

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
 Data File : BF133000.D  
 Acq On : 24 Apr 2023 17:47  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 25 02:09:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 22 03:30:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.745  | 152  | 205550   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.033  | 136  | 788335   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.786  | 164  | 387317   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.269 | 188  | 671982   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.904 | 240  | 487499   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.327 | 264  | 500178   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 1027823  | 75.536 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.386  | 99   | 1274217  | 75.446 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.316  | 82   | 1131396  | 77.466 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.574 | 330  | 312798   | 80.303 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.110  | 172  | 1822993  | 78.743 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.857 | 244  | 1977787  | 69.970 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.410  | 88   | 239265   | 37.910 | ng    | 99       |
| 3) Pyridine                   | 3.116  | 79   | 663322   | 39.570 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.069  | 42   | 323324   | 37.237 | ng    | 98       |
| 6) Aniline                    | 6.410  | 93   | 822929   | 37.831 | ng    | 95       |
| 8) 2-Chlorophenol             | 6.534  | 128  | 524252   | 37.946 | ng    | 97       |
| 9) Benzaldehyde               | 6.292  | 77   | 329621   | 43.678 | ng    | 100      |
| 10) Phenol                    | 6.404  | 94   | 692941   | 37.191 | ng    | 78       |
| 11) bis(2-Chloroethyl)ether   | 6.486  | 93   | 513455   | 36.724 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.686  | 146  | 550788   | 37.498 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.763  | 146  | 552772   | 37.550 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.922  | 146  | 511626   | 37.697 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.892  | 79   | 452318   | 38.771 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.028  | 45   | 881198   | 36.287 | ng    | 100      |
| 17) 2-Methylphenol            | 7.010  | 107  | 473035   | 37.392 | ng    | 100      |
| 18) Hexachloroethane          | 7.263  | 117  | 189680   | 37.061 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.169  | 70   | 362933   | 34.518 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 553629   | 37.161 | ng    | 99       |
| 22) Acetophenone              | 7.163  | 105  | 695512   | 38.086 | ng    | # 98     |
| 24) Nitrobenzene              | 7.333  | 77   | 569053   | 38.450 | ng    | 98       |
| 25) Isophorone                | 7.575  | 82   | 1027146  | 37.041 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.651  | 139  | 296649   | 41.557 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.692  | 122  | 472089   | 38.569 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.786  | 93   | 611049   | 37.248 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.892  | 162  | 434137   | 38.961 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.975  | 180  | 445130   | 38.560 | ng    | 99       |
| 31) Naphthalene               | 8.057  | 128  | 1509246  | 38.292 | ng    | 99       |
| 32) Benzoic acid              | 7.810  | 122  | 356764   | 47.187 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.104  | 127  | 637306   | 40.019 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.175  | 225  | 240754   | 37.629 | ng    | 99       |
| 35) Caprolactam               | 8.475  | 113  | 151001   | 40.339 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.586  | 107  | 450582   | 37.498 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.745  | 142  | 987302   | 36.639 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.845  | 142  | 923771   | 36.646 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.910  | 216  | 396674   | 38.091 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.904  | 237  | 235031   | 38.698 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 275218   | 38.215 | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 22 03:30:56 2023  
 Response via : Initial Calibration

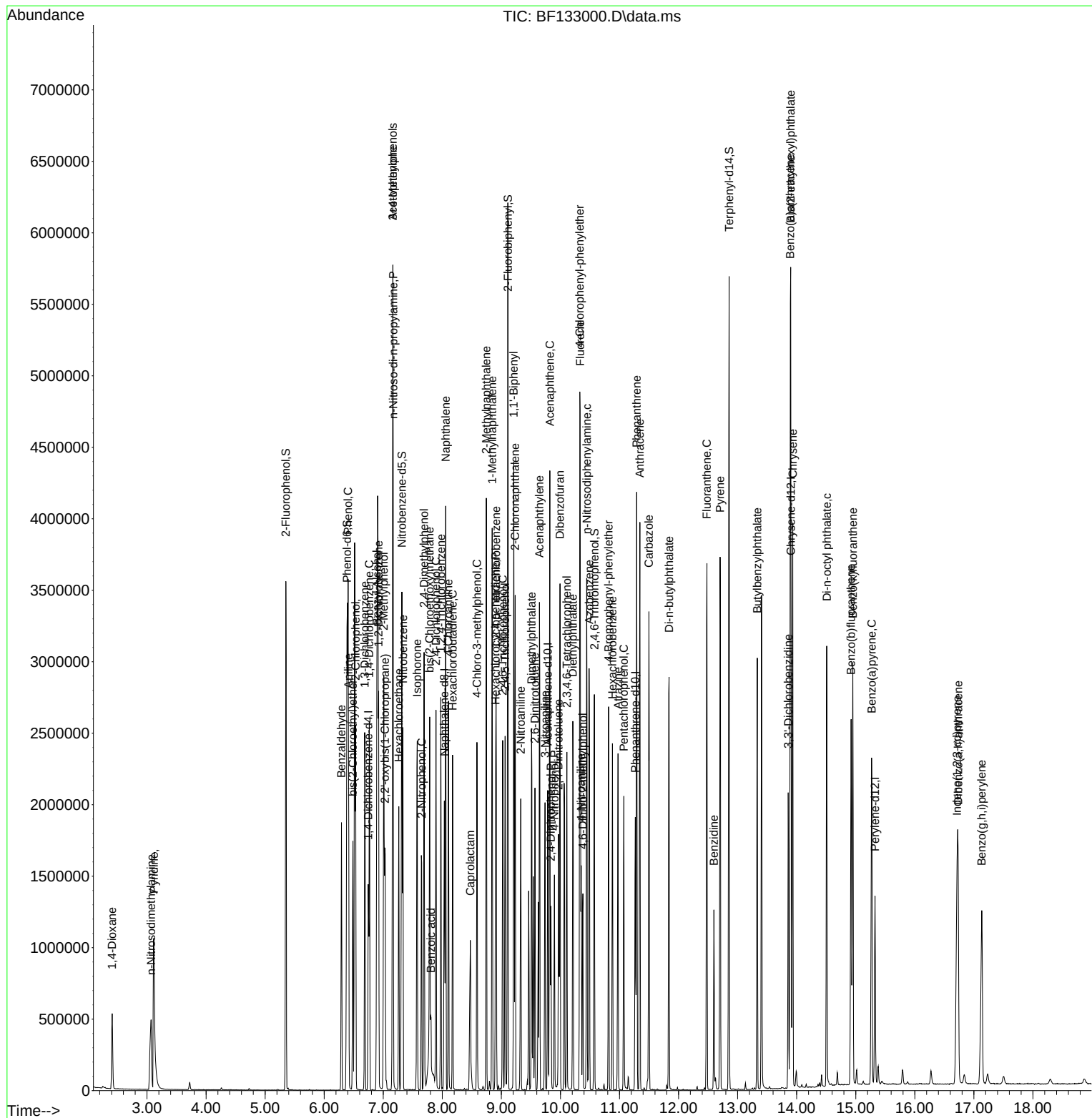
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.063  | 196  | 319868   | 38.403 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.210  | 154  | 1167540  | 38.015 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.233  | 162  | 859381   | 38.229 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.327  | 65   | 289292   | 38.939 | ng    | 94       |
| 49) Acenaphthylene            | 9.645  | 152  | 1387957  | 38.641 | ng    | 99       |
| 50) Dimethylphthalate         | 9.510  | 163  | 1025275  | 37.963 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.569  | 165  | 234684   | 38.609 | ng    | 99       |
| 52) Acenaphthene              | 9.822  | 154  | 927308   | 38.547 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.739  | 138  | 289703   | 40.083 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.839  | 184  | 134438   | 44.001 | ng    | 95       |
| 55) Dibenzofuran              | 9.992  | 168  | 1255888  | 38.271 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.898  | 139  | 222686   | 39.781 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 9.969  | 165  | 314869   | 40.619 | ng    | 99       |
| 58) Fluorene                  | 10.333 | 166  | 909483   | 37.829 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 247553   | 38.337 | ng    | 99       |
| 60) Diethylphthalate          | 10.210 | 149  | 962121   | 37.716 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.327 | 204  | 439703   | 37.529 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.351 | 138  | 289856   | 43.635 | ng    | 99       |
| 63) Azobenzene                | 10.486 | 77   | 1009299  | 37.349 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.380 | 198  | 179939   | 44.178 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 846617   | 38.840 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248  | 280840   | 38.534 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.880 | 284  | 286396   | 38.350 | ng    | 97       |
| 69) Atrazine                  | 10.974 | 200  | 248926   | 39.633 | ng    | 99       |
| 70) Pentachlorophenol         | 11.074 | 266  | 216536   | 40.713 | ng    | 97       |
| 71) Phenanthrene              | 11.292 | 178  | 1386784  | 38.397 | ng    | 100      |
| 72) Anthracene                | 11.345 | 178  | 1422864  | 38.496 | ng    | 99       |
| 73) Carbazole                 | 11.498 | 167  | 1299898  | 39.496 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 1480265  | 39.744 | ng    | 98       |
| 75) Fluoranthene              | 12.480 | 202  | 1439388  | 39.710 | ng    | 97       |
| 77) Benzidine                 | 12.598 | 184  | 420183   | 50.969 | ng    | # 94     |
| 78) Pyrene                    | 12.704 | 202  | 1487397  | 35.592 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.333 | 149  | 621051   | 41.972 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.892 | 228  | 1245119  | 37.141 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.857 | 252  | 412580   | 44.550 | ng    | # 99     |
| 83) Chrysene                  | 13.933 | 228  | 1266635  | 37.792 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.898 | 149  | 746952   | 40.218 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.509 | 149  | 1396588  | 46.117 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.715 | 276  | 1058111  | 37.190 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.921 | 252  | 1153061  | 36.236 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.951 | 252  | 1177485  | 37.329 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.268 | 252  | 1085699  | 37.485 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.733 | 278  | 886872   | 37.374 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.133 | 276  | 870682   | 37.165 | ng    | 99       |

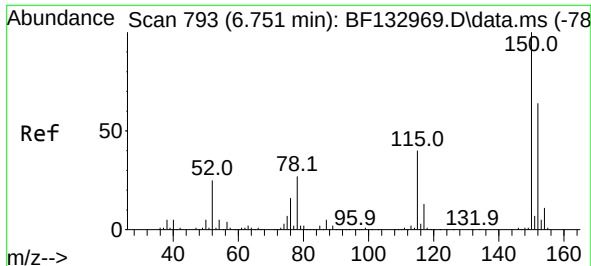
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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
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SSTDCCC040

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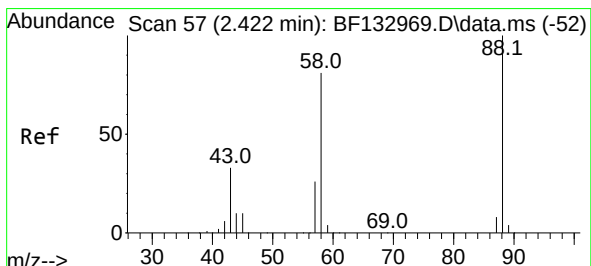
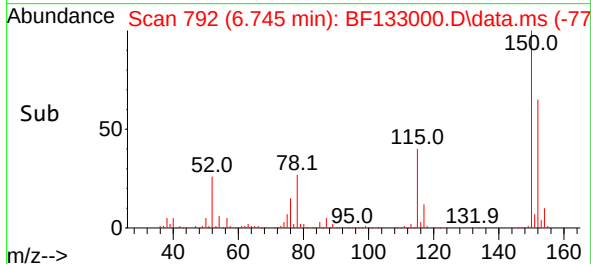
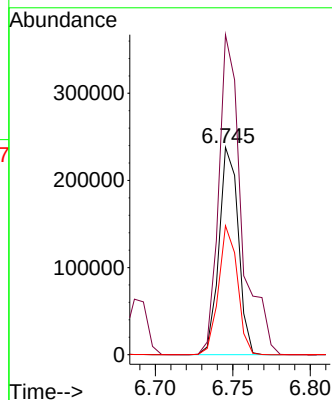
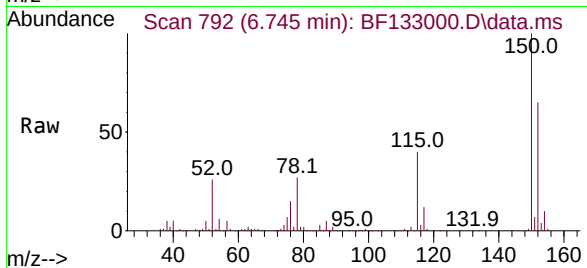




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.745 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF133000.D  
 Acq: 24 Apr 2023 17:47

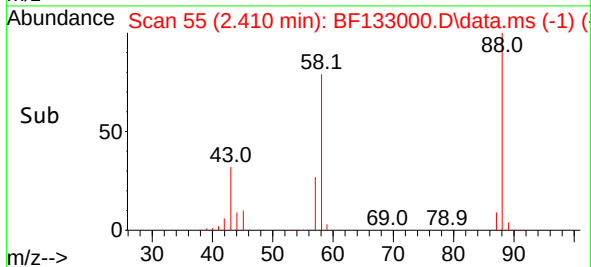
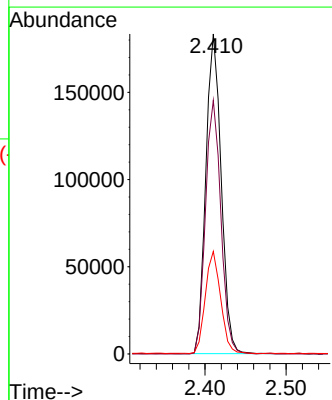
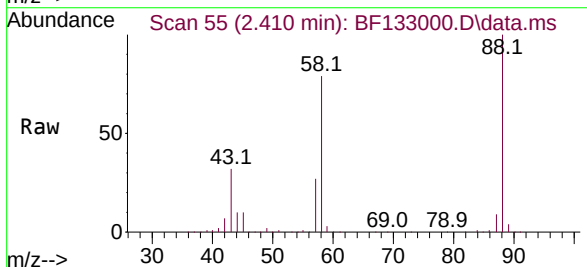
Instrument :  
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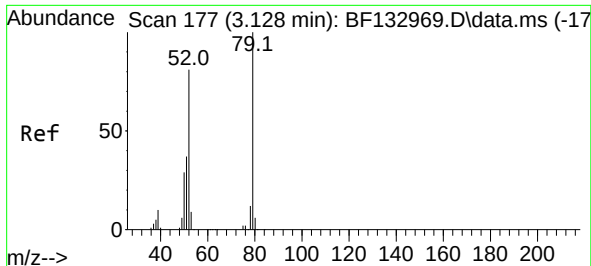
Tgt Ion:152 Resp: 205550  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 124.8 187.2  
 115 62.2 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 37.910 ng  
 RT: 2.410 min Scan# 55  
 Delta R.T. -0.012 min  
 Lab File: BF133000.D  
 Acq: 24 Apr 2023 17:47

Tgt Ion: 88 Resp: 239265  
 Ion Ratio Lower Upper  
 88 100  
 58 79.8 64.7 97.1  
 43 32.0 26.2 39.2





