

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122022\  
 Data File : BF131710.D  
 Acq On : 20 Dec 2022 13:34  
 Operator : CG\JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Dec 21 02:11:57 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:06:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 97440    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 344417   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 195286   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 373786   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 209964   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.556 | 264  | 180563   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 460165   | 78.786 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 613682   | 80.179 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 685174   | 75.212 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 175293   | 80.792 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1153052  | 74.447 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1214441  | 79.323 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.598  | 88   | 108770   | 41.258 | ng    | 100      |
| 3) Pyridine                   | 3.351  | 79   | 311753   | 42.592 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.328  | 42   | 141960   | 35.167 | ng    | 100      |
| 6) Aniline                    | 6.534  | 93   | 384356   | 41.989 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.651  | 128  | 245594   | 39.678 | ng    | 100      |
| 9) Benzaldehyde               | 6.416  | 77   | 176103   | 33.586 | ng    | 100      |
| 10) Phenol                    | 6.516  | 94   | 369337   | 43.261 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 267866   | 41.856 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 278583   | 38.820 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.886  | 146  | 282409   | 39.015 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 261593   | 37.832 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 276397   | 39.390 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 333748   | 40.372 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 231996   | 41.589 | ng    | 100      |
| 18) Hexachloroethane          | 7.381  | 117  | 112118   | 38.397 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 220958   | 38.500 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 298320   | 39.263 | ng    | 100      |
| 22) Acetophenone              | 7.286  | 105  | 399539   | 37.018 | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 348677   | 37.948 | ng    | 100      |
| 25) Isophorone                | 7.698  | 82   | 571563   | 38.951 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 136013   | 43.409 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 190724   | 39.713 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 305532   | 40.250 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 231486   | 38.982 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 274059   | 37.633 | ng    | 100      |
| 31) Naphthalene               | 8.180  | 128  | 746732   | 38.494 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 145915   | 41.952 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.233  | 127  | 292286   | 40.197 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 182680   | 35.594 | ng    | 100      |
| 35) Caprolactam               | 8.622  | 113  | 69088    | 44.976 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 264090   | 39.605 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 504802   | 38.051 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 488010   | 38.319 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 282883   | 39.131 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 134877   | 36.758 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 184390   | 41.238 | ng    | 100      |

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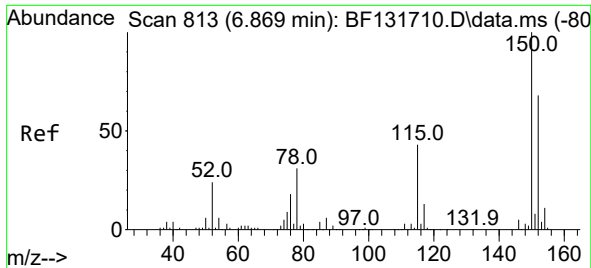
Quant Time: Dec 21 02:11:57 2022  
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 201188   | 41.838 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 618610   | 40.064 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 507570   | 40.348 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.469  | 65   | 181246   | 40.672 | ng    | 100      |
| 49) Acenaphthylene            | 9.786  | 152  | 753751   | 40.807 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 600445   | 40.334 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 132303   | 43.048 | ng    | 100      |
| 52) Acenaphthene              | 9.957  | 154  | 459945   | 37.170 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.880  | 138  | 135306   | 45.886 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 79868    | 51.771 | ng    | 100      |
| 55) Dibenzofuran              | 10.127 | 168  | 699580   | 40.013 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 98269    | 47.972 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 173502   | 42.557 | ng    | 100      |
| 58) Fluorene                  | 10.474 | 166  | 562797   | 39.596 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 156710   | 38.484 | ng    | 97       |
| 60) Diethylphthalate          | 10.345 | 149  | 572625   | 40.083 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 295239   | 37.587 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.504 | 138  | 134121   | 45.899 | ng    | 100      |
| 63) Azobenzene                | 10.627 | 77   | 634491   | 38.940 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 108452   | 45.809 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 469717   | 38.870 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 180503   | 37.538 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.016 | 284  | 197898   | 38.049 | ng    | 100      |
| 69) Atrazine                  | 11.116 | 200  | 158026   | 41.180 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 108566   | 40.546 | ng    | 100      |
| 71) Phenanthrene              | 11.439 | 178  | 809252   | 38.842 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 794490   | 39.195 | ng    | 100      |
| 73) Carbazole                 | 11.651 | 167  | 677461   | 40.946 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 826281   | 40.707 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 879993   | 41.018 | ng    | 100      |
| 77) Benzidine                 | 12.757 | 184  | 158597   | 28.191 | ng    | 100      |
| 78) Pyrene                    | 12.863 | 202  | 872283   | 42.132 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 291770   | 48.697 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 639061   | 42.147 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 169494   | 39.289 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 600797   | 41.678 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 334211   | 46.069 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 458101   | 37.486 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 531560   | 36.073 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 485940   | 40.833 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 480737   | 38.702 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 403854   | 39.765 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.092 | 278  | 439838   | 36.267 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.533 | 276  | 435699   | 35.746 | ng    | 100      |

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

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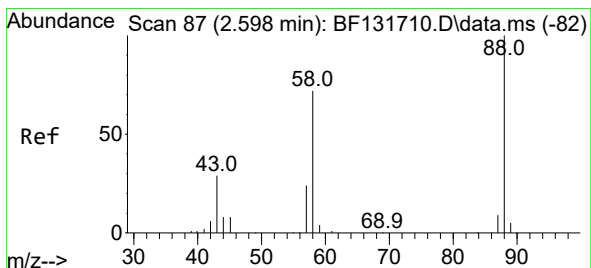
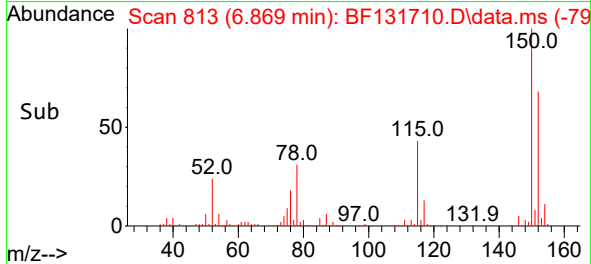
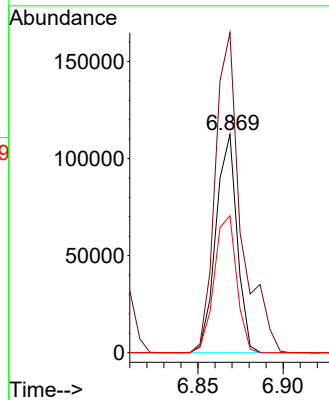
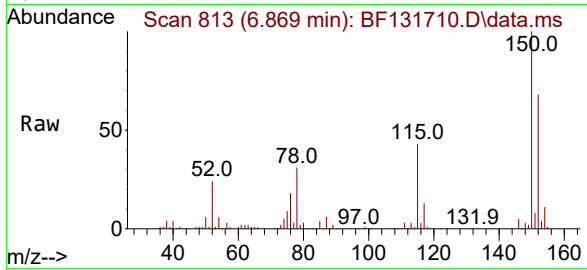




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

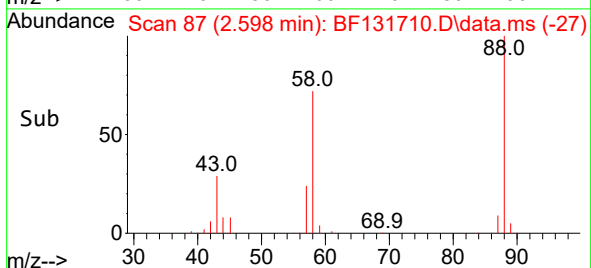
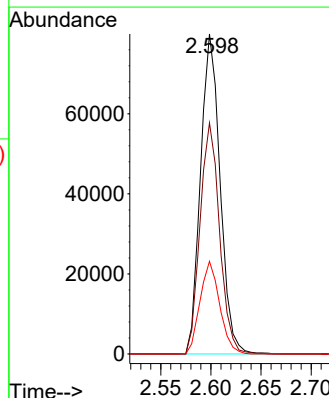
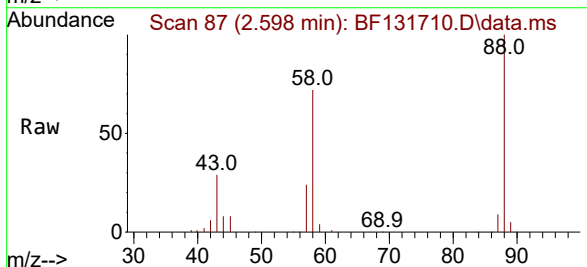
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

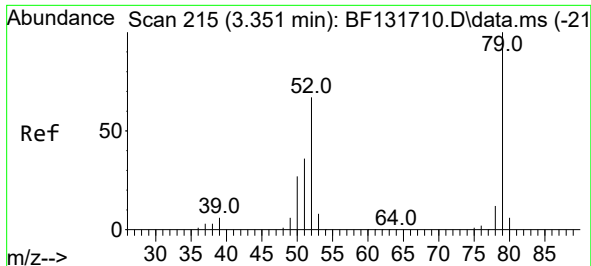
Tgt Ion:152 Resp: 97440  
Ion Ratio Lower Upper  
152 100  
150 146.7 117.4 176.0  
115 62.8 50.2 75.4



#2  
1,4-Dioxane  
Concen: 41.258 ng  
RT: 2.598 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion: 88 Resp: 108770  
Ion Ratio Lower Upper  
88 100  
58 71.9 57.5 86.3  
43 29.1 23.3 34.9

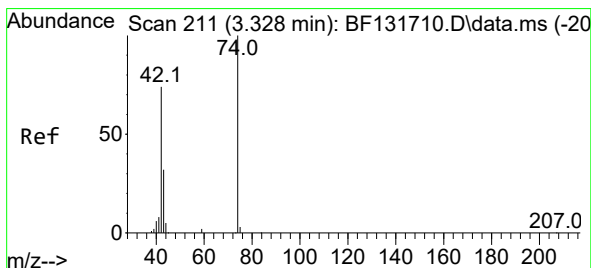
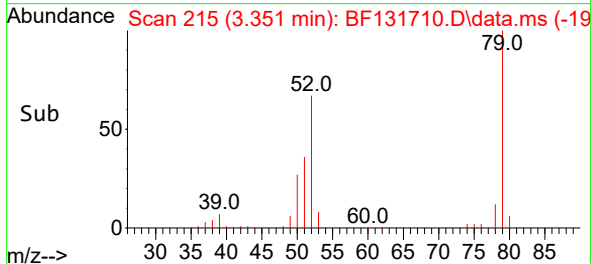
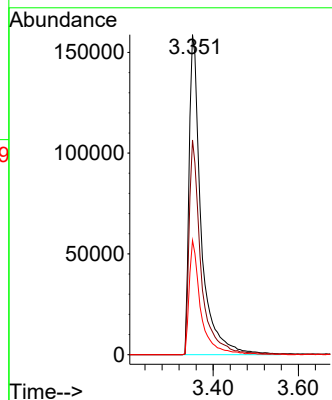
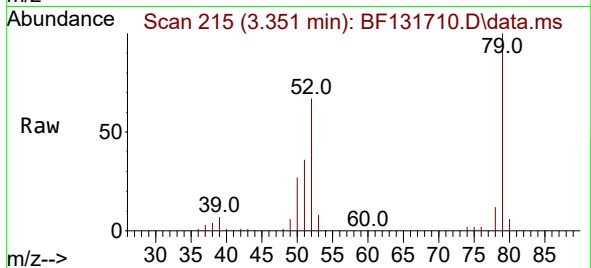




#3  
Pyridine  
Concen: 42.592 ng  
RT: 3.351 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

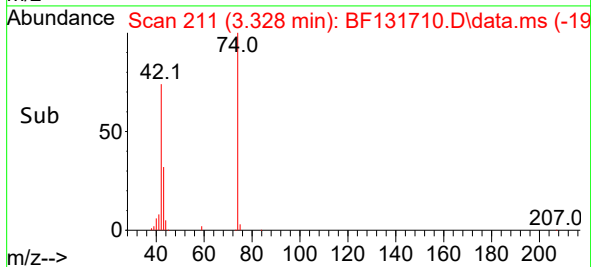
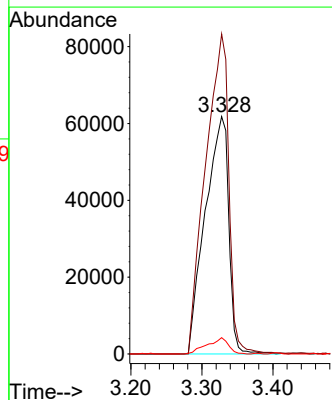
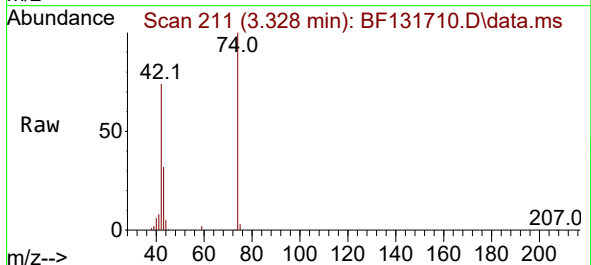
Instrument :  
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ClientSampleId :  
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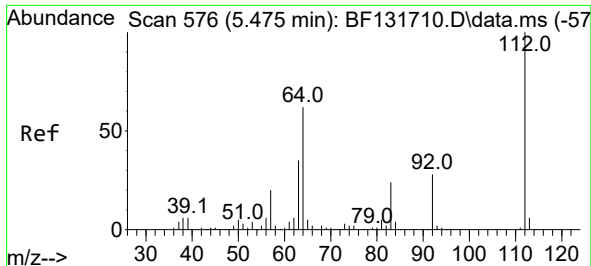
Tgt Ion: 79 Resp: 311753  
Ion Ratio Lower Upper  
79 100  
52 67.1 53.7 80.5  
51 35.7 28.6 42.8



#4  
n-Nitrosodimethylamine  
Concen: 35.167 ng  
RT: 3.328 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion: 42 Resp: 141960  
Ion Ratio Lower Upper  
42 100  
74 134.8 107.8 161.8  
44 6.9 5.5 8.3

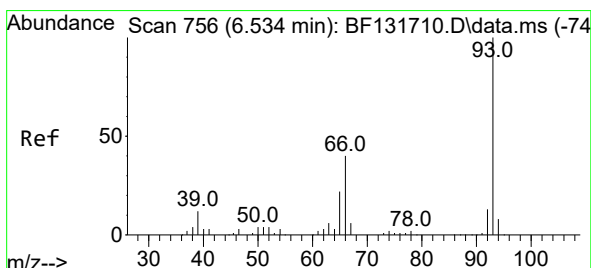
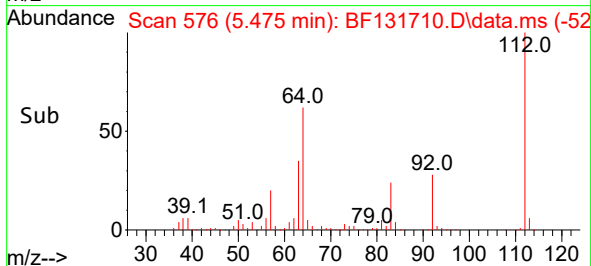
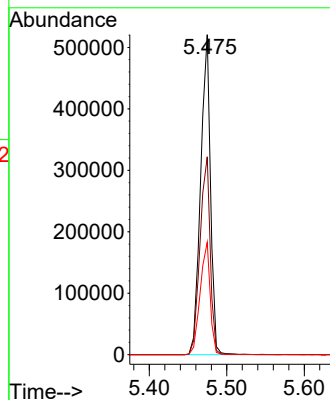
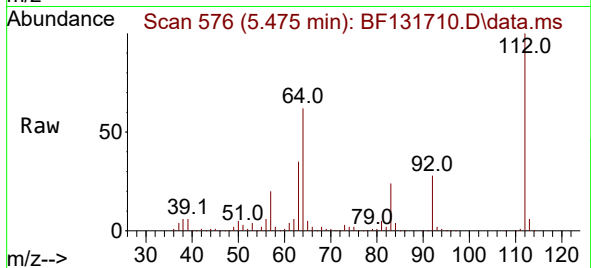




#5  
2-Fluorophenol  
Concen: 78.786 ng  
RT: 5.475 min Scan# 512  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

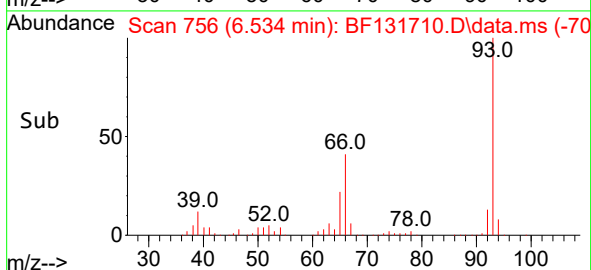
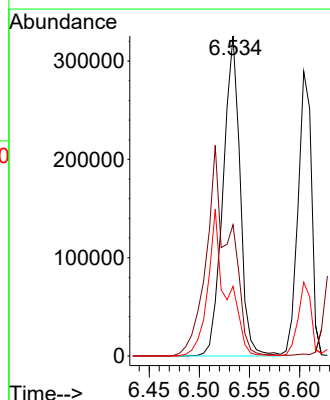
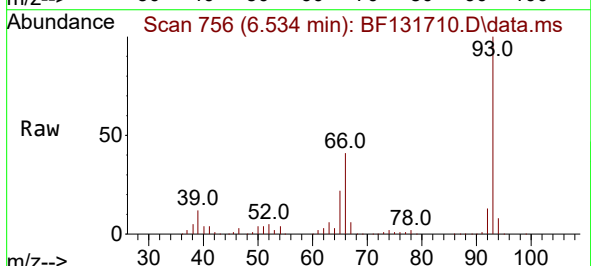
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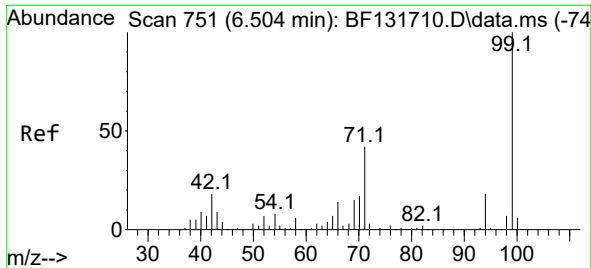
Tgt Ion:112 Resp: 460165  
Ion Ratio Lower Upper  
112 100  
64 61.9 49.5 74.3  
63 35.2 28.2 42.2



#6  
Aniline  
Concen: 41.989 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
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Tgt Ion: 93 Resp: 384356  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.8 49.2  
65 21.8 17.4 26.2

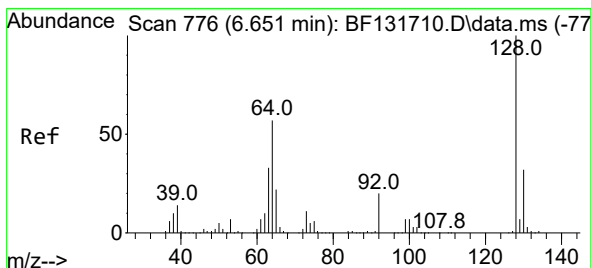
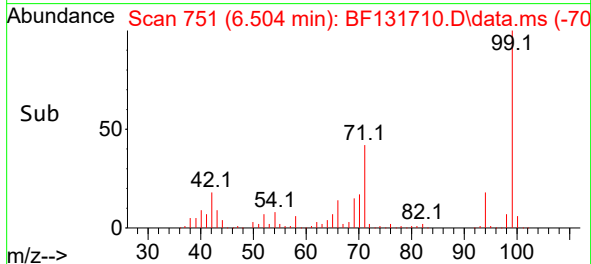
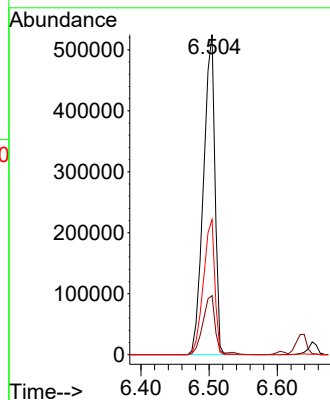
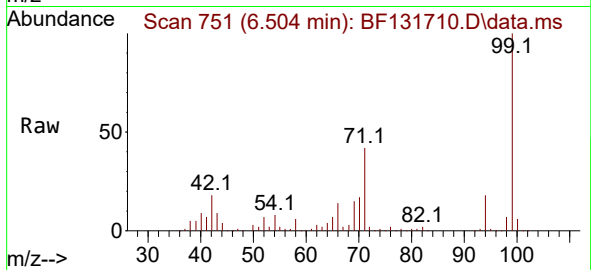




#7  
Phenol-d6  
Concen: 80.179 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

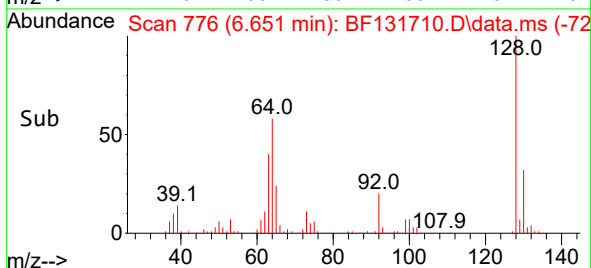
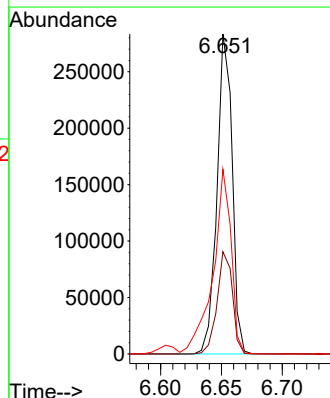
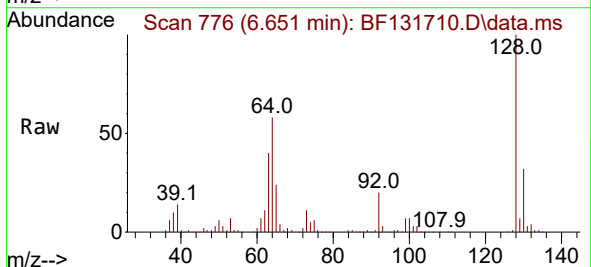
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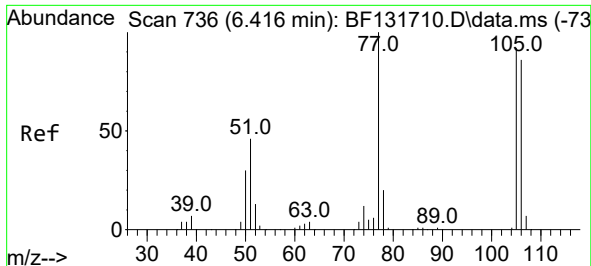
Tgt Ion: 99 Resp: 613682  
Ion Ratio Lower Upper  
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42 18.5 14.8 22.2  
71 42.2 33.8 50.6



#8  
2-Chlorophenol  
Concen: 39.678 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
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Tgt Ion: 128 Resp: 245594  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.0 52.0  
64 57.7 37.7 77.7





#9

Benzaldehyde

Concen: 33.586 ng

RT: 6.416 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF131710.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

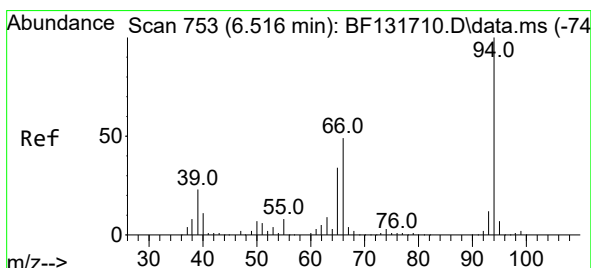
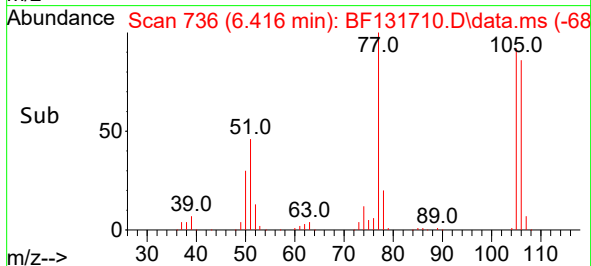
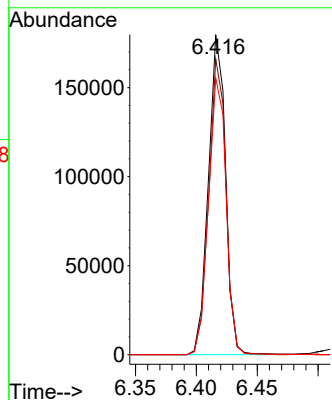
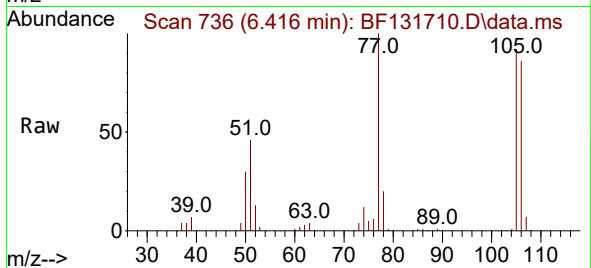
Tgt Ion: 77 Resp: 176103

