

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083122\  
 Data File : BF130057.D  
 Acq On : 31 Aug 2022 17:49  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF083122

Quant Time: Aug 31 18:18:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 266319   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.992  | 136  | 1007309  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.739  | 164  | 519505   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.222 | 188  | 851172   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.851 | 240  | 479528   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.251 | 264  | 419197   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.304  | 112  | 1210997  | 77.195 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.340  | 99   | 1517033  | 77.567 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.281  | 82   | 1316189  | 83.973 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.527 | 330  | 383384   | 81.072 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 2255313  | 71.976 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.810 | 244  | 2200074  | 79.562 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.375  | 88   | 277208   | 37.811 | ng    | 96       |
| 3) Pyridine                   | 3.075  | 79   | 763597   | 38.842 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.034  | 42   | 299611   | 38.753 | ng    | # 78     |
| 6) Aniline                    | 6.375  | 93   | 954218   | 38.916 | ng    | # 49     |
| 8) 2-Chlorophenol             | 6.492  | 128  | 671780   | 39.015 | ng    | 98       |
| 9) Benzaldehyde               | 6.257  | 77   | 444920   | 37.167 | ng    | 97       |
| 10) Phenol                    | 6.351  | 94   | 862563   | 39.018 | ng    | # 63     |
| 11) bis(2-Chloroethyl)ether   | 6.451  | 93   | 643433   | 38.307 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.645  | 146  | 733264   | 38.416 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.728  | 146  | 735102   | 38.233 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 6.881  | 146  | 666306   | 38.124 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.851  | 79   | 520114   | 39.455 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.992  | 45   | 880169   | 38.557 | ng    | # 51     |
| 17) 2-Methylphenol            | 6.963  | 107  | 564529   | 38.970 | ng    | # 85     |
| 18) Hexachloroethane          | 7.222  | 117  | 277948   | 40.033 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.134  | 70   | 453498   | 38.489 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.122  | 107  | 644577   | 37.943 | ng    | # 71     |
| 22) Acetophenone              | 7.122  | 105  | 840921   | 37.367 | ng    | # 92     |
| 24) Nitrobenzene              | 7.298  | 77   | 684002   | 41.033 | ng    | 94       |
| 25) Isophorone                | 7.539  | 82   | 1225758  | 38.638 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.610  | 139  | 329843   | 42.551 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.645  | 122  | 523506   | 39.327 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.751  | 93   | 729736   | 38.293 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.845  | 162  | 563525   | 39.577 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 7.934  | 180  | 570308   | 37.987 | ng    | 99       |
| 31) Naphthalene               | 8.010  | 128  | 1903696  | 37.471 | ng    | 99       |
| 32) Benzoic acid              | 7.781  | 122  | 444399   | 41.861 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.063  | 127  | 782304   | 38.114 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.128  | 225  | 330150   | 38.397 | ng    | 99       |
| 35) Caprolactam               | 8.451  | 113  | 175748   | 39.831 | ng    | 86       |
| 36) 4-Chloro-3-methylphenol   | 8.545  | 107  | 562943   | 39.071 | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.704  | 142  | 1237426  | 37.812 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.798  | 142  | 1198565  | 37.679 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.863  | 216  | 511852   | 37.784 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 280381   | 39.604 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 8.975  | 196  | 387751   | 40.100 | ng    | 97       |

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Quant Time: Aug 31 18:18:58 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.010  | 196  | 412813   | 39.388 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 1396295  | 36.996 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.192  | 162  | 1139236  | 37.672 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.286  | 65   | 335757   | 45.056 | ng    | 93       |
| 49) Acenaphthylene            | 9.604  | 152  | 1736295  | 37.810 | ng    | 100      |
| 50) Dimethylphthalate         | 9.475  | 163  | 1342000  | 37.926 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.533  | 165  | 293061   | 42.479 | ng    | 92       |
| 52) Acenaphthene              | 9.775  | 154  | 1044509  | 36.091 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.704  | 138  | 341824   | 43.168 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.798  | 184  | 115468   | 41.229 | ng    | 93       |
| 55) Dibenzofuran              | 9.945  | 168  | 1577135  | 38.057 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.851  | 139  | 260257   | 42.631 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 359681   | 45.284 | ng    | # 84     |
| 58) Fluorene                  | 10.286 | 166  | 1148259  | 36.416 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.063 | 232  | 318741   | 39.156 | ng    | # 79     |
| 60) Diethylphthalate          | 10.169 | 149  | 1339557  | 39.132 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.280 | 204  | 511350   | 36.685 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.316 | 138  | 324260   | 42.105 | ng    | 95       |
| 63) Azobenzene                | 10.445 | 77   | 1266995  | 37.591 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.339 | 198  | 163263   | 41.662 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.404 | 169  | 1080435  | 37.971 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.769 | 248  | 363067   | 38.348 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.827 | 284  | 396333   | 38.419 | ng    | 96       |
| 69) Atrazine                  | 10.933 | 200  | 318603   | 39.579 | ng    | 98       |
| 70) Pentachlorophenol         | 11.022 | 266  | 239847   | 41.577 | ng    | 95       |
| 71) Phenanthrene              | 11.245 | 178  | 1707995  | 37.001 | ng    | 99       |
| 72) Anthracene                | 11.298 | 178  | 1680469  | 37.033 | ng    | 99       |
| 73) Carbazole                 | 11.451 | 167  | 1582489  | 37.818 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.792 | 149  | 1988977  | 39.418 | ng    | 99       |
| 75) Fluoranthene              | 12.427 | 202  | 1697892  | 37.093 | ng    | 95       |
| 77) Benzidine                 | 12.557 | 184  | 532856   | 41.157 | ng    | 98       |
| 78) Pyrene                    | 12.657 | 202  | 1704997  | 39.641 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.286 | 149  | 758752   | 44.351 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.839 | 228  | 1255734  | 38.212 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 410877   | 40.093 | ng    | 99       |
| 83) Chrysene                  | 13.880 | 228  | 1253682  | 38.695 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 888627   | 41.788 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.457 | 149  | 1473738  | 43.874 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.604 | 276  | 1136621  | 41.104 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 14.857 | 252  | 1085547  | 38.832 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.886 | 252  | 1029098  | 38.063 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.192 | 252  | 872751   | 39.290 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 16.621 | 278  | 930970   | 41.145 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.015 | 276  | 941061   | 41.569 | ng    | # 94     |

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

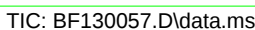
**Instrument :**

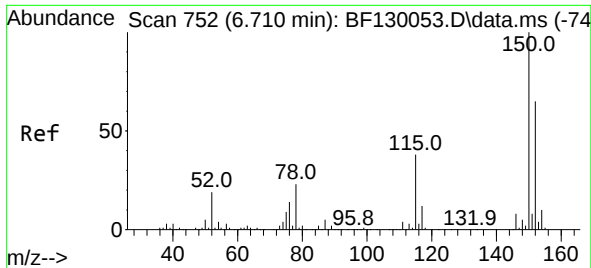
BNA F

**ClientSampleId :**

ICVBF083122

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QLast Update : Wed Aug 31 18:15:32 2022  
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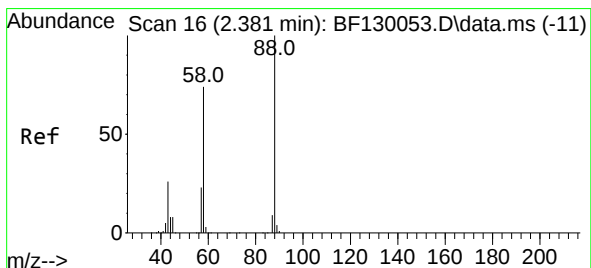
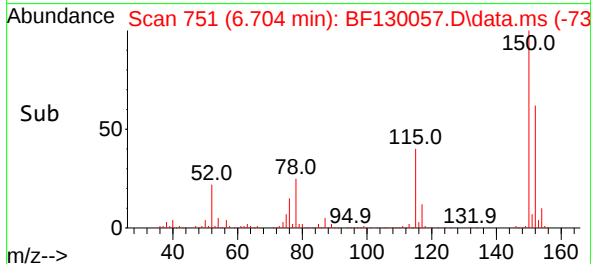
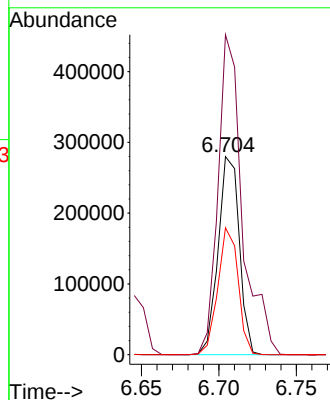
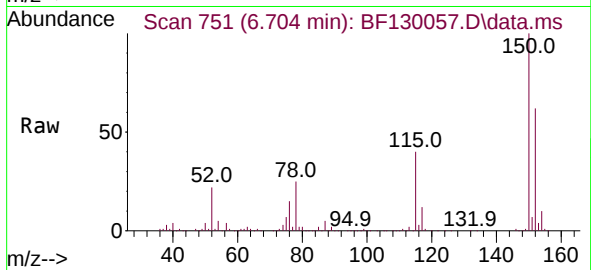




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.704 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

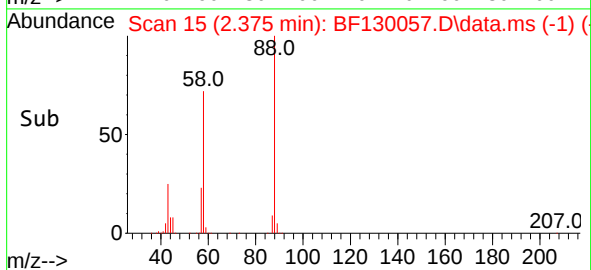
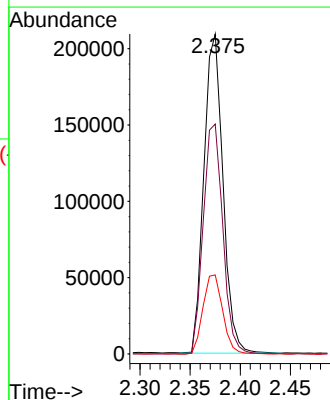
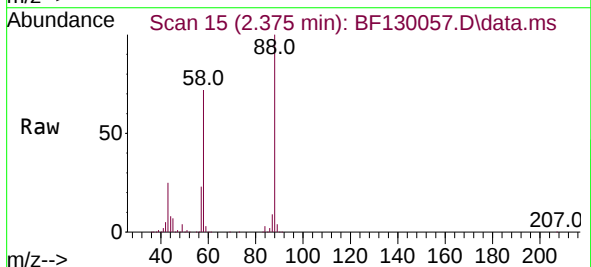
Instrument :  
BNA\_F  
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ICVBF083122

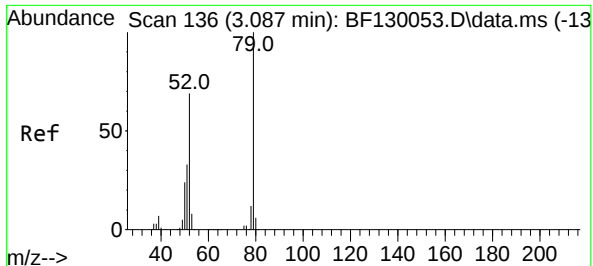
Tgt Ion:152 Resp: 266319  
Ion Ratio Lower Upper  
152 100  
150 161.5 126.9 190.3  
115 64.1 53.4 80.0



#2  
1,4-Dioxane  
Concen: 37.811 ng  
RT: 2.375 min Scan# 15  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 88 Resp: 277208  
Ion Ratio Lower Upper  
88 100  
58 74.1 60.9 91.3  
43 25.7 23.6 35.4

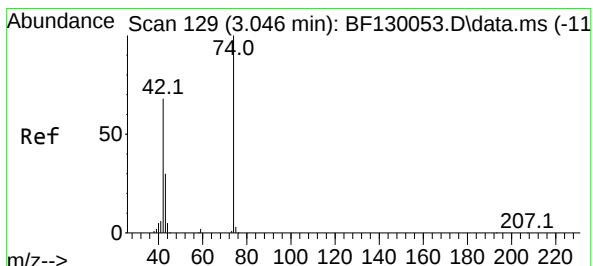
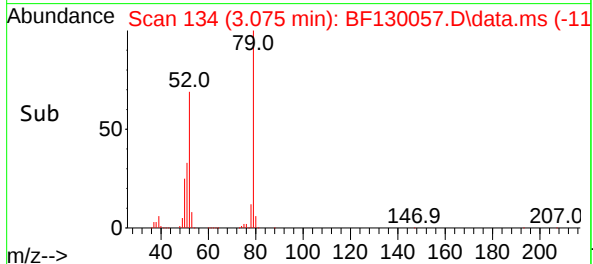
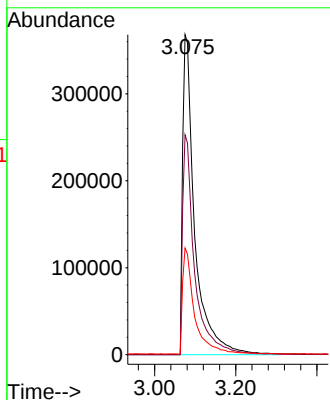
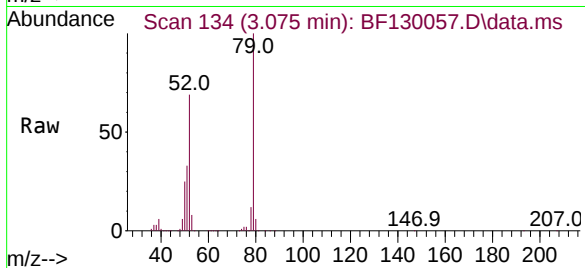




#3  
Pyridine  
Concen: 38.842 ng  
RT: 3.075 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

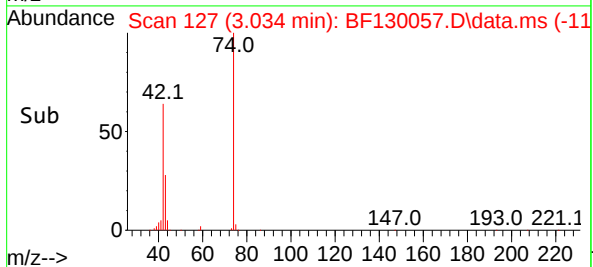
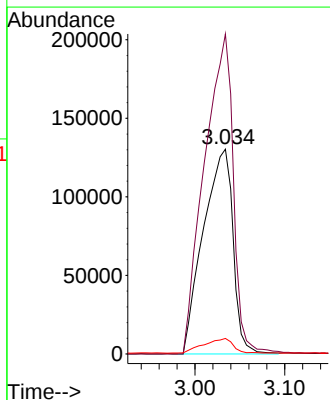
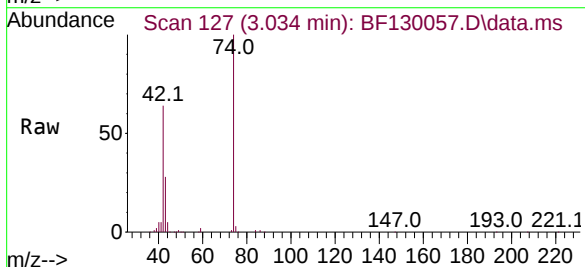
Instrument :  
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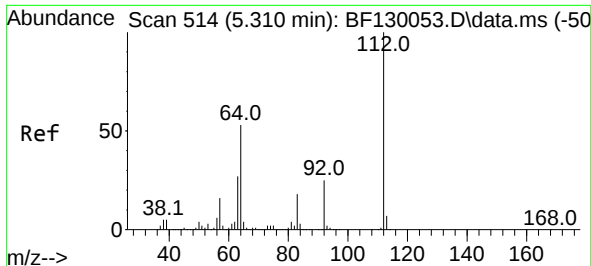
Tgt Ion: 79 Resp: 763597  
Ion Ratio Lower Upper  
79 100  
52 68.7 59.4 89.2  
51 33.4 29.5 44.3



#4  
n-Nitrosodimethylamine  
Concen: 38.753 ng  
RT: 3.034 min Scan# 127  
Delta R.T. -0.012 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 42 Resp: 299611  
Ion Ratio Lower Upper  
42 100  
74 156.2 103.1 154.7#  
44 7.6 5.4 8.2

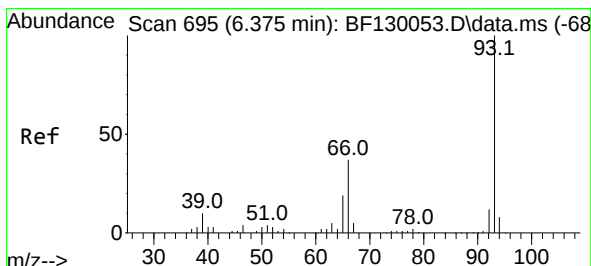
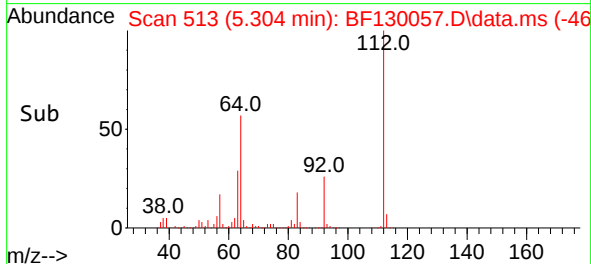
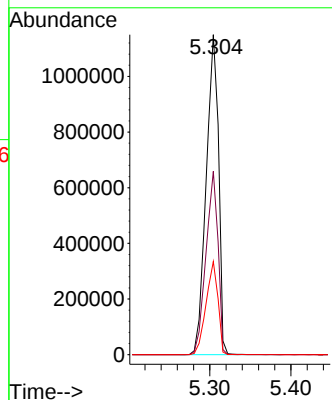
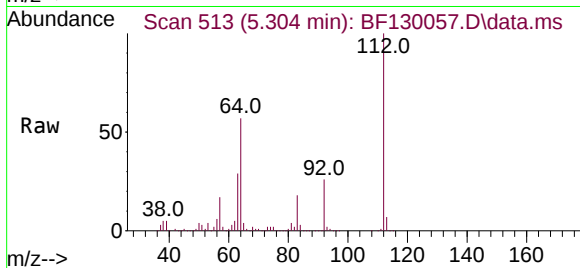




#5  
2-Fluorophenol  
Concen: 77.195 ng  
RT: 5.304 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

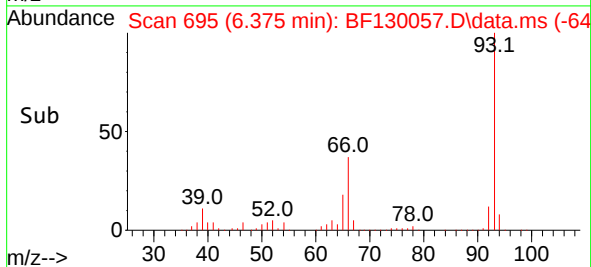
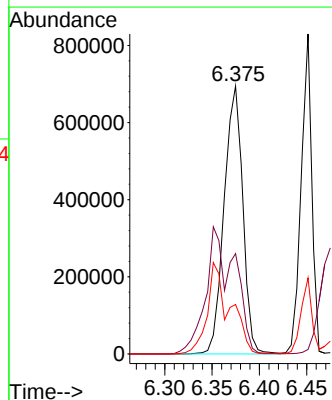
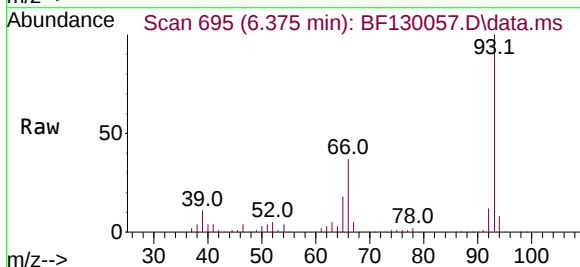
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Tgt Ion:112 Resp: 1210997  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.6 71.4  
63 29.1 24.6 37.0



#6  
Aniline  
Concen: 38.916 ng  
RT: 6.375 min Scan# 695  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 93 Resp: 954218  
Ion Ratio Lower Upper  
93 100  
66 37.4 68.7 103.1#  
65 18.5 41.6 62.4#

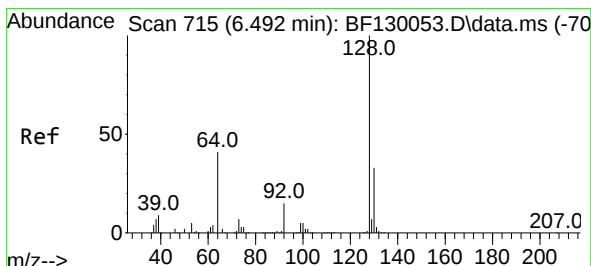
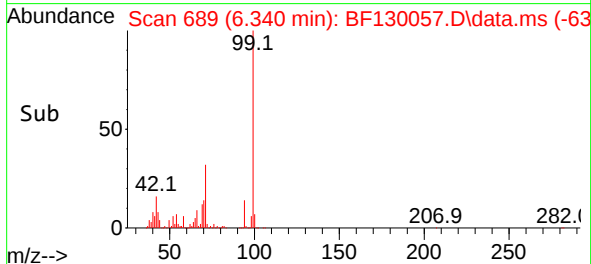
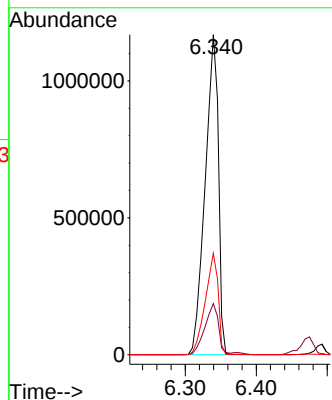
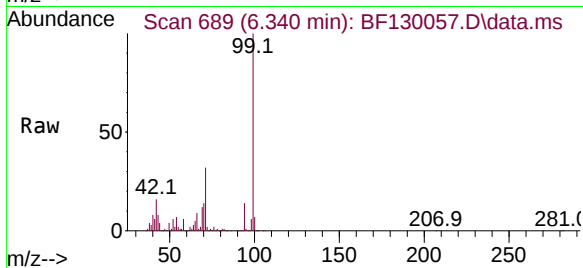




#7  
Phenol-d6  
Concen: 77.567 ng  
RT: 6.340 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

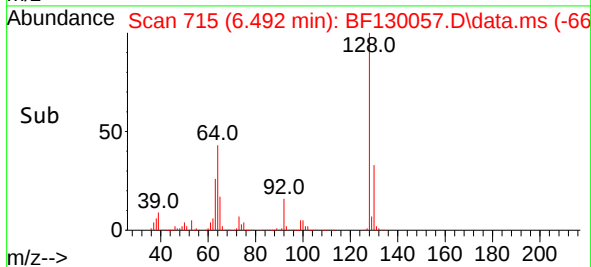
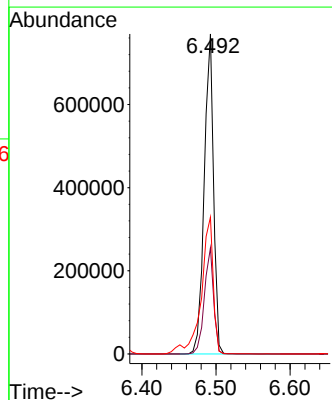
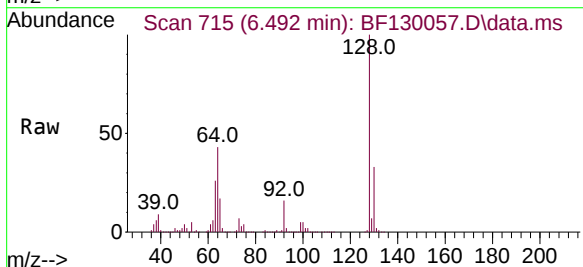
Instrument :  
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ClientSampleId :  
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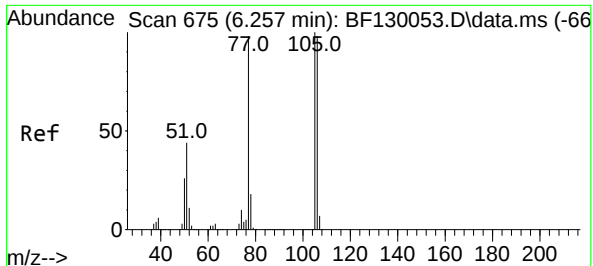
Tgt Ion: 99 Resp: 1517033  
Ion Ratio Lower Upper  
99 100  
42 15.9 15.0 22.4  
71 31.7 28.8 43.2



#8  
2-Chlorophenol  
Concen: 39.015 ng  
RT: 6.492 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 128 Resp: 671780  
Ion Ratio Lower Upper  
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130 33.2 12.5 52.5  
64 42.8 24.9 64.9

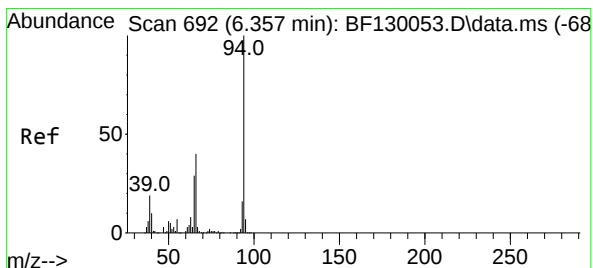
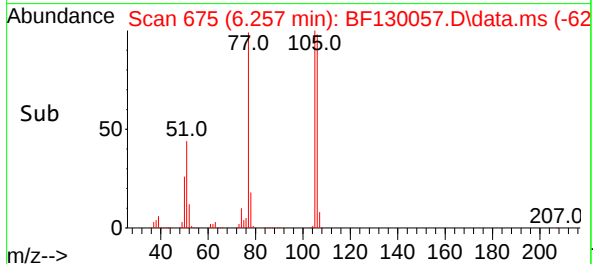
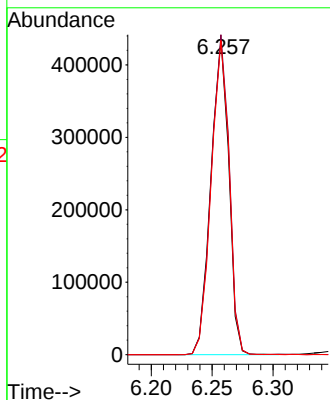
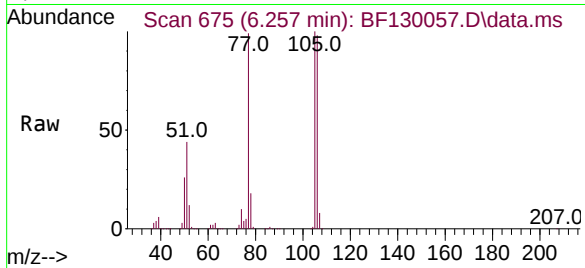