#3

Pyridine

Concen: 39.570 ng

RT: 3.116 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

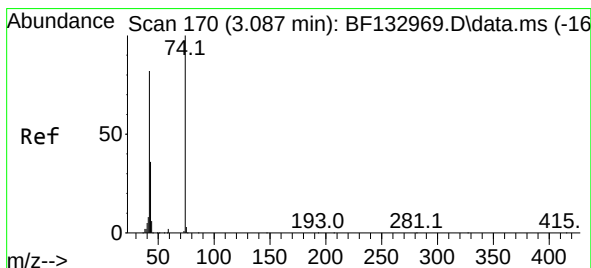
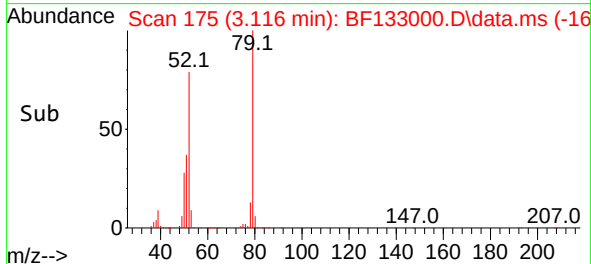
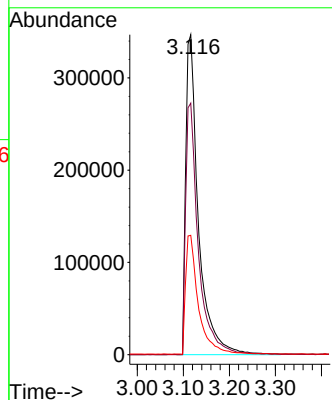
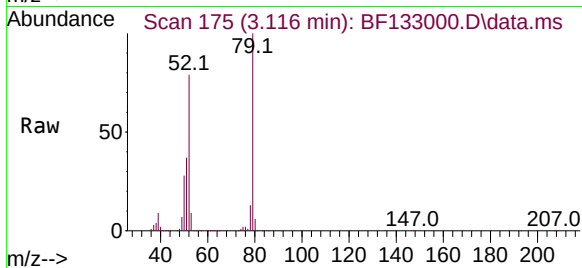
Tgt Ion: 79 Resp: 663322

Ion Ratio Lower Upper

79 100

52 78.6 64.6 96.8

51 37.3 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 37.237 ng

RT: 3.069 min Scan# 167

Delta R.T. -0.018 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

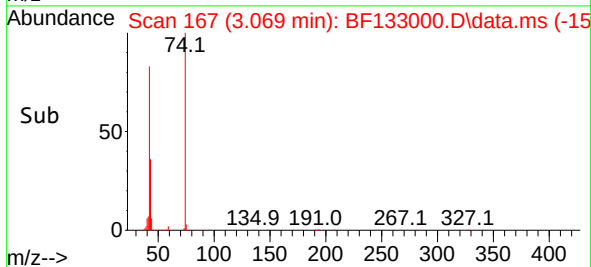
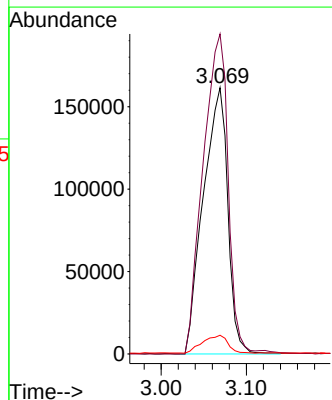
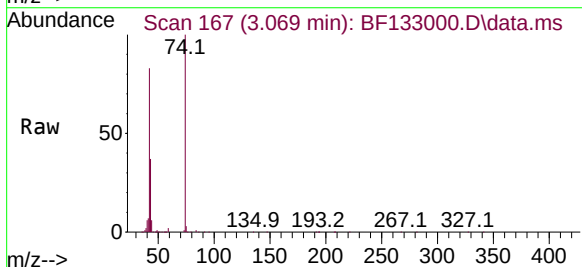
Tgt Ion: 42 Resp: 323324

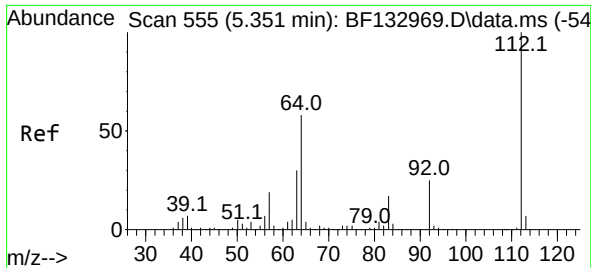
Ion Ratio Lower Upper

42 100

74 120.2 98.0 147.0

44 7.0 5.8 8.8

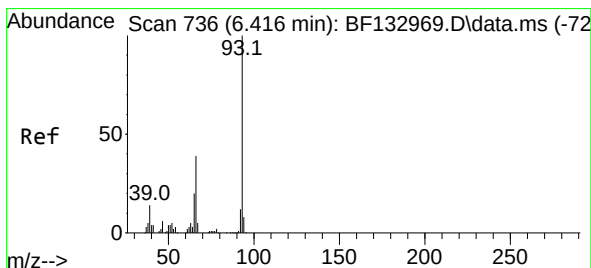
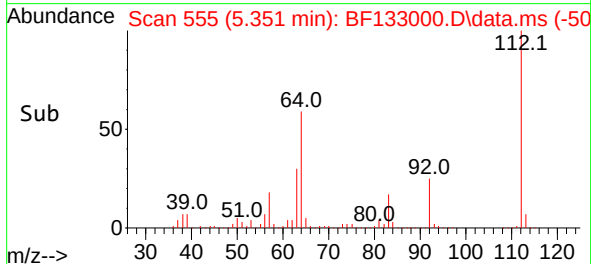
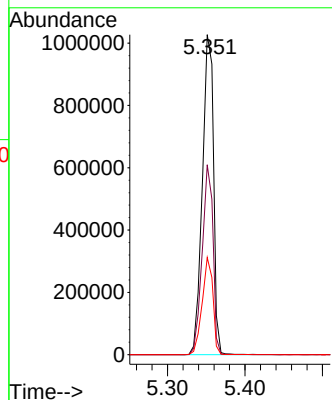
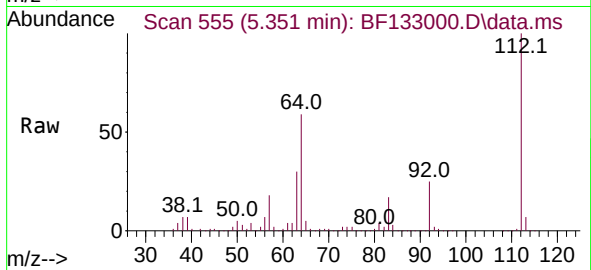




#5  
2-Fluorophenol  
Concen: 75.536 ng  
RT: 5.351 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

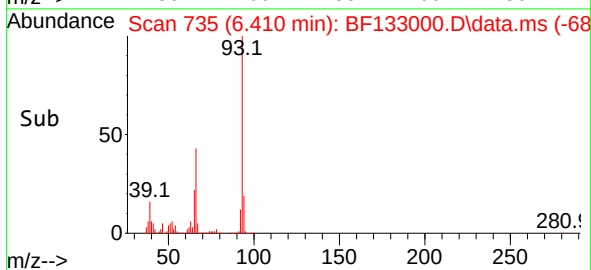
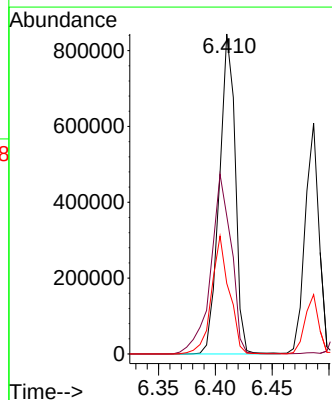
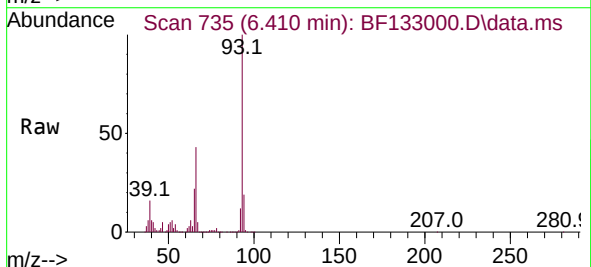
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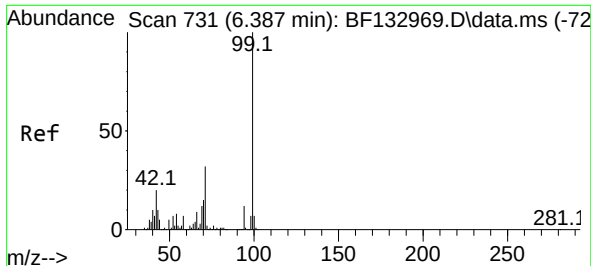
Tgt Ion:112 Resp: 1027823  
Ion Ratio Lower Upper  
112 100  
64 59.4 46.8 70.2  
63 30.4 23.8 35.8



#6  
Aniline  
Concen: 37.831 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion: 93 Resp: 822929  
Ion Ratio Lower Upper  
93 100  
66 43.1 31.5 47.3  
65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 75.446 ng

RT: 6.386 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

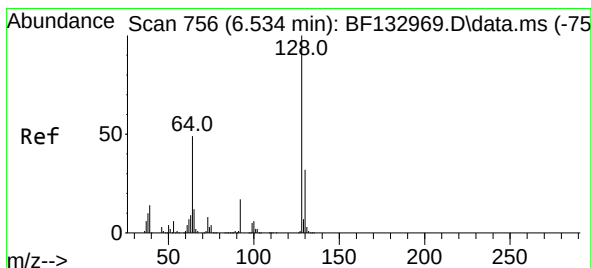
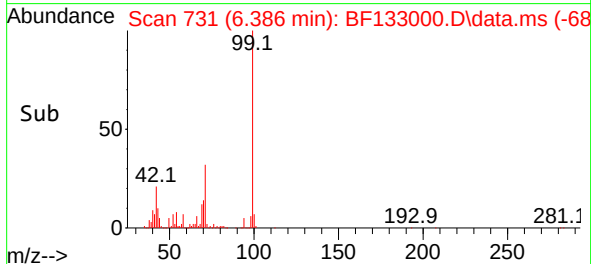
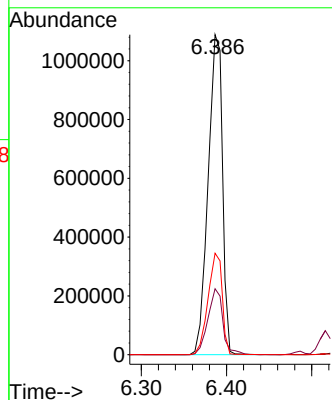
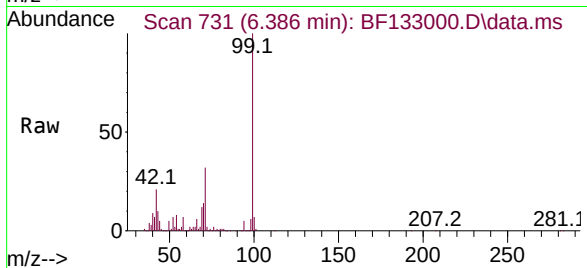
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1274217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.6  | 16.3  | 24.5  |
| 71  | 31.7  | 25.6  | 38.4  |



#8

2-Chlorophenol

Concen: 37.946 ng

RT: 6.534 min Scan# 756

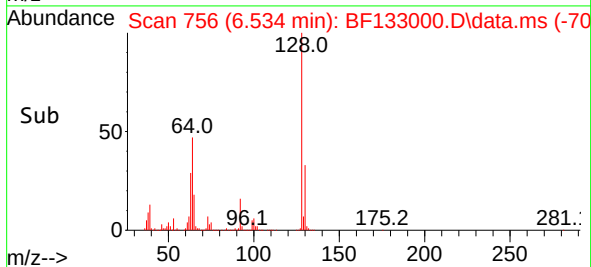
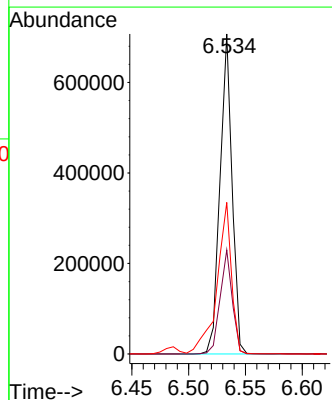
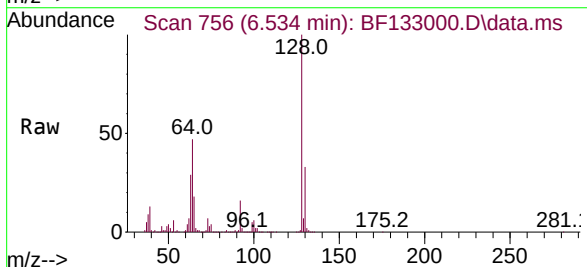
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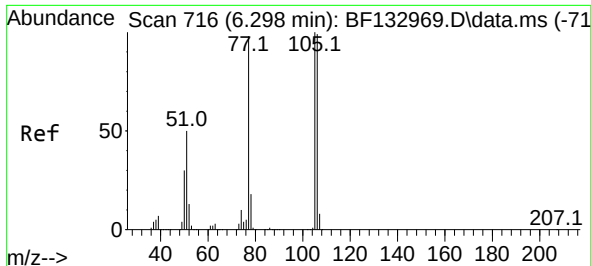
Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Tgt Ion:128 Resp: 524252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.2  | 52.2  |
| 64  | 47.4  | 30.3  | 70.3  |

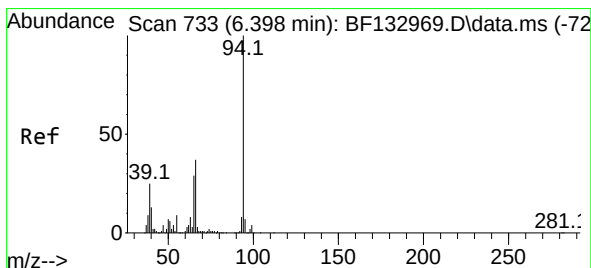
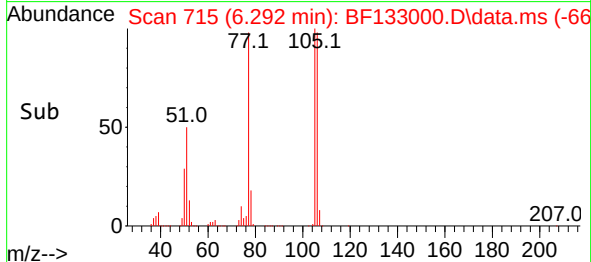
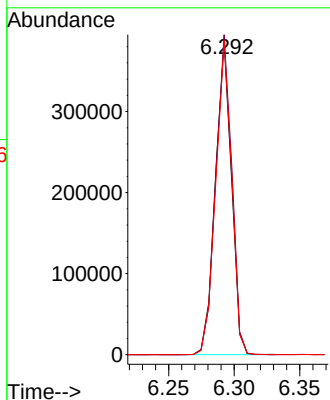
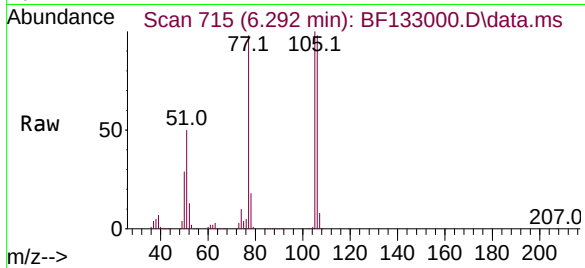




