

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040622\  
 Data File : BF127661.D  
 Acq On : 06 Apr 2022 21:35  
 Operator : CG\JU  
 Sample : N2254-02MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-1MSD

Quant Time: Apr 07 02:40:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 96327    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 357990   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.010 | 164  | 204795   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 395544   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.157 | 240  | 305895   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.680 | 264  | 268415   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.592  | 112  | 763502   | 128.792 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.581  | 99   | 927884   | 119.645 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 738706   | 91.993  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.804 | 330  | 311404   | 142.890 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.327  | 172  | 1296166  | 89.535  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.098 | 244  | 1656910  | 89.406  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.951  | 88   | 121128   | 43.078  | ng    | 87       |
| 3) Pyridine                   | 3.657  | 79   | 232906   | 31.449  | ng    | 84       |
| 4) n-Nitrosodimethylamine     | 3.622  | 42   | 192011   | 48.210  | ng    | 99       |
| 6) Aniline                    | 6.628  | 93   | 235656   | 25.477  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 317079   | 52.728  | ng    | 93       |
| 9) Benzaldehyde               | 6.516  | 77   | 133401   | 32.823  | ng    | 98       |
| 10) Phenol                    | 6.598  | 94   | 363137   | 46.828  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.698  | 93   | 327148   | 51.084  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 342678   | 49.871  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.986  | 146  | 346331   | 49.861  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.133  | 146  | 331864   | 49.984  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.104  | 79   | 329175   | 48.551  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239  | 45   | 498238   | 49.288  | ng    | 98       |
| 17) 2-Methylphenol            | 7.204  | 107  | 262909   | 50.261  | ng    | 99       |
| 18) Hexachloroethane          | 7.481  | 117  | 132197   | 49.877  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 254075   | 50.653  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.357  | 107  | 334583   | 50.193  | ng    | # 57     |
| 22) Acetophenone              | 7.375  | 105  | 461586   | 47.983  | ng    | # 84     |
| 24) Nitrobenzene              | 7.551  | 77   | 394115   | 50.631  | ng    | 99       |
| 25) Isophorone                | 7.786  | 82   | 725895   | 51.806  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 149164   | 53.322  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 301655   | 55.077  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.992  | 93   | 413459   | 47.855  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 285680   | 48.420  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.186  | 180  | 317269   | 46.724  | ng    | 97       |
| 31) Naphthalene               | 8.275  | 128  | 904775   | 48.232  | ng    | 99       |
| 32) Benzoic acid              | 7.998  | 122  | 192436   | 48.429  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.310  | 127  | 90440    | 12.242  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.386  | 225  | 210134   | 44.987  | ng    | 98       |
| 35) Caprolactam               | 8.686  | 113  | 45866    | 26.302  | ng    | # 73     |
| 36) 4-Chloro-3-methylphenol   | 8.792  | 107  | 310701   | 50.229  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.963  | 142  | 615624   | 49.068  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 594542   | 49.095  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.127  | 216  | 312571   | 46.534  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 9.116  | 237  | 424262   | 104.854 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.239  | 196  | 219331   | 48.096  | ng    | 98       |

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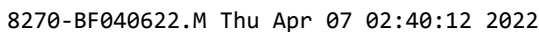
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-1MSD

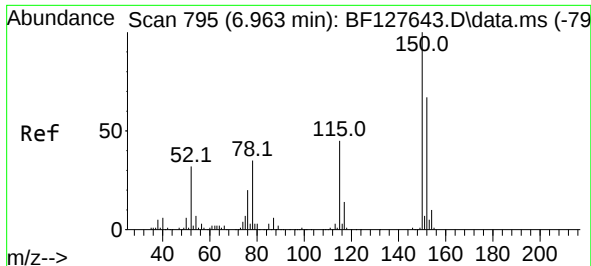
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 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.275  | 196  | 233377   | 50.716  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.427  | 154  | 763041   | 48.718  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.457  | 162  | 596250   | 47.905  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.551  | 65   | 216324   | 55.960  | ng    | 92       |
| 49) Acenaphthylene            | 9.874  | 152  | 997743   | 52.702  | ng    | 99       |
| 50) Dimethylphthalate         | 9.733  | 163  | 748784   | 50.441  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.792  | 165  | 156297   | 55.857  | ng    | 95       |
| 52) Acenaphthene              | 10.045 | 154  | 658677   | 55.223  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.957  | 138  | 73640    | 24.912  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 10.069 | 184  | 144900   | 102.856 | ng    | 93       |
| 55) Dibenzofuran              | 10.222 | 168  | 862804   | 49.571  | ng    | 97       |
| 56) 4-Nitrophenol             | 10.116 | 139  | 241490   | 104.007 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.198 | 165  | 214127   | 61.723  | ng    | # 88     |
| 58) Fluorene                  | 10.563 | 166  | 655435   | 50.966  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.333 | 232  | 198873   | 49.597  | ng    | 96       |
| 60) Diethylphthalate          | 10.433 | 149  | 717753   | 50.527  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.551 | 204  | 347179   | 49.133  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.580 | 138  | 152866   | 54.908  | ng    | 91       |
| 63) Azobenzene                | 10.716 | 77   | 783720   | 49.374  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 94171    | 49.292  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.674 | 169  | 596313   | 47.868  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248  | 226523   | 47.188  | ng    | # 91     |
| 68) Hexachlorobenzene         | 11.110 | 284  | 254814   | 48.558  | ng    | 98       |
| 69) Atrazine                  | 11.198 | 200  | 205255   | 49.591  | ng    | 96       |
| 70) Pentachlorophenol         | 11.304 | 266  | 298897   | 95.367  | ng    | 98       |
| 71) Phenanthrene              | 11.533 | 178  | 1020550  | 48.697  | ng    | 100      |
| 72) Anthracene                | 11.586 | 178  | 1046802  | 50.496  | ng    | 99       |
| 73) Carbazole                 | 11.733 | 167  | 953233   | 49.073  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 1159575  | 49.937  | ng    | 99       |
| 75) Fluoranthene              | 12.721 | 202  | 1204171  | 52.655  | ng    | 99       |
| 77) Benzidine                 | 12.839 | 184  | 68279    | 8.552   | ng    | 98       |
| 78) Pyrene                    | 12.957 | 202  | 1234056  | 47.775  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.568 | 149  | 478855   | 49.789  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.145 | 228  | 1035808  | 50.699  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.104 | 252  | 190029   | 29.835  | ng    | 97       |
| 83) Chrysene                  | 14.186 | 228  | 968130   | 49.366  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149  | 661395   | 48.788  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 1037532  | 52.342  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.250 | 276  | 967651   | 57.700  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.227 | 252  | 884206   | 51.207  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.262 | 252  | 879194   | 51.338  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.615 | 252  | 861388   | 61.376  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.274 | 278  | 828155   | 60.948  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.733 | 276  | 839379   | 60.256  | ng    | 98       |

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

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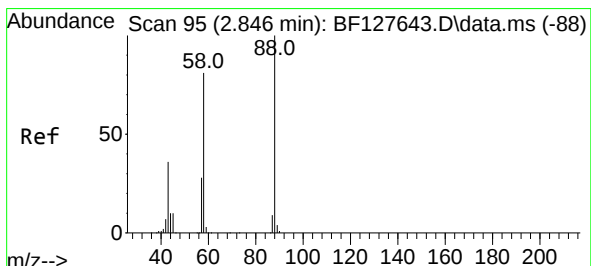
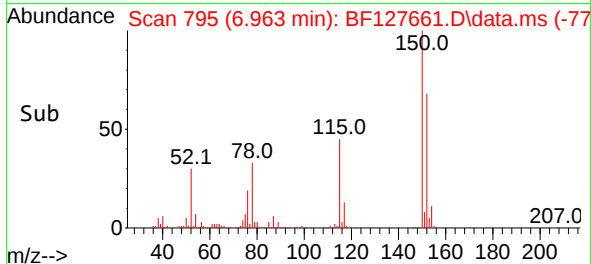
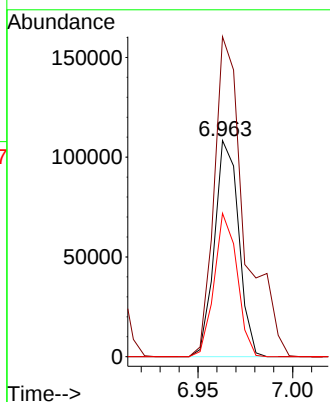
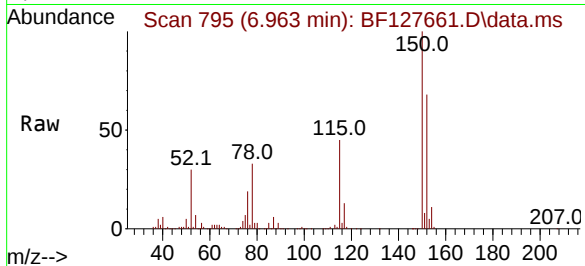




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.963 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

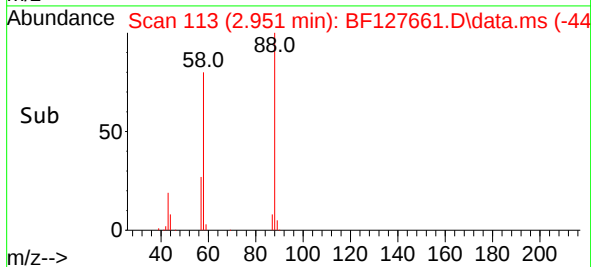
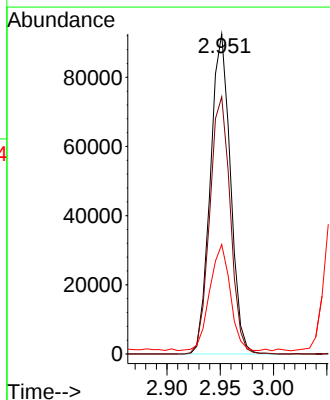
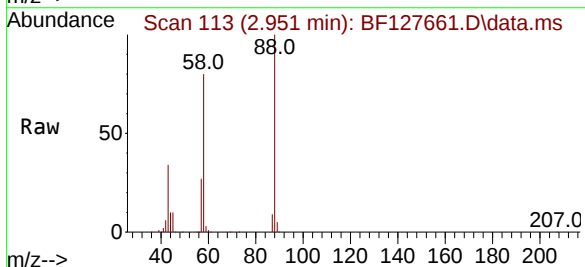
Instrument :  
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 WC-14A-1A-4-1MSD

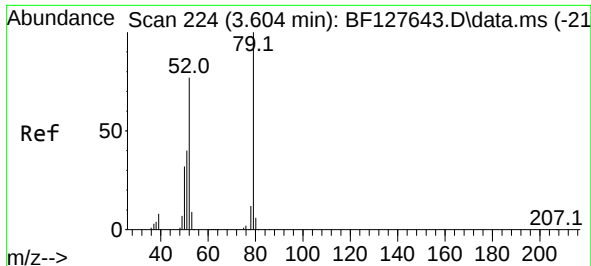
Tgt Ion:152 Resp: 96327  
 Ion Ratio Lower Upper  
 152 100  
 150 148.0 117.2 175.8  
 115 66.3 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 43.078 ng  
 RT: 2.951 min Scan# 113  
 Delta R.T. 0.106 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

Tgt Ion: 88 Resp: 121128  
 Ion Ratio Lower Upper  
 88 100  
 58 82.1 77.0 115.4  
 43 33.7 31.3 46.9





#3

Pyridine

Concen: 31.449 ng

RT: 3.657 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF127661.D

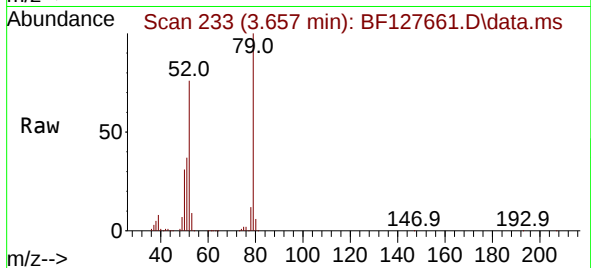
Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD



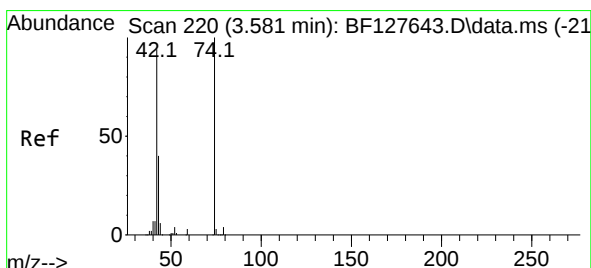
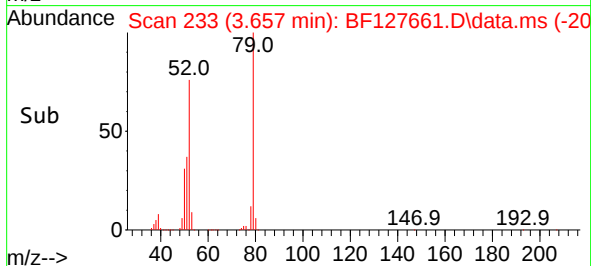
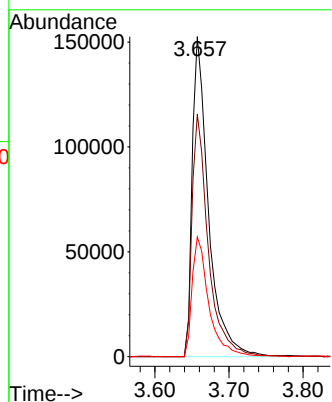
Tgt Ion: 79 Resp: 232906

Ion Ratio Lower Upper

79 100

52 75.8 74.2 111.4

51 37.4 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 48.210 ng

RT: 3.622 min Scan# 227

Delta R.T. 0.041 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

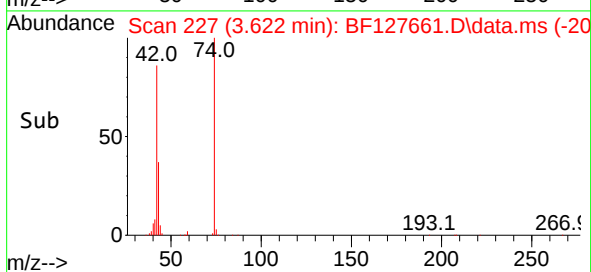
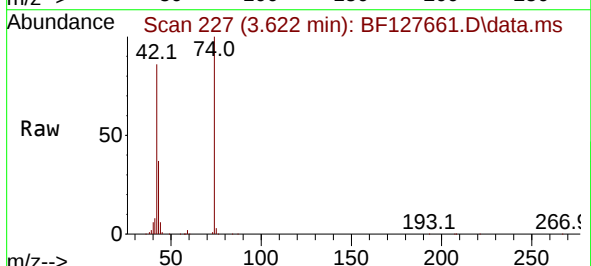
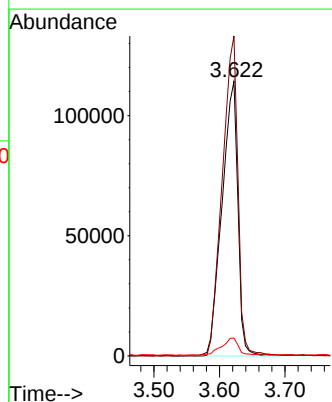
Tgt Ion: 42 Resp: 192011

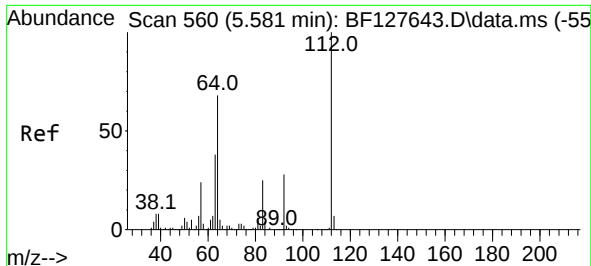
Ion Ratio Lower Upper

42 100

74 116.6 92.4 138.6

44 6.5 6.0 9.0

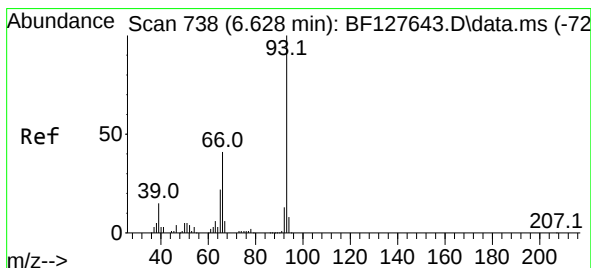
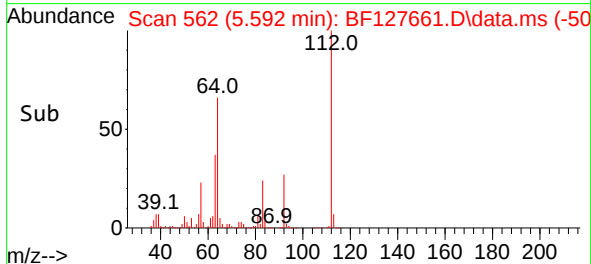
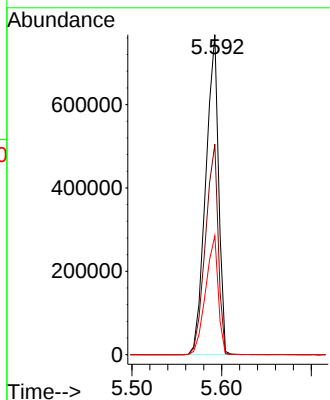
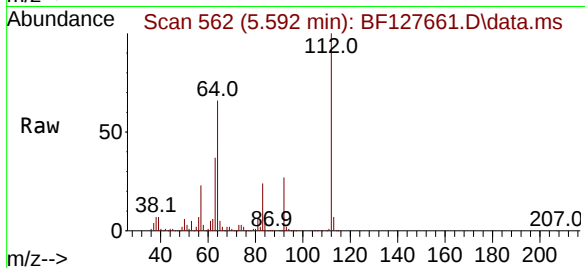




#5  
2-Fluorophenol  
Concen: 128.792 ng  
RT: 5.592 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

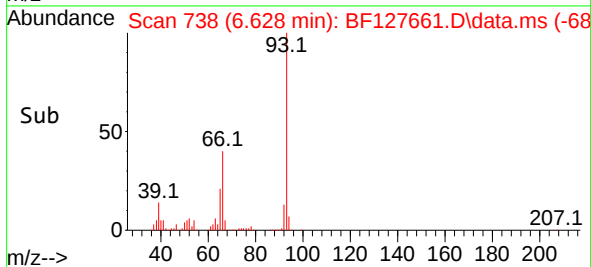
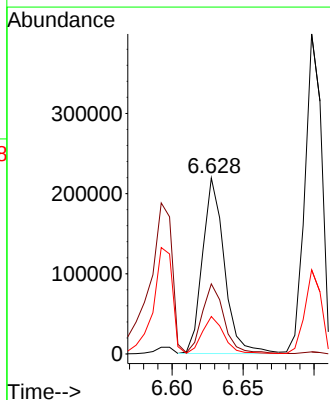
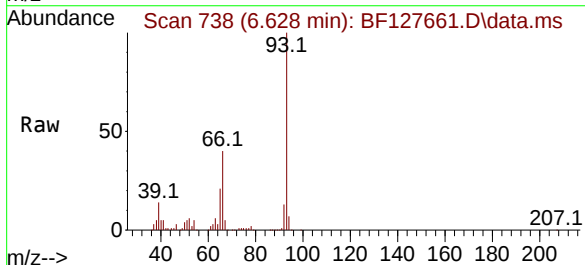
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Tgt Ion:112 Resp: 763502  
Ion Ratio Lower Upper  
112 100  
64 65.7 58.4 87.6  
63 37.2 30.1 45.1



#6  
Aniline  
Concen: 25.477 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 93 Resp: 235656  
Ion Ratio Lower Upper  
93 100  
66 39.8 36.2 54.4  
65 21.3 18.4 27.6

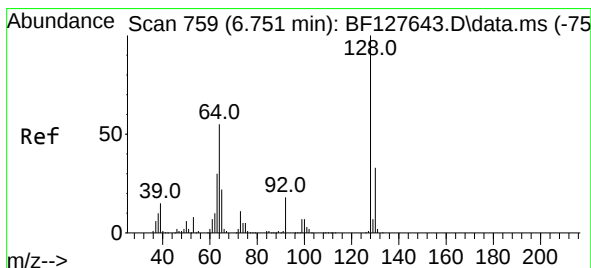
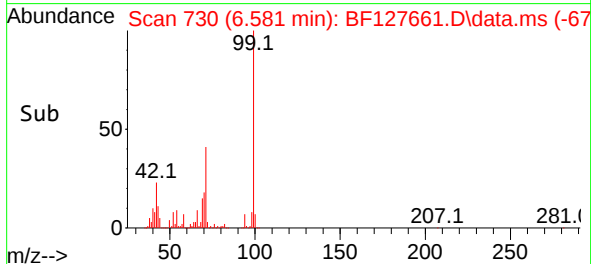
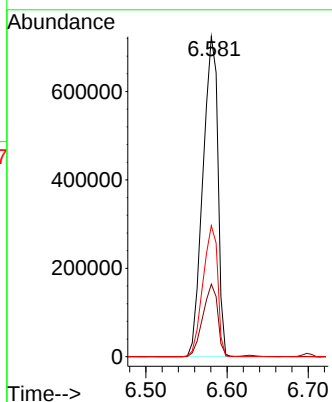
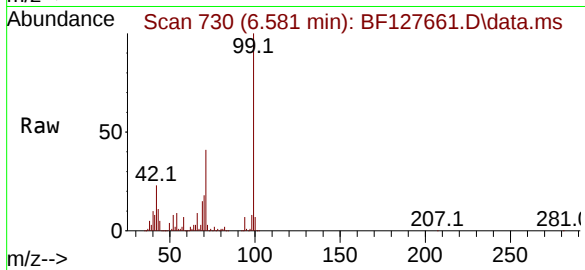




#7  
Phenol-d6  
Concen: 119.645 ng  
RT: 6.581 min Scan# 710  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

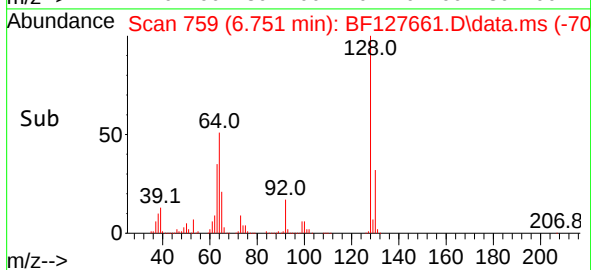
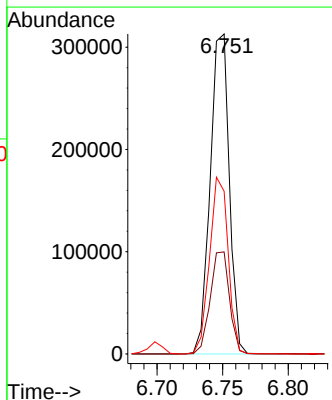
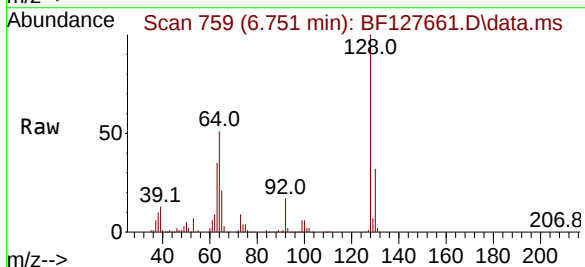
Instrument :  
BNA\_F  
ClientSampleId :  
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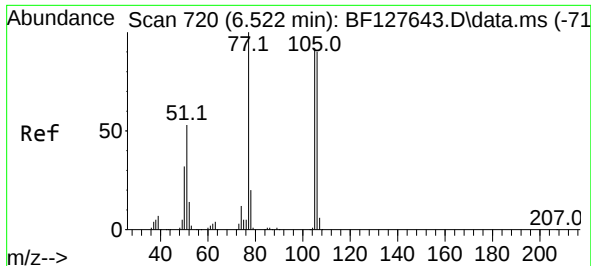
Tgt Ion: 99 Resp: 927884  
Ion Ratio Lower Upper  
99 100  
42 22.6 17.8 26.6  
71 41.0 29.6 44.4



#8  
2-Chlorophenol  
Concen: 52.728 ng  
RT: 6.751 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 128 Resp: 317079  
Ion Ratio Lower Upper  
128 100  
130 31.9 11.3 51.3  
64 50.8 38.4 78.4

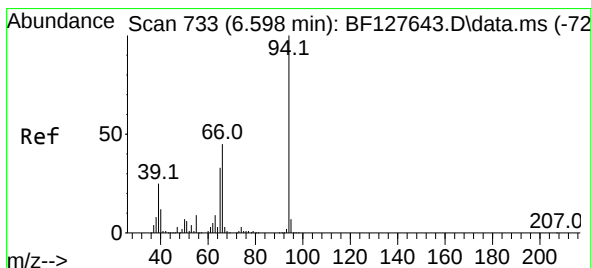
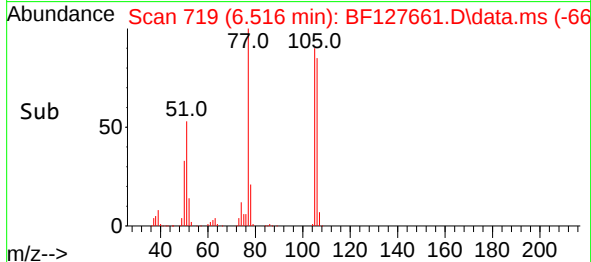
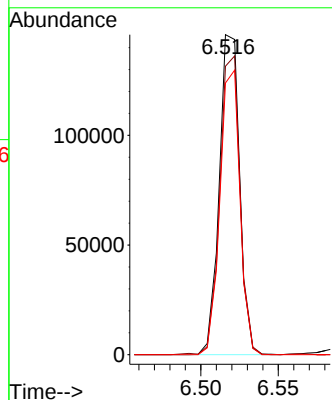
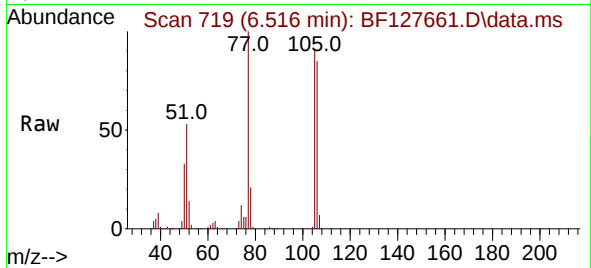