#9  
Benzaldehyde  
Concen: 37.167 ng  
RT: 6.257 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

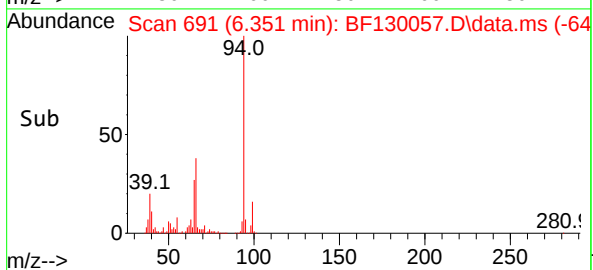
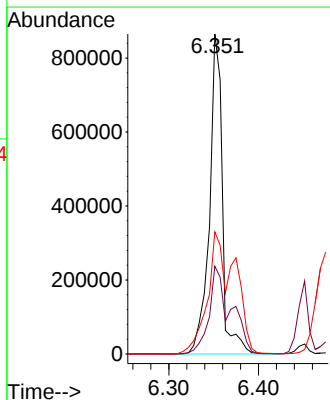
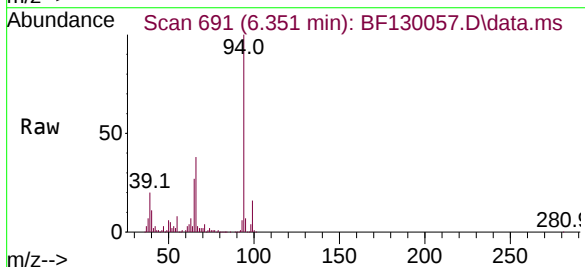
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

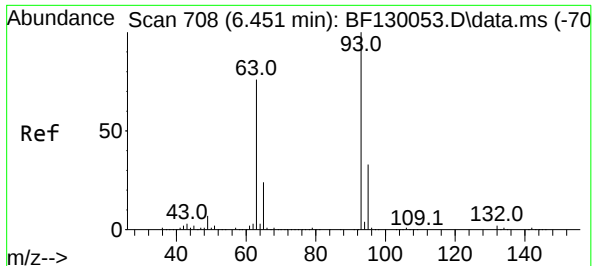
Tgt Ion: 77 Resp: 444920  
Ion Ratio Lower Upper  
77 100  
105 101.3 80.3 120.3  
106 99.4 74.3 114.3



#10  
Phenol  
Concen: 39.018 ng  
RT: 6.351 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 94 Resp: 862563  
Ion Ratio Lower Upper  
94 100  
65 27.4 24.9 64.9  
66 38.1 54.2 94.2#

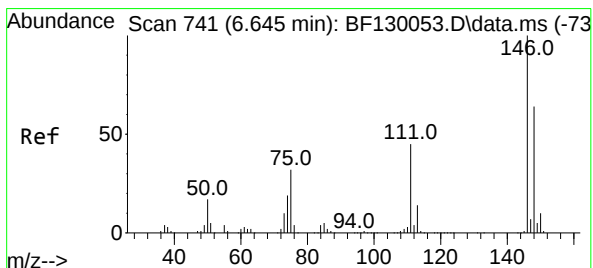
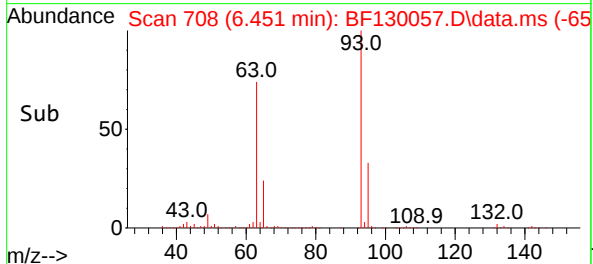
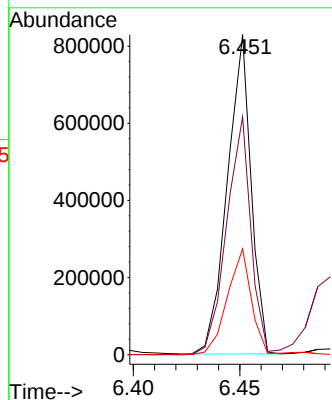
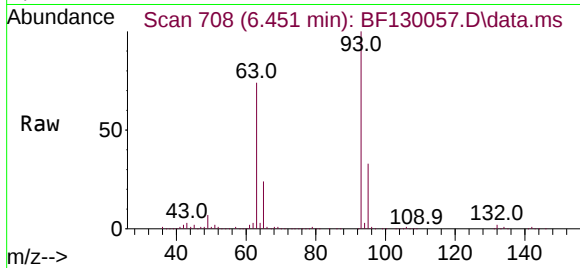




#11  
bis(2-Chloroethyl)ether  
Concen: 38.307 ng  
RT: 6.451 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

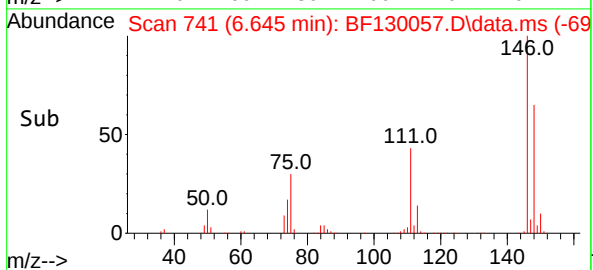
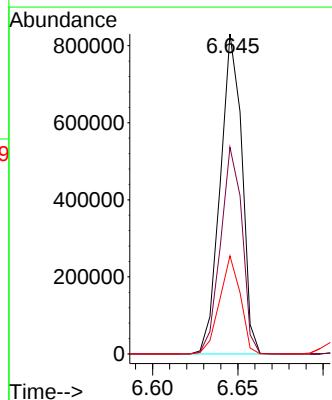
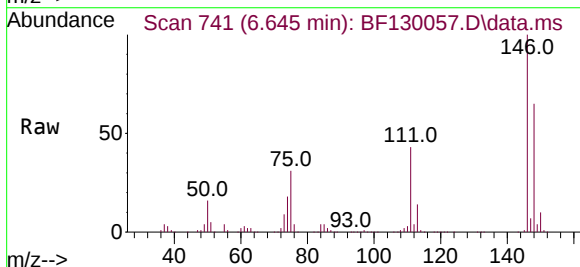
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

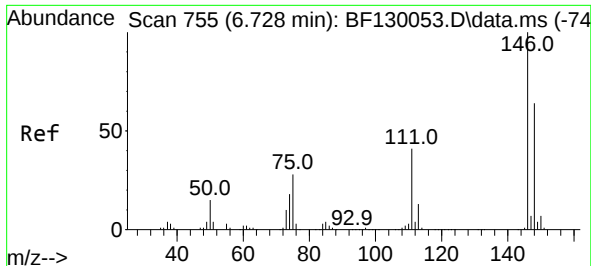
Tgt Ion: 93 Resp: 643433  
Ion Ratio Lower Upper  
93 100  
63 74.4 55.9 95.9  
95 33.1 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 38.416 ng  
RT: 6.645 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 146 Resp: 733264  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.2 76.8  
75 30.6 26.5 39.7

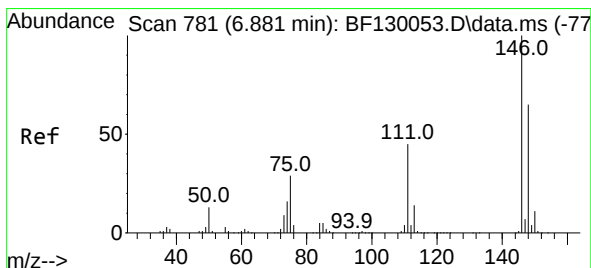
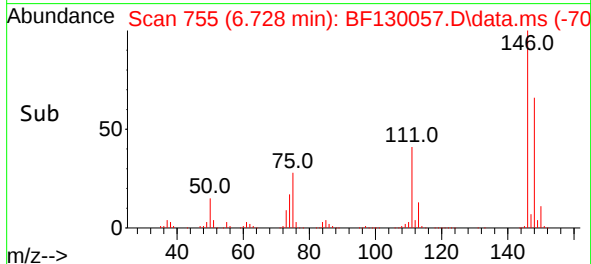
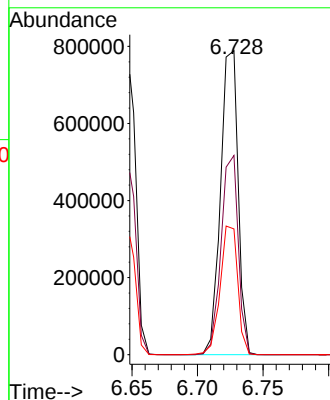
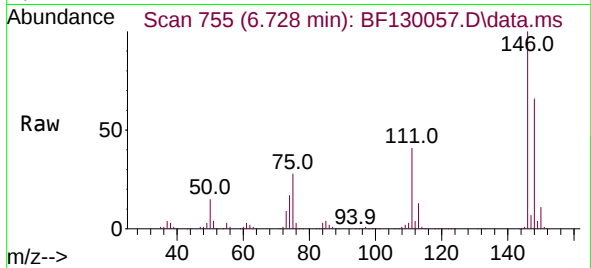




#13  
1,4-Dichlorobenzene  
Concen: 38.233 ng  
RT: 6.728 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

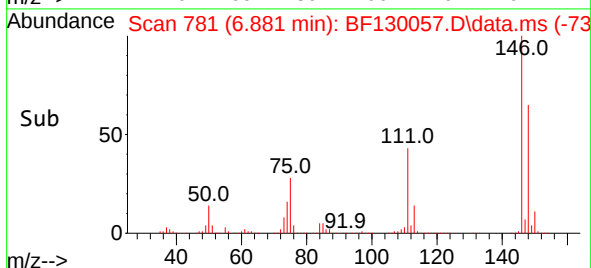
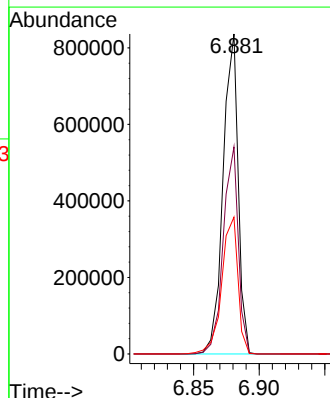
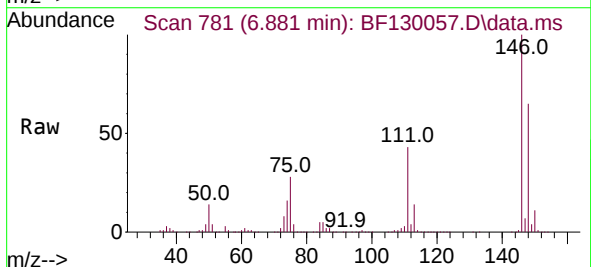
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

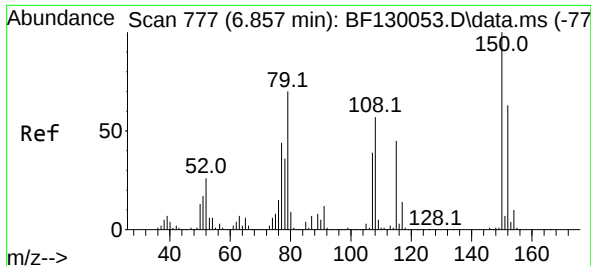
Tgt Ion:146 Resp: 735102  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.6 75.8  
111 41.4 36.2 54.4



#14  
1,2-Dichlorobenzene  
Concen: 38.124 ng  
RT: 6.881 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:146 Resp: 666306  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.6  
111 42.7 37.2 55.8

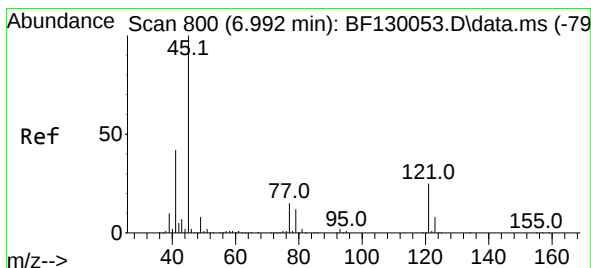
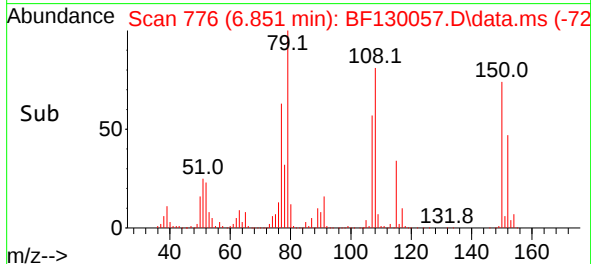
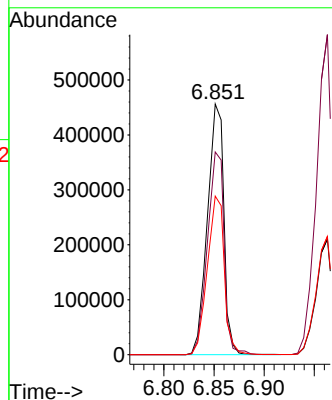
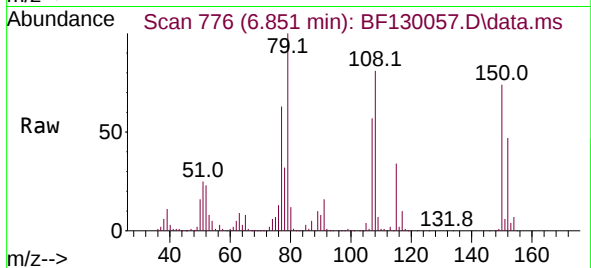




#15  
Benzyl Alcohol  
Concen: 39.455 ng  
RT: 6.851 min Scan# 777  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

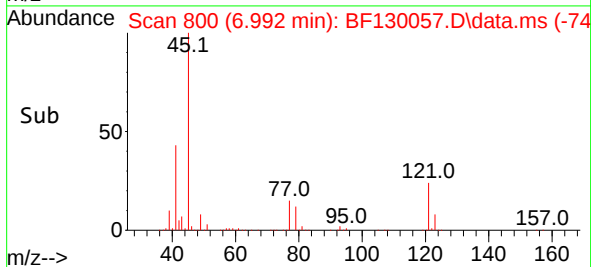
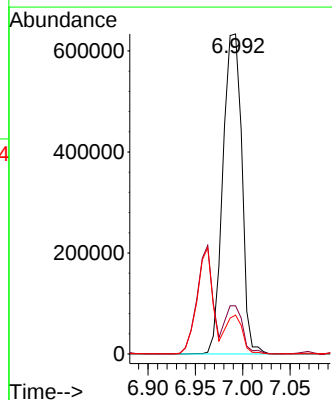
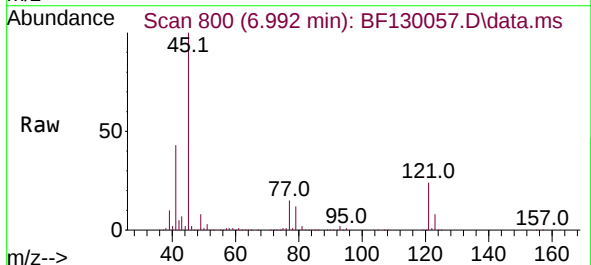
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

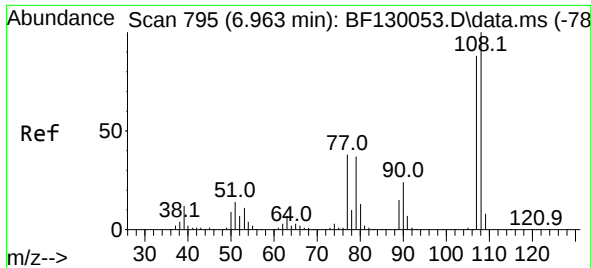
Tgt Ion: 79 Resp: 520114  
Ion Ratio Lower Upper  
79 100  
108 80.9 59.2 88.8  
77 63.3 51.9 77.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.557 ng  
RT: 6.992 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 45 Resp: 880169  
Ion Ratio Lower Upper  
45 100  
77 15.1 27.4 67.4#  
79 12.1 24.4 64.4#

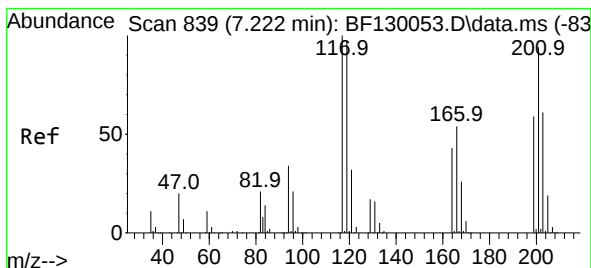
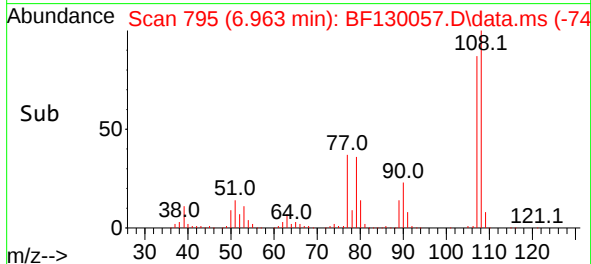
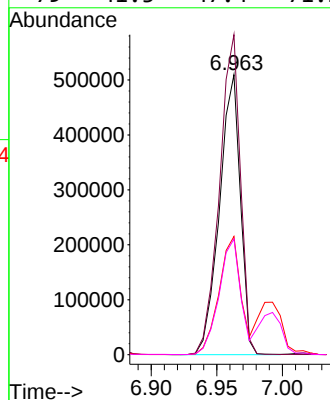
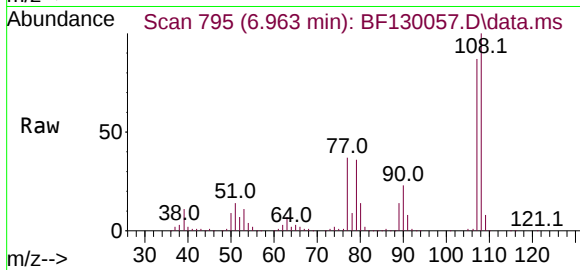




#17  
2-Methylphenol  
Concen: 38.970 ng  
RT: 6.963 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

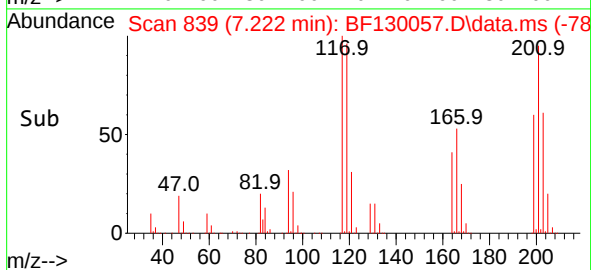
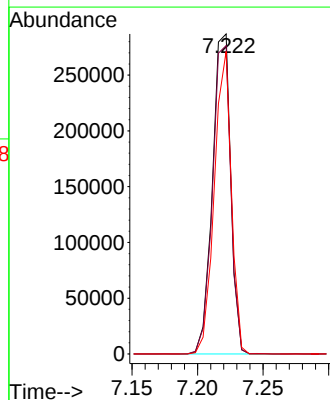
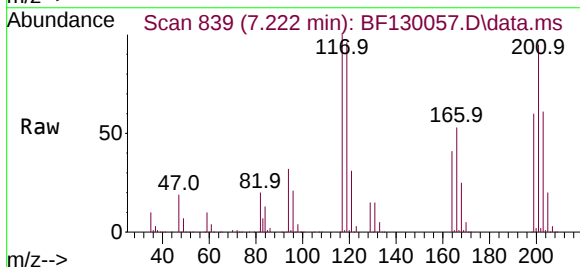
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

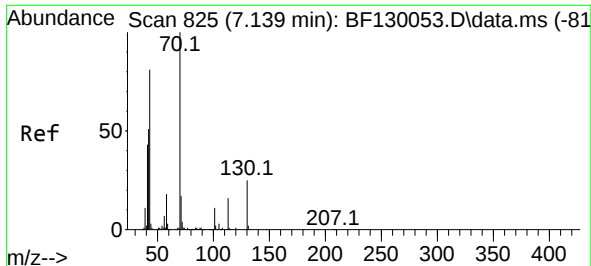
Tgt Ion:107 Resp: 564529  
Ion Ratio Lower Upper  
107 100  
108 114.3 90.2 135.2  
77 42.2 51.8 77.8#  
79 41.3 47.4 71.2#



#18  
Hexachloroethane  
Concen: 40.033 ng  
RT: 7.222 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:117 Resp: 277948  
Ion Ratio Lower Upper  
117 100  
119 96.3 79.1 118.7  
201 94.6 66.6 100.0

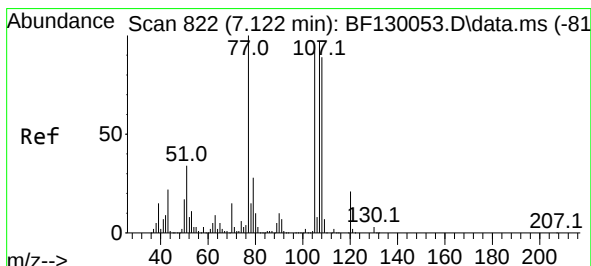
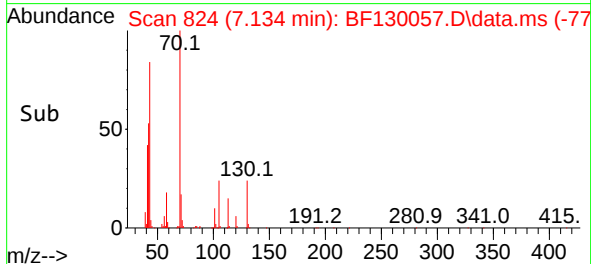
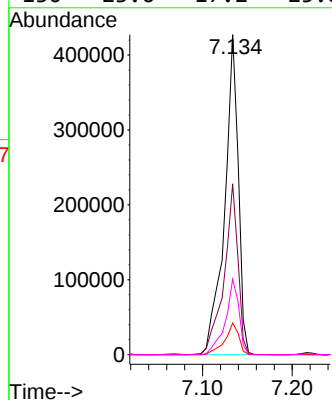
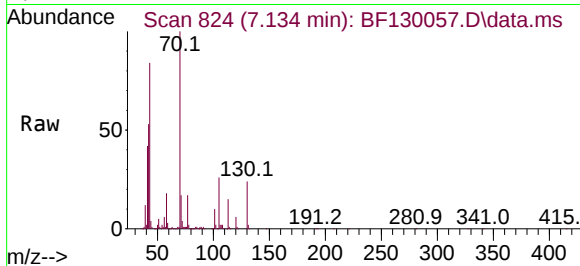




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.489 ng  
RT: 7.134 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

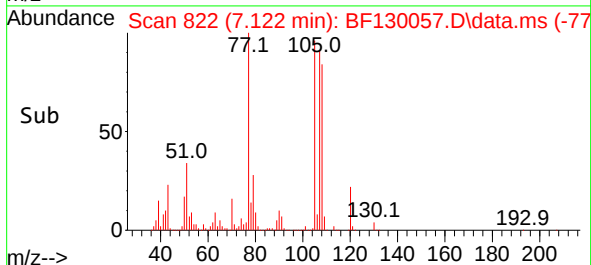
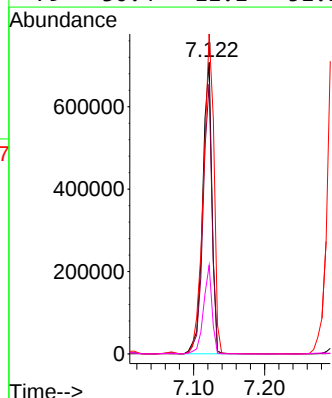
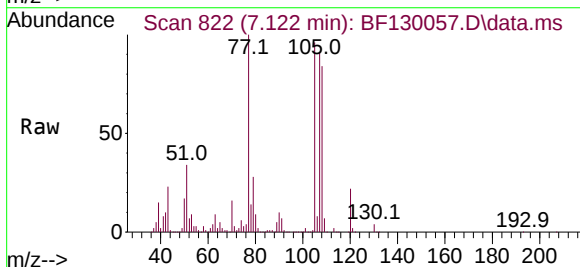
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

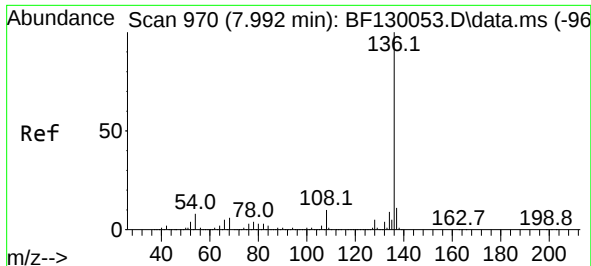
Tgt Ion: 70 Resp: 453498  
Ion Ratio Lower Upper  
70 100  
42 53.4 47.6 71.4  
101 9.9 8.1 12.1  
130 23.6 17.2 25.8



#20  
3+4-Methylphenols  
Concen: 37.943 ng  
RT: 7.122 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 107 Resp: 644577  
Ion Ratio Lower Upper  
107 100  
108 92.6 71.3 111.3  
77 109.8 20.4 60.4#  
79 30.4 11.1 51.1

