

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071924\  
 Data File : BF138586.D  
 Acq On : 19 Jul 2024 13:28  
 Operator : RC/JU  
 Sample : P3246-02MSDRE  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-CTW2-BL-01MSD

Quant Time: Jul 19 14:05:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 71628    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 293898   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.898  | 164  | 161564   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 291130   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 151731   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.480 | 264  | 166878   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 601749   | 133.052 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 777660   | 129.255 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 568472   | 94.967  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 223323   | 147.898 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 935113   | 90.459  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.963 | 244  | 1014841  | 108.962 | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
| 2) 1,4-Dioxane                | 2.834  | 88   | 86905    | 43.386  | ng    | # 80     |
| 3) Pyridine                   | 3.540  | 79   | 183632   | 37.175  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.475  | 42   | 166182   | 51.679  | ng    | 91       |
| 6) Aniline                    | 6.528  | 93   | 154528   | 27.421  | ng    | # 52     |
| 8) 2-Chlorophenol             | 6.651  | 128  | 261749   | 54.733  | ng    | 99       |
| 9) Benzaldehyde               | 6.416  | 77   | 6645     | 2.063   | ng    | 97       |
| 10) Phenol                    | 6.516  | 94   | 311164   | 48.725  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 258783   | 53.822  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 251080   | 46.708  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 257074   | 47.094  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 244201   | 48.033  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 262774   | 58.197  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 471799   | 49.898  | ng    | 84       |
| 17) 2-Methylphenol            | 7.122  | 107  | 215564   | 55.000  | ng    | # 92     |
| 18) Hexachloroethane          | 7.369  | 117  | 92457    | 46.073  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 199809   | 53.747  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 270509   | 54.809  | ng    | 90       |
| 22) Acetophenone              | 7.269  | 105  | 339103   | 47.507  | ng    | 98       |
| 24) Nitrobenzene              | 7.445  | 77   | 303774   | 49.938  | ng    | 98       |
| 25) Isophorone                | 7.681  | 82   | 551661   | 53.665  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 139122   | 53.360  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 188680   | 58.881  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 323894   | 52.721  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 219350   | 52.713  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 220503   | 45.487  | ng    | 98       |
| 31) Naphthalene               | 8.163  | 128  | 761126   | 49.795  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 146680   | 47.993  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 77481    | 14.447  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 122003   | 40.871  | ng    | 98       |
| 35) Caprolactam               | 8.592  | 113  | 41491    | 30.900  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 256087   | 54.971  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 501809   | 51.016  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 467236   | 48.671  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 202244   | 44.914  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 170606   | 116.729 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.133  | 196  | 152464   | 53.081  | ng    | 98       |

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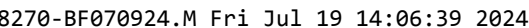
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-CTW2-BL-01MSD

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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 162428   | 51.415  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 593091   | 48.439  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 470316   | 50.846  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.445  | 65   | 187274   | 58.425  | ng    | 98       |
| 49) Acenaphthylene            | 9.763  | 152  | 756445   | 57.601  | ng    | 100      |
| 50) Dimethylphthalate         | 9.622  | 163  | 585483   | 56.043  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 129295   | 53.752  | ng    | 90       |
| 52) Acenaphthene              | 9.933  | 154  | 468587   | 53.678  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 42855    | 17.383  | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 145620   | 110.886 | ng    | 95       |
| 55) Dibenzofuran              | 10.104 | 168  | 681350   | 53.811  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 188197   | 103.456 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 175897   | 56.517  | ng    | 93       |
| 58) Fluorene                  | 10.445 | 166  | 545324   | 54.430  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 139154   | 55.812  | ng    | 98       |
| 60) Diethylphthalate          | 10.322 | 149  | 564213   | 56.022  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.433 | 204  | 255951   | 50.876  | ng    | 93       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 130944   | 53.003  | ng    | 100      |
| 63) Azobenzene                | 10.598 | 77   | 616021   | 56.891  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 103347   | 61.479  | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 476855   | 54.670  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.927 | 248  | 155913   | 52.105  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.992 | 284  | 171208   | 51.504  | ng    | 96       |
| 69) Atrazine                  | 11.080 | 200  | 118029   | 40.814  | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 199032   | 101.185 | ng    | 98       |
| 71) Phenanthrene              | 11.410 | 178  | 820787   | 55.805  | ng    | 100      |
| 72) Anthracene                | 11.463 | 178  | 828410   | 56.740  | ng    | 100      |
| 73) Carbazole                 | 11.616 | 167  | 725290   | 55.278  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.939 | 149  | 877473   | 58.019  | ng    | 100      |
| 75) Fluoranthene              | 12.592 | 202  | 801708   | 53.418  | ng    | 97       |
| 77) Benzidine                 | 12.716 | 184  | 8641     | 2.257   | ng    | # 93     |
| 78) Pyrene                    | 12.821 | 202  | 808509   | 52.491  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 306999   | 66.257  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.010 | 228  | 587942   | 57.748  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 90798    | 34.610  | ng    | # 96     |
| 83) Chrysene                  | 14.045 | 228  | 535052   | 55.553  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 385193   | 77.948  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 566098   | 72.516  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.956 | 276  | 644960   | 57.538  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 507080   | 53.956  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 510378   | 55.683  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 475734   | 57.624  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 516723   | 56.354  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.404 | 276  | 498254   | 51.245  | ng    | 95       |

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

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QLast Update : Tue Jul 09 16:58:40 2024  
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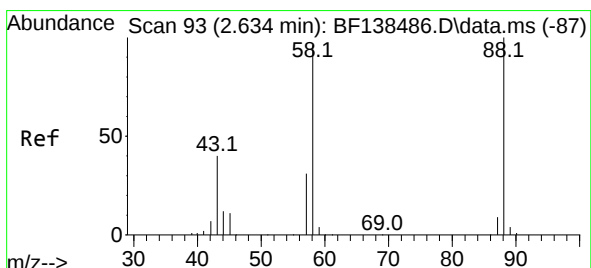
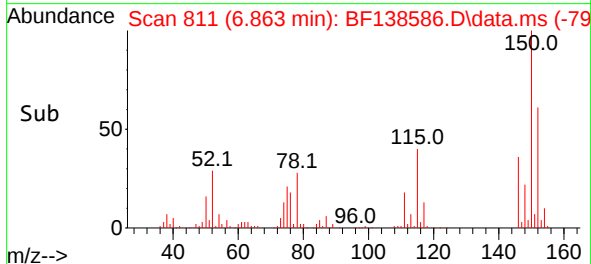
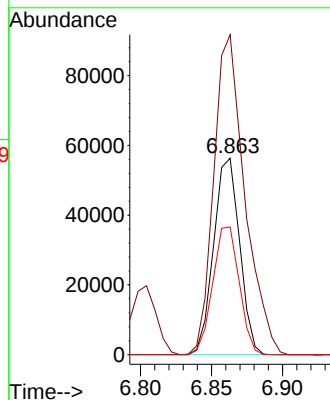
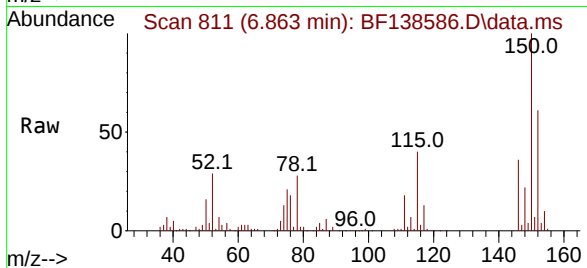




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

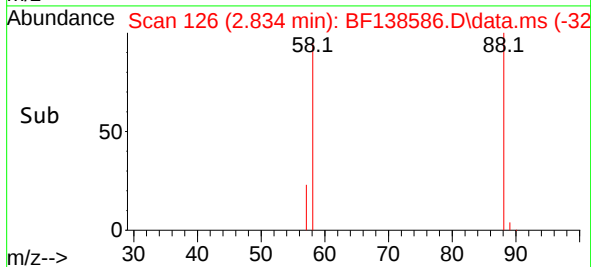
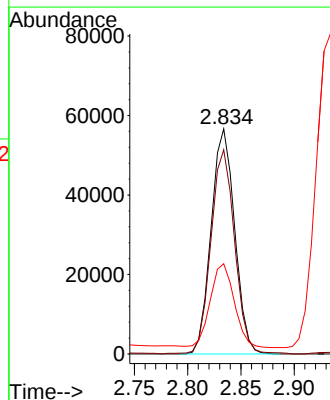
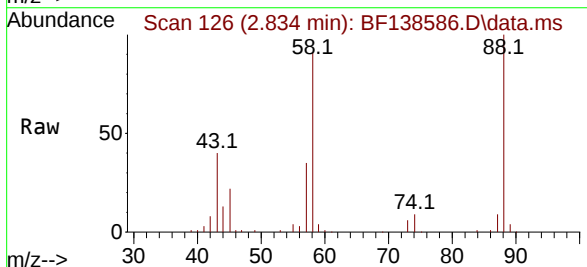
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

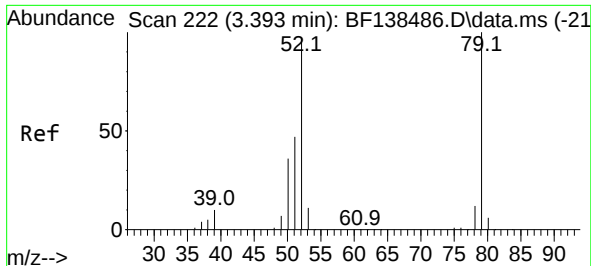
Tgt Ion:152 Resp: 71628  
Ion Ratio Lower Upper  
152 100  
150 162.8 126.2 189.4  
115 65.0 50.3 75.5



#2  
1,4-Dioxane  
Concen: 43.386 ng  
RT: 2.834 min Scan# 126  
Delta R.T. 0.200 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion: 88 Resp: 86905  
Ion Ratio Lower Upper  
88 100  
58 91.7 74.6 112.0  
43 0.0 31.8 47.6#

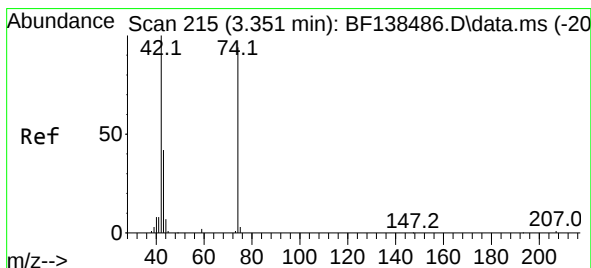
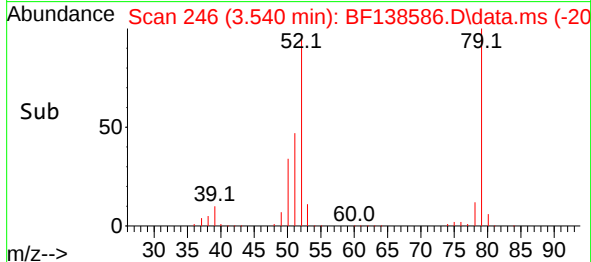
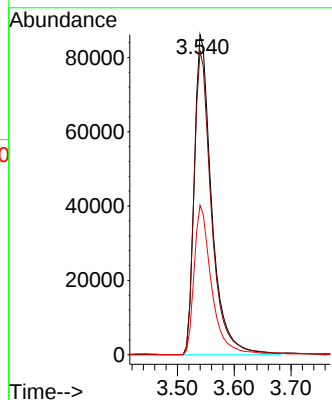
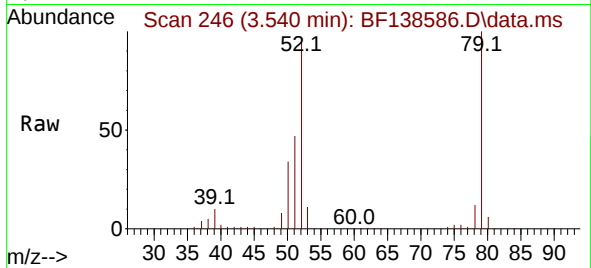




#3  
 Pyridine  
 Concen: 37.175 ng  
 RT: 3.540 min Scan# 246  
 Delta R.T. 0.147 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

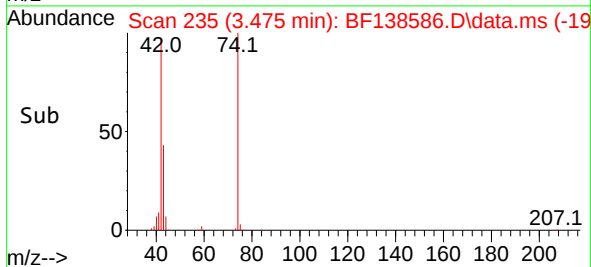
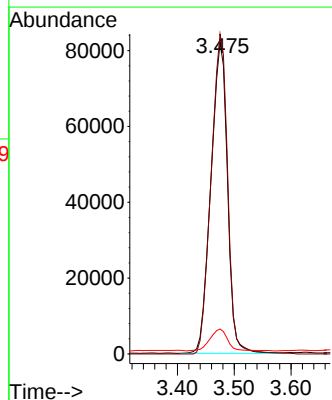
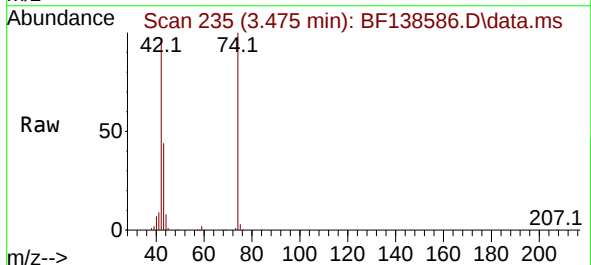
Instrument :  
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 ClientSampleId :  
 WC-CTW2-BL-01MSD

Tgt Ion: 79 Resp: 183632  
 Ion Ratio Lower Upper  
 79 100  
 52 94.9 77.4 116.2  
 51 46.7 37.4 56.0



#4  
 n-Nitrosodimethylamine  
 Concen: 51.679 ng  
 RT: 3.475 min Scan# 235  
 Delta R.T. 0.124 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

Tgt Ion: 42 Resp: 166182  
 Ion Ratio Lower Upper  
 42 100  
 74 102.7 75.0 112.6  
 44 8.0 5.4 8.2

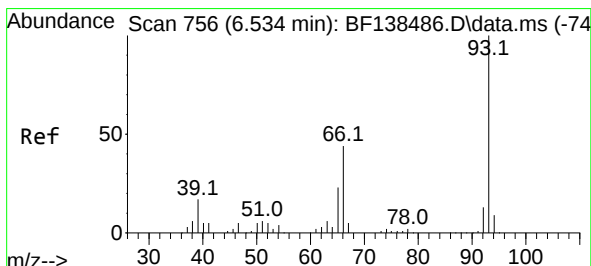
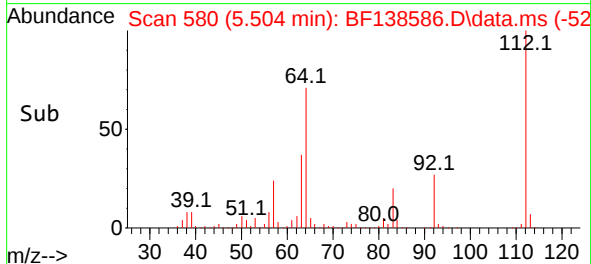
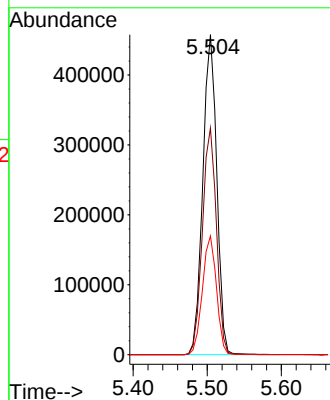
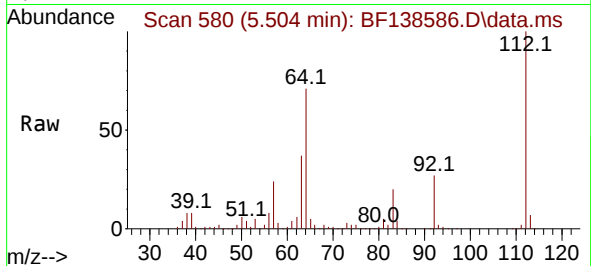




#5  
2-Fluorophenol  
Concen: 133.052 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

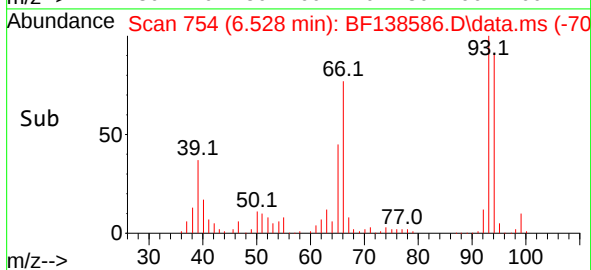
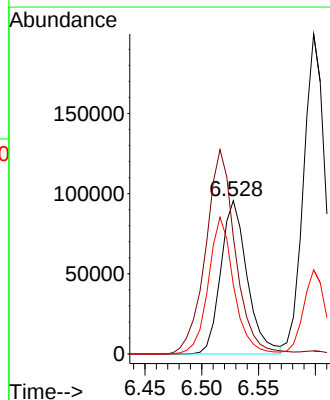
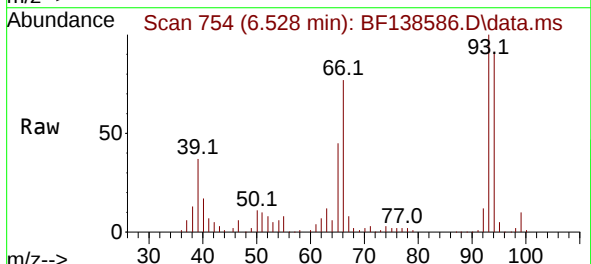
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Tgt Ion:112 Resp: 601749  
Ion Ratio Lower Upper  
112 100  
64 70.8 55.1 82.7  
63 37.1 29.0 43.6



#6  
Aniline  
Concen: 27.421 ng  
RT: 6.528 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion: 93 Resp: 154528  
Ion Ratio Lower Upper  
93 100  
66 76.5 35.4 53.0#  
65 45.3 18.6 27.8#

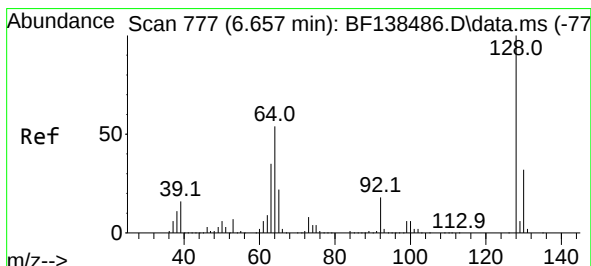
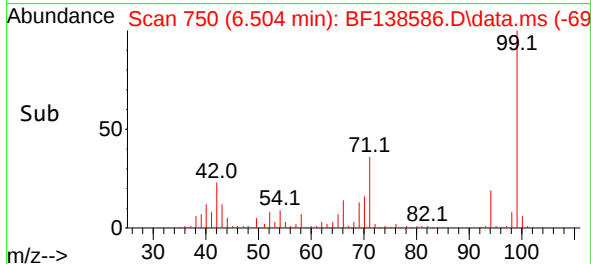
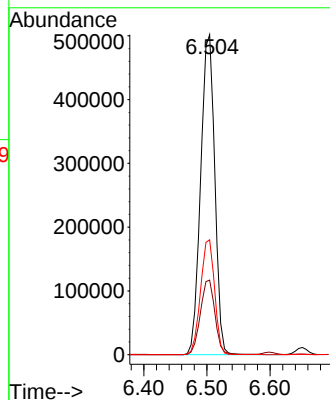
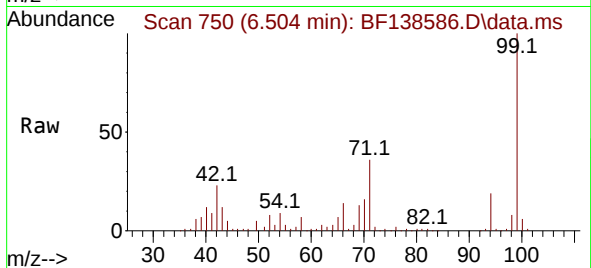




#7  
Phenol-d6  
Concen: 129.255 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

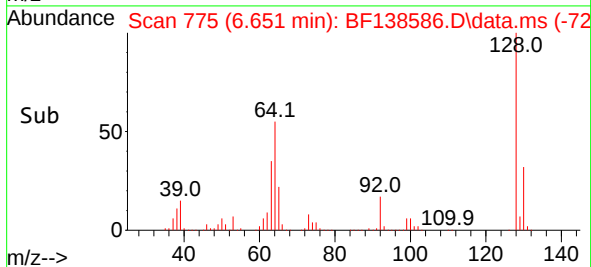
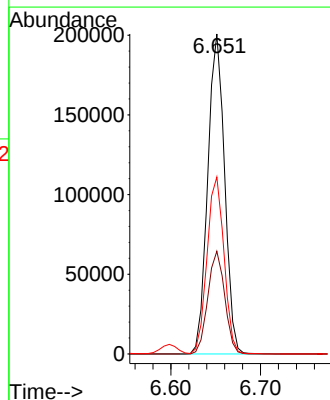
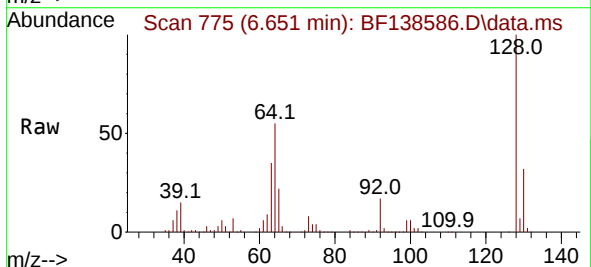
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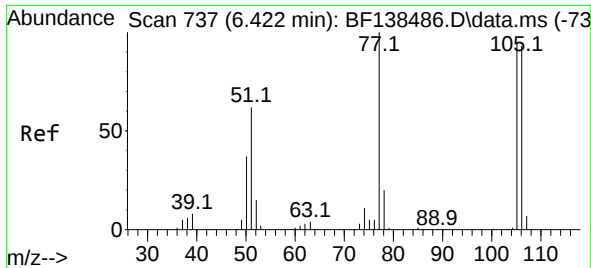
Tgt Ion: 99 Resp: 777660  
Ion Ratio Lower Upper  
99 100  
42 23.3 19.7 29.5  
71 35.9 29.9 44.9



#8  
2-Chlorophenol  
Concen: 54.733 ng  
RT: 6.651 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:128 Resp: 261749  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.1 52.1  
64 55.3 34.4 74.4





#9

Benzaldehyde

Concen: 2.063 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

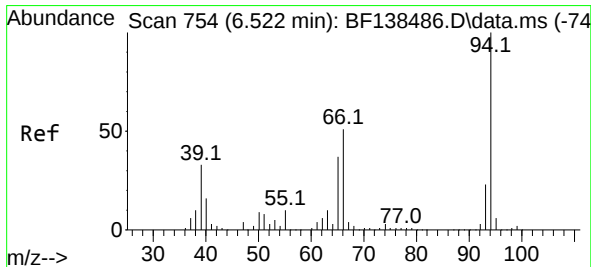
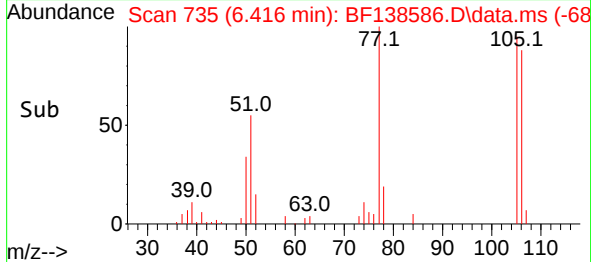
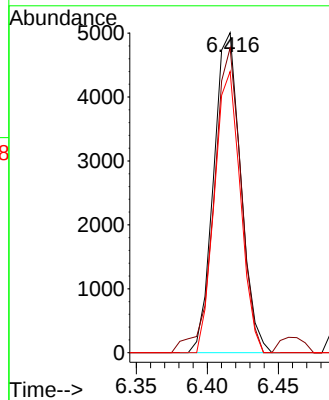
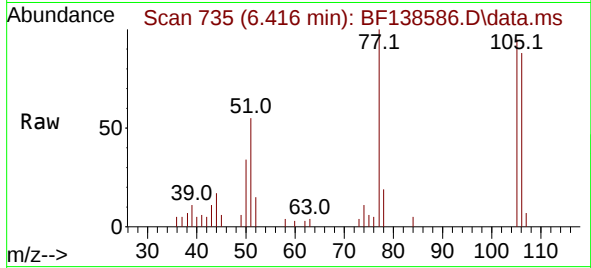
Tgt Ion: 77 Resp: 6645

