

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101322\  
 Data File : BF130656.D  
 Acq On : 13 Oct 2022 20:06  
 Operator : CG\JU  
 Sample : N5111-01MS 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3MS

Quant Time: Oct 14 06:03:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.587  | 152  | 70975    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.869  | 136  | 245811   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.616  | 164  | 106006   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.092 | 188  | 173855   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.727 | 240  | 177002   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.104 | 264  | 144142   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.187  | 112  | 178499   | 45.333 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.234  | 99   | 206358   | 41.684 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.157  | 82   | 125983   | 27.979 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.404 | 330  | 45746    | 44.103 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.945  | 172  | 214761   | 30.688 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.675 | 244  | 219952   | 20.625 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.175  | 88   | 32772    | 13.757 | ng    | # 95     |
| 3) Pyridine                   | 2.840  | 79   | 74580    | 17.502 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 2.787  | 42   | 43192    | 21.513 | ng    | 88       |
| 6) Aniline                    | 6.251  | 93   | 93419    | 15.762 | ng    | # 81     |
| 8) 2-Chlorophenol             | 6.375  | 128  | 96486    | 20.837 | ng    | 95       |
| 9) Benzaldehyde               | 6.140  | 77   | 45230    | 14.542 | ng    | 97       |
| 10) Phenol                    | 6.246  | 94   | 113428   | 19.802 | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.328  | 93   | 87592    | 21.052 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.528  | 146  | 109054   | 21.510 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.604  | 146  | 109058   | 21.203 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.757  | 146  | 102420   | 21.381 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.740  | 79   | 68106    | 19.162 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.875  | 45   | 107657   | 20.111 | ng    | 94       |
| 17) 2-Methylphenol            | 6.857  | 107  | 71857    | 19.509 | ng    | 98       |
| 18) Hexachloroethane          | 7.093  | 117  | 39329    | 20.212 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.004  | 70   | 62411    | 19.540 | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.016  | 107  | 89514    | 18.136 | ng    | # 85     |
| 22) Acetophenone              | 7.004  | 105  | 134024   | 22.729 | ng    | # 95     |
| 24) Nitrobenzene              | 7.175  | 77   | 94072    | 20.774 | ng    | 98       |
| 25) Isophorone                | 7.416  | 82   | 161754   | 21.584 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.492  | 139  | 44223    | 19.914 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.540  | 122  | 74620    | 24.109 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.634  | 93   | 98682    | 22.741 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.740  | 162  | 66925    | 19.326 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.816  | 180  | 78491    | 21.025 | ng    | 98       |
| 31) Naphthalene               | 7.892  | 128  | 254927   | 20.035 | ng    | 99       |
| 32) Benzoic acid              | 7.657  | 122  | 24619    | 12.573 | ng    | 96       |
| 33) 4-Chloroaniline           | 7.951  | 127  | 67095    | 13.612 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.010  | 225  | 50882    | 21.960 | ng    | 97       |
| 35) Caprolactam               | 8.304  | 113  | 18517    | 17.773 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.440  | 107  | 64210    | 17.094 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.581  | 142  | 157107   | 19.620 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.681  | 142  | 147192   | 18.935 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.745  | 216  | 70911    | 24.656 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.734  | 237  | 16346    | 22.979 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 8.869  | 196  | 41306    | 21.390 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101322\  
 Data File : BF130656.D  
 Acq On : 13 Oct 2022 20:06  
 Operator : CG\JU  
 Sample : N5111-01MS 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3MS

Quant Time: Oct 14 06:03:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.910  | 196  | 41852    | 19.707 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.045  | 154  | 187109   | 24.356 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.069  | 162  | 140794   | 22.424 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.175  | 65   | 38353    | 20.292 | ng    | 99       |
| 49) Acenaphthylene            | 9.481  | 152  | 202800   | 21.557 | ng    | 99       |
| 50) Dimethylphthalate         | 9.351  | 163  | 162201   | 22.104 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.416  | 165  | 33135    | 20.585 | ng    | 91       |
| 52) Acenaphthene              | 9.651  | 154  | 119834   | 21.024 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.581  | 138  | 29753    | 16.863 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.704  | 184  | 4145     | 9.713  | ng    | # 81     |
| 55) Dibenzofuran              | 9.822  | 168  | 181446   | 20.896 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.763  | 139  | 38078    | 39.140 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 39897    | 19.286 | ng    | # 98     |
| 58) Fluorene                  | 10.163 | 166  | 144933   | 20.303 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 9.945  | 232  | 29558    | 17.458 | ng    | 96       |
| 60) Diethylphthalate          | 10.045 | 149  | 147741   | 20.179 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.157 | 204  | 68197    | 21.130 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.192 | 138  | 29634    | 17.591 | ng    | 97       |
| 63) Azobenzene                | 10.316 | 77   | 127032   | 18.421 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.228 | 198  | 5184     | 4.771  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.281 | 169  | 118500   | 20.491 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248  | 41577    | 21.136 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.704 | 284  | 47291    | 21.267 | ng    | 96       |
| 69) Atrazine                  | 10.810 | 200  | 38554    | 24.482 | ng    | 98       |
| 70) Pentachlorophenol         | 10.910 | 266  | 41008    | 47.382 | ng    | 97       |
| 71) Phenanthrene              | 11.122 | 178  | 222769   | 23.128 | ng    | 98       |
| 72) Anthracene                | 11.169 | 178  | 208620   | 22.177 | ng    | 100      |
| 73) Carbazole                 | 11.333 | 167  | 191661   | 22.833 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.669 | 149  | 218023   | 21.442 | ng    | 100      |
| 75) Fluoranthene              | 12.304 | 202  | 274543   | 29.656 | ng    | 99       |
| 77) Benzidine                 | 12.439 | 184  | 73132    | 16.346 | ng    | 99       |
| 78) Pyrene                    | 12.527 | 202  | 284800   | 18.651 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.157 | 149  | 110874   | 18.883 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.716 | 228  | 265172   | 22.234 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.686 | 252  | 76029    | 22.060 | ng    | 99       |
| 83) Chrysene                  | 13.751 | 228  | 247983   | 21.930 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.716 | 149  | 160151   | 22.498 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.327 | 149  | 269981   | 24.764 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.398 | 276  | 172503   | 15.989 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.721 | 252  | 224447   | 24.591 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.751 | 252  | 217805   | 23.436 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.051 | 252  | 185356   | 24.400 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 16.404 | 278  | 145823   | 16.490 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 16.780 | 276  | 145408   | 17.654 | ng    | 95       |

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

BNA F

BNA F

**ClientSampleId :**

WC-3MS

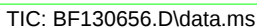
Quant Time: Oct 14 06:03:07 2022

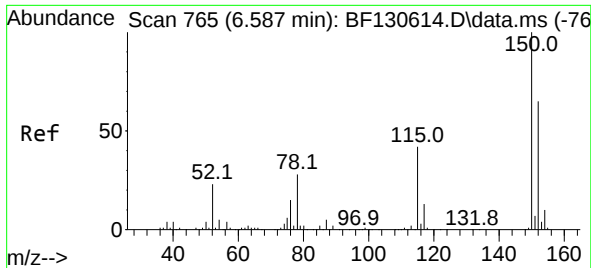
Quant Method : Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF101122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 12 06:52:52 2022

Response via : Initial Calibration

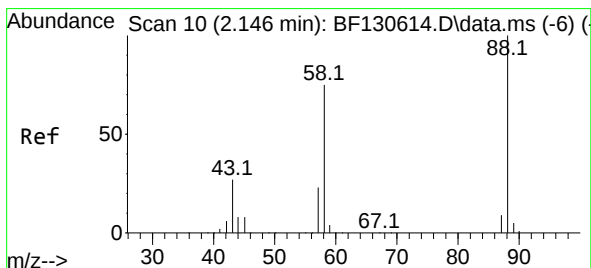
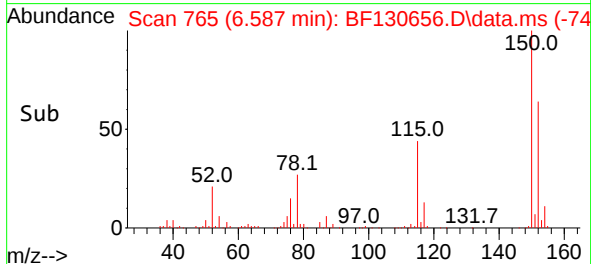
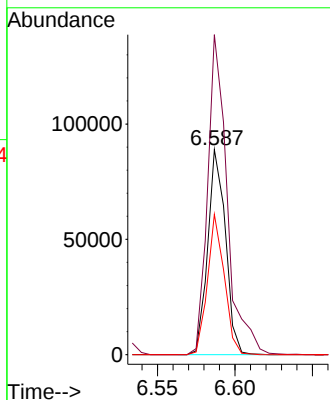
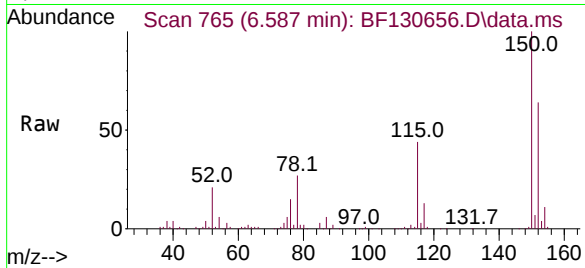




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.587 min Scan# 765  
 Delta R.T. -0.000 min  
 Lab File: BF130656.D  
 Acq: 13 Oct 2022 20:06

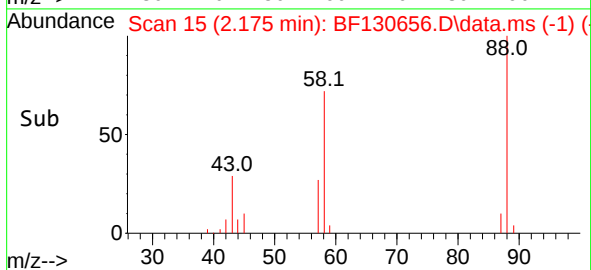
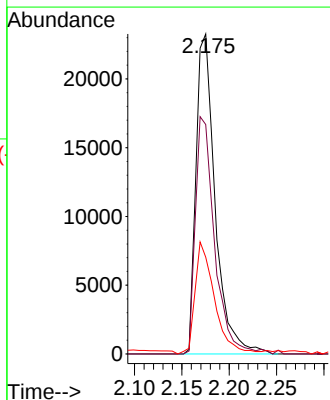
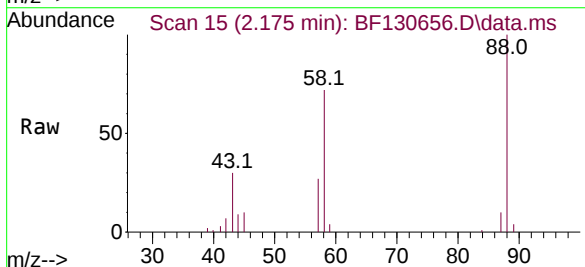
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3MS

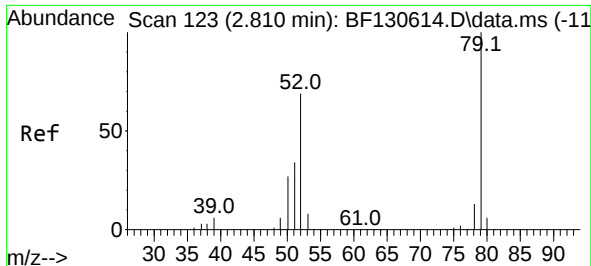
Tgt Ion:152 Resp: 70975  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 123.8 185.6  
 115 68.4 52.2 78.4



#2  
 1,4-Dioxane  
 Concen: 13.757 ng  
 RT: 2.175 min Scan# 15  
 Delta R.T. 0.030 min  
 Lab File: BF130656.D  
 Acq: 13 Oct 2022 20:06

Tgt Ion: 88 Resp: 32772  
 Ion Ratio Lower Upper  
 88 100  
 58 74.2 58.8 88.2  
 43 35.6 22.2 33.4#





#3

Pyridine

Concen: 17.502 ng

RT: 2.840 min Scan# 119

Delta R.T. 0.030 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

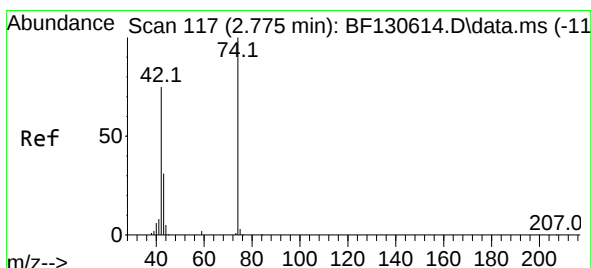
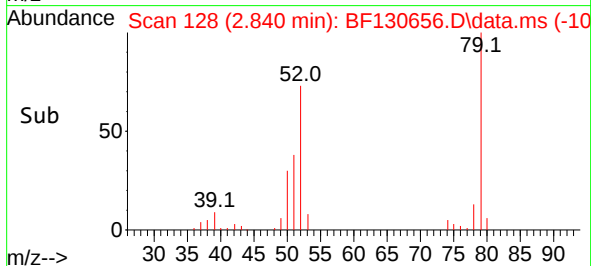
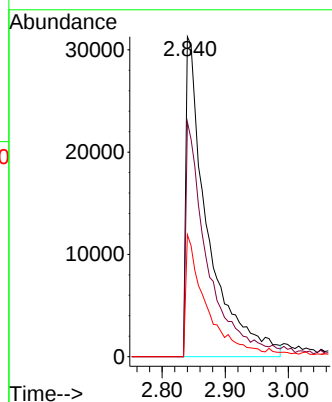
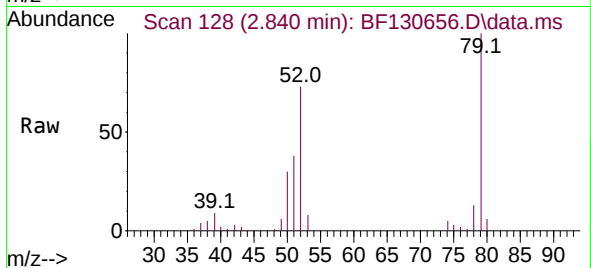
Tgt Ion: 79 Resp: 74580

Ion Ratio Lower Upper

79 100

52 73.3 54.8 82.2

51 38.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 21.513 ng

RT: 2.787 min Scan# 119

Delta R.T. 0.012 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

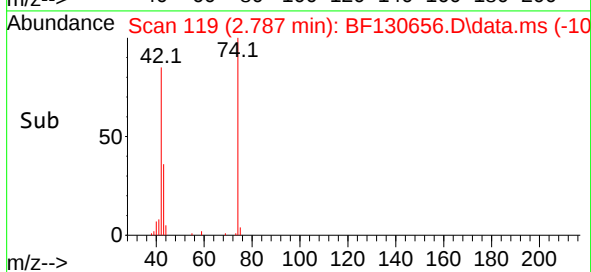
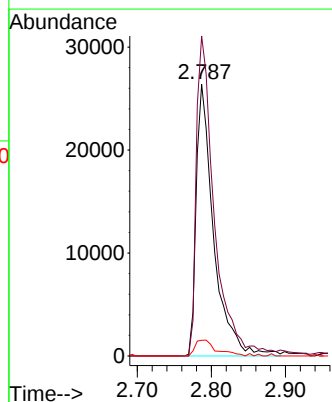
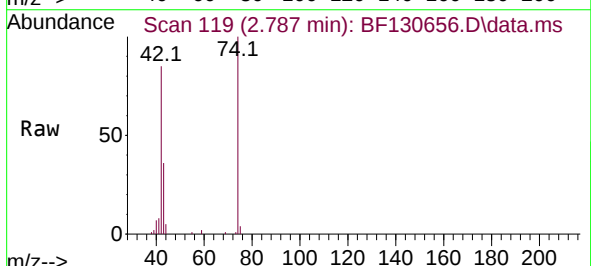
Tgt Ion: 42 Resp: 43192

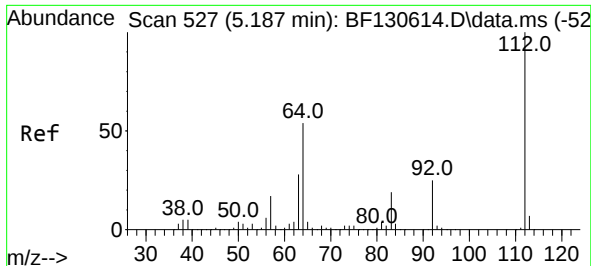
Ion Ratio Lower Upper

42 100

74 117.8 106.2 159.2

44 5.8 5.0 7.4

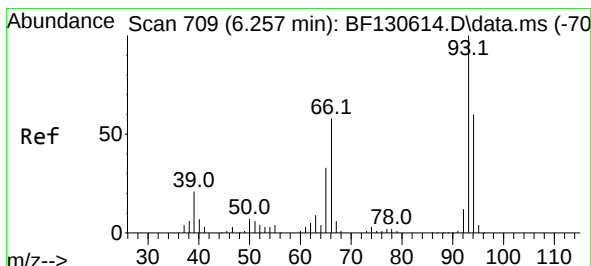
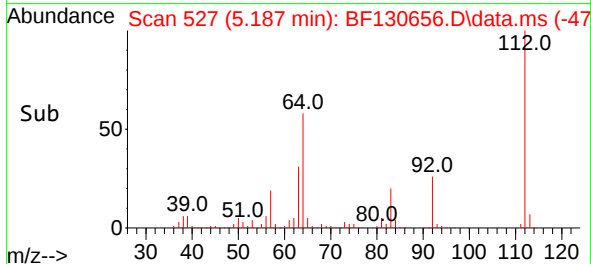
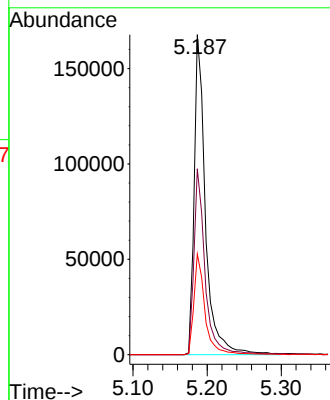
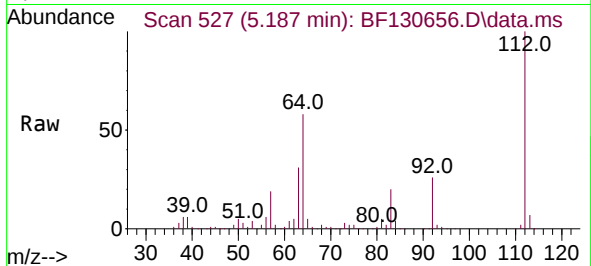




#5  
2-Fluorophenol  
Concen: 45.333 ng  
RT: 5.187 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

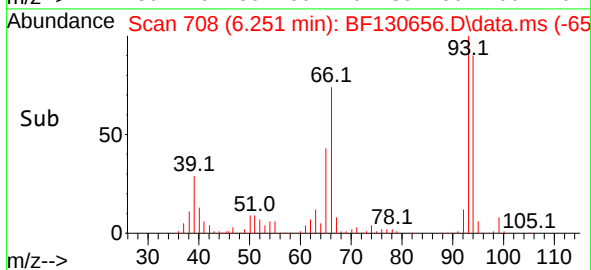
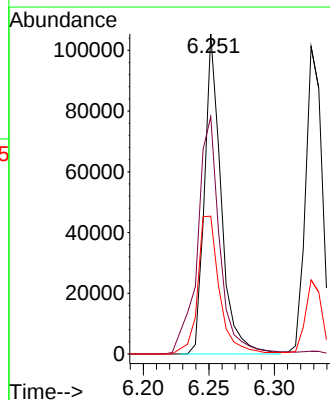
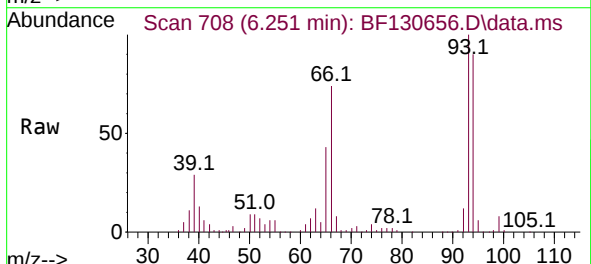
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

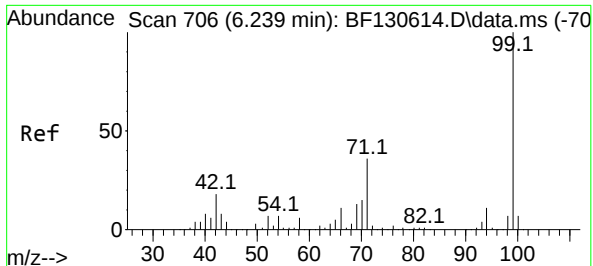
Tgt Ion:112 Resp: 178499  
Ion Ratio Lower Upper  
112 100  
64 58.1 43.5 65.3  
63 31.5 22.6 34.0



#6  
Aniline  
Concen: 15.762 ng  
RT: 6.251 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion: 93 Resp: 93419  
Ion Ratio Lower Upper  
93 100  
66 74.1 47.4 71.0#  
65 43.1 26.6 40.0#

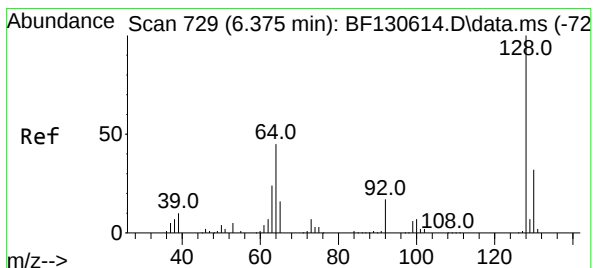
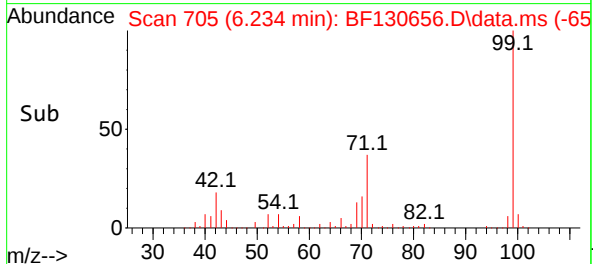
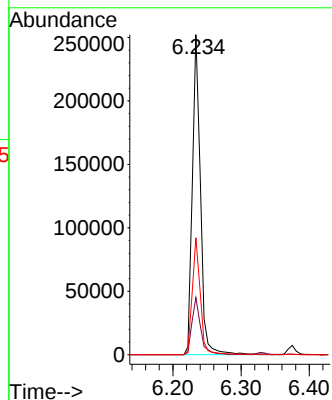
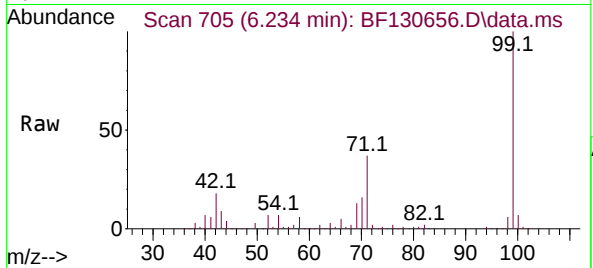




#7  
Phenol-d6  
Concen: 41.684 ng  
RT: 6.234 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

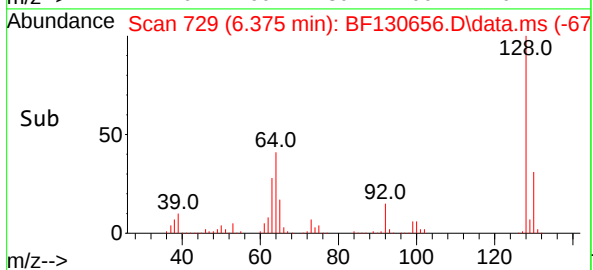
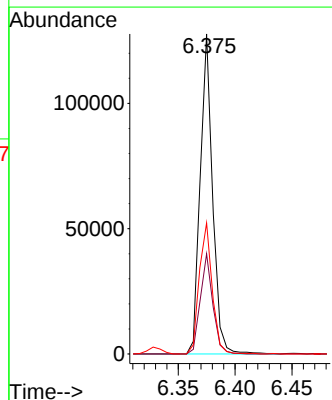
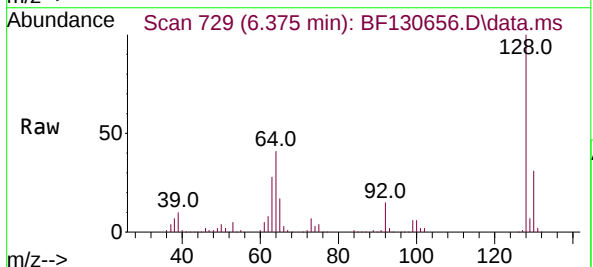
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

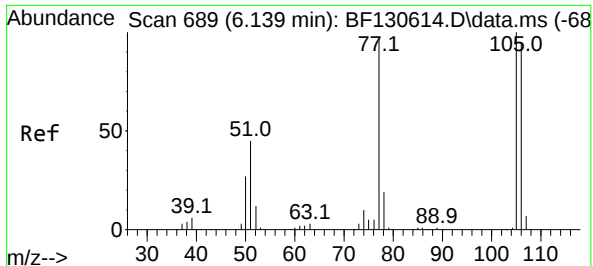
Tgt Ion: 99 Resp: 206358  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.0 21.0  
71 36.6 28.8 43.2



#8  
2-Chlorophenol  
Concen: 20.837 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion: 128 Resp: 96486  
Ion Ratio Lower Upper  
128 100  
130 31.3 12.4 52.4  
64 41.0 25.9 65.9