Ion Ratio Lower Upper

77 100

105 92.4 72.4 112.4

106 86.5 66.5 106.5



#10

Phenol

Concen: 43.261 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

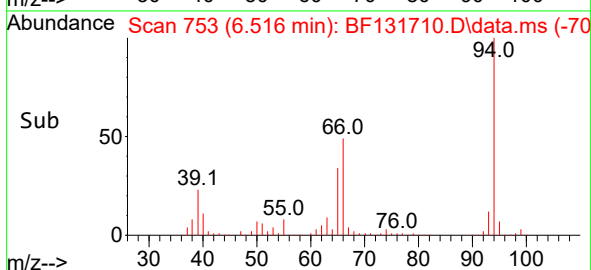
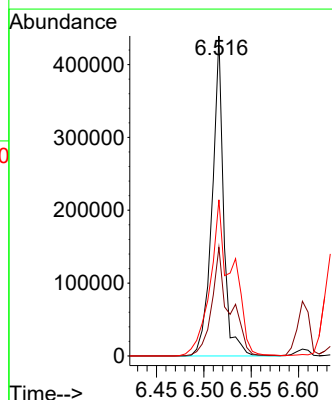
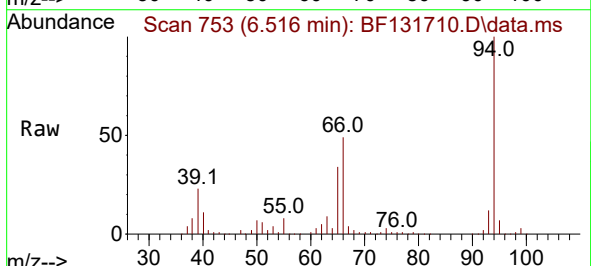
Tgt Ion: 94 Resp: 369337

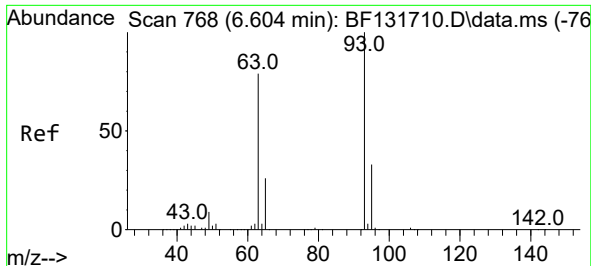
Ion Ratio Lower Upper

94 100

65 34.0 14.0 54.0

66 48.8 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 41.856 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

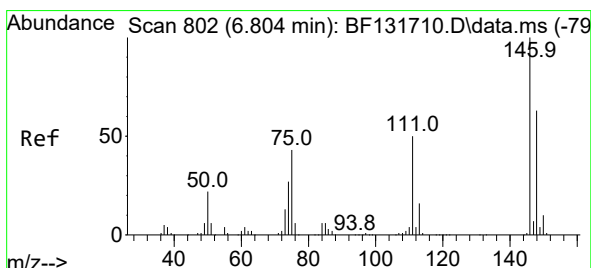
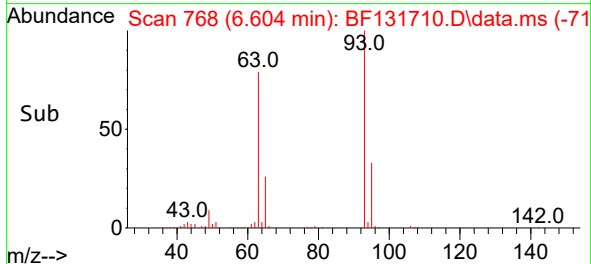
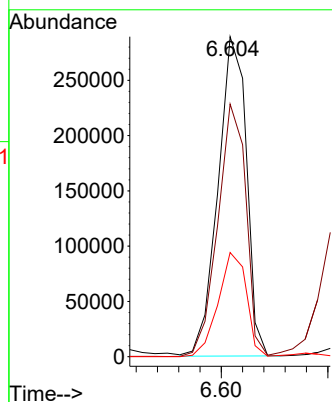
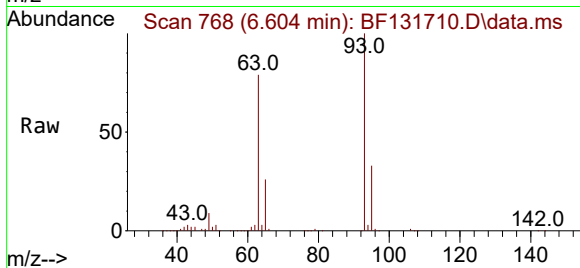
Tgt Ion: 93 Resp: 267866

Ion Ratio Lower Upper

93 100

63 79.0 59.0 99.0

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.820 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

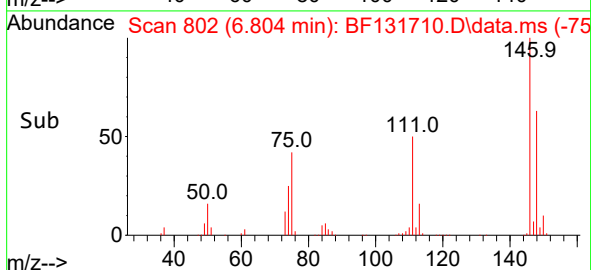
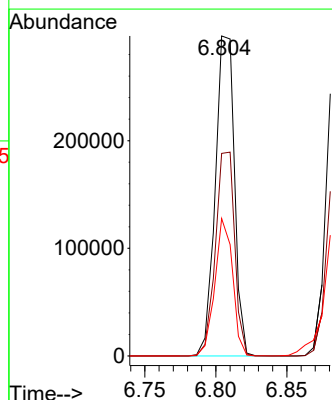
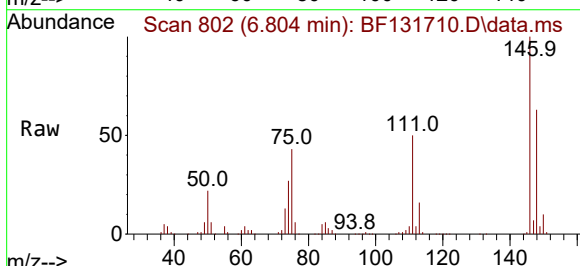
Tgt Ion: 146 Resp: 278583

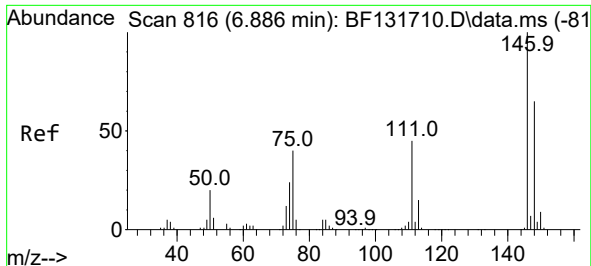
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

75 42.9 34.3 51.5

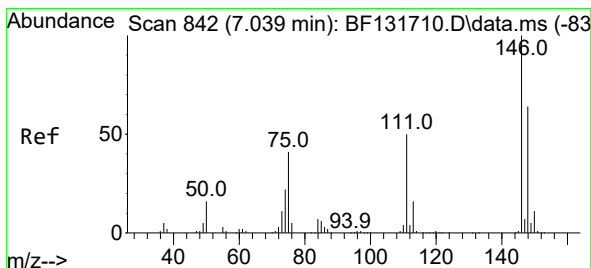
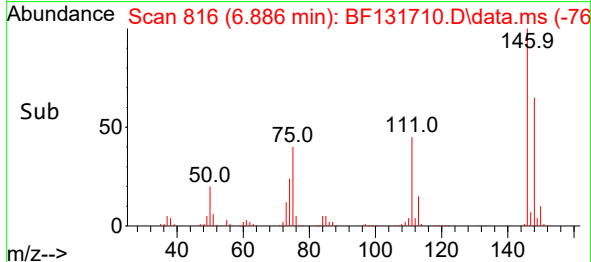
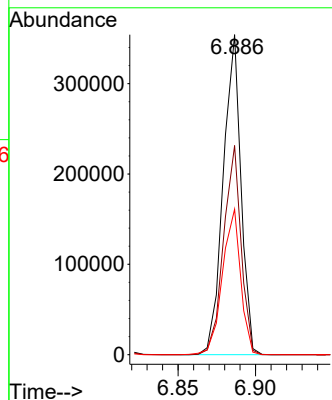
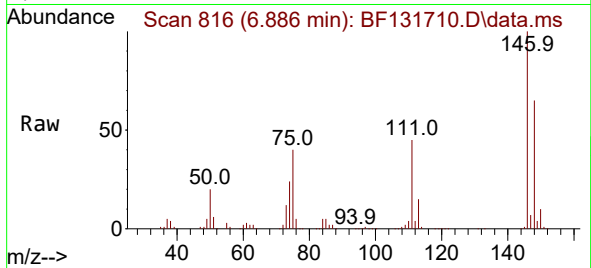




#13  
1,4-Dichlorobenzene  
Concen: 39.015 ng  
RT: 6.886 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

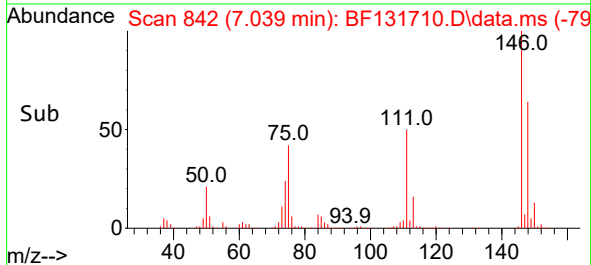
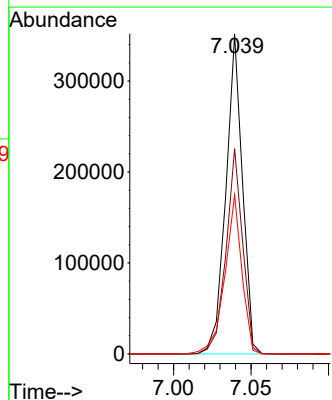
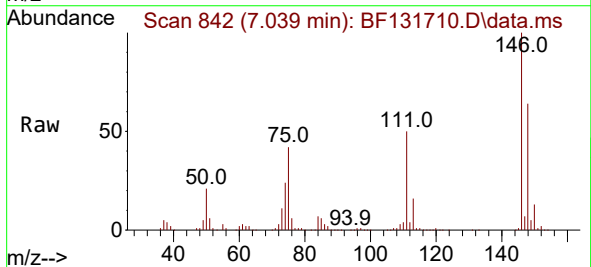
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

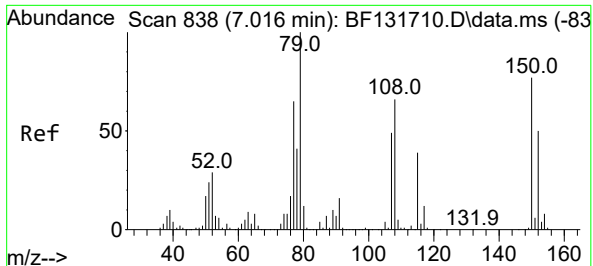
Tgt Ion:146 Resp: 282409  
Ion Ratio Lower Upper  
146 100  
148 65.3 52.2 78.4  
111 45.5 36.4 54.6



#14  
1,2-Dichlorobenzene  
Concen: 37.832 ng  
RT: 7.039 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:146 Resp: 261593  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.0  
111 49.7 39.8 59.6





#15

Benzyl Alcohol

Concen: 39.390 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

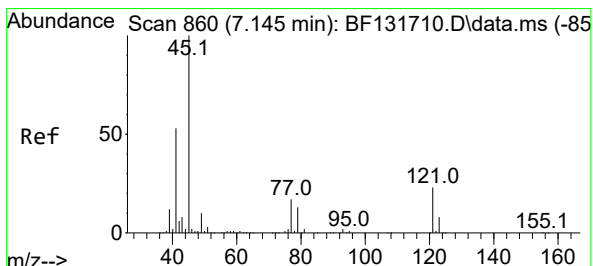
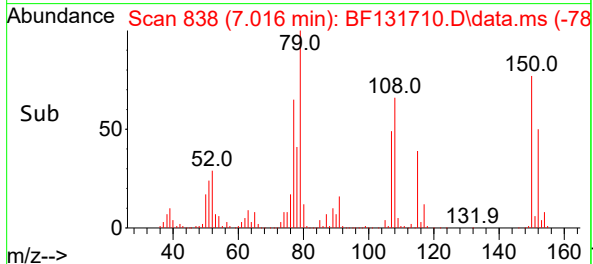
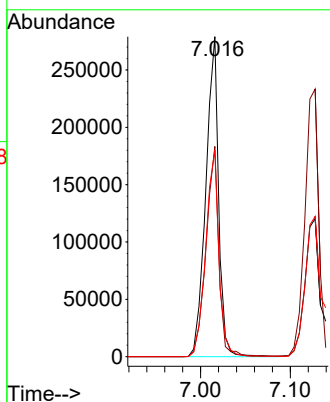
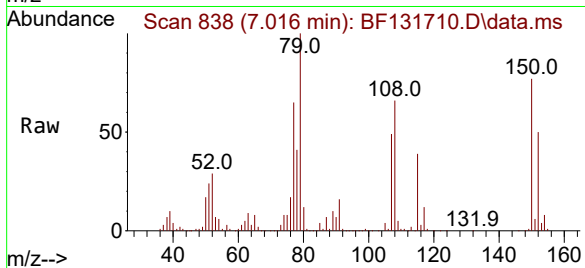
Tgt Ion: 79 Resp: 276397

Ion Ratio Lower Upper

79 100

108 65.7 52.6 78.8

77 64.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.372 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

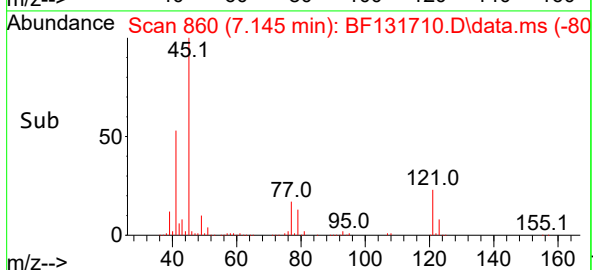
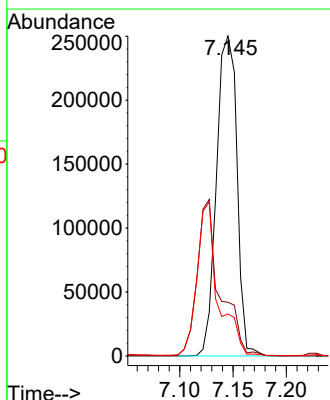
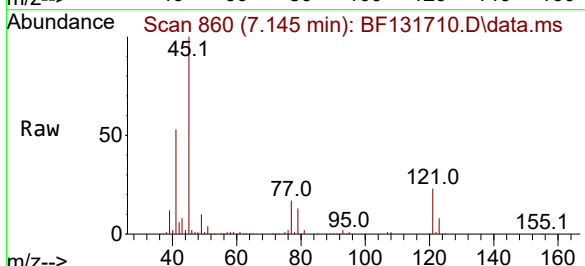
Tgt Ion: 45 Resp: 333748

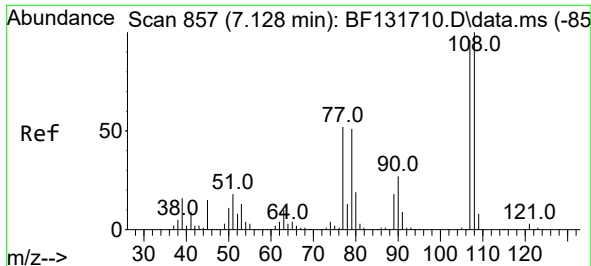
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.8

79 13.1 0.0 33.1

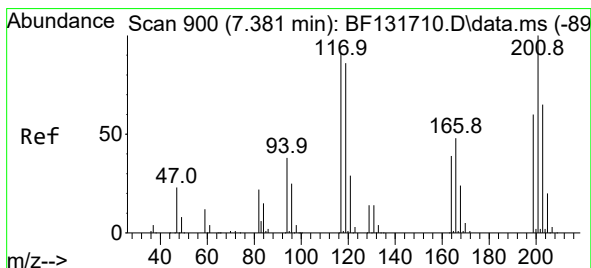
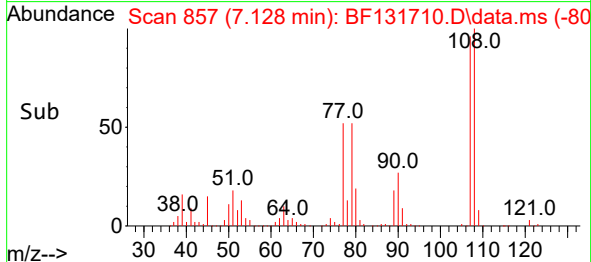
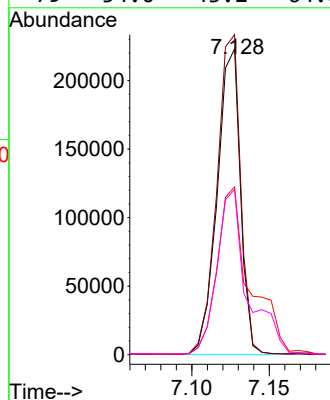
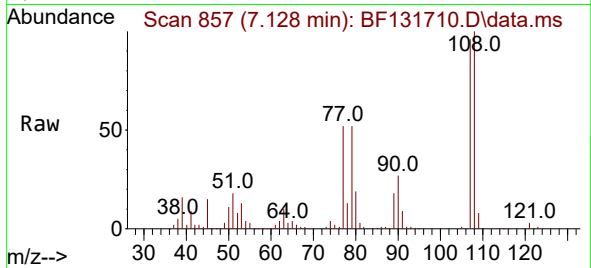




#17  
2-Methylphenol  
Concen: 41.589 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

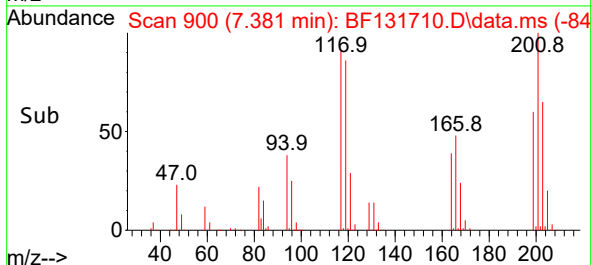
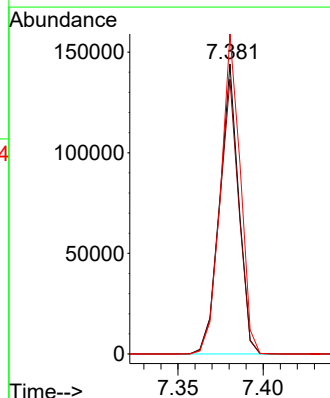
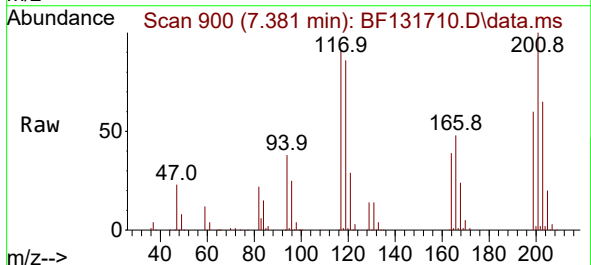
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

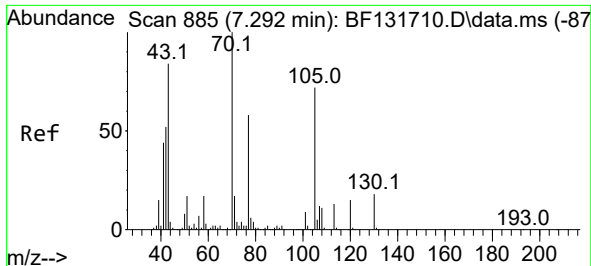
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 231996 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 104.7 | 83.8  | 125.6  |
| 77       | 54.8  | 43.8  | 65.8   |
| 79       | 54.0  | 43.2  | 64.8   |



#18  
Hexachloroethane  
Concen: 38.397 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112118 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.8  | 75.8  | 113.8  |
| 201      | 110.3 | 88.2  | 132.4  |

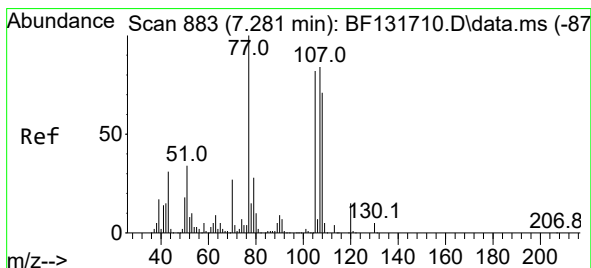
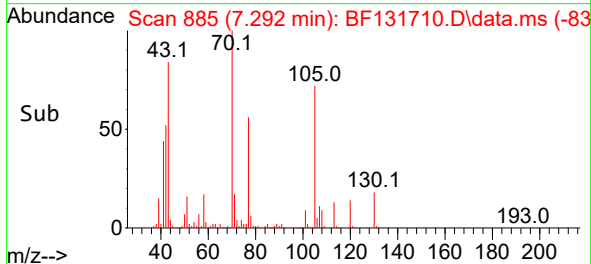
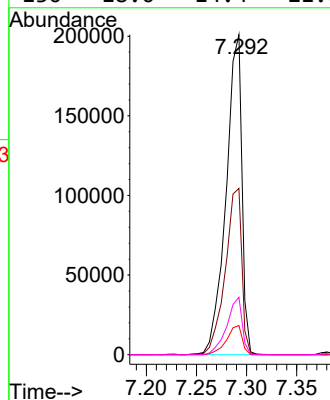
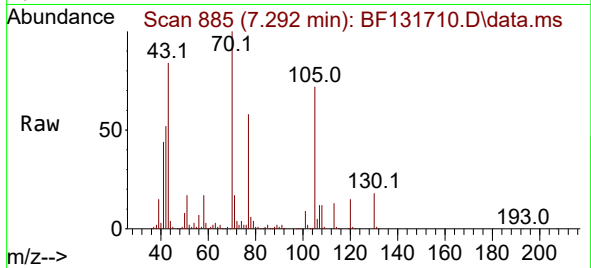




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.500 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

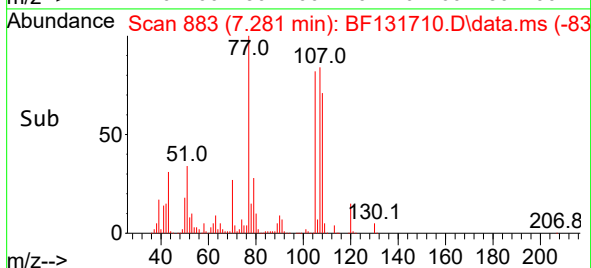
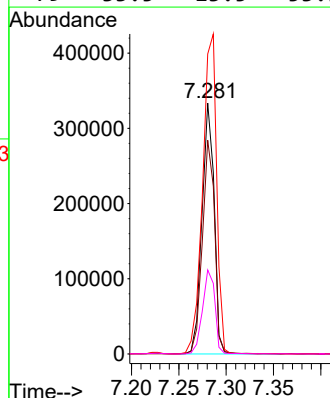
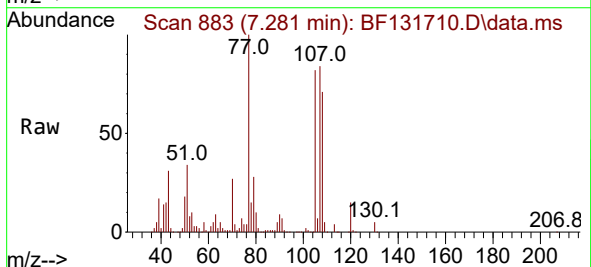
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

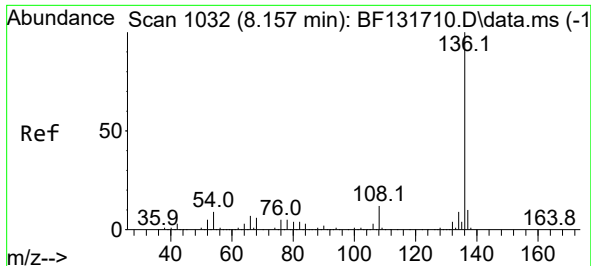
Tgt Ion: 70 Resp: 220958  
Ion Ratio Lower Upper  
70 100  
42 51.9 41.5 62.3  
101 9.1 7.3 10.9  
130 18.0 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 39.263 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion: 107 Resp: 298320  
Ion Ratio Lower Upper  
107 100  
108 85.2 65.2 105.2  
77 119.6 99.6 139.6  
79 33.5 13.5 53.5

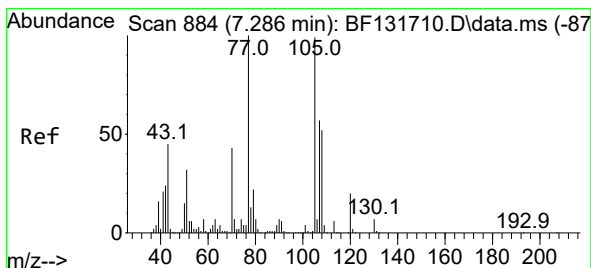
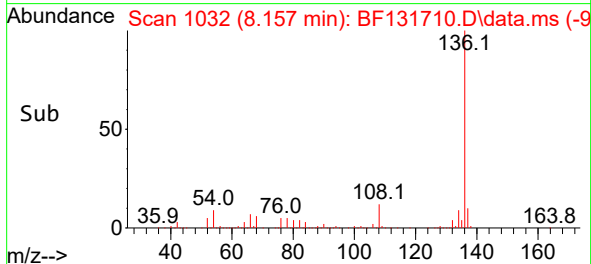
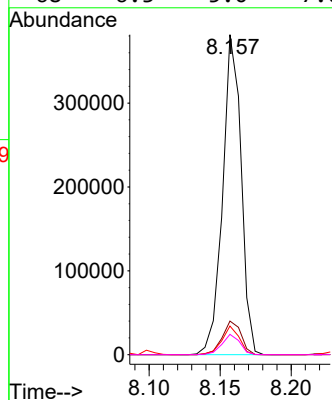
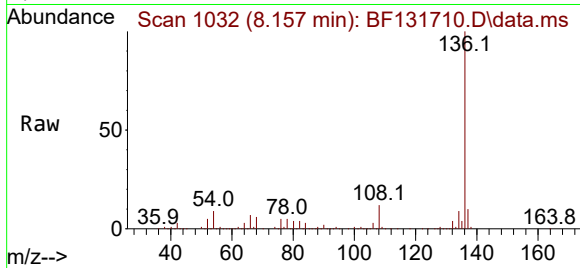