Ion Ratio Lower Upper

77 100

105 95.3 75.1 115.1

106 87.9 73.2 113.2



#10

Phenol

Concen: 48.725 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

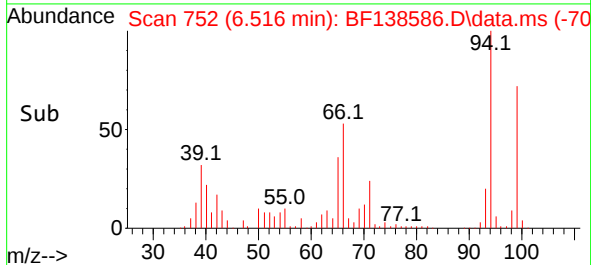
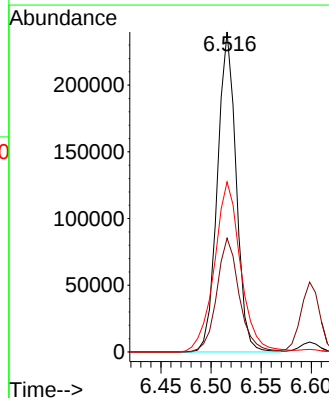
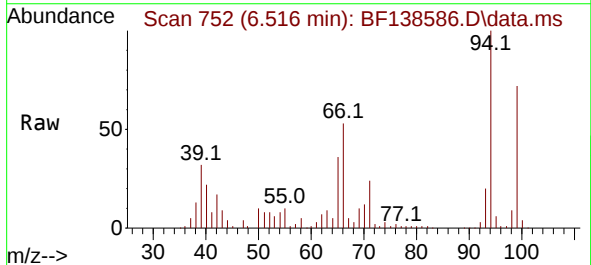
Tgt Ion: 94 Resp: 311164

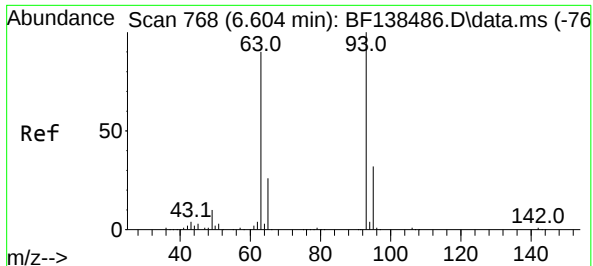
Ion Ratio Lower Upper

94 100

65 35.6 16.7 56.7

66 53.1 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 53.822 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

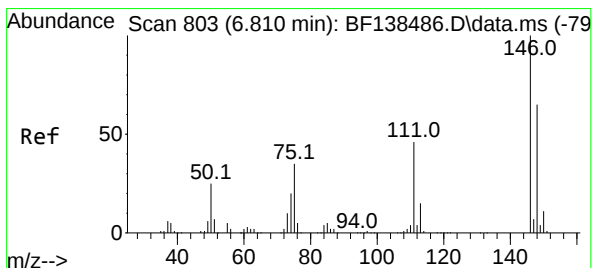
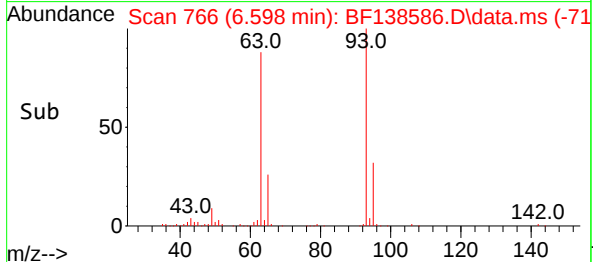
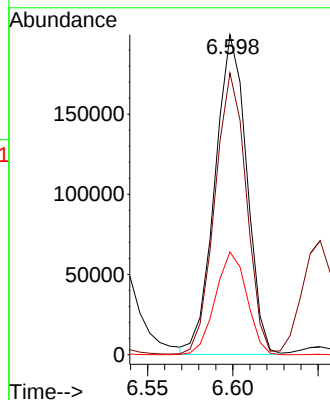
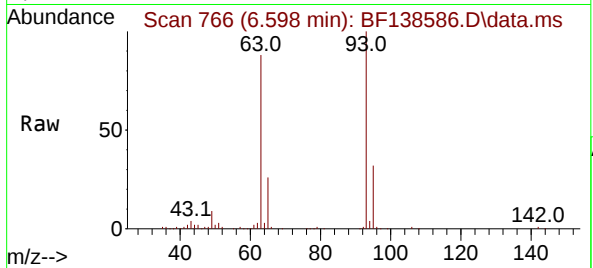
Tgt Ion: 93 Resp: 258783

Ion Ratio Lower Upper

93 100

63 88.0 68.8 108.8

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 46.708 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

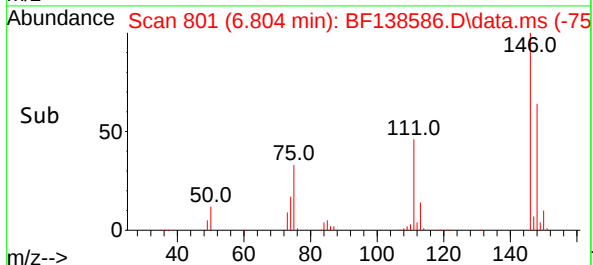
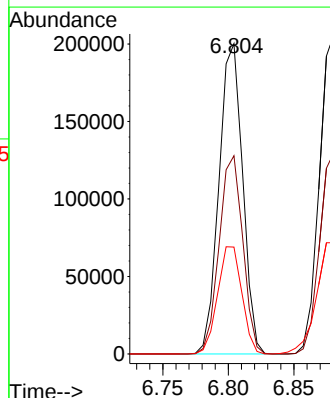
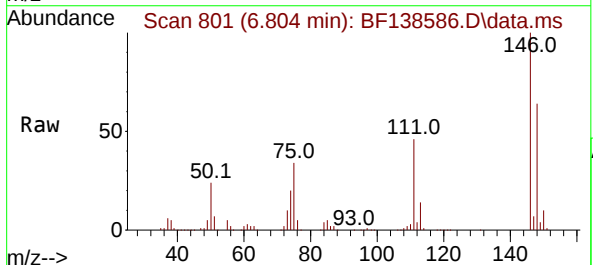
Tgt Ion:146 Resp: 251080

Ion Ratio Lower Upper

146 100

148 63.9 52.4 78.6

75 34.5 27.8 41.8

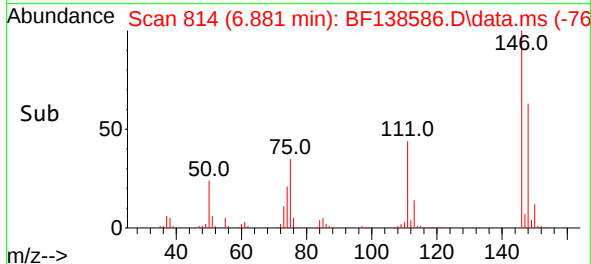
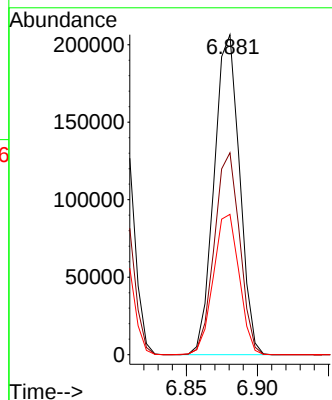
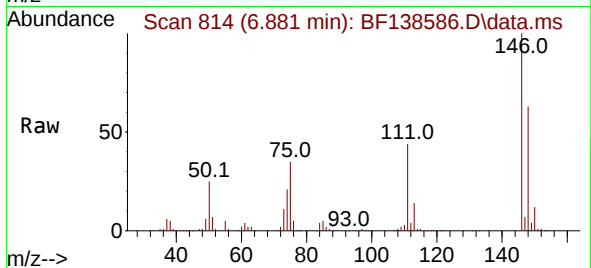




#13  
1,4-Dichlorobenzene  
Concen: 47.094 ng  
RT: 6.881 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

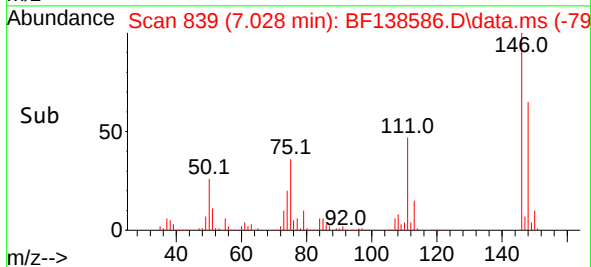
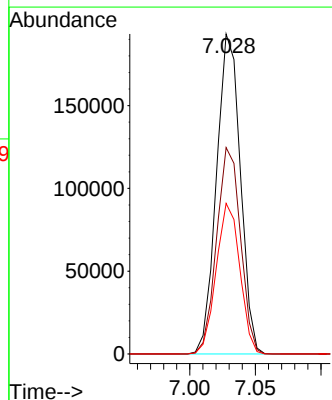
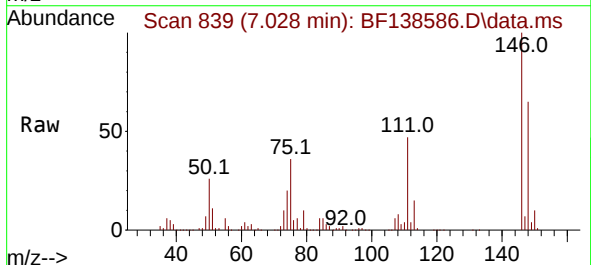
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:146 Resp: 257074  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.6 77.4  
111 43.8 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 48.033 ng  
RT: 7.028 min Scan# 839  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:146 Resp: 244201  
Ion Ratio Lower Upper  
146 100  
148 64.5 50.1 75.1  
111 47.0 35.5 53.3





#15

Benzyl Alcohol

Concen: 58.197 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

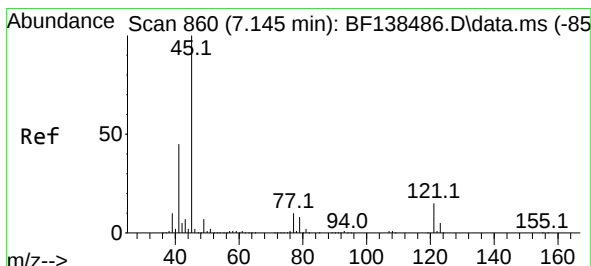
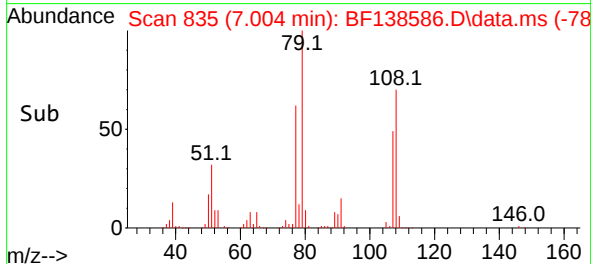
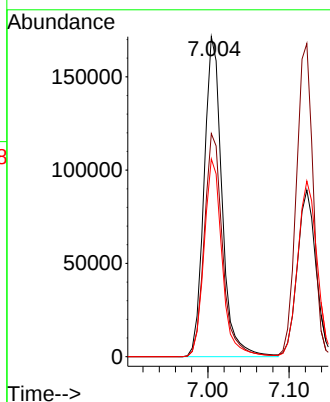
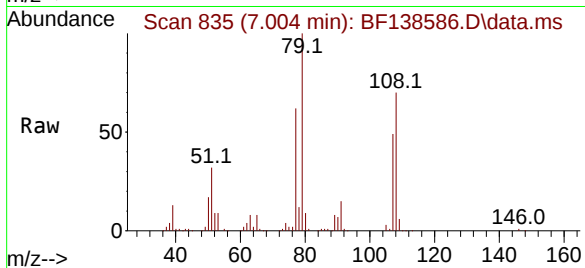
Tgt Ion: 79 Resp: 262774

Ion Ratio Lower Upper

79 100

108 69.7 54.3 81.5

77 61.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.898 ng

RT: 7.134 min Scan# 857

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

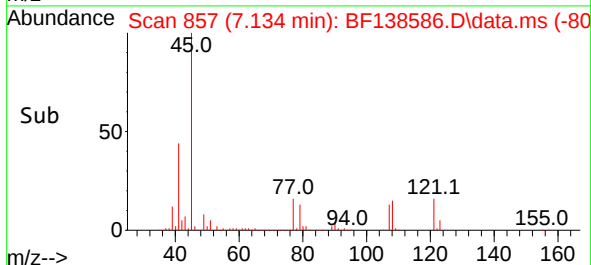
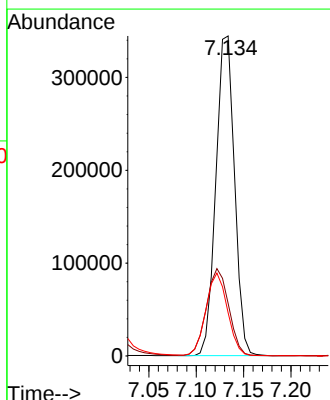
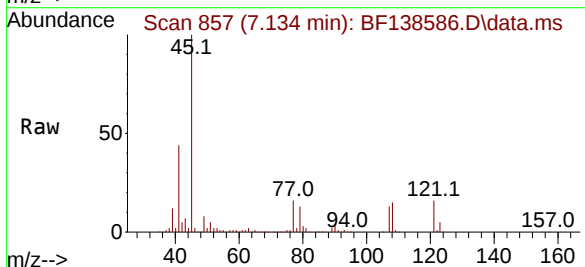
Tgt Ion: 45 Resp: 471799

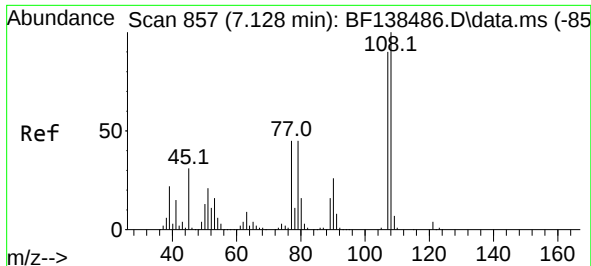
Ion Ratio Lower Upper

45 100

77 16.4 0.0 30.4

79 13.5 0.0 28.1

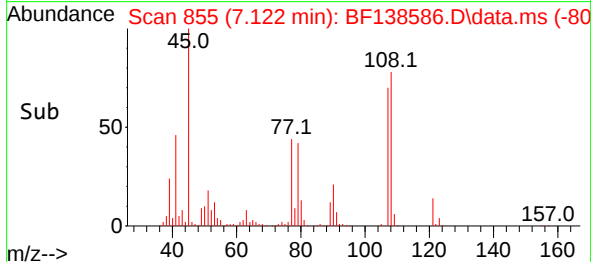
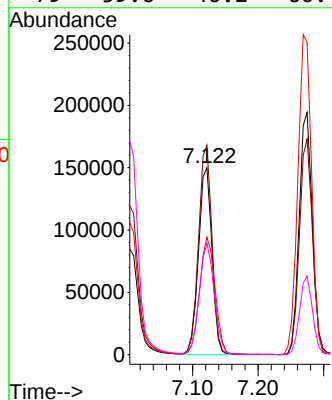
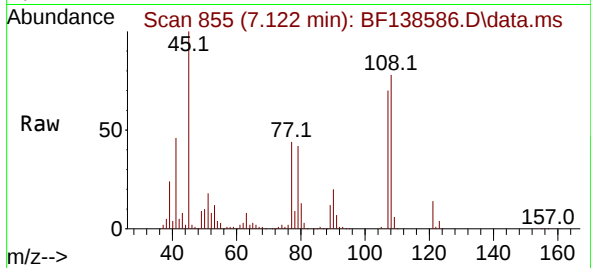




#17  
2-Methylphenol  
Concen: 55.000 ng  
RT: 7.122 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

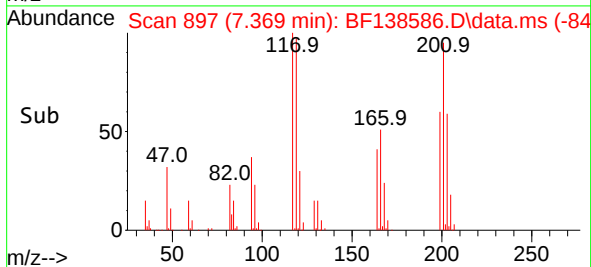
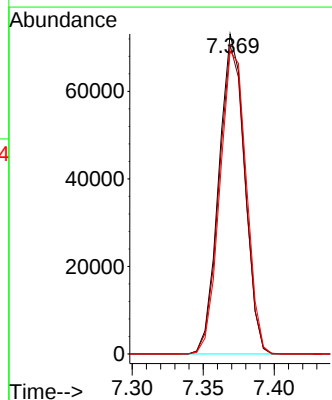
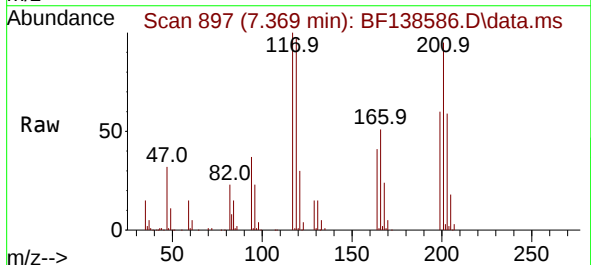
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:107 Resp: 215564  
Ion Ratio Lower Upper  
107 100  
108 112.0 89.0 133.4  
77 62.8 40.3 60.5#  
79 59.6 40.2 60.4



#18  
Hexachloroethane  
Concen: 46.073 ng  
RT: 7.369 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:117 Resp: 92457  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.6 114.8  
201 94.7 81.4 122.0

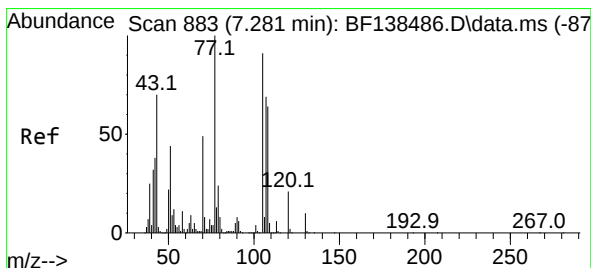
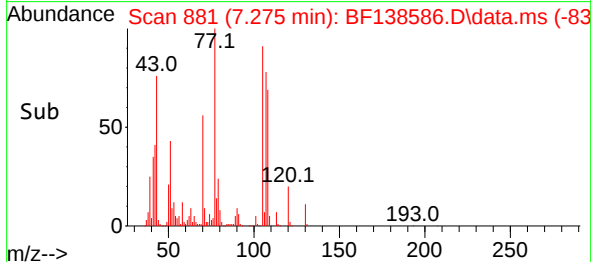
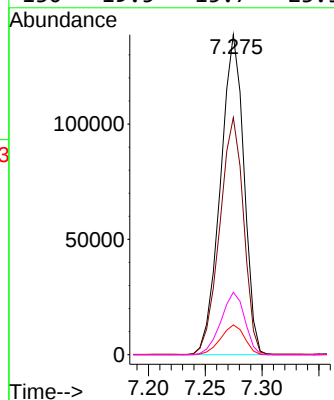
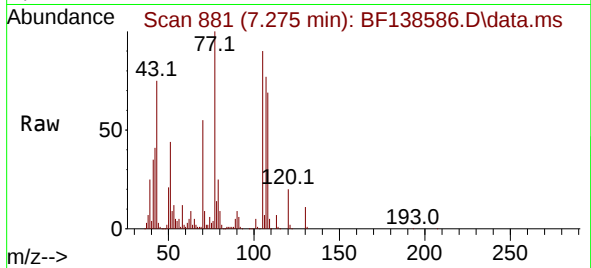




#19  
n-Nitroso-di-n-propylamine  
Concen: 53.747 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

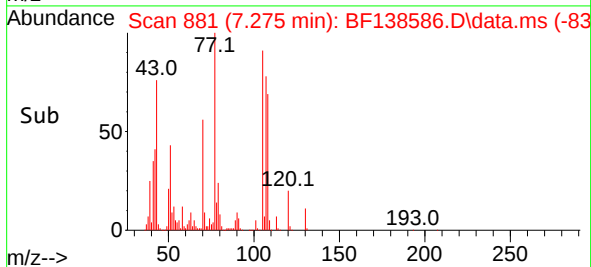
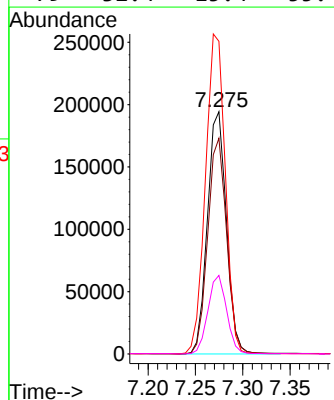
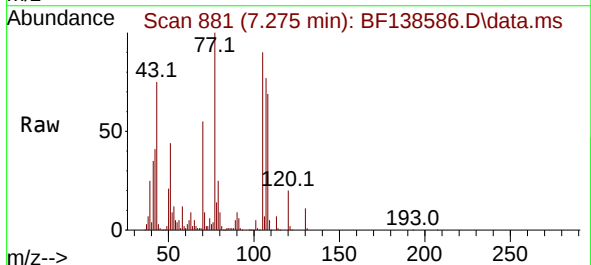
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

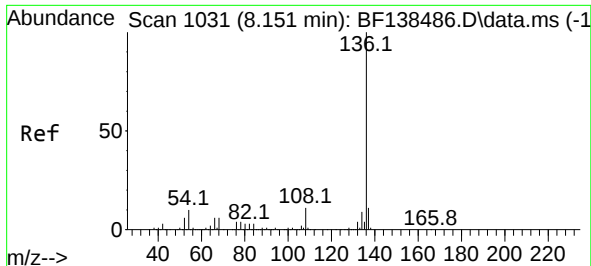
Tgt Ion: 70 Resp: 199809  
Ion Ratio Lower Upper  
70 100  
42 74.1 62.4 93.6  
101 9.3 7.2 10.8  
130 19.5 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 54.809 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:107 Resp: 270509  
Ion Ratio Lower Upper  
107 100  
108 89.0 73.7 113.7  
77 129.1 126.0 166.0  
79 32.4 15.4 55.4

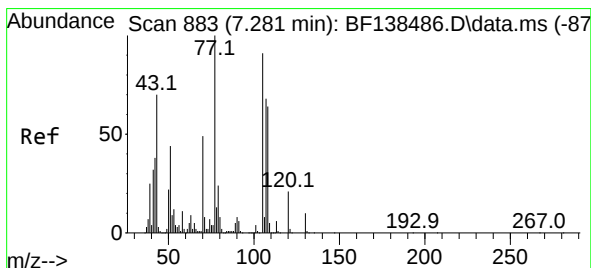
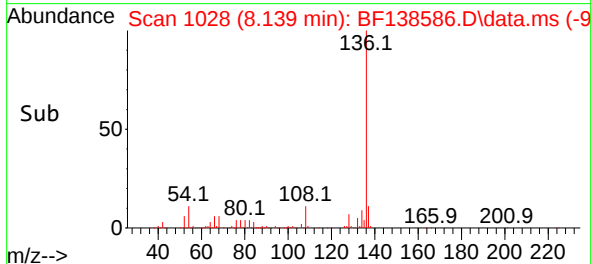
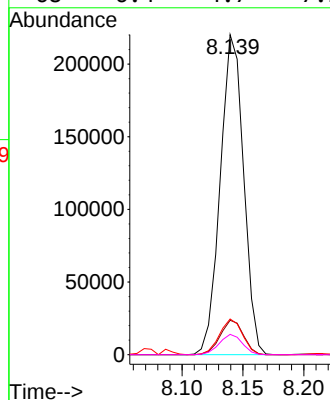
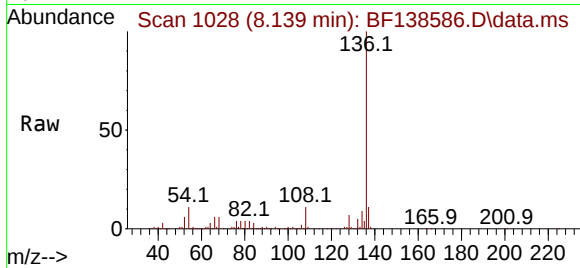