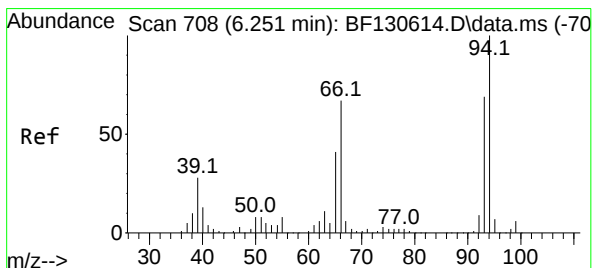
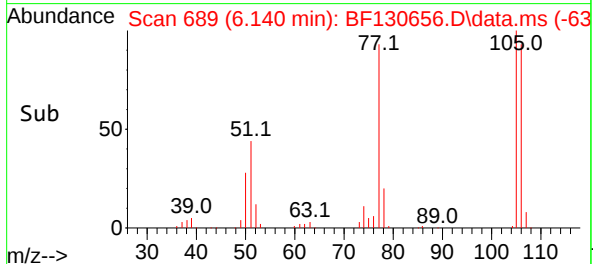
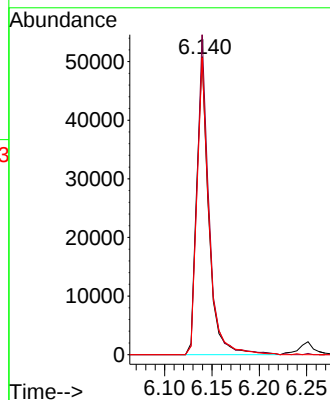
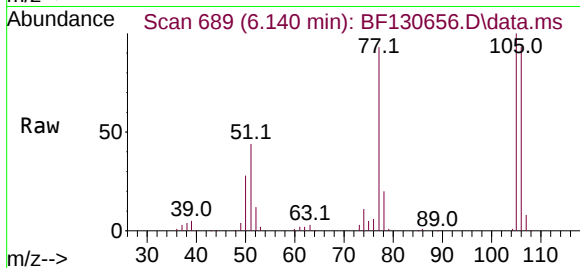


#9  
Benzaldehyde  
Concen: 14.542 ng  
RT: 6.140 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

Tgt Ion: 77 Resp: 45230

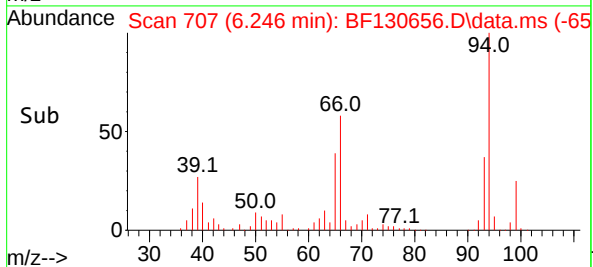
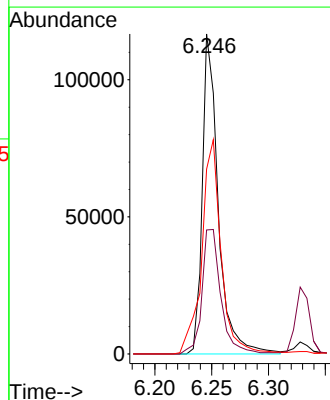
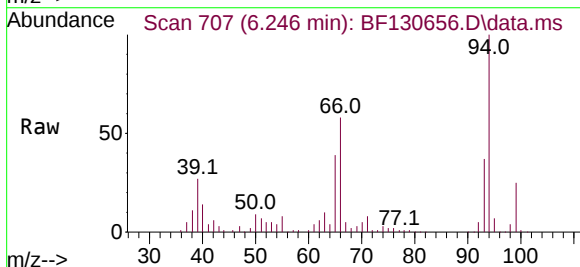
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 107.4 | 83.0  | 123.0 |
| 106 | 99.7  | 77.8  | 117.8 |

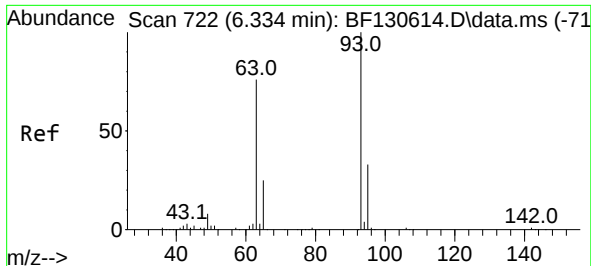


#10  
Phenol  
Concen: 19.802 ng  
RT: 6.246 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion: 94 Resp: 113428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 38.8  | 21.2  | 61.2  |
| 66  | 57.7  | 46.9  | 86.9  |

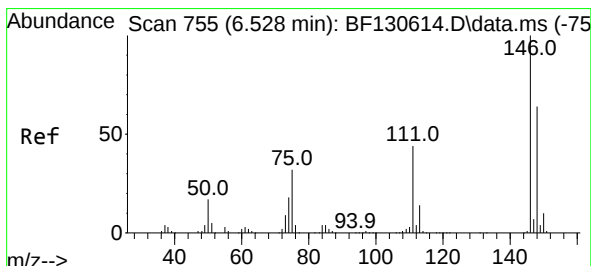
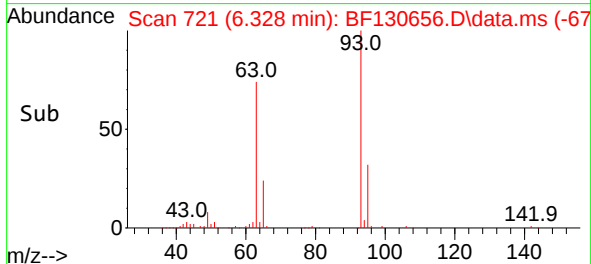
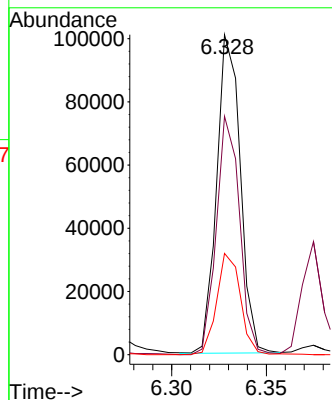
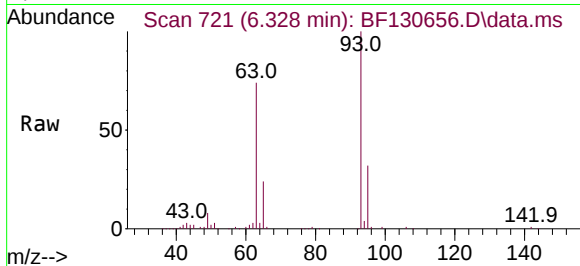




#11  
bis(2-Chloroethyl)ether  
Concen: 21.052 ng  
RT: 6.328 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

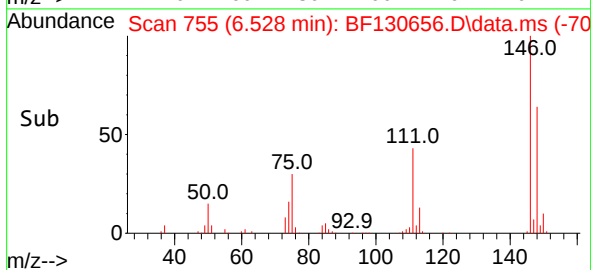
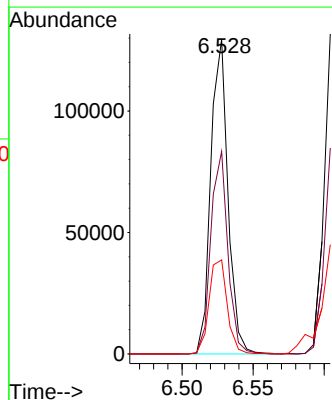
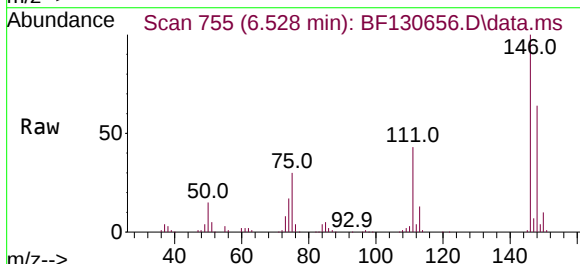
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

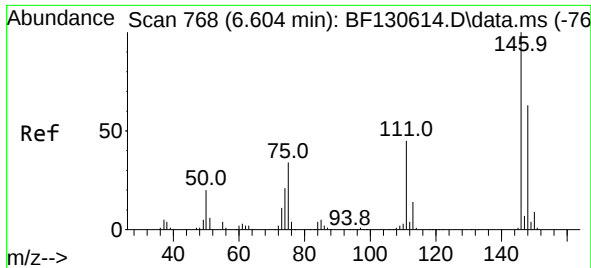
Tgt Ion: 93 Resp: 87592  
Ion Ratio Lower Upper  
93 100  
63 74.5 56.1 96.1  
95 31.7 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 21.510 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:146 Resp: 109054  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
75 29.9 25.2 37.8

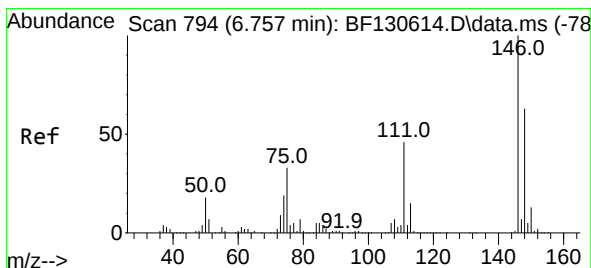
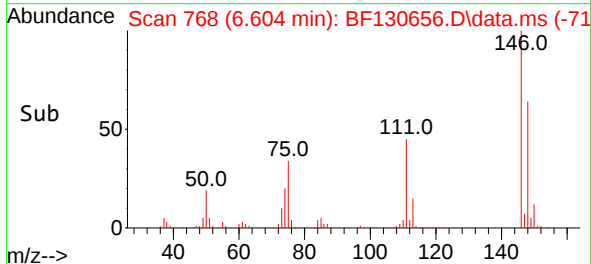
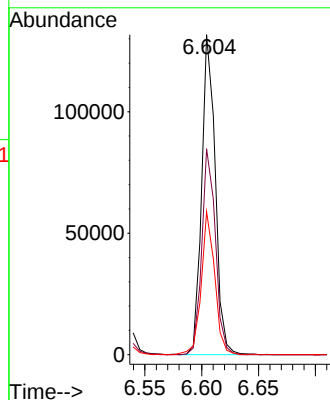
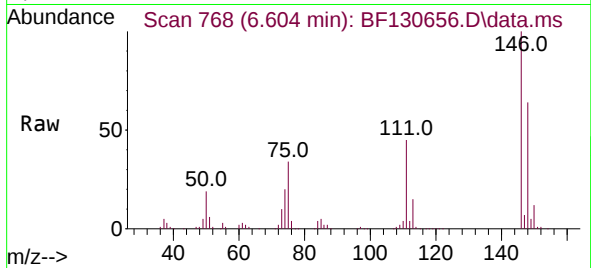




#13  
1,4-Dichlorobenzene  
Concen: 21.203 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

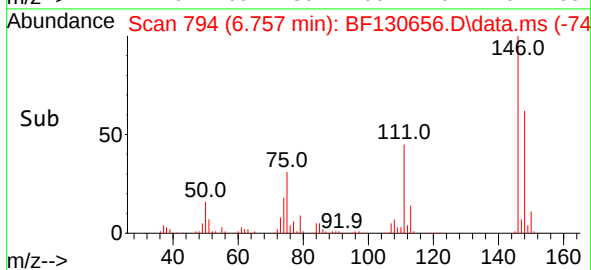
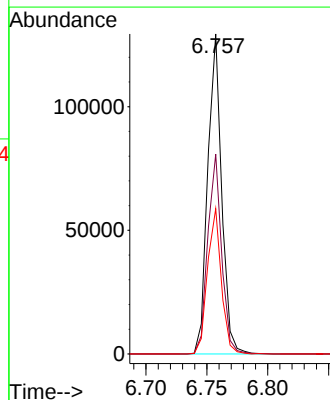
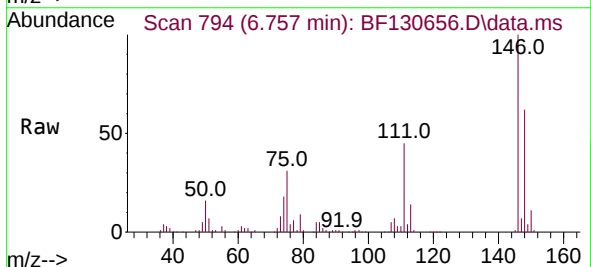
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

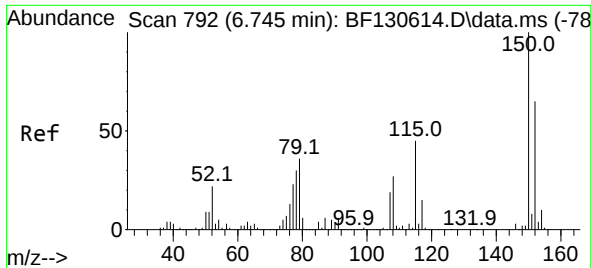
Tgt Ion:146 Resp: 109058  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.1 75.1  
111 44.7 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 21.381 ng  
RT: 6.757 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:146 Resp: 102420  
Ion Ratio Lower Upper  
146 100  
148 62.5 50.5 75.7  
111 45.4 37.2 55.8

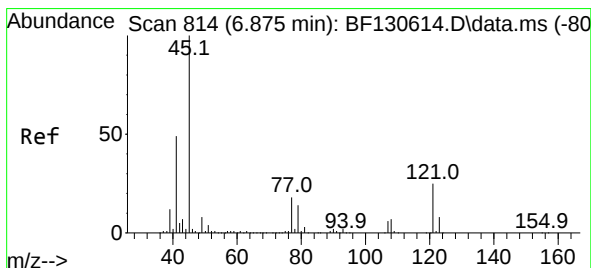
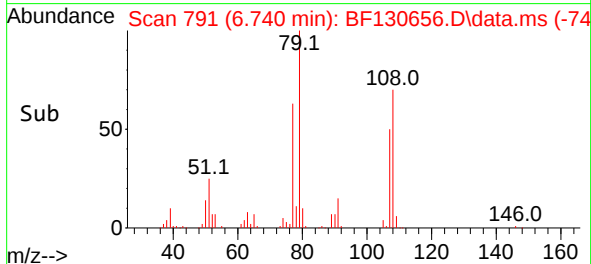
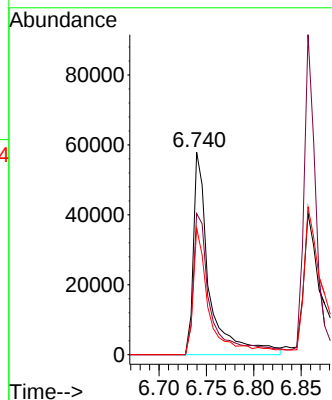
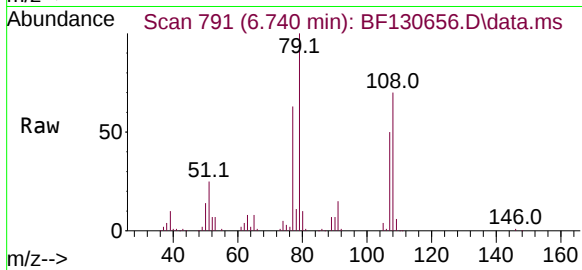




#15  
Benzyl Alcohol  
Concen: 19.162 ng  
RT: 6.740 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

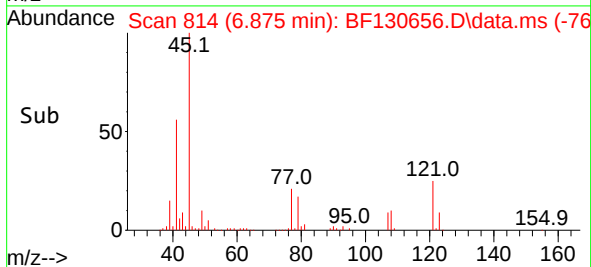
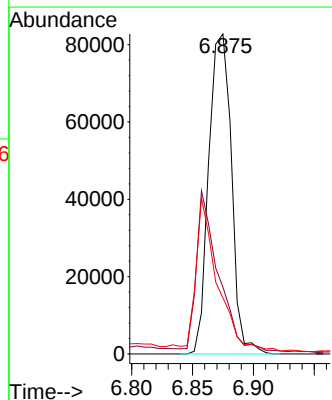
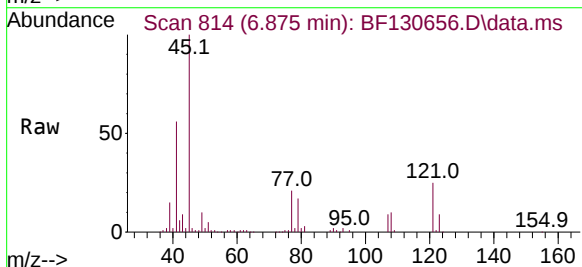
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

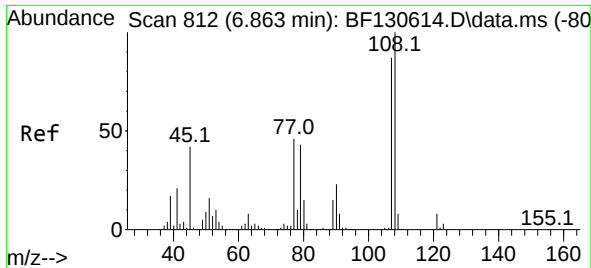
Tgt Ion: 79 Resp: 68106  
Ion Ratio Lower Upper  
79 100  
108 69.7 59.7 89.5  
77 62.5 51.8 77.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.111 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion: 45 Resp: 107657  
Ion Ratio Lower Upper  
45 100  
77 20.9 0.0 38.7  
79 17.5 0.0 34.6

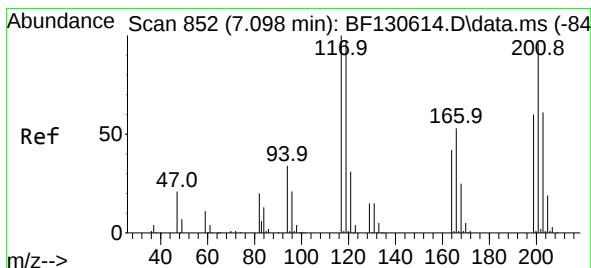
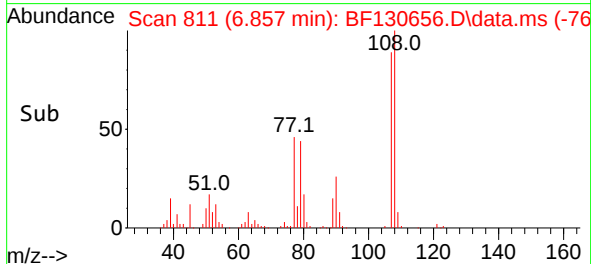
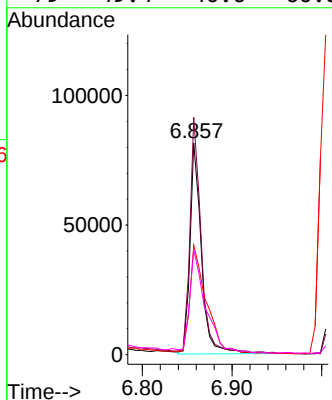
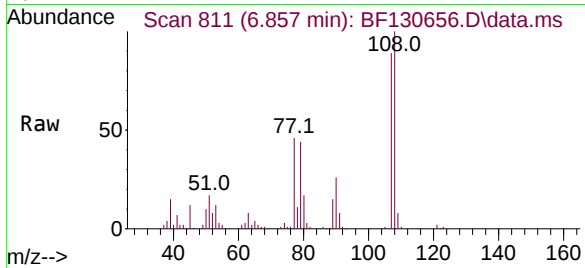




#17  
2-Methylphenol  
Concen: 19.509 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

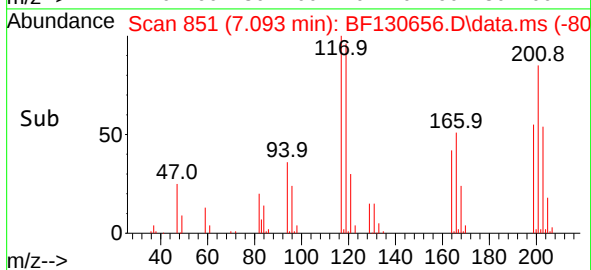
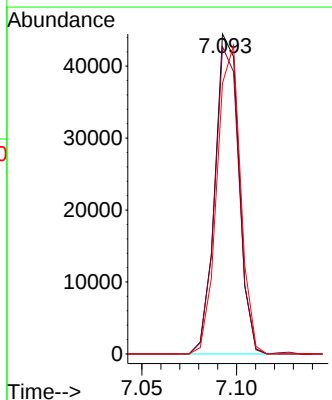
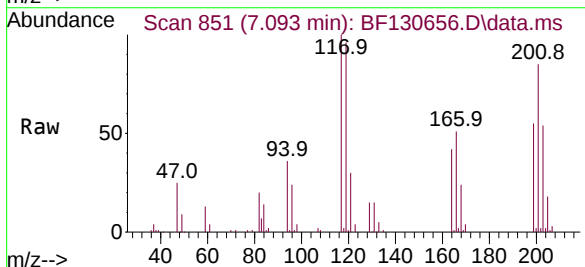
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

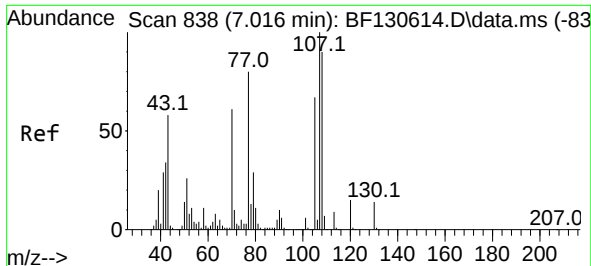
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 71857 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.1 | 92.2  | 138.2 |
| 77       | 51.7  | 42.7  | 64.1  |
| 79       | 49.4  | 40.6  | 60.8  |



#18  
Hexachloroethane  
Concen: 20.212 ng  
RT: 7.093 min Scan# 851  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 39329 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.0  | 77.6  | 116.4 |
| 201      | 84.7  | 77.0  | 115.6 |





#19

n-Nitroso-di-n-propylamine

Concen: 19.540 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

Tgt Ion: 70 Resp: 62411

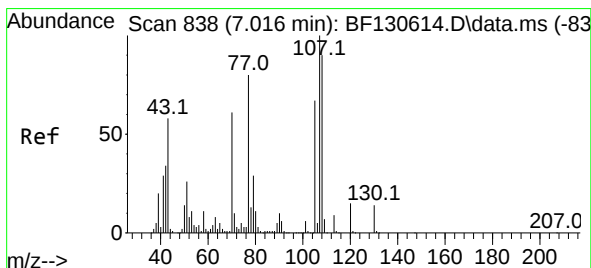
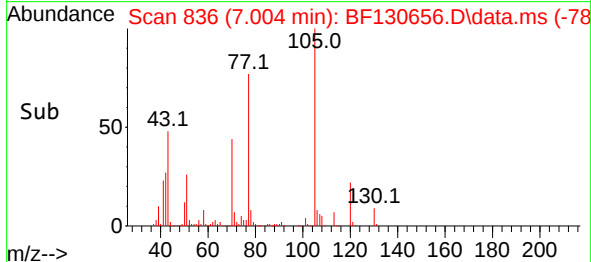
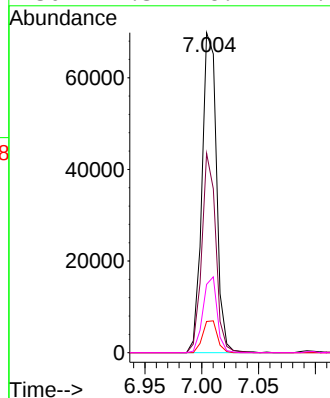
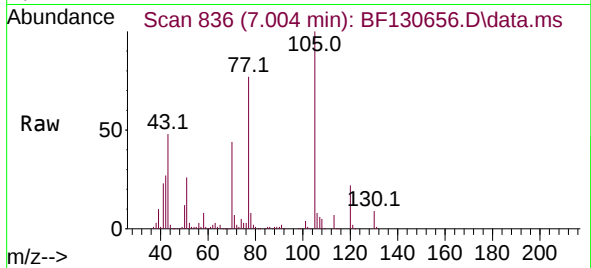
Ion Ratio Lower Upper

70 100

42 62.3 44.3 66.5

101 9.8 7.9 11.9

130 21.3 18.1 27.1



#20

3+4-Methylphenols

Concen: 18.136 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Tgt Ion:107 Resp: 89514

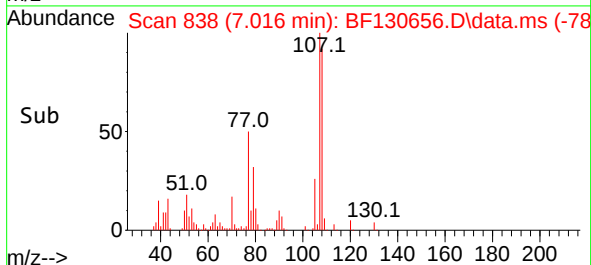
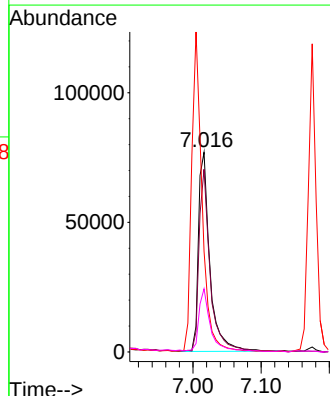
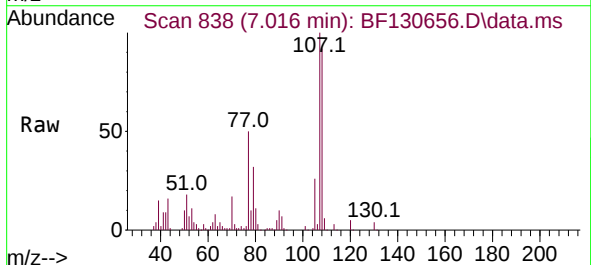
Ion Ratio Lower Upper