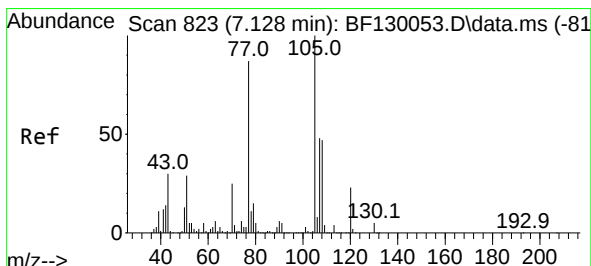
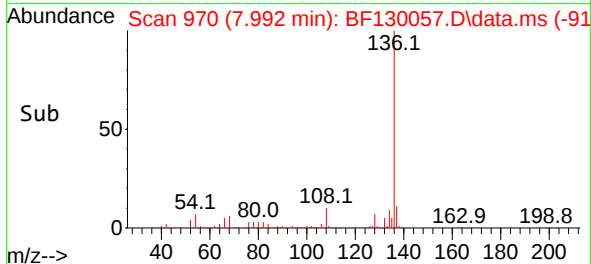
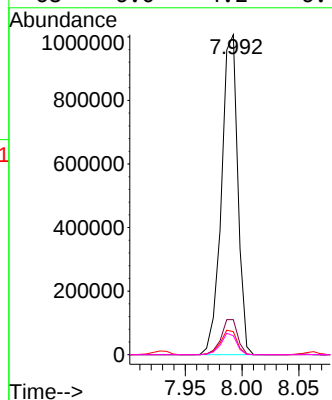
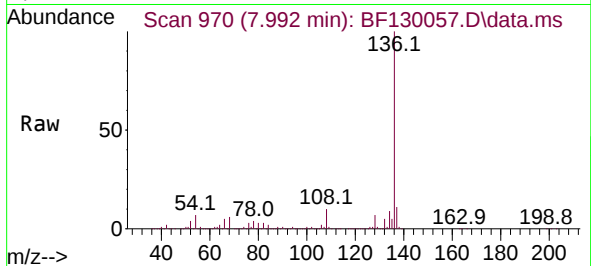




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.992 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

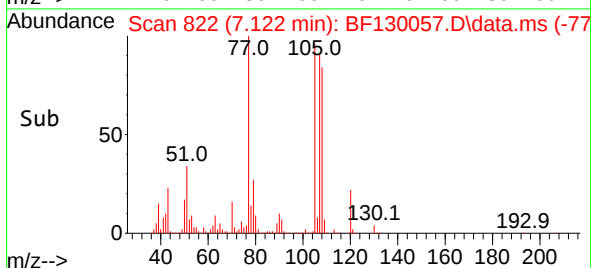
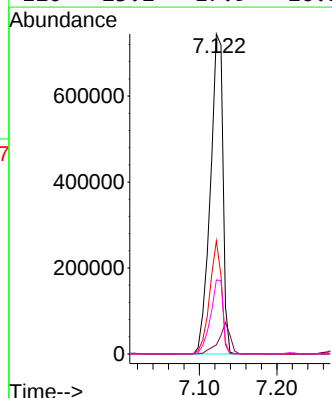
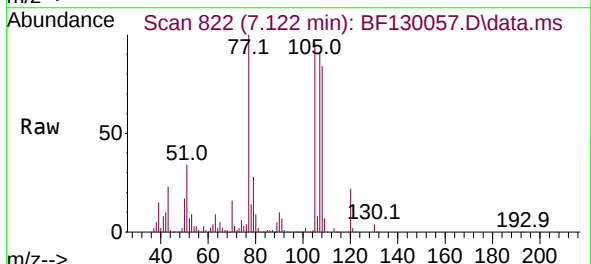
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

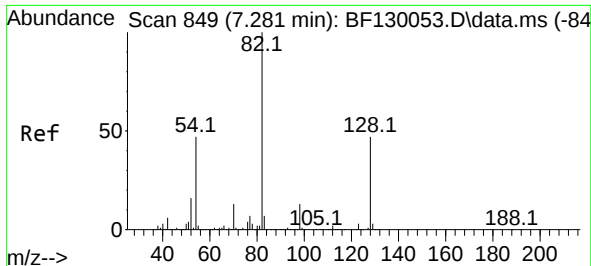
Tgt Ion:136 Resp: 1007309  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 7.2 6.2 9.2  
68 6.0 4.2 6.4



#22  
Acetophenone  
Concen: 37.367 ng  
RT: 7.122 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:105 Resp: 840921  
Ion Ratio Lower Upper  
105 100  
71 2.9 6.6 9.8#  
51 35.3 23.8 35.8  
120 23.2 17.9 26.9

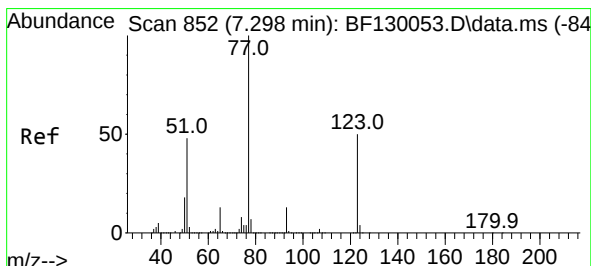
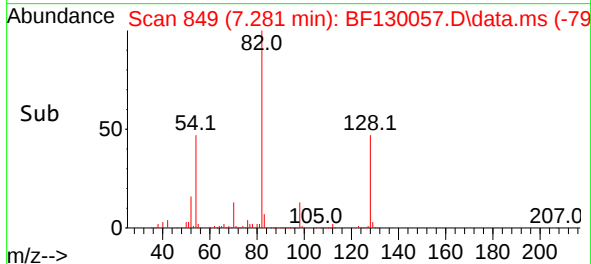
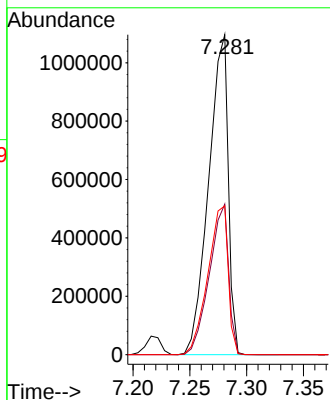
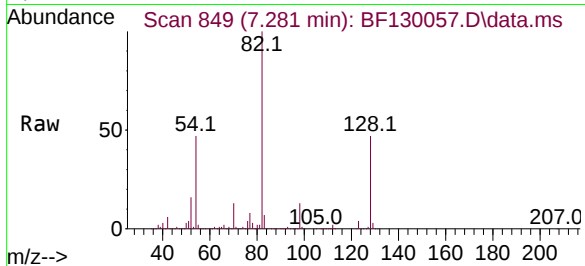




#23  
Nitrobenzene-d5  
Concen: 83.973 ng  
RT: 7.281 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

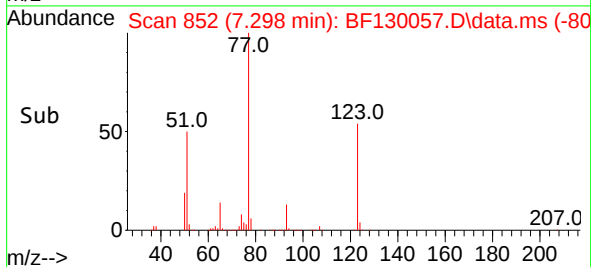
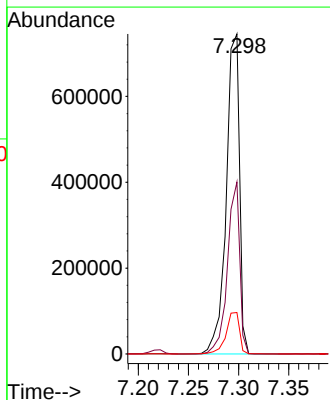
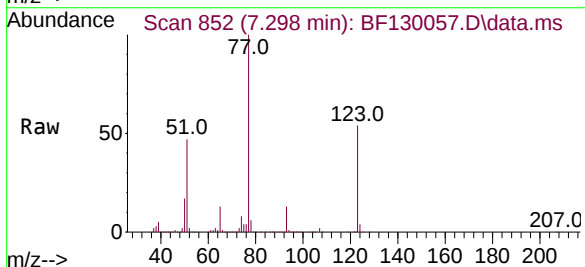
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

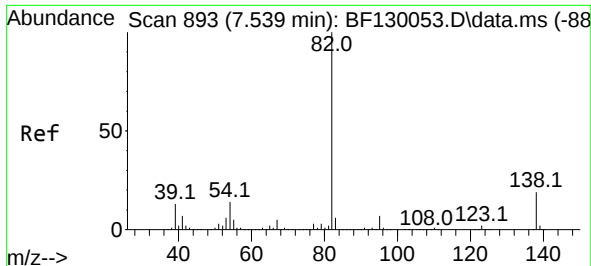
Tgt Ion: 82 Resp: 1316189  
Ion Ratio Lower Upper  
82 100  
128 47.1 36.1 54.1  
54 46.5 40.0 60.0



#24  
Nitrobenzene  
Concen: 41.033 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 77 Resp: 684002  
Ion Ratio Lower Upper  
77 100  
123 53.7 39.2 58.8  
65 13.0 11.1 16.7

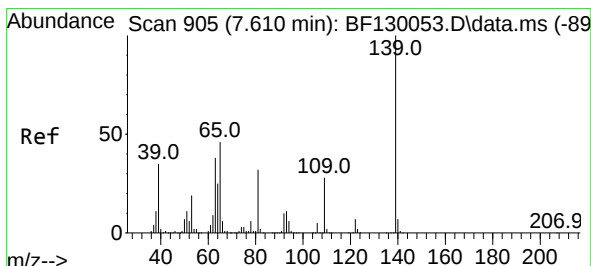
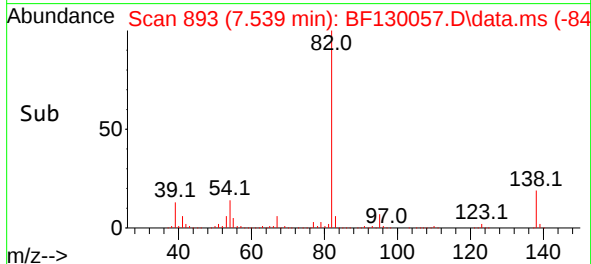
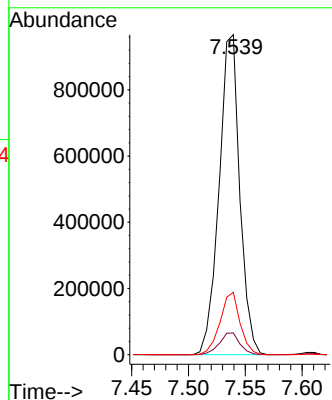
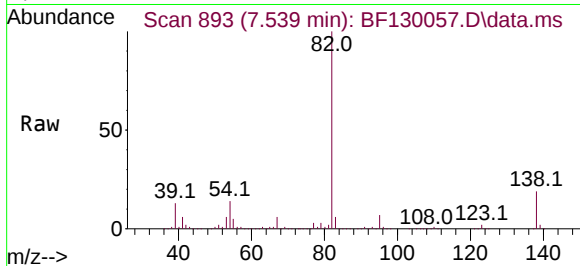




#25  
Isophorone  
Concen: 38.638 ng  
RT: 7.539 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

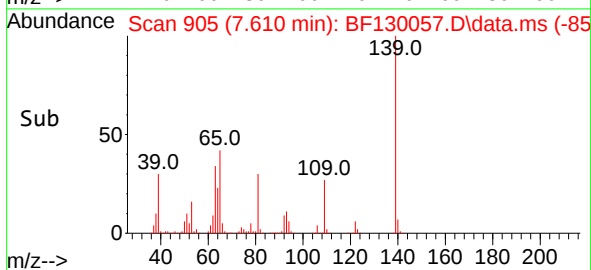
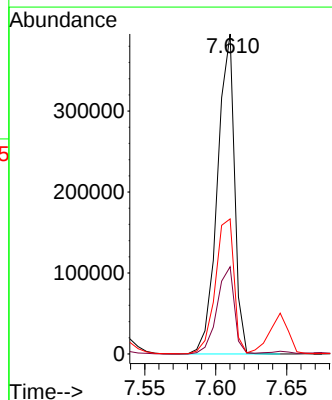
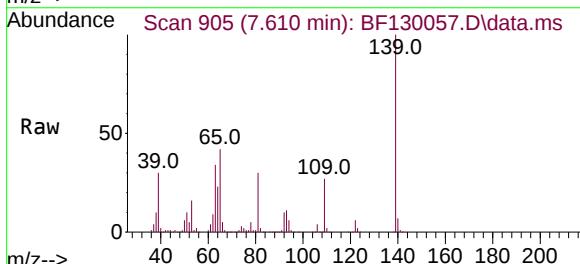
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

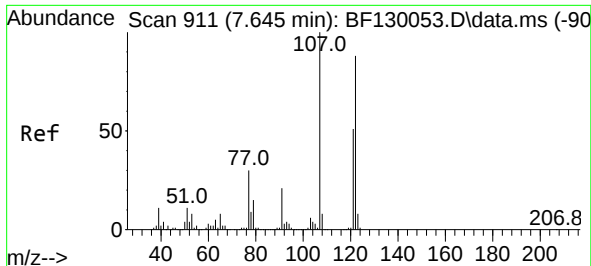
Tgt Ion: 82 Resp: 1225758  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.9 8.9  
138 19.5 14.6 21.8



#26  
2-Nitrophenol  
Concen: 42.551 ng  
RT: 7.610 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:139 Resp: 329843  
Ion Ratio Lower Upper  
139 100  
109 27.3 24.4 36.6  
65 42.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 39.327 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130057.D

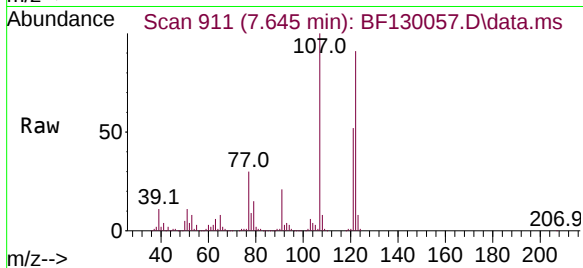
Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122



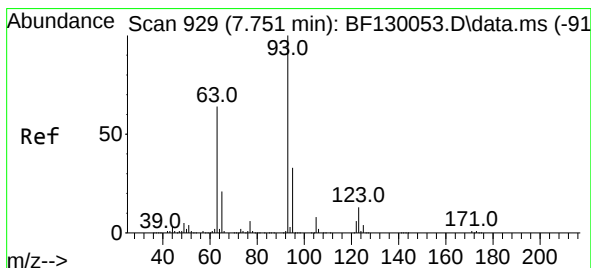
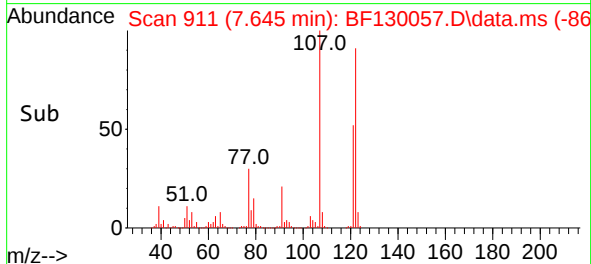
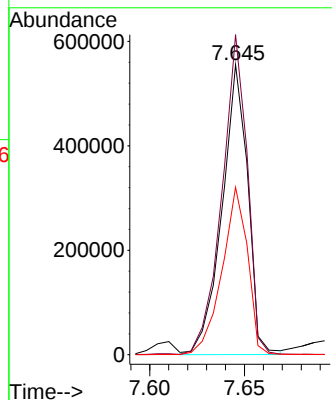
Tgt Ion:122 Resp: 523506

Ion Ratio Lower Upper

122 100

107 110.3 92.2 138.4

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.293 ng

RT: 7.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

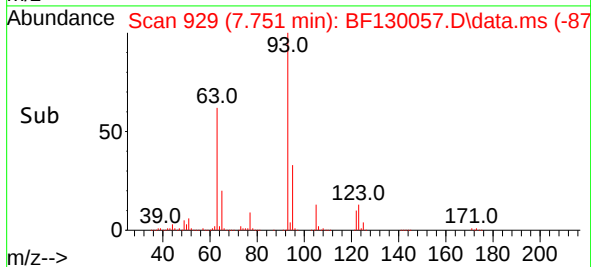
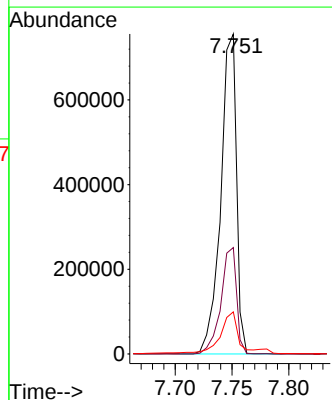
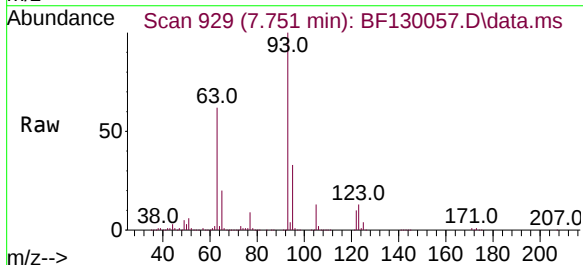
Tgt Ion: 93 Resp: 729736

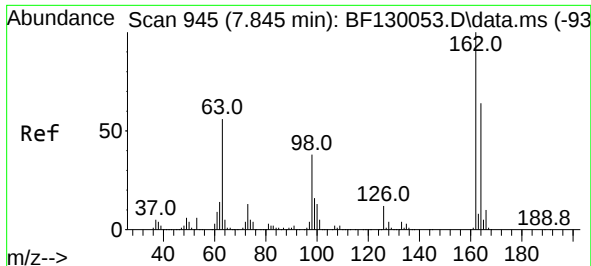
Ion Ratio Lower Upper

93 100

95 33.3 25.6 38.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.577 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

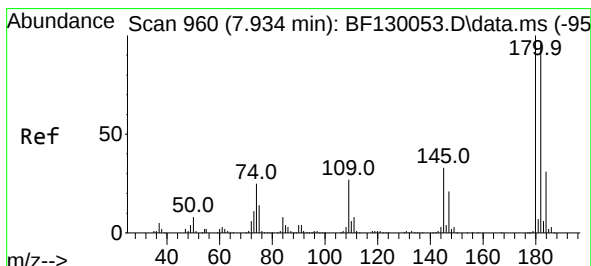
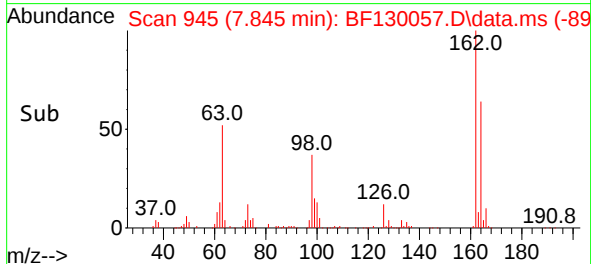
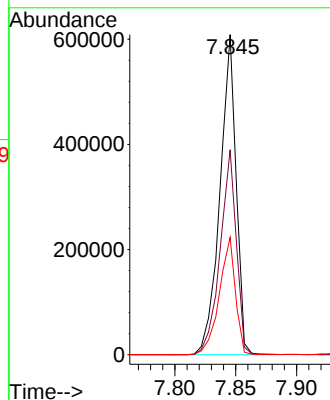
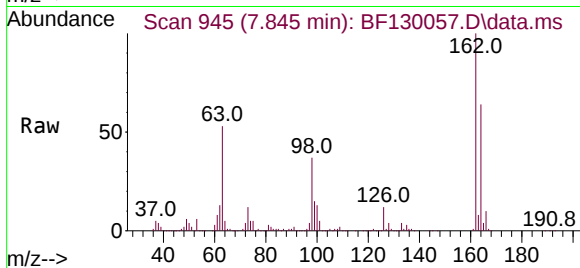
Tgt Ion:162 Resp: 563525

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 36.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 37.987 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

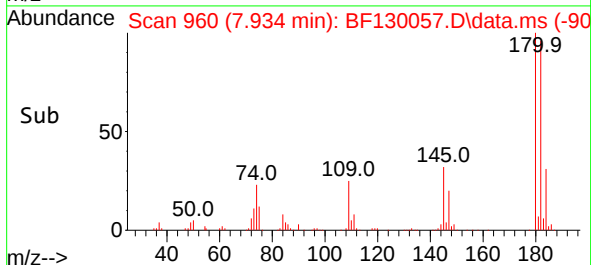
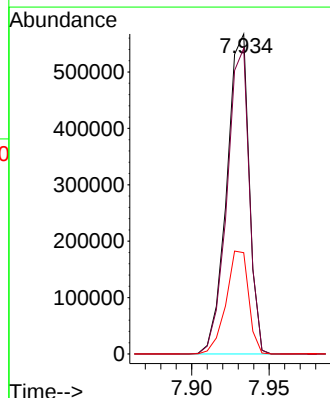
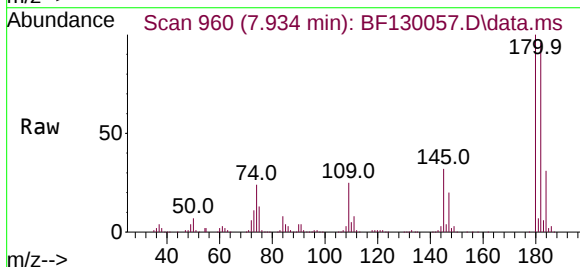
Tgt Ion:180 Resp: 570308

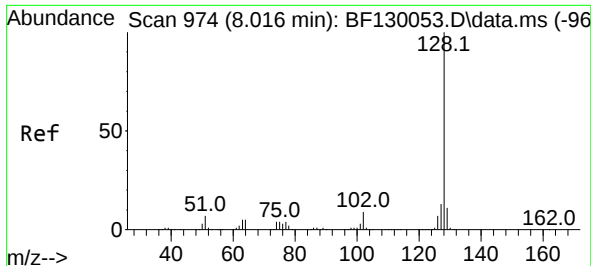
Ion Ratio Lower Upper

180 100

182 95.5 77.6 116.4

145 31.7 25.6 38.4

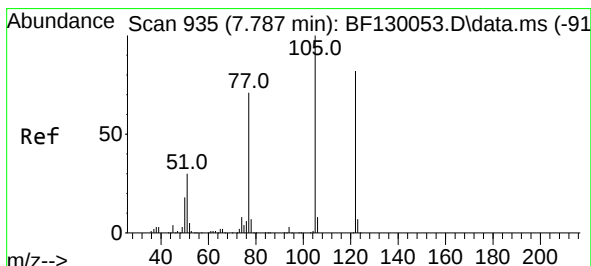
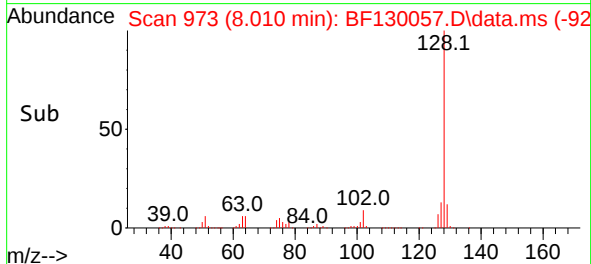
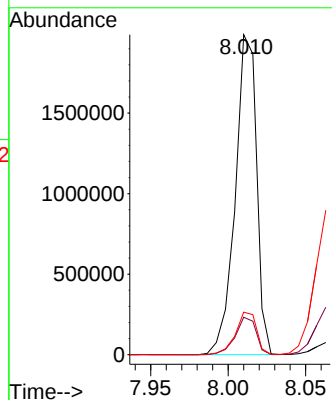
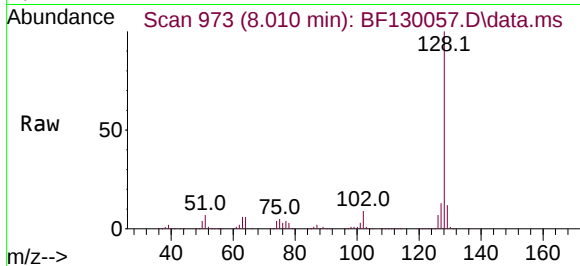




#31  
Naphthalene  
Concen: 37.471 ng  
RT: 8.010 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

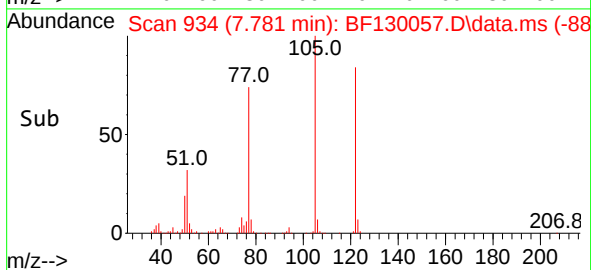
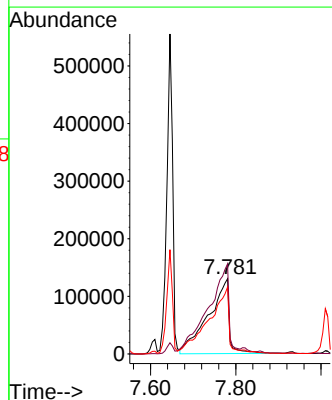
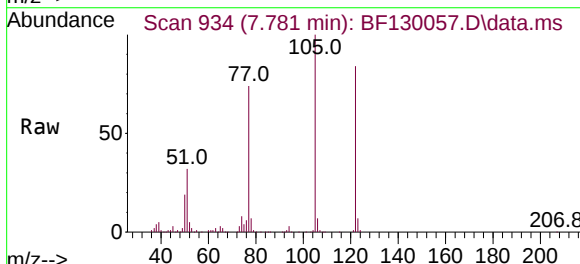
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

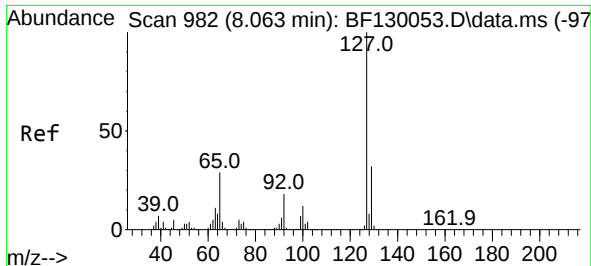
Tgt Ion:128 Resp: 1903696  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.9 13.3  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 41.861 ng  
RT: 7.781 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:122 Resp: 444399  
Ion Ratio Lower Upper  
122 100  
105 119.7 99.9 139.9  
77 89.0 65.9 105.9