#9  
Benzaldehyde  
Concen: 32.823 ng  
RT: 6.516 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

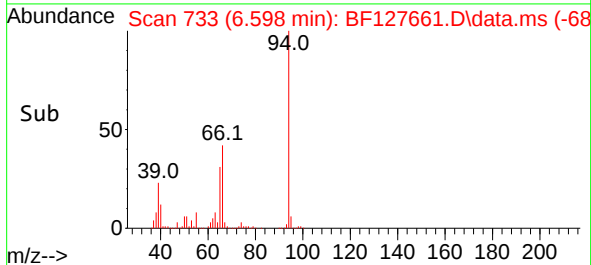
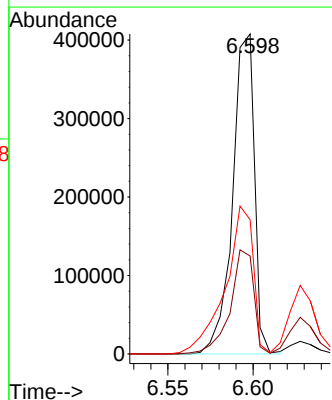
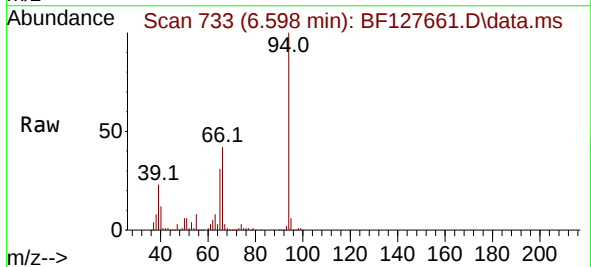
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

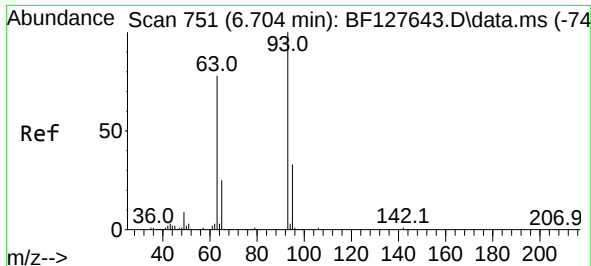
Tgt Ion: 77 Resp: 133401  
Ion Ratio Lower Upper  
77 100  
105 90.2 66.8 106.8  
106 84.9 64.3 104.3



#10  
Phenol  
Concen: 46.828 ng  
RT: 6.598 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 94 Resp: 363137  
Ion Ratio Lower Upper  
94 100  
65 30.6 13.1 53.1  
66 41.9 24.9 64.9

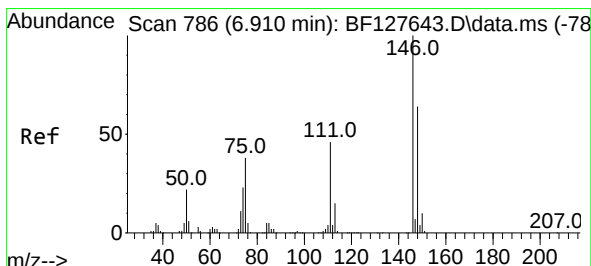
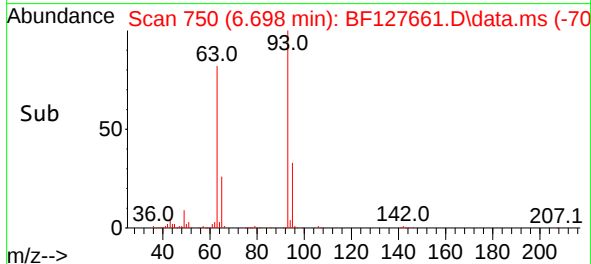
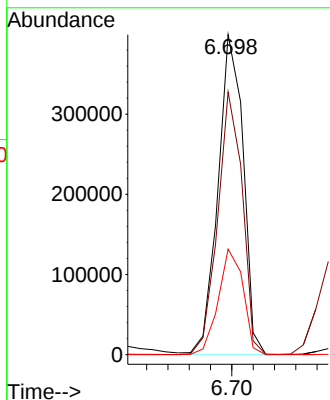
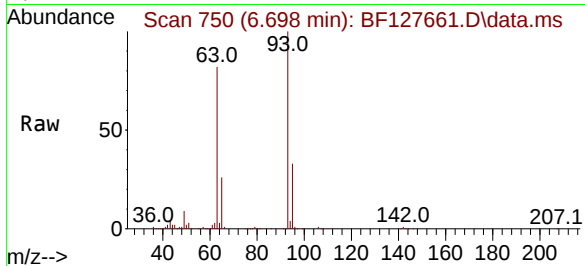




#11  
bis(2-Chloroethyl)ether  
Concen: 51.084 ng  
RT: 6.698 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

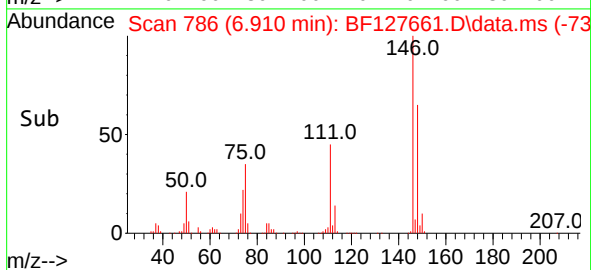
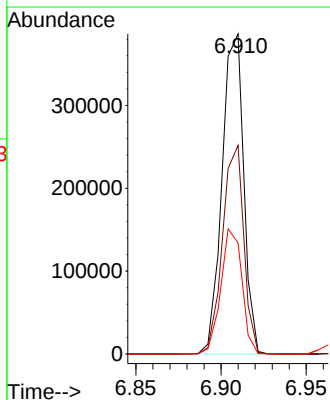
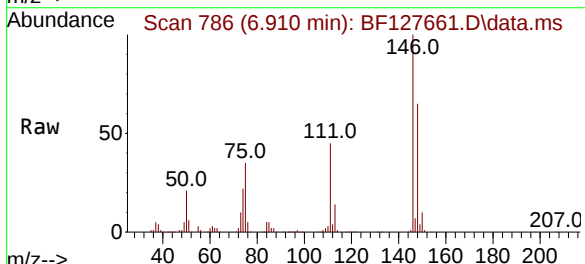
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

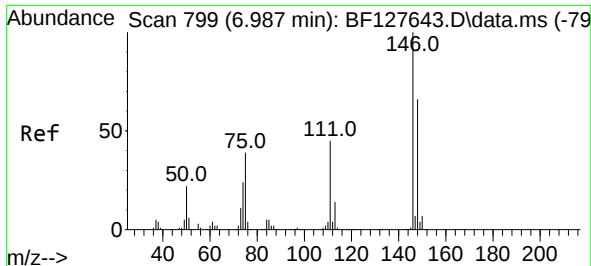
Tgt Ion: 93 Resp: 327148  
Ion Ratio Lower Upper  
93 100  
63 82.1 69.6 109.6  
95 33.0 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 49.871 ng  
RT: 6.910 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:146 Resp: 342678  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.6 76.0  
75 34.7 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 49.861 ng

RT: 6.986 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

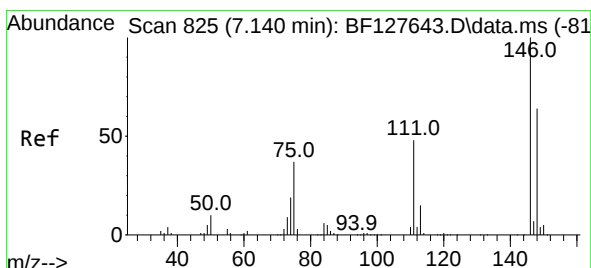
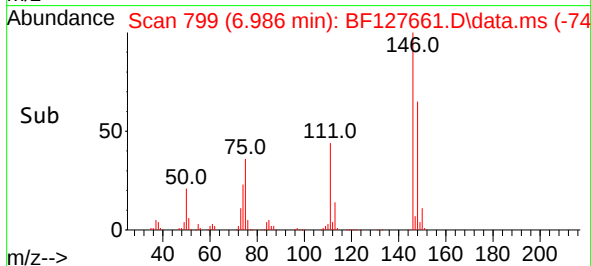
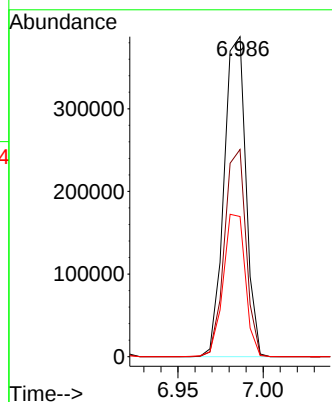
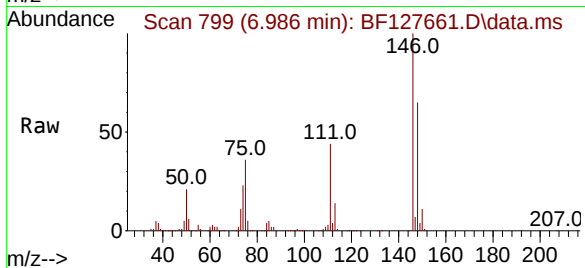
Tgt Ion:146 Resp: 346331

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 43.8 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 49.984 ng

RT: 7.133 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

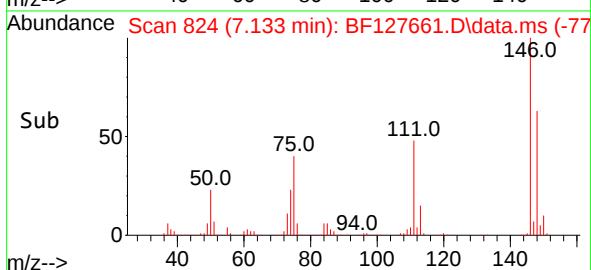
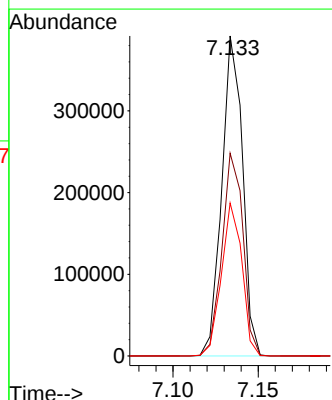
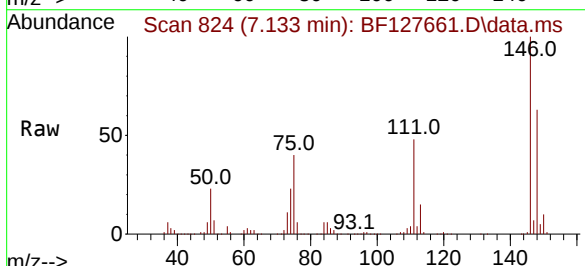
Tgt Ion:146 Resp: 331864

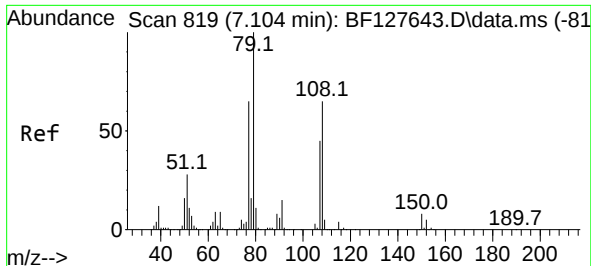
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 47.8 36.4 54.6

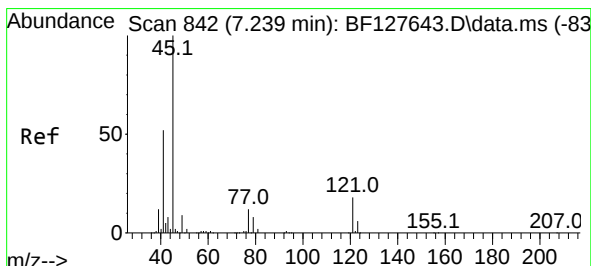
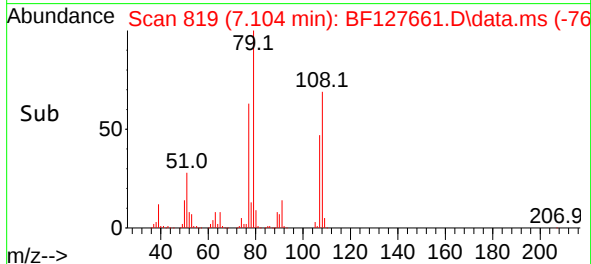
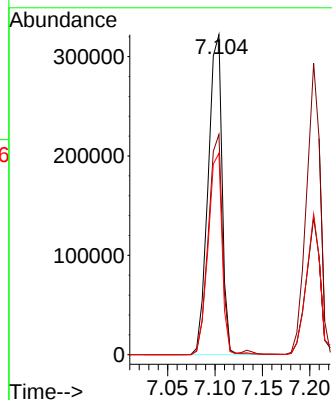
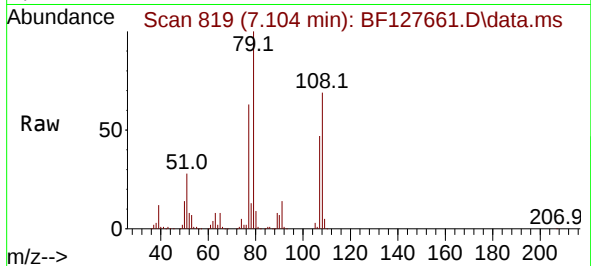




#15  
Benzyl Alcohol  
Concen: 48.551 ng  
RT: 7.104 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

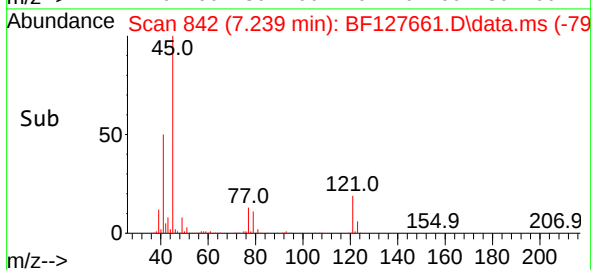
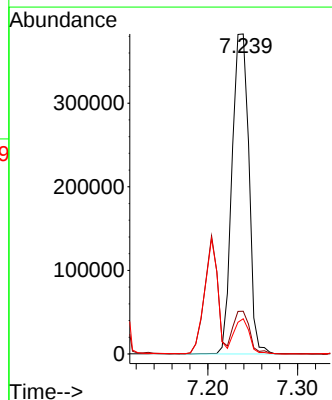
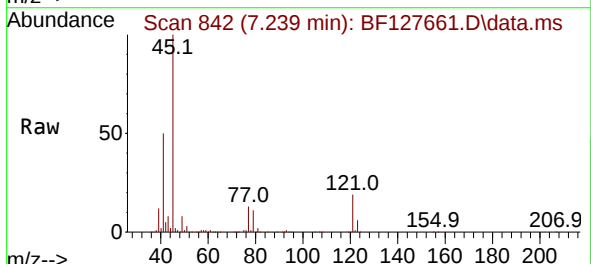
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

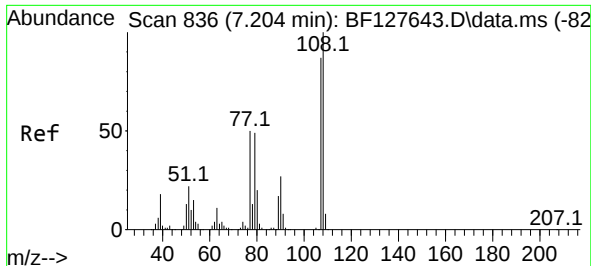
Tgt Ion: 79 Resp: 329175  
Ion Ratio Lower Upper  
79 100  
108 68.8 52.2 78.2  
77 62.9 48.3 72.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.288 ng  
RT: 7.239 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

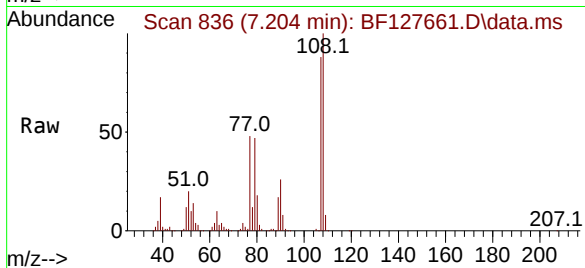
Tgt Ion: 45 Resp: 498238  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 32.9  
79 11.0 0.0 29.9



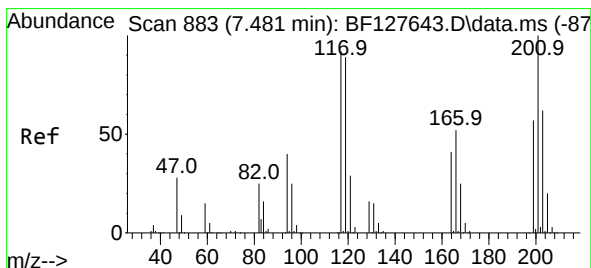
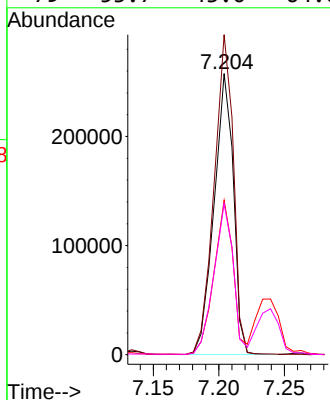
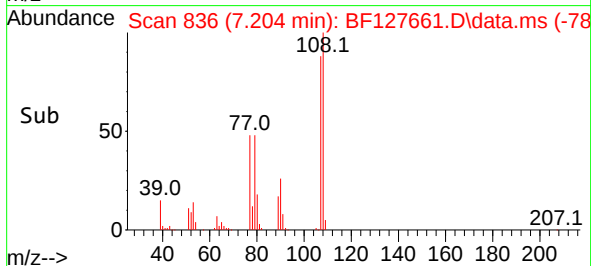


#17  
2-Methylphenol  
Concen: 50.261 ng  
RT: 7.204 min Scan# 836  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

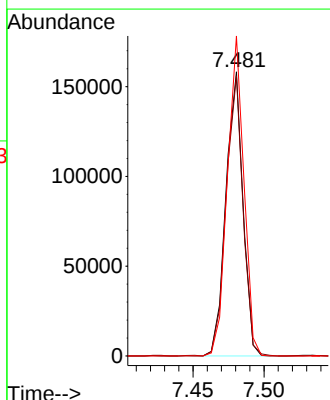
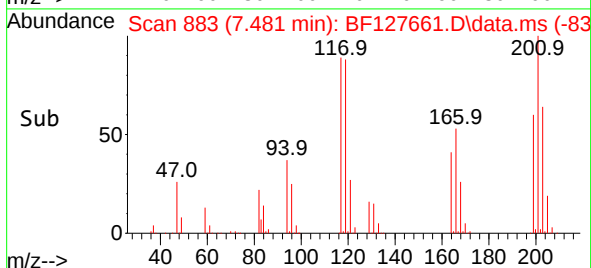
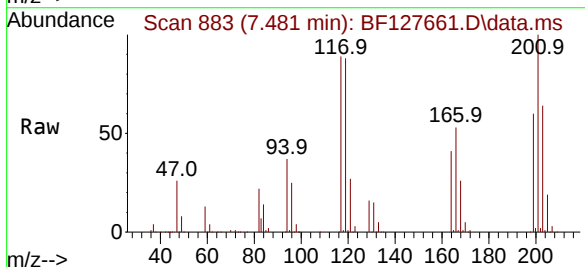


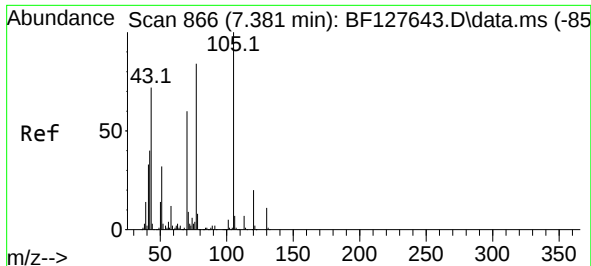
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 262909 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.8 | 90.7  | 136.1  |
| 77       | 54.9  | 42.9  | 64.3   |
| 79       | 53.7  | 43.0  | 64.6   |



#18  
Hexachloroethane  
Concen: 49.877 ng  
RT: 7.481 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 132197 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.6  | 77.6  | 116.4  |
| 201      | 112.6 | 88.2  | 132.2  |



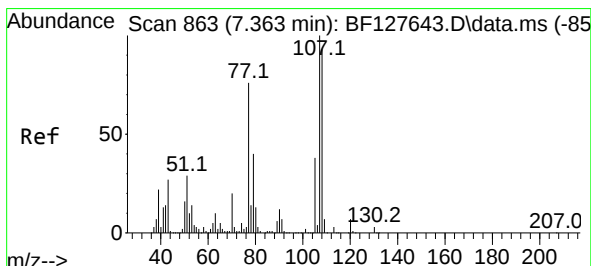
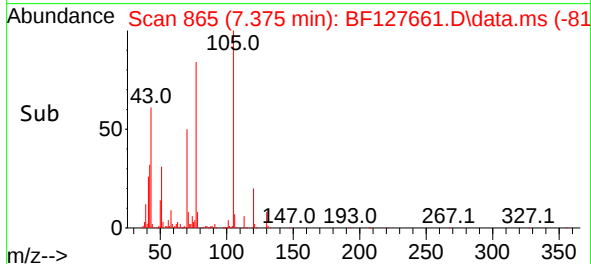
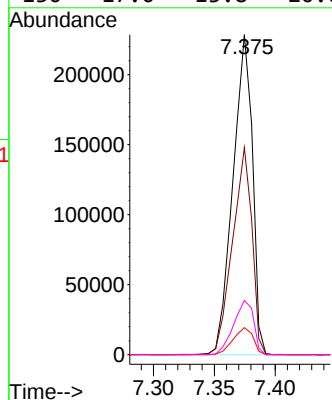
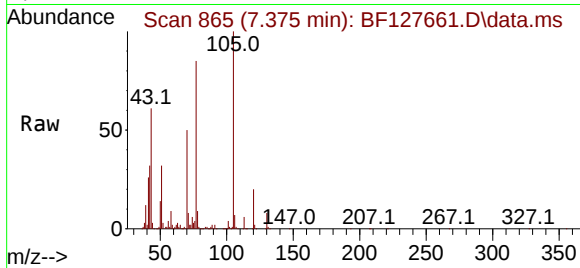


#19  
n-Nitroso-di-n-propylamine  
Concen: 50.653 ng  
RT: 7.375 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

Tgt Ion: 70 Resp: 254075

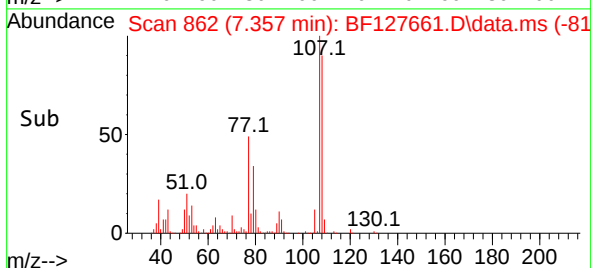
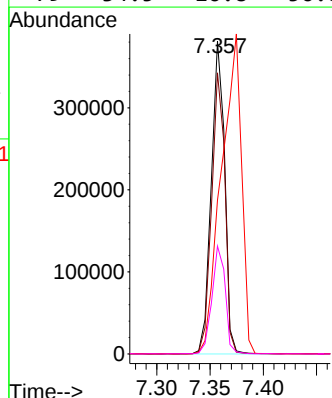
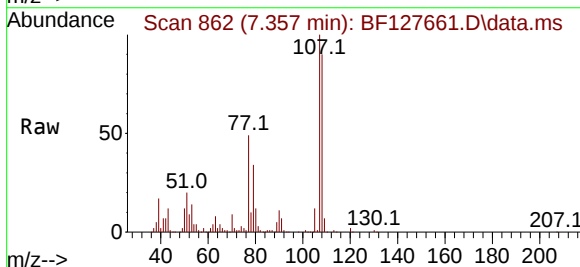
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 64.8  | 53.0  | 79.6  |
| 101 | 8.5   | 6.8   | 10.2  |
| 130 | 17.0  | 13.8  | 20.6  |

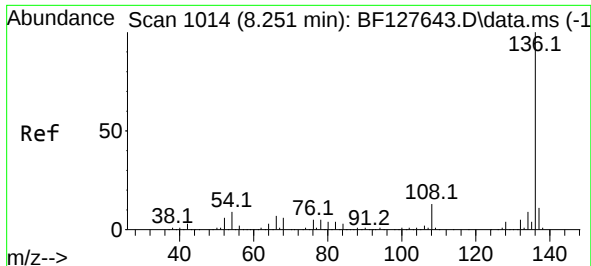


#20  
3+4-Methylphenols  
Concen: 50.193 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 107 Resp: 334583

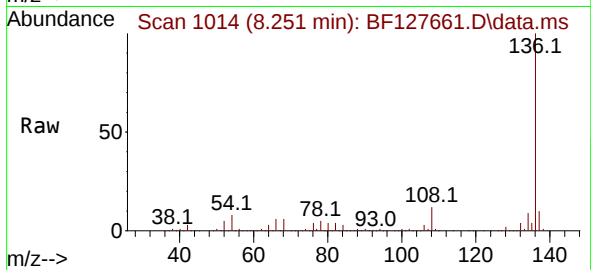
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 89.9  | 70.7  | 110.7  |
| 77  | 49.2  | 127.9 | 167.9# |
| 79  | 34.5  | 16.8  | 56.8   |