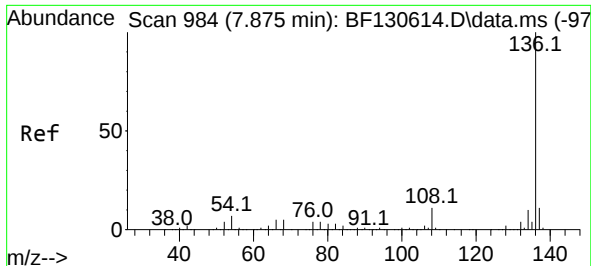
107 100

108 91.5 69.7 109.7

77 50.5 59.7 99.7#

79 31.7 9.5 49.5

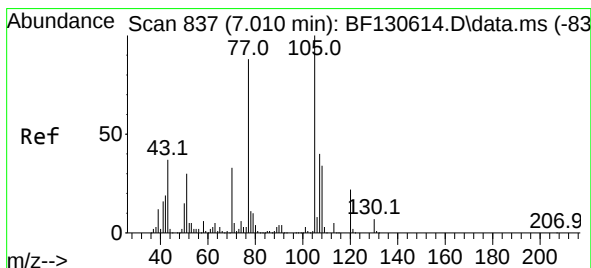
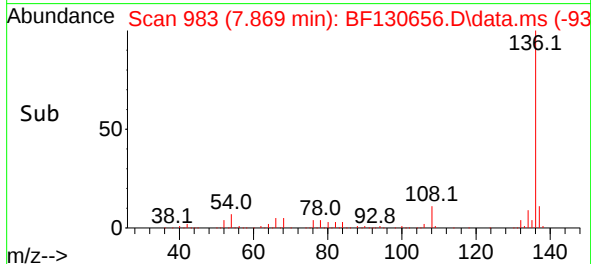
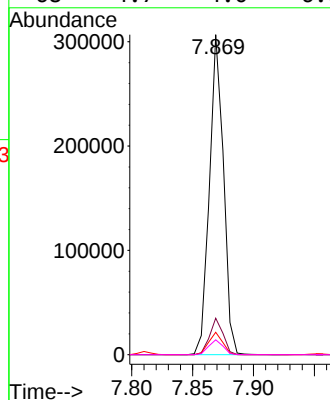
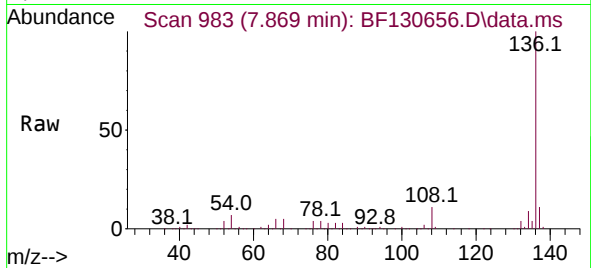




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.869 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

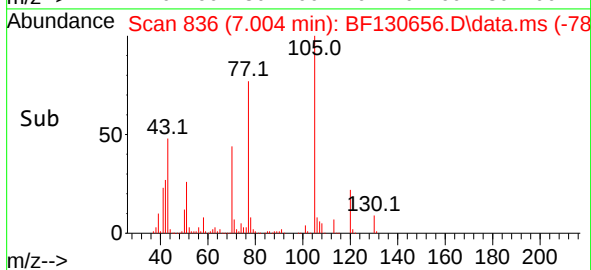
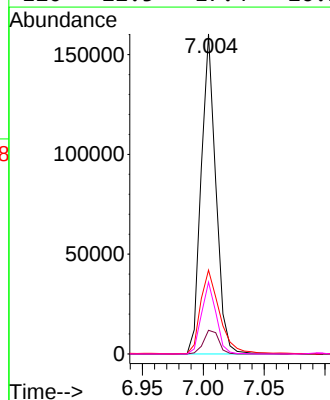
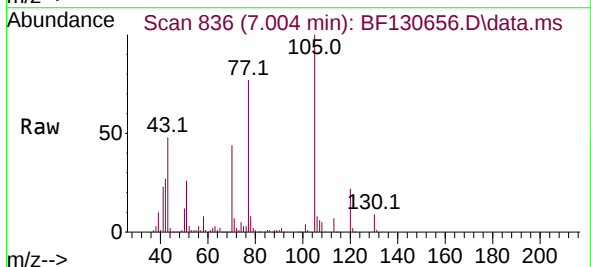
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

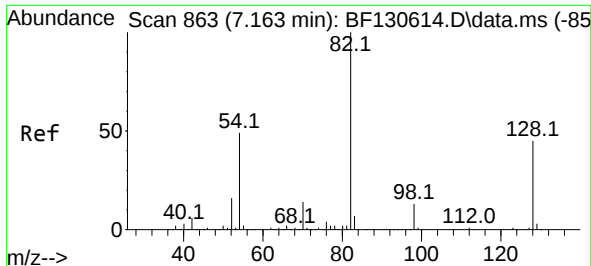
Tgt Ion:136 Resp: 245811  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.4 12.6  
54 7.0 5.5 8.3  
68 4.7 4.0 6.0



#22  
Acetophenone  
Concen: 22.729 ng  
RT: 7.004 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:105 Resp: 134024  
Ion Ratio Lower Upper  
105 100  
71 7.4 4.2 6.4#  
51 26.2 24.3 36.5  
120 22.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 27.979 ng

RT: 7.157 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

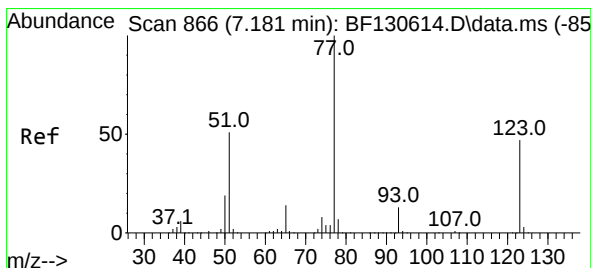
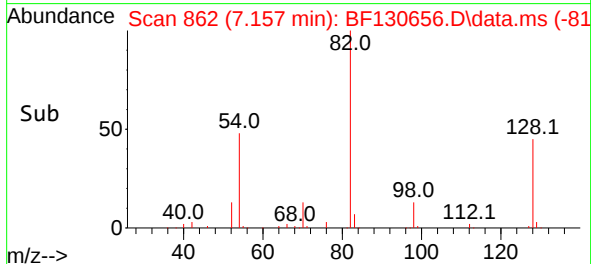
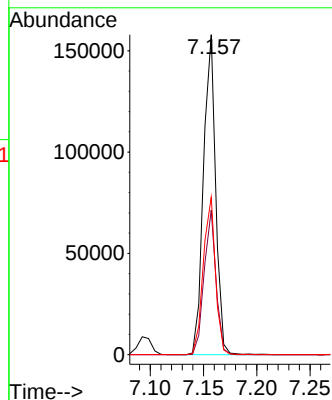
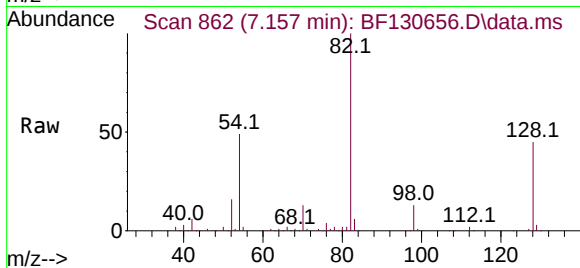
Tgt Ion: 82 Resp: 125983

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 49.2 39.3 58.9



#24

Nitrobenzene

Concen: 20.774 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

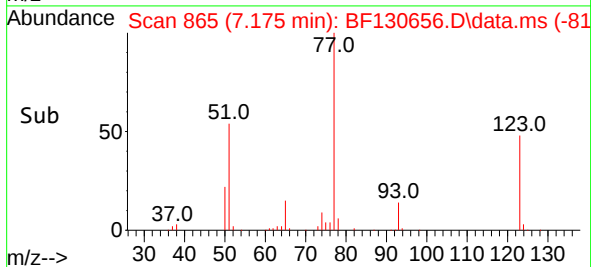
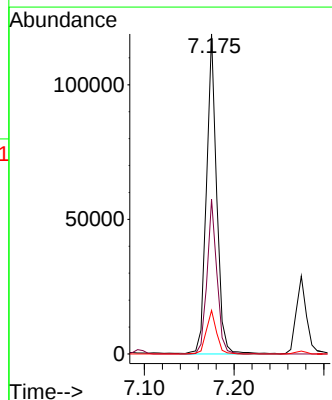
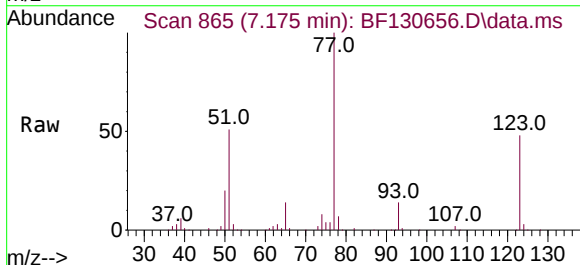
Tgt Ion: 77 Resp: 94072

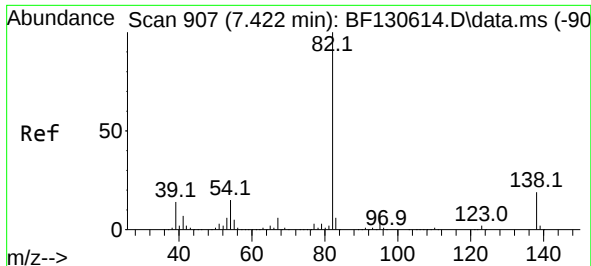
Ion Ratio Lower Upper

77 100

123 48.3 37.5 56.3

65 13.6 11.0 16.4

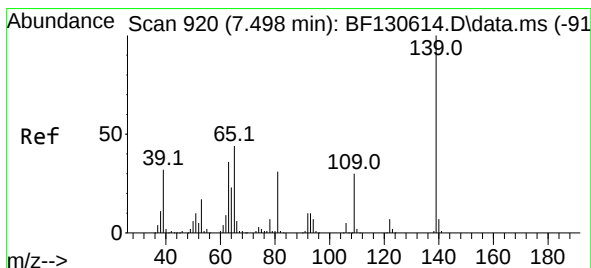
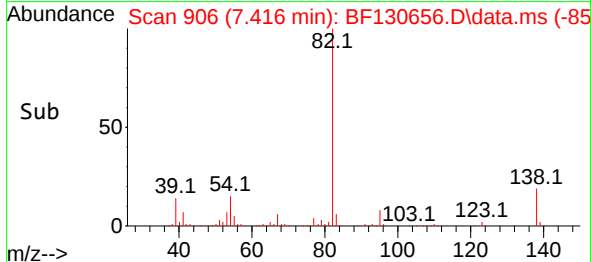
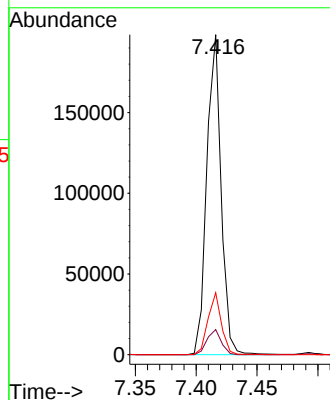
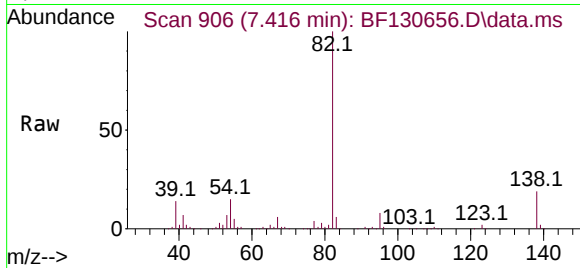




#25  
Isophorone  
Concen: 21.584 ng  
RT: 7.416 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

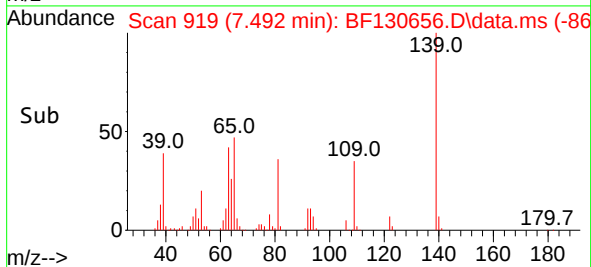
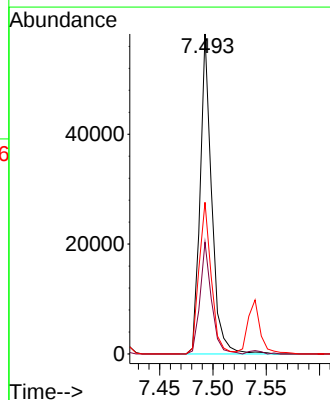
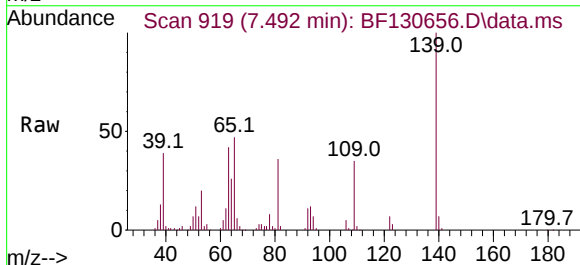
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

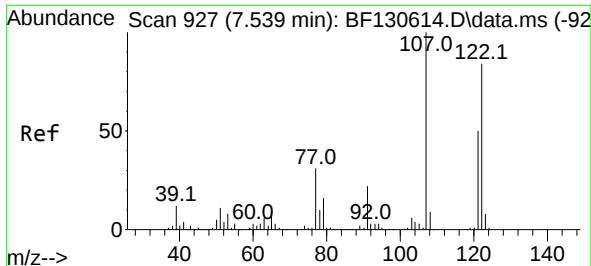
Tgt Ion: 82 Resp: 161754  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.1 9.1  
138 19.4 14.9 22.3



#26  
2-Nitrophenol  
Concen: 19.914 ng  
RT: 7.492 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:139 Resp: 44223  
Ion Ratio Lower Upper  
139 100  
109 35.0 23.9 35.9  
65 47.4 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 24.109 ng

RT: 7.540 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

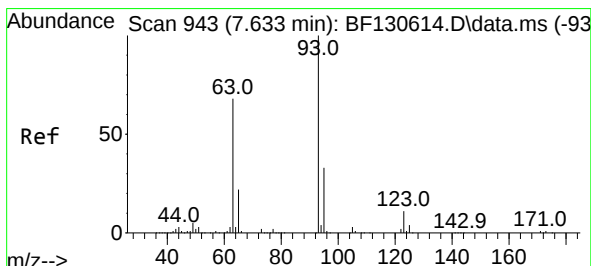
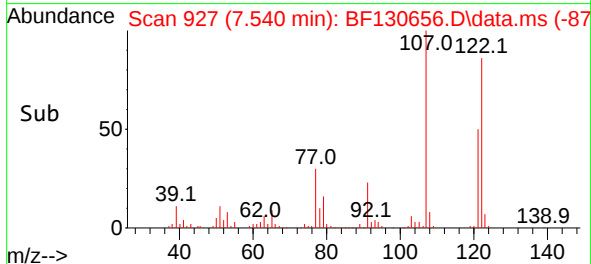
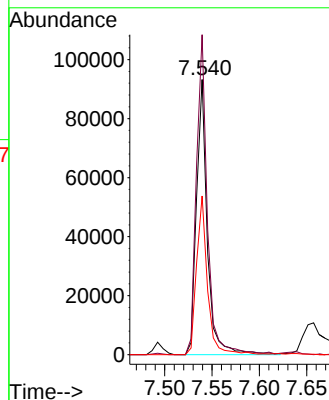
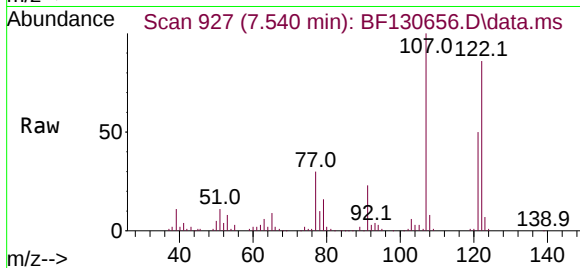
Tgt Ion:122 Resp: 74620

Ion Ratio Lower Upper

122 100

107 116.3 94.9 142.3

121 57.7 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 22.741 ng

RT: 7.634 min Scan# 943

Delta R.T. 0.001 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

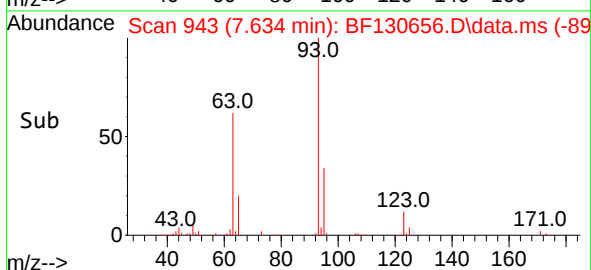
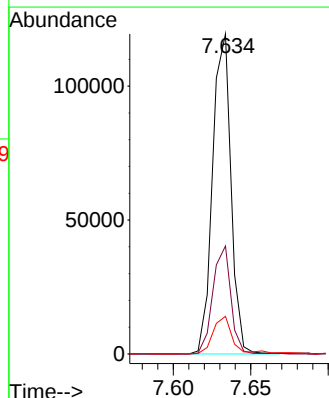
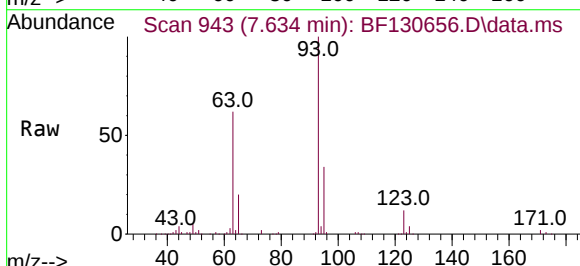
Tgt Ion: 93 Resp: 98682

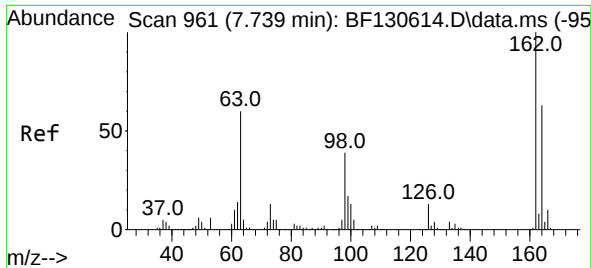
Ion Ratio Lower Upper

93 100

95 33.8 26.4 39.6

123 11.8 9.1 13.7

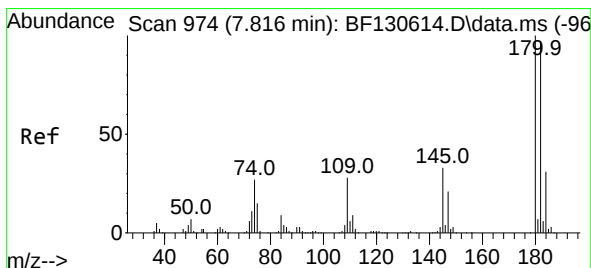
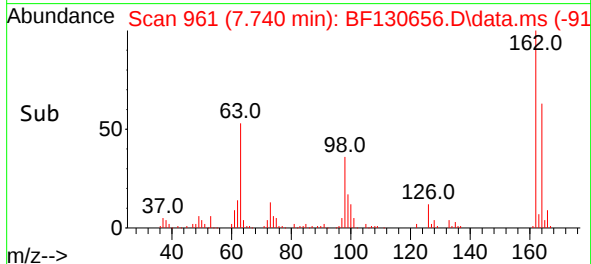
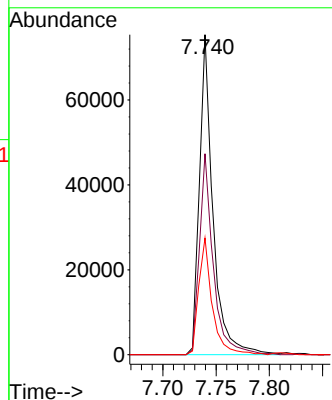
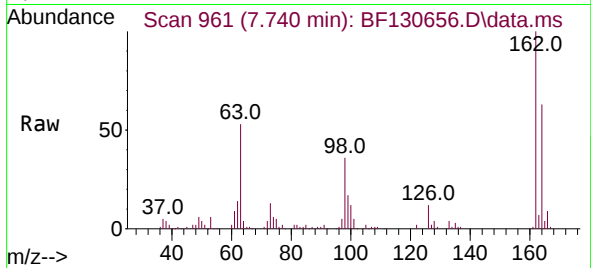




#29  
2,4-Dichlorophenol  
Concen: 19.326 ng  
RT: 7.740 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

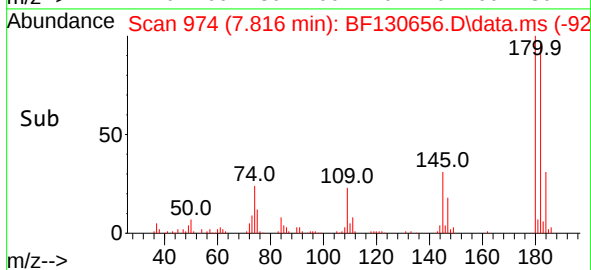
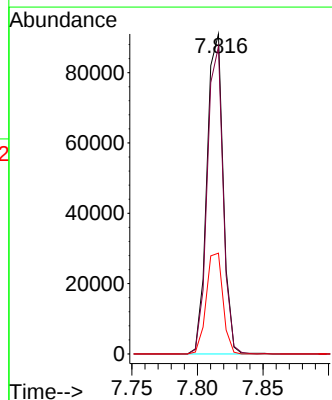
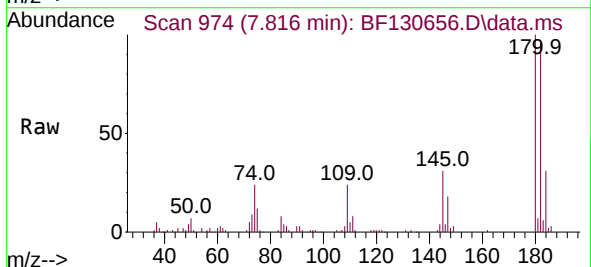
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

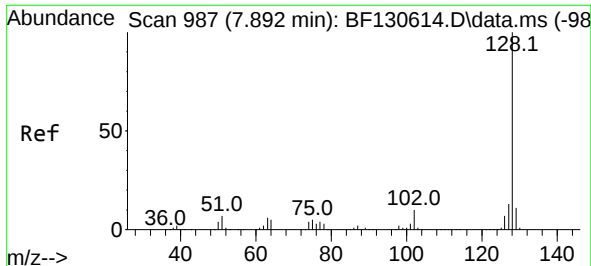
Tgt Ion:162 Resp: 66925  
Ion Ratio Lower Upper  
162 100  
164 62.8 42.8 82.8  
98 36.4 18.6 58.6



#30  
1,2,4-Trichlorobenzene  
Concen: 21.025 ng  
RT: 7.816 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:180 Resp: 78491  
Ion Ratio Lower Upper  
180 100  
182 96.1 78.0 117.0  
145 31.5 26.7 40.1

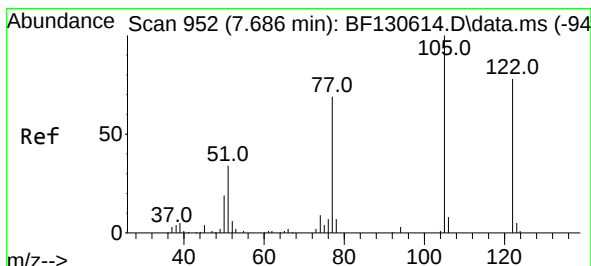
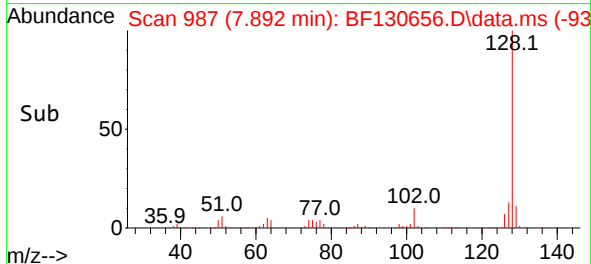
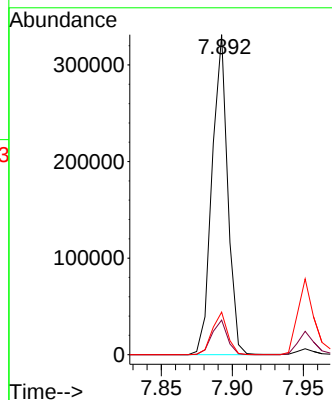
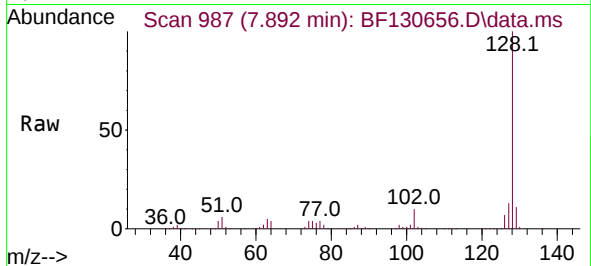




#31  
Naphthalene  
Concen: 20.035 ng  
RT: 7.892 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

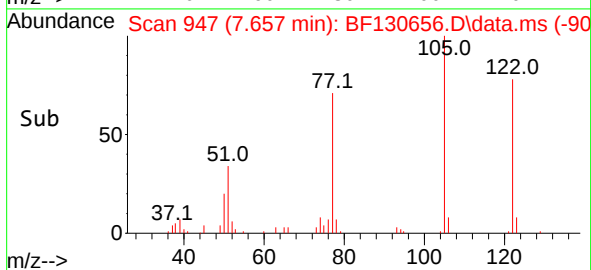
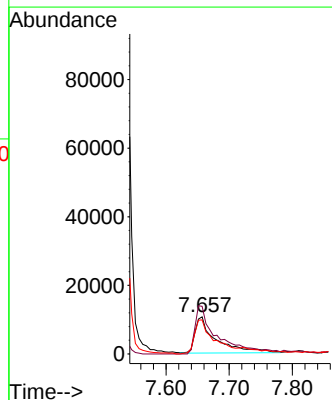
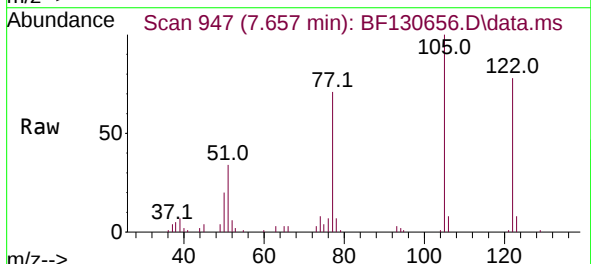
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

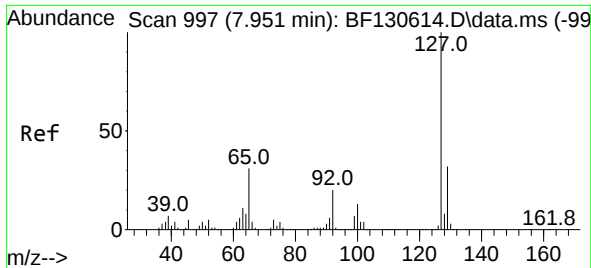
Tgt Ion:128 Resp: 254927  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.4  
127 13.3 10.3 15.5