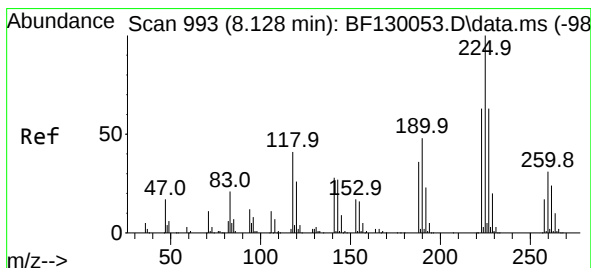
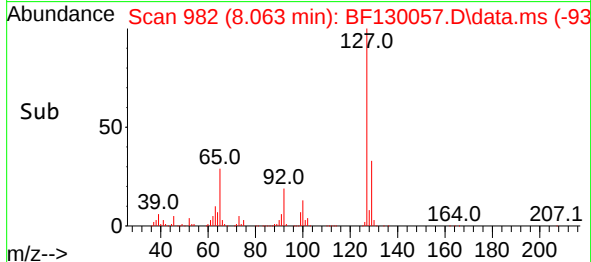
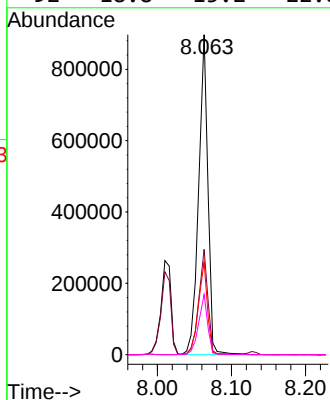
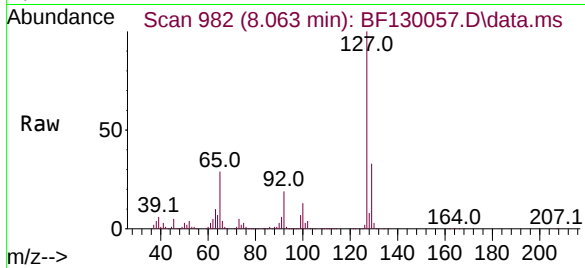




#33  
4-Chloroaniline  
Concen: 38.114 ng  
RT: 8.063 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

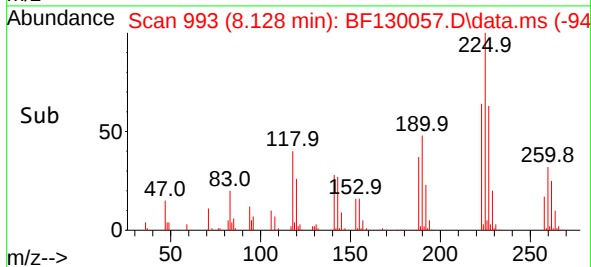
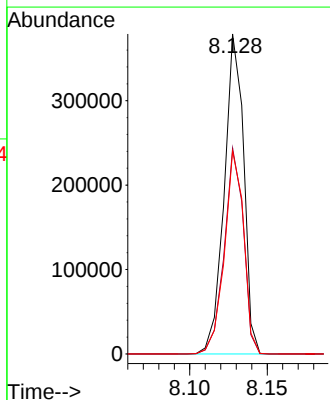
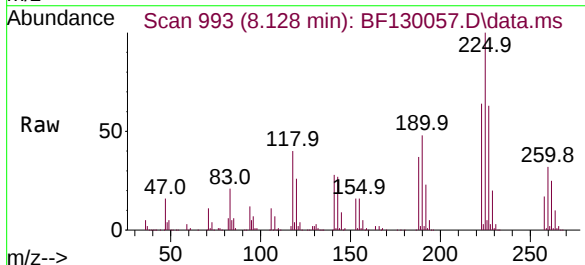
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 782304 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.7  | 40.1   |
| 65       | 29.0  | 24.2  | 36.2   |
| 92       | 18.8  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 38.397 ng  
RT: 8.128 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 330150 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.2  | 75.2   |
| 227      | 63.4  | 50.6  | 75.8   |

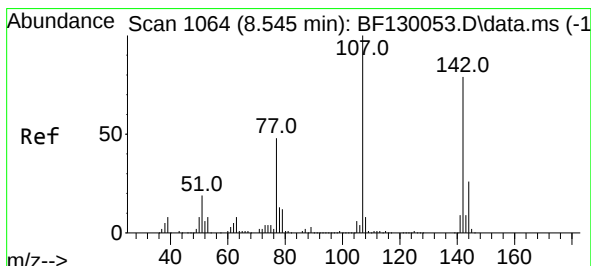
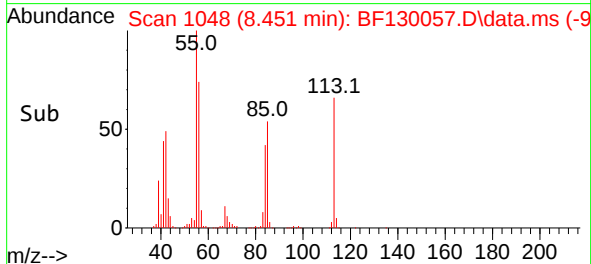
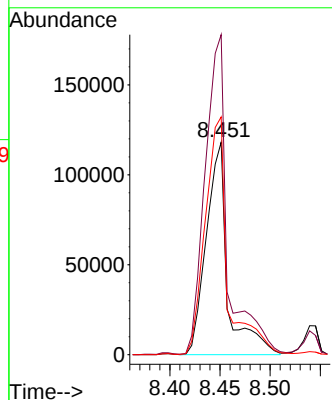
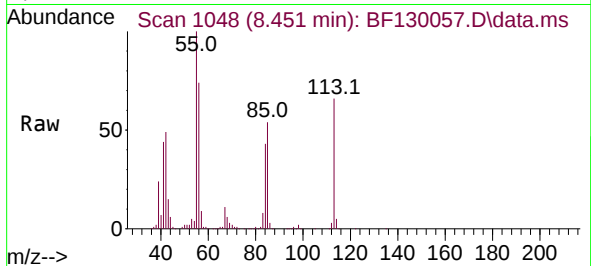




#35  
Caprolactam  
Concen: 39.831 ng  
RT: 8.451 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

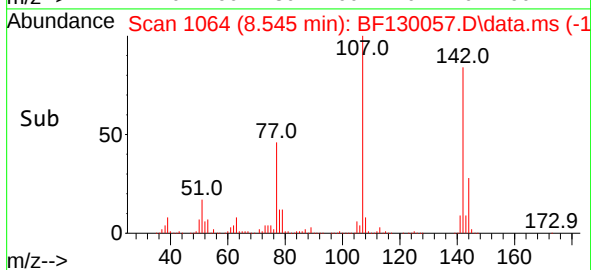
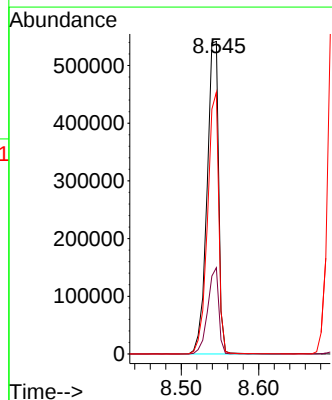
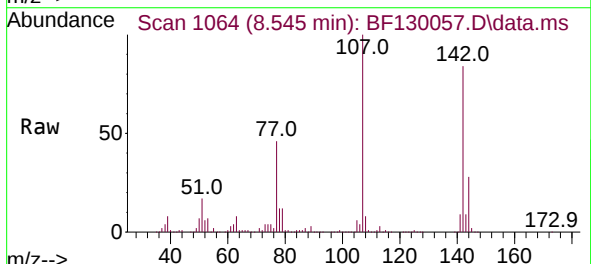
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

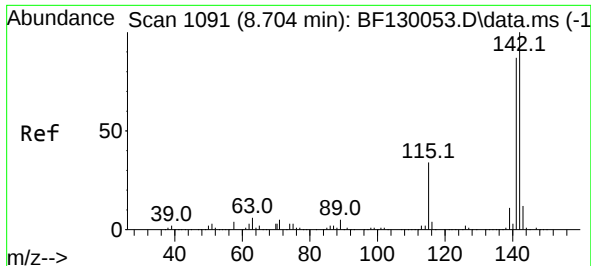
Tgt Ion:113 Resp: 175748  
Ion Ratio Lower Upper  
113 100  
55 150.6 148.8 188.8  
56 111.9 109.1 149.1



#36  
4-Chloro-3-methylphenol  
Concen: 39.071 ng  
RT: 8.545 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:107 Resp: 562943  
Ion Ratio Lower Upper  
107 100  
144 27.6 19.9 29.9  
142 83.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 37.812 ng

RT: 8.704 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

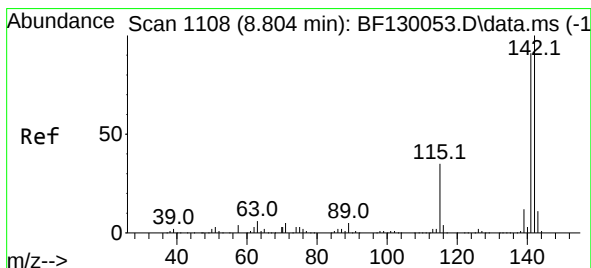
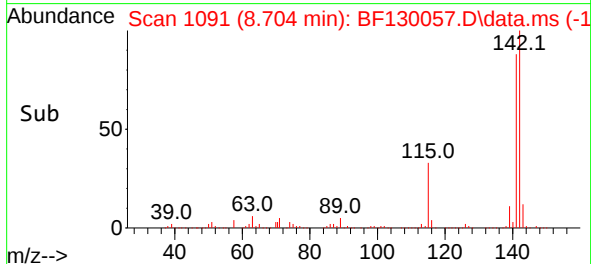
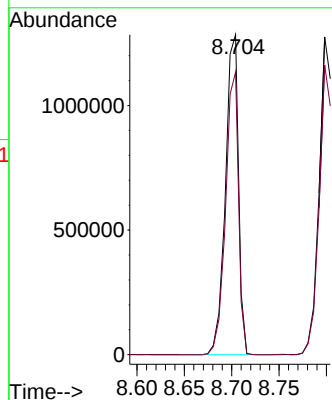
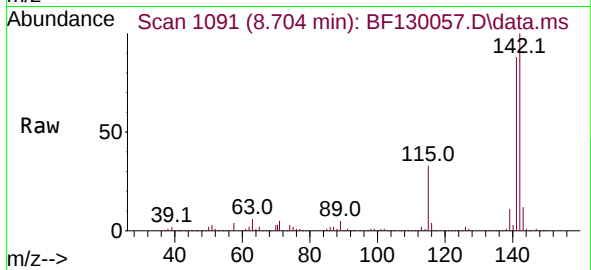
ICVBF083122

Tgt Ion:142 Resp: 1237426

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3



#38

1-Methylnaphthalene

Concen: 37.679 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130057.D

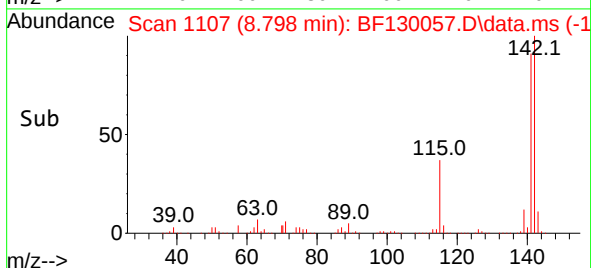
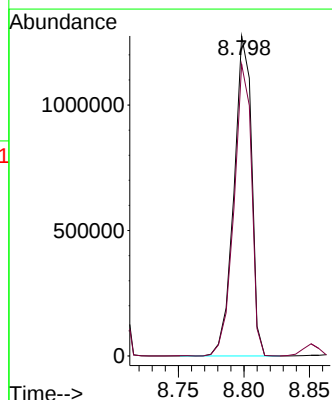
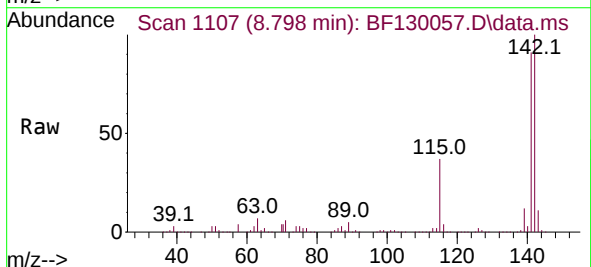
Acq: 31 Aug 2022 17:49

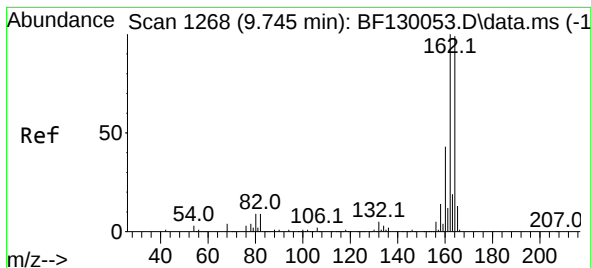
Tgt Ion:142 Resp: 1198565

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

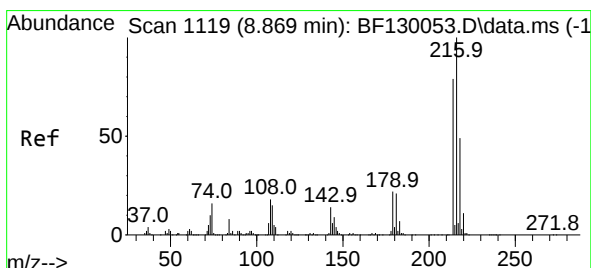
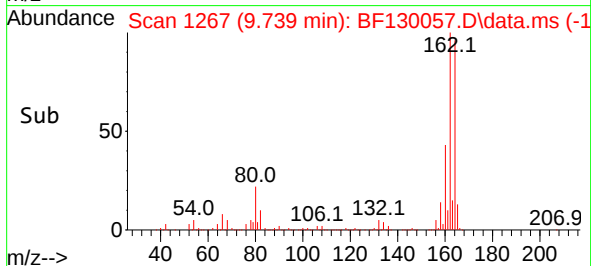
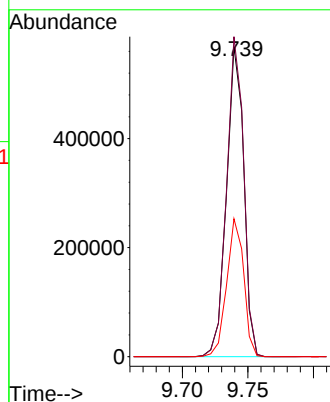
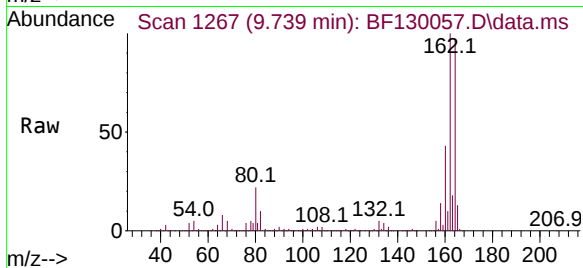
Tgt Ion:164 Resp: 519505

Ion Ratio Lower Upper

164 100

162 103.3 82.0 123.0

160 44.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.784 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Tgt Ion:216 Resp: 511852

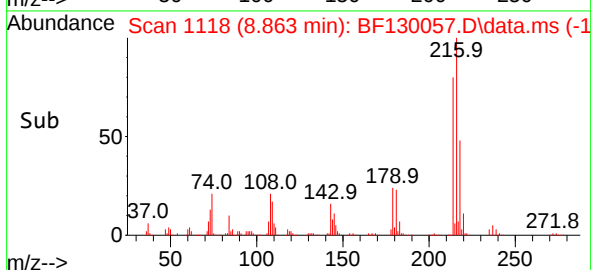
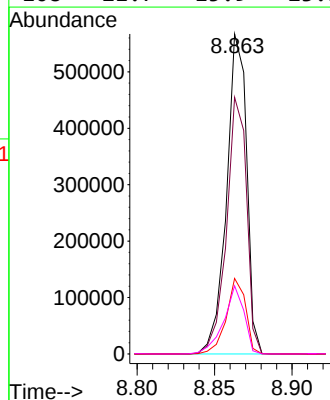
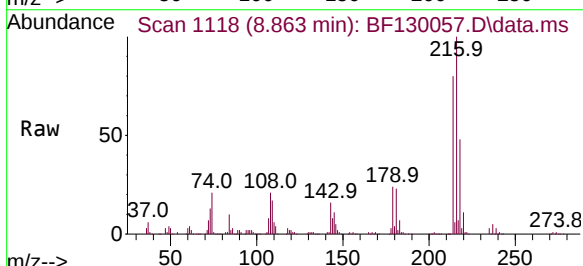
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 22.7 18.1 27.1

108 21.7 15.9 23.9

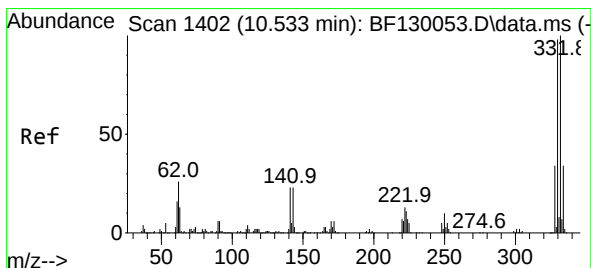
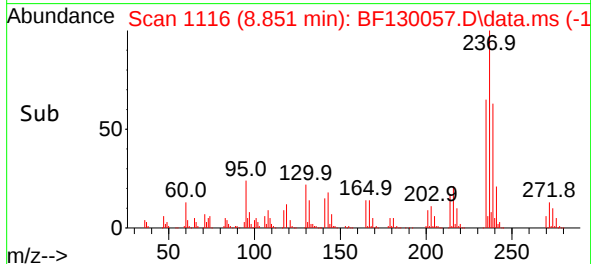
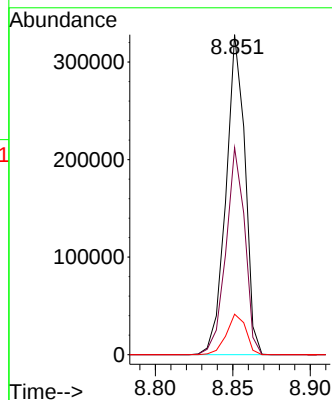
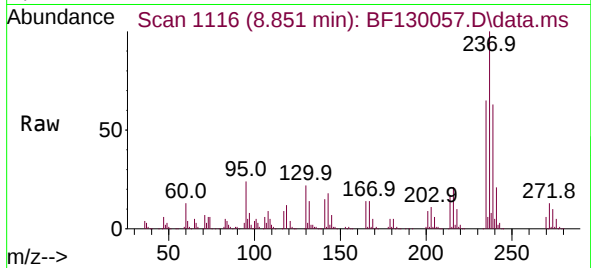




#41  
Hexachlorocyclopentadiene  
Concen: 39.604 ng  
RT: 8.851 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

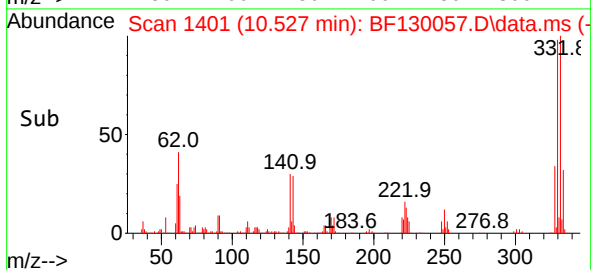
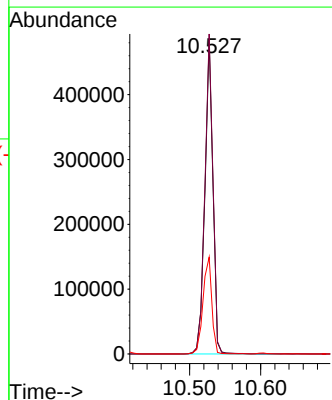
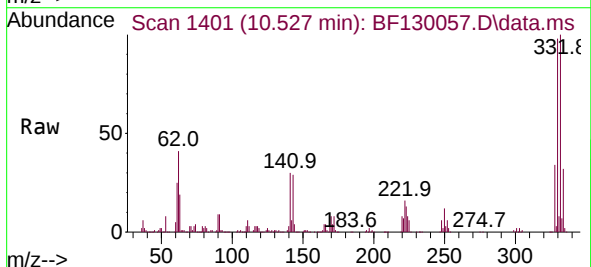
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

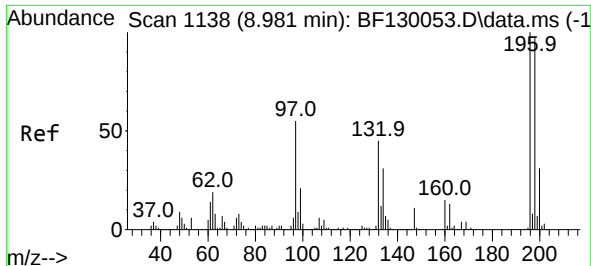
Tgt Ion:237 Resp: 280381  
Ion Ratio Lower Upper  
237 100  
235 64.7 41.5 81.5  
272 12.7 0.0 33.3



#42  
2,4,6-Tribromophenol  
Concen: 81.072 ng  
RT: 10.527 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:330 Resp: 383384  
Ion Ratio Lower Upper  
330 100  
332 102.5 82.6 124.0  
141 33.9 27.6 41.4

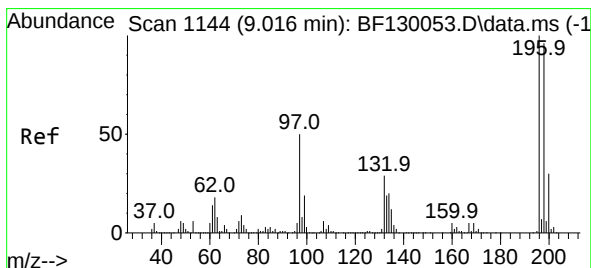
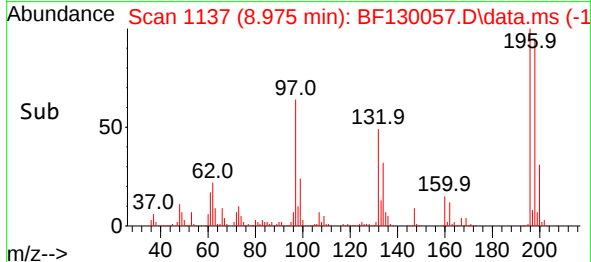
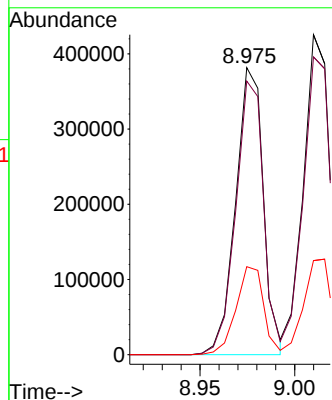
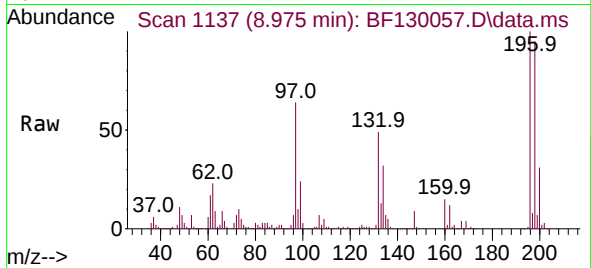




#43  
2,4,6-Trichlorophenol  
Concen: 40.100 ng  
RT: 8.975 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

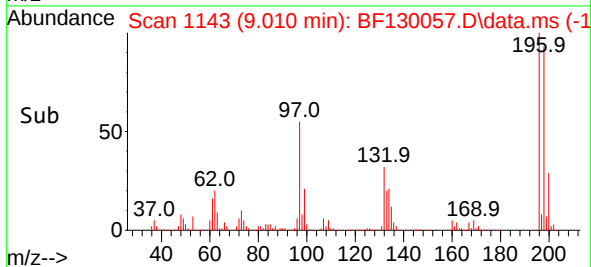
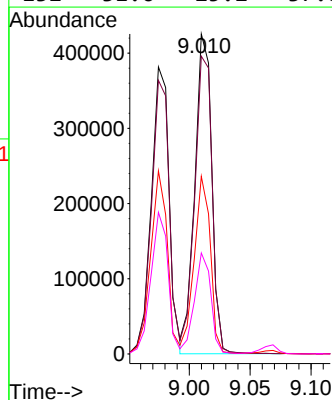
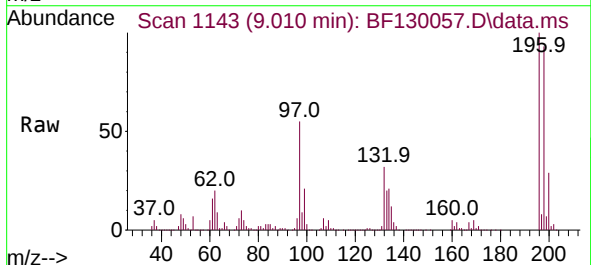
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

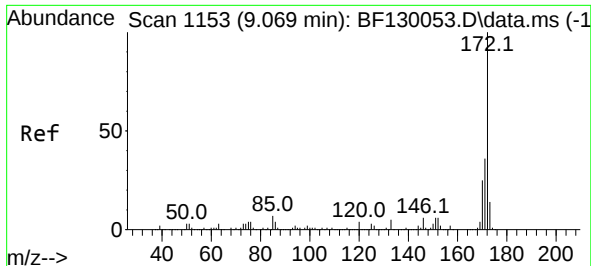
Tgt Ion:196 Resp: 387751  
Ion Ratio Lower Upper  
196 100  
198 95.4 79.0 118.4  
200 30.6 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 39.388 ng  
RT: 9.010 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:196 Resp: 412813  
Ion Ratio Lower Upper  
196 100  
198 93.1 76.4 114.6  
97 55.5 46.5 69.7  
132 31.6 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 71.976 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

