

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121924\  
 Data File : BF140926.D  
 Acq On : 19 Dec 2024 15:13  
 Operator : RC/JU  
 Sample : P5291-13MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-20241213MS

Quant Time: Dec 19 16:07:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 53334    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 219250   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 121709   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 198273   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 126402   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 92913    | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 467579   | 144.321 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 561162   | 130.770 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 451288   | 102.980 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 196413   | 136.448 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 914273   | 103.278 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 868398   | 108.333 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.652  | 88   | 66666    | 47.772  | ng    | 99       |
| 3) Pyridine                   | 3.452  | 79   | 97664    | 30.219  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 86815    | 53.286  | ng    | 91       |
| 6) Aniline                    | 6.522  | 93   | 36693    | 10.001  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.645  | 128  | 189067   | 53.514  | ng    | 99       |
| 9) Benzaldehyde               | 6.416  | 77   | 12991    | 5.464   | ng    | 89       |
| 10) Phenol                    | 6.516  | 94   | 199550   | 44.868  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 178768   | 53.898  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 207944   | 51.652  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 209750   | 51.327  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 201603   | 52.287  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 145976   | 47.577  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 218254   | 55.859  | ng    | 94       |
| 17) 2-Methylphenol            | 7.122  | 107  | 144398   | 51.192  | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 83261    | 54.730  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 141284   | 54.887  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 195795   | 52.347  | ng    | # 80     |
| 22) Acetophenone              | 7.263  | 105  | 276180   | 50.355  | ng    | 95       |
| 24) Nitrobenzene              | 7.434  | 77   | 222671   | 49.598  | ng    | 98       |
| 25) Isophorone                | 7.675  | 82   | 406704   | 55.389  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 115652   | 55.932  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 155402   | 64.355  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 241148   | 52.583  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 175518   | 52.648  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 189919   | 49.694  | ng    | 100      |
| 31) Naphthalene               | 8.151  | 128  | 662575   | 55.015  | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 82867    | 36.184  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 47587    | 11.897  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 127835   | 49.716  | ng    | 100      |
| 35) Caprolactam               | 8.581  | 113  | 28126    | 28.338  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 181314   | 48.321  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 414742   | 52.058  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 391651   | 49.708  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 205974   | 55.060  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 81364    | 67.749  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.133  | 196  | 120077   | 52.421  | ng    | 99       |

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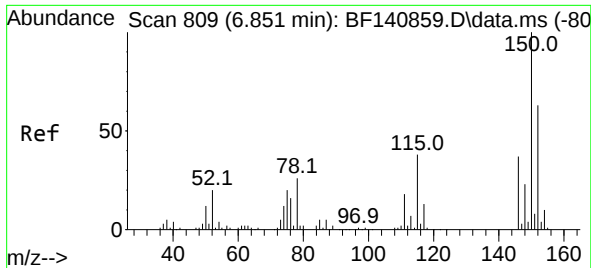
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 123793   | 49.169 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 519251   | 53.652 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 391202   | 52.837 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.439  | 65   | 105679   | 47.261 | ng    | 95       |
| 49) Acenaphthylene            | 9.745  | 152  | 616133   | 56.627 | ng    | 100      |
| 50) Dimethylphthalate         | 9.604  | 163  | 451022   | 52.562 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 97163    | 49.531 | ng    | 90       |
| 52) Acenaphthene              | 9.916  | 154  | 379823   | 54.649 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 16054    | 8.247  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 85129    | 88.211 | ng    | 92       |
| 55) Dibenzofuran              | 10.092 | 168  | 565314   | 52.490 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 53154    | 52.384 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 124049   | 48.063 | ng    | 97       |
| 58) Fluorene                  | 10.433 | 166  | 447643   | 50.382 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 101425   | 49.438 | ng    | 98       |
| 60) Diethylphthalate          | 10.304 | 149  | 441425   | 49.610 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 225387   | 50.500 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 45416    | 22.325 | ng    | 95       |
| 63) Azobenzene                | 10.580 | 77   | 374141   | 44.726 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 60315    | 53.684 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 244428   | 40.096 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 132729   | 59.838 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 150230   | 59.736 | ng    | 100      |
| 69) Atrazine                  | 11.069 | 200  | 20609    | 12.105 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 81746    | 88.906 | ng    | 100      |
| 71) Phenanthrene              | 11.398 | 178  | 600489   | 58.894 | ng    | 99       |
| 72) Anthracene                | 11.451 | 178  | 610114   | 60.762 | ng    | 99       |
| 73) Carbazole                 | 11.610 | 167  | 327174   | 33.266 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 616920   | 53.447 | ng    | 99       |
| 75) Fluoranthene              | 12.592 | 202  | 548686   | 46.727 | ng    | 100      |
| 78) Pyrene                    | 12.822 | 202  | 581451   | 51.729 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 220746   | 53.373 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 491441   | 54.857 | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 427461   | 52.473 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 313699   | 58.823 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 474503   | 58.812 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 519022   | 89.515 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 478225   | 74.149 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 449427   | 81.235 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 409188   | 81.024 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 437789   | 91.141 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 418505   | 85.605 | ng    | 99       |

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

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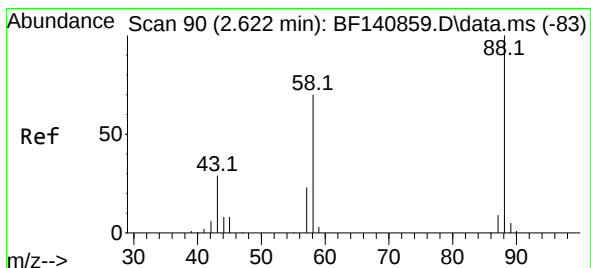
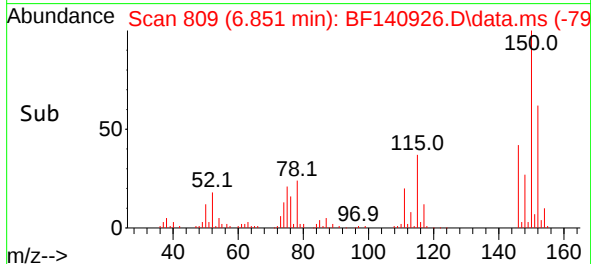
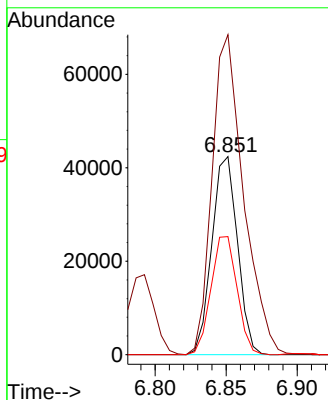
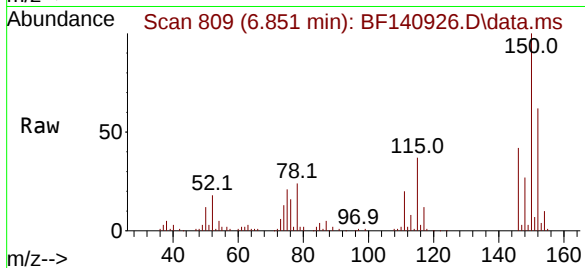




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF140926.D  
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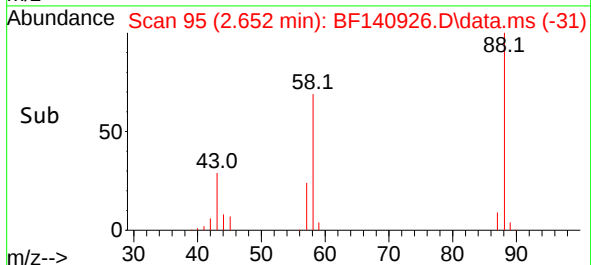
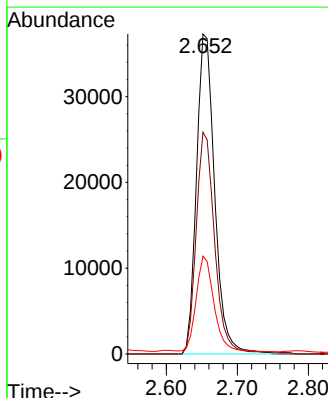
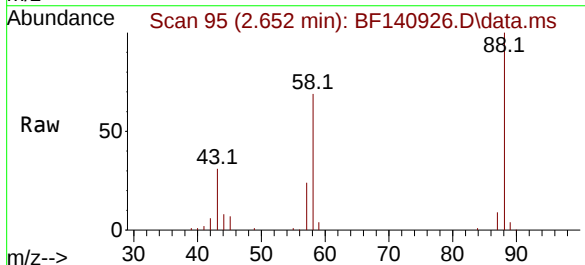
Instrument :  
 BNA\_F  
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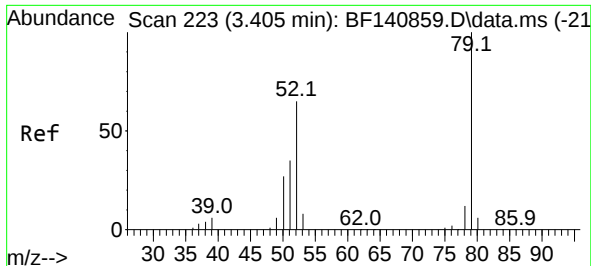
Tgt Ion:152 Resp: 53334  
 Ion Ratio Lower Upper  
 152 100  
 150 161.6 127.9 191.9  
 115 59.6 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 47.772 ng  
 RT: 2.652 min Scan# 95  
 Delta R.T. 0.029 min  
 Lab File: BF140926.D  
 Acq: 19 Dec 2024 15:13

Tgt Ion: 88 Resp: 66666  
 Ion Ratio Lower Upper  
 88 100  
 58 70.7 55.8 83.8  
 43 29.6 22.7 34.1





#3

Pyridine

Concen: 30.219 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

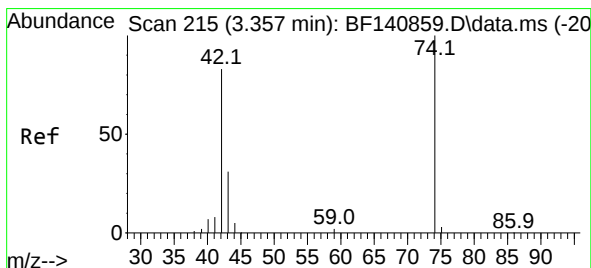
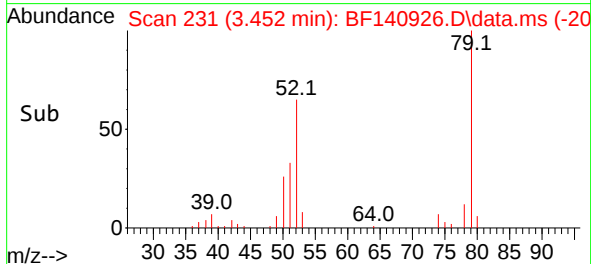
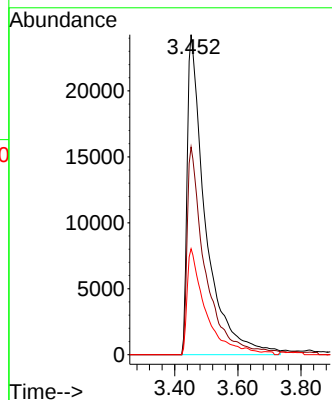
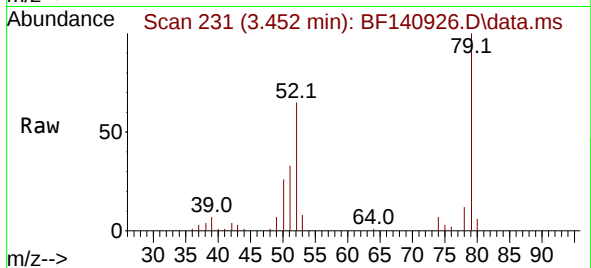
Tgt Ion: 79 Resp: 97664

Ion Ratio Lower Upper

79 100

52 64.9 51.7 77.5

51 33.1 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 53.286 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.029 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

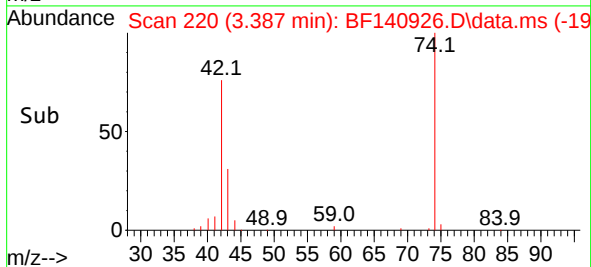
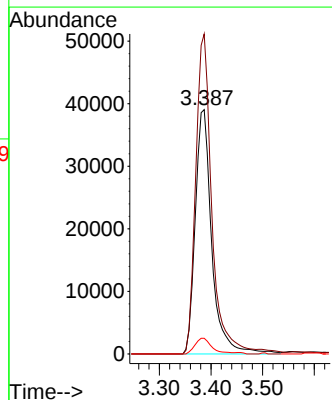
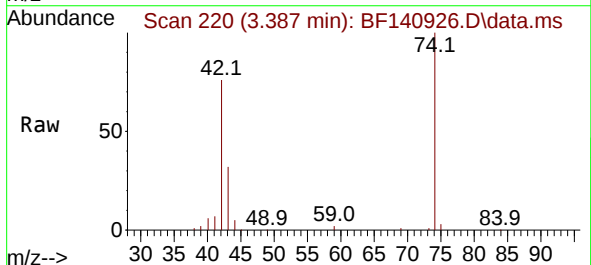
Tgt Ion: 42 Resp: 86815

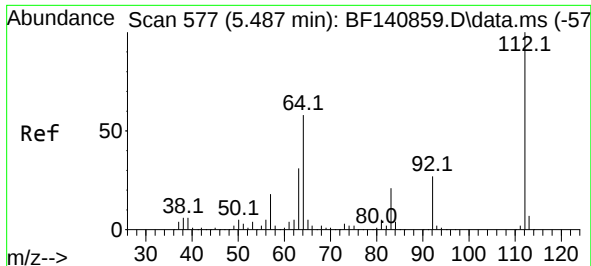
Ion Ratio Lower Upper

42 100

74 131.0 96.9 145.3

44 6.4 4.4 6.6

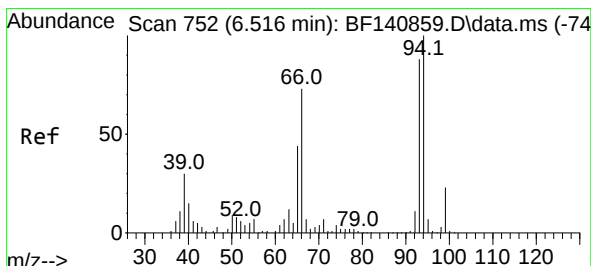
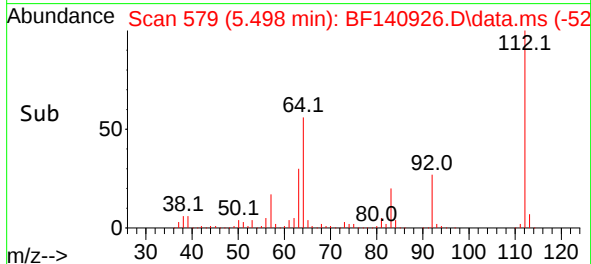
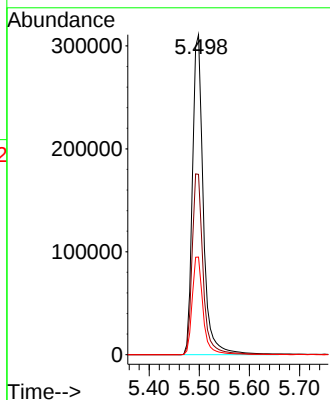
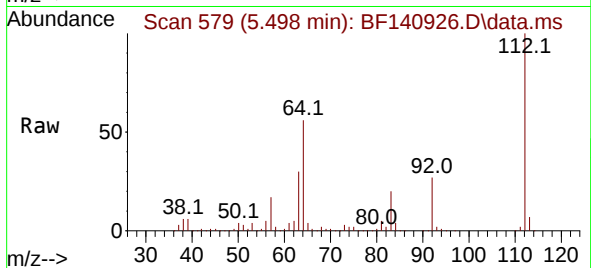




#5  
2-Fluorophenol  
Concen: 144.321 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

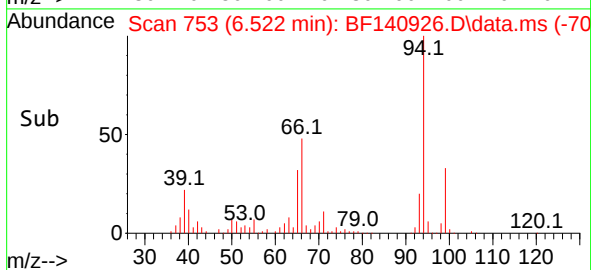
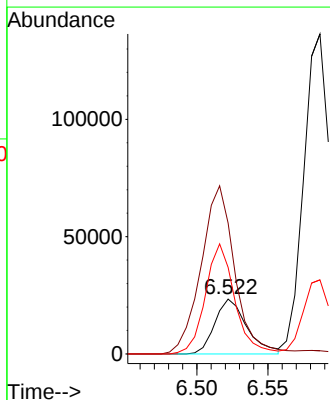
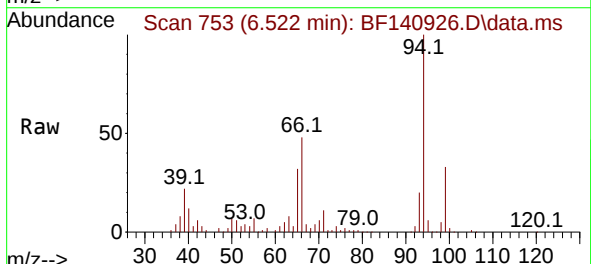
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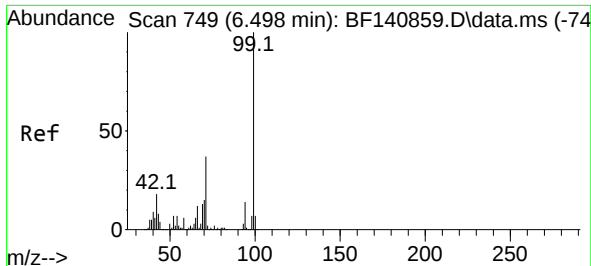
Tgt Ion:112 Resp: 467579  
Ion Ratio Lower Upper  
112 100  
64 56.3 46.1 69.1  
63 30.5 24.9 37.3



#6  
Aniline  
Concen: 10.001 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
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Tgt Ion: 93 Resp: 36693  
Ion Ratio Lower Upper  
93 100  
66 238.4 67.0 100.4#  
65 157.9 40.4 60.6#

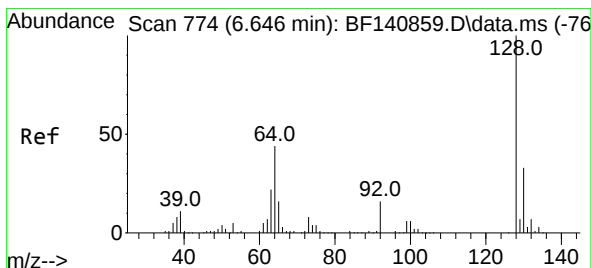
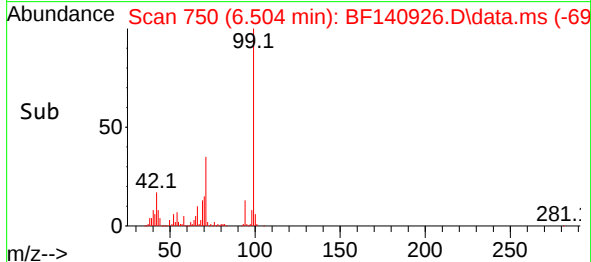
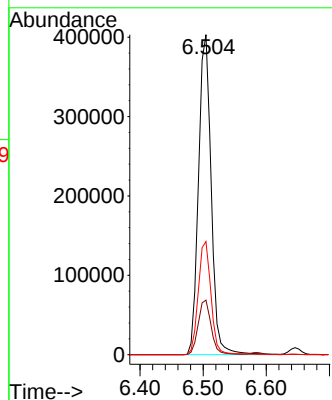
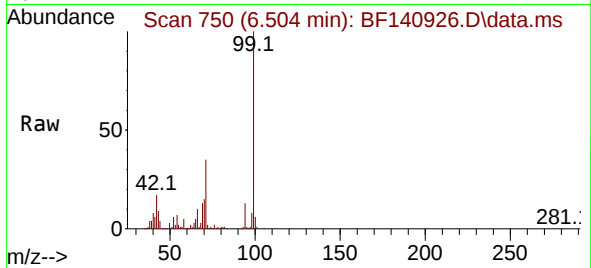




#7  
Phenol-d6  
Concen: 130.770 ng  
RT: 6.504 min Scan# 749  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

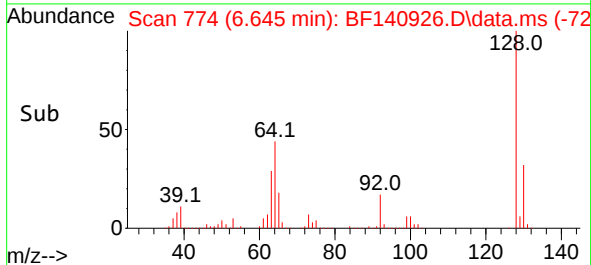
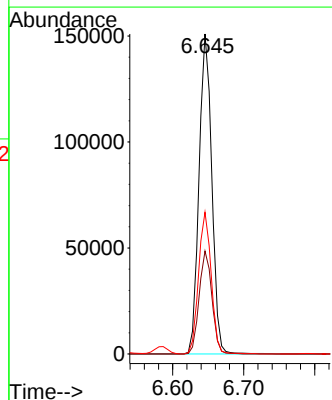
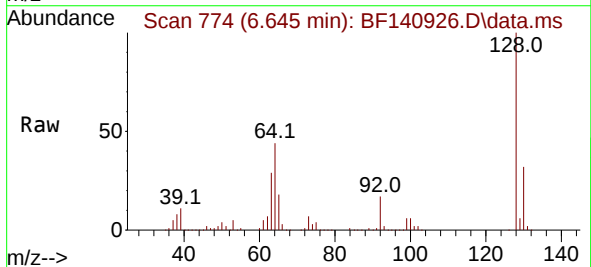
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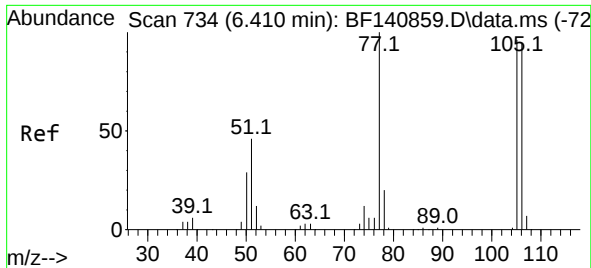
Tgt Ion: 99 Resp: 561162  
Ion Ratio Lower Upper  
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42 17.0 14.3 21.5  
71 35.4 29.9 44.9



#8  
2-Chlorophenol  
Concen: 53.514 ng  
RT: 6.645 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:128 Resp: 189067  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.9 52.9  
64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 5.464 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140926.D

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Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

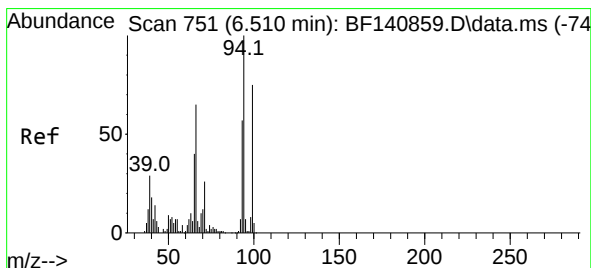
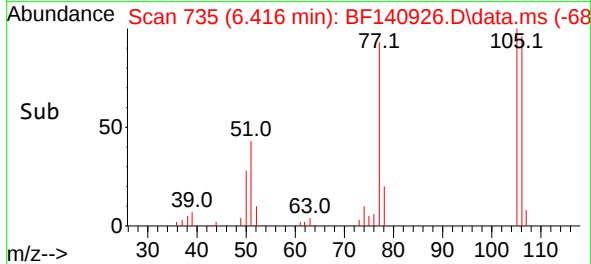
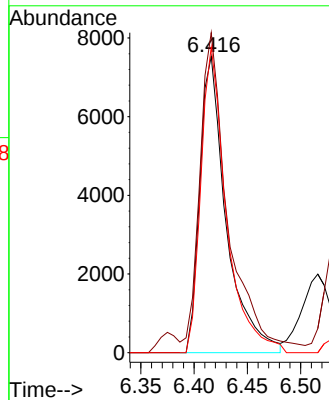
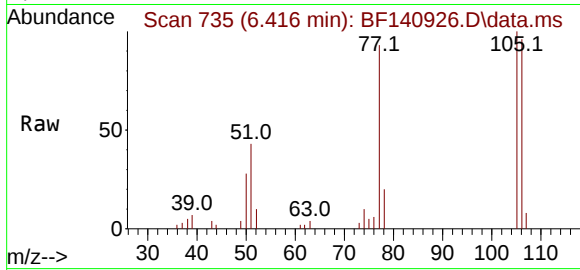
Tgt Ion: 77 Resp: 12991

