.6

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 56.851 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

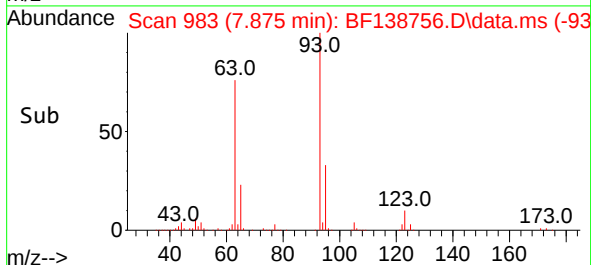
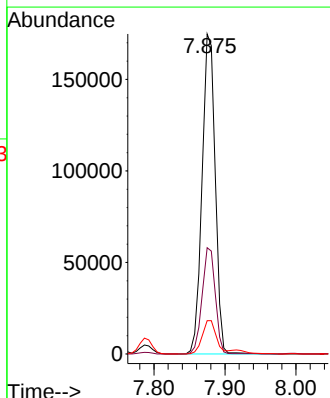
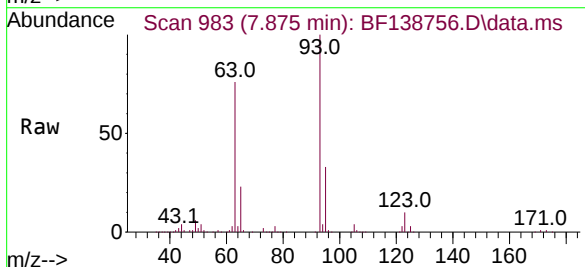
Tgt Ion: 93 Resp: 225939

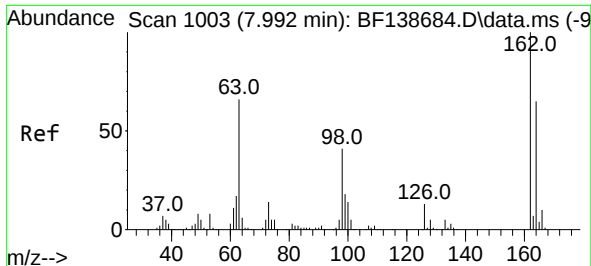
Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.659 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

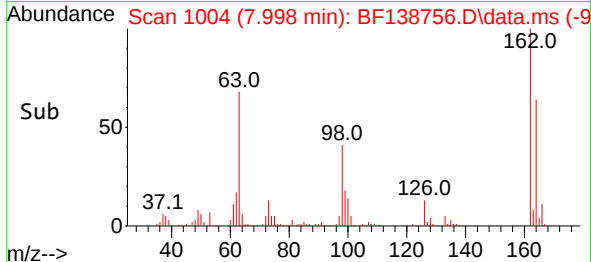
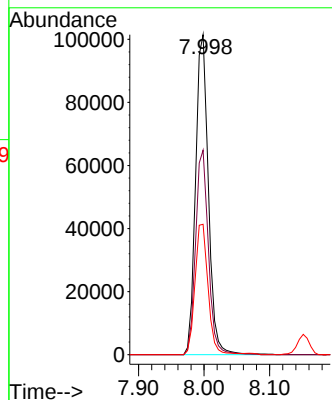
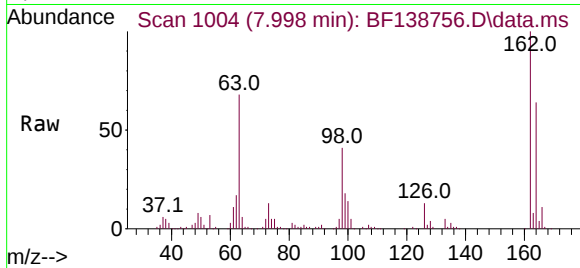
Tgt Ion:162 Resp: 138037

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 40.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 52.099 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

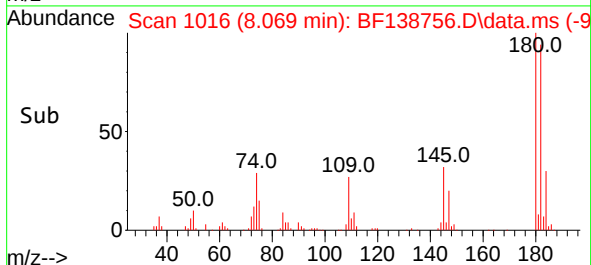
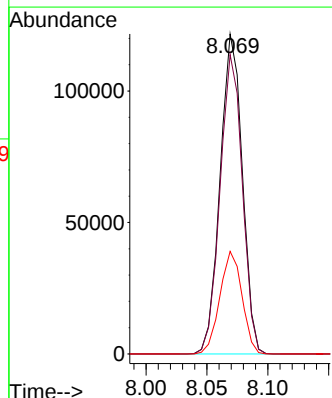
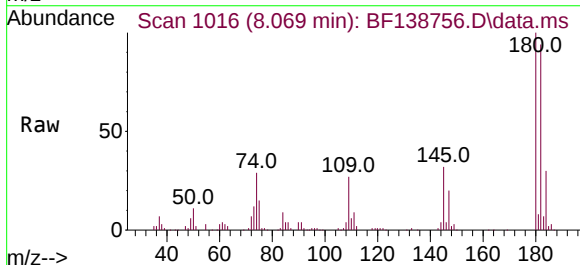
Tgt Ion:180 Resp: 154667

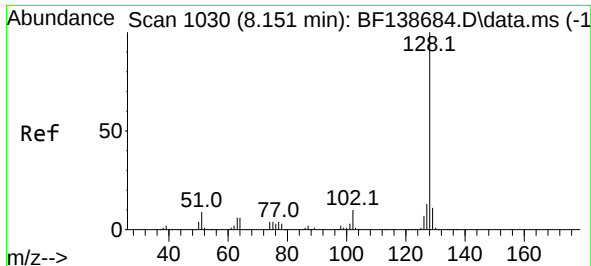
Ion Ratio Lower Upper

180 100

182 93.5 76.9 115.3

145 32.1 25.0 37.4

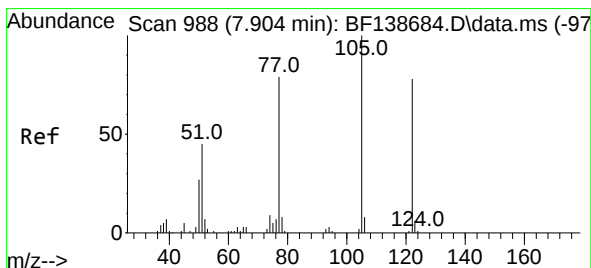
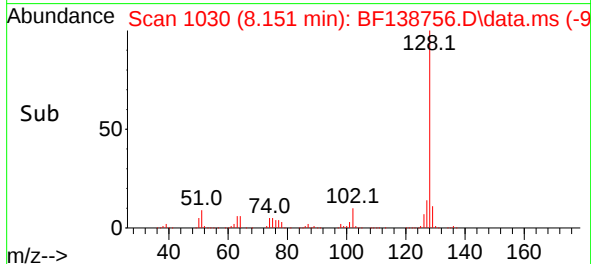
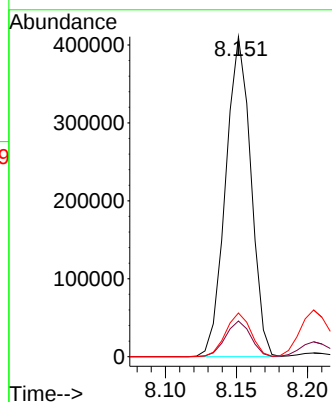
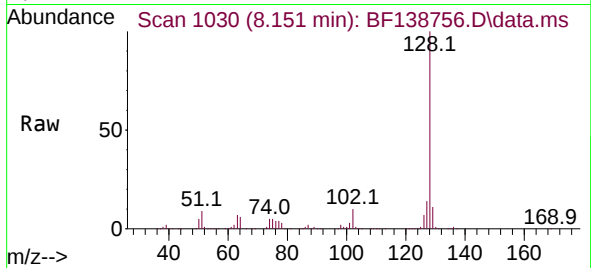




#31  
Naphthalene  
Concen: 51.589 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

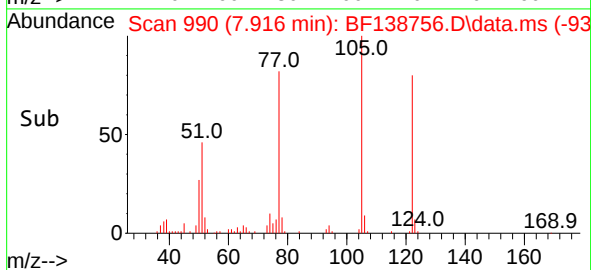
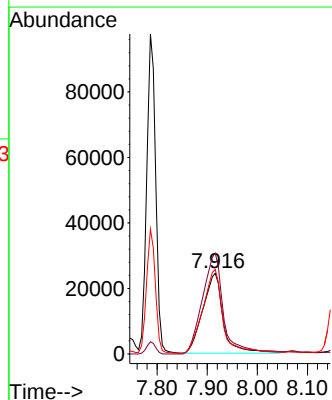
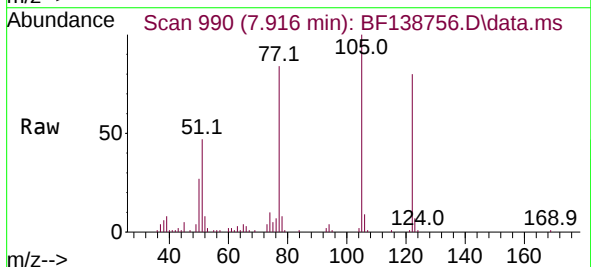
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

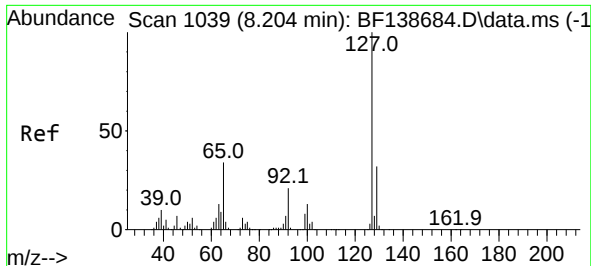
Tgt Ion:128 Resp: 507423  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.7 10.6 16.0



#32  
Benzoic acid  
Concen: 43.812 ng  
RT: 7.916 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:122 Resp: 68946  
Ion Ratio Lower Upper  
122 100  
105 125.0 106.7 146.7  
77 104.7 81.1 121.1

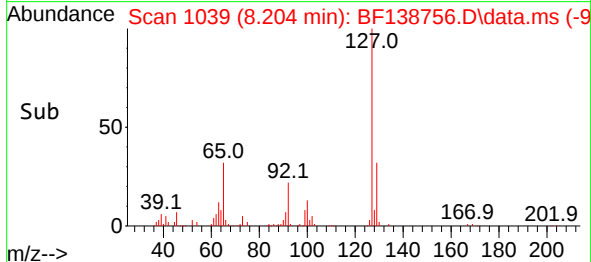
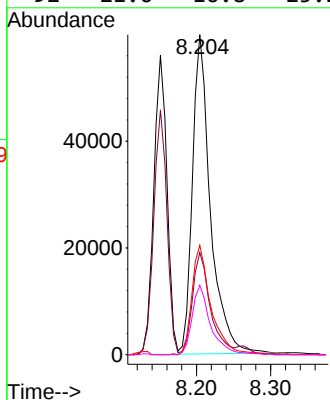
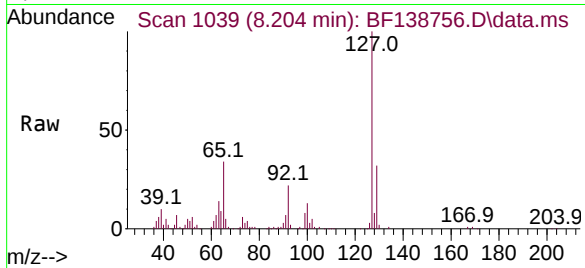




#33  
4-Chloroaniline  
Concen: 30.493 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

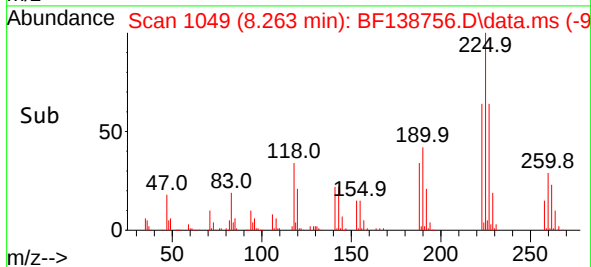
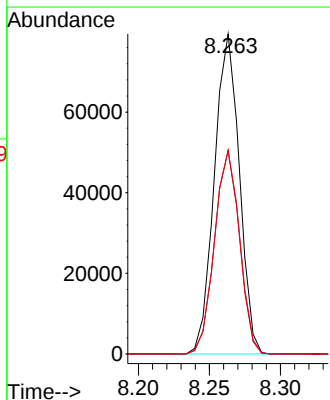
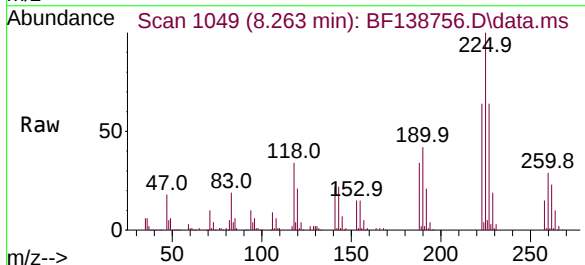
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

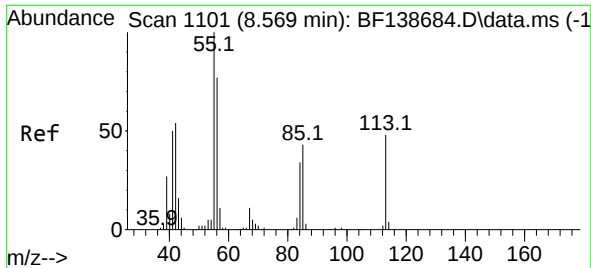
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 100677 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.9  | 38.9   |
| 65       | 34.2  | 27.6  | 41.4   |
| 92       | 21.6  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 53.876 ng  
RT: 8.263 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 96877 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.5  | 51.2  | 76.8  |
| 227      | 63.6  | 51.1  | 76.7  |

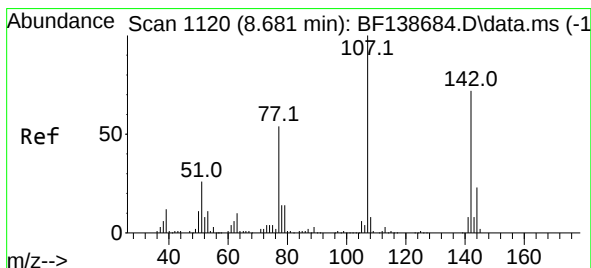
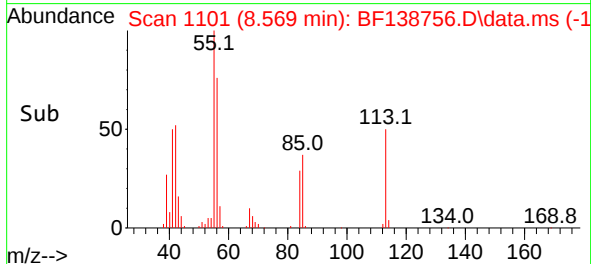
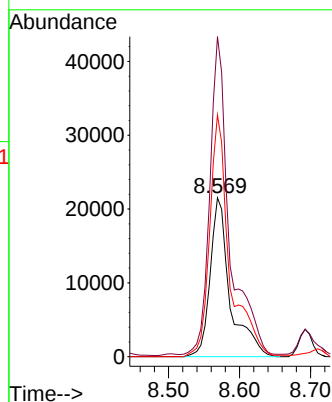
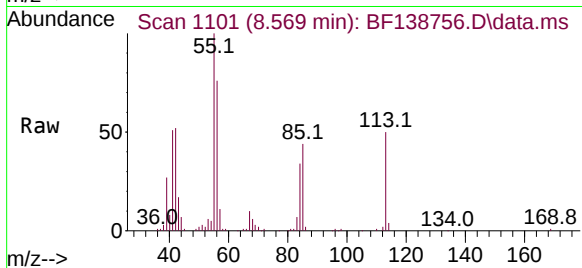




#35  
 Caprolactam  
 Concen: 54.720 ng  
 RT: 8.569 min Scan# 1101  
 Delta R.T. 0.000 min  
 Lab File: BF138756.D  
 Acq: 02 Aug 2024 19:56