#9  
Benzaldehyde  
Concen: 43.678 ng  
RT: 6.292 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

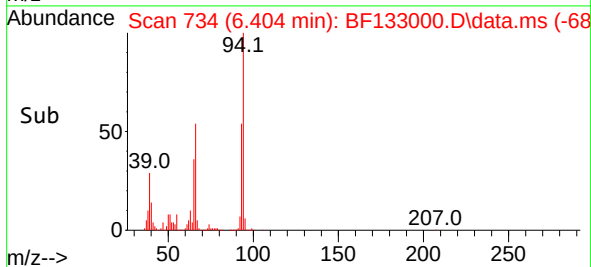
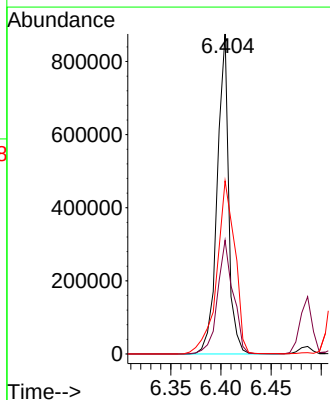
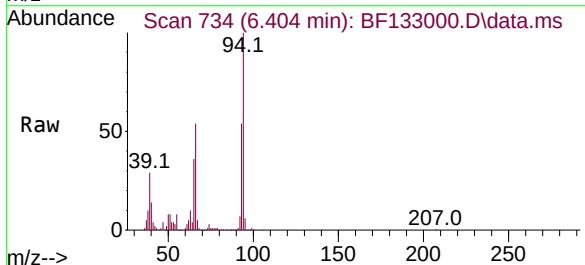
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 329621  
Ion Ratio Lower Upper  
77 100  
105 102.2 82.3 122.3  
106 100.4 80.8 120.8

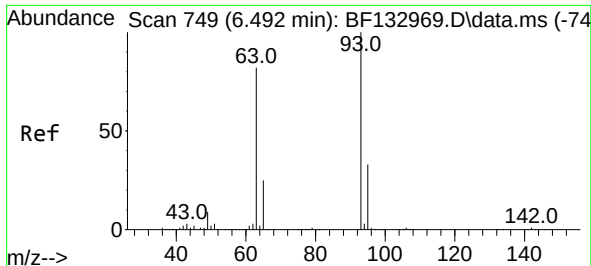


#10  
Phenol  
Concen: 37.191 ng  
RT: 6.404 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion: 94 Resp: 692941  
Ion Ratio Lower Upper  
94 100  
65 35.5 8.6 48.6  
66 54.1 17.3 57.3



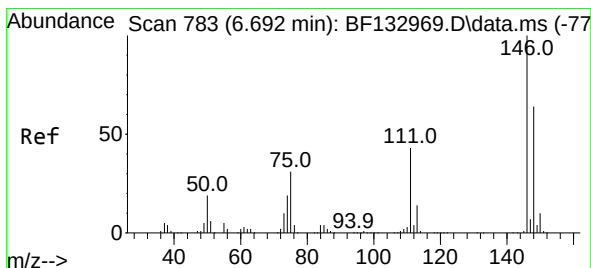
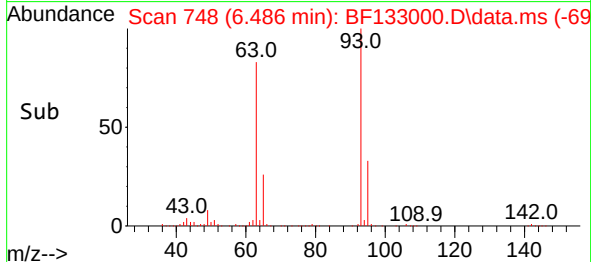
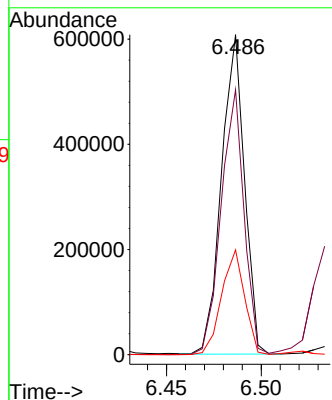
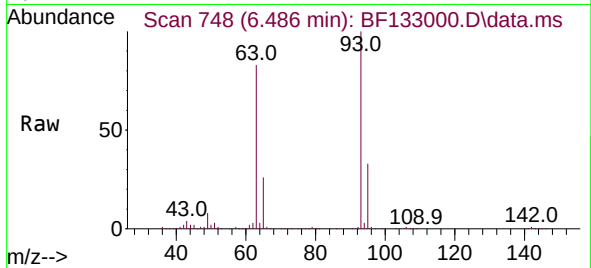




#11  
bis(2-Chloroethyl)ether  
Concen: 36.724 ng  
RT: 6.486 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

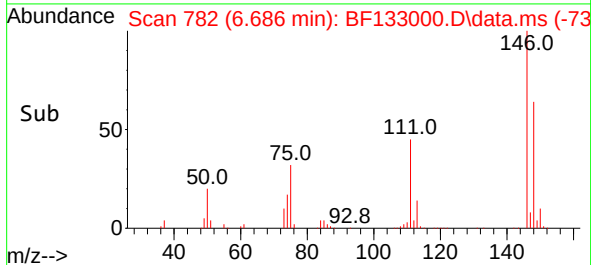
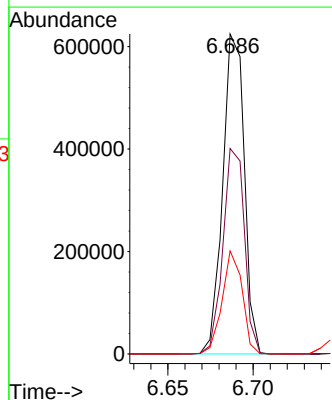
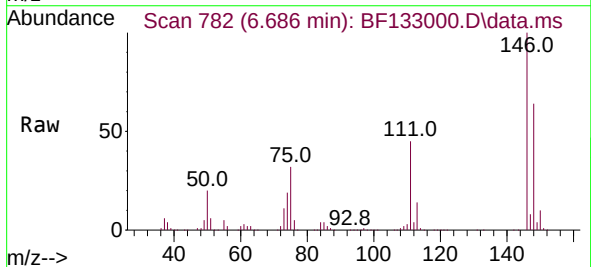
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

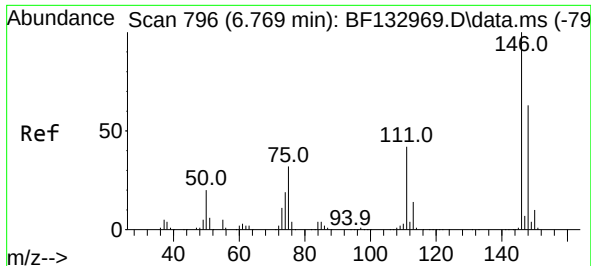
Tgt Ion: 93 Resp: 513455  
Ion Ratio Lower Upper  
93 100  
63 82.8 60.6 100.6  
95 32.8 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 37.498 ng  
RT: 6.686 min Scan# 782  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:146 Resp: 550788  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.4  
75 32.2 24.8 37.2

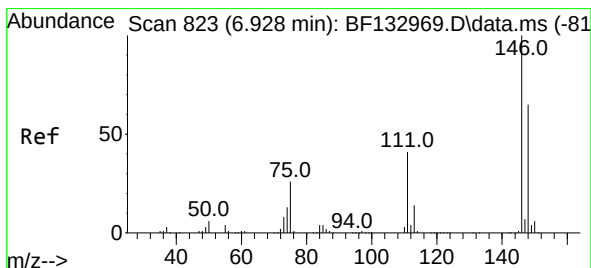
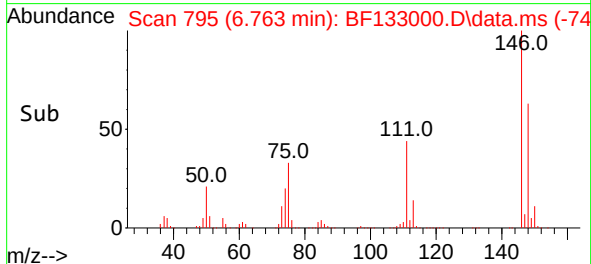
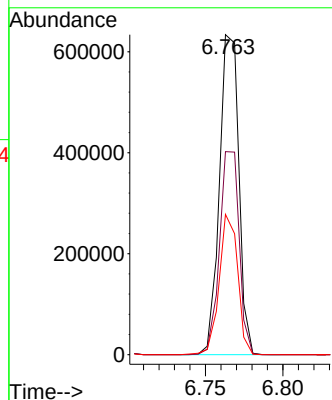
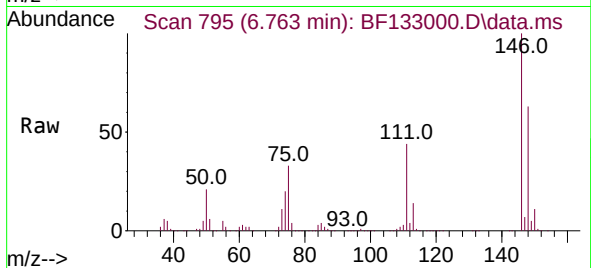




#13  
1,4-Dichlorobenzene  
Concen: 37.550 ng  
RT: 6.763 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

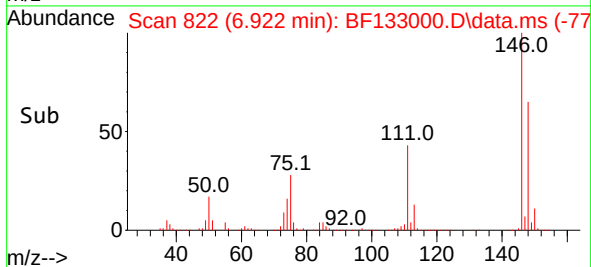
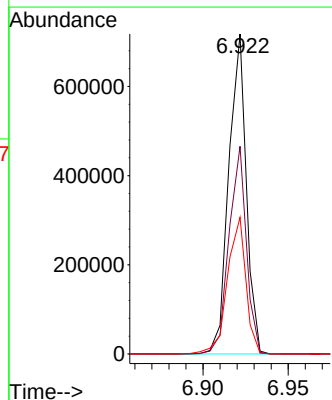
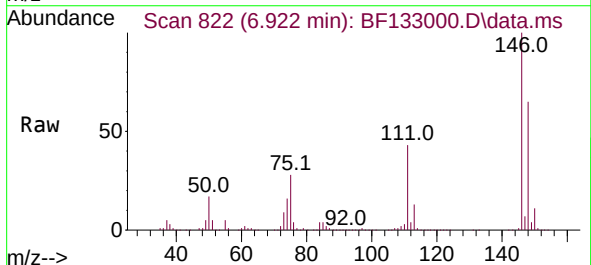
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

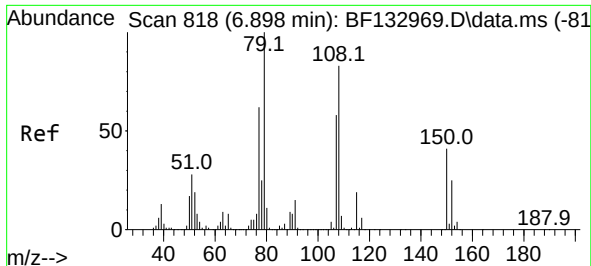
Tgt Ion:146 Resp: 552772  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.3 75.5  
111 43.8 33.8 50.6



#14  
1,2-Dichlorobenzene  
Concen: 37.697 ng  
RT: 6.922 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:146 Resp: 511626  
Ion Ratio Lower Upper  
146 100  
148 64.9 52.2 78.2  
111 42.7 32.8 49.2

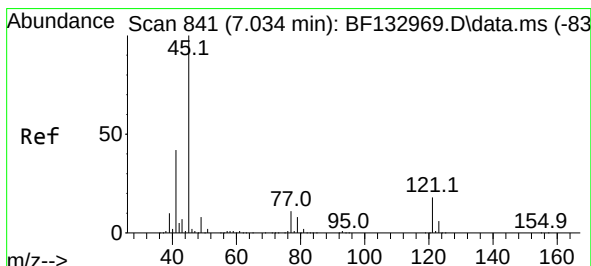
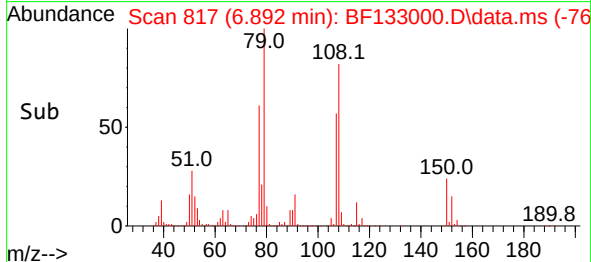
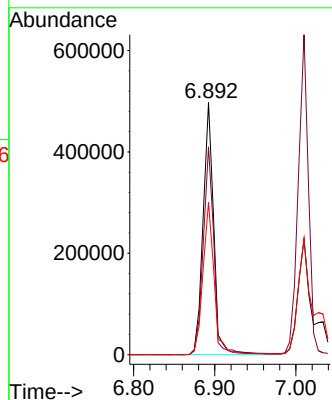
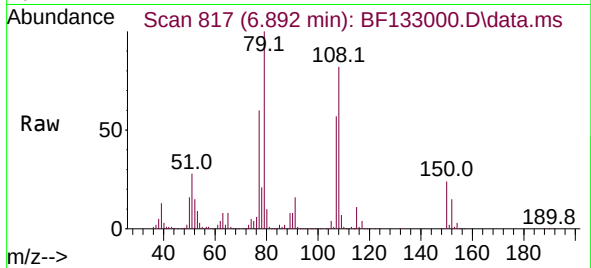




#15  
Benzyl Alcohol  
Concen: 38.771 ng  
RT: 6.892 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

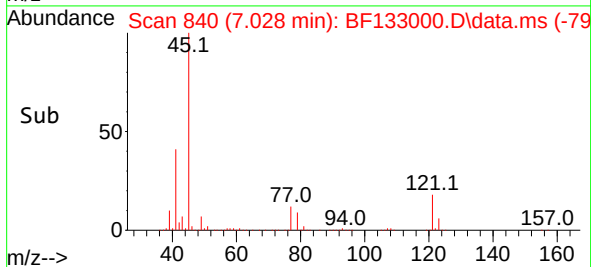
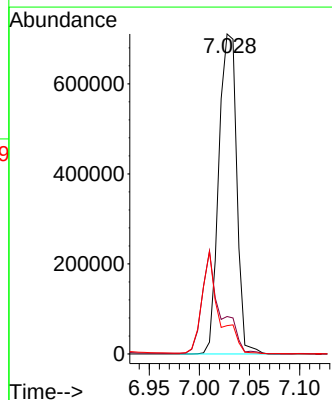
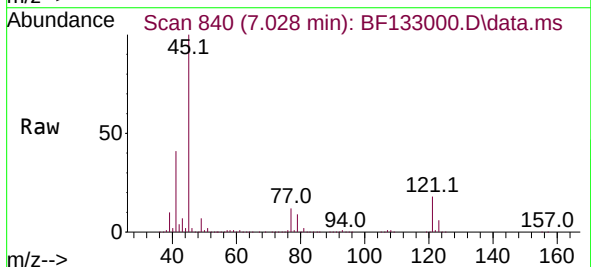
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