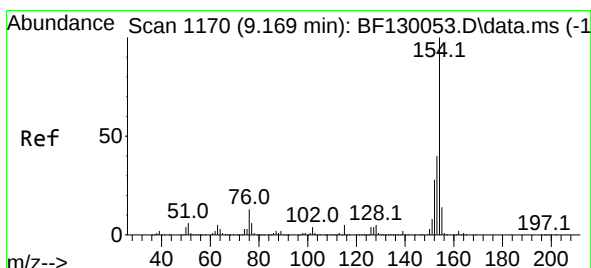
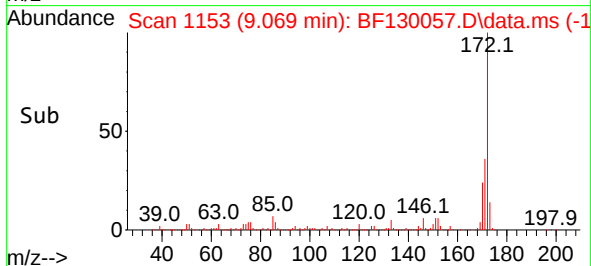
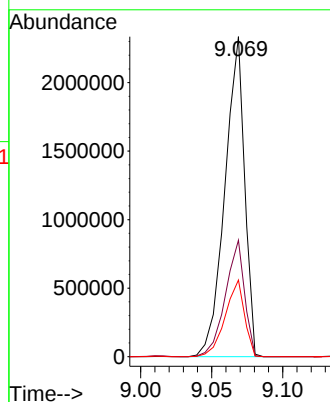
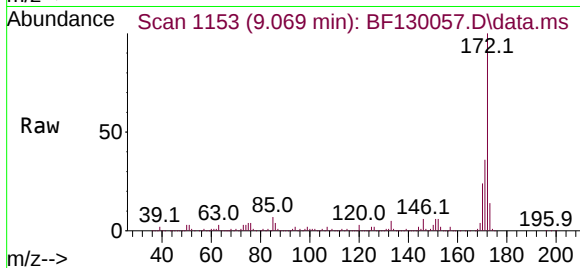
Tgt Ion:172 Resp: 2255313

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 36.996 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

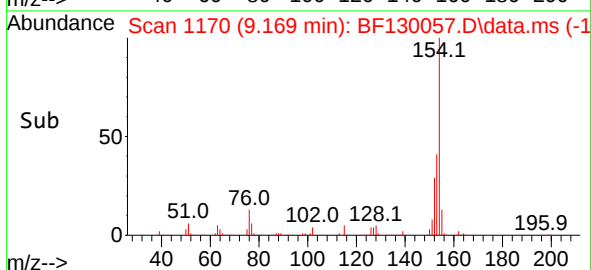
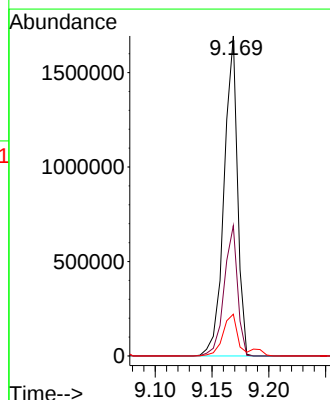
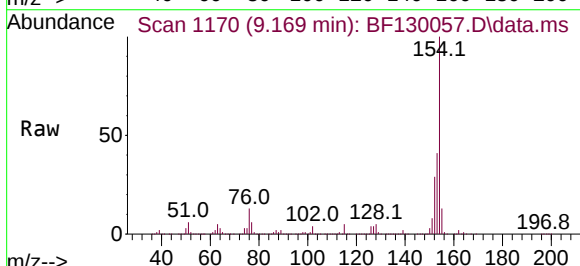
Tgt Ion:154 Resp: 1396295

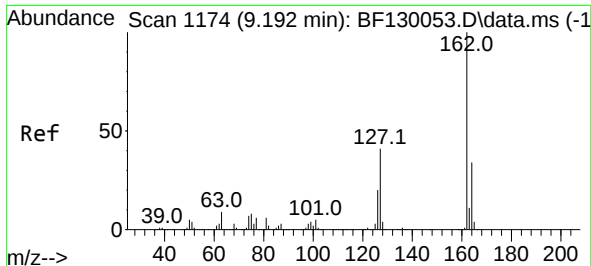
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 13.1 0.0 32.1

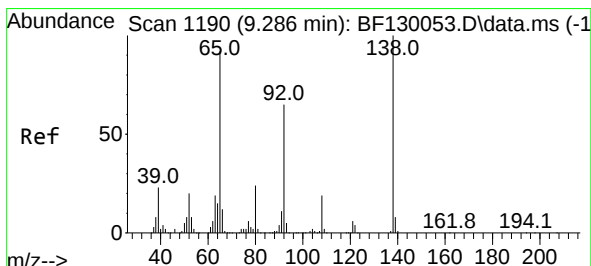
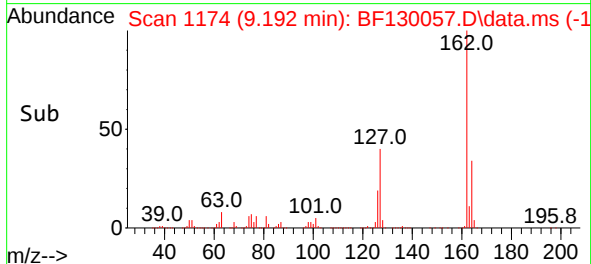
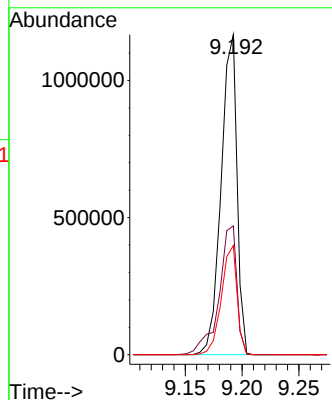
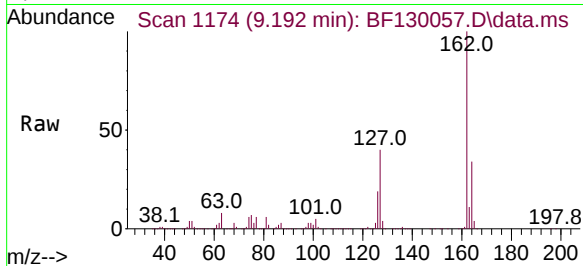




#47  
2-Chloronaphthalene  
Concen: 37.672 ng  
RT: 9.192 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

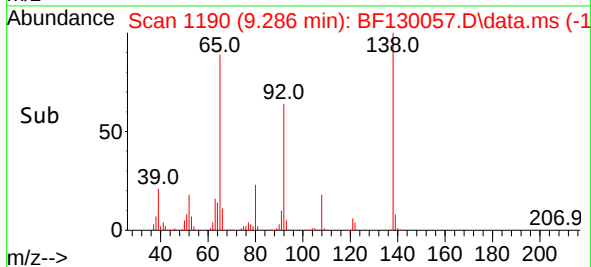
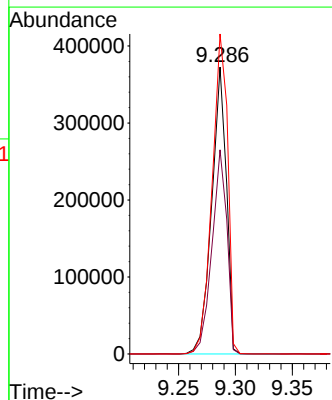
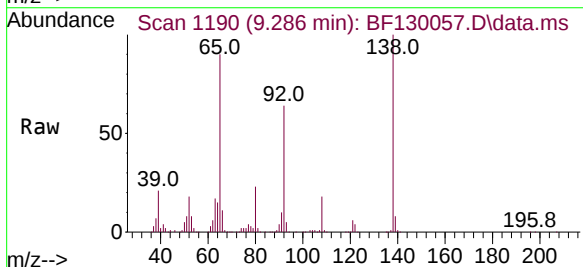
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

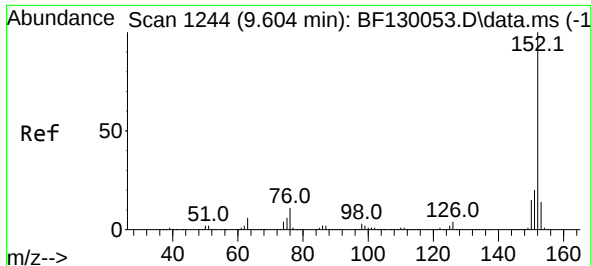
Tgt Ion:162 Resp: 1139236  
Ion Ratio Lower Upper  
162 100  
127 40.2 33.1 49.7  
164 34.1 26.7 40.1



#48  
2-Nitroaniline  
Concen: 45.056 ng  
RT: 9.286 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

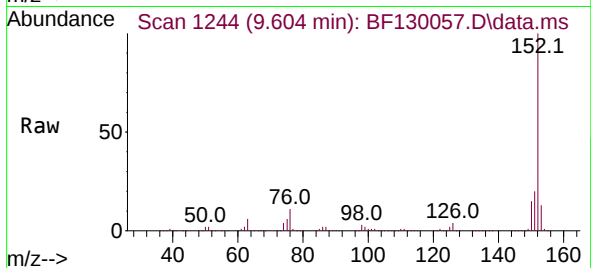
Tgt Ion: 65 Resp: 335757  
Ion Ratio Lower Upper  
65 100  
92 71.1 55.0 82.4  
138 111.5 81.3 121.9



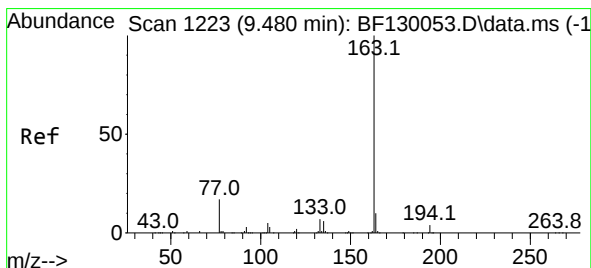
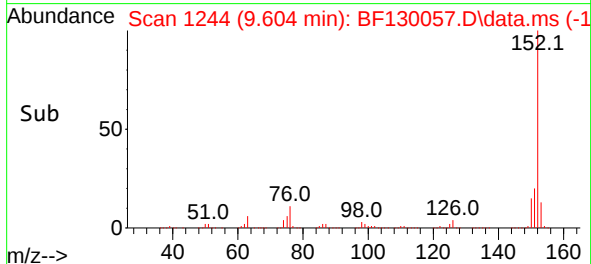
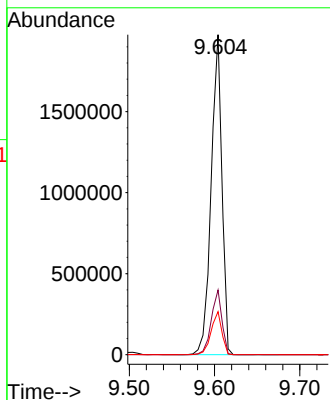


#49  
Acenaphthylene  
Concen: 37.810 ng  
RT: 9.604 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

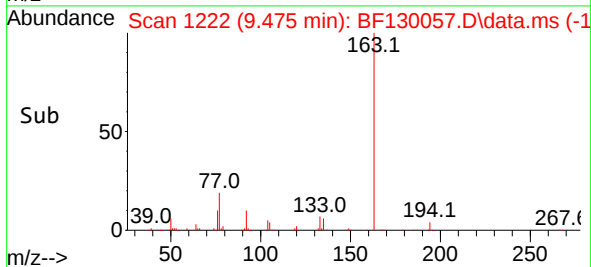
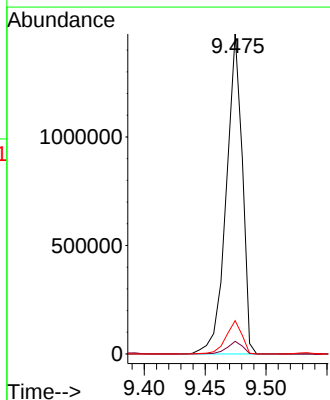
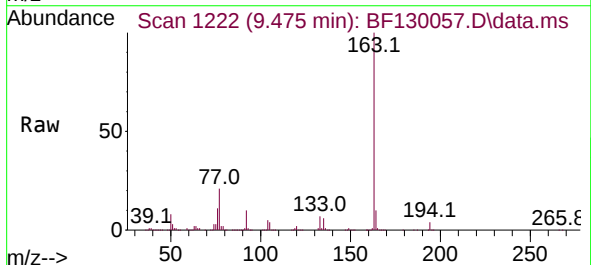


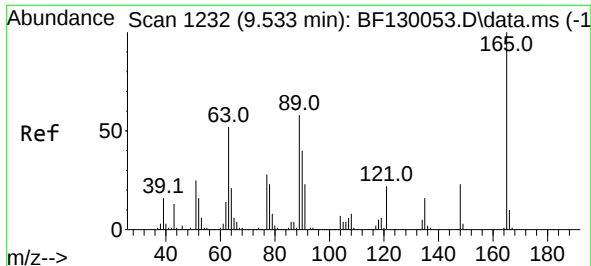
Tgt Ion:152 Resp: 1736295  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.5 10.6 16.0



#50  
Dimethylphthalate  
Concen: 37.926 ng  
RT: 9.475 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:163 Resp: 1342000  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.479 ng

RT: 9.533 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

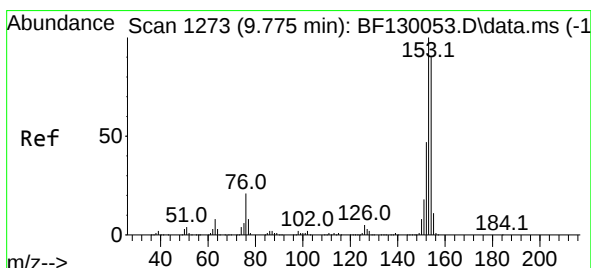
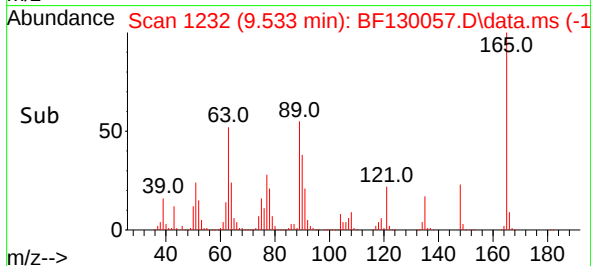
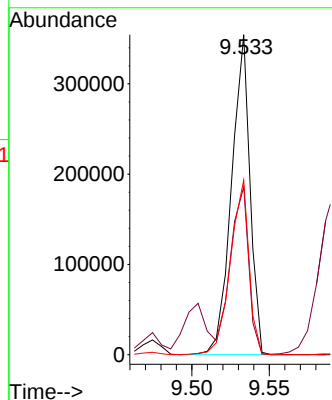
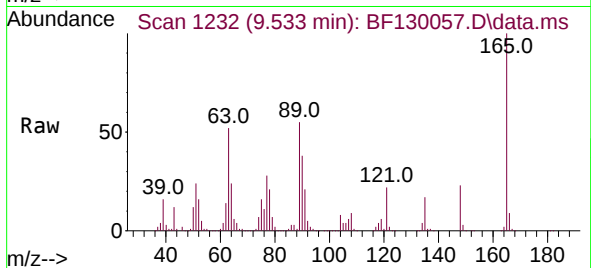
Tgt Ion:165 Resp: 293061

Ion Ratio Lower Upper

165 100

63 52.4 47.8 71.8

89 54.5 47.2 70.8



#52

Acenaphthene

Concen: 36.091 ng

RT: 9.775 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

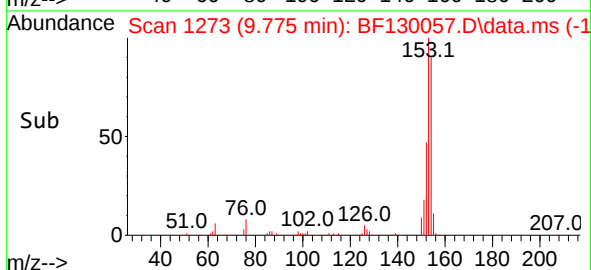
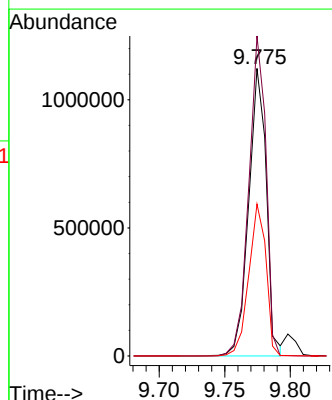
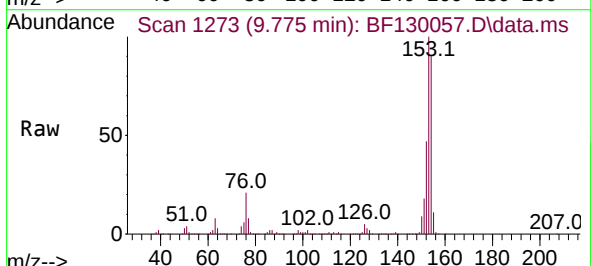
Tgt Ion:154 Resp: 1044509

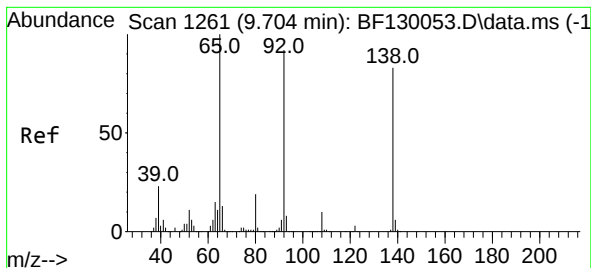
Ion Ratio Lower Upper

154 100

153 111.3 89.8 134.6

152 52.8 42.1 63.1





#53

3-Nitroaniline

Concen: 43.168 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

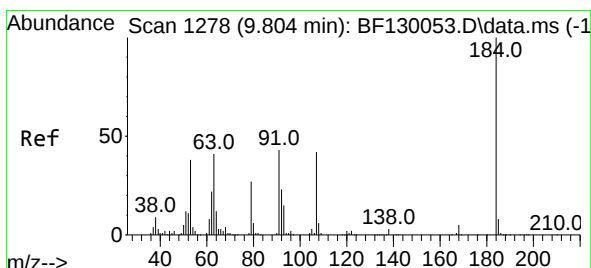
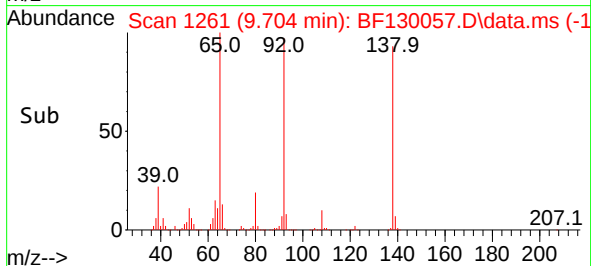
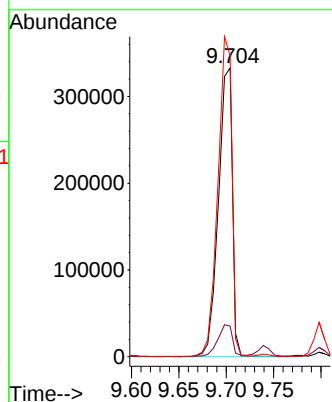
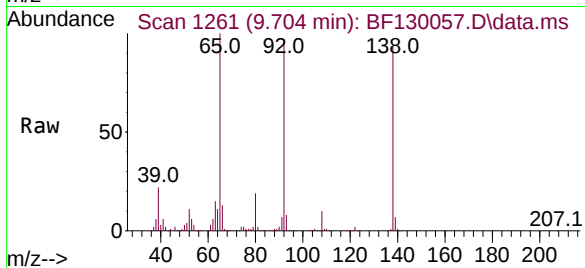
Tgt Ion:138 Resp: 341824

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

92 104.3 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 41.229 ng

RT: 9.798 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

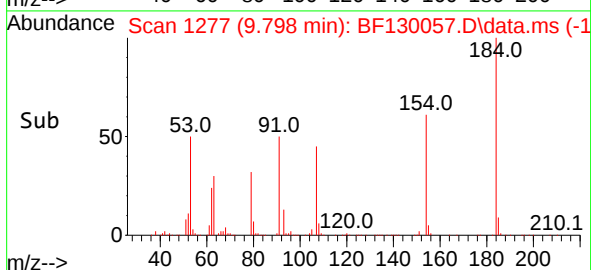
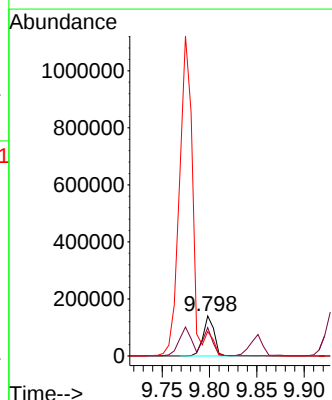
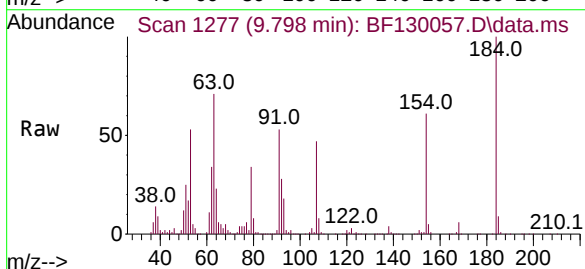
Tgt Ion:184 Resp: 115468

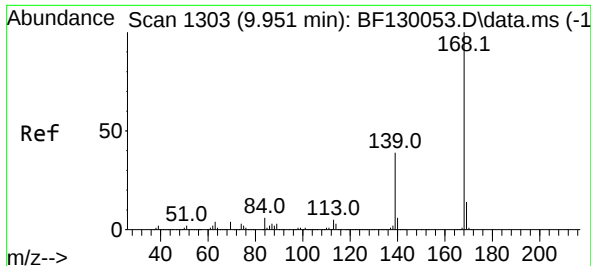
Ion Ratio Lower Upper

184 100

63 70.8 59.6 89.4

154 60.9 55.3 82.9

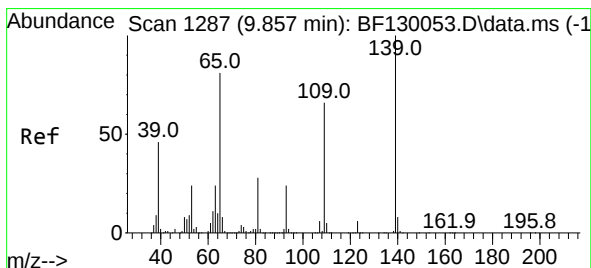
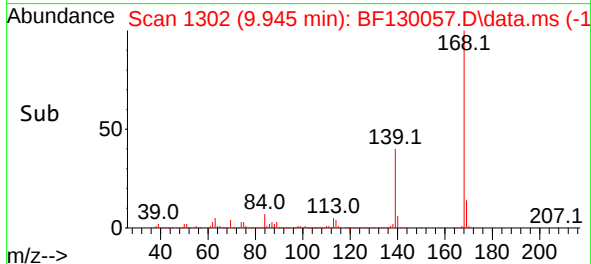
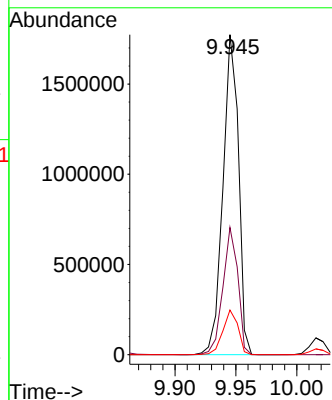
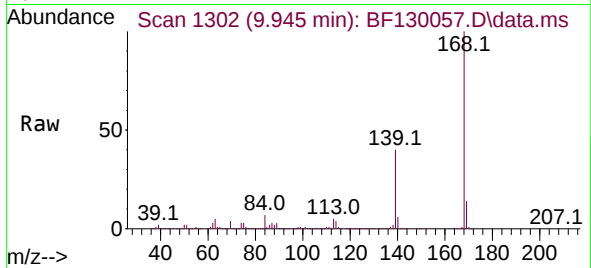




#55  
Dibenzenofuran  
Concen: 38.057 ng  
RT: 9.945 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

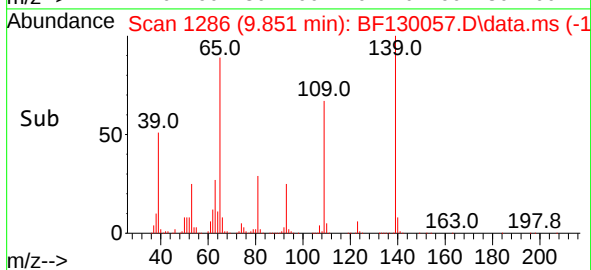
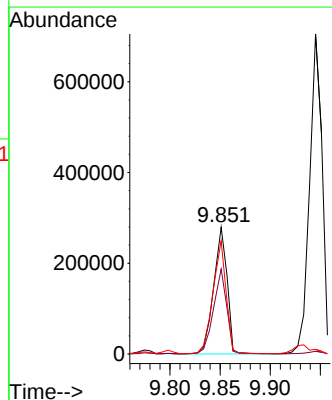
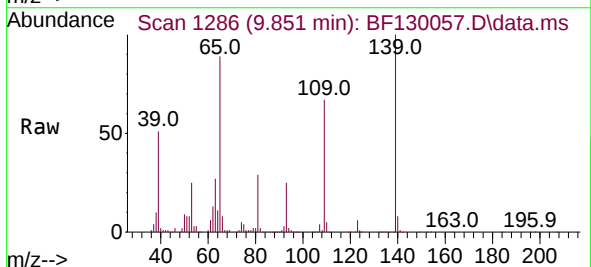
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

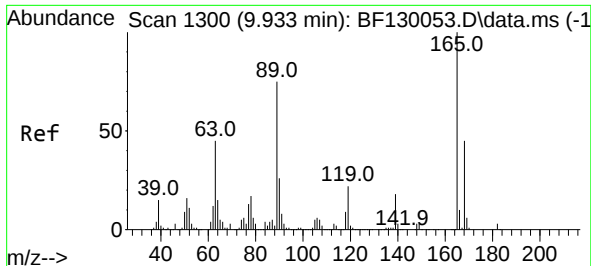
Tgt Ion:168 Resp: 1577135  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.3 46.9  
169 13.9 10.7 16.1



#56  
4-Nitrophenol  
Concen: 42.631 ng  
RT: 9.851 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:139 Resp: 260257  
Ion Ratio Lower Upper  
139 100  
109 67.1 52.9 92.9  
65 89.3 79.5 119.5