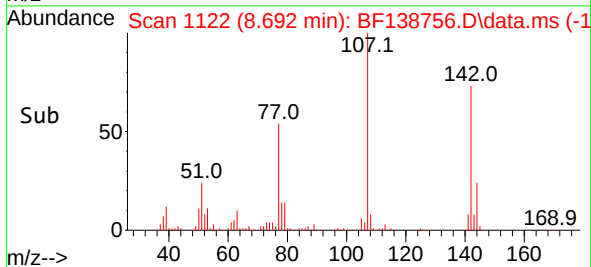
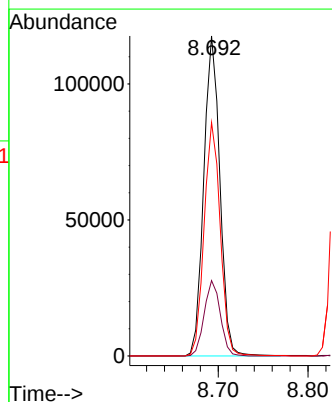
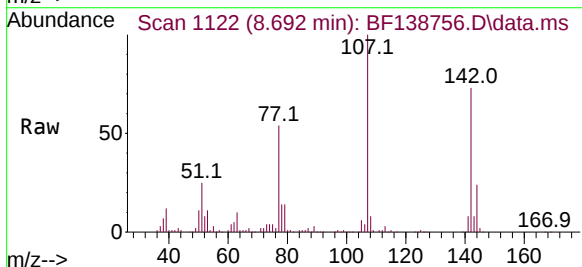
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-10-Full Waste ClassMSD

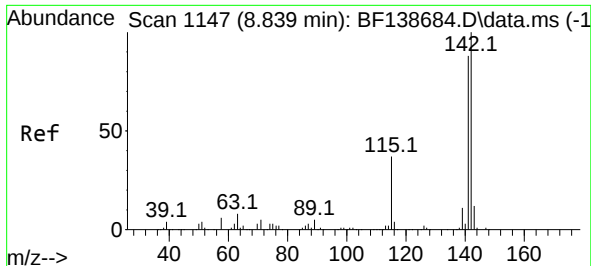
Tgt Ion:113 Resp: 42003  
 Ion Ratio Lower Upper  
 113 100  
 55 201.4 186.7 226.7  
 56 152.2 138.9 178.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.945 ng  
 RT: 8.692 min Scan# 1122  
 Delta R.T. 0.012 min  
 Lab File: BF138756.D  
 Acq: 02 Aug 2024 19:56

Tgt Ion:107 Resp: 146837  
 Ion Ratio Lower Upper  
 107 100  
 144 23.6 18.2 27.2  
 142 72.9 57.4 86.2

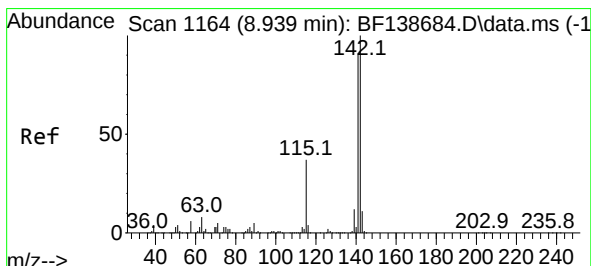
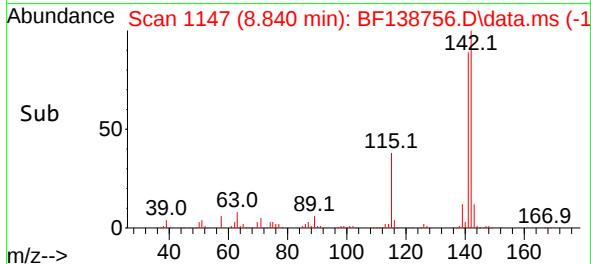
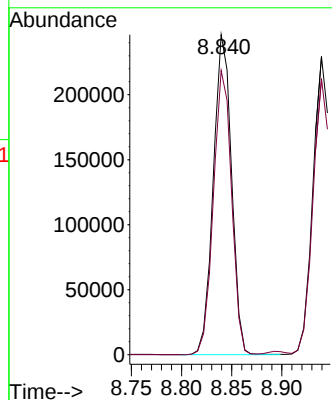
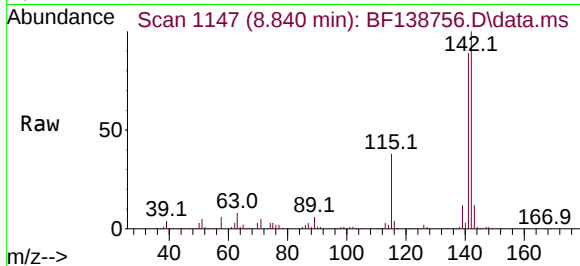




#37  
2-Methylnaphthalene  
Concen: 50.008 ng  
RT: 8.840 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

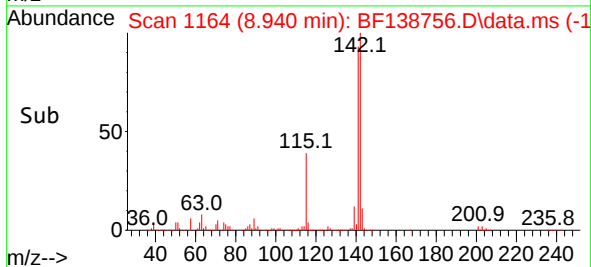
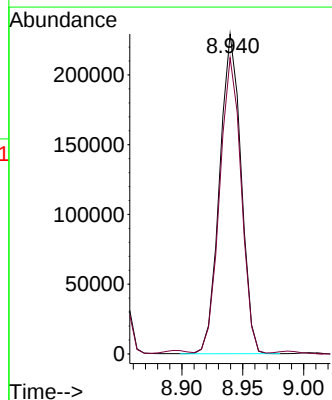
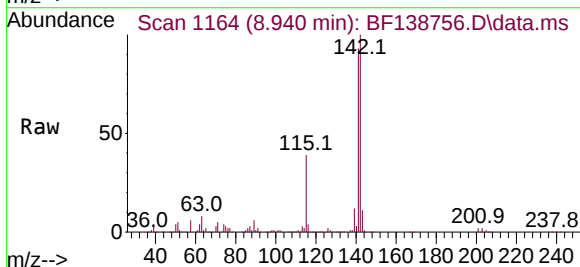
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

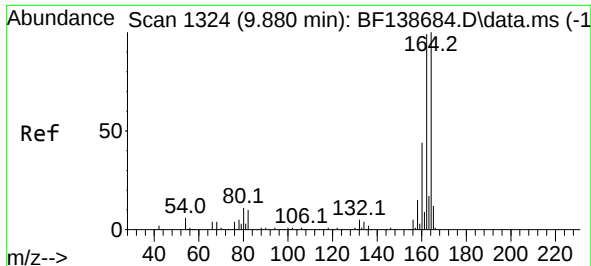
Tgt Ion:142 Resp: 310642  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.8 106.2



#38  
1-Methylnaphthalene  
Concen: 46.145 ng  
RT: 8.940 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:142 Resp: 280883  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.1 109.7

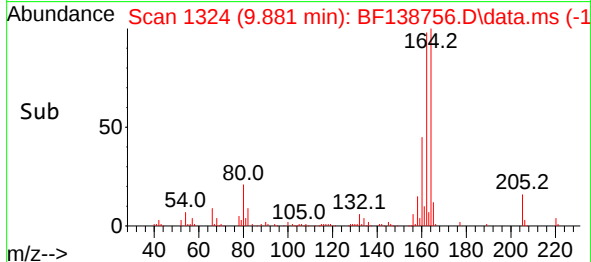
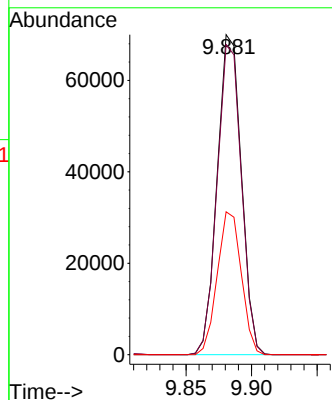
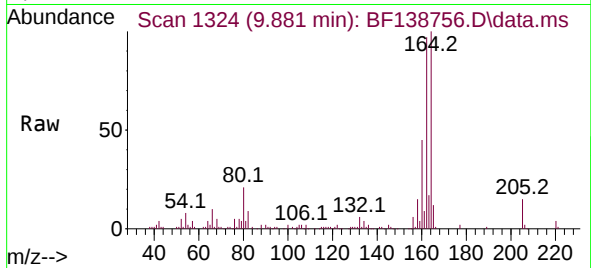




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 1175  
Delta R.T. 0.001 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

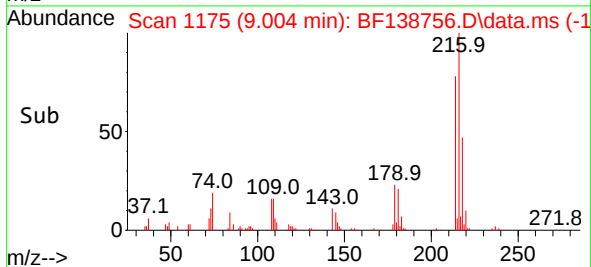
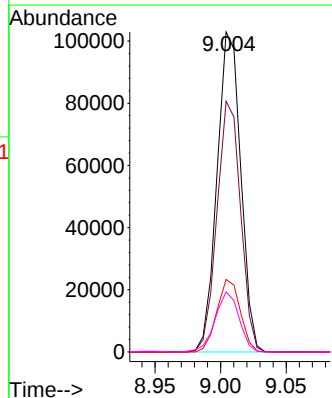
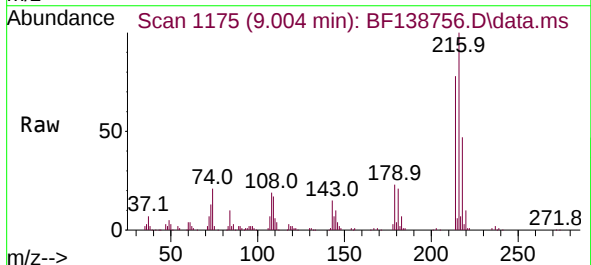
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion:164 Resp: 89656  
Ion Ratio Lower Upper  
164 100  
162 96.9 79.4 119.0  
160 44.7 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.929 ng  
RT: 9.004 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:216 Resp: 129330  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.9 95.9  
179 22.3 17.8 26.6  
108 19.0 16.0 24.0

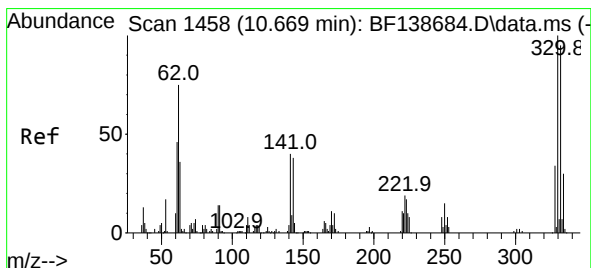
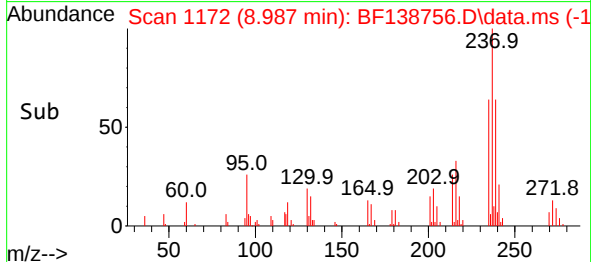
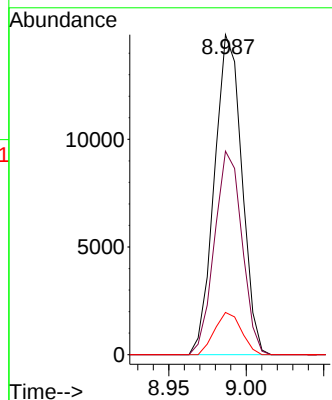
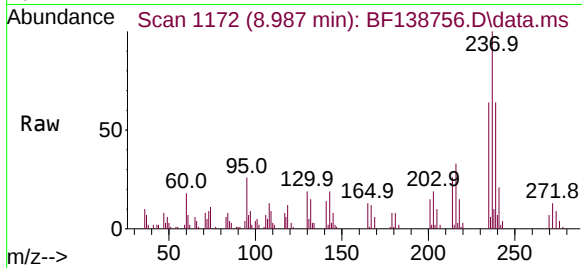




#41  
Hexachlorocyclopentadiene  
Concen: 32.293 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. 0.001 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

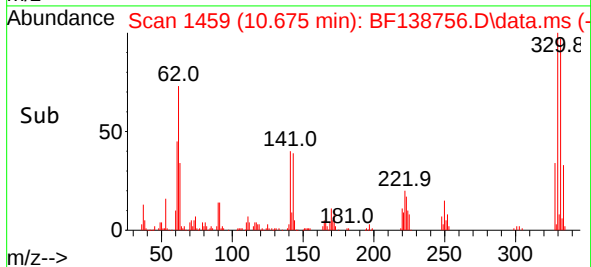
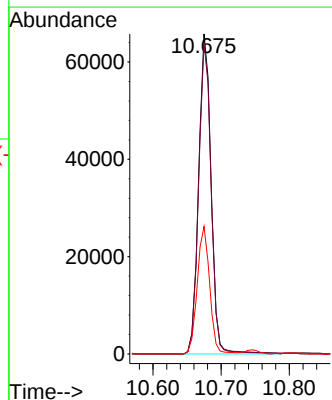
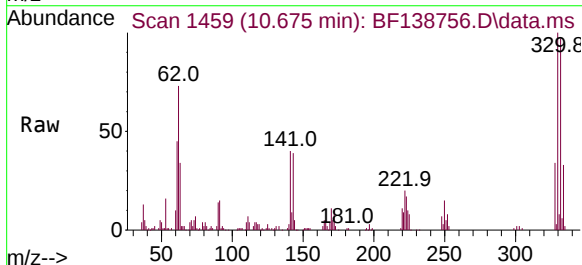
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 18288 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.6  | 41.8  | 81.8  |
| 272      | 13.2  | 0.0   | 32.2  |



#42  
2,4,6-Tribromophenol  
Concen: 113.993 ng  
RT: 10.675 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 83717 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 96.4  | 76.4  | 114.6 |
| 141      | 39.5  | 31.1  | 46.7  |





#43

2,4,6-Trichlorophenol

Concen: 56.331 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

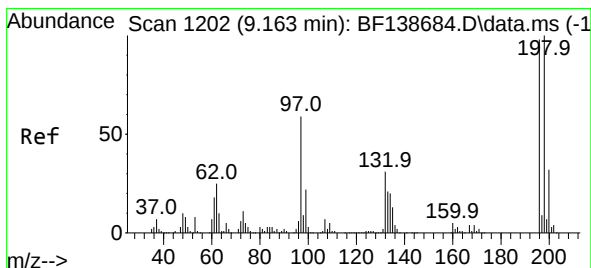
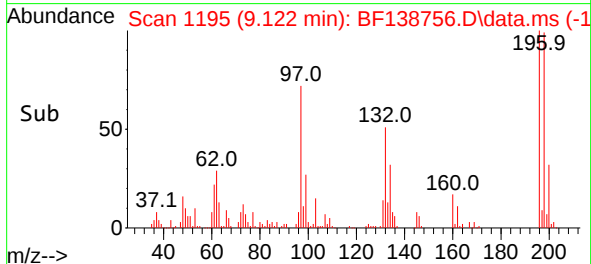
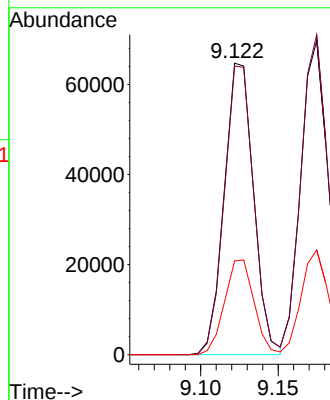
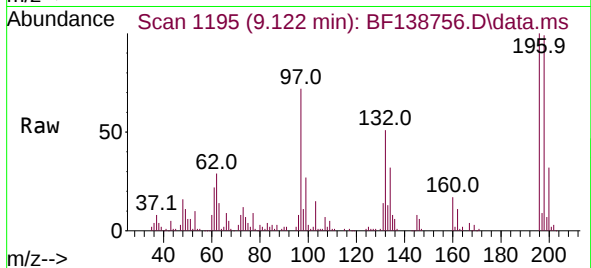
Tgt Ion:196 Resp: 85539

Ion Ratio Lower Upper

196 100

198 99.0 80.5 120.7

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 52.782 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Tgt Ion:196 Resp: 87620