Ion Ratio Lower Upper

77 100

105 108.0 75.8 115.8

106 103.2 74.1 114.1



#10

Phenol

Concen: 44.868 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

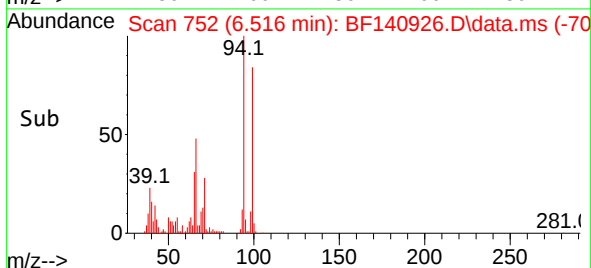
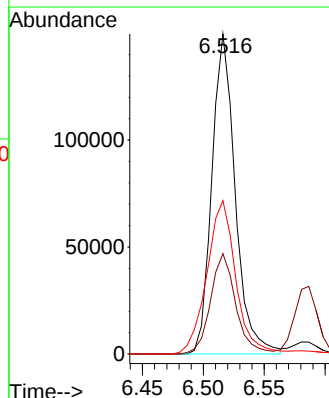
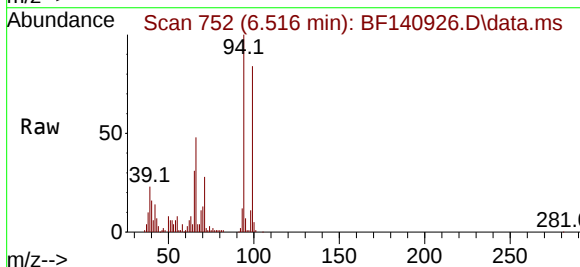
Tgt Ion: 94 Resp: 199550

Ion Ratio Lower Upper

94 100

65 31.4 19.9 59.9

66 47.9 45.6 85.6



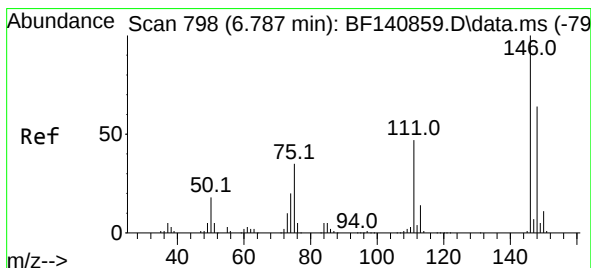
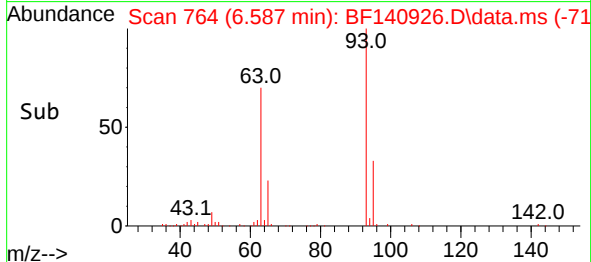
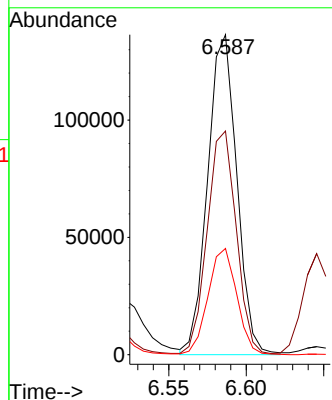
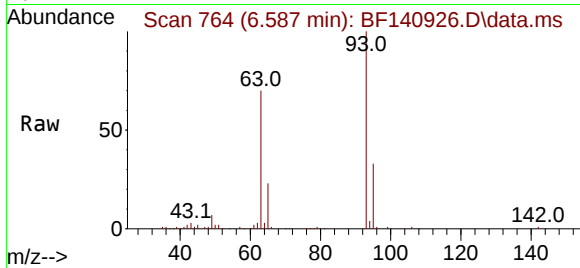


#11  
bis(2-Chloroethyl)ether  
Concen: 53.898 ng  
RT: 6.587 min Scan# 709  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

Tgt Ion: 93 Resp: 178768

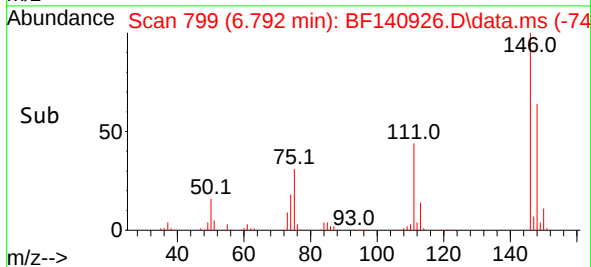
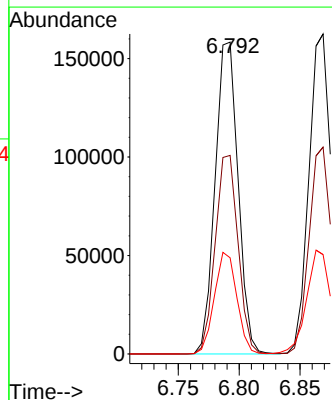
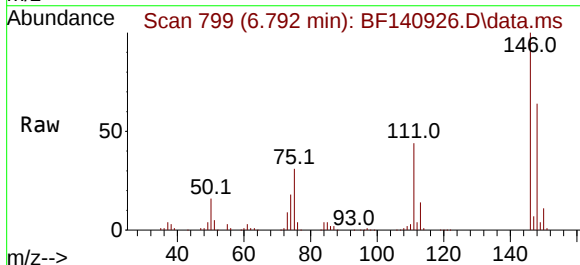
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 69.9  | 51.0  | 91.0  |
| 95  | 33.2  | 12.0  | 52.0  |



#12  
1,3-Dichlorobenzene  
Concen: 51.652 ng  
RT: 6.792 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion: 146 Resp: 207944

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.7  | 51.0  | 76.6  |
| 75  | 30.8  | 28.1  | 42.1  |





#13

1,4-Dichlorobenzene

Concen: 51.327 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

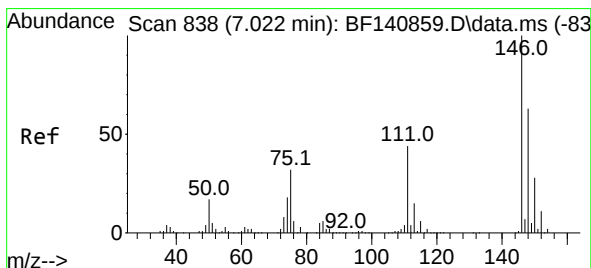
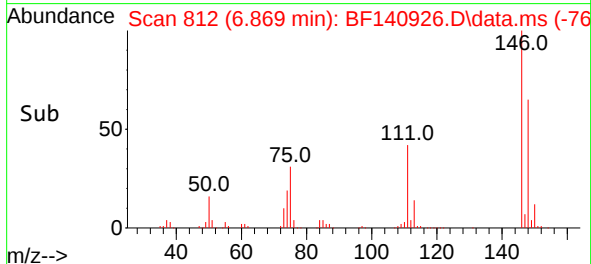
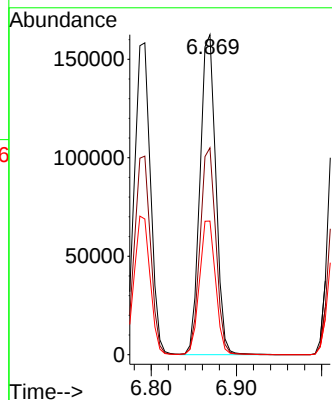
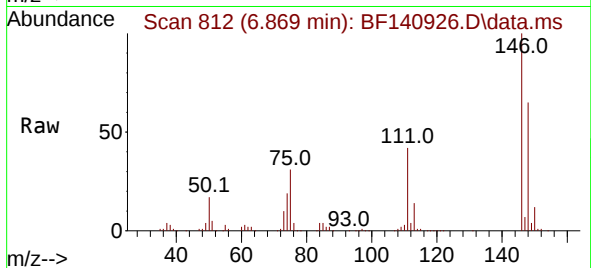
Tgt Ion:146 Resp: 209750

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 41.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 52.287 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

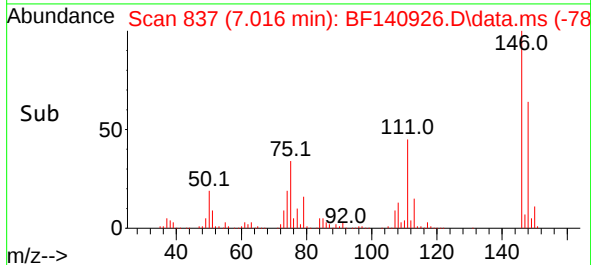
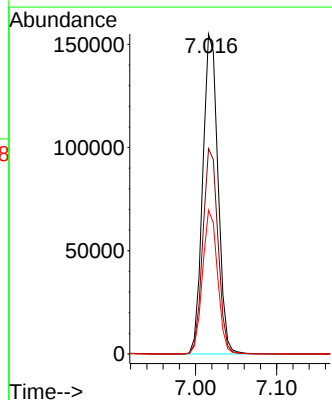
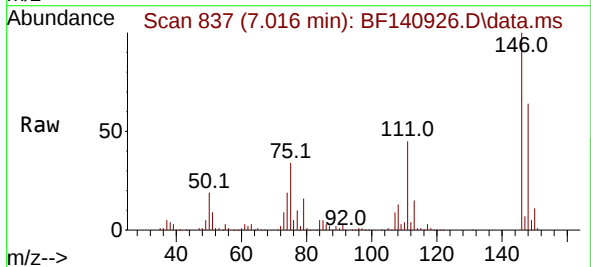
Tgt Ion:146 Resp: 201603

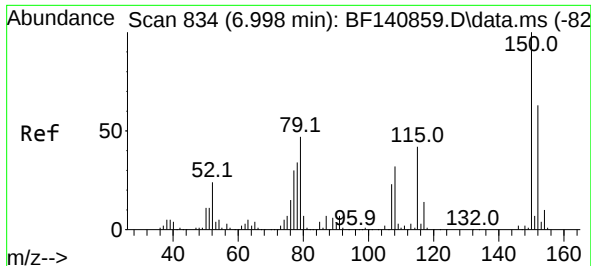
Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 45.0 35.6 53.4

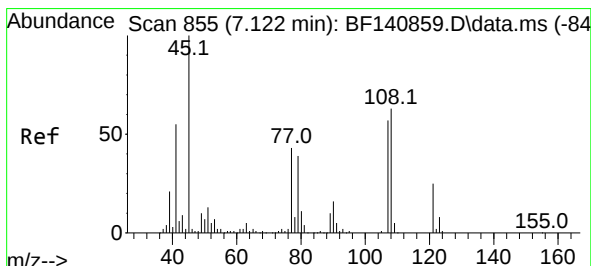
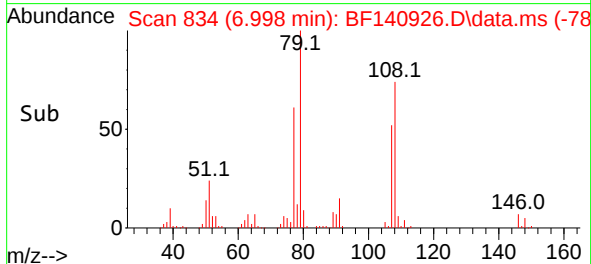
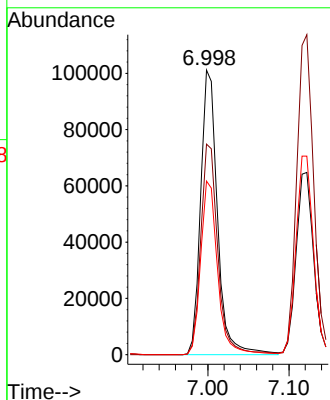
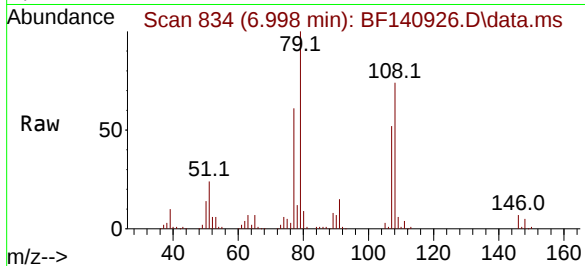




#15  
Benzyl Alcohol  
Concen: 47.577 ng  
RT: 6.998 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

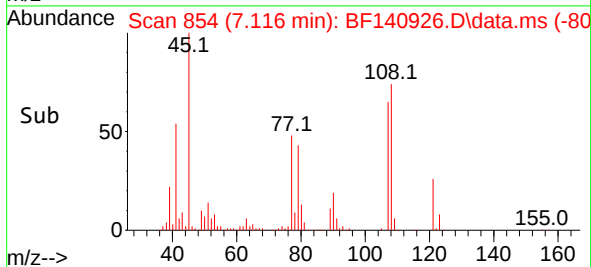
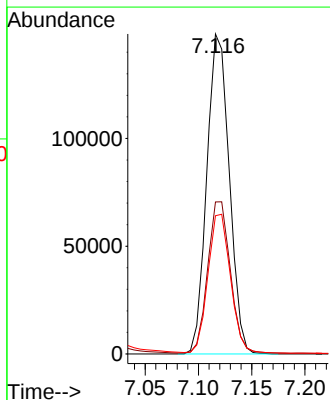
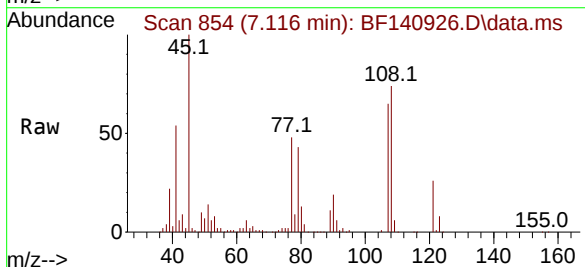
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

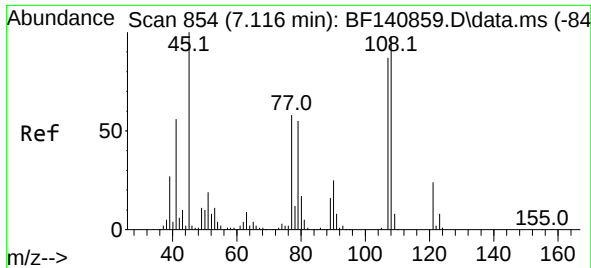
Tgt Ion: 79 Resp: 145976  
Ion Ratio Lower Upper  
79 100  
108 74.0 55.1 82.7  
77 61.0 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 55.859 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion: 45 Resp: 218254  
Ion Ratio Lower Upper  
45 100  
77 47.5 23.3 63.3  
79 43.2 20.0 60.0

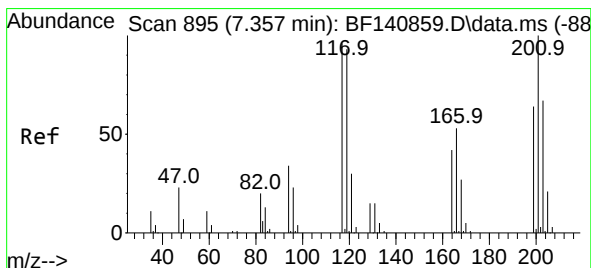
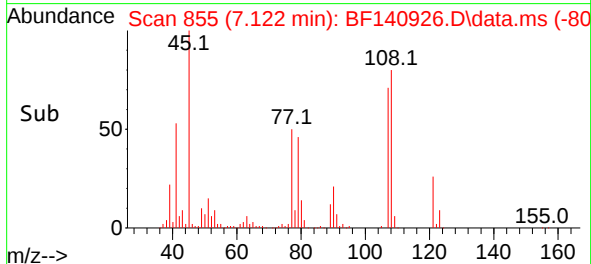
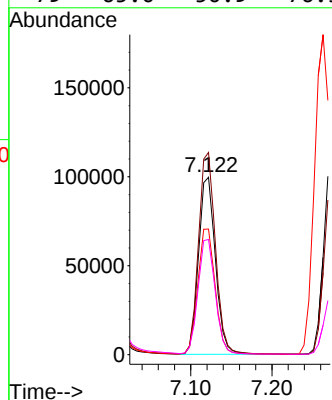
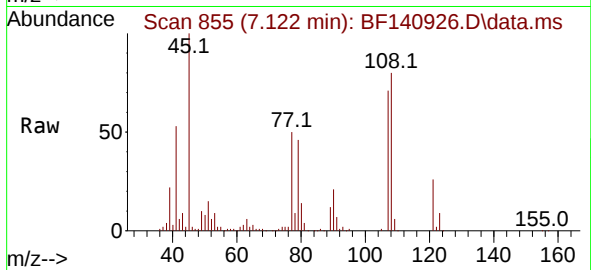




#17  
2-Methylphenol  
Concen: 51.192 ng  
RT: 7.122 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

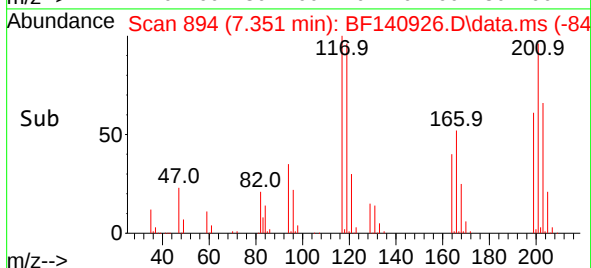
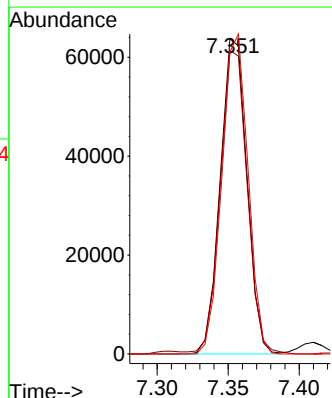
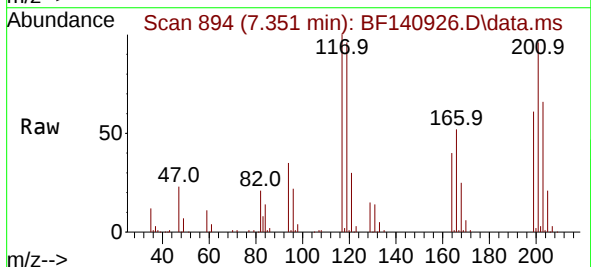
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

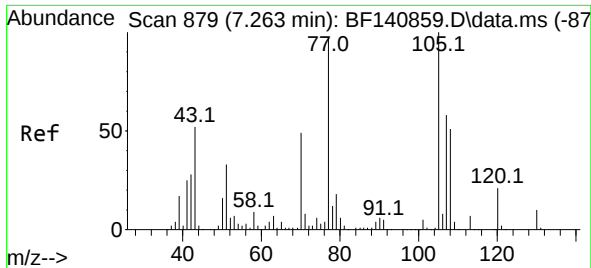
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 144398 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 90.2  | 135.4  |
| 77       | 70.8  | 53.8  | 80.6   |
| 79       | 65.0  | 50.9  | 76.3   |



#18  
Hexachloroethane  
Concen: 54.730 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 83261 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.3  | 77.4  | 116.0 |
| 201      | 95.8  | 83.4  | 125.0 |

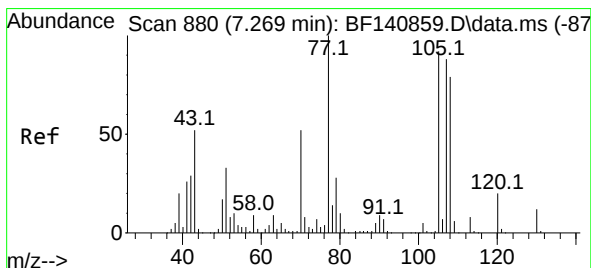
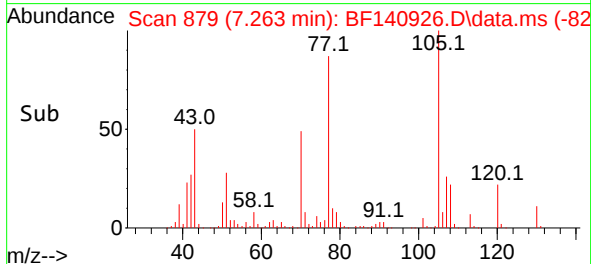
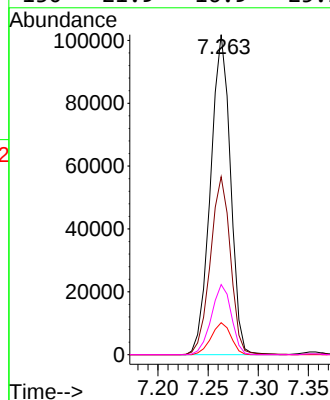
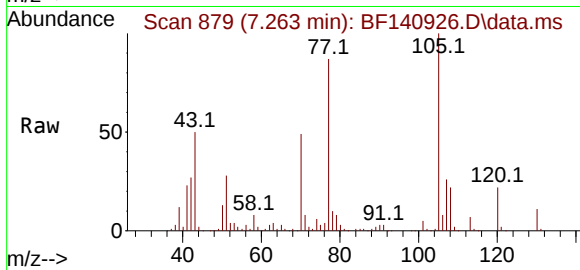




#19  
n-Nitroso-di-n-propylamine  
Concen: 54.887 ng  
RT: 7.263 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

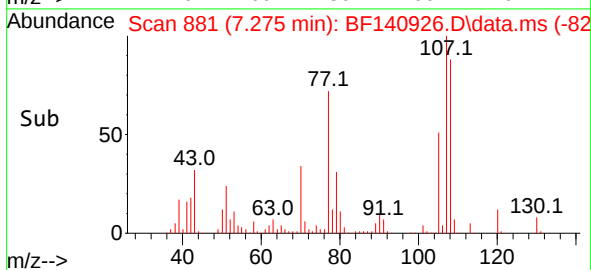
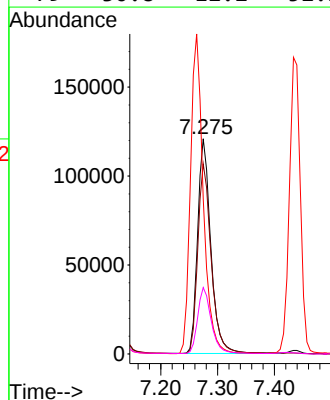
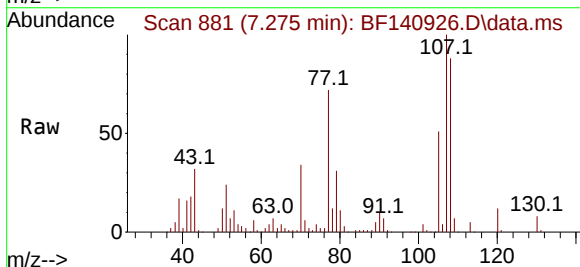
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

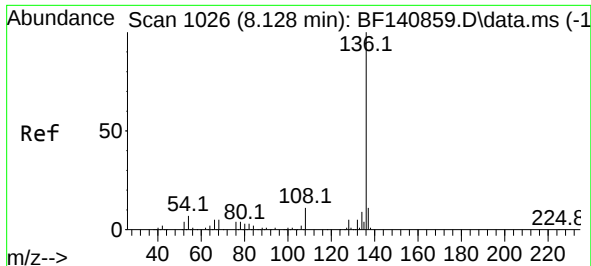
Tgt Ion: 70 Resp: 141284  
Ion Ratio Lower Upper  
70 100  
42 55.6 45.3 67.9  
101 10.0 8.0 12.0  
130 21.9 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 52.347 ng  
RT: 7.275 min Scan# 881  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion: 107 Resp: 195795  
Ion Ratio Lower Upper  
107 100  
108 88.4 70.1 110.1  
77 72.1 94.4 134.4#  
79 30.8 12.2 52.2

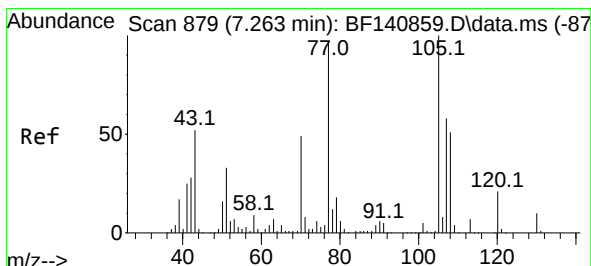
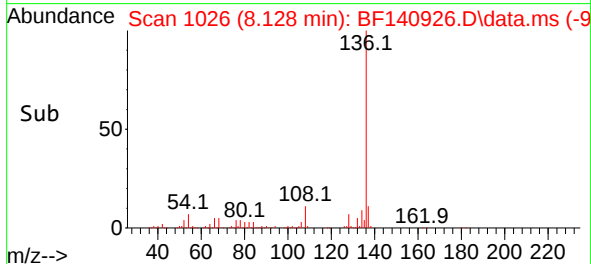
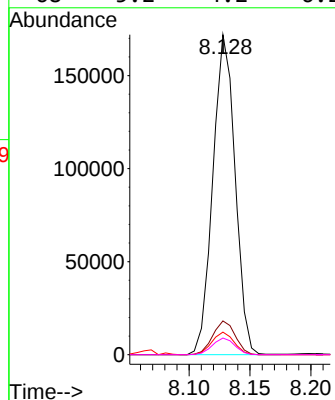
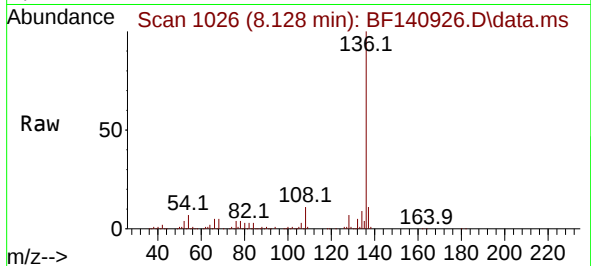