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

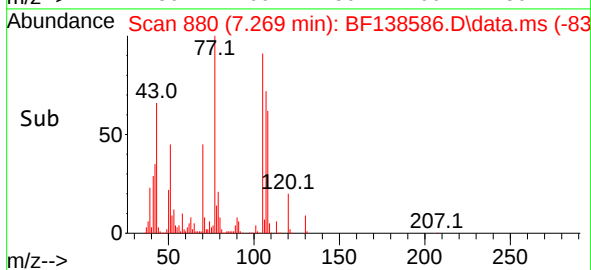
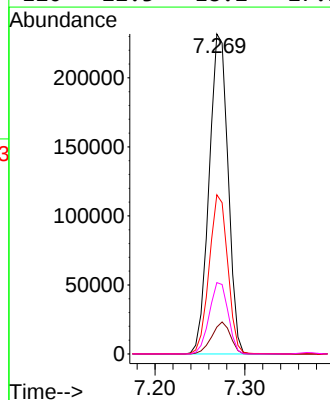
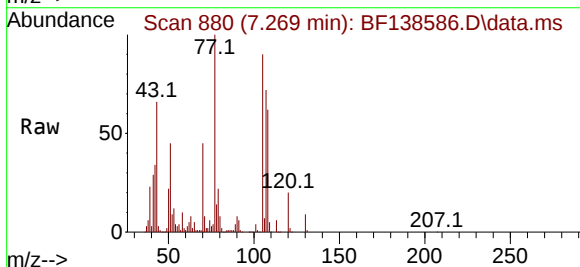
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:136 Resp: 293898  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 11.2 8.1 12.1  
68 6.4 4.7 7.1



#22  
Acetophenone  
Concen: 47.507 ng  
RT: 7.269 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:105 Resp: 339103  
Ion Ratio Lower Upper  
105 100  
71 8.4 7.4 11.2  
51 49.8 38.7 58.1  
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 94.967 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

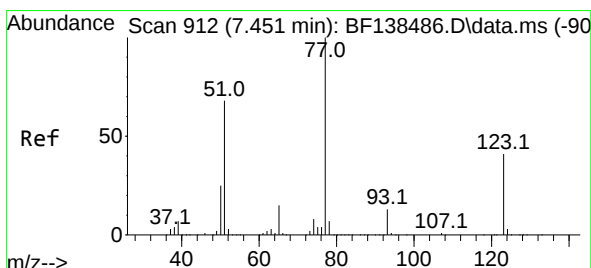
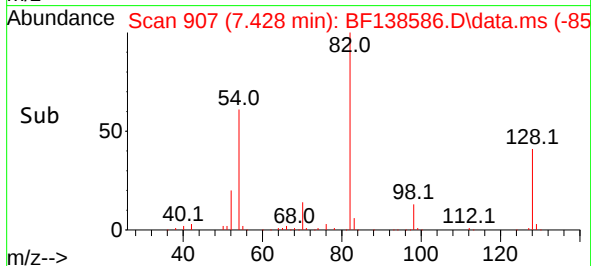
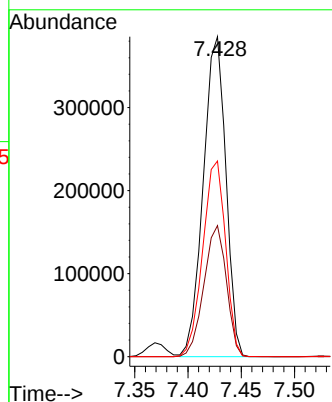
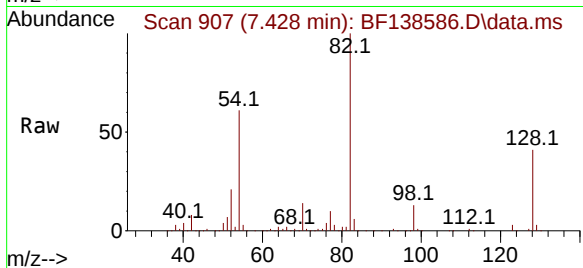
Tgt Ion: 82 Resp: 568472

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 61.2 51.4 77.0



#24

Nitrobenzene

Concen: 49.938 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

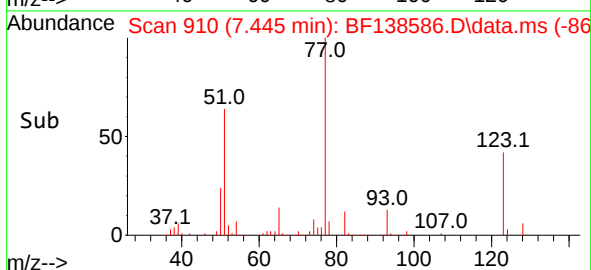
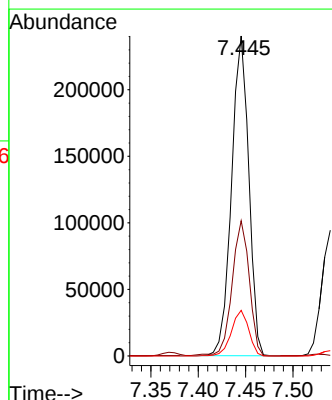
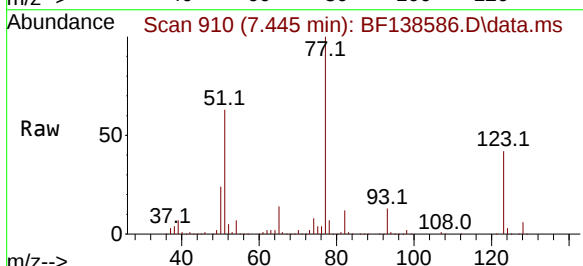
Tgt Ion: 77 Resp: 303774

Ion Ratio Lower Upper

77 100

123 42.2 32.4 48.6

65 14.3 11.8 17.8

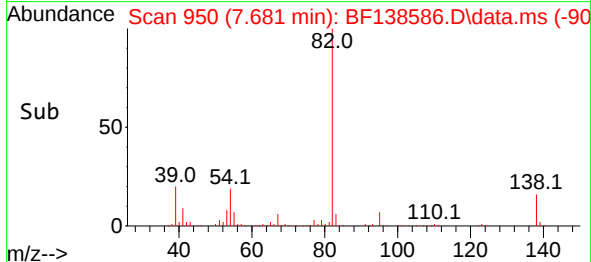
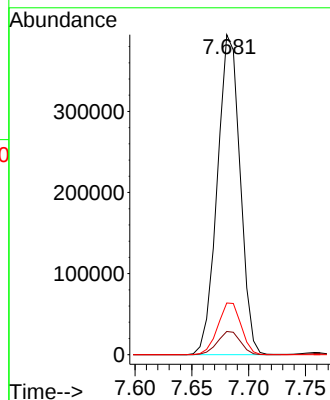
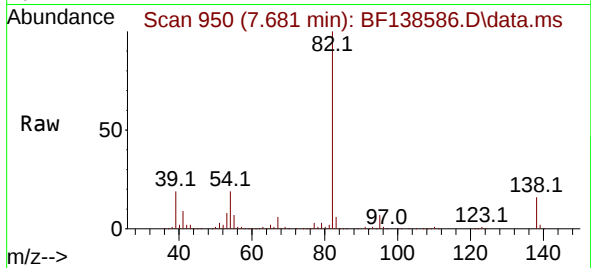




#25  
Isophorone  
Concen: 53.665 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

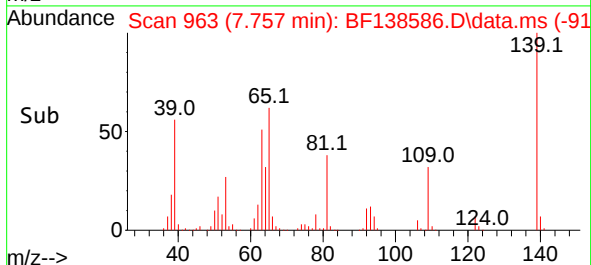
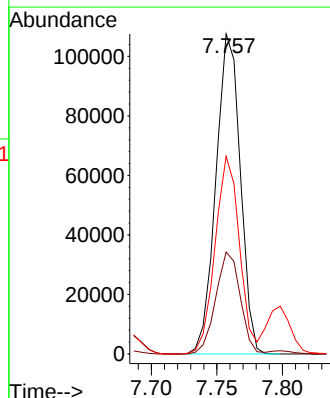
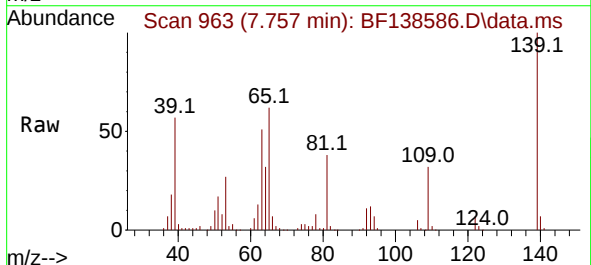
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

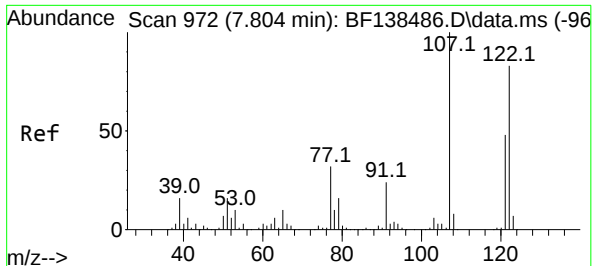
Tgt Ion: 82 Resp: 551661  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.0 9.0  
138 16.2 12.8 19.2



#26  
2-Nitrophenol  
Concen: 53.360 ng  
RT: 7.757 min Scan# 963  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:139 Resp: 139122  
Ion Ratio Lower Upper  
139 100  
109 31.8 24.8 37.2  
65 61.7 45.1 67.7

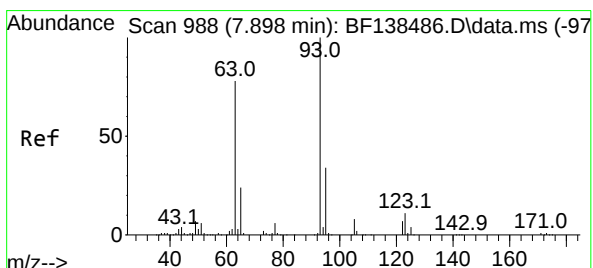
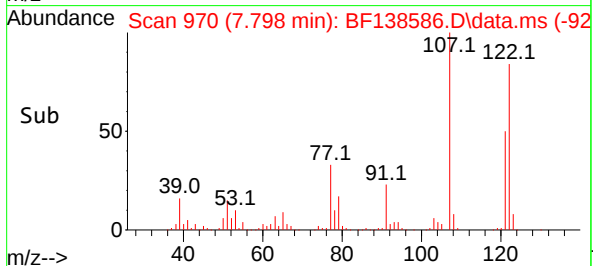
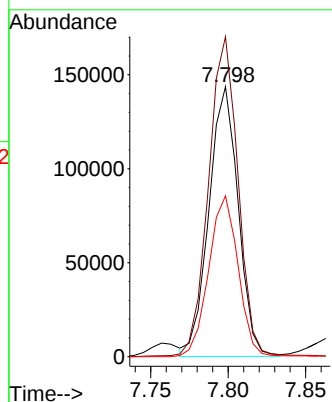
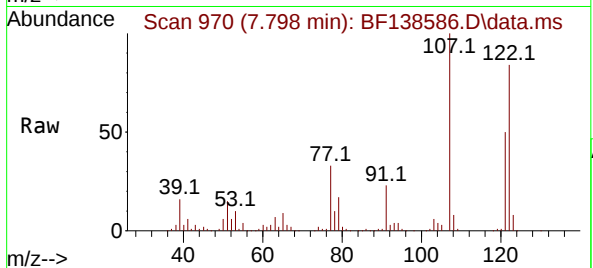




#27  
2,4-Dimethylphenol  
Concen: 58.881 ng  
RT: 7.798 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

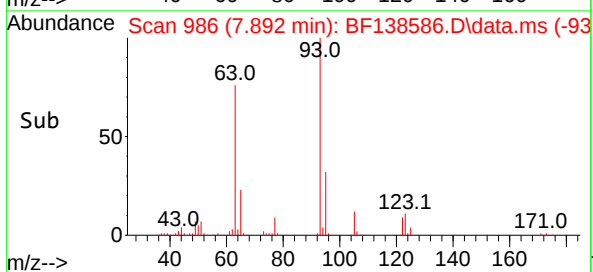
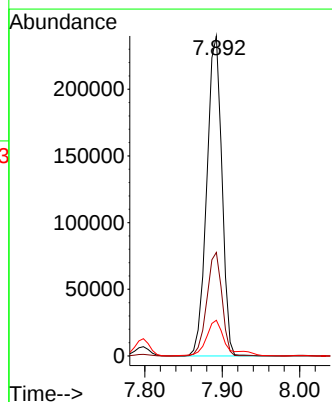
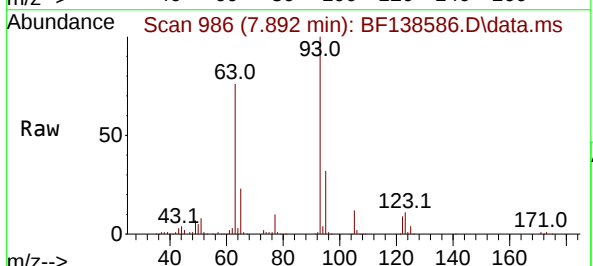
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

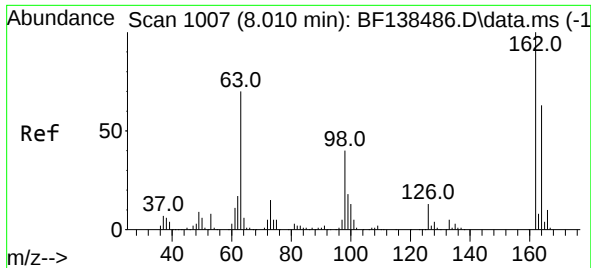
Tgt Ion:122 Resp: 188680  
Ion Ratio Lower Upper  
122 100  
107 118.5 96.3 144.5  
121 59.5 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.721 ng  
RT: 7.892 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion: 93 Resp: 323894  
Ion Ratio Lower Upper  
93 100  
95 32.4 27.0 40.6  
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.713 ng

RT: 8.004 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

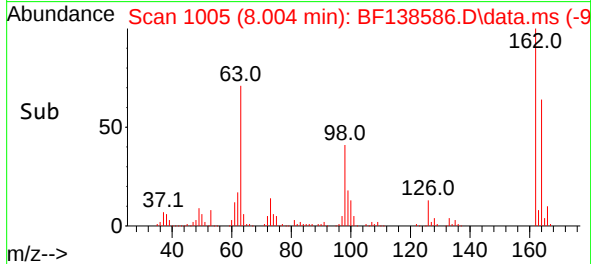
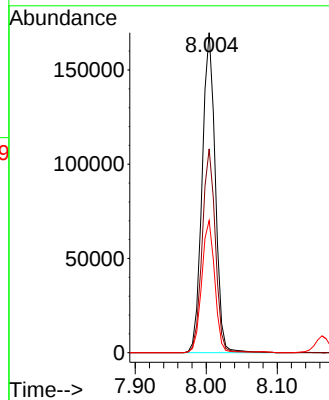
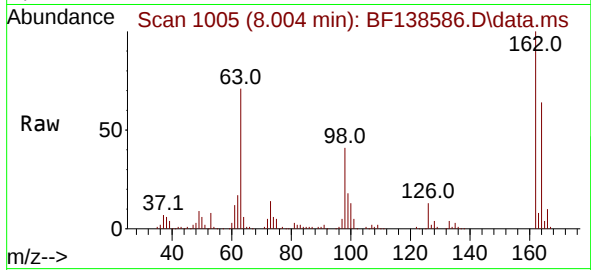
Tgt Ion:162 Resp: 219350

Ion Ratio Lower Upper

162 100

164 63.7 42.6 82.6

98 41.3 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 45.487 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

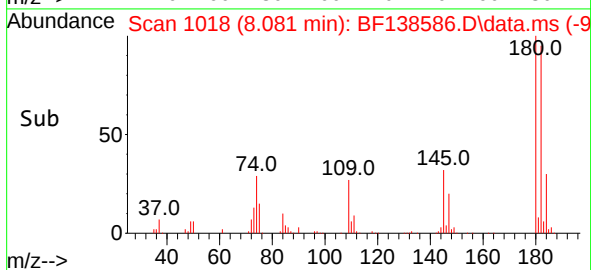
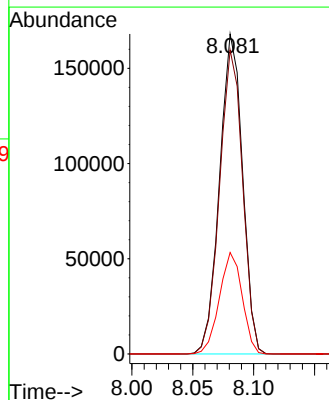
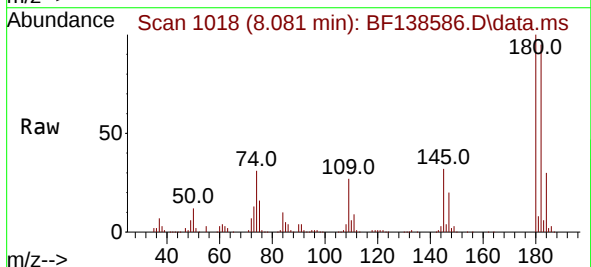
Tgt Ion:180 Resp: 220503

Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

145 31.7 23.9 35.9

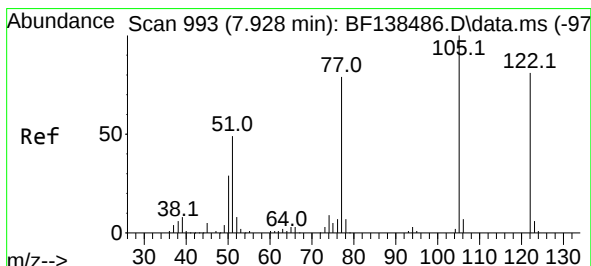
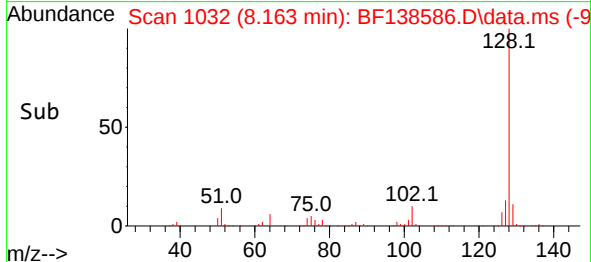
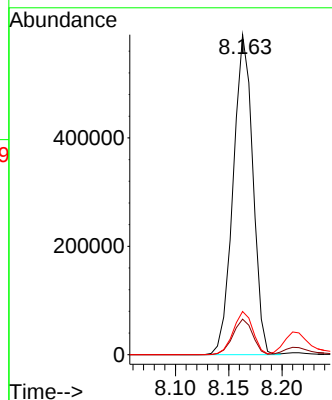
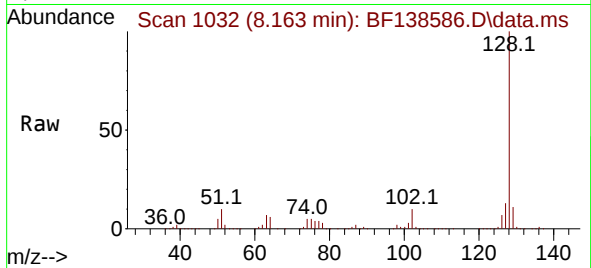




#31  
Naphthalene  
Concen: 49.795 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

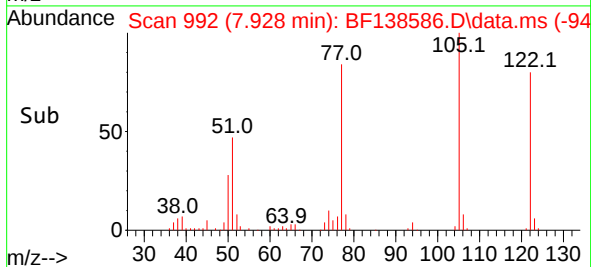
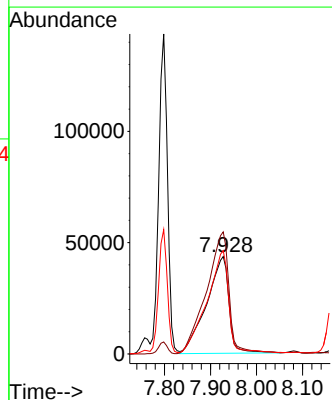
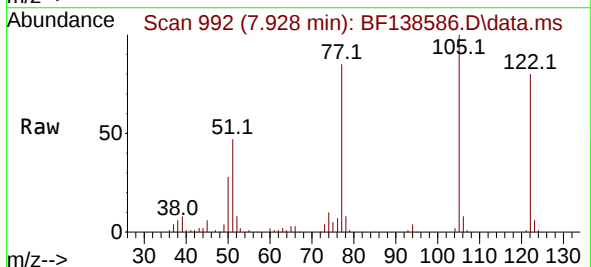
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:128 Resp: 761126  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 47.993 ng  
RT: 7.928 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:122 Resp: 146680  
Ion Ratio Lower Upper  
122 100  
105 125.2 101.5 141.5  
77 106.0 77.3 117.3

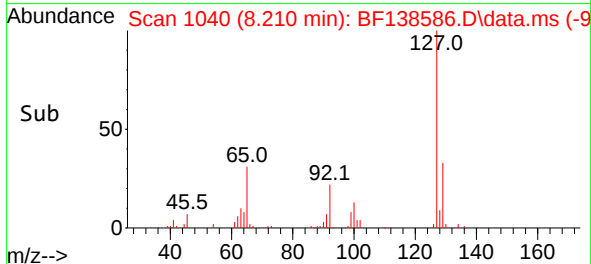
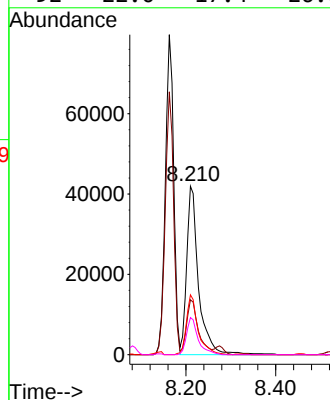
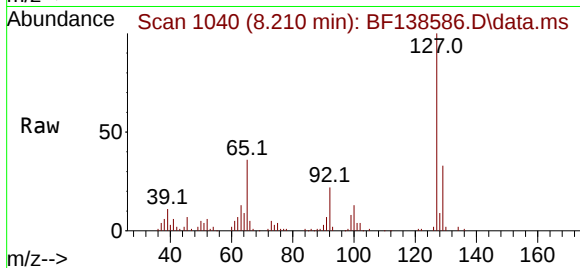




#33  
4-Chloroaniline  
Concen: 14.447 ng  
RT: 8.210 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

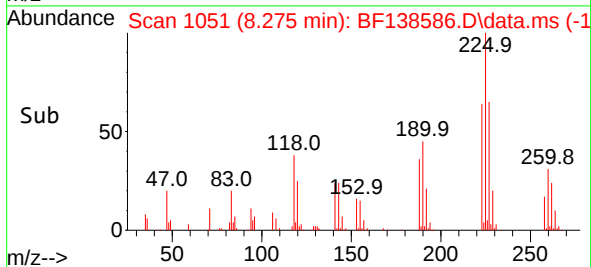
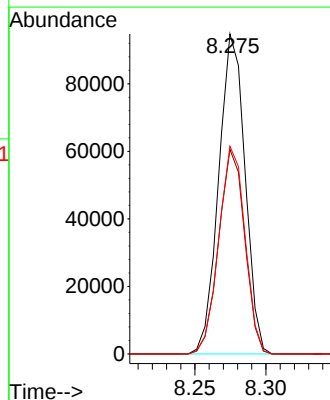
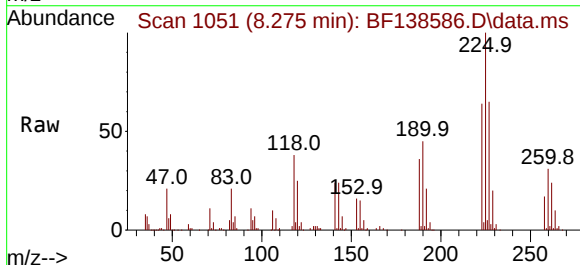
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

