

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101822\  
 Data File : BF130694.D  
 Acq On : 18 Oct 2022 12:23  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 18 13:34:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 18 03:15:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.575  | 152  | 98527    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.857  | 136  | 368954   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.610  | 164  | 189798   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.086 | 188  | 324953   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.722 | 240  | 203227   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.098 | 264  | 169272   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.175  | 112  | 464656   | 85.009 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.234  | 99   | 569576   | 82.880 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.151  | 82   | 550108   | 81.394 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.398 | 330  | 152222   | 81.965 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.939  | 172  | 1012889  | 80.837 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.675 | 244  | 1004907  | 82.070 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.122  | 88   | 117441   | 35.514 | ng    | 99       |
| 3) Pyridine                   | 2.787  | 79   | 260257   | 43.997 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 2.752  | 42   | 115760   | 41.535 | ng    | 98       |
| 6) Aniline                    | 6.246  | 93   | 337016   | 40.961 | ng    | # 65     |
| 8) 2-Chlorophenol             | 6.363  | 128  | 265380   | 41.285 | ng    | 98       |
| 9) Benzaldehyde               | 6.128  | 77   | 169469   | 39.250 | ng    | 97       |
| 10) Phenol                    | 6.246  | 94   | 331391   | 41.676 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.322  | 93   | 236535   | 40.951 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.516  | 146  | 290432   | 41.266 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.593  | 146  | 296995   | 41.595 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.745  | 146  | 272091   | 40.918 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.734  | 79   | 209028   | 42.365 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.863  | 45   | 289290   | 38.930 | ng    | 75       |
| 17) 2-Methylphenol            | 6.851  | 107  | 210589   | 41.185 | ng    | 98       |
| 18) Hexachloroethane          | 7.081  | 117  | 110575   | 40.936 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.004  | 70   | 173069   | 39.034 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.010  | 107  | 284612   | 41.539 | ng    | # 83     |
| 22) Acetophenone              | 6.998  | 105  | 350500   | 39.601 | ng    | 95       |
| 24) Nitrobenzene              | 7.169  | 77   | 280021   | 41.199 | ng    | 99       |
| 25) Isophorone                | 7.410  | 82   | 448620   | 39.882 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.487  | 139  | 141804   | 42.544 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.534  | 122  | 191936   | 41.315 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.622  | 93   | 263163   | 40.404 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.734  | 162  | 218628   | 42.063 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.804  | 180  | 232137   | 41.427 | ng    | 98       |
| 31) Naphthalene               | 7.881  | 128  | 778298   | 40.751 | ng    | 99       |
| 32) Benzoic acid              | 7.687  | 122  | 101761   | 34.625 | ng    | 94       |
| 33) 4-Chloroaniline           | 7.945  | 127  | 310642   | 41.988 | ng    | 97       |
| 34) Hexachlorobutadiene       | 7.998  | 225  | 141761   | 40.761 | ng    | 98       |
| 35) Caprolactam               | 8.328  | 113  | 67753    | 43.325 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.439  | 107  | 226722   | 40.214 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.569  | 142  | 496221   | 41.287 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.669  | 142  | 480613   | 41.192 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.739  | 216  | 214022   | 41.562 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.722  | 237  | 61190    | 37.180 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 8.857  | 196  | 138616   | 40.091 | ng    | 99       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 18 13:34:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 18 03:15:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.904  | 196  | 149736   | 39.380 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.039  | 154  | 569547   | 41.407 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.057  | 162  | 467942   | 41.625 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.169  | 65   | 145369   | 42.956 | ng    | 94       |
| 49) Acenaphthylene            | 9.469  | 152  | 692474   | 41.111 | ng    | 100      |
| 50) Dimethylphthalate         | 9.345  | 163  | 532827   | 40.555 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.410  | 165  | 120026   | 41.647 | ng    | 95       |
| 52) Acenaphthene              | 9.639  | 154  | 422559   | 41.406 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.581  | 138  | 137476   | 43.517 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.698  | 184  | 48722    | 36.087 | ng    | # 92     |
| 55) Dibenzofuran              | 9.816  | 168  | 635403   | 40.871 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.769  | 139  | 61976    | 35.580 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 155975   | 42.110 | ng    | 93       |
| 58) Fluorene                  | 10.157 | 166  | 517478   | 40.487 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 9.939  | 232  | 119981   | 39.580 | ng    | 97       |
| 60) Diethylphthalate          | 10.039 | 149  | 511286   | 39.003 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.151 | 204  | 229476   | 39.712 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.198 | 138  | 130100   | 43.134 | ng    | 93       |
| 63) Azobenzene                | 10.310 | 77   | 486589   | 39.410 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.228 | 198  | 86635    | 42.662 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.275 | 169  | 434082   | 40.158 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 149643   | 40.699 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.698 | 284  | 172962   | 41.614 | ng    | 98       |
| 69) Atrazine                  | 10.804 | 200  | 127199   | 43.215 | ng    | 98       |
| 70) Pentachlorophenol         | 10.910 | 266  | 55419    | 34.259 | ng    | 97       |
| 71) Phenanthrene              | 11.116 | 178  | 738015   | 40.993 | ng    | 99       |
| 72) Anthracene                | 11.169 | 178  | 719454   | 40.918 | ng    | 99       |
| 73) Carbazole                 | 11.328 | 167  | 661437   | 42.158 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.657 | 149  | 757177   | 39.840 | ng    | 100      |
| 75) Fluoranthene              | 12.298 | 202  | 744341   | 43.017 | ng    | 98       |
| 77) Benzidine                 | 12.427 | 184  | 149413   | 29.087 | ng    | 99       |
| 78) Pyrene                    | 12.522 | 202  | 756087   | 43.125 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.151 | 149  | 283161   | 42.001 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.710 | 228  | 549477   | 40.126 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.680 | 252  | 163912   | 41.422 | ng    | 98       |
| 83) Chrysene                  | 13.745 | 228  | 531694   | 40.952 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.710 | 149  | 319144   | 39.048 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.316 | 149  | 434847   | 34.740 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.392 | 276  | 527831   | 41.662 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.716 | 252  | 469180   | 43.772 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.745 | 252  | 406234   | 37.221 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.045 | 252  | 364092   | 40.813 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.398 | 278  | 431096   | 41.511 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 16.780 | 276  | 440185   | 45.509 | ng    | 97       |

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

**Instrument :**

BNA F

**ClientSampleId :**

SSTDCCC040

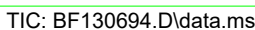
Quant Time: Oct 18 13:34:55 2022

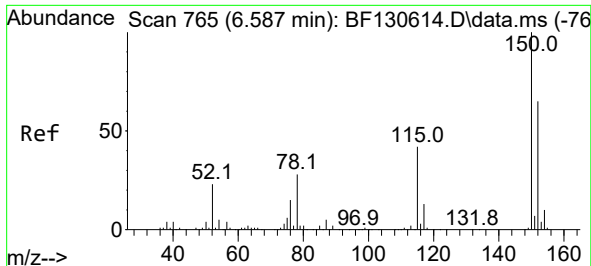
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 18 03:15:54 2022

Response via : Initial Calibration

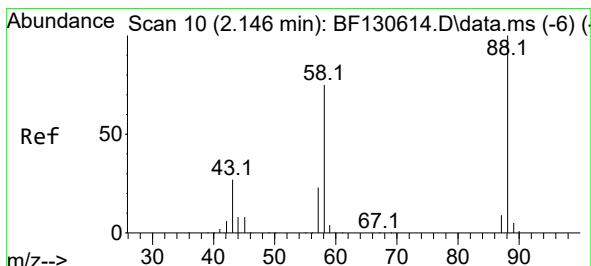
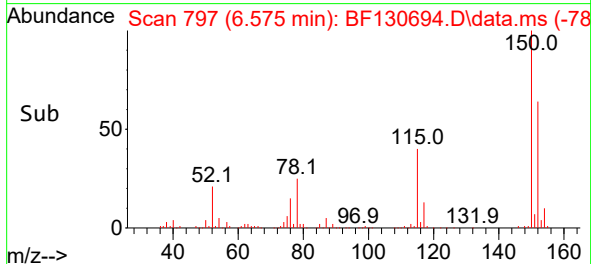
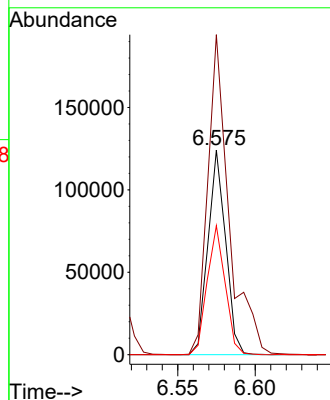
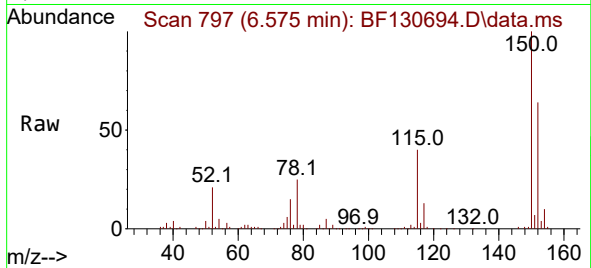




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

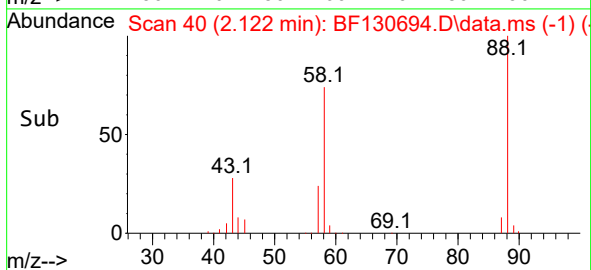
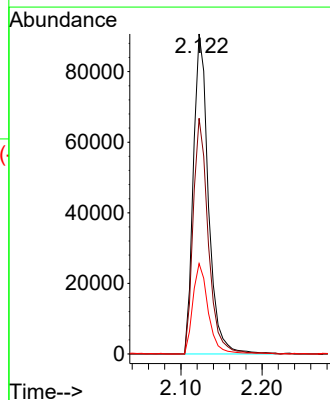
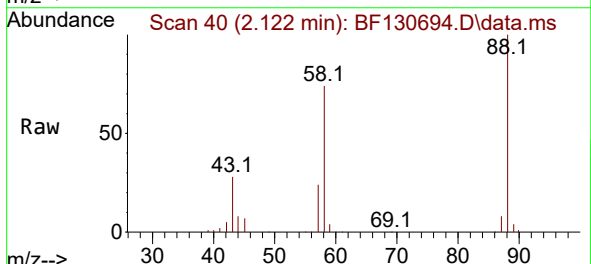
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

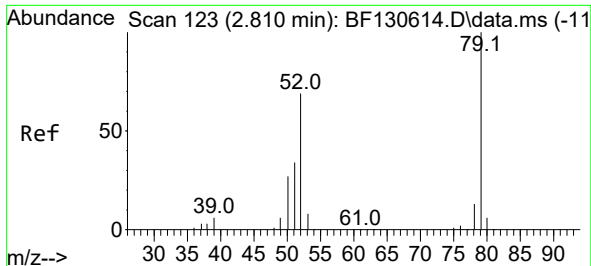
Tgt Ion:152 Resp: 98527  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.8 185.6  
115 63.1 52.2 78.4



#2  
1,4-Dioxane  
Concen: 35.514 ng  
RT: 2.122 min Scan# 40  
Delta R.T. -0.012 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 88 Resp: 117441  
Ion Ratio Lower Upper  
88 100  
58 73.8 58.8 88.2  
43 28.9 22.2 33.4

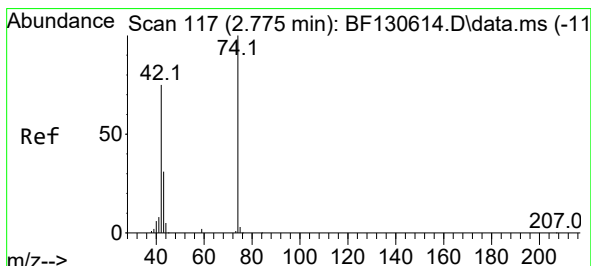
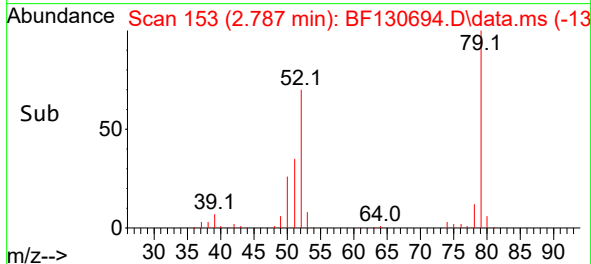
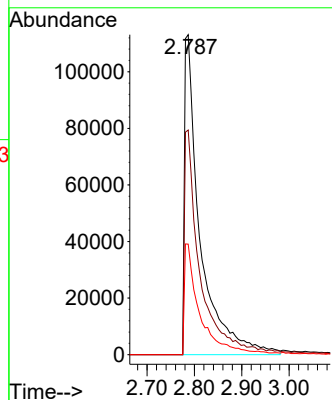
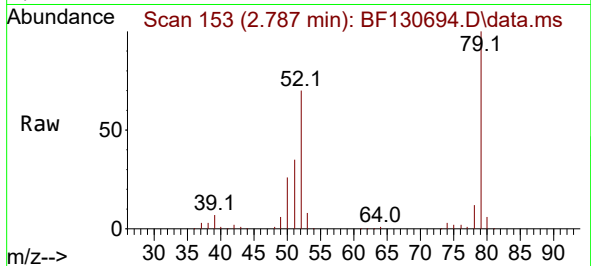




#3  
Pyridine  
Concen: 43.997 ng  
RT: 2.787 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

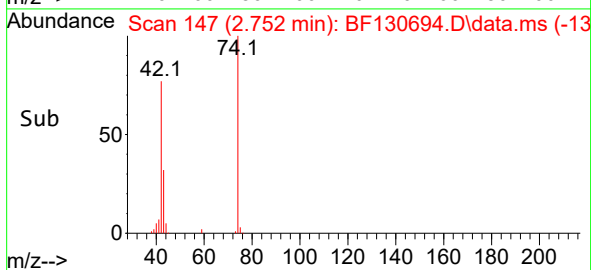
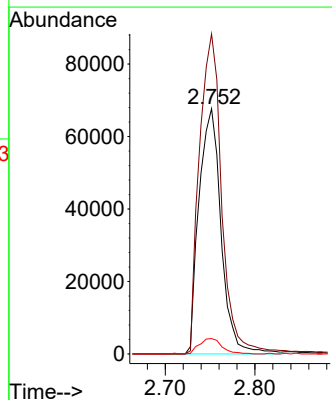
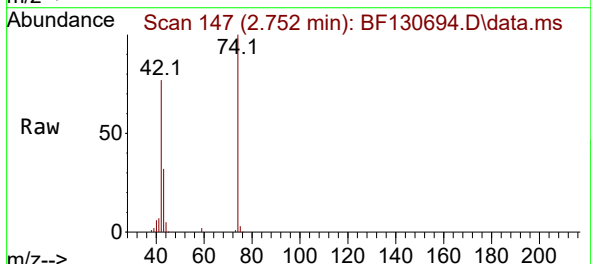
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

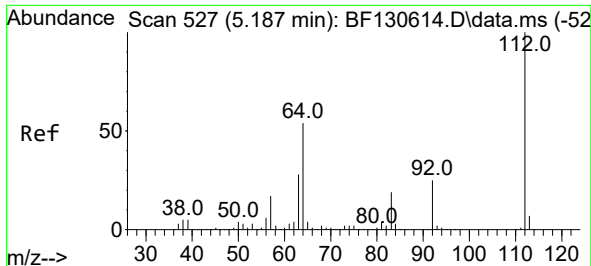
Tgt Ion: 79 Resp: 260257  
Ion Ratio Lower Upper  
79 100  
52 70.2 54.8 82.2  
51 34.5 27.4 41.2



#4  
n-Nitrosodimethylamine  
Concen: 41.535 ng  
RT: 2.752 min Scan# 147  
Delta R.T. -0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 42 Resp: 115760  
Ion Ratio Lower Upper  
42 100  
74 130.4 106.2 159.2  
44 6.2 5.0 7.4

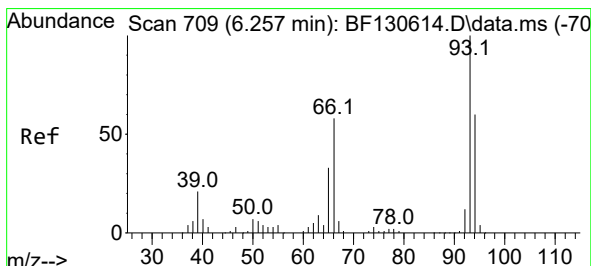
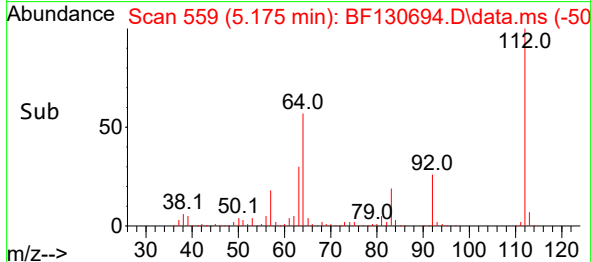
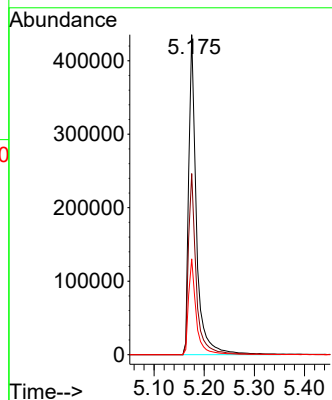
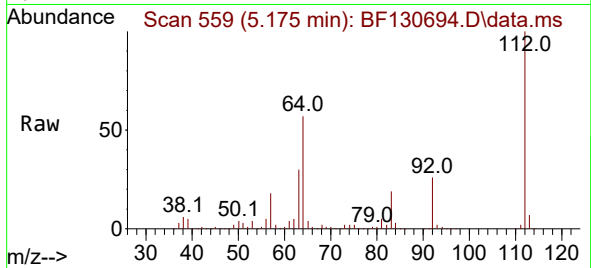




#5  
2-Fluorophenol  
Concen: 85.009 ng  
RT: 5.175 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

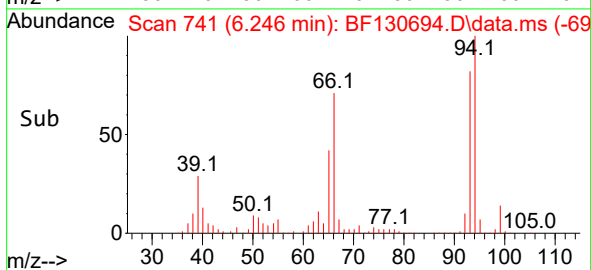
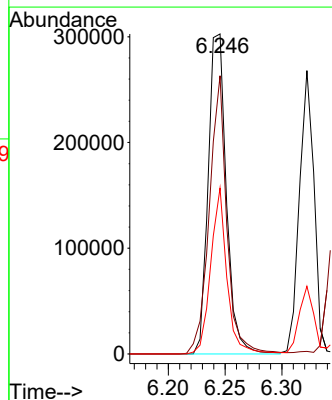
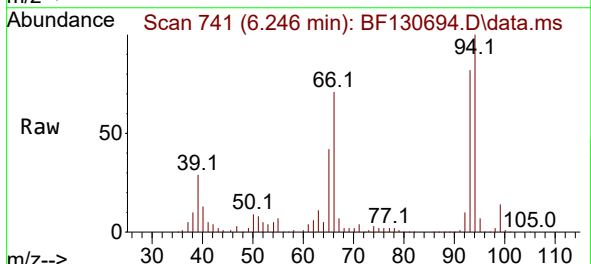
Instrument :  
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ClientSampleId :  
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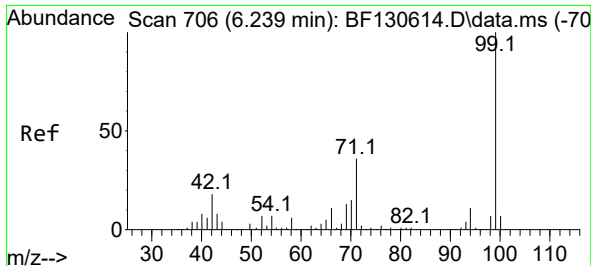
Tgt Ion:112 Resp: 464656  
Ion Ratio Lower Upper  
112 100  
64 56.6 43.5 65.3  
63 30.0 22.6 34.0



#6  
Aniline  
Concen: 40.961 ng  
RT: 6.246 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 93 Resp: 337016  
Ion Ratio Lower Upper  
93 100  
66 87.0 47.4 71.0#  
65 51.8 26.6 40.0#

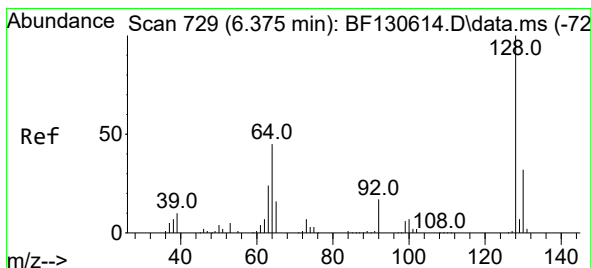
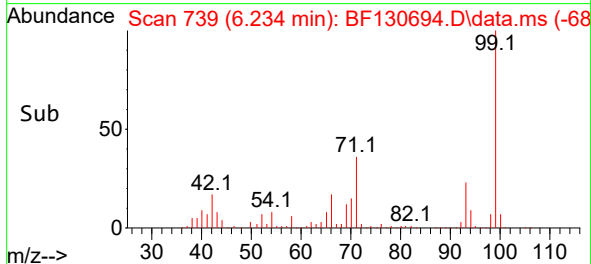
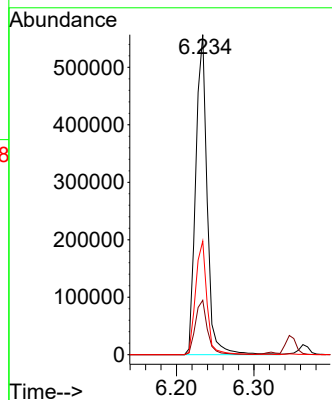
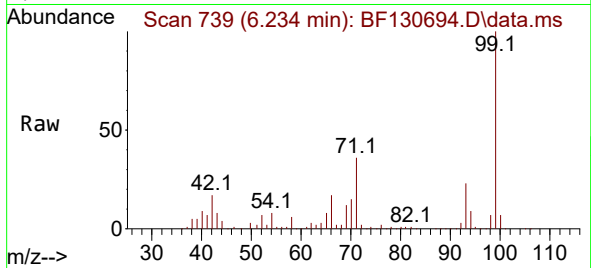




#7  
Phenol-d6  
Concen: 82.880 ng  
RT: 6.234 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

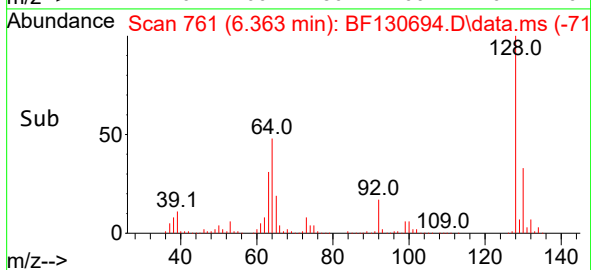
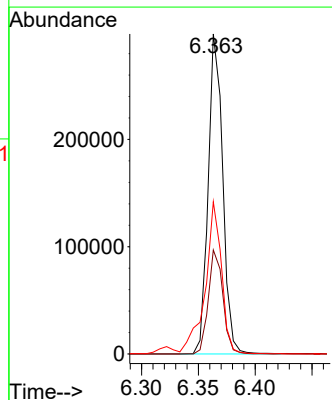
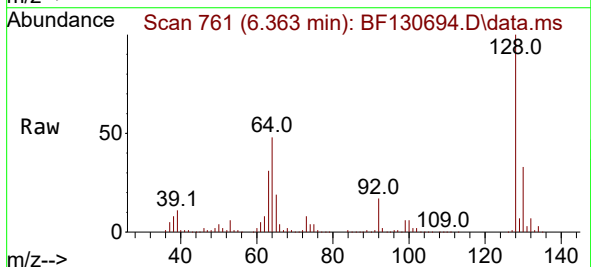
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

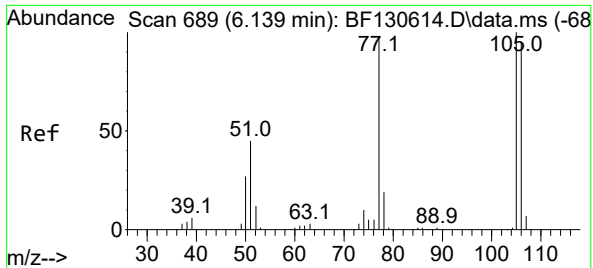
Tgt Ion: 99 Resp: 569576  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.0 21.0  
71 35.5 28.8 43.2



#8  
2-Chlorophenol  
Concen: 41.285 ng  
RT: 6.363 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 128 Resp: 265380  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.4 52.4  
64 47.5 25.9 65.9



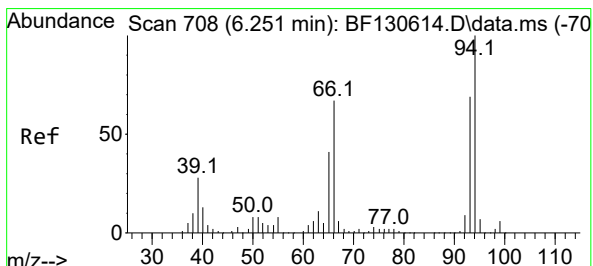
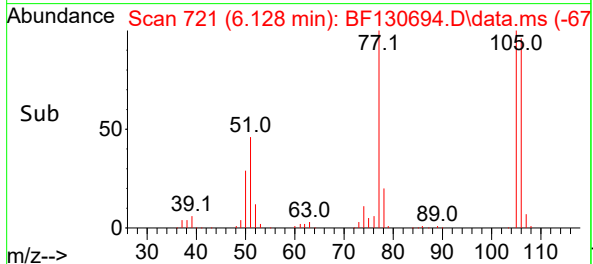
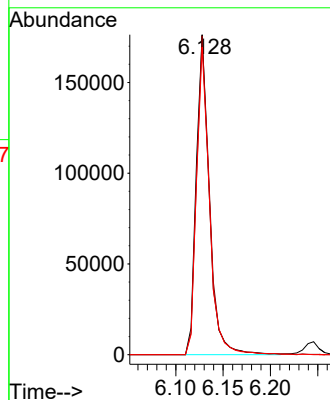
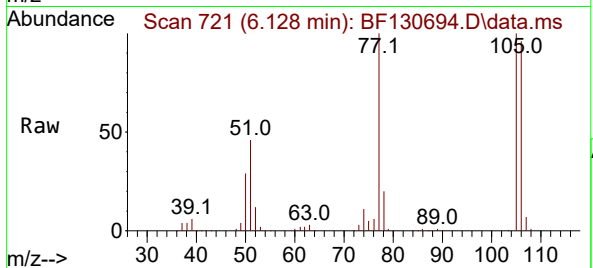