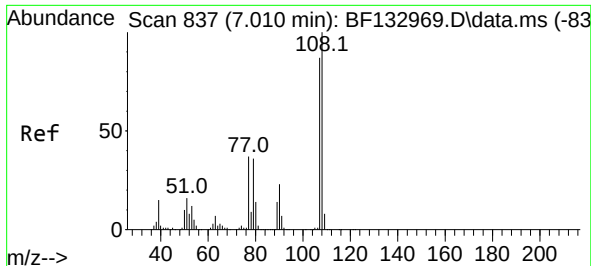
Tgt Ion: 79 Resp: 452318  
Ion Ratio Lower Upper  
79 100  
108 82.5 66.6 99.8  
77 60.5 49.2 73.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.287 ng  
RT: 7.028 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion: 45 Resp: 881198  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 31.5  
79 8.9 0.0 28.7

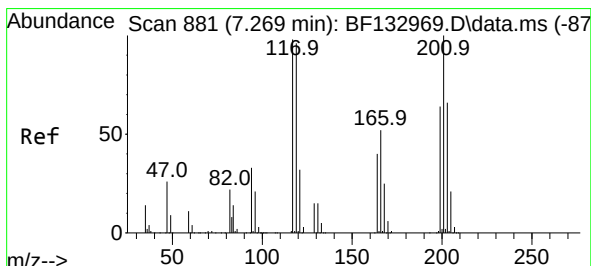
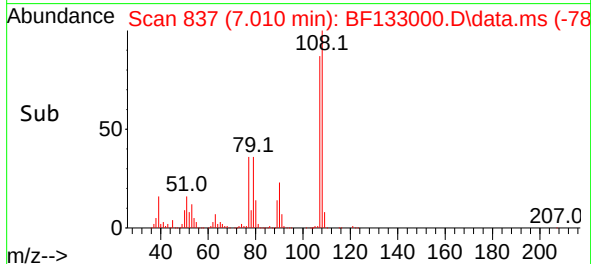
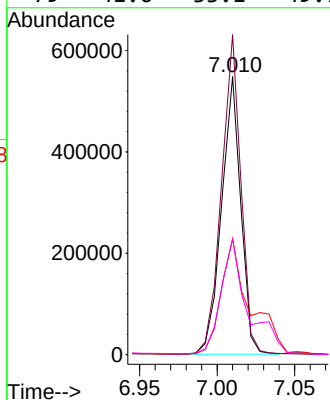
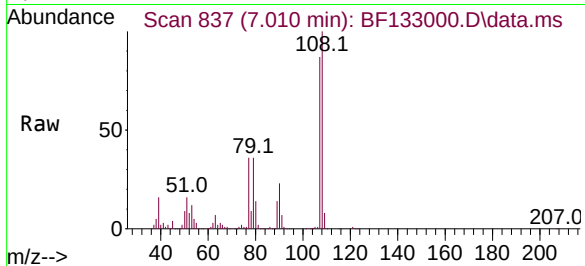




#17  
2-Methylphenol  
Concen: 37.392 ng  
RT: 7.010 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

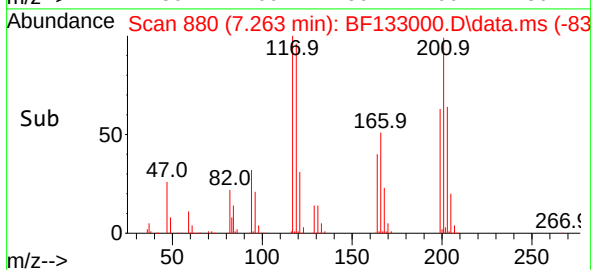
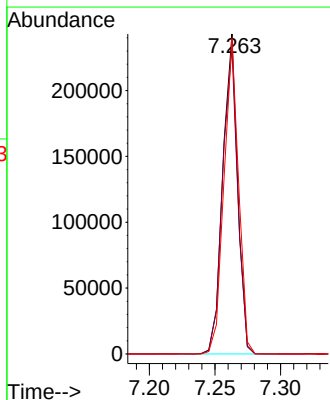
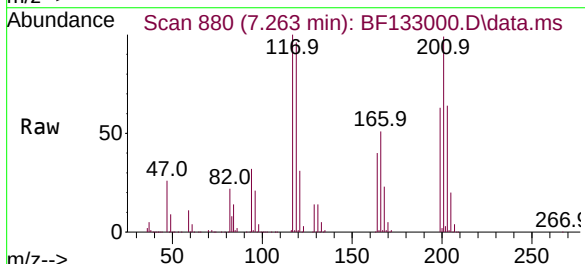
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

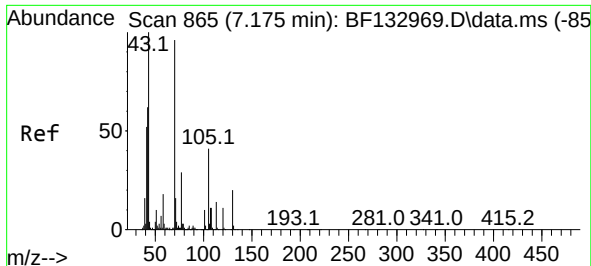
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 473035 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.1 | 92.4  | 138.6  |
| 77       | 41.7  | 33.8  | 50.8   |
| 79       | 41.6  | 33.1  | 49.7   |



#18  
Hexachloroethane  
Concen: 37.061 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 189680 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 78.2  | 117.4  |
| 201      | 98.6  | 81.7  | 122.5  |

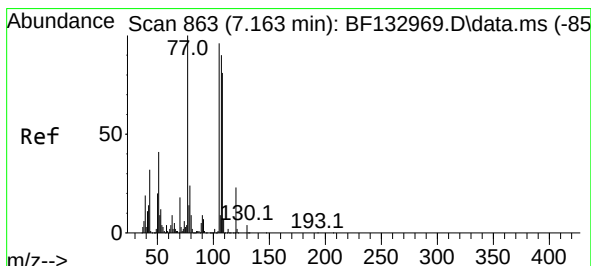
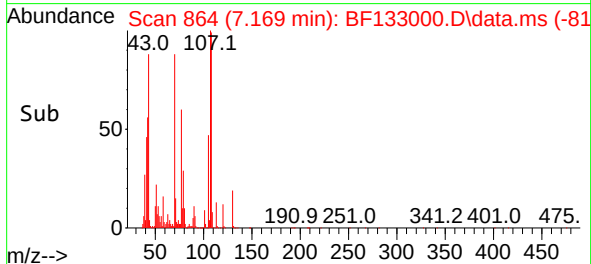
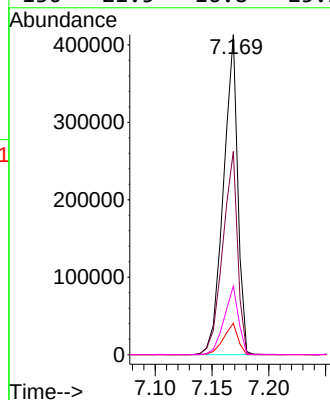
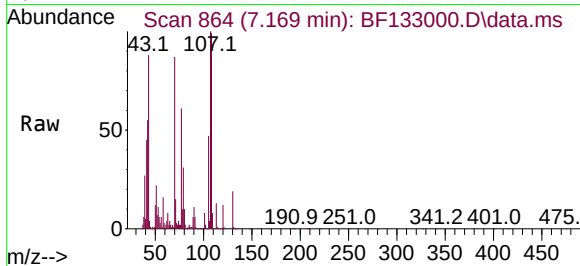




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.518 ng  
RT: 7.169 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

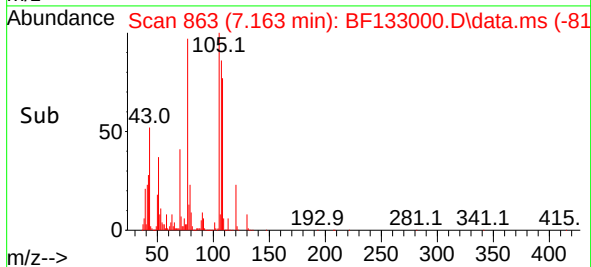
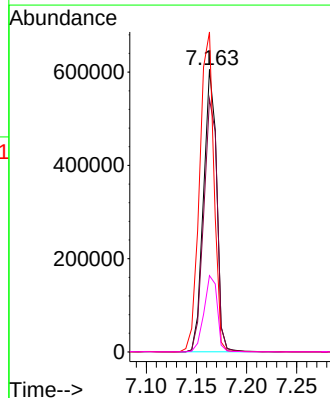
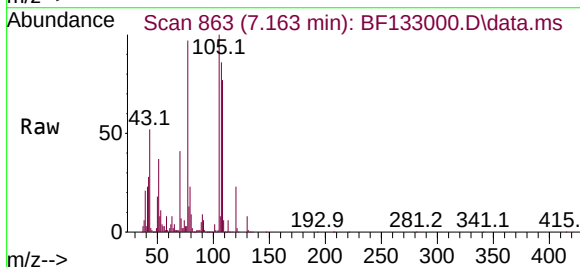
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

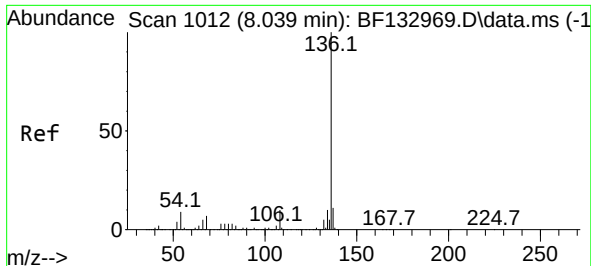
Tgt Ion: 70 Resp: 362933  
Ion Ratio Lower Upper  
70 100  
42 63.5 51.8 77.6  
101 9.8 8.0 12.0  
130 21.5 16.8 25.2



#20  
3+4-Methylphenols  
Concen: 37.161 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion: 107 Resp: 553629  
Ion Ratio Lower Upper  
107 100  
108 89.6 70.5 110.5  
77 113.3 91.7 131.7  
79 27.0 7.1 47.1

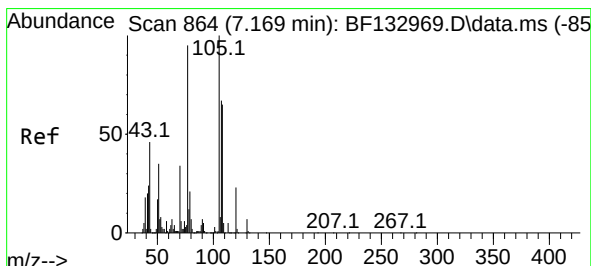
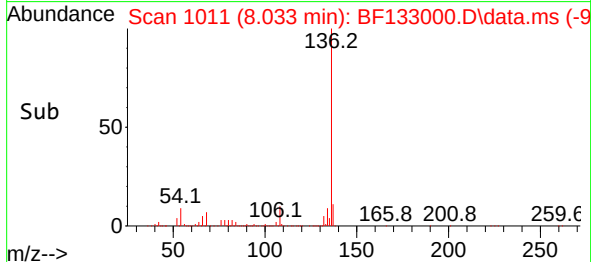
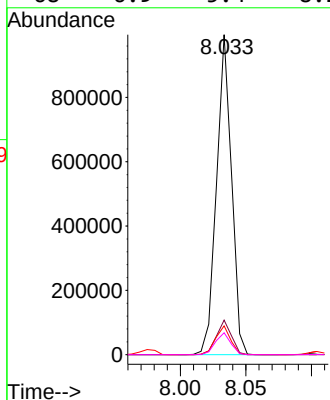
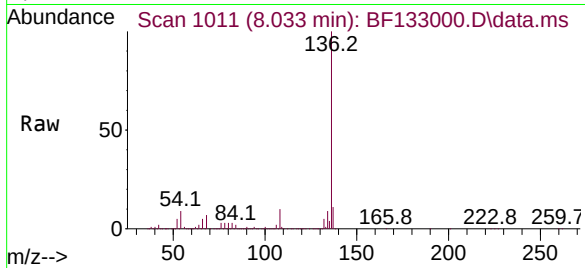




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.033 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

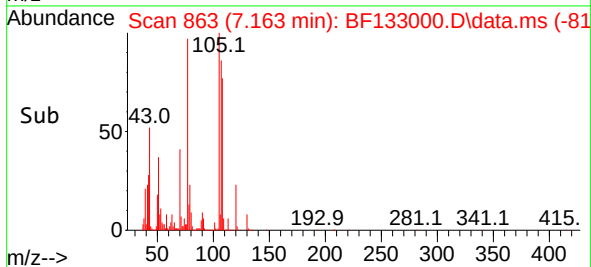
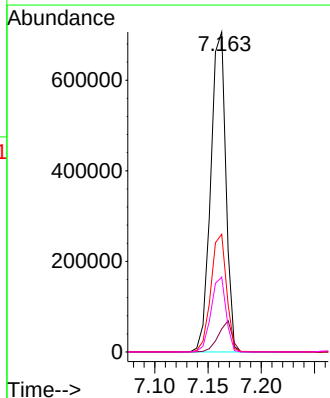
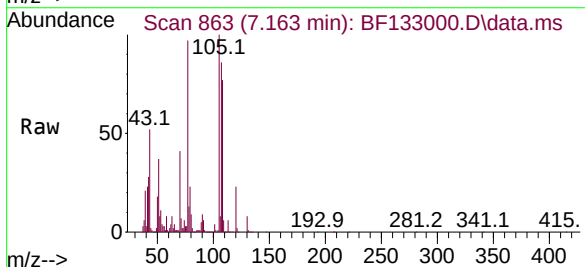
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

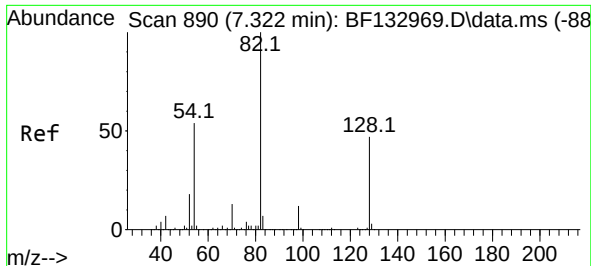
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 788335 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.6 13.0     |
| 54 9.0      | 7.0 10.4     |
| 68 6.9      | 5.4 8.2      |



#22  
Acetophenone  
Concen: 38.086 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 695512 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.2     | 4.6   | 7.0#   |
| 51  | 36.8    | 28.2  | 42.2   |
| 120 | 23.4    | 18.4  | 27.6   |