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

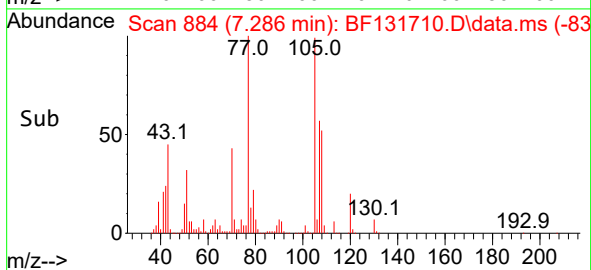
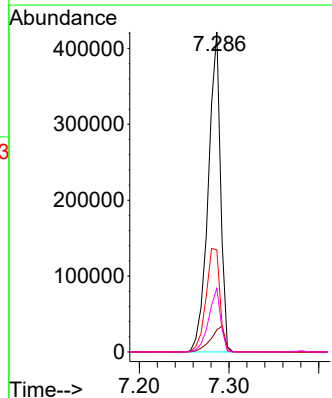
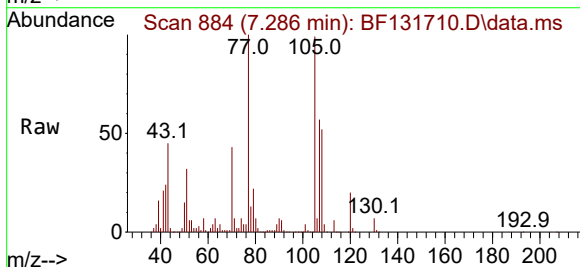
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

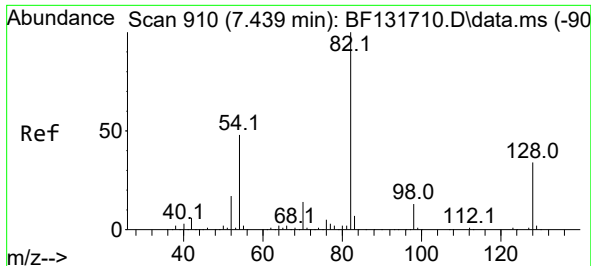
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 344417 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.4   | 12.6   |
| 54        | 9.0   | 7.2   | 10.8   |
| 68        | 6.3   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 37.018 ng  
RT: 7.286 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 399539 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 6.9   | 5.5   | 8.3    |
| 51        | 31.9  | 25.5  | 38.3   |
| 120       | 19.9  | 15.9  | 23.9   |





#23

Nitrobenzene-d5

Concen: 75.212 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

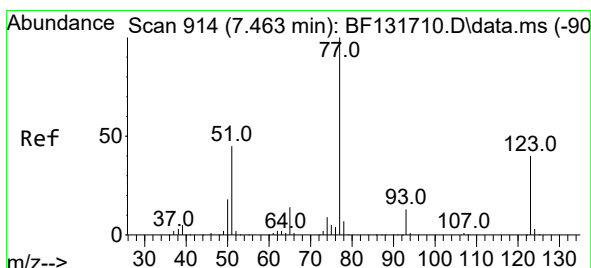
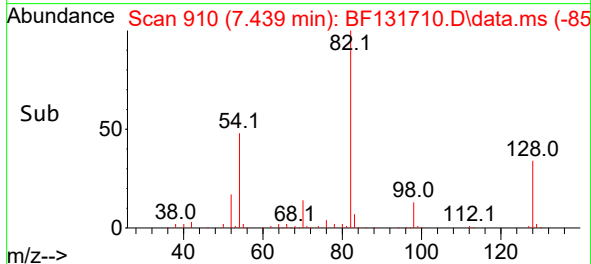
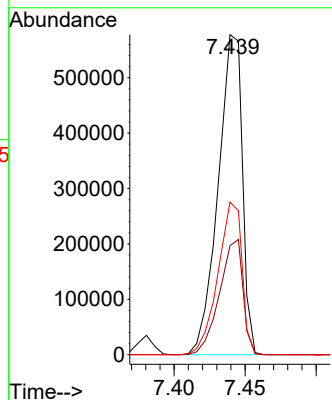
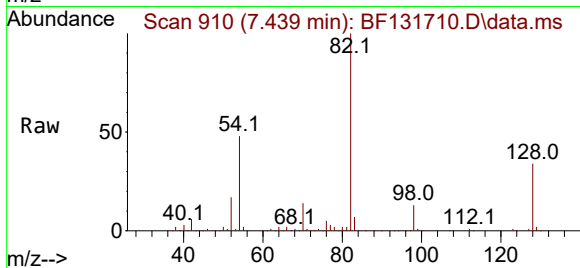
Tgt Ion: 82 Resp: 685174

Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 47.7 38.2 57.2



#24

Nitrobenzene

Concen: 37.948 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

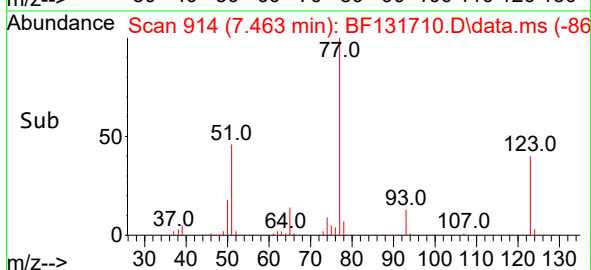
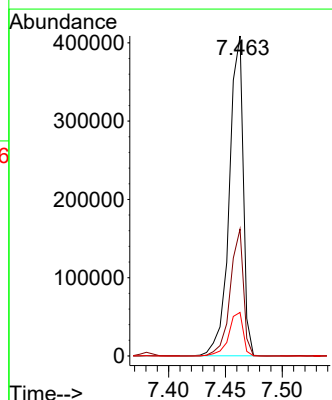
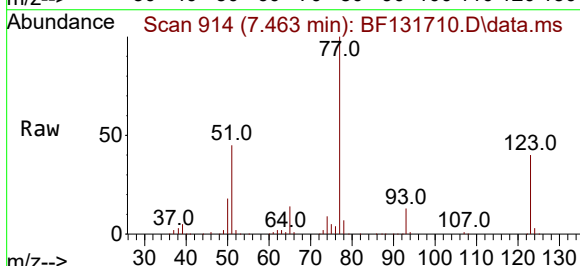
Tgt Ion: 77 Resp: 348677

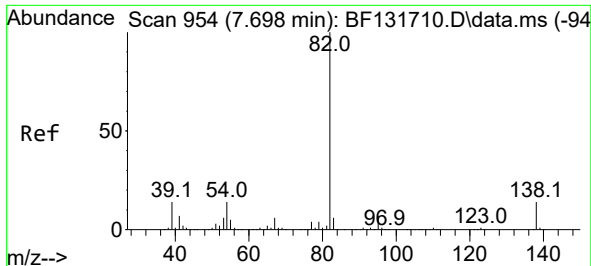
Ion Ratio Lower Upper

77 100

123 39.7 31.8 47.6

65 13.6 10.9 16.3

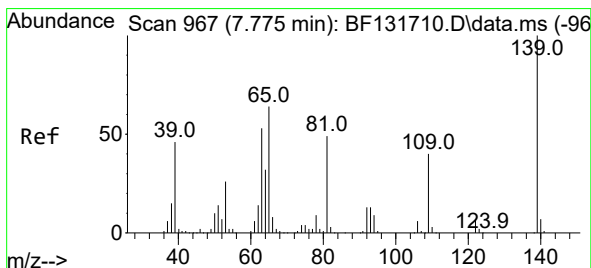
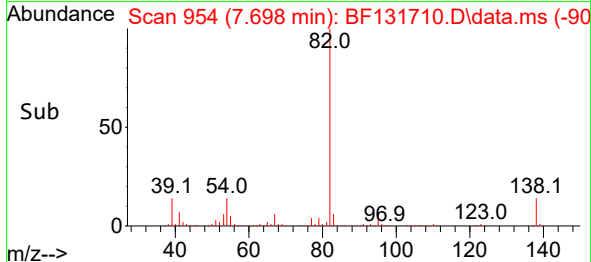
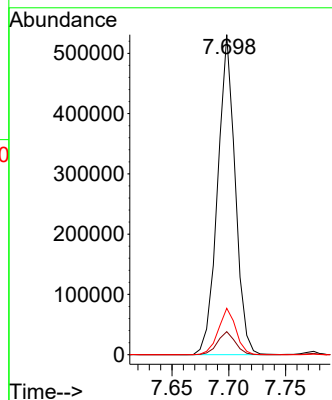
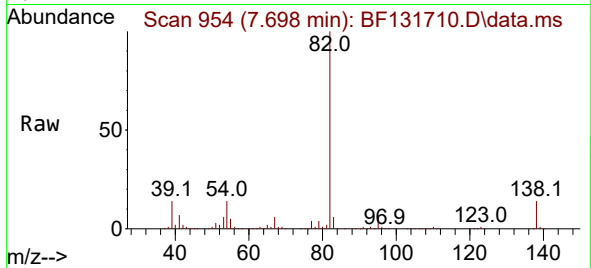




#25  
Isophorone  
Concen: 38.951 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

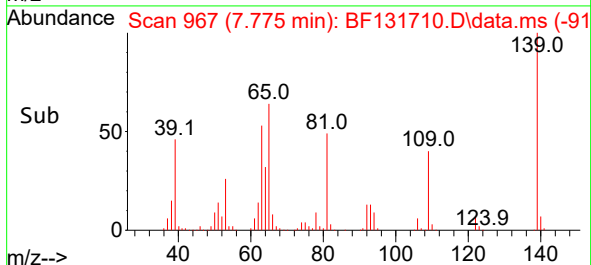
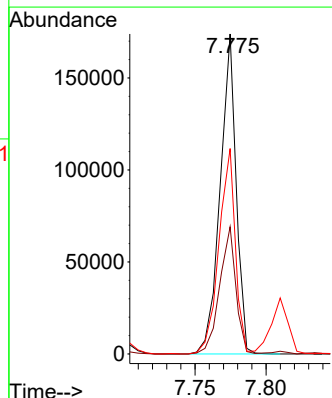
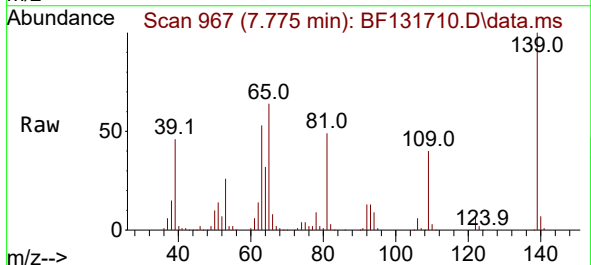
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

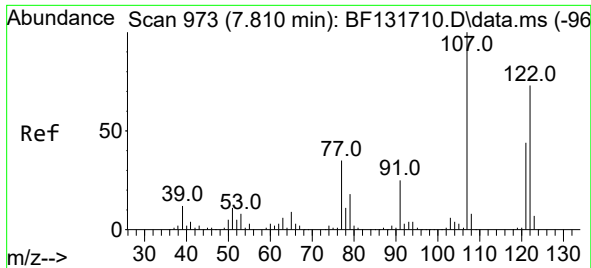
Tgt Ion: 82 Resp: 571563  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 14.5 11.6 17.4



#26  
2-Nitrophenol  
Concen: 43.409 ng  
RT: 7.775 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:139 Resp: 136013  
Ion Ratio Lower Upper  
139 100  
109 39.7 31.8 47.6  
65 64.2 51.4 77.0

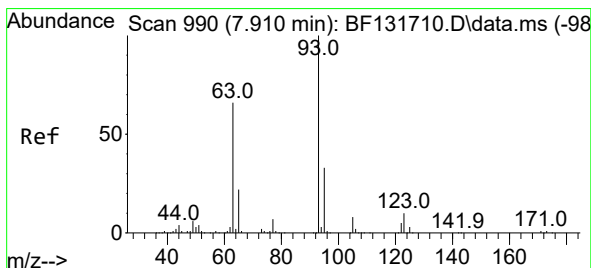
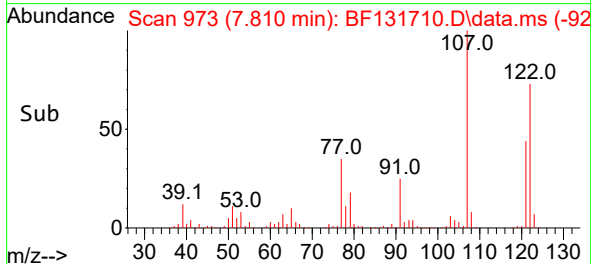
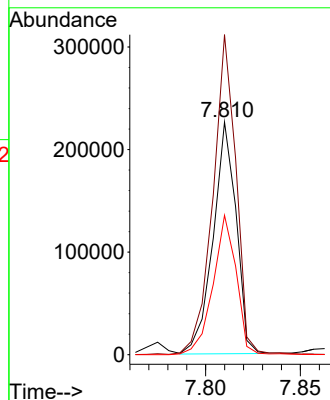
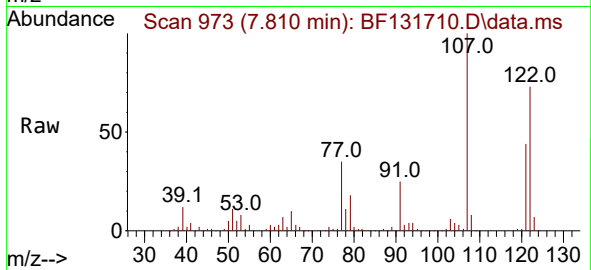




#27  
2,4-Dimethylphenol  
Concen: 39.713 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

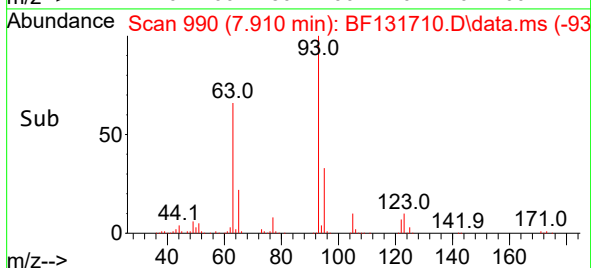
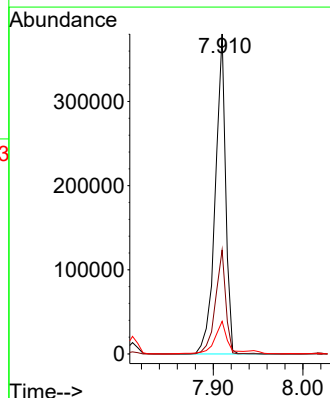
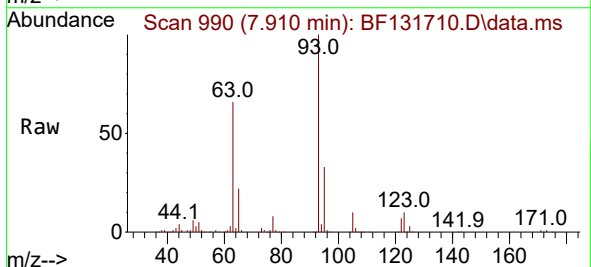
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

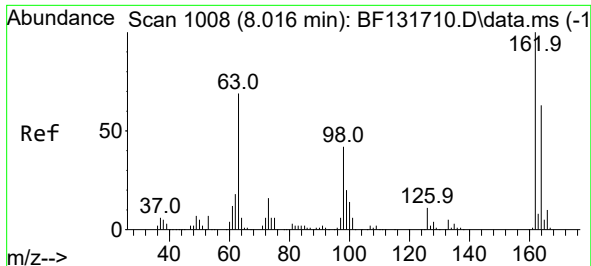
Tgt Ion:122 Resp: 190724  
Ion Ratio Lower Upper  
122 100  
107 137.6 110.1 165.1  
121 59.9 47.9 71.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.250 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion: 93 Resp: 305532  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.0 39.0  
123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 38.982 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

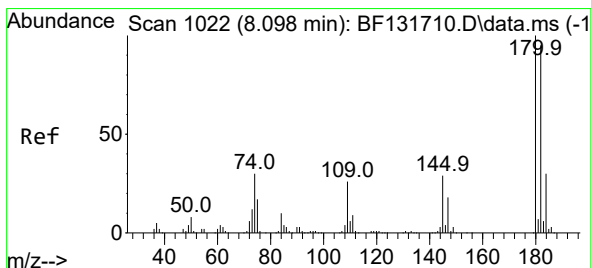
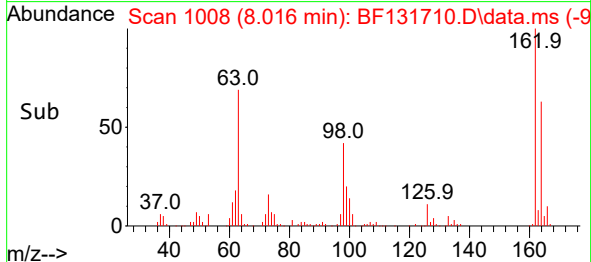
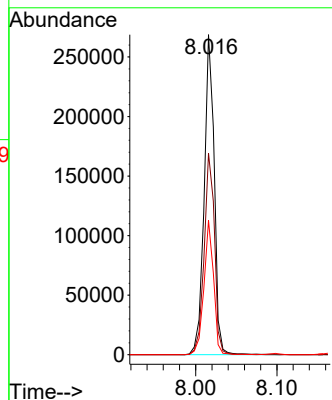
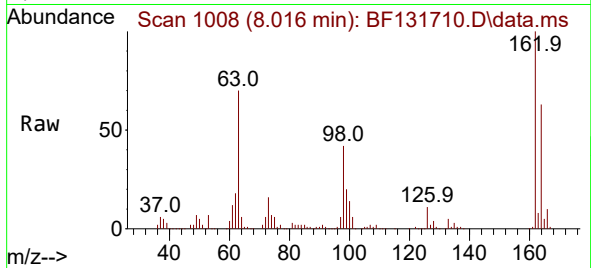
Tgt Ion:162 Resp: 231486

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 41.9 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 37.633 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

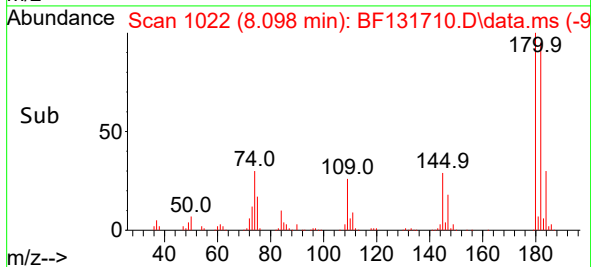
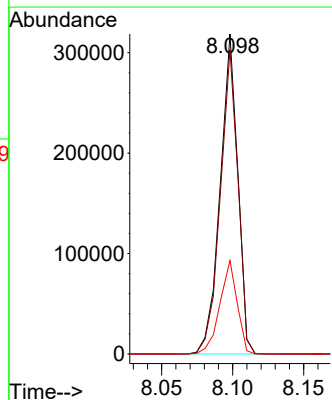
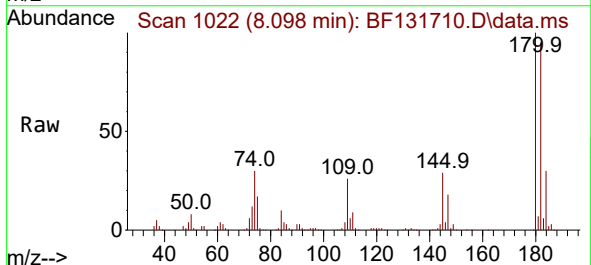
Tgt Ion:180 Resp: 274059

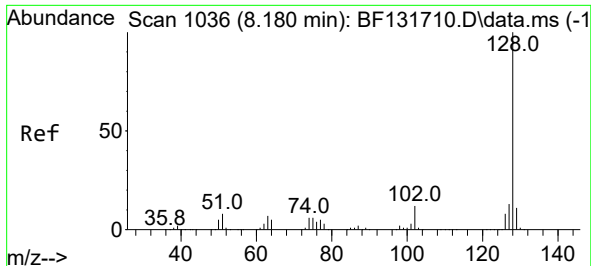
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 29.2 23.4 35.0

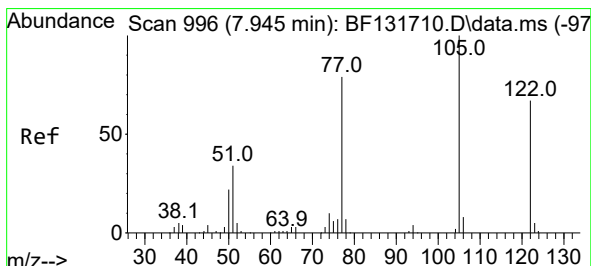
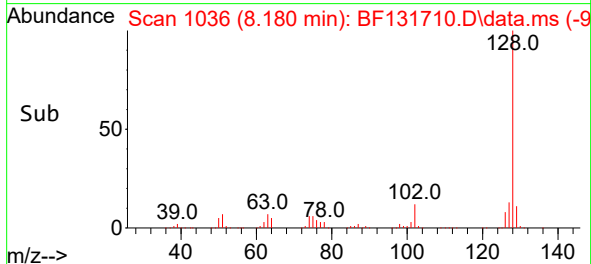
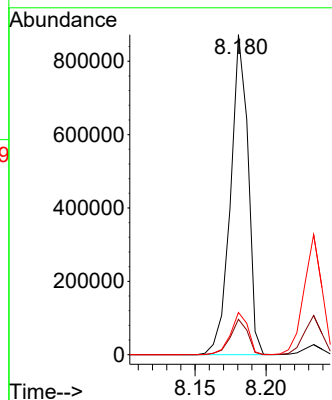
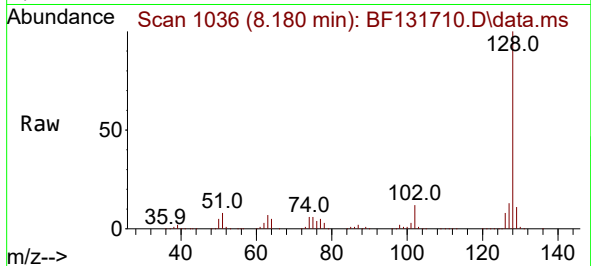




#31  
Naphthalene  
Concen: 38.494 ng  
RT: 8.180 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

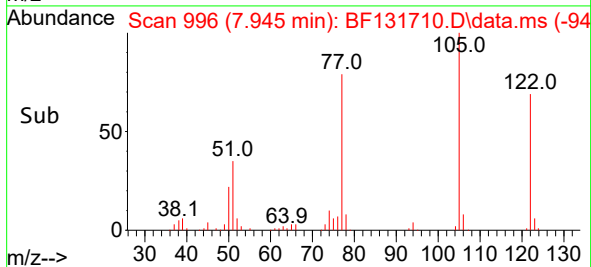
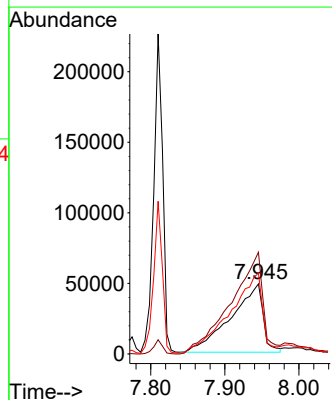
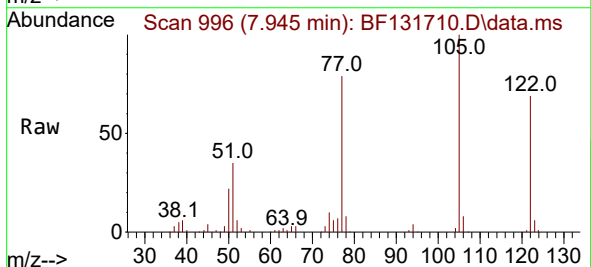
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

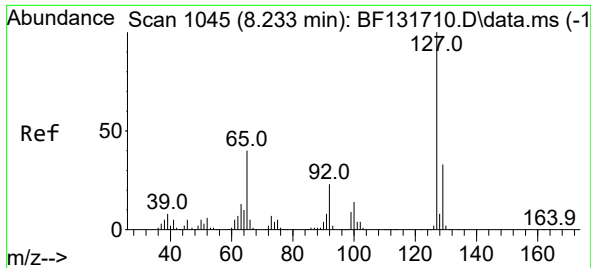
Tgt Ion:128 Resp: 746732  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 41.952 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:122 Resp: 145915  
Ion Ratio Lower Upper  
122 100  
105 145.1 125.1 165.1  
77 115.3 95.3 135.3

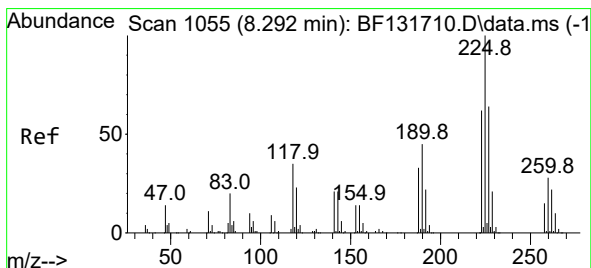
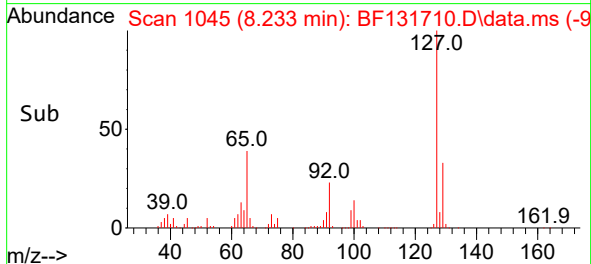
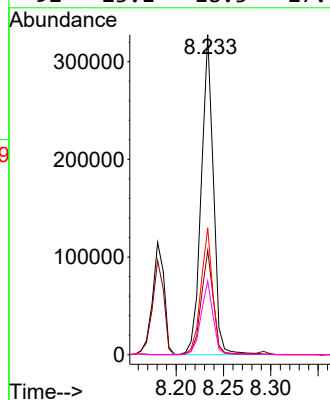
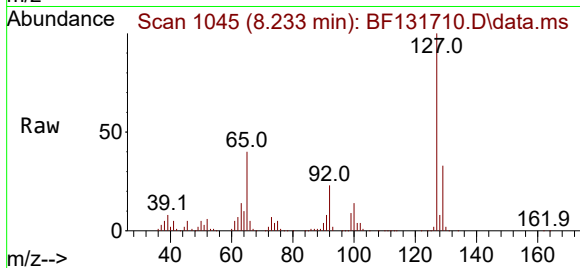