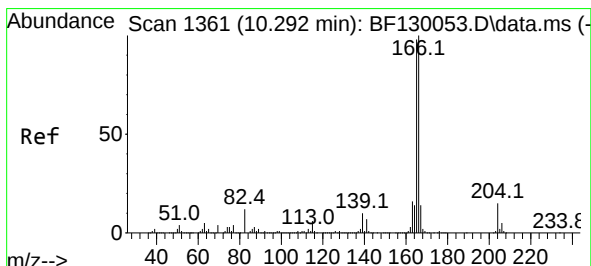
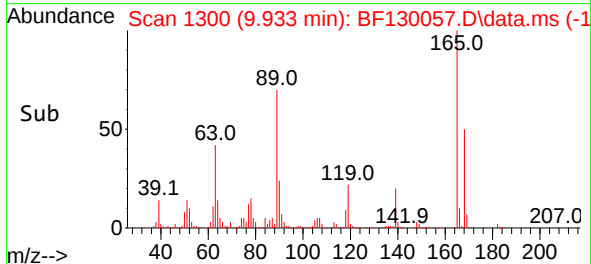
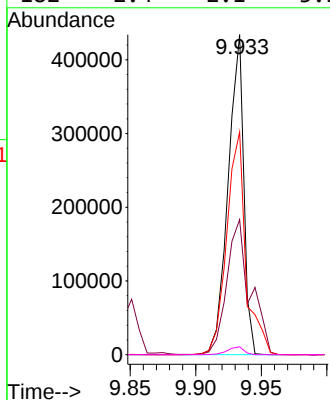
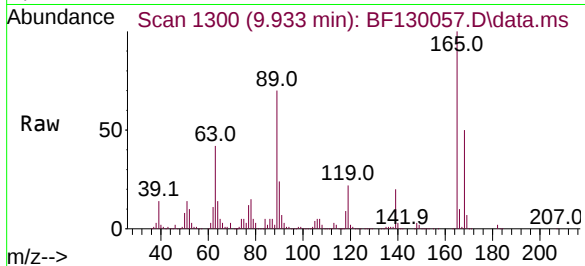




#57  
2,4-Dinitrotoluene  
Concen: 45.284 ng  
RT: 9.933 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

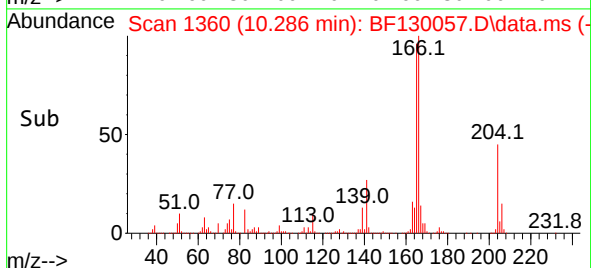
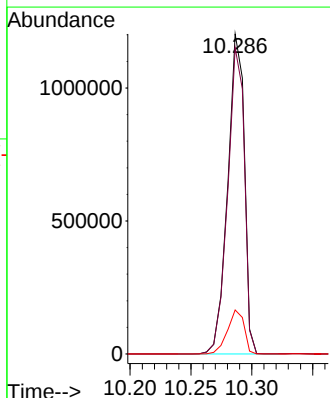
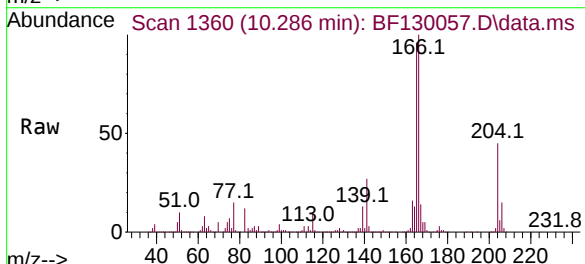
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

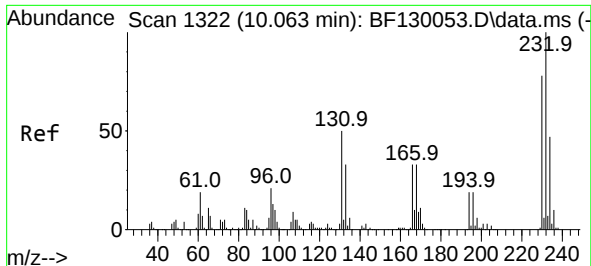
Tgt Ion:165 Resp: 359681  
Ion Ratio Lower Upper  
165 100  
63 42.2 48.4 72.6#  
89 69.6 62.3 93.5  
182 2.4 2.1 3.1



#58  
Fluorene  
Concen: 36.416 ng  
RT: 10.286 min Scan# 1360  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:166 Resp: 1148259  
Ion Ratio Lower Upper  
166 100  
165 95.7 77.9 116.9  
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.156 ng

RT: 10.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

Tgt Ion:232 Resp: 318741

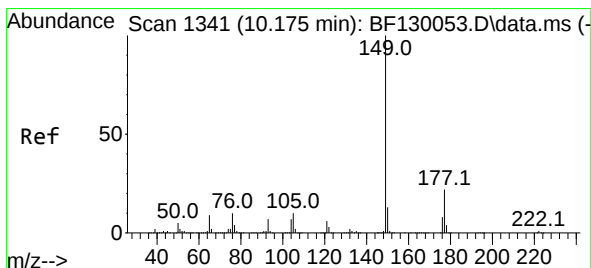
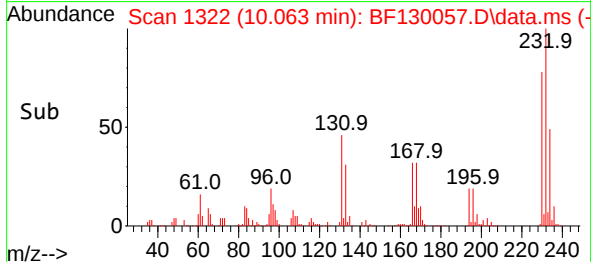
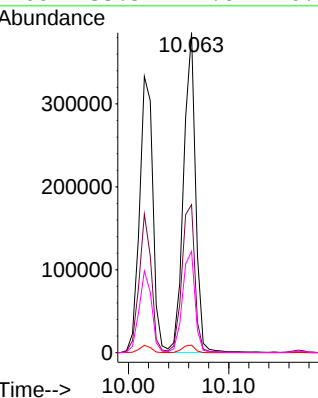
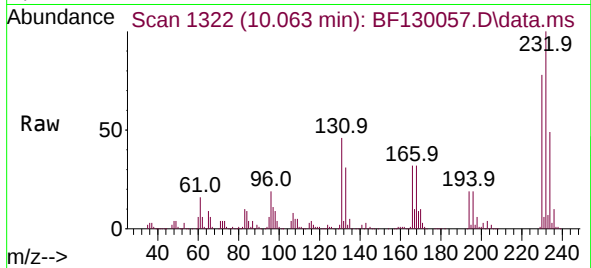
Ion Ratio Lower Upper

232 100

131 50.2 29.9 44.9#

130 2.5 1.5 2.3#

166 33.5 17.8 26.8#



#60

Diethylphthalate

Concen: 39.132 ng

RT: 10.169 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

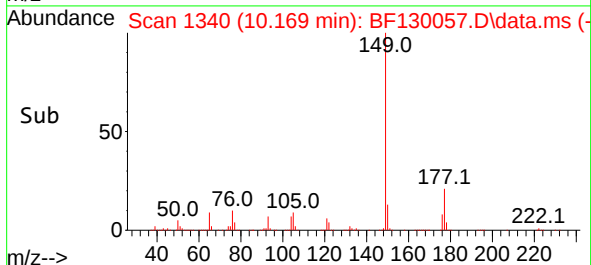
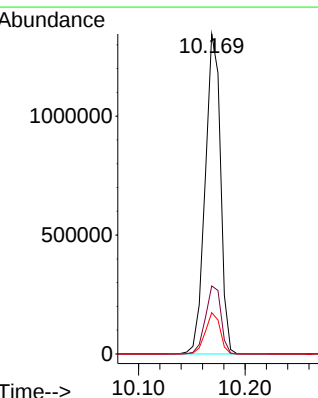
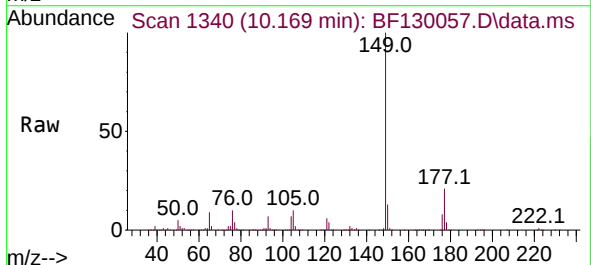
Tgt Ion:149 Resp: 1339557

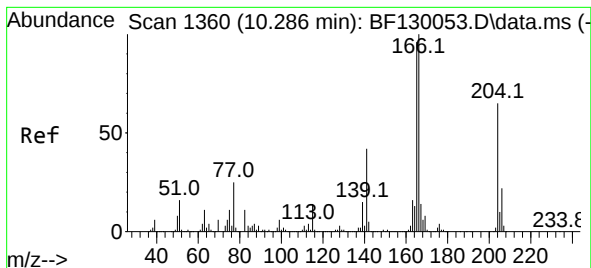
Ion Ratio Lower Upper

149 100

177 21.3 17.7 26.5

150 12.9 10.1 15.1

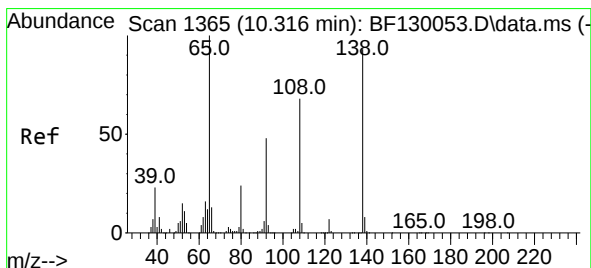
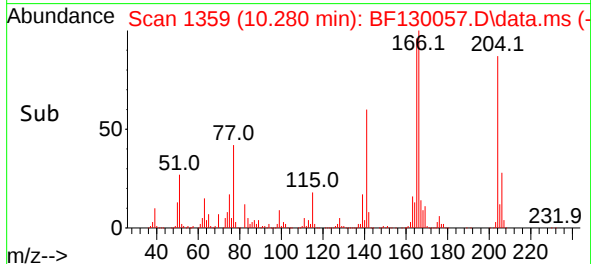
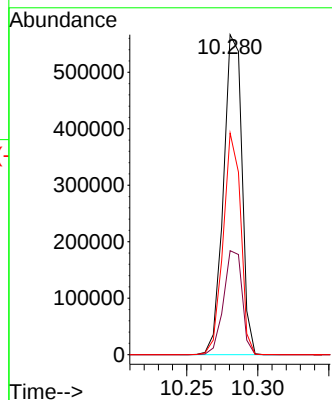
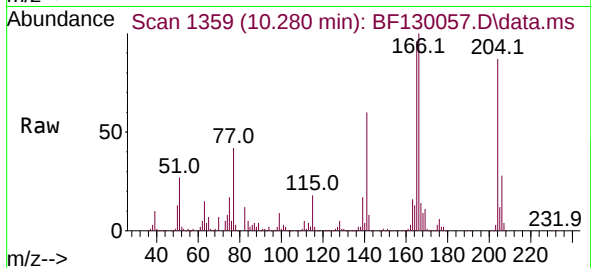




#61  
4-Chlorophenyl-phenylether  
Concen: 36.685 ng  
RT: 10.280 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

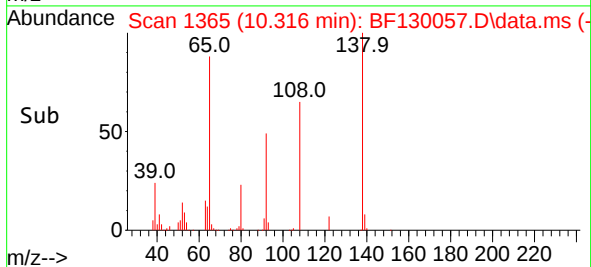
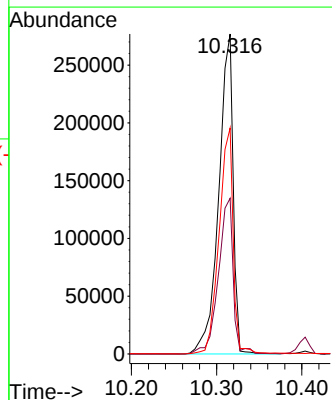
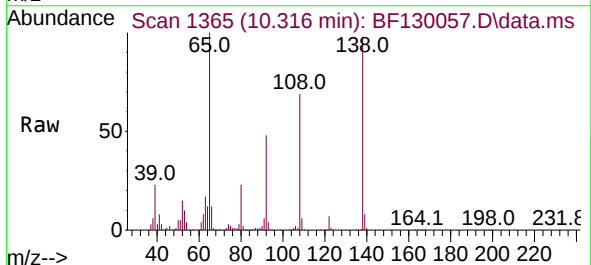
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

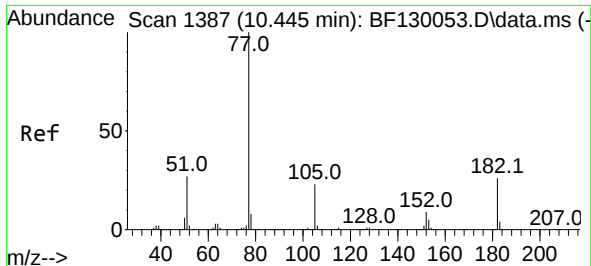
Tgt Ion:204 Resp: 511350  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.5 39.7  
141 69.2 52.6 79.0



#62  
4-Nitroaniline  
Concen: 42.105 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:138 Resp: 324260  
Ion Ratio Lower Upper  
138 100  
92 48.6 30.3 70.3  
108 70.6 55.7 95.7



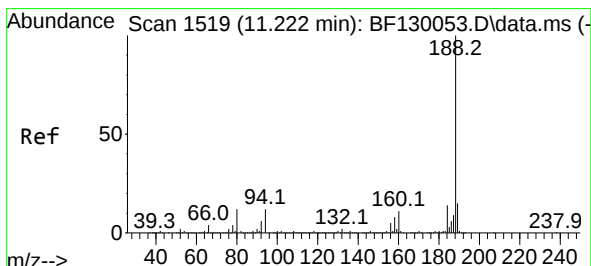
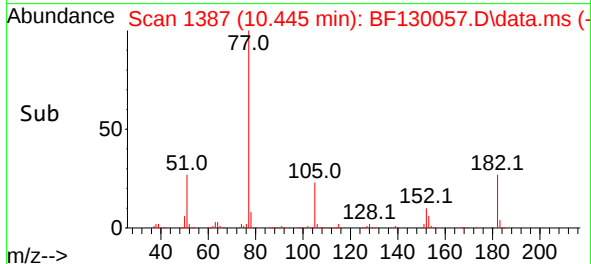
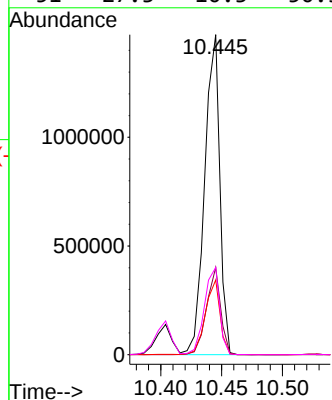
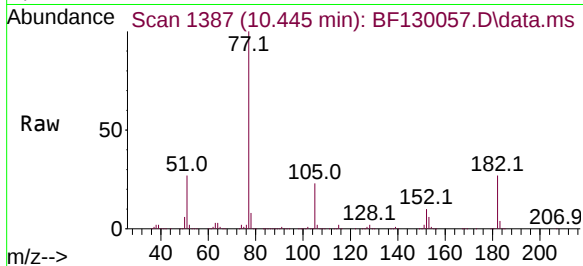


#63  
Azobenzene  
Concen: 37.591 ng  
RT: 10.445 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

Tgt Ion: 77 Resp: 1266995

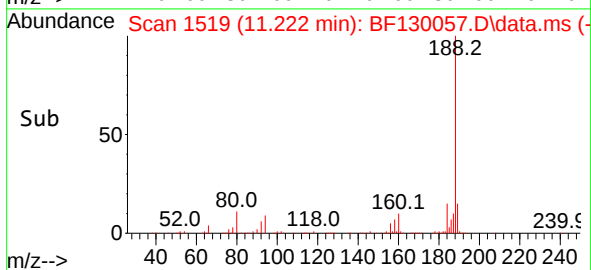
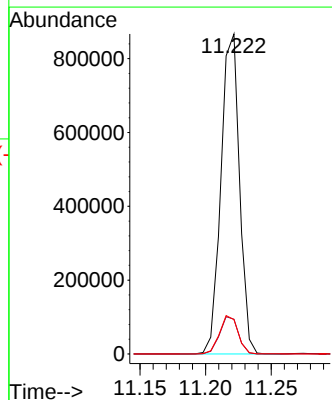
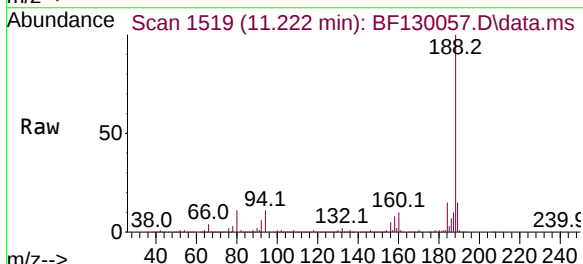
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.3  | 2.2   | 42.2  |
| 105 | 23.3  | 0.8   | 40.8  |
| 51  | 27.3  | 10.3  | 50.3  |

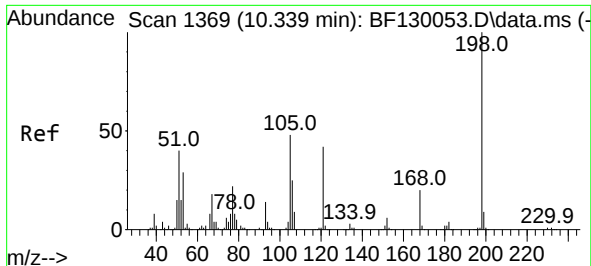


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.222 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion: 188 Resp: 851172

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.9  | 7.4   | 11.2  |
| 80  | 10.8  | 7.9   | 11.9  |

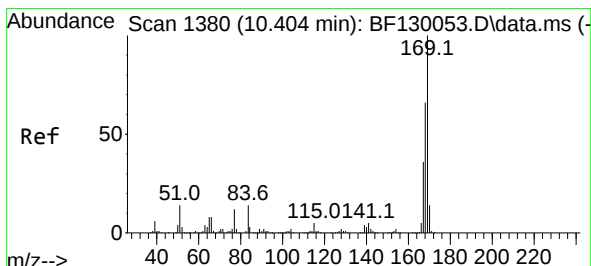
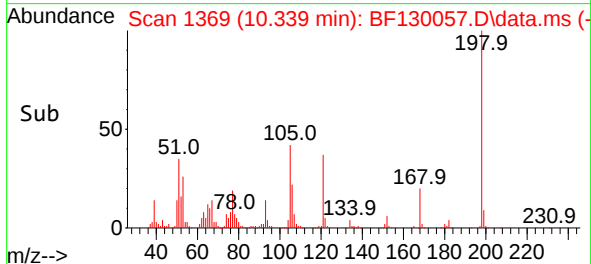
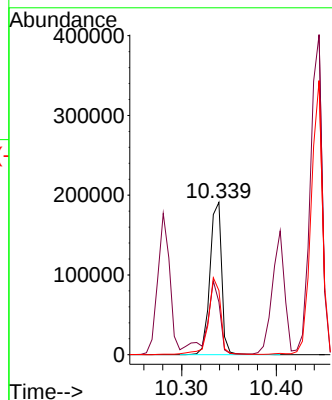
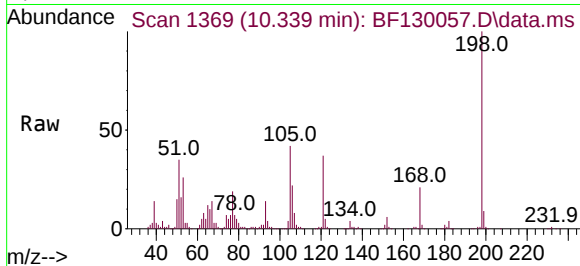




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.662 ng  
RT: 10.339 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

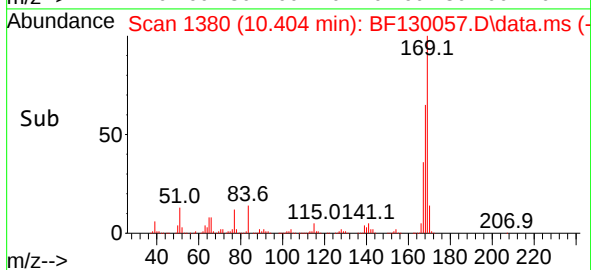
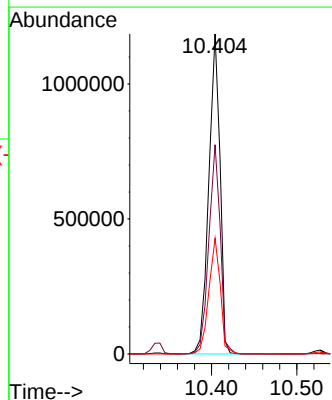
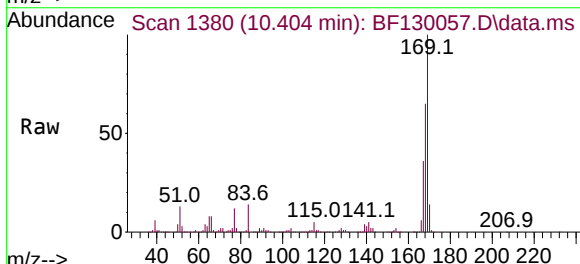
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

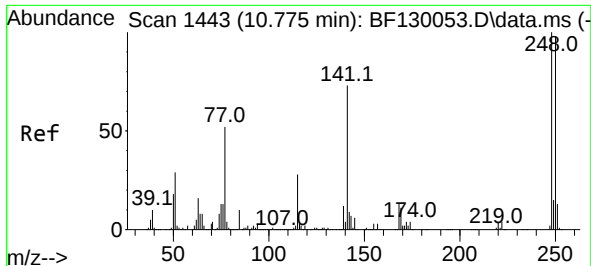
Tgt Ion:198 Resp: 163263  
Ion Ratio Lower Upper  
198 100  
51 34.5 29.4 69.4  
105 42.1 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 37.971 ng  
RT: 10.404 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:169 Resp: 1080435  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.4 80.2  
167 36.2 29.1 43.7

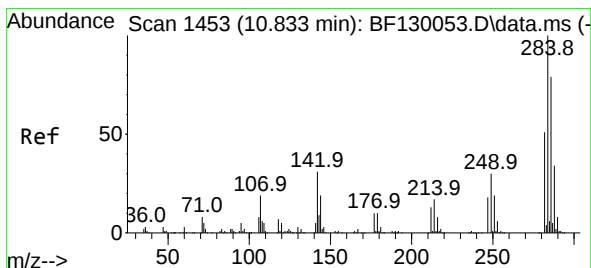
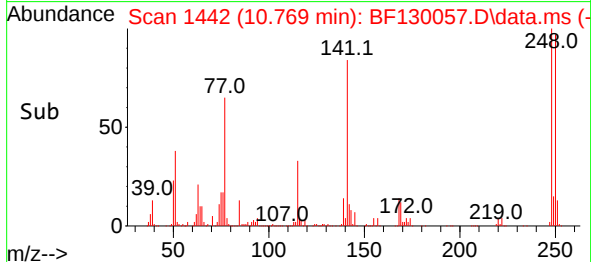
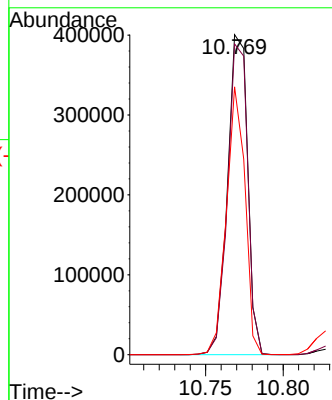
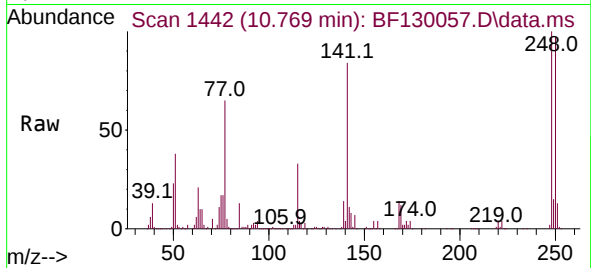




#67  
4-Bromophenyl-phenylether  
Concen: 38.348 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

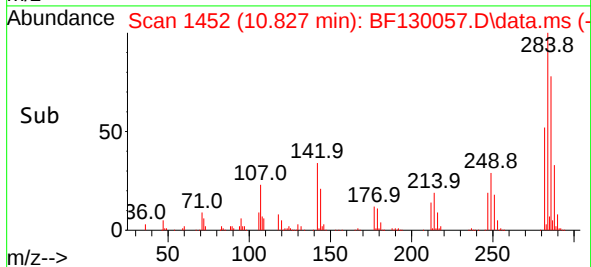
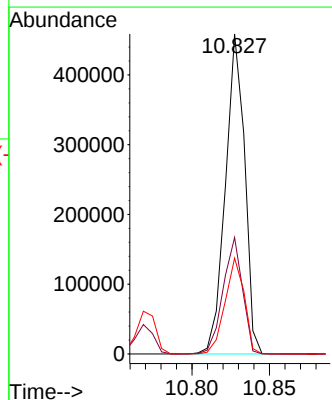
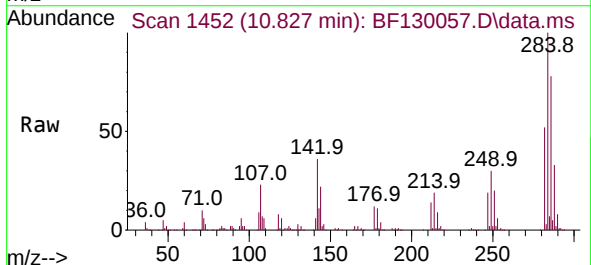
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