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

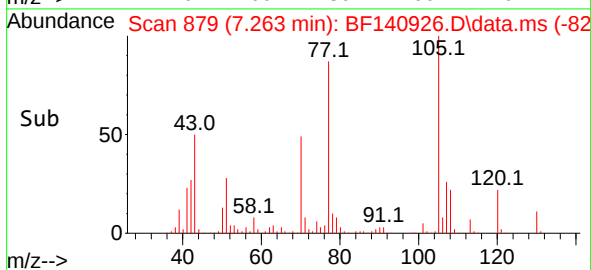
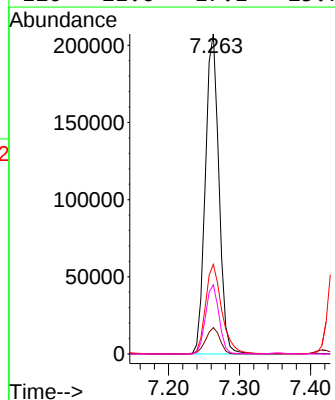
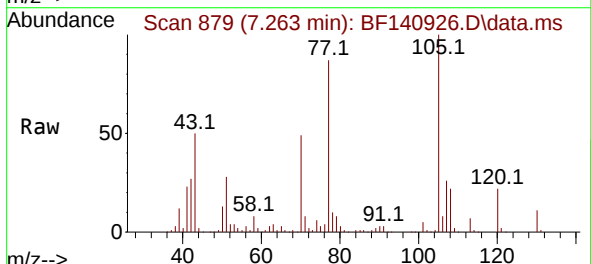
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

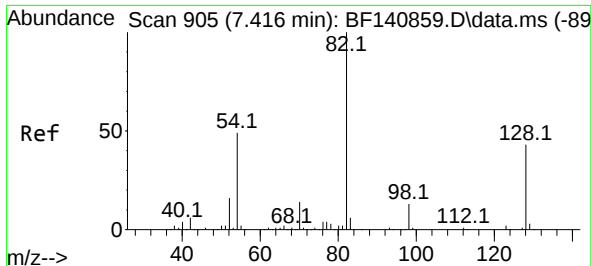
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 219250 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 9.0   | 13.4   |
| 54        | 7.0   | 5.6   | 8.4    |
| 68        | 5.2   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 50.355 ng  
RT: 7.263 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 276180 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.3   | 6.2   | 9.4    |
| 51        | 28.0  | 26.3  | 39.5   |
| 120       | 21.6  | 17.1  | 25.7   |





#23

Nitrobenzene-d5

Concen: 102.980 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

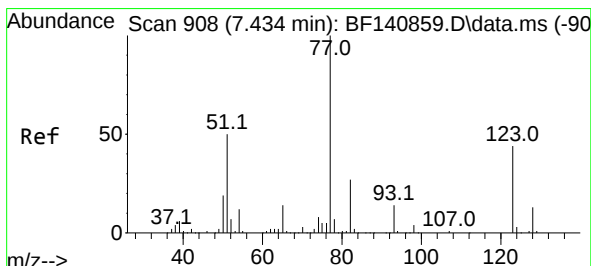
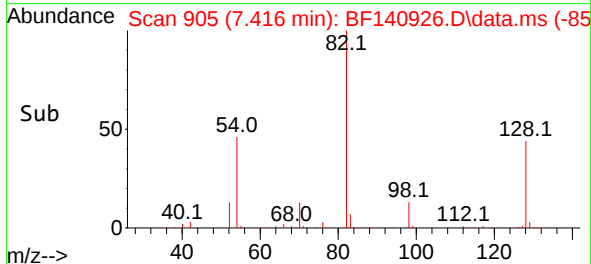
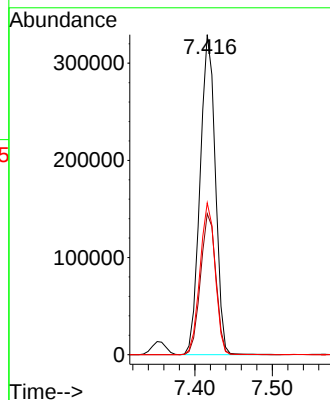
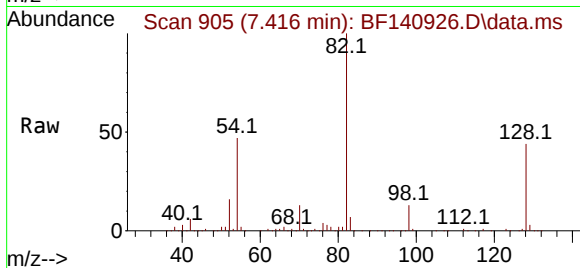
Tgt Ion: 82 Resp: 451288

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 47.5 38.8 58.2



#24

Nitrobenzene

Concen: 49.598 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

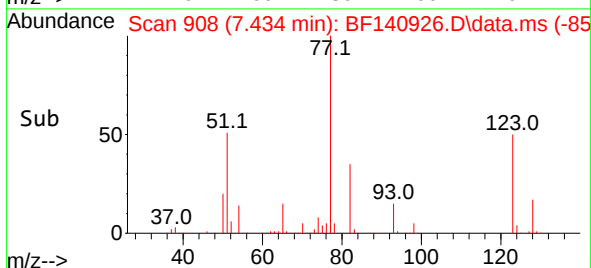
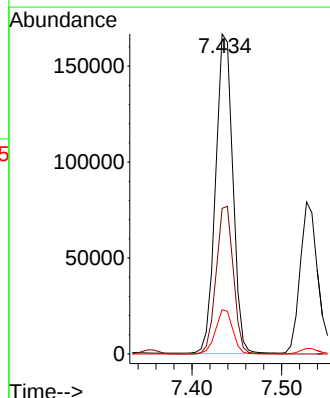
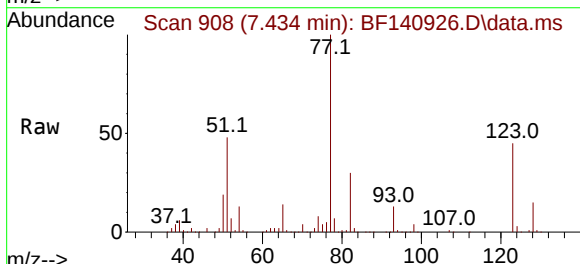
Tgt Ion: 77 Resp: 222671

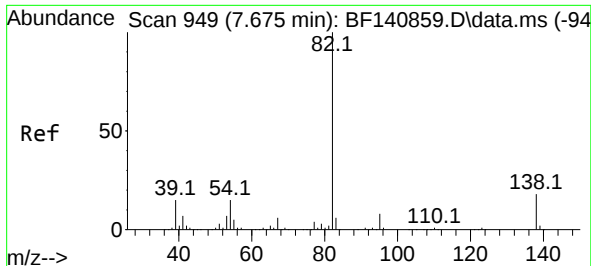
Ion Ratio Lower Upper

77 100

123 45.5 35.0 52.4

65 13.8 11.4 17.0

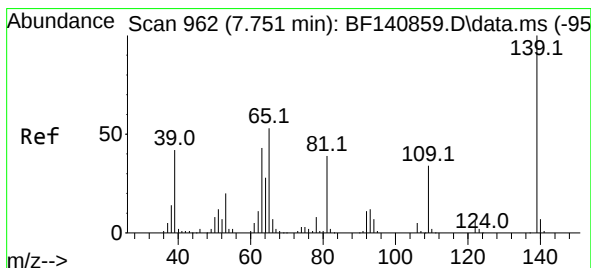
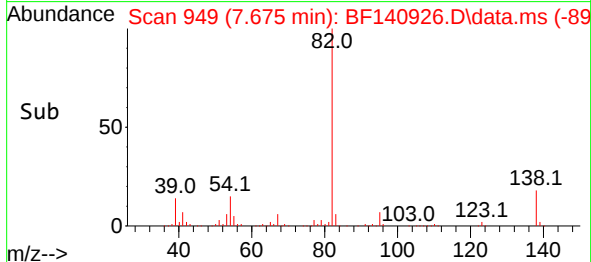
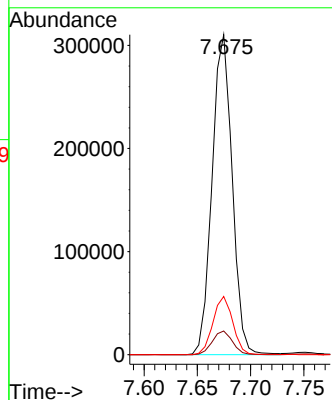
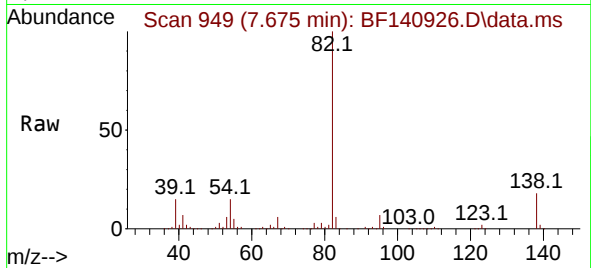




#25  
Isophorone  
Concen: 55.389 ng  
RT: 7.675 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

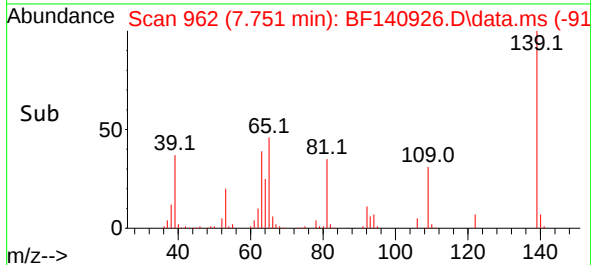
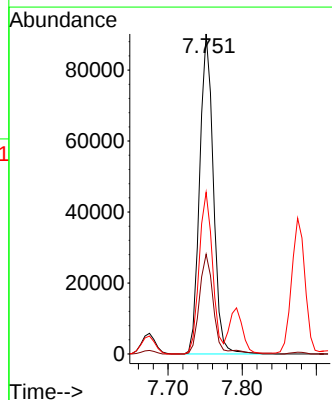
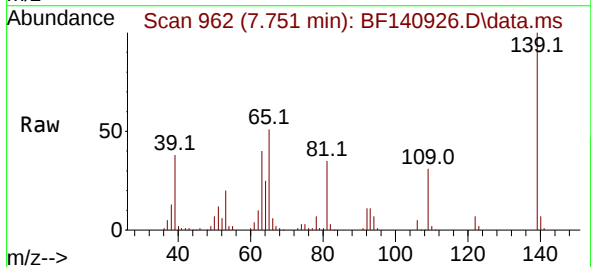
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

Tgt Ion: 82 Resp: 406704  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.3 9.5  
138 18.2 14.1 21.1



#26  
2-Nitrophenol  
Concen: 55.932 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion: 139 Resp: 115652  
Ion Ratio Lower Upper  
139 100  
109 31.2 26.9 40.3  
65 50.5 42.6 64.0

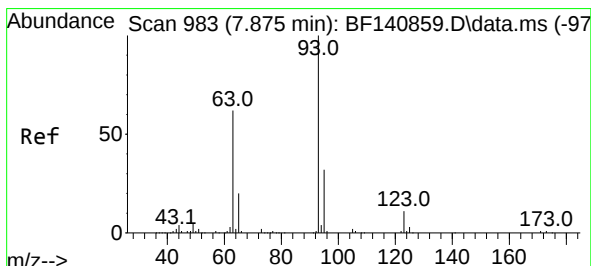
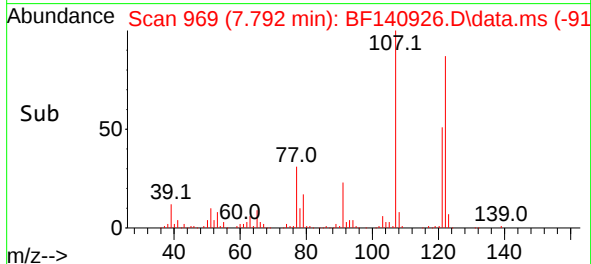
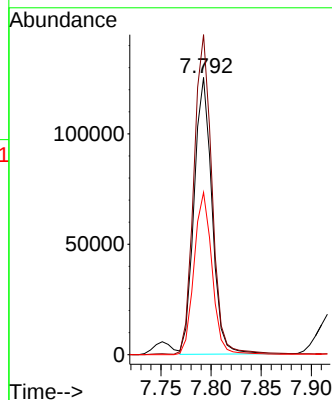
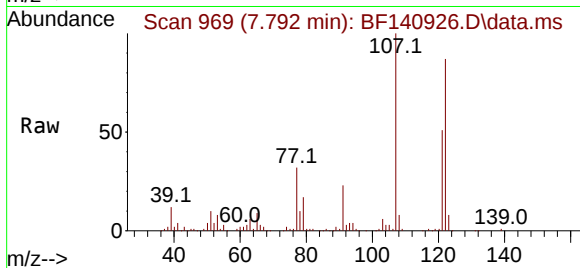




#27  
2,4-Dimethylphenol  
Concen: 64.355 ng  
RT: 7.792 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

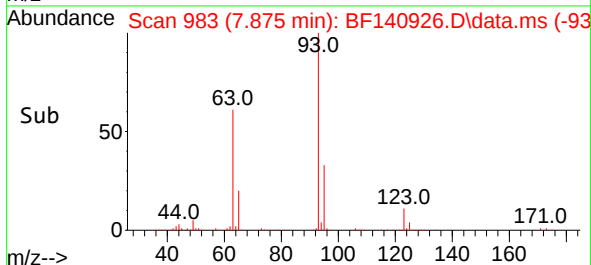
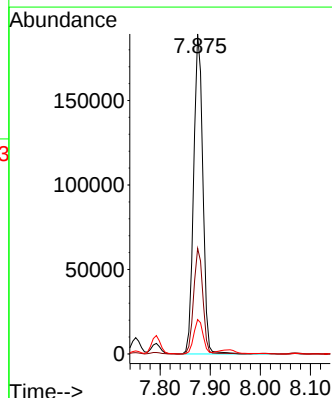
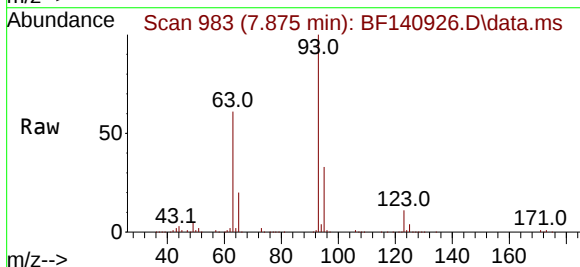
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

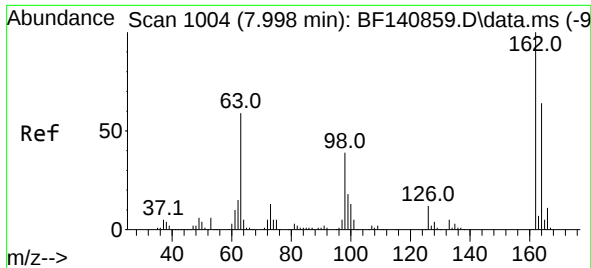
Tgt Ion:122 Resp: 155402  
Ion Ratio Lower Upper  
122 100  
107 115.5 92.6 139.0  
121 58.5 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.583 ng  
RT: 7.875 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion: 93 Resp: 241148  
Ion Ratio Lower Upper  
93 100  
95 33.0 25.3 37.9  
123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.648 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

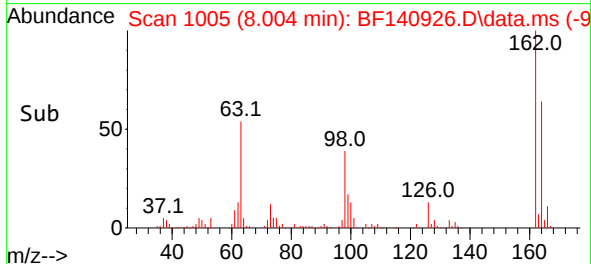
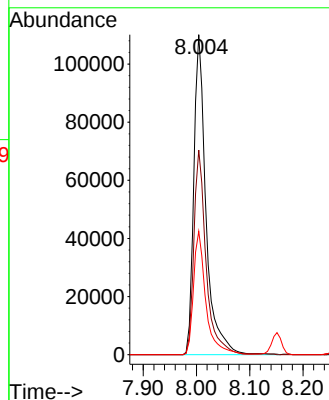
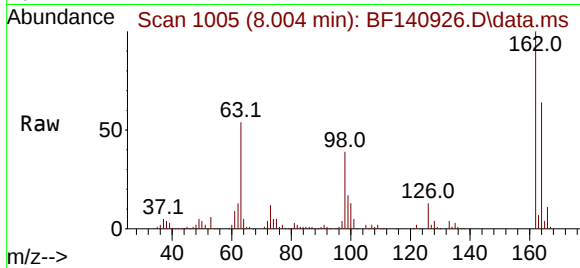
Tgt Ion:162 Resp: 175518

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 49.694 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

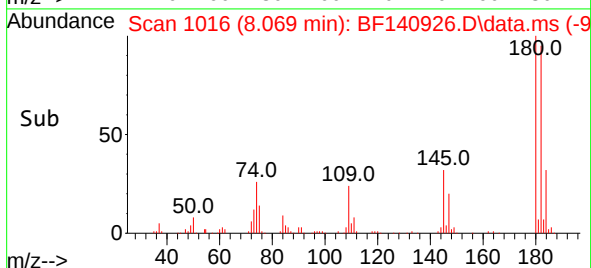
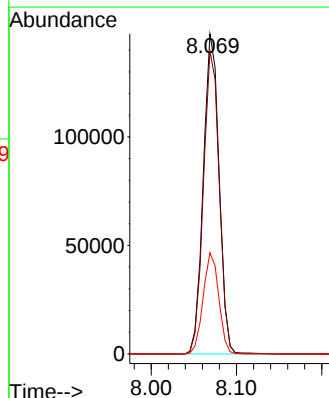
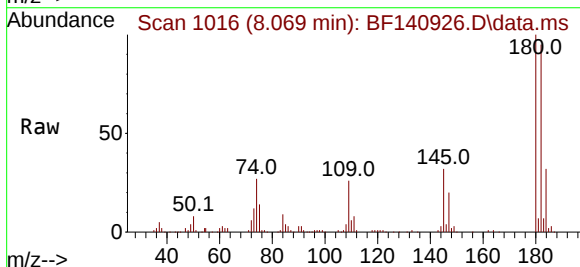
Tgt Ion:180 Resp: 189919

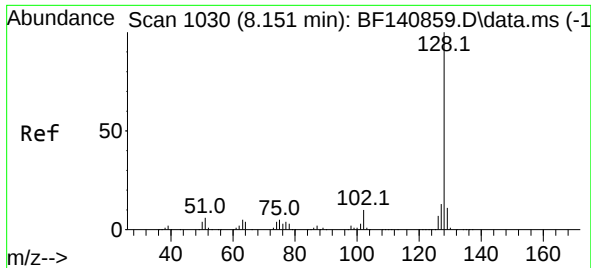
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.6 25.2 37.8

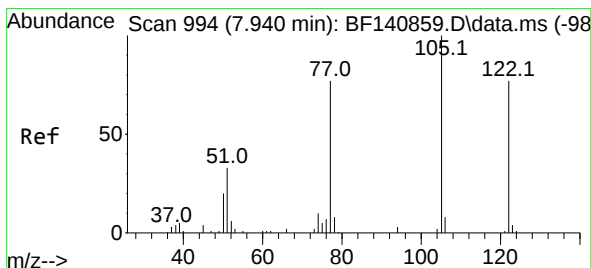
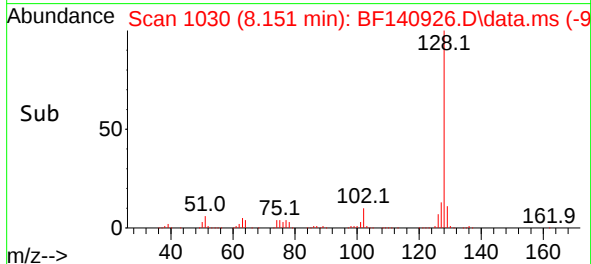
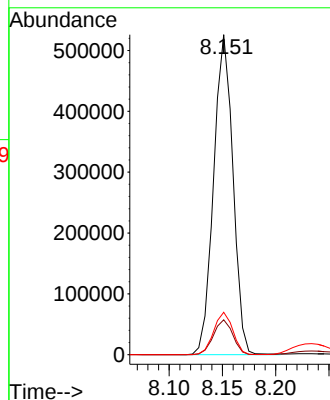
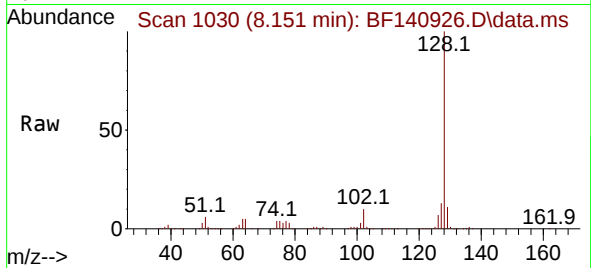




#31  
Naphthalene  
Concen: 55.015 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

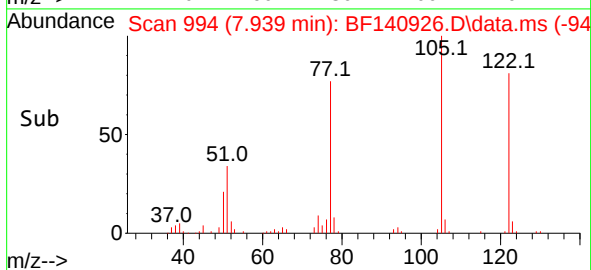
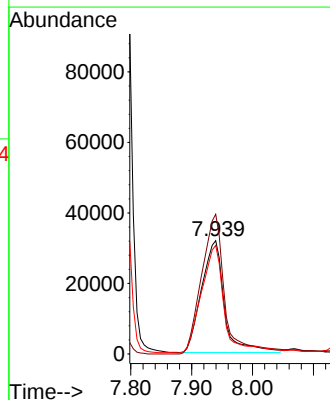
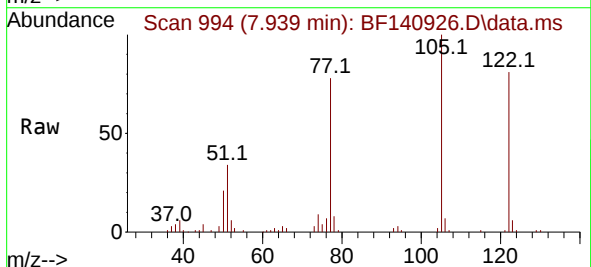
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

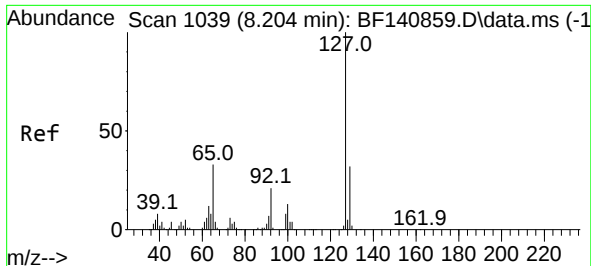
Tgt Ion:128 Resp: 662575  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 36.184 ng  
RT: 7.939 min Scan# 994  
Delta R.T. -0.001 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:122 Resp: 82867  
Ion Ratio Lower Upper  
122 100  
105 123.4 108.3 148.3  
77 95.8 78.8 118.8