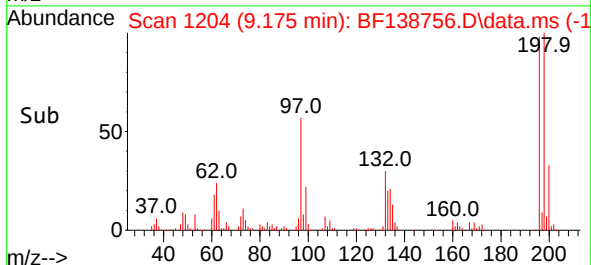
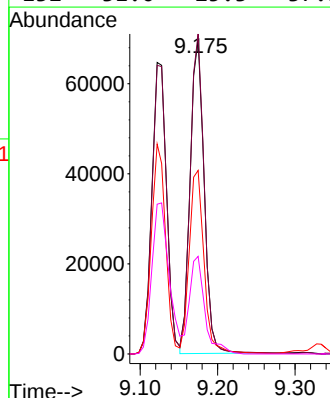
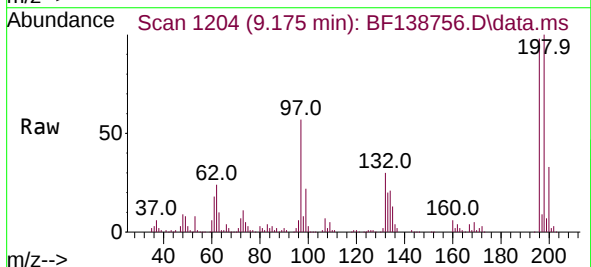
Ion Ratio Lower Upper

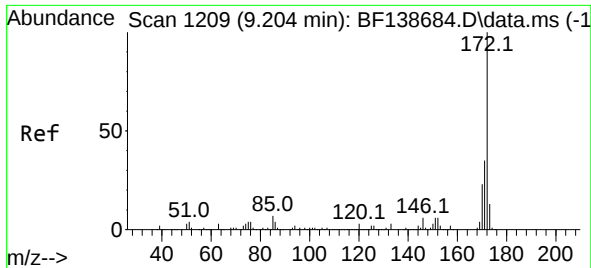
196 100

198 101.8 81.2 121.8

97 58.4 47.8 71.6

132 31.0 25.3 37.9

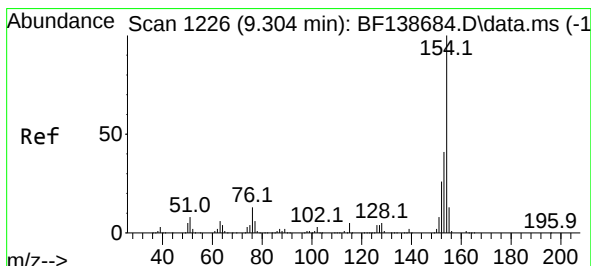
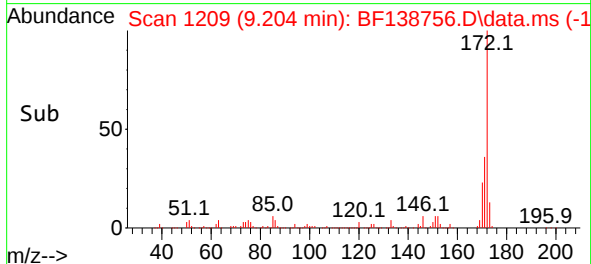
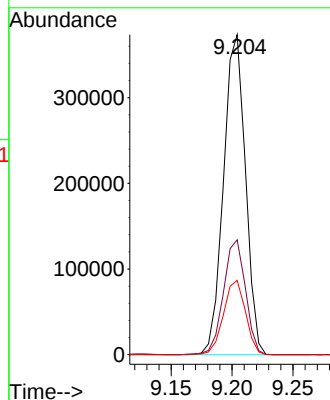
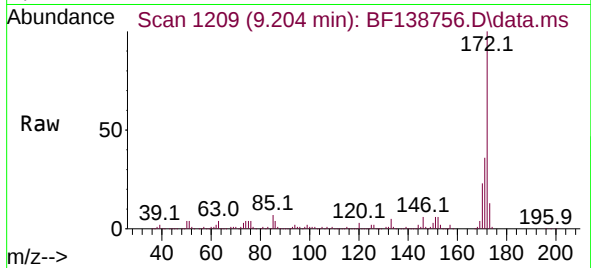




#45  
2-Fluorobiphenyl  
Concen: 78.409 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

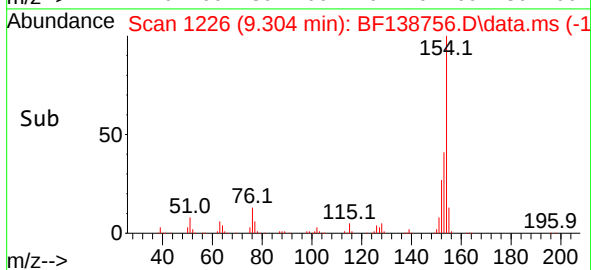
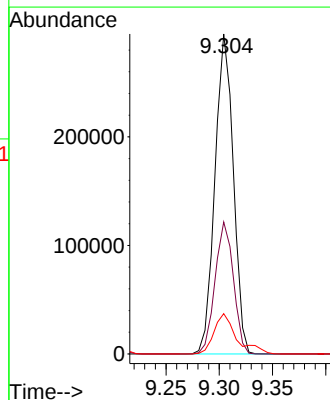
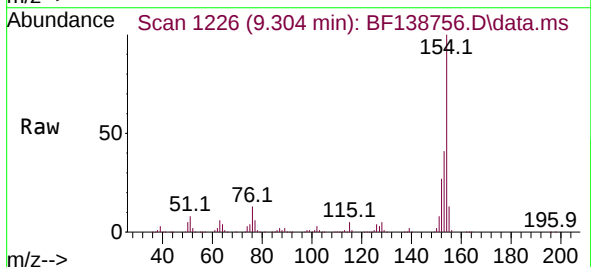
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

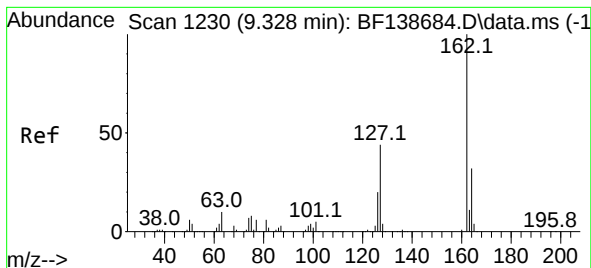
Tgt Ion:172 Resp: 467878  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.3 42.5  
170 23.2 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 50.345 ng  
RT: 9.304 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:154 Resp: 353509  
Ion Ratio Lower Upper  
154 100  
153 41.3 20.8 60.8  
76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 52.300 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

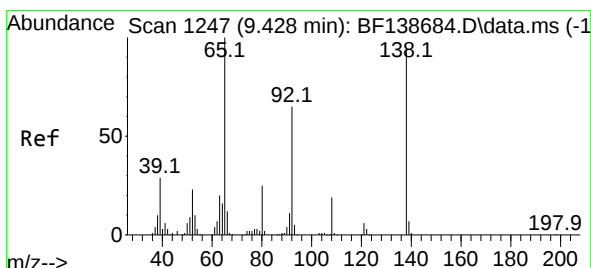
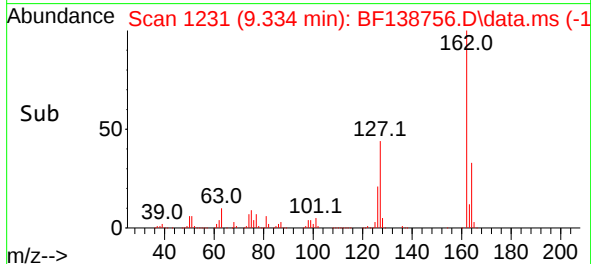
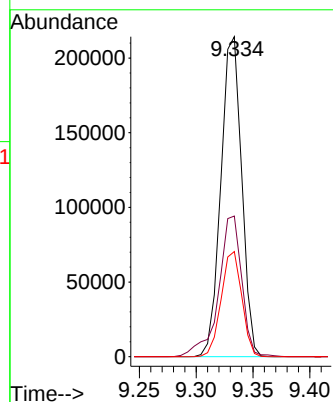
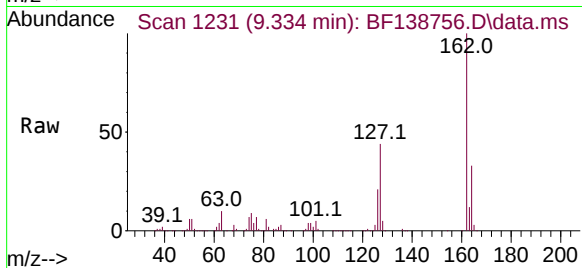
Tgt Ion:162 Resp: 273127

Ion Ratio Lower Upper

162 100

127 43.9 35.4 53.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 59.581 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

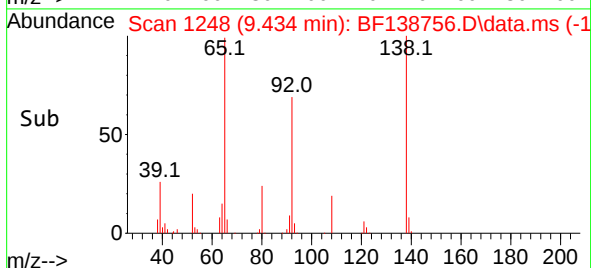
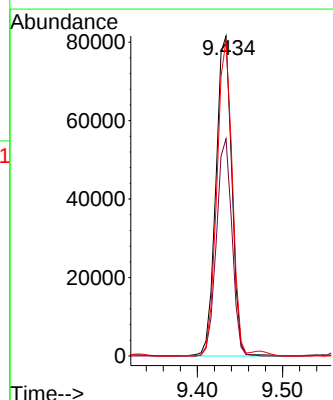
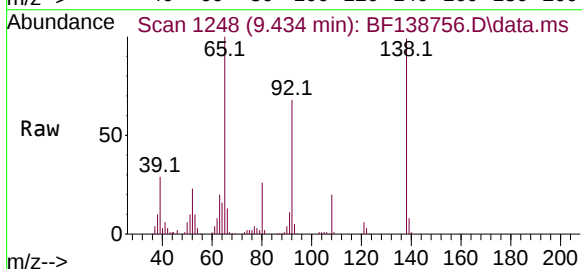
Tgt Ion: 65 Resp: 105483

Ion Ratio Lower Upper

65 100

92 67.8 52.0 78.0

138 98.6 76.2 114.4





#49

Acenaphthylene

Concen: 58.206 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138756.D

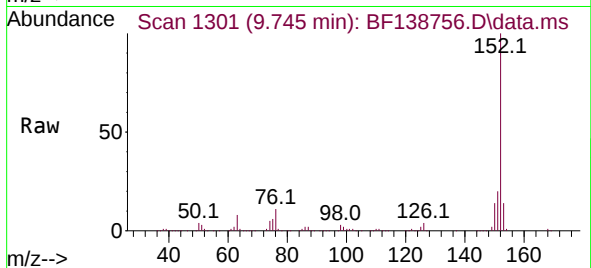
Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD



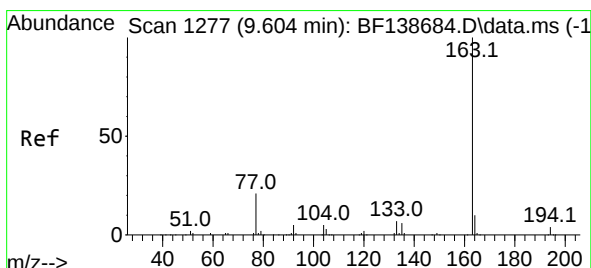
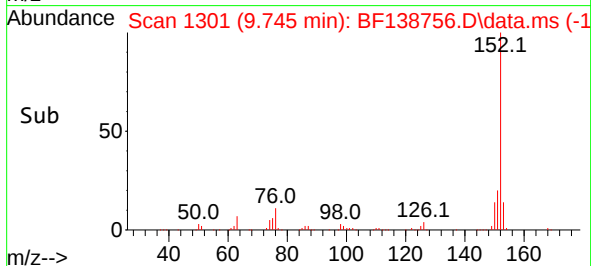
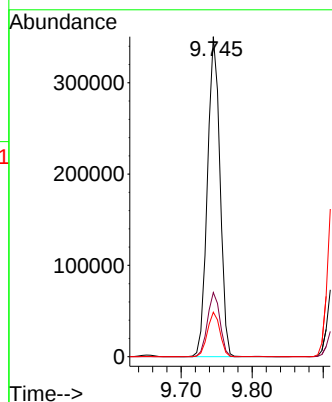
Tgt Ion:152 Resp: 431117

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.9 11.0 16.4



#50

Dimethylphthalate

Concen: 59.345 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

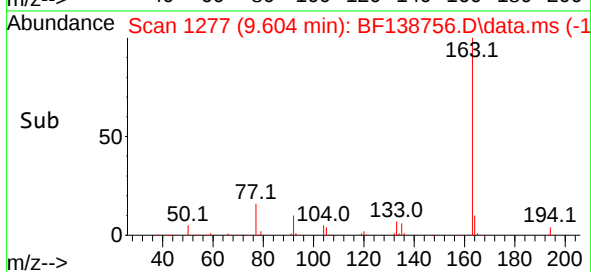
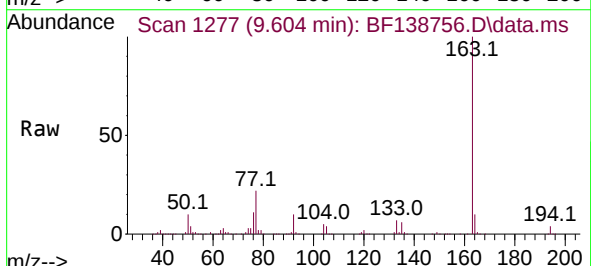
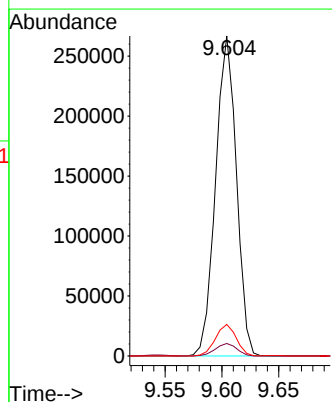
Tgt Ion:163 Resp: 340211

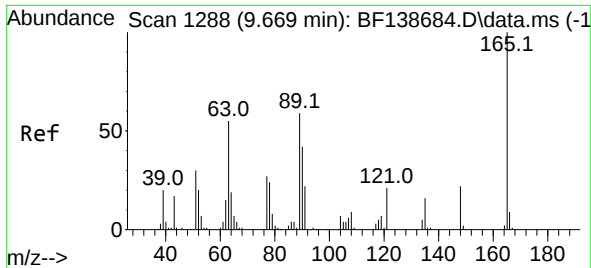
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 7.8 11.8

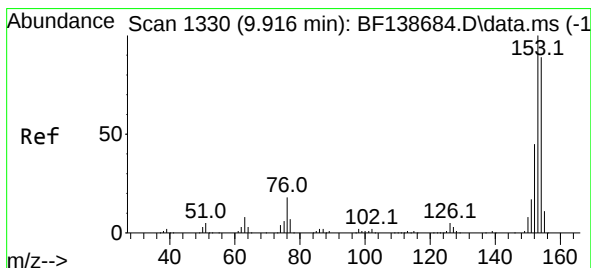
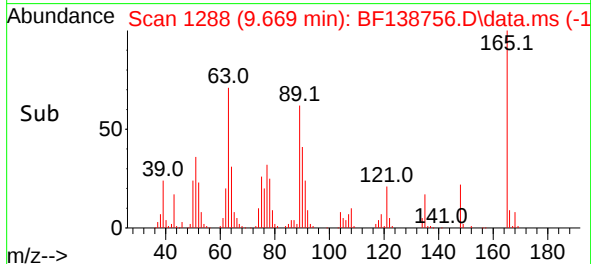
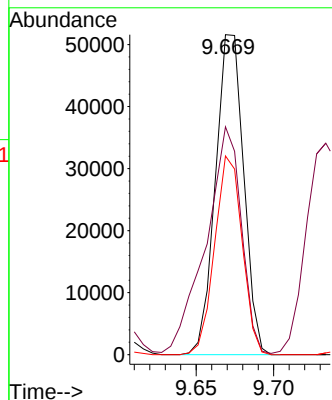
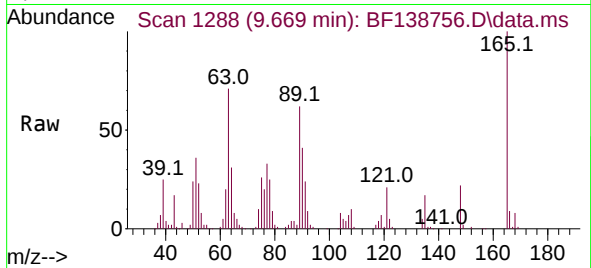




#51  
2,6-Dinitrotoluene  
Concen: 50.591 ng  
RT: 9.669 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