#32  
Benzoic acid  
Concen: 12.573 ng  
RT: 7.657 min Scan# 947  
Delta R.T. -0.029 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:122 Resp: 24619  
Ion Ratio Lower Upper  
122 100  
105 128.7 104.8 144.8  
77 92.0 68.2 108.2

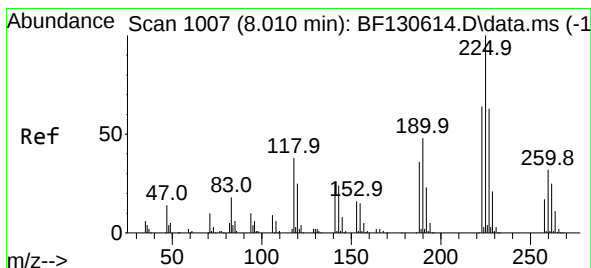
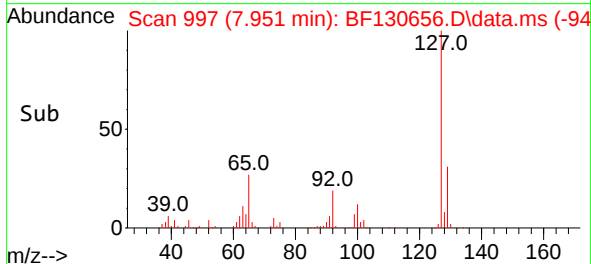
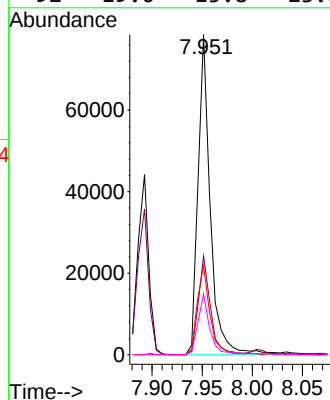
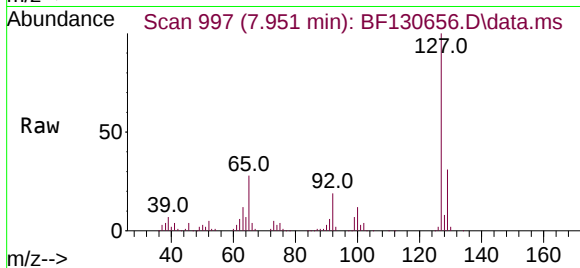




#33  
4-Chloroaniline  
Concen: 13.612 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

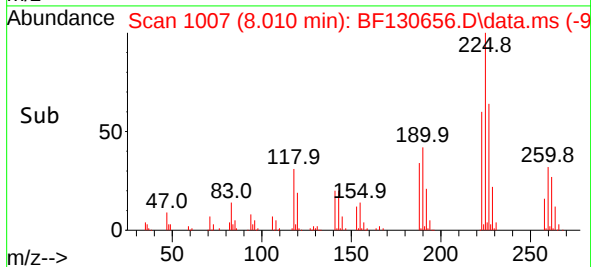
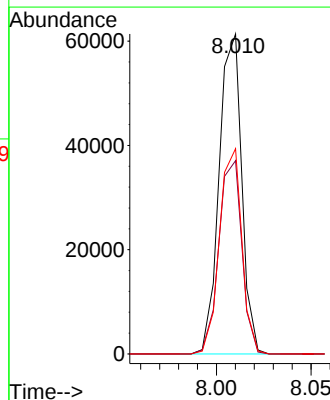
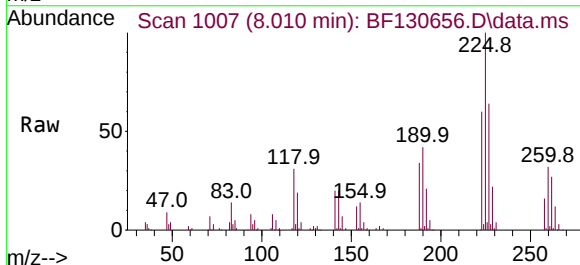
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

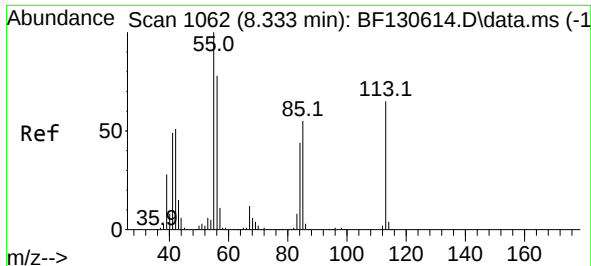
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 67095 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.9  | 25.7  | 38.5  |
| 65        | 27.8  | 24.7  | 37.1  |
| 92        | 19.0  | 15.8  | 23.8  |



#34  
Hexachlorobutadiene  
Concen: 21.960 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 50882 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.4  | 51.5  | 77.3  |
| 227       | 64.1  | 50.4  | 75.6  |

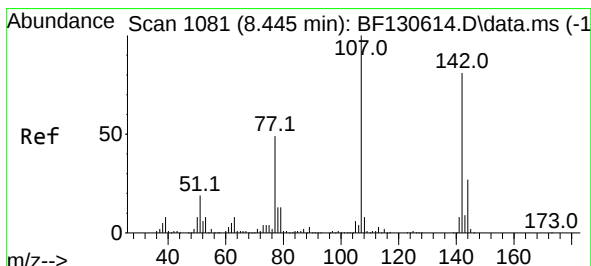
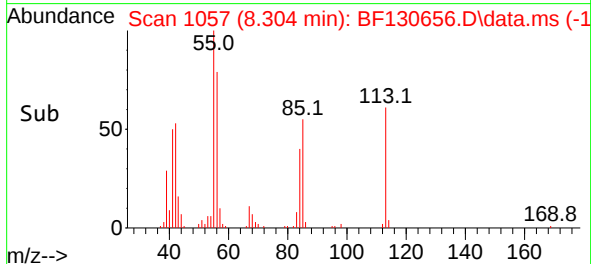
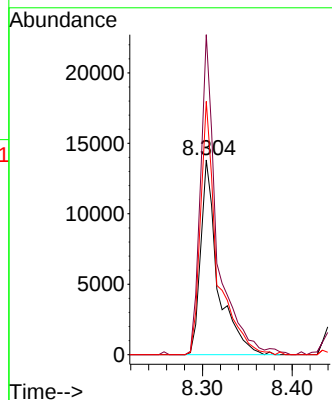
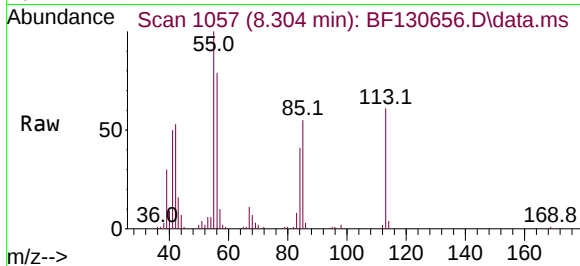




#35  
 Caprolactam  
 Concen: 17.773 ng  
 RT: 8.304 min Scan# 1057  
 Delta R.T. -0.029 min  
 Lab File: BF130656.D  
 Acq: 13 Oct 2022 20:06

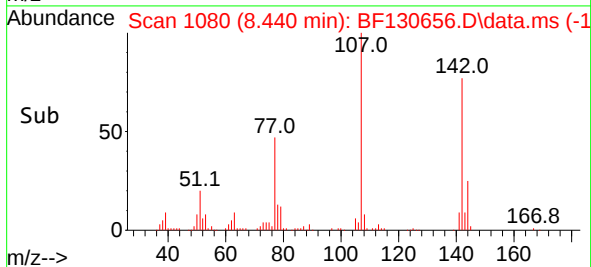
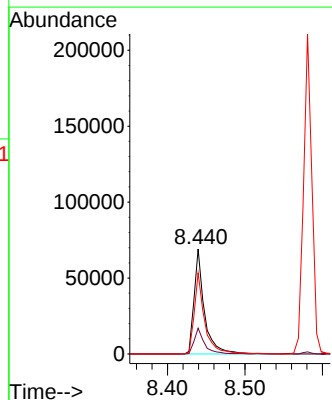
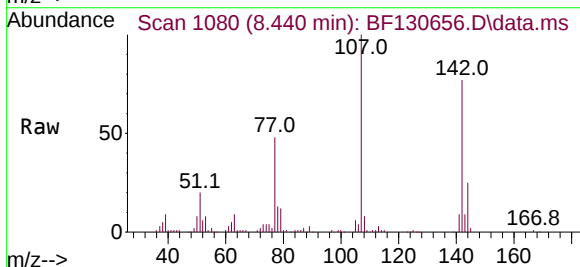
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3MS

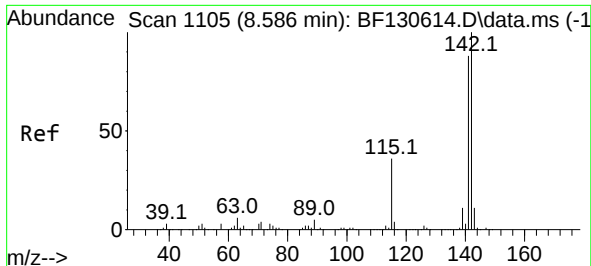
Tgt Ion:113 Resp: 18517  
 Ion Ratio Lower Upper  
 113 100  
 55 164.3 134.3 174.3  
 56 130.1 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 17.094 ng  
 RT: 8.440 min Scan# 1080  
 Delta R.T. -0.006 min  
 Lab File: BF130656.D  
 Acq: 13 Oct 2022 20:06

Tgt Ion:107 Resp: 64210  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 21.9 32.9  
 142 77.3 64.6 96.8

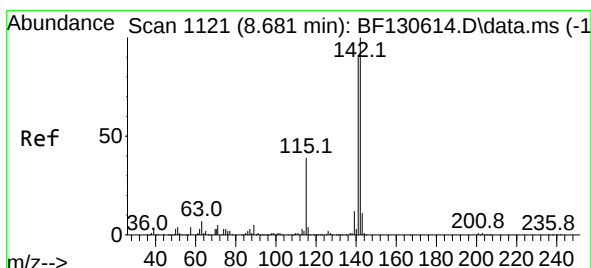
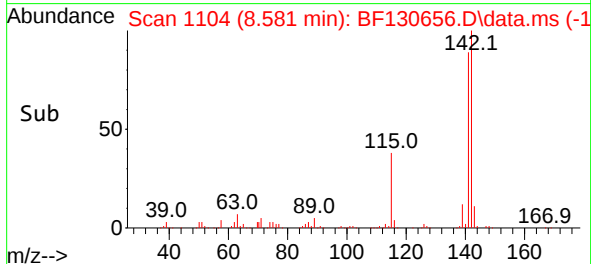
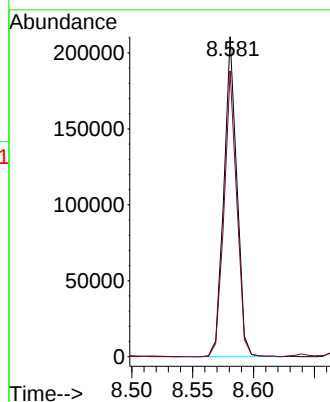
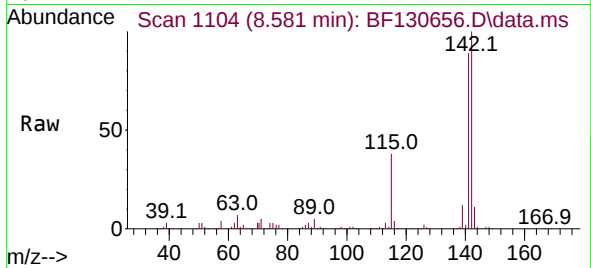




#37  
2-Methylnaphthalene  
Concen: 19.620 ng  
RT: 8.581 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

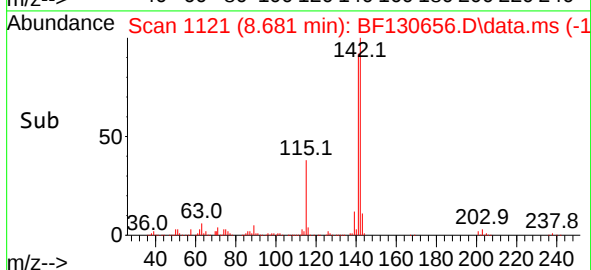
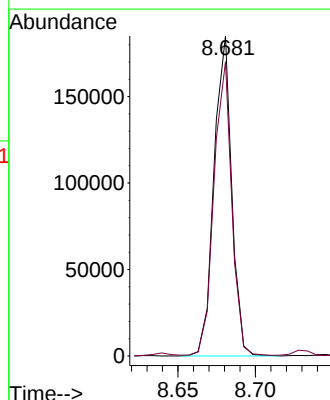
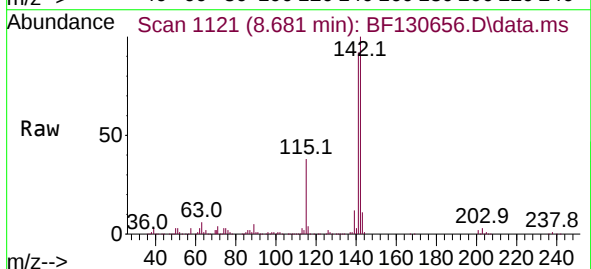
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

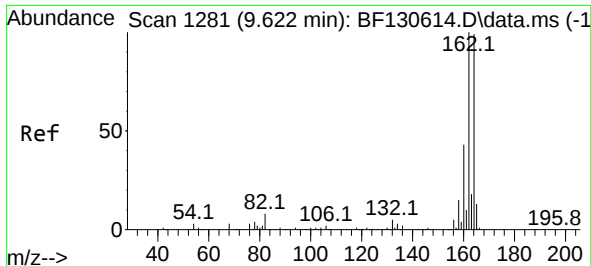
Tgt Ion:142 Resp: 157107  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.7 106.1



#38  
1-Methylnaphthalene  
Concen: 18.935 ng  
RT: 8.681 min Scan# 1121  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:142 Resp: 147192  
Ion Ratio Lower Upper  
142 100  
141 91.9 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.616 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

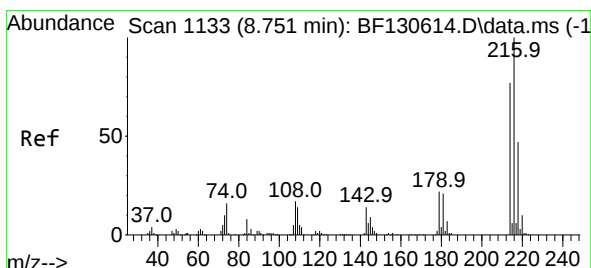
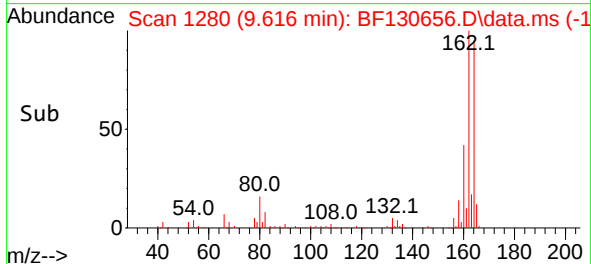
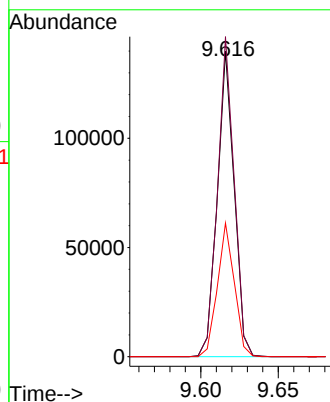
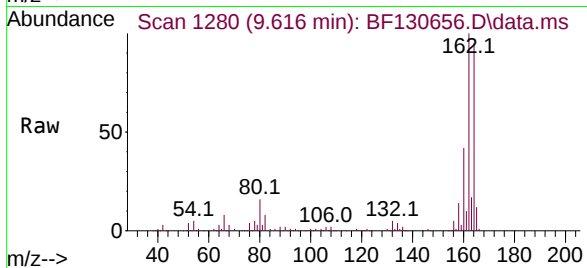
Tgt Ion:164 Resp: 106006

Ion Ratio Lower Upper

164 100

162 104.8 81.0 121.4

160 43.8 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.656 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Tgt Ion:216 Resp: 70911

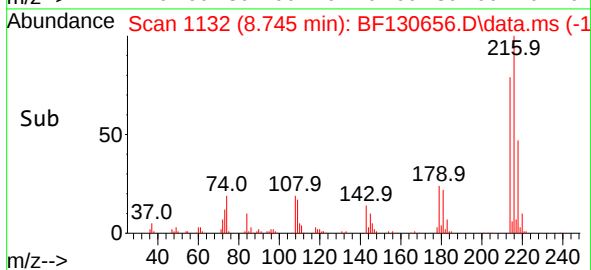
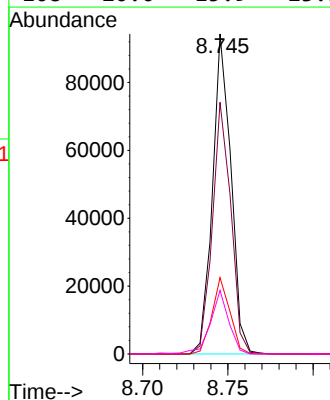
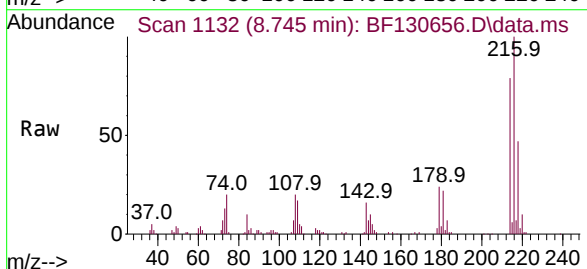
Ion Ratio Lower Upper

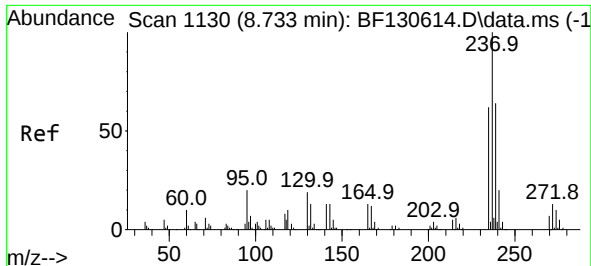
216 100

214 78.7 62.1 93.1

179 23.3 18.6 27.8

108 20.0 15.9 23.9

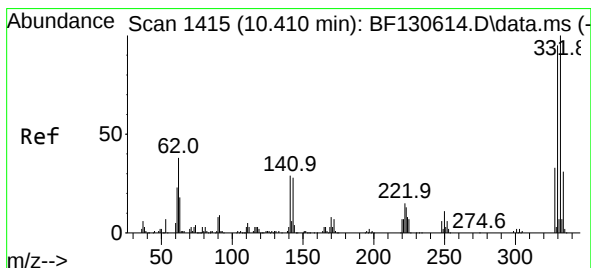
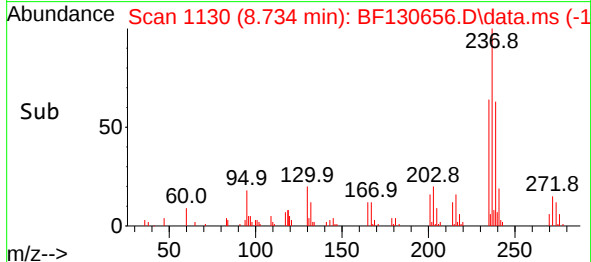
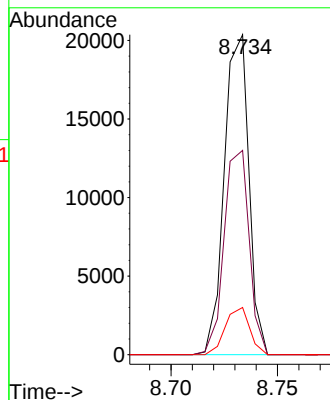
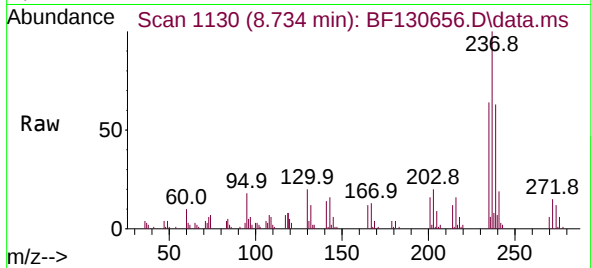




#41  
Hexachlorocyclopentadiene  
Concen: 22.979 ng  
RT: 8.734 min Scan# 1130  
Delta R.T. 0.001 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

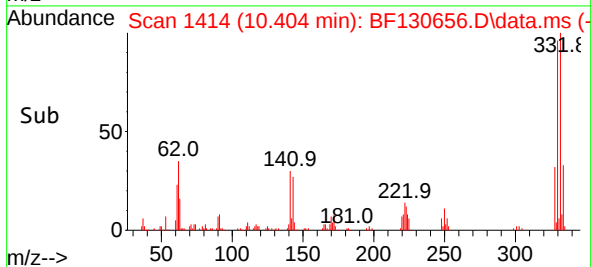
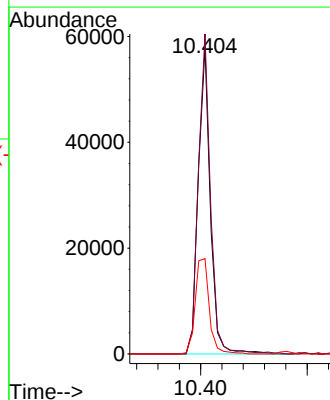
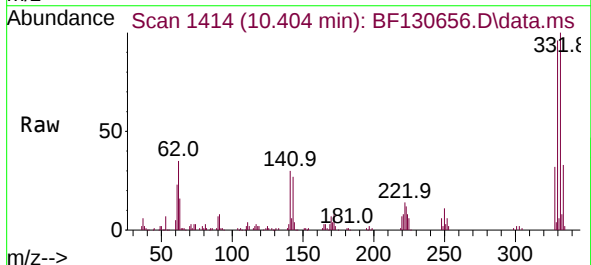
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

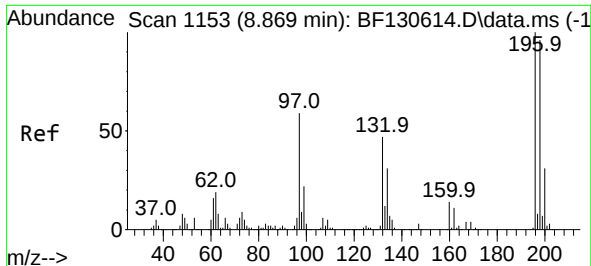
Tgt Ion:237 Resp: 16346  
Ion Ratio Lower Upper  
237 100  
235 63.8 42.2 82.2  
272 14.7 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 44.103 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:330 Resp: 45746  
Ion Ratio Lower Upper  
330 100  
332 104.7 84.2 126.4  
141 36.1 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 21.390 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

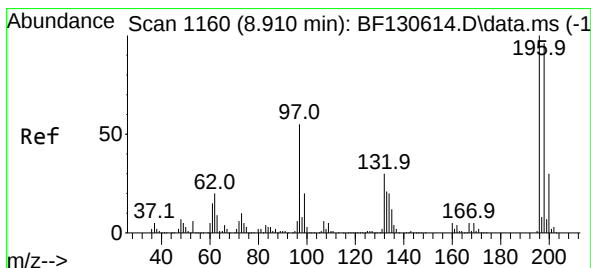
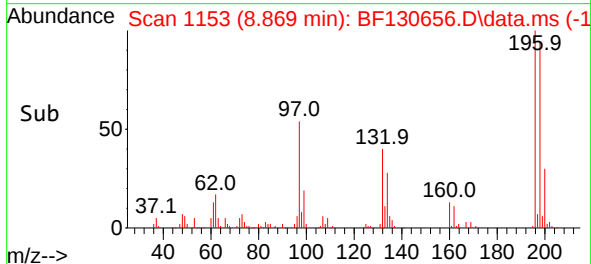
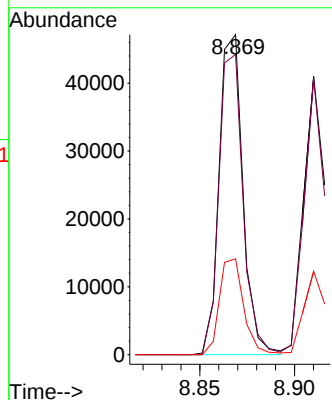
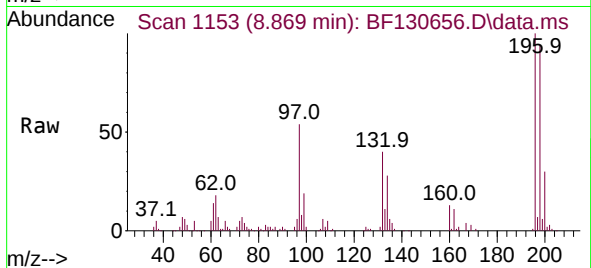
Tgt Ion:196 Resp: 41306

Ion Ratio Lower Upper

196 100

198 93.9 76.6 115.0

200 30.0 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 19.707 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Tgt Ion:196 Resp: 41852

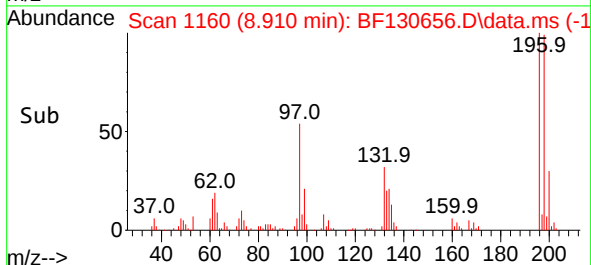
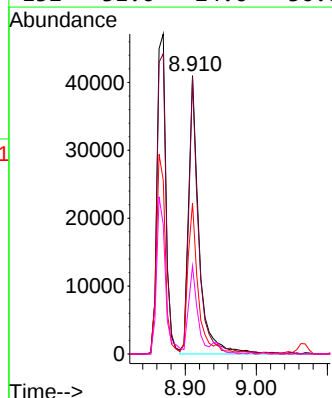
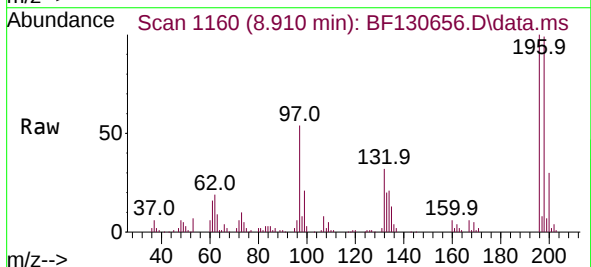
Ion Ratio Lower Upper