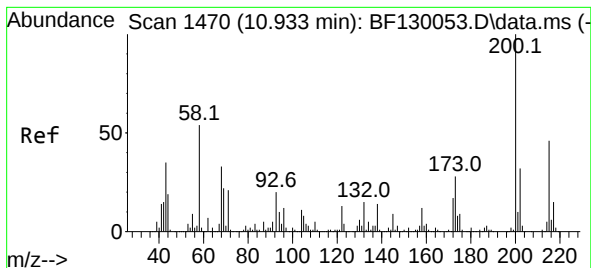
Tgt Ion:248 Resp: 363067  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.8 116.6  
141 83.7 66.2 99.2



#68  
Hexachlorobenzene  
Concen: 38.419 ng  
RT: 10.827 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:284 Resp: 396333  
Ion Ratio Lower Upper  
284 100  
142 36.4 31.4 47.0  
249 30.0 25.7 38.5





#69

Atrazine

Concen: 39.579 ng

RT: 10.933 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

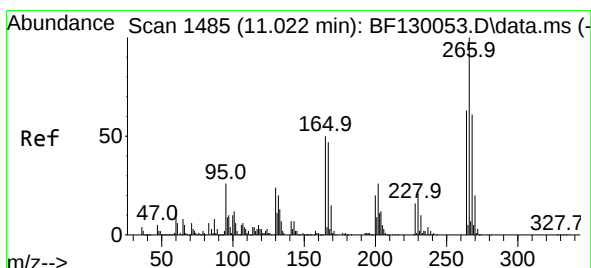
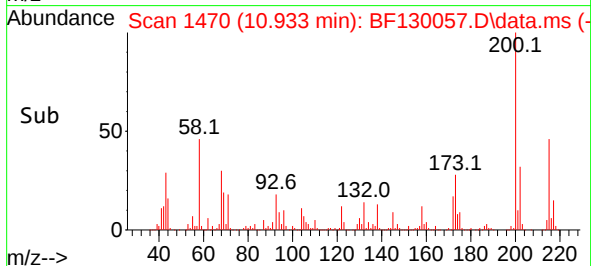
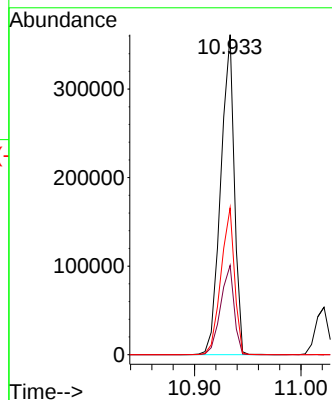
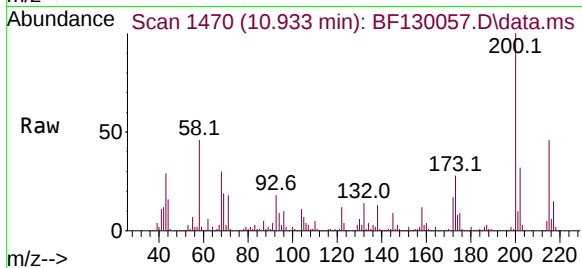
Tgt Ion:200 Resp: 318603

Ion Ratio Lower Upper

200 100

173 27.9 6.4 46.4

215 45.9 27.1 67.1



#70

Pentachlorophenol

Concen: 41.577 ng

RT: 11.022 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

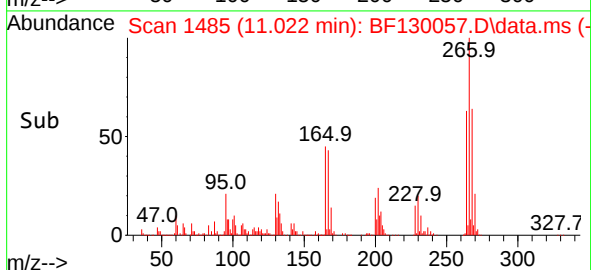
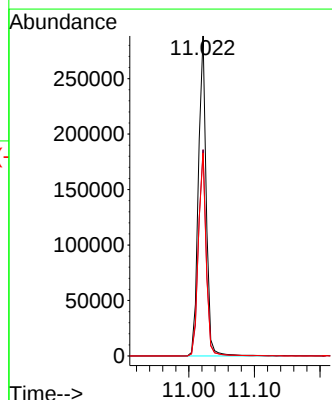
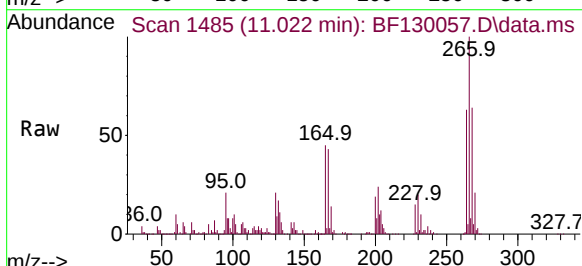
Tgt Ion:266 Resp: 239847

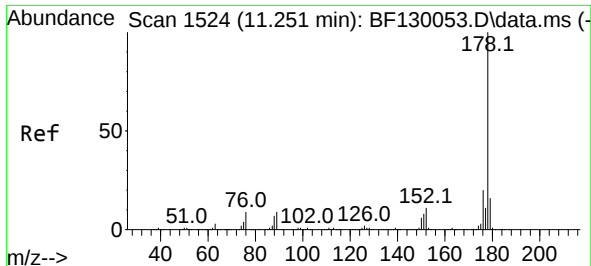
Ion Ratio Lower Upper

266 100

268 64.5 49.0 73.4

264 63.5 47.9 71.9

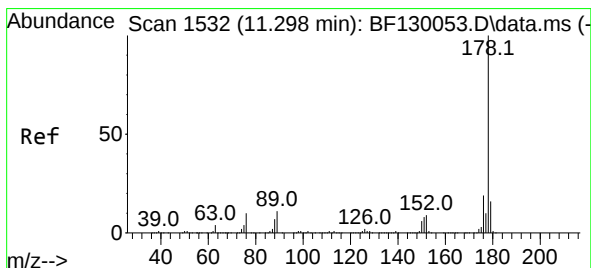
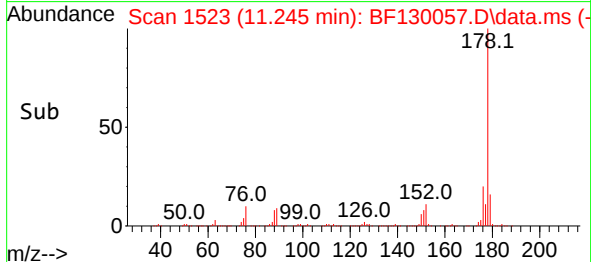
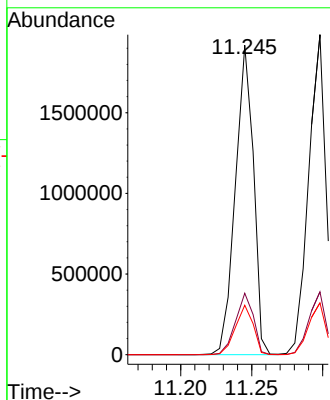
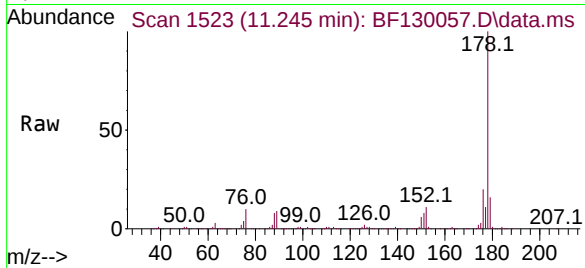




#71  
Phenanthrene  
Concen: 37.001 ng  
RT: 11.245 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

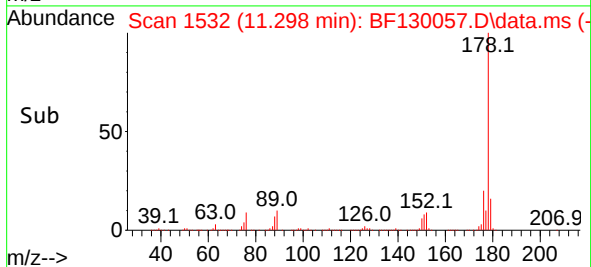
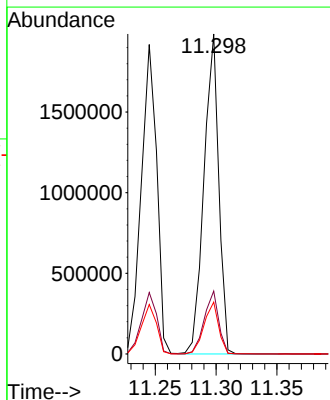
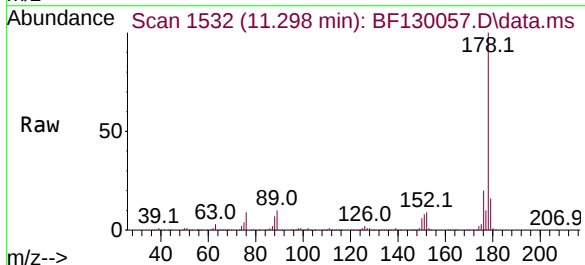
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

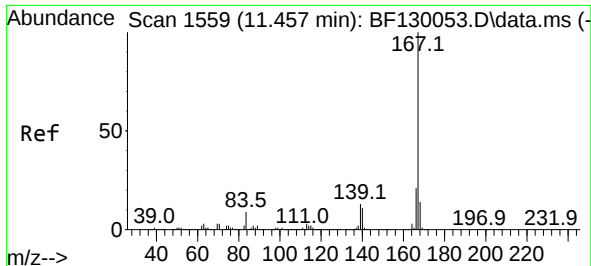
Tgt Ion:178 Resp: 1707995  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.5 23.3  
179 16.0 12.5 18.7



#72  
Anthracene  
Concen: 37.033 ng  
RT: 11.298 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:178 Resp: 1680469  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.1 22.7  
179 16.2 12.6 18.8

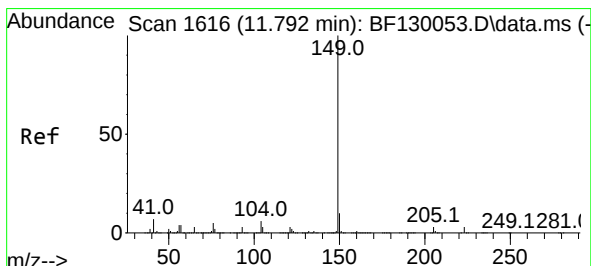
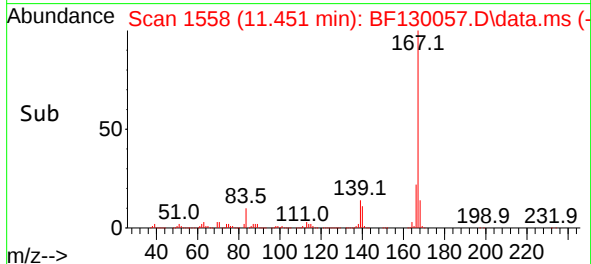
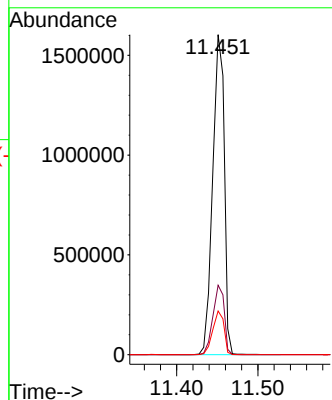
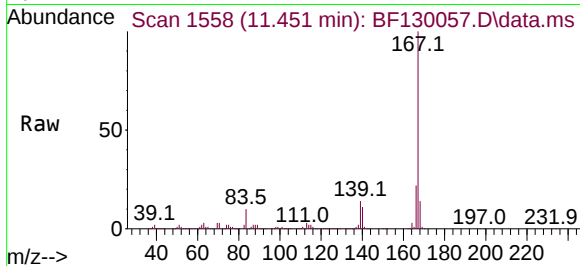




#73  
Carbazole  
Concen: 37.818 ng  
RT: 11.451 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

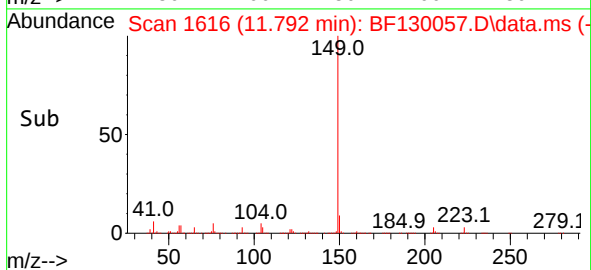
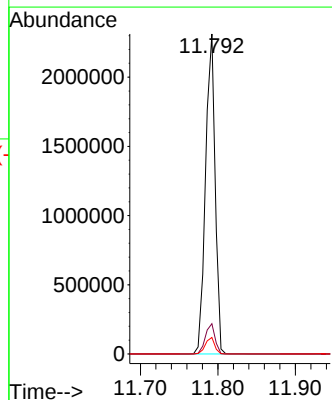
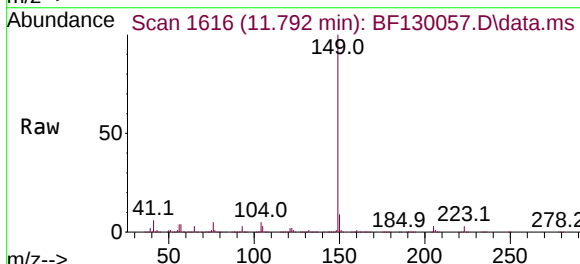
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BNA\_F  
ClientSampleId :  
ICVBF083122

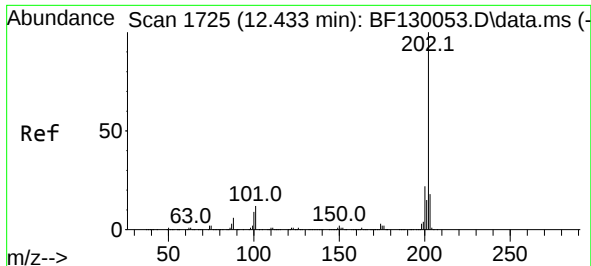
Tgt Ion:167 Resp: 1582489  
Ion Ratio Lower Upper  
167 100  
166 21.7 17.1 25.7  
139 13.7 11.0 16.6



#74  
Di-n-butylphthalate  
Concen: 39.418 ng  
RT: 11.792 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:149 Resp: 1988977  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.6  
104 5.1 4.2 6.4

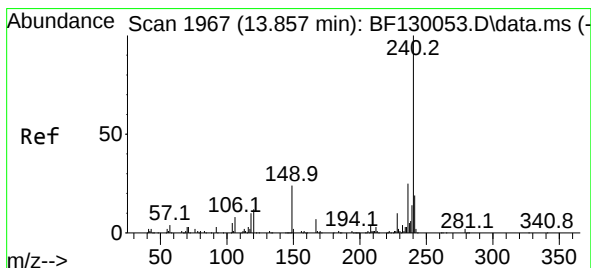
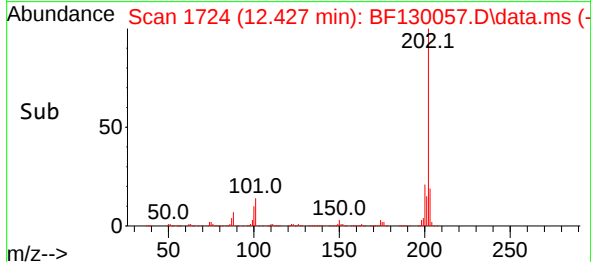
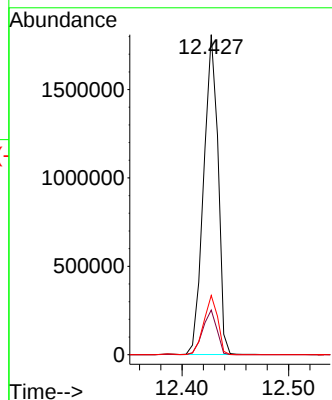
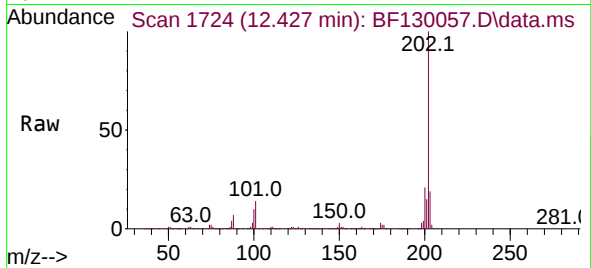




#75  
Fluoranthene  
Concen: 37.093 ng  
RT: 12.427 min Scan# 1724  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

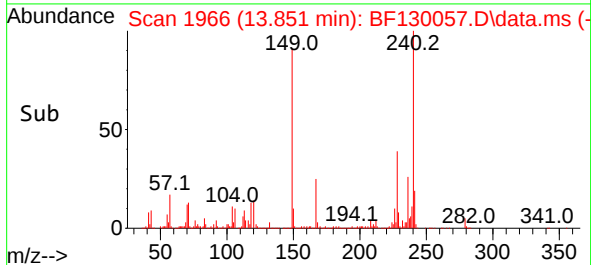
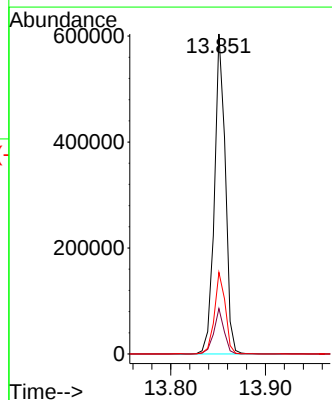
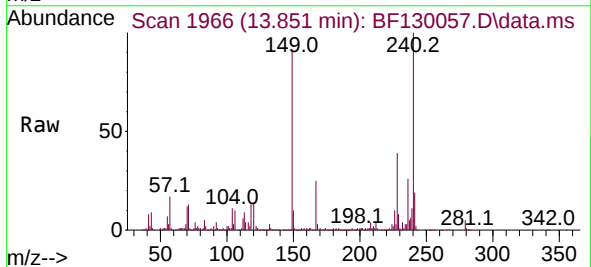
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

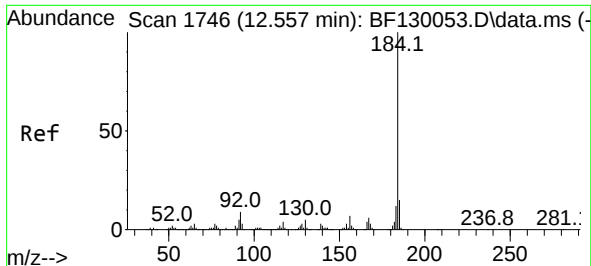
Tgt Ion:202 Resp: 1697892  
Ion Ratio Lower Upper  
202 100  
101 14.0 0.0 30.7  
203 18.5 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:240 Resp: 479528  
Ion Ratio Lower Upper  
240 100  
120 14.2 9.2 13.8#  
236 25.5 20.7 31.1

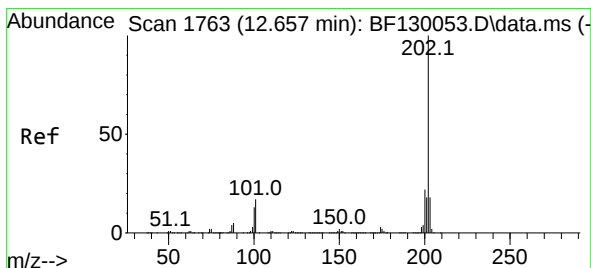
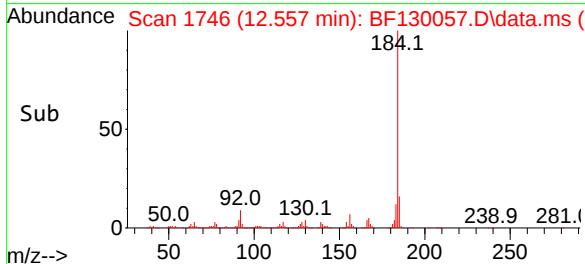
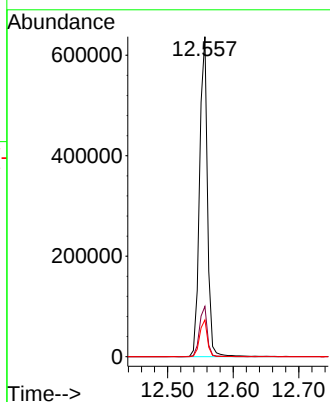
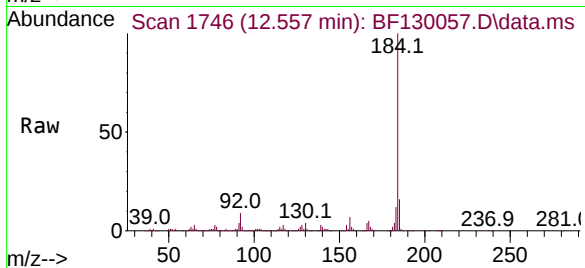




#77  
Benzidine  
Concen: 41.157 ng  
RT: 12.557 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

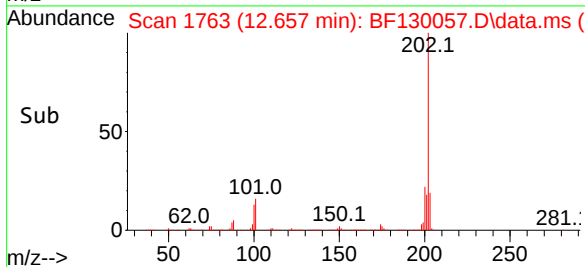
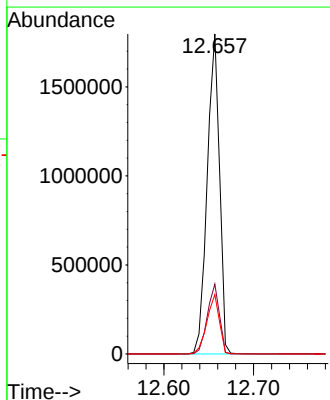
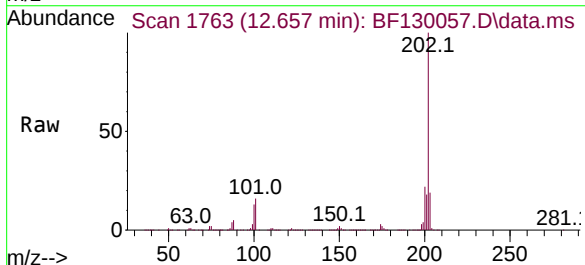
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

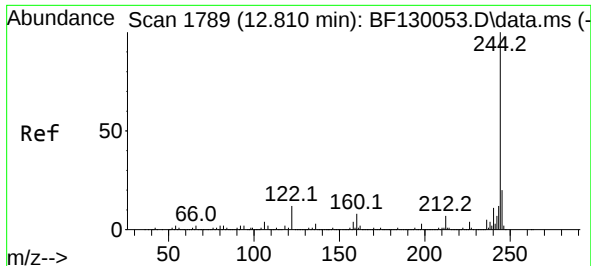
Tgt Ion:184 Resp: 532856  
Ion Ratio Lower Upper  
184 100  
185 15.7 11.4 17.2  
183 11.5 9.4 14.2



#78  
Pyrene  
Concen: 39.641 ng  
RT: 12.657 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:202 Resp: 1704997  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.6  
203 18.6 14.1 21.1



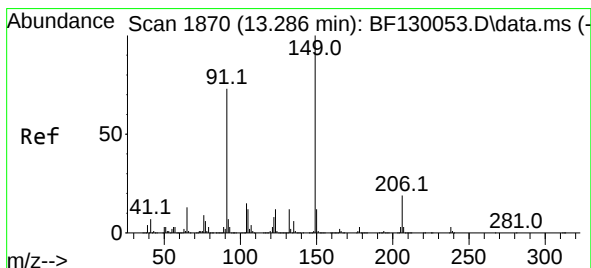
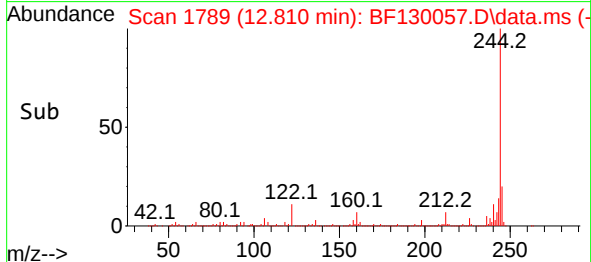
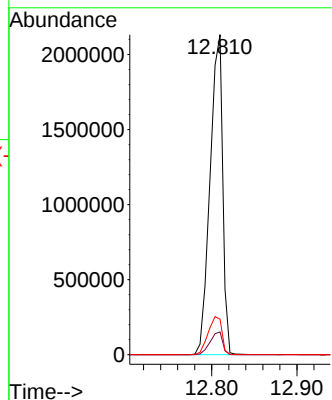
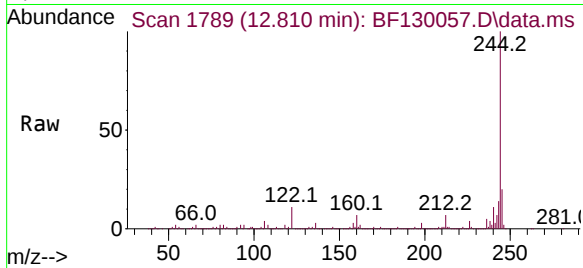


#79  
 Terphenyl-d14  
 Concen: 79.562 ng  
 RT: 12.810 min Scan# 1789  
 Delta R.T. 0.000 min  
 Lab File: BF130057.D  
 Acq: 31 Aug 2022 17:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF083122