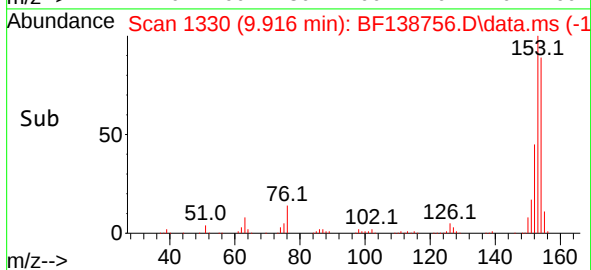
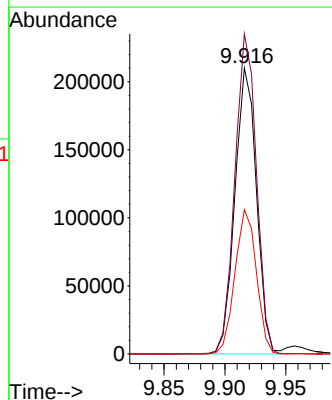
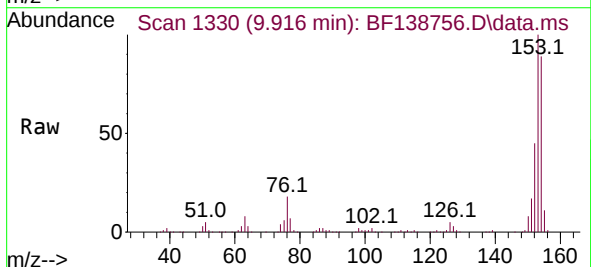
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

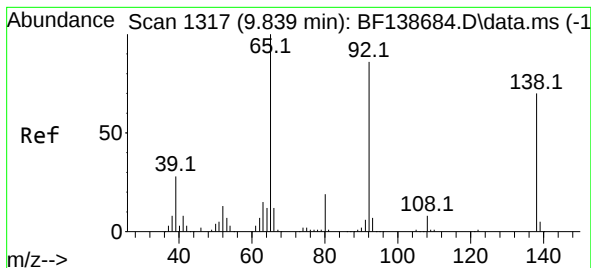
Tgt Ion:165 Resp: 65453  
Ion Ratio Lower Upper  
165 100  
63 71.2 52.0 78.0  
89 62.1 47.0 70.6



#52  
Acenaphthene  
Concen: 52.145 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:154 Resp: 259627  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.9 134.9  
152 50.5 40.6 60.8





#53

3-Nitroaniline

Concen: 55.127 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

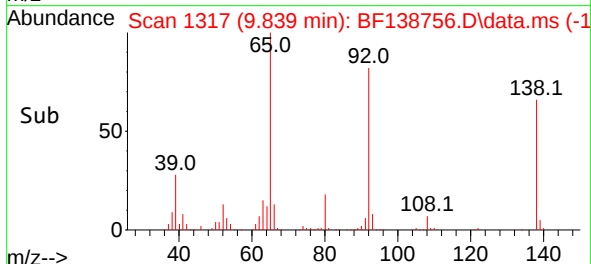
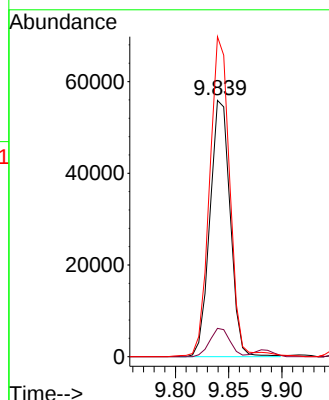
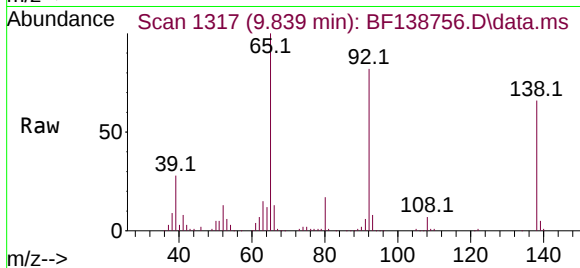
Tgt Ion:138 Resp: 73731

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

92 124.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 25.161 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

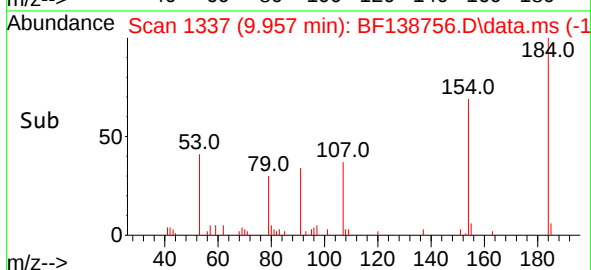
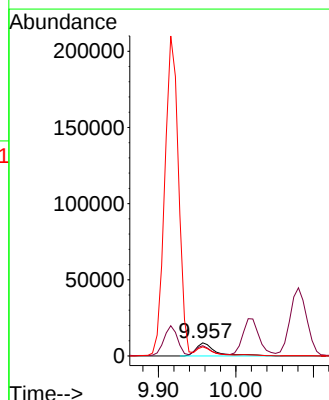
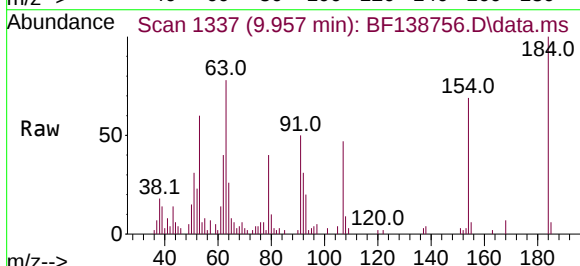
Tgt Ion:184 Resp: 14985

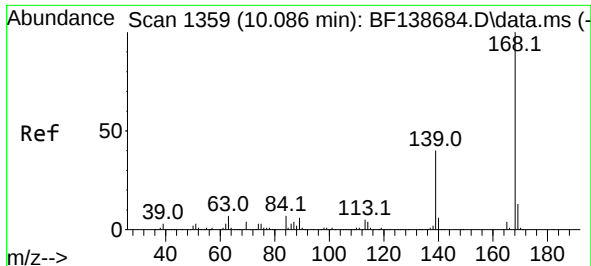
Ion Ratio Lower Upper

184 100

63 78.0 57.5 86.3

154 69.2 51.7 77.5

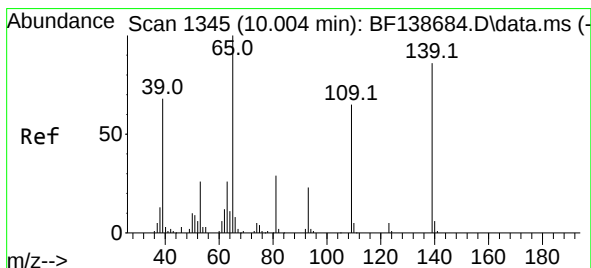
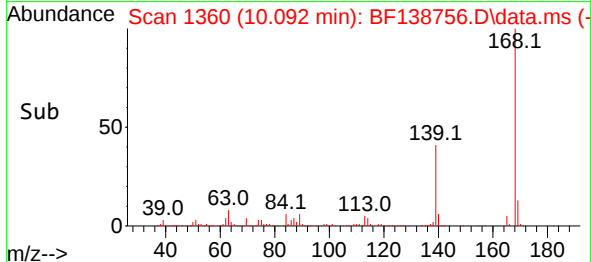
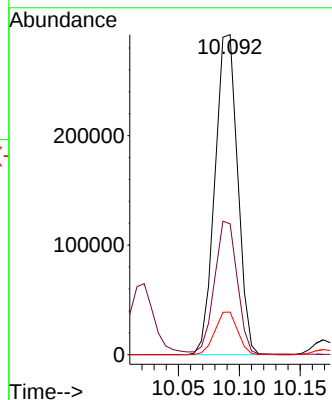
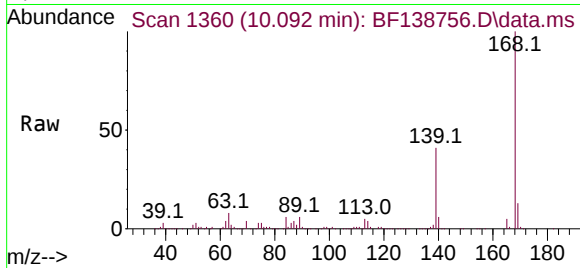




#55  
Dibenzofuran  
Concen: 53.961 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

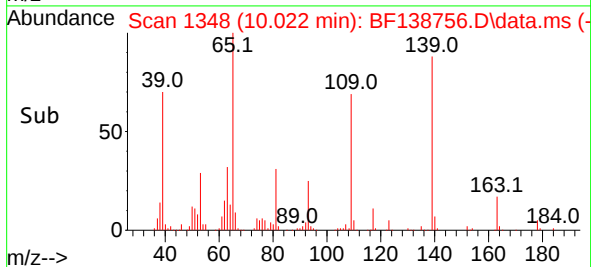
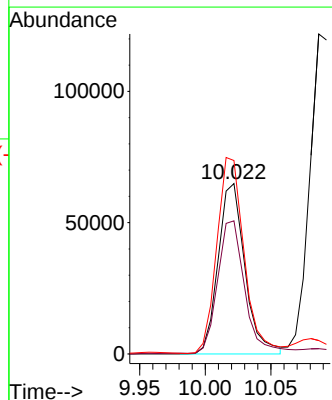
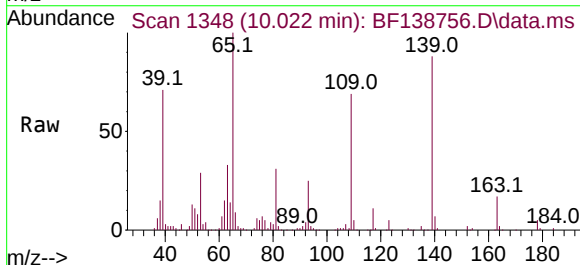
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

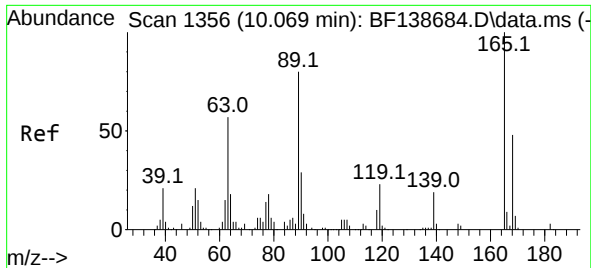
Tgt Ion:168 Resp: 379256  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.6 49.0  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 114.540 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.018 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:139 Resp: 92123  
Ion Ratio Lower Upper  
139 100  
109 78.1 55.5 95.5  
65 113.4 96.7 136.7

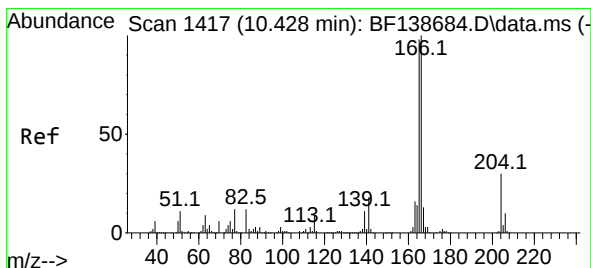
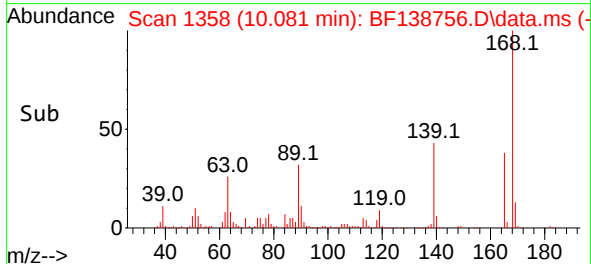
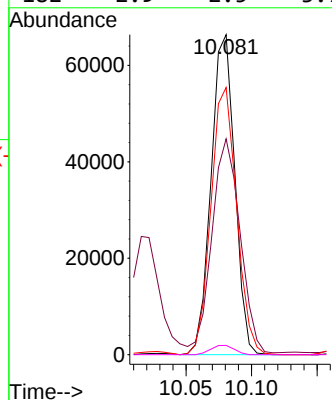
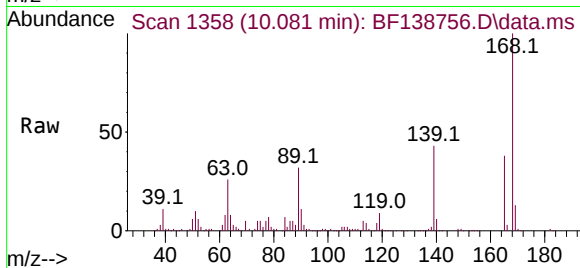




#57  
2,4-Dinitrotoluene  
Concen: 50.483 ng  
RT: 10.081 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

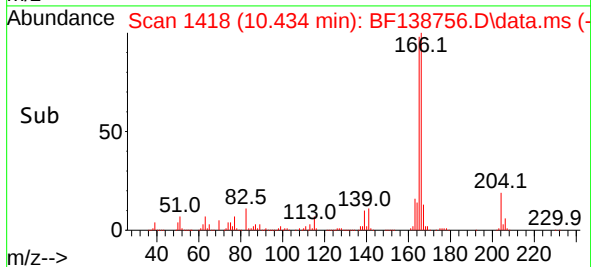
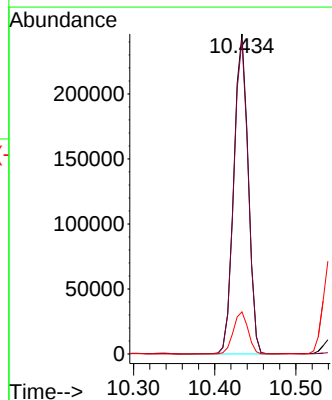
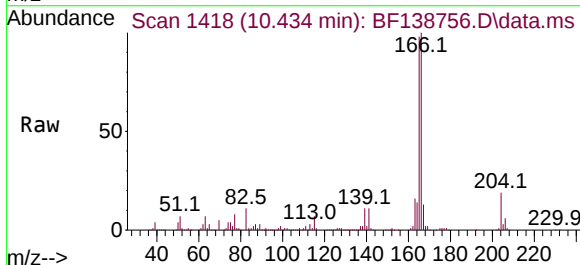
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 83329 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 67.5  | 46.3  | 69.5  |
| 89       | 83.5  | 64.2  | 96.4  |
| 182      | 2.9   | 2.5   | 3.7   |



#58  
Fluorene  
Concen: 54.075 ng  
RT: 10.434 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 302654 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.0  | 78.4  | 117.6  |
| 167      | 13.2  | 10.6  | 16.0   |

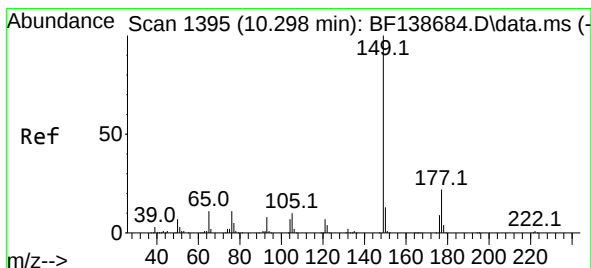
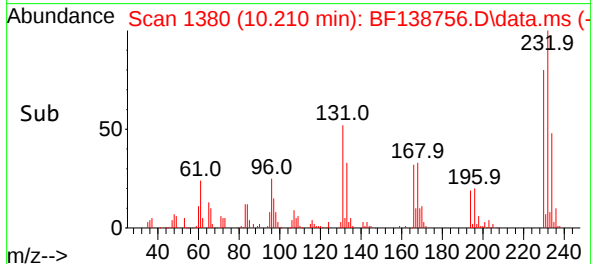
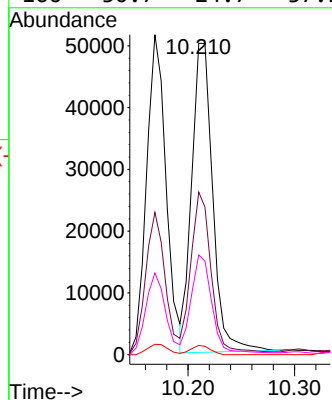
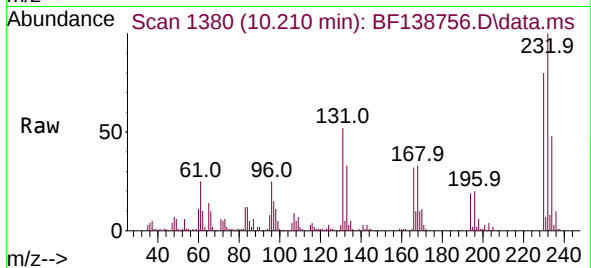




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.249 ng  
RT: 10.210 min Scan# 1380  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

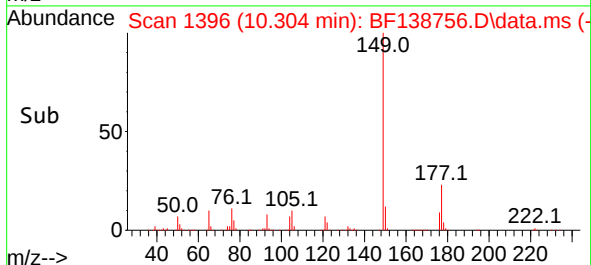
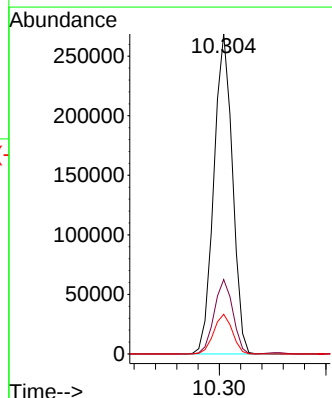
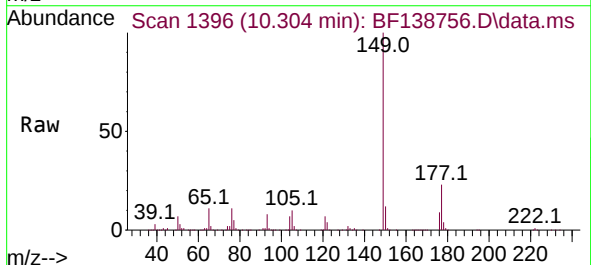
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