#9  
Benzaldehyde  
Concen: 39.250 ng  
RT: 6.128 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 169469

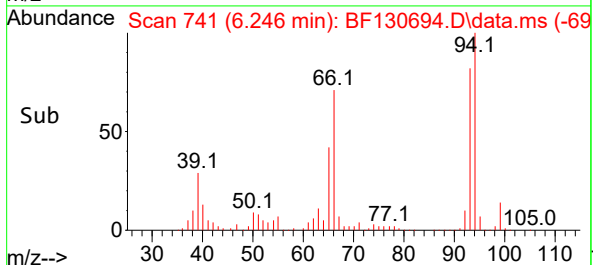
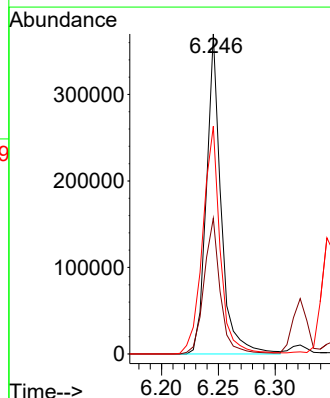
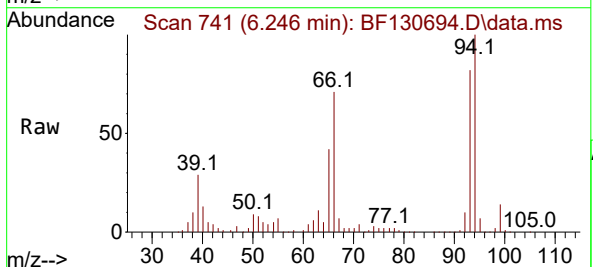
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 99.7  | 83.0  | 123.0 |
| 106 | 96.1  | 77.8  | 117.8 |

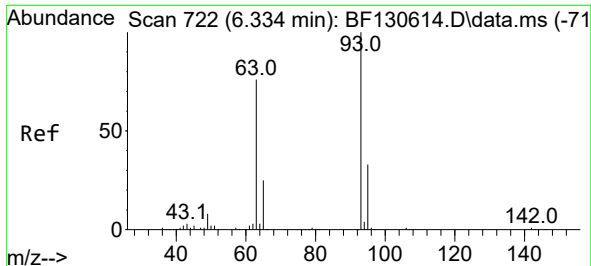


#10  
Phenol  
Concen: 41.676 ng  
RT: 6.246 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 94 Resp: 331391

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 42.4  | 21.2  | 61.2  |
| 66  | 71.2  | 46.9  | 86.9  |

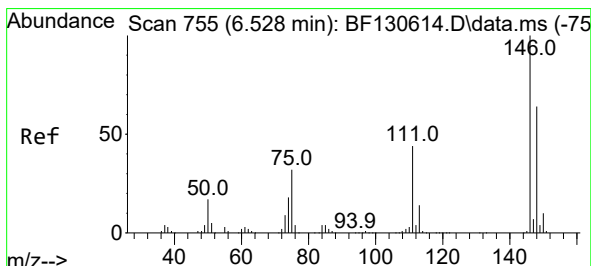
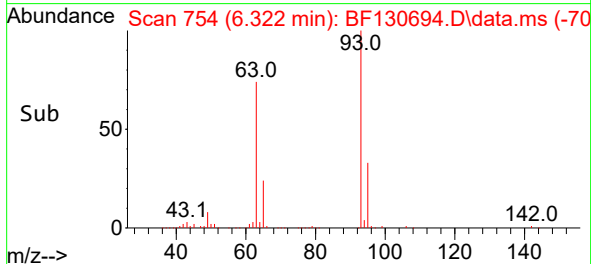
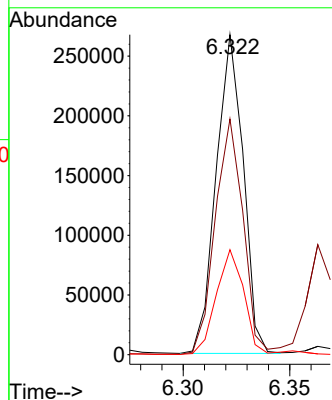
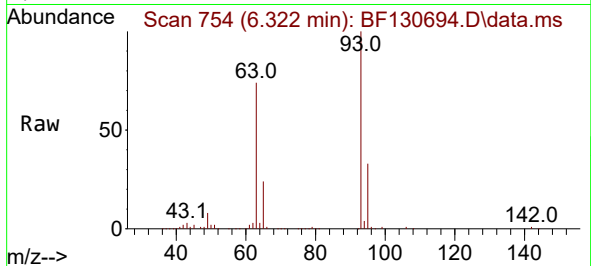




#11  
bis(2-Chloroethyl)ether  
Concen: 40.951 ng  
RT: 6.322 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

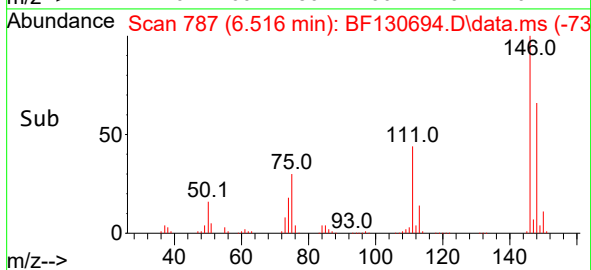
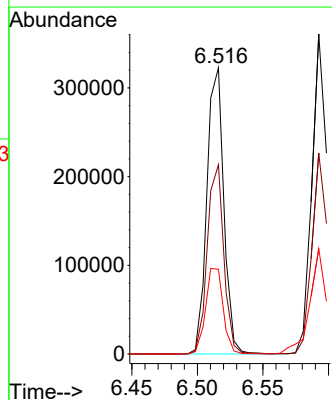
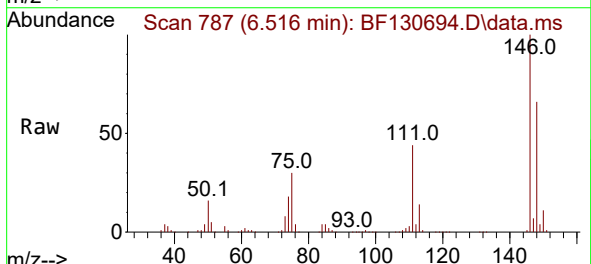
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

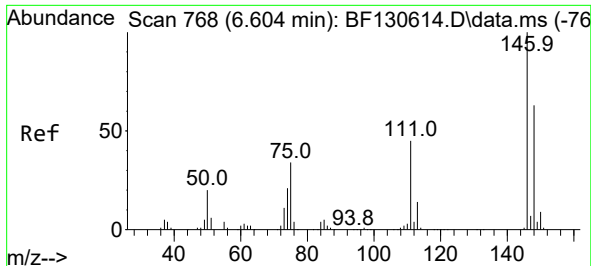
Tgt Ion: 93 Resp: 236535  
Ion Ratio Lower Upper  
93 100  
63 73.6 56.1 96.1  
95 32.8 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 41.266 ng  
RT: 6.516 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:146 Resp: 290432  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.3 76.9  
75 29.6 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 41.595 ng

RT: 6.593 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

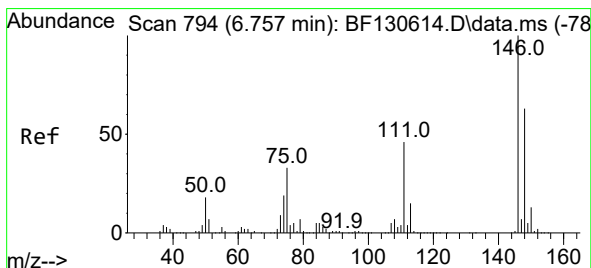
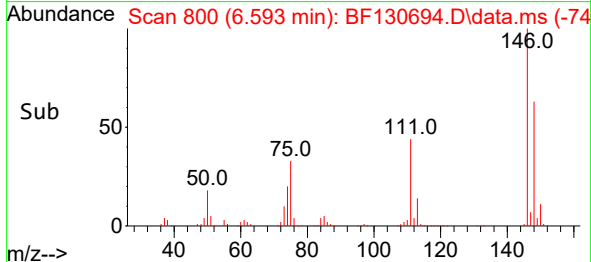
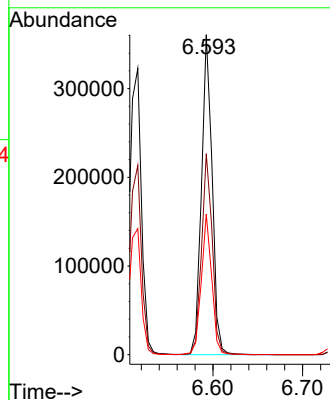
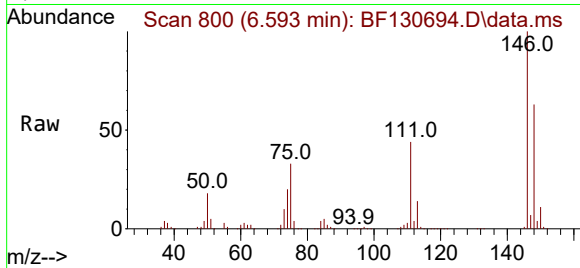
Tgt Ion:146 Resp: 296995

Ion Ratio Lower Upper

146 100

148 62.8 50.1 75.1

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.918 ng

RT: 6.745 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

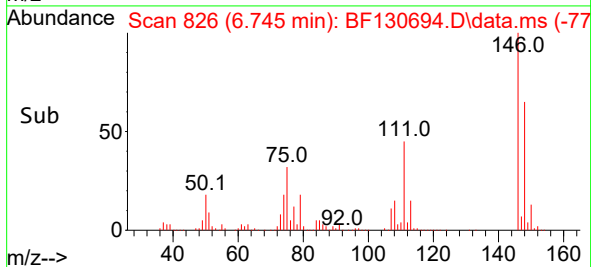
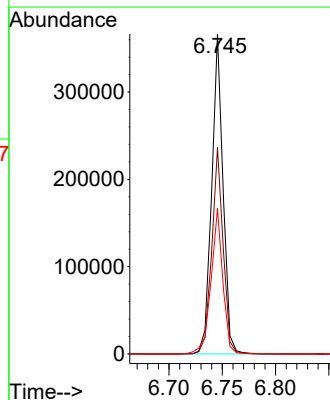
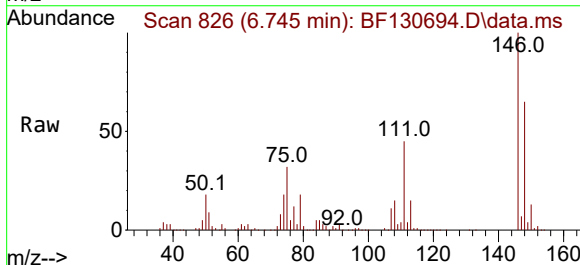
Tgt Ion:146 Resp: 272091

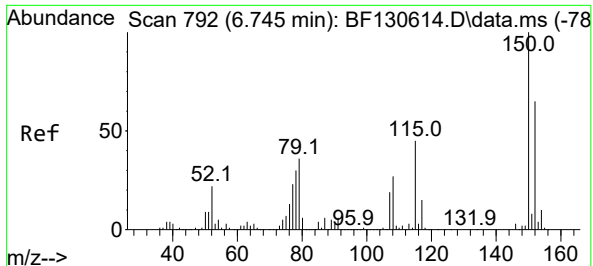
Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

111 45.5 37.2 55.8





#15

Benzyl Alcohol

Concen: 42.365 ng

RT: 6.734 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

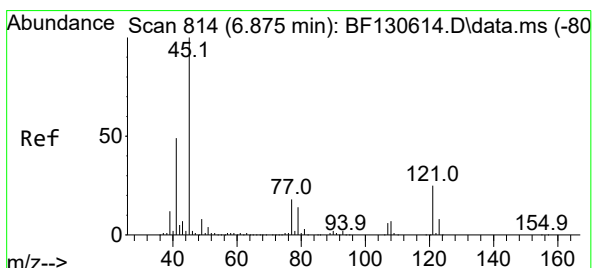
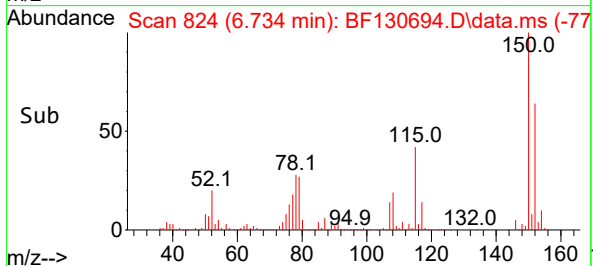
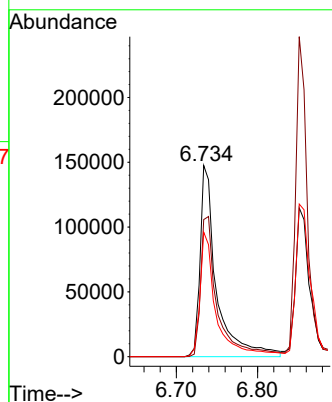
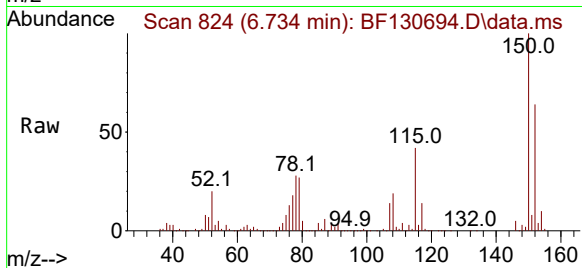
Tgt Ion: 79 Resp: 209028

Ion Ratio Lower Upper

79 100

108 71.8 59.7 89.5

77 65.1 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.930 ng

RT: 6.863 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

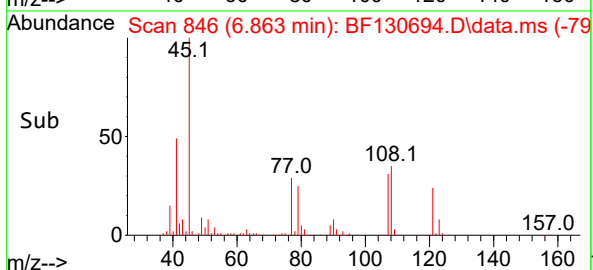
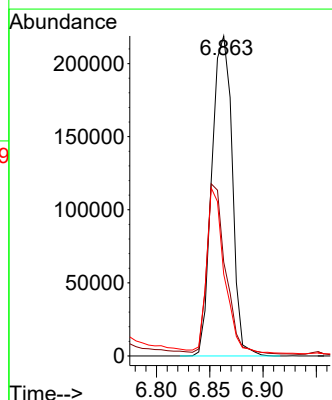
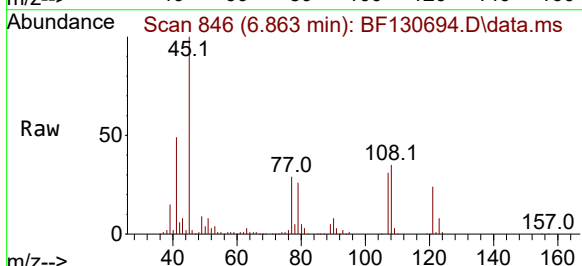
Tgt Ion: 45 Resp: 289290

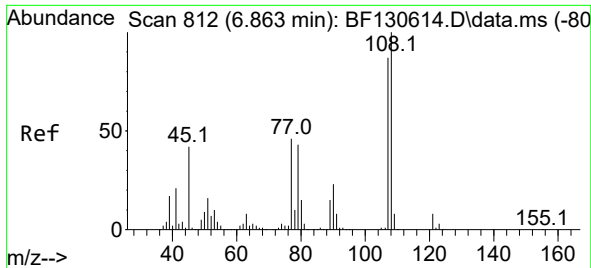
Ion Ratio Lower Upper

45 100

77 29.3 0.0 38.7

79 25.6 0.0 34.6

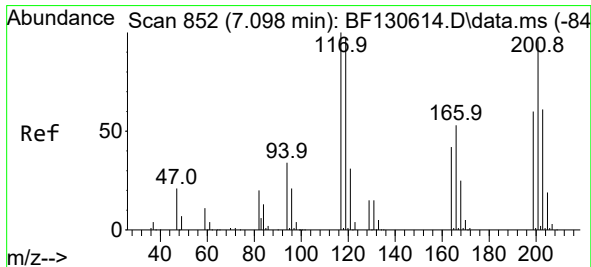
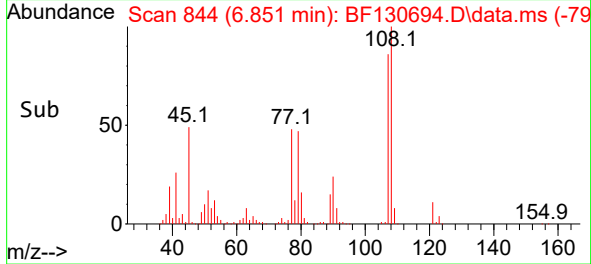
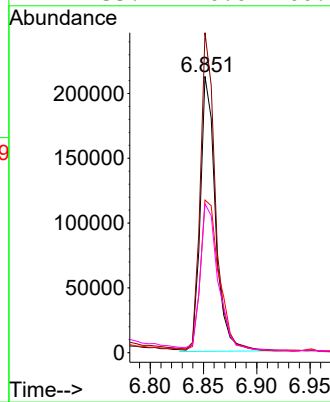
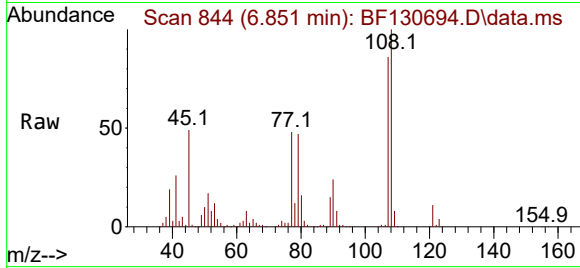




#17  
2-Methylphenol  
Concen: 41.185 ng  
RT: 6.851 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

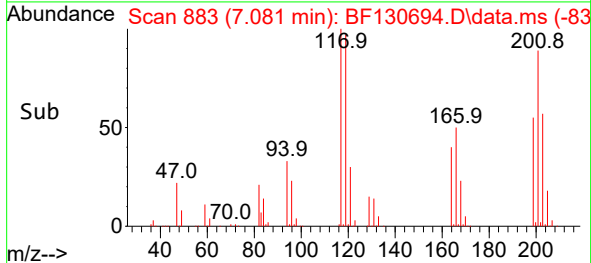
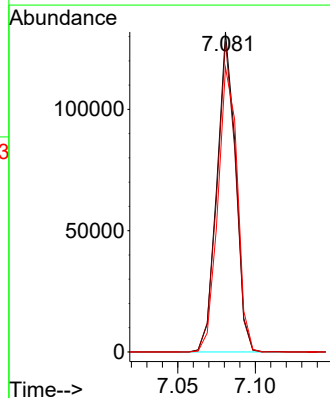
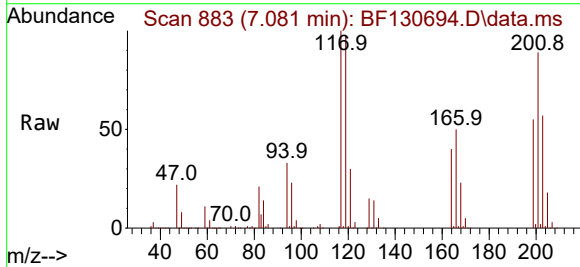
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

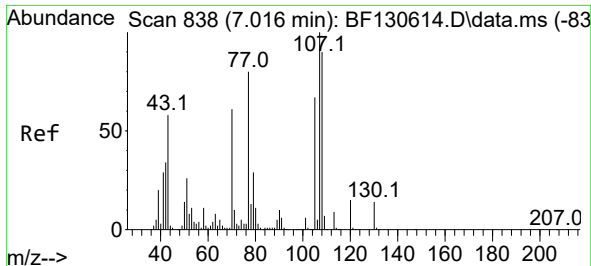
Tgt Ion:107 Resp: 210589  
Ion Ratio Lower Upper  
107 100  
108 115.8 92.2 138.2  
77 55.2 42.7 64.1  
79 53.9 40.6 60.8



#18  
Hexachloroethane  
Concen: 40.936 ng  
RT: 7.081 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:117 Resp: 110575  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.6 116.4  
201 88.9 77.0 115.6

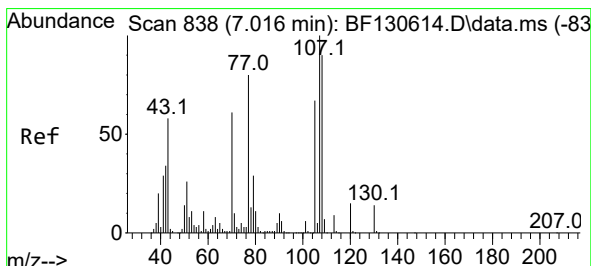
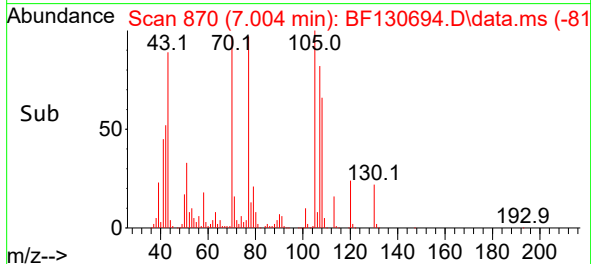
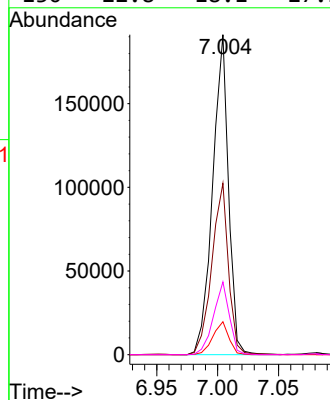
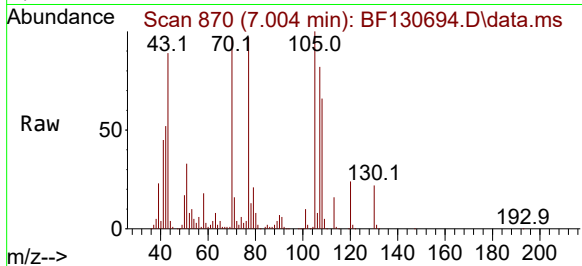




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.034 ng  
RT: 7.004 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

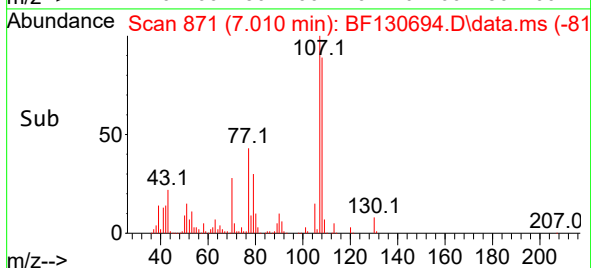
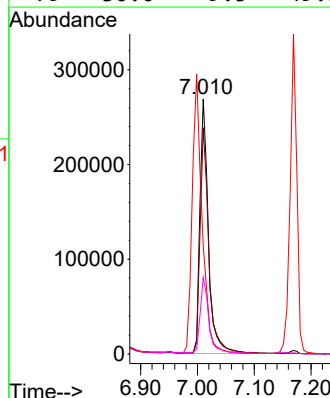
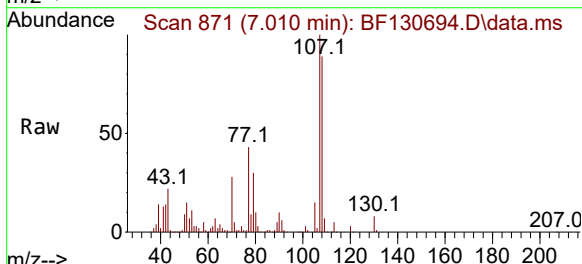
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

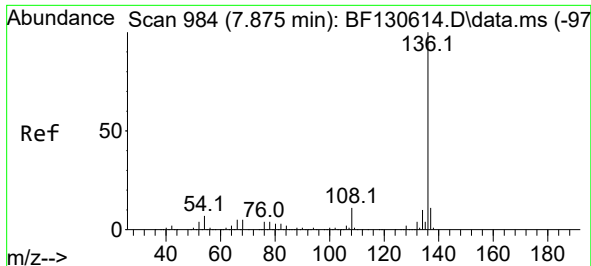
Tgt Ion: 70 Resp: 173069  
Ion Ratio Lower Upper  
70 100  
42 53.6 44.3 66.5  
101 10.3 7.9 11.9  
130 22.8 18.1 27.1



#20  
3+4-Methylphenols  
Concen: 41.539 ng  
RT: 7.010 min Scan# 871  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 107 Resp: 284612  
Ion Ratio Lower Upper  
107 100  
108 88.8 69.7 109.7  
77 42.5 59.7 99.7#  
79 30.0 9.5 49.5