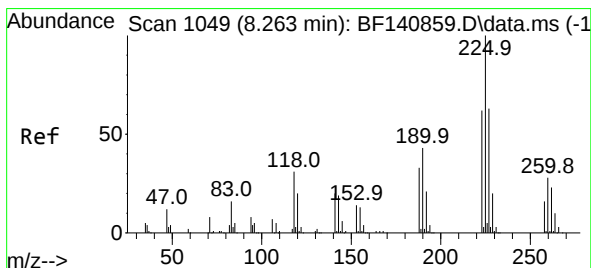
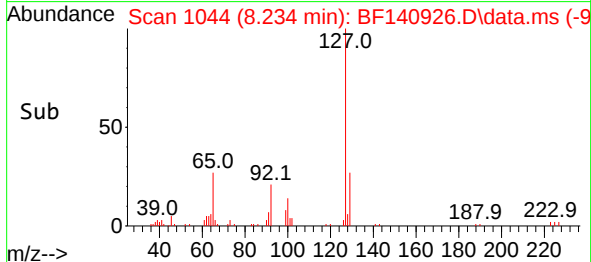
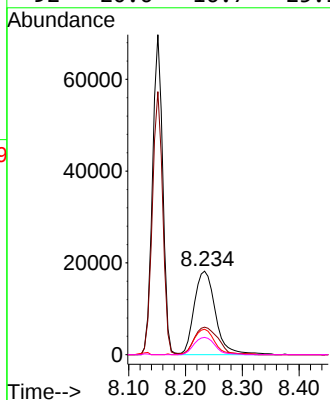
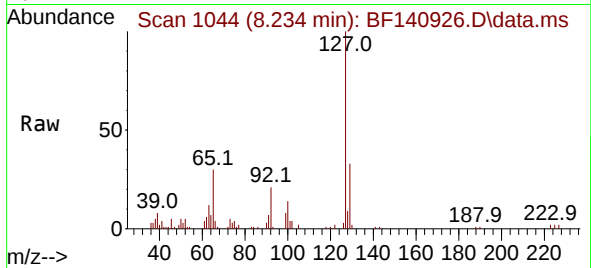




#33  
4-Chloroaniline  
Concen: 11.897 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. 0.029 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

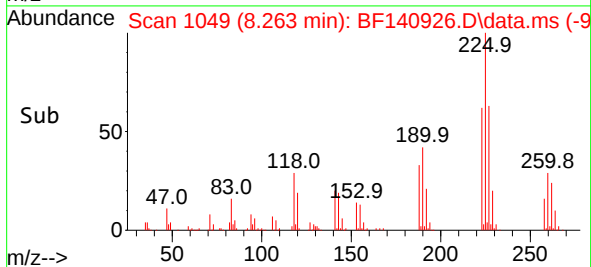
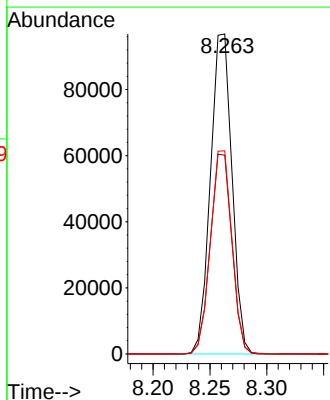
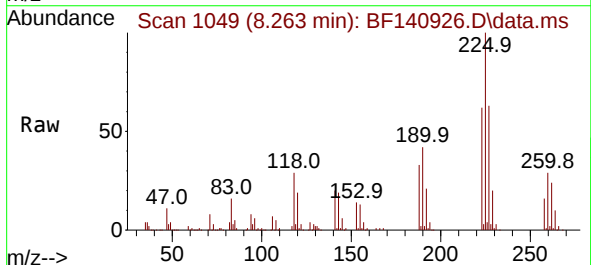
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

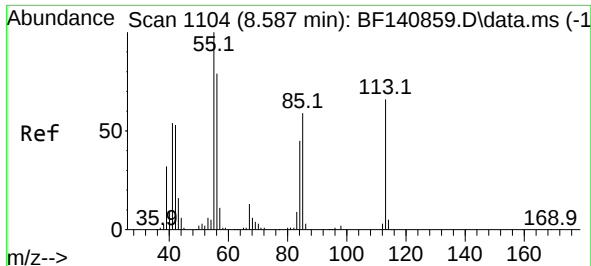
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 47587 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.9  | 26.0  | 39.0  |
| 65       | 30.4  | 26.0  | 39.0  |
| 92       | 20.6  | 16.7  | 25.1  |



#34  
Hexachlorobutadiene  
Concen: 49.716 ng  
RT: 8.263 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 127835 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 49.6  | 74.4   |
| 227      | 63.5  | 50.7  | 76.1   |

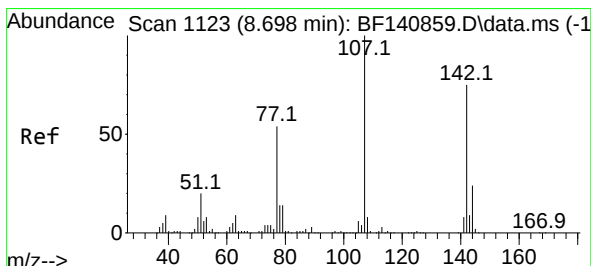
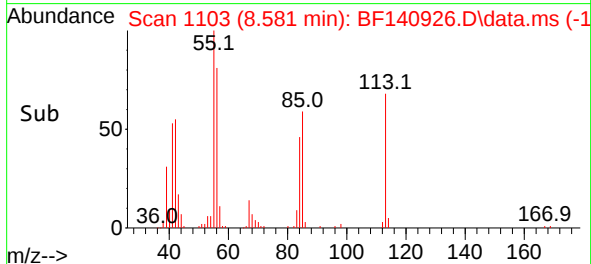
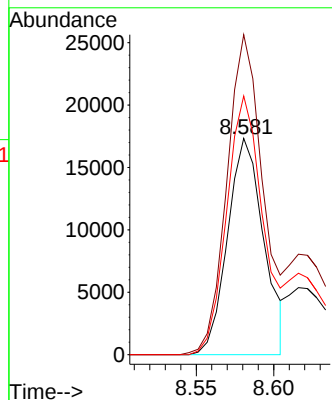
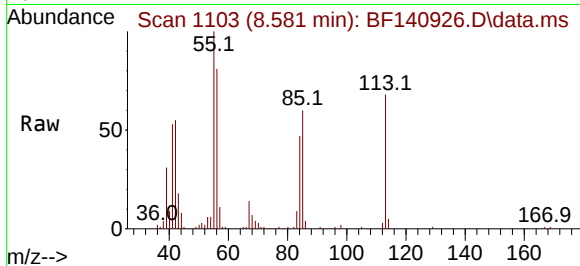




#35  
Caprolactam  
Concen: 28.338 ng  
RT: 8.581 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

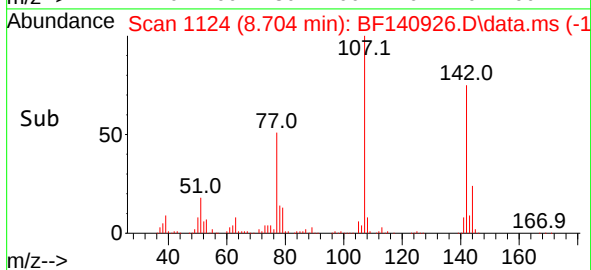
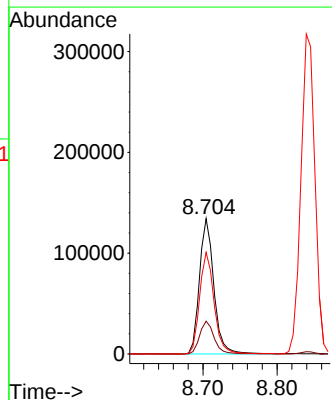
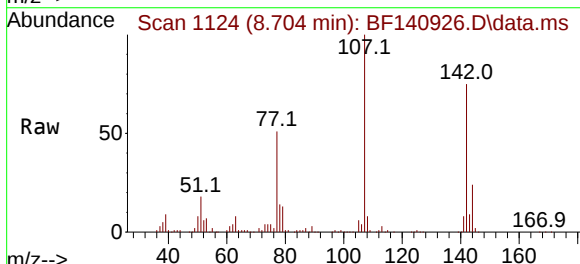
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

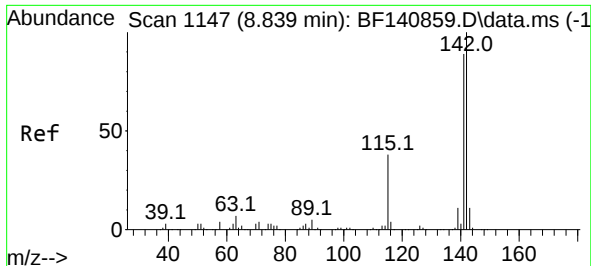
Tgt Ion:113 Resp: 28126  
Ion Ratio Lower Upper  
113 100  
55 148.0 132.3 172.3  
56 119.7 100.3 140.3



#36  
4-Chloro-3-methylphenol  
Concen: 48.321 ng  
RT: 8.704 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:107 Resp: 181314  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.4 29.2  
142 75.0 60.3 90.5





#37

2-Methylnaphthalene

Concen: 52.058 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

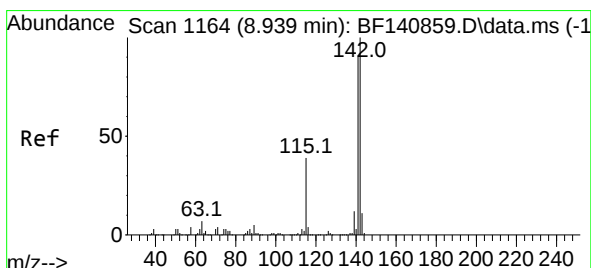
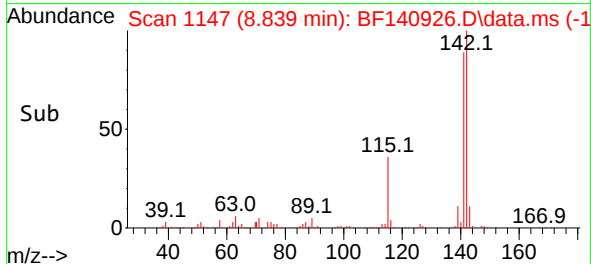
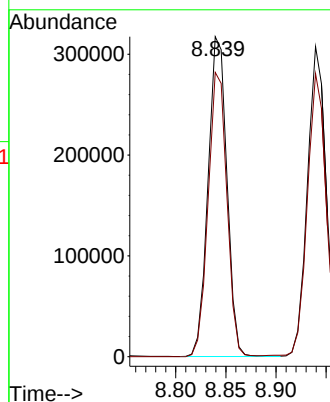
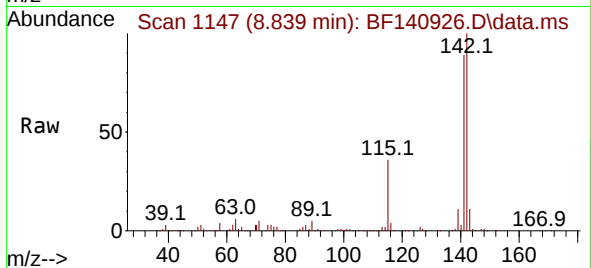
WC-20241213MS

Tgt Ion:142 Resp: 414742

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.708 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140926.D

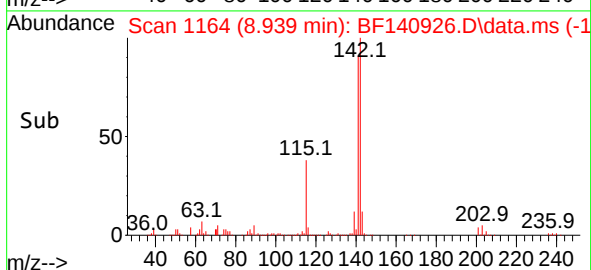
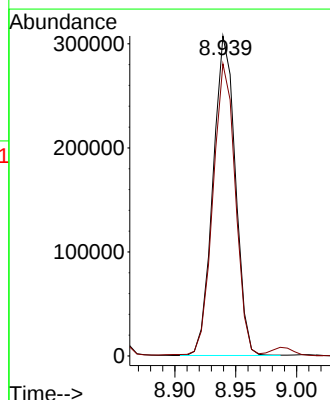
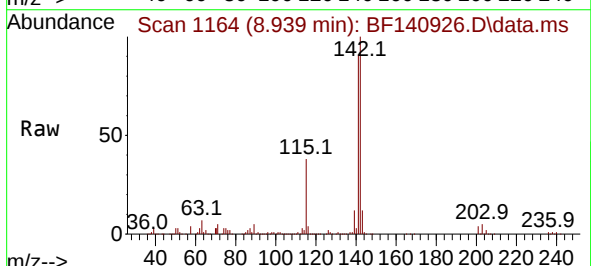
Acq: 19 Dec 2024 15:13

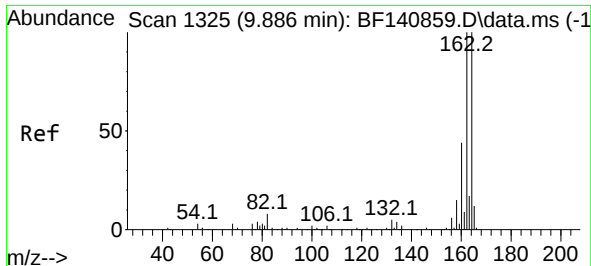
Tgt Ion:142 Resp: 391651

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0

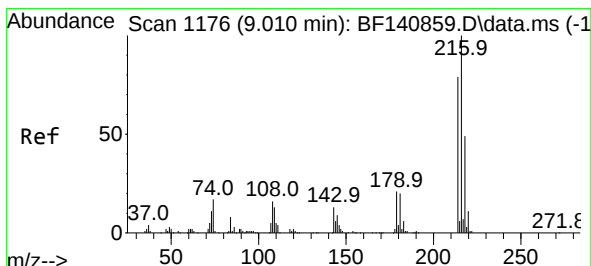
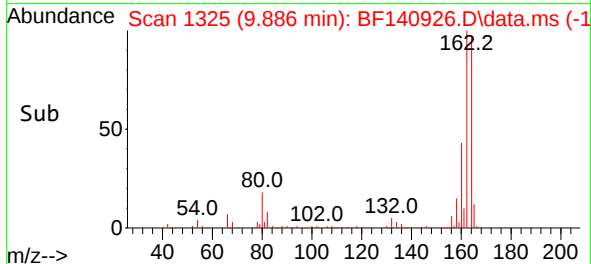
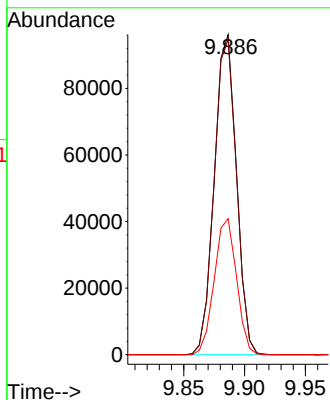
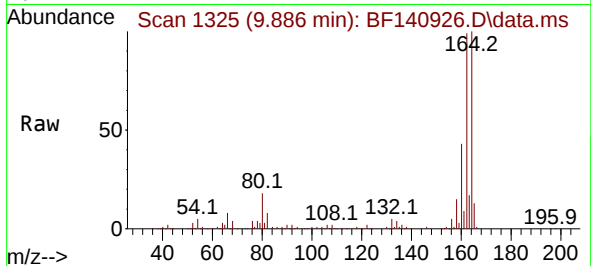




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

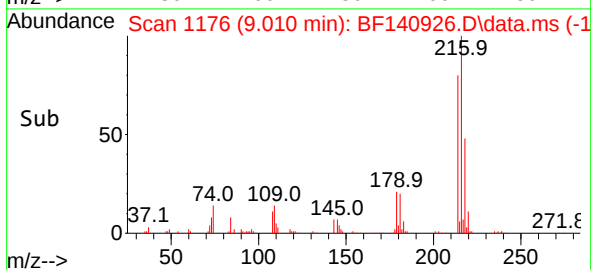
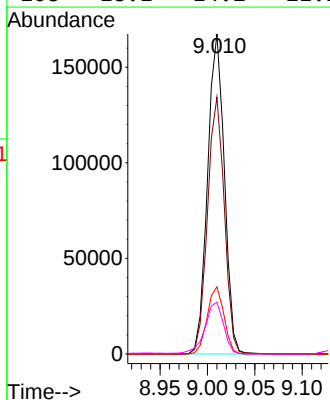
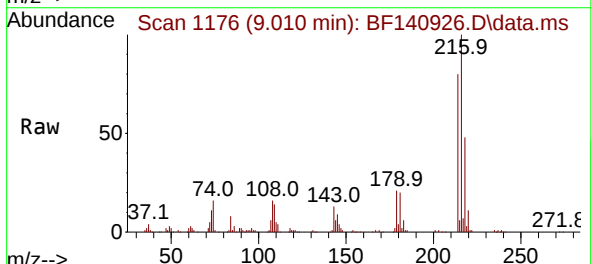
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

Tgt Ion:164 Resp: 121709  
Ion Ratio Lower Upper  
164 100  
162 98.5 79.9 119.9  
160 42.5 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 55.060 ng  
RT: 9.010 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:216 Resp: 205974  
Ion Ratio Lower Upper  
216 100  
214 80.0 63.6 95.4  
179 20.9 17.0 25.4  
108 18.1 14.2 21.2

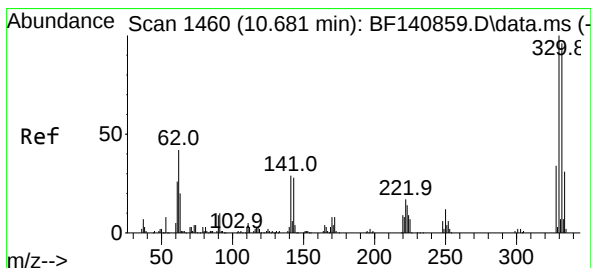
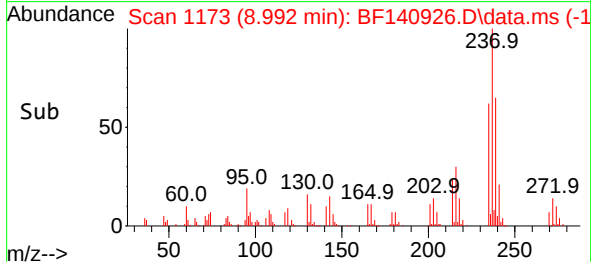
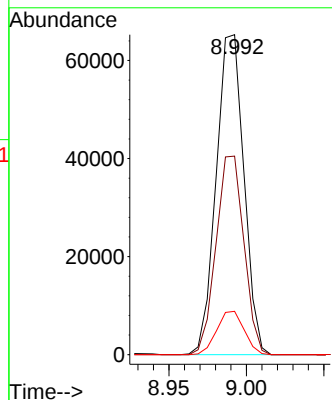
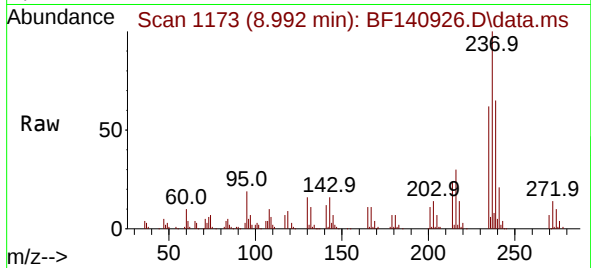




#41  
Hexachlorocyclopentadiene  
Concen: 67.749 ng  
RT: 8.992 min Scan# 1172  
Delta R.T. 0.005 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

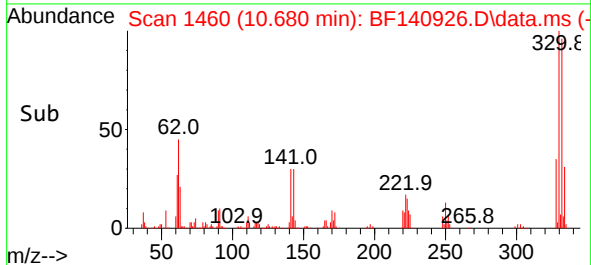
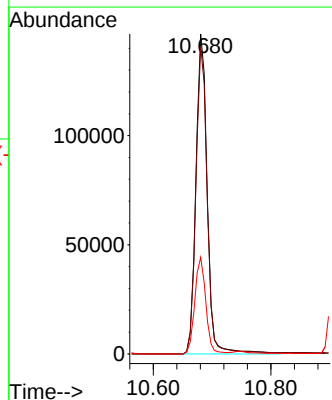
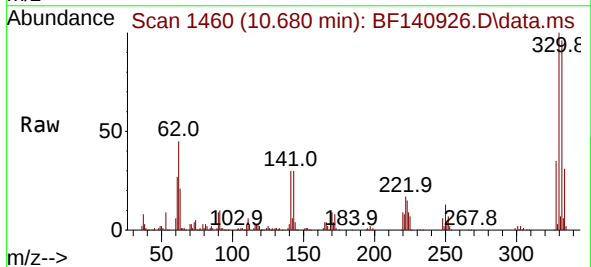
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

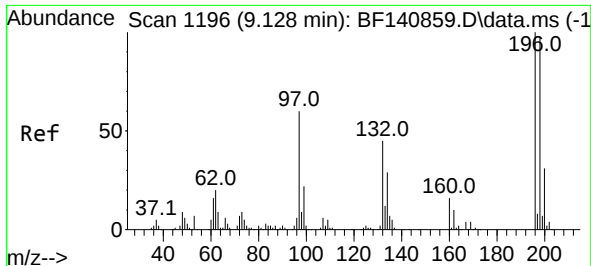
Tgt Ion:237 Resp: 81364  
Ion Ratio Lower Upper  
237 100  
235 62.1 43.7 83.7  
272 13.6 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 136.448 ng  
RT: 10.680 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:330 Resp: 196413  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.2 114.4  
141 29.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 52.421 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

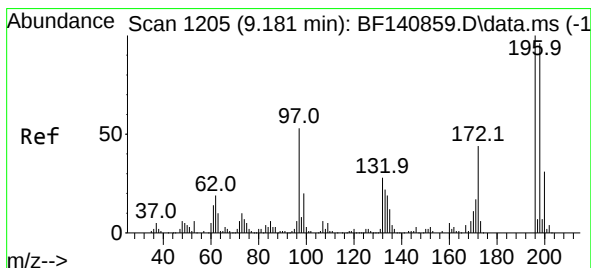
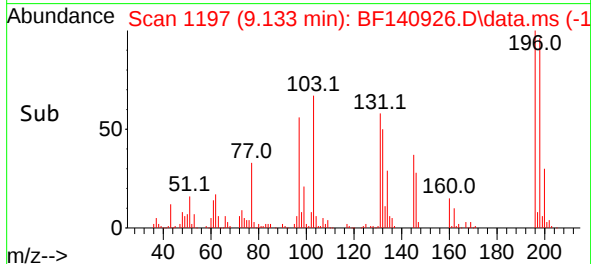
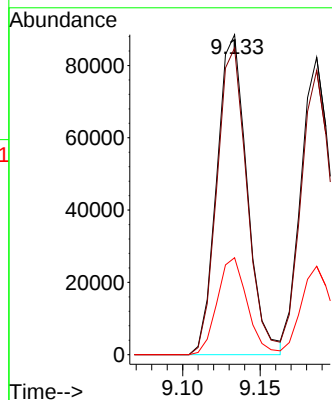
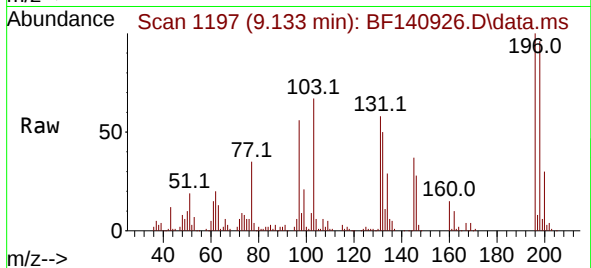
Tgt Ion:196 Resp: 120077

Ion Ratio Lower Upper

196 100

198 95.9 77.4 116.0

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 49.169 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Tgt Ion:196 Resp: 123793

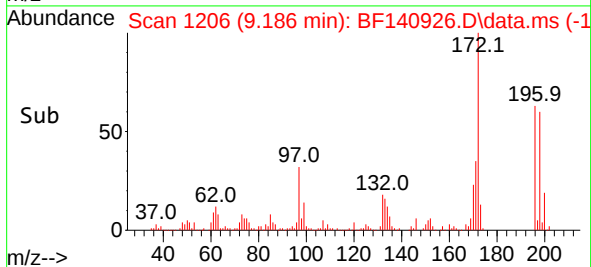
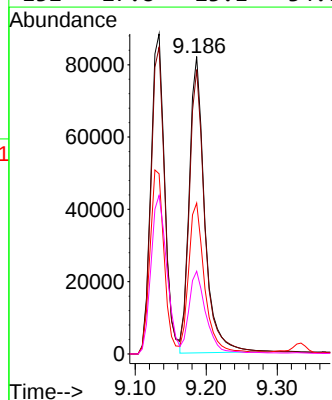
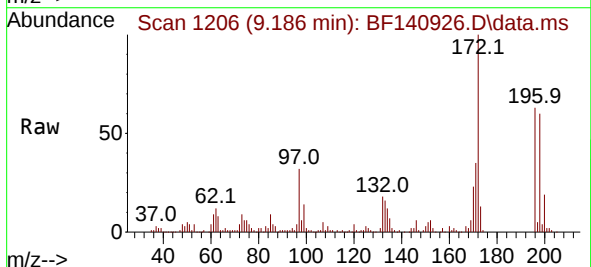
Ion Ratio Lower Upper