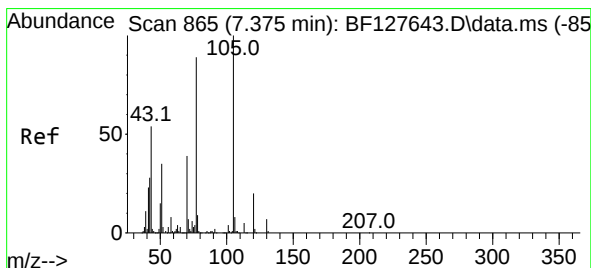
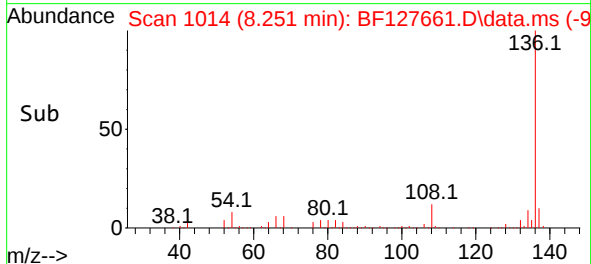
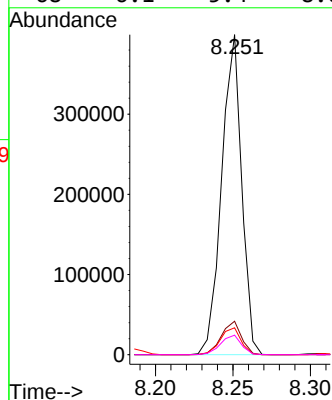


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.251 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

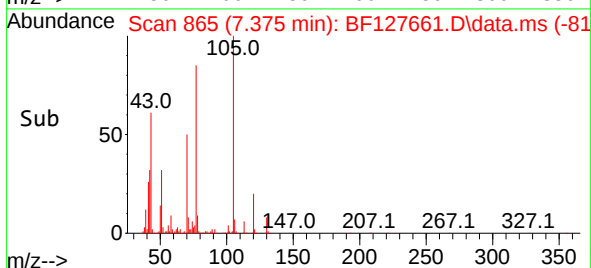
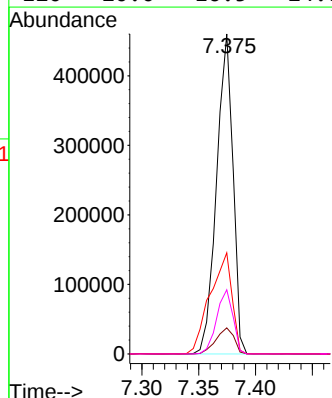
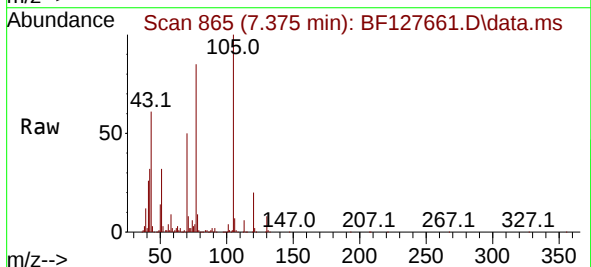


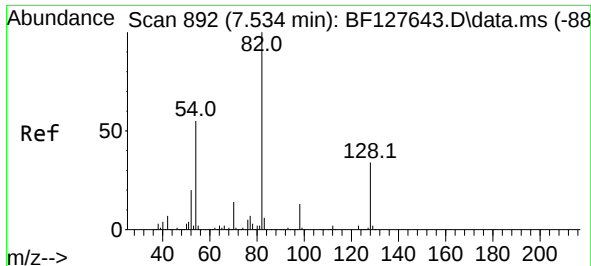
Tgt Ion:136 Resp: 357990  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.4 9.2 13.8#  
68 6.1 5.4 8.0



#22  
Acetophenone  
Concen: 47.983 ng  
RT: 7.375 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:105 Resp: 461586  
Ion Ratio Lower Upper  
105 100  
71 8.1 7.3 10.9  
51 31.6 38.8 58.2#  
120 20.0 16.5 24.7

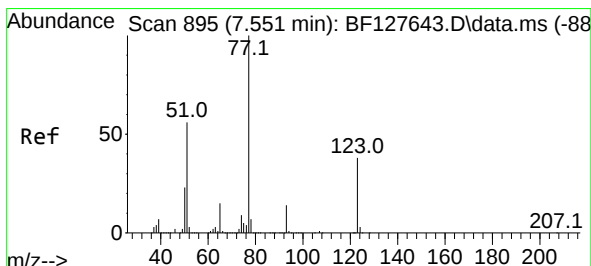
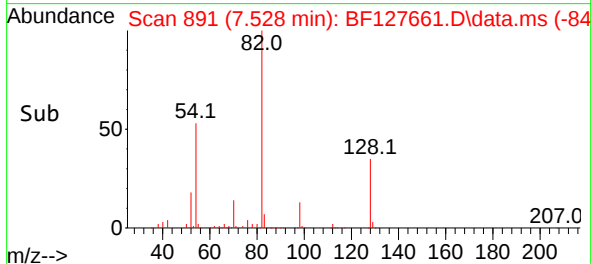
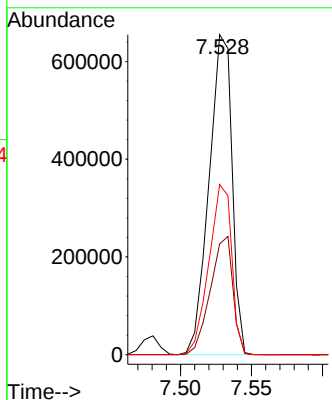
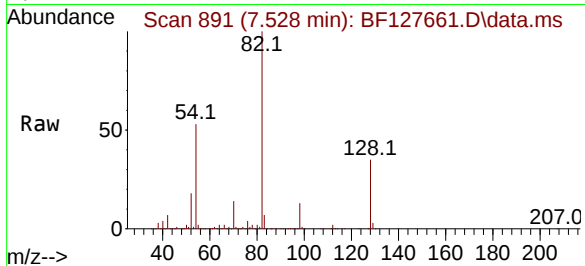




#23  
Nitrobenzene-d5  
Concen: 91.993 ng  
RT: 7.528 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

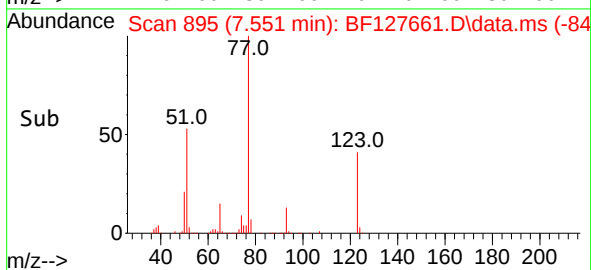
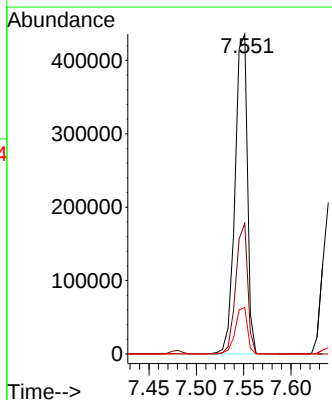
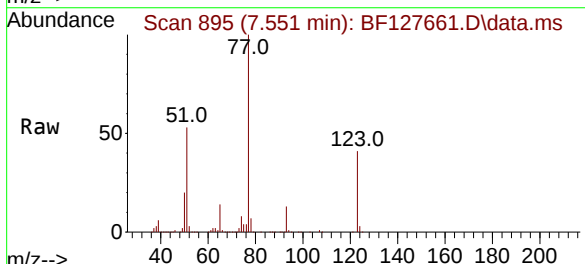
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

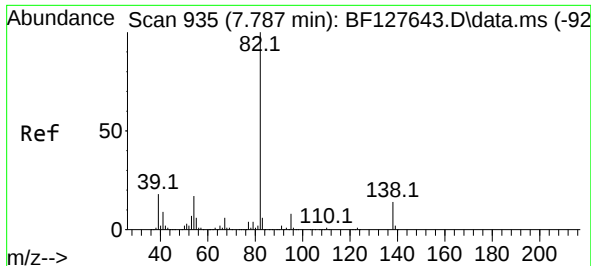
Tgt Ion: 82 Resp: 738706  
Ion Ratio Lower Upper  
82 100  
128 34.6 30.6 45.8  
54 53.2 48.2 72.2



#24  
Nitrobenzene  
Concen: 50.631 ng  
RT: 7.551 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 77 Resp: 394115  
Ion Ratio Lower Upper  
77 100  
123 40.8 32.0 48.0  
65 14.5 12.2 18.2

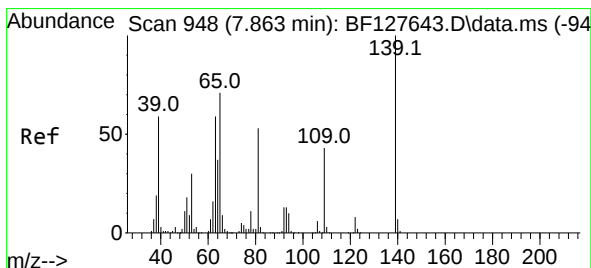
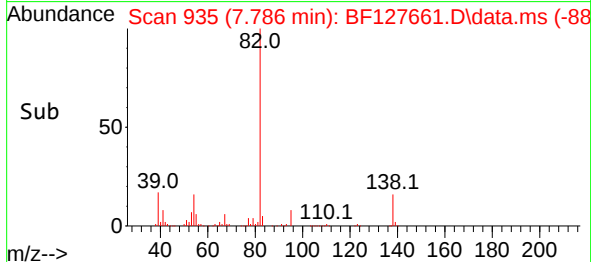
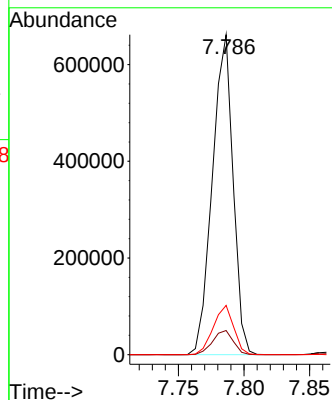
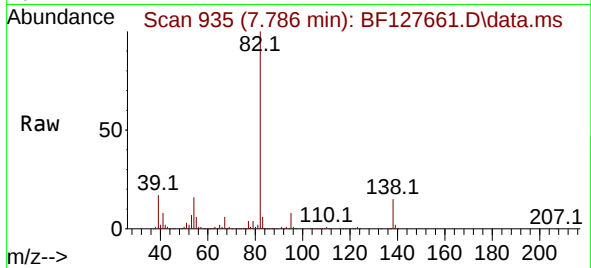




#25  
Isophorone  
Concen: 51.806 ng  
RT: 7.786 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

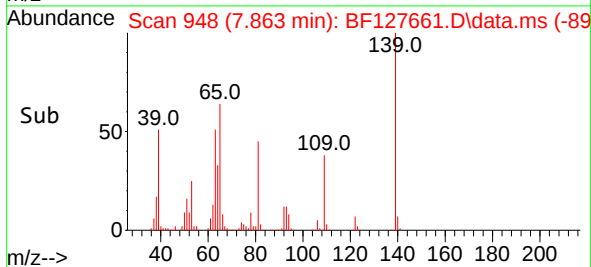
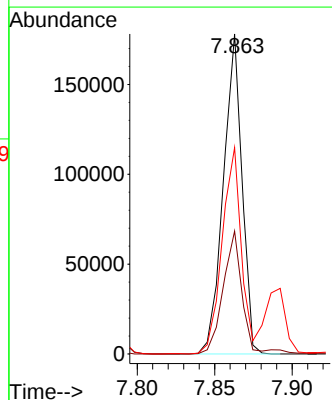
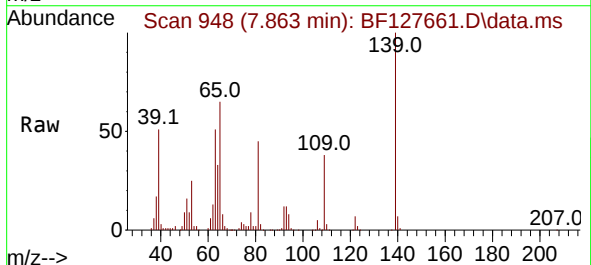
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

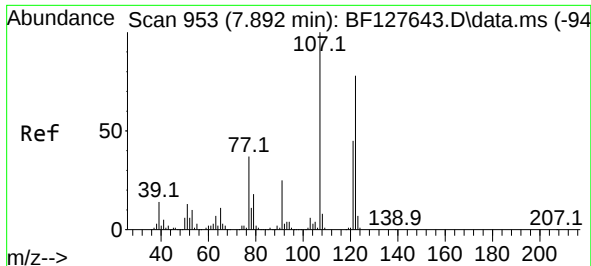
Tgt Ion: 82 Resp: 725895  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.8  
138 15.4 11.6 17.4



#26  
2-Nitrophenol  
Concen: 53.322 ng  
RT: 7.863 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 139 Resp: 149164  
Ion Ratio Lower Upper  
139 100  
109 38.4 28.2 42.2  
65 64.5 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 55.077 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127661.D

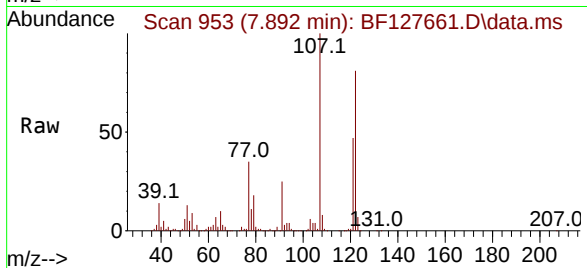
Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD



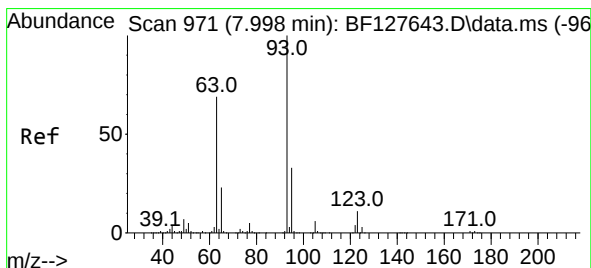
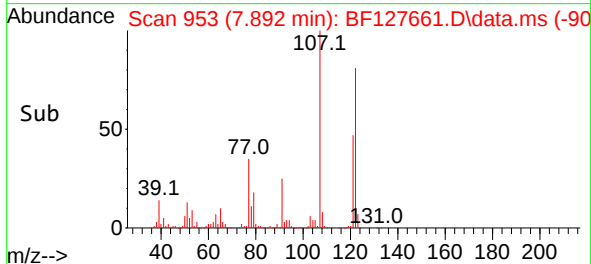
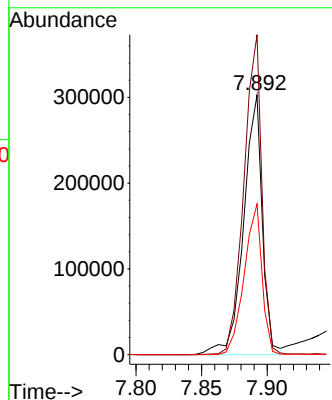
Tgt Ion:122 Resp: 301655

Ion Ratio Lower Upper

122 100

107 123.3 93.0 139.4

121 58.1 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.855 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

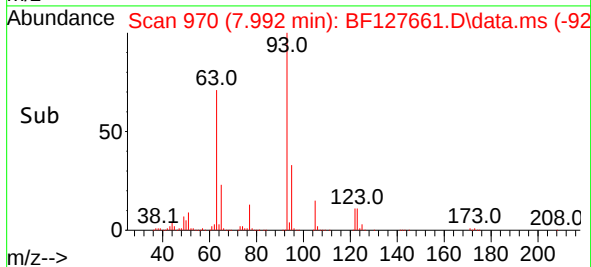
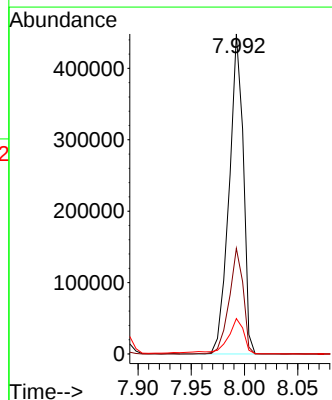
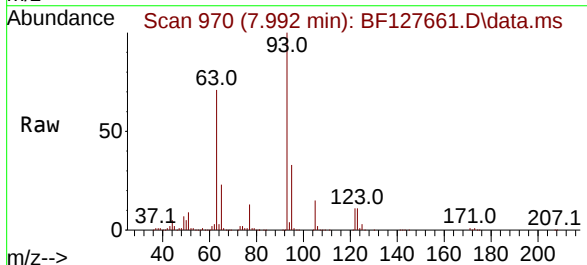
Tgt Ion: 93 Resp: 413459

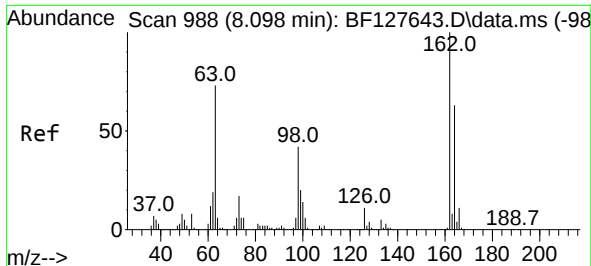
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 11.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.420 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

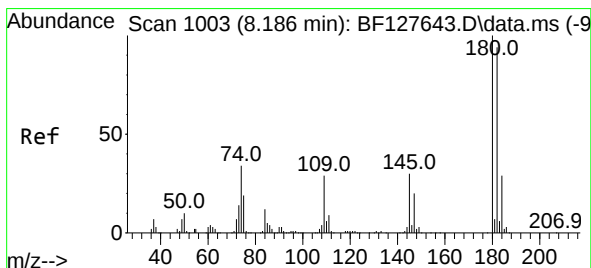
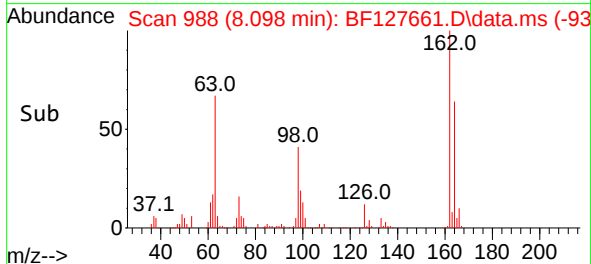
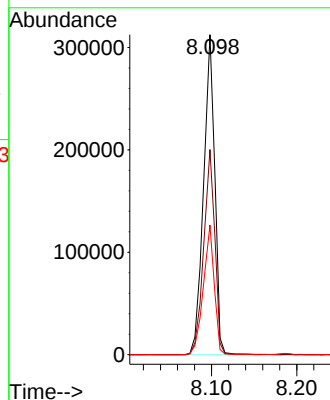
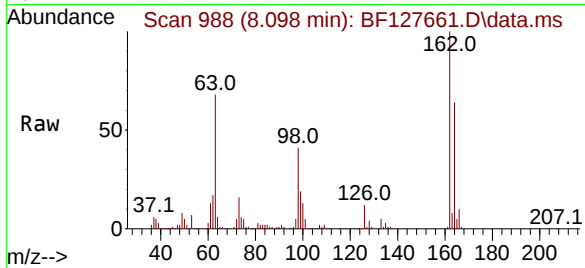
Tgt Ion:162 Resp: 285680

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

98 40.5 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 46.724 ng

RT: 8.186 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

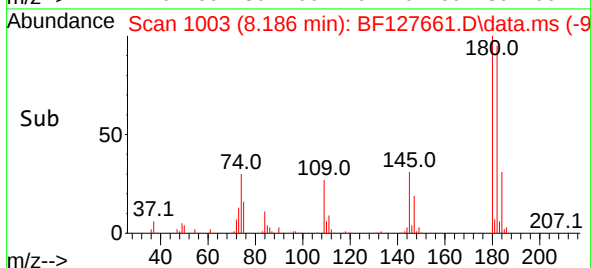
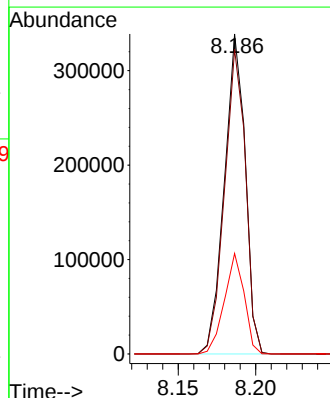
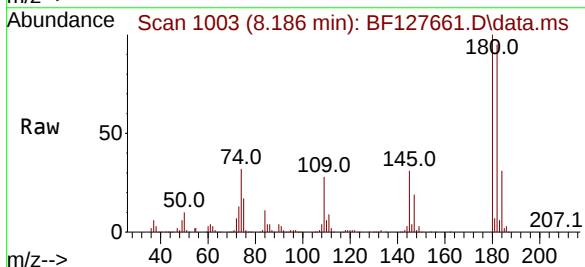
Tgt Ion:180 Resp: 317269

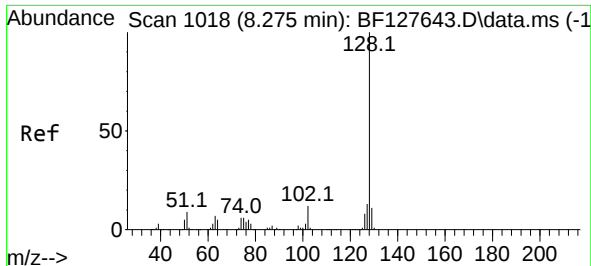
Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.6

145 31.4 23.3 34.9

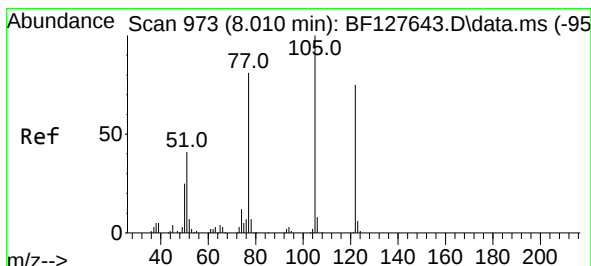
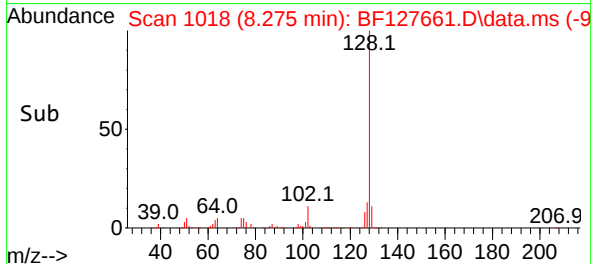
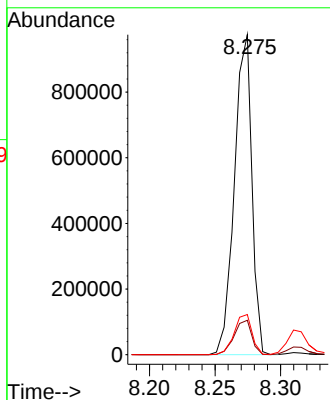
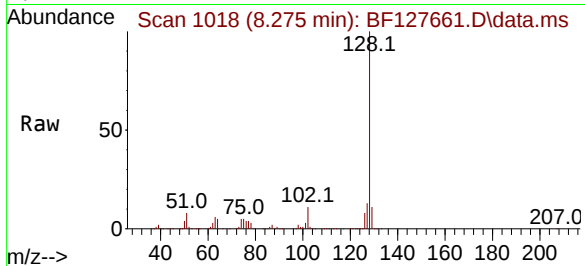




#31  
Naphthalene  
Concen: 48.232 ng  
RT: 8.275 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

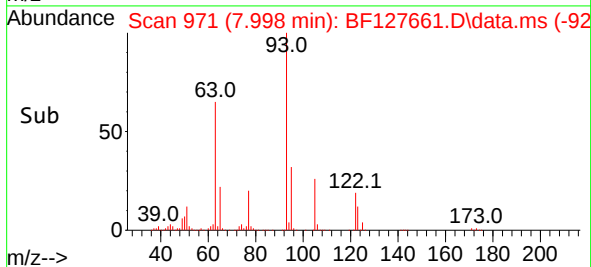
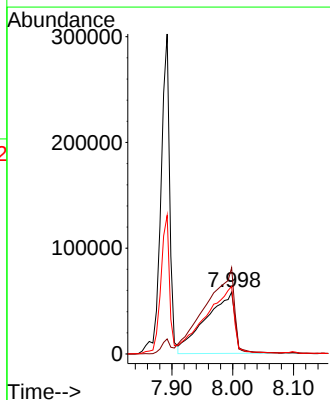
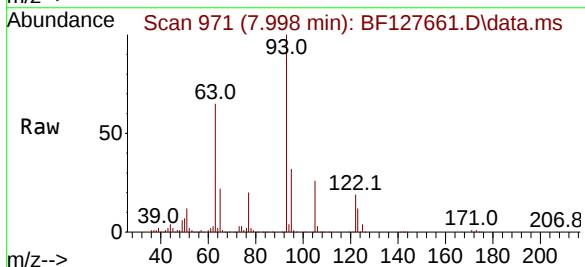
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

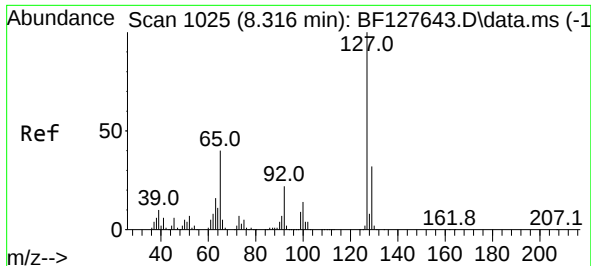
Tgt Ion:128 Resp: 904775  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 12.5 10.2 15.2



#32  
Benzoic acid  
Concen: 48.429 ng  
RT: 7.998 min Scan# 971  
Delta R.T. -0.012 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:122 Resp: 192436  
Ion Ratio Lower Upper  
122 100  
105 139.5 117.1 157.1  
77 109.1 93.0 133.0