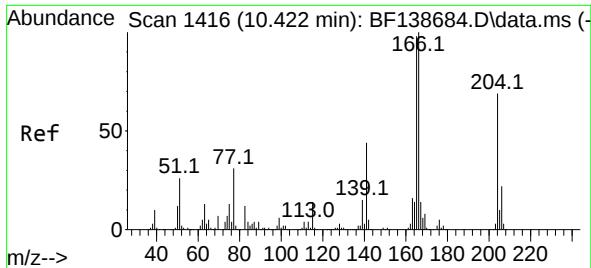
Tgt Ion:232 Resp: 68849  
Ion Ratio Lower Upper  
232 100  
131 49.1 37.0 55.4  
130 2.8 2.0 3.0  
166 30.7 24.7 37.1



#60  
Diethylphthalate  
Concen: 59.882 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:149 Resp: 325496  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.8 26.8  
150 12.4 10.1 15.1

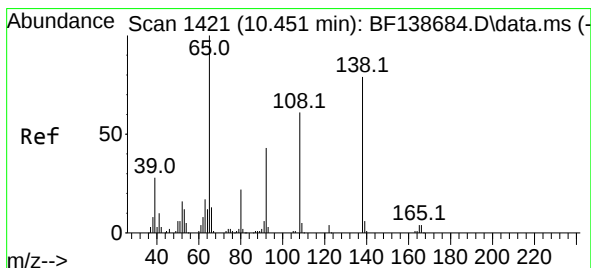
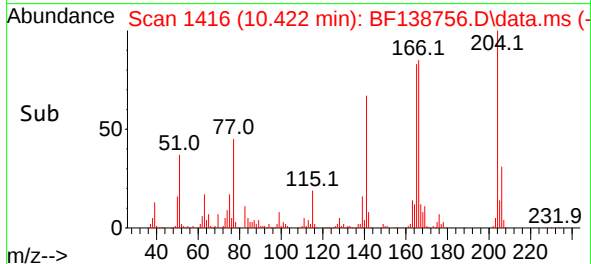
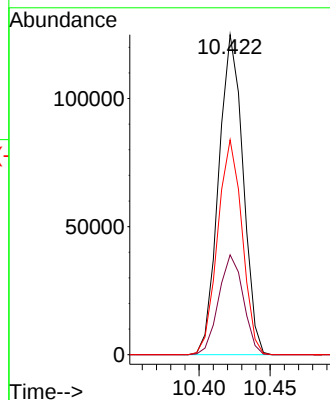
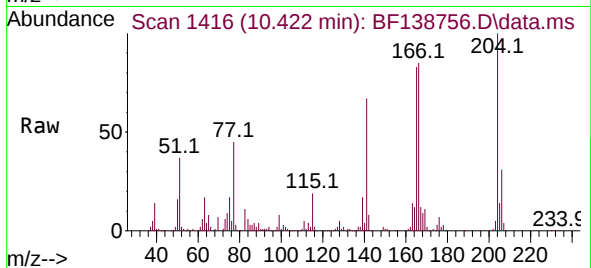




#61  
4-Chlorophenyl-phenylether  
Concen: 54.256 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

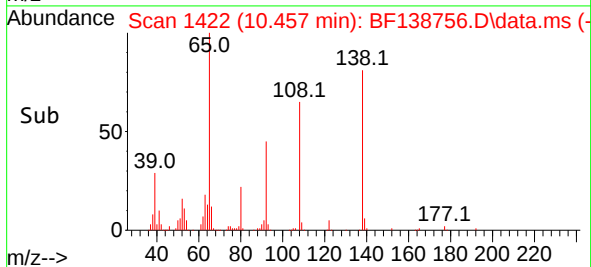
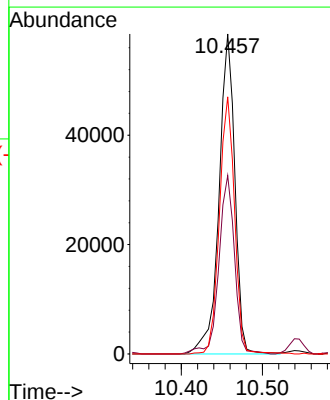
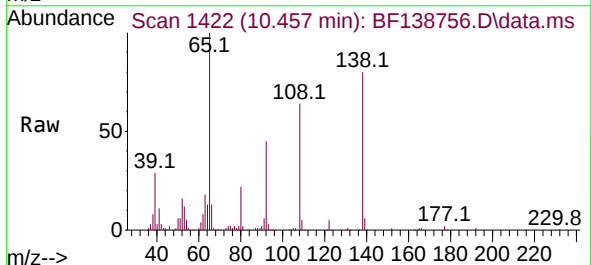
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

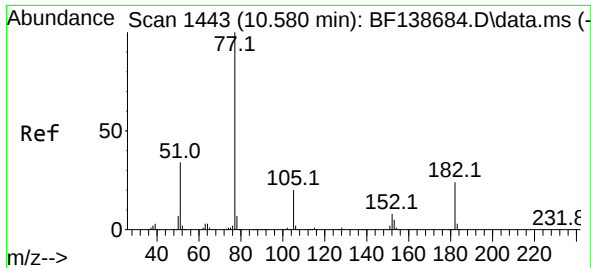
Tgt Ion:204 Resp: 149349  
Ion Ratio Lower Upper  
204 100  
206 31.2 26.1 39.1  
141 67.1 51.4 77.0



#62  
4-Nitroaniline  
Concen: 62.608 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:138 Resp: 79576  
Ion Ratio Lower Upper  
138 100  
92 55.7 34.2 74.2  
108 80.4 56.2 96.2

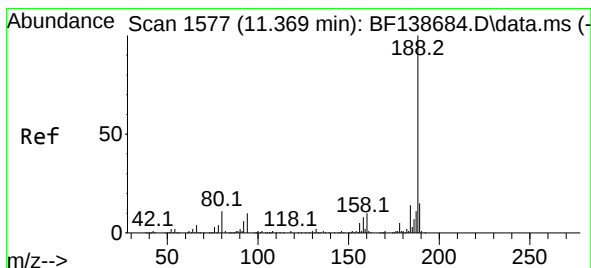
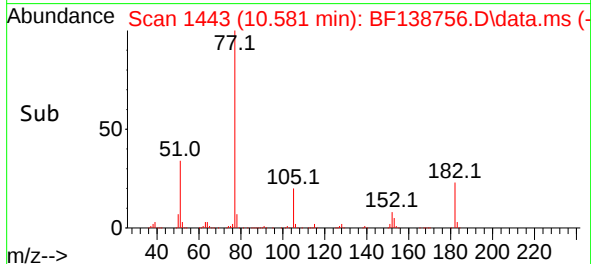
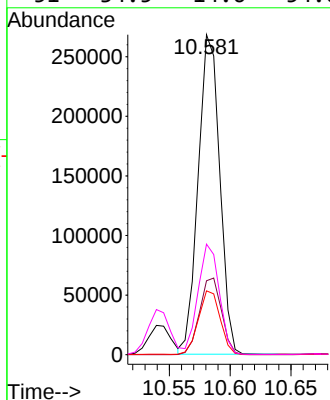
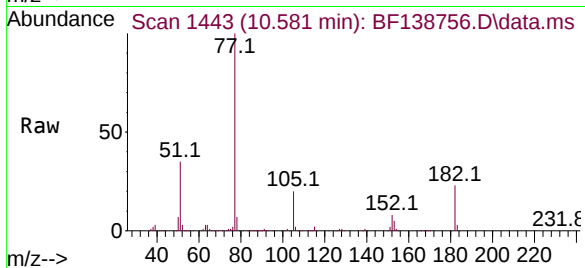




#63  
Azobenzene  
Concen: 54.884 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

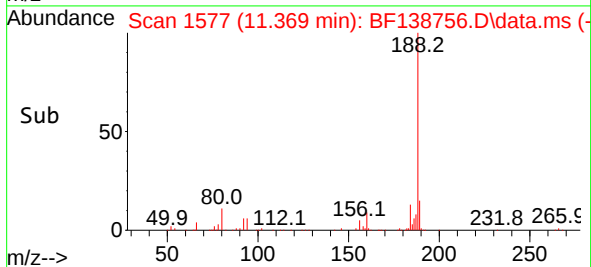
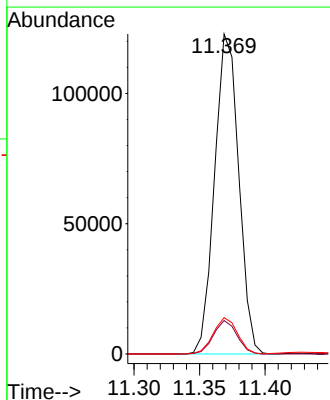
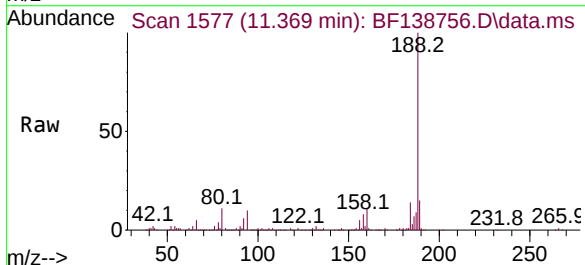
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

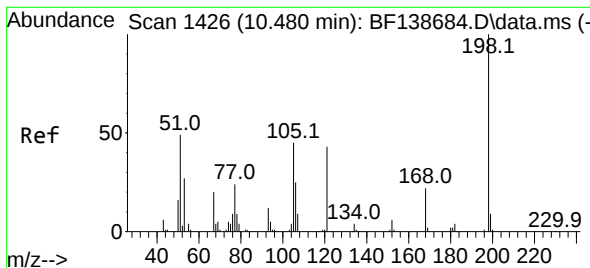
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 330872 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 23.1  | 3.4   | 43.4   |
| 105      | 20.0  | 0.2   | 40.2   |
| 51       | 34.5  | 14.6  | 54.6   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 156972 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.4  | 7.6   | 11.4   |
| 80       | 11.3  | 8.6   | 12.8   |

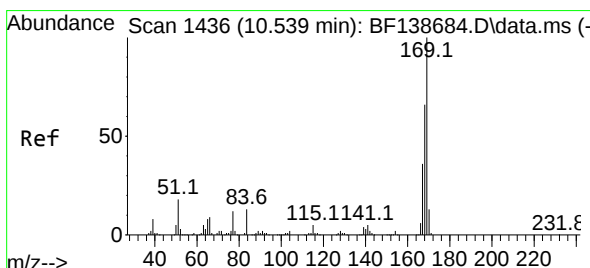
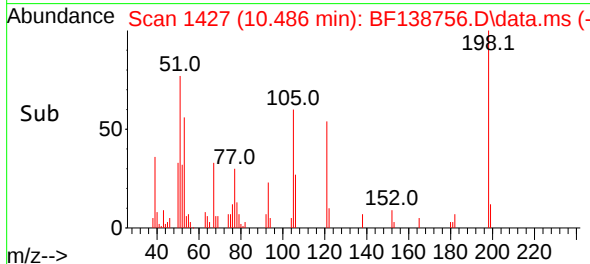
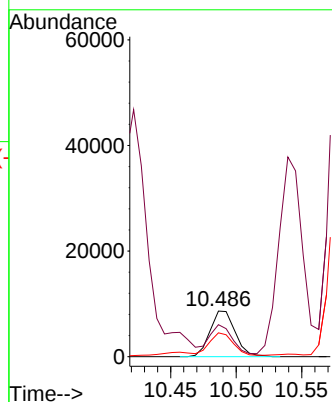
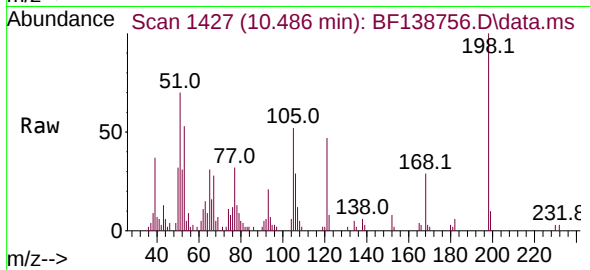




#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.079 ng  
RT: 10.486 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

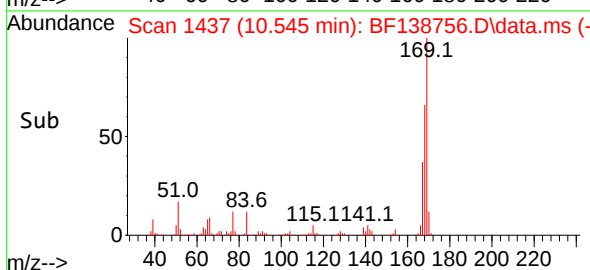
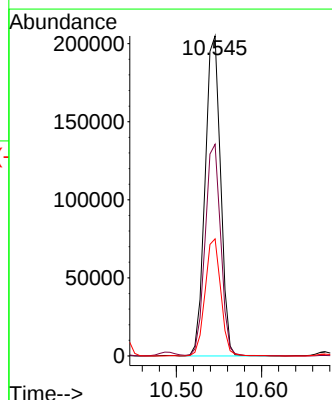
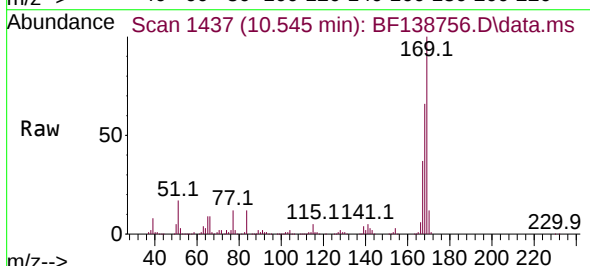
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

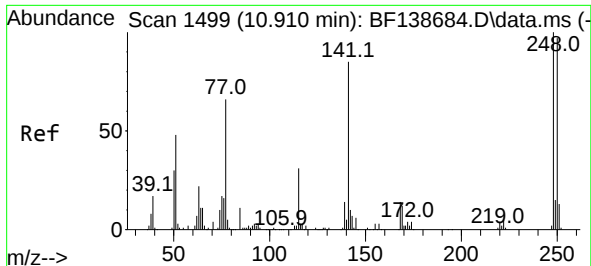
Tgt Ion:198 Resp: 11568  
Ion Ratio Lower Upper  
198 100  
51 70.2 39.9 79.9  
105 52.3 26.1 66.1



#66  
n-Nitrosodiphenylamine  
Concen: 52.652 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:169 Resp: 258342  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.0 79.6  
167 36.6 29.0 43.6

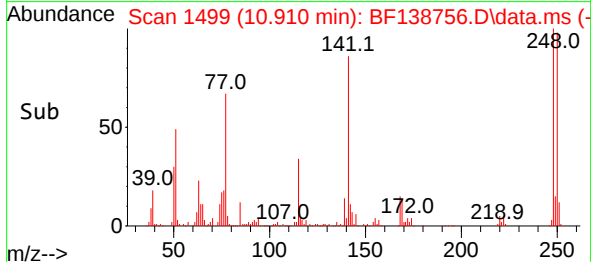
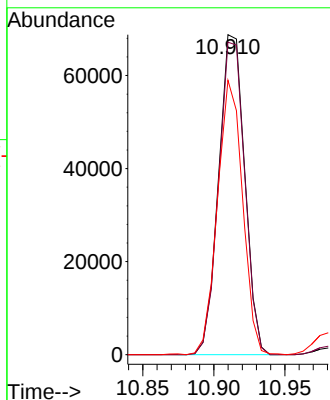
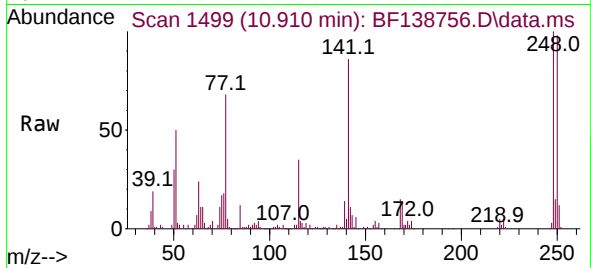




#67  
4-Bromophenyl-phenylether  
Concen: 51.738 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