#23

Nitrobenzene-d5

Concen: 77.466 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

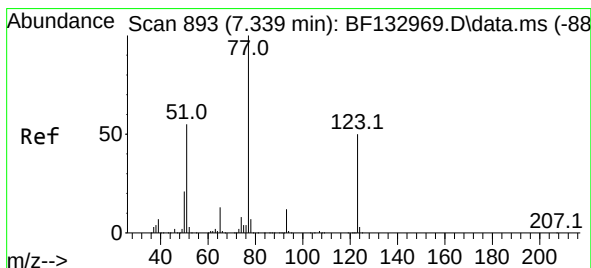
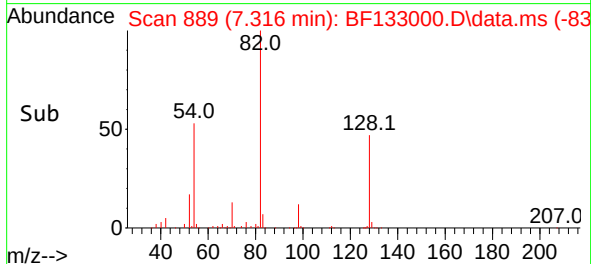
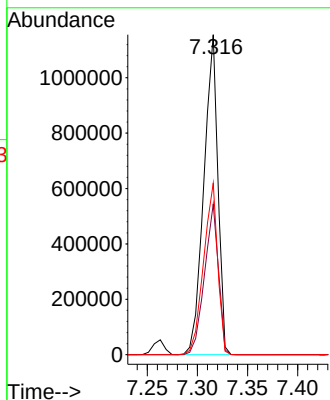
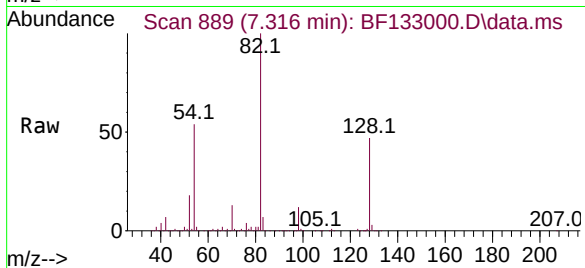
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1131396

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.1  | 37.7  | 56.5  |
| 54  | 53.6  | 43.0  | 64.4  |



#24

Nitrobenzene

Concen: 38.450 ng

RT: 7.333 min Scan# 892

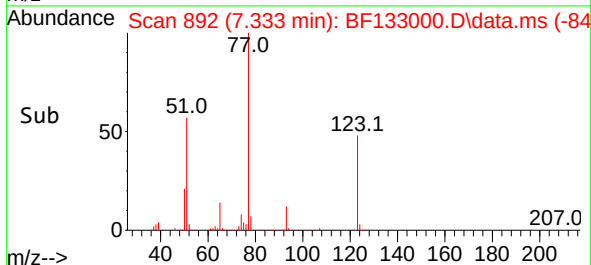
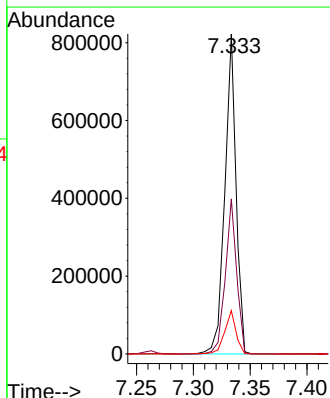
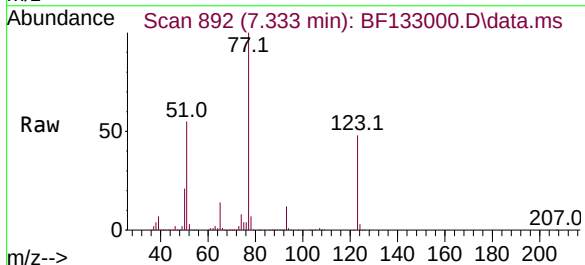
Delta R.T. -0.006 min

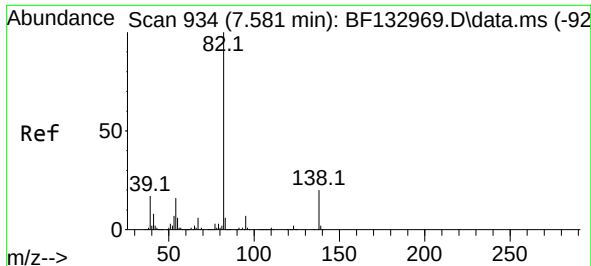
Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Tgt Ion: 77 Resp: 569053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.5  | 39.9  | 59.9  |
| 65  | 13.6  | 10.7  | 16.1  |

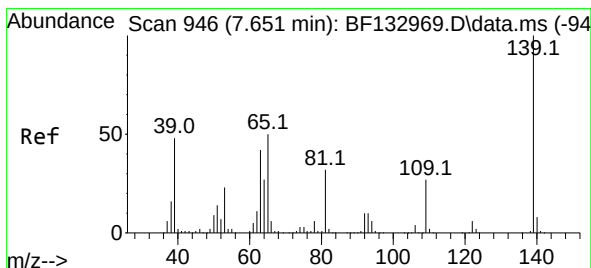
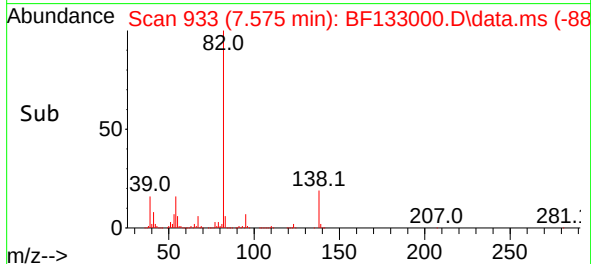
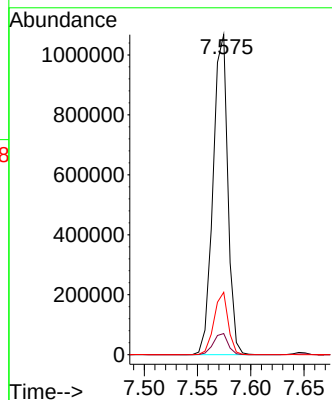
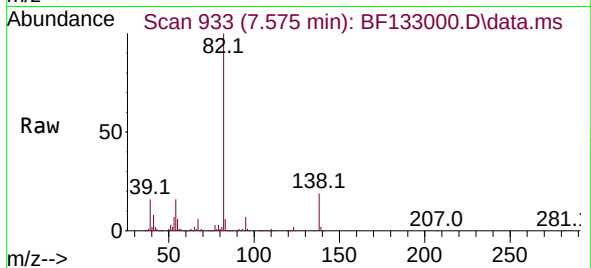




#25  
Isophorone  
Concen: 37.041 ng  
RT: 7.575 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

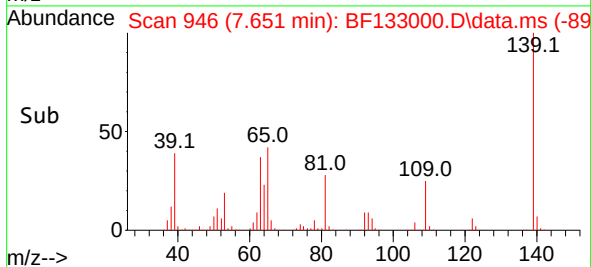
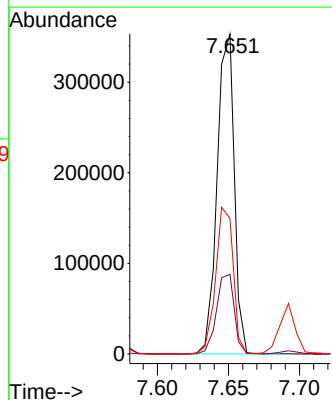
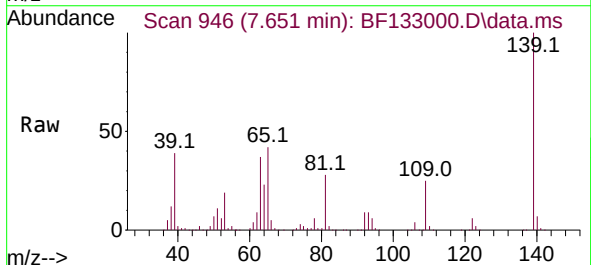
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1027146  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.4 8.0  
138 19.5 16.0 24.0

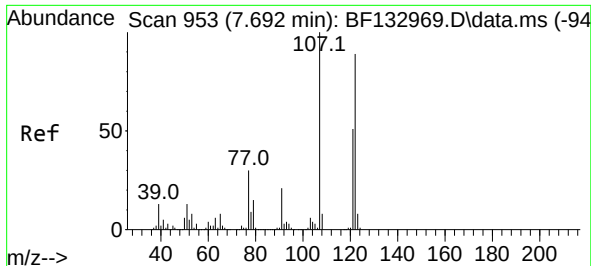


#26  
2-Nitrophenol  
Concen: 41.557 ng  
RT: 7.651 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:139 Resp: 296649  
Ion Ratio Lower Upper  
139 100  
109 24.9 21.6 32.4  
65 42.3 39.8 59.6







#27

2,4-Dimethylphenol

Concen: 38.569 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133000.D

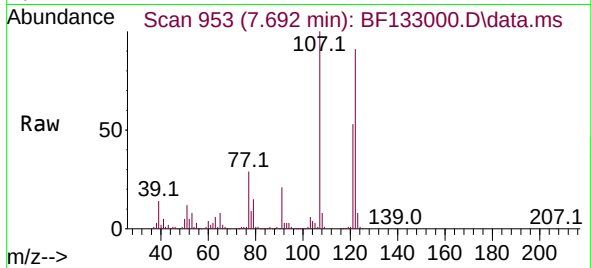
Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



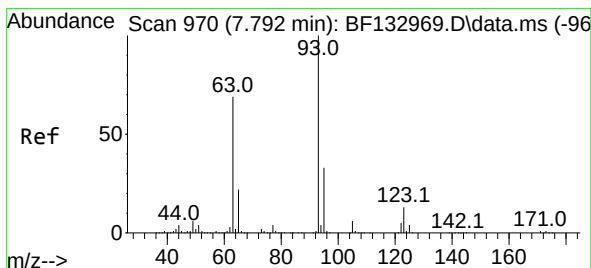
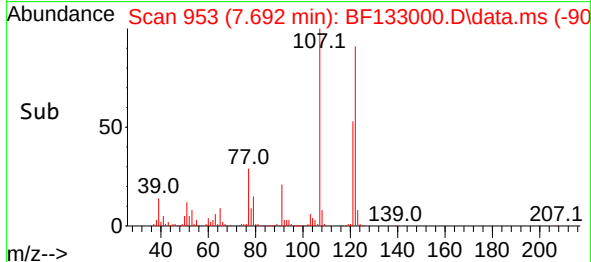
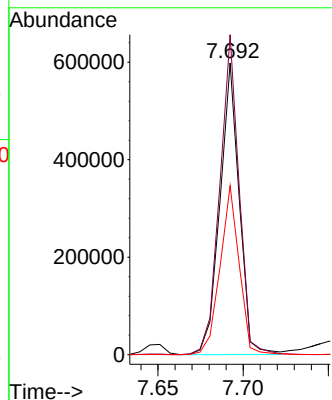
Tgt Ion:122 Resp: 472089

Ion Ratio Lower Upper

122 100

107 109.7 89.7 134.5

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.248 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

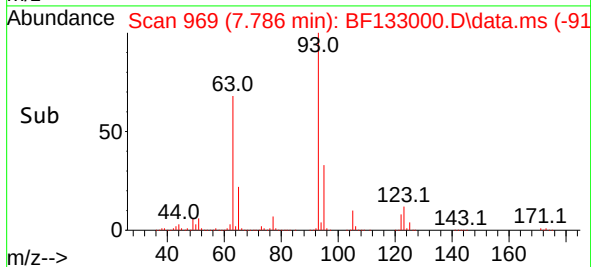
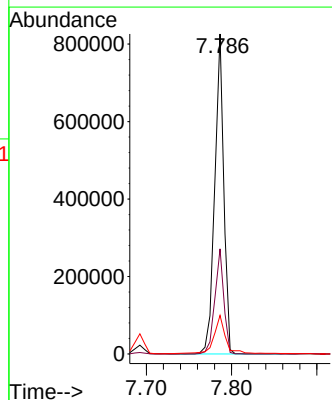
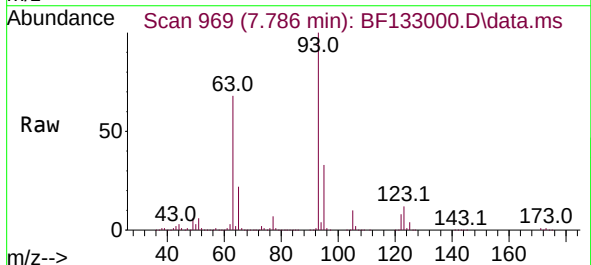
Tgt Ion: 93 Resp: 611049

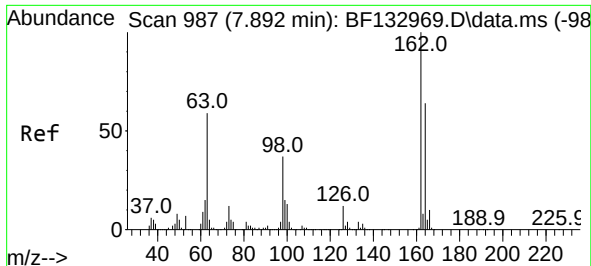
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.1 10.3 15.5

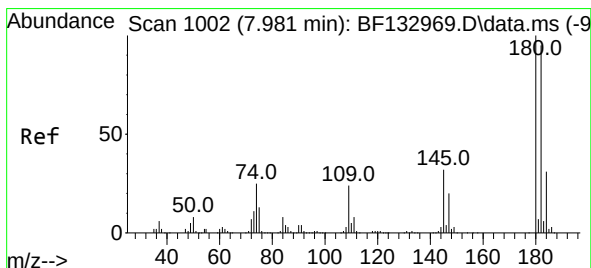
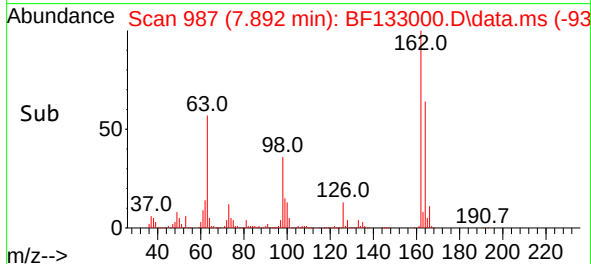
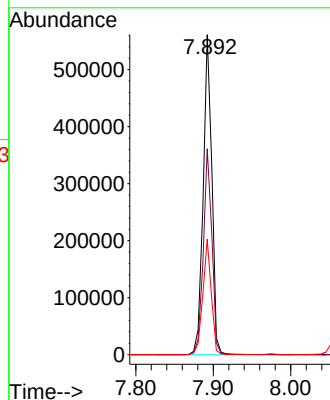
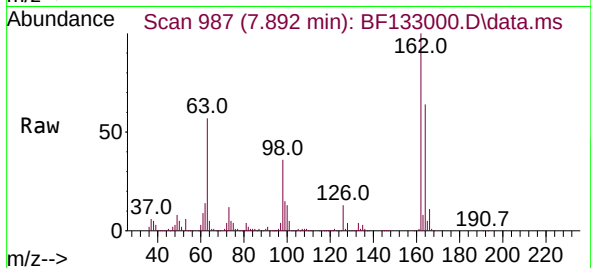




#29  
2,4-Dichlorophenol  
Concen: 38.961 ng  
RT: 7.892 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