#33  
4-Chloroaniline  
Concen: 40.197 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

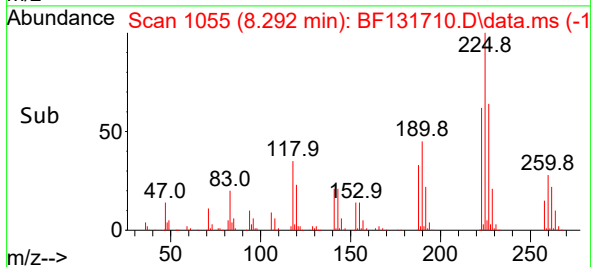
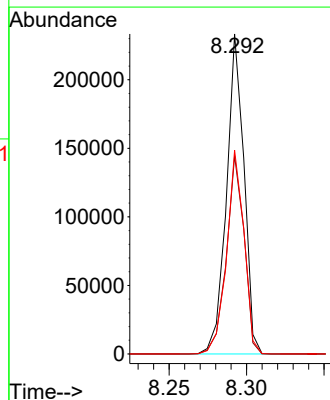
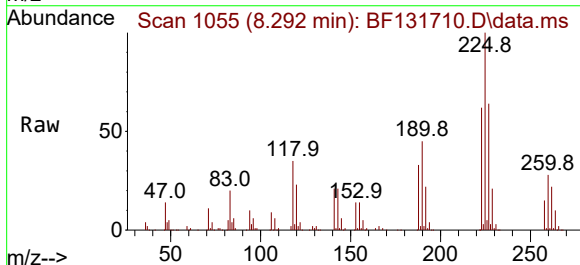
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

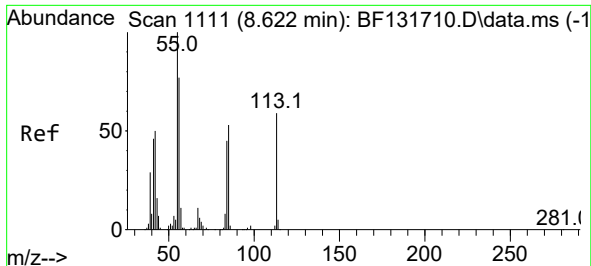
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 292286 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.1  | 39.1   |
| 65       | 39.7  | 31.8  | 47.6   |
| 92       | 23.1  | 18.5  | 27.7   |



#34  
Hexachlorobutadiene  
Concen: 35.594 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 182680 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 49.5  | 74.3   |
| 227      | 63.7  | 51.0  | 76.4   |

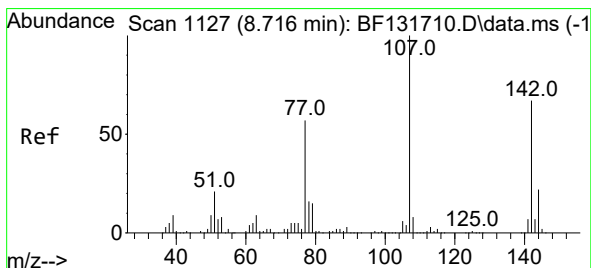
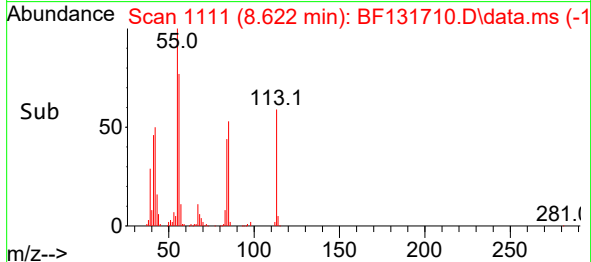
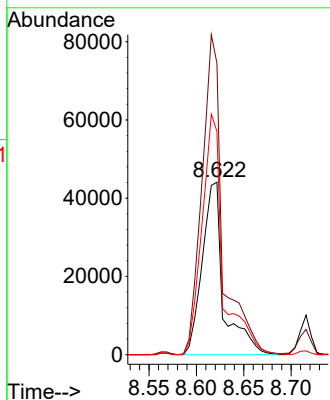
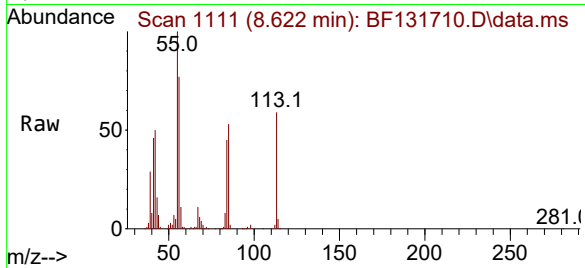




#35  
Caprolactam  
Concen: 44.976 ng  
RT: 8.622 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

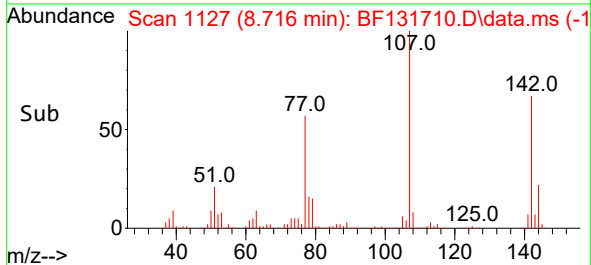
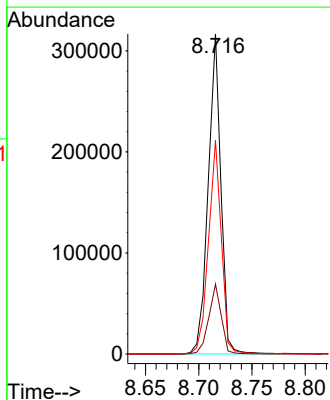
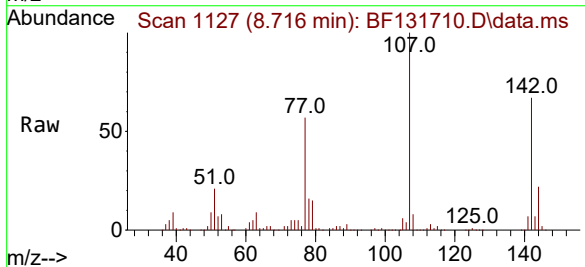
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

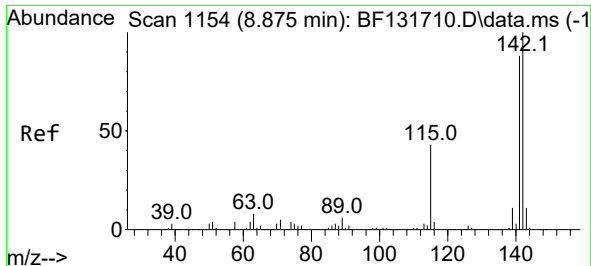
Tgt Ion:113 Resp: 69088  
Ion Ratio Lower Upper  
113 100  
55 169.0 149.0 189.0  
56 129.5 109.5 149.5



#36  
4-Chloro-3-methylphenol  
Concen: 39.605 ng  
RT: 8.716 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:107 Resp: 264090  
Ion Ratio Lower Upper  
107 100  
144 21.9 17.5 26.3  
142 66.7 53.4 80.0

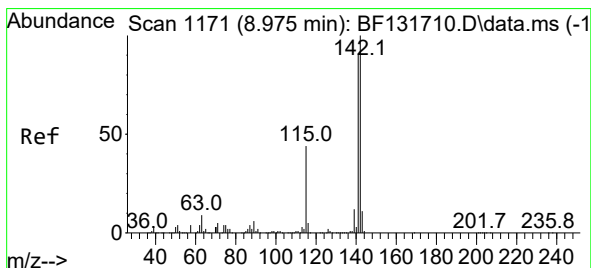
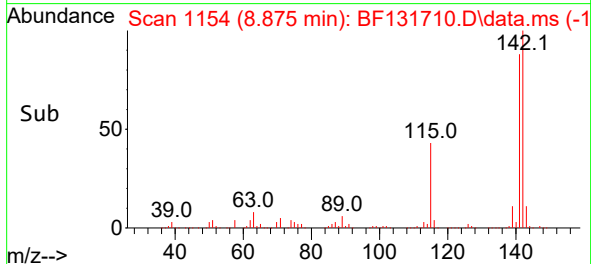
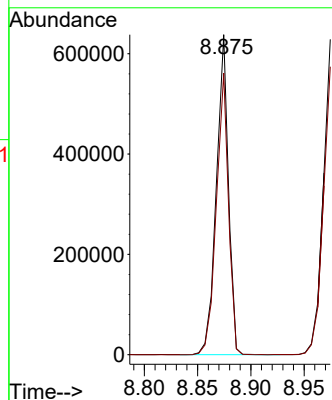
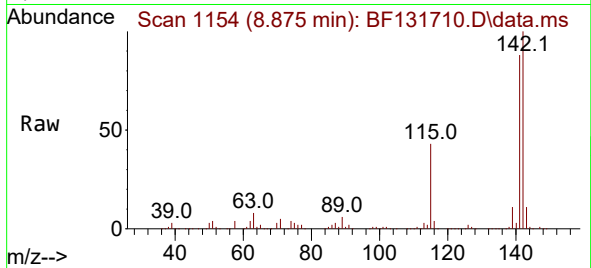




#37  
2-Methylnaphthalene  
Concen: 38.051 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

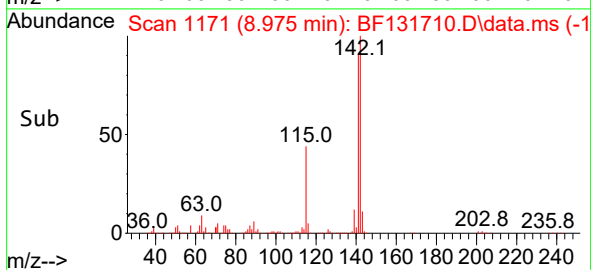
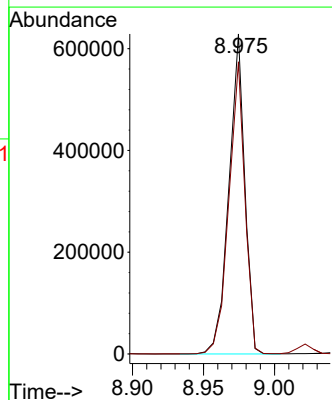
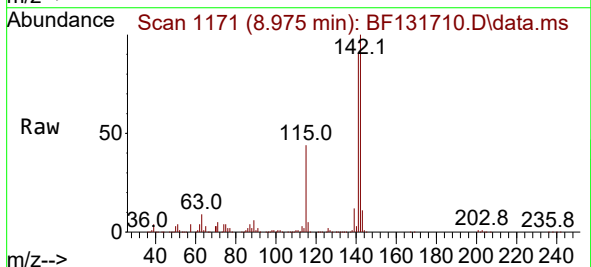
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

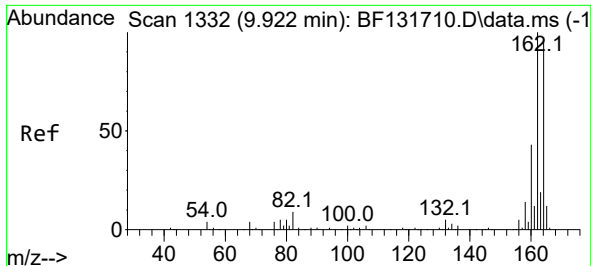
Tgt Ion:142 Resp: 504802  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 38.319 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:142 Resp: 488010  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

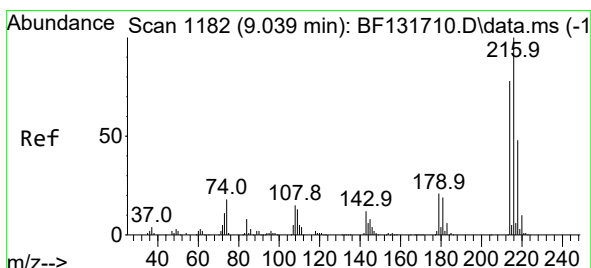
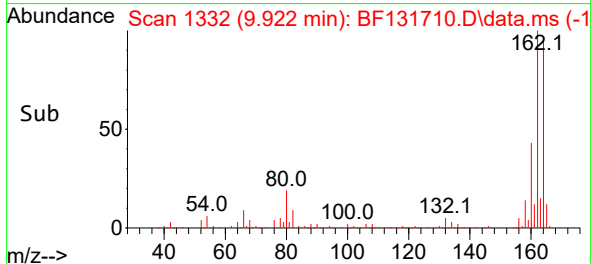
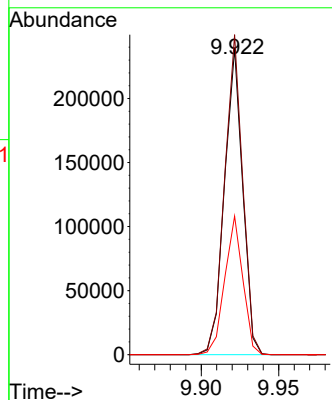
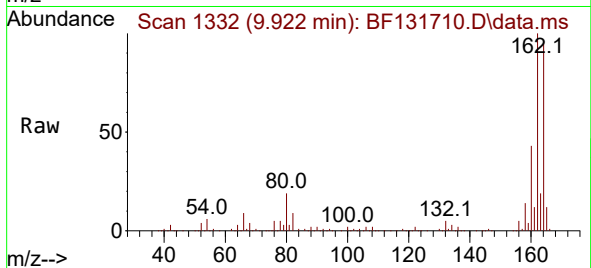
Tgt Ion:164 Resp: 195286

Ion Ratio Lower Upper

164 100

162 104.6 83.7 125.5

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.131 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Tgt Ion:216 Resp: 282883

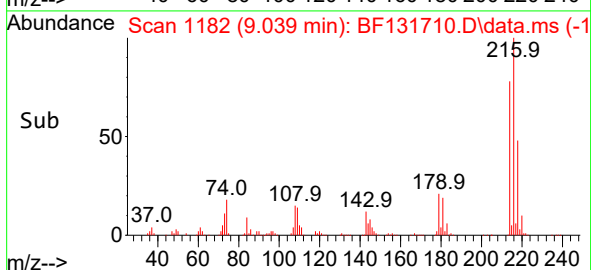
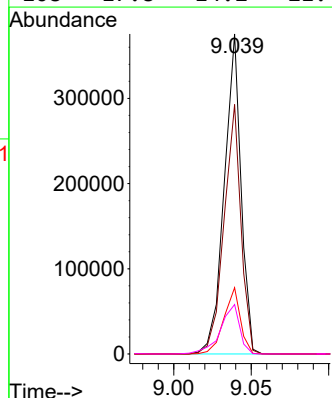
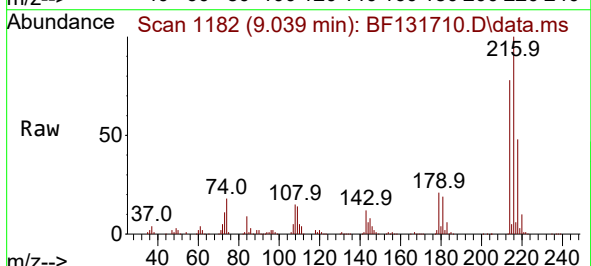
Ion Ratio Lower Upper

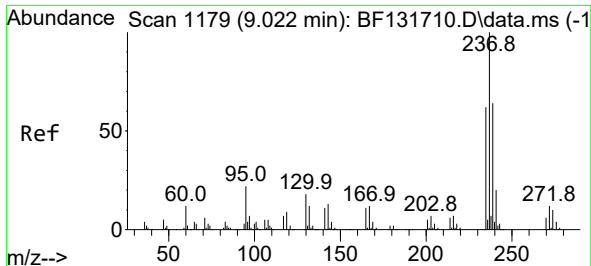
216 100

214 78.6 62.9 94.3

179 20.4 16.3 24.5

108 17.8 14.2 21.4

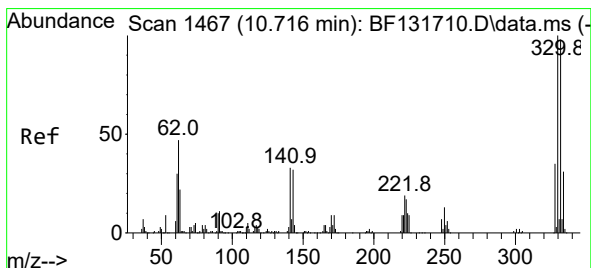
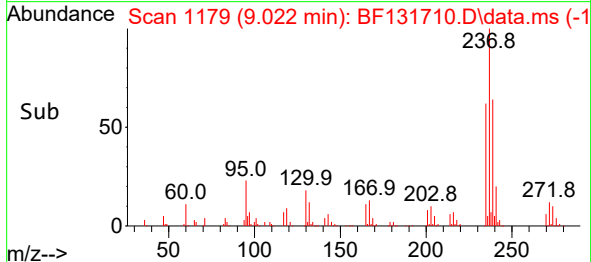
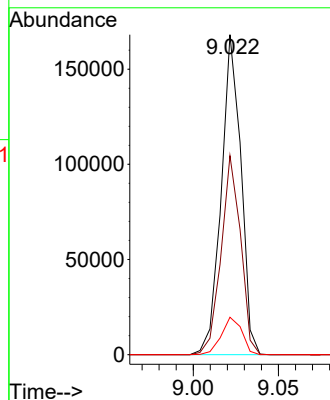
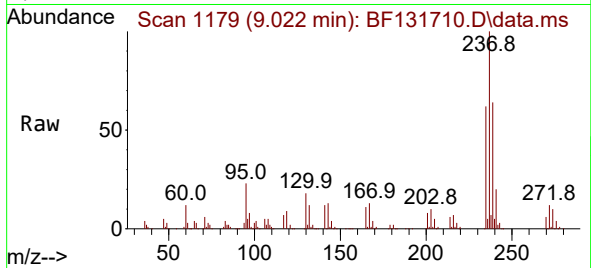




#41  
Hexachlorocyclopentadiene  
Concen: 36.758 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

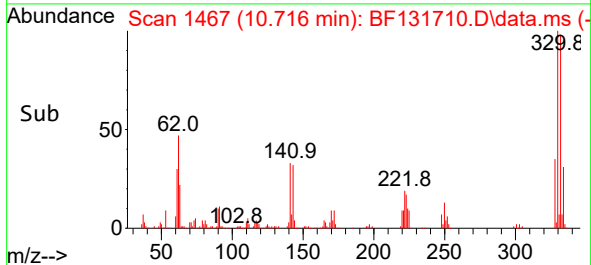
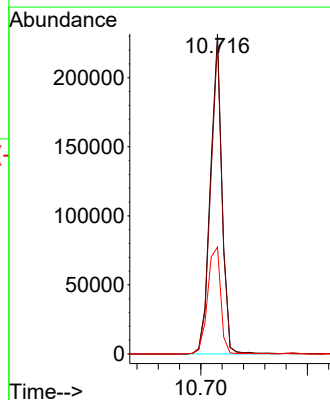
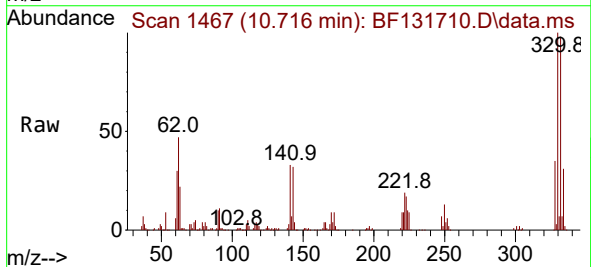
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

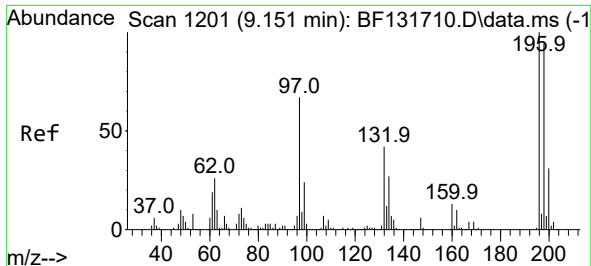
Tgt Ion:237 Resp: 134877  
Ion Ratio Lower Upper  
237 100  
235 62.2 42.2 82.2  
272 11.7 0.0 31.7



#42  
2,4,6-Tribromophenol  
Concen: 80.792 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:330 Resp: 175293  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.1 115.7  
141 38.0 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 41.238 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

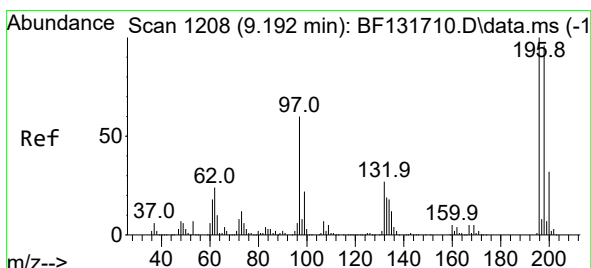
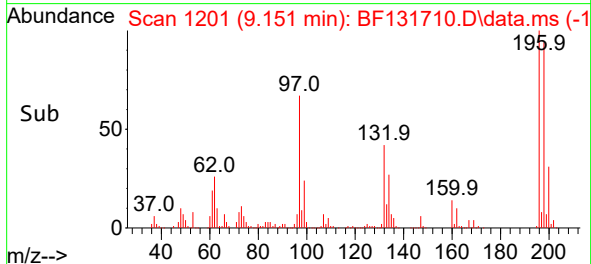
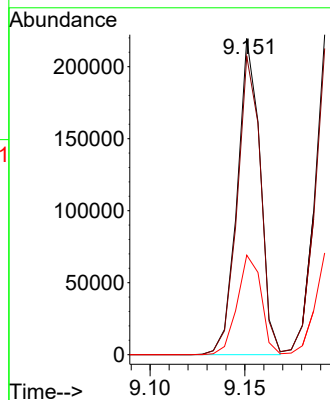
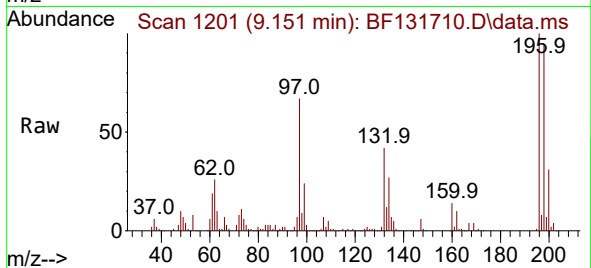
Tgt Ion:196 Resp: 184390

Ion Ratio Lower Upper

196 100

198 94.4 75.5 113.3

200 31.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 41.838 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Tgt Ion:196 Resp: 201188

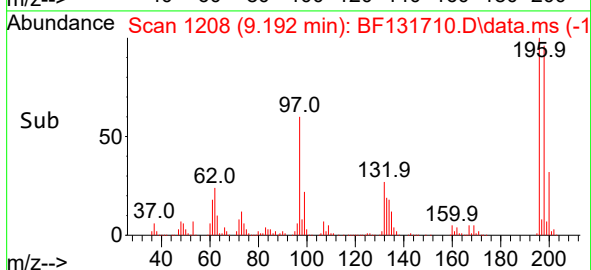
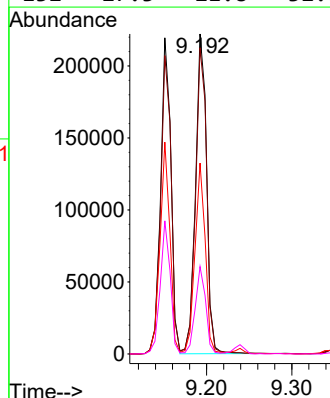
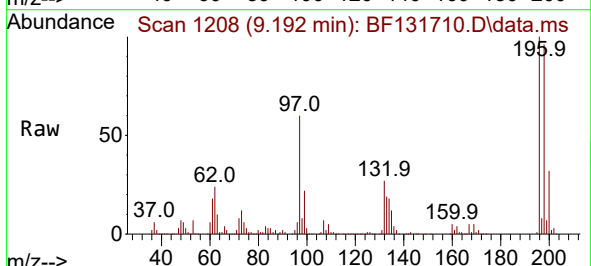
Ion Ratio Lower Upper

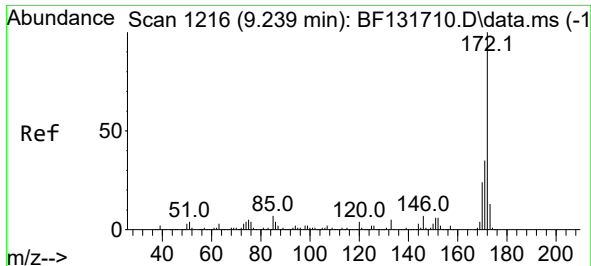
196 100

198 95.7 76.6 114.8

97 59.6 47.7 71.5

132 27.3 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 74.447 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