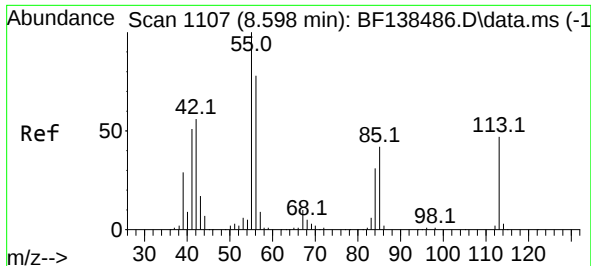
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 77481     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.6  | 25.6 38.4 |
| 65          | 35.6  | 29.6 44.4 |
| 92          | 22.0  | 17.4 26.0 |



#34  
Hexachlorobutadiene  
Concen: 40.871 ng  
RT: 8.275 min Scan# 1051  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 122003    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.9  | 50.0 75.0 |
| 227         | 64.9  | 51.0 76.6 |

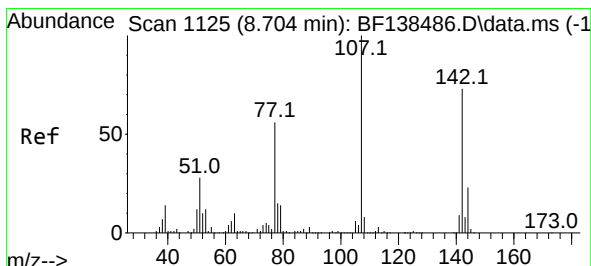
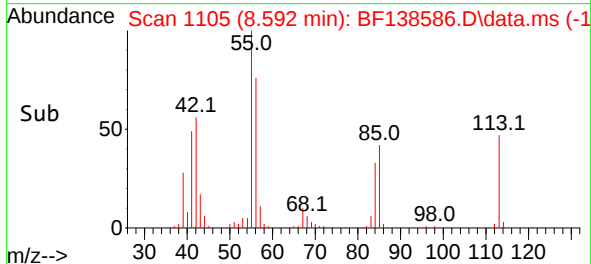
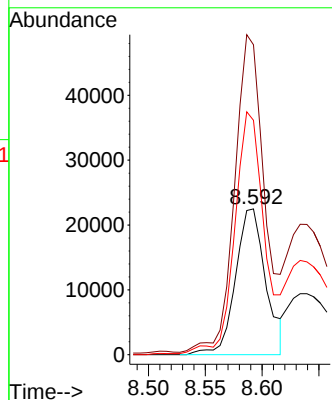
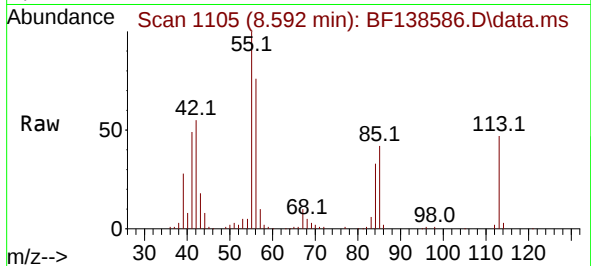




#35  
 Caprolactam  
 Concen: 30.900 ng  
 RT: 8.592 min Scan# 1105  
 Delta R.T. -0.006 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

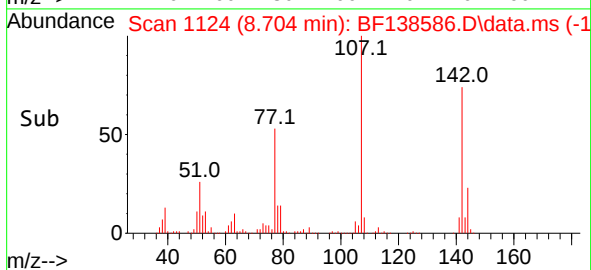
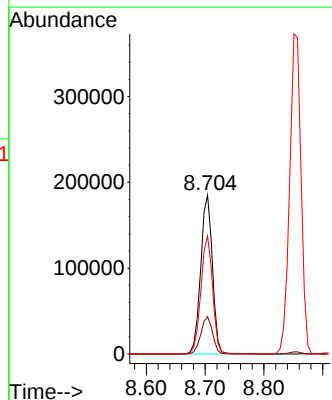
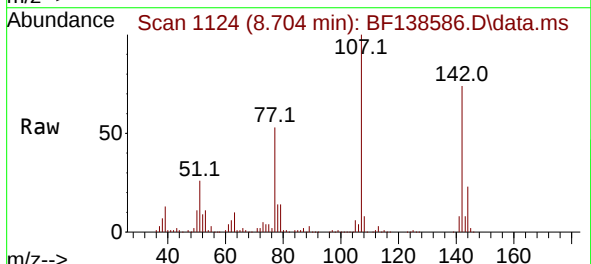
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-CTW2-BL-01MSD

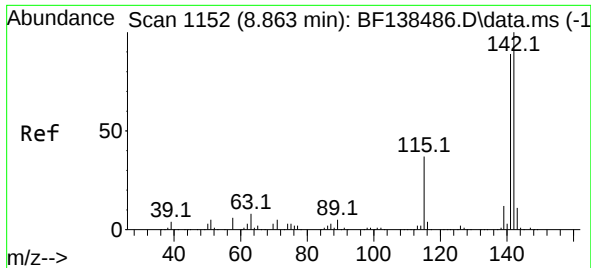
Tgt Ion:113 Resp: 41491  
 Ion Ratio Lower Upper  
 113 100  
 55 212.7 192.5 232.5  
 56 160.9 145.3 185.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 54.971 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

Tgt Ion:107 Resp: 256087  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 18.6 27.8  
 142 74.2 58.6 88.0





#37

2-Methylnaphthalene

Concen: 51.016 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

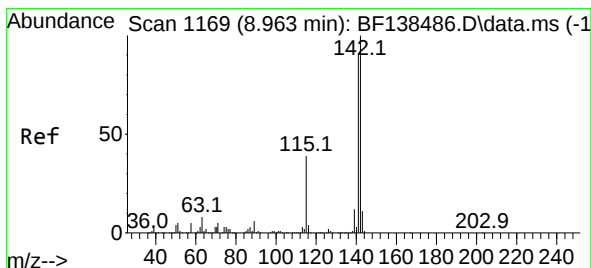
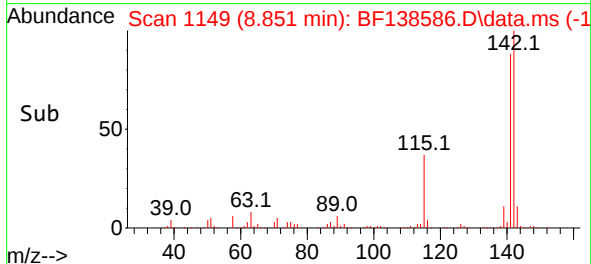
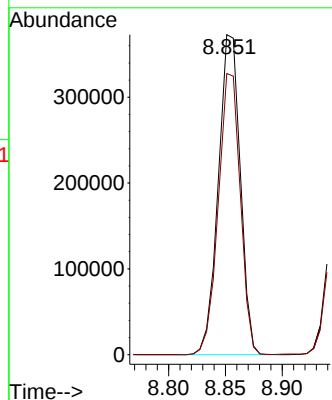
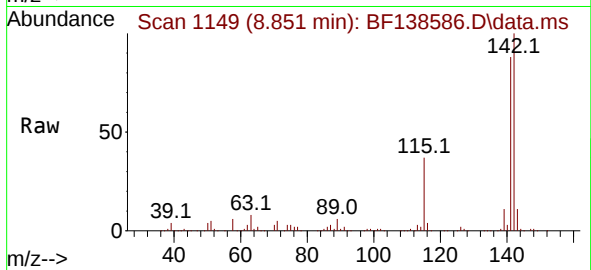
WC-CTW2-BL-01MSD

Tgt Ion:142 Resp: 501809

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.0



#38

1-Methylnaphthalene

Concen: 48.671 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF138586.D

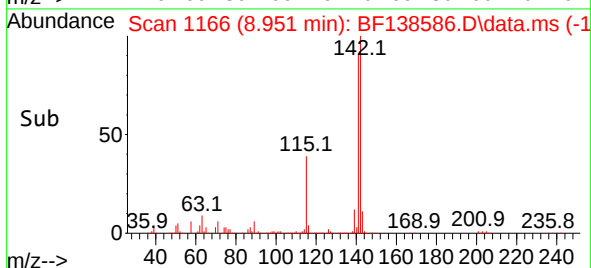
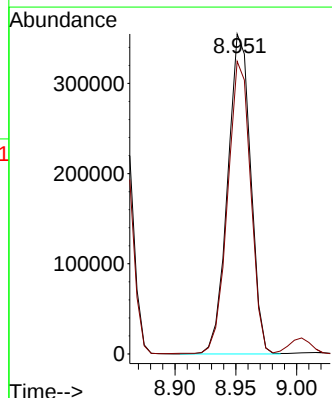
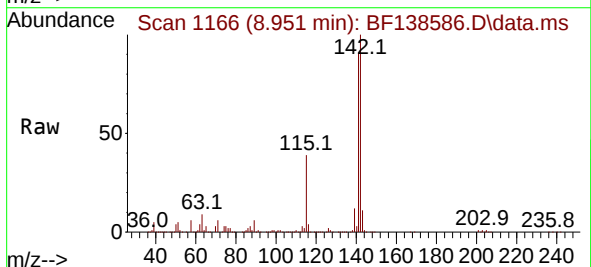
Acq: 19 Jul 2024 13:28

Tgt Ion:142 Resp: 467236

Ion Ratio Lower Upper

142 100

141 91.5 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

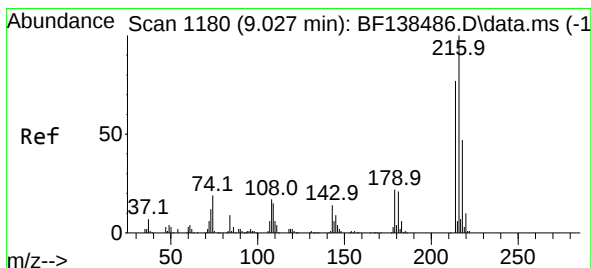
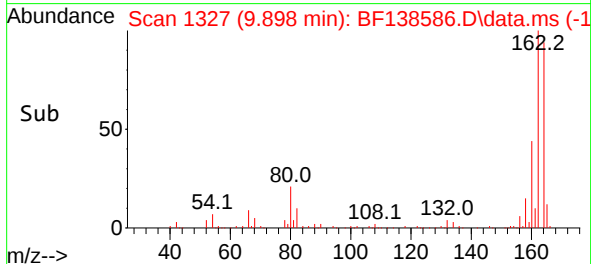
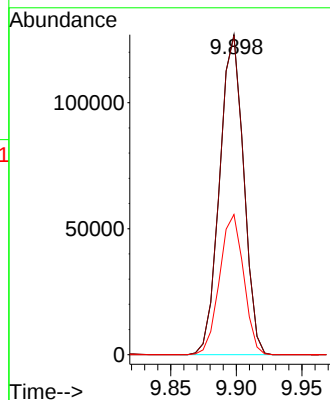
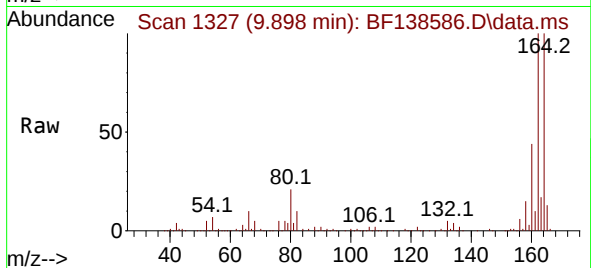
Tgt Ion:164 Resp: 161564

Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

160 43.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.914 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:216 Resp: 202244

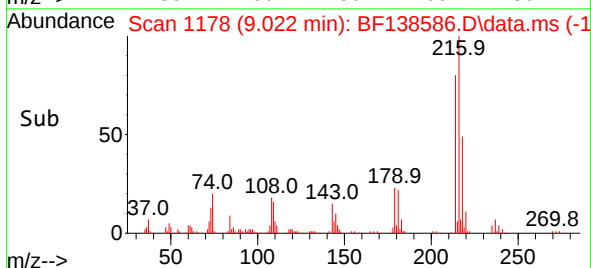
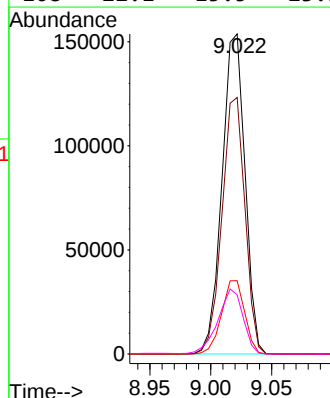
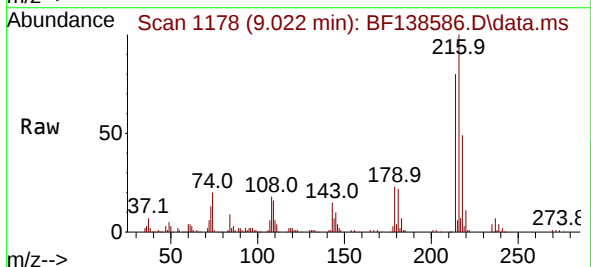
Ion Ratio Lower Upper

216 100

214 80.0 62.8 94.2

179 23.0 17.7 26.5

108 22.1 15.5 23.3

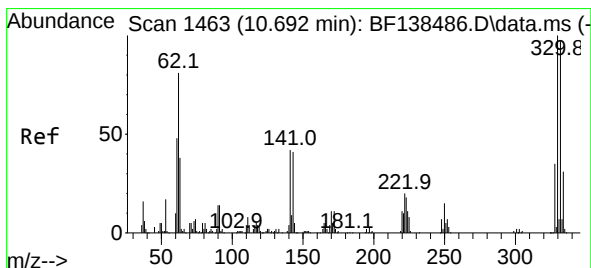
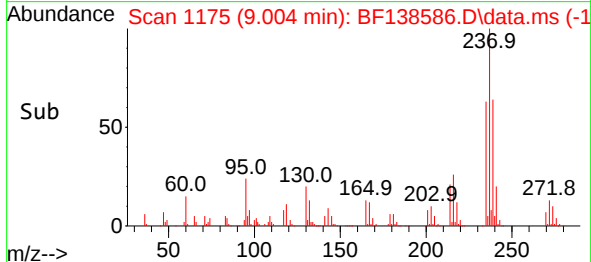
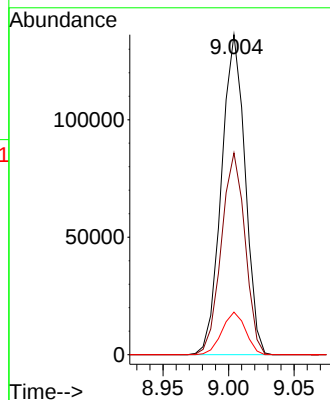
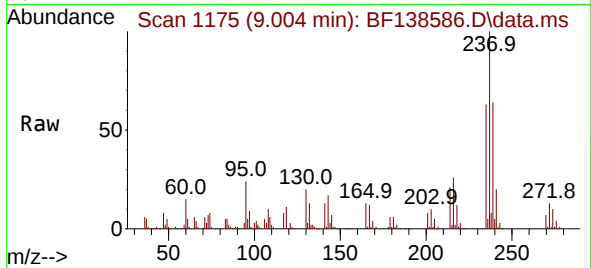




#41  
Hexachlorocyclopentadiene  
Concen: 116.729 ng  
RT: 9.004 min Scan# 1175  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

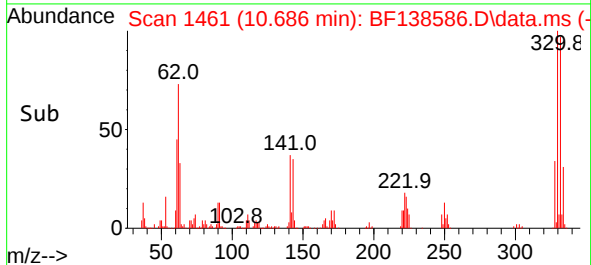
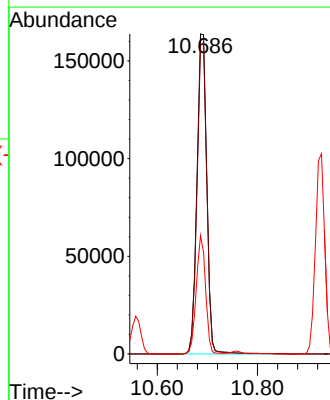
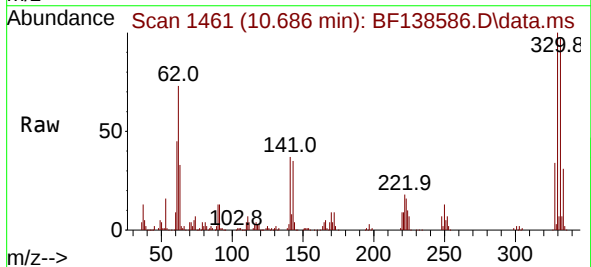
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:237 Resp: 170606  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.3 83.3  
272 13.3 0.0 32.3



#42  
2,4,6-Tribromophenol  
Concen: 147.898 ng  
RT: 10.686 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:330 Resp: 223323  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.8 115.2  
141 35.0 29.4 44.2

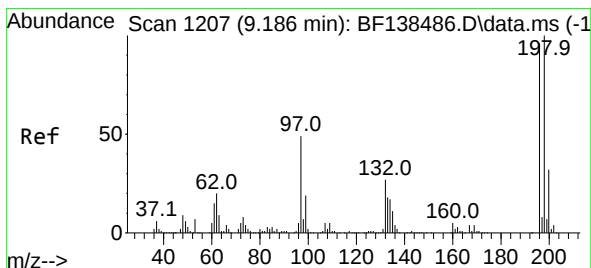
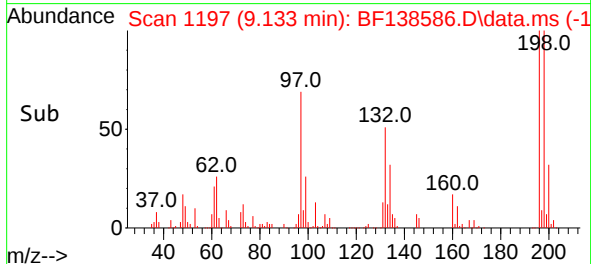
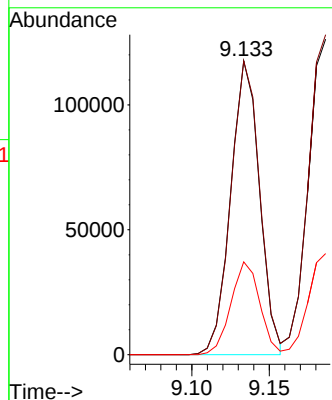
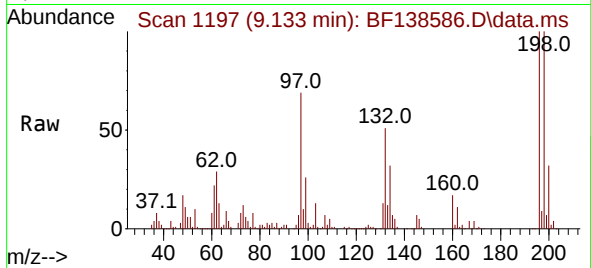




#43  
2,4,6-Trichlorophenol  
Concen: 53.081 ng  
RT: 9.133 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

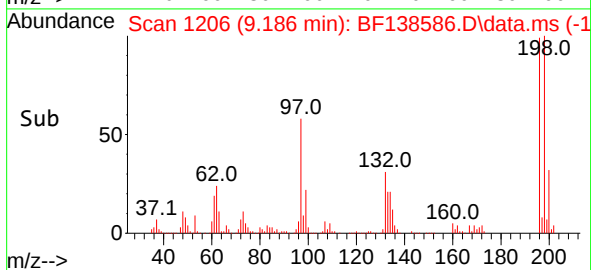
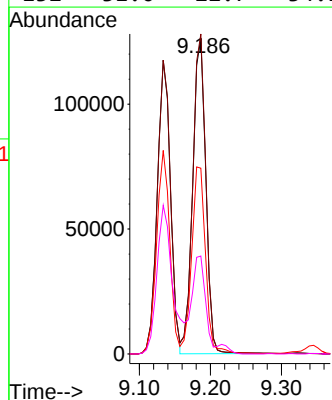
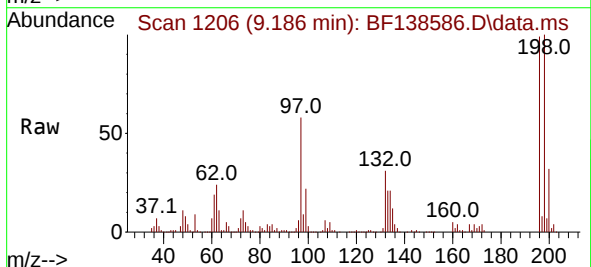
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

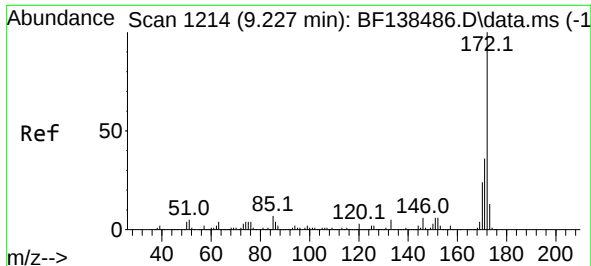
Tgt Ion:196 Resp: 152464  
Ion Ratio Lower Upper  
196 100  
198 100.0 82.3 123.5  
200 31.6 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 51.415 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:196 Resp: 162428  
Ion Ratio Lower Upper  
196 100  
198 101.4 82.8 124.2  
97 58.9 41.0 61.4  
132 31.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 90.459 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

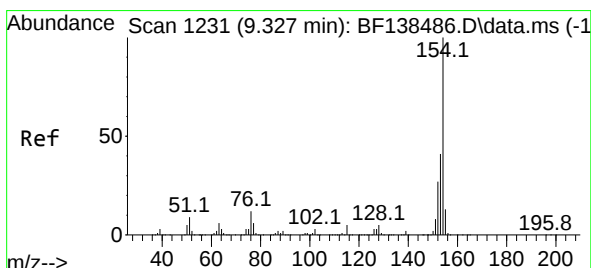
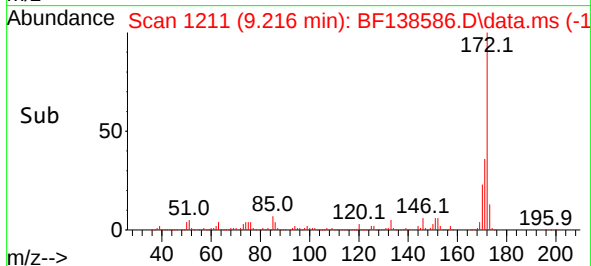
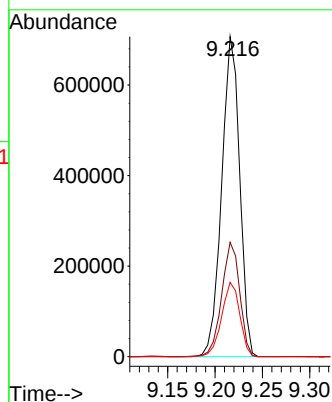
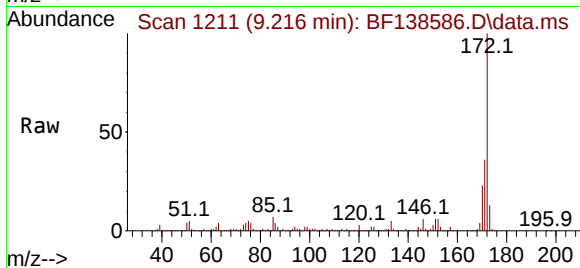
Tgt Ion:172 Resp: 935113

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.439 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

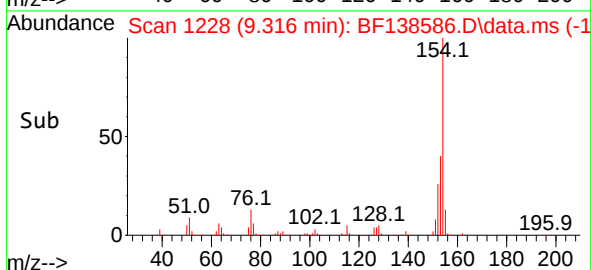
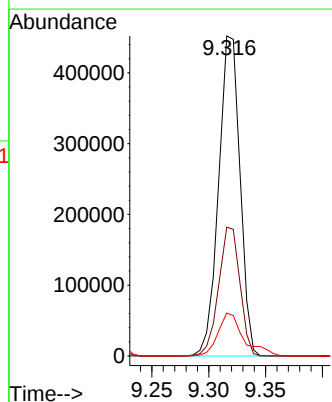
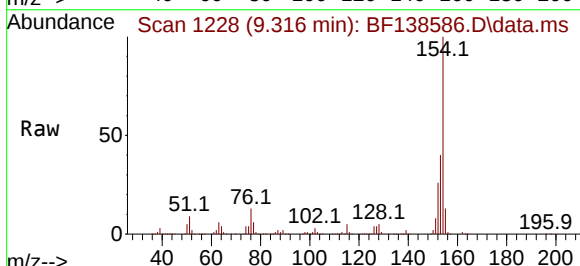
Tgt Ion:154 Resp: 593091