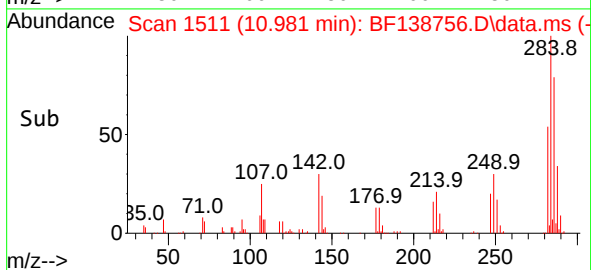
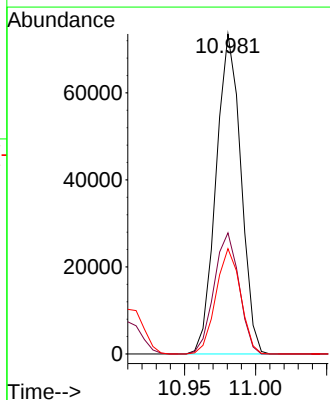
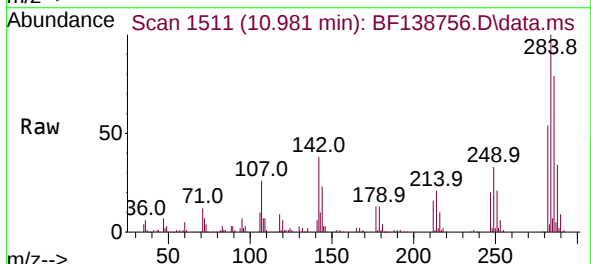
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion:248 Resp: 87930  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.7 116.5  
141 85.7 68.0 102.0



#68  
Hexachlorobenzene  
Concen: 50.953 ng  
RT: 10.981 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:284 Resp: 89410  
Ion Ratio Lower Upper  
284 100  
142 37.8 31.3 46.9  
249 32.9 27.2 40.8





#69

Atrazine

Concen: 62.801 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

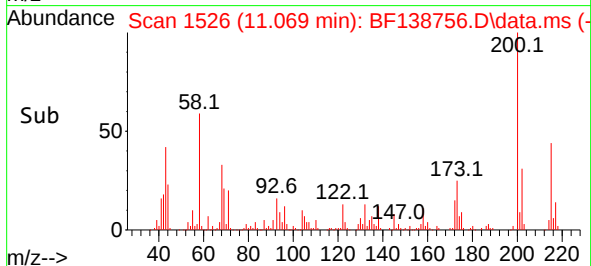
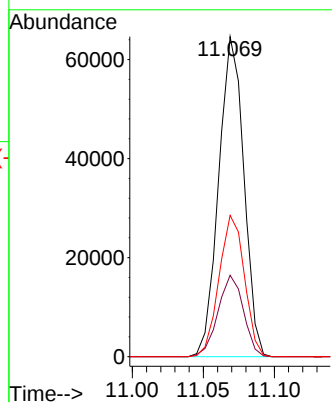
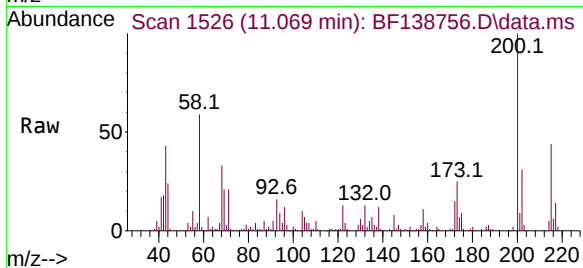
Tgt Ion:200 Resp: 79501

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 44.2 26.1 66.1



#70

Pentachlorophenol

Concen: 110.590 ng

RT: 11.181 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

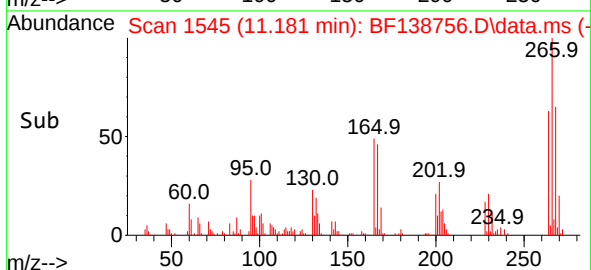
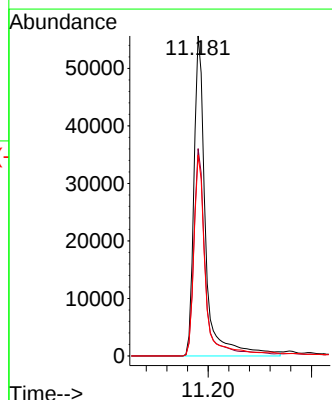
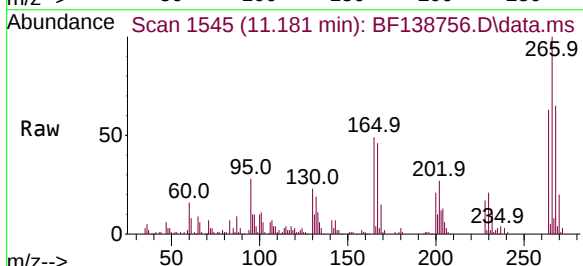
Tgt Ion:266 Resp: 87471

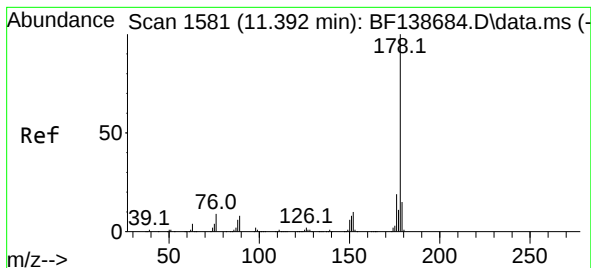
Ion Ratio Lower Upper

266 100

268 64.8 49.2 73.8

264 62.8 49.8 74.6





#71

Phenanthrene

Concen: 60.329 ng

RT: 11.398 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

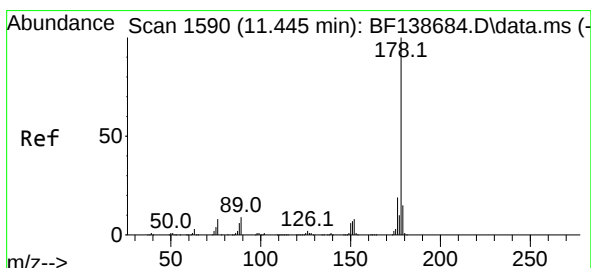
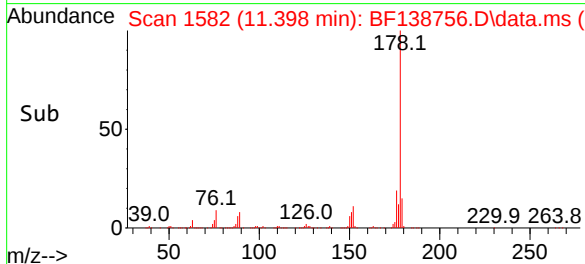
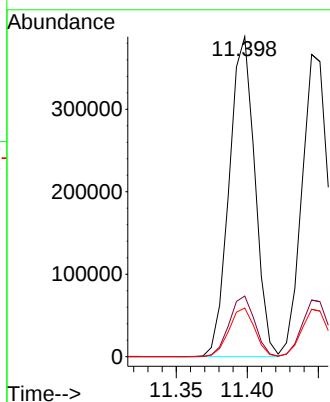
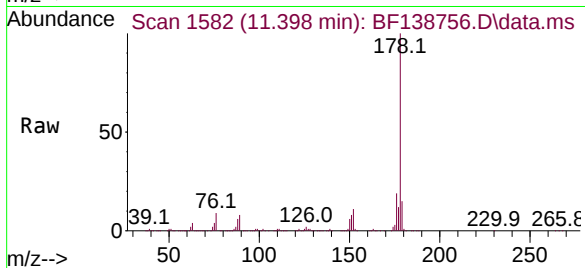
Tgt Ion:178 Resp: 487624

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.2 12.2 18.2



#72

Anthracene

Concen: 58.883 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

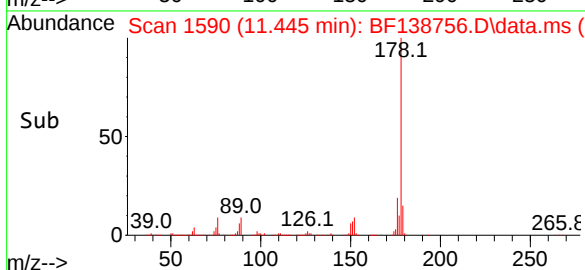
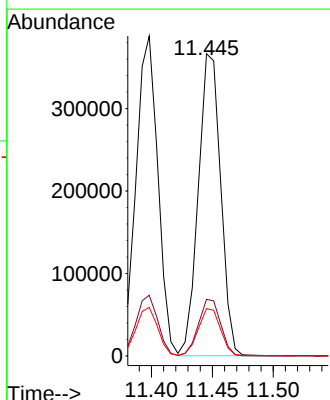
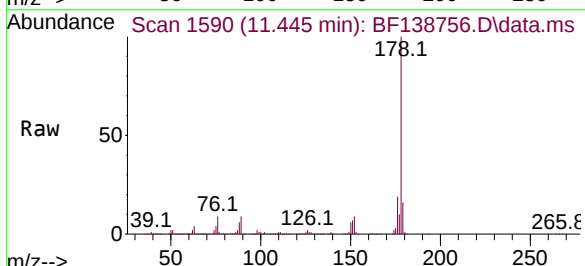
Tgt Ion:178 Resp: 468863

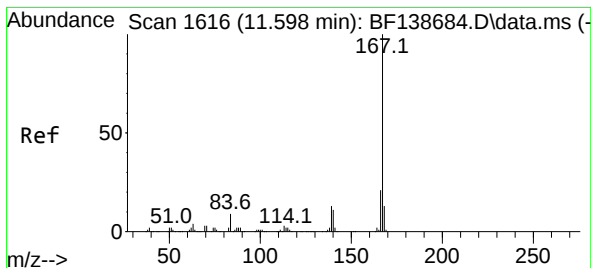
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.7 12.4 18.6





#73

Carbazole

Concen: 60.917 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

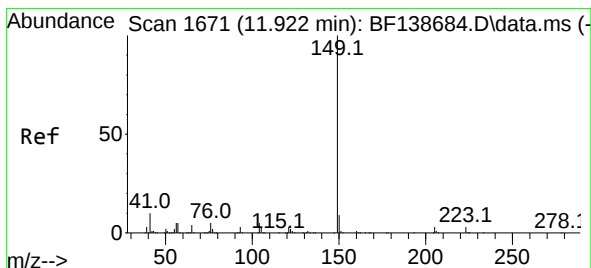
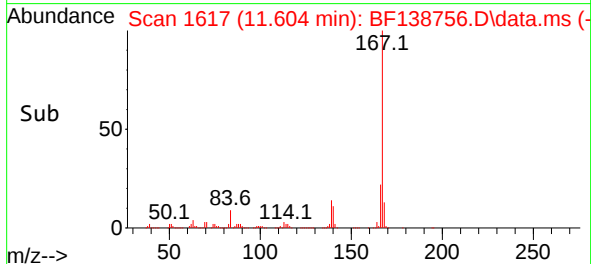
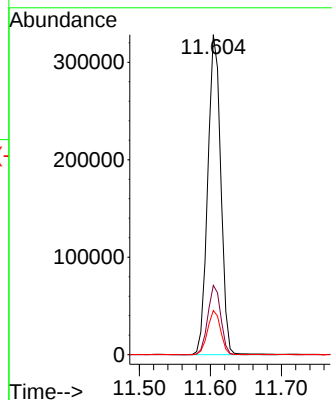
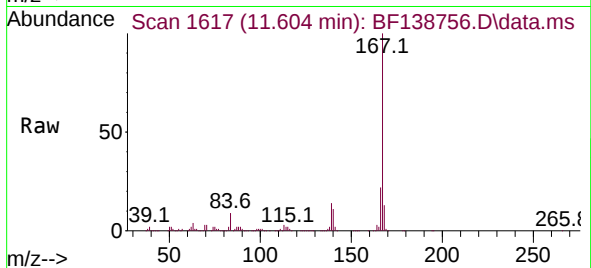
Tgt Ion:167 Resp: 418489

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 68.630 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

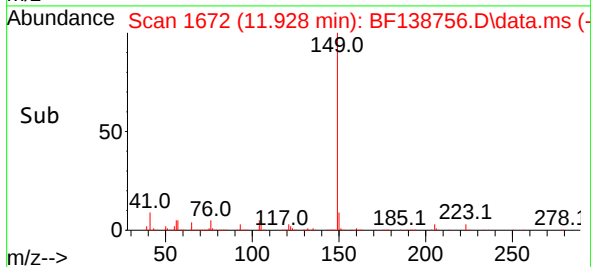
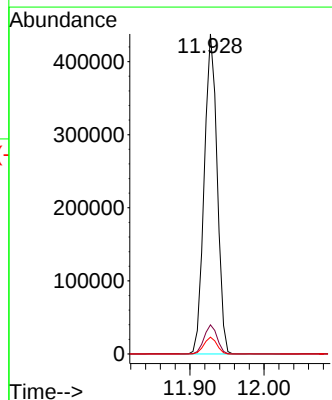
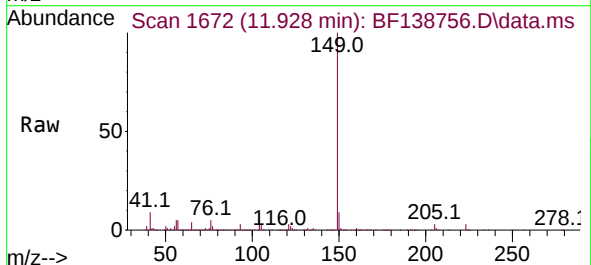
Tgt Ion:149 Resp: 530012

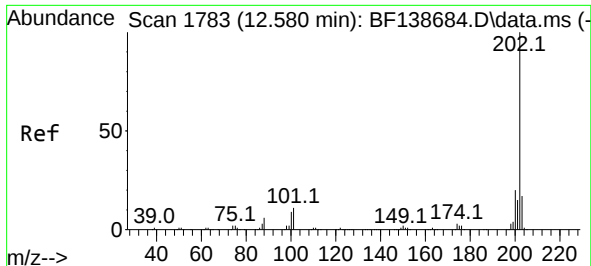
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.2 4.1 6.1

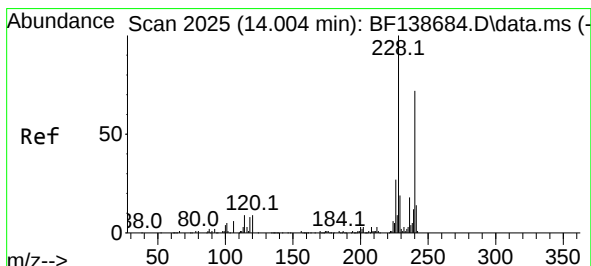
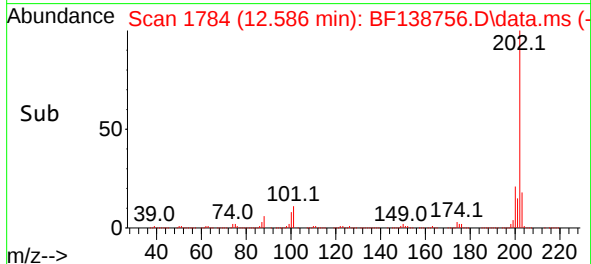
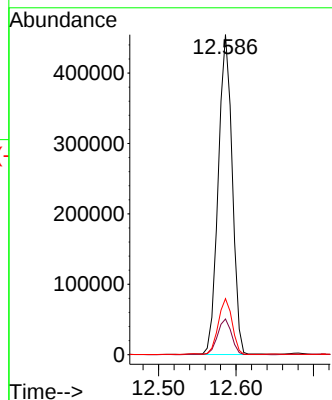
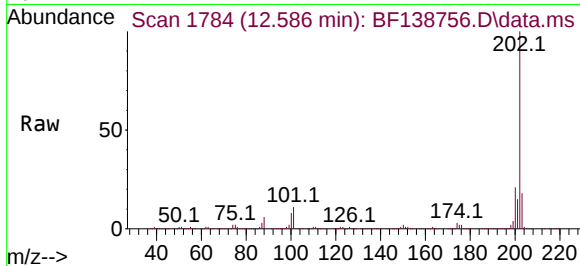




#75  
Fluoranthene  
Concen: 75.372 ng  
RT: 12.586 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

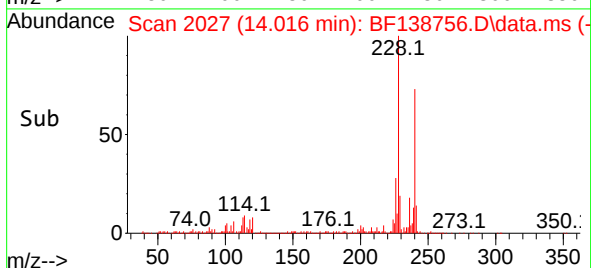
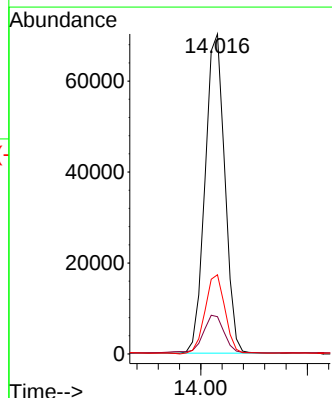
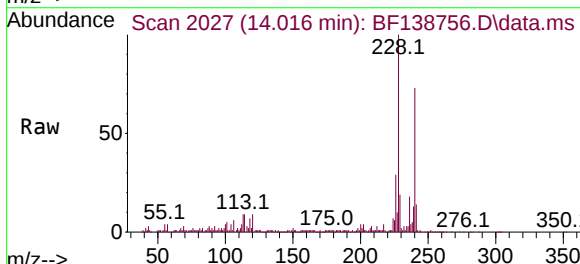
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