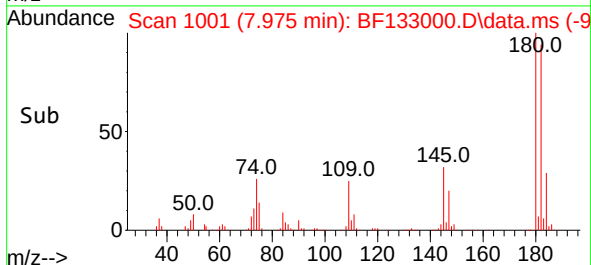
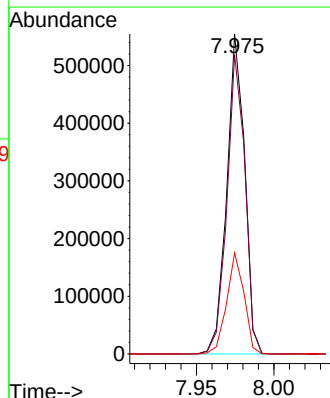
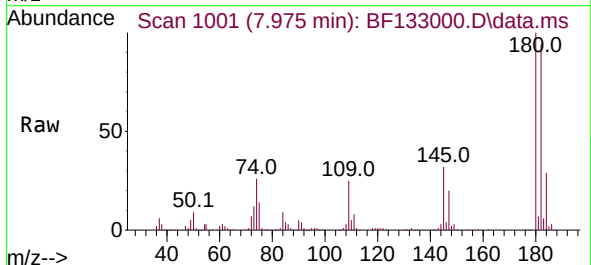
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

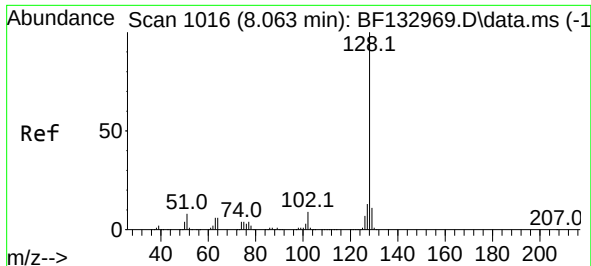
Tgt Ion:162 Resp: 434137  
Ion Ratio Lower Upper  
162 100  
164 64.3 43.9 83.9  
98 36.1 17.0 57.0



#30  
1,2,4-Trichlorobenzene  
Concen: 38.560 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:180 Resp: 445130  
Ion Ratio Lower Upper  
180 100  
182 93.6 75.9 113.9  
145 31.6 25.3 37.9

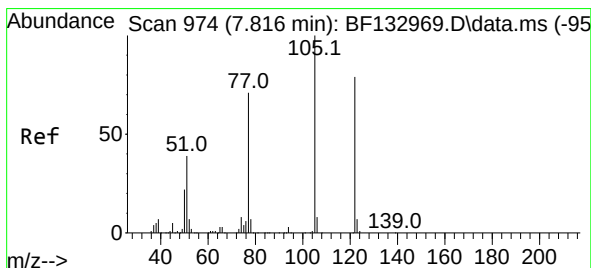
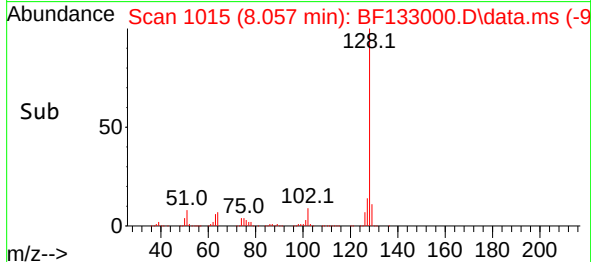
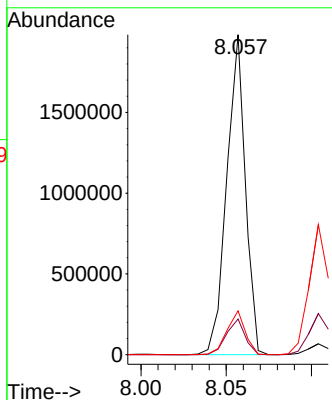
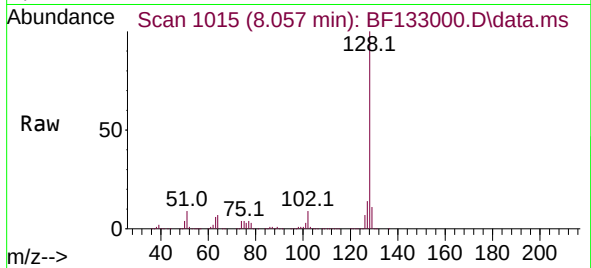




#31  
Naphthalene  
Concen: 38.292 ng  
RT: 8.057 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

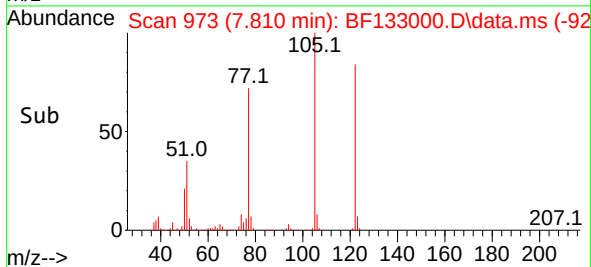
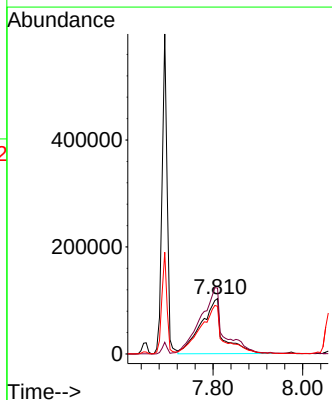
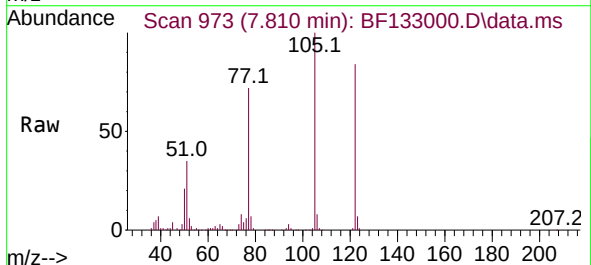
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

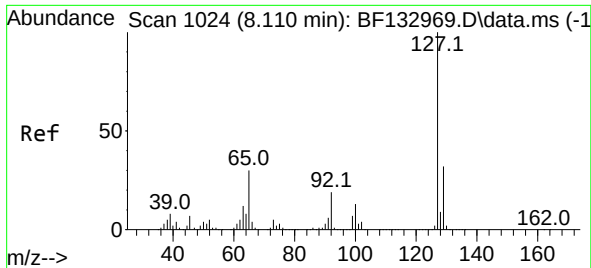
Tgt Ion:128 Resp: 1509246  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.7 10.7 16.1



#32  
Benzoic acid  
Concen: 47.187 ng  
RT: 7.810 min Scan# 973  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:122 Resp: 356764  
Ion Ratio Lower Upper  
122 100  
105 119.3 104.2 144.2  
77 86.3 69.7 109.7

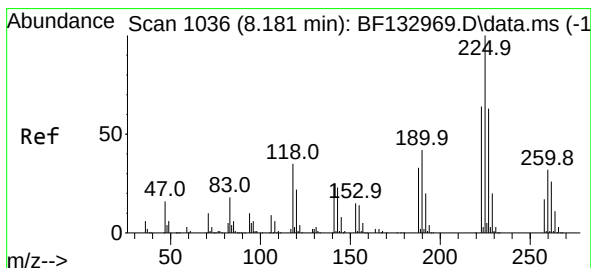
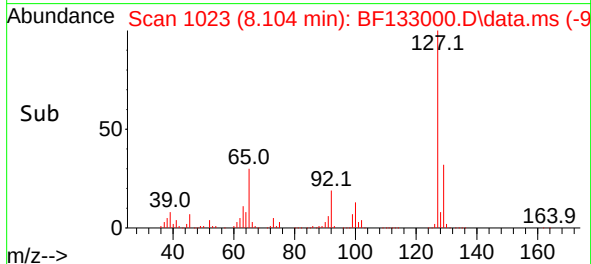
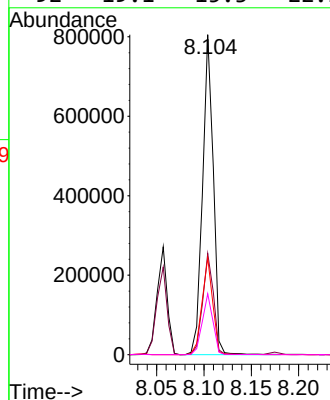
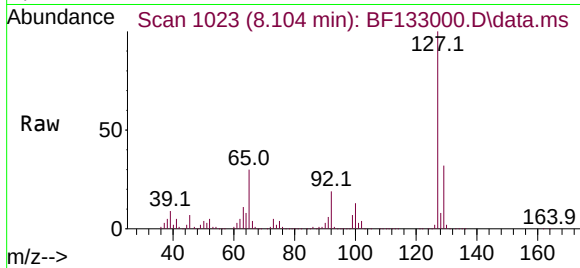




#33  
4-Chloroaniline  
Concen: 40.019 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

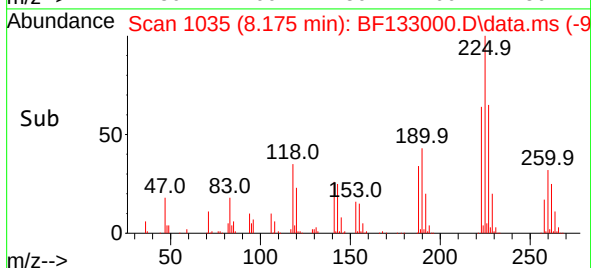
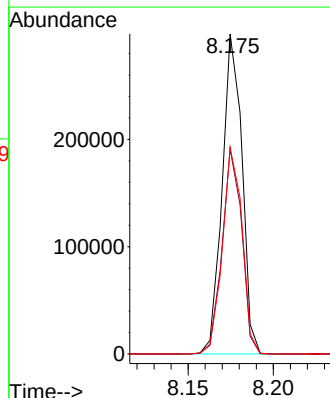
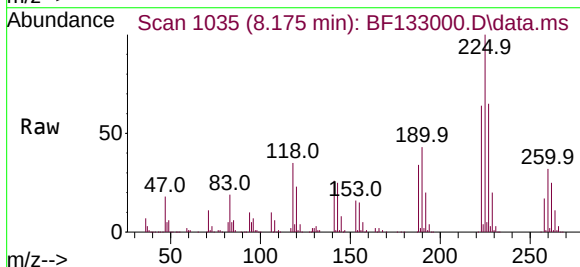
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

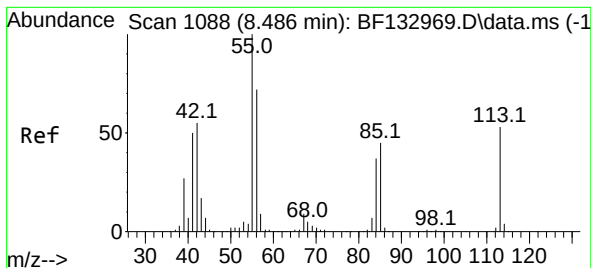
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 637306 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.7    | 25.8 38.8    |
| 65 30.3     | 23.6 35.4    |
| 92 19.1     | 15.3 22.9    |



#34  
Hexachlorobutadiene  
Concen: 37.629 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 240754 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 64.0    | 50.9  | 76.3   |
| 227 | 64.5    | 50.3  | 75.5   |





#35

Caprolactam

Concen: 40.339 ng

RT: 8.475 min Scan# 1086

Delta R.T. -0.012 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

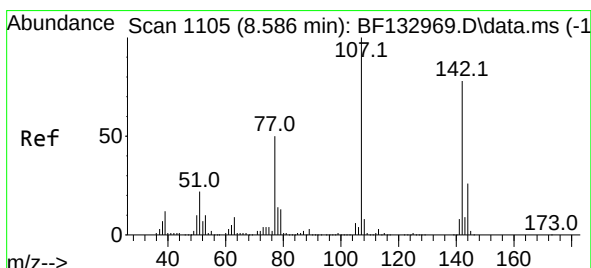
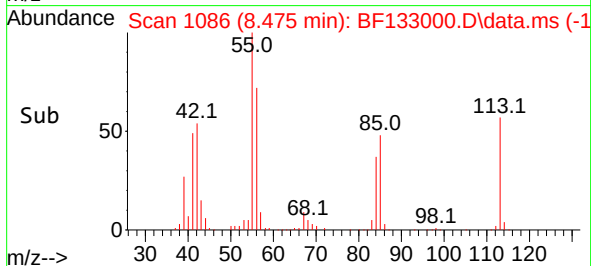
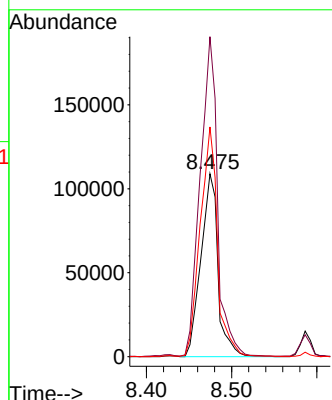
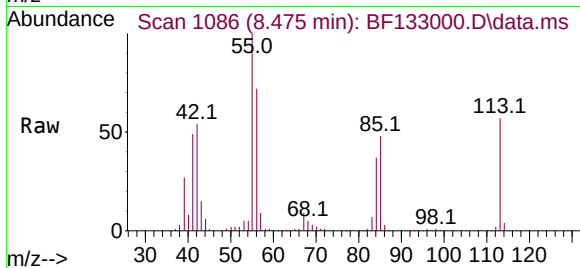
Tgt Ion:113 Resp: 151001

Ion Ratio Lower Upper

113 100

55 175.0 167.1 207.1

56 125.7 114.5 154.5



#36

4-Chloro-3-methylphenol

Concen: 37.498 ng

RT: 8.586 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

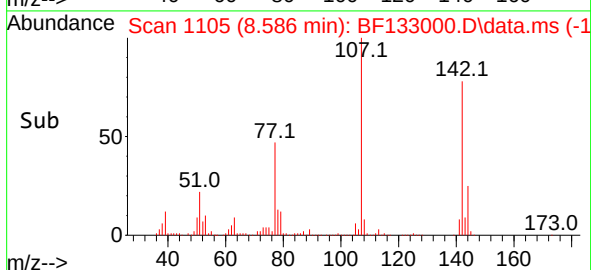
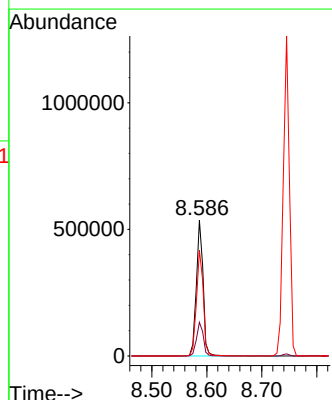
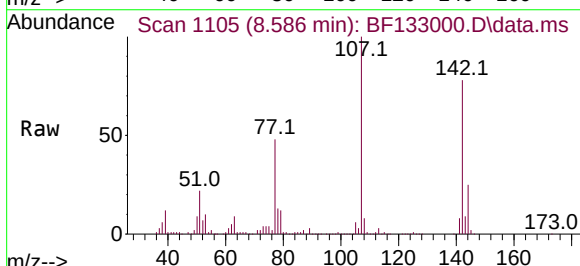
Tgt Ion:107 Resp: 450582

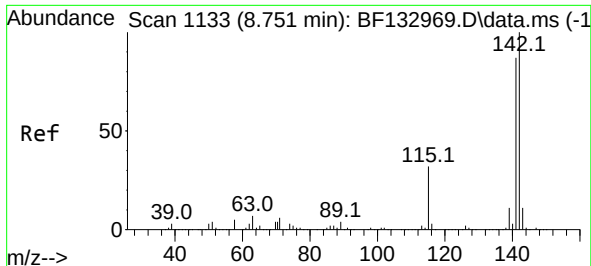
Ion Ratio Lower Upper

107 100

144 24.8 20.6 30.8

142 77.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 36.639 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