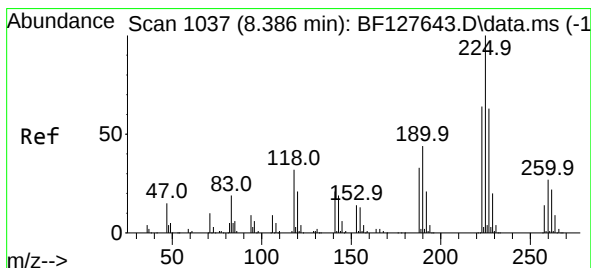
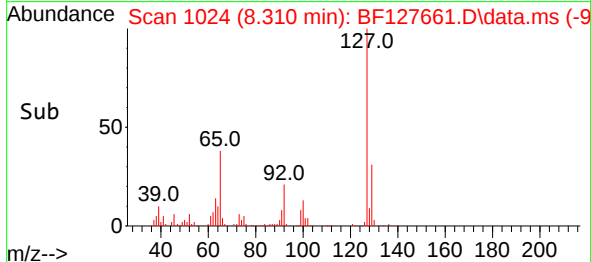
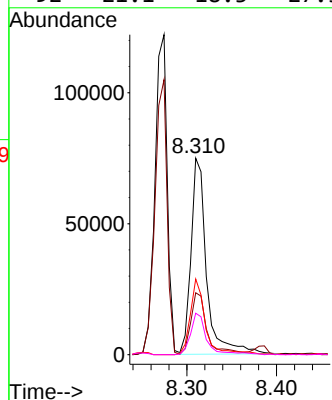
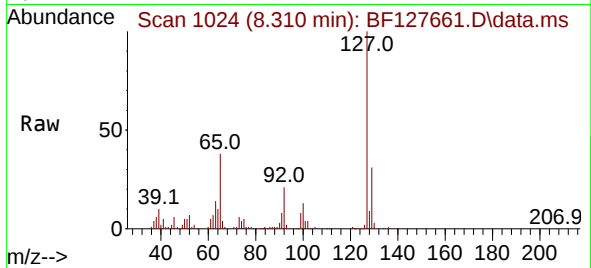




#33  
4-Chloroaniline  
Concen: 12.242 ng  
RT: 8.310 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

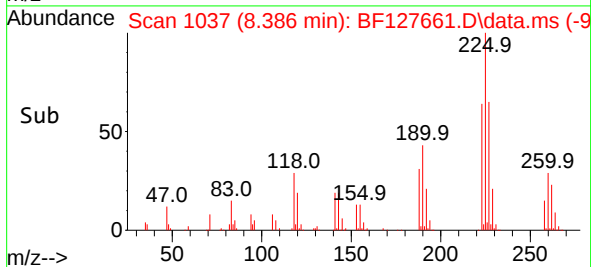
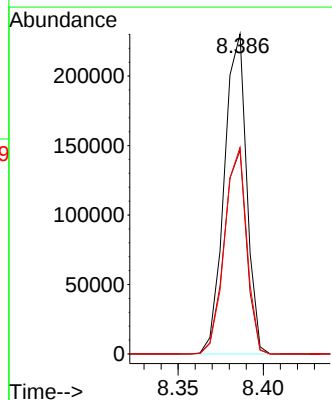
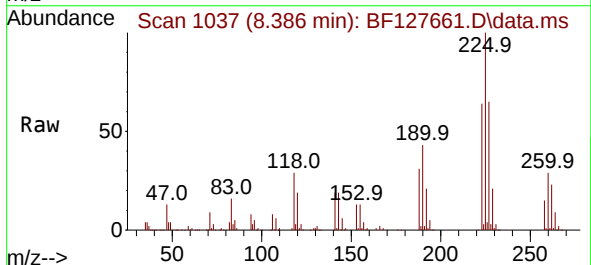
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

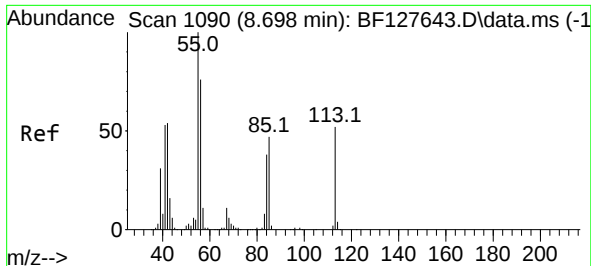
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 90440     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.5  | 25.9 38.9 |
| 65          | 38.5  | 31.4 47.0 |
| 92          | 21.1  | 18.3 27.5 |



#34  
Hexachlorobutadiene  
Concen: 44.987 ng  
RT: 8.386 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 210134    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.6  | 50.6 76.0 |
| 227         | 64.6  | 49.6 74.4 |

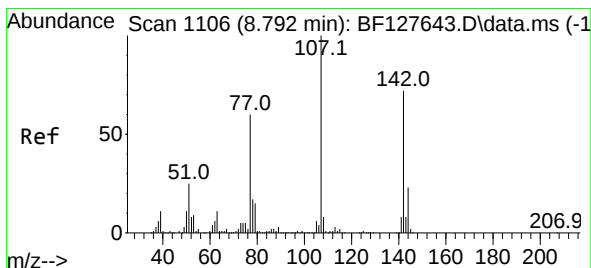
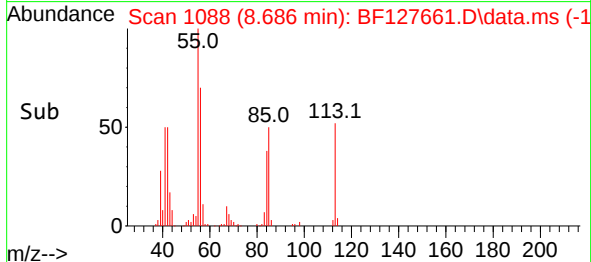
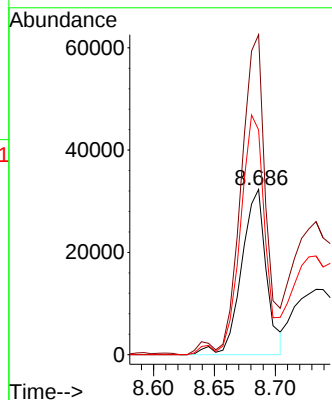
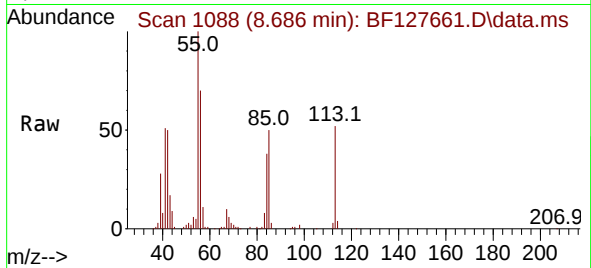




#35  
 Caprolactam  
 Concen: 26.302 ng  
 RT: 8.686 min Scan# 1088  
 Delta R.T. -0.012 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

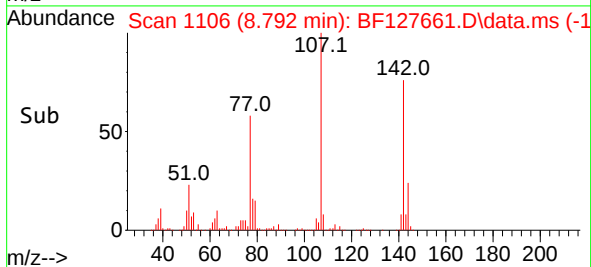
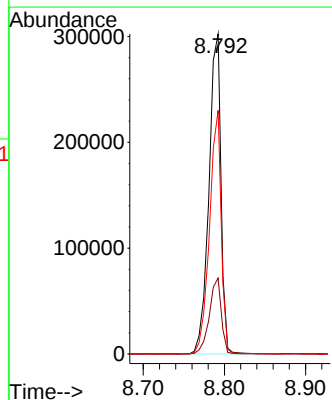
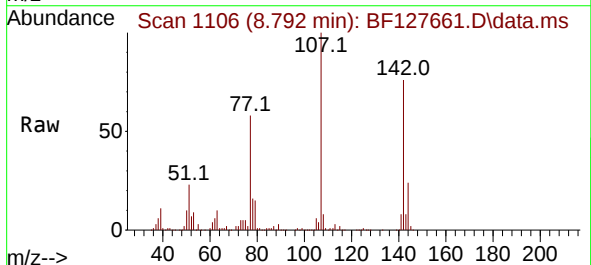
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-1MSD

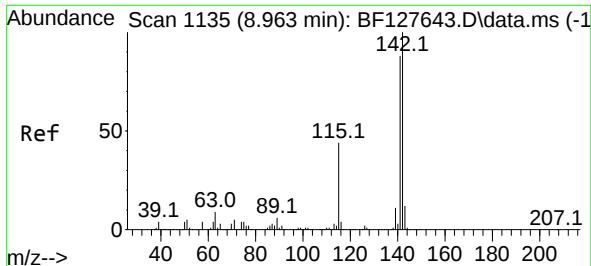
Tgt Ion:113 Resp: 45866  
 Ion Ratio Lower Upper  
 113 100  
 55 193.7 218.7 258.7#  
 56 136.1 156.2 196.2#



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.229 ng  
 RT: 8.792 min Scan# 1106  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

Tgt Ion:107 Resp: 310701  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 19.3 28.9  
 142 76.2 59.8 89.8





#37

2-Methylnaphthalene

Concen: 49.068 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

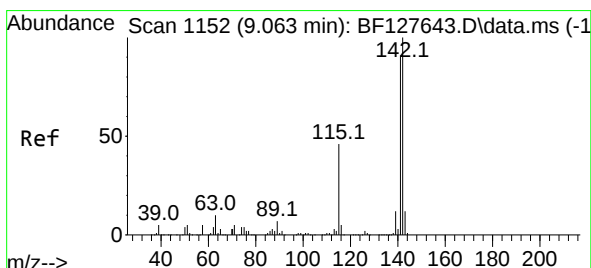
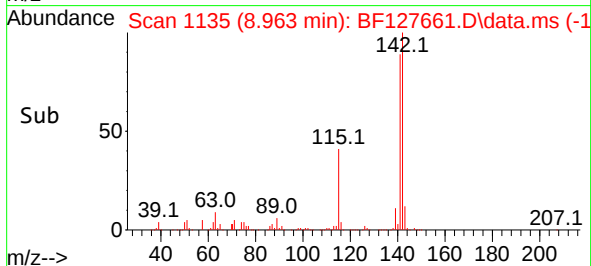
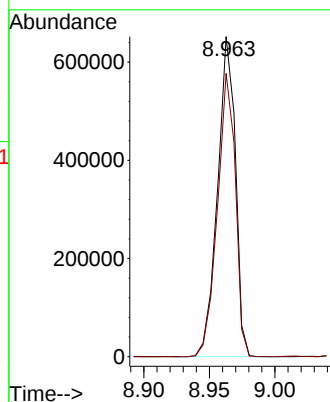
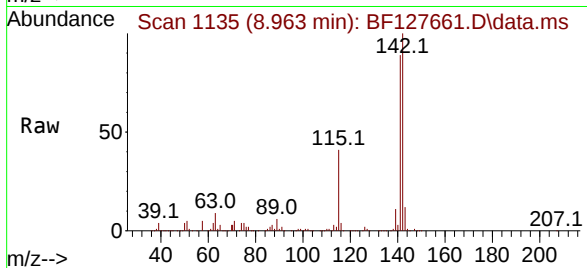
WC-14A-1A-4-1MSD

Tgt Ion:142 Resp: 615624

Ion Ratio Lower Upper

142 100

141 88.5 70.6 106.0



#38

1-Methylnaphthalene

Concen: 49.095 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF127661.D

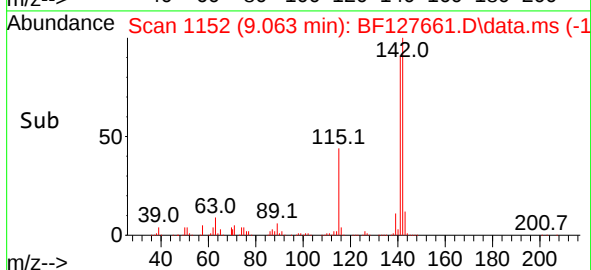
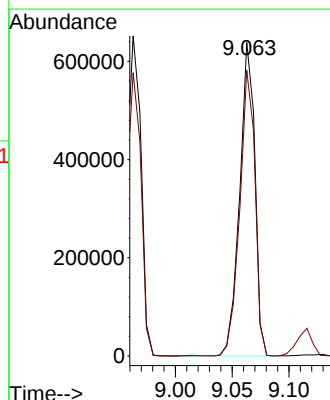
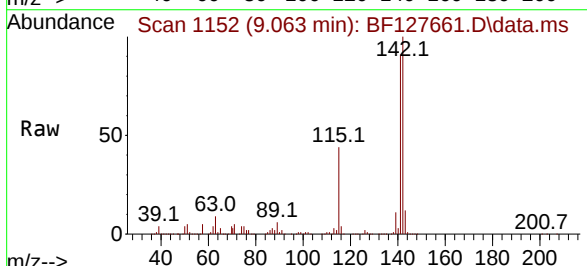
Acq: 06 Apr 2022 21:35

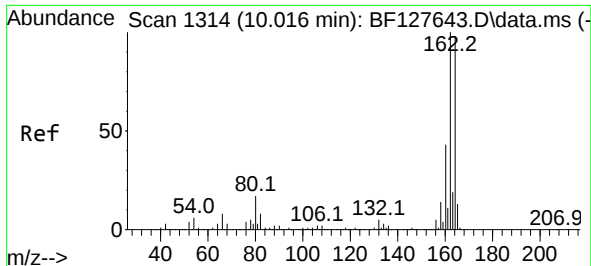
Tgt Ion:142 Resp: 594542

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.2

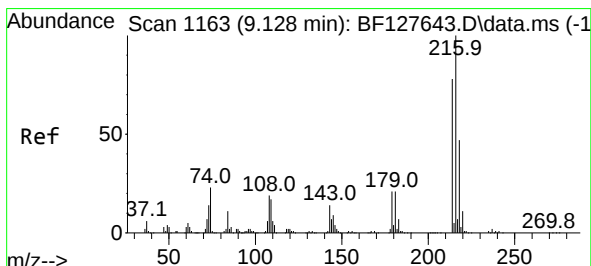
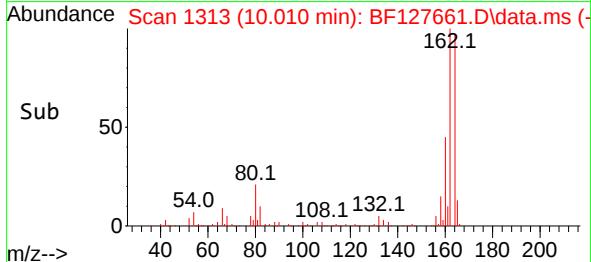
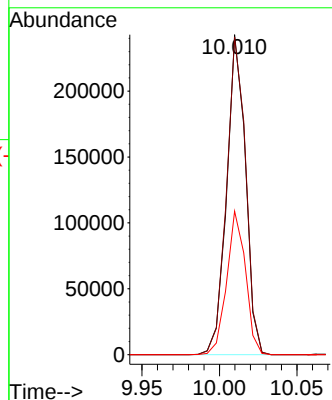
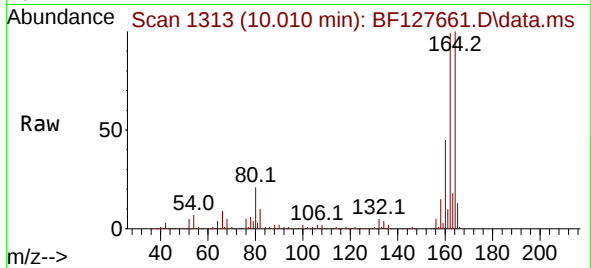




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

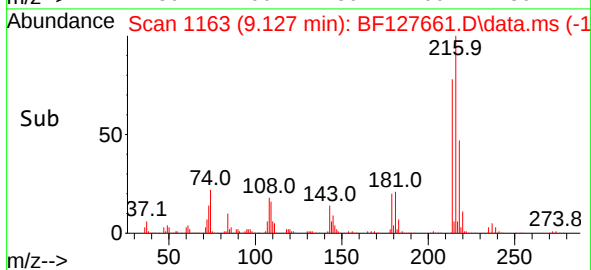
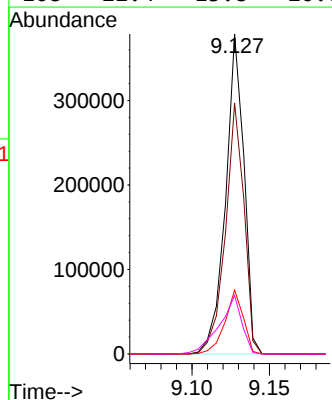
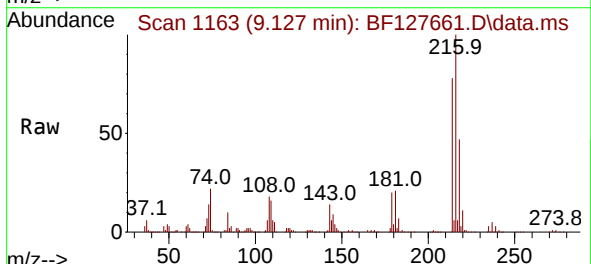
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

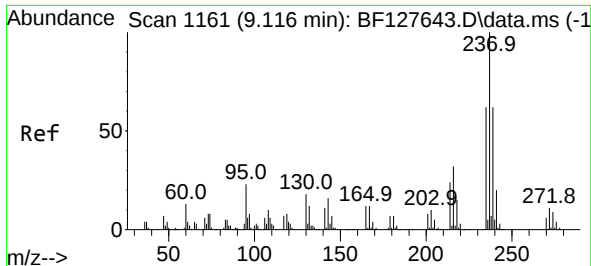
Tgt Ion:164 Resp: 204795  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.2 121.8  
160 44.9 34.6 52.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.534 ng  
RT: 9.127 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:216 Resp: 312571  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.0 94.4  
179 20.0 15.5 23.3  
108 22.4 13.8 20.6#

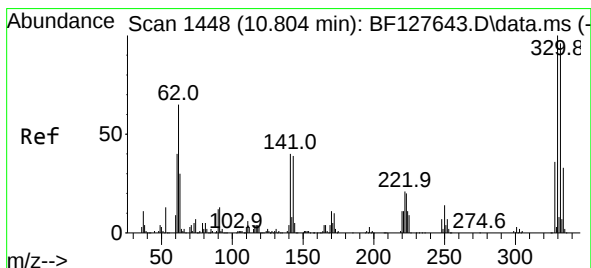
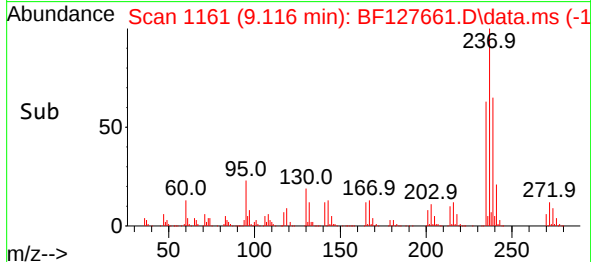
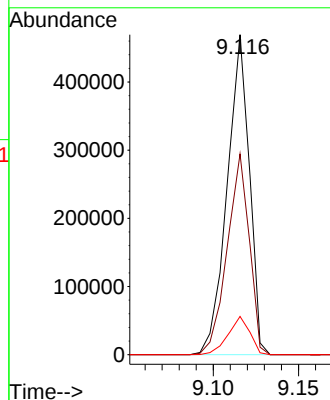
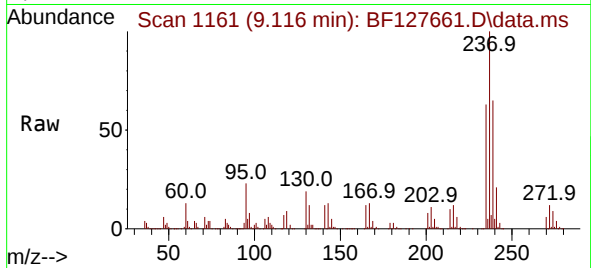




#41  
Hexachlorocyclopentadiene  
Concen: 104.854 ng  
RT: 9.116 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

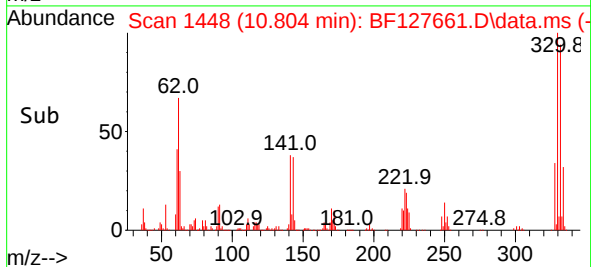
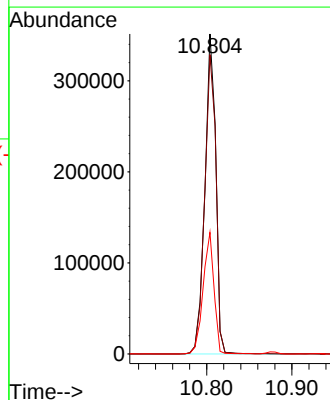
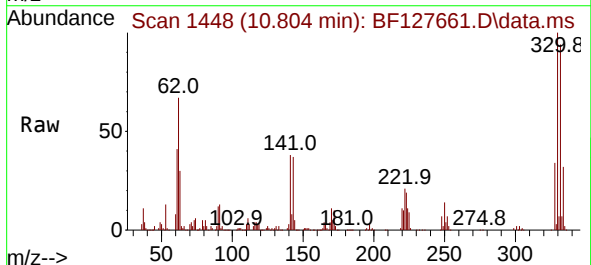
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

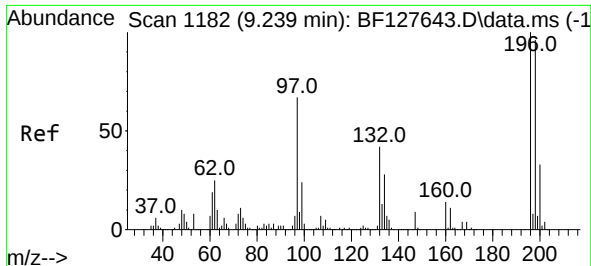
Tgt Ion:237 Resp: 424262  
Ion Ratio Lower Upper  
237 100  
235 62.8 40.4 80.4  
272 12.0 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 142.890 ng  
RT: 10.804 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:330 Resp: 311404  
Ion Ratio Lower Upper  
330 100  
332 97.0 79.1 118.7  
141 38.2 26.2 39.4

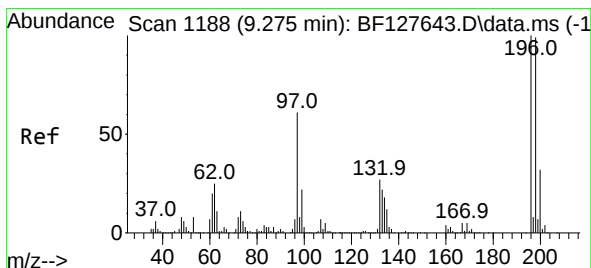
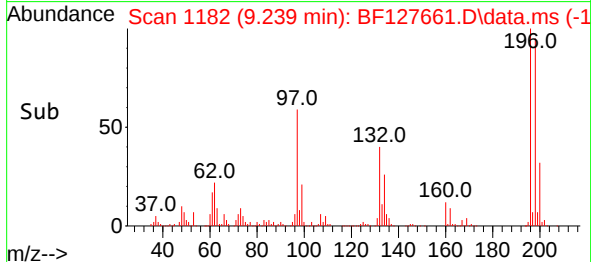
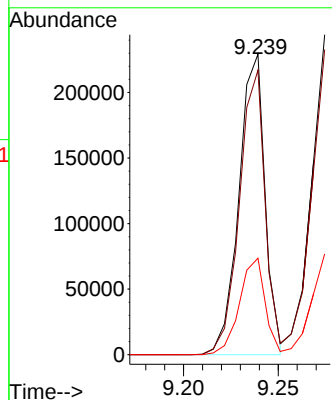
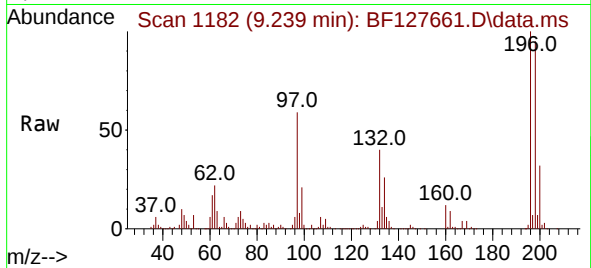




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.096 ng  
 RT: 9.239 min Scan# 1182  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

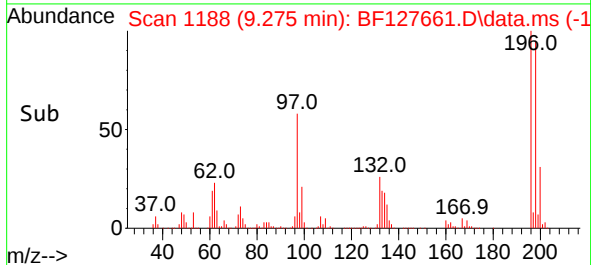
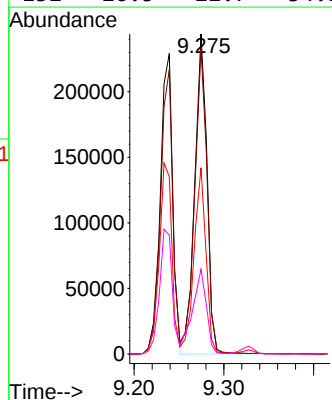
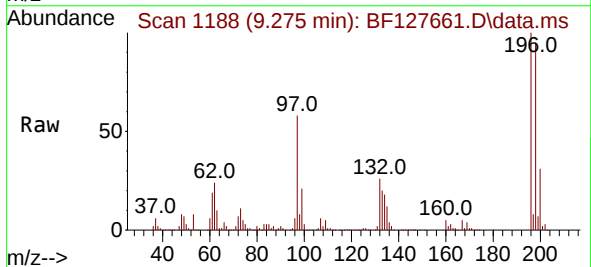
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-1MSD

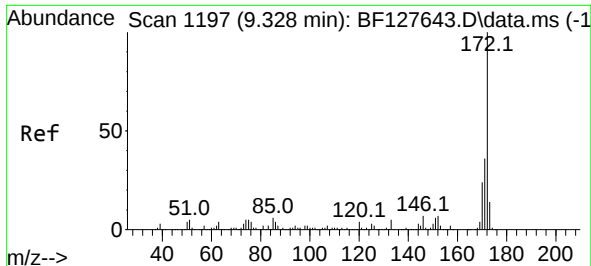
Tgt Ion:196 Resp: 219331  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 77.8 116.6  
 200 32.1 25.9 38.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.716 ng  
 RT: 9.275 min Scan# 1188  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