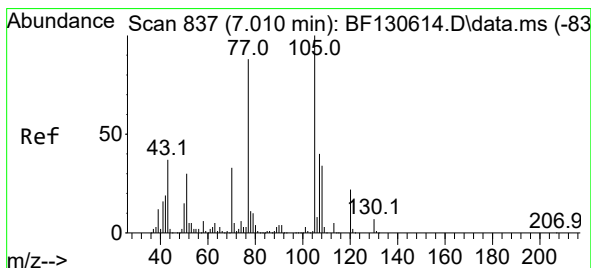
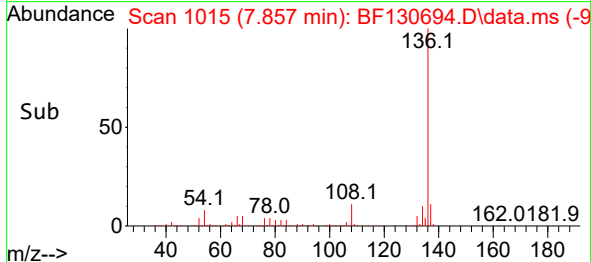
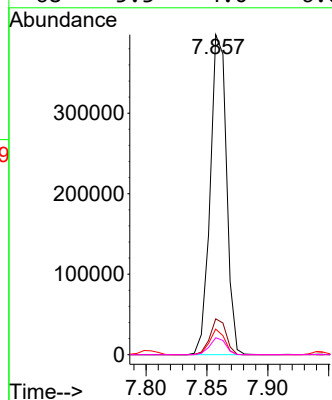
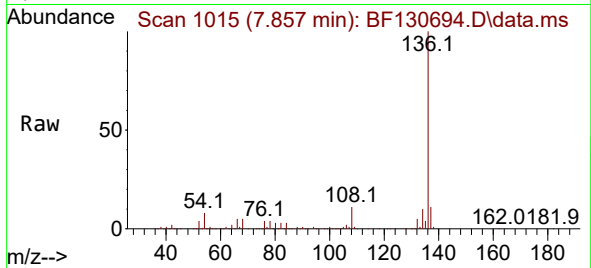




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.857 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

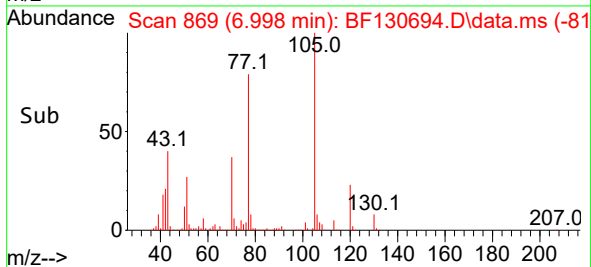
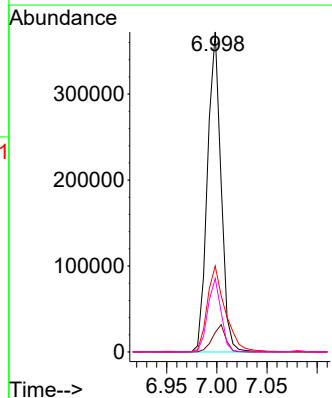
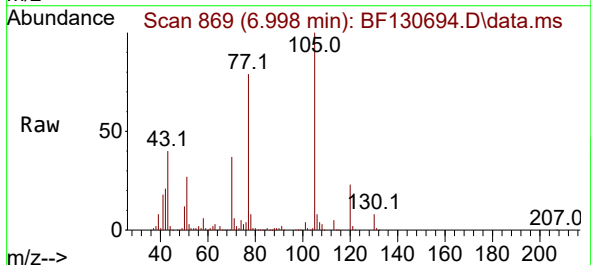
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

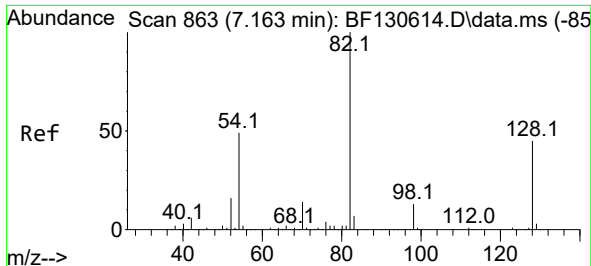
Tgt Ion:136 Resp: 368954  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 8.0 5.5 8.3  
68 5.3 4.0 6.0



#22  
Acetophenone  
Concen: 39.601 ng  
RT: 6.998 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:105 Resp: 350500  
Ion Ratio Lower Upper  
105 100  
71 6.1 4.2 6.4  
51 26.9 24.3 36.5  
120 23.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 81.394 ng

RT: 7.151 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

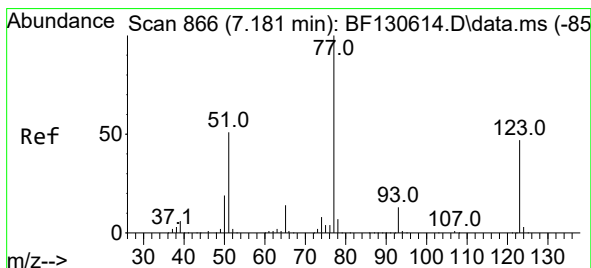
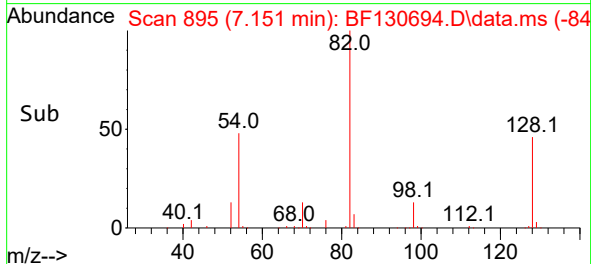
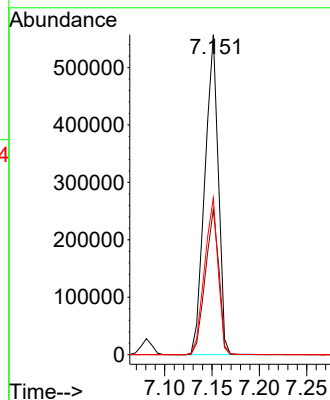
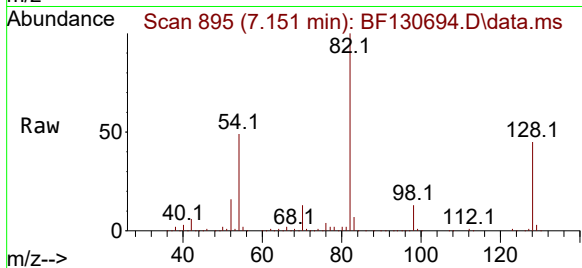
Tgt Ion: 82 Resp: 550108

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.6

54 49.0 39.3 58.9



#24

Nitrobenzene

Concen: 41.199 ng

RT: 7.169 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

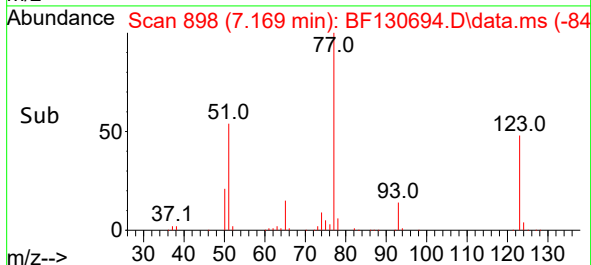
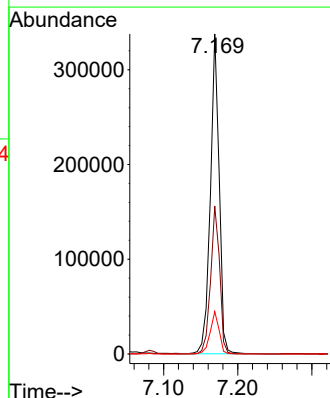
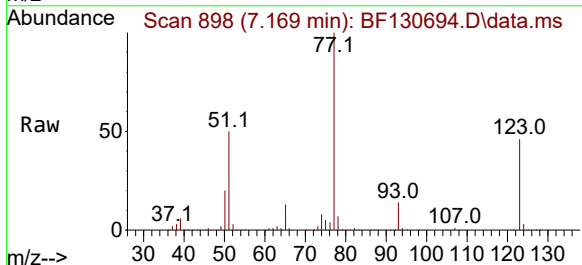
Tgt Ion: 77 Resp: 280021

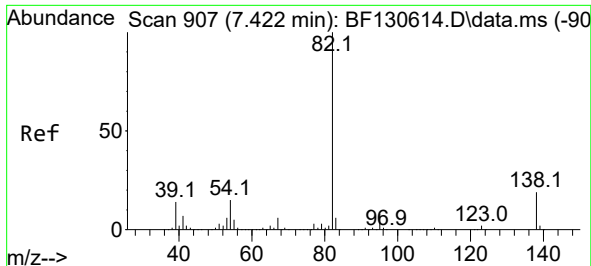
Ion Ratio Lower Upper

77 100

123 46.2 37.5 56.3

65 13.3 11.0 16.4

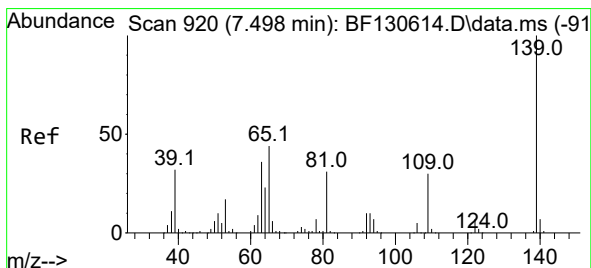
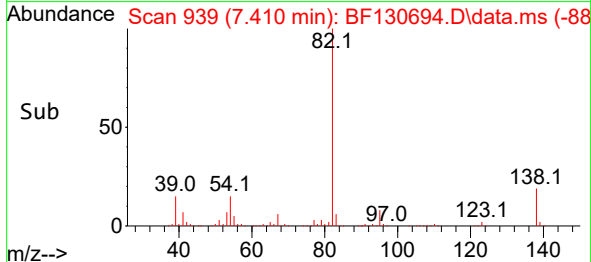
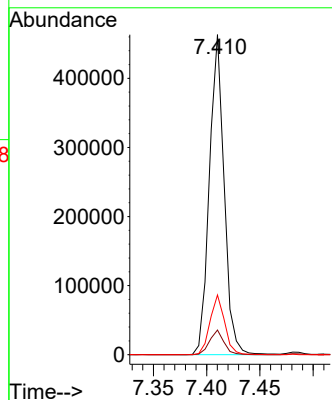
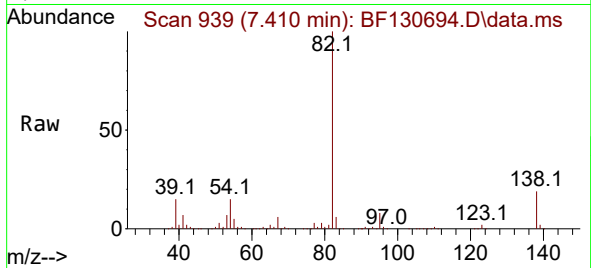




#25  
Isophorone  
Concen: 39.882 ng  
RT: 7.410 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

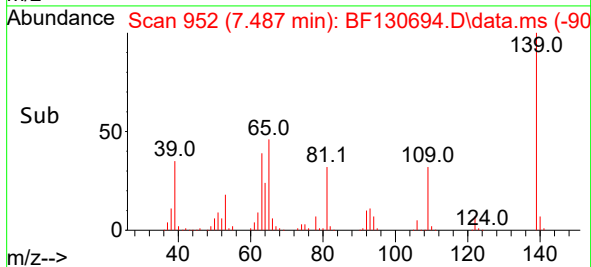
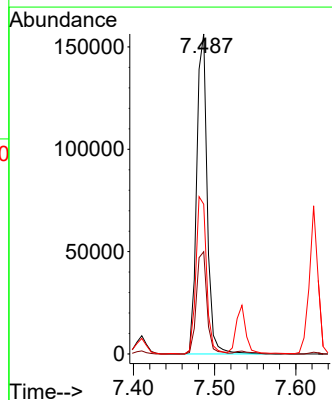
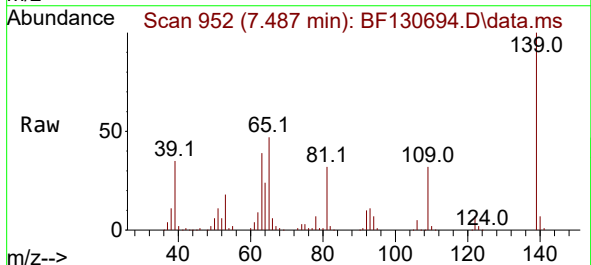
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

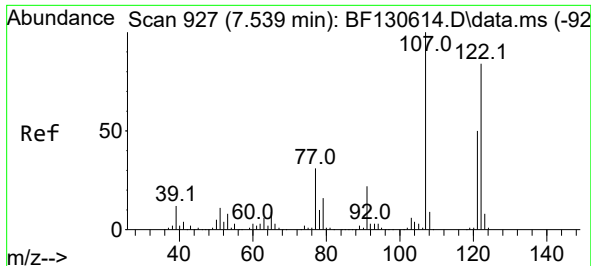
Tgt Ion: 82 Resp: 448620  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 18.6 14.9 22.3



#26  
2-Nitrophenol  
Concen: 42.544 ng  
RT: 7.487 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 139 Resp: 141804  
Ion Ratio Lower Upper  
139 100  
109 32.0 23.9 35.9  
65 46.8 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 41.315 ng

RT: 7.534 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

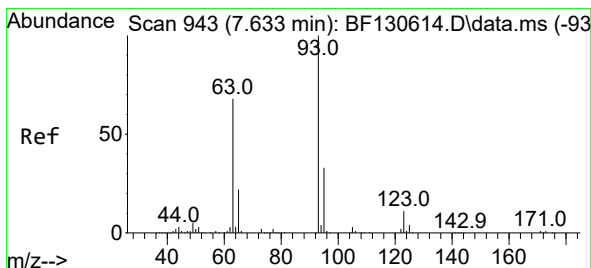
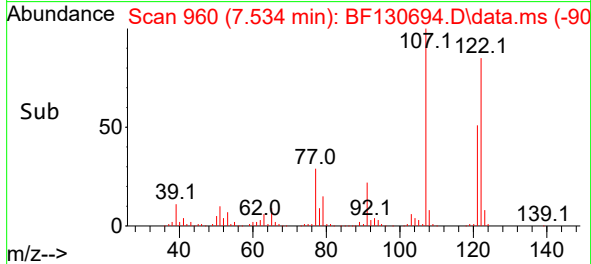
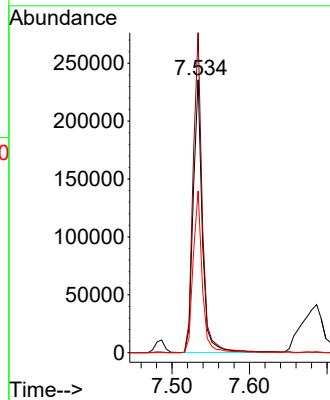
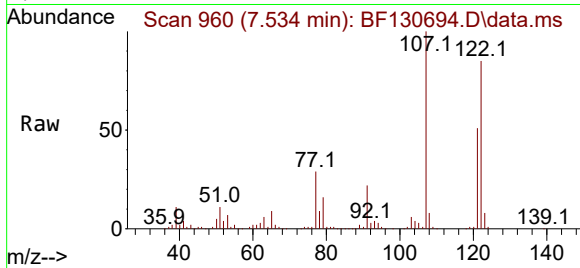
Tgt Ion:122 Resp: 191936

Ion Ratio Lower Upper

122 100

107 117.2 94.9 142.3

121 59.3 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 40.404 ng

RT: 7.622 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

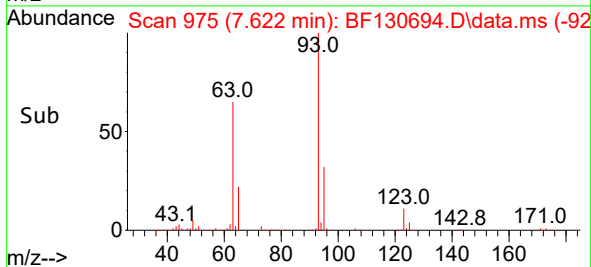
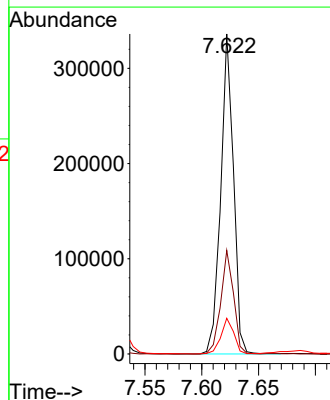
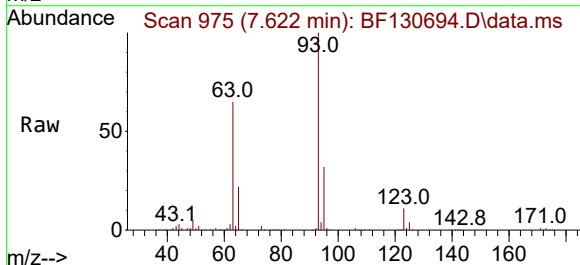
Tgt Ion: 93 Resp: 263163

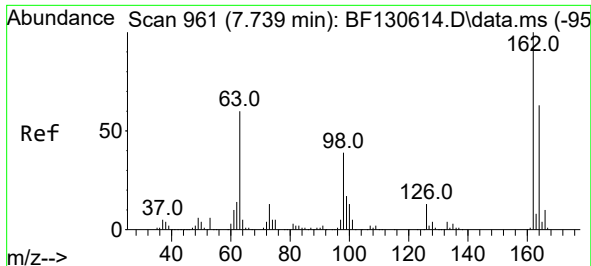
Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.063 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

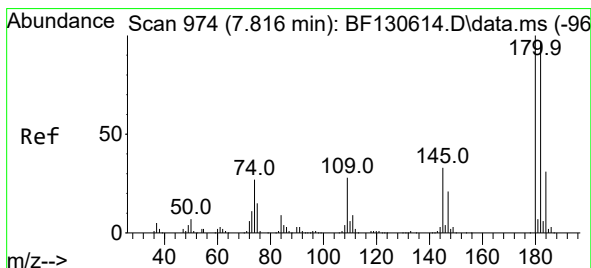
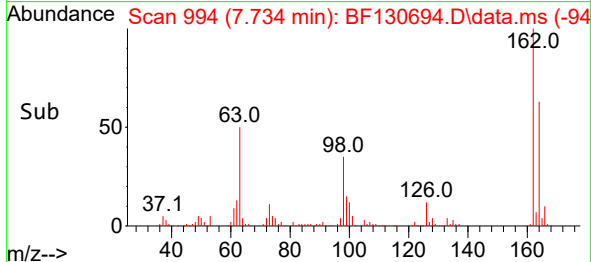
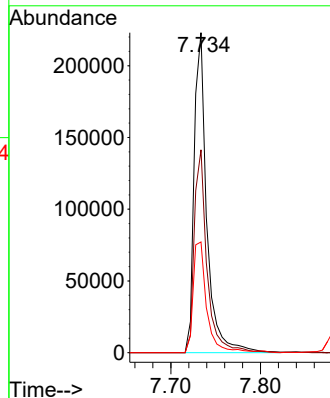
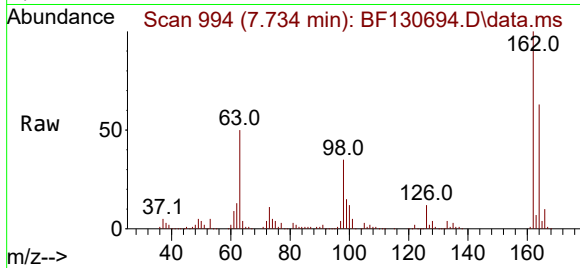
Tgt Ion:162 Resp: 218628

Ion Ratio Lower Upper

162 100

164 63.4 42.8 82.8

98 34.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 41.427 ng

RT: 7.804 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

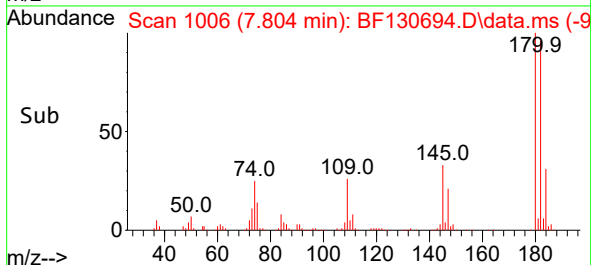
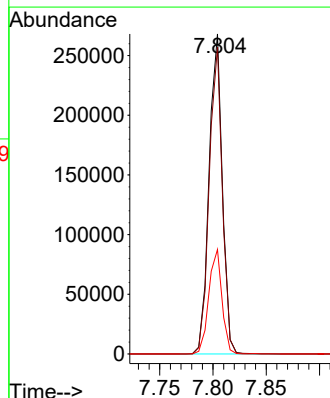
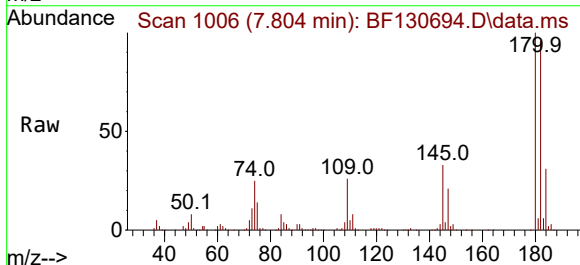
Tgt Ion:180 Resp: 232137

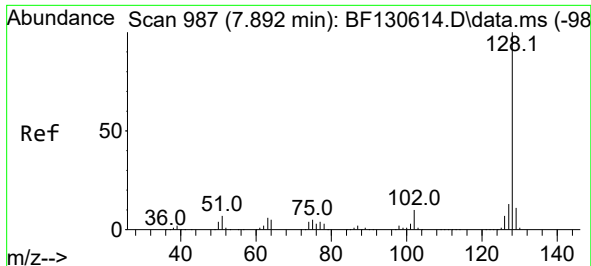
Ion Ratio Lower Upper

180 100

182 95.9 78.0 117.0

145 32.7 26.7 40.1

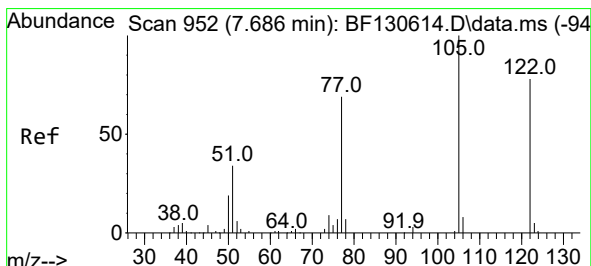
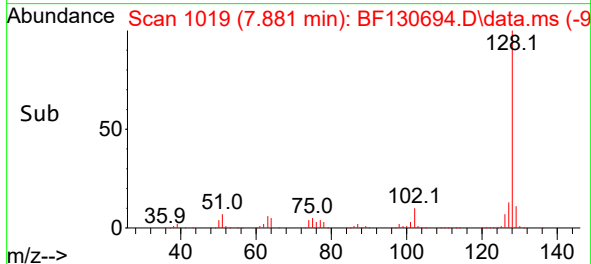
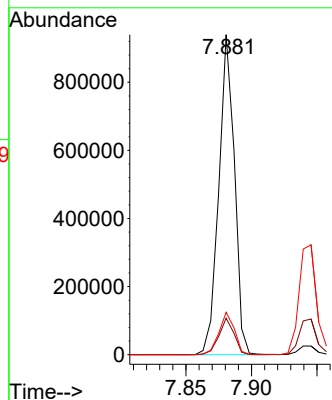
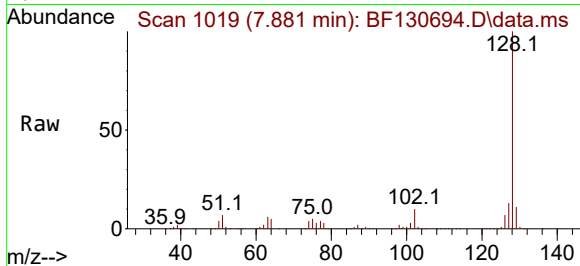




#31  
Naphthalene  
Concen: 40.751 ng  
RT: 7.881 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

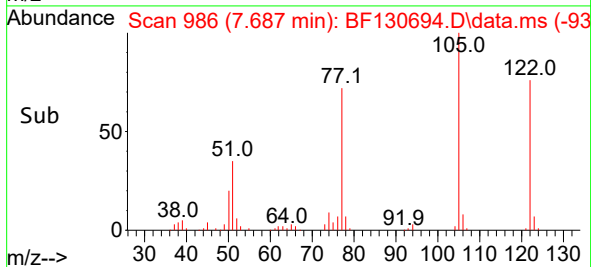
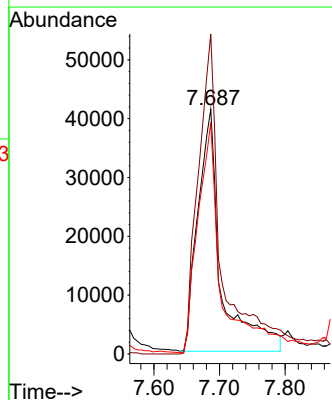
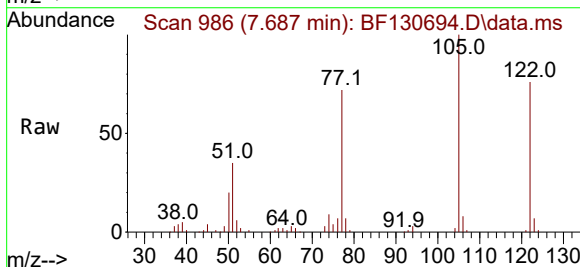
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

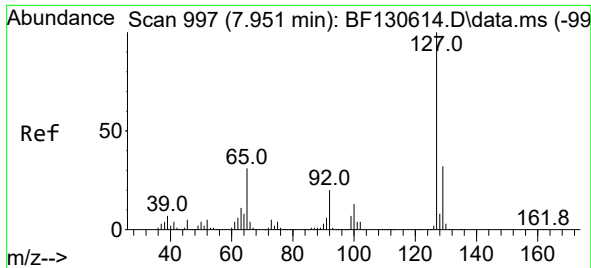
Tgt Ion:128 Resp: 778298  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.4  
127 13.2 10.3 15.5



#32  
Benzoic acid  
Concen: 34.625 ng  
RT: 7.687 min Scan# 986  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:122 Resp: 101761  
Ion Ratio Lower Upper  
122 100  
105 130.8 104.8 144.8  
77 94.6 68.2 108.2