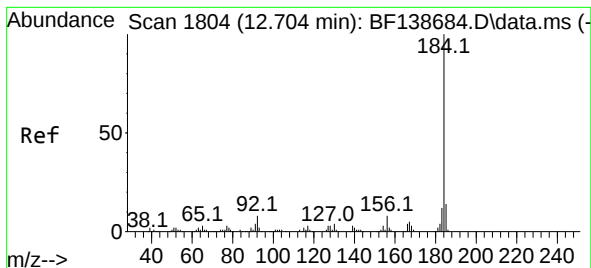
Tgt Ion:202 Resp: 568743  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.2  
203 17.5 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2027  
Delta R.T. 0.012 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:240 Resp: 90048  
Ion Ratio Lower Upper  
240 100  
120 11.7 10.2 15.4  
236 24.8 19.8 29.8





#77

Benzidine

Concen: 40.773 ng

RT: 12.710 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

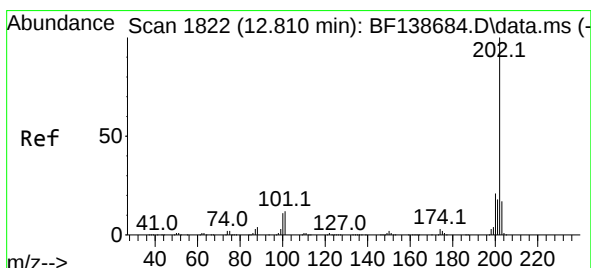
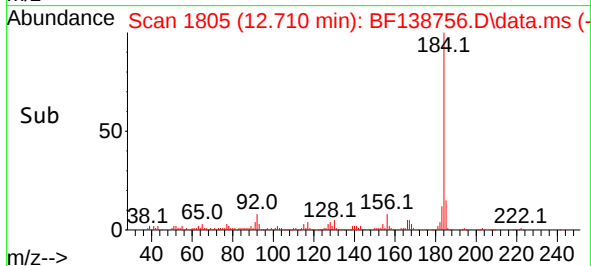
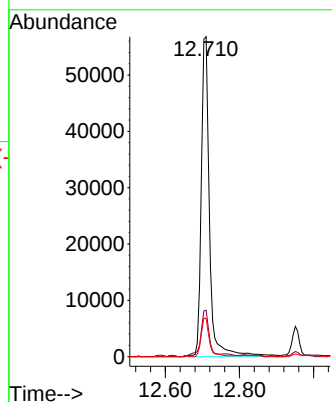
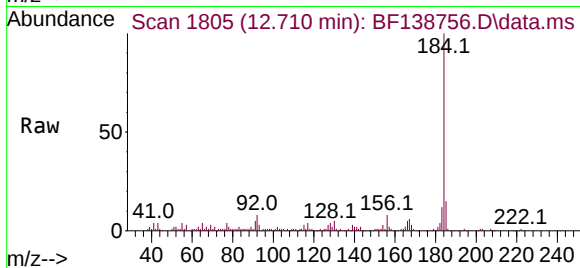
Tgt Ion:184 Resp: 87816

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

183 11.9 9.6 14.4



#78

Pyrene

Concen: 64.451 ng

RT: 12.816 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

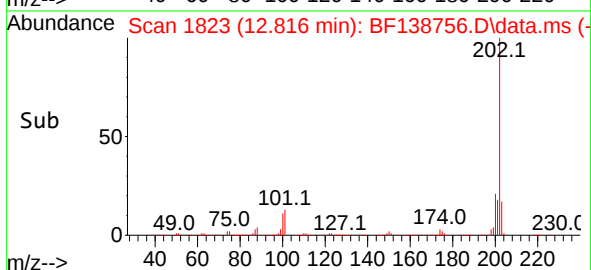
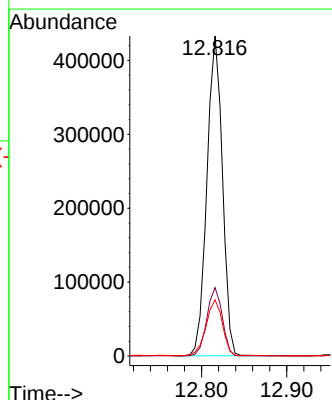
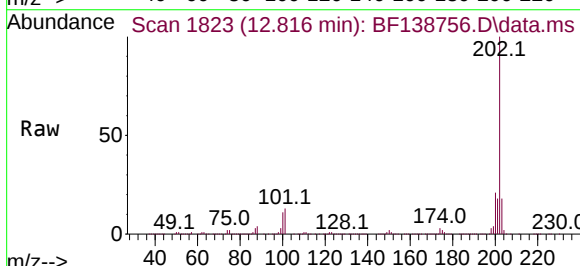
Tgt Ion:202 Resp: 546434

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 92.376 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

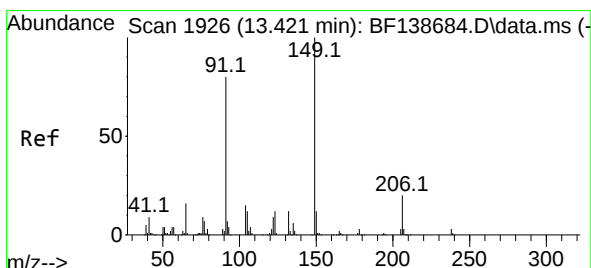
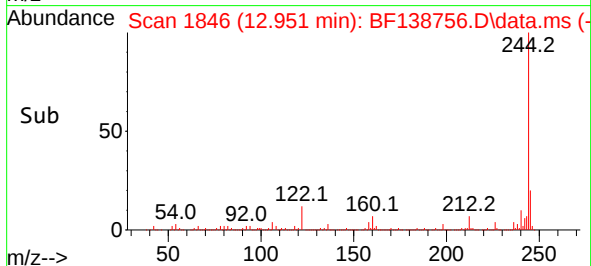
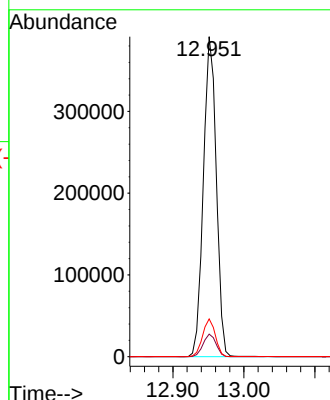
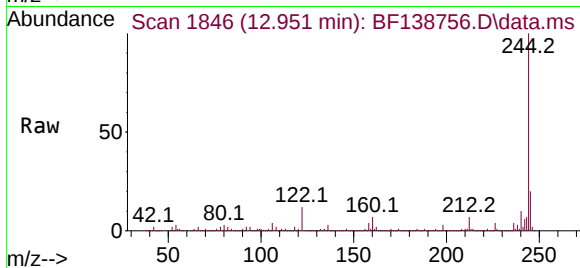
Tgt Ion:244 Resp: 496831

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 79.154 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

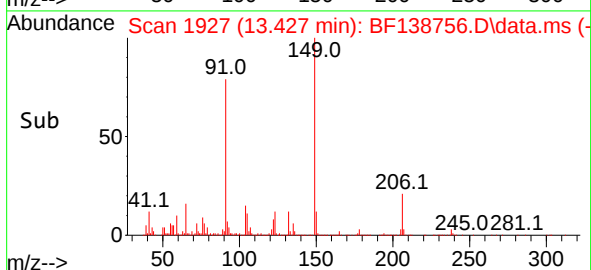
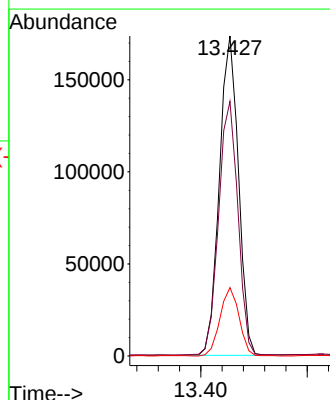
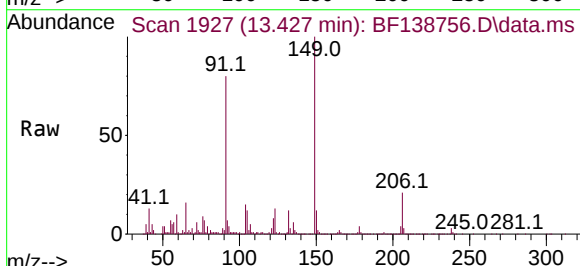
Tgt Ion:149 Resp: 214902

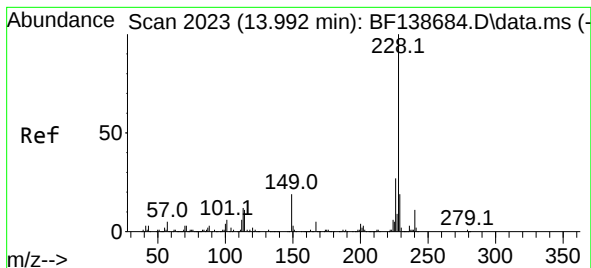
Ion Ratio Lower Upper

149 100

91 79.6 63.7 95.5

206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 62.790 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

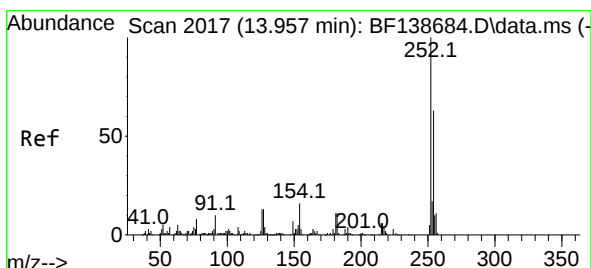
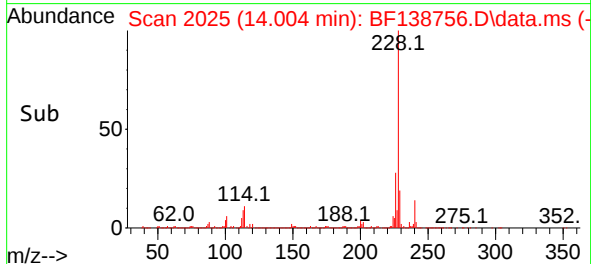
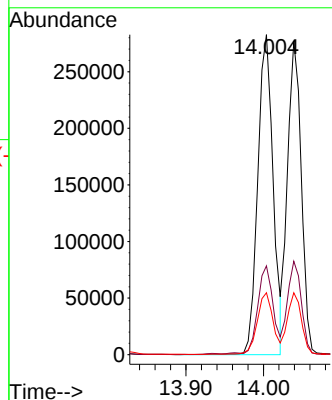
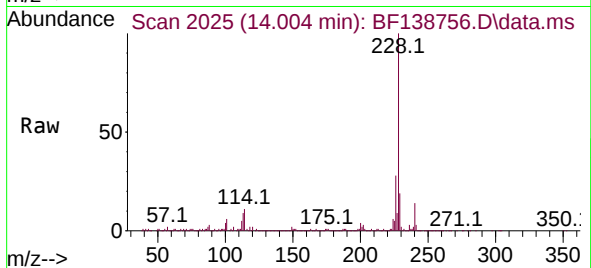
Tgt Ion:228 Resp: 389352

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 61.148 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

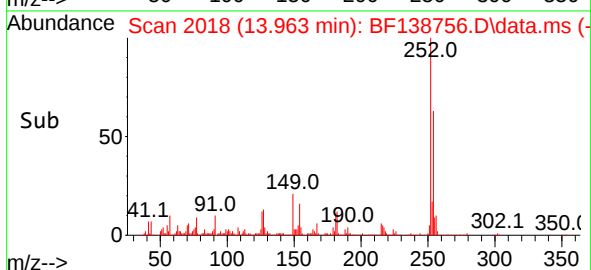
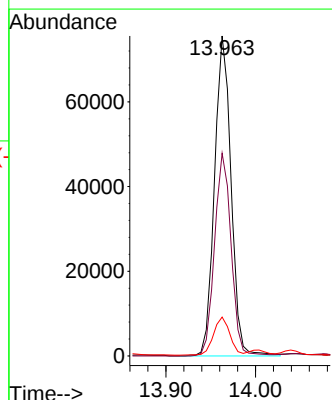
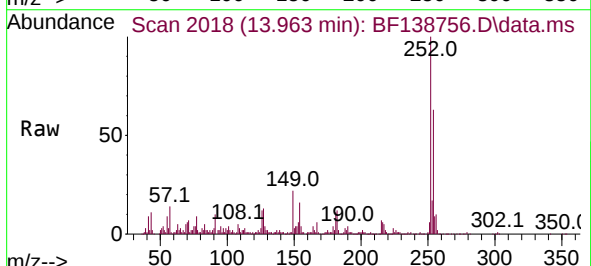
Tgt Ion:252 Resp: 97032

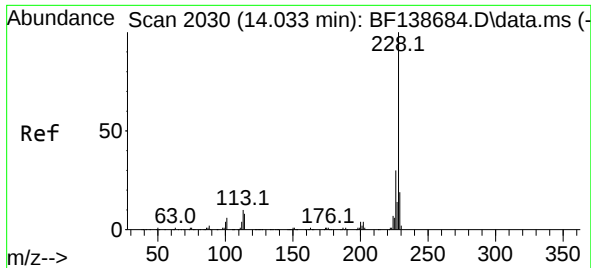
Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 12.1 10.2 15.2

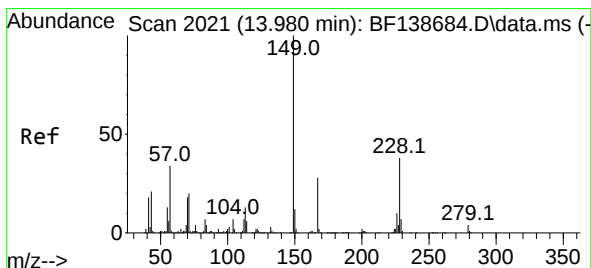
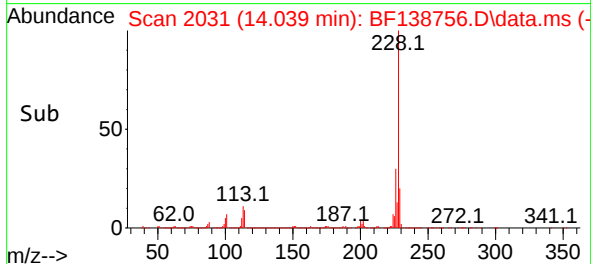
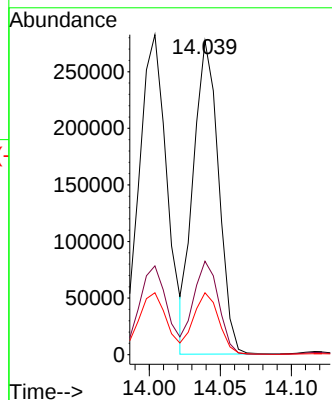
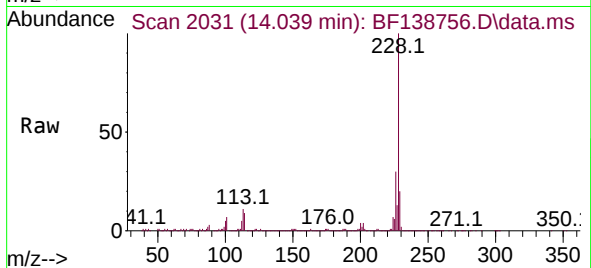




#83  
Chrysene  
Concen: 60.968 ng  
RT: 14.039 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

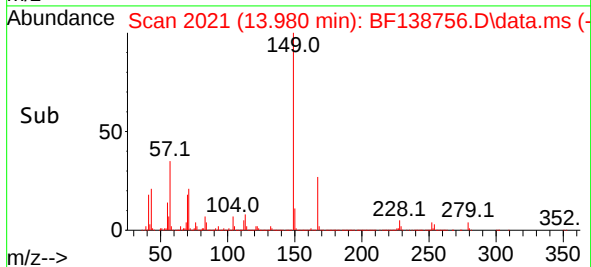
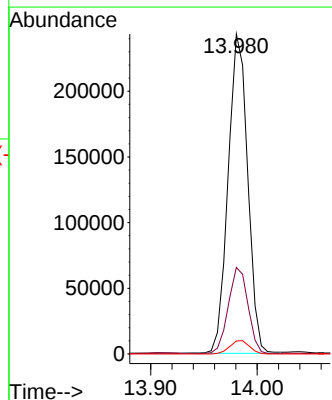
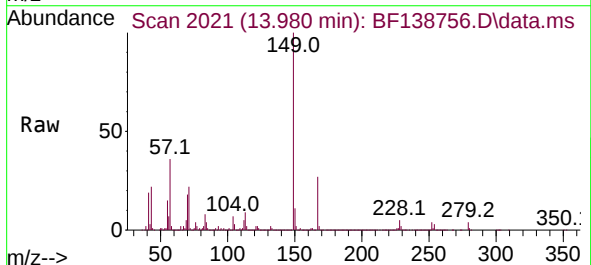
Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