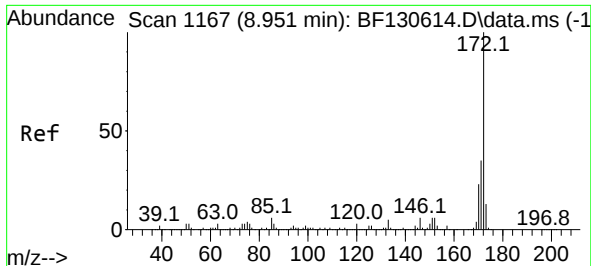
196 100

198 99.5 76.6 114.8

97 54.2 44.3 66.5

132 31.6 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 30.688 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

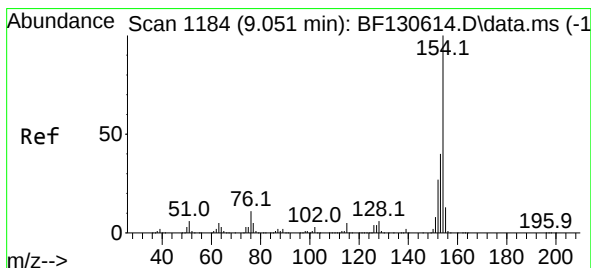
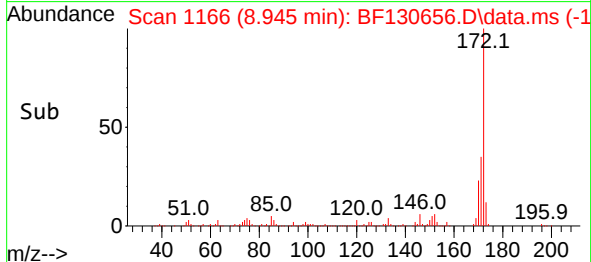
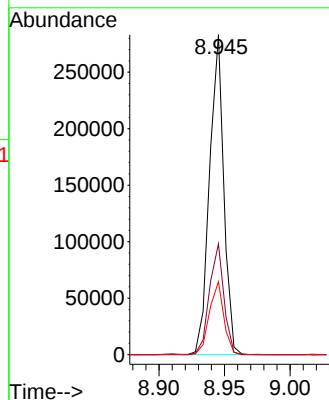
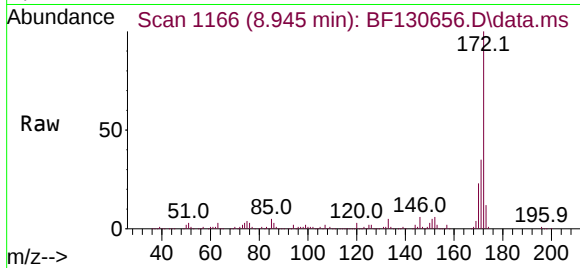
Tgt Ion:172 Resp: 214761

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 22.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 24.356 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

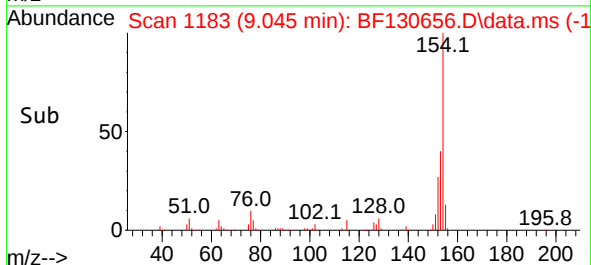
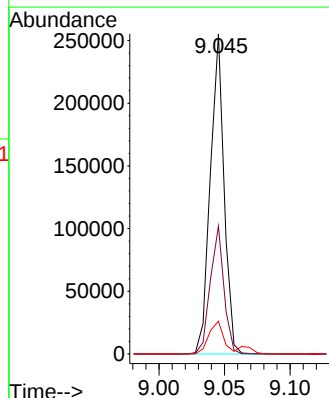
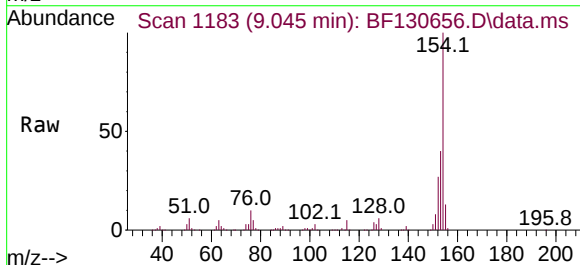
Tgt Ion:154 Resp: 187109

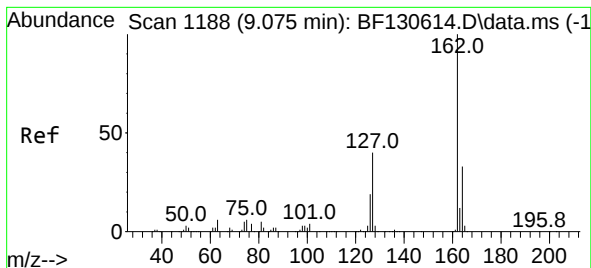
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 10.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 22.424 ng

RT: 9.069 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

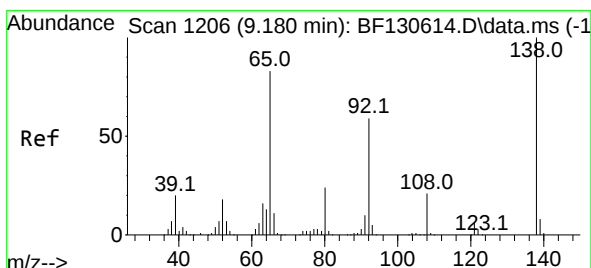
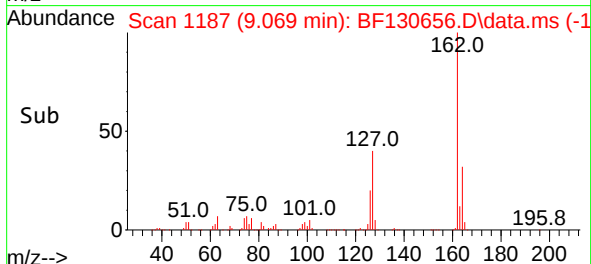
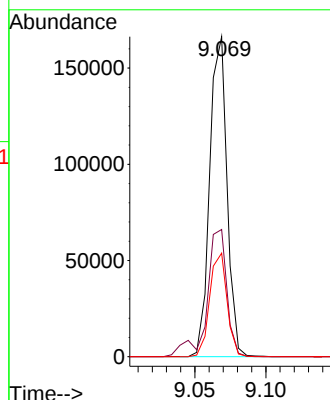
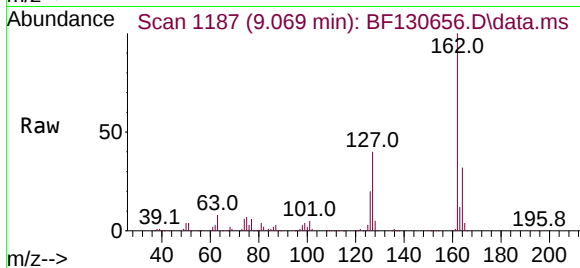
Tgt Ion:162 Resp: 140794

Ion Ratio Lower Upper

162 100

127 39.8 32.6 49.0

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 20.292 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.005 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

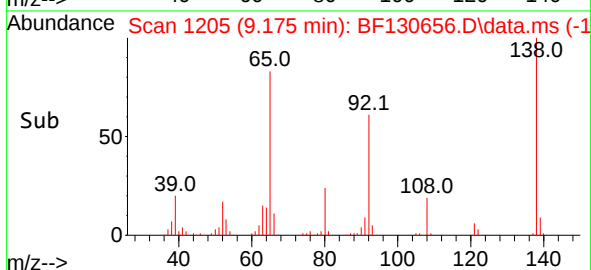
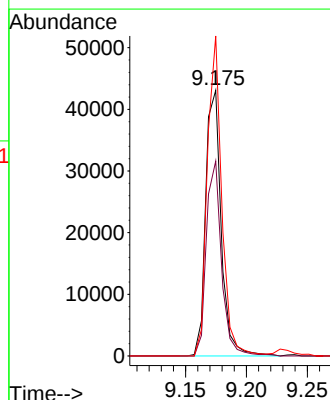
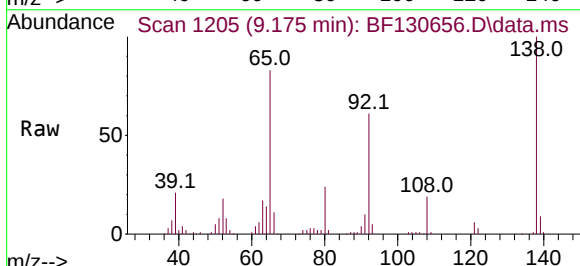
Tgt Ion: 65 Resp: 38353

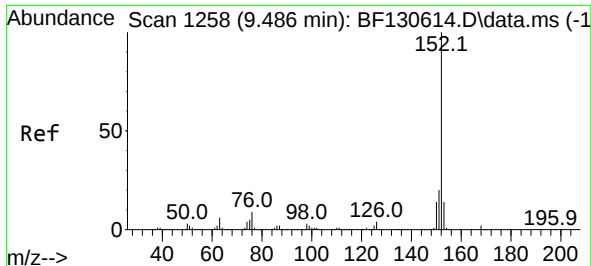
Ion Ratio Lower Upper

65 100

92 73.4 57.4 86.0

138 120.5 96.7 145.1





#49

Acenaphthylene

Concen: 21.557 ng

RT: 9.481 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

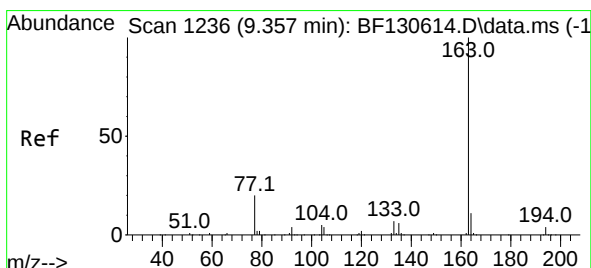
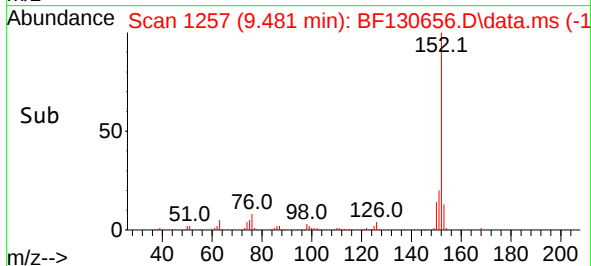
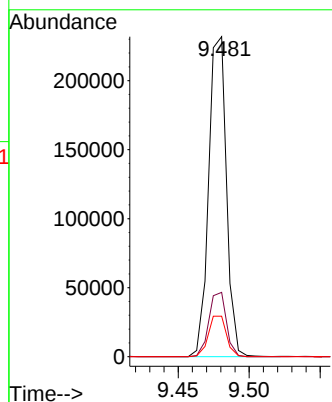
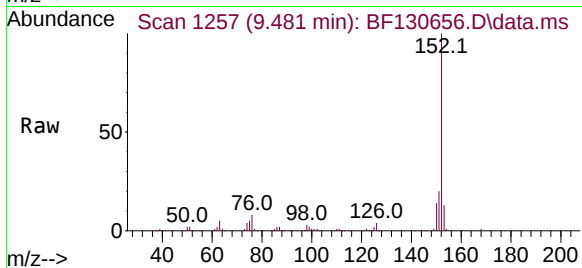
Tgt Ion:152 Resp: 202800

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 12.6 10.8 16.2



#50

Dimethylphthalate

Concen: 22.104 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

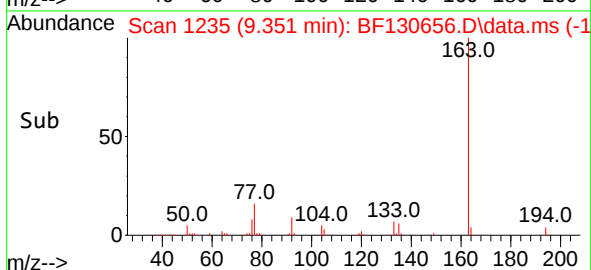
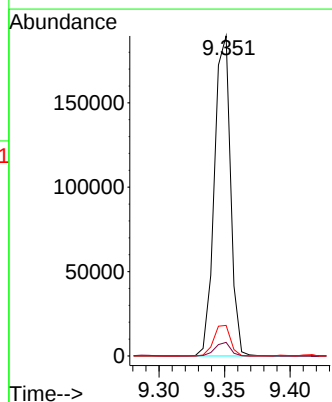
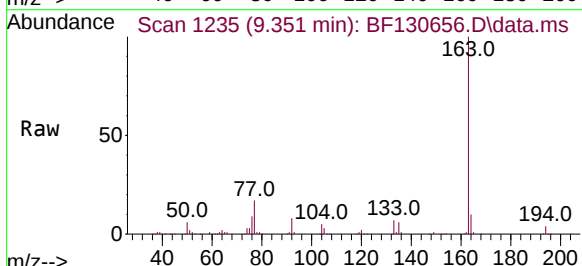
Tgt Ion:163 Resp: 162201

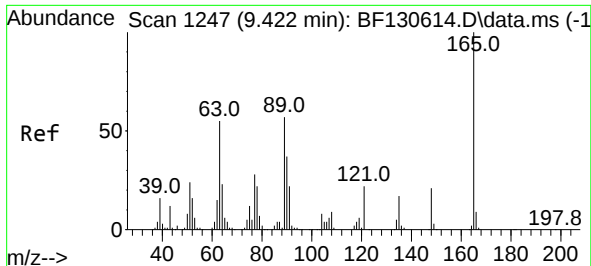
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 9.6 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 20.585 ng

RT: 9.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

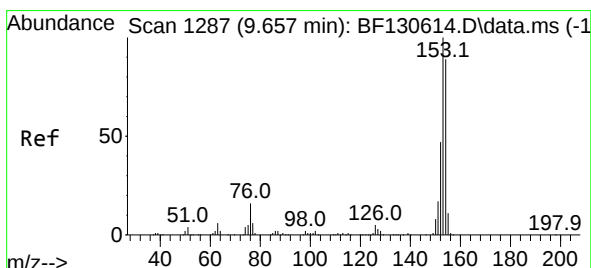
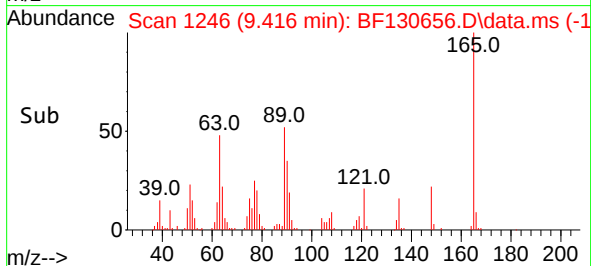
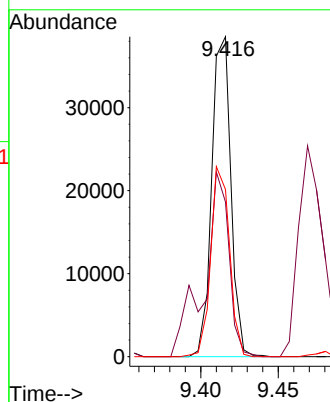
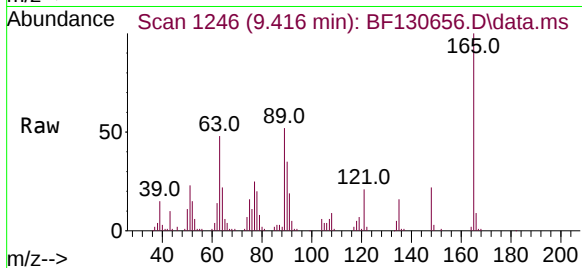
Tgt Ion:165 Resp: 33135

Ion Ratio Lower Upper

165 100

63 48.4 45.3 67.9

89 52.2 45.6 68.4



#52

Acenaphthene

Concen: 21.024 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

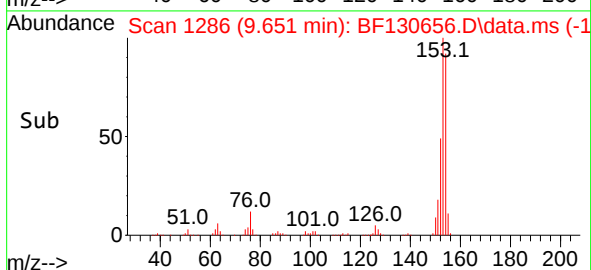
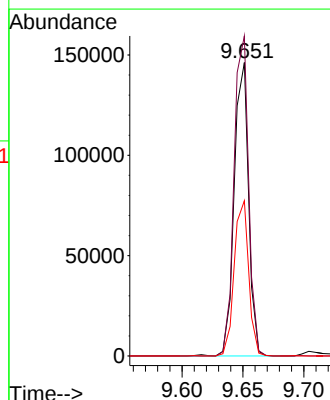
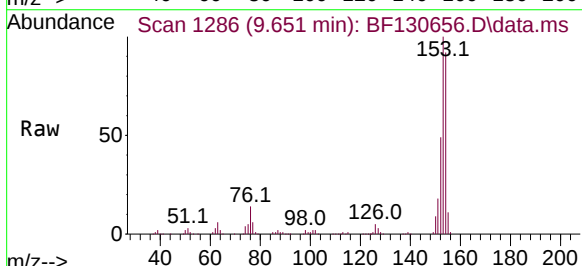
Tgt Ion:154 Resp: 119834

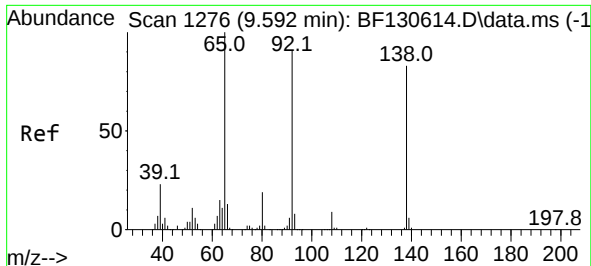
Ion Ratio Lower Upper

154 100

153 109.1 89.6 134.4

152 52.9 42.4 63.6

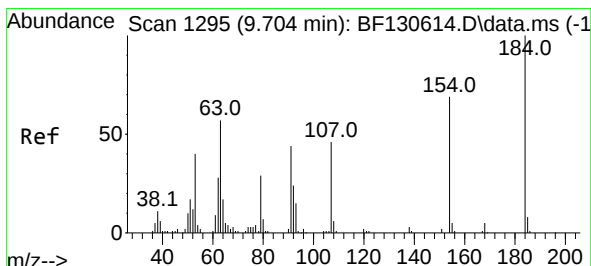
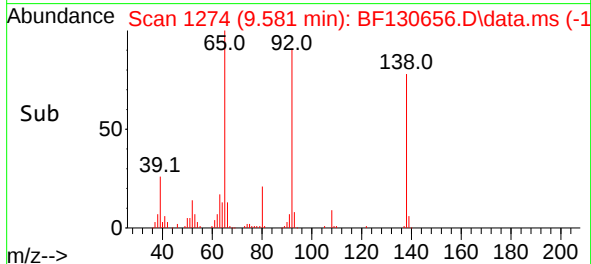
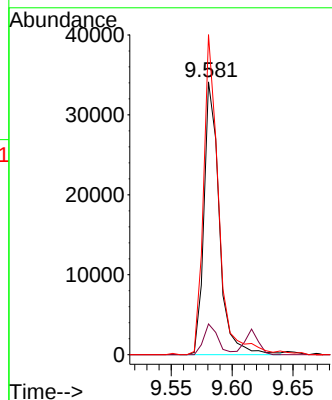
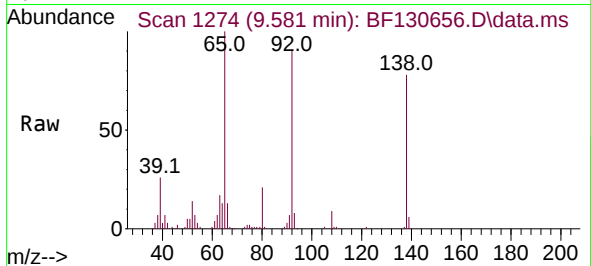




#53  
3-Nitroaniline  
Concen: 16.863 ng  
RT: 9.581 min Scan# 1274  
Delta R.T. -0.012 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

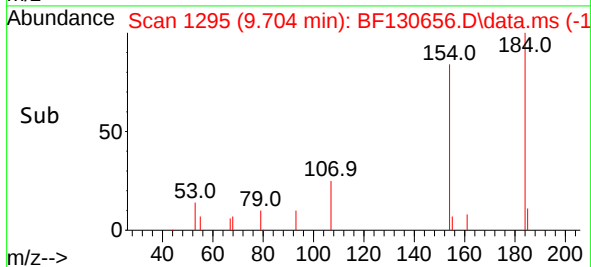
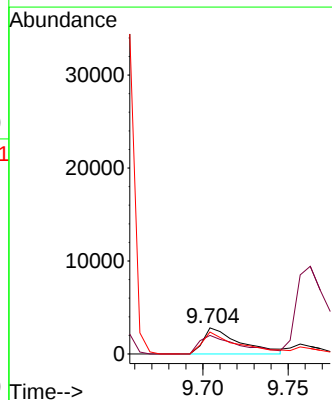
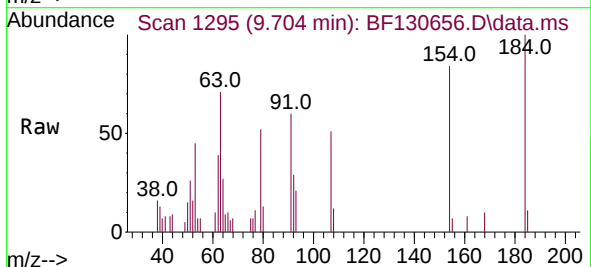
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

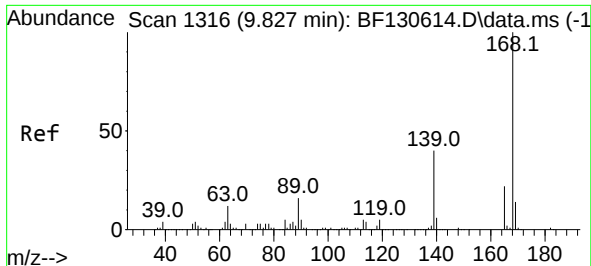
Tgt Ion:138 Resp: 29753  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.4 12.6  
92 117.3 88.2 132.4



#54  
2,4-Dinitrophenol  
Concen: 9.713 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:184 Resp: 4145  
Ion Ratio Lower Upper  
184 100  
63 70.8 45.5 68.3#  
154 83.7 55.1 82.7#

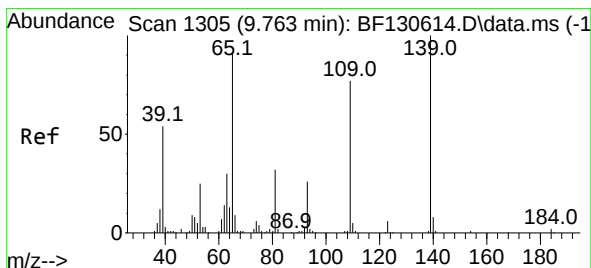
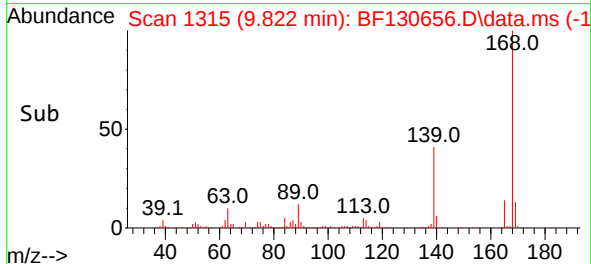
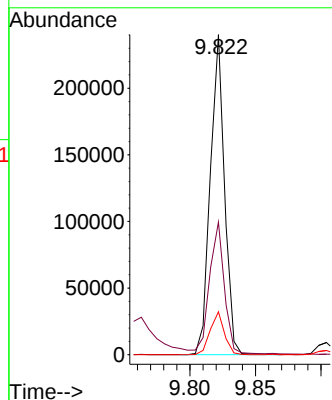
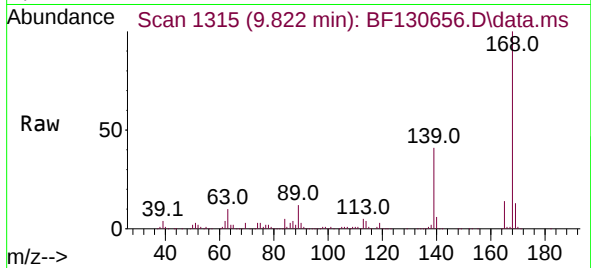




#55  
Dibenzenofuran  
Concen: 20.896 ng  
RT: 9.822 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

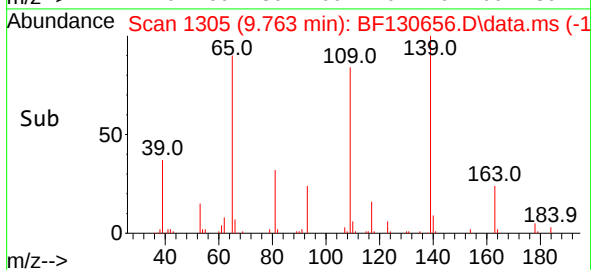
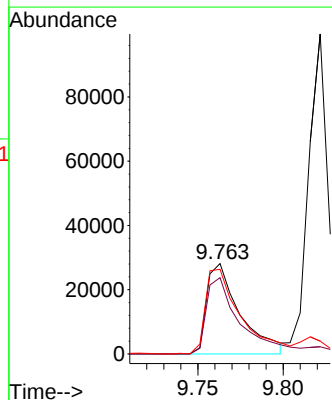
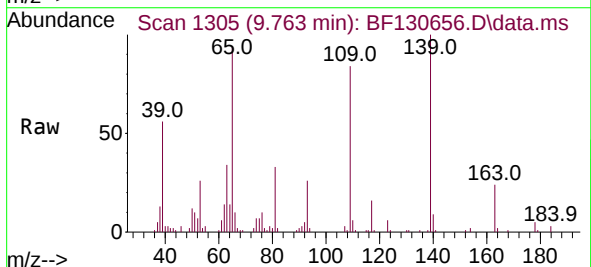
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