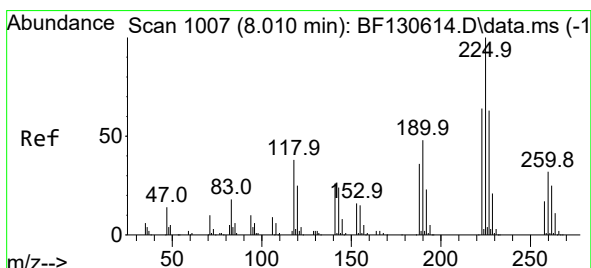
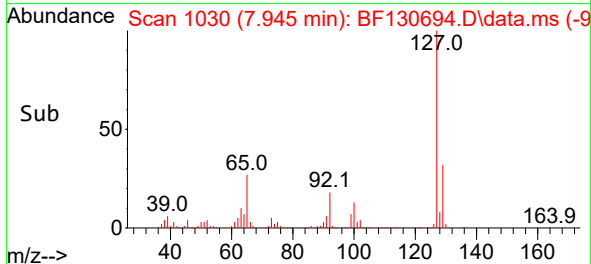
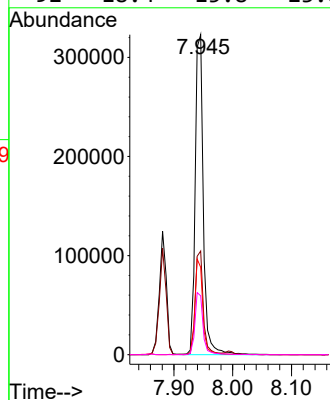
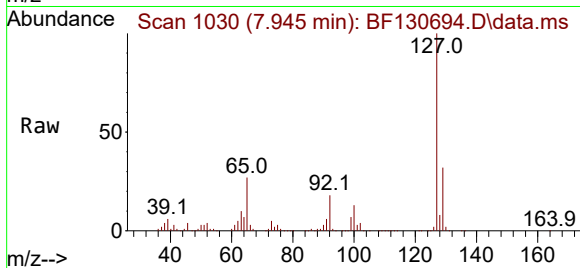




#33  
4-Chloroaniline  
Concen: 41.988 ng  
RT: 7.945 min Scan# 1030  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

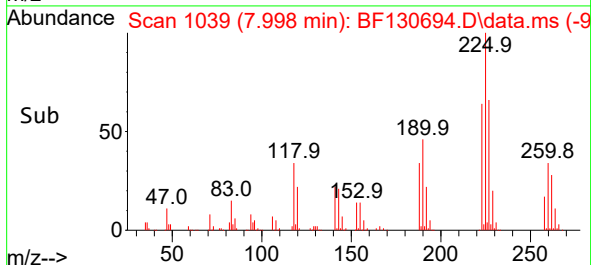
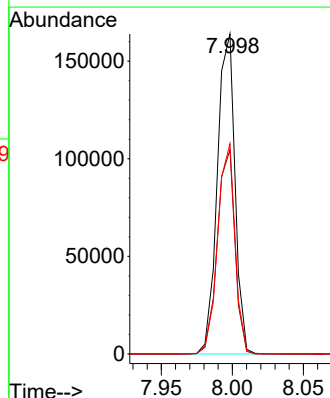
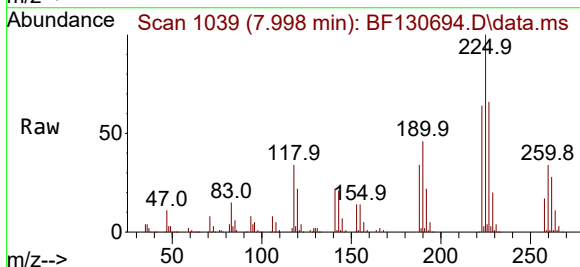
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

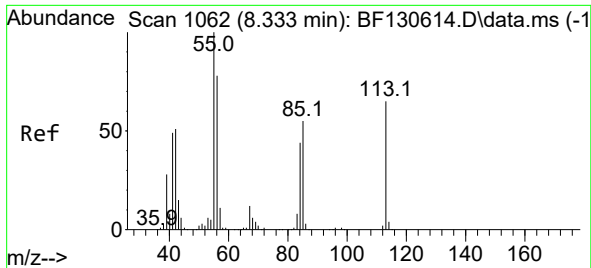
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 310642 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.4  | 25.7  | 38.5   |
| 65        | 27.3  | 24.7  | 37.1   |
| 92        | 18.4  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 40.761 ng  
RT: 7.998 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 141761 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.8  | 51.5  | 77.3   |
| 227       | 65.7  | 50.4  | 75.6   |

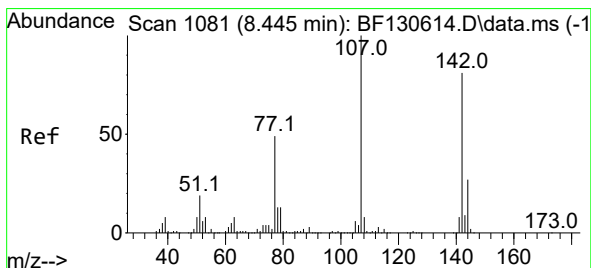
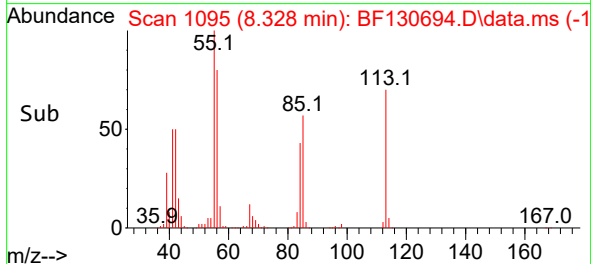
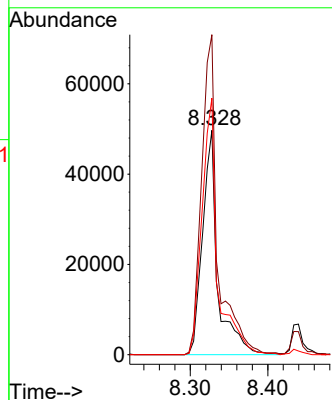
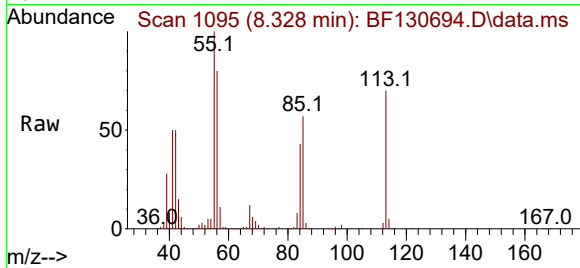




#35  
 Caprolactam  
 Concen: 43.325 ng  
 RT: 8.328 min Scan# 1110  
 Delta R.T. 0.000 min  
 Lab File: BF130694.D  
 Acq: 18 Oct 2022 12:23

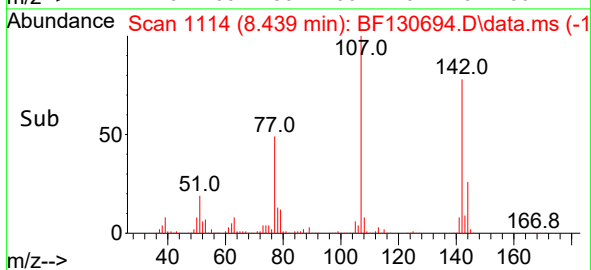
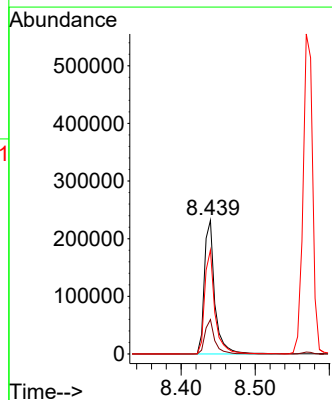
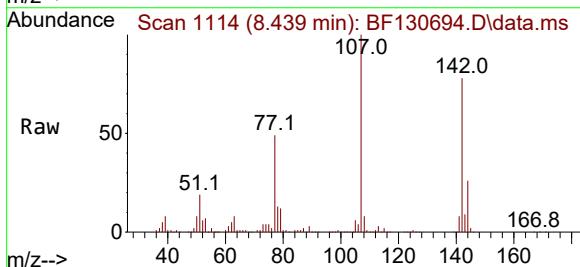
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

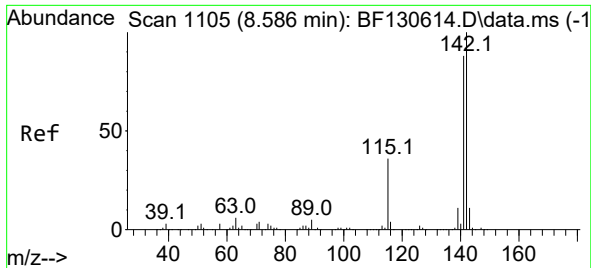
Tgt Ion:113 Resp: 67753  
 Ion Ratio Lower Upper  
 113 100  
 55 142.6 134.3 174.3  
 56 114.3 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.214 ng  
 RT: 8.439 min Scan# 1114  
 Delta R.T. 0.006 min  
 Lab File: BF130694.D  
 Acq: 18 Oct 2022 12:23

Tgt Ion:107 Resp: 226722  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 21.9 32.9  
 142 77.8 64.6 96.8

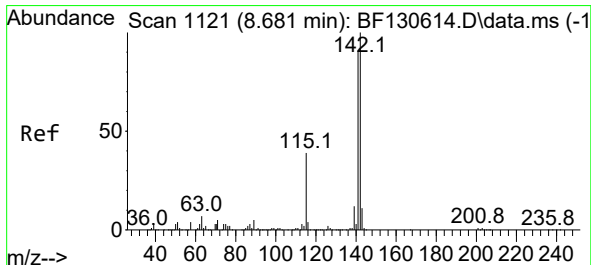
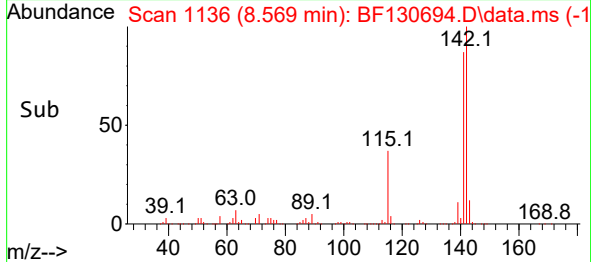
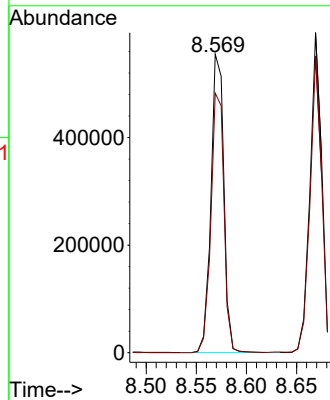
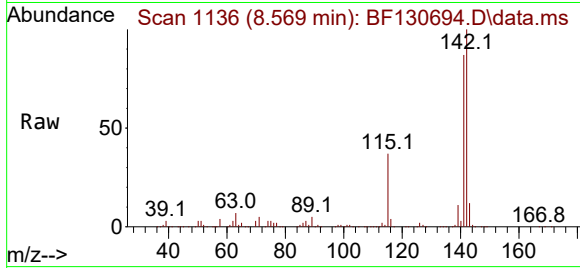




#37  
2-Methylnaphthalene  
Concen: 41.287 ng  
RT: 8.569 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

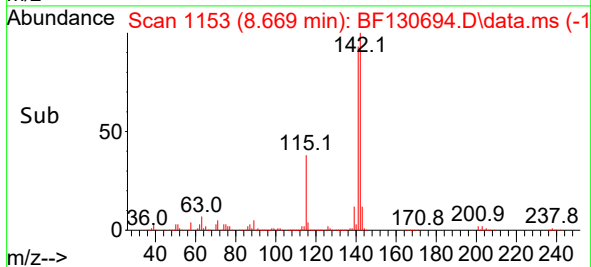
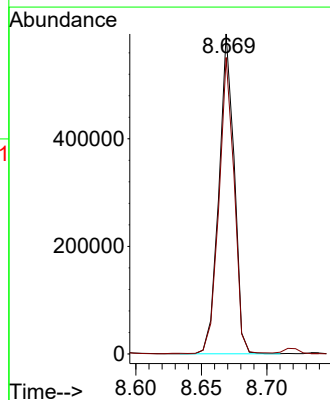
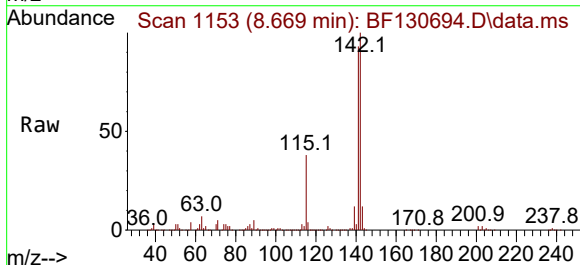
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

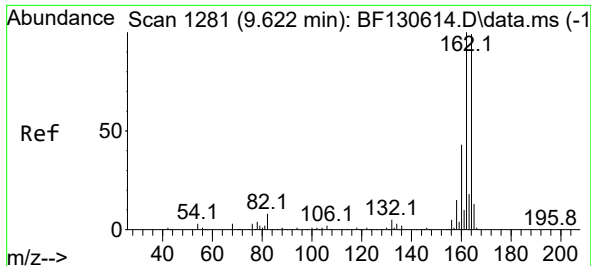
Tgt Ion:142 Resp: 496221  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.7 106.1



#38  
1-Methylnaphthalene  
Concen: 41.192 ng  
RT: 8.669 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:142 Resp: 480613  
Ion Ratio Lower Upper  
142 100  
141 92.7 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.610 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

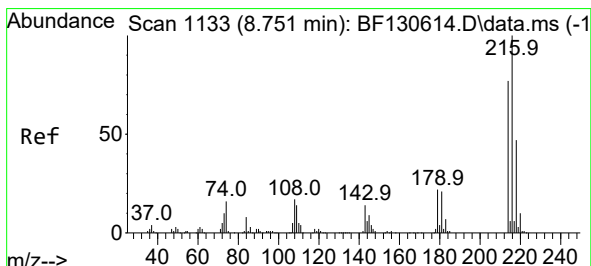
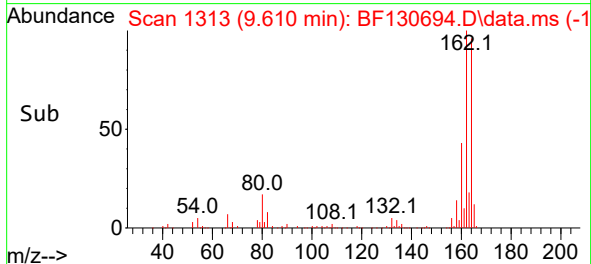
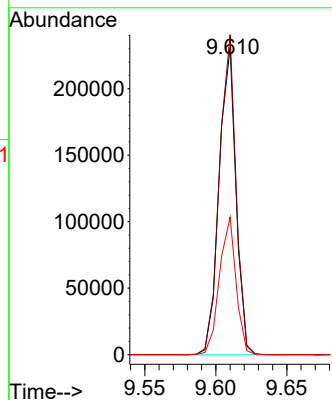
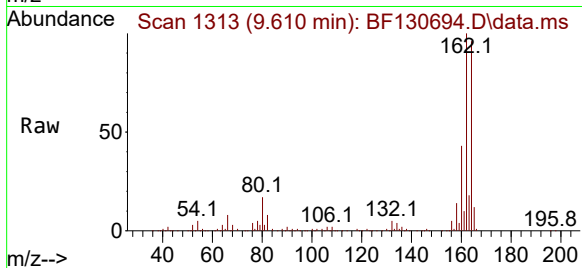
Tgt Ion:164 Resp: 189798

Ion Ratio Lower Upper

164 100

162 104.0 81.0 121.4

160 44.8 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.562 ng

RT: 8.739 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Tgt Ion:216 Resp: 214022

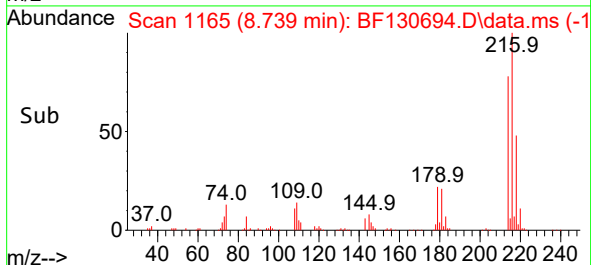
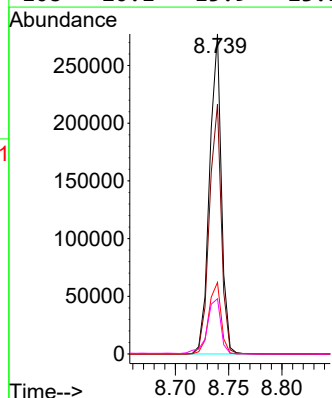
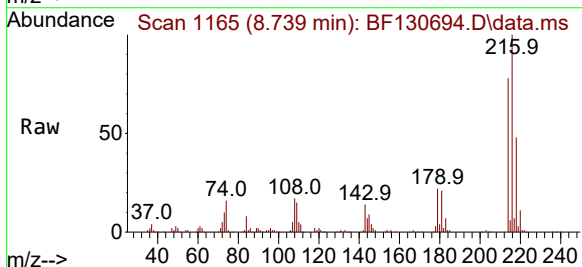
Ion Ratio Lower Upper

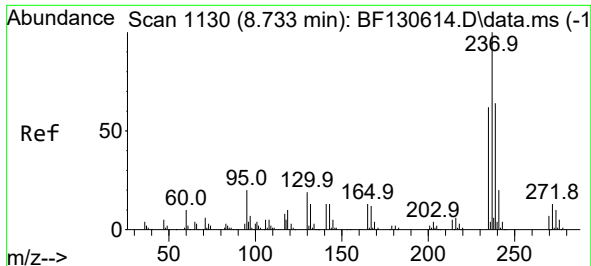
216 100

214 79.0 62.1 93.1

179 23.1 18.6 27.8

108 20.1 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 37.180 ng

RT: 8.722 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

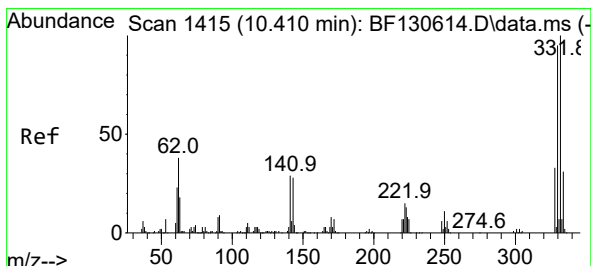
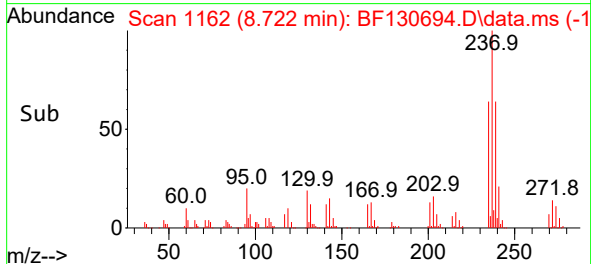
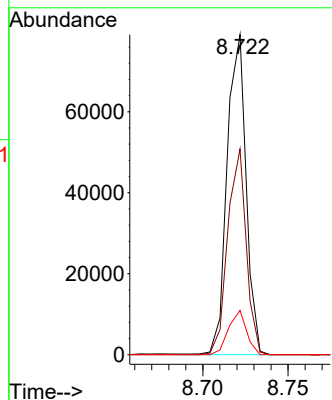
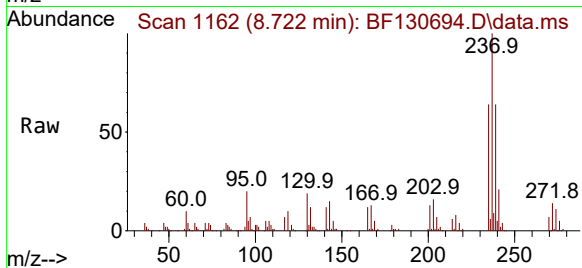
Tgt Ion:237 Resp: 61190

Ion Ratio Lower Upper

237 100

235 64.2 42.2 82.2

272 13.9 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 81.965 ng

RT: 10.398 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

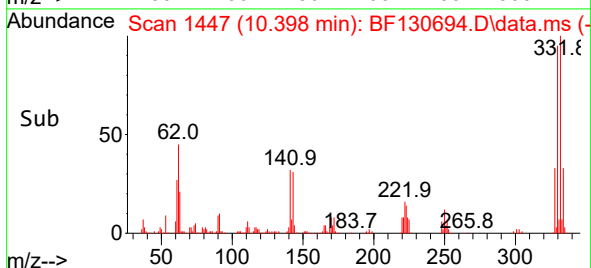
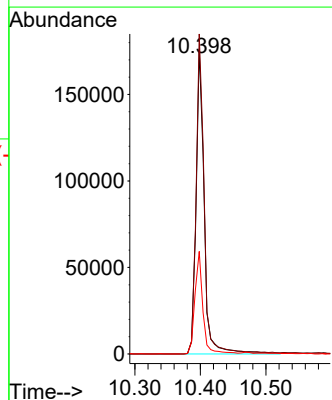
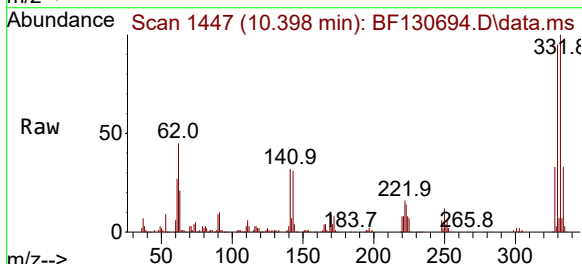
Tgt Ion:330 Resp: 152222

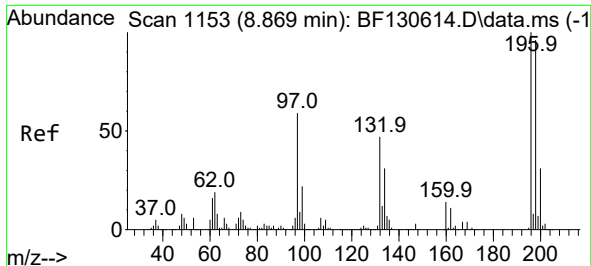
Ion Ratio Lower Upper

330 100

332 104.6 84.2 126.4

141 33.1 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 40.091 ng

RT: 8.857 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

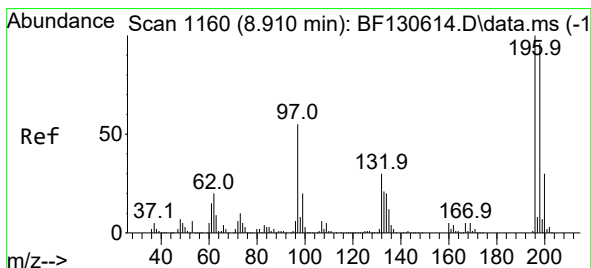
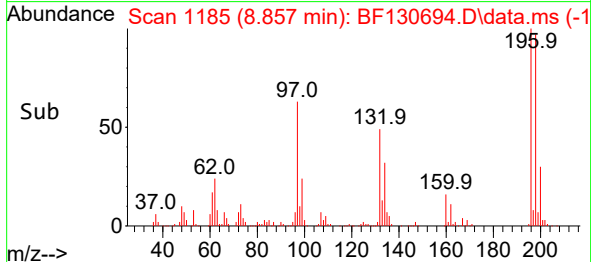
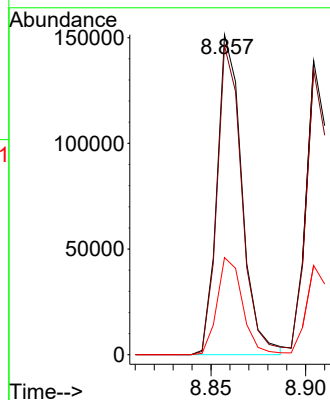
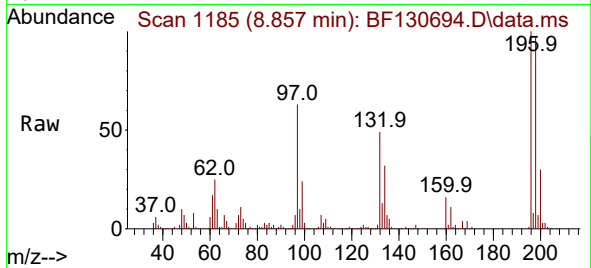
Tgt Ion:196 Resp: 138616

Ion Ratio Lower Upper

196 100

198 96.5 76.6 115.0

200 30.3 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 39.380 ng

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Tgt Ion:196 Resp: 149736

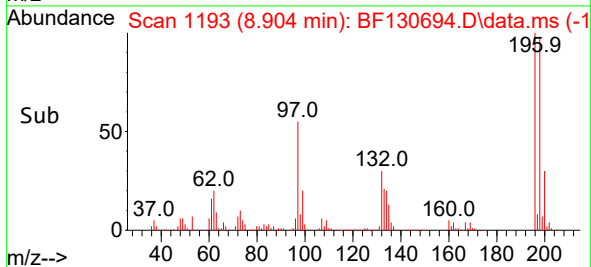
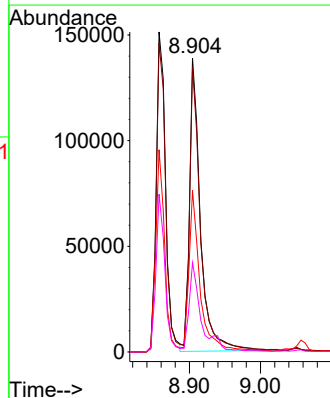
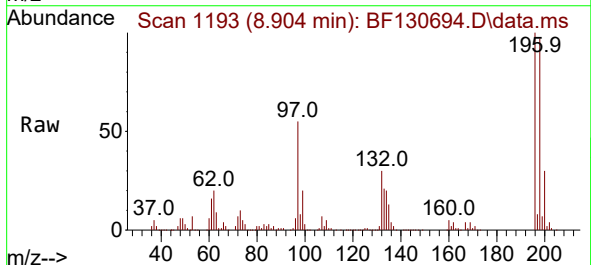
Ion Ratio Lower Upper