Tgt Ion:196 Resp: 233377  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 75.3 112.9  
 97 58.2 46.8 70.2  
 132 26.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 89.535 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

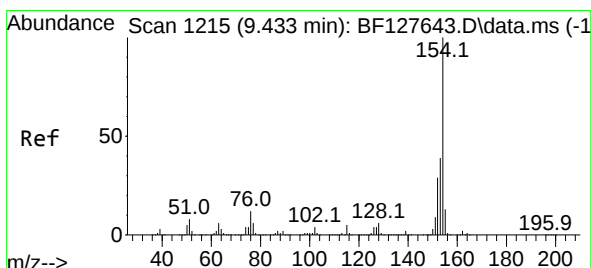
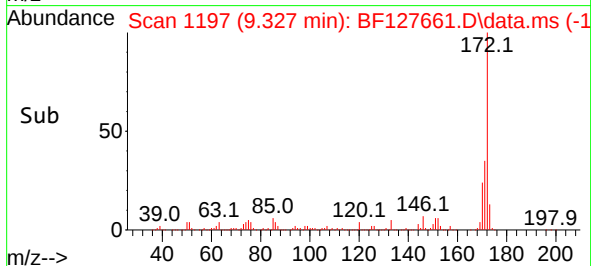
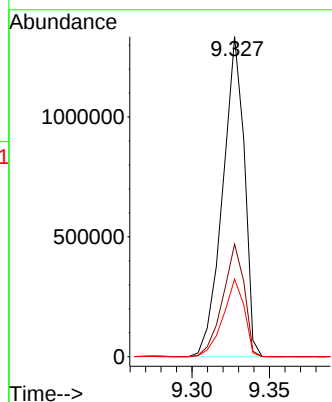
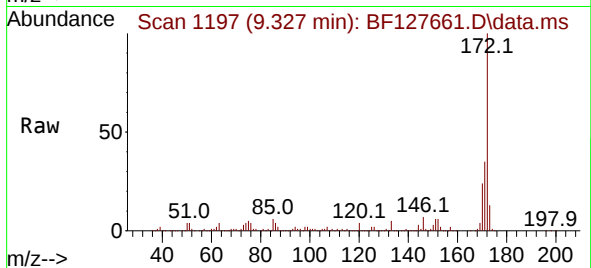
Tgt Ion:172 Resp: 1296166

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 48.718 ng

RT: 9.427 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

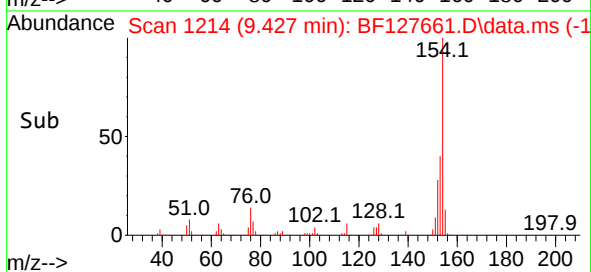
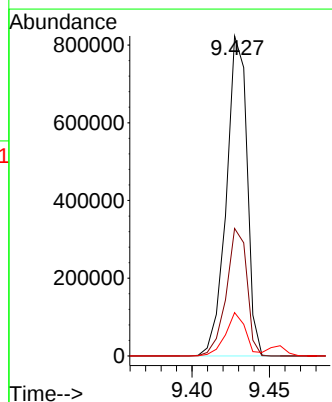
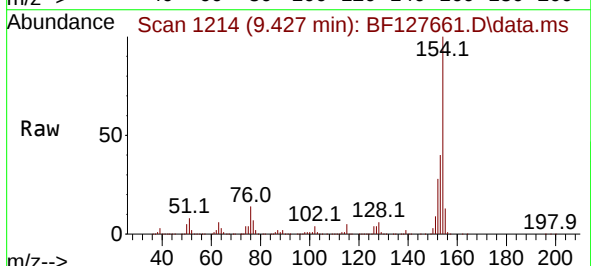
Tgt Ion:154 Resp: 763041

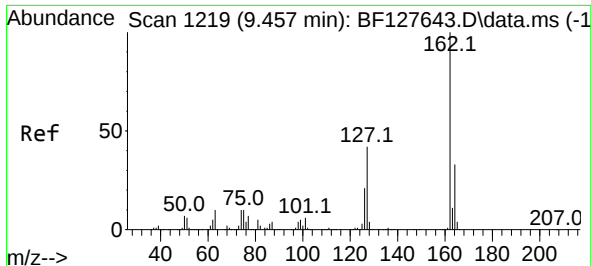
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 13.5 0.0 33.9

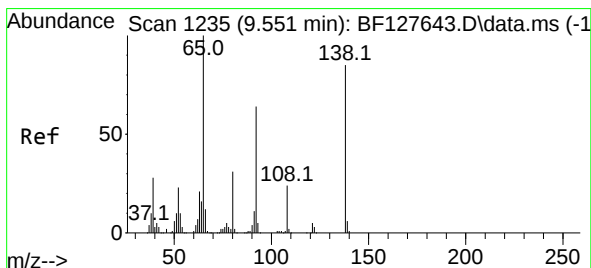
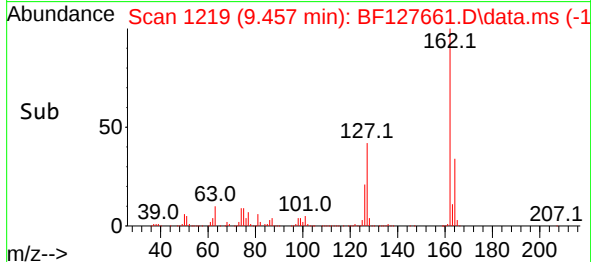
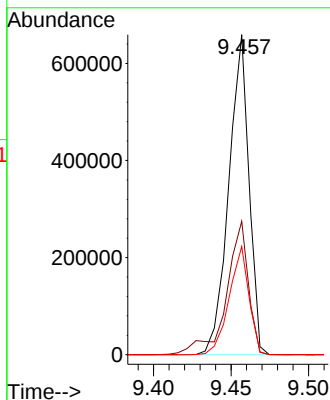
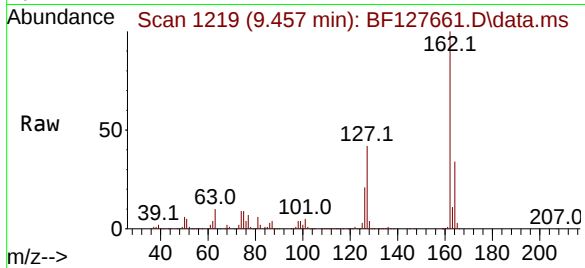




#47  
2-Chloronaphthalene  
Concen: 47.905 ng  
RT: 9.457 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

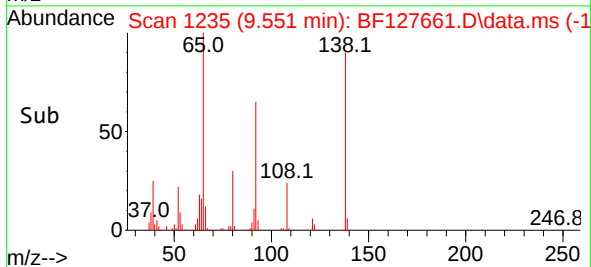
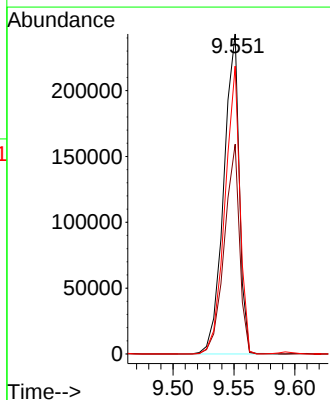
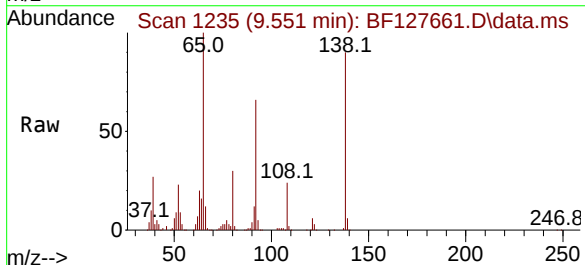
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

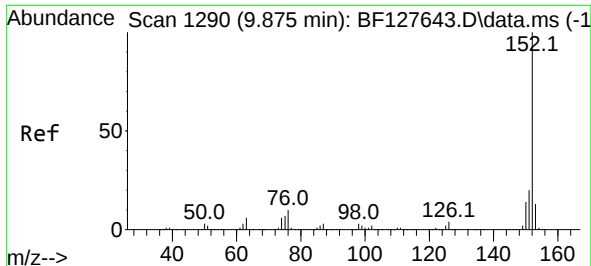
Tgt Ion:162 Resp: 596250  
Ion Ratio Lower Upper  
162 100  
127 41.7 31.8 47.6  
164 33.8 26.4 39.6



#48  
2-Nitroaniline  
Concen: 55.960 ng  
RT: 9.551 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion: 65 Resp: 216324  
Ion Ratio Lower Upper  
65 100  
92 65.6 50.0 75.0  
138 89.9 64.1 96.1





#49

Acenaphthylene

Concen: 52.702 ng

RT: 9.874 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

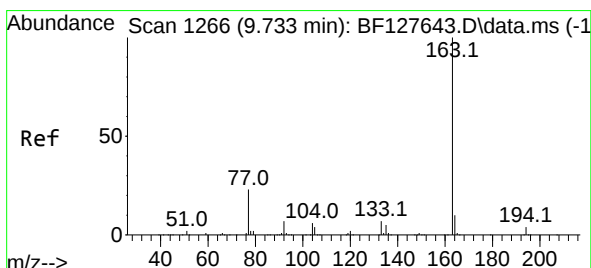
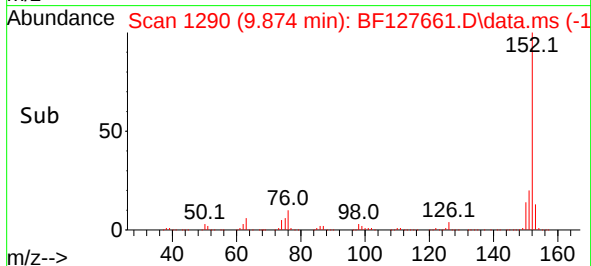
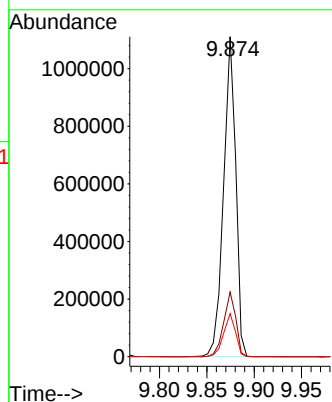
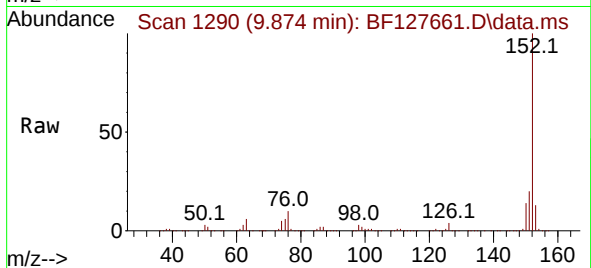
Tgt Ion:152 Resp: 997743

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 50.441 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

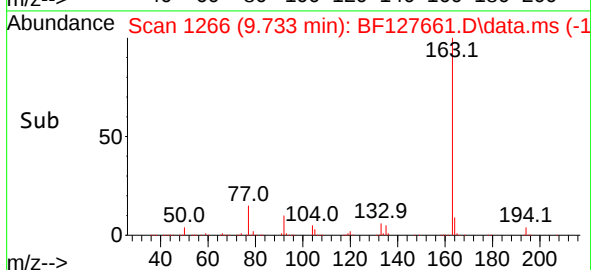
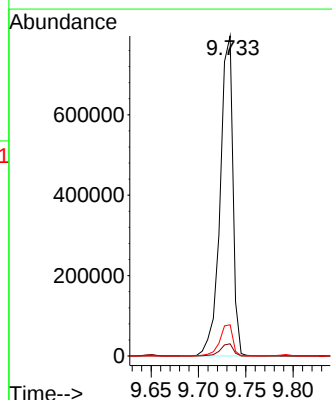
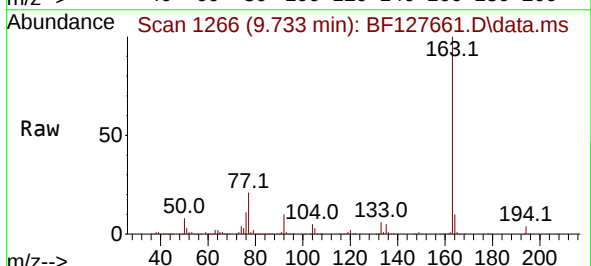
Tgt Ion:163 Resp: 748784

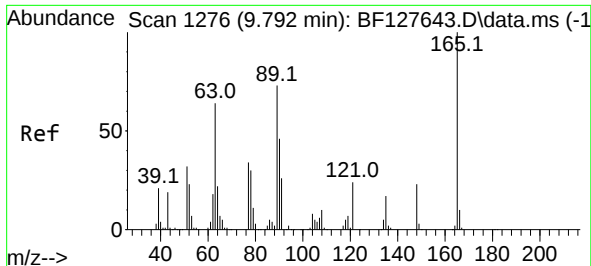
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 9.7 7.8 11.8

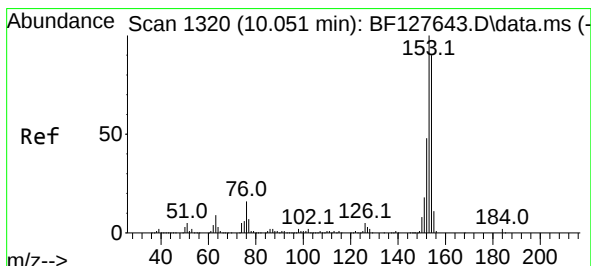
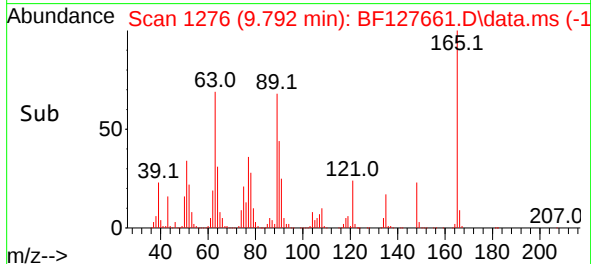
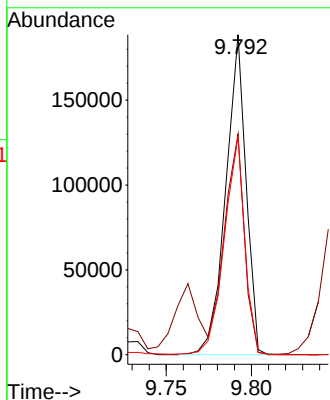
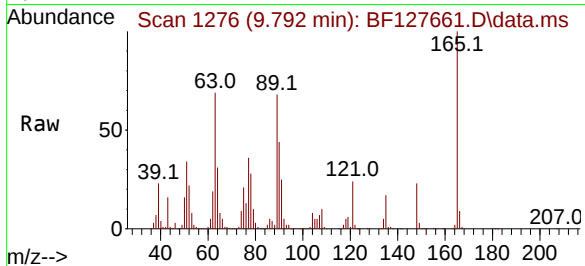




#51  
2,6-Dinitrotoluene  
Concen: 55.857 ng  
RT: 9.792 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

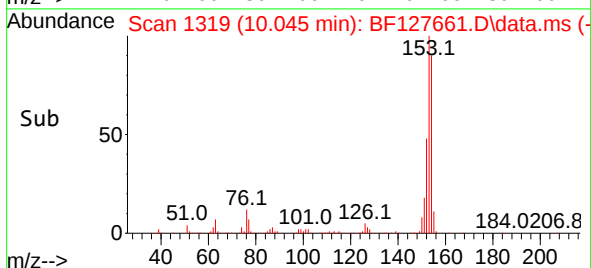
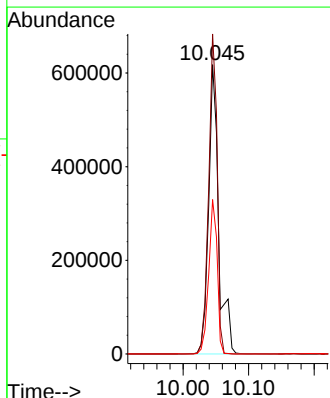
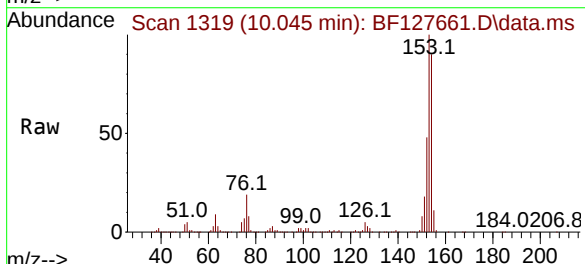
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

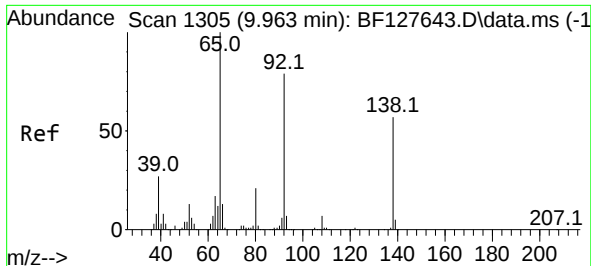
Tgt Ion:165 Resp: 156297  
Ion Ratio Lower Upper  
165 100  
63 69.0 58.3 87.5  
89 68.2 51.5 77.3



#52  
Acenaphthene  
Concen: 55.223 ng  
RT: 10.045 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:154 Resp: 658677  
Ion Ratio Lower Upper  
154 100  
153 110.6 87.6 131.4  
152 53.4 42.9 64.3

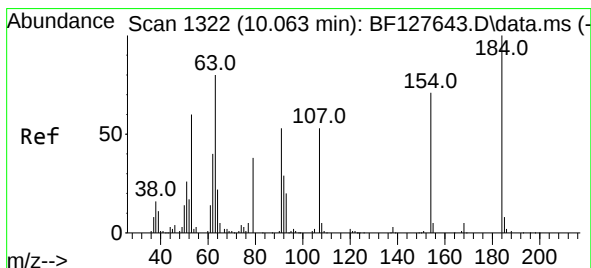
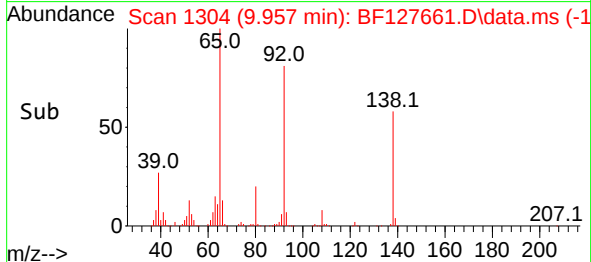
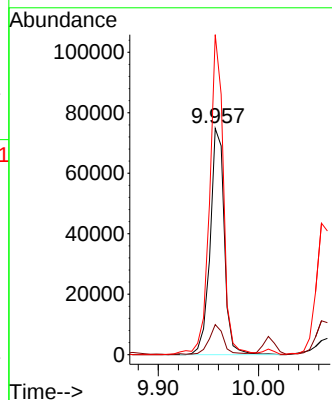
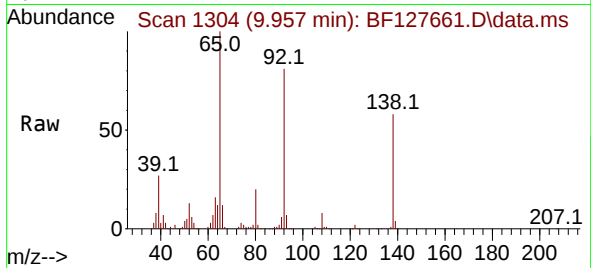




#53  
3-Nitroaniline  
Concen: 24.912 ng  
RT: 9.957 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

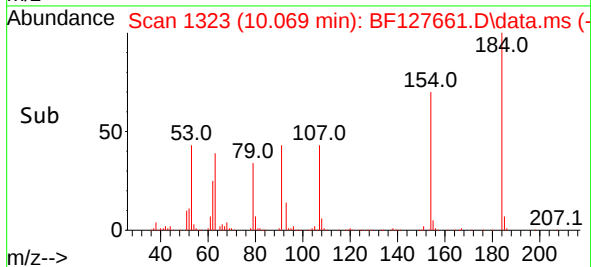
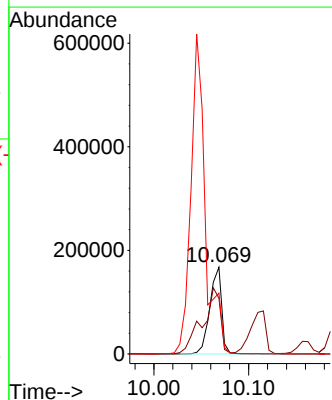
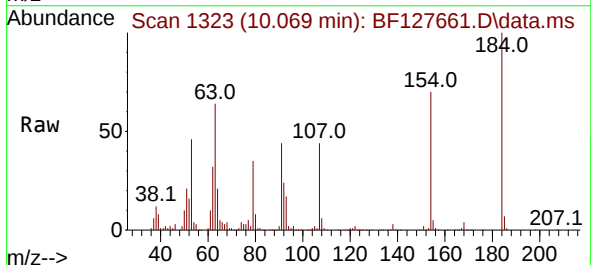
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

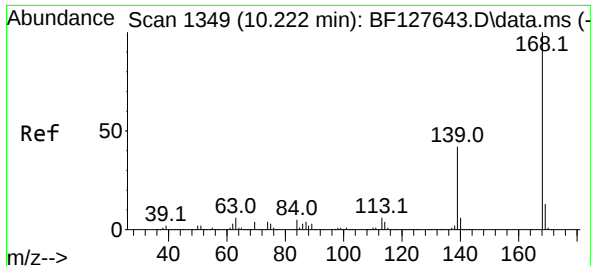
Tgt Ion:138 Resp: 73640  
Ion Ratio Lower Upper  
138 100  
108 13.3 9.4 14.0  
92 141.4 106.1 159.1



#54  
2,4-Dinitrophenol  
Concen: 102.856 ng  
RT: 10.069 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:184 Resp: 144900  
Ion Ratio Lower Upper  
184 100  
63 64.2 58.1 87.1  
154 70.1 53.2 79.8

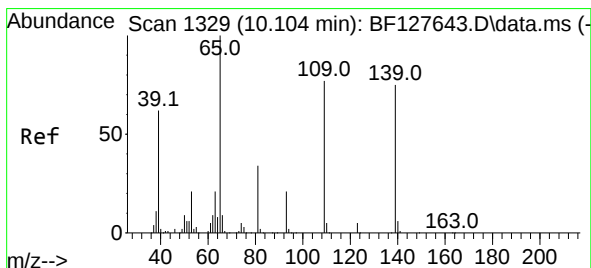
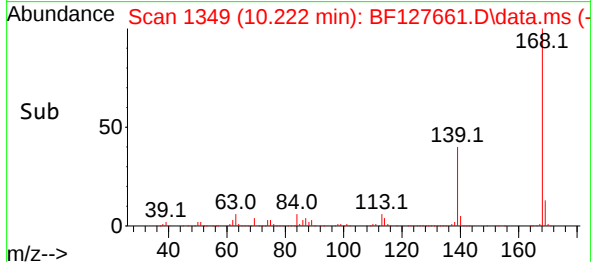
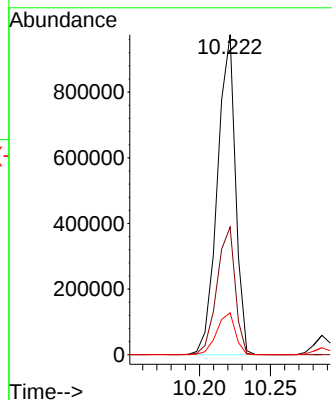
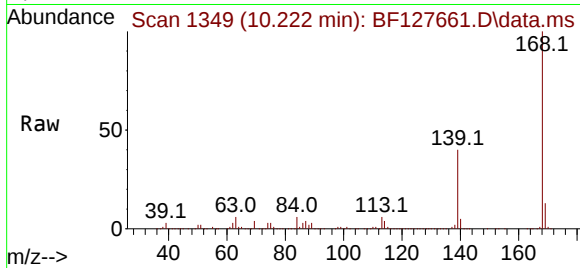




#55  
Dibenzofuran  
Concen: 49.571 ng  
RT: 10.222 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

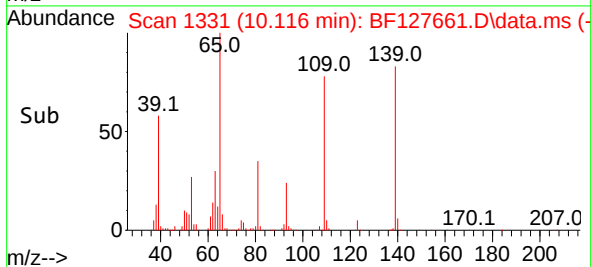
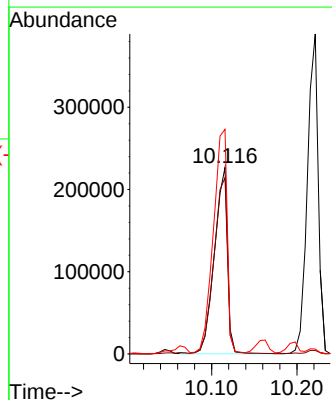
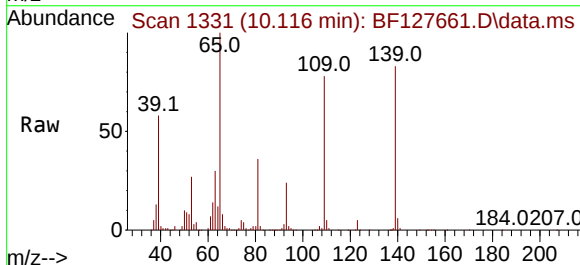
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