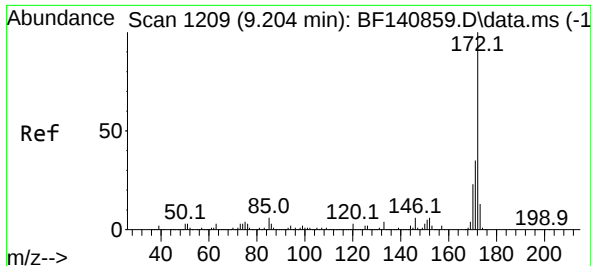
196 100

198 95.6 77.2 115.8

97 50.8 42.2 63.4

132 27.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 103.278 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

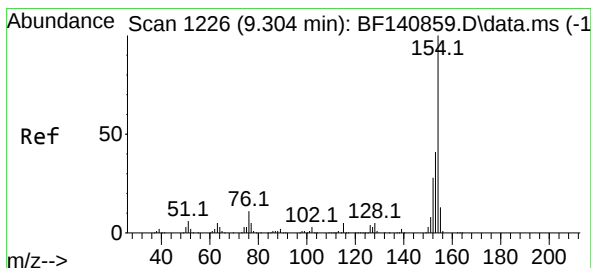
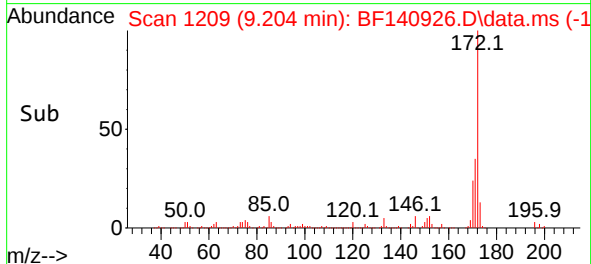
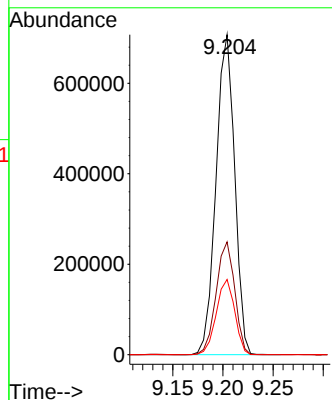
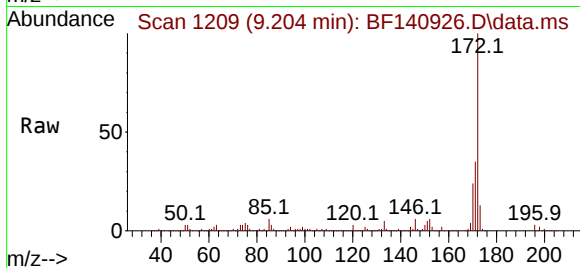
Tgt Ion:172 Resp: 914273

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.652 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

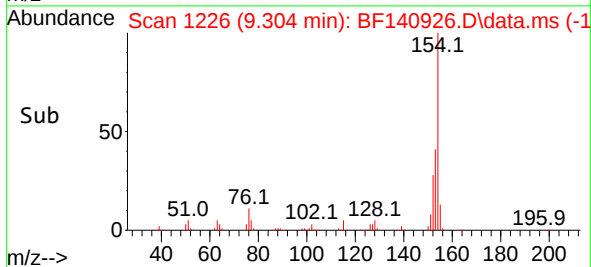
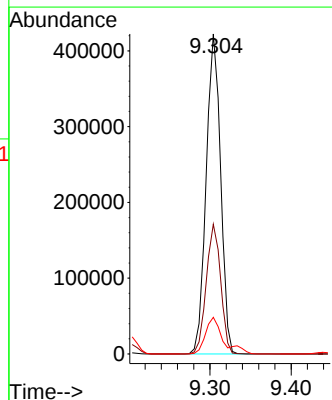
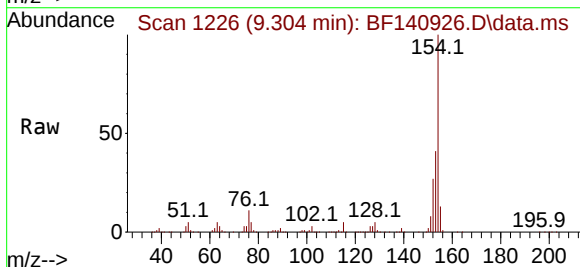
Tgt Ion:154 Resp: 519251

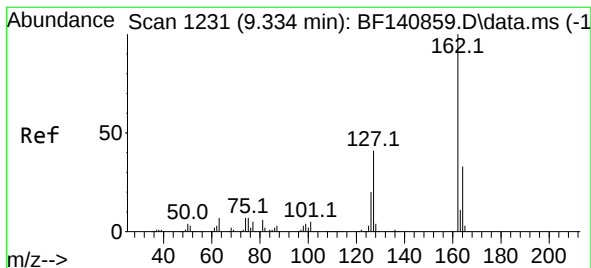
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.837 ng

RT: 9.334 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

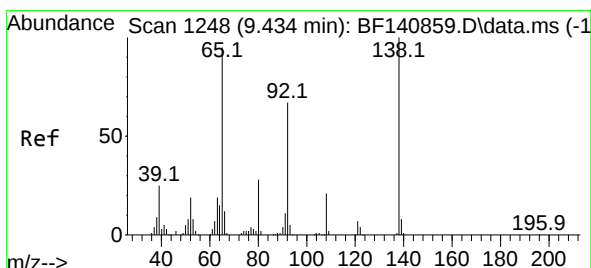
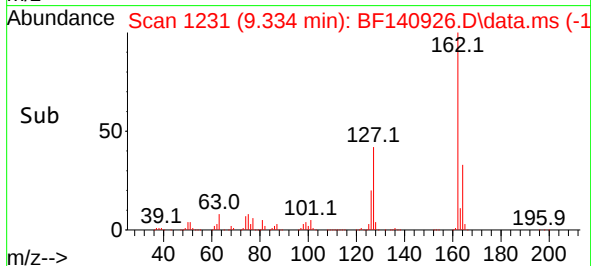
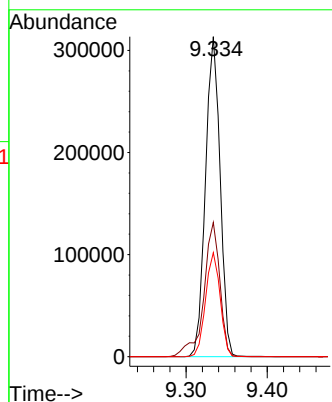
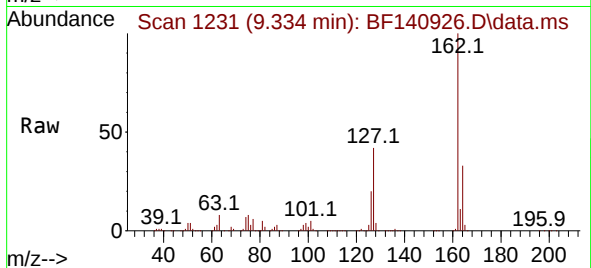
Tgt Ion:162 Resp: 391202

Ion Ratio Lower Upper

162 100

127 42.0 33.5 50.3

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 47.261 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

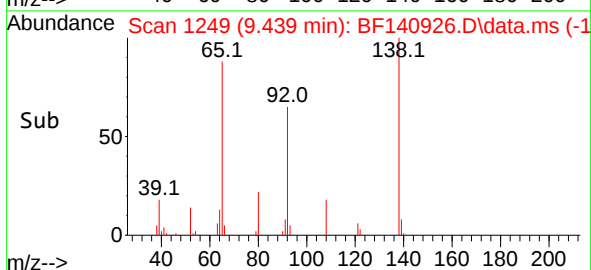
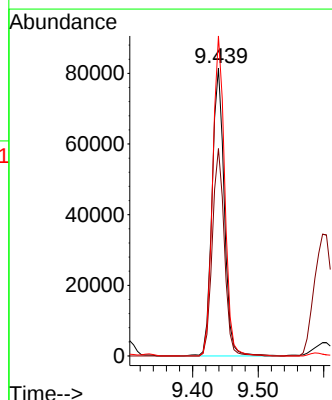
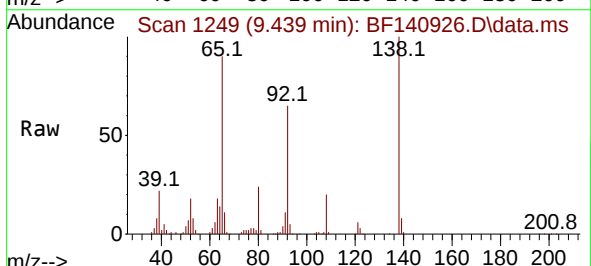
Tgt Ion: 65 Resp: 105679

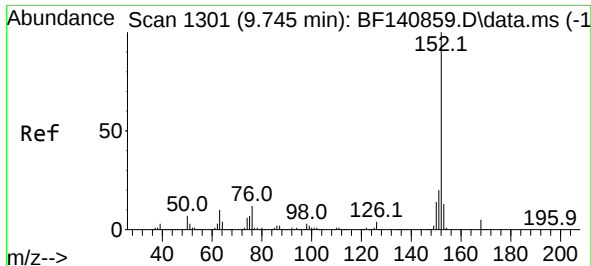
Ion Ratio Lower Upper

65 100

92 72.0 56.3 84.5

138 111.2 83.8 125.6

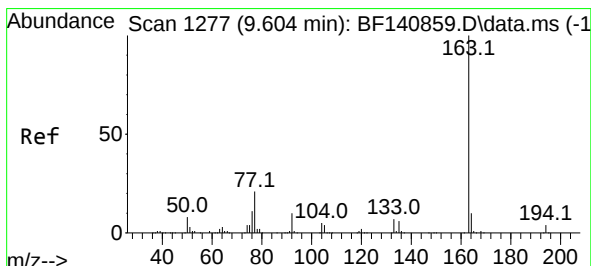
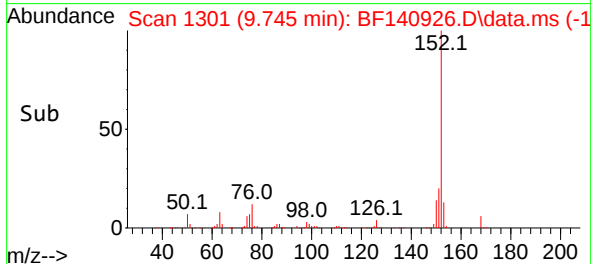
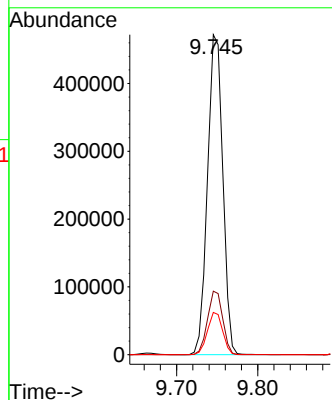
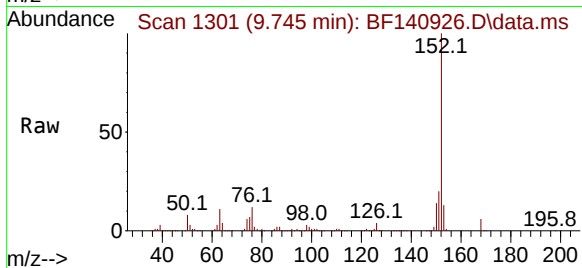




#49  
Acenaphthylene  
Concen: 56.627 ng  
RT: 9.745 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

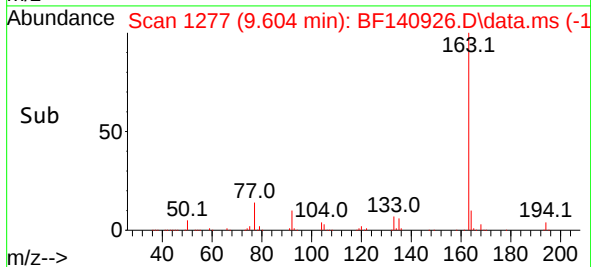
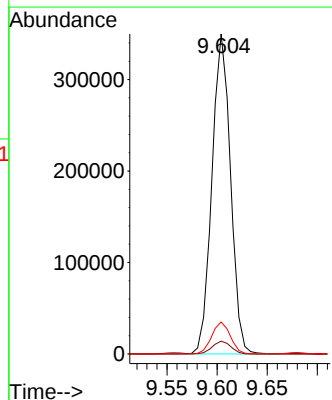
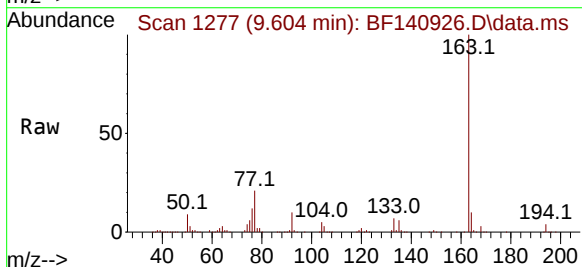
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

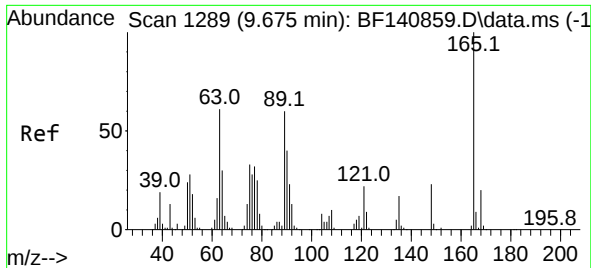
Tgt Ion:152 Resp: 616133  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 13.2 10.6 16.0



#50  
Dimethylphthalate  
Concen: 52.562 ng  
RT: 9.604 min Scan# 1277  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:163 Resp: 451022  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.0 8.1 12.1

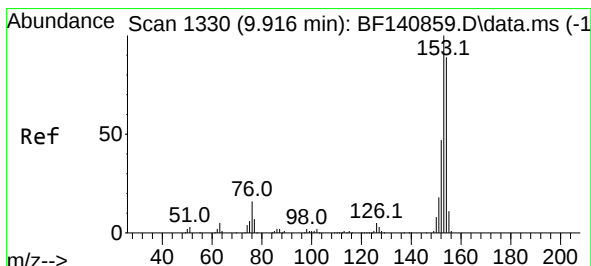
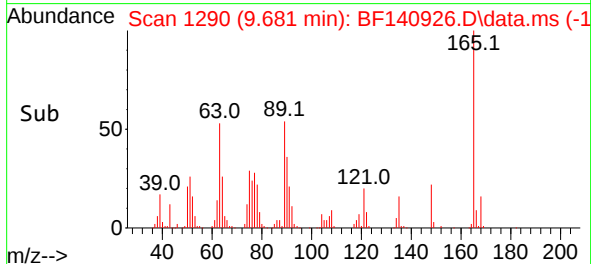
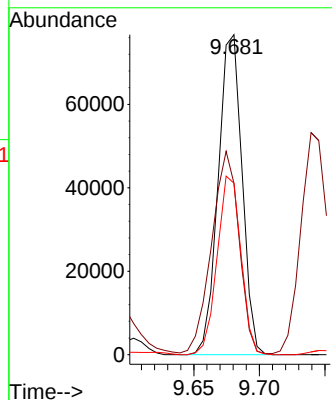
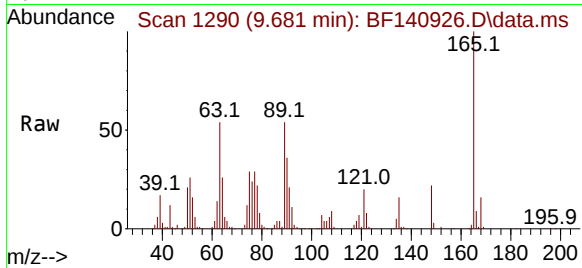




#51  
2,6-Dinitrotoluene  
Concen: 49.531 ng  
RT: 9.681 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

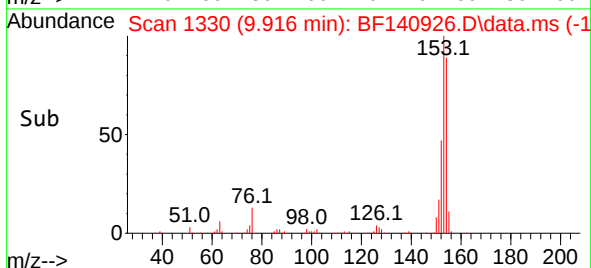
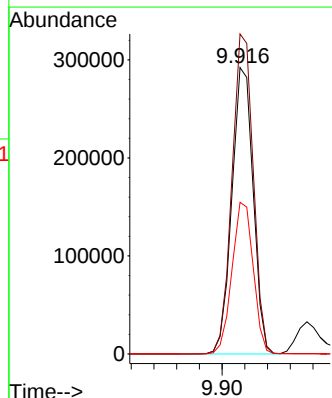
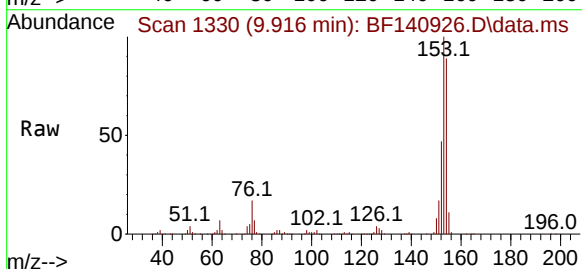
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

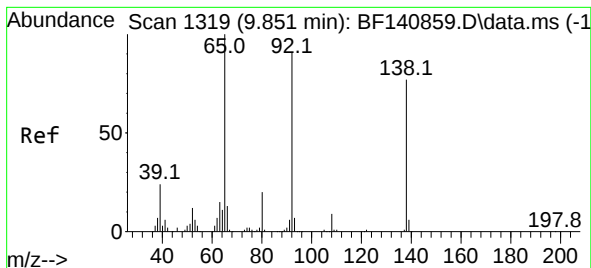
Tgt Ion:165 Resp: 97163  
Ion Ratio Lower Upper  
165 100  
63 53.5 49.7 74.5  
89 53.6 48.2 72.4



#52  
Acenaphthene  
Concen: 54.649 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:154 Resp: 379823  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.9 134.9  
152 53.0 42.6 63.8





#53

3-Nitroaniline

Concen: 8.247 ng

RT: 9.857 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

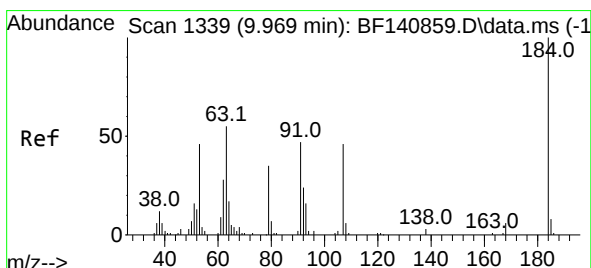
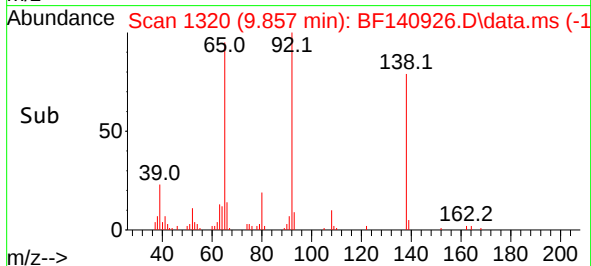
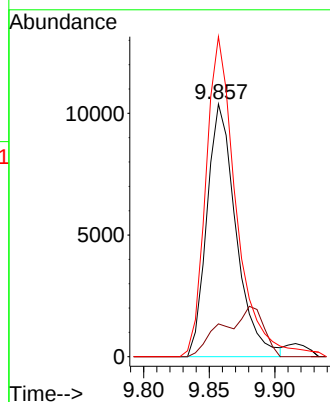
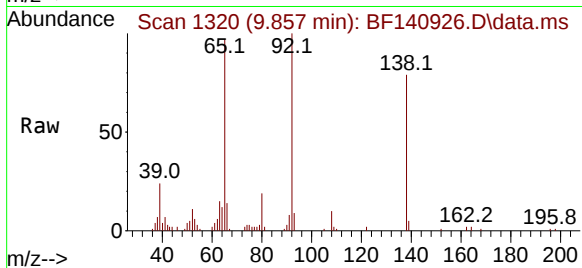
Tgt Ion:138 Resp: 16054

Ion Ratio Lower Upper

138 100

108 13.0 9.0 13.4

92 126.7 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 88.211 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

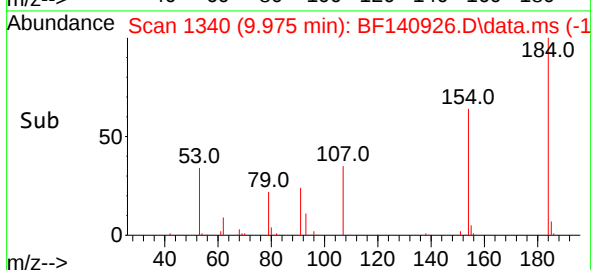
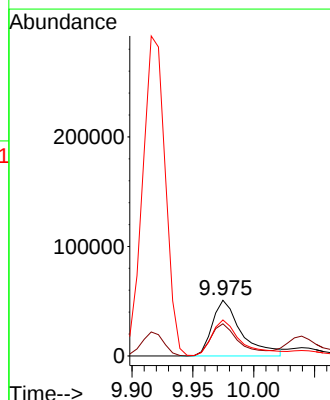
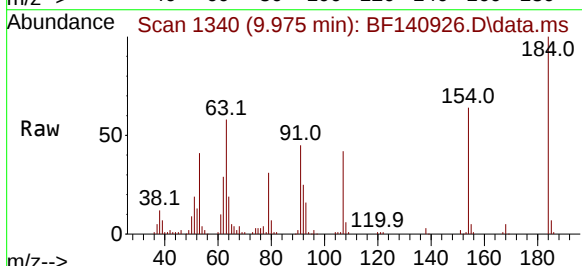
Tgt Ion:184 Resp: 85129

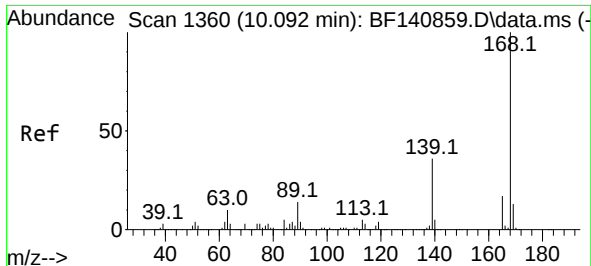
Ion Ratio Lower Upper

184 100

63 57.8 51.6 77.4

154 64.5 56.1 84.1

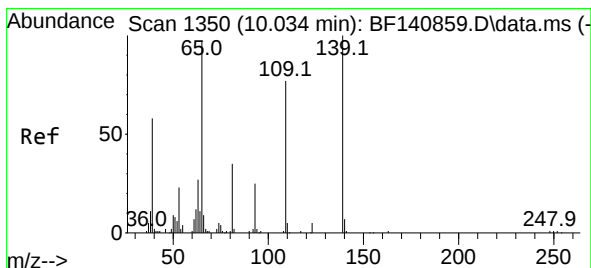
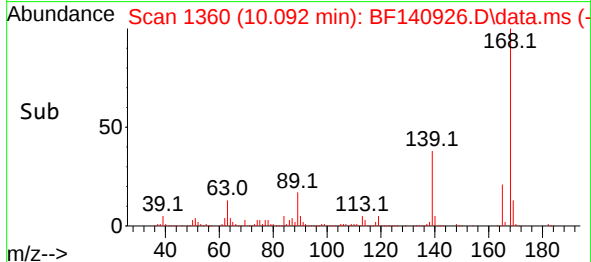
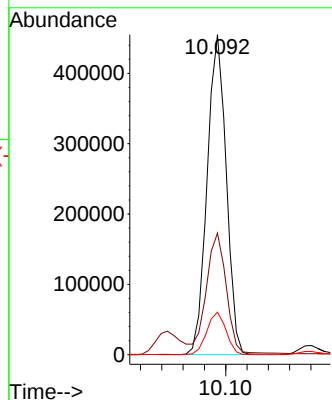
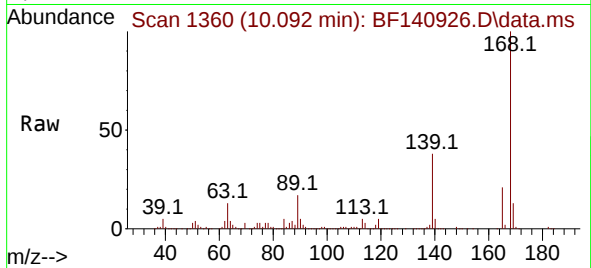




#55  
Dibenzofuran  
Concen: 52.490 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