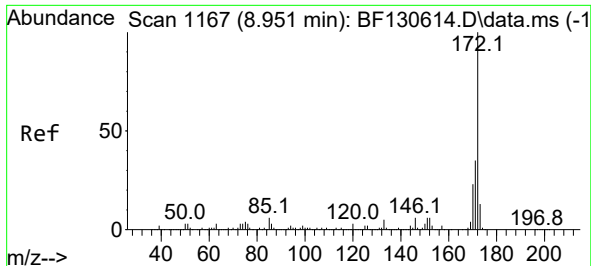
196 100

198 97.0 76.6 114.8

97 55.0 44.3 66.5

132 30.4 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 80.837 ng

RT: 8.939 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

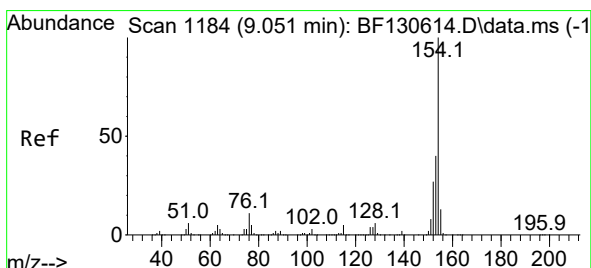
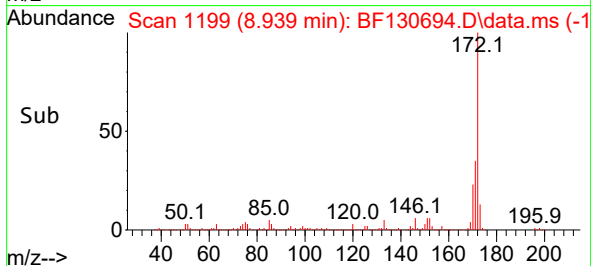
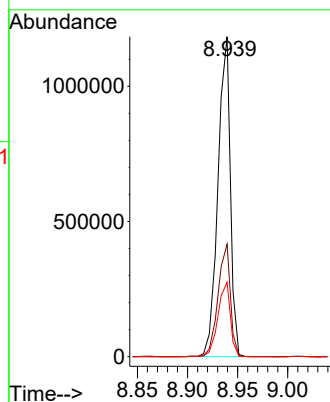
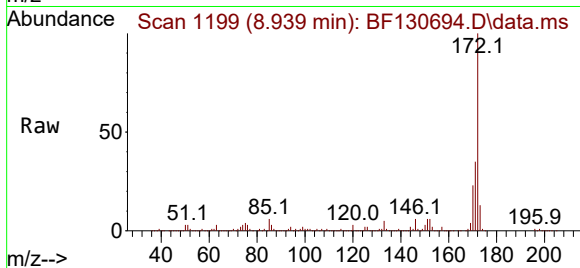
Tgt Ion:172 Resp: 1012889

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 41.407 ng

RT: 9.039 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

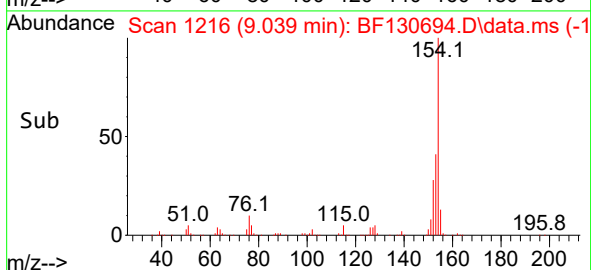
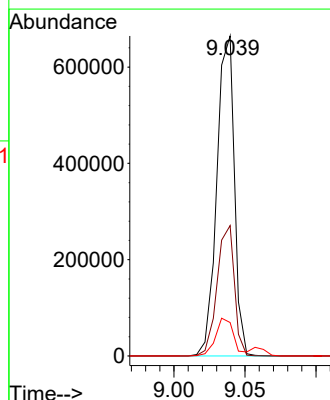
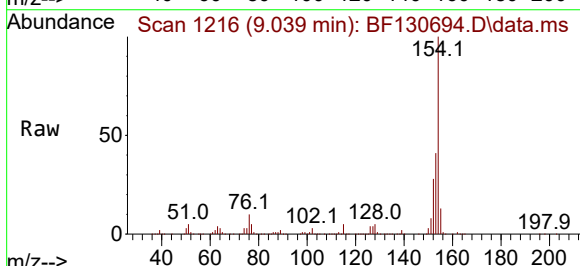
Tgt Ion:154 Resp: 569547

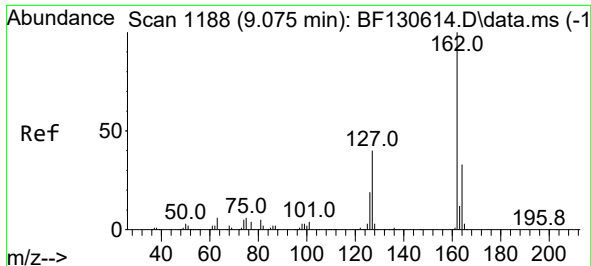
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

76 10.5 0.0 30.8

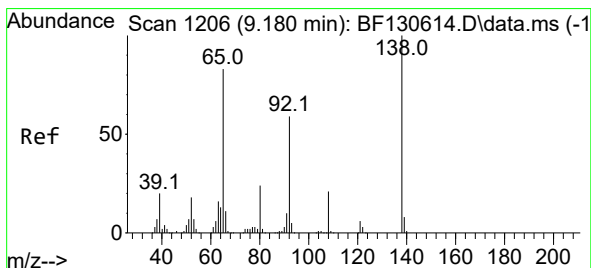
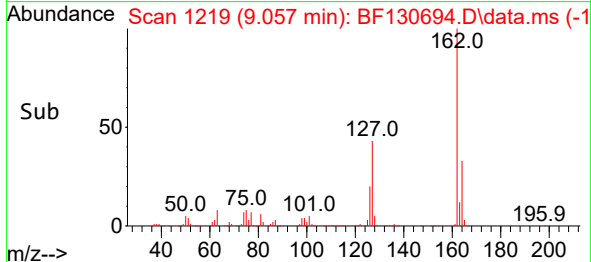
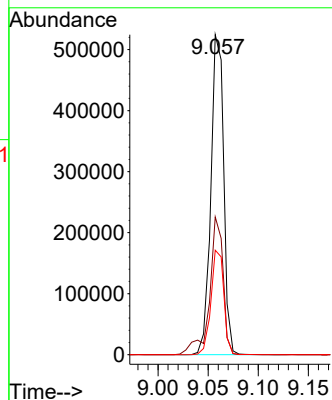
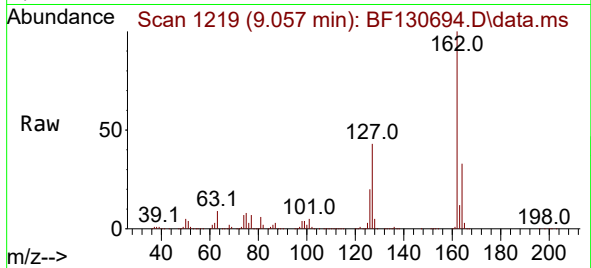




#47  
2-Chloronaphthalene  
Concen: 41.625 ng  
RT: 9.057 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

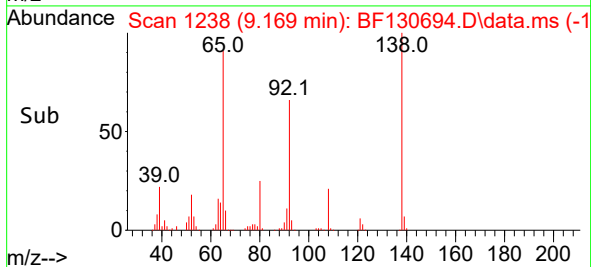
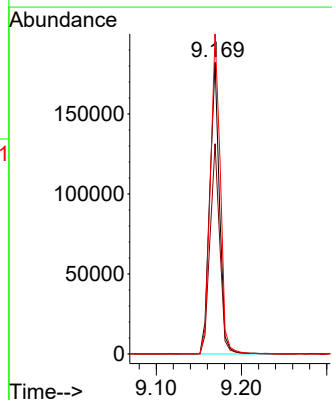
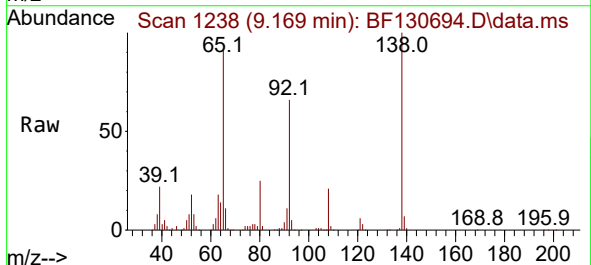
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

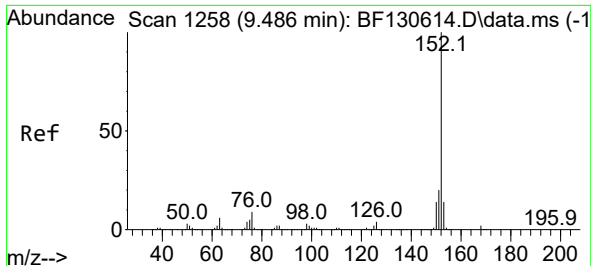
Tgt Ion:162 Resp: 467942  
Ion Ratio Lower Upper  
162 100  
127 43.1 32.6 49.0  
164 32.6 26.3 39.5



#48  
2-Nitroaniline  
Concen: 42.956 ng  
RT: 9.169 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 65 Resp: 145369  
Ion Ratio Lower Upper  
65 100  
92 72.1 57.4 86.0  
138 109.7 96.7 145.1





#49

Acenaphthylene

Concen: 41.111 ng

RT: 9.469 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

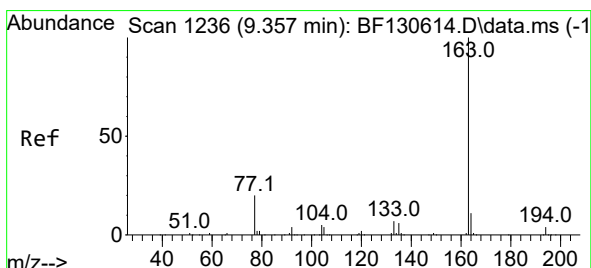
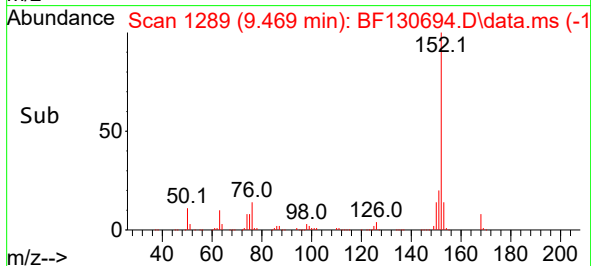
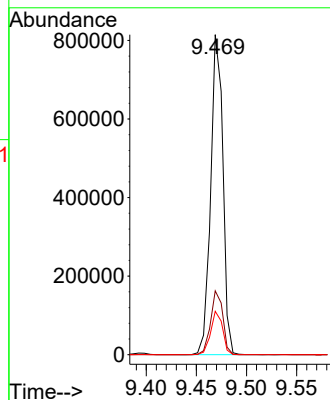
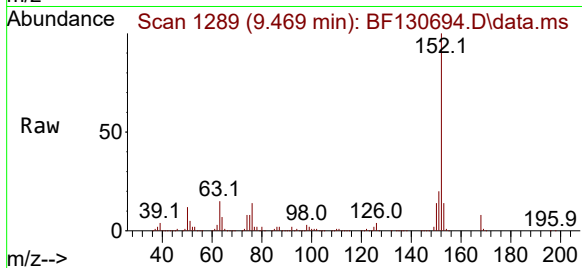
Tgt Ion:152 Resp: 692474

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 40.555 ng

RT: 9.345 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

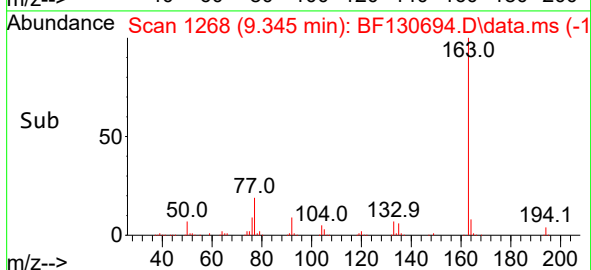
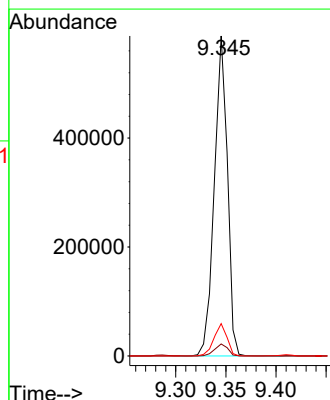
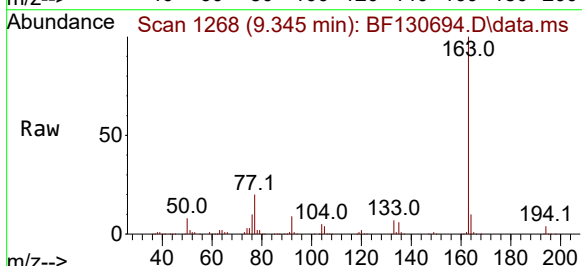
Tgt Ion:163 Resp: 532827

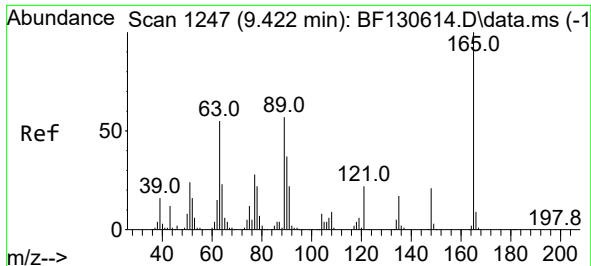
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 41.647 ng

RT: 9.410 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

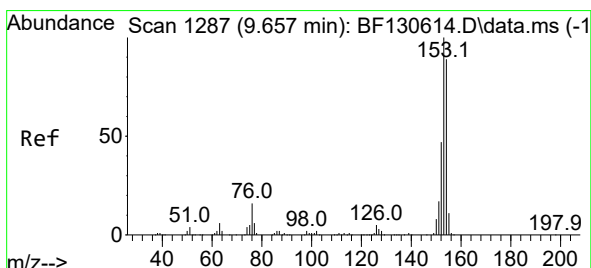
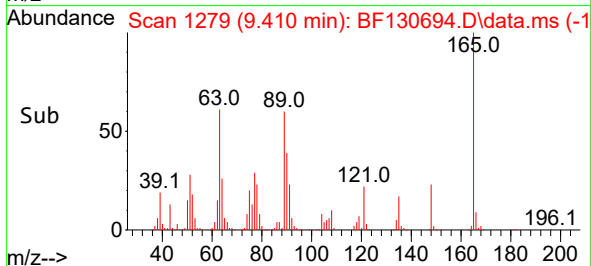
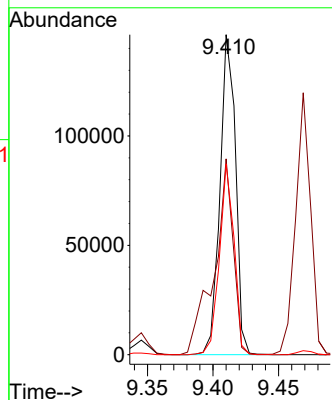
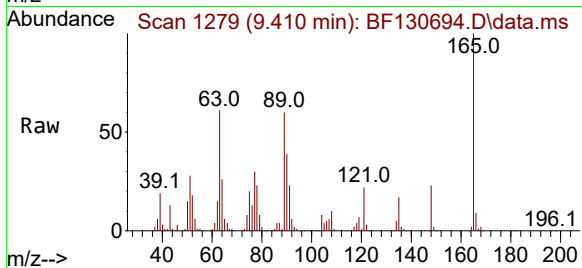
Tgt Ion:165 Resp: 120026

Ion Ratio Lower Upper

165 100

63 61.2 45.3 67.9

89 59.7 45.6 68.4



#52

Acenaphthene

Concen: 41.406 ng

RT: 9.639 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

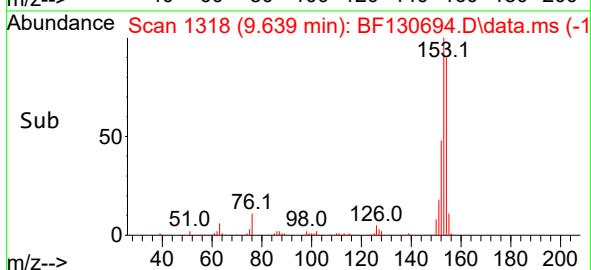
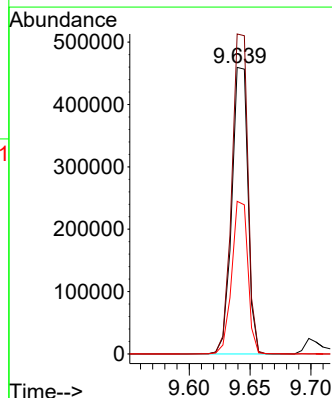
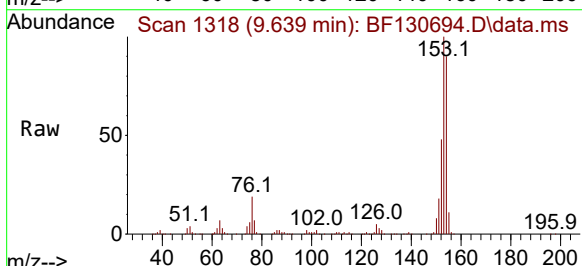
Tgt Ion:154 Resp: 422559

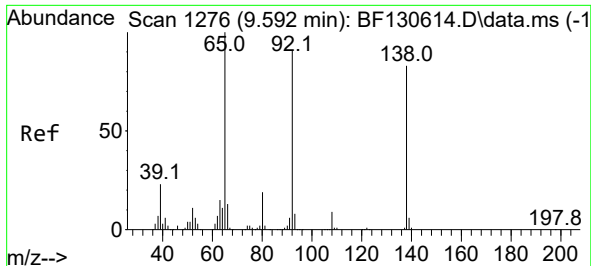
Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

152 53.3 42.4 63.6

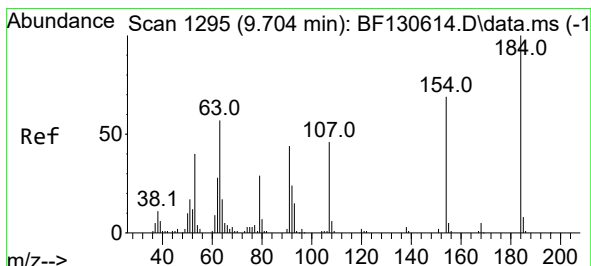
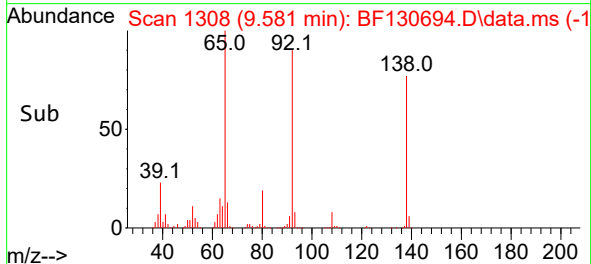
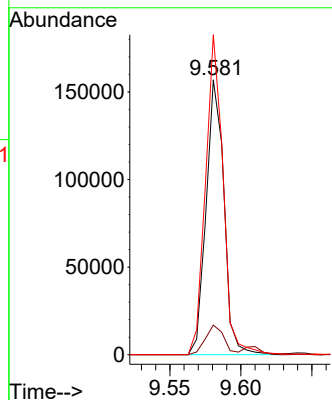
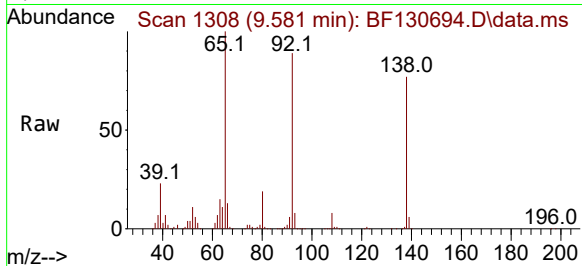




#53  
3-Nitroaniline  
Concen: 43.517 ng  
RT: 9.581 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

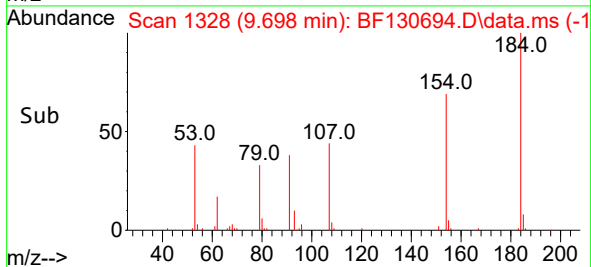
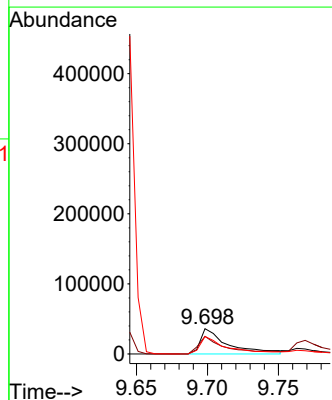
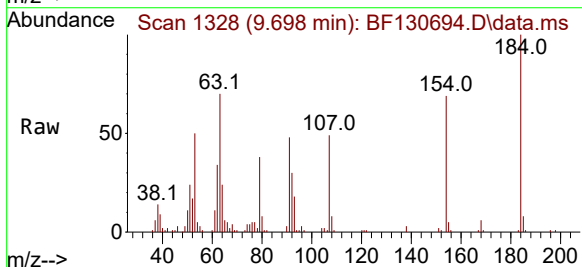
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

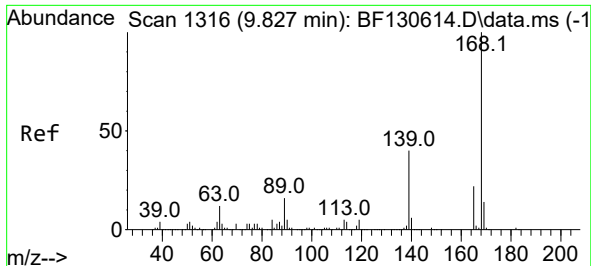
Tgt Ion:138 Resp: 137476  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.4 12.6  
92 116.4 88.2 132.4



#54  
2,4-Dinitrophenol  
Concen: 36.087 ng  
RT: 9.698 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:184 Resp: 48722  
Ion Ratio Lower Upper  
184 100  
63 69.5 45.5 68.3#  
154 68.9 55.1 82.7

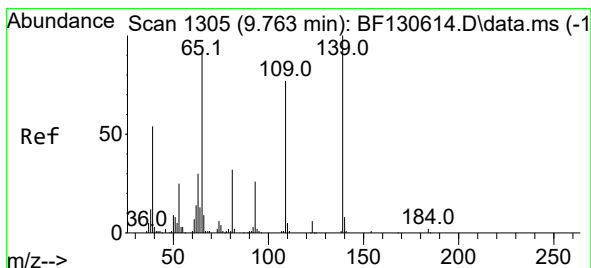
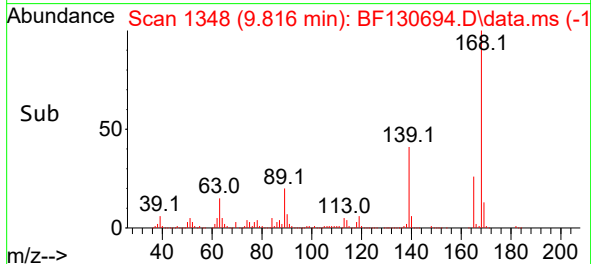
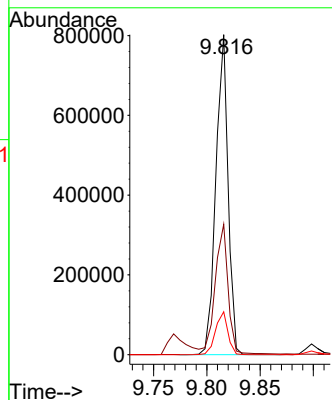
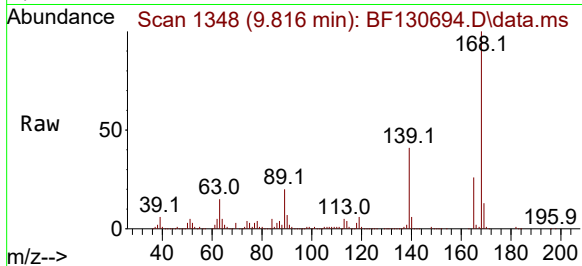




#55  
Dibenzenofuran  
Concen: 40.871 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

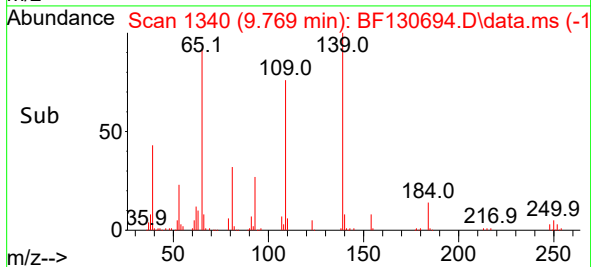
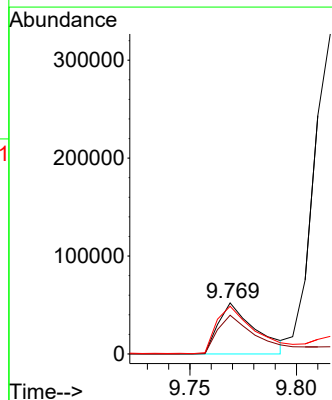
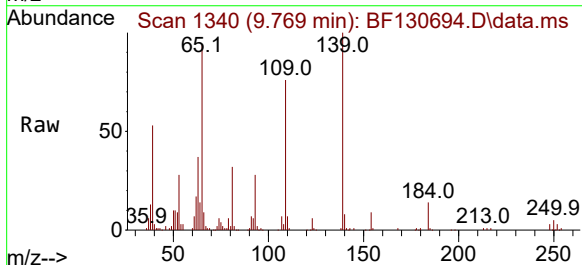
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

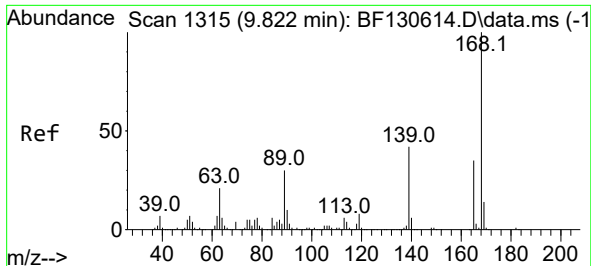
Tgt Ion:168 Resp: 635403  
Ion Ratio Lower Upper  
168 100  
139 40.7 33.0 49.4  
169 13.4 10.9 16.3