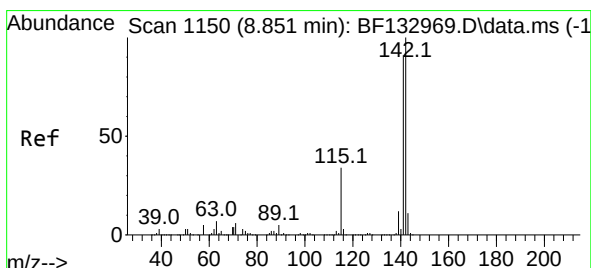
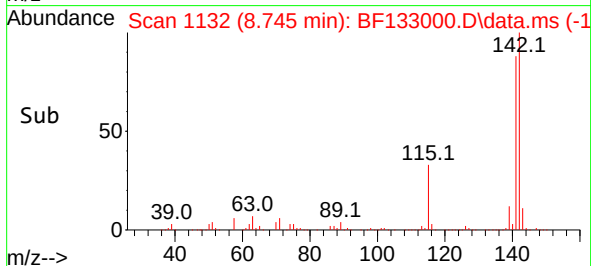
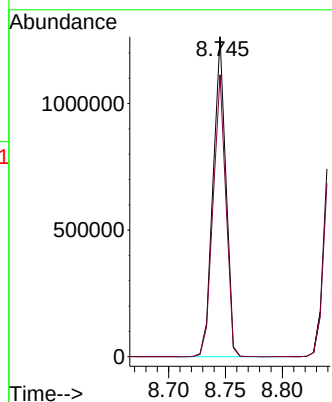
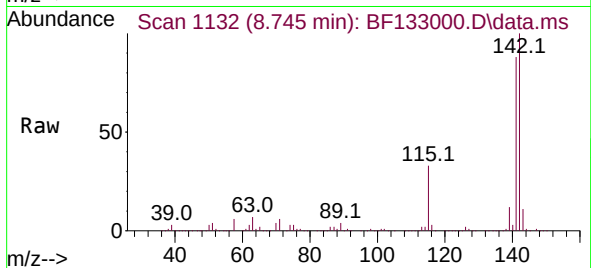
SSTDCCC040

Tgt Ion:142 Resp: 987302

Ion Ratio Lower Upper

142 100

141 88.1 69.4 104.0



#38

1-Methylnaphthalene

Concen: 36.646 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF133000.D

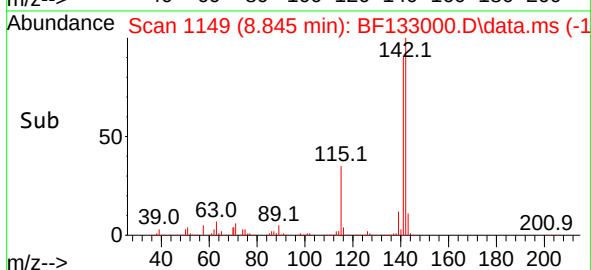
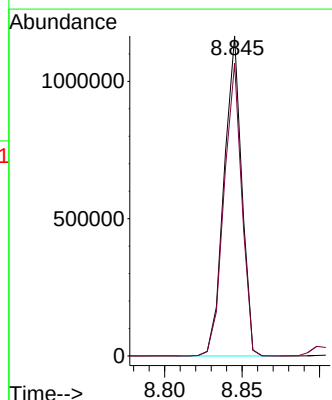
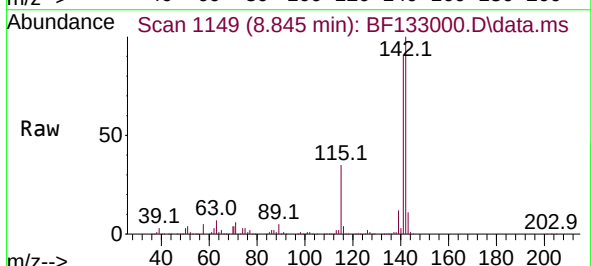
Acq: 24 Apr 2023 17:47

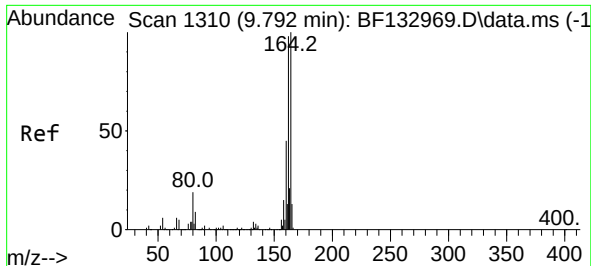
Tgt Ion:142 Resp: 923771

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

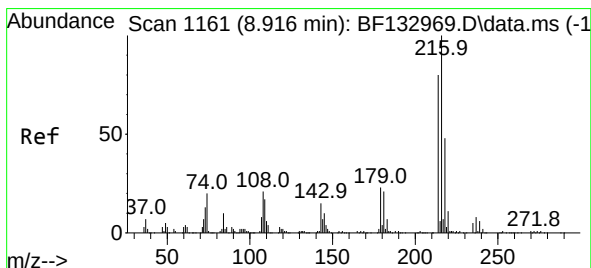
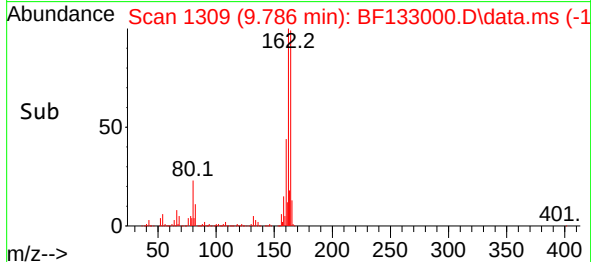
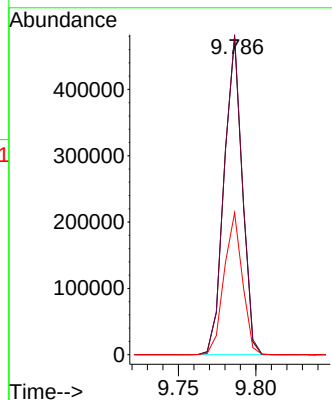
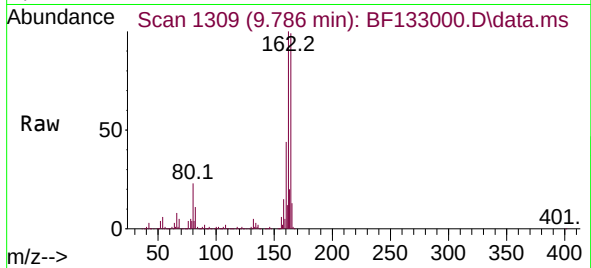




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.786 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

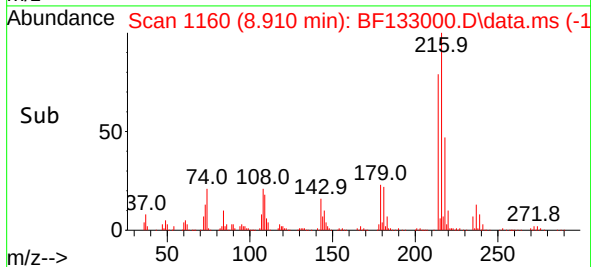
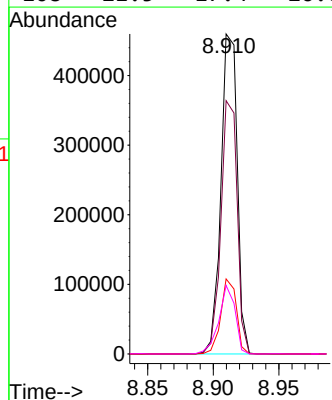
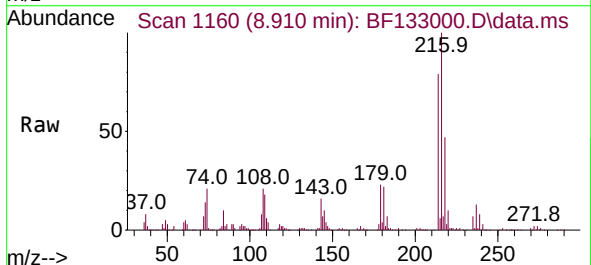
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

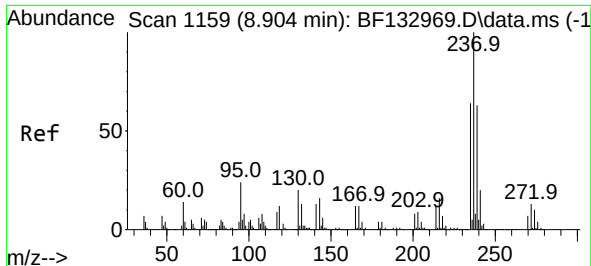
Tgt Ion:164 Resp: 387317  
Ion Ratio Lower Upper  
164 100  
162 100.7 78.7 118.1  
160 44.7 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.091 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:216 Resp: 396674  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.5 95.3  
179 22.4 17.4 26.2  
108 21.5 17.4 26.0

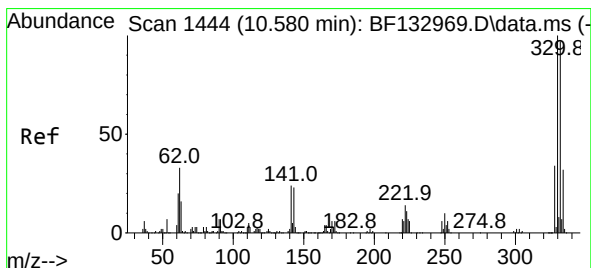
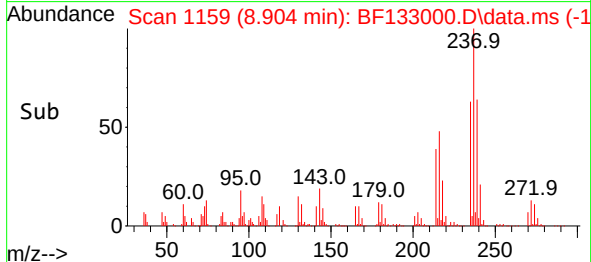
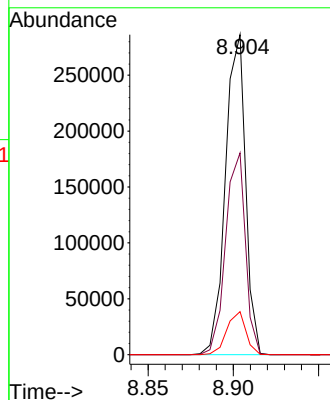
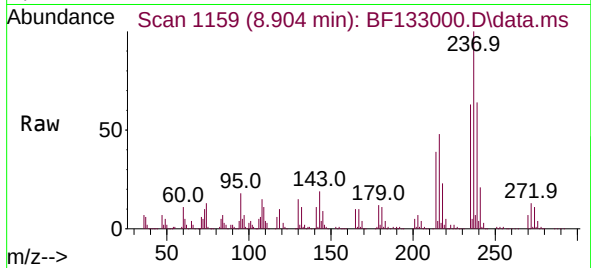




#41  
Hexachlorocyclopentadiene  
Concen: 38.698 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

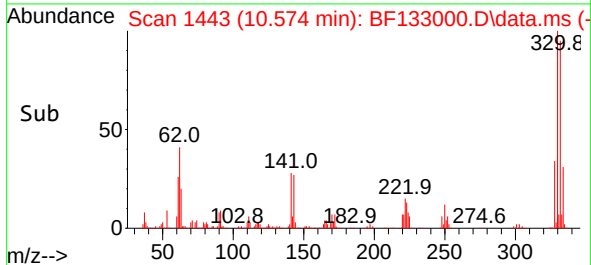
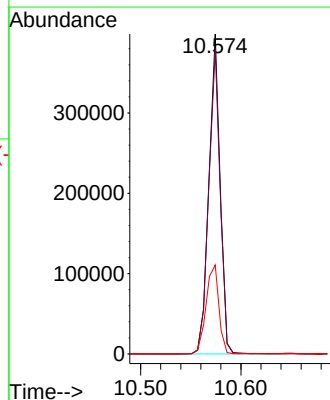
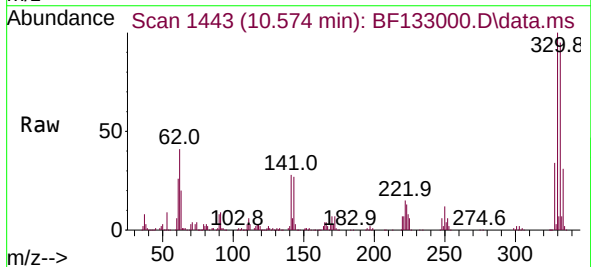
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 235031  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.5 83.5  
272 13.5 0.0 32.7

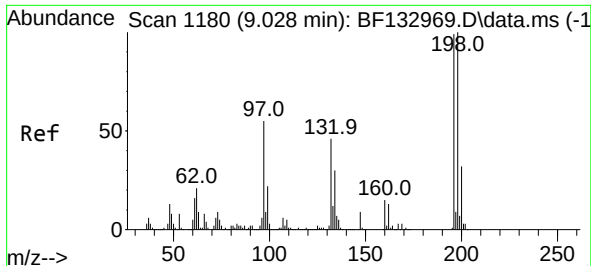


#42  
2,4,6-Tribromophenol  
Concen: 80.303 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:330 Resp: 312798  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.1 115.7  
141 31.7 25.8 38.8



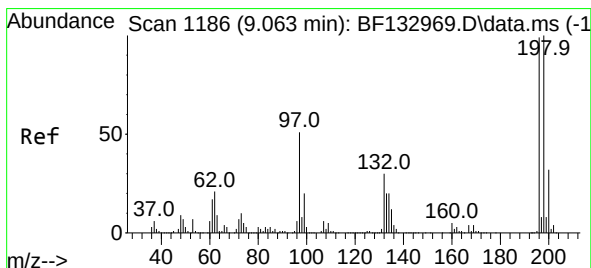
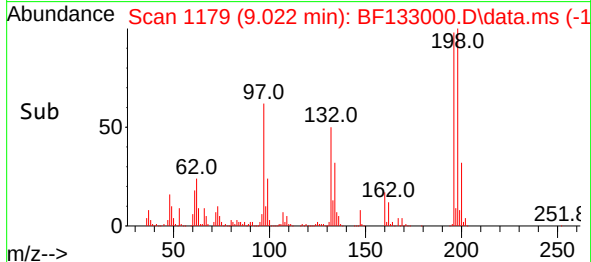
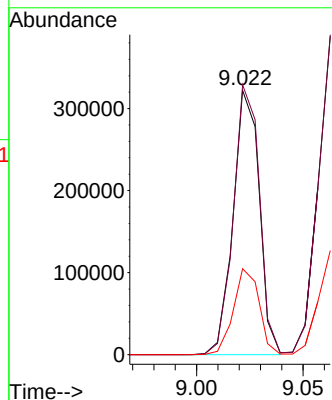
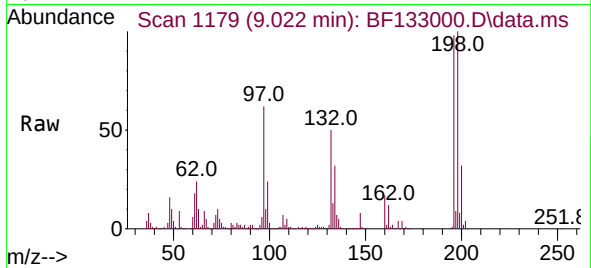