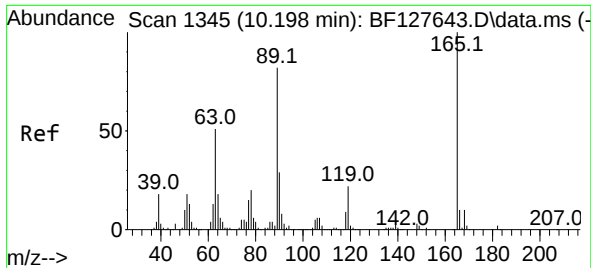
Tgt Ion:168 Resp: 862804  
Ion Ratio Lower Upper  
168 100  
139 39.9 30.3 45.5  
169 13.1 10.8 16.2



#56  
4-Nitrophenol  
Concen: 104.007 ng  
RT: 10.116 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:139 Resp: 241490  
Ion Ratio Lower Upper  
139 100  
109 94.5 64.3 104.3  
65 120.6 117.5 157.5

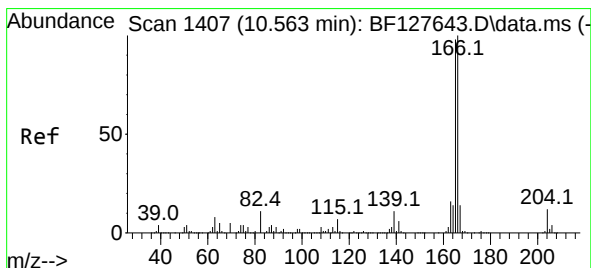
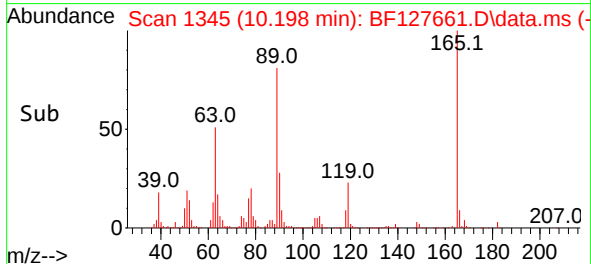
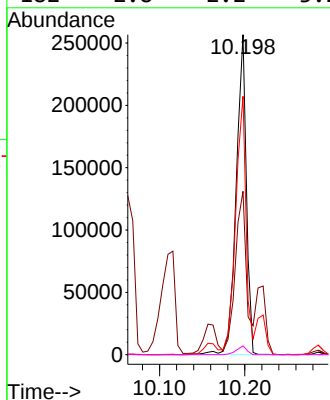
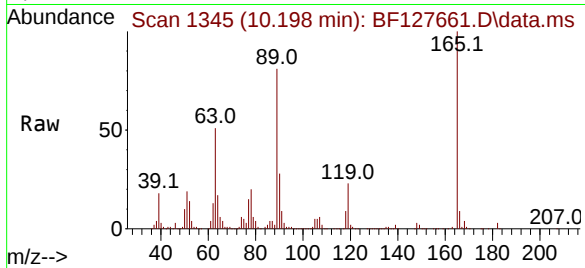




#57  
2,4-Dinitrotoluene  
Concen: 61.723 ng  
RT: 10.198 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

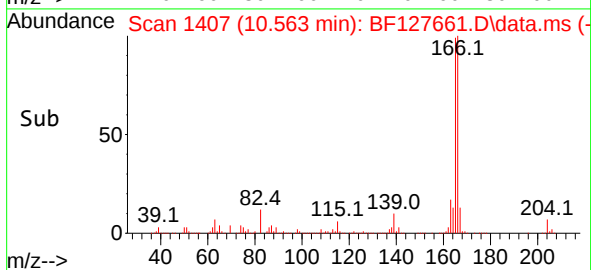
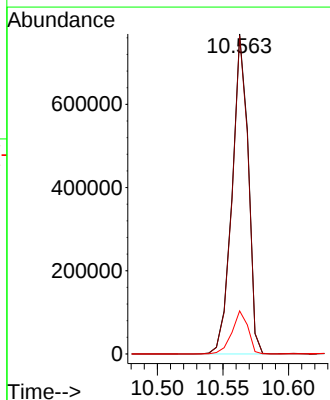
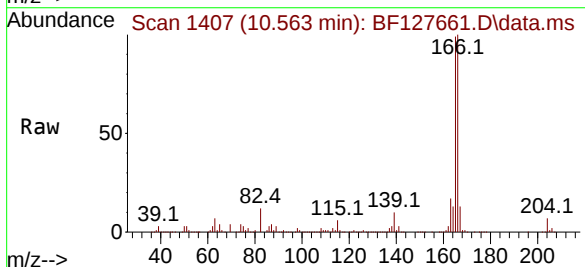
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

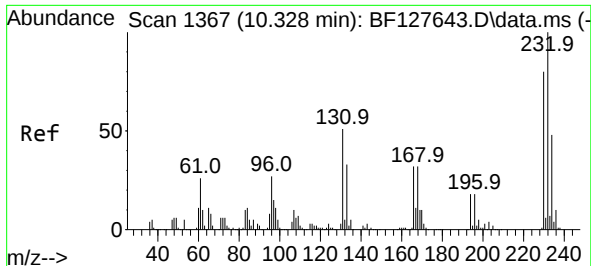
Tgt Ion:165 Resp: 214127  
Ion Ratio Lower Upper  
165 100  
63 51.1 53.1 79.7#  
89 80.7 69.2 103.8  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 50.966 ng  
RT: 10.563 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:166 Resp: 655435  
Ion Ratio Lower Upper  
166 100  
165 99.5 78.1 117.1  
167 13.4 10.5 15.7

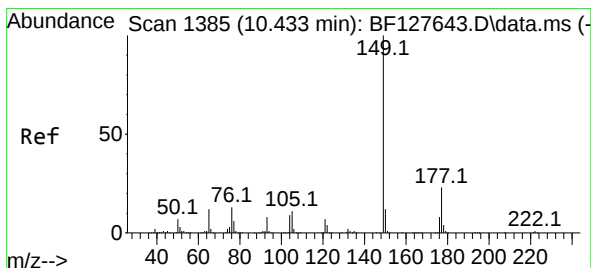
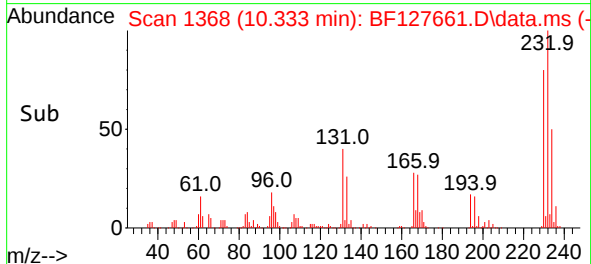
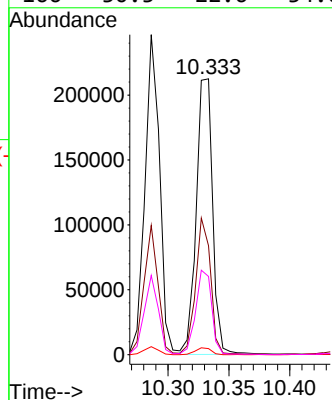
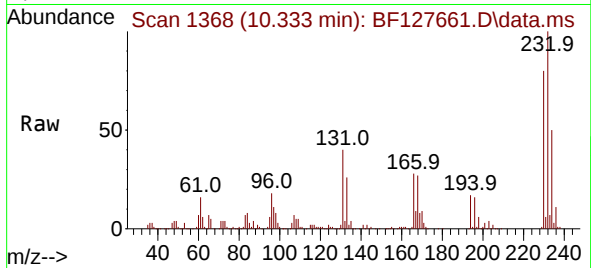




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.597 ng  
RT: 10.333 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

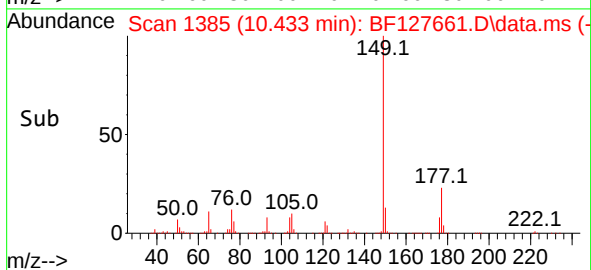
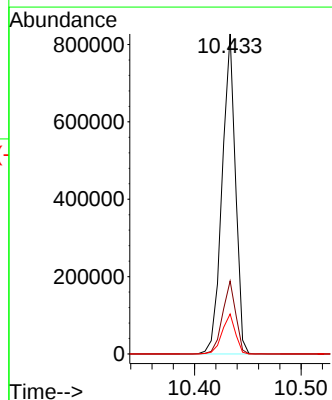
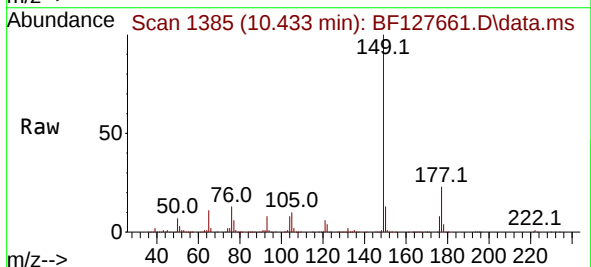
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

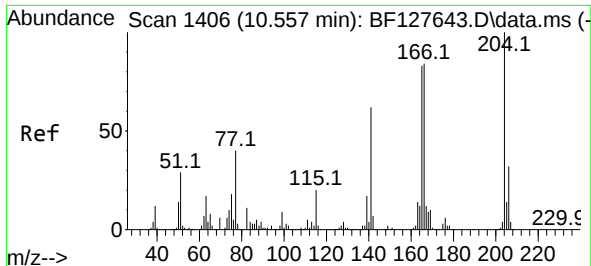
Tgt Ion:232 Resp: 198873  
Ion Ratio Lower Upper  
232 100  
131 44.6 33.4 50.0  
130 2.4 1.8 2.6  
166 30.3 22.6 34.0



#60  
Diethylphthalate  
Concen: 50.527 ng  
RT: 10.433 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:149 Resp: 717753  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.9 28.3  
150 12.5 10.0 15.0

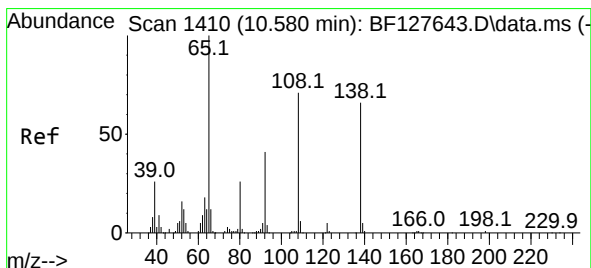
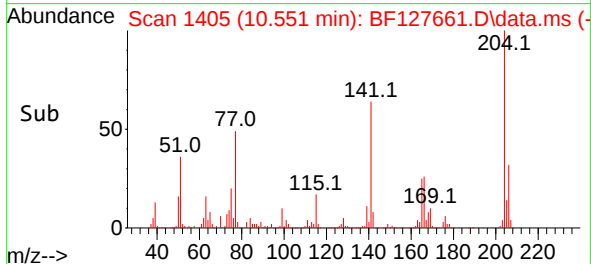
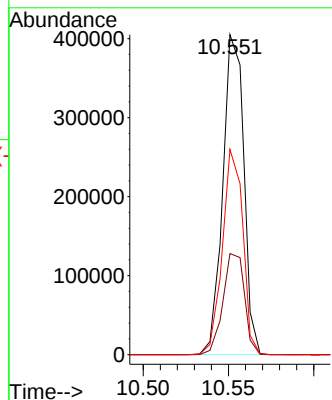
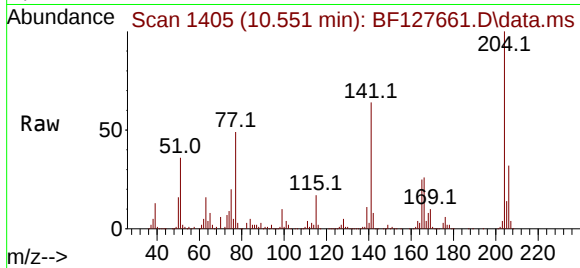




#61  
4-Chlorophenyl-phenylether  
Concen: 49.133 ng  
RT: 10.551 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

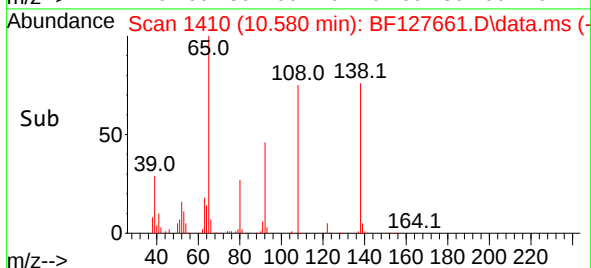
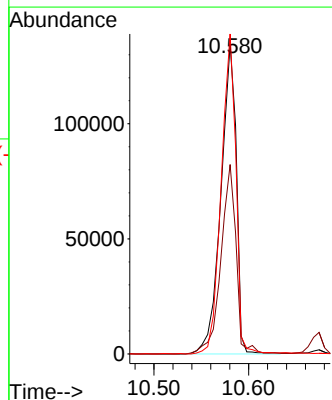
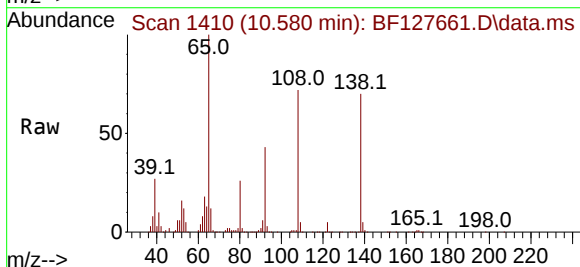
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

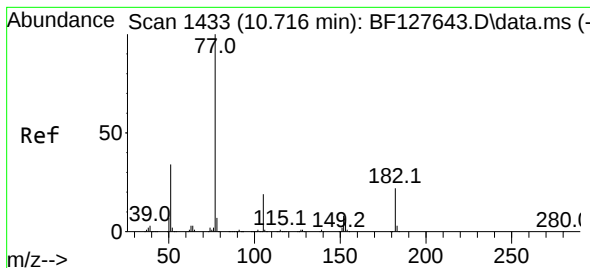
Tgt Ion:204 Resp: 347179  
Ion Ratio Lower Upper  
204 100  
206 31.6 25.9 38.9  
141 64.2 47.8 71.8



#62  
4-Nitroaniline  
Concen: 54.908 ng  
RT: 10.580 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:138 Resp: 152866  
Ion Ratio Lower Upper  
138 100  
92 61.2 40.5 80.5  
108 103.3 69.2 109.2





#63

Azobenzene

Concen: 49.374 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

Tgt Ion: 77 Resp: 783720

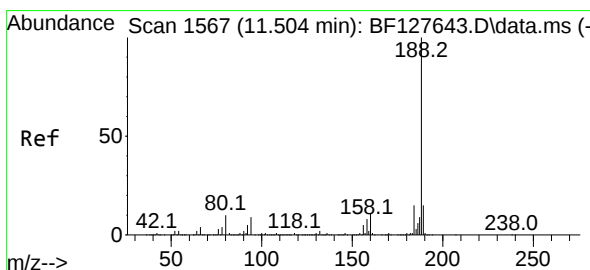
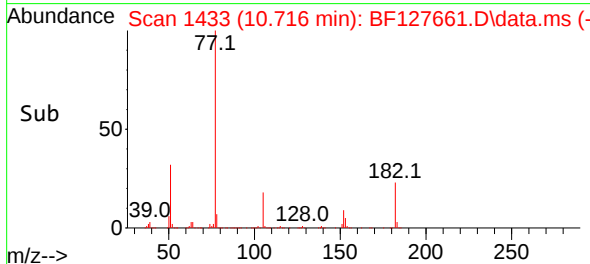
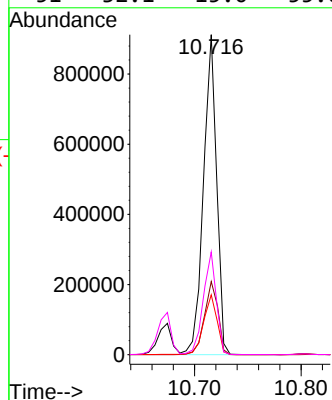
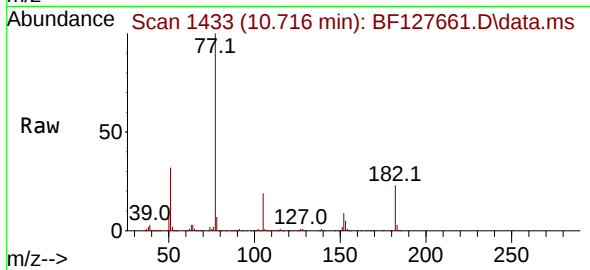
Ion Ratio Lower Upper

77 100

182 22.9 4.5 44.5

105 18.7 0.3 40.3

51 32.1 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

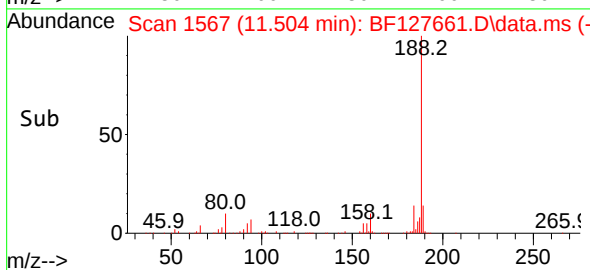
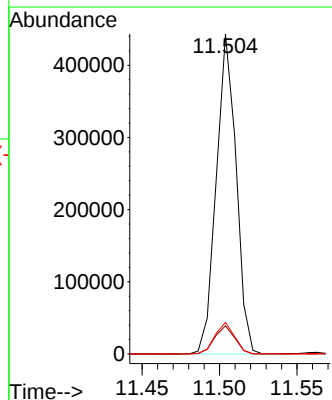
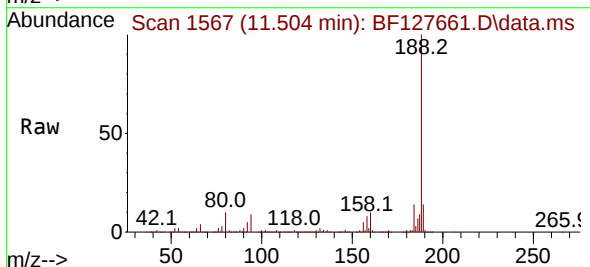
Tgt Ion: 188 Resp: 395544

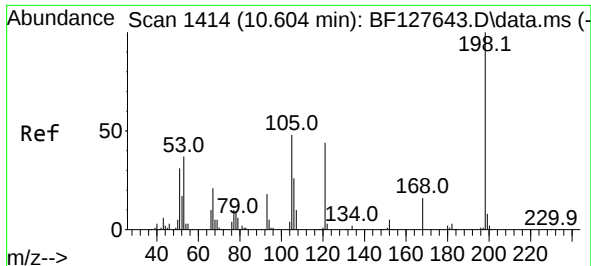
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

80 9.8 8.0 12.0

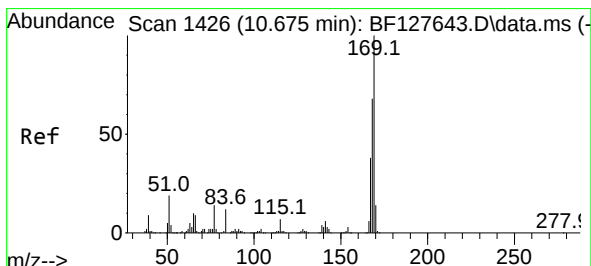
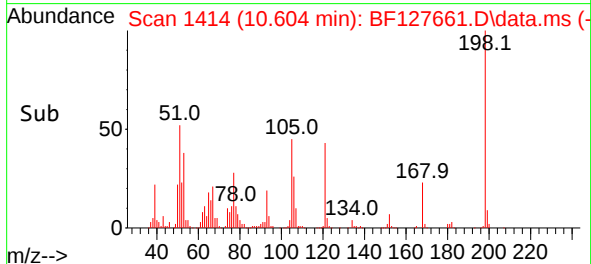
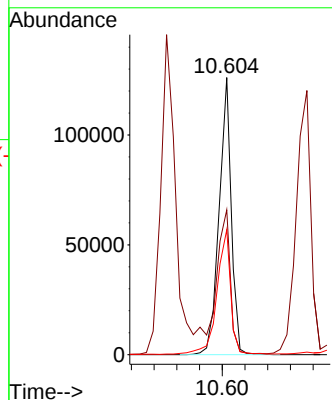
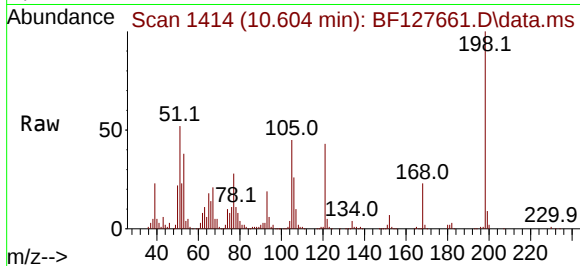




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.292 ng  
RT: 10.604 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

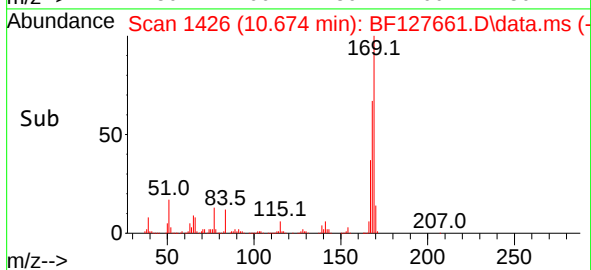
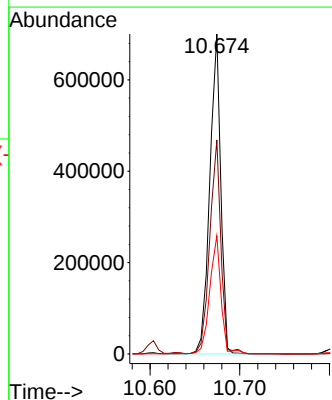
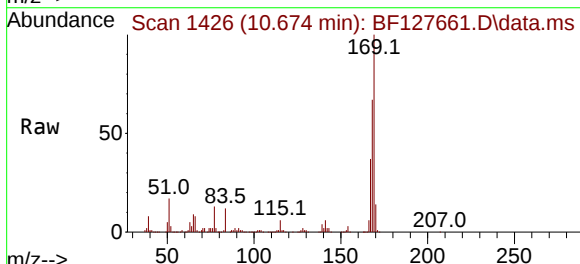
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

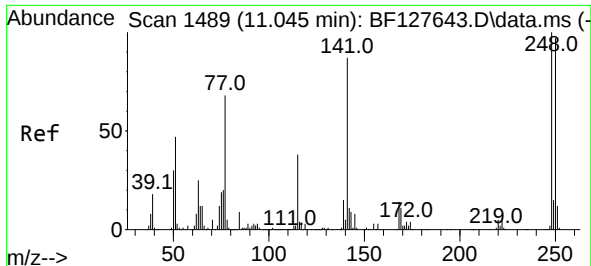
Tgt Ion:198 Resp: 94171  
Ion Ratio Lower Upper  
198 100  
51 52.2 42.7 82.7  
105 45.1 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 47.868 ng  
RT: 10.674 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:169 Resp: 596313  
Ion Ratio Lower Upper  
169 100  
168 66.9 52.7 79.1  
167 37.0 28.9 43.3

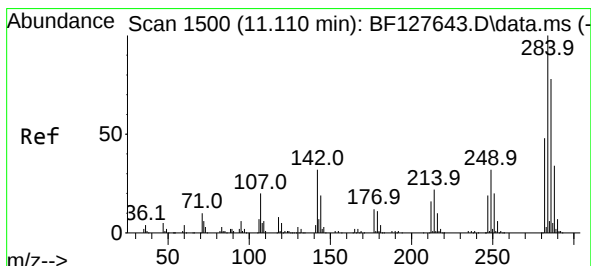
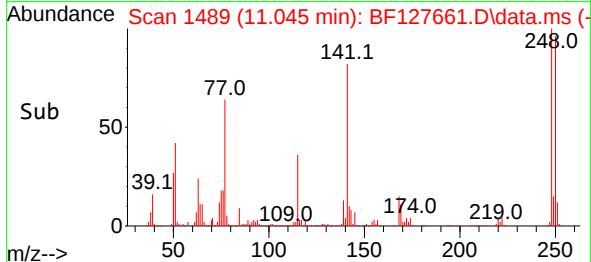
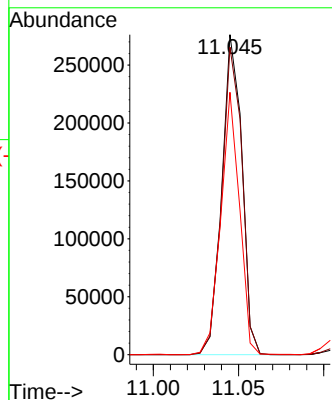
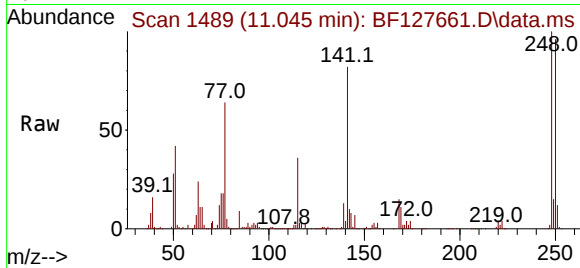




#67  
4-Bromophenyl-phenylether  
Concen: 47.188 ng  
RT: 11.045 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