#56  
4-Nitrophenol  
Concen: 35.580 ng  
RT: 9.769 min Scan# 1340  
Delta R.T. 0.012 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:139 Resp: 61976  
Ion Ratio Lower Upper  
139 100  
109 75.9 57.4 97.4  
65 93.6 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 42.110 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 155975

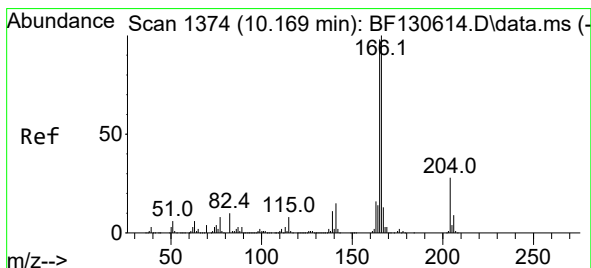
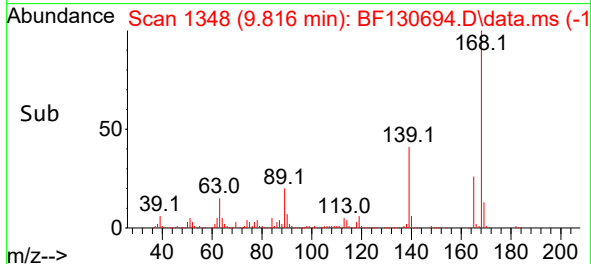
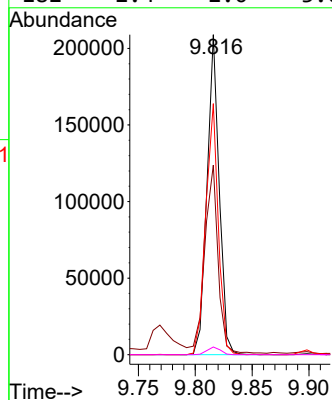
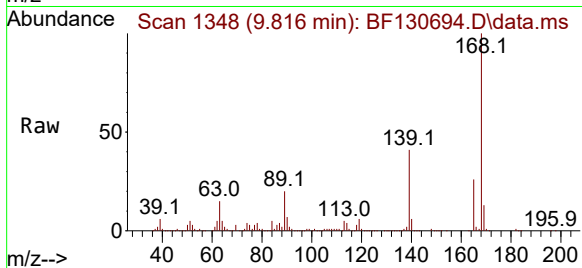
Ion Ratio Lower Upper

165 100

63 59.3 50.6 76.0

89 78.5 68.6 102.8

182 2.4 2.0 3.0



#58

Fluorene

Concen: 40.487 ng

RT: 10.157 min Scan# 1406

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

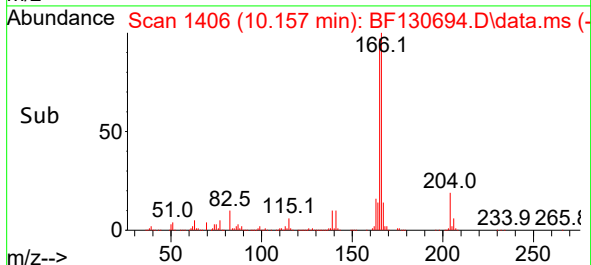
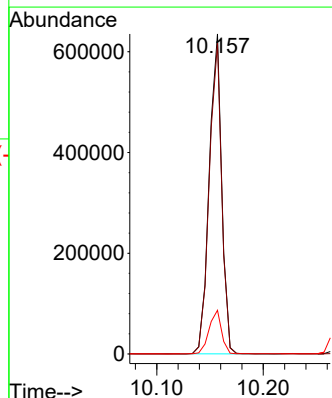
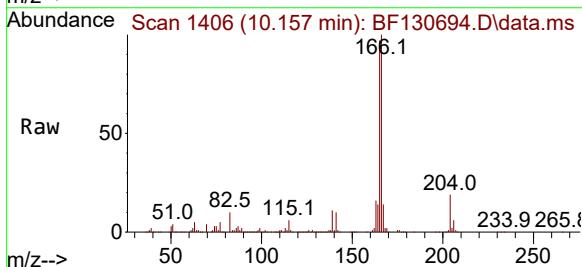
Tgt Ion:166 Resp: 517478

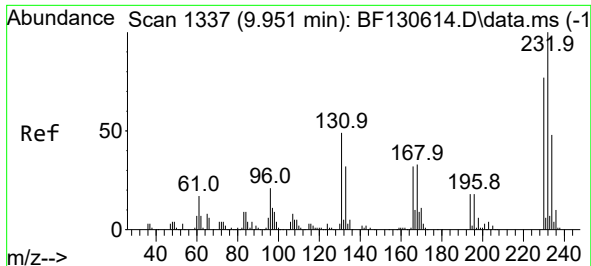
Ion Ratio Lower Upper

166 100

165 97.1 78.2 117.4

167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.580 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 119981

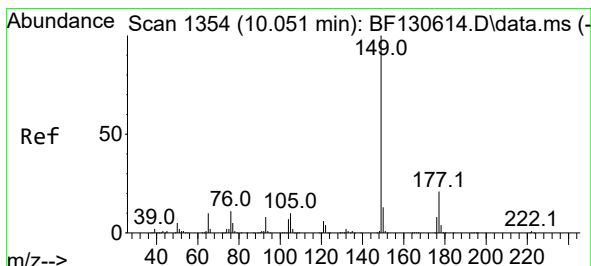
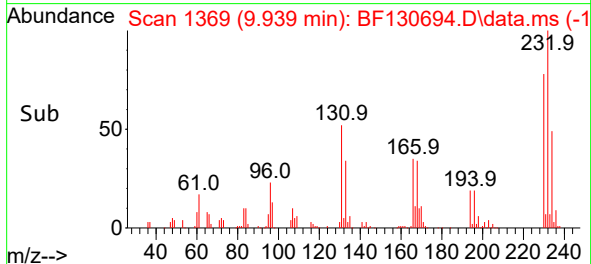
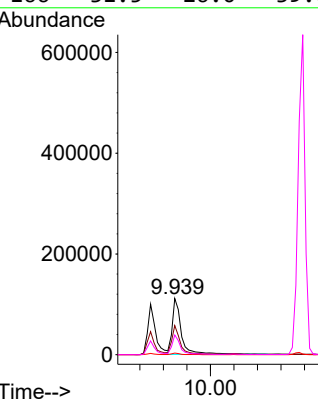
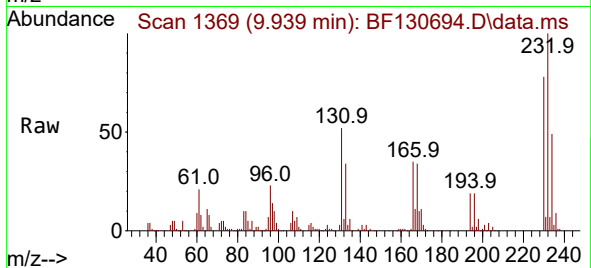
Ion Ratio Lower Upper

232 100

131 49.2 41.4 62.0

130 2.8 2.1 3.1

166 31.5 26.0 39.0



#60

Diethylphthalate

Concen: 39.003 ng

RT: 10.039 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

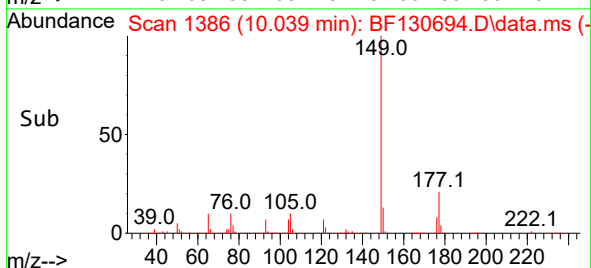
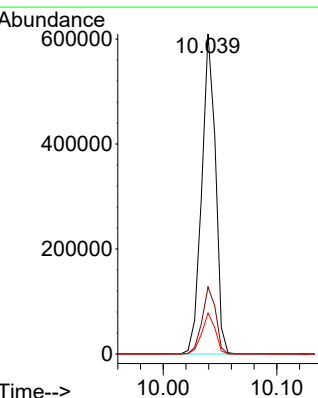
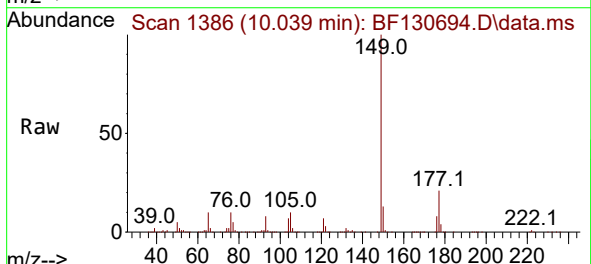
Tgt Ion:149 Resp: 511286

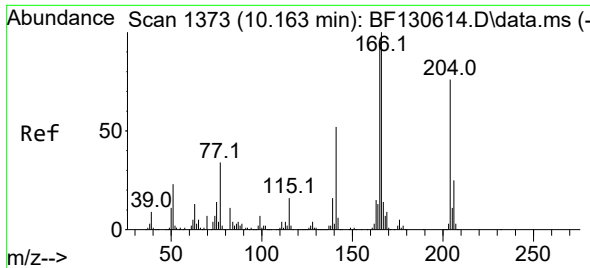
Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

150 12.8 10.5 15.7

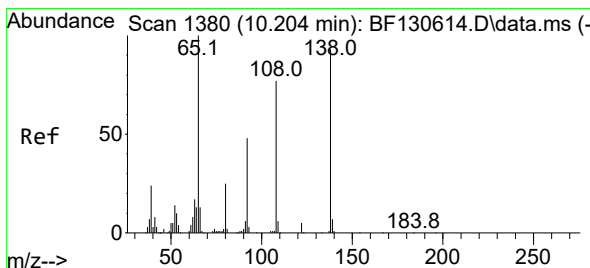
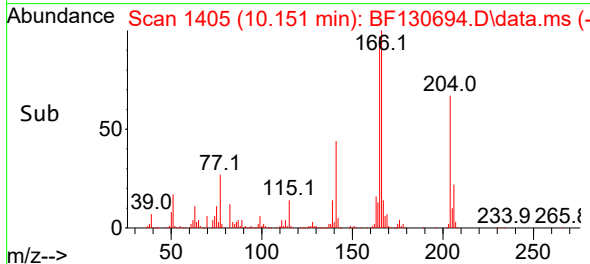
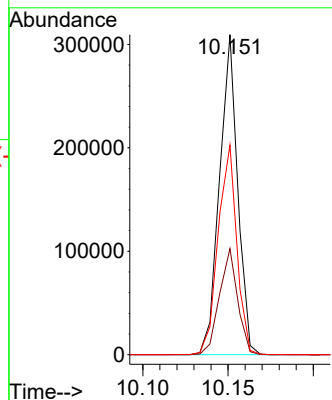
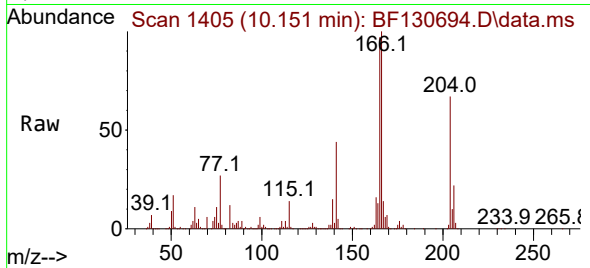




#61  
4-Chlorophenyl-phenylether  
Concen: 39.712 ng  
RT: 10.151 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

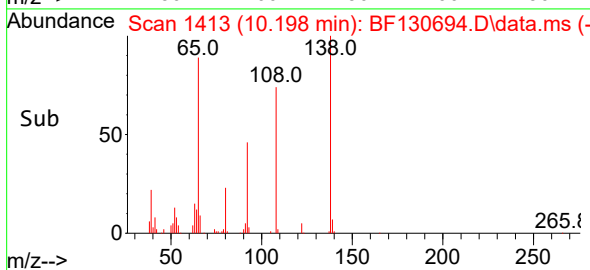
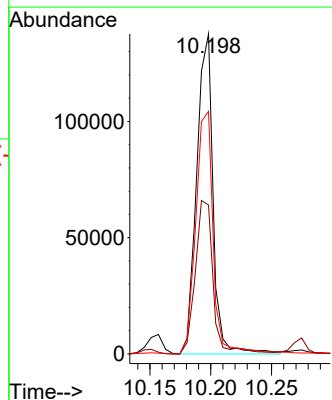
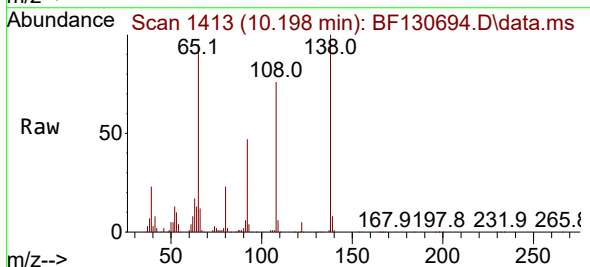
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

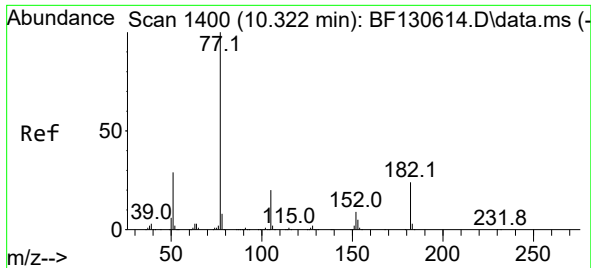
Tgt Ion:204 Resp: 229476  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.1 39.1  
141 65.5 54.6 81.8



#62  
4-Nitroaniline  
Concen: 43.134 ng  
RT: 10.198 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:138 Resp: 130100  
Ion Ratio Lower Upper  
138 100  
92 46.5 31.1 71.1  
108 75.8 62.1 102.1

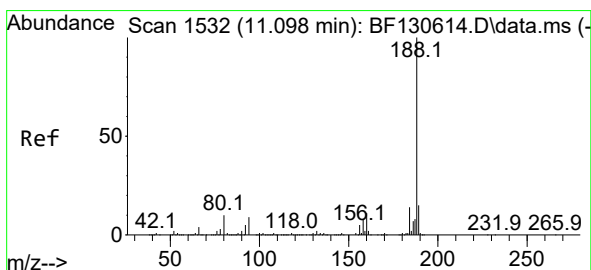
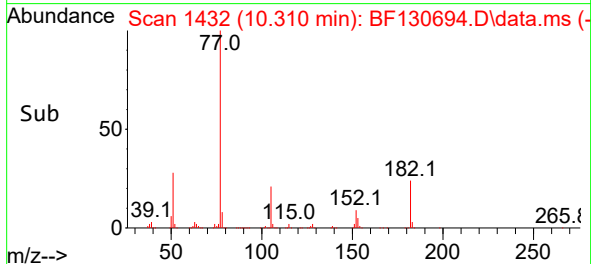
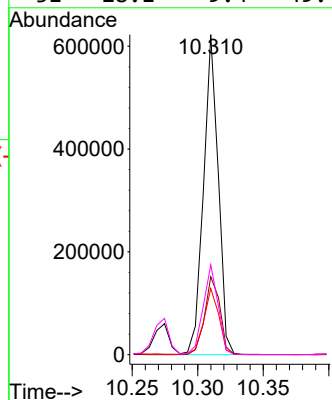
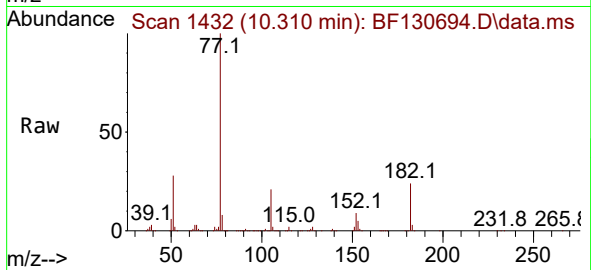




#63  
Azobenzene  
Concen: 39.410 ng  
RT: 10.310 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

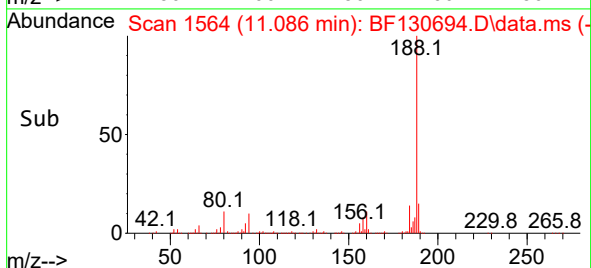
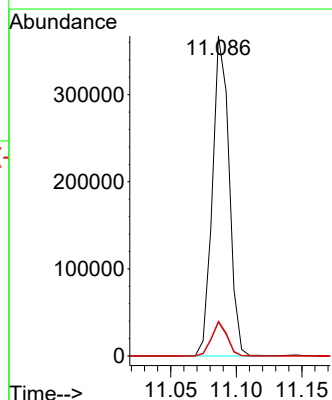
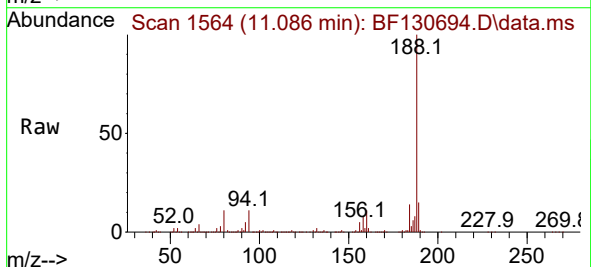
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

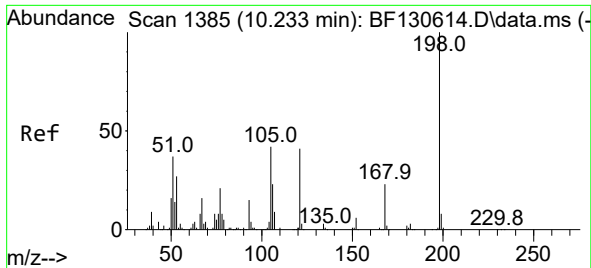
Tgt Ion: 77 Resp: 486589  
Ion Ratio Lower Upper  
77 100  
182 24.3 3.8 43.8  
105 20.7 0.3 40.3  
51 28.1 9.4 49.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.086 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion: 188 Resp: 324953  
Ion Ratio Lower Upper  
188 100  
94 10.5 7.4 11.2  
80 10.9 8.0 12.0

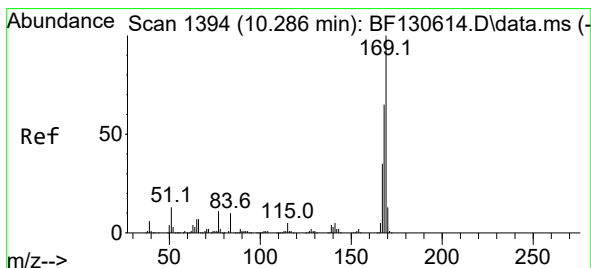
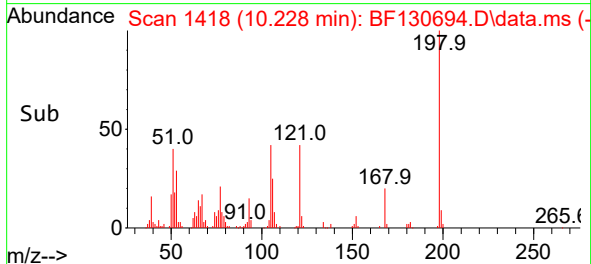
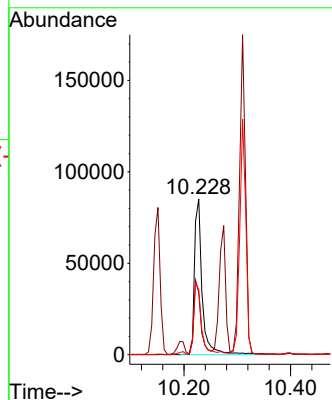
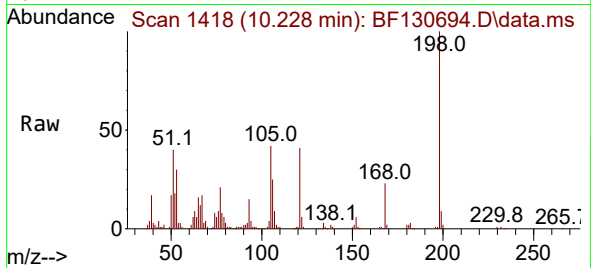




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.662 ng  
RT: 10.228 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

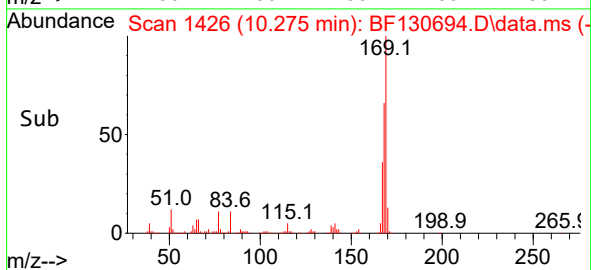
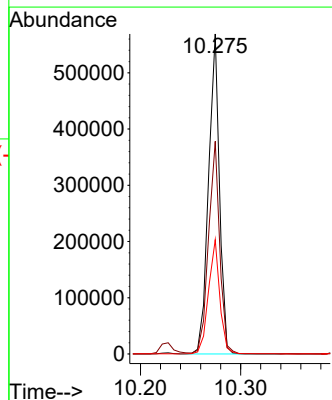
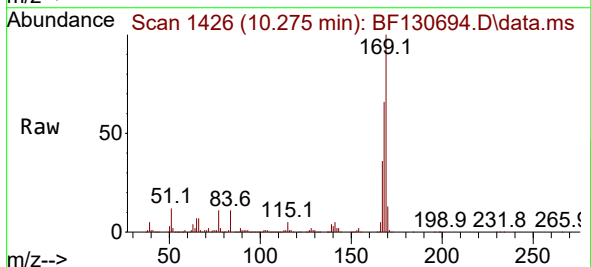
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

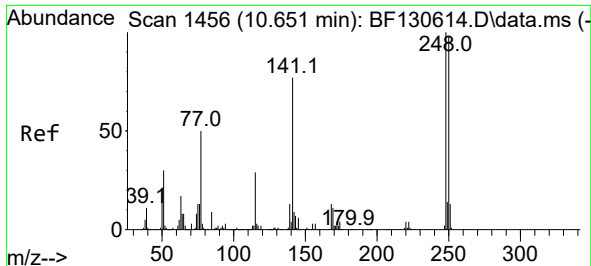
Tgt Ion:198 Resp: 86635  
Ion Ratio Lower Upper  
198 100  
51 39.7 18.7 58.7  
105 41.9 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.158 ng  
RT: 10.275 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:169 Resp: 434082  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.4  
167 35.7 28.3 42.5

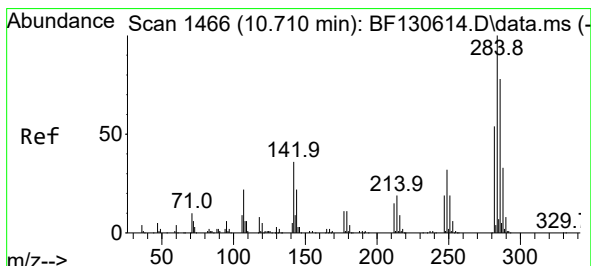
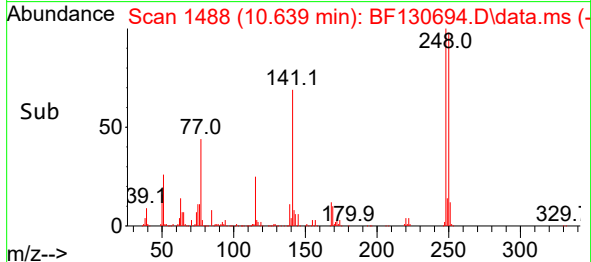
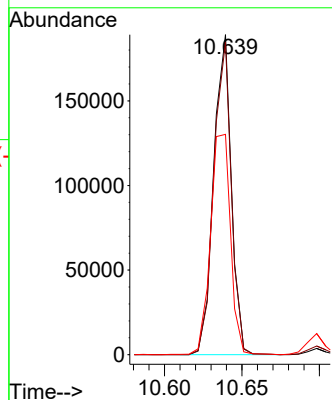
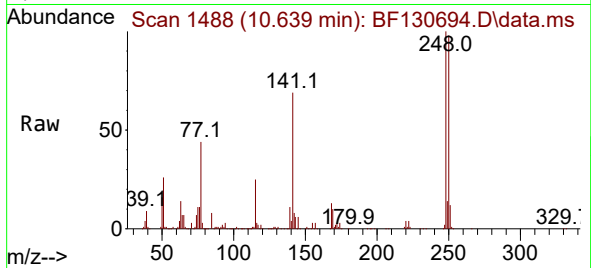




#67  
4-Bromophenyl-phenylether  
Concen: 40.699 ng  
RT: 10.639 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

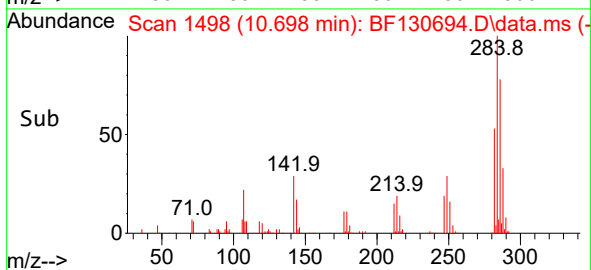
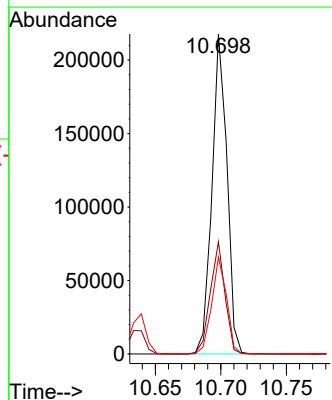
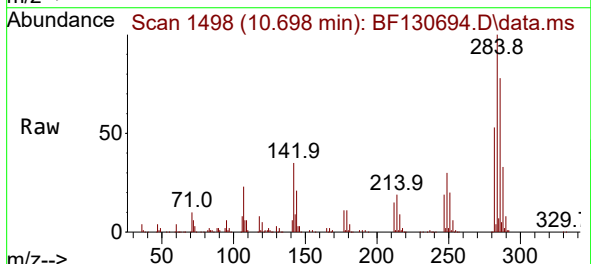
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