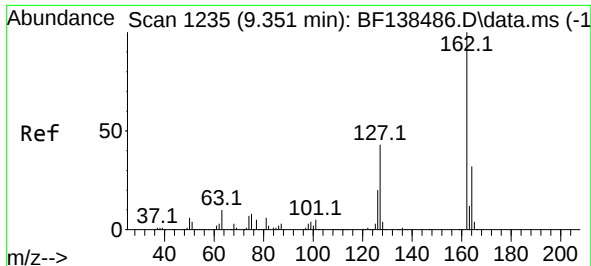
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 13.4 0.0 32.2

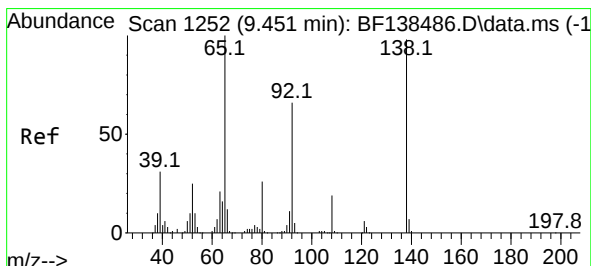
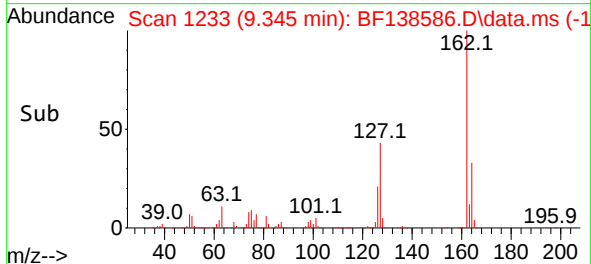
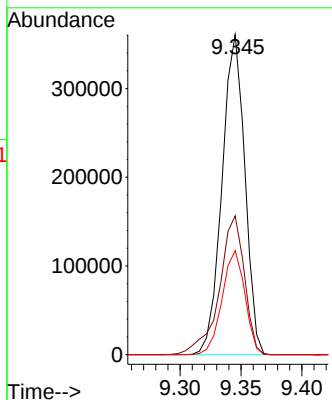
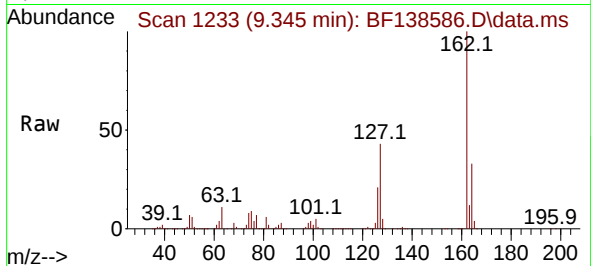




#47  
2-Chloronaphthalene  
Concen: 50.846 ng  
RT: 9.345 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

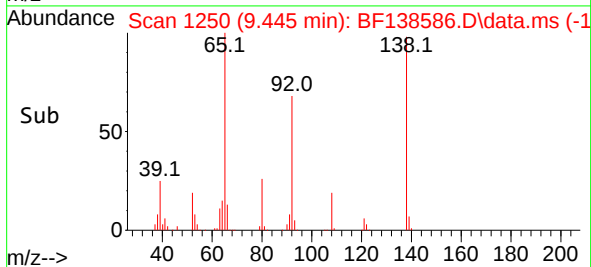
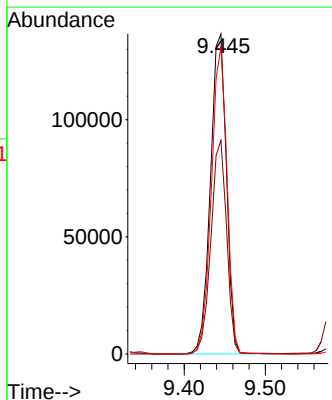
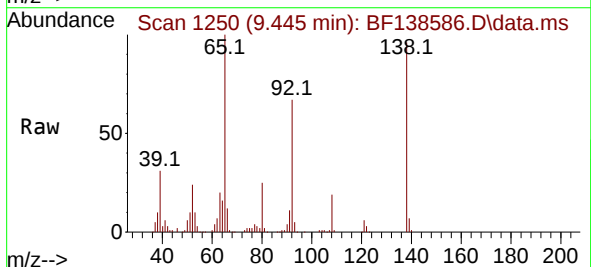
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:162 Resp: 470316  
Ion Ratio Lower Upper  
162 100  
127 43.4 34.8 52.2  
164 32.5 25.6 38.4



#48  
2-Nitroaniline  
Concen: 58.425 ng  
RT: 9.445 min Scan# 1250  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion: 65 Resp: 187274  
Ion Ratio Lower Upper  
65 100  
92 66.7 52.6 78.8  
138 96.0 78.6 118.0





#49

Acenaphthylene

Concen: 57.601 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138586.D

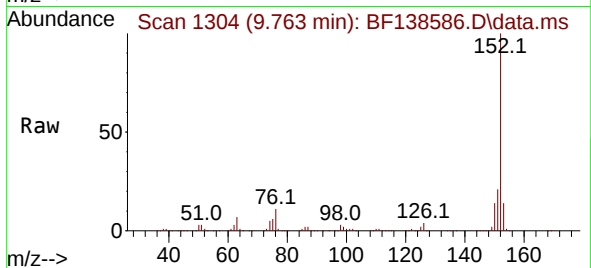
Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

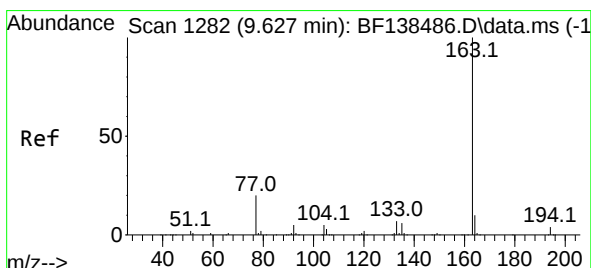
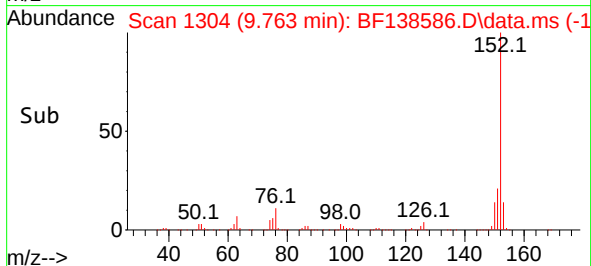
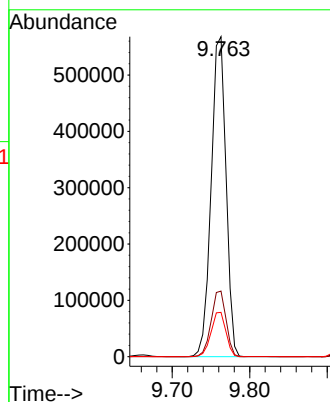
ClientSampleId :

WC-CTW2-BL-01MSD



Tgt Ion:152 Resp: 756445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.5  | 16.3  | 24.5  |
| 153 | 13.9  | 11.3  | 16.9  |



#50

Dimethylphthalate

Concen: 56.043 ng

RT: 9.622 min Scan# 1280

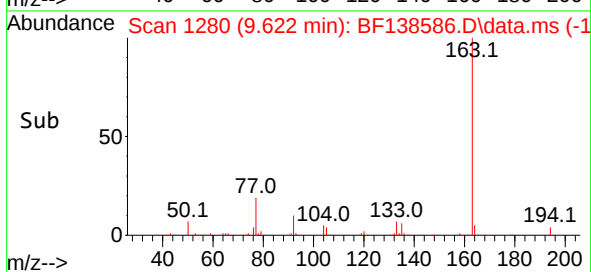
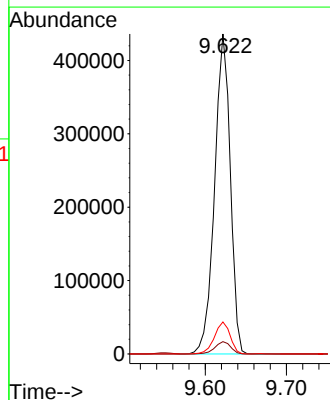
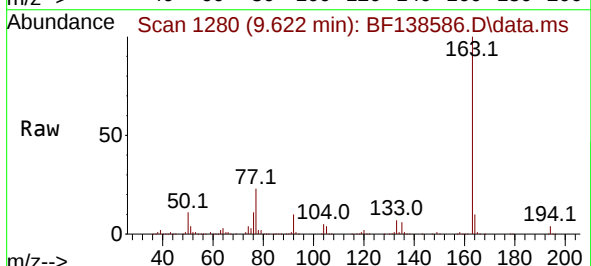
Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:163 Resp: 585483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.9   | 3.0   | 4.6   |
| 164 | 10.0  | 8.1   | 12.1  |

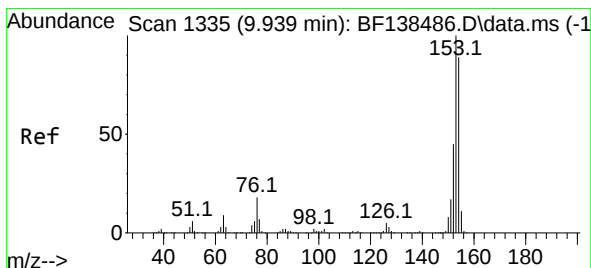
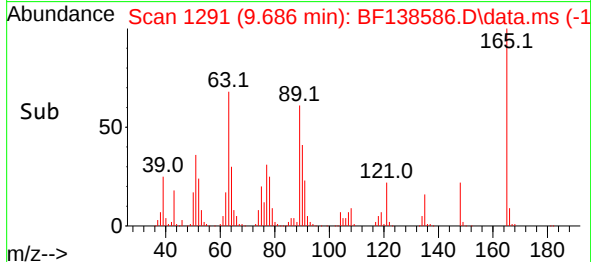
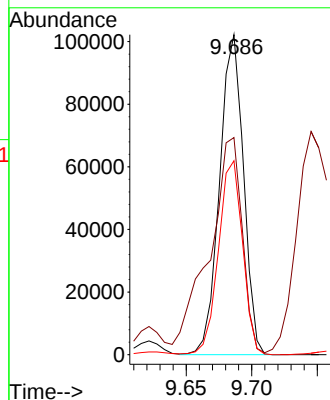
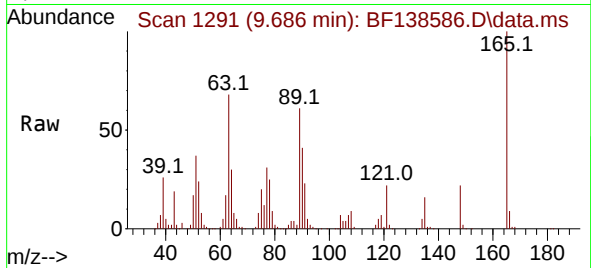




#51  
2,6-Dinitrotoluene  
Concen: 53.752 ng  
RT: 9.686 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

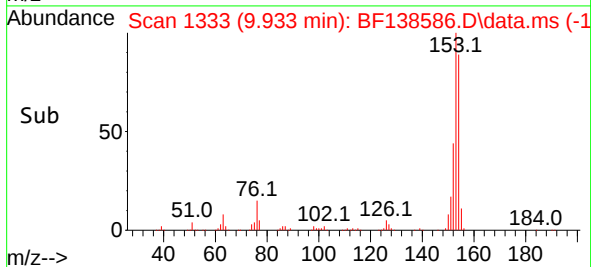
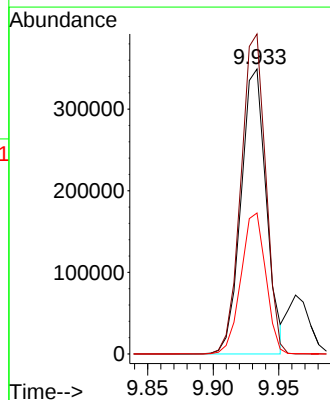
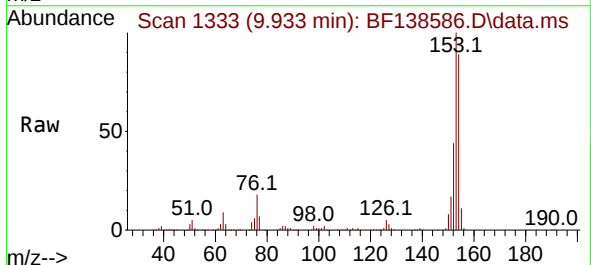
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

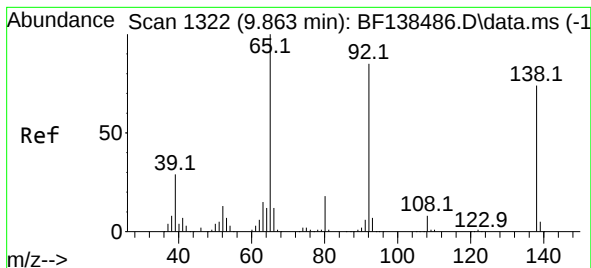
Tgt Ion:165 Resp: 129295  
Ion Ratio Lower Upper  
165 100  
63 67.9 48.1 72.1  
89 60.6 43.0 64.6



#52  
Acenaphthene  
Concen: 53.678 ng  
RT: 9.933 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:154 Resp: 468587  
Ion Ratio Lower Upper  
154 100  
153 112.3 90.4 135.6  
152 49.4 41.1 61.7





#53

3-Nitroaniline

Concen: 17.383 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

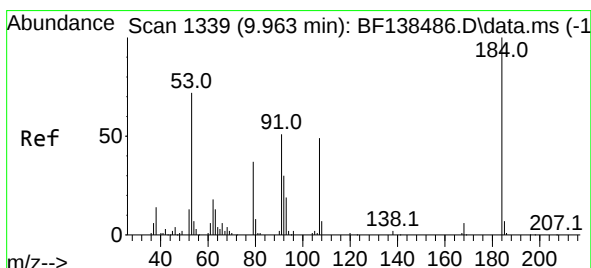
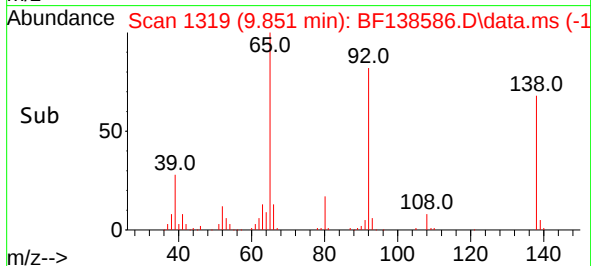
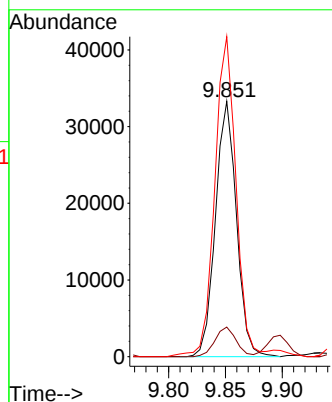
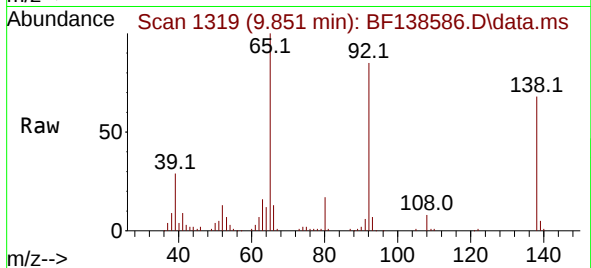
Tgt Ion:138 Resp: 42855

Ion Ratio Lower Upper

138 100

108 11.6 8.3 12.5

92 125.3 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 110.886 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

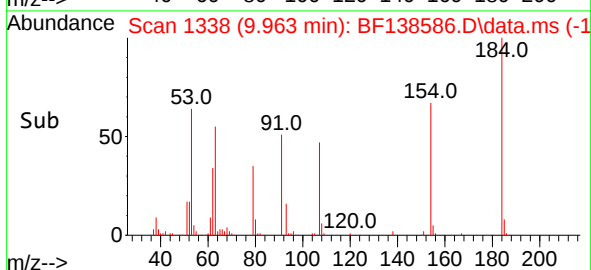
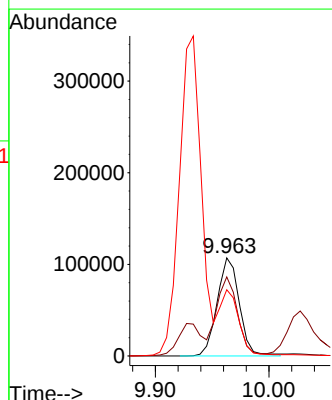
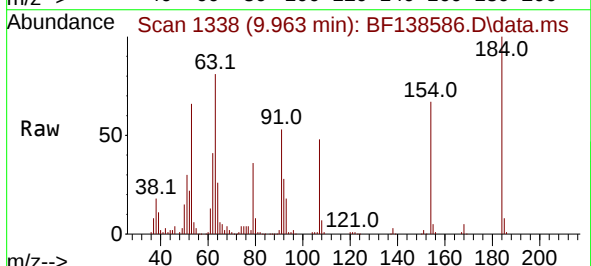
Tgt Ion:184 Resp: 145620

Ion Ratio Lower Upper

184 100

63 80.5 70.6 106.0

154 67.4 53.8 80.6

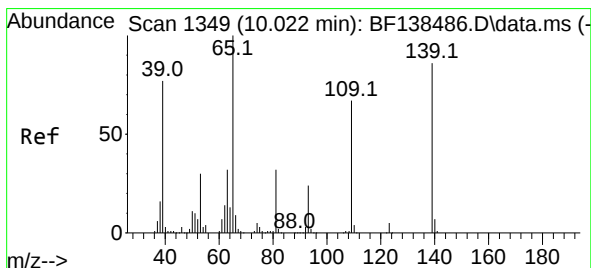
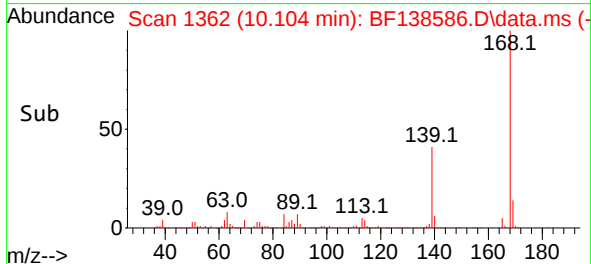
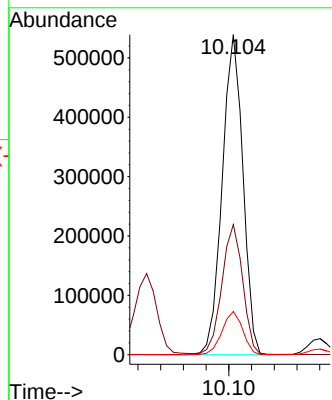
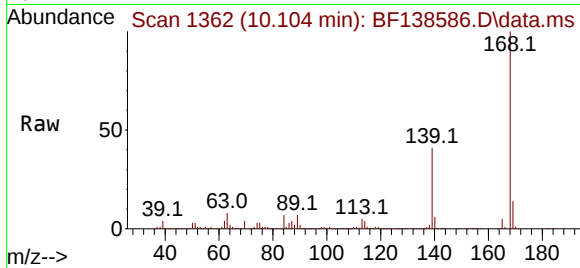




#55  
Dibenzenofuran  
Concen: 53.811 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

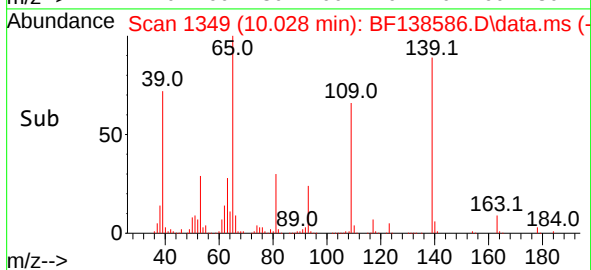
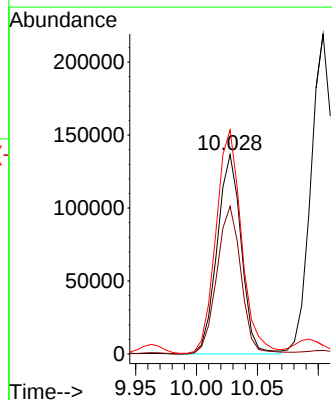
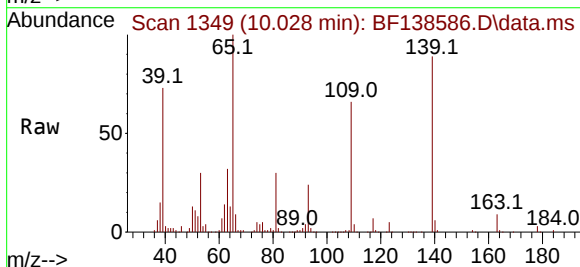
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

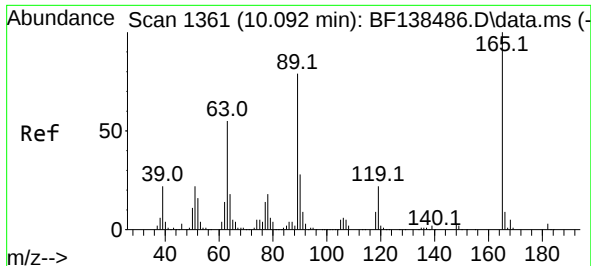
Tgt Ion:168 Resp: 681350  
Ion Ratio Lower Upper  
168 100  
139 40.7 32.4 48.6  
169 13.5 10.9 16.3



#56  
4-Nitrophenol  
Concen: 103.456 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:139 Resp: 188197  
Ion Ratio Lower Upper  
139 100  
109 74.1 58.1 98.1  
65 112.5 96.9 136.9

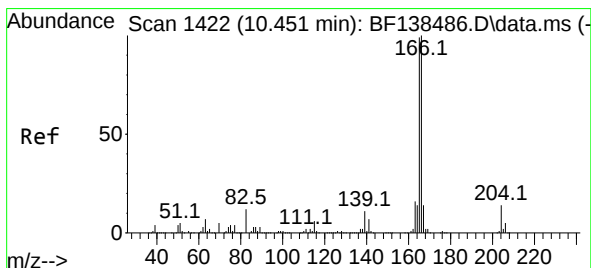
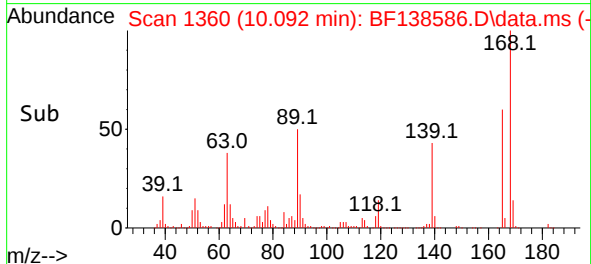
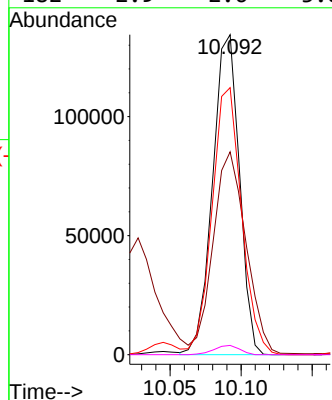
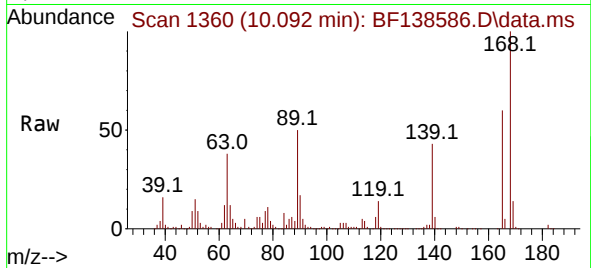