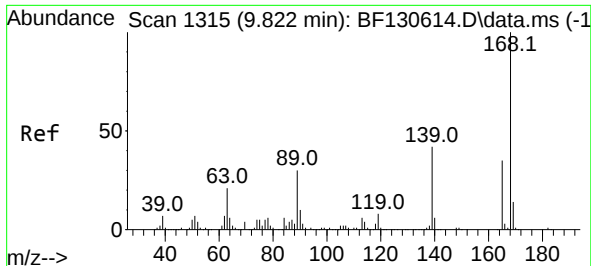
Tgt Ion:168 Resp: 181446  
Ion Ratio Lower Upper  
168 100  
139 41.5 33.0 49.4  
169 13.4 10.9 16.3



#56  
4-Nitrophenol  
Concen: 39.140 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:139 Resp: 38078  
Ion Ratio Lower Upper  
139 100  
109 84.4 57.4 97.4  
65 93.6 71.3 111.3

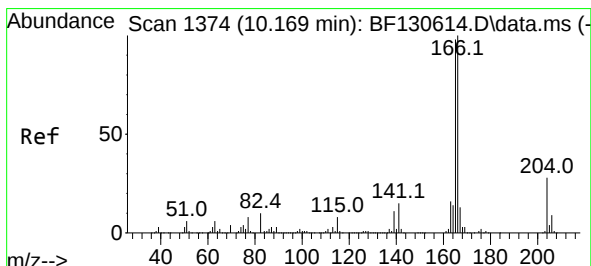
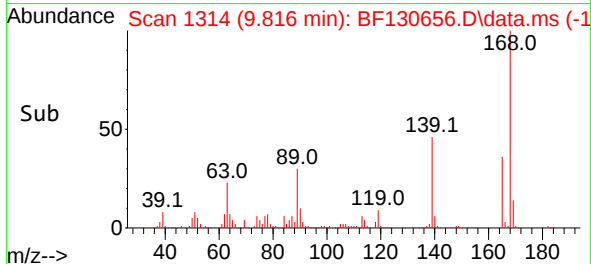
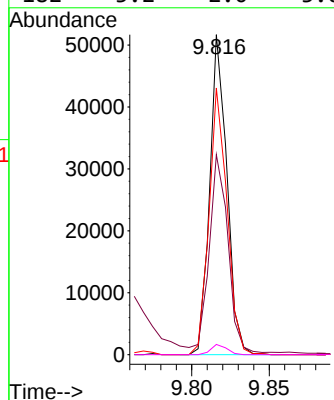
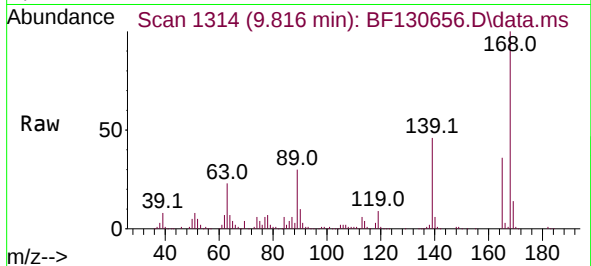




#57  
2,4-Dinitrotoluene  
Concen: 19.286 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

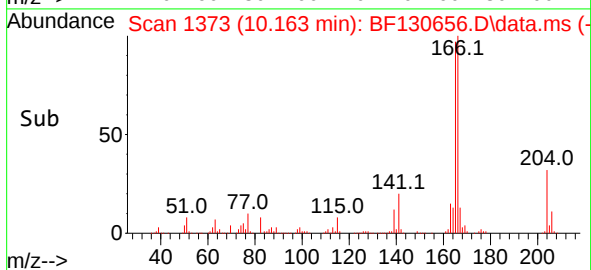
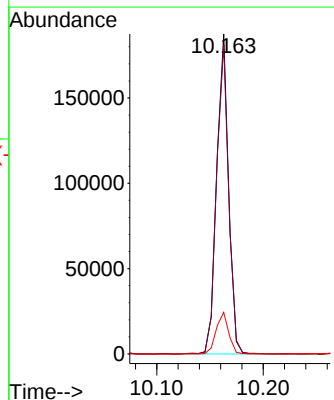
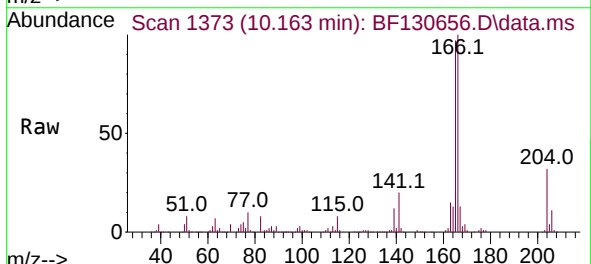
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

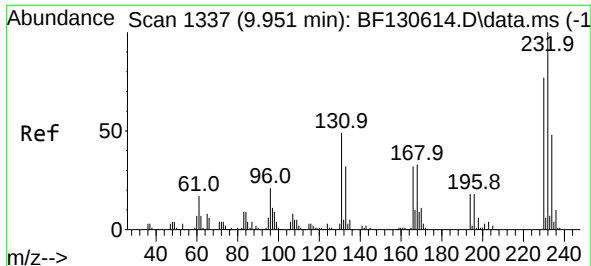
Tgt Ion:165 Resp: 39897  
Ion Ratio Lower Upper  
165 100  
63 62.5 50.6 76.0  
89 83.4 68.6 102.8  
182 3.2 2.0 3.0#



#58  
Fluorene  
Concen: 20.303 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:166 Resp: 144933  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.2 117.4  
167 13.0 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 17.458 ng

RT: 9.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

Tgt Ion:232 Resp: 29558

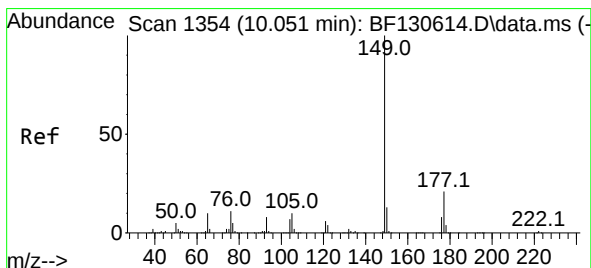
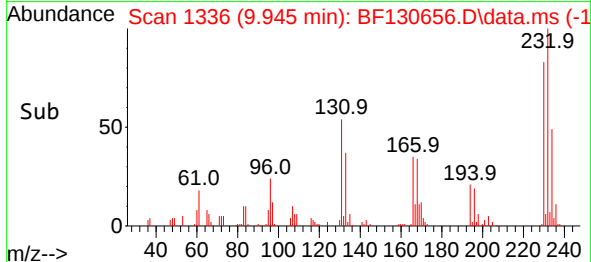
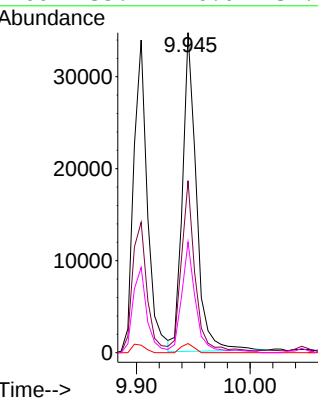
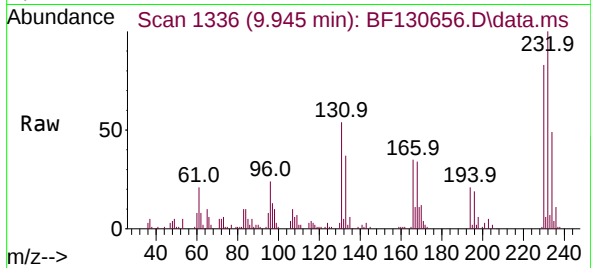
Ion Ratio Lower Upper

232 100

131 54.0 41.4 62.0

130 2.6 2.1 3.1

166 35.2 26.0 39.0



#60

Diethylphthalate

Concen: 20.179 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

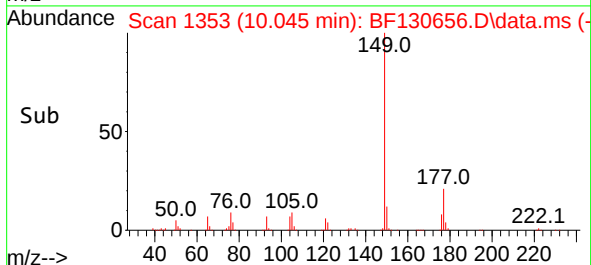
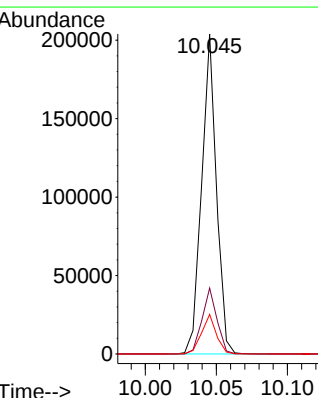
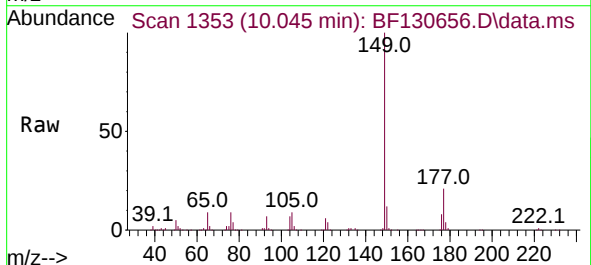
Tgt Ion:149 Resp: 147741

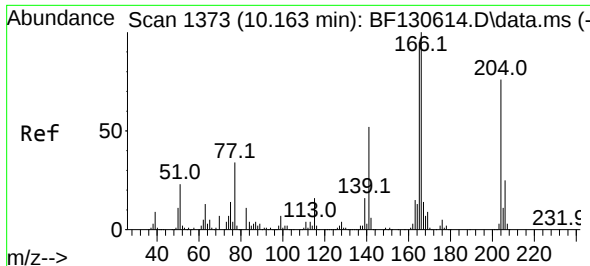
Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

150 12.4 10.5 15.7

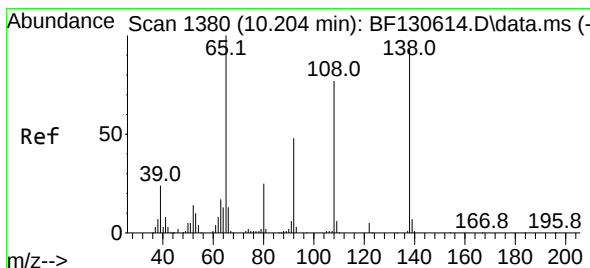
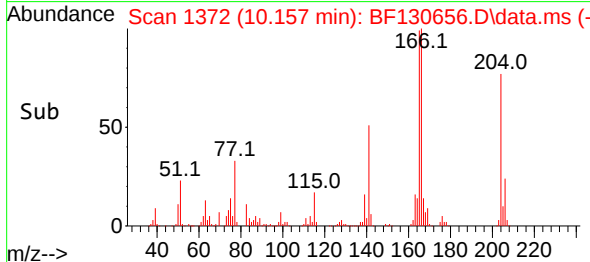
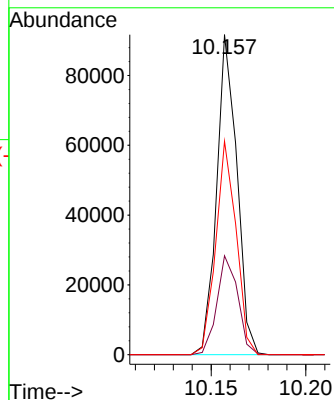
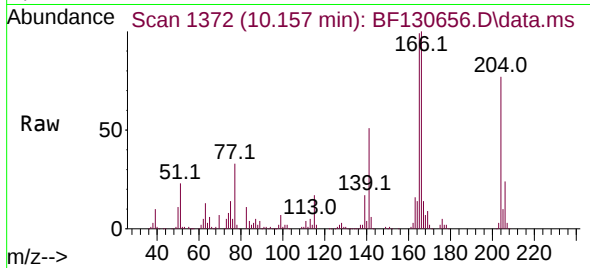




#61  
4-Chlorophenyl-phenylether  
Concen: 21.130 ng  
RT: 10.157 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

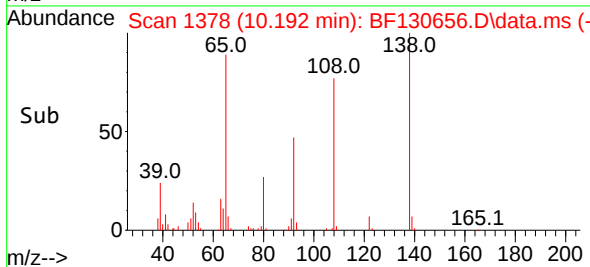
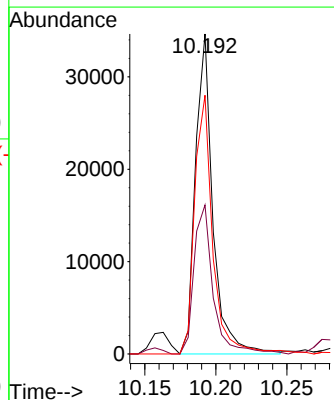
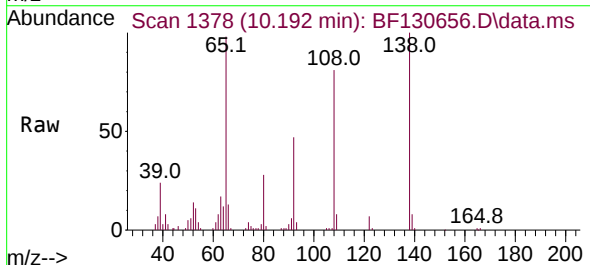
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

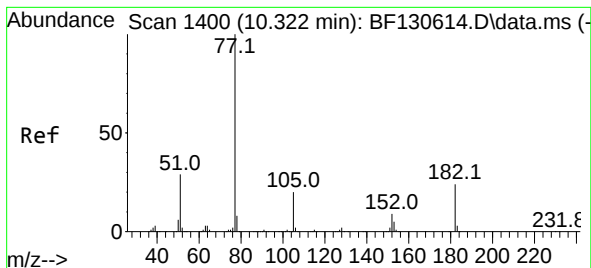
Tgt Ion:204 Resp: 68197  
Ion Ratio Lower Upper  
204 100  
206 30.9 26.1 39.1  
141 66.7 54.6 81.8



#62  
4-Nitroaniline  
Concen: 17.591 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. -0.012 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:138 Resp: 29634  
Ion Ratio Lower Upper  
138 100  
92 46.6 31.1 71.1  
108 80.8 62.1 102.1





#63

Azobenzene

Concen: 18.421 ng

RT: 10.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

Tgt Ion: 77 Resp: 127032

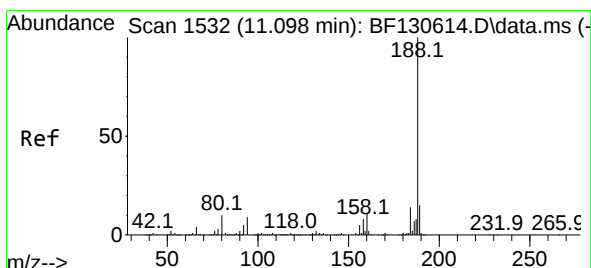
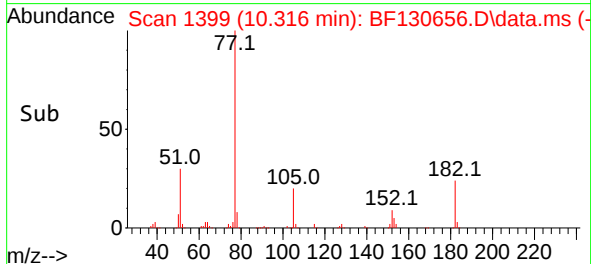
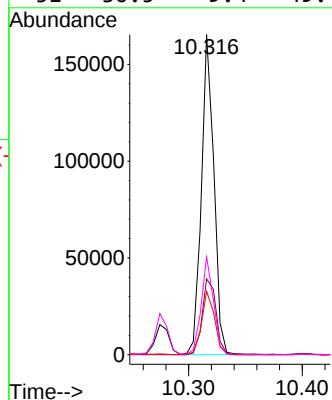
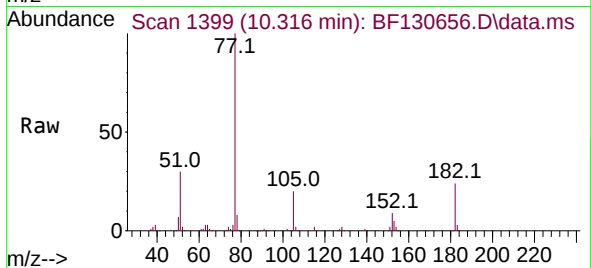
Ion Ratio Lower Upper

77 100

182 23.7 3.8 43.8

105 19.8 0.3 40.3

51 30.5 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

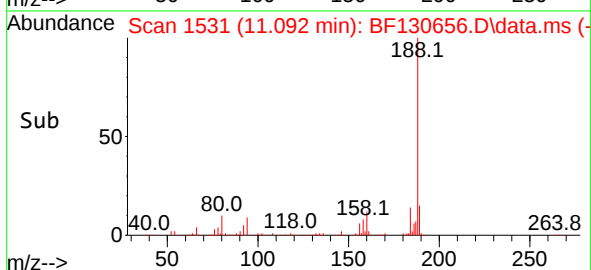
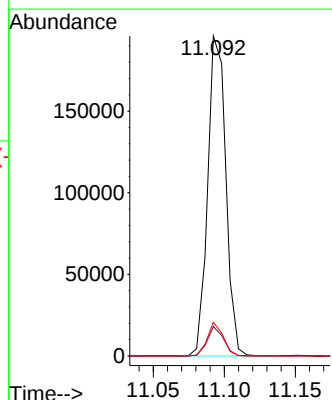
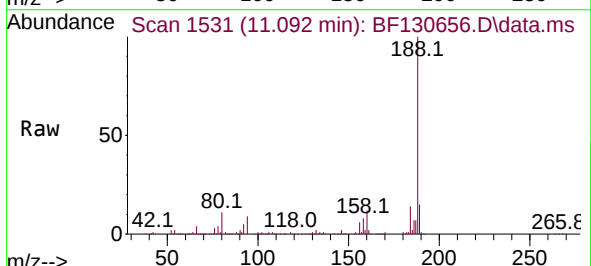
Tgt Ion: 188 Resp: 173855

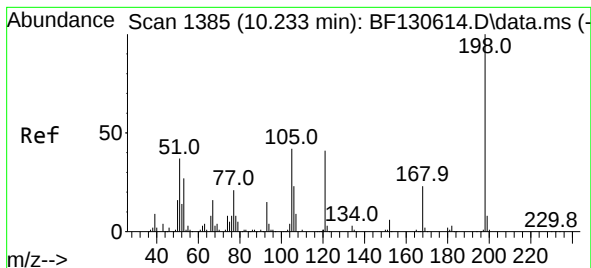
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.5 8.0 12.0

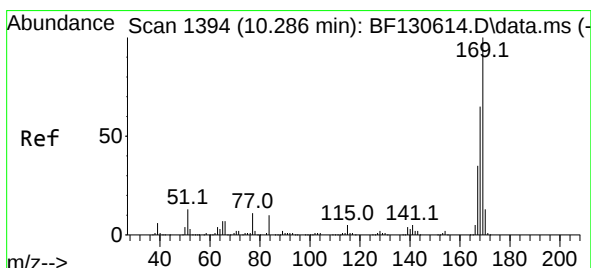
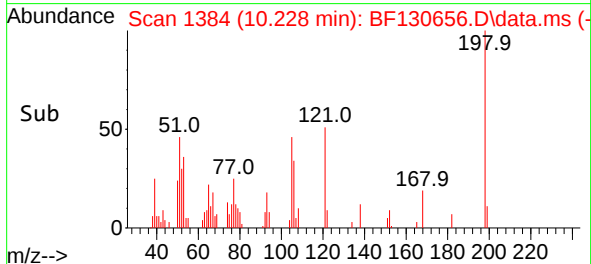
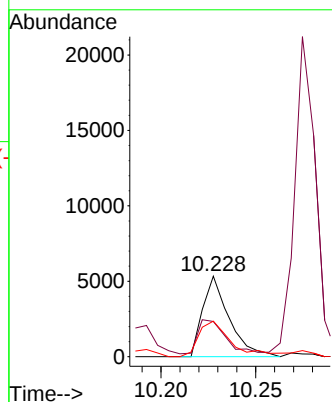
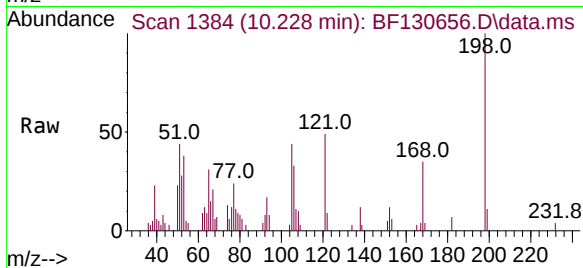




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.771 ng  
RT: 10.228 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

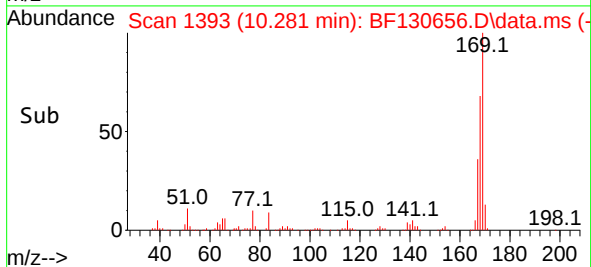
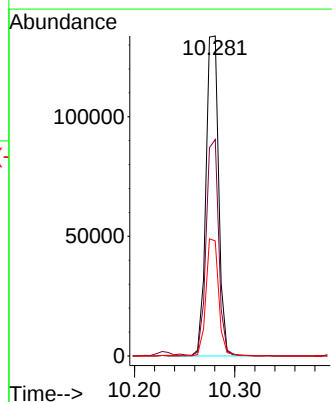
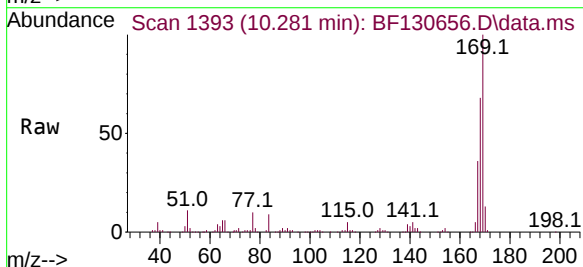
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

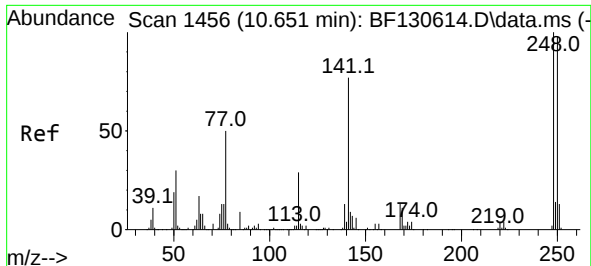
Tgt Ion:198 Resp: 5184  
Ion Ratio Lower Upper  
198 100  
51 43.7 18.7 58.7  
105 44.1 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 20.491 ng  
RT: 10.281 min Scan# 1393  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:169 Resp: 118500  
Ion Ratio Lower Upper  
169 100  
168 67.6 52.2 78.4  
167 36.0 28.3 42.5

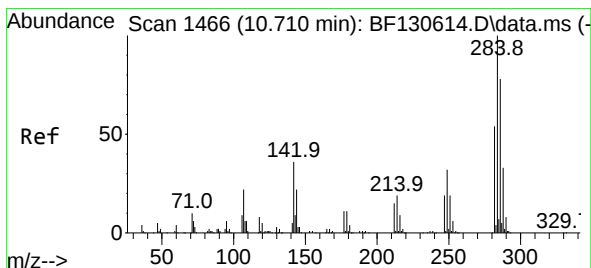
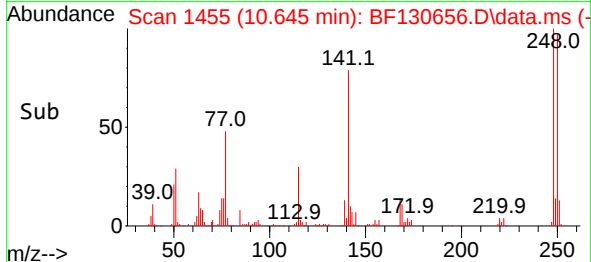
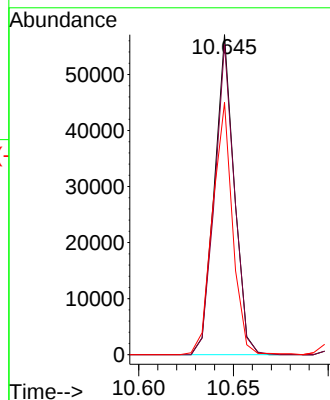
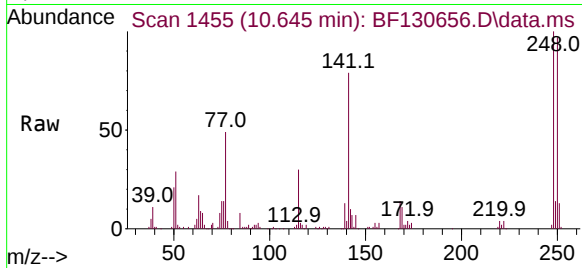




#67  
4-Bromophenyl-phenylether  
Concen: 21.136 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