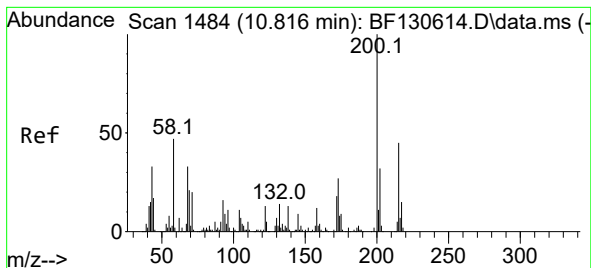
Tgt Ion:248 Resp: 149643  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.7 118.1  
141 68.9 61.6 92.4



#68  
Hexachlorobenzene  
Concen: 41.614 ng  
RT: 10.698 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:284 Resp: 172962  
Ion Ratio Lower Upper  
284 100  
142 35.1 28.6 42.8  
249 30.2 25.2 37.8





#69

Atrazine

Concen: 43.215 ng

RT: 10.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

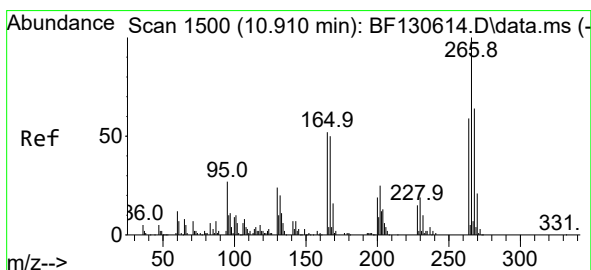
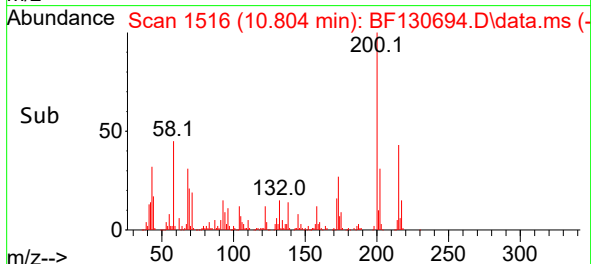
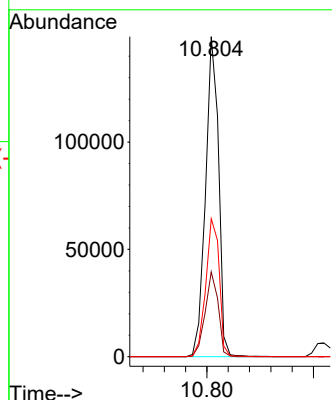
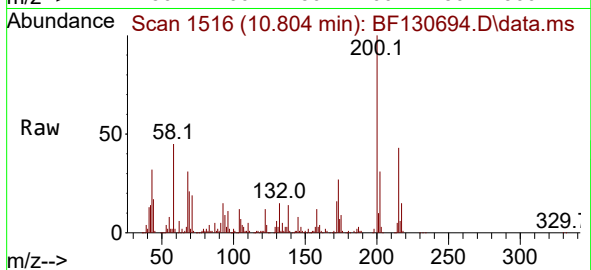
Tgt Ion:200 Resp: 127199

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

215 43.1 24.9 64.9



#70

Pentachlorophenol

Concen: 34.259 ng

RT: 10.910 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

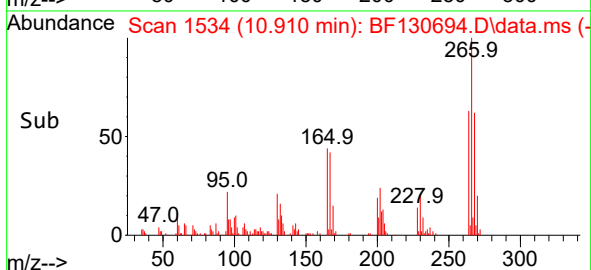
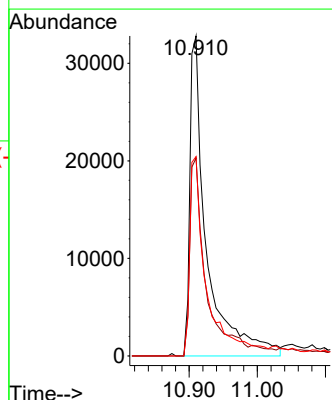
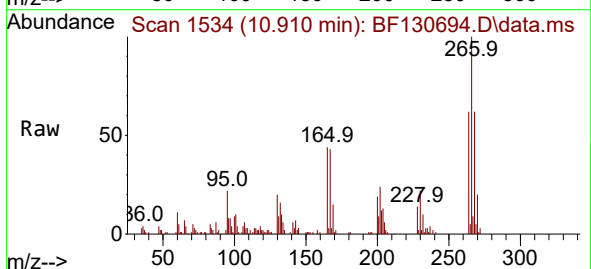
Tgt Ion:266 Resp: 55419

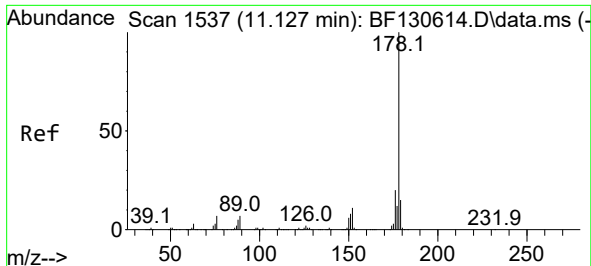
Ion Ratio Lower Upper

266 100

268 61.9 50.8 76.2

264 62.3 47.5 71.3

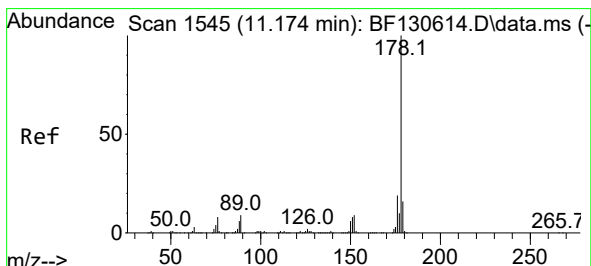
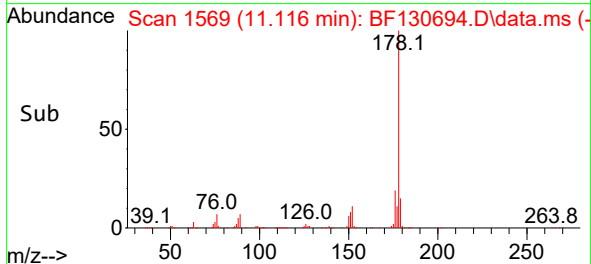
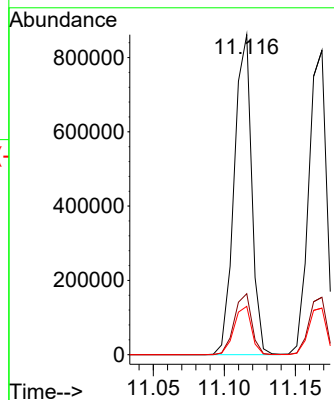
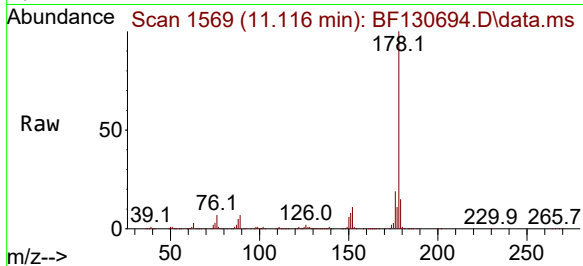




#71  
Phenanthrene  
Concen: 40.993 ng  
RT: 11.116 min Scan# 1578  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

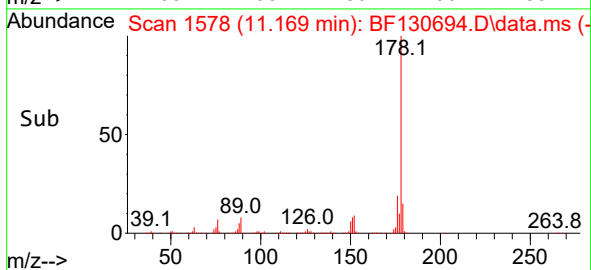
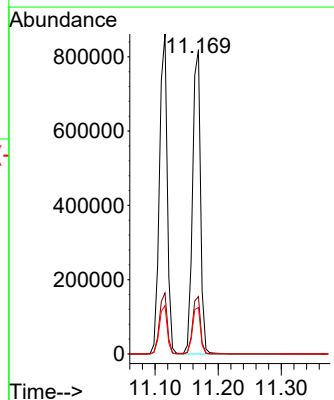
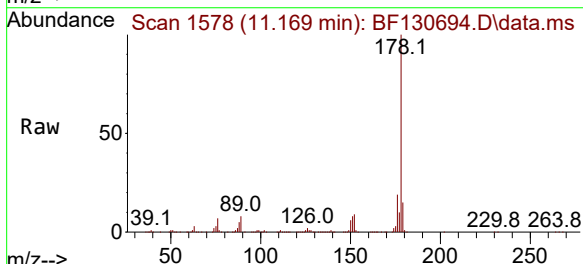
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

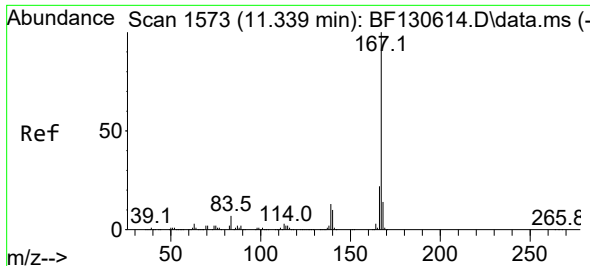
Tgt Ion:178 Resp: 738015  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.7 23.5  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 40.918 ng  
RT: 11.169 min Scan# 1578  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:178 Resp: 719454  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.3 12.5 18.7

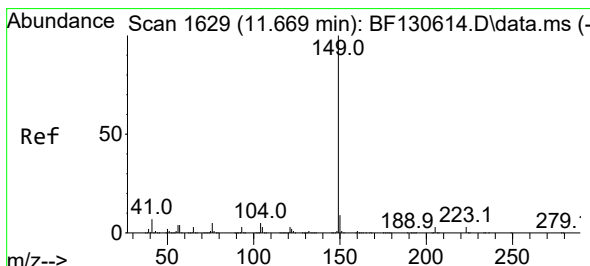
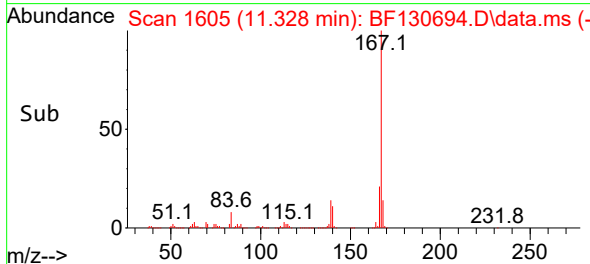
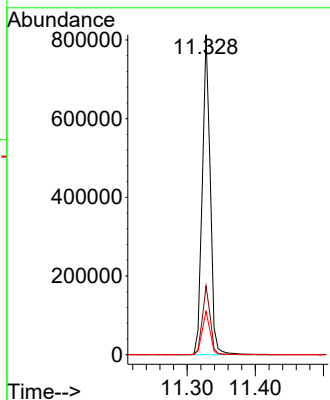
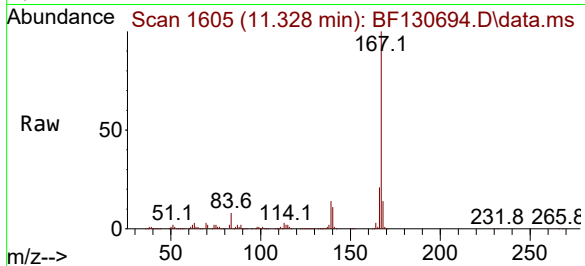




#73  
Carbazole  
Concen: 42.158 ng  
RT: 11.328 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

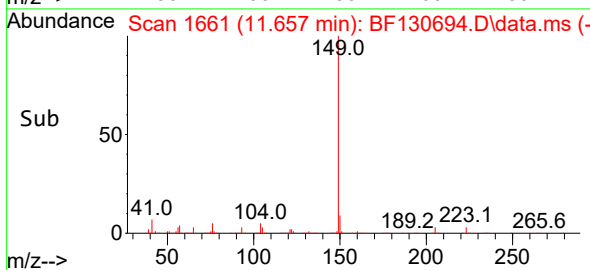
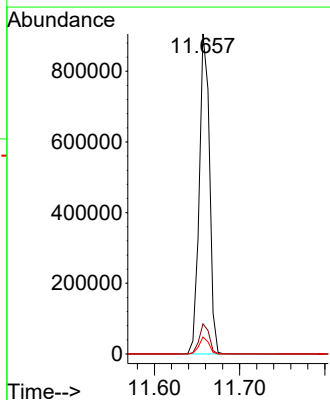
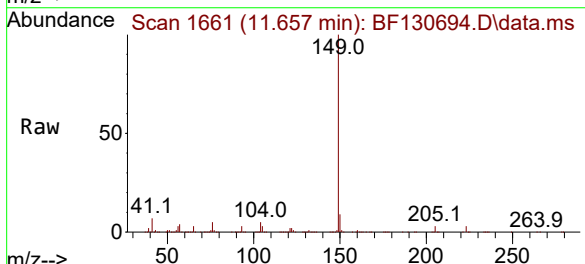
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BNA\_F  
ClientSampleId :  
SSTDCCC040

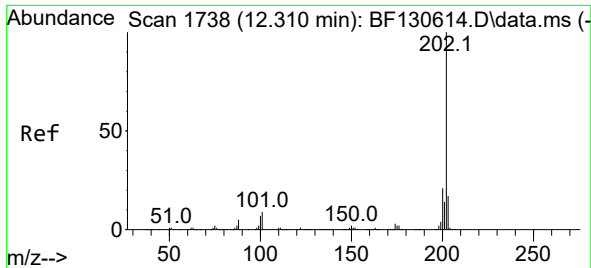
Tgt Ion:167 Resp: 661437  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.3 25.9  
139 13.6 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 39.840 ng  
RT: 11.657 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:149 Resp: 757177  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 5.3 4.2 6.2

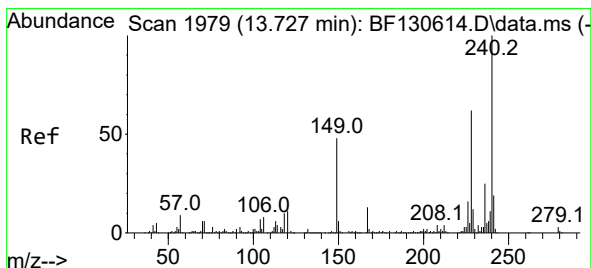
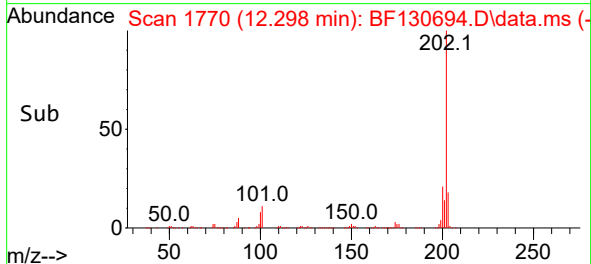
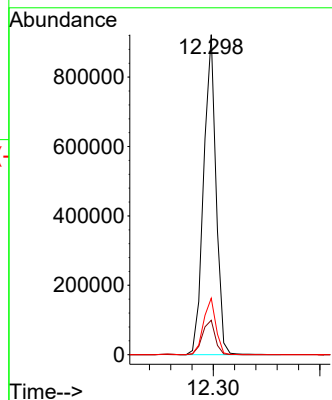
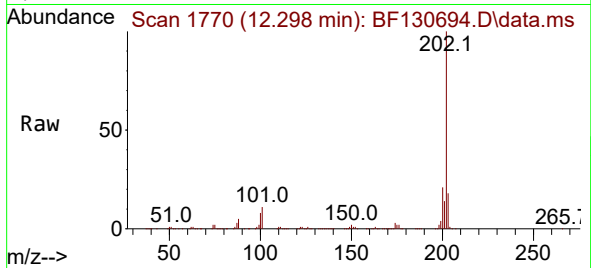




#75  
Fluoranthene  
Concen: 43.017 ng  
RT: 12.298 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

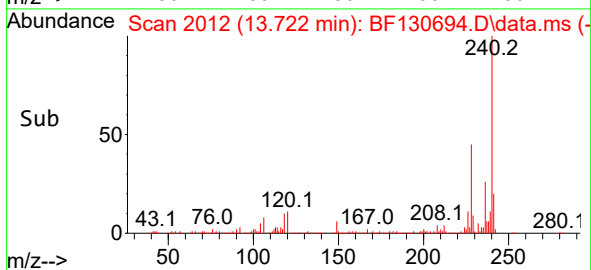
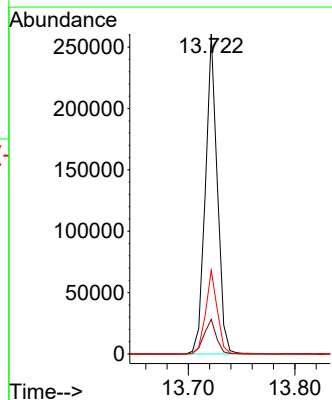
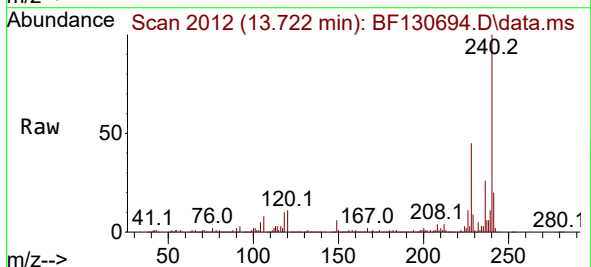
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

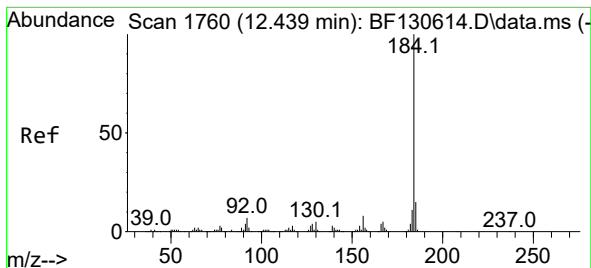
Tgt Ion:202 Resp: 744341  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 29.1  
203 17.7 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.722 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:240 Resp: 203227  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.6 13.0  
236 26.1 20.2 30.4





#77

Benzidine

Concen: 29.087 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

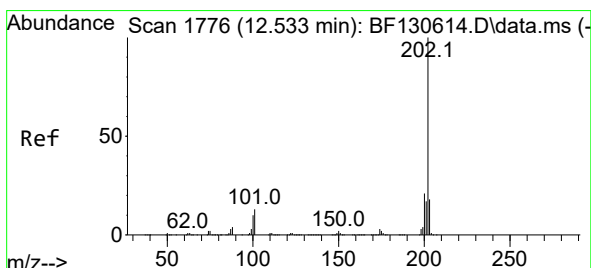
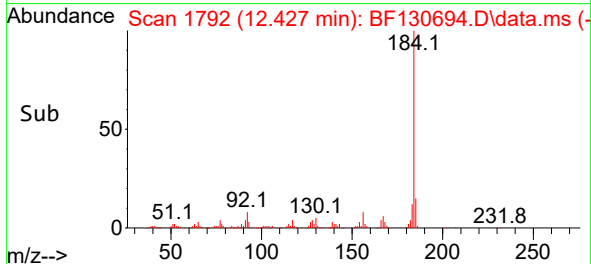
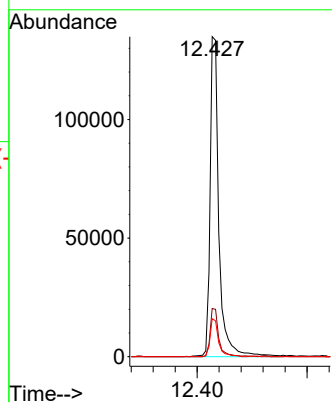
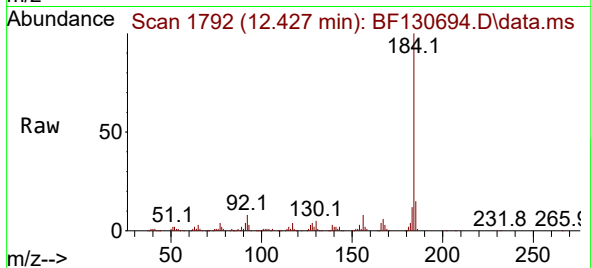
Tgt Ion:184 Resp: 149413

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 11.9 9.0 13.4



#78

Pyrene

Concen: 43.125 ng

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

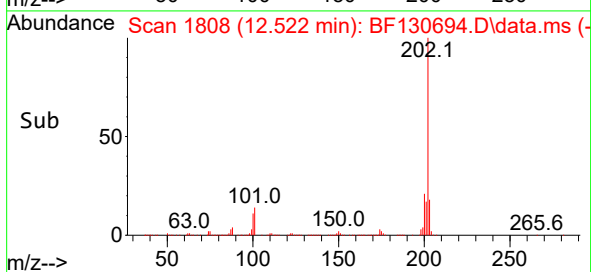
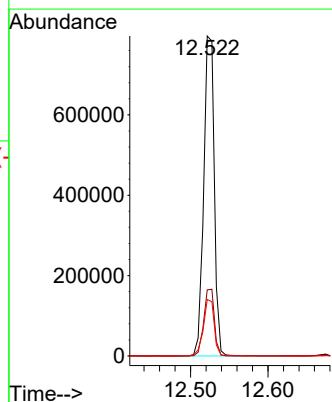
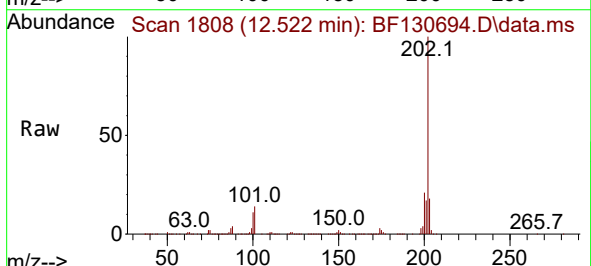
Tgt Ion:202 Resp: 756087

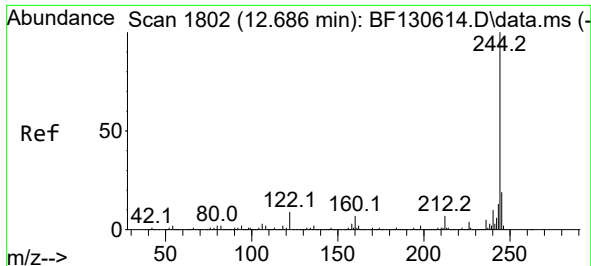
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.7 14.0 21.0

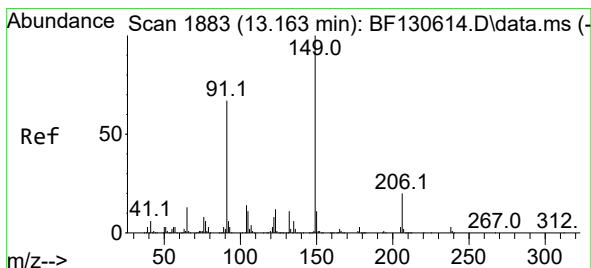
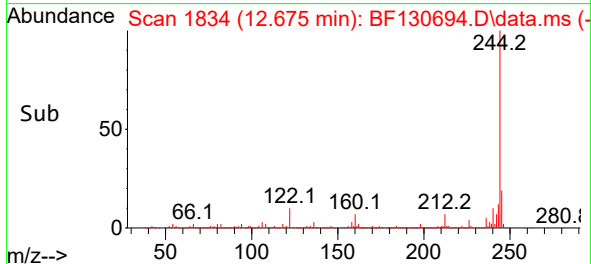
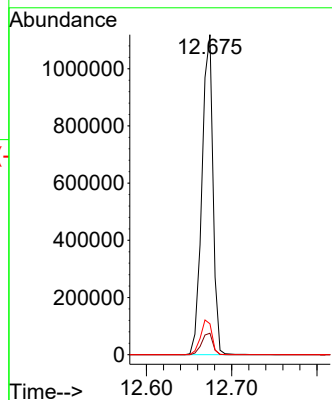
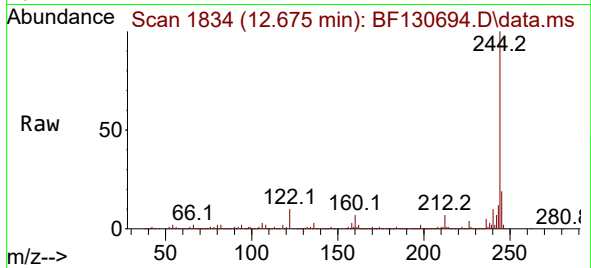




#79  
 Terphenyl-d14  
 Concen: 82.070 ng  
 RT: 12.675 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF130694.D  
 Acq: 18 Oct 2022 12:23

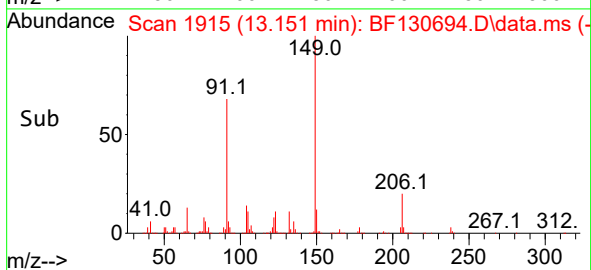
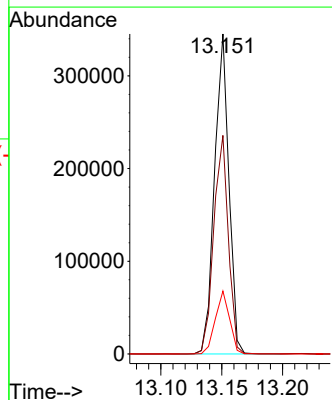
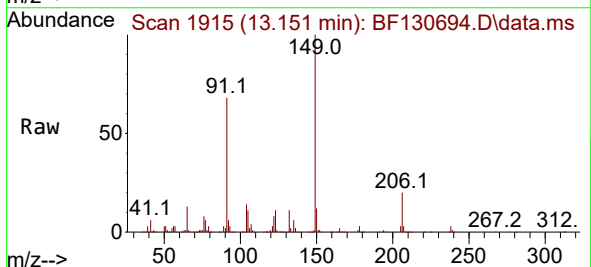
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