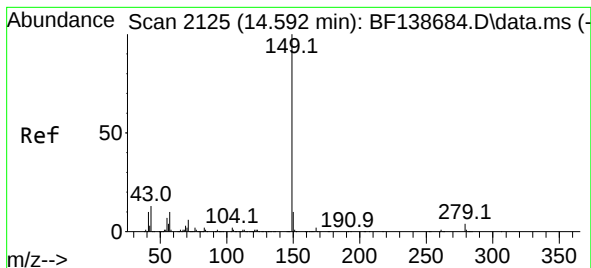
Tgt Ion:228 Resp: 341082  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.7 35.5  
229 19.7 15.0 22.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 78.126 ng  
RT: 13.980 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:149 Resp: 310603  
Ion Ratio Lower Upper  
149 100  
167 27.0 22.2 33.4  
279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 59.980 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

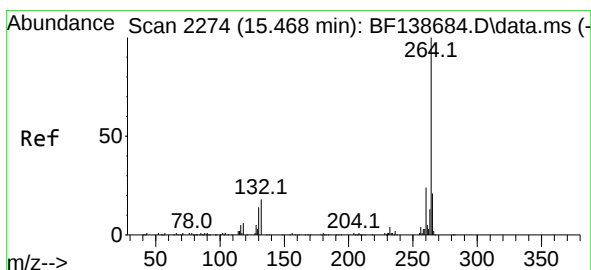
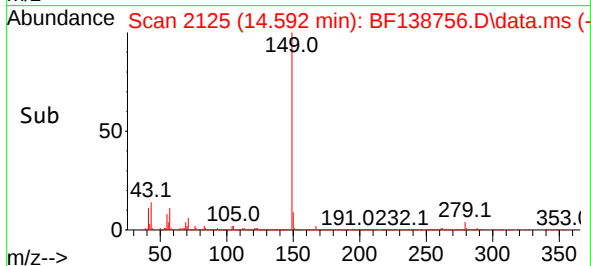
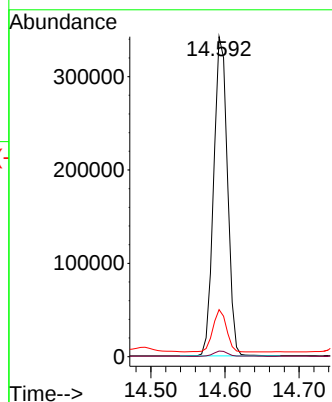
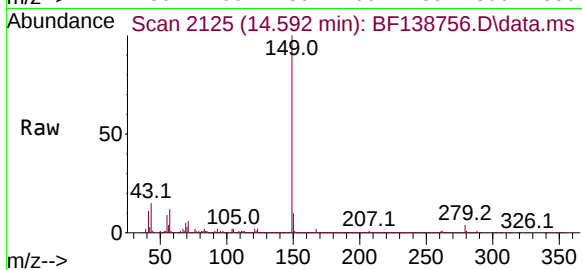
Tgt Ion:149 Resp: 441185

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 13.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

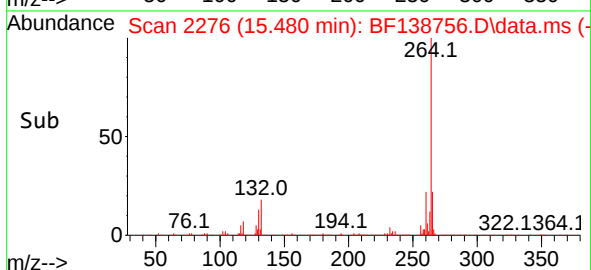
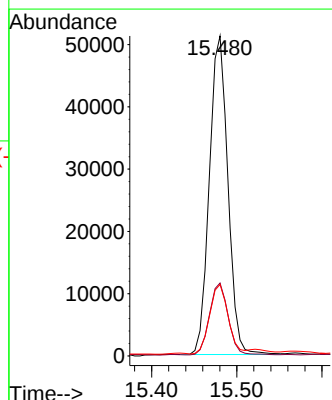
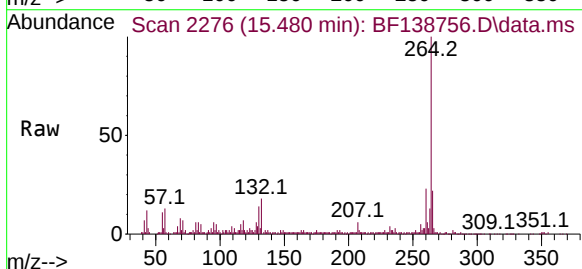
Tgt Ion:264 Resp: 77245

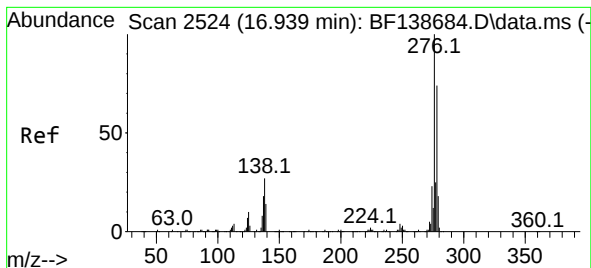
Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 22.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.866 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

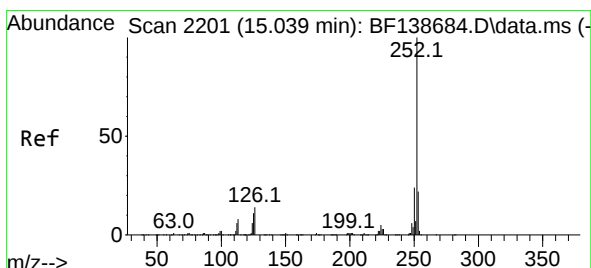
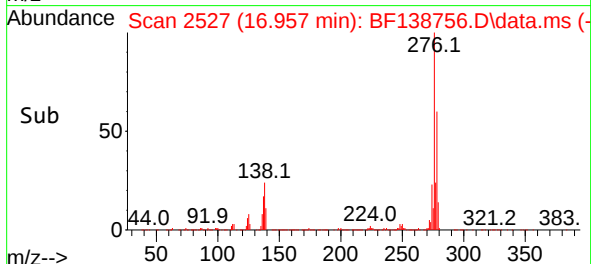
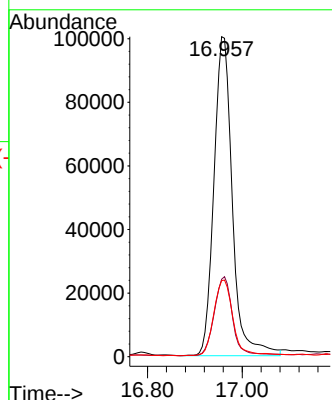
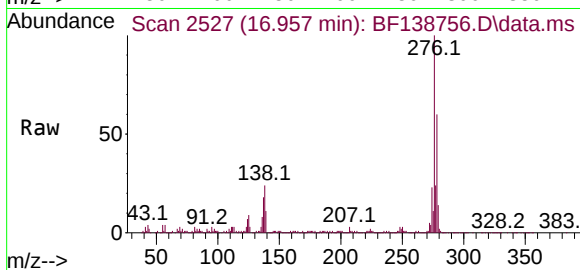
Tgt Ion:276 Resp: 270503

Ion Ratio Lower Upper

276 100

138 24.7 21.8 32.8

277 24.2 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 69.837 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.012 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

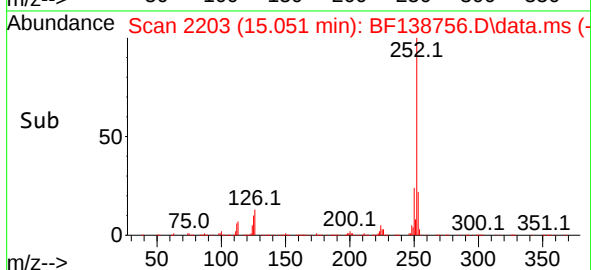
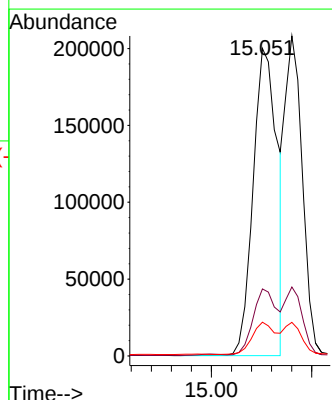
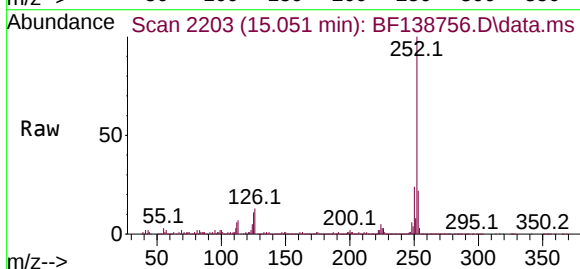
Tgt Ion:252 Resp: 334412

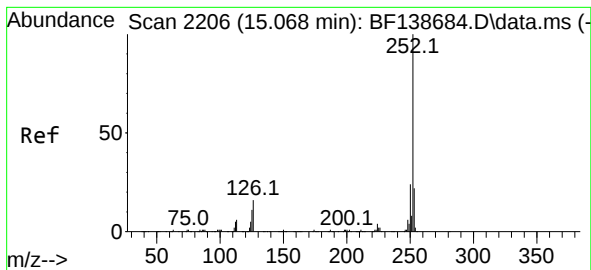
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 60.367 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

Instrument :

BNA\_F

ClientSampleId :

WC-10-Full Waste ClassMSD

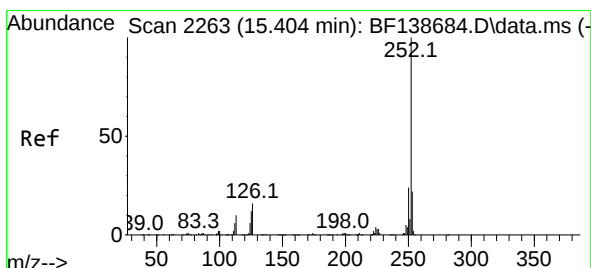
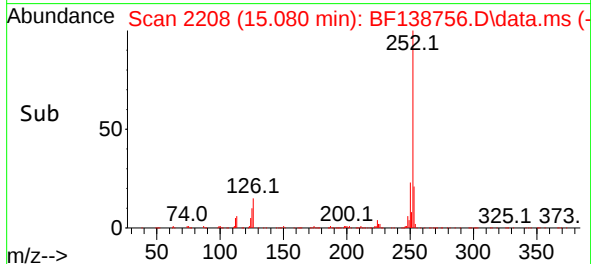
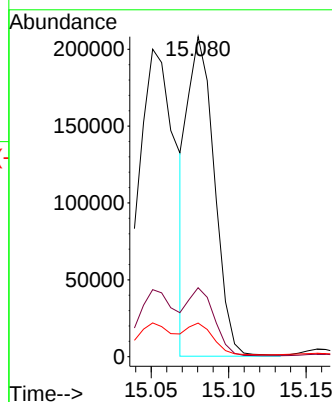
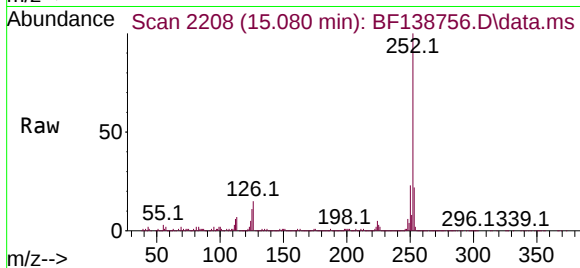
Tgt Ion:252 Resp: 250277

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 65.612 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138756.D

Acq: 02 Aug 2024 19:56

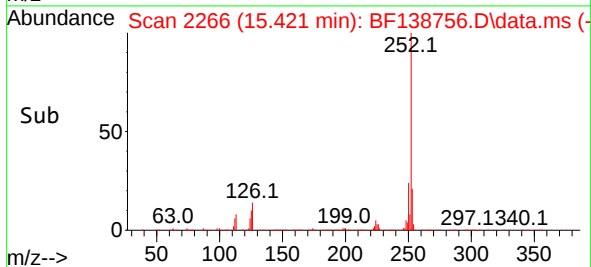
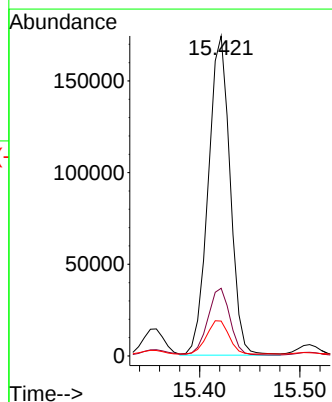
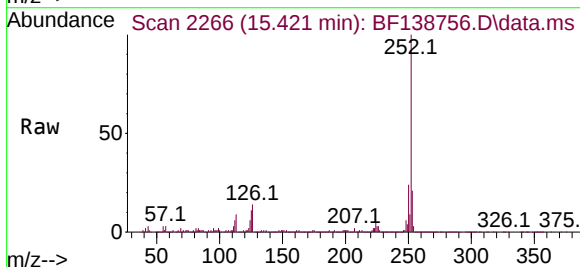
Tgt Ion:252 Resp: 264269

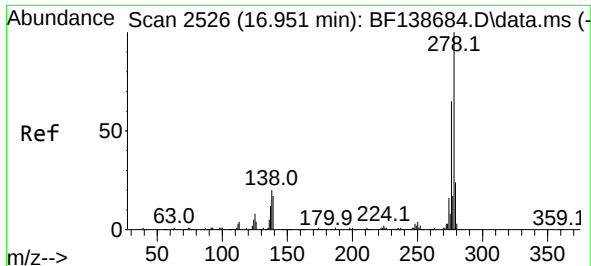
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 10.9 9.5 14.3

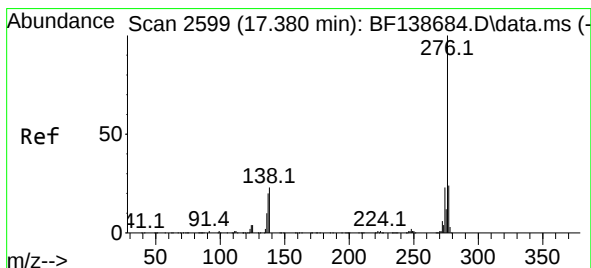
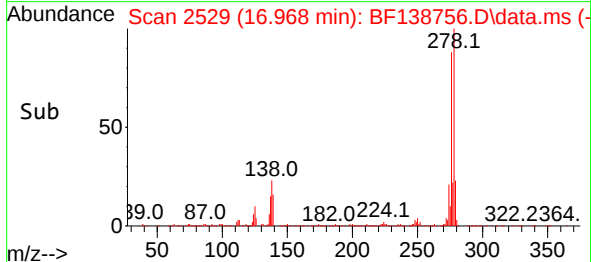
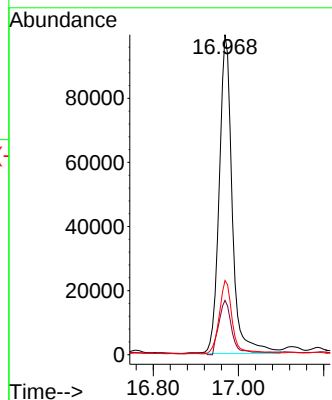
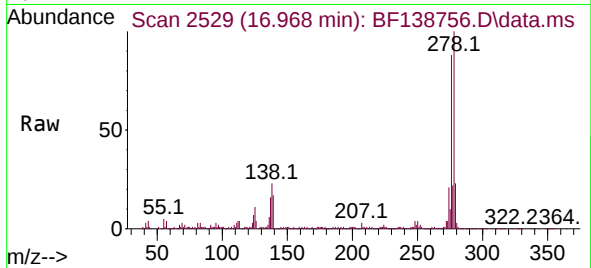




#91  
Dibenzo(a,h)anthracene  
Concen: 46.581 ng  
RT: 16.968 min Scan# 211668  
Delta R.T. 0.018 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Instrument :  
BNA\_F  
ClientSampleId :  
WC-10-Full Waste ClassMSD

Tgt Ion:278 Resp: 211668  
Ion Ratio Lower Upper  
278 100  
139 16.9 14.0 21.0  
279 23.1 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 41.790 ng  
RT: 17.404 min Scan# 2603  
Delta R.T. 0.024 min  
Lab File: BF138756.D  
Acq: 02 Aug 2024 19:56

Tgt Ion:276 Resp: 197058  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.4  
138 21.4 18.5 27.7