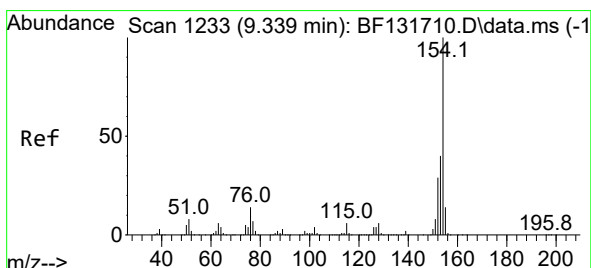
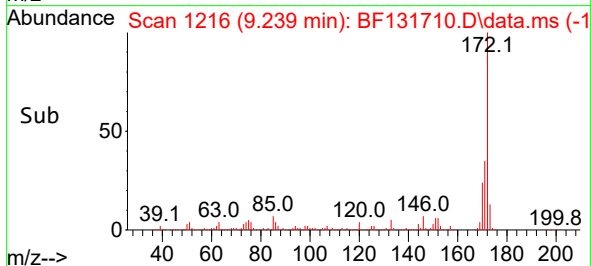
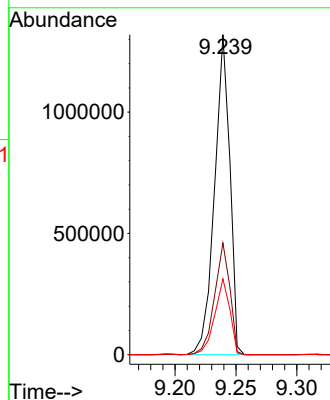
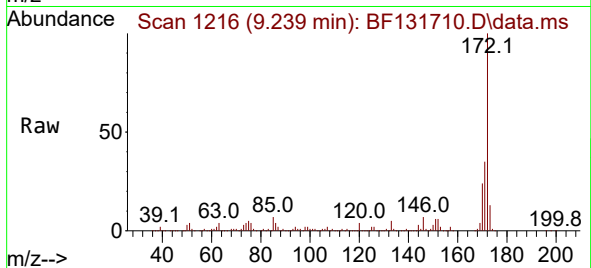
Tgt Ion:172 Resp: 1153052

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.064 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

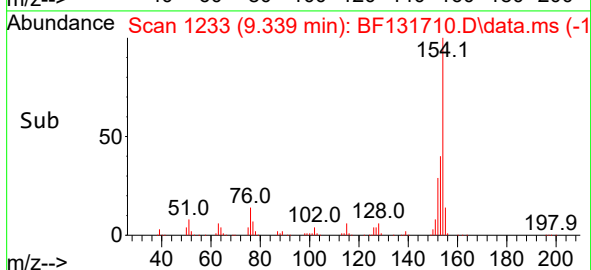
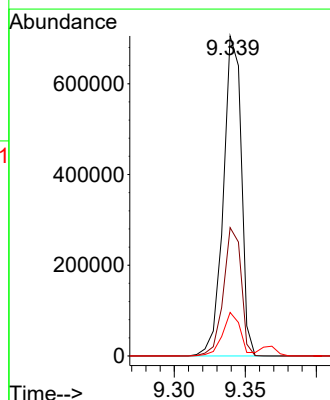
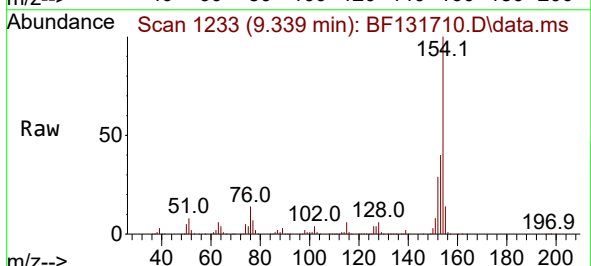
Tgt Ion:154 Resp: 618610

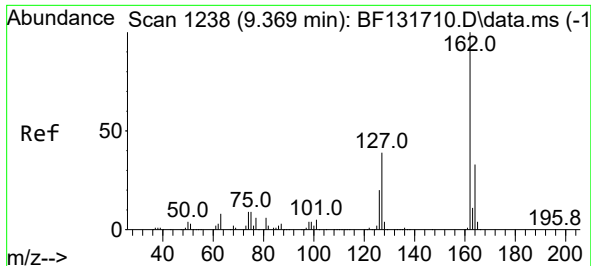
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.348 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

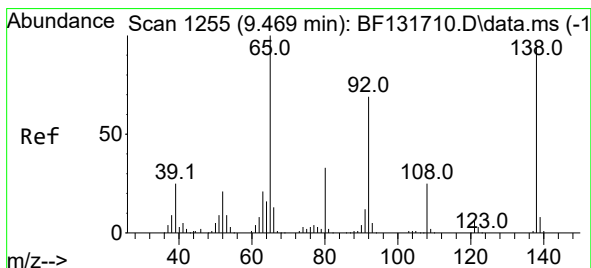
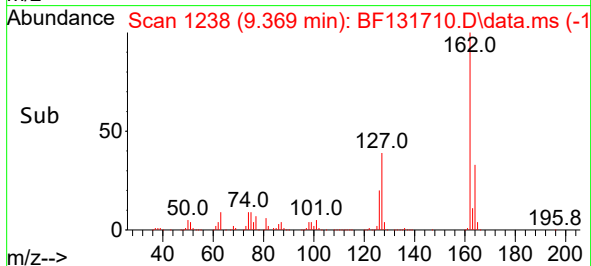
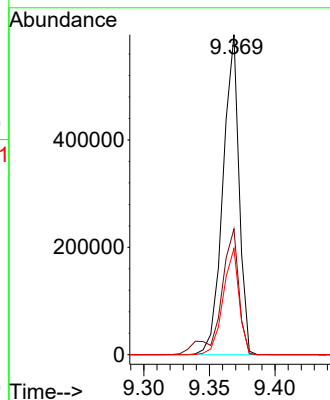
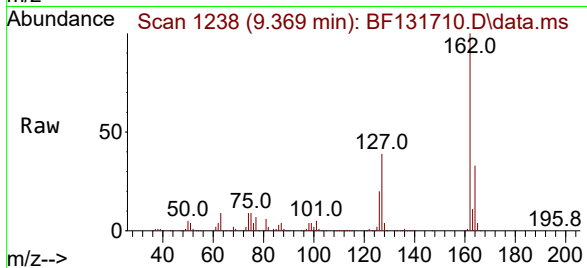
Tgt Ion:162 Resp: 507570

Ion Ratio Lower Upper

162 100

127 39.3 31.4 47.2

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 40.672 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

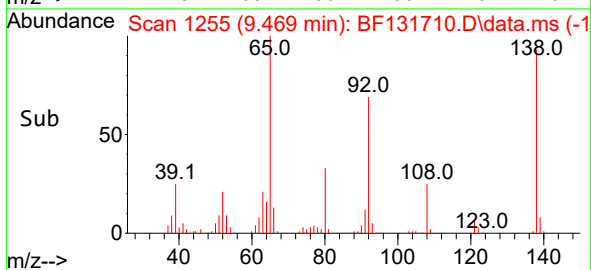
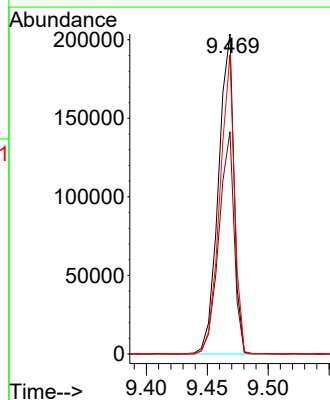
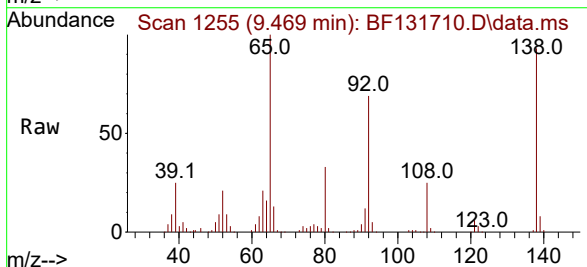
Tgt Ion: 65 Resp: 181246

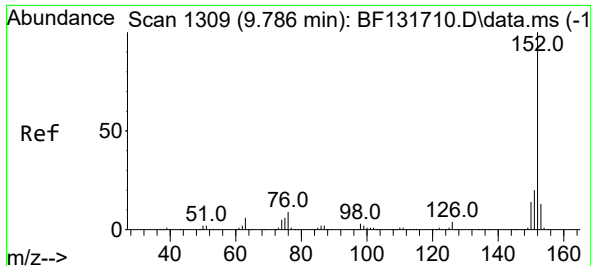
Ion Ratio Lower Upper

65 100

92 69.4 55.5 83.3

138 93.5 74.8 112.2

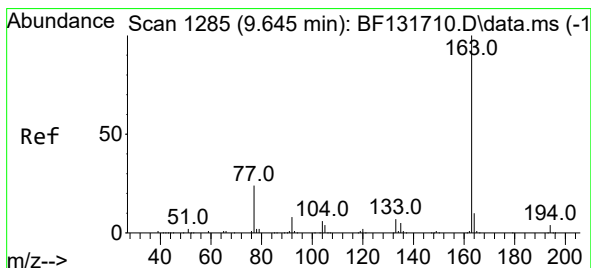
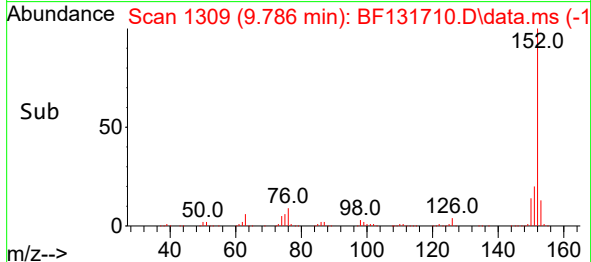
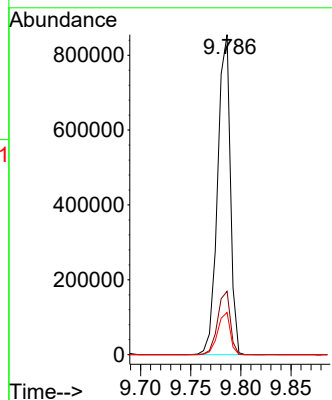
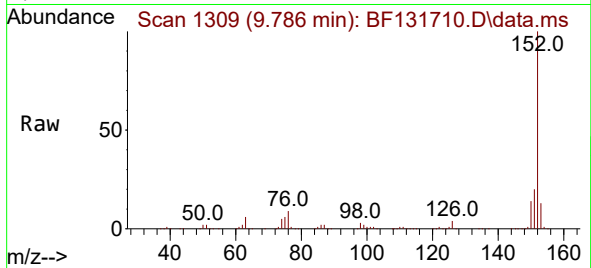




#49  
Acenaphthylene  
Concen: 40.807 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

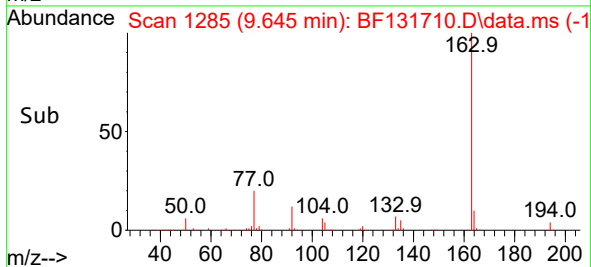
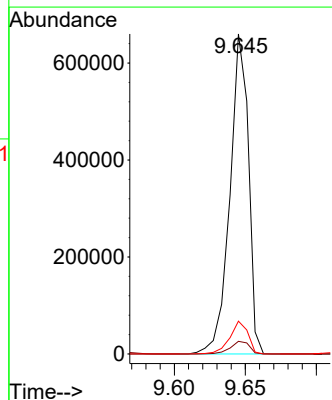
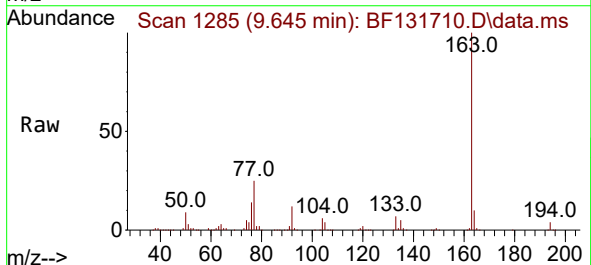
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

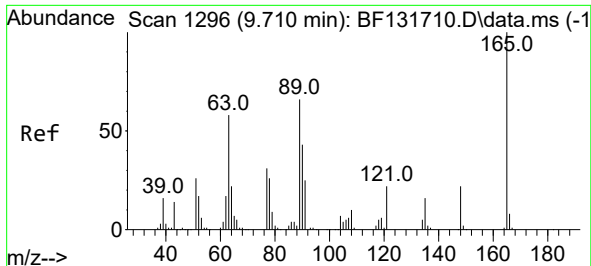
Tgt Ion:152 Resp: 753751  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 40.334 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:163 Resp: 600445  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.3 8.2 12.4

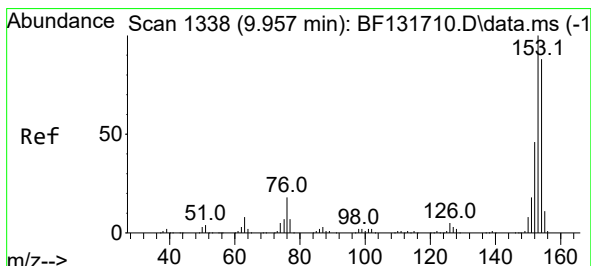
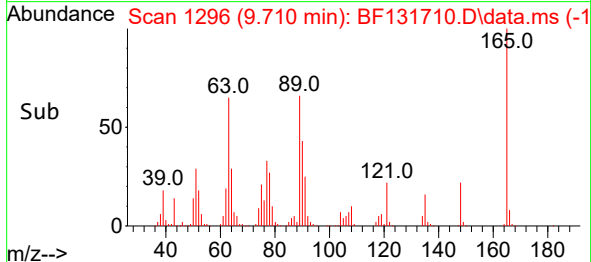
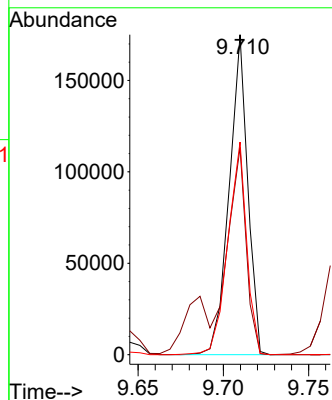
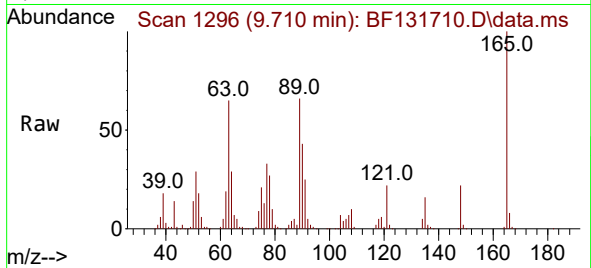




#51  
2,6-Dinitrotoluene  
Concen: 43.048 ng  
RT: 9.710 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

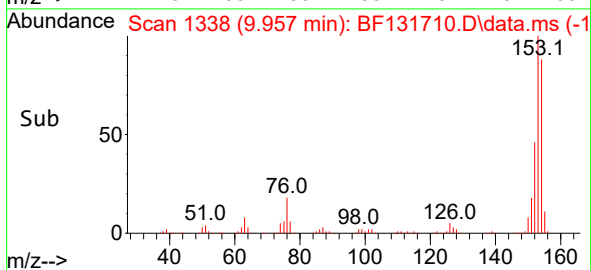
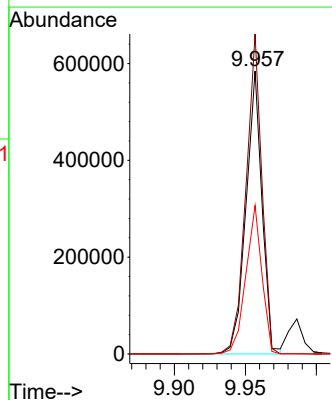
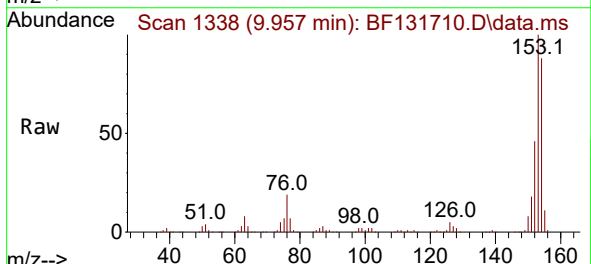
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

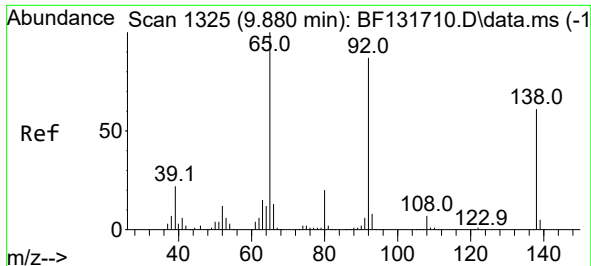
Tgt Ion:165 Resp: 132303  
Ion Ratio Lower Upper  
165 100  
63 64.8 51.8 77.8  
89 66.5 53.2 79.8



#52  
Acenaphthene  
Concen: 37.170 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:154 Resp: 459945  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.4 135.6  
152 52.5 42.0 63.0

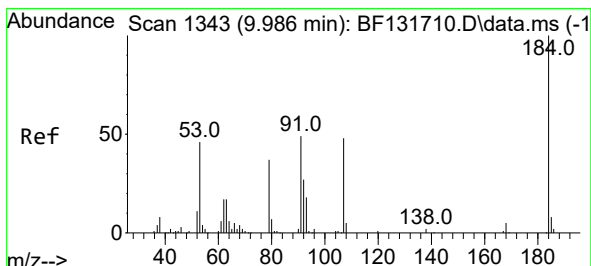
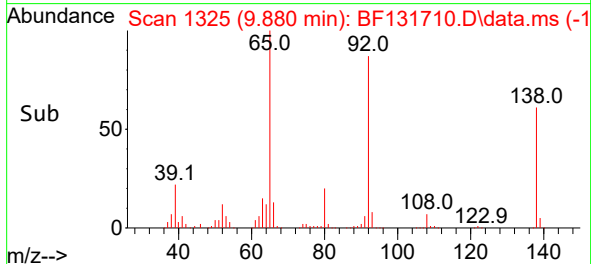
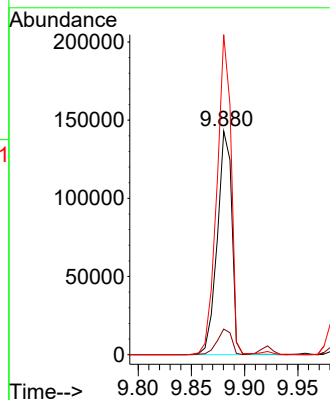
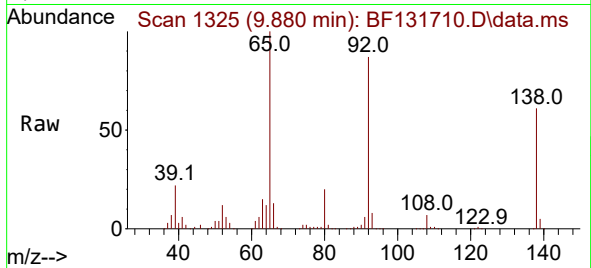




#53  
3-Nitroaniline  
Concen: 45.886 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

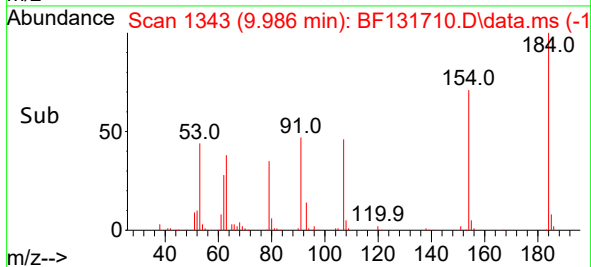
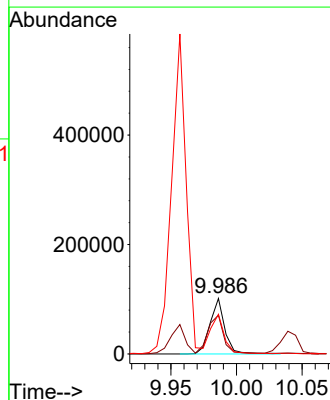
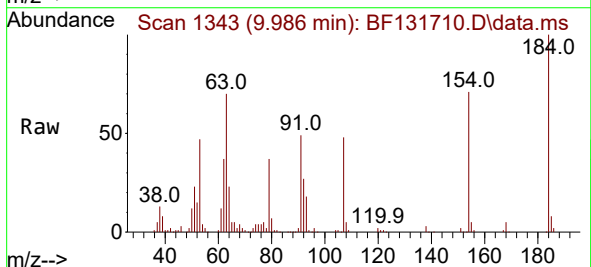
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

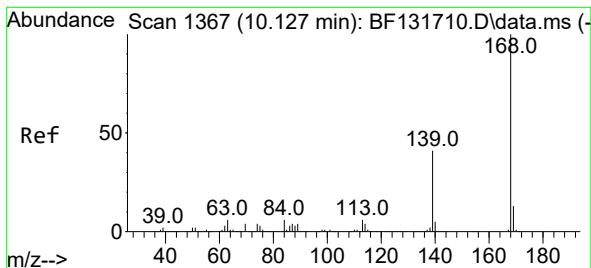
Tgt Ion:138 Resp: 135306  
Ion Ratio Lower Upper  
138 100  
108 11.5 9.2 13.8  
92 143.2 114.6 171.8



#54  
2,4-Dinitrophenol  
Concen: 51.771 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:184 Resp: 79868  
Ion Ratio Lower Upper  
184 100  
63 69.8 55.8 83.8  
154 71.4 57.1 85.7

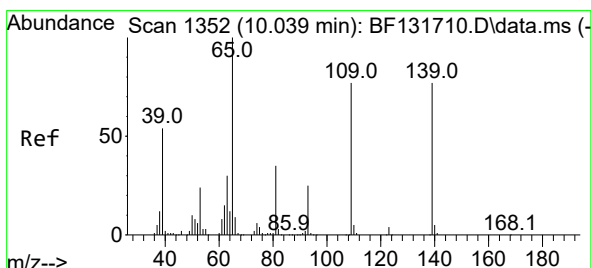
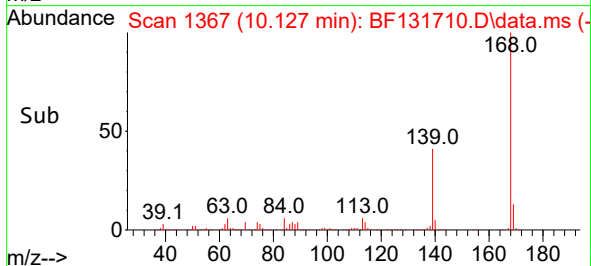
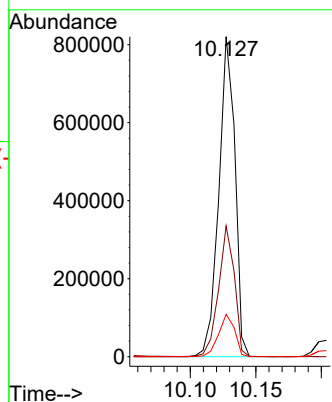
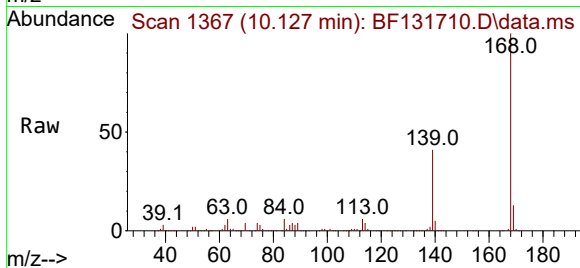




#55  
Dibenzofuran  
Concen: 40.013 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

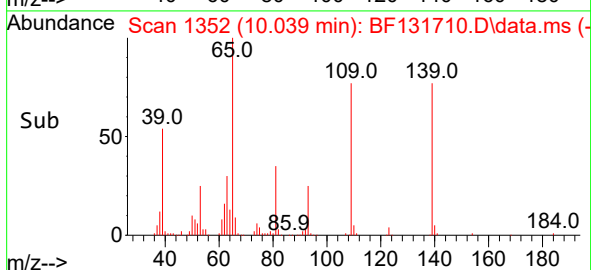
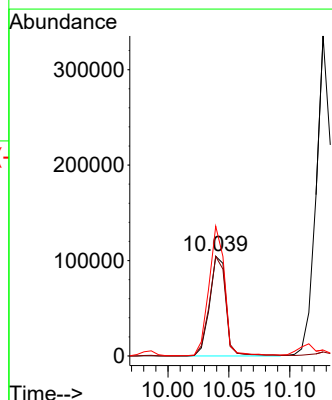
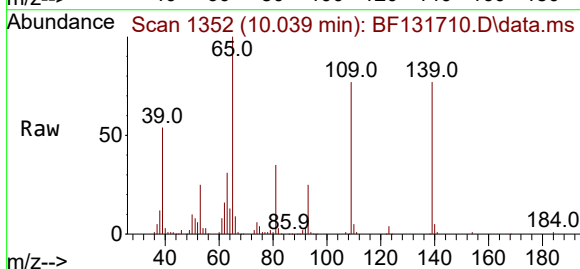
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BNA\_F  
ClientSampleId :  
SSTDICCC040

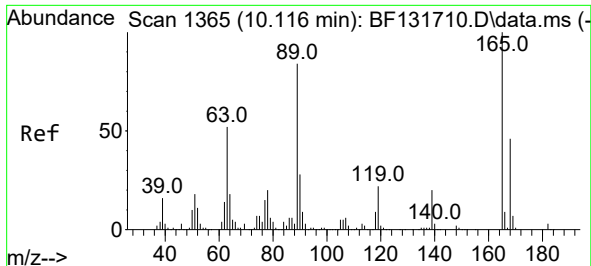
Tgt Ion:168 Resp: 699580  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.7 49.1  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 47.972 ng  
RT: 10.039 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:139 Resp: 98269  
Ion Ratio Lower Upper  
139 100  
109 99.9 79.9 119.9  
65 130.2 110.2 150.2