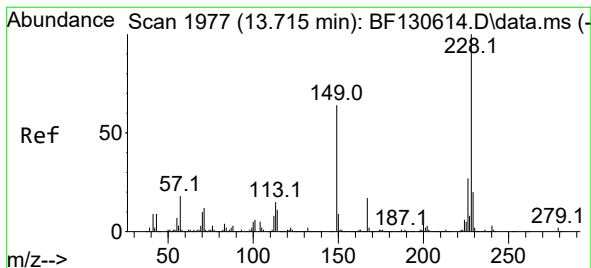
Tgt Ion:244 Resp: 1004907  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.0  
 122 9.7 7.5 11.3



#80  
 Butylbenzylphthalate  
 Concen: 42.001 ng  
 RT: 13.151 min Scan# 1915  
 Delta R.T. 0.000 min  
 Lab File: BF130694.D  
 Acq: 18 Oct 2022 12:23

Tgt Ion:149 Resp: 283161  
 Ion Ratio Lower Upper  
 149 100  
 91 68.3 53.8 80.8  
 206 19.7 15.8 23.6





#81

Benzo(a)anthracene

Concen: 40.126 ng

RT: 13.710 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

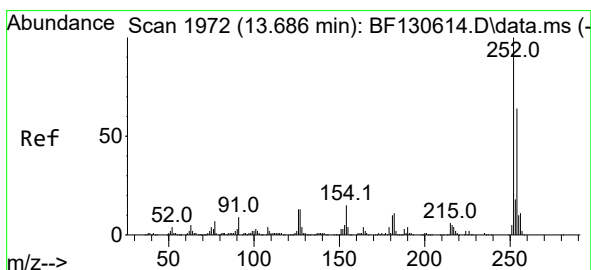
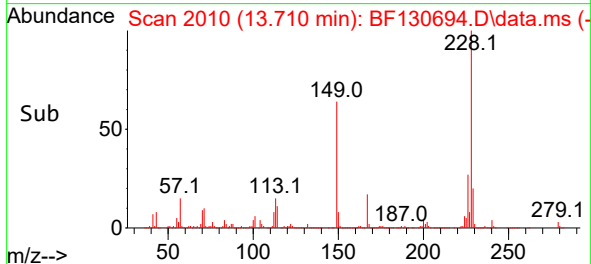
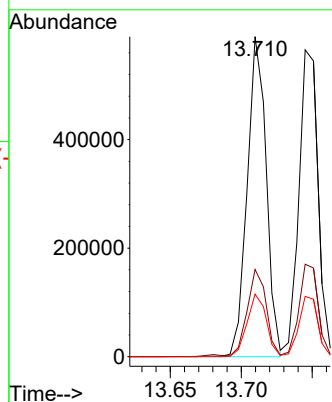
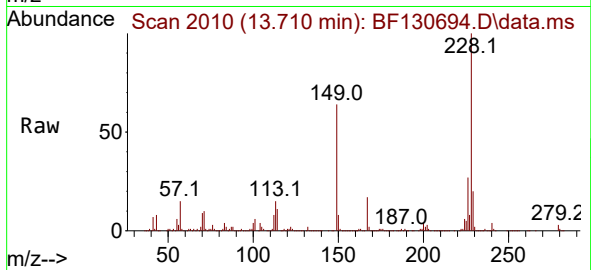
Tgt Ion:228 Resp: 549477

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.422 ng

RT: 13.680 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

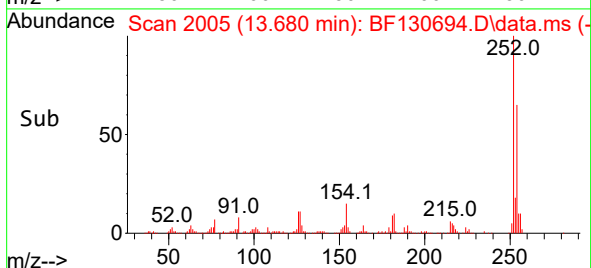
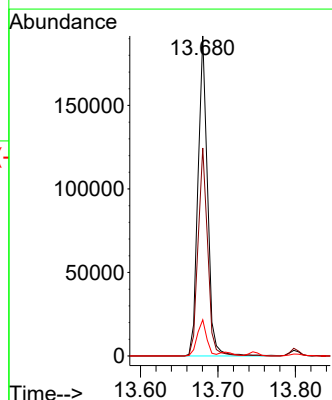
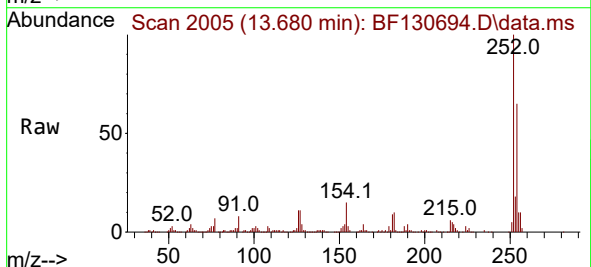
Tgt Ion:252 Resp: 163912

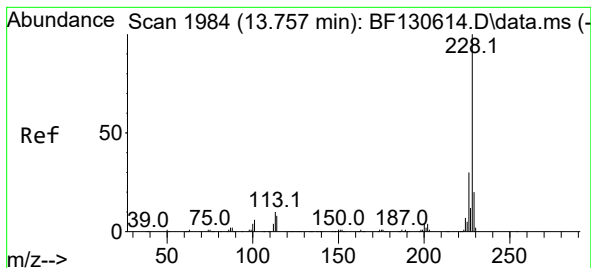
Ion Ratio Lower Upper

252 100

254 65.0 50.9 76.3

126 11.3 10.2 15.4





#83

Chrysene

Concen: 40.952 ng

RT: 13.745 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

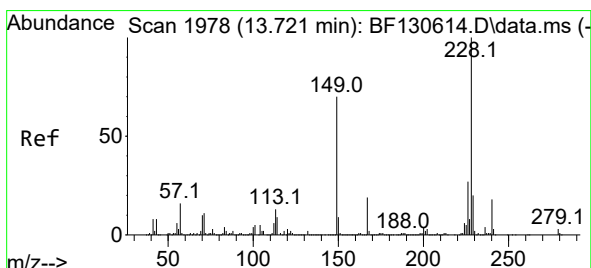
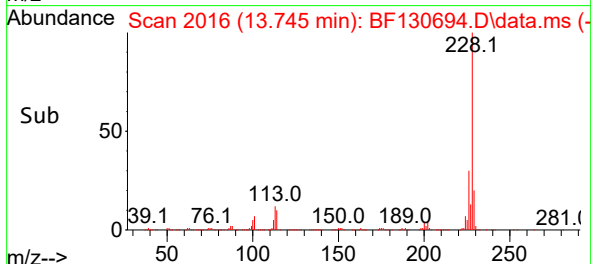
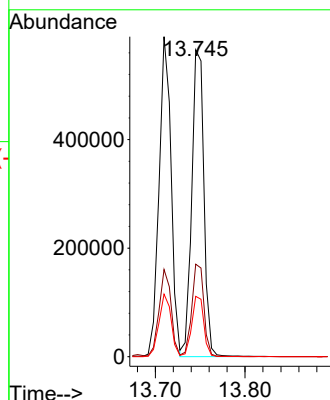
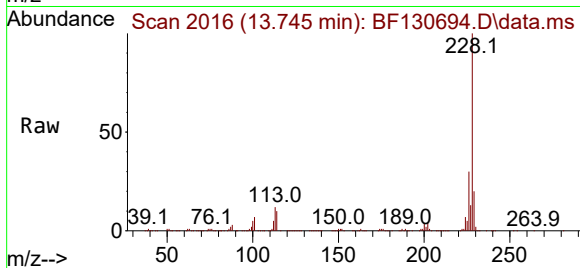
Tgt Ion:228 Resp: 531694

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.048 ng

RT: 13.710 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

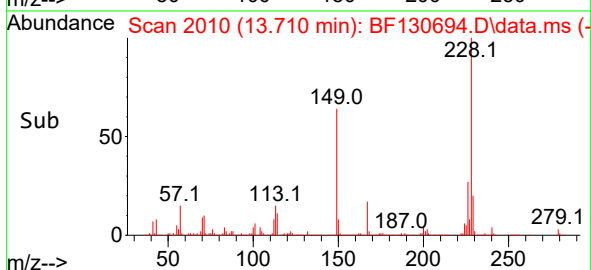
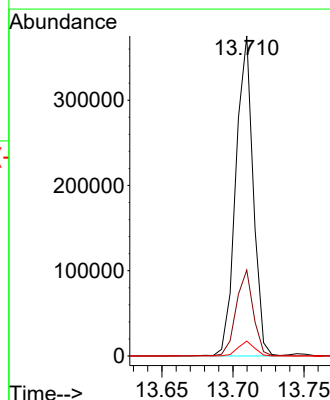
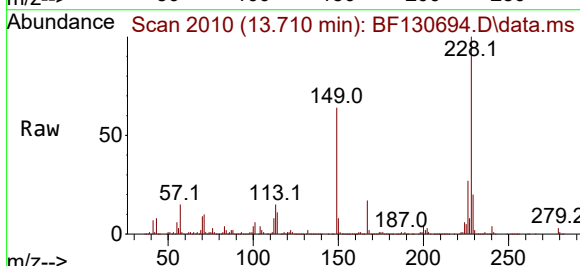
Tgt Ion:149 Resp: 319144

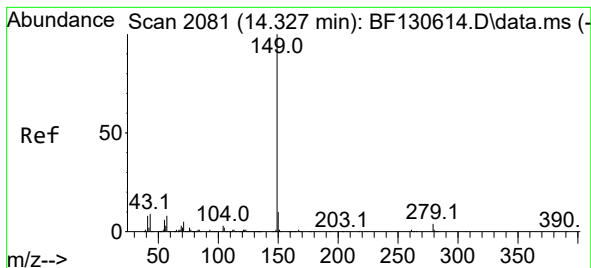
Ion Ratio Lower Upper

149 100

167 26.8 21.9 32.9

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 34.740 ng

RT: 14.316 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

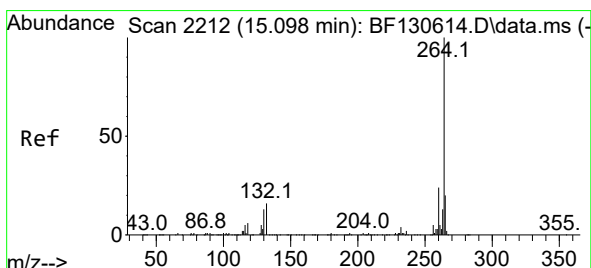
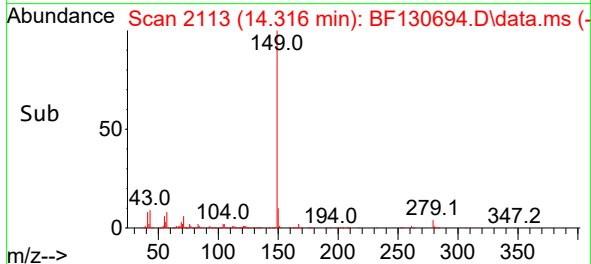
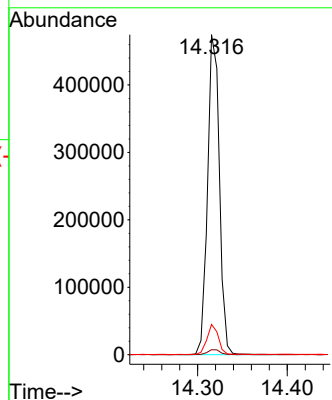
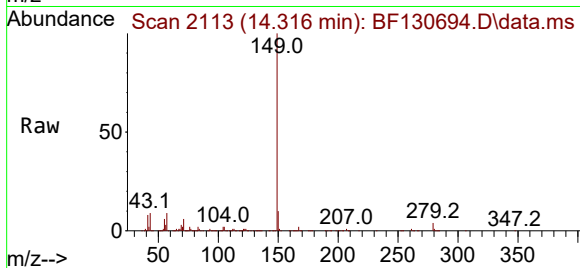
Tgt Ion:149 Resp: 434847

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2246

Delta R.T. 0.012 min

Lab File: BF130694.D

Acq: 18 Oct 2022 12:23

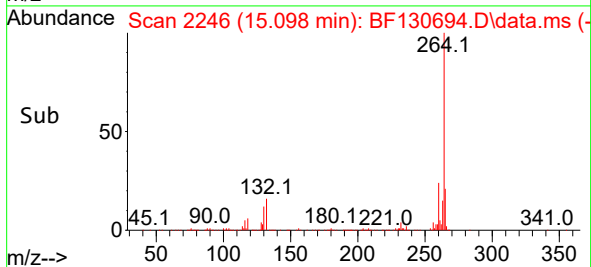
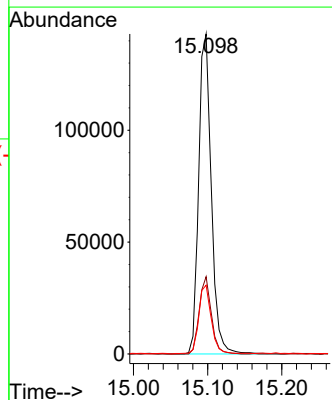
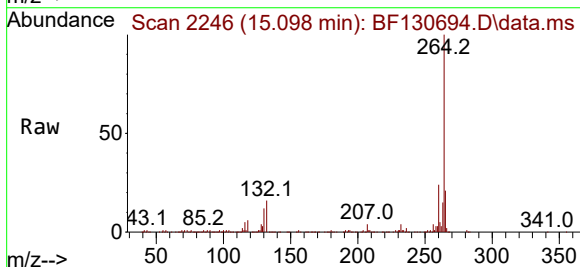
Tgt Ion:264 Resp: 169272

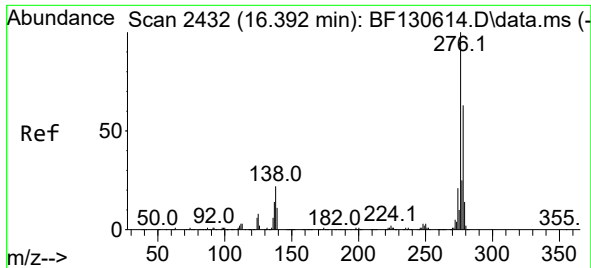
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.5 16.4 24.6

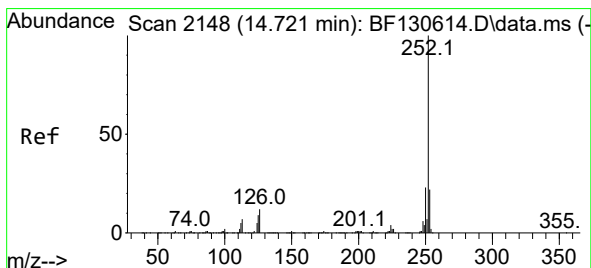
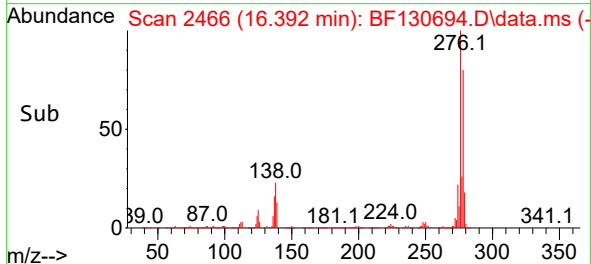
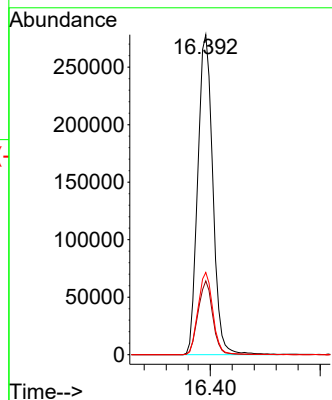
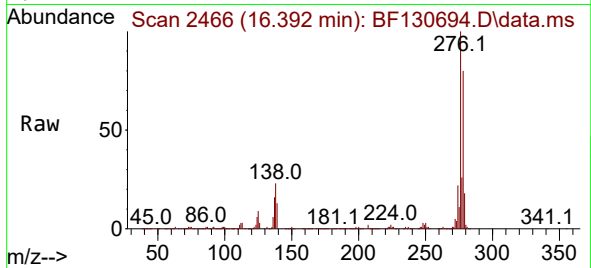




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.662 ng  
RT: 16.392 min Scan# 2432  
Delta R.T. 0.012 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

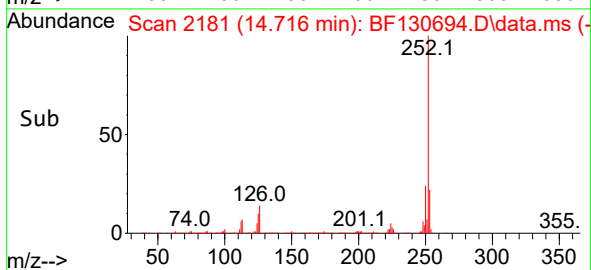
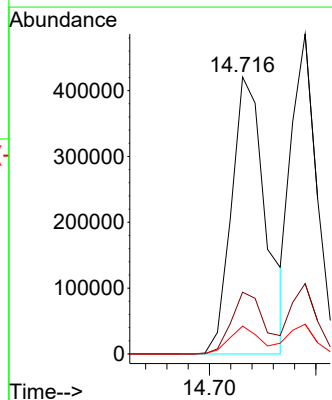
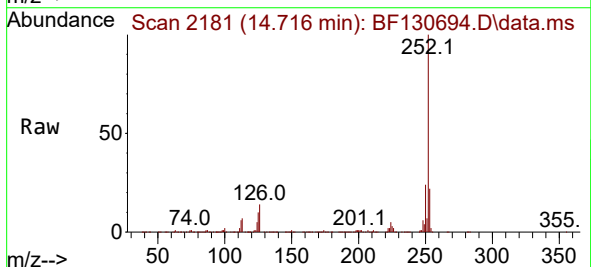
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

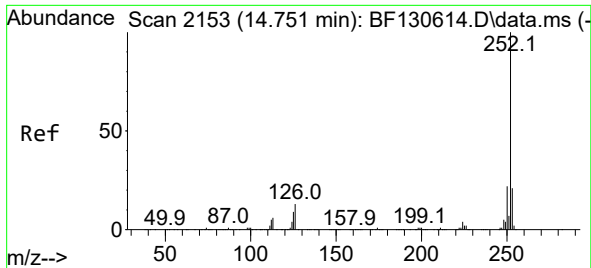
Tgt Ion:276 Resp: 527831  
Ion Ratio Lower Upper  
276 100  
138 22.7 18.0 27.0  
277 25.3 20.0 30.0



#88  
Benzo(b)fluoranthene  
Concen: 43.772 ng  
RT: 14.716 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:252 Resp: 469180  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 10.1 7.4 11.0

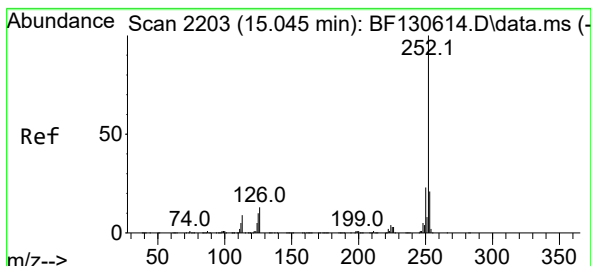
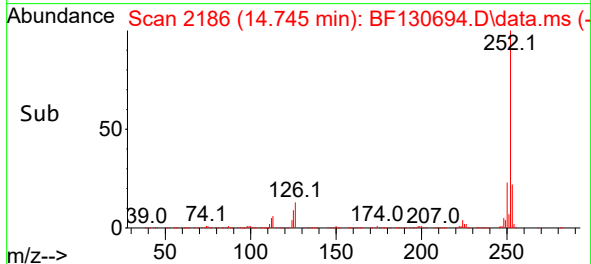
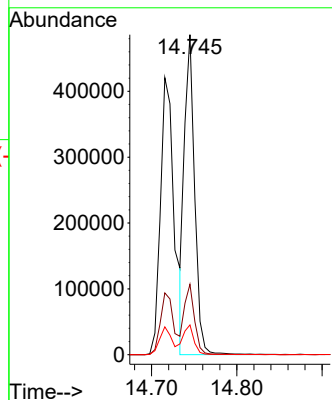
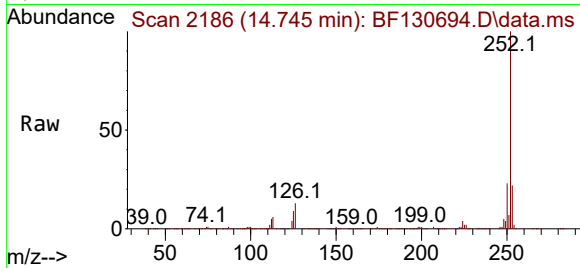




#89  
Benzo(k)fluoranthene  
Concen: 37.221 ng  
RT: 14.745 min Scan# 2153  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

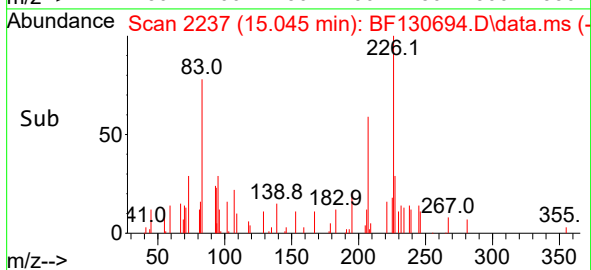
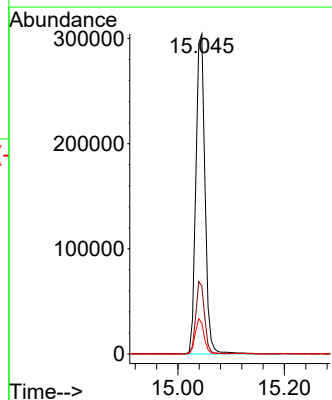
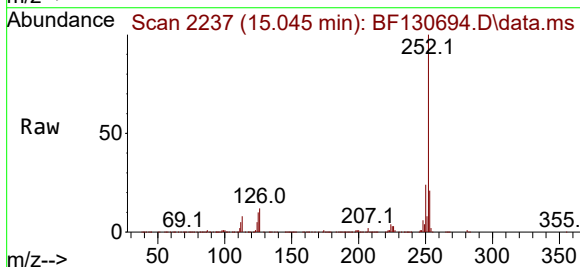
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

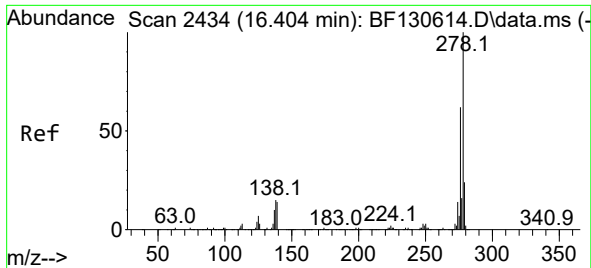
Tgt Ion:252 Resp: 406234  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.0 25.4  
125 9.3 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 40.813 ng  
RT: 15.045 min Scan# 2237  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:252 Resp: 364092  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.0 25.6  
125 9.7 8.4 12.6

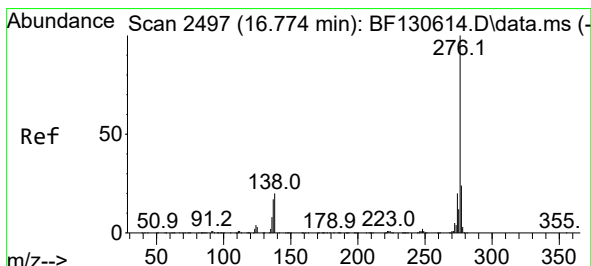
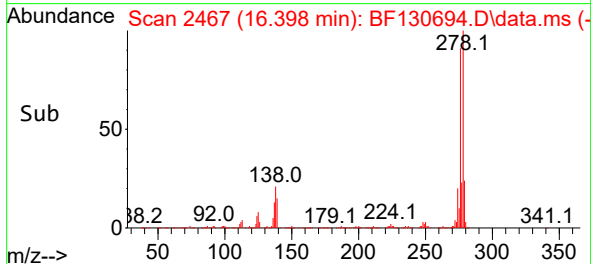
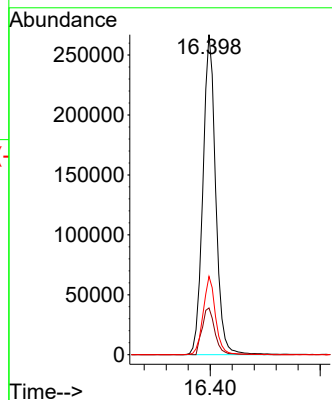
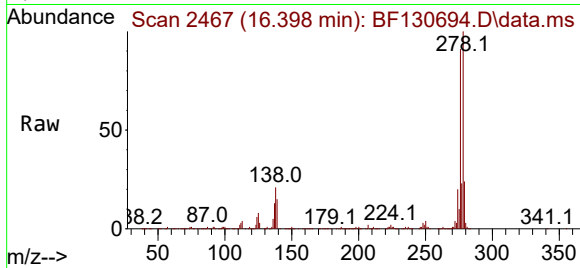




#91  
Dibenzo(a,h)anthracene  
Concen: 41.511 ng  
RT: 16.398 min Scan# 2434  
Delta R.T. 0.006 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 431096  
Ion Ratio Lower Upper  
278 100  
139 14.6 11.1 16.7  
279 24.4 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 45.509 ng  
RT: 16.780 min Scan# 2532  
Delta R.T. 0.012 min  
Lab File: BF130694.D  
Acq: 18 Oct 2022 12:23

Tgt Ion:276 Resp: 440185  
Ion Ratio Lower Upper  
276 100  
277 22.9 18.9 28.3  
138 17.6 15.9 23.9