#57  
2,4-Dinitrotoluene  
Concen: 56.517 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

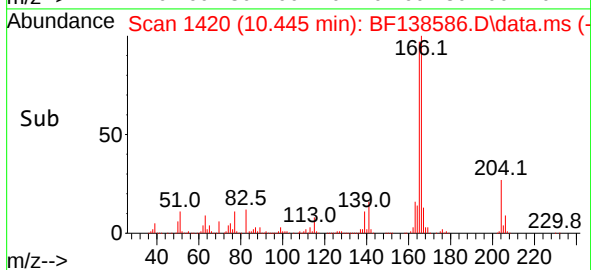
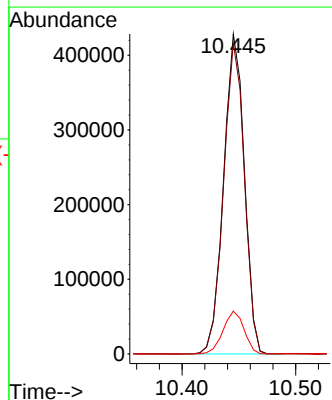
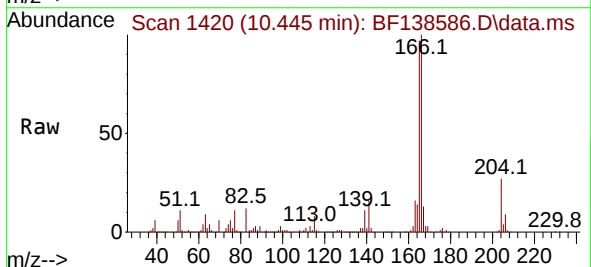
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:165 Resp: 175897  
Ion Ratio Lower Upper  
165 100  
63 63.4 44.6 66.8  
89 83.4 63.4 95.2  
182 2.9 2.6 3.8



#58  
Fluorene  
Concen: 54.430 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:166 Resp: 545324  
Ion Ratio Lower Upper  
166 100  
165 97.2 79.1 118.7  
167 13.4 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.812 ng

RT: 10.222 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:232 Resp: 139154

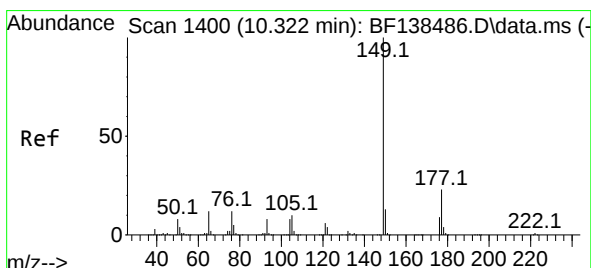
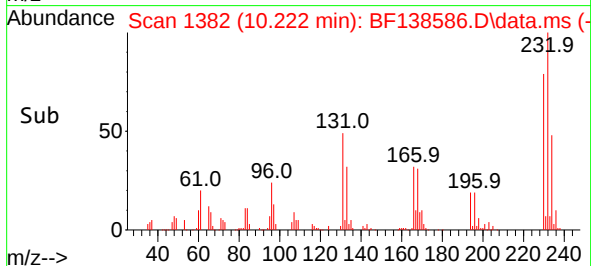
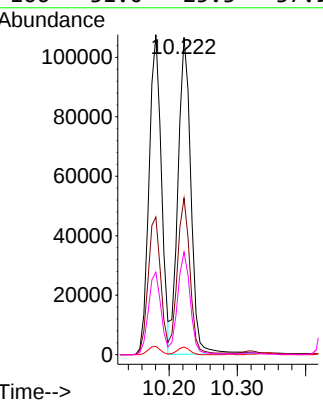
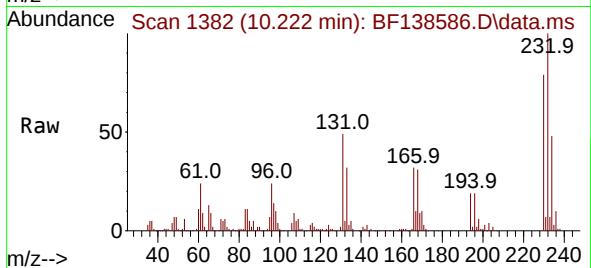
Ion Ratio Lower Upper

232 100

131 48.6 37.5 56.3

130 2.3 2.0 3.0

166 31.0 25.3 37.9



#60

Diethylphthalate

Concen: 56.022 ng

RT: 10.322 min Scan# 1399

Delta R.T. 0.000 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

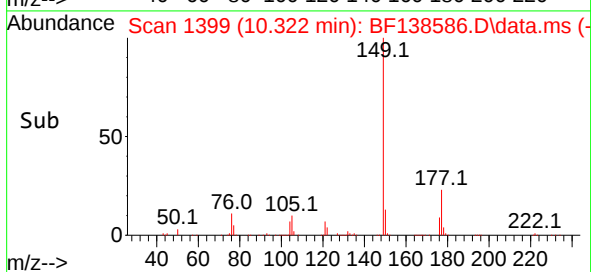
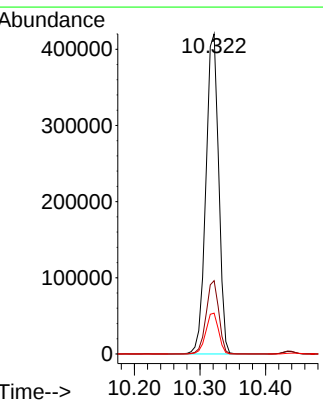
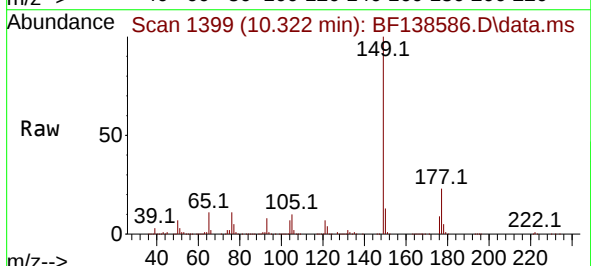
Tgt Ion:149 Resp: 564213

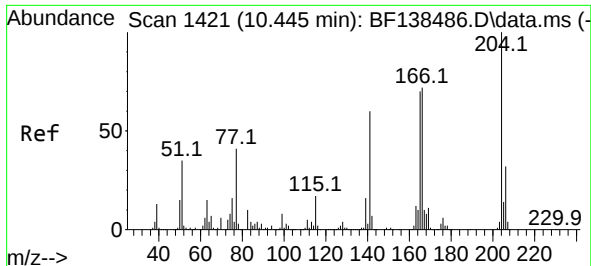
Ion Ratio Lower Upper

149 100

177 22.9 18.5 27.7

150 12.7 10.3 15.5

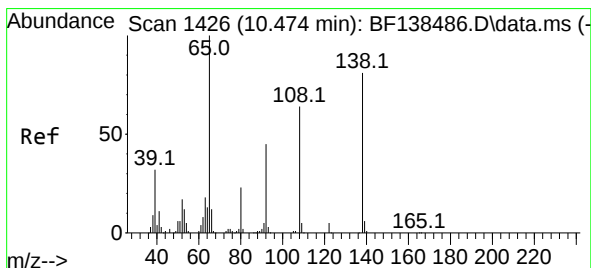
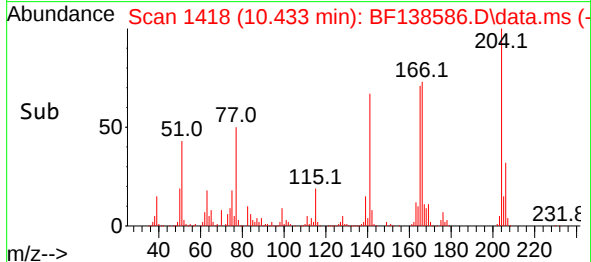
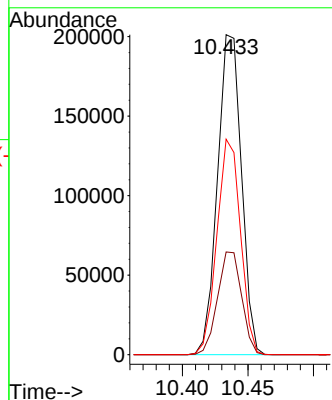
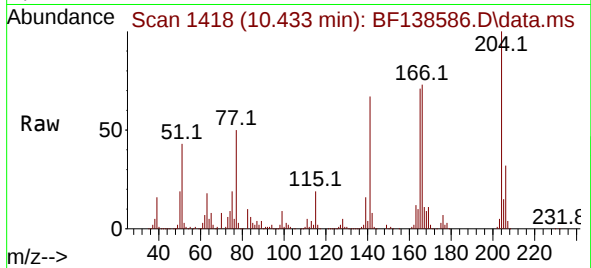




#61  
4-Chlorophenyl-phenylether  
Concen: 50.876 ng  
RT: 10.433 min Scan# 1418  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

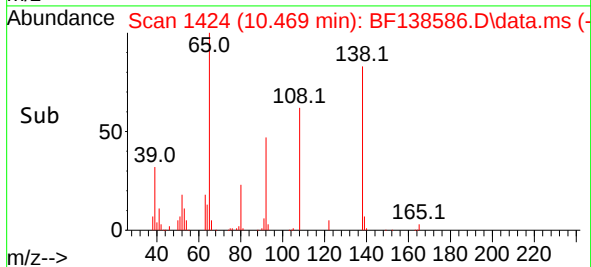
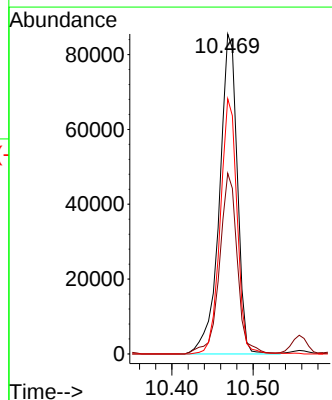
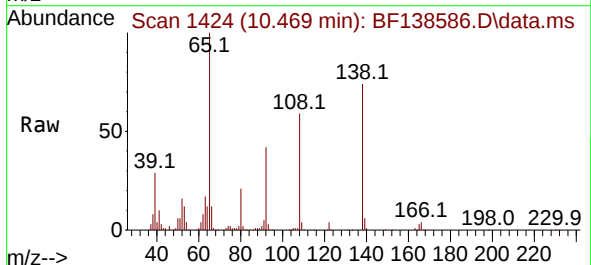
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

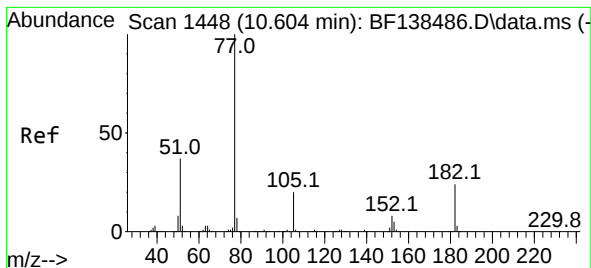
Tgt Ion:204 Resp: 255951  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.6 38.4  
141 67.3 47.7 71.5



#62  
4-Nitroaniline  
Concen: 53.003 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:138 Resp: 130944  
Ion Ratio Lower Upper  
138 100  
92 56.4 35.8 75.8  
108 79.8 59.8 99.8





#63

Azobenzene

Concen: 56.891 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion: 77 Resp: 616021

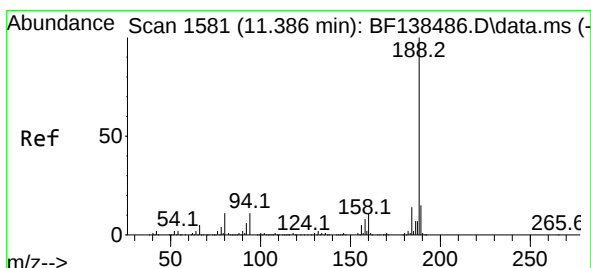
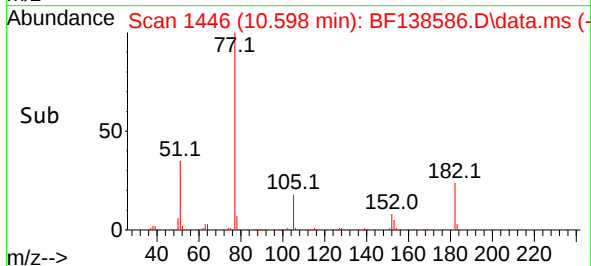
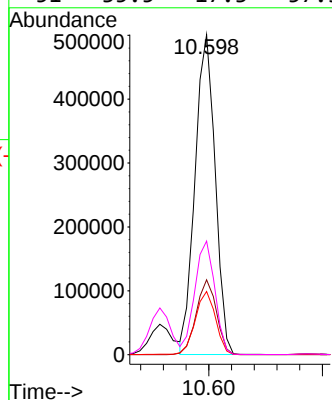
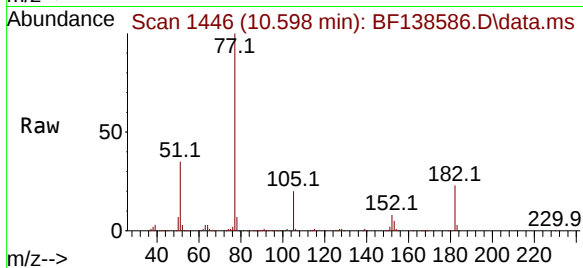
Ion Ratio Lower Upper

77 100

182 23.4 3.8 43.8

105 19.7 0.0 39.8

51 35.5 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

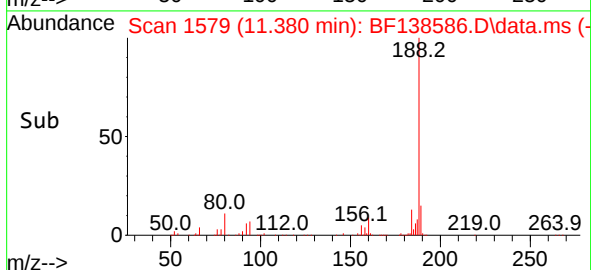
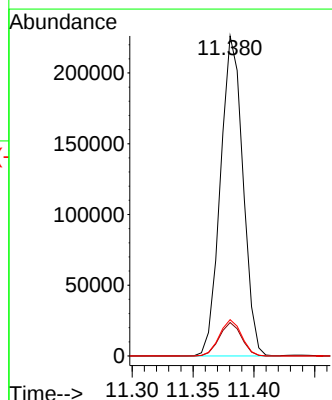
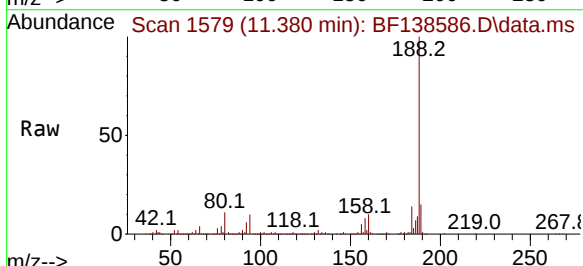
Tgt Ion:188 Resp: 291130

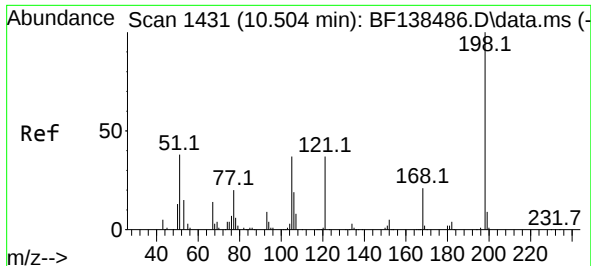
Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.3 9.0 13.4

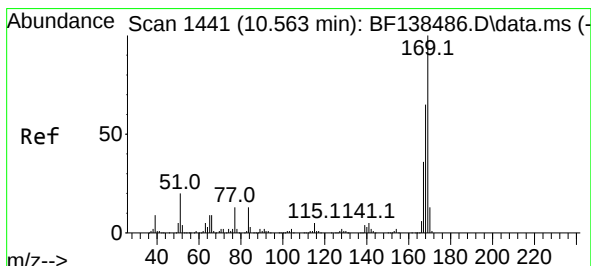
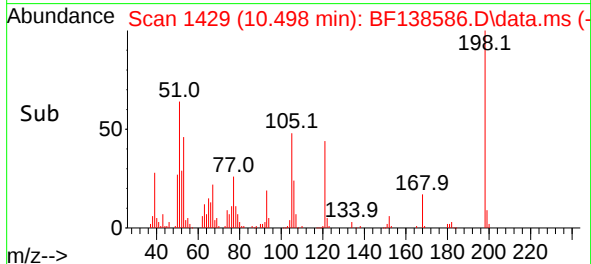
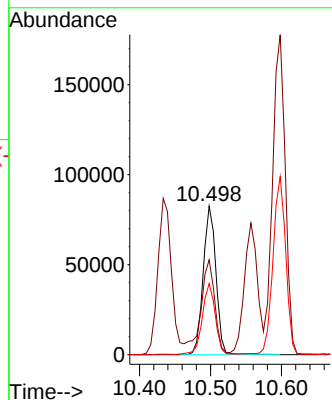
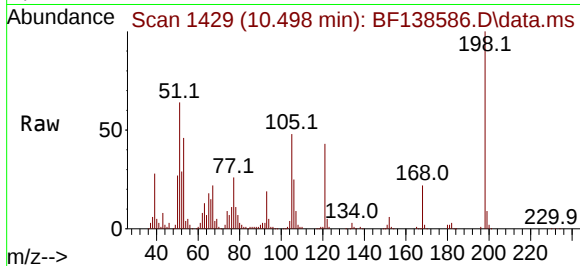




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.479 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

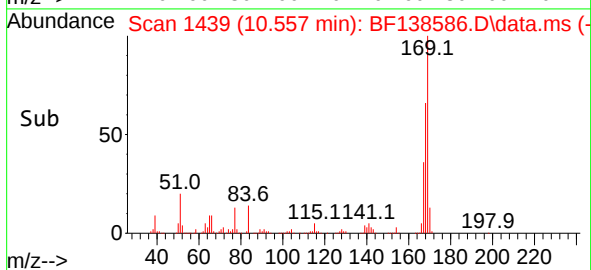
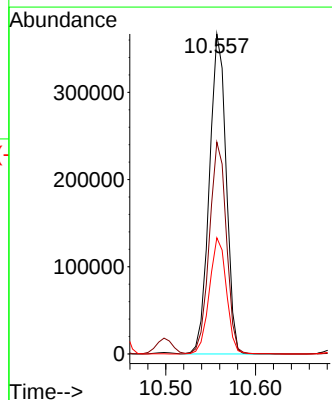
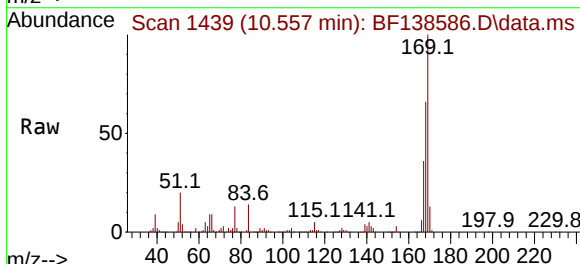
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:198 Resp: 103347  
Ion Ratio Lower Upper  
198 100  
51 63.9 27.2 67.2  
105 47.8 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 54.670 ng  
RT: 10.557 min Scan# 1439  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:169 Resp: 476855  
Ion Ratio Lower Upper  
169 100  
168 66.2 51.7 77.5  
167 36.3 28.5 42.7

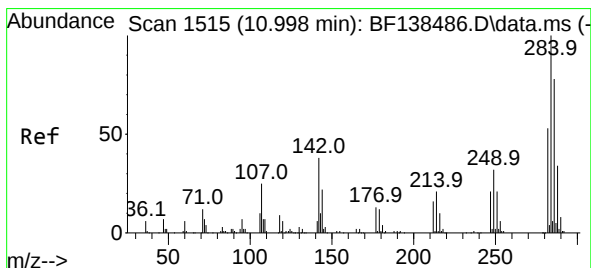
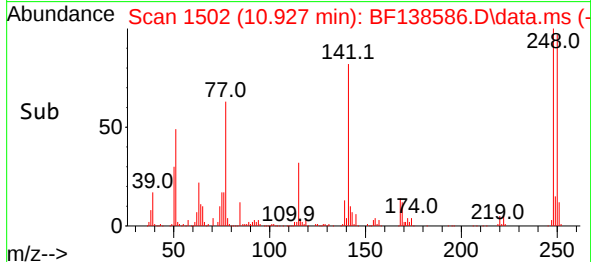
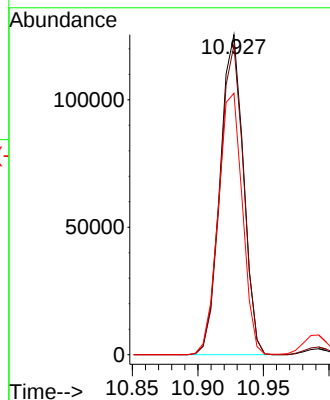
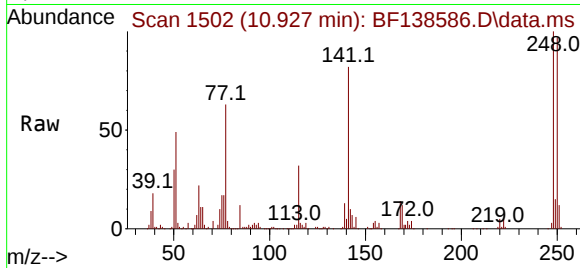




#67  
4-Bromophenyl-phenylether  
Concen: 52.105 ng  
RT: 10.927 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

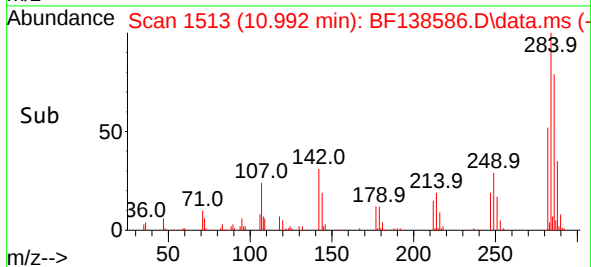
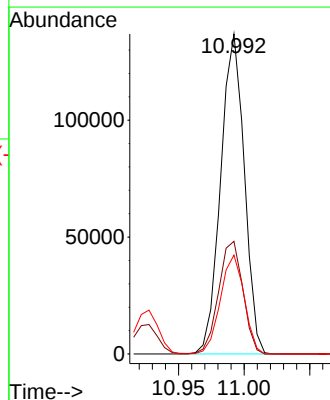
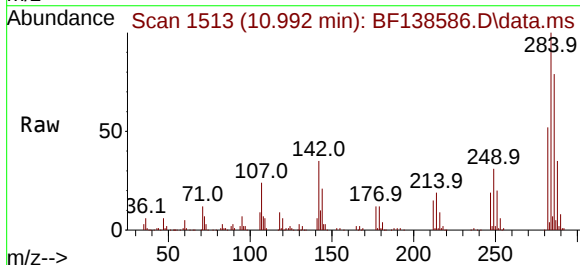
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:248 Resp: 155913  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.9 116.9  
141 81.7 67.7 101.5



#68  
Hexachlorobenzene  
Concen: 51.504 ng  
RT: 10.992 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:284 Resp: 171208  
Ion Ratio Lower Upper  
284 100  
142 35.2 30.5 45.7  
249 30.9 25.9 38.9





#69

Atrazine

Concen: 40.814 ng

RT: 11.080 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

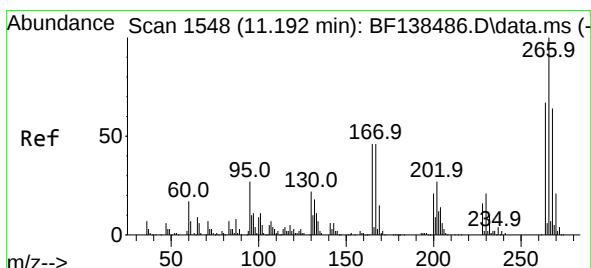
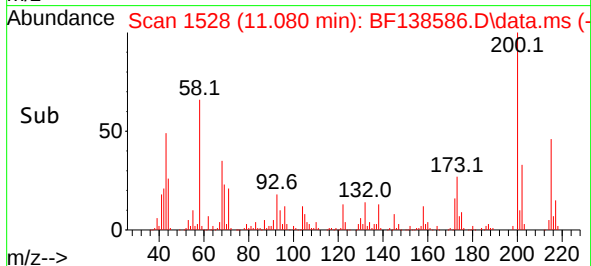
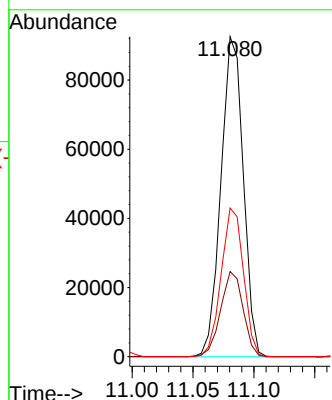
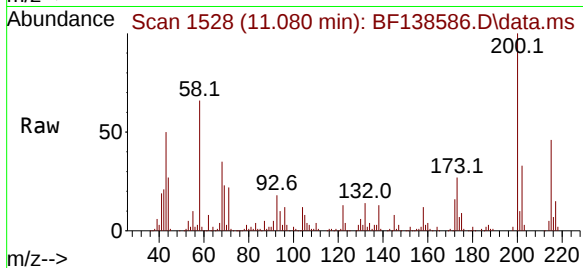
Tgt Ion:200 Resp: 118029