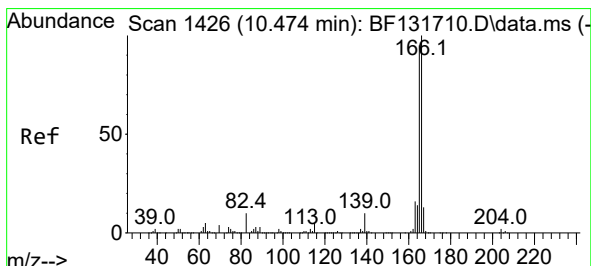
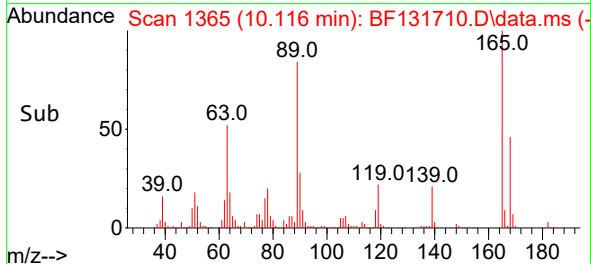
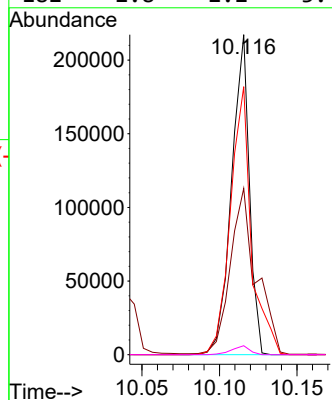
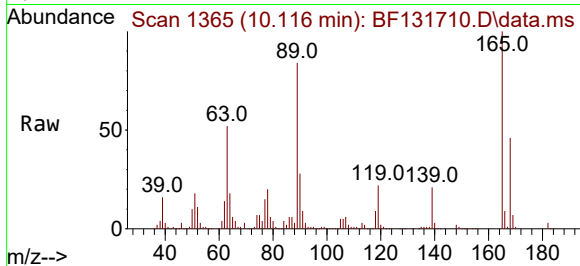




#57  
2,4-Dinitrotoluene  
Concen: 42.557 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

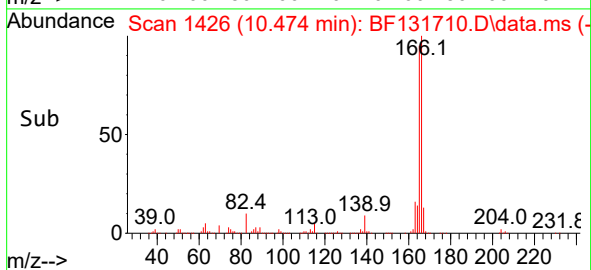
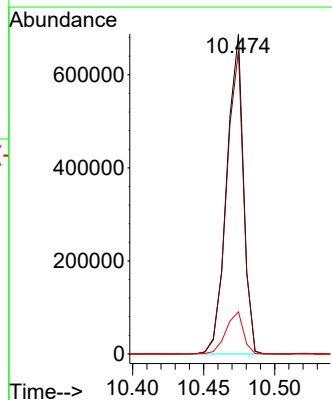
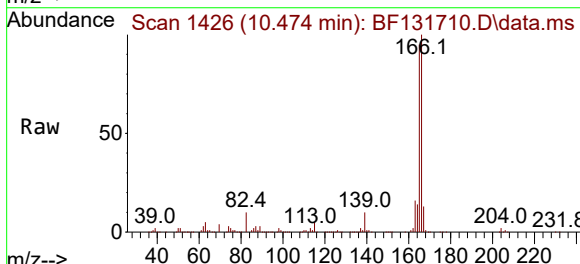
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

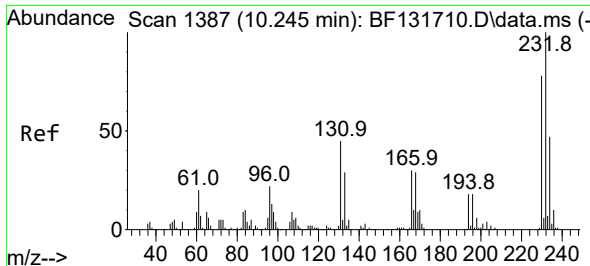
Tgt Ion:165 Resp: 173502  
Ion Ratio Lower Upper  
165 100  
63 51.9 41.5 62.3  
89 83.7 67.0 100.4  
182 2.8 2.2 3.4



#58  
Fluorene  
Concen: 39.596 ng  
RT: 10.474 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:166 Resp: 562797  
Ion Ratio Lower Upper  
166 100  
165 94.8 75.8 113.8  
167 13.2 10.6 15.8

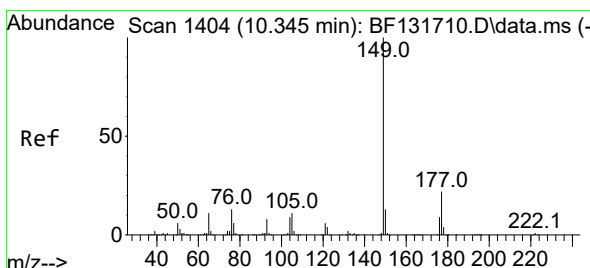
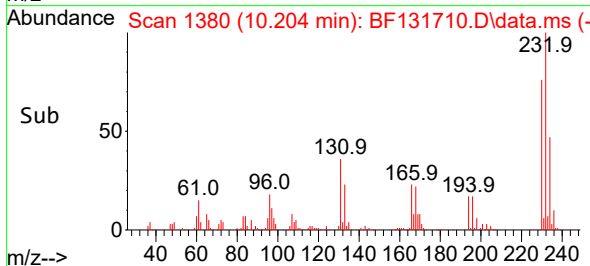
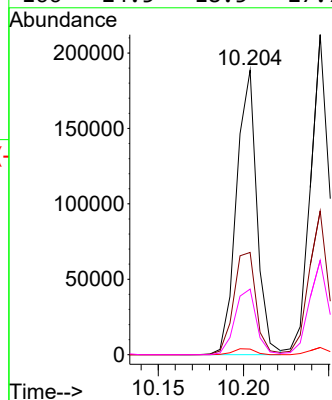
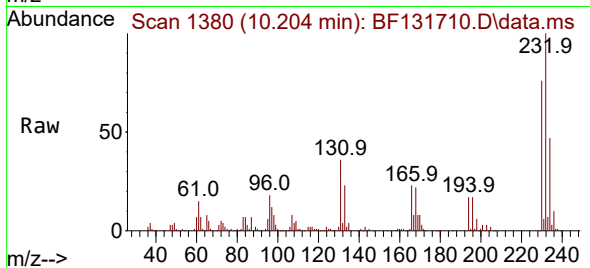




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.484 ng  
RT: 10.204 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

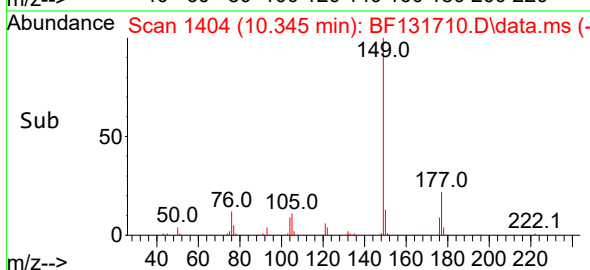
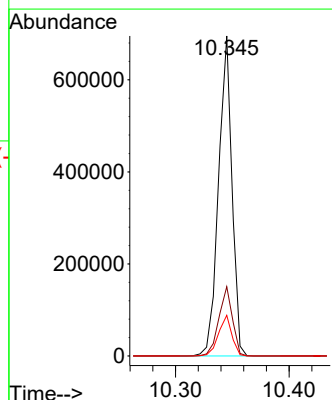
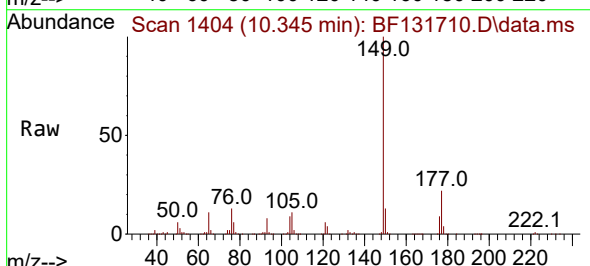
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

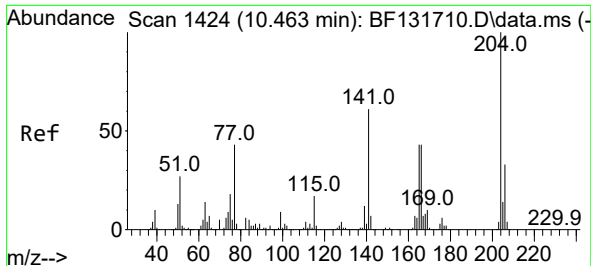
Tgt Ion:232 Resp: 156710  
Ion Ratio Lower Upper  
232 100  
131 39.6 29.9 44.9  
130 2.2 1.7 2.5  
166 24.5 18.5 27.7



#60  
Diethylphthalate  
Concen: 40.083 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:149 Resp: 572625  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.0  
150 12.7 10.2 15.2

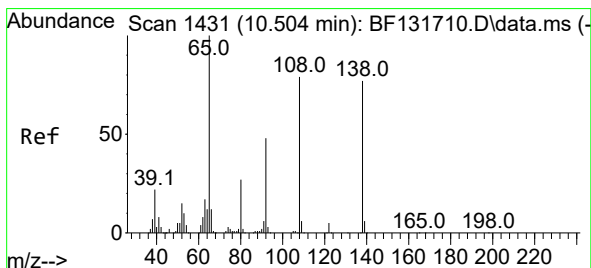
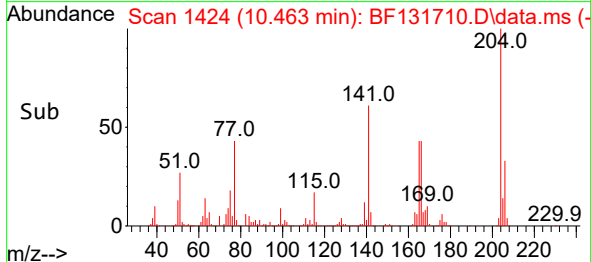
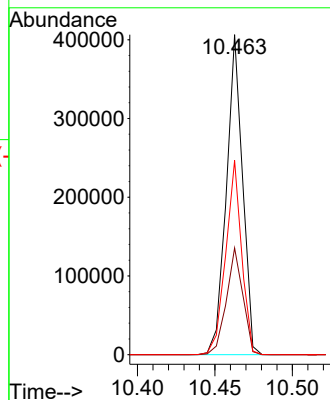
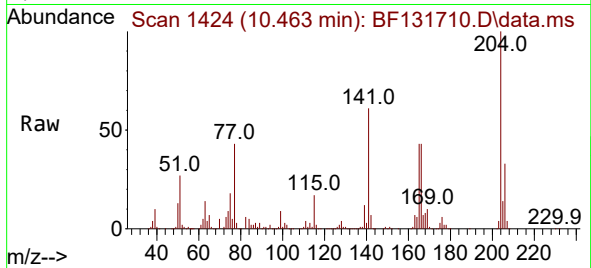




#61  
4-Chlorophenyl-phenylether  
Concen: 37.587 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

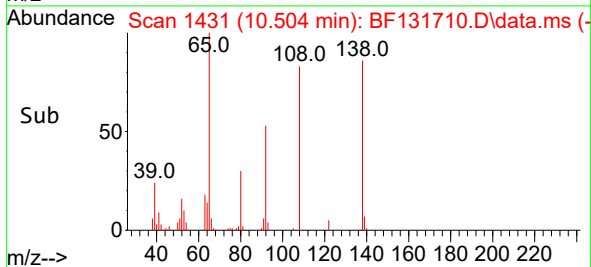
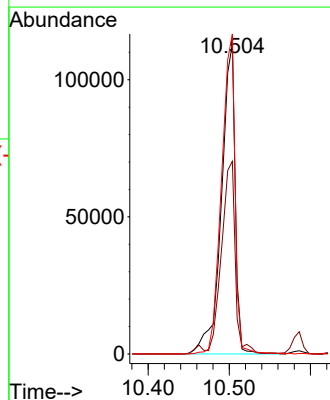
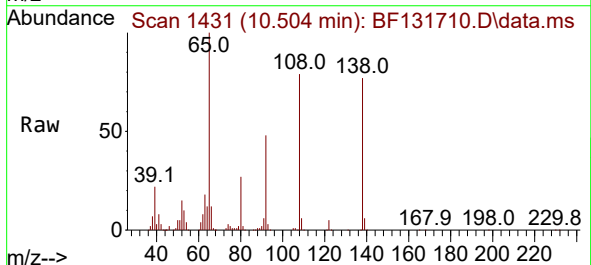
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BNA\_F  
ClientSampleId :  
SSTDICCC040

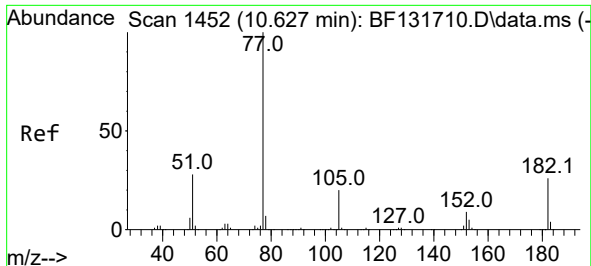
Tgt Ion:204 Resp: 295239  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 40.0  
141 60.7 48.6 72.8



#62  
4-Nitroaniline  
Concen: 45.899 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:138 Resp: 134121  
Ion Ratio Lower Upper  
138 100  
92 62.1 42.1 82.1  
108 103.1 83.1 123.1

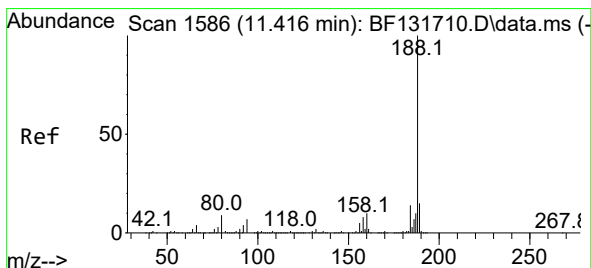
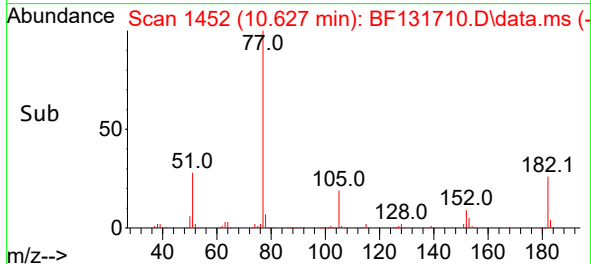
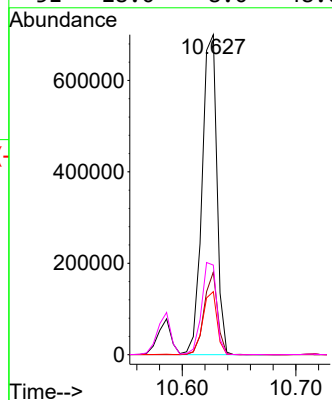
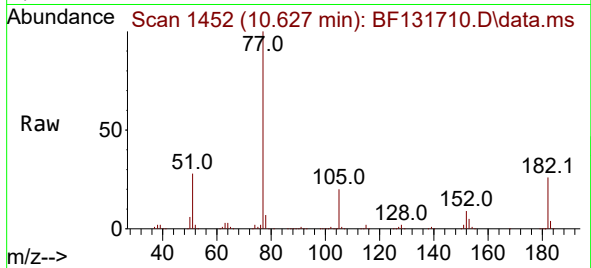




#63  
Azobenzene  
Concen: 38.940 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

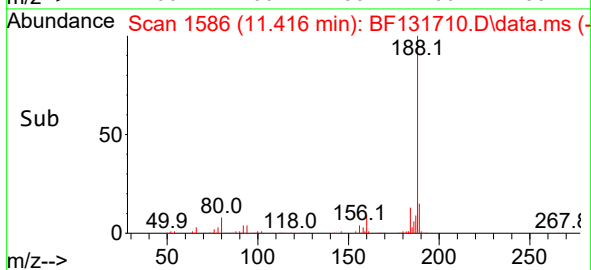
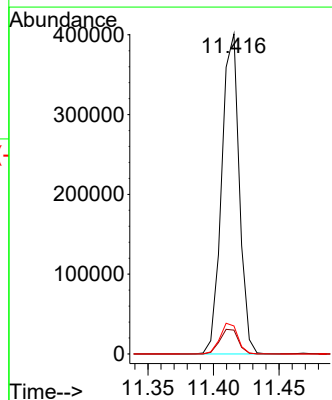
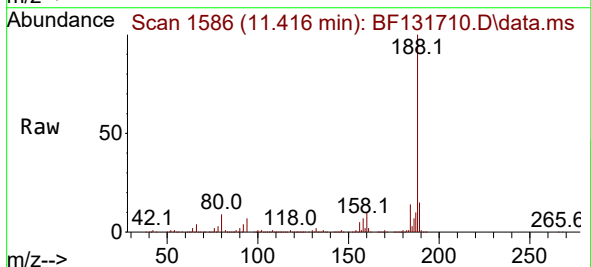
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

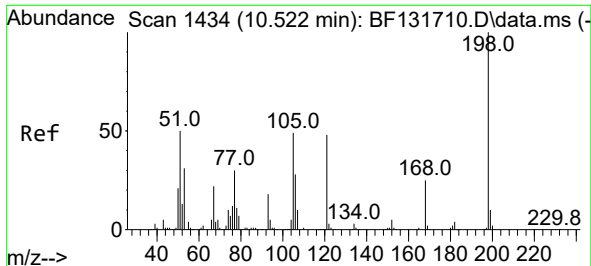
Tgt Ion: 77 Resp: 634491  
Ion Ratio Lower Upper  
77 100  
182 25.8 5.8 45.8  
105 19.7 0.0 39.7  
51 28.0 8.0 48.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion: 188 Resp: 373786  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.9 8.9  
80 8.8 7.0 10.6

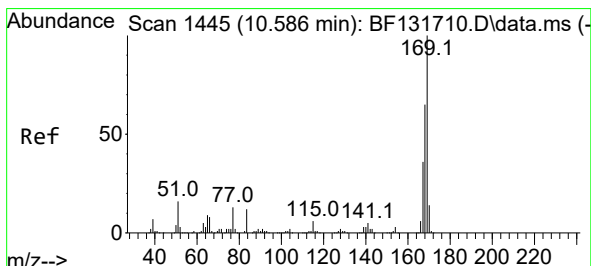
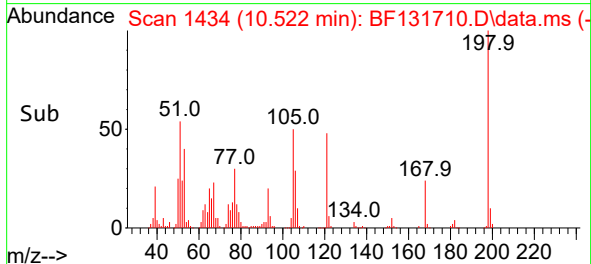
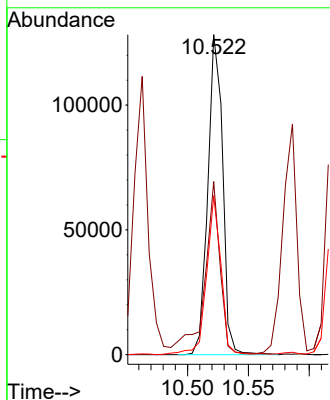
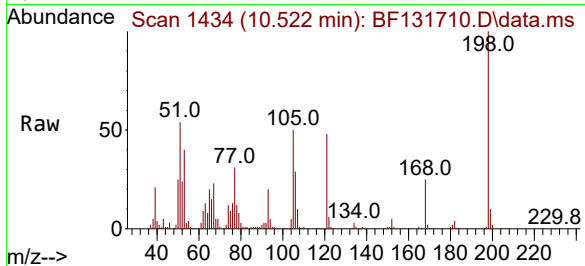




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.809 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

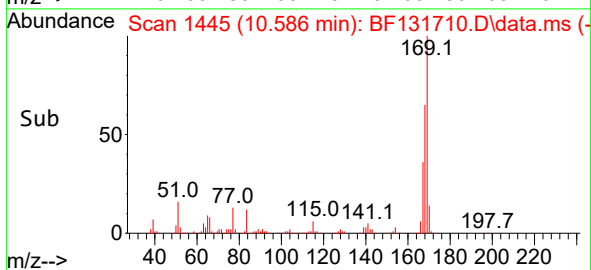
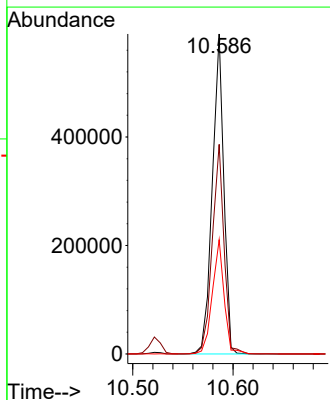
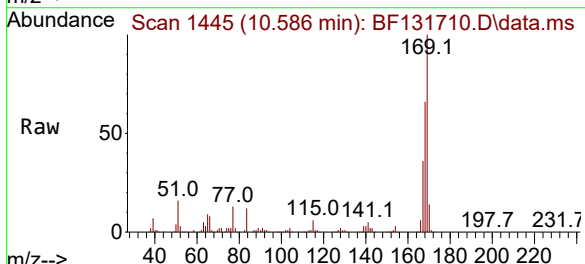
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

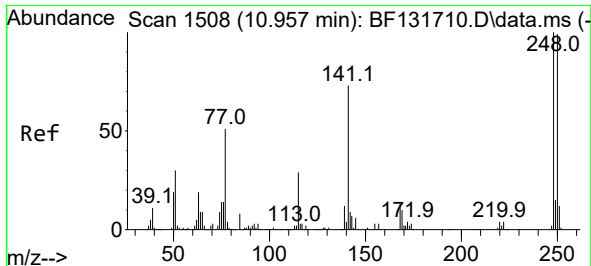
Tgt Ion:198 Resp: 108452  
Ion Ratio Lower Upper  
198 100  
51 54.1 34.1 74.1  
105 49.7 29.7 69.7



#66  
n-Nitrosodiphenylamine  
Concen: 38.870 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:169 Resp: 469717  
Ion Ratio Lower Upper  
169 100  
168 65.5 52.4 78.6  
167 35.7 28.6 42.8

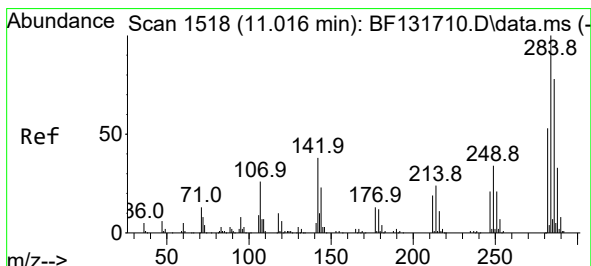
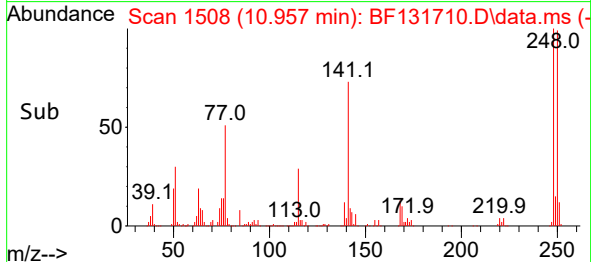
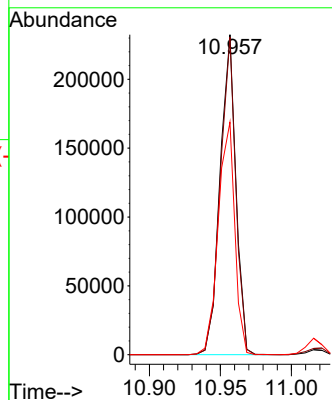
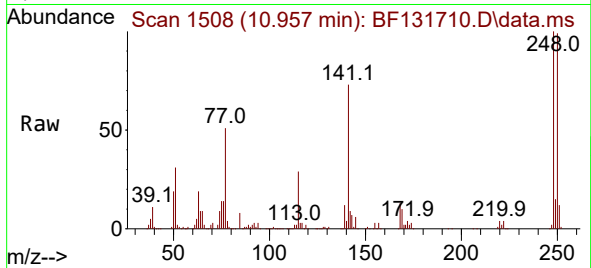




#67  
4-Bromophenyl-phenylether  
Concen: 37.538 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

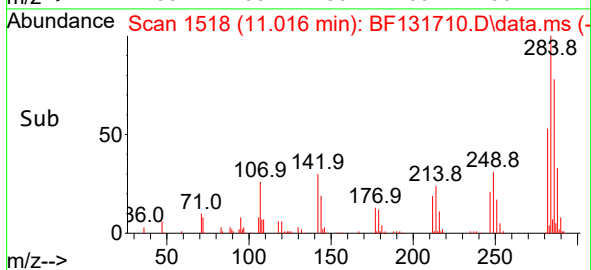
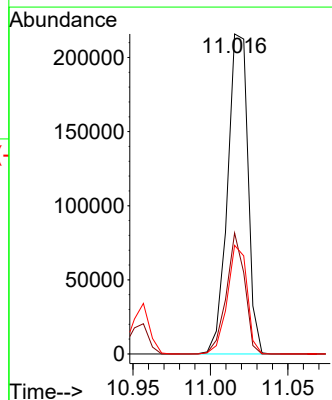
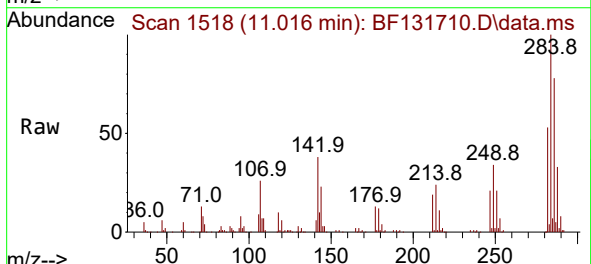
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