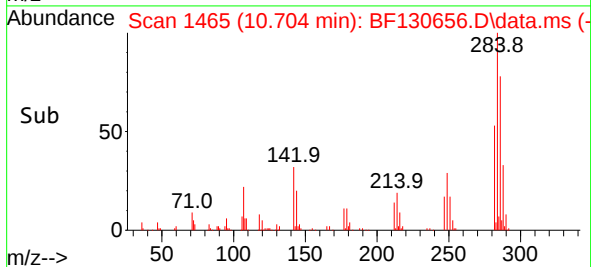
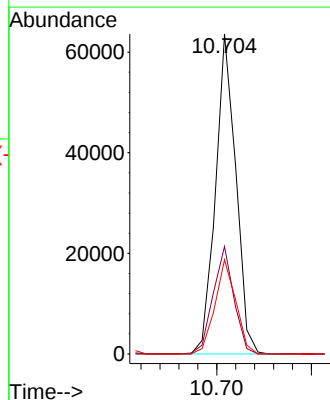
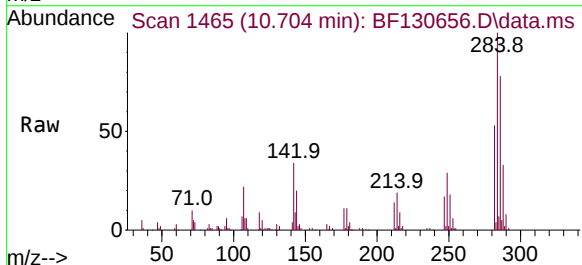
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

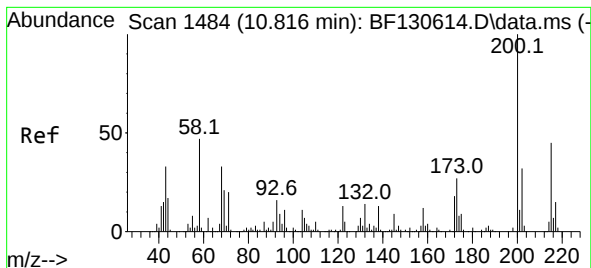
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 41577 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 97.1  | 78.7  | 118.1 |
| 141       | 78.8  | 61.6  | 92.4  |



#68  
Hexachlorobenzene  
Concen: 21.267 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 47291 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 33.6  | 28.6  | 42.8  |
| 249       | 29.5  | 25.2  | 37.8  |





#69

Atrazine

Concen: 24.482 ng

RT: 10.810 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

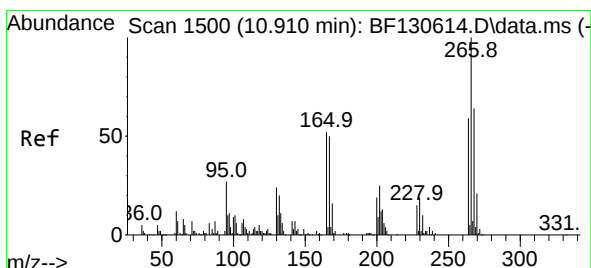
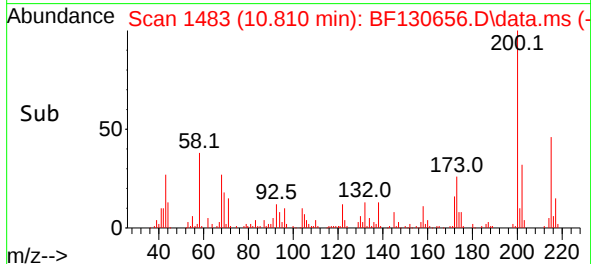
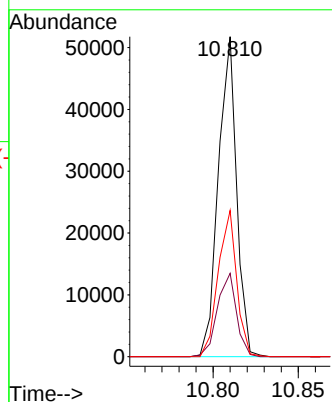
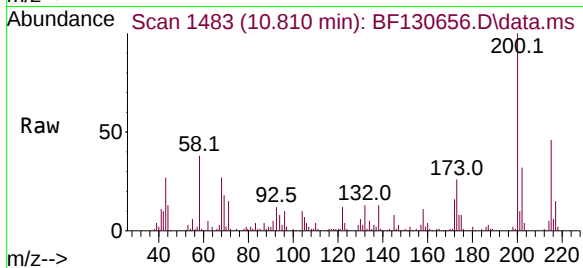
Tgt Ion:200 Resp: 38554

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

215 45.7 24.9 64.9



#70

Pentachlorophenol

Concen: 47.382 ng

RT: 10.910 min Scan# 1500

Delta R.T. -0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

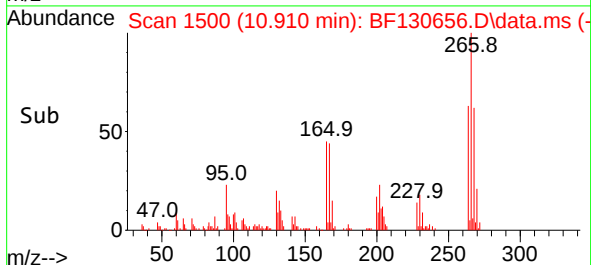
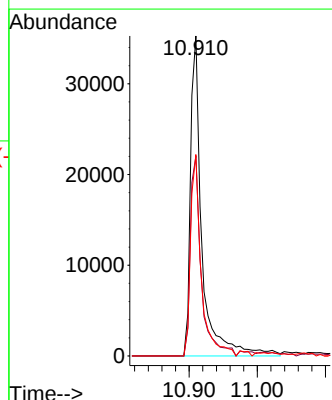
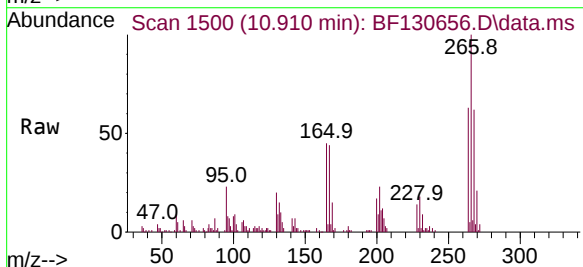
Tgt Ion:266 Resp: 41008

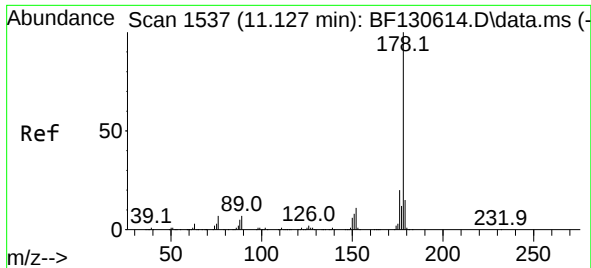
Ion Ratio Lower Upper

266 100

268 62.5 50.8 76.2

264 62.9 47.5 71.3

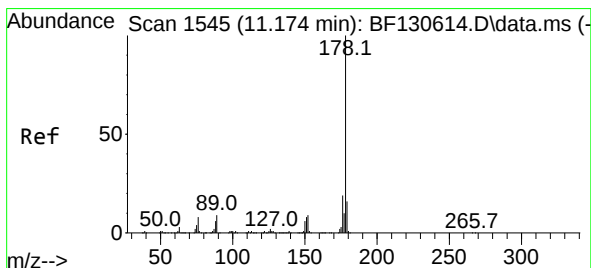
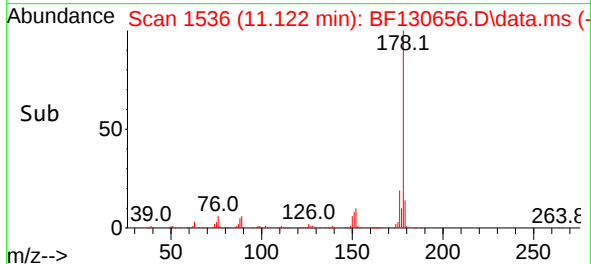
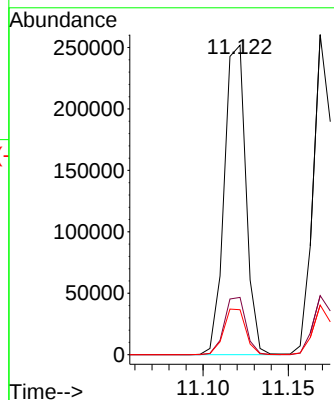
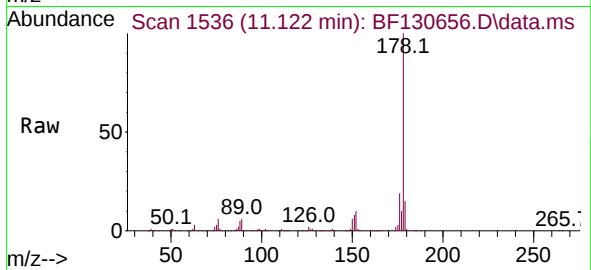




#71  
Phenanthrene  
Concen: 23.128 ng  
RT: 11.122 min Scan# 1536  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

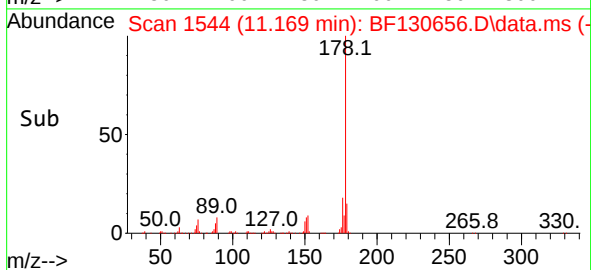
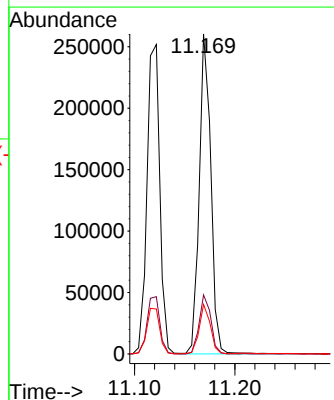
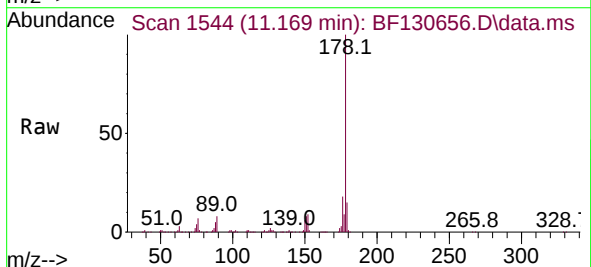
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

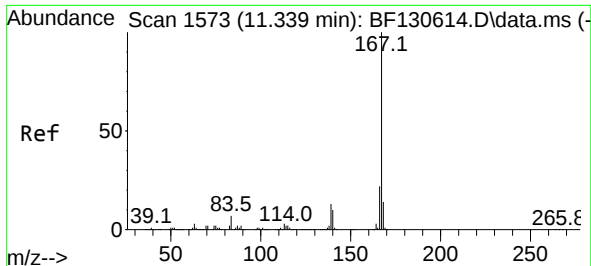
Tgt Ion:178 Resp: 222769  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.7 23.5  
179 14.5 12.2 18.4



#72  
Anthracene  
Concen: 22.177 ng  
RT: 11.169 min Scan# 1544  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:178 Resp: 208620  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.4  
179 15.5 12.5 18.7

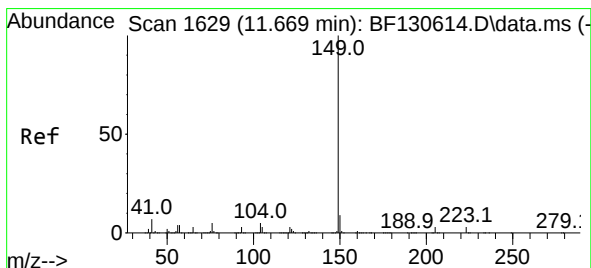
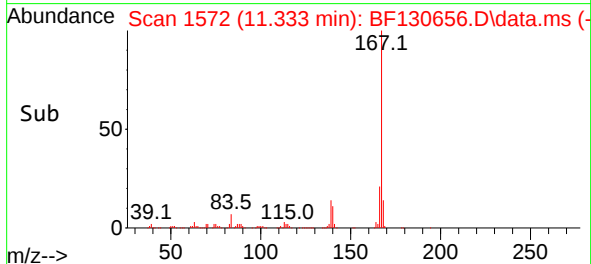
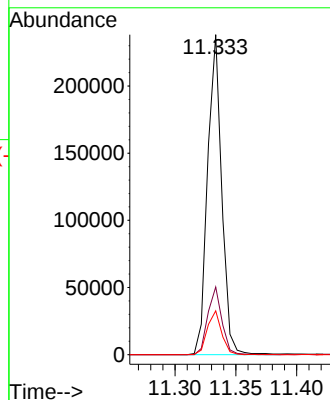
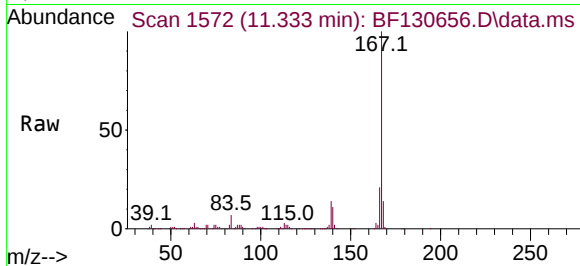




#73  
Carbazole  
Concen: 22.833 ng  
RT: 11.333 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

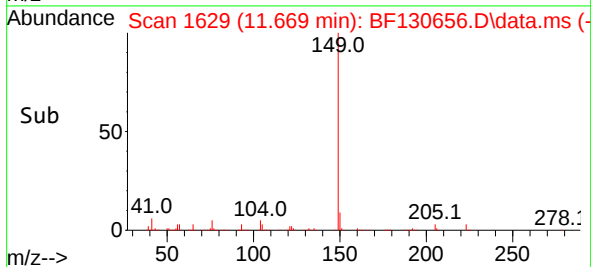
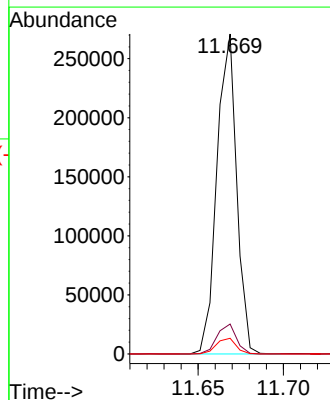
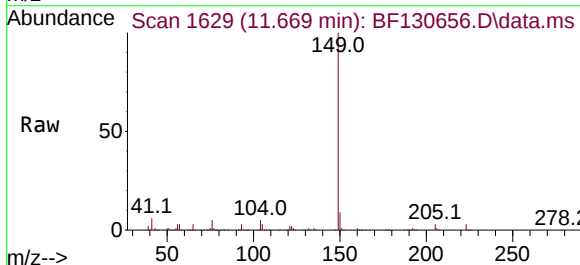
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

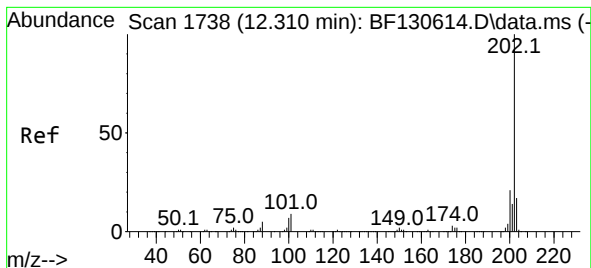
Tgt Ion:167 Resp: 191661  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.3 25.9  
139 13.7 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 21.442 ng  
RT: 11.669 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:149 Resp: 218023  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 29.656 ng

RT: 12.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

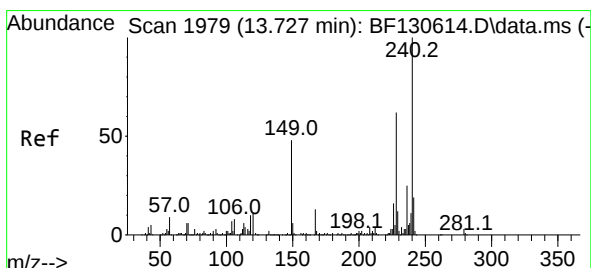
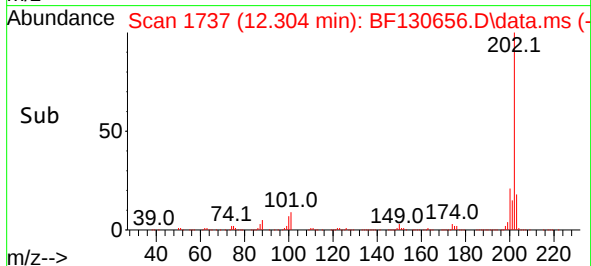
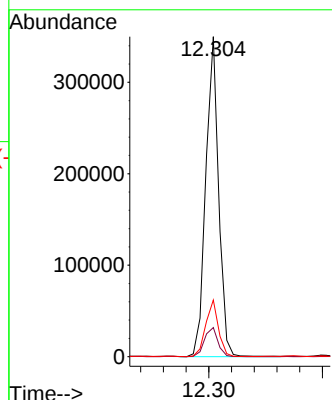
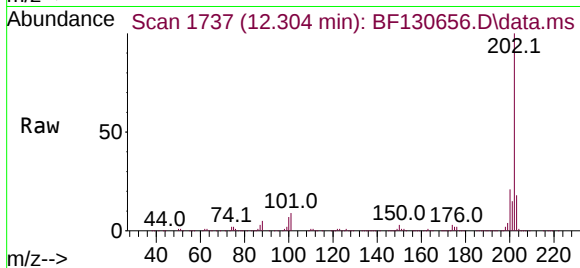
Tgt Ion:202 Resp: 274543

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.1

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.727 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

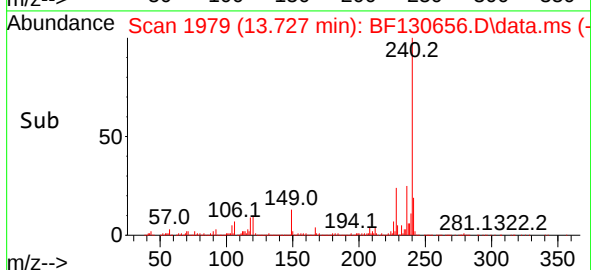
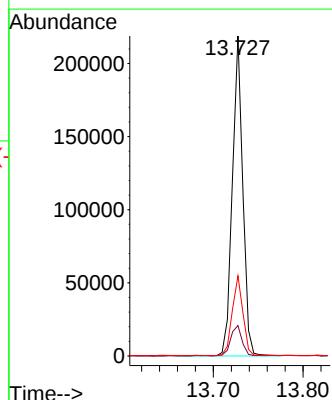
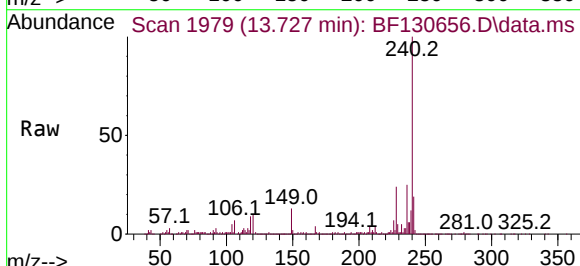
Tgt Ion:240 Resp: 177002

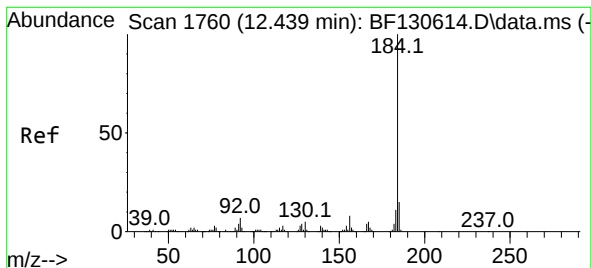
Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

236 25.1 20.2 30.4





#77

Benzidine

Concen: 16.346 ng

RT: 12.439 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

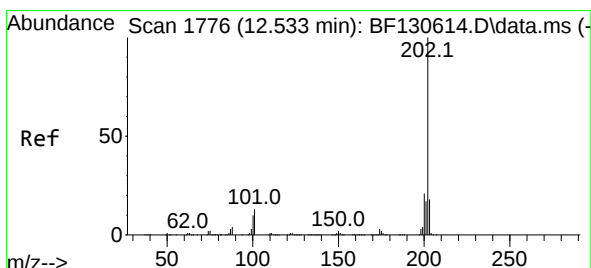
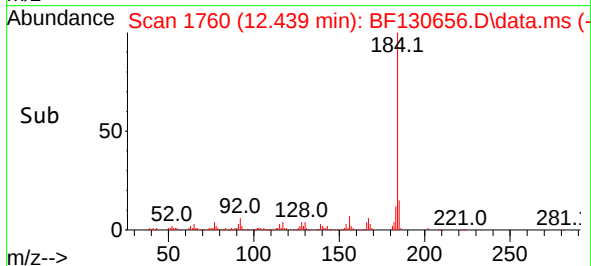
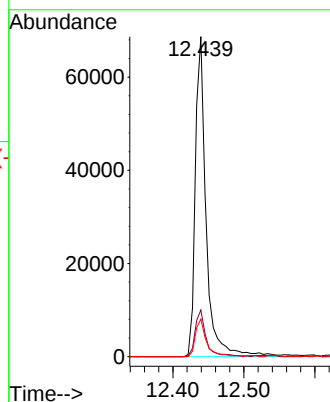
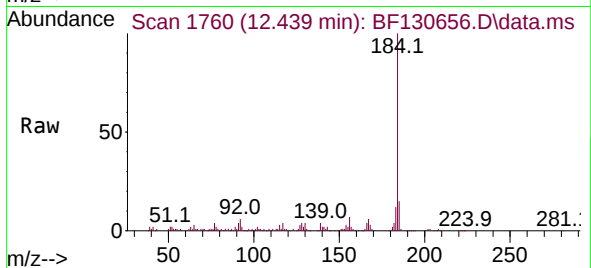
Tgt Ion:184 Resp: 73132

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 11.7 9.0 13.4



#78

Pyrene

Concen: 18.651 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

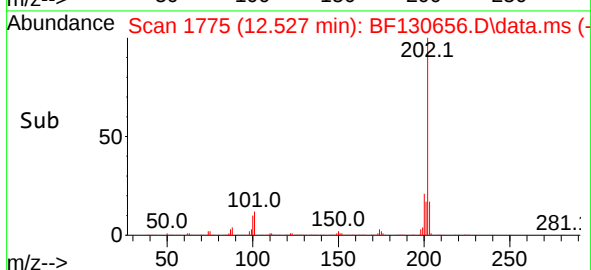
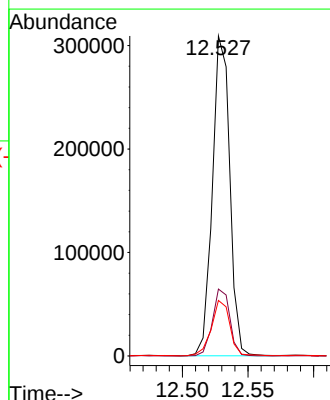
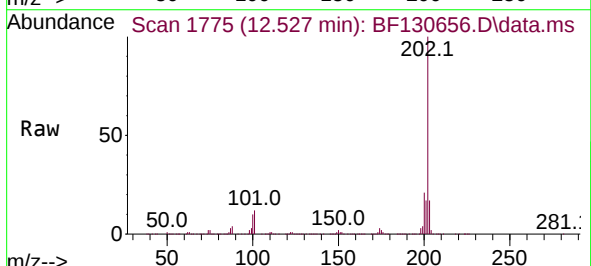
Tgt Ion:202 Resp: 284800

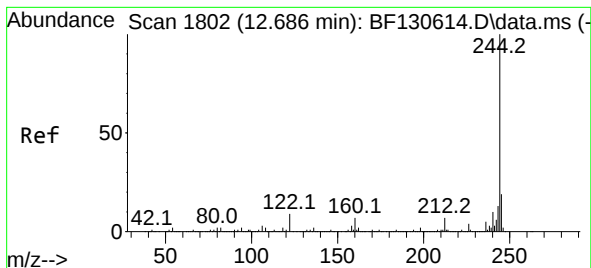
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 20.625 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.012 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

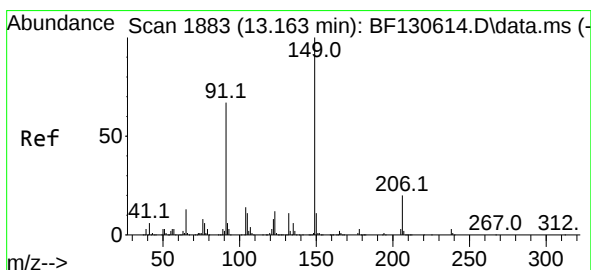
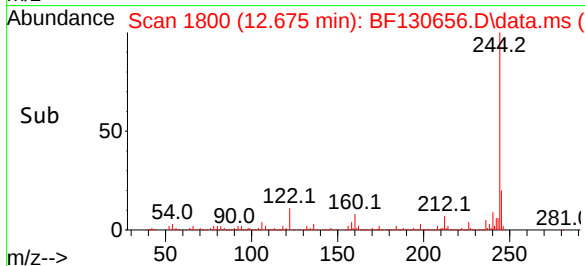
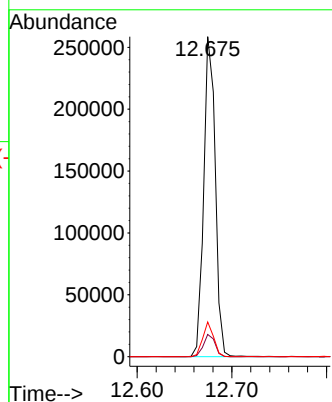
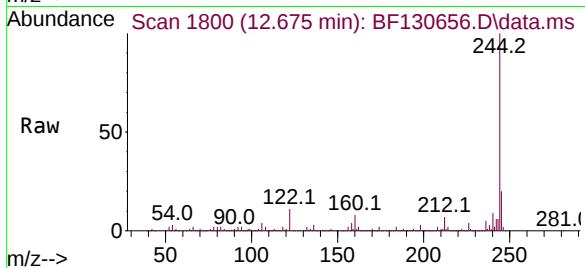
Tgt Ion:244 Resp: 219952