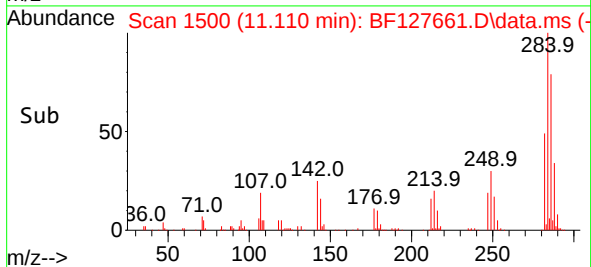
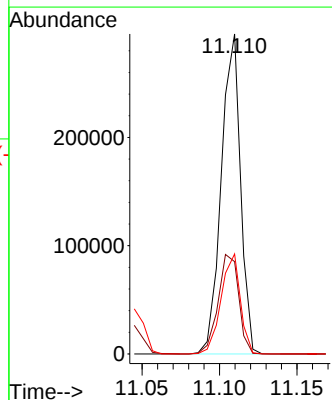
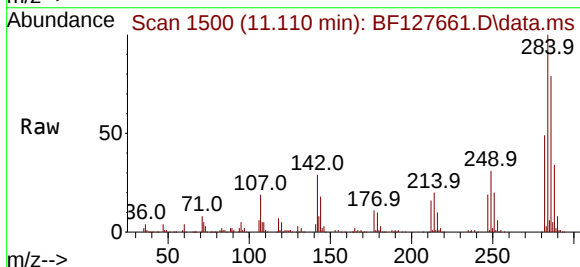
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

Tgt Ion:248 Resp: 226523  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.6 115.0  
141 82.0 52.2 78.2#



#68  
Hexachlorobenzene  
Concen: 48.558 ng  
RT: 11.110 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:284 Resp: 254814  
Ion Ratio Lower Upper  
284 100  
142 28.9 23.8 35.8  
249 31.3 23.9 35.9





#69

Atrazine

Concen: 49.591 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

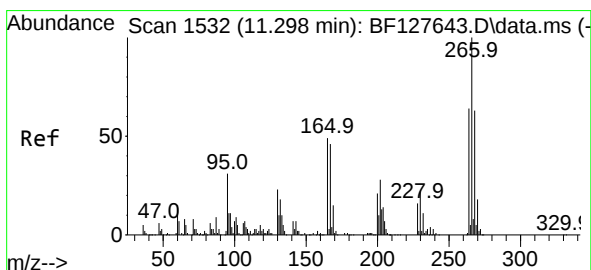
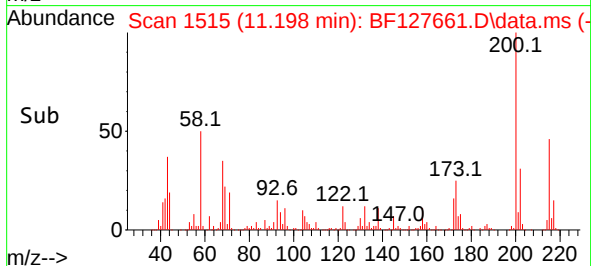
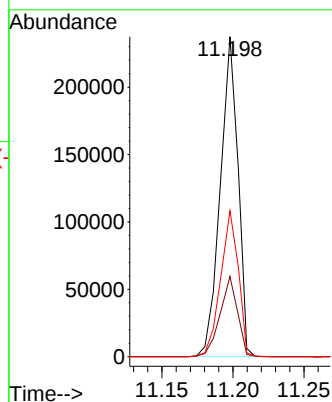
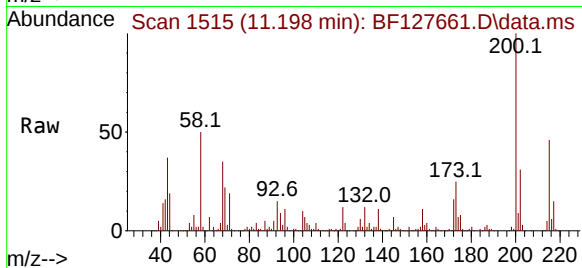
Tgt Ion:200 Resp: 205255

Ion Ratio Lower Upper

200 100

173 25.1 2.9 42.9

215 45.6 28.0 68.0



#70

Pentachlorophenol

Concen: 95.367 ng

RT: 11.304 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

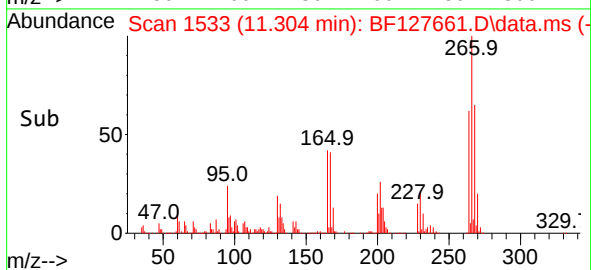
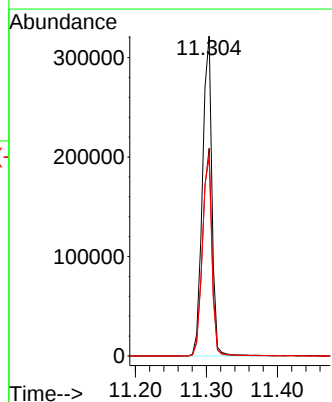
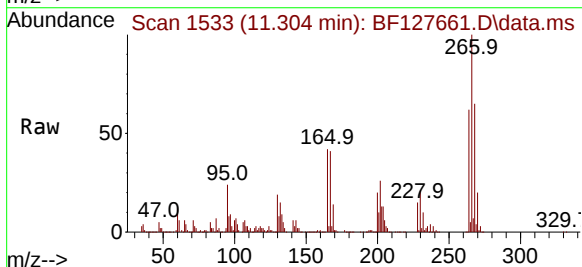
Tgt Ion:266 Resp: 298897

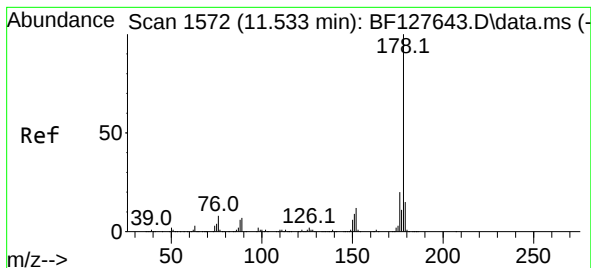
Ion Ratio Lower Upper

266 100

268 64.9 50.4 75.6

264 62.1 48.5 72.7





#71

Phenanthrene

Concen: 48.697 ng

RT: 11.533 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

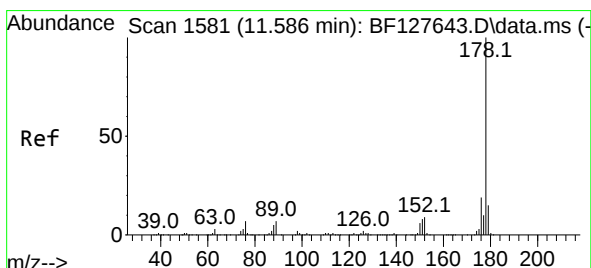
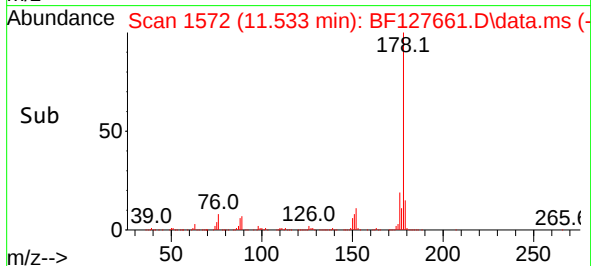
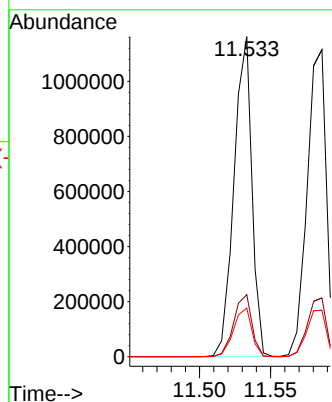
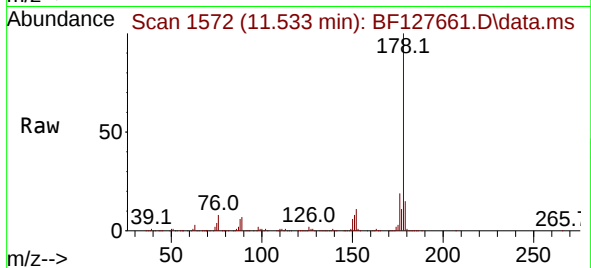
Tgt Ion:178 Resp: 1020550

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.2 12.4 18.6



#72

Anthracene

Concen: 50.496 ng

RT: 11.586 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

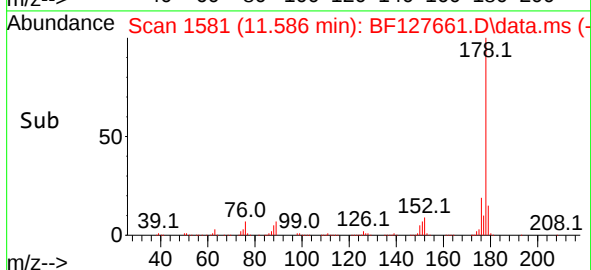
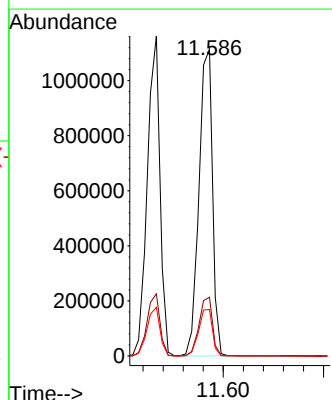
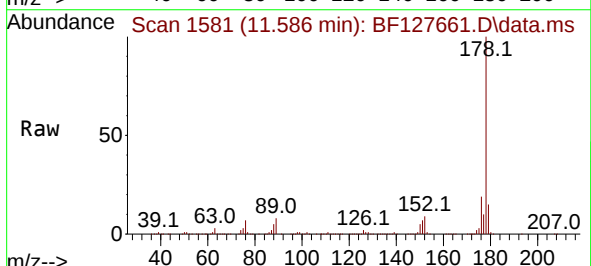
Tgt Ion:178 Resp: 1046802

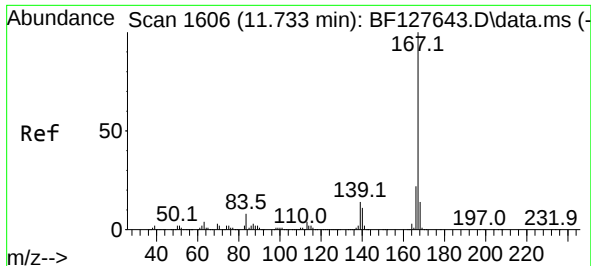
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.1 12.4 18.6

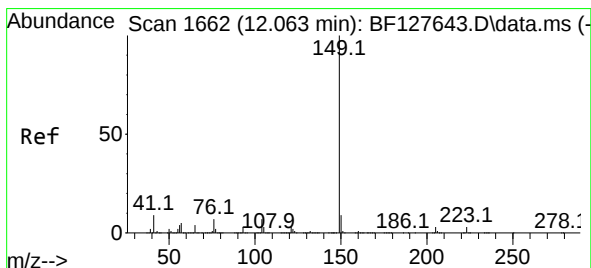
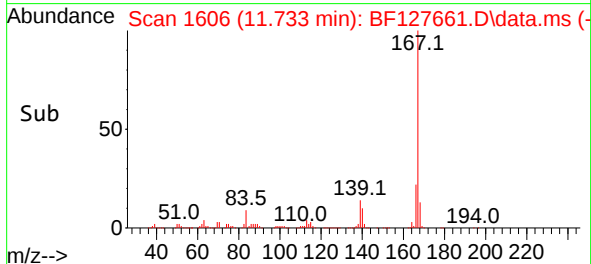
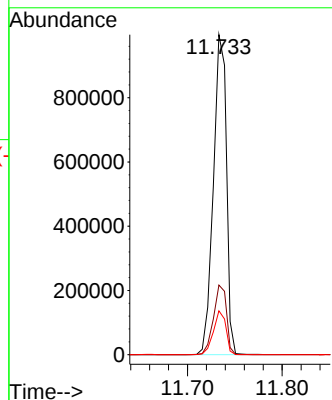
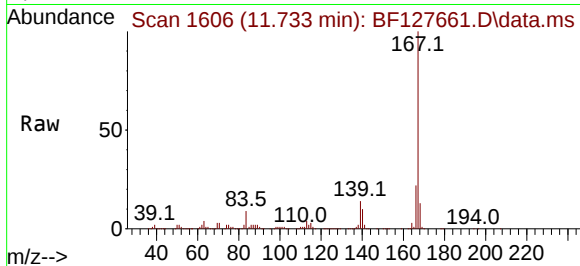




#73  
 Carbazole  
 Concen: 49.073 ng  
 RT: 11.733 min Scan# 1606  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

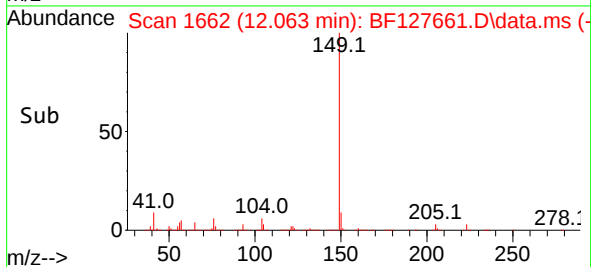
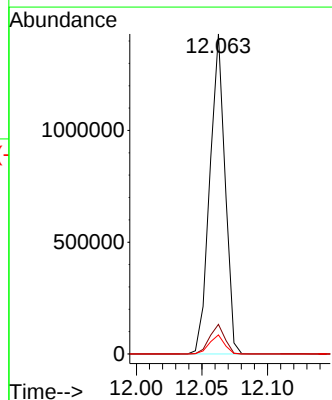
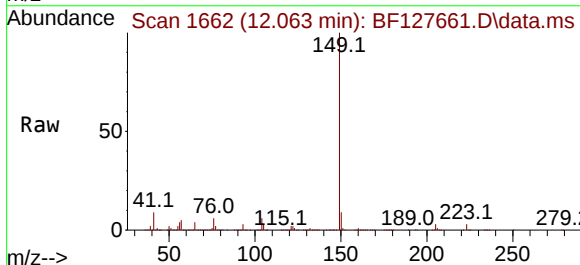
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-4-1MSD

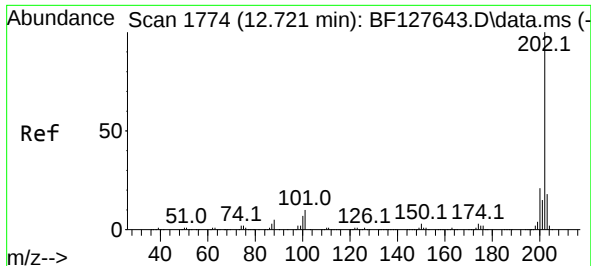
Tgt Ion:167 Resp: 953233  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.0 25.4  
 139 13.7 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 49.937 ng  
 RT: 12.063 min Scan# 1662  
 Delta R.T. -0.000 min  
 Lab File: BF127661.D  
 Acq: 06 Apr 2022 21:35

Tgt Ion:149 Resp: 1159575  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 6.0 4.2 6.2

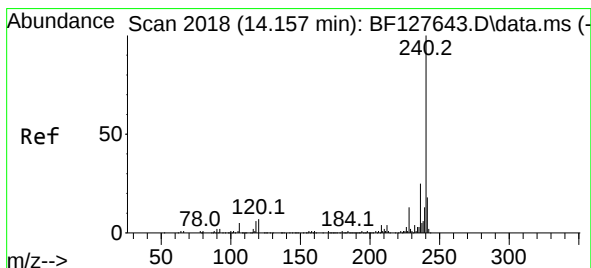
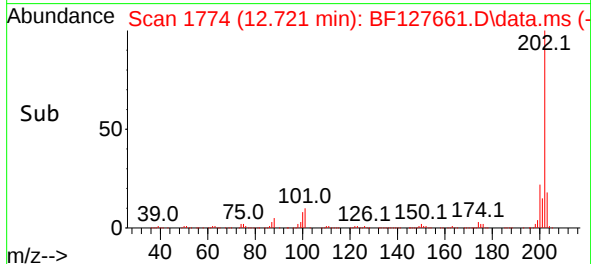
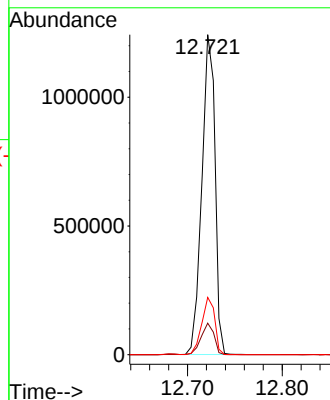
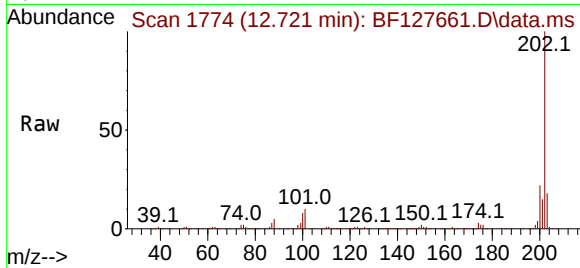




#75  
Fluoranthene  
Concen: 52.655 ng  
RT: 12.721 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

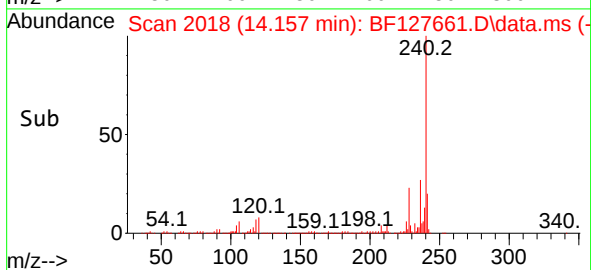
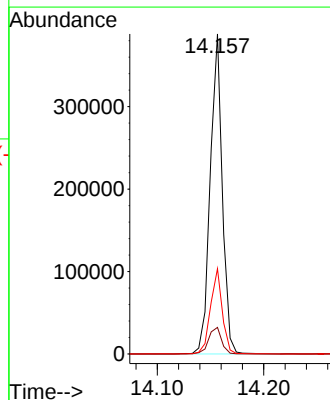
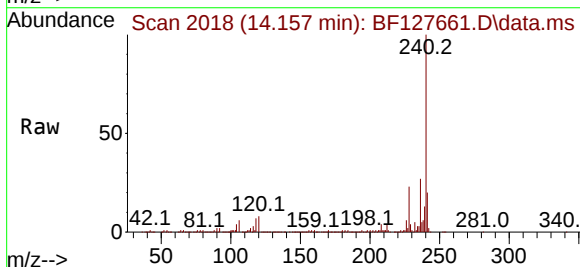
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

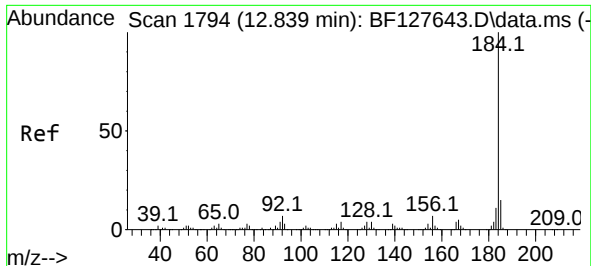
Tgt Ion:202 Resp: 1204171  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 29.0  
203 17.9 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.157 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:240 Resp: 305895  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.1 10.7  
236 26.7 20.7 31.1

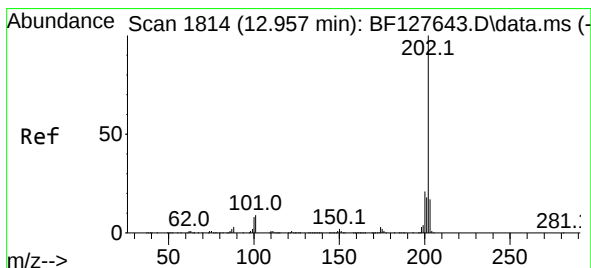
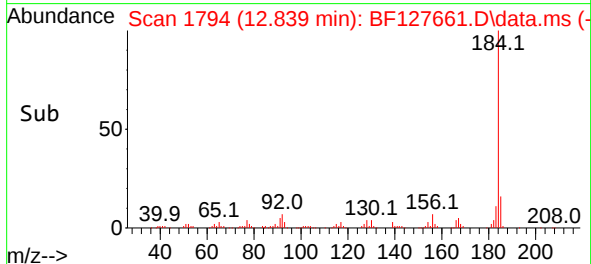
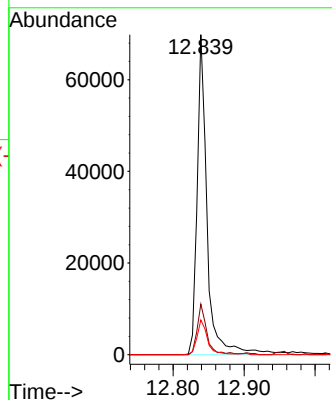
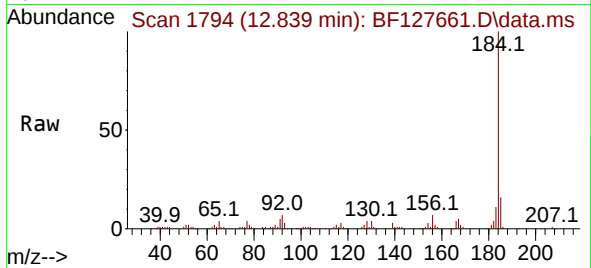




#77  
Benzidine  
Concen: 8.552 ng  
RT: 12.839 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

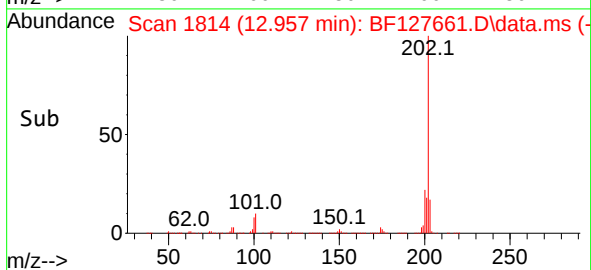
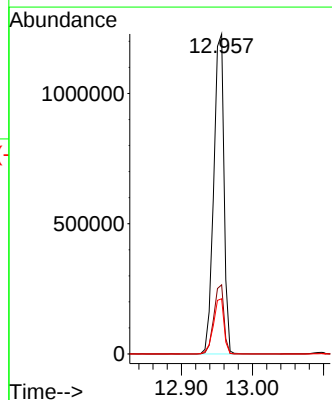
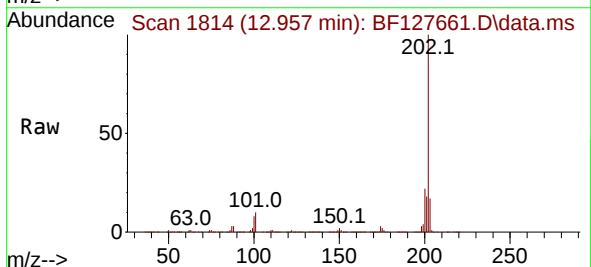
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

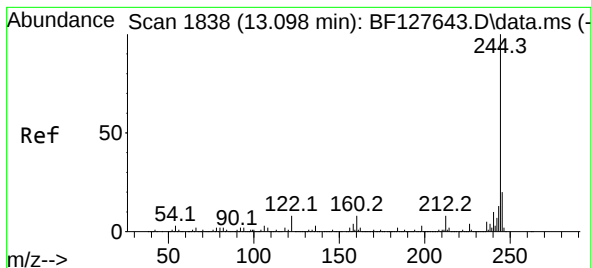
Tgt Ion:184 Resp: 68279  
Ion Ratio Lower Upper  
184 100  
185 15.8 12.2 18.2  
183 10.8 9.4 14.0



#78  
Pyrene  
Concen: 47.775 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:202 Resp: 1234056  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 17.2 14.3 21.5





#79

Terphenyl-d14

Concen: 89.406 ng

RT: 13.098 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

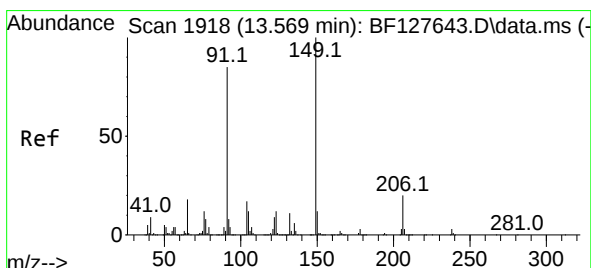
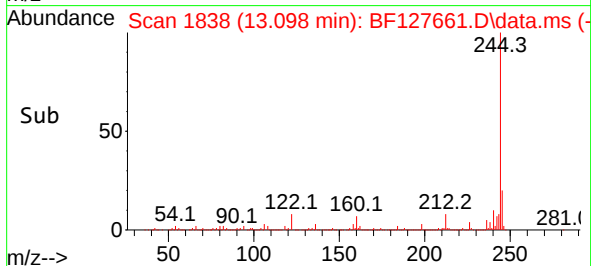
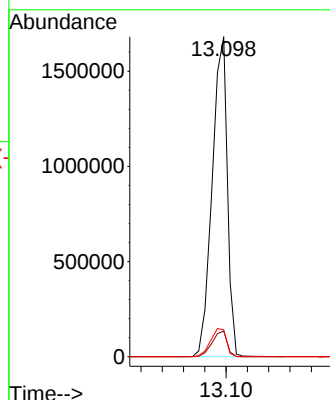
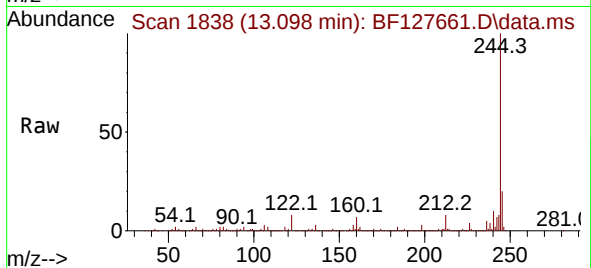
Tgt Ion:244 Resp: 1656910