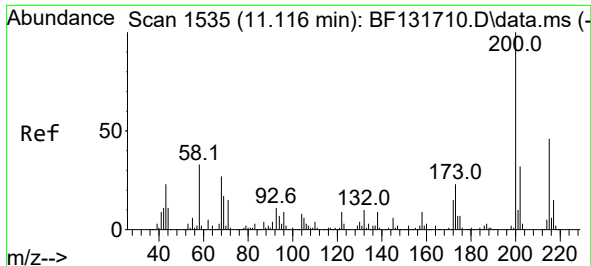
Tgt Ion:248 Resp: 180503  
Ion Ratio Lower Upper  
248 100  
250 99.2 79.4 119.0  
141 72.6 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 38.049 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:284 Resp: 197898  
Ion Ratio Lower Upper  
284 100  
142 37.8 30.2 45.4  
249 34.0 27.2 40.8

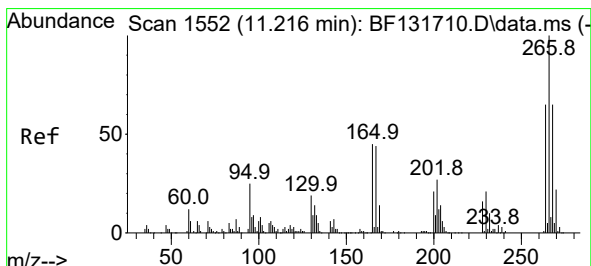
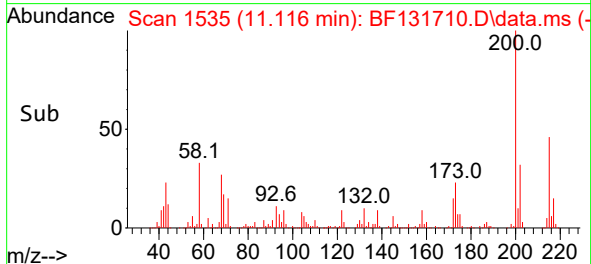
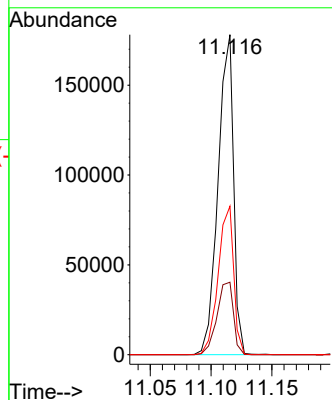
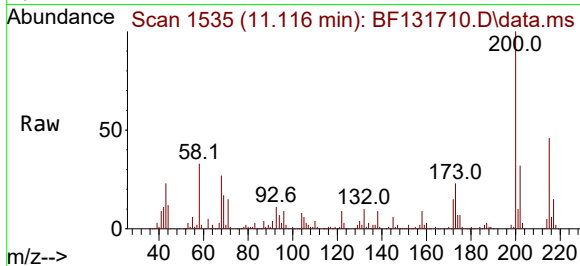




#69  
 Atrazine  
 Concen: 41.180 ng  
 RT: 11.116 min Scan# 1535  
 Delta R.T. 0.000 min  
 Lab File: BF131710.D  
 Acq: 20 Dec 2022 13:34

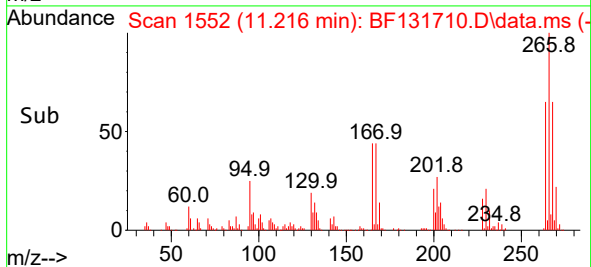
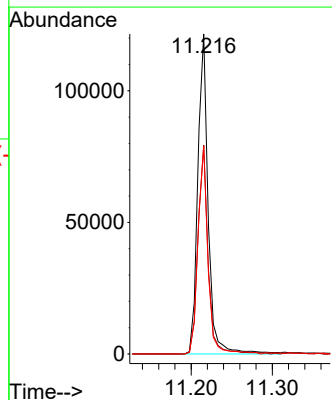
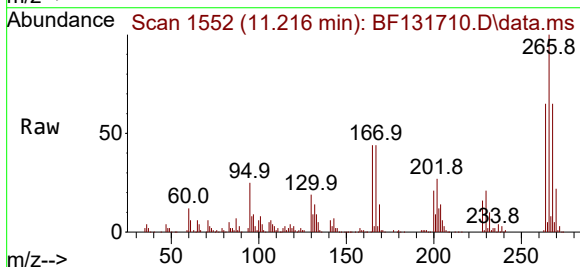
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

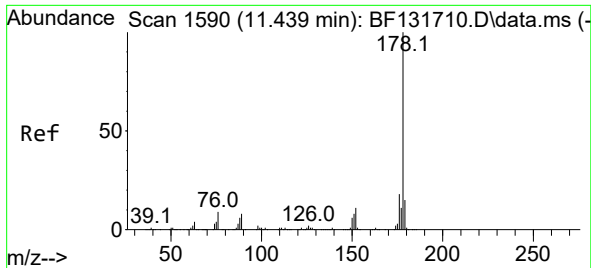
Tgt Ion:200 Resp: 158026  
 Ion Ratio Lower Upper  
 200 100  
 173 22.7 2.7 42.7  
 215 46.4 26.4 66.4



#70  
 Pentachlorophenol  
 Concen: 40.546 ng  
 RT: 11.216 min Scan# 1552  
 Delta R.T. 0.000 min  
 Lab File: BF131710.D  
 Acq: 20 Dec 2022 13:34

Tgt Ion:266 Resp: 108566  
 Ion Ratio Lower Upper  
 266 100  
 268 65.3 52.2 78.4  
 264 65.0 52.0 78.0

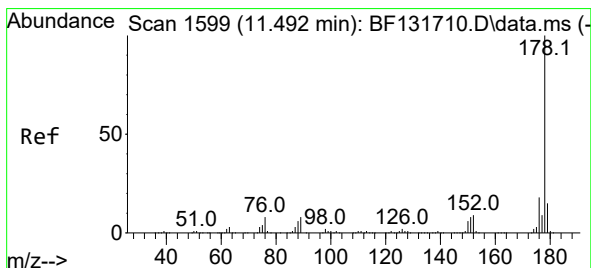
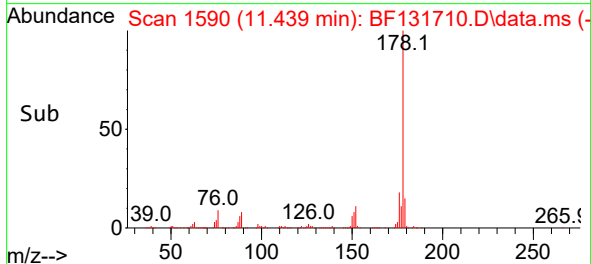
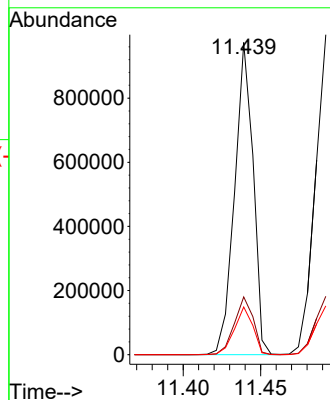
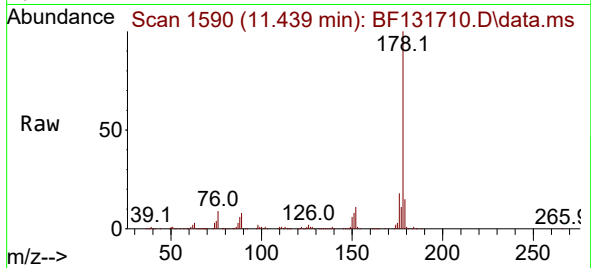




#71  
Phenanthrene  
Concen: 38.842 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

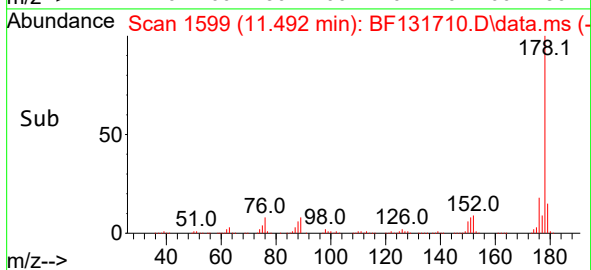
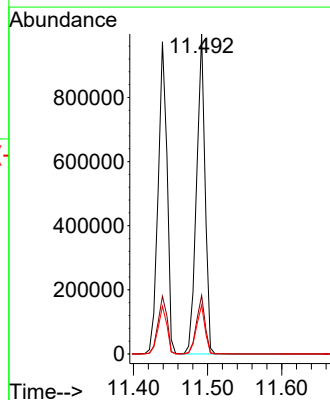
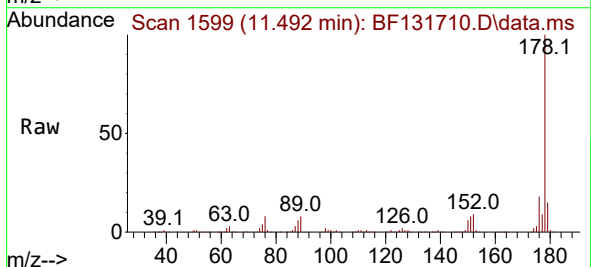
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

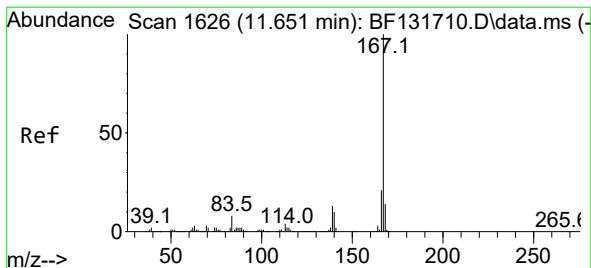
Tgt Ion:178 Resp: 809252  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 39.195 ng  
RT: 11.492 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:178 Resp: 794490  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 21.8  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 40.946 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

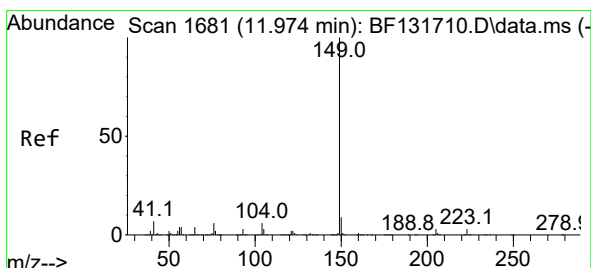
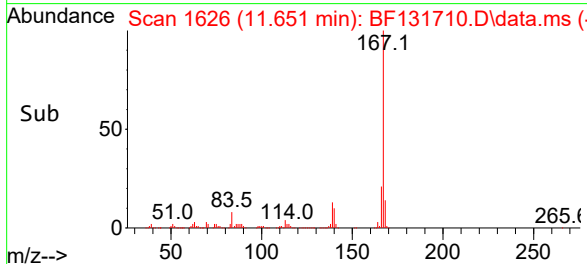
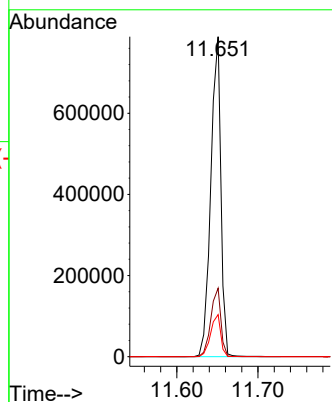
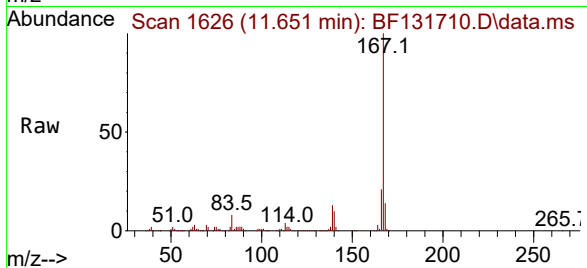
Tgt Ion:167 Resp: 677461

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 40.707 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

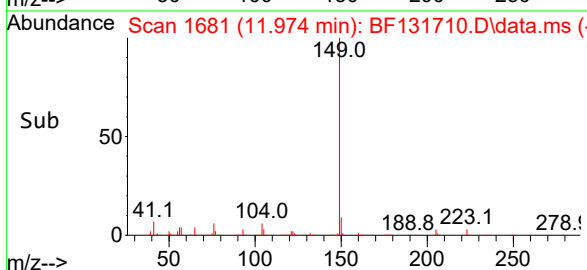
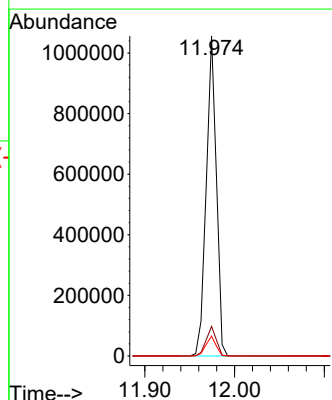
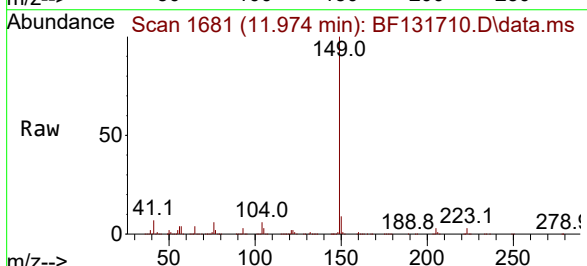
Tgt Ion:149 Resp: 826281

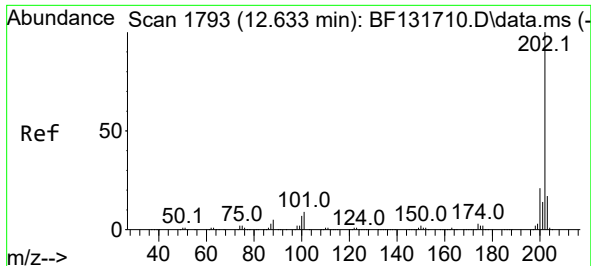
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 6.2 5.0 7.4

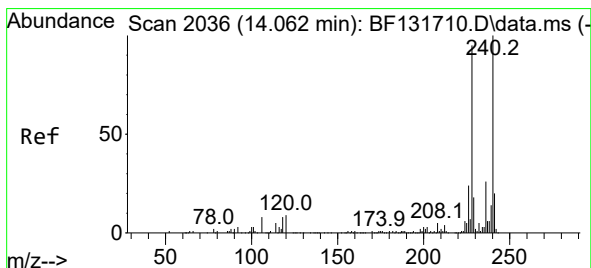
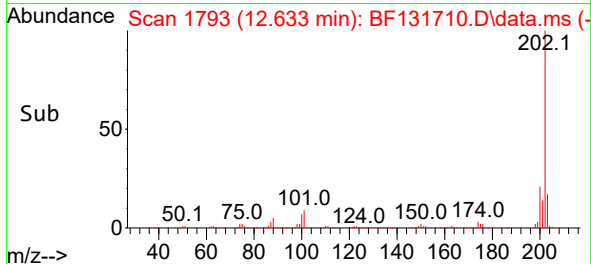
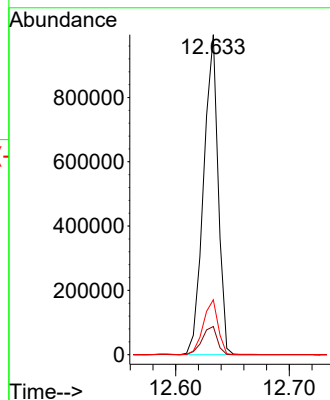
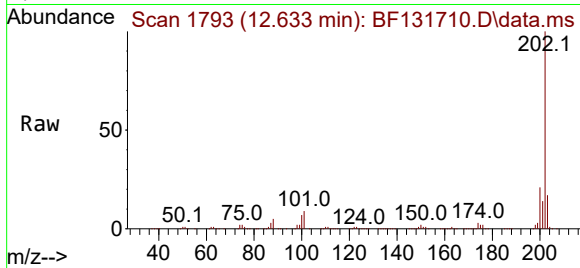




#75  
Fluoranthene  
Concen: 41.018 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

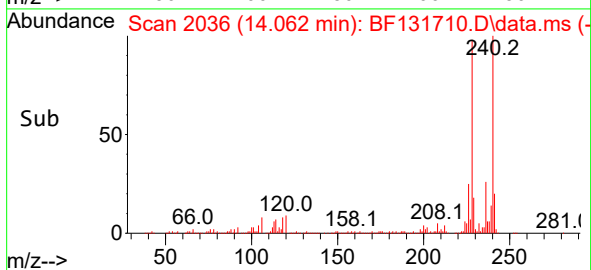
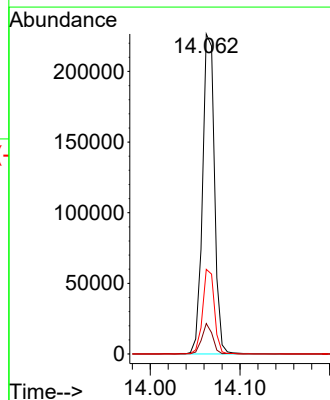
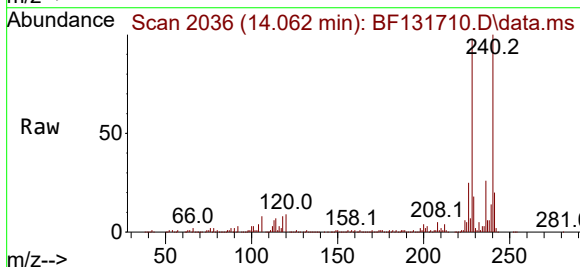
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

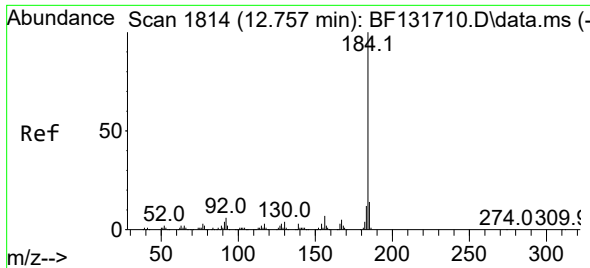
Tgt Ion:202 Resp: 879993  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 28.8  
203 17.1 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:240 Resp: 209964  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.6 11.4  
236 26.5 21.2 31.8

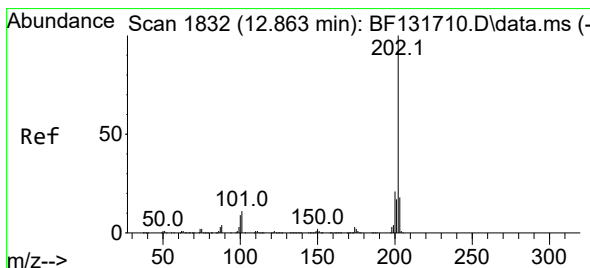
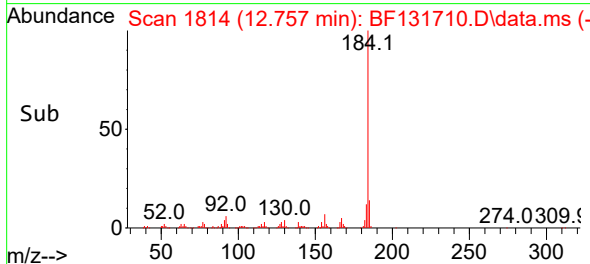
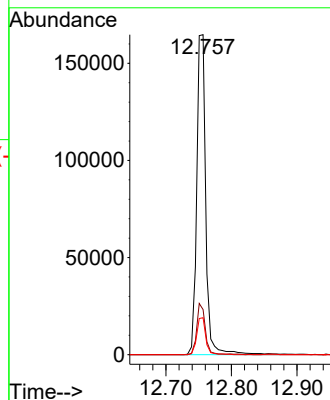
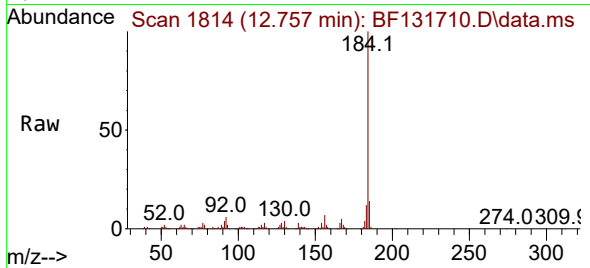




#77  
Benzidine  
Concen: 28.191 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

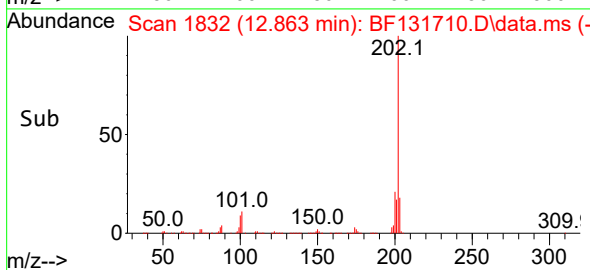
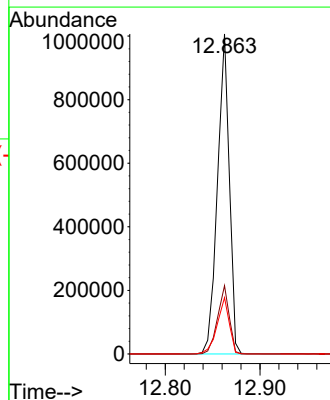
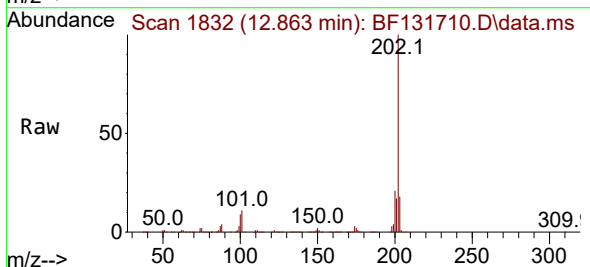
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

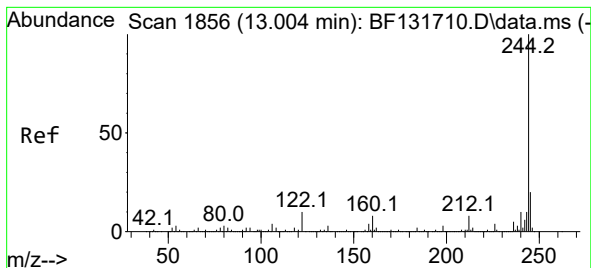
Tgt Ion:184 Resp: 158597  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.3 16.9  
183 11.6 9.3 13.9



#78  
Pyrene  
Concen: 42.132 ng  
RT: 12.863 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:202 Resp: 872283  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.1 25.7  
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 79.323 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

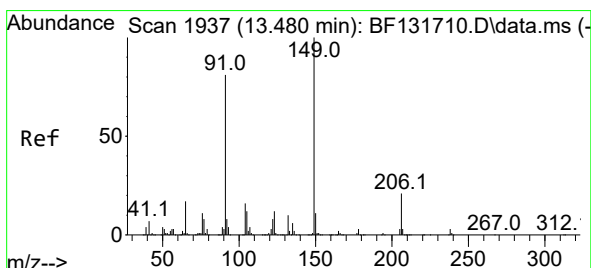
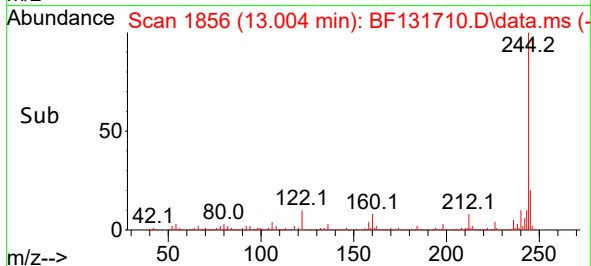
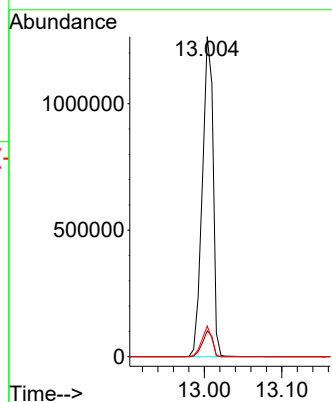
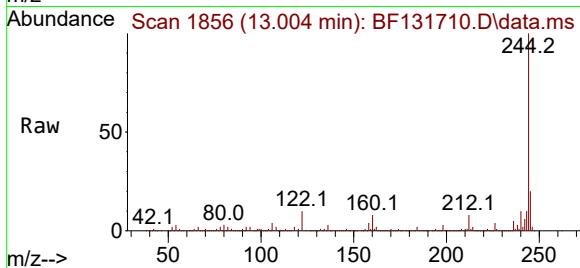
Tgt Ion:244 Resp: 1214441

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 48.697 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