Tgt Ion:244 Resp: 2200074  

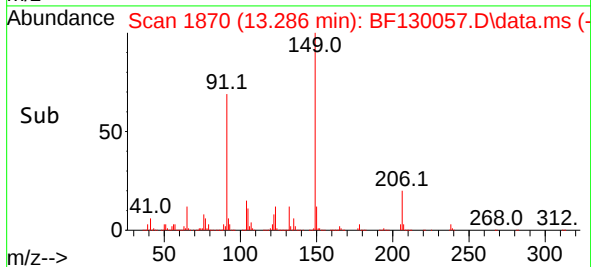
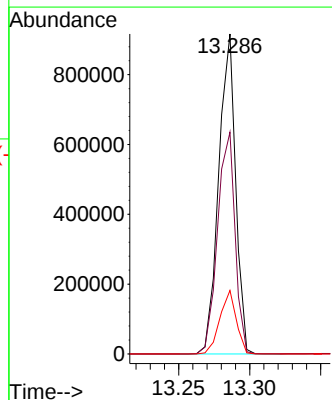
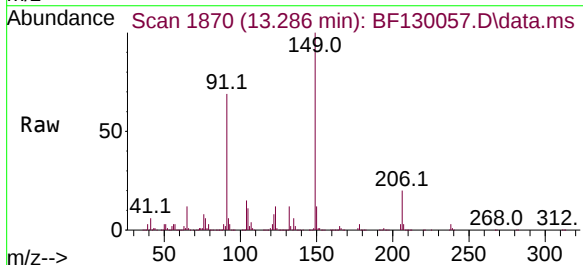
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.9   | 8.9   |
| 122 | 11.1  | 9.9   | 14.9  |

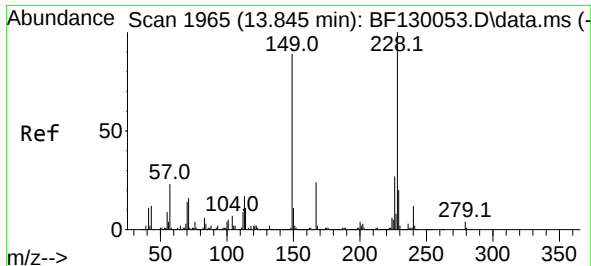


#80  
 Butylbenzylphthalate  
 Concen: 44.351 ng  
 RT: 13.286 min Scan# 1870  
 Delta R.T. 0.000 min  
 Lab File: BF130057.D  
 Acq: 31 Aug 2022 17:49

Tgt Ion:149 Resp: 758752  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 69.3  | 55.4  | 83.0  |
| 206 | 19.9  | 15.8  | 23.6  |

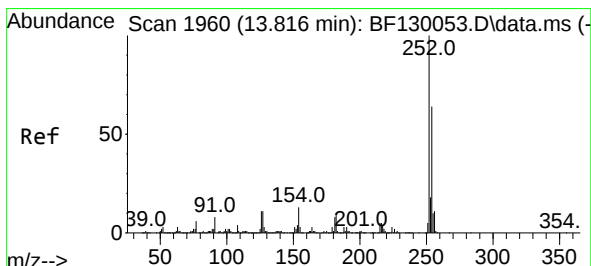
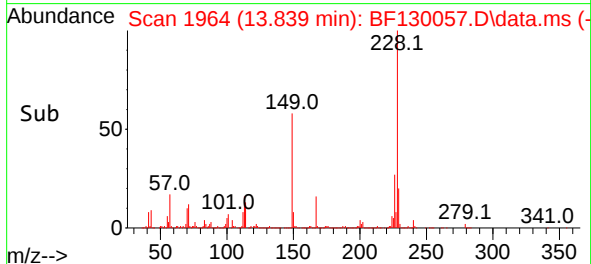
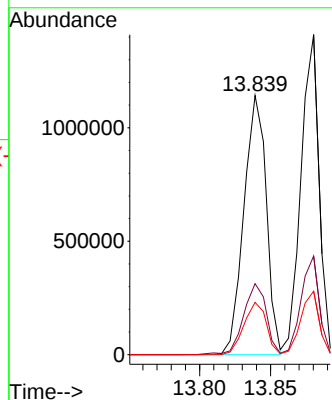
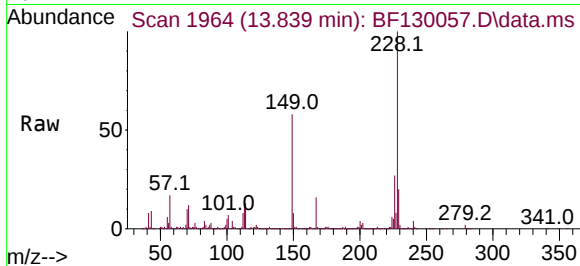




#81  
Benzo(a)anthracene  
Concen: 38.212 ng  
RT: 13.839 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

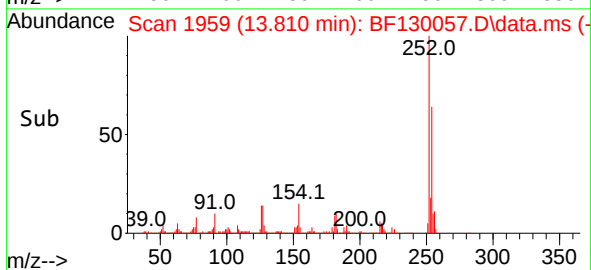
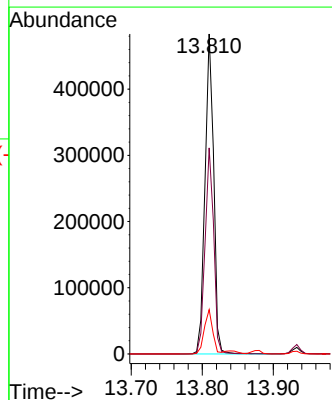
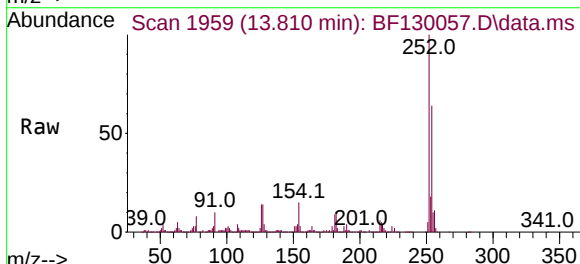
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

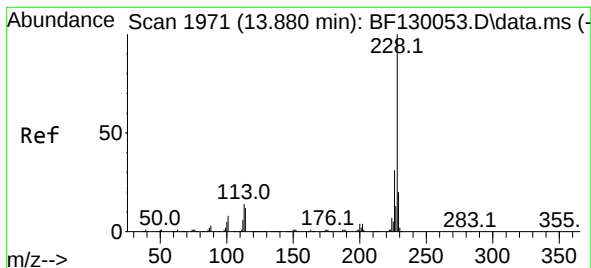
Tgt Ion:228 Resp: 1255734  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.4 32.0  
229 20.2 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 40.093 ng  
RT: 13.810 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:252 Resp: 410877  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.4 77.2  
126 13.9 10.2 15.4





#83

Chrysene

Concen: 38.695 ng

RT: 13.880 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

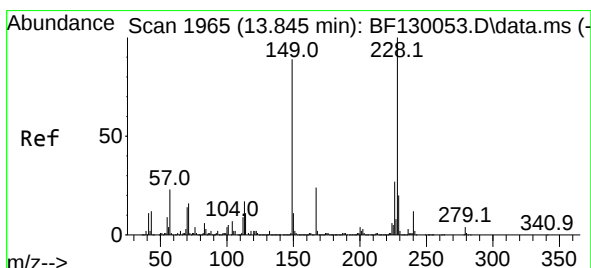
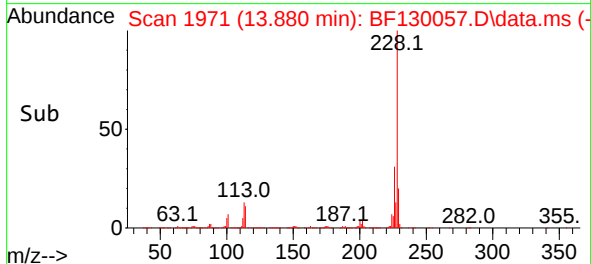
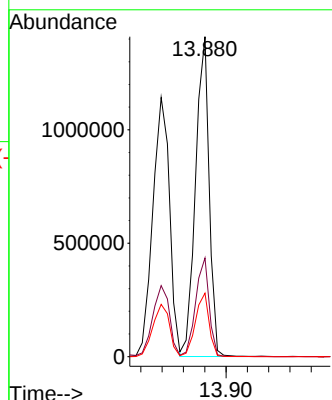
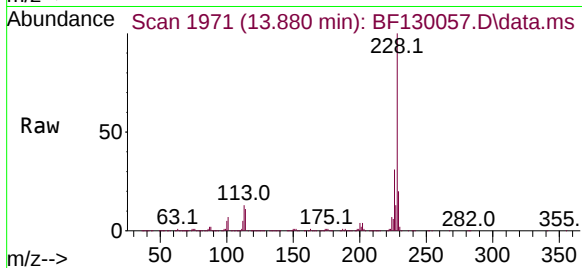
Tgt Ion:228 Resp: 1253682

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.788 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

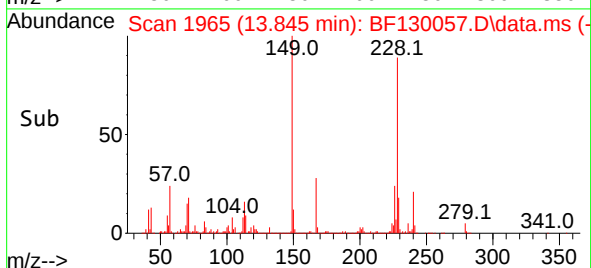
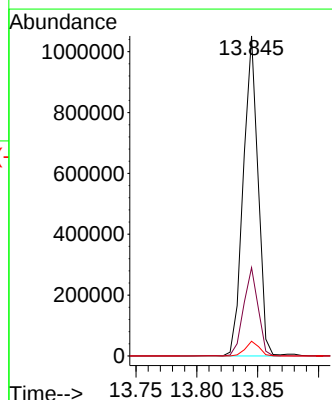
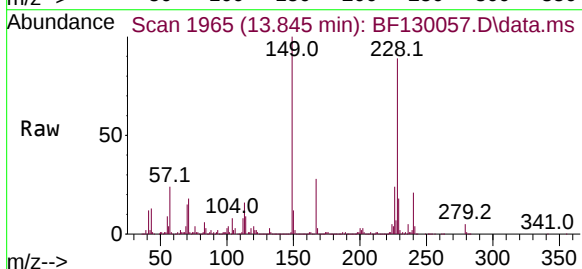
Tgt Ion:149 Resp: 888627

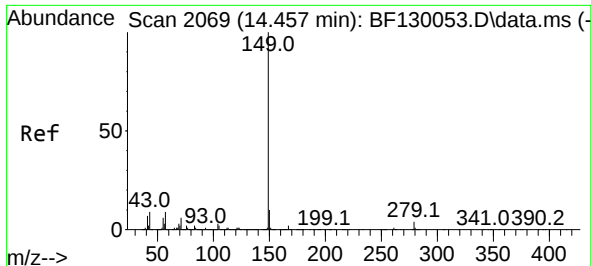
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 4.6 3.6 5.4

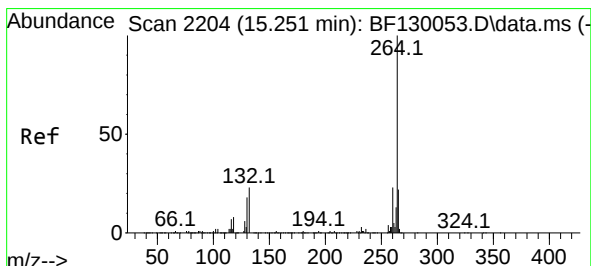
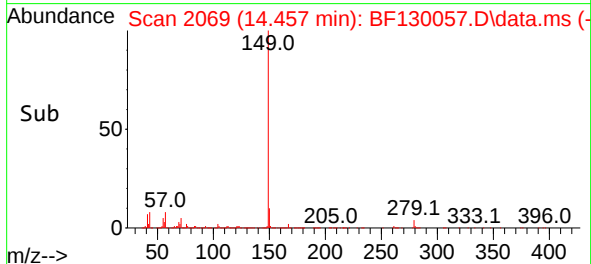
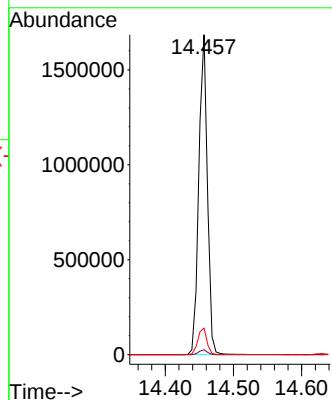
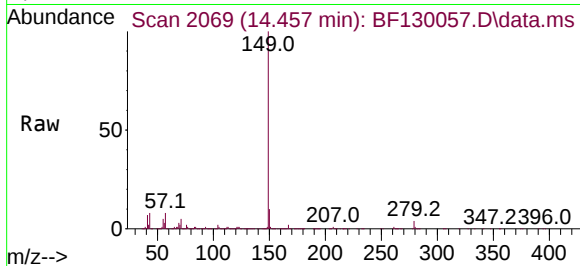




#85  
Di-n-octyl phthalate  
Concen: 43.874 ng  
RT: 14.457 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

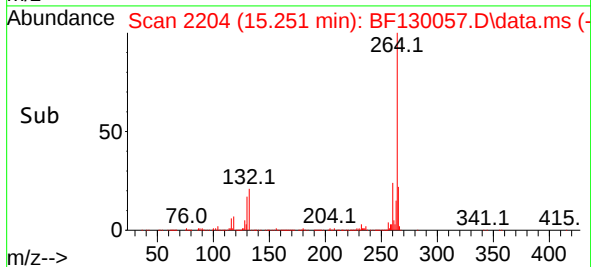
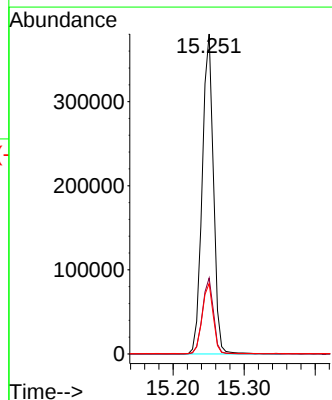
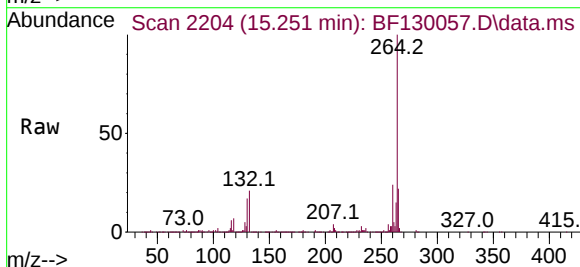
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

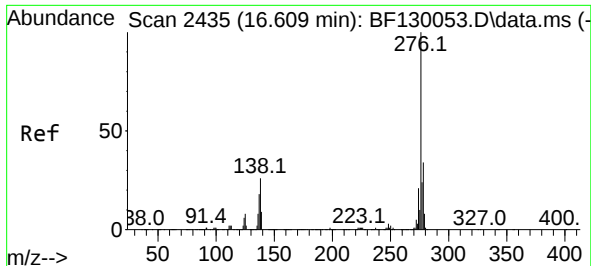
Tgt Ion:149 Resp: 1473738  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.8 7.8 11.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.251 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:264 Resp: 419197  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.1 28.7  
265 22.0 16.7 25.1

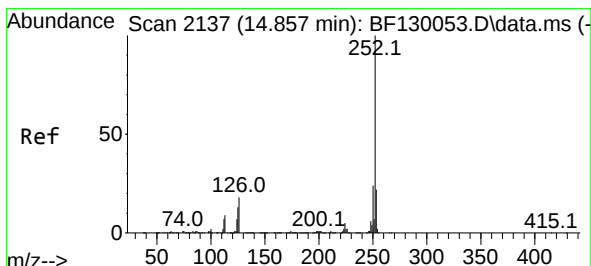
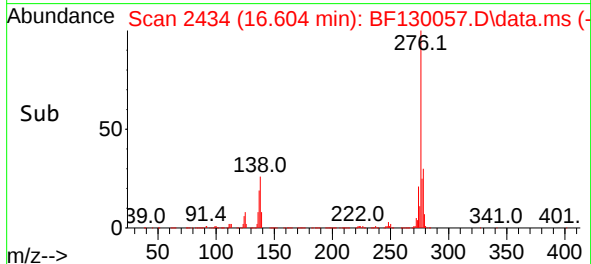
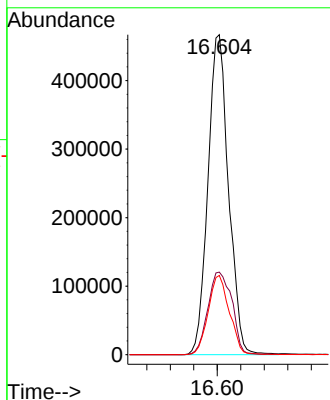
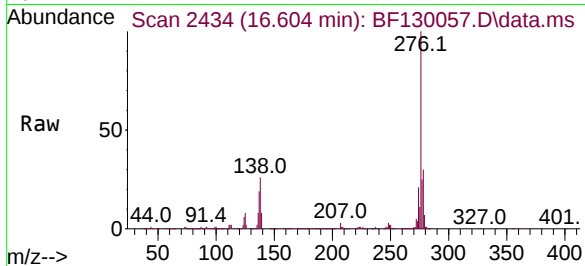




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.104 ng  
 RT: 16.604 min Scan# 2435  
 Delta R.T. -0.006 min  
 Lab File: BF130057.D  
 Acq: 31 Aug 2022 17:49

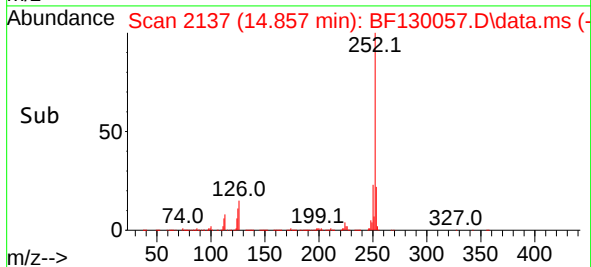
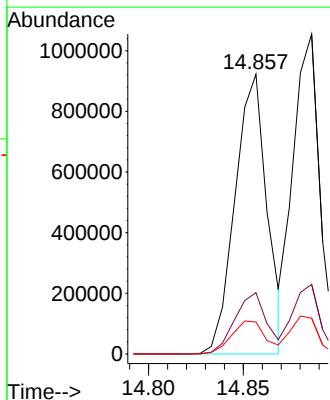
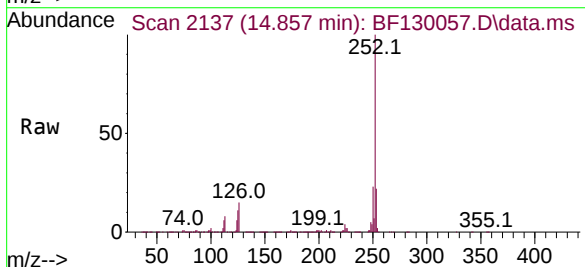
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF083122

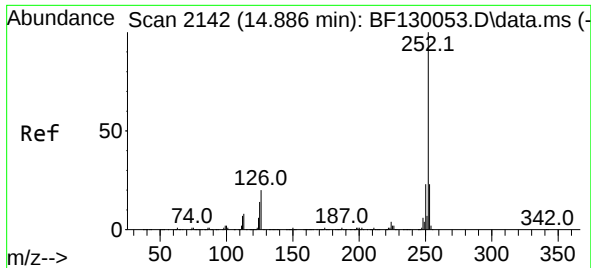
Tgt Ion:276 Resp: 1136621  
 Ion Ratio Lower Upper  
 276 100  
 138 30.2 19.8 29.8#  
 277 25.5 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 38.832 ng  
 RT: 14.857 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: BF130057.D  
 Acq: 31 Aug 2022 17:49

Tgt Ion:252 Resp: 1085547  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.5 26.3  
 125 11.4 8.3 12.5

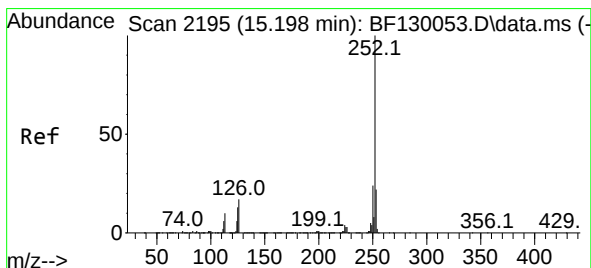
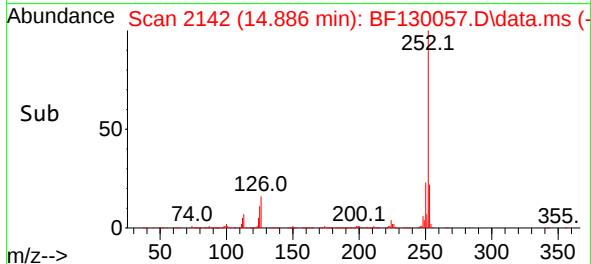
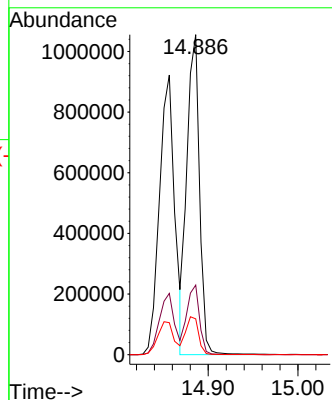
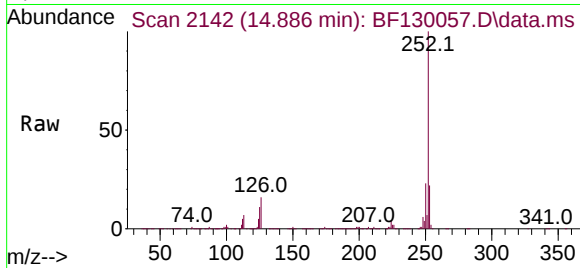




#89  
Benzo(k)fluoranthene  
Concen: 38.063 ng  
RT: 14.886 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

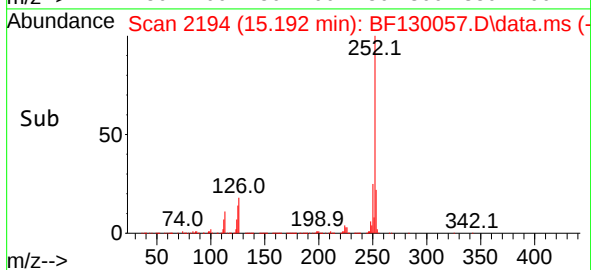
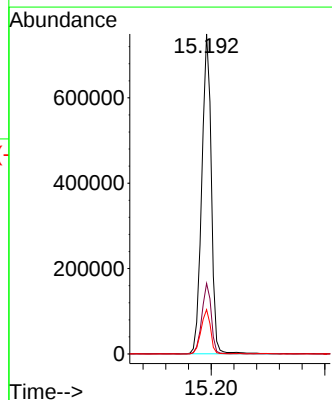
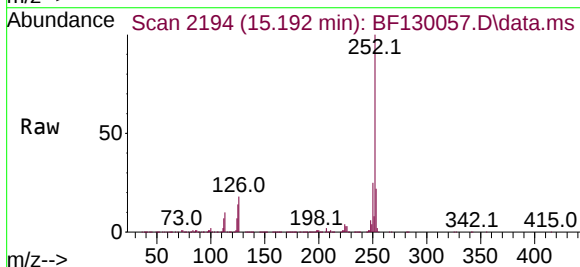
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF083122

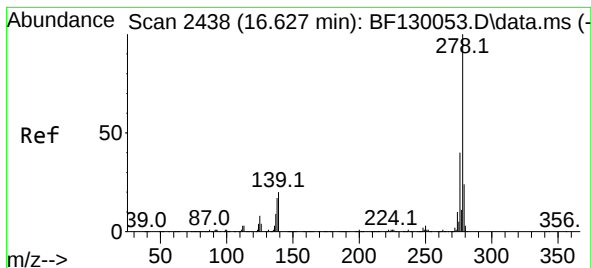
Tgt Ion:252 Resp: 1029098  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 11.2 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 39.290 ng  
RT: 15.192 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF130057.D  
Acq: 31 Aug 2022 17:49

Tgt Ion:252 Resp: 872751  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 13.9 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 41.145 ng

RT: 16.621 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF083122

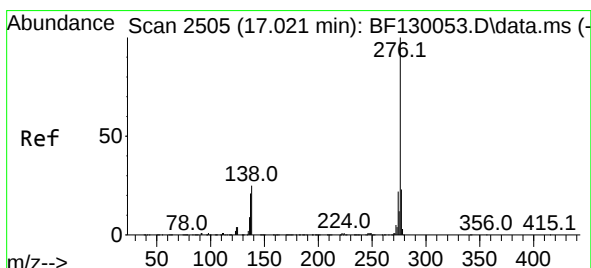
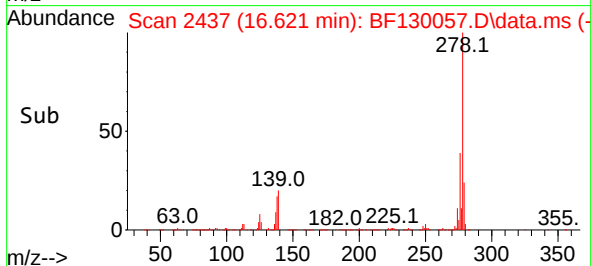
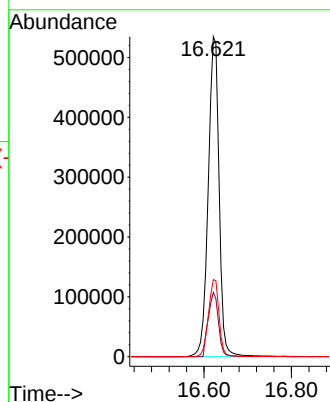
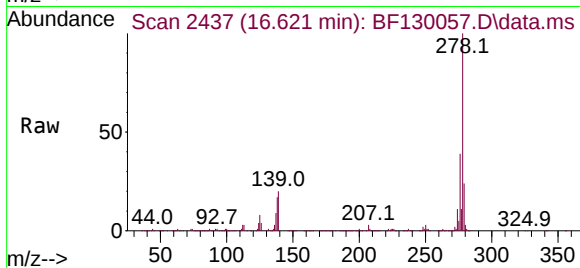
Tgt Ion:278 Resp: 930970

Ion Ratio Lower Upper

278 100

139 20.1 12.2 18.4#

279 24.1 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 41.569 ng

RT: 17.015 min Scan# 2504

Delta R.T. -0.006 min

Lab File: BF130057.D

Acq: 31 Aug 2022 17:49

Tgt Ion:276 Resp: 941061

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 25.2 15.8 23.8#