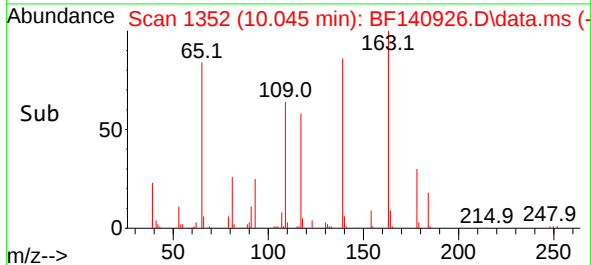
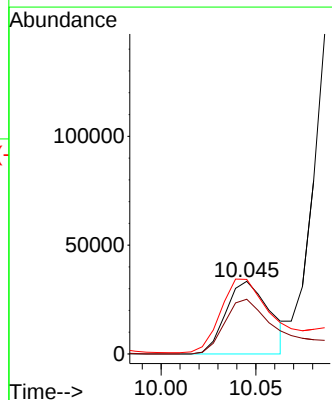
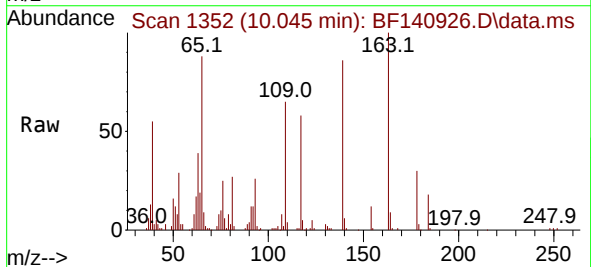
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

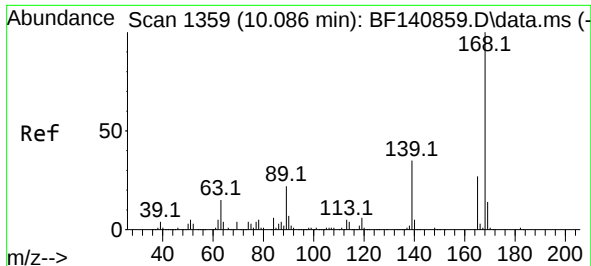
Tgt Ion:168 Resp: 565314  
Ion Ratio Lower Upper  
168 100  
139 38.0 31.1 46.7  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 52.384 ng  
RT: 10.045 min Scan# 1352  
Delta R.T. 0.011 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:139 Resp: 53154  
Ion Ratio Lower Upper  
139 100  
109 75.3 56.7 96.7  
65 102.7 78.1 118.1

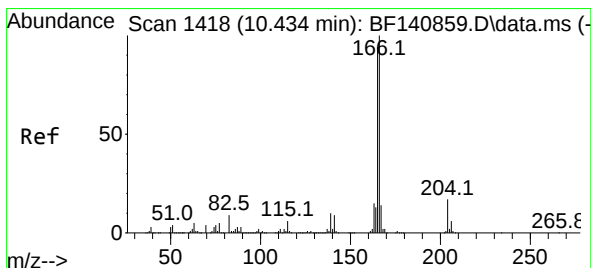
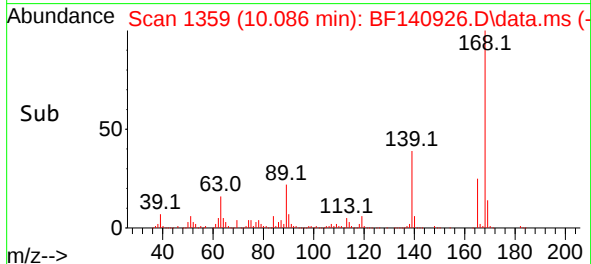
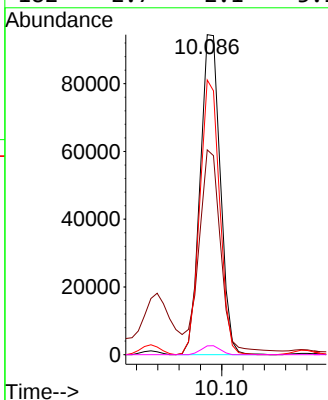
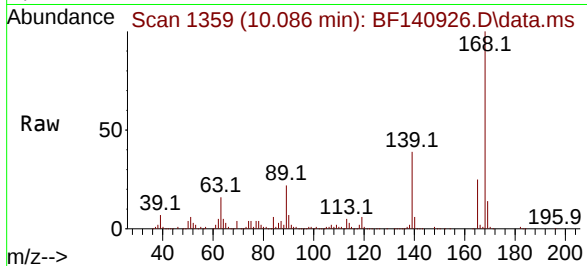




#57  
2,4-Dinitrotoluene  
Concen: 48.063 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

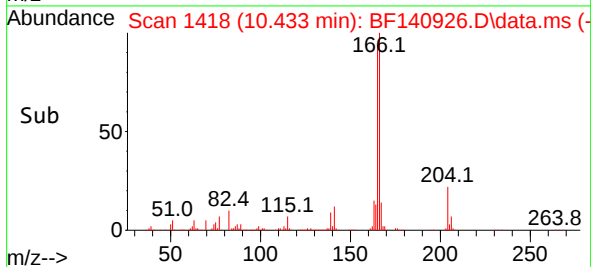
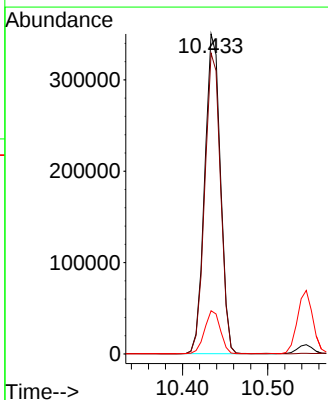
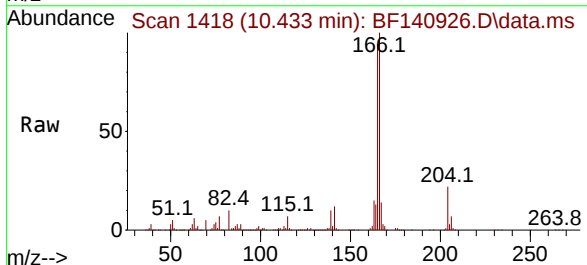
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

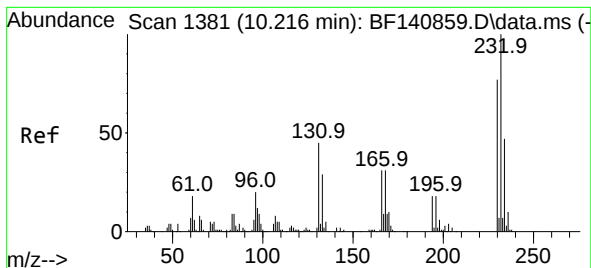
Tgt Ion:165 Resp: 124049  
Ion Ratio Lower Upper  
165 100  
63 64.0 49.3 73.9  
89 85.8 66.2 99.4  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 50.382 ng  
RT: 10.433 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:166 Resp: 447643  
Ion Ratio Lower Upper  
166 100  
165 94.0 75.1 112.7  
167 13.5 11.1 16.7

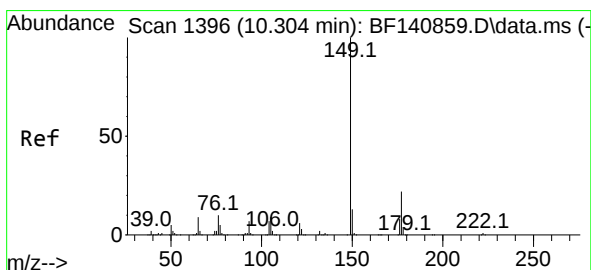
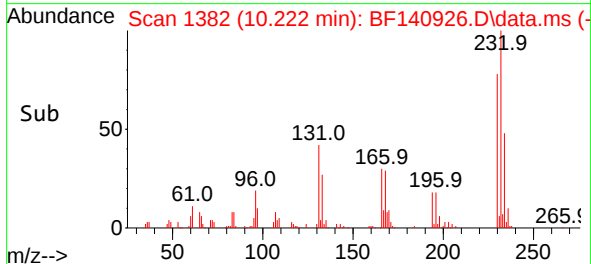
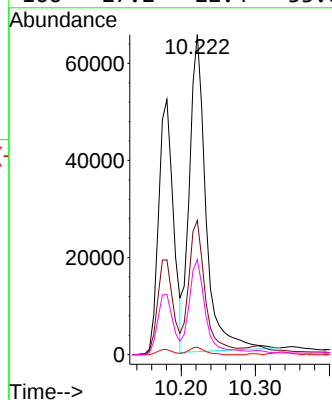
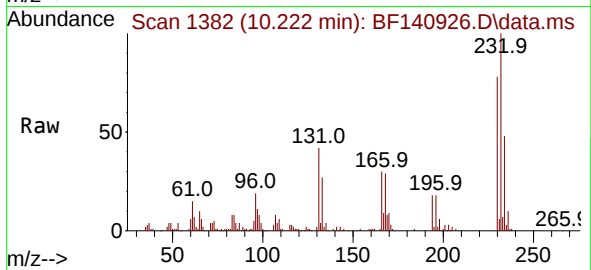




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.438 ng  
RT: 10.222 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

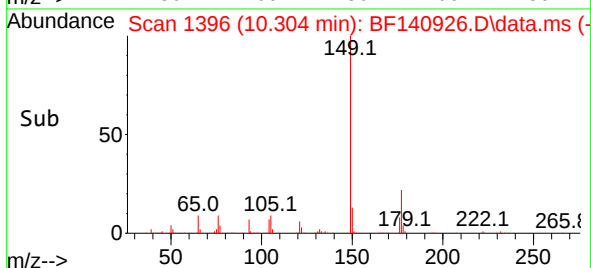
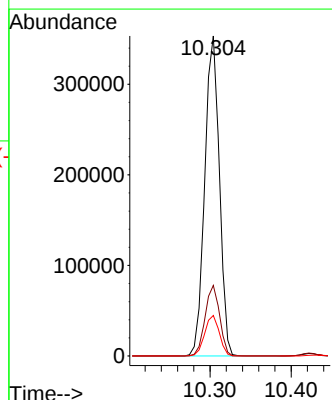
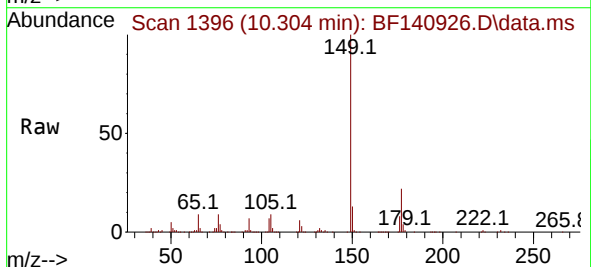
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

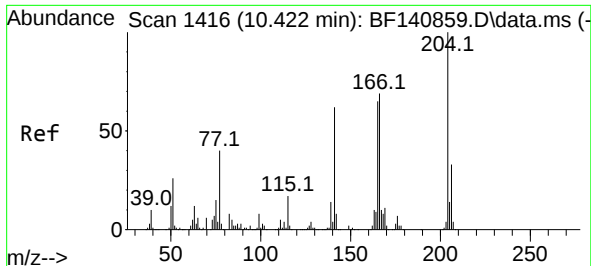
Tgt Ion:232 Resp: 101425  
Ion Ratio Lower Upper  
232 100  
131 42.2 35.1 52.7  
130 2.4 1.8 2.8  
166 27.2 22.4 33.6



#60  
Diethylphthalate  
Concen: 49.610 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:149 Resp: 441425  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.2 25.8  
150 12.7 10.1 15.1

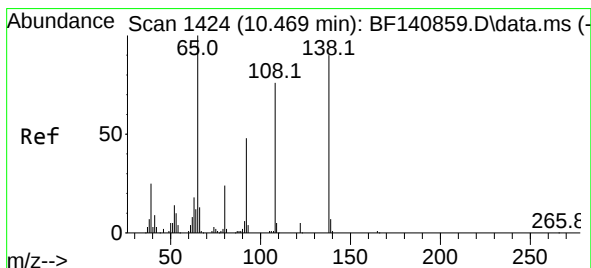
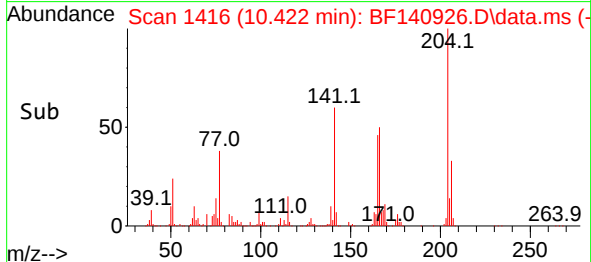
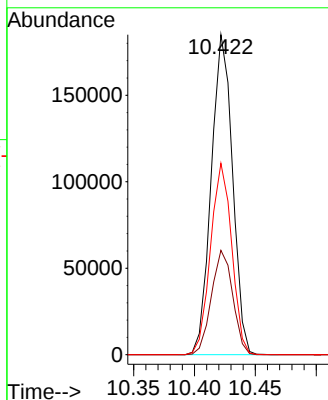
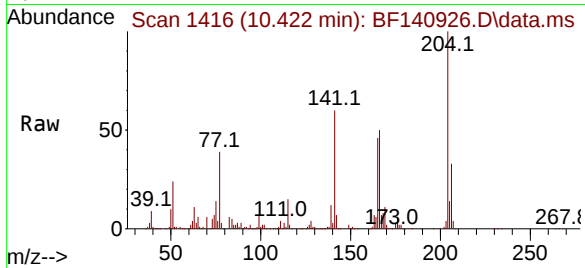




#61  
4-Chlorophenyl-phenylether  
Concen: 50.500 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

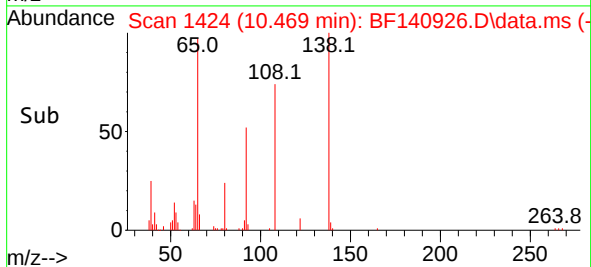
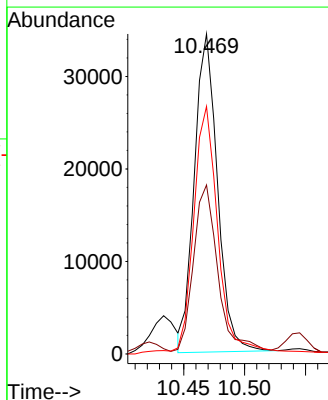
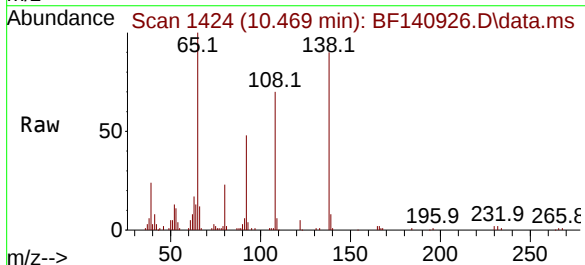
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

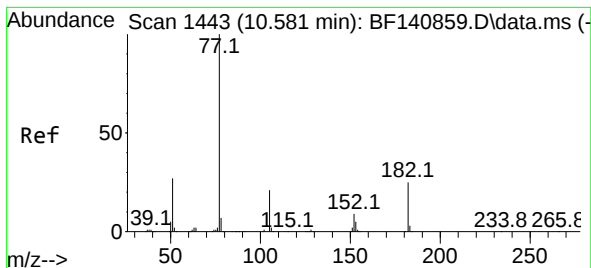
Tgt Ion:204 Resp: 225387  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 59.8 50.0 75.0



#62  
4-Nitroaniline  
Concen: 22.325 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:138 Resp: 45416  
Ion Ratio Lower Upper  
138 100  
92 52.8 32.6 72.6  
108 77.3 64.1 104.1





#63

Azobenzene

Concen: 44.726 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

Tgt Ion: 77 Resp: 374141

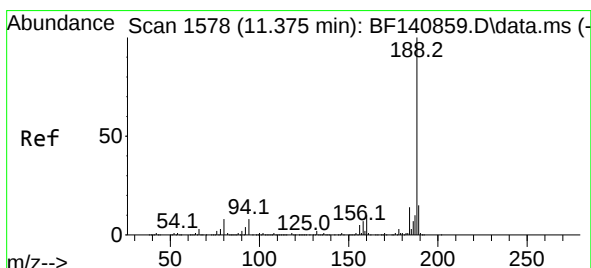
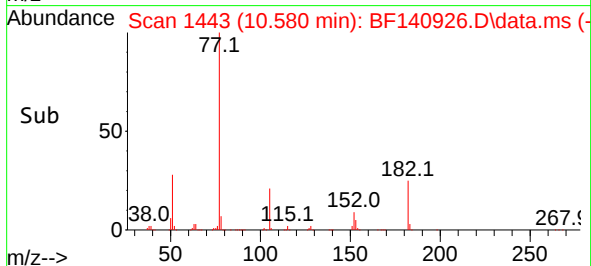
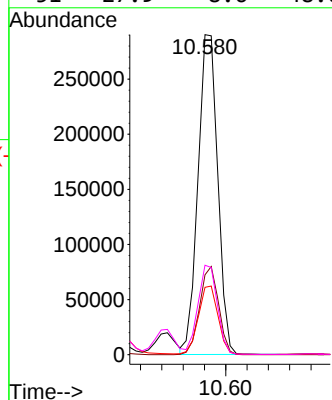
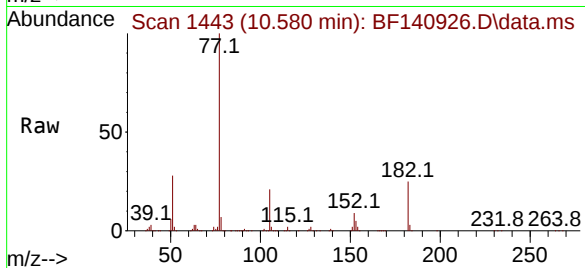
Ion Ratio Lower Upper

77 100

182 24.9 4.5 44.5

105 21.0 0.9 40.9

51 27.9 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

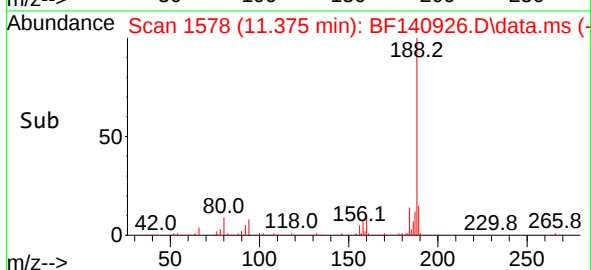
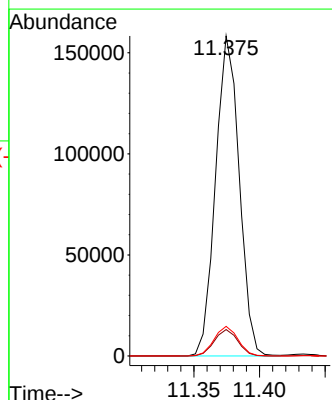
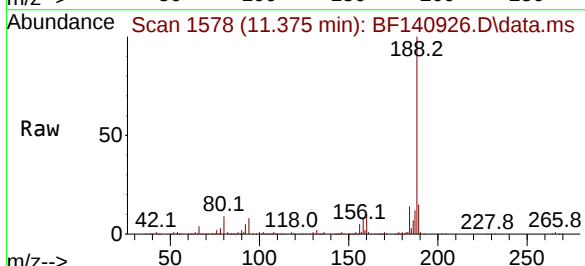
Tgt Ion: 188 Resp: 198273

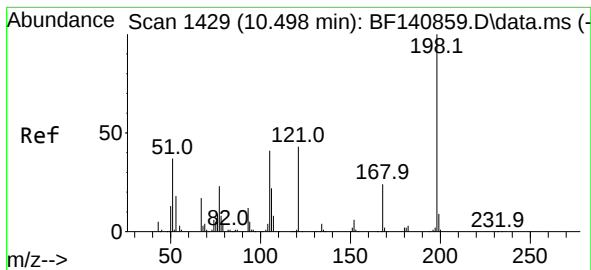
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.2 6.8 10.2

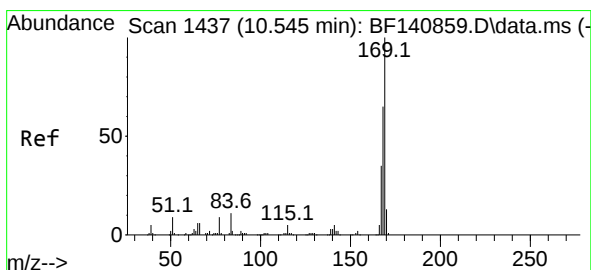
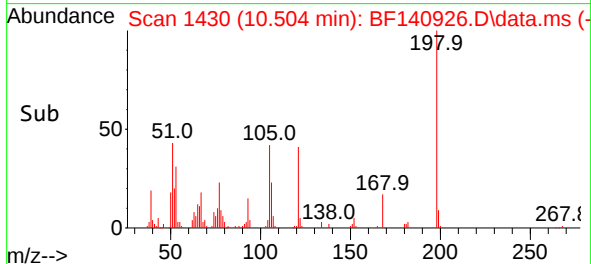
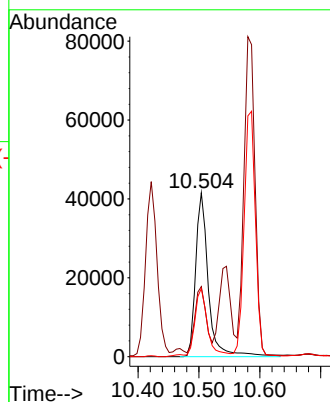
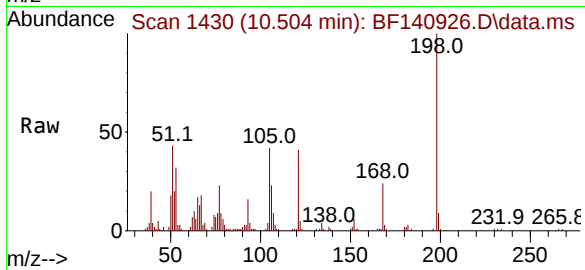




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.684 ng  
RT: 10.504 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

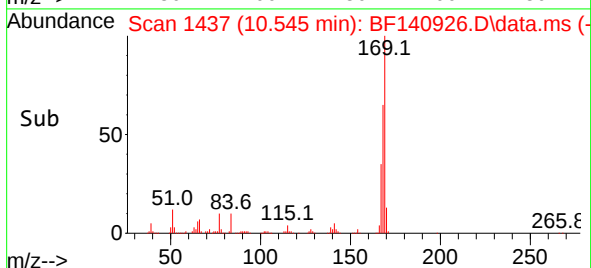
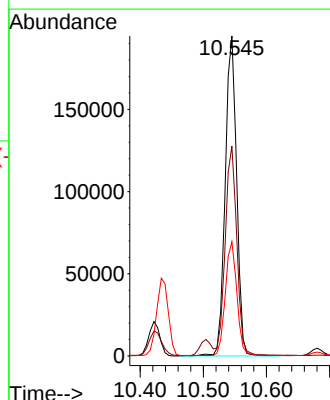
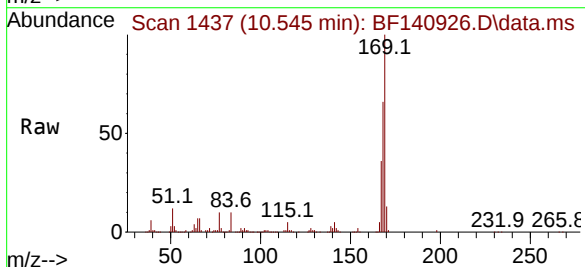
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

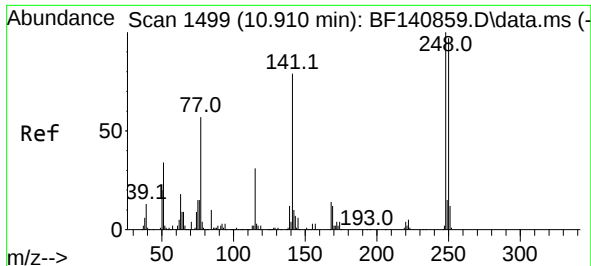
Tgt Ion:198 Resp: 60315  
Ion Ratio Lower Upper  
198 100  
51 42.8 24.4 64.4  
105 41.6 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 40.096 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:169 Resp: 244428  
Ion Ratio Lower Upper  
169 100  
168 65.6 53.4 80.0  
167 35.7 28.3 42.5