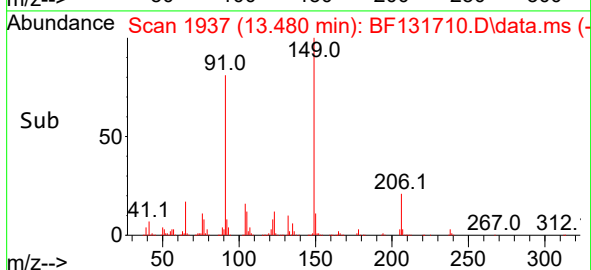
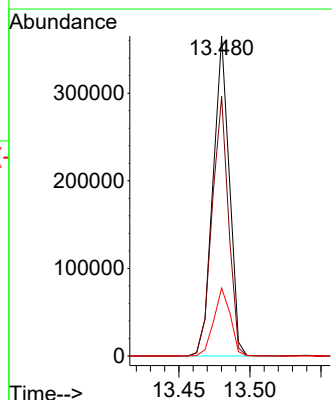
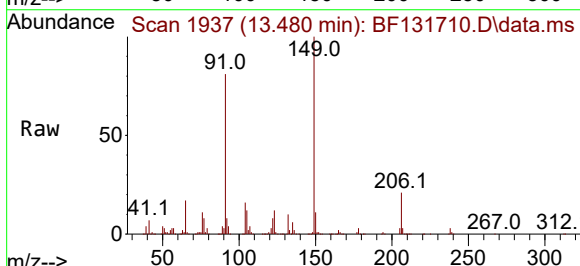
Tgt Ion:149 Resp: 291770

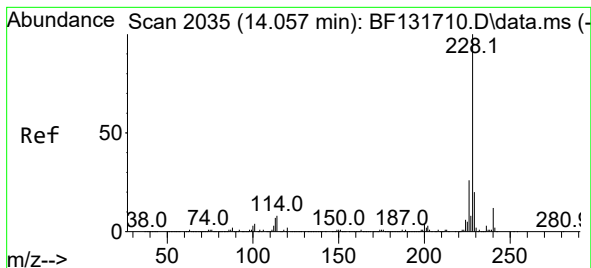
Ion Ratio Lower Upper

149 100

91 81.1 64.9 97.3

206 21.2 17.0 25.4





#81

Benzo(a)anthracene

Concen: 42.147 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

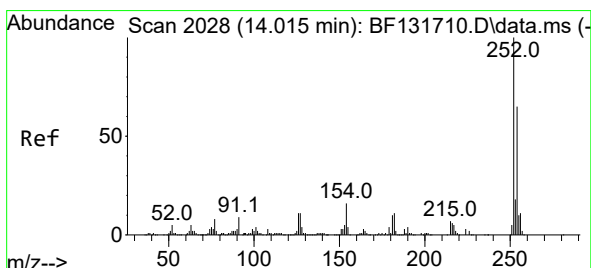
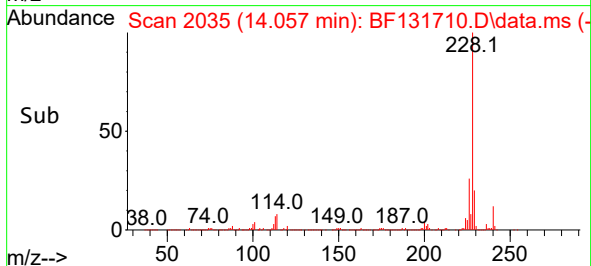
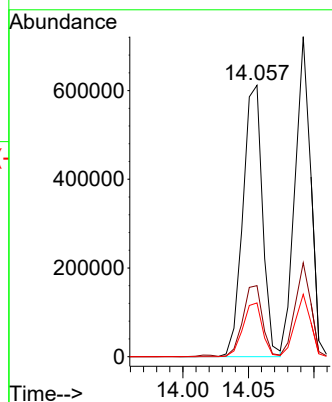
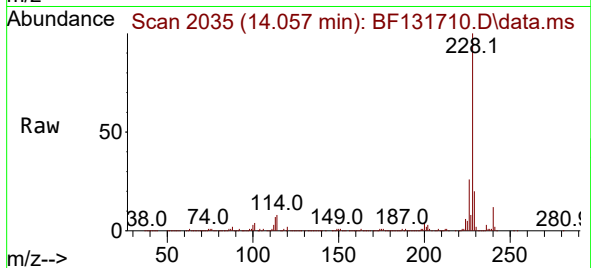
Tgt Ion:228 Resp: 639061

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.289 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

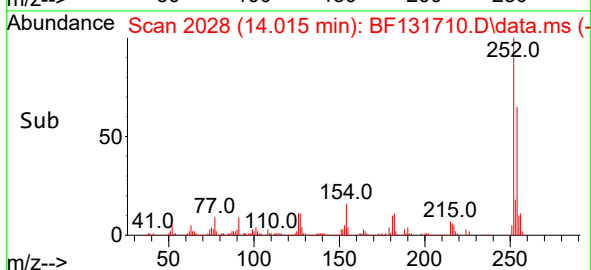
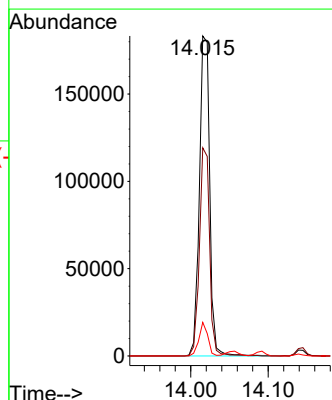
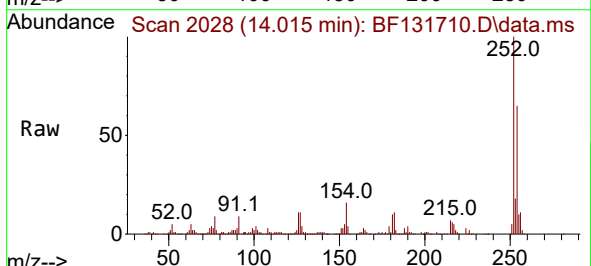
Tgt Ion:252 Resp: 169494

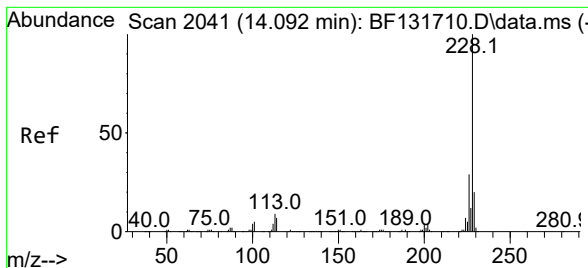
Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 10.5 8.4 12.6





#83

Chrysene

Concen: 41.678 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

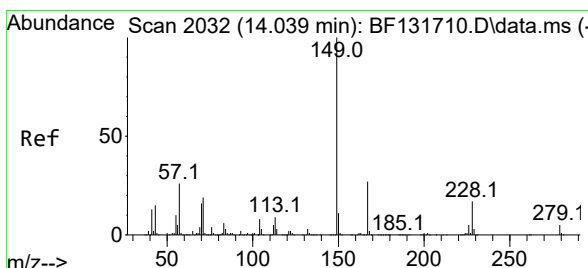
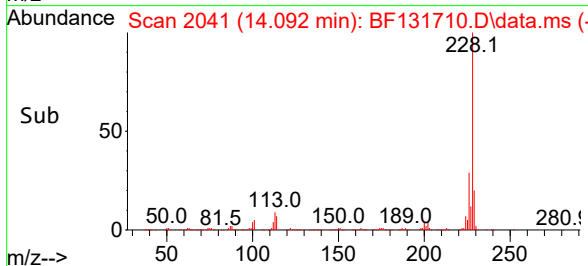
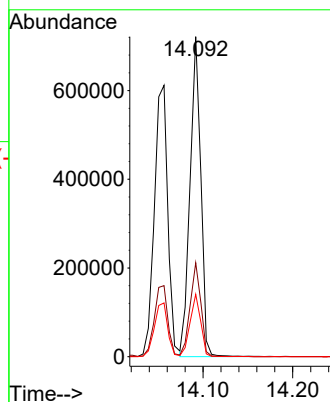
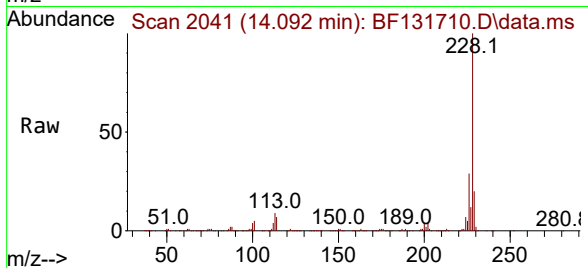
Tgt Ion:228 Resp: 600797

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.069 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

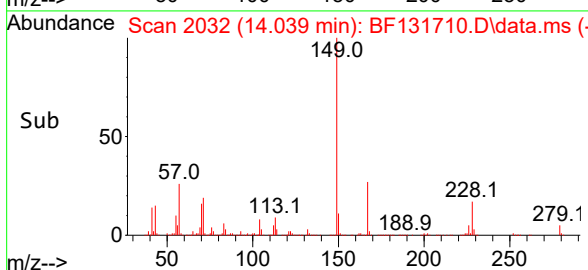
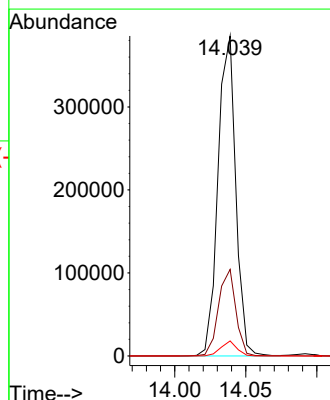
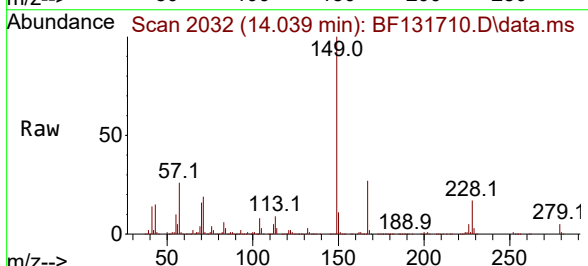
Tgt Ion:149 Resp: 334211

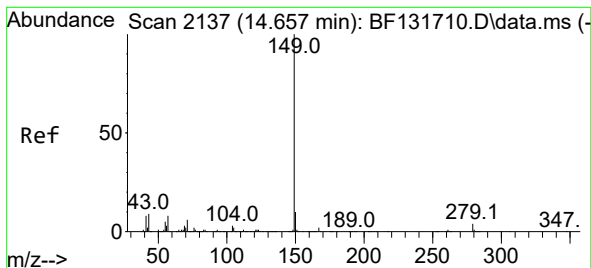
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 4.7 3.8 5.6

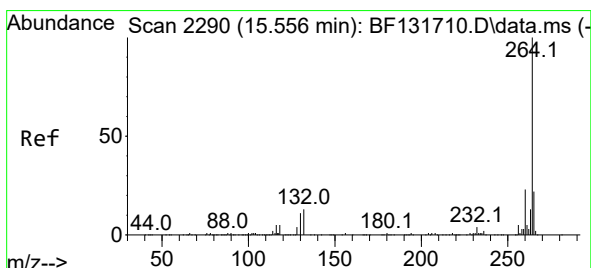
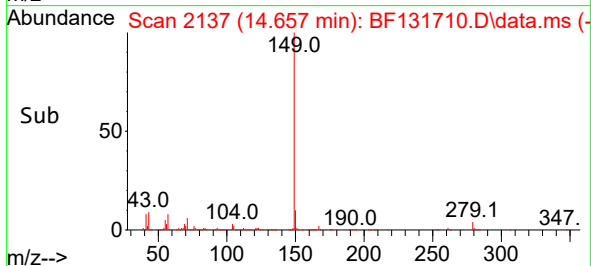
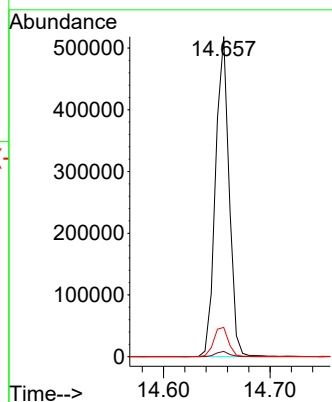
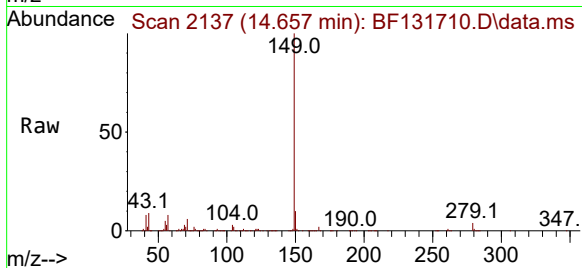




#85  
Di-n-octyl phthalate  
Concen: 37.486 ng  
RT: 14.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

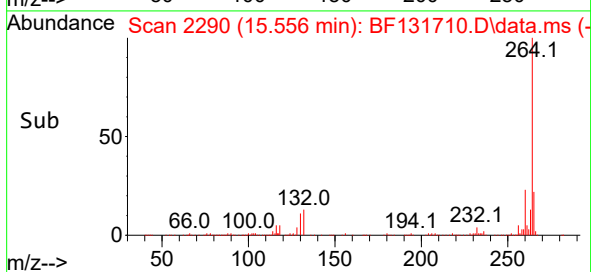
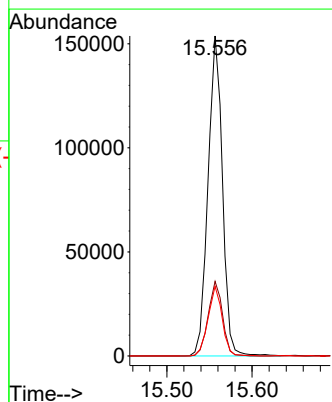
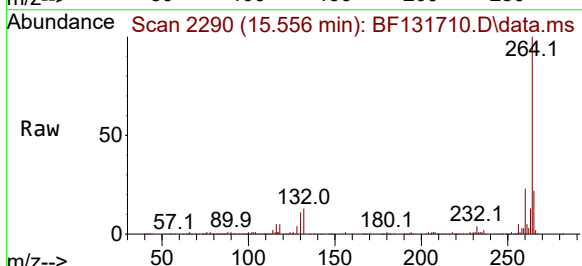
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

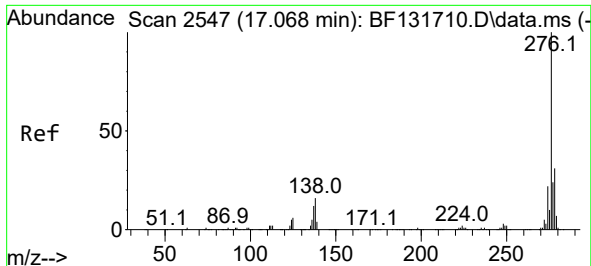
Tgt Ion:149 Resp: 458101  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.4 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.556 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:264 Resp: 180563  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 21.8 17.4 26.2

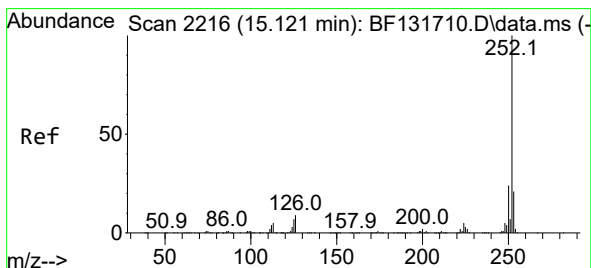
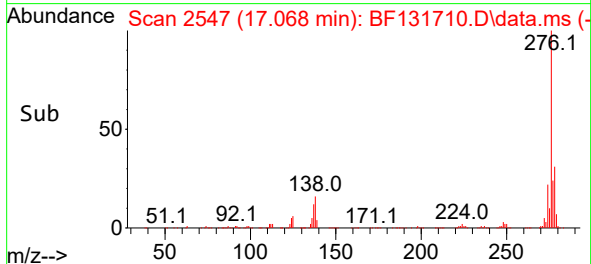
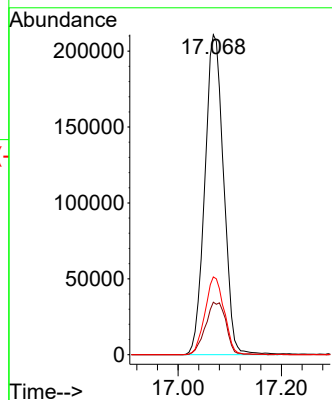
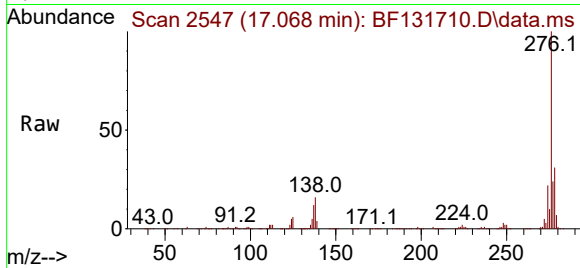




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.073 ng  
RT: 17.068 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

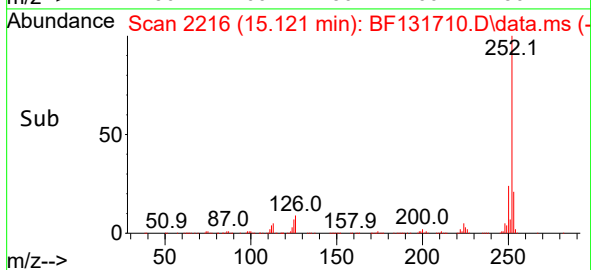
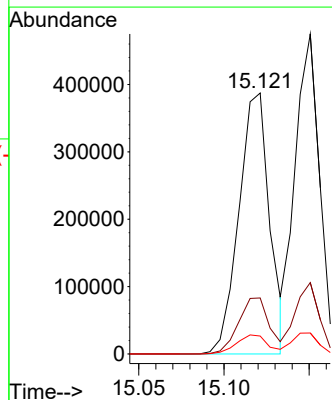
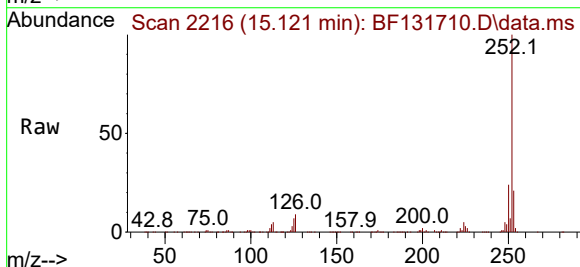
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

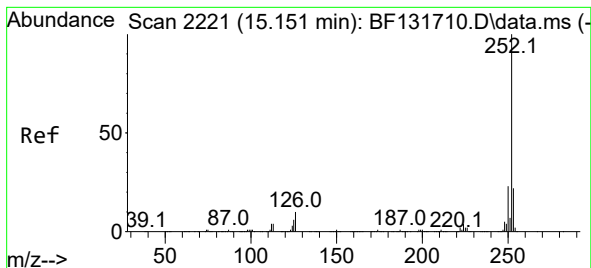
Tgt Ion:276 Resp: 531560  
Ion Ratio Lower Upper  
276 100  
138 18.0 14.4 21.6  
277 24.8 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 40.833 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. 0.000 min  
Lab File: BF131710.D  
Acq: 20 Dec 2022 13:34

Tgt Ion:252 Resp: 485940  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 6.9 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 38.702 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

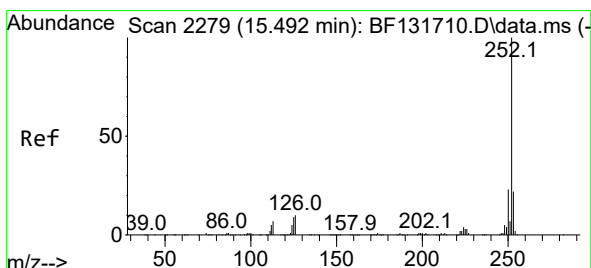
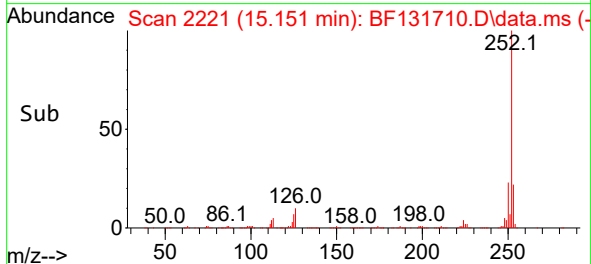
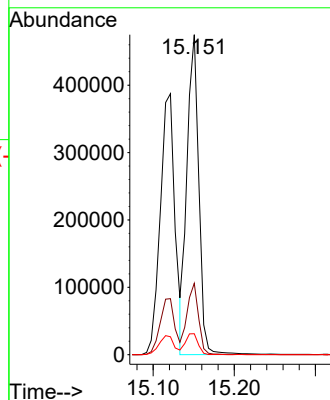
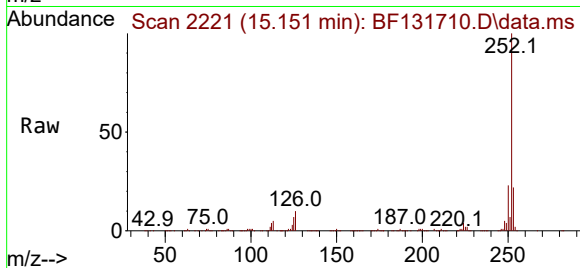
Tgt Ion:252 Resp: 480737

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 6.5 5.2 7.8



#90

Benzo(a)pyrene

Concen: 39.765 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131710.D

Acq: 20 Dec 2022 13:34

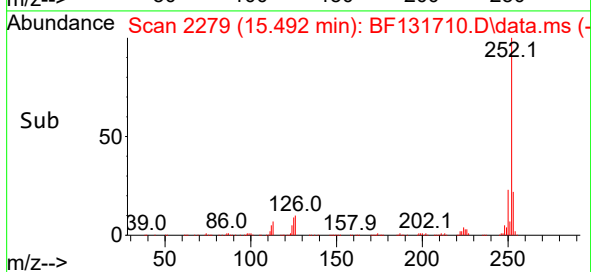
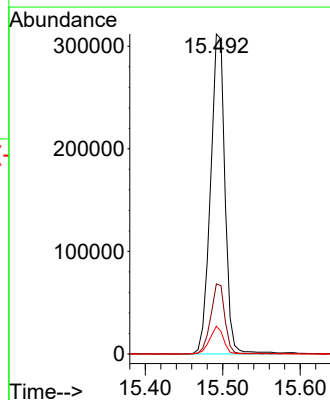
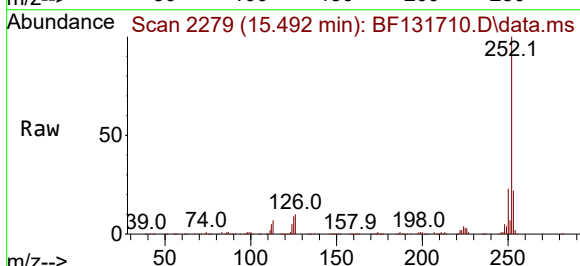
Tgt Ion:252 Resp: 403854

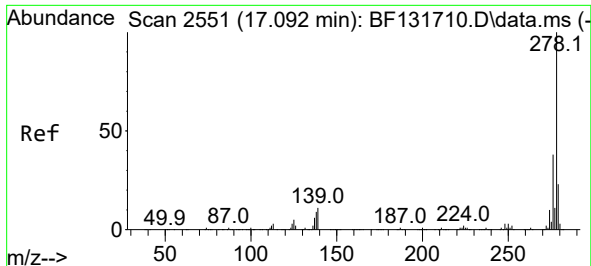
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 7.0 10.4

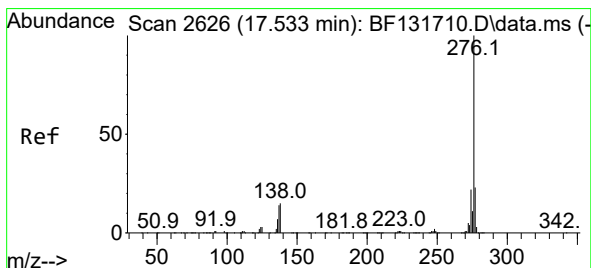
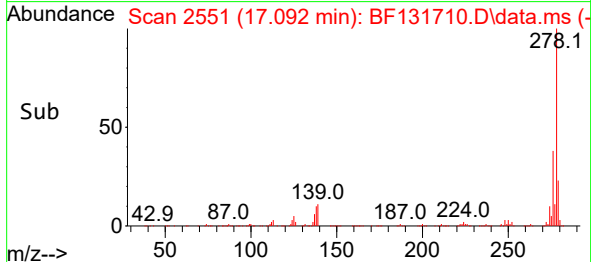
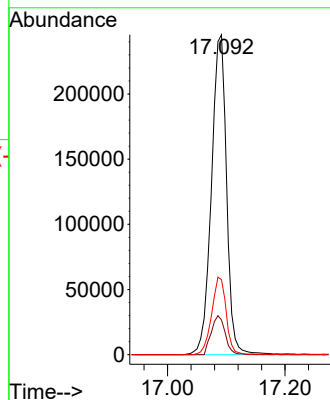
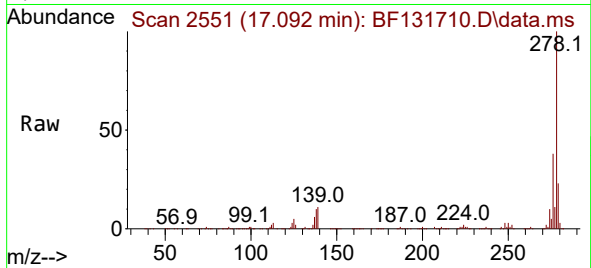




#91  
 Dibenzo(a,h)anthracene  
 Concen: 36.267 ng  
 RT: 17.092 min Scan# 2551  
 Delta R.T. 0.000 min  
 Lab File: BF131710.D  
 Acq: 20 Dec 2022 13:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:278 Resp: 439838  
 Ion Ratio Lower Upper  
 278 100  
 139 10.9 8.7 13.1  
 279 23.4 18.7 28.1



#92  
 Benzo(g,h,i)perylene  
 Concen: 35.746 ng  
 RT: 17.533 min Scan# 2626  
 Delta R.T. 0.000 min  
 Lab File: BF131710.D  
 Acq: 20 Dec 2022 13:34

Tgt Ion:276 Resp: 435699  
 Ion Ratio Lower Upper  
 276 100  
 277 22.9 18.3 27.5  
 138 15.4 12.3 18.5