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 8.3 6.2 9.2



#80

Butylbenzylphthalate

Concen: 49.789 ng

RT: 13.568 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

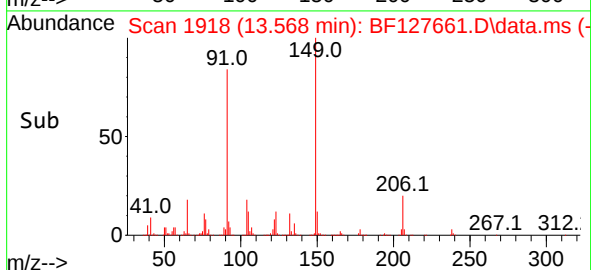
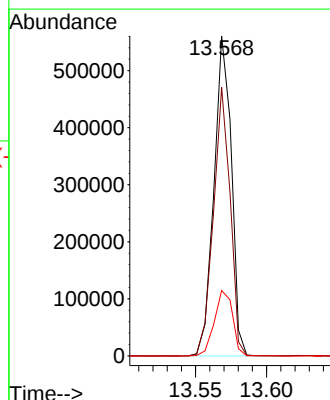
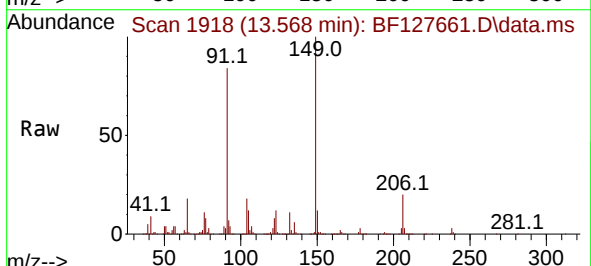
Tgt Ion:149 Resp: 478855

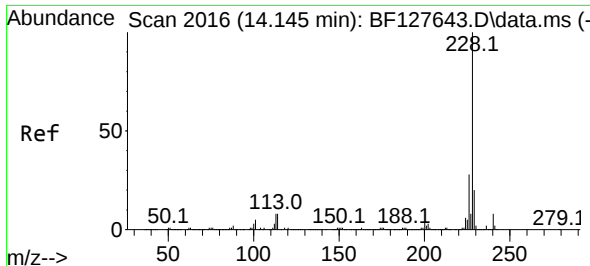
Ion Ratio Lower Upper

149 100

91 84.0 69.1 103.7

206 20.5 17.7 26.5

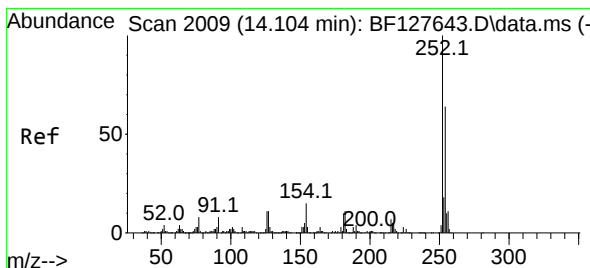
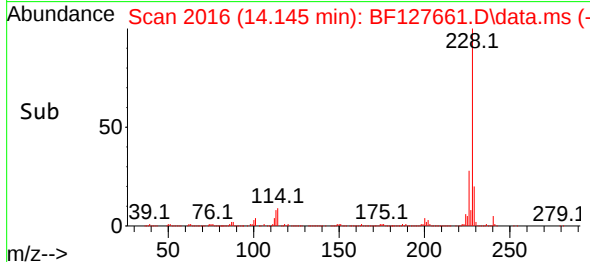
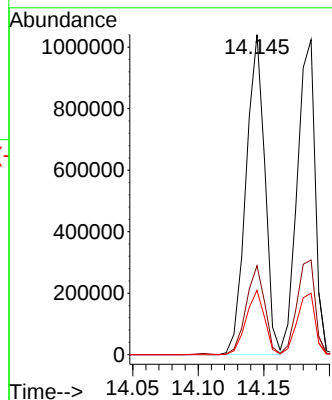
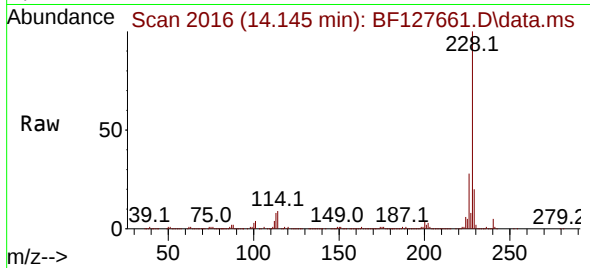




#81  
Benzo(a)anthracene  
Concen: 50.699 ng  
RT: 14.145 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

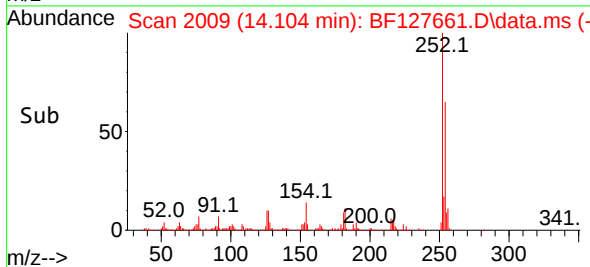
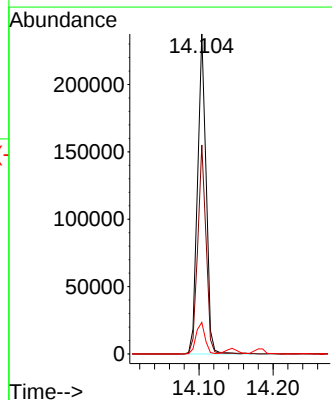
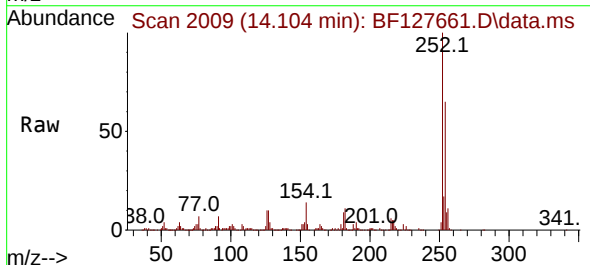
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

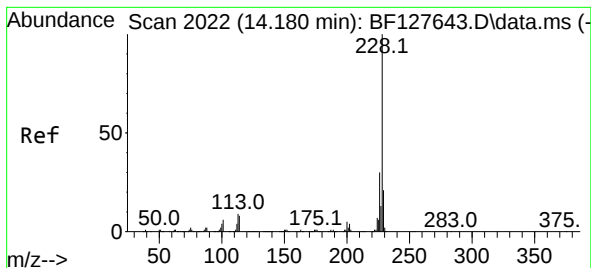
Tgt Ion:228 Resp: 1035808  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.6 32.4  
229 20.1 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 29.835 ng  
RT: 14.104 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:252 Resp: 190029  
Ion Ratio Lower Upper  
252 100  
254 65.3 50.2 75.4  
126 9.9 8.7 13.1





#83

Chrysene

Concen: 49.366 ng

RT: 14.186 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

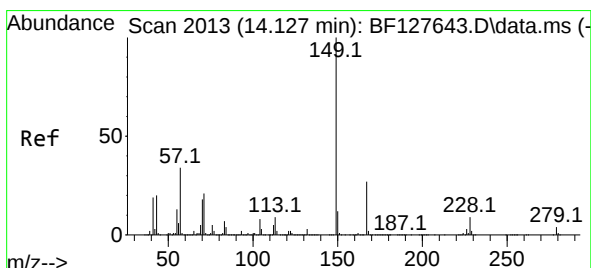
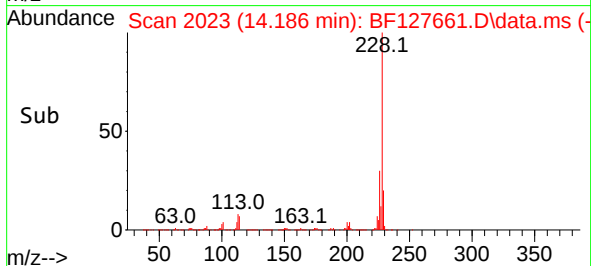
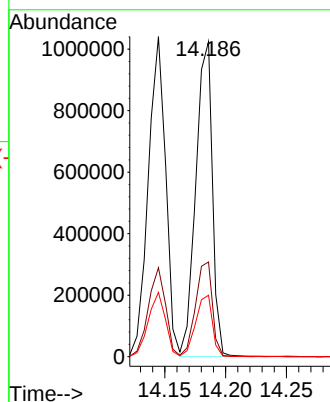
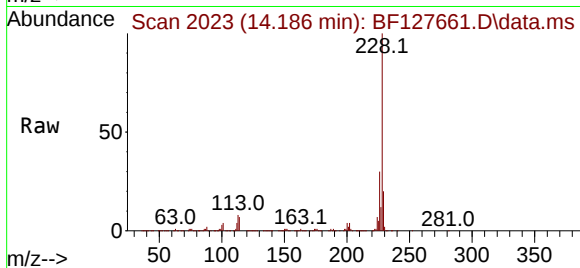
Tgt Ion:228 Resp: 968130

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.788 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

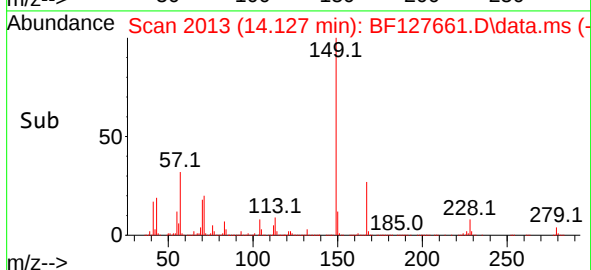
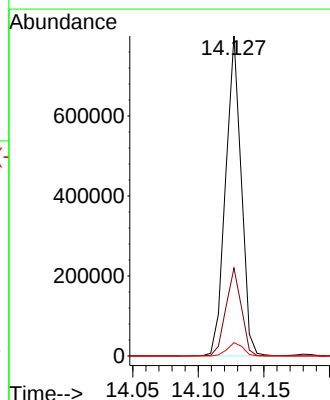
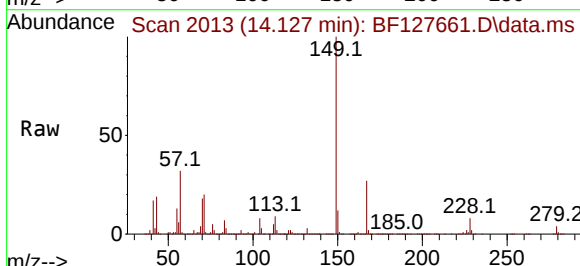
Tgt Ion:149 Resp: 661395

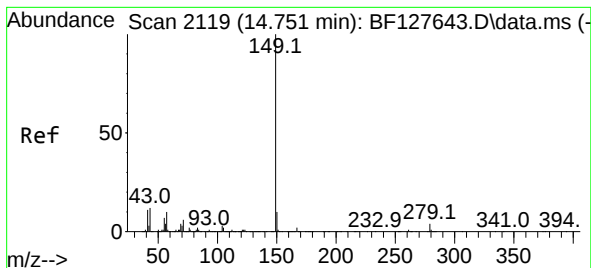
Ion Ratio Lower Upper

149 100

167 27.5 22.9 34.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.342 ng

RT: 14.751 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

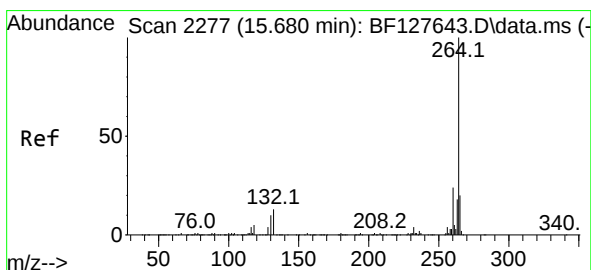
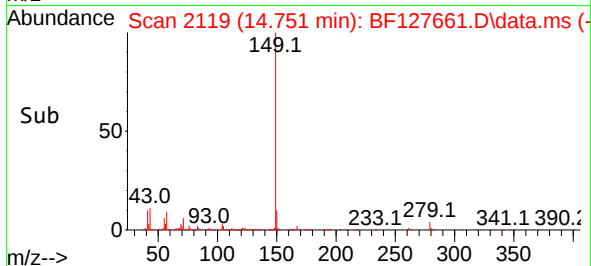
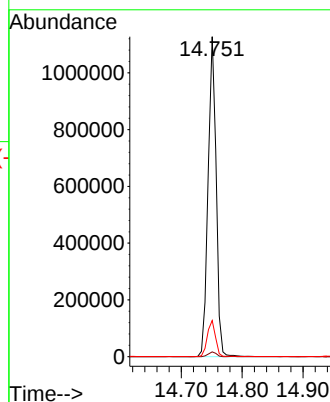
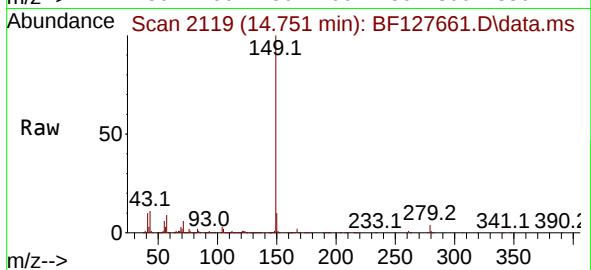
Tgt Ion:149 Resp: 1037532

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

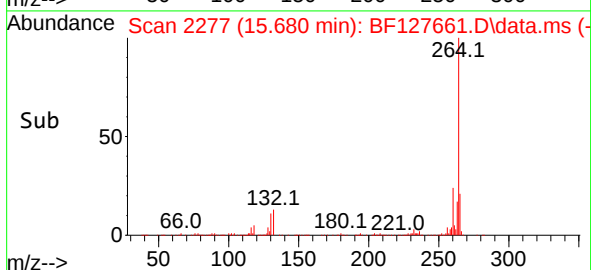
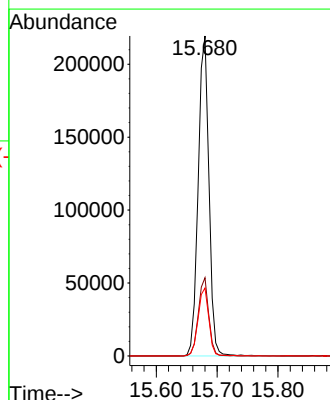
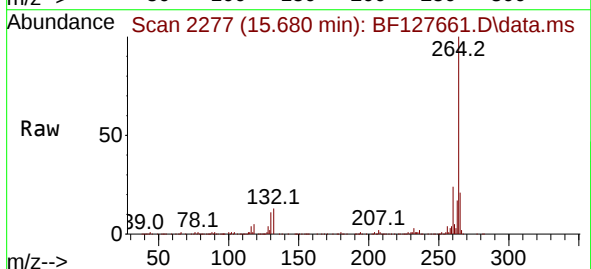
Tgt Ion:264 Resp: 268415

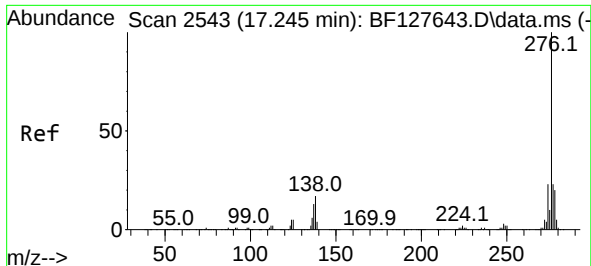
Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.700 ng

RT: 17.250 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-4-1MSD

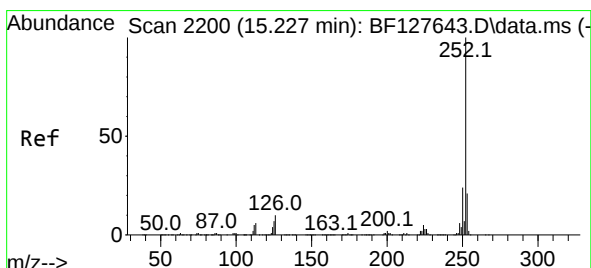
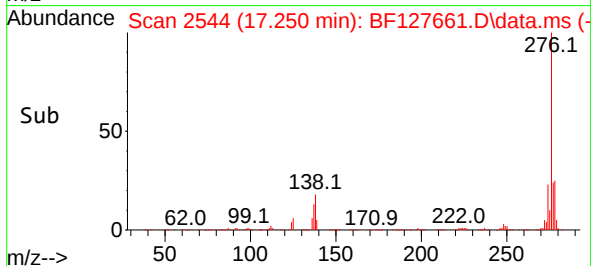
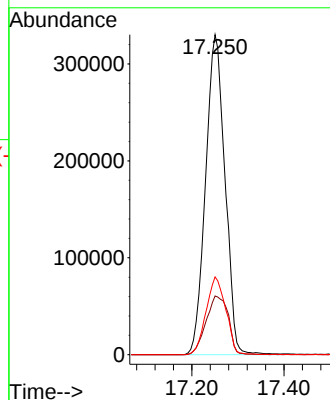
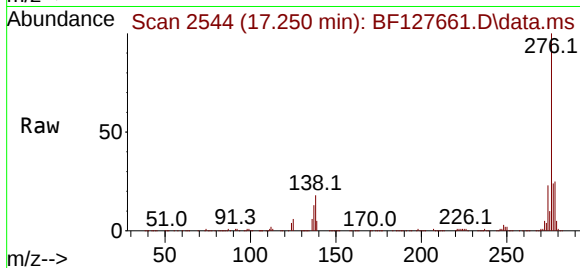
Tgt Ion:276 Resp: 967651

Ion Ratio Lower Upper

276 100

138 21.0 17.1 25.7

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.207 ng

RT: 15.227 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF127661.D

Acq: 06 Apr 2022 21:35

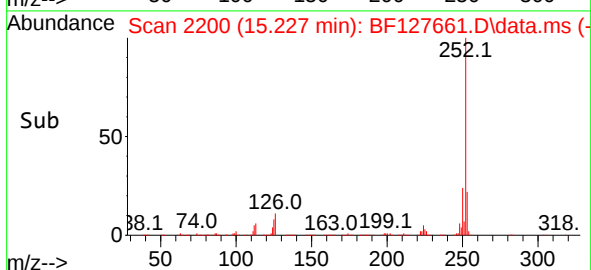
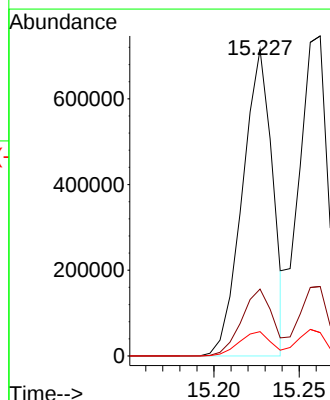
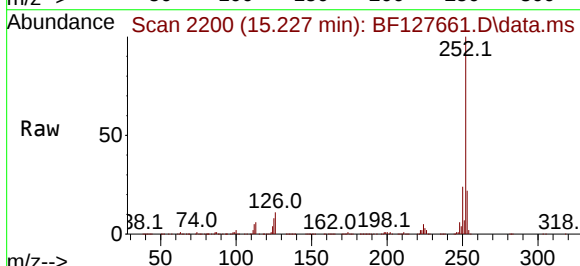
Tgt Ion:252 Resp: 884206

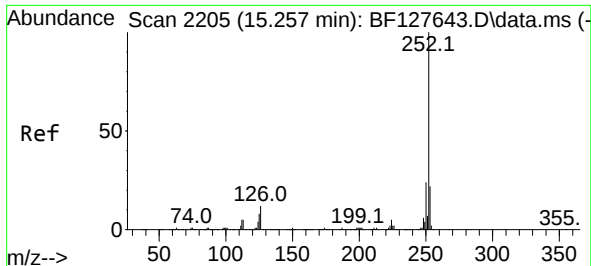
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.9 7.0 10.4

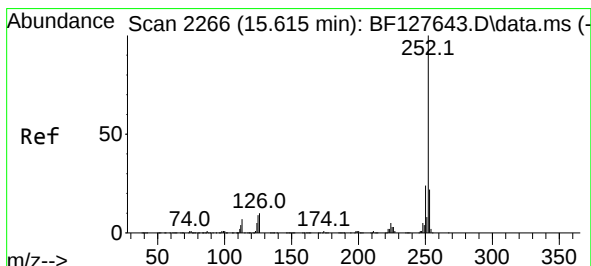
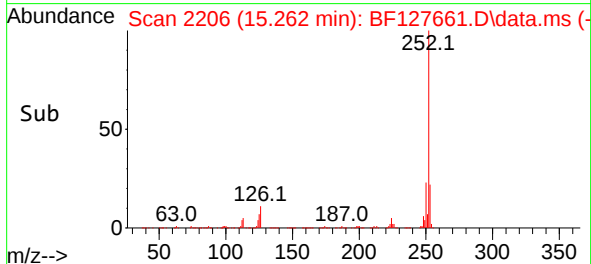
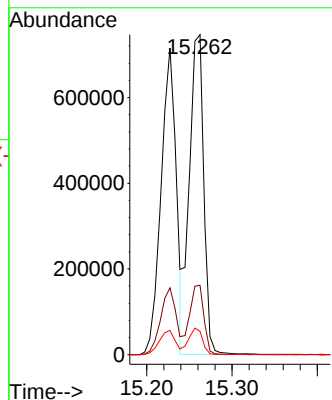
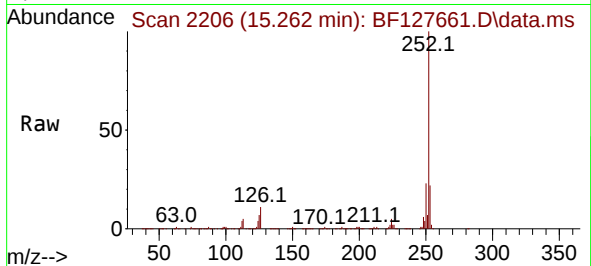




#89  
Benzo(k)fluoranthene  
Concen: 51.338 ng  
RT: 15.262 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

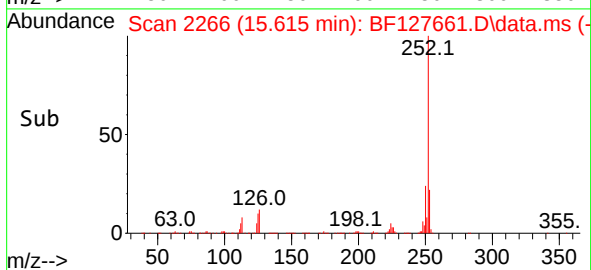
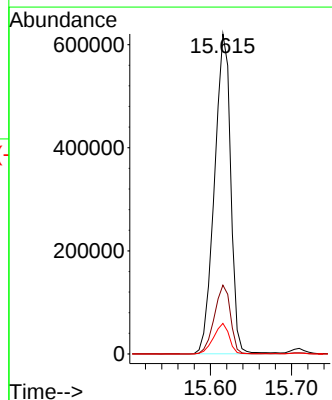
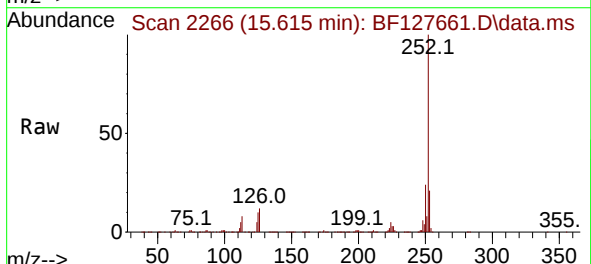
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

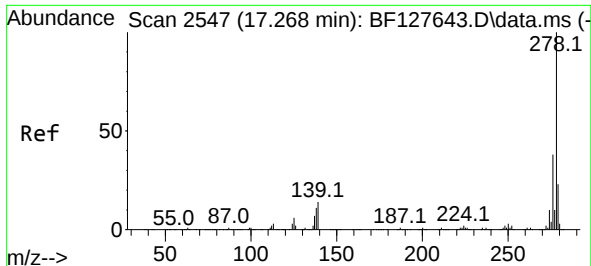
Tgt Ion:252 Resp: 879194  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 7.3 6.9 10.3



#90  
Benzo(a)pyrene  
Concen: 61.376 ng  
RT: 15.615 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:252 Resp: 861388  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.0 25.6  
125 9.6 6.7 10.1

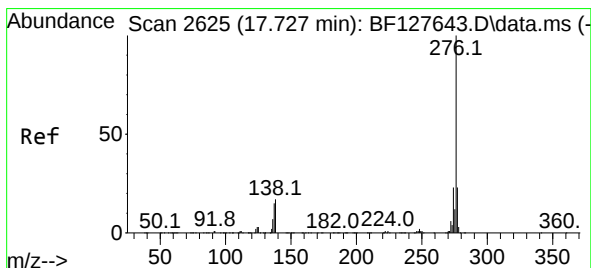
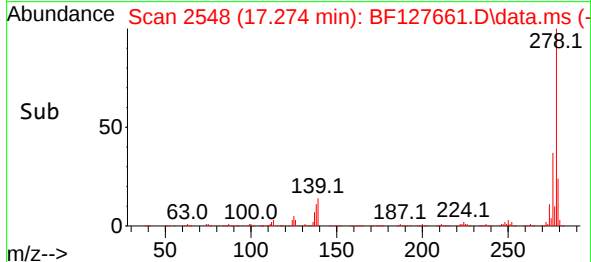
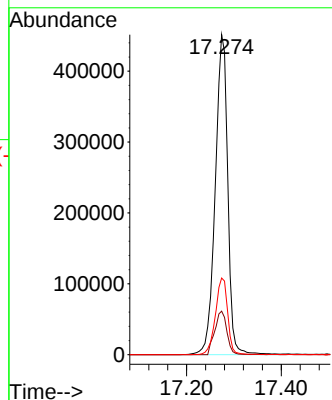
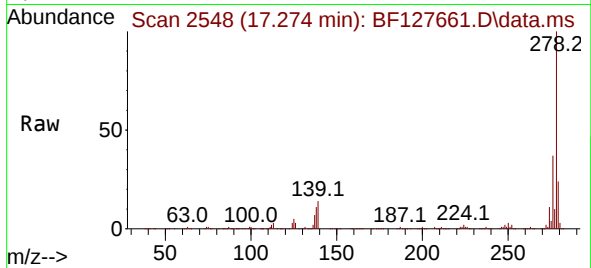




#91  
Dibenzo(a,h)anthracene  
Concen: 60.948 ng  
RT: 17.274 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-4-1MSD

Tgt Ion:278 Resp: 828155  
Ion Ratio Lower Upper  
278 100  
139 13.6 10.8 16.2  
279 23.9 17.7 26.5



#92  
Benzo(g,h,i)perylene  
Concen: 60.256 ng  
RT: 17.733 min Scan# 2626  
Delta R.T. 0.006 min  
Lab File: BF127661.D  
Acq: 06 Apr 2022 21:35

Tgt Ion:276 Resp: 839379  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.0 28.4  
138 17.1 14.6 22.0