Ion Ratio Lower Upper

200 100

173 26.6 4.1 44.1

215 46.5 26.5 66.5



#70

Pentachlorophenol

Concen: 101.185 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

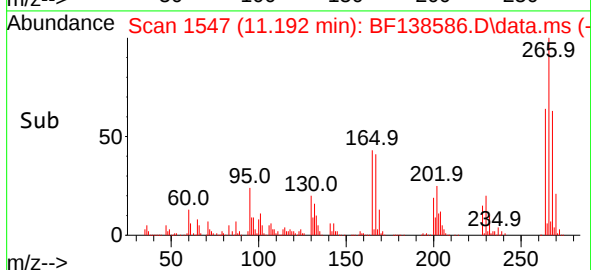
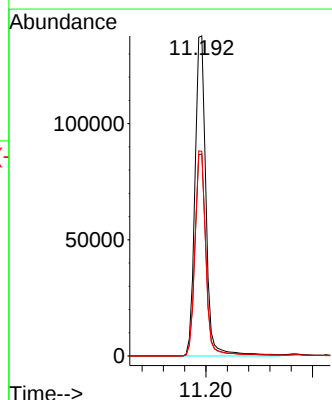
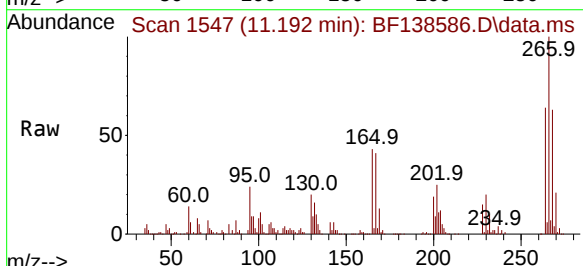
Tgt Ion:266 Resp: 199032

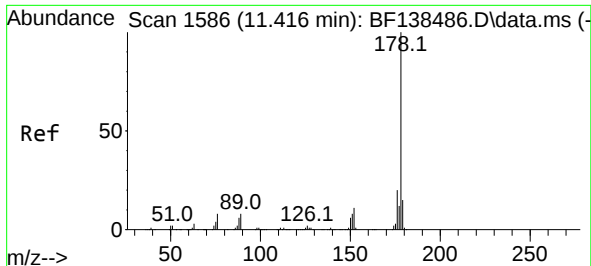
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 64.0 53.5 80.3

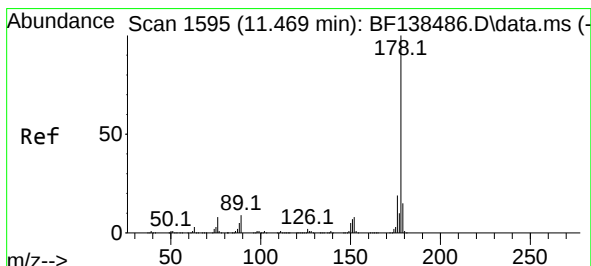
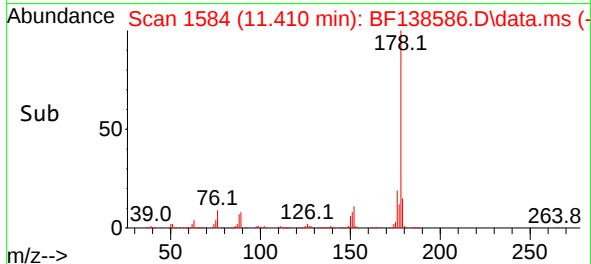
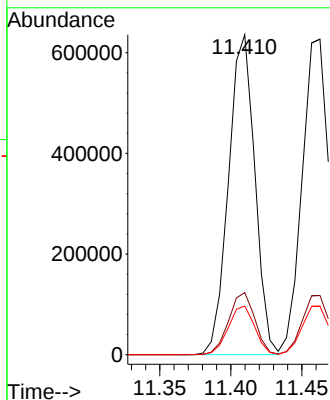
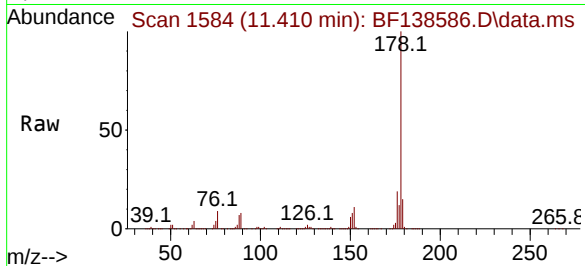




#71  
Phenanthrene  
Concen: 55.805 ng  
RT: 11.410 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

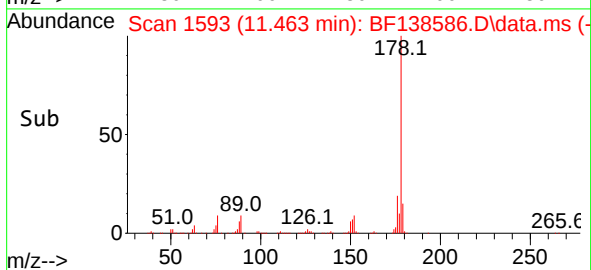
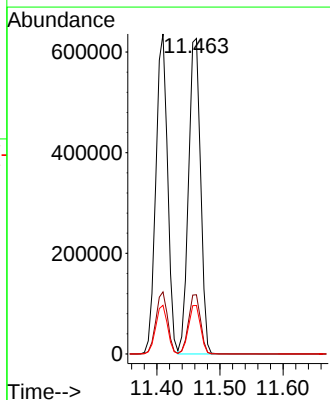
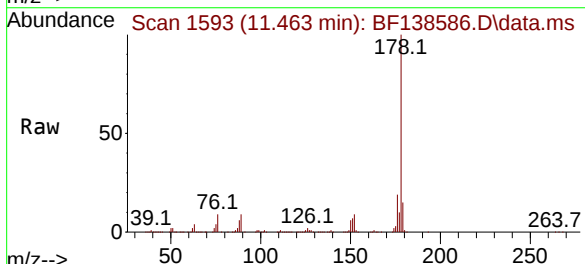
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

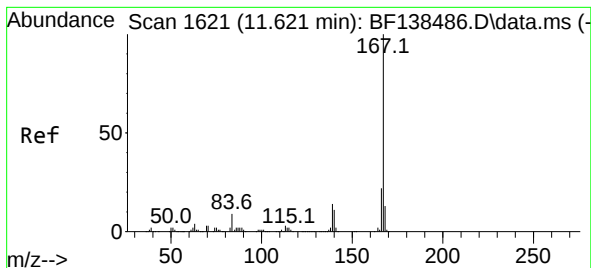
Tgt Ion:178 Resp: 820787  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.2 12.2 18.2



#72  
Anthracene  
Concen: 56.740 ng  
RT: 11.463 min Scan# 1593  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:178 Resp: 828410  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 55.278 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

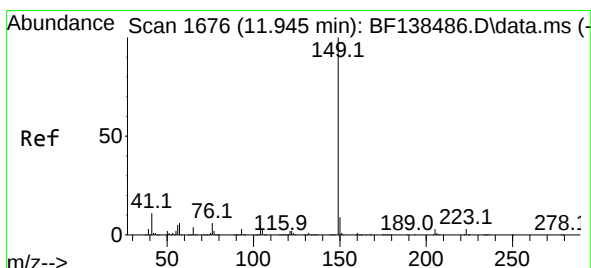
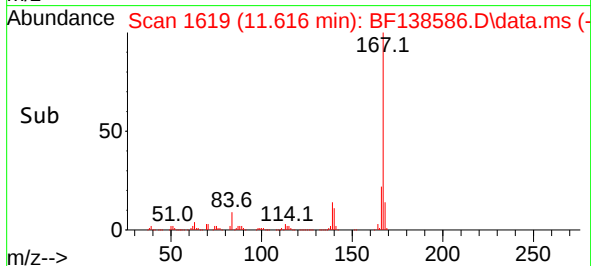
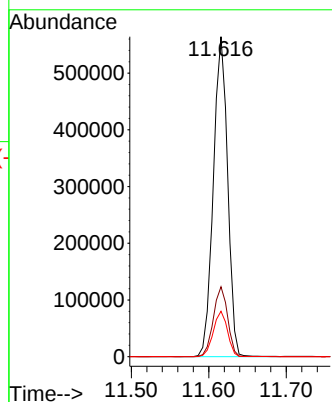
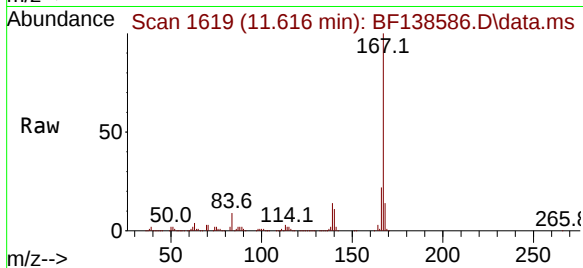
Tgt Ion:167 Resp: 725290

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

139 14.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 58.019 ng

RT: 11.939 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

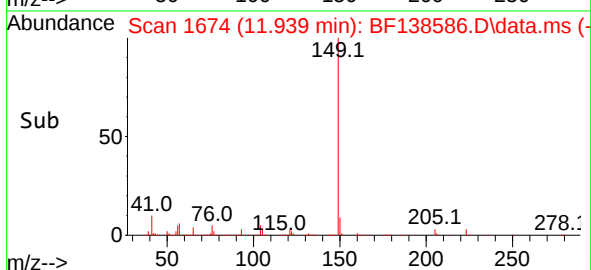
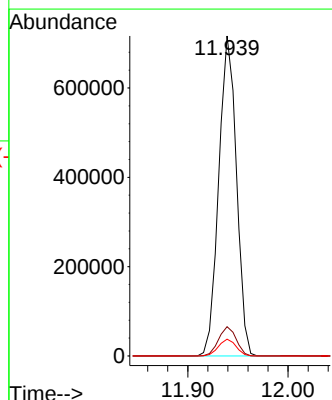
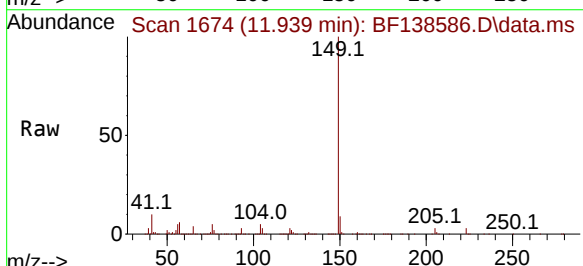
Tgt Ion:149 Resp: 877473

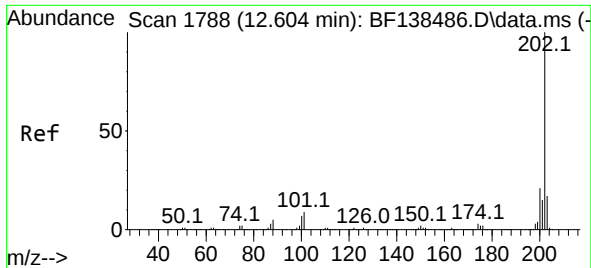
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.2 4.4 6.6

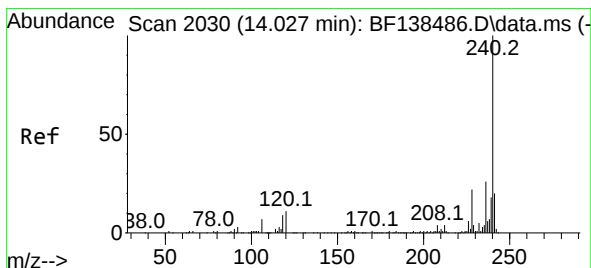
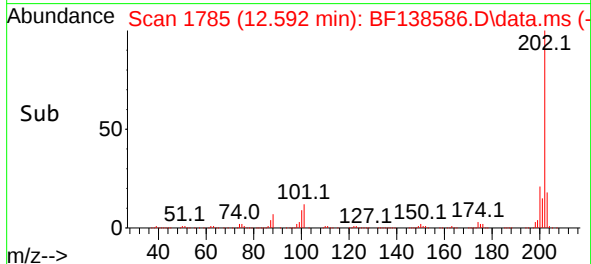
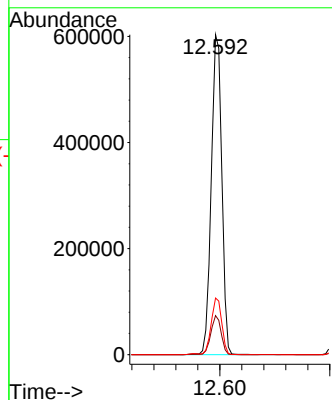
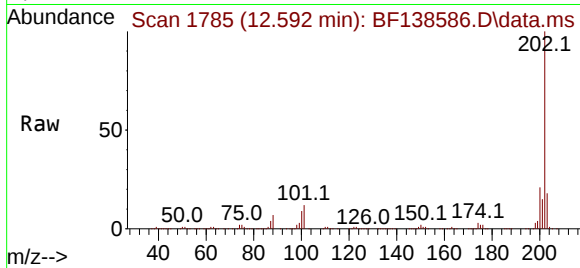




#75  
Fluoranthene  
Concen: 53.418 ng  
RT: 12.592 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

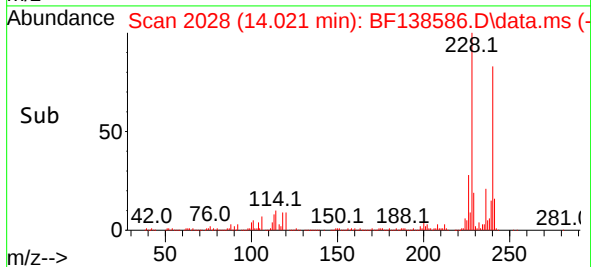
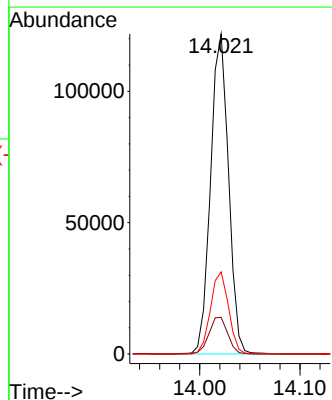
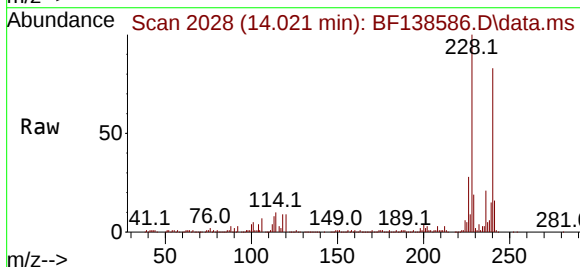
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

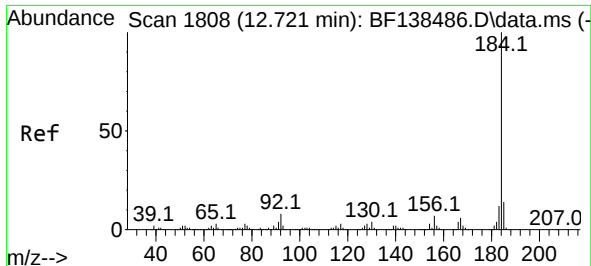
Tgt Ion:202 Resp: 801708  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 29.2  
203 17.7 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:240 Resp: 151731  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.6 12.8  
236 25.7 21.0 31.6

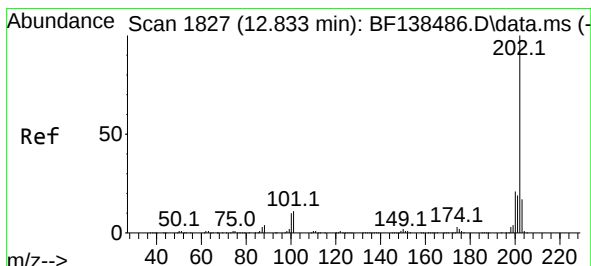
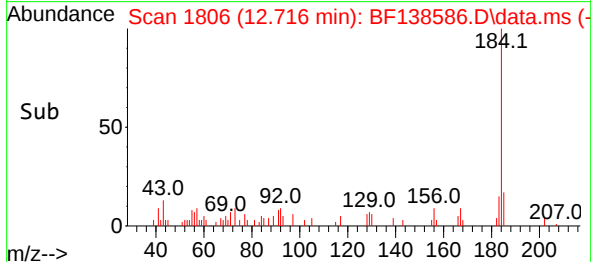
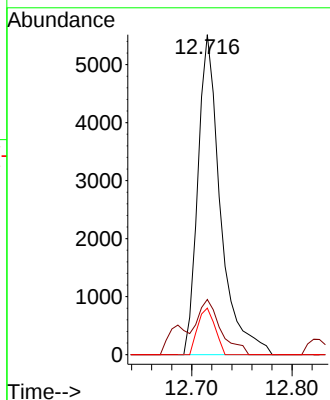
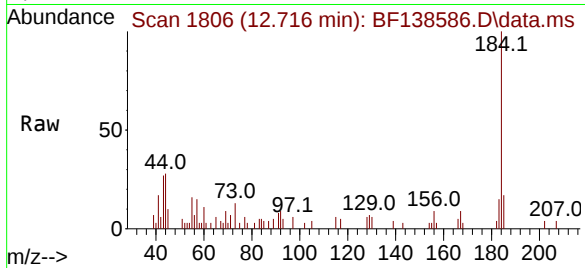




#77  
Benzidine  
Concen: 2.257 ng  
RT: 12.716 min Scan# 1806  
Delta R.T. -0.005 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

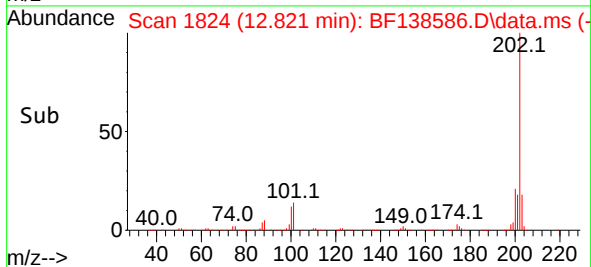
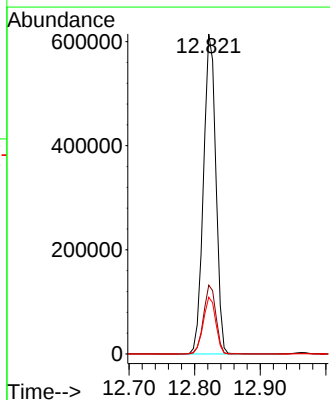
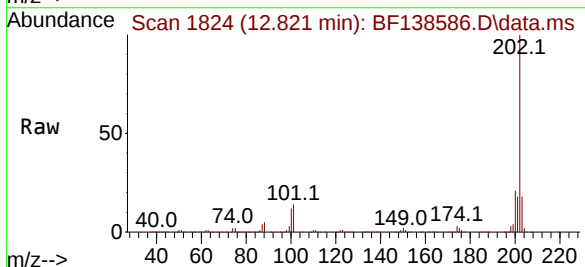
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

Tgt Ion:184 Resp: 8641  
Ion Ratio Lower Upper  
184 100  
185 17.3 11.3 16.9#  
183 14.5 9.5 14.3#



#78  
Pyrene  
Concen: 52.491 ng  
RT: 12.821 min Scan# 1824  
Delta R.T. -0.012 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:202 Resp: 808509  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.6  
203 17.8 13.7 20.5

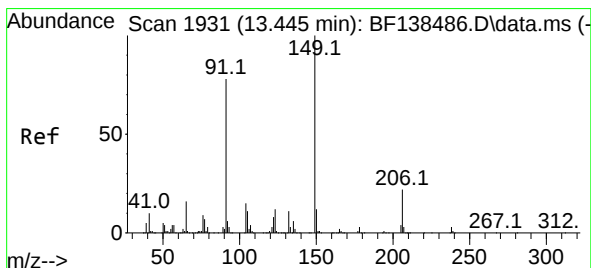
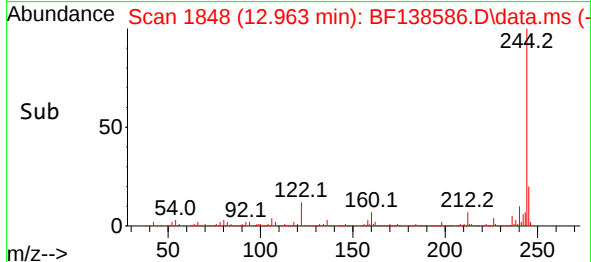
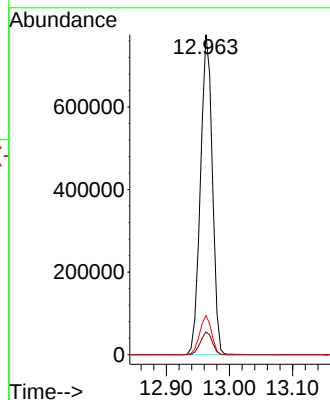
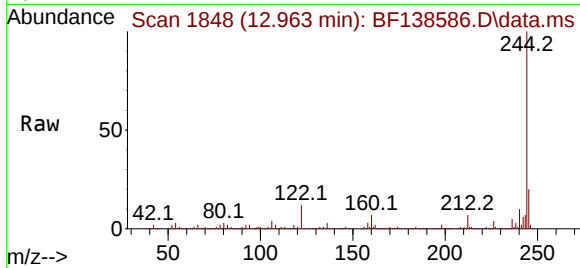




#79  
 Terphenyl-d14  
 Concen: 108.962 ng  
 RT: 12.963 min Scan# 1848  
 Delta R.T. -0.012 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

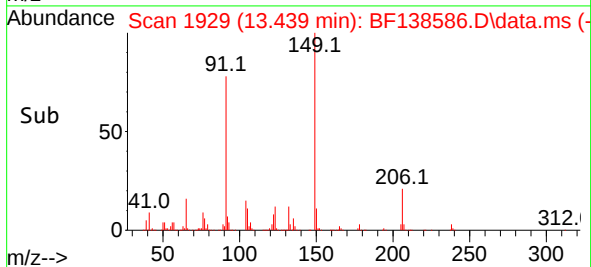
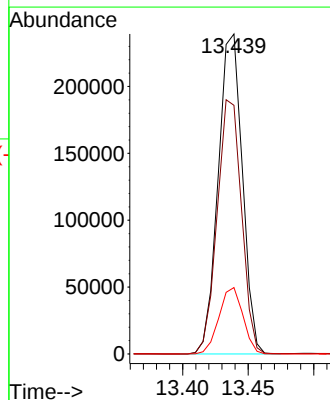
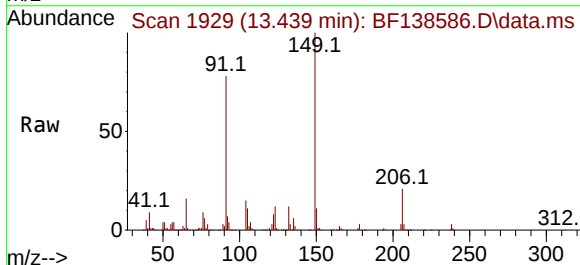
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-CTW2-BL-01MSD

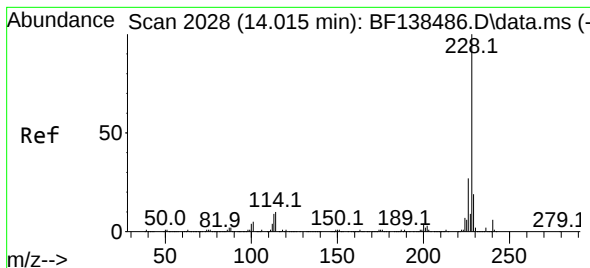
Tgt Ion:244 Resp: 1014841  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.5 8.3  
 122 12.2 7.8 11.8#