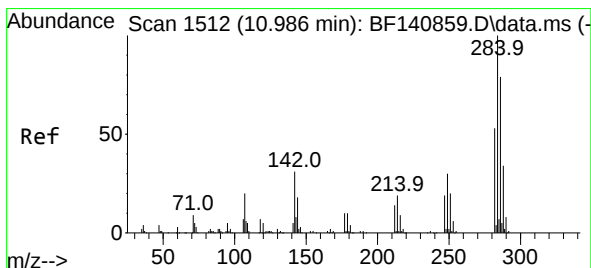
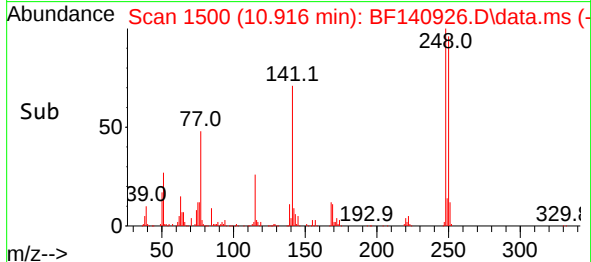
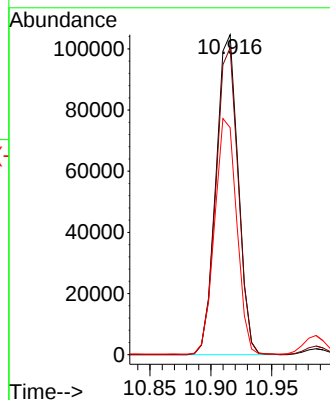
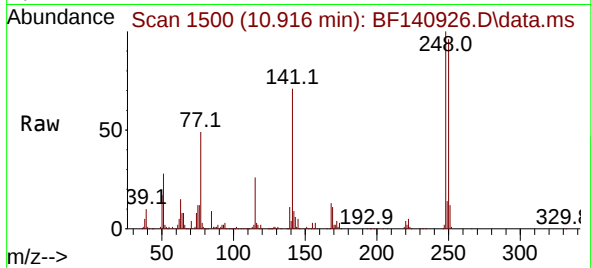




#67  
4-Bromophenyl-phenylether  
Concen: 59.838 ng  
RT: 10.916 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

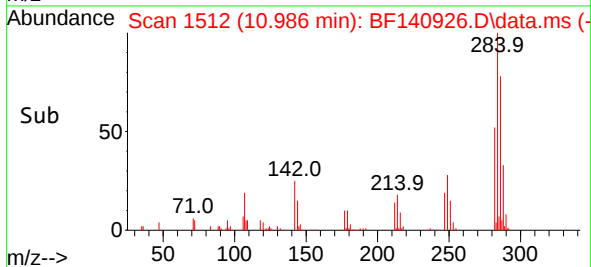
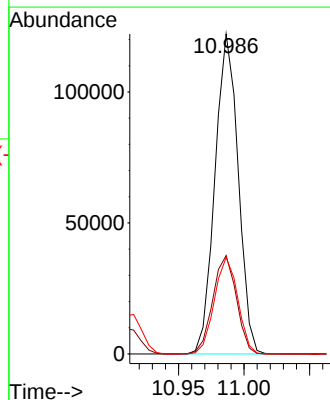
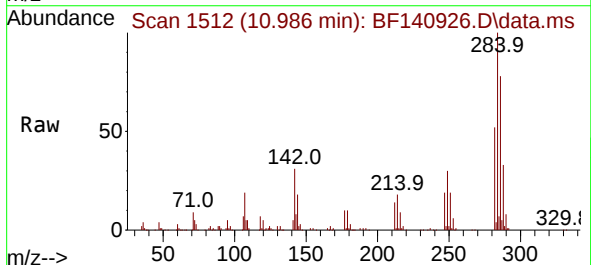
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

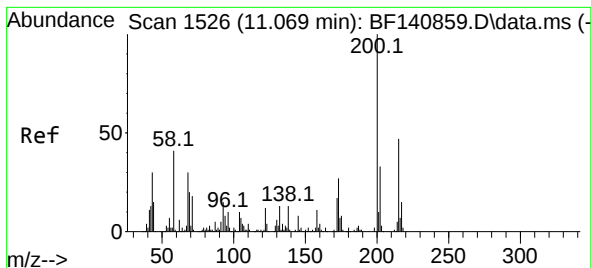
Tgt Ion:248 Resp: 132729  
Ion Ratio Lower Upper  
248 100  
250 95.9 77.4 116.2  
141 70.9 62.9 94.3



#68  
Hexachlorobenzene  
Concen: 59.736 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:284 Resp: 150230  
Ion Ratio Lower Upper  
284 100  
142 30.7 24.6 36.8  
249 30.2 24.3 36.5





#69

Atrazine

Concen: 12.105 ng

RT: 11.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

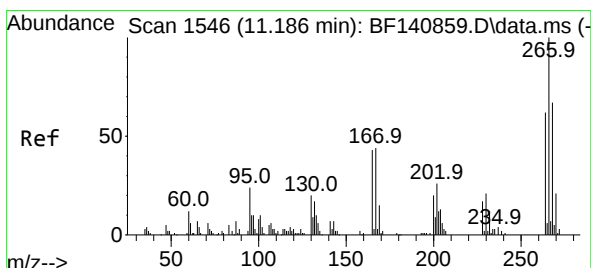
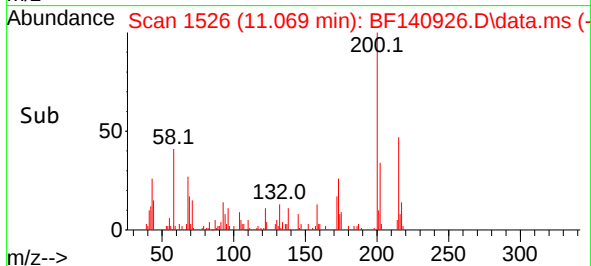
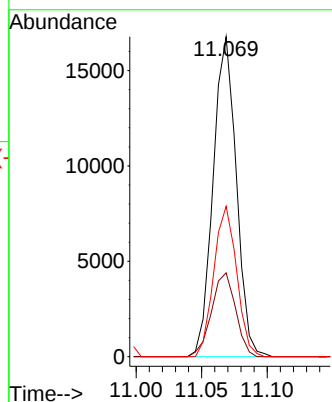
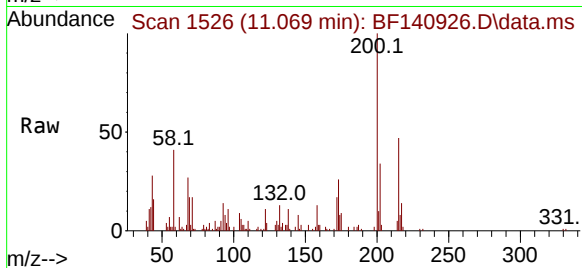
Tgt Ion:200 Resp: 20609

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

215 47.0 26.7 66.7



#70

Pentachlorophenol

Concen: 88.906 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

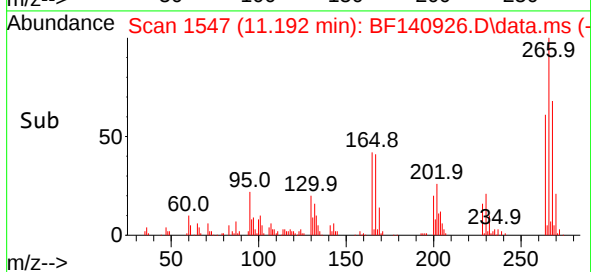
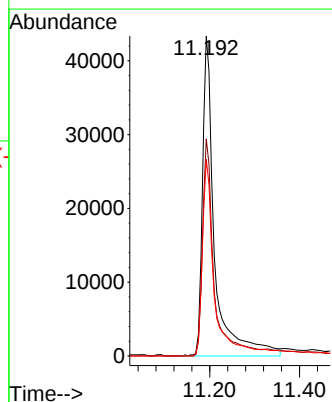
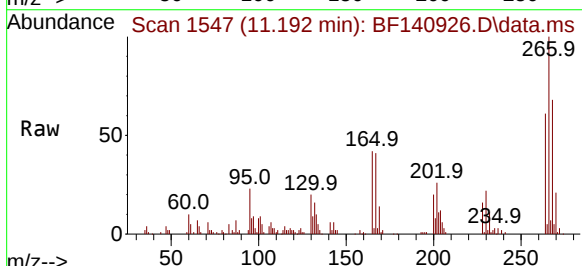
Tgt Ion:266 Resp: 81746

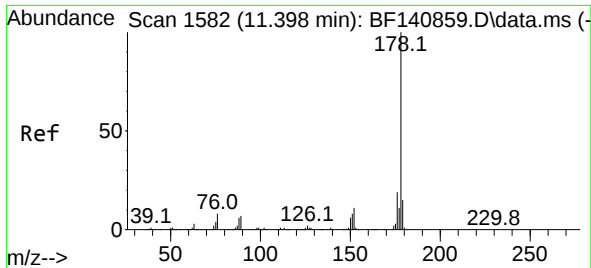
Ion Ratio Lower Upper

266 100

268 67.8 54.0 81.0

264 61.4 49.4 74.2

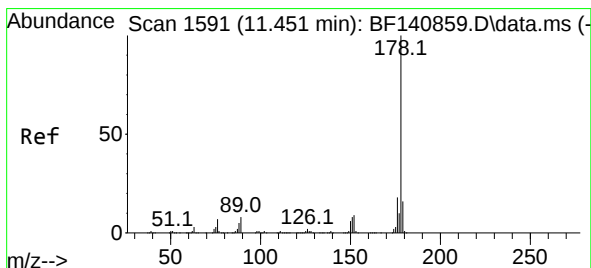
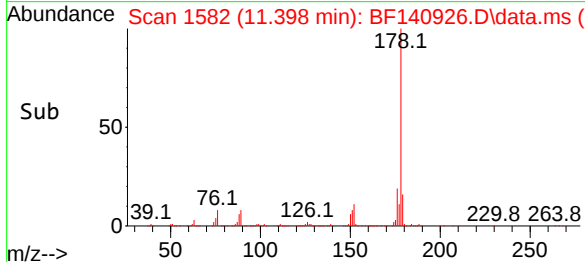
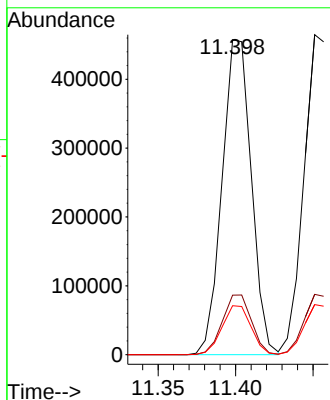
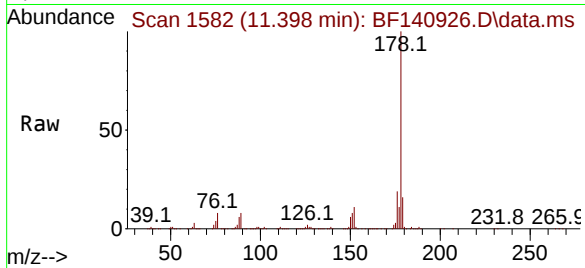




#71  
Phenanthrene  
Concen: 58.894 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

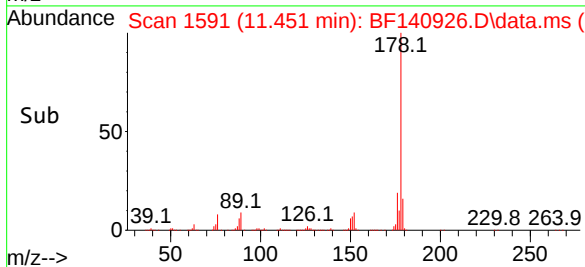
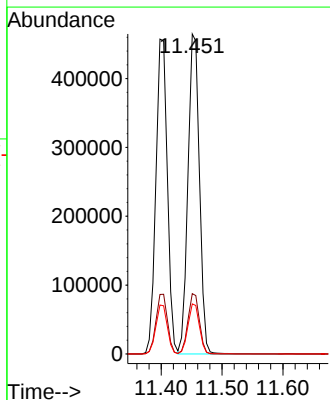
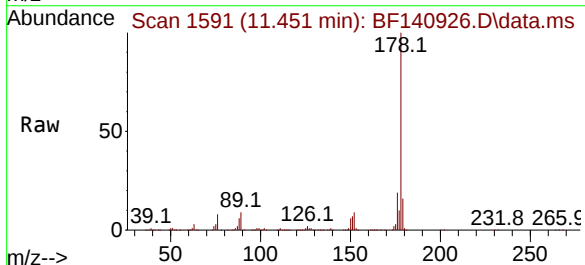
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

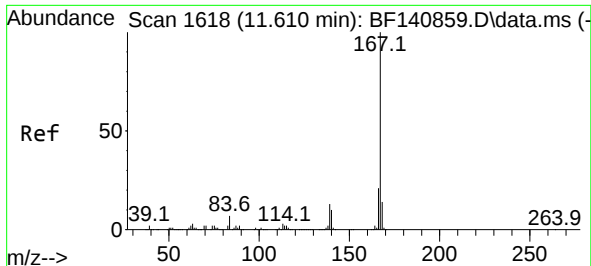
Tgt Ion:178 Resp: 600489  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.6 12.1 18.1



#72  
Anthracene  
Concen: 60.762 ng  
RT: 11.451 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:178 Resp: 610114  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.6 22.0  
179 15.7 12.6 18.8

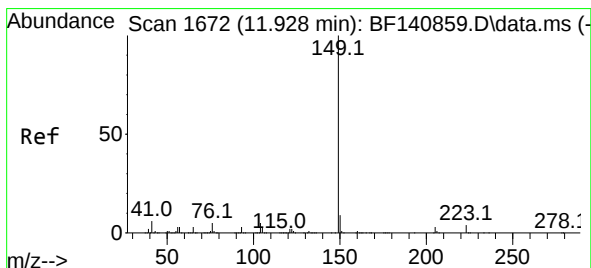
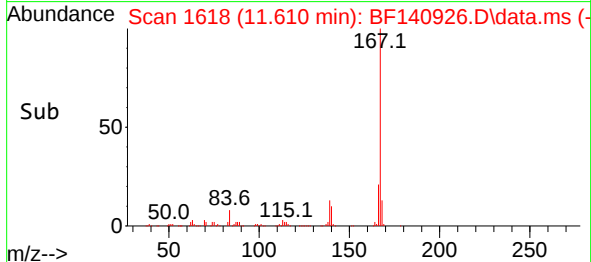
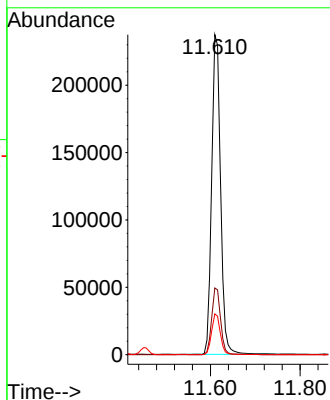
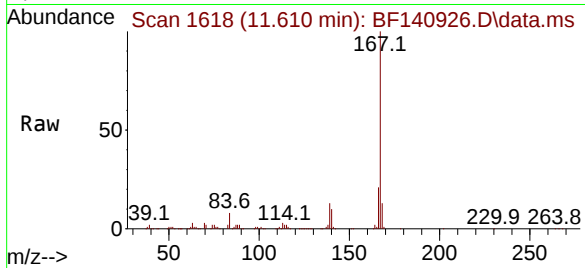




#73  
 Carbazole  
 Concen: 33.266 ng  
 RT: 11.610 min Scan# 1618  
 Delta R.T. -0.000 min  
 Lab File: BF140926.D  
 Acq: 19 Dec 2024 15:13

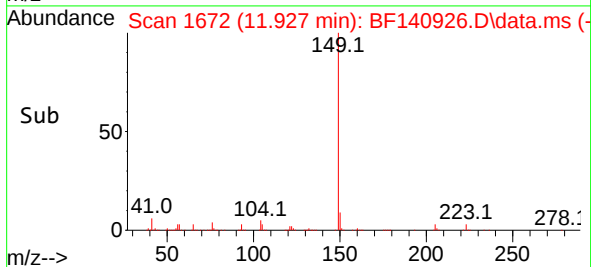
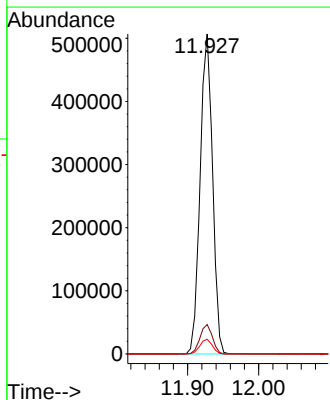
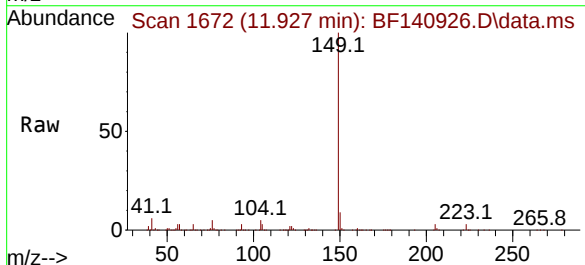
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-20241213MS

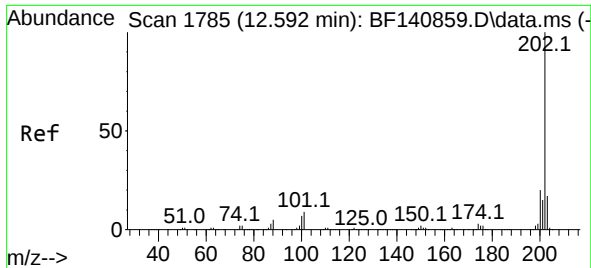
Tgt Ion:167 Resp: 327174  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 17.0 25.6  
 139 12.8 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 53.447 ng  
 RT: 11.927 min Scan# 1672  
 Delta R.T. -0.000 min  
 Lab File: BF140926.D  
 Acq: 19 Dec 2024 15:13

Tgt Ion:149 Resp: 616920  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 4.6 3.8 5.8

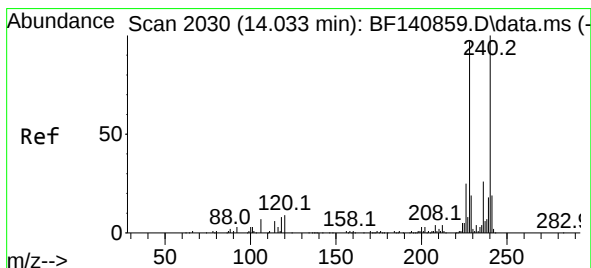
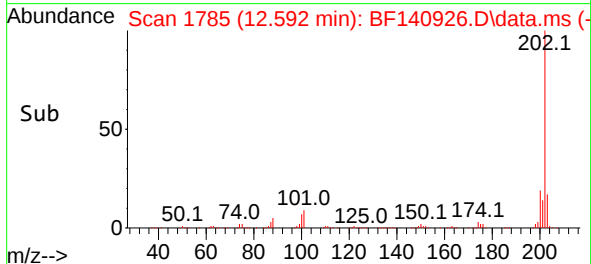
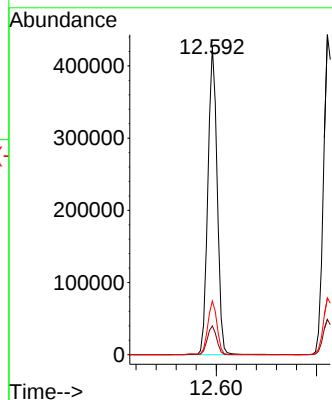
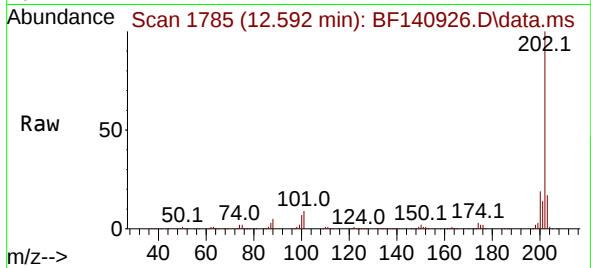




#75  
Fluoranthene  
Concen: 46.727 ng  
RT: 12.592 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

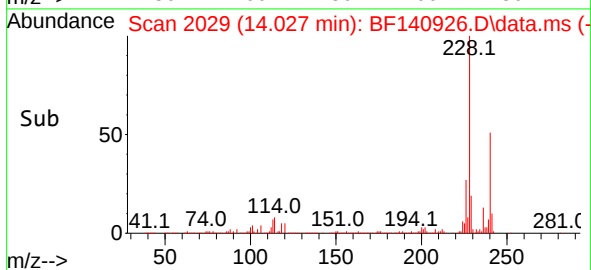
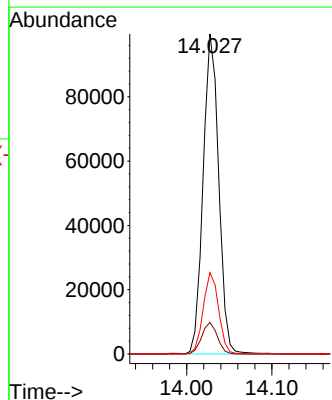
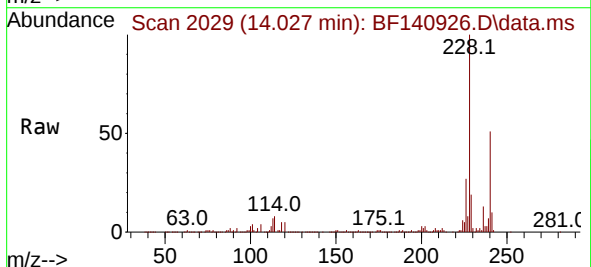
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

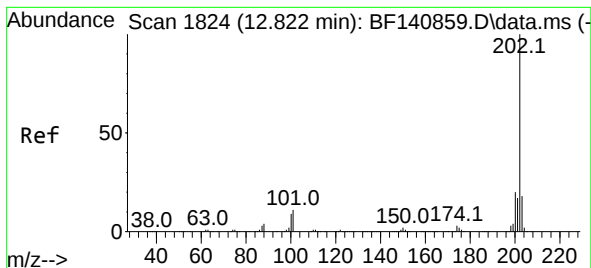
Tgt Ion:202 Resp: 548686  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 29.3  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:240 Resp: 126402  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.6 11.4  
236 25.4 20.5 30.7





#78

Pyrene

Concen: 51.729 ng

RT: 12.822 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

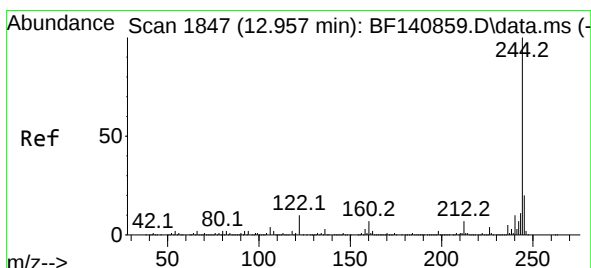
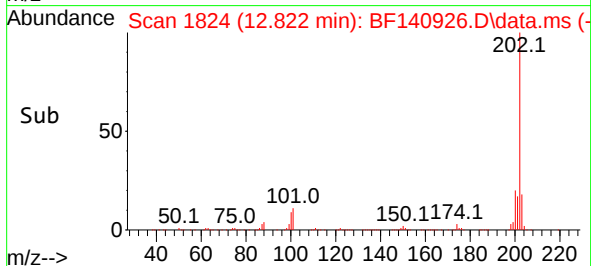
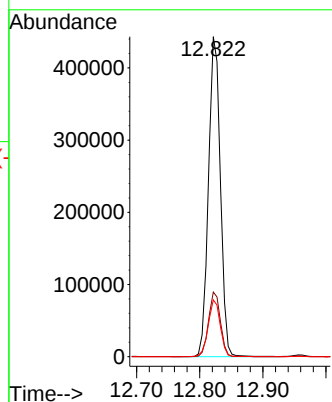
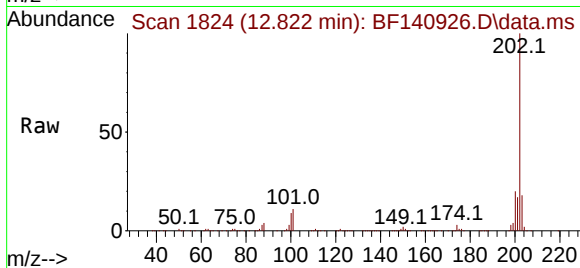
Tgt Ion:202 Resp: 581451

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.8 14.2 21.4



#79

Terphenyl-d14

Concen: 108.333 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

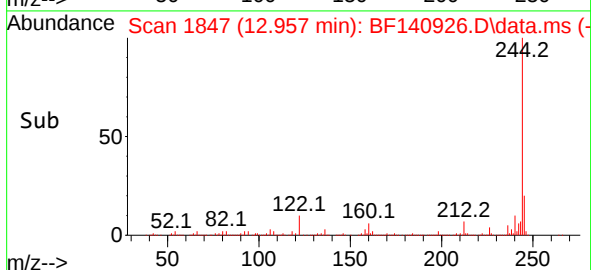
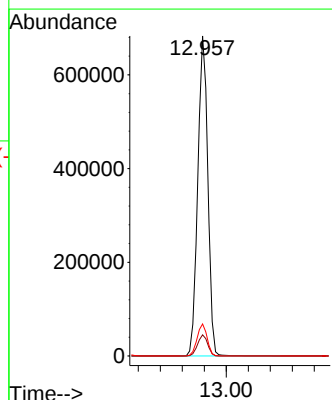
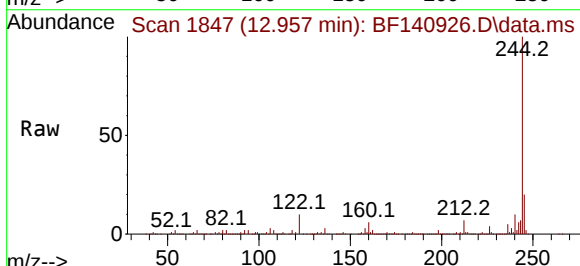
Tgt Ion:244 Resp: 868398