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.9 7.5 11.3



#80

Butylbenzylphthalate

Concen: 18.883 ng

RT: 13.157 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

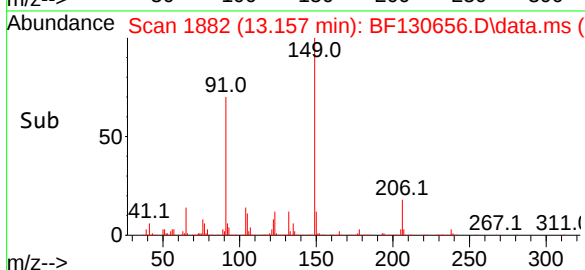
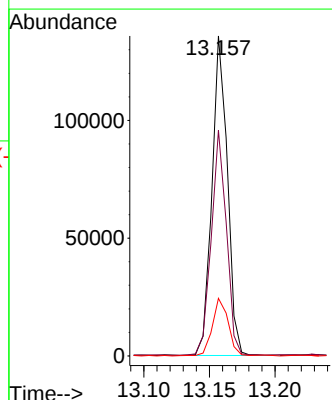
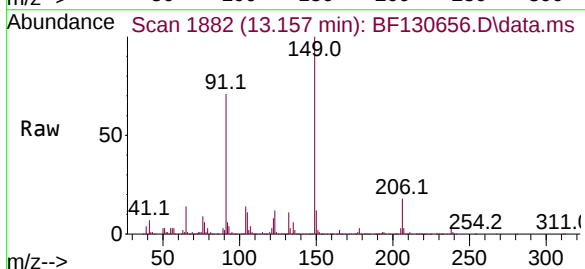
Tgt Ion:149 Resp: 110874

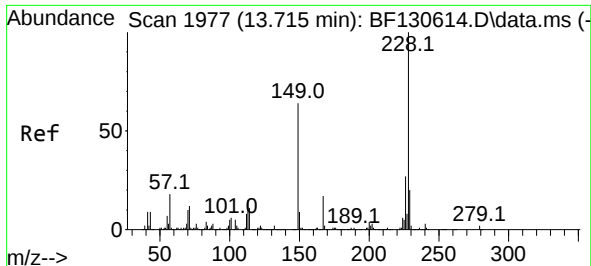
Ion Ratio Lower Upper

149 100

91 70.5 53.8 80.8

206 18.0 15.8 23.6

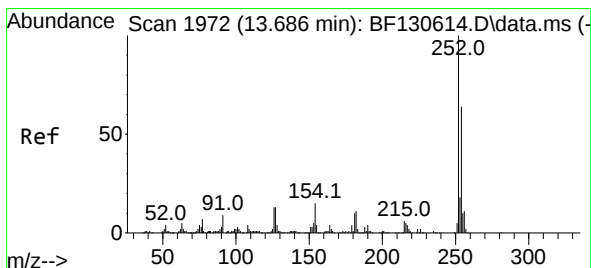
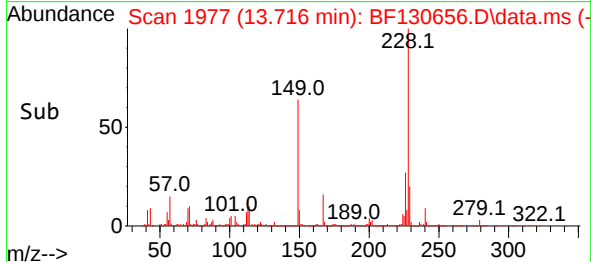
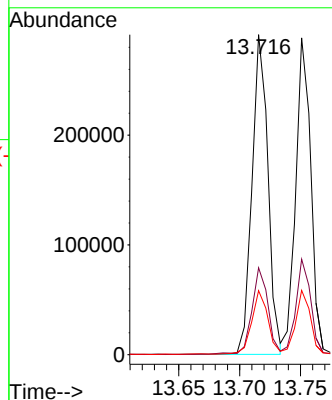
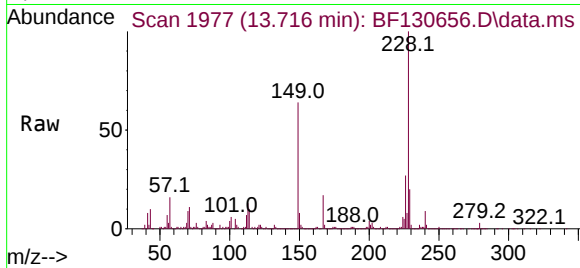




#81  
Benzo(a)anthracene  
Concen: 22.234 ng  
RT: 13.716 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

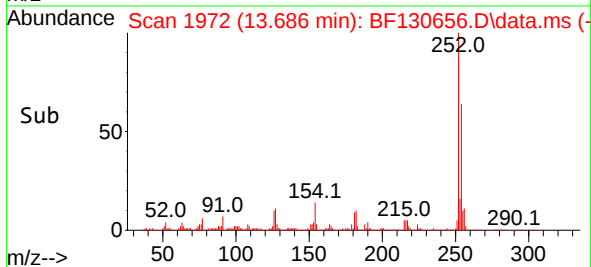
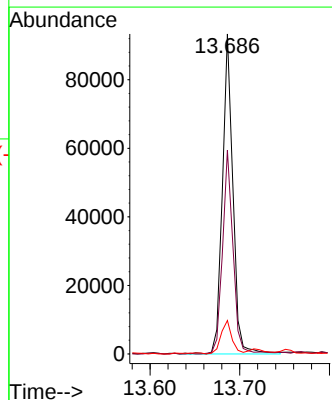
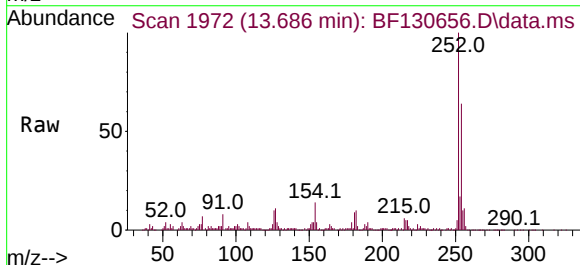
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

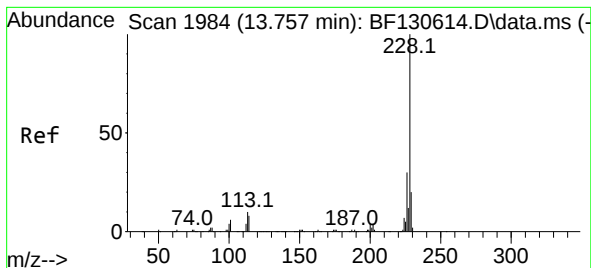
Tgt Ion:228 Resp: 265172  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.2  
229 20.0 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 22.060 ng  
RT: 13.686 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:252 Resp: 76029  
Ion Ratio Lower Upper  
252 100  
254 63.7 50.9 76.3  
126 10.4 10.2 15.4





#83

Chrysene

Concen: 21.930 ng

RT: 13.751 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

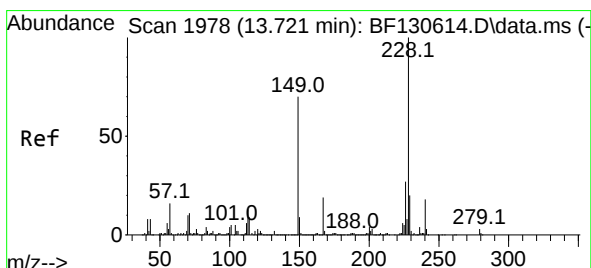
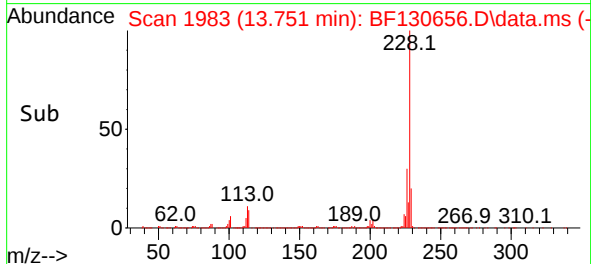
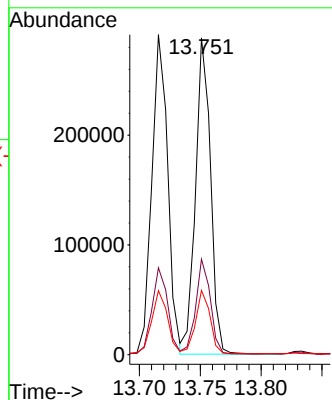
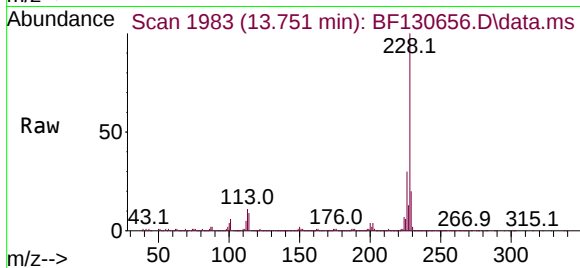
Tgt Ion:228 Resp: 247983

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.498 ng

RT: 13.716 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

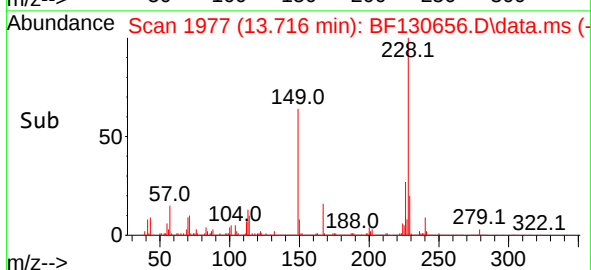
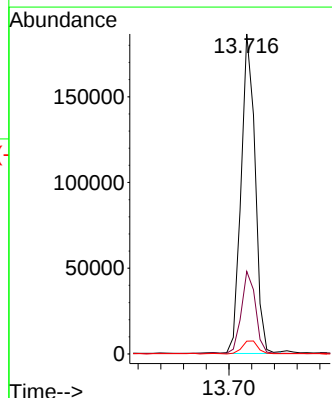
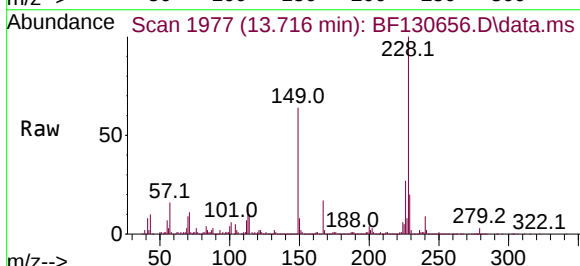
Tgt Ion:149 Resp: 160151

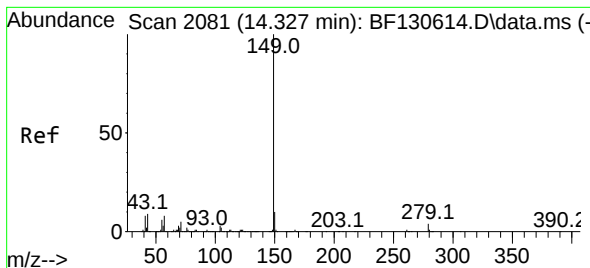
Ion Ratio Lower Upper

149 100

167 25.8 21.9 32.9

279 4.0 3.8 5.6

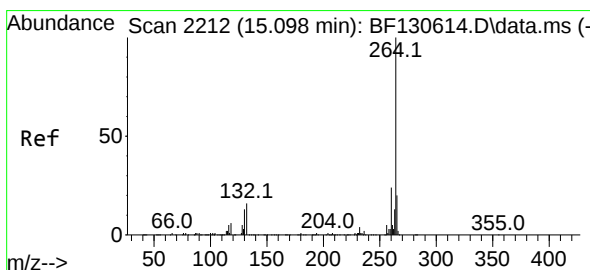
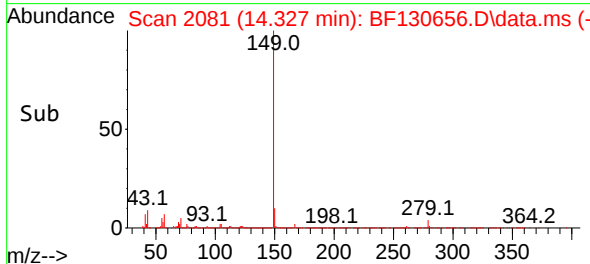
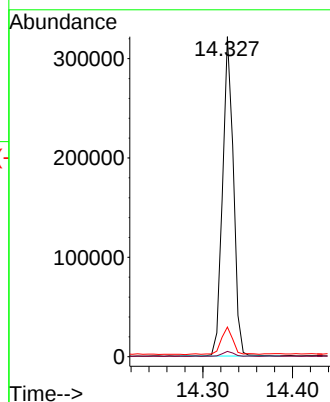
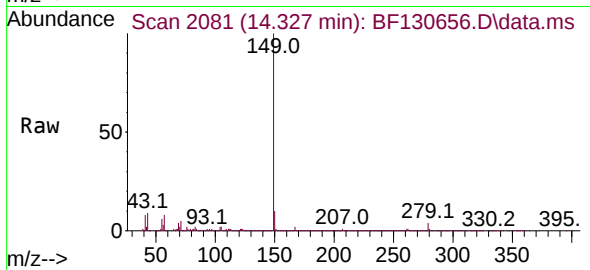




#85  
Di-n-octyl phthalate  
Concen: 24.764 ng  
RT: 14.327 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

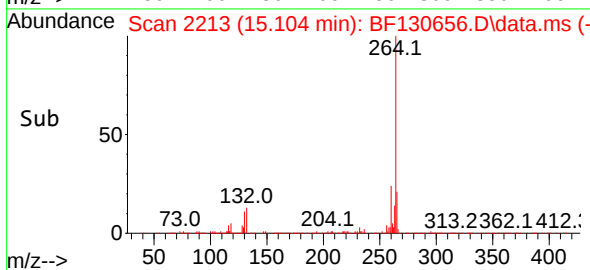
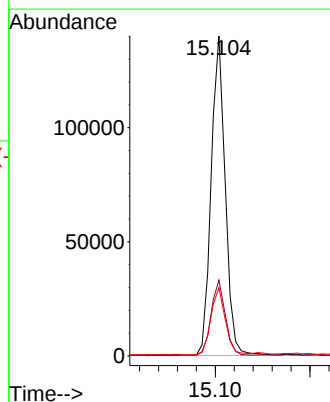
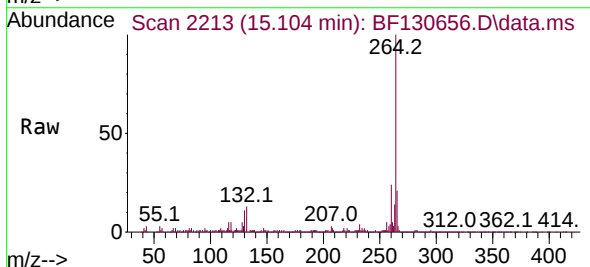
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

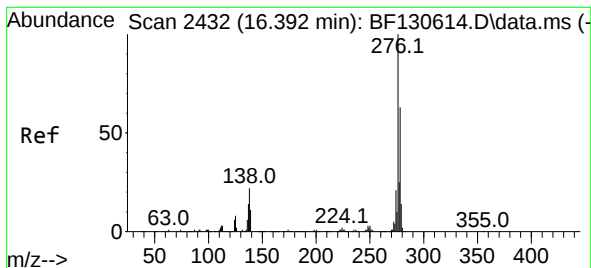
Tgt Ion:149 Resp: 269981  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 8.8 7.2 10.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:264 Resp: 144142  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.1 28.7  
265 21.3 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.989 ng

RT: 16.398 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

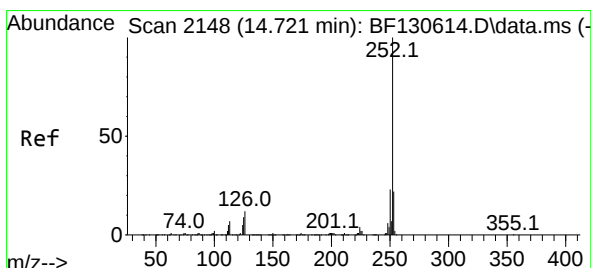
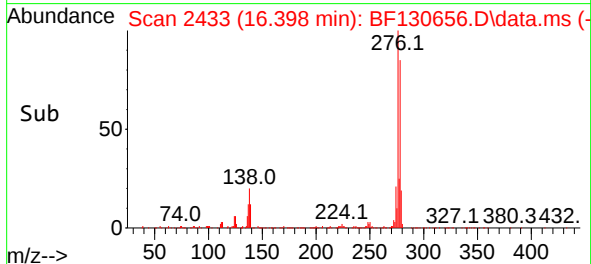
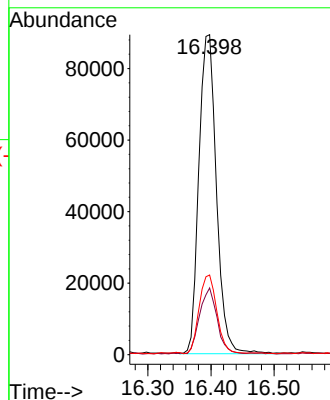
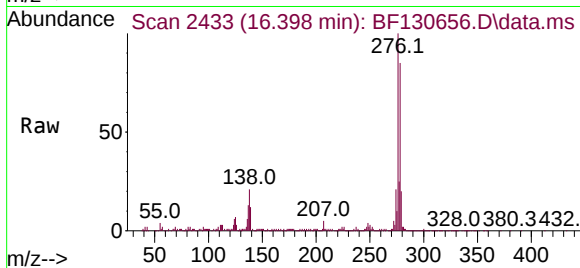
Tgt Ion:276 Resp: 172503

Ion Ratio Lower Upper

276 100

138 20.6 18.0 27.0

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 24.591 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

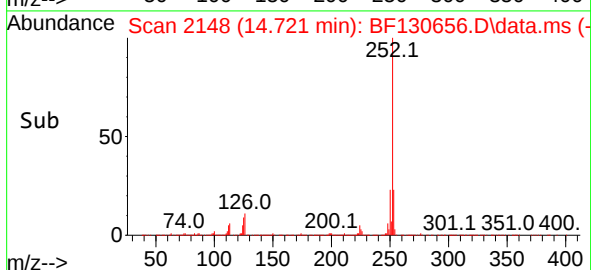
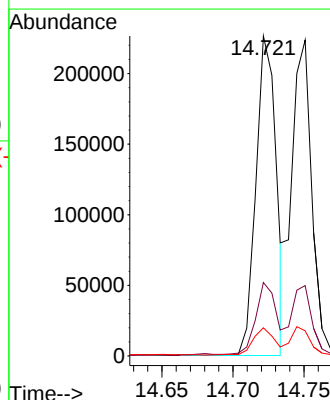
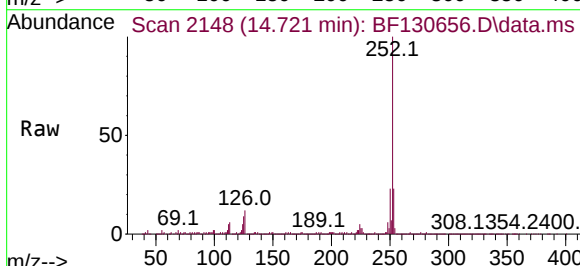
Tgt Ion:252 Resp: 224447

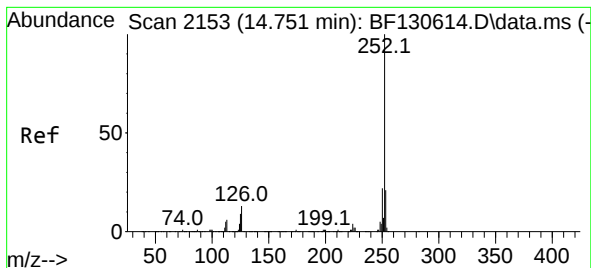
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 23.436 ng

RT: 14.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

Instrument :

BNA\_F

ClientSampleId :

WC-3MS

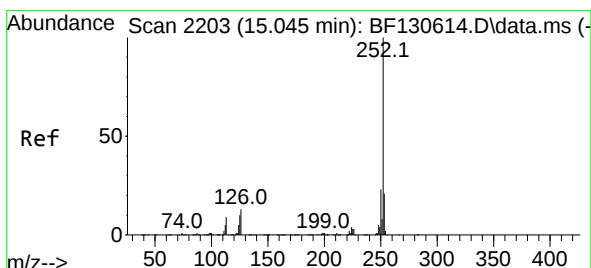
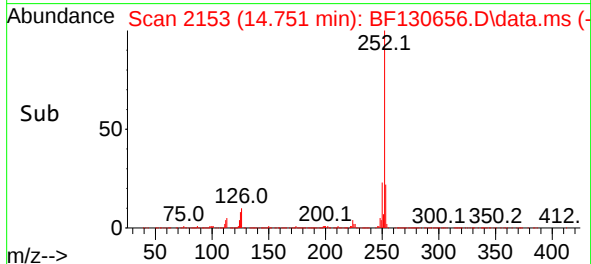
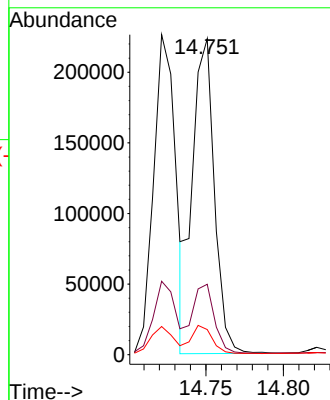
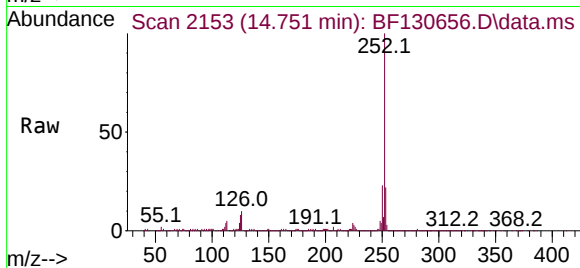
Tgt Ion:252 Resp: 217805

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 7.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 24.400 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF130656.D

Acq: 13 Oct 2022 20:06

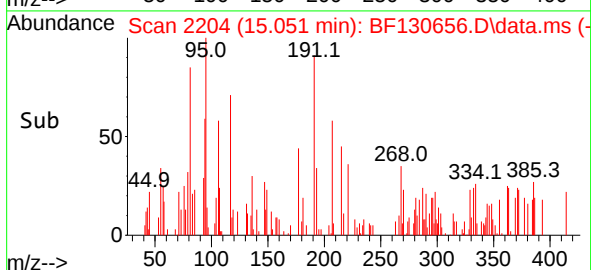
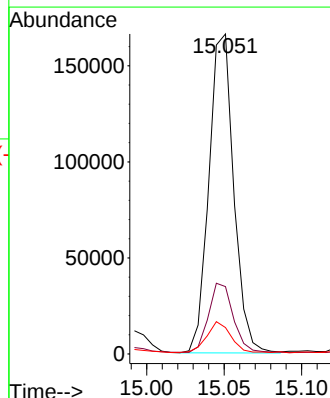
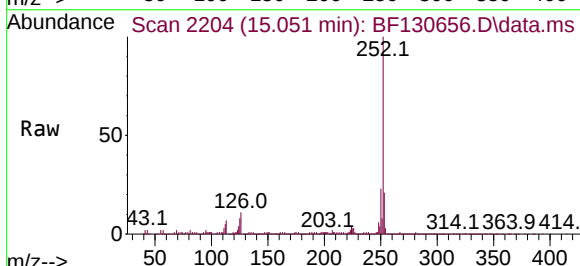
Tgt Ion:252 Resp: 185356

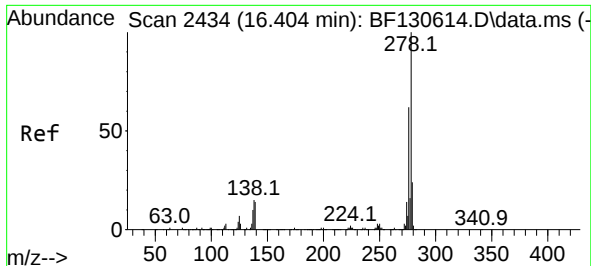
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

125 8.2 8.4 12.6#

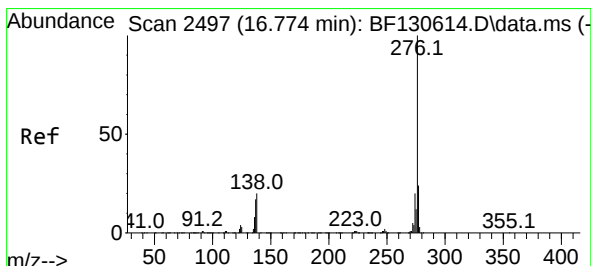
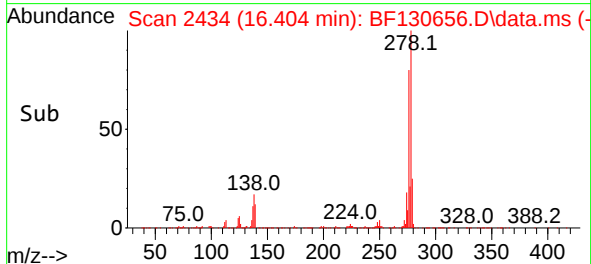
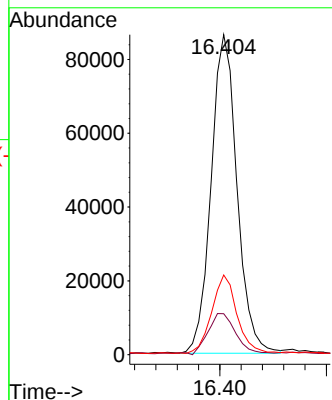
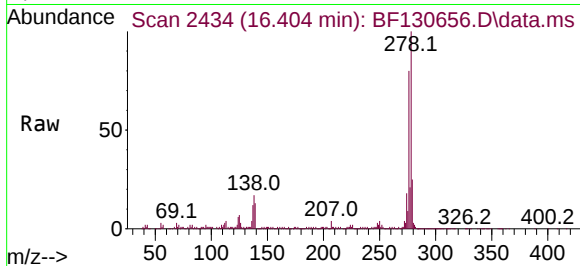




#91  
Dibenzo(a,h)anthracene  
Concen: 16.490 ng  
RT: 16.404 min Scan# 2434  
Delta R.T. 0.000 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Instrument :  
BNA\_F  
ClientSampleId :  
WC-3MS

Tgt Ion:278 Resp: 145823  
Ion Ratio Lower Upper  
278 100  
139 12.8 11.1 16.7  
279 24.9 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 17.654 ng  
RT: 16.780 min Scan# 2498  
Delta R.T. 0.006 min  
Lab File: BF130656.D  
Acq: 13 Oct 2022 20:06

Tgt Ion:276 Resp: 145408  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.9 28.3  
138 15.9 15.9 23.9