#80  
 Butylbenzylphthalate  
 Concen: 66.257 ng  
 RT: 13.439 min Scan# 1929  
 Delta R.T. -0.006 min  
 Lab File: BF138586.D  
 Acq: 19 Jul 2024 13:28

Tgt Ion:149 Resp: 306999  
 Ion Ratio Lower Upper  
 149 100  
 91 77.7 62.1 93.1  
 206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 57.748 ng

RT: 14.010 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

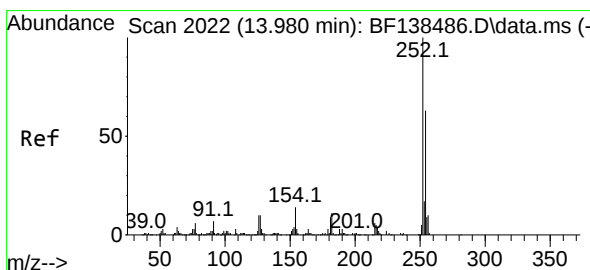
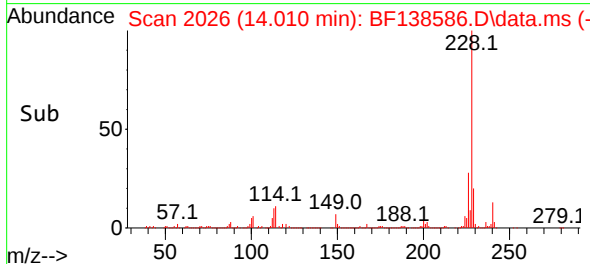
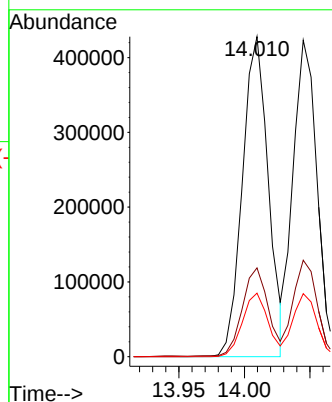
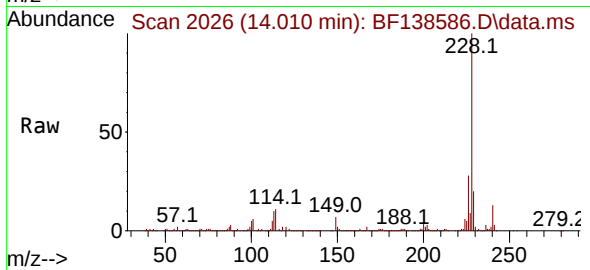
Tgt Ion:228 Resp: 587942

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 34.610 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

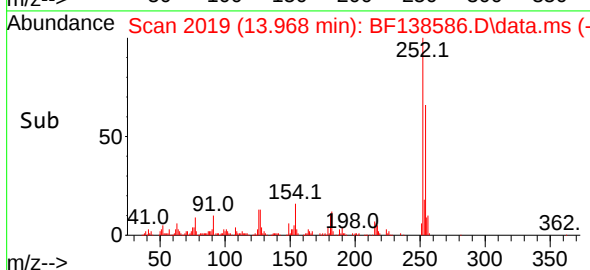
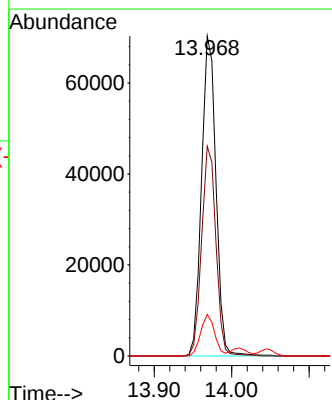
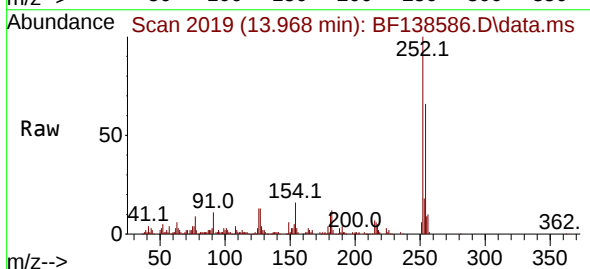
Tgt Ion:252 Resp: 90798

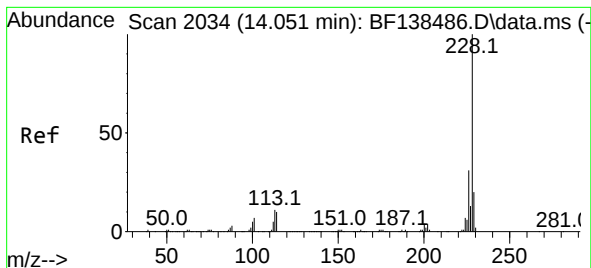
Ion Ratio Lower Upper

252 100

254 65.5 50.3 75.5

126 13.0 8.1 12.1#





#83

Chrysene

Concen: 55.553 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

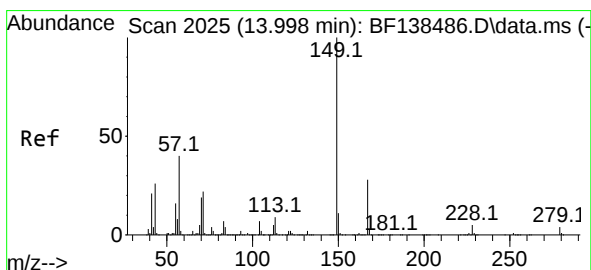
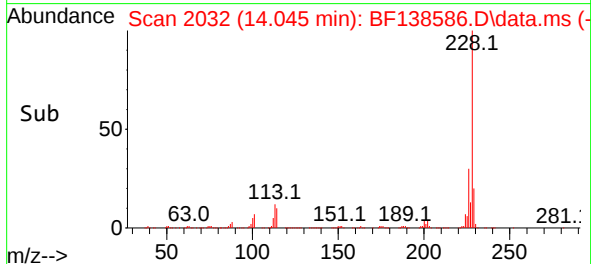
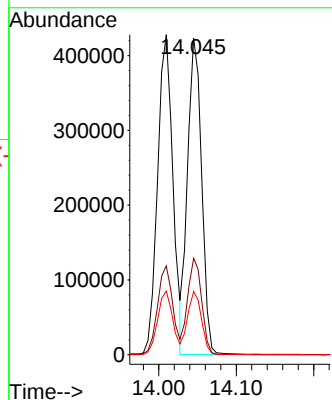
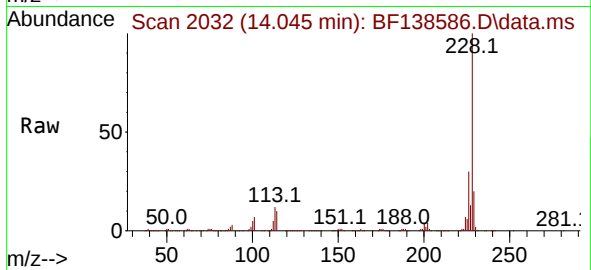
Tgt Ion:228 Resp: 535052

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.948 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

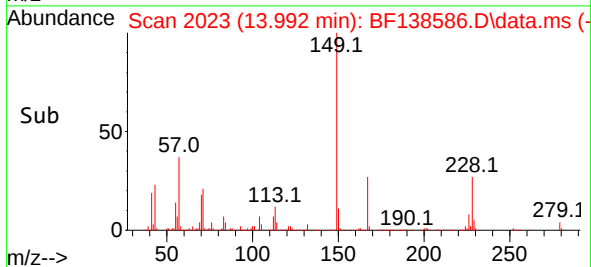
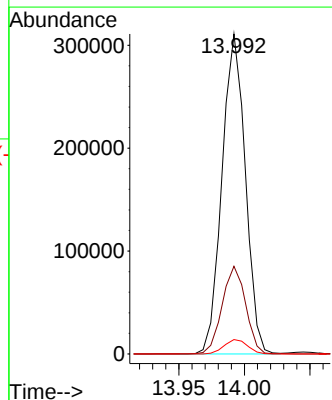
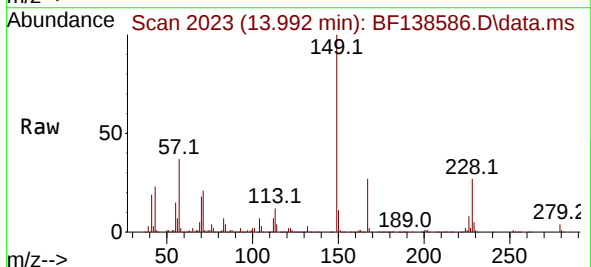
Tgt Ion:149 Resp: 385193

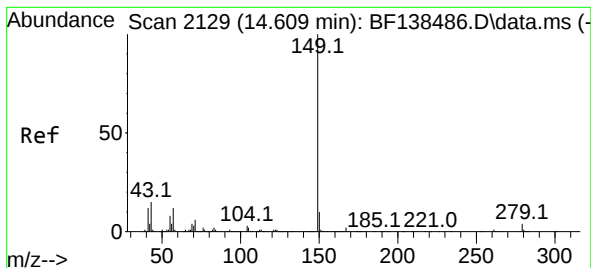
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 72.516 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

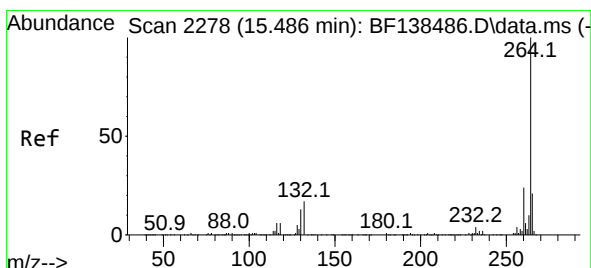
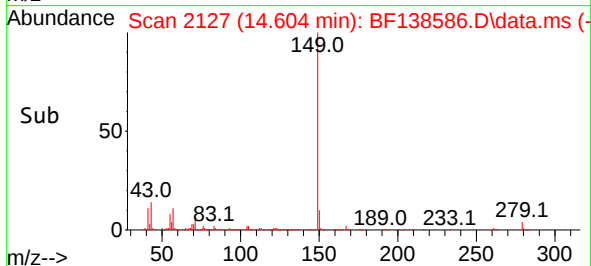
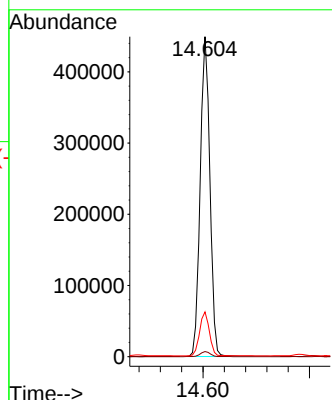
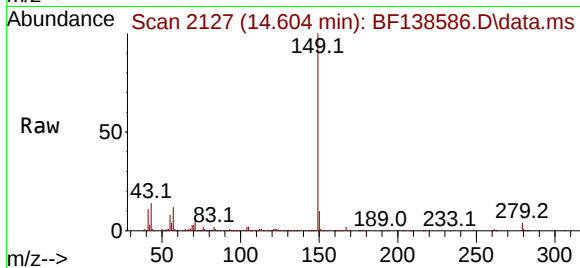
Tgt Ion:149 Resp: 566098

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 13.8 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

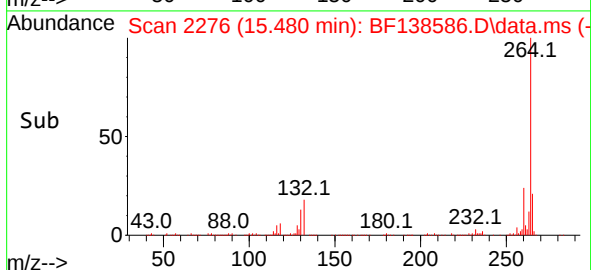
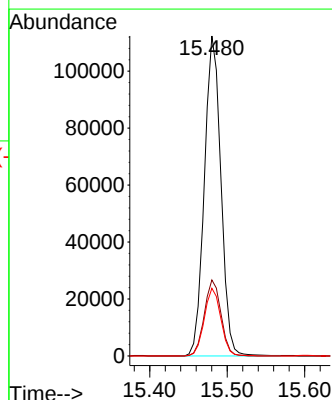
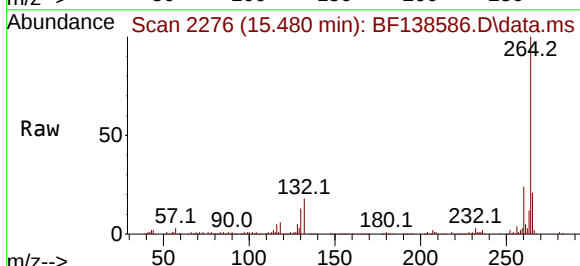
Tgt Ion:264 Resp: 166878

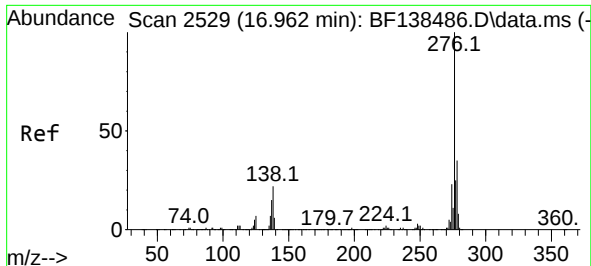
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 17.0 25.4

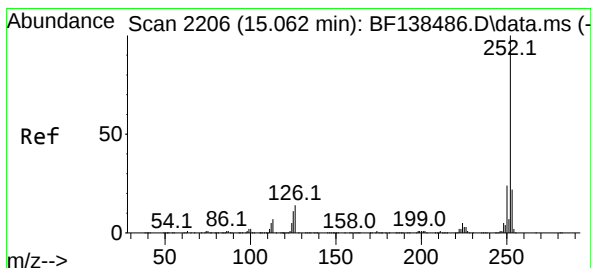
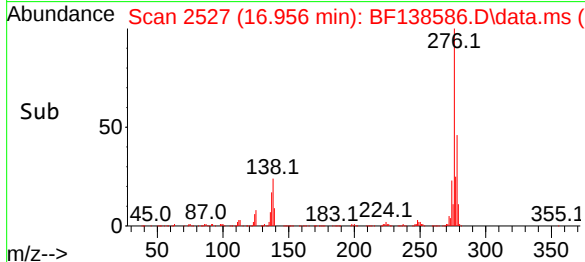
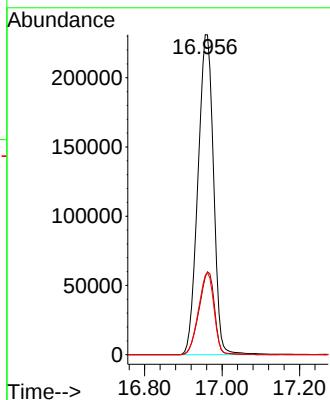
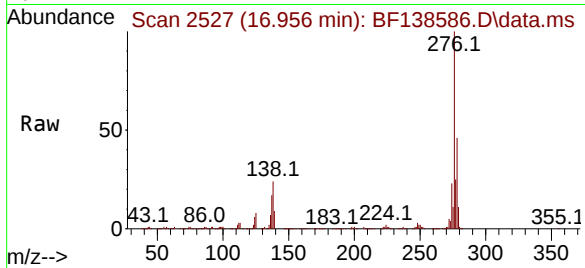




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 57.538 ng  
RT: 16.956 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

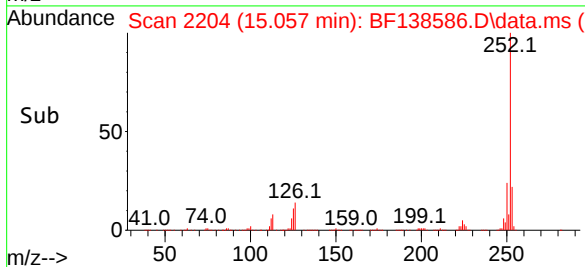
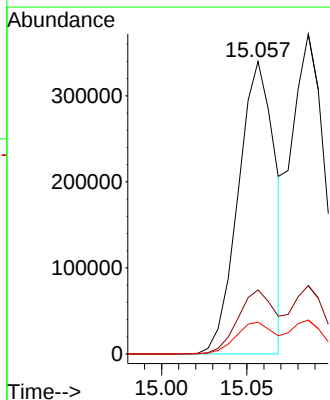
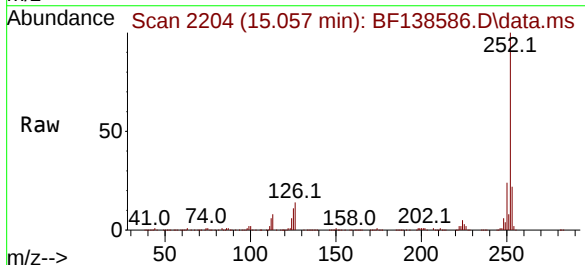
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

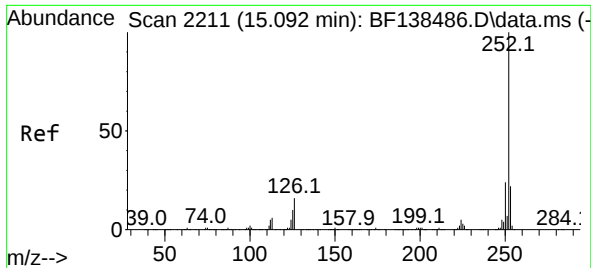
Tgt Ion:276 Resp: 644960  
Ion Ratio Lower Upper  
276 100  
138 25.8 19.6 29.4  
277 25.5 20.5 30.7



#88  
Benzo(b)fluoranthene  
Concen: 53.956 ng  
RT: 15.057 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:252 Resp: 507080  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 10.9 8.6 13.0

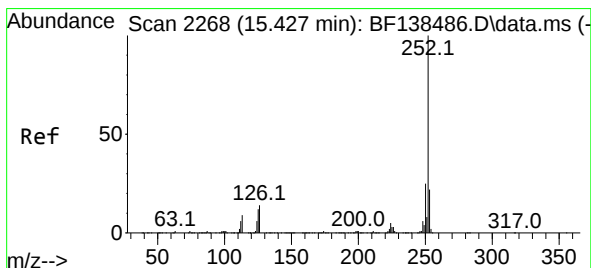
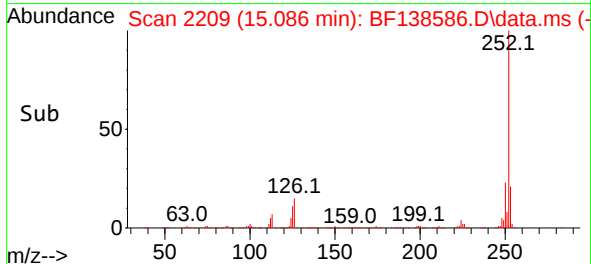
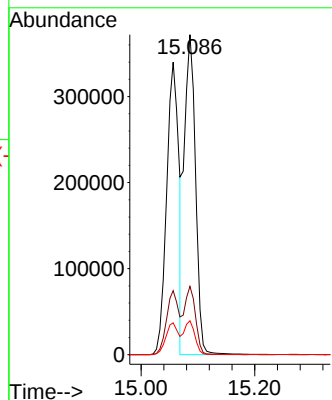
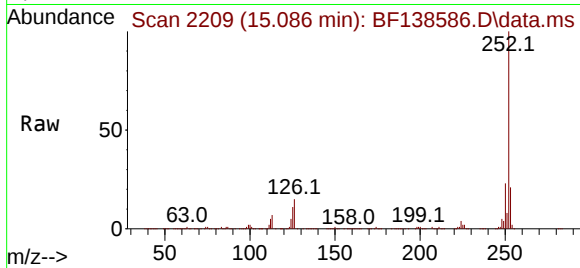




#89  
Benzo(k)fluoranthene  
Concen: 55.683 ng  
RT: 15.086 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

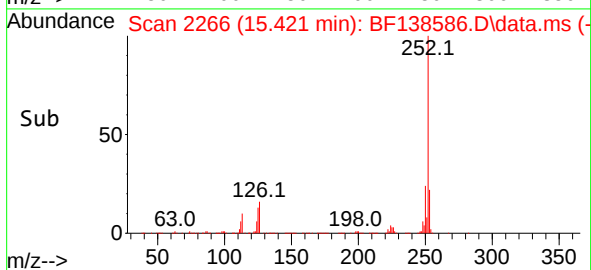
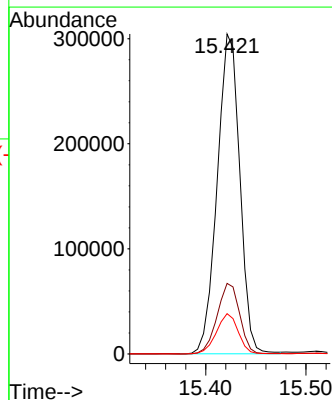
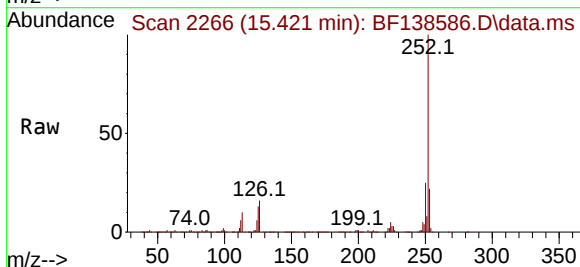
Instrument :  
BNA\_F  
ClientSampleId :  
WC-CTW2-BL-01MSD

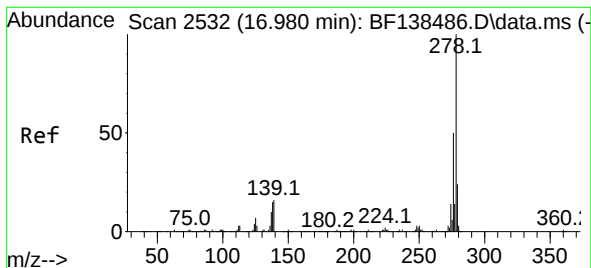
Tgt Ion:252 Resp: 510378  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.7 26.5  
125 10.6 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 57.624 ng  
RT: 15.421 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: BF138586.D  
Acq: 19 Jul 2024 13:28

Tgt Ion:252 Resp: 475734  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 12.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 56.354 ng

RT: 16.974 min Scan# 2532

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA\_F

ClientSampleId :

WC-CTW2-BL-01MSD

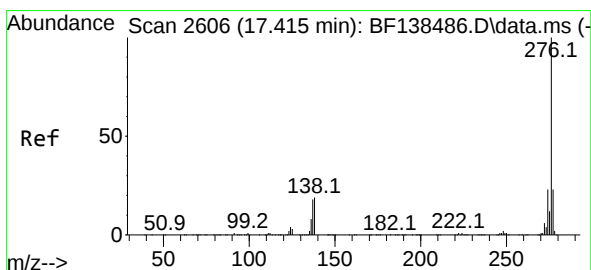
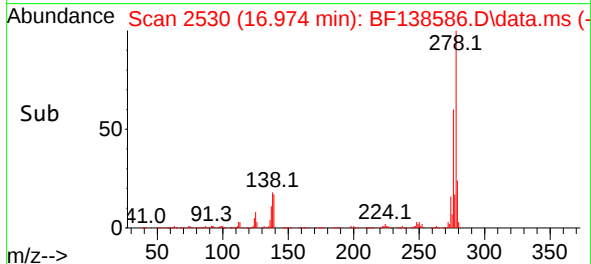
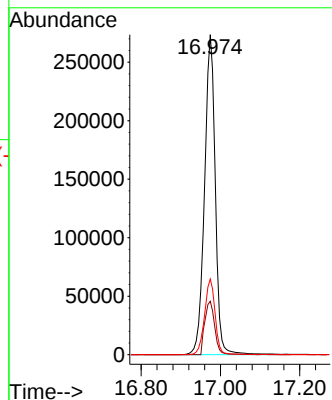
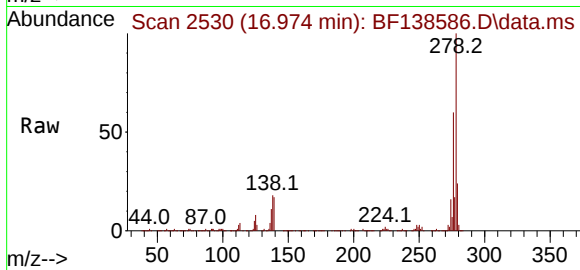
Tgt Ion:278 Resp: 516723

Ion Ratio Lower Upper

278 100

139 16.7 12.8 19.2

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 51.245 ng

RT: 17.404 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:276 Resp: 498254

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 23.0 15.5 23.3