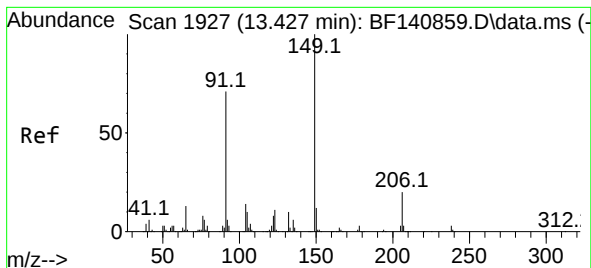
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.0 8.2 12.2





#80

Butylbenzylphthalate

Concen: 53.373 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

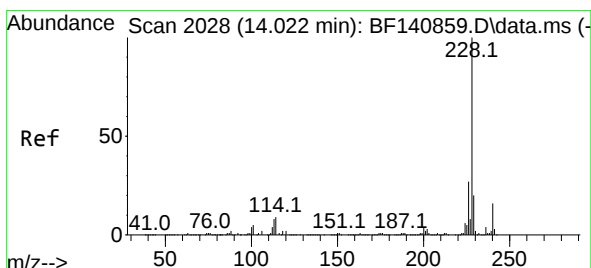
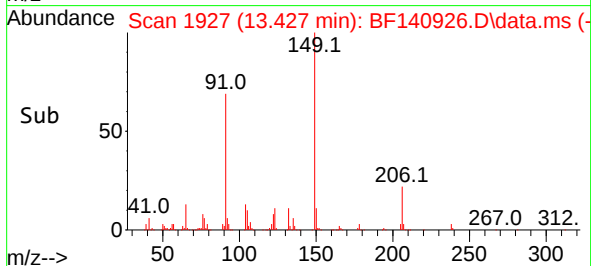
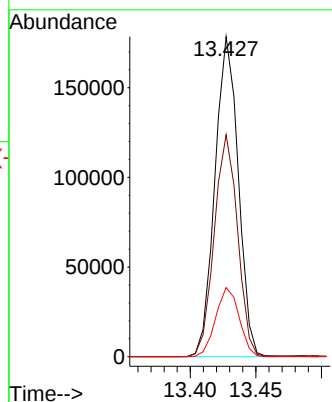
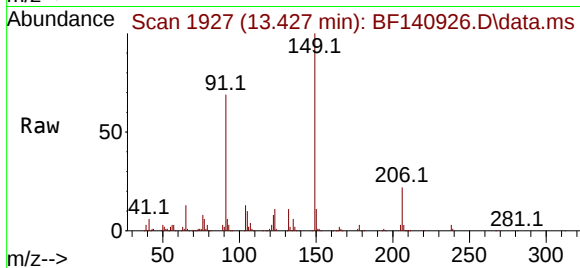
Tgt Ion:149 Resp: 220746

Ion Ratio Lower Upper

149 100

91 69.4 56.7 85.1

206 21.6 16.4 24.6



#81

Benzo(a)anthracene

Concen: 54.857 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

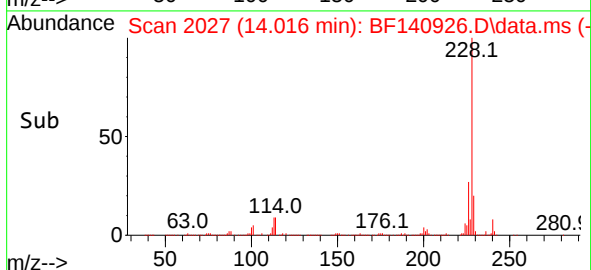
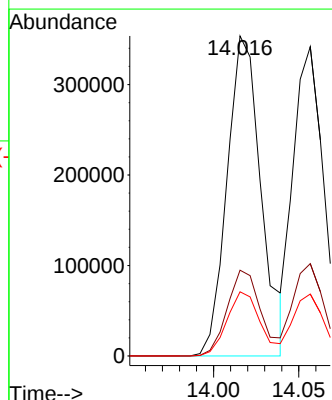
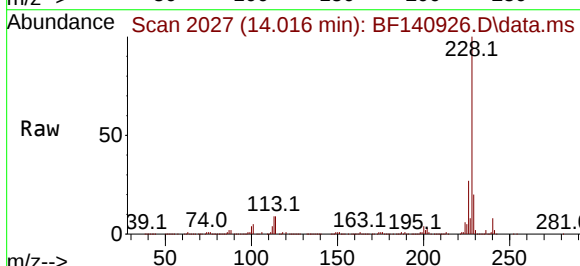
Tgt Ion:228 Resp: 491441

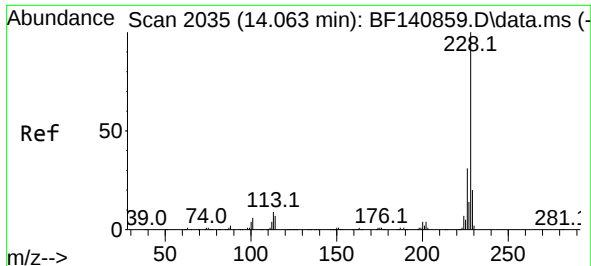
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 20.1 15.8 23.8

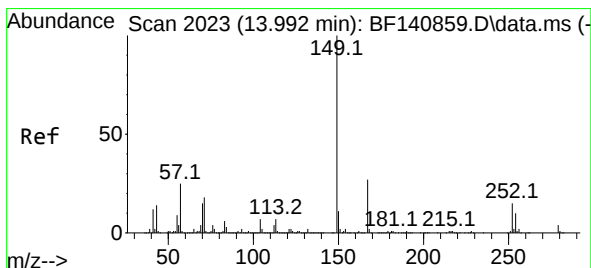
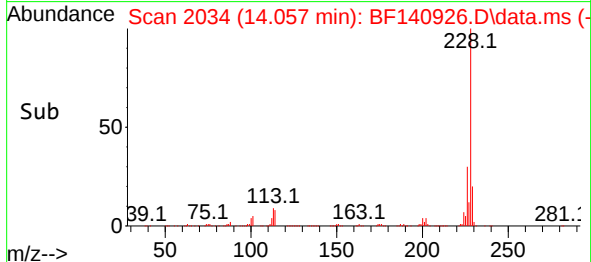
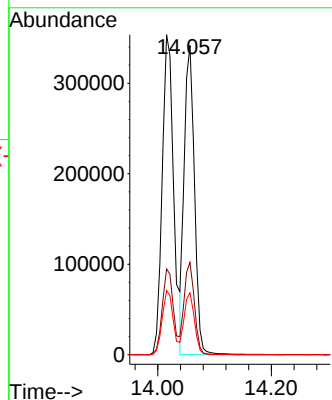
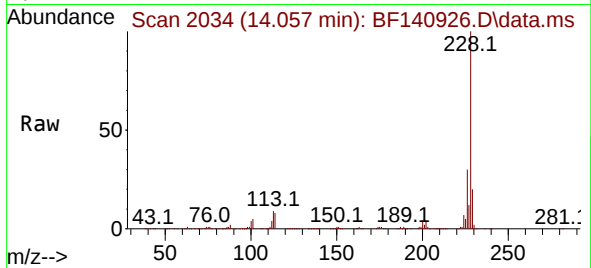




#83  
Chrysene  
Concen: 52.473 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

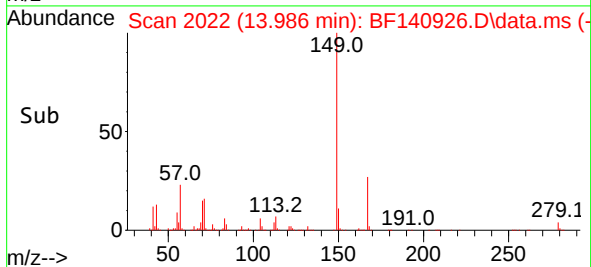
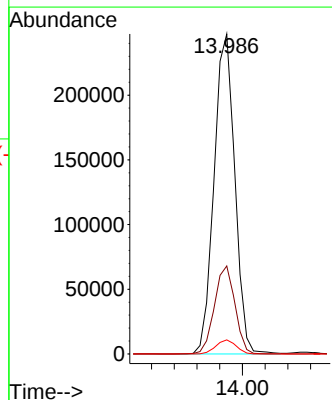
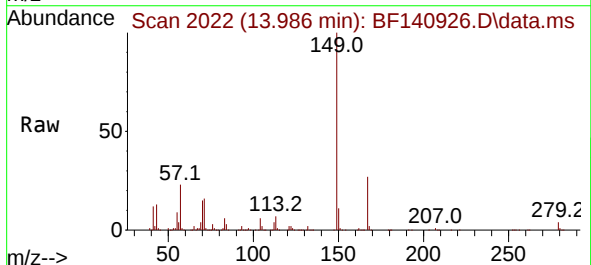
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

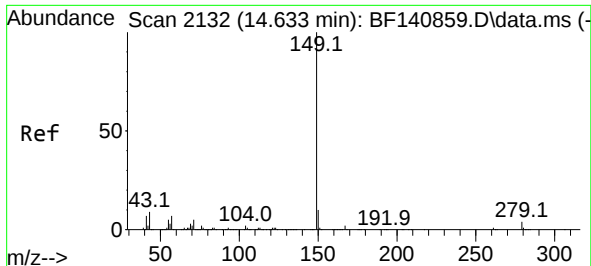
Tgt Ion:228 Resp: 427461  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.1 36.1  
229 20.0 16.0 24.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 58.823 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:149 Resp: 313699  
Ion Ratio Lower Upper  
149 100  
167 27.5 21.8 32.8  
279 4.4 3.5 5.3

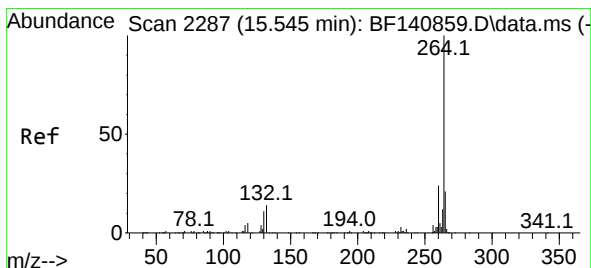
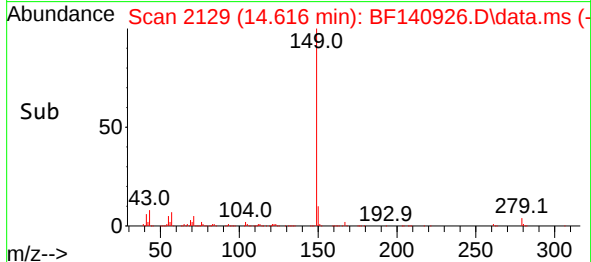
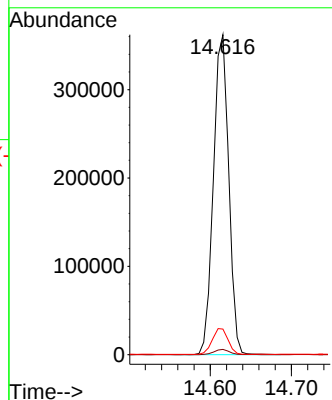
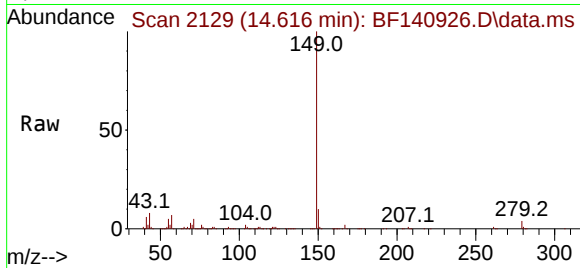




#85  
Di-n-octyl phthalate  
Concen: 58.812 ng  
RT: 14.616 min Scan# 2132  
Delta R.T. -0.018 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

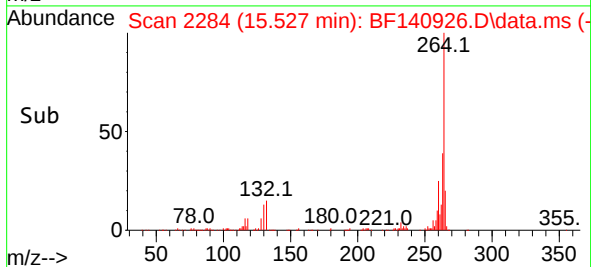
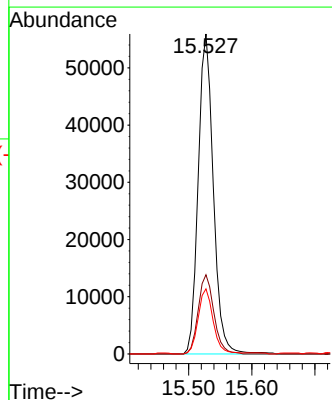
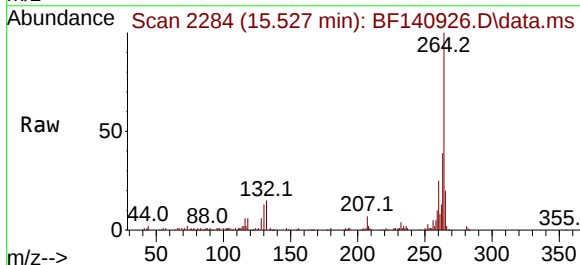
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

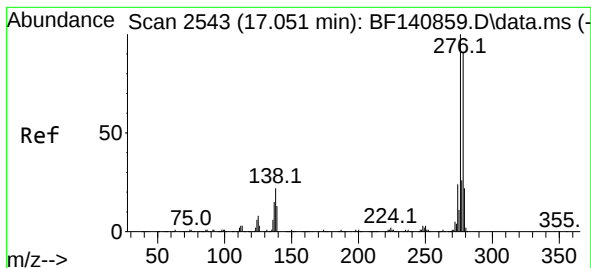
Tgt Ion:149 Resp: 474503  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.3 7.0 10.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.527 min Scan# 2284  
Delta R.T. -0.018 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:264 Resp: 92913  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.1 28.7  
265 20.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 89.515 ng

RT: 17.045 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

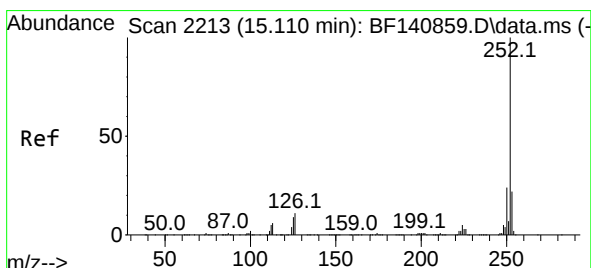
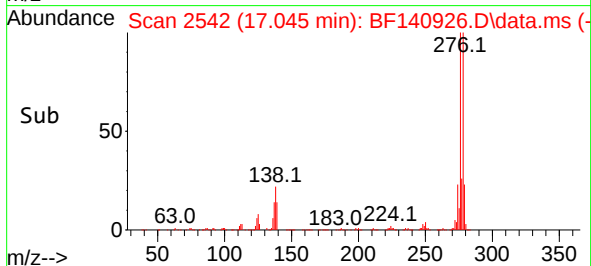
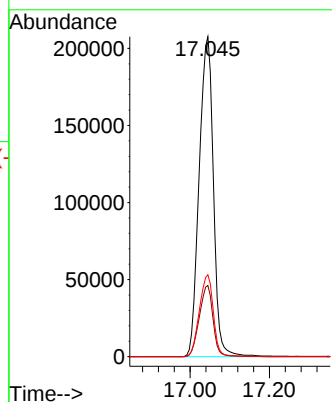
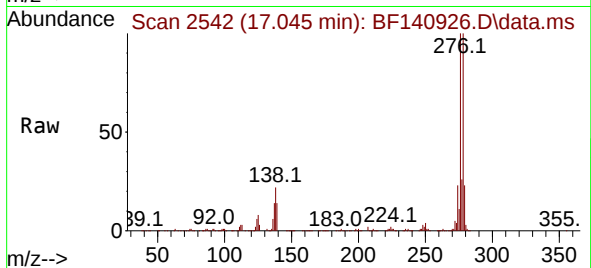
Tgt Ion:276 Resp: 519022

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 74.149 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

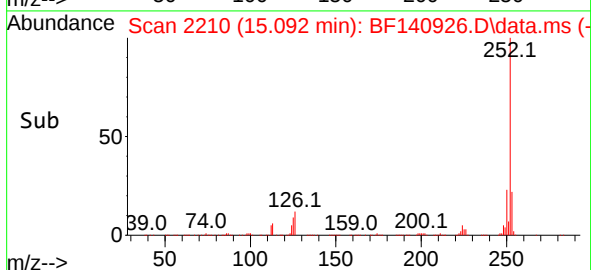
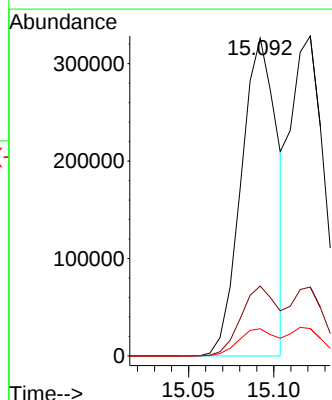
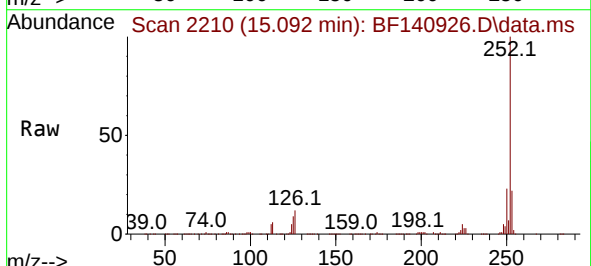
Tgt Ion:252 Resp: 478225

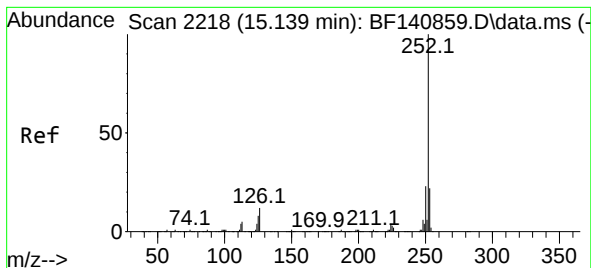
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 81.235 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA\_F

ClientSampleId :

WC-20241213MS

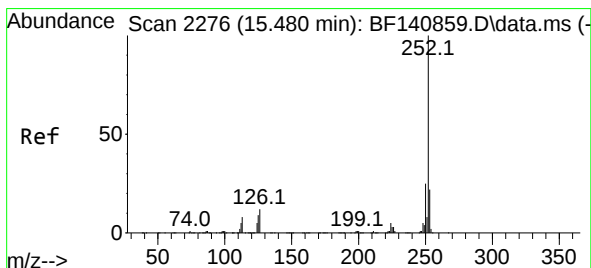
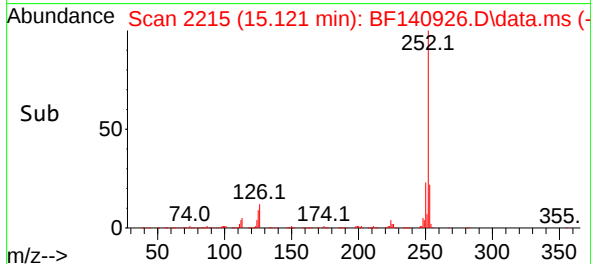
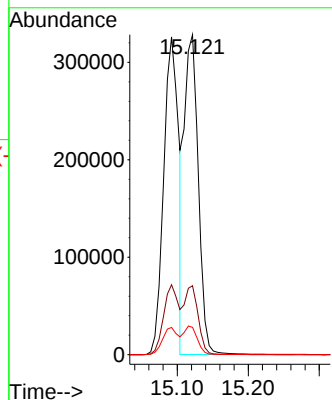
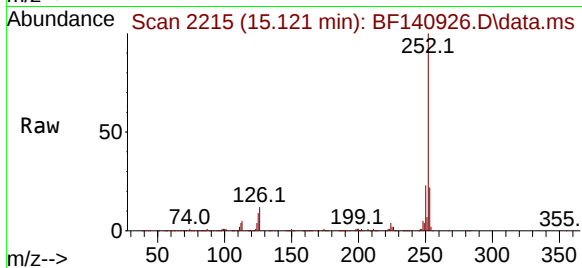
Tgt Ion:252 Resp: 449427

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 81.024 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

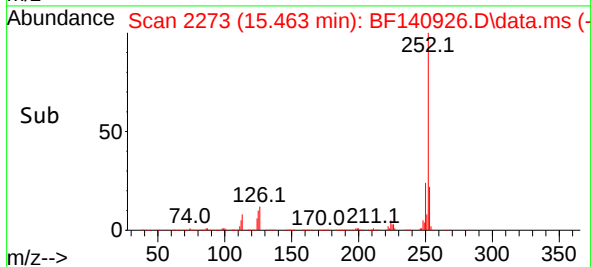
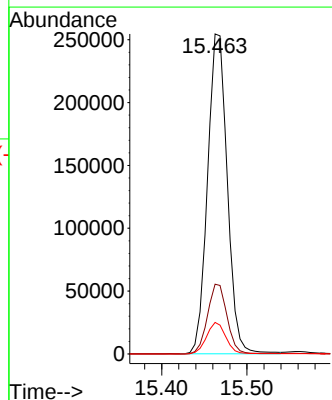
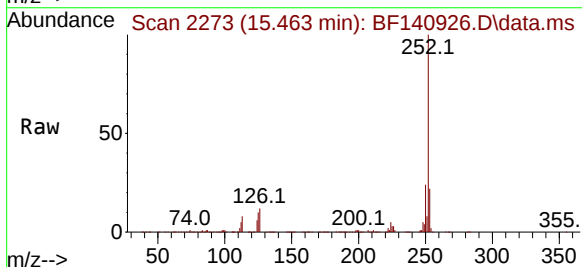
Tgt Ion:252 Resp: 409188

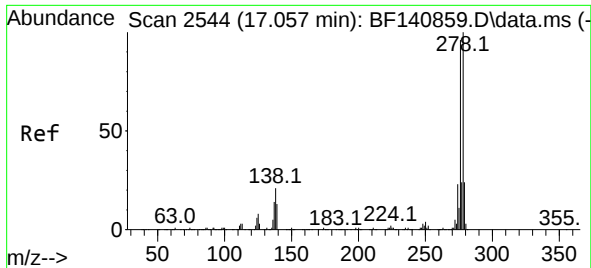
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 7.5 11.3

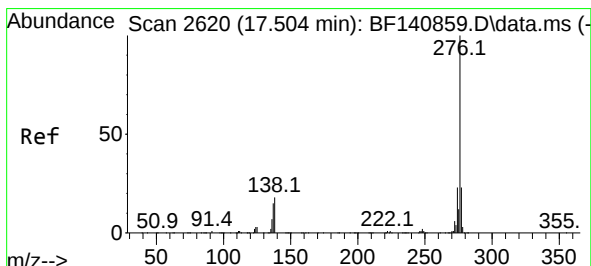
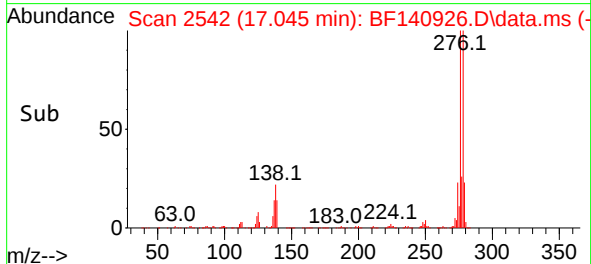
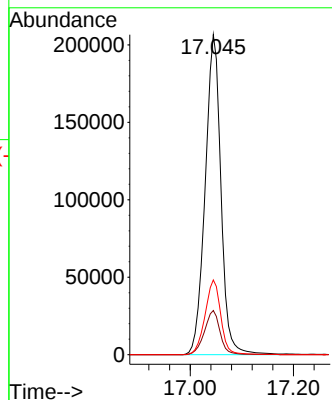
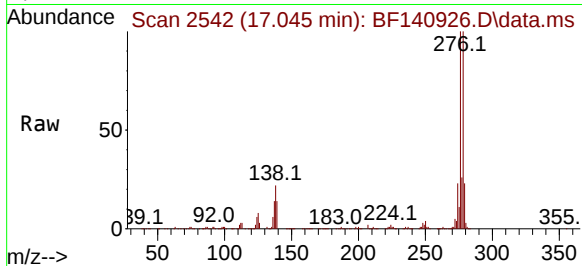




#91  
Dibenzo(a,h)anthracene  
Concen: 91.141 ng  
RT: 17.045 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20241213MS

Tgt Ion:278 Resp: 437789  
Ion Ratio Lower Upper  
278 100  
139 13.8 10.6 16.0  
279 23.3 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 85.605 ng  
RT: 17.498 min Scan# 2619  
Delta R.T. -0.006 min  
Lab File: BF140926.D  
Acq: 19 Dec 2024 15:13

Tgt Ion:276 Resp: 418505  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.7 28.1  
138 18.0 14.2 21.2