#43  
2,4,6-Trichlorophenol  
Concen: 38.215 ng  
RT: 9.022 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

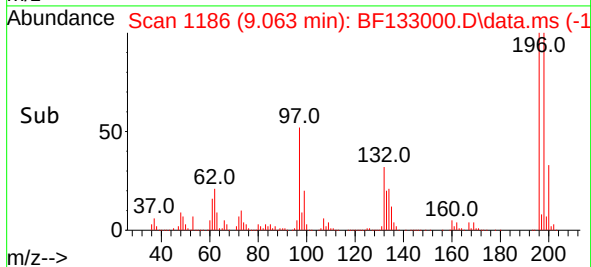
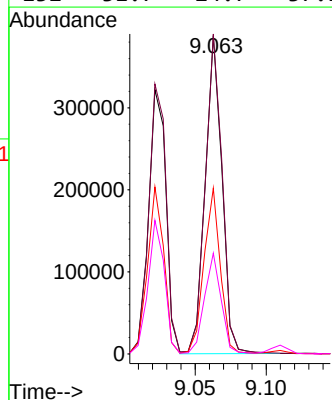
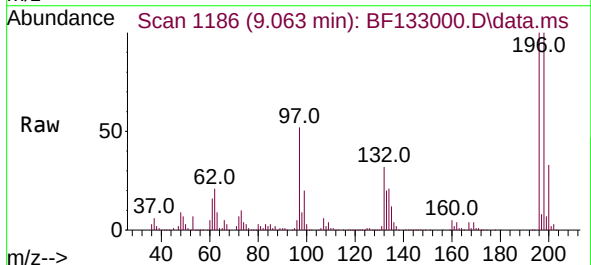
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

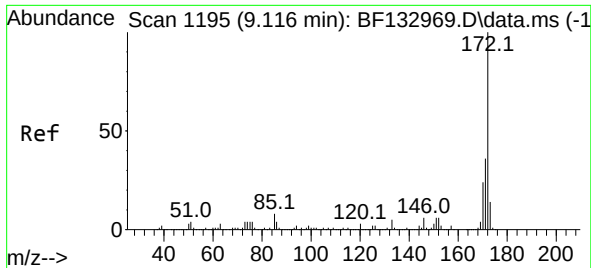
Tgt Ion:196 Resp: 275218  
Ion Ratio Lower Upper  
196 100  
198 102.1 81.0 121.6  
200 32.5 26.1 39.1



#44  
2,4,5-Trichlorophenol  
Concen: 38.403 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:196 Resp: 319868  
Ion Ratio Lower Upper  
196 100  
198 100.5 80.9 121.3  
97 52.1 41.3 61.9  
132 31.7 24.7 37.1

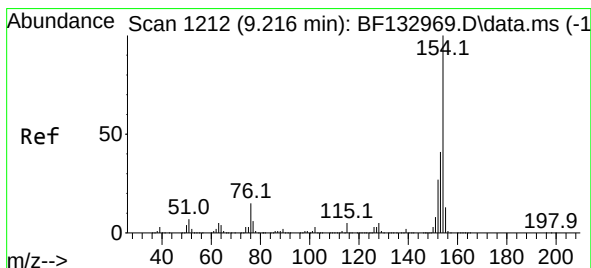
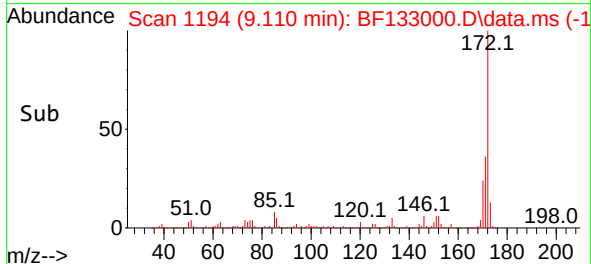
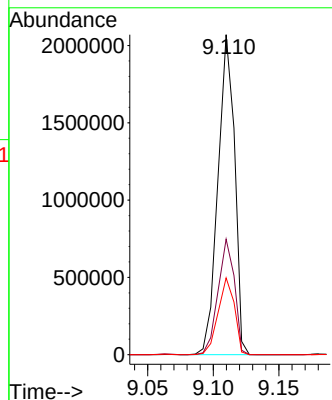
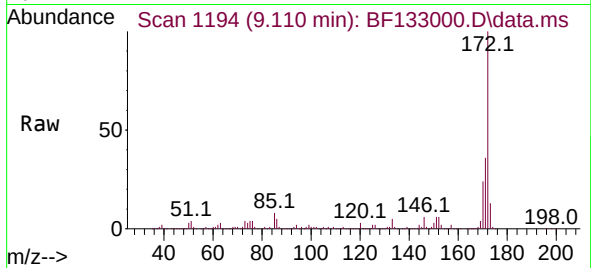




#45  
2-Fluorobiphenyl  
Concen: 78.743 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

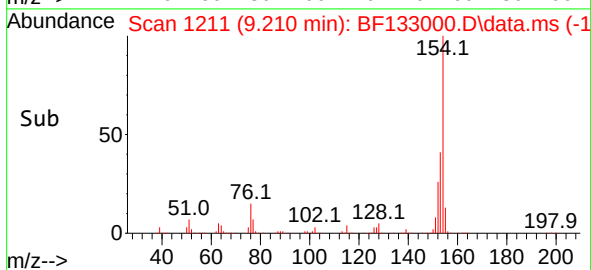
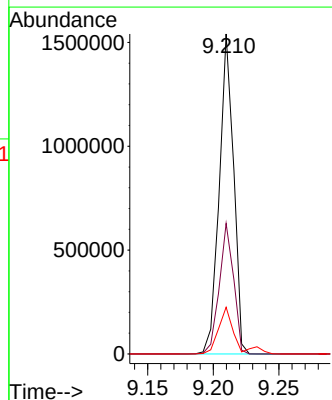
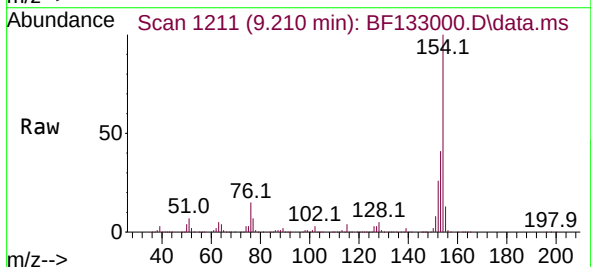
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

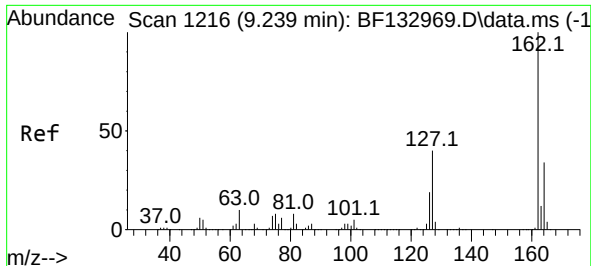
Tgt Ion:172 Resp: 1822993  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.8 43.2  
170 24.0 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 38.015 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:154 Resp: 1167540  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.0 61.0  
76 14.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.229 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

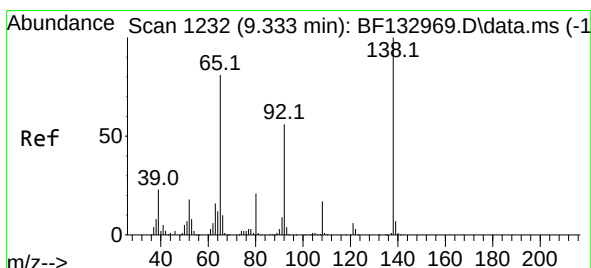
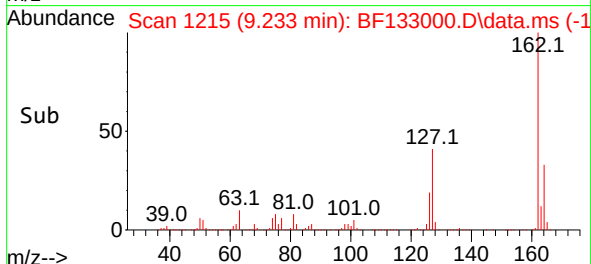
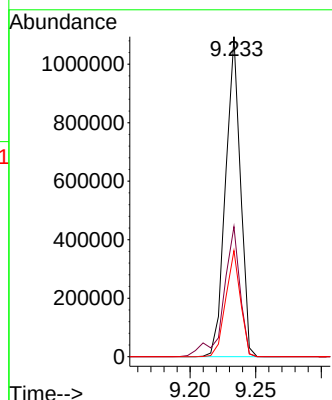
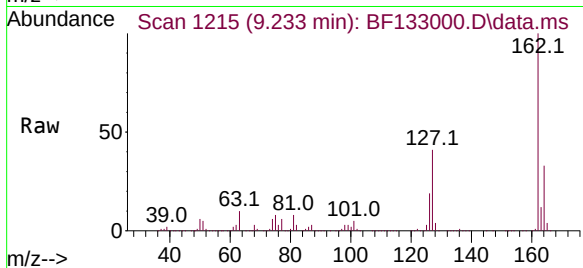
Tgt Ion:162 Resp: 859381

Ion Ratio Lower Upper

162 100

127 40.7 32.3 48.5

164 33.1 26.8 40.2



#48

2-Nitroaniline

Concen: 38.939 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

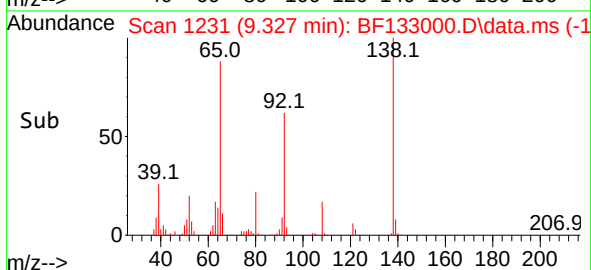
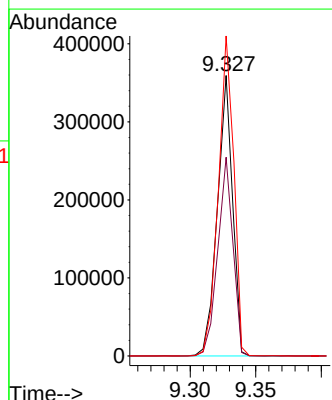
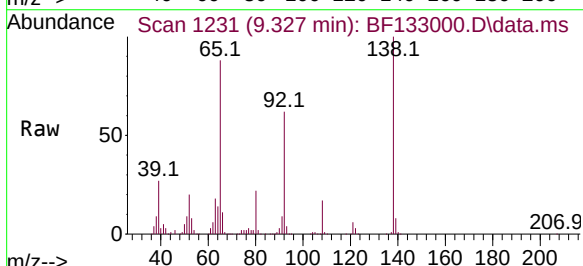
Tgt Ion: 65 Resp: 289292

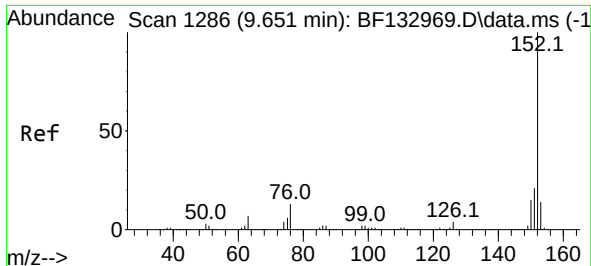
Ion Ratio Lower Upper

65 100

92 70.9 55.4 83.0

138 114.1 98.2 147.2





#49

Acenaphthylene

Concen: 38.641 ng

RT: 9.645 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

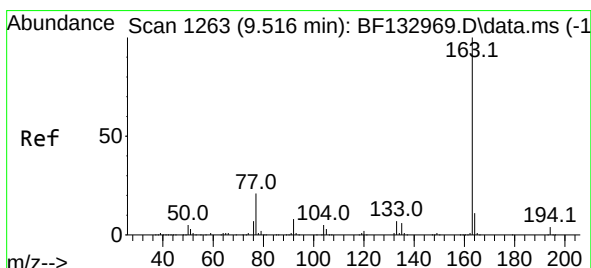
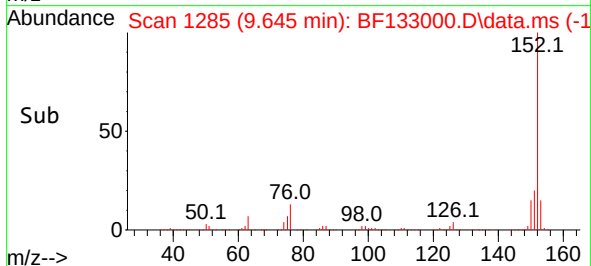
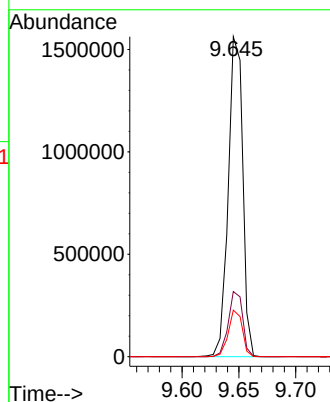
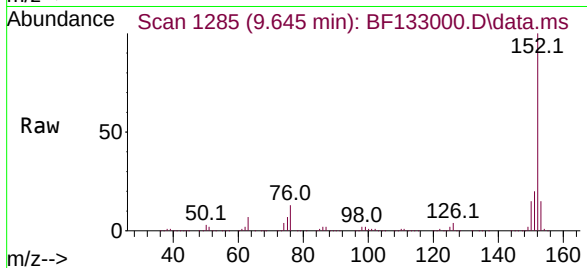
Tgt Ion:152 Resp: 1387957

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.5 11.5 17.3



#50

Dimethylphthalate

Concen: 37.963 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

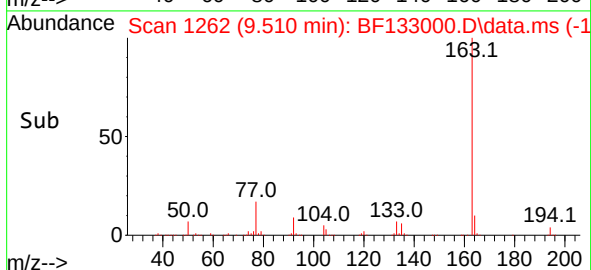
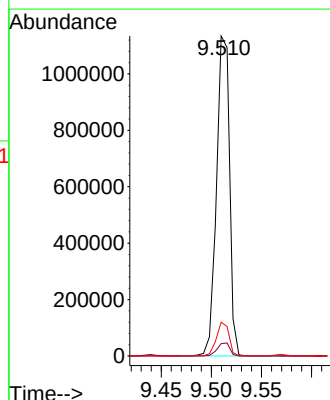
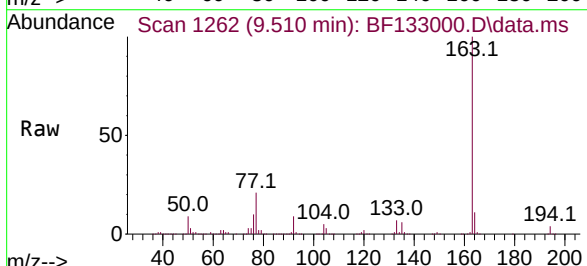
Tgt Ion:163 Resp: 1025275

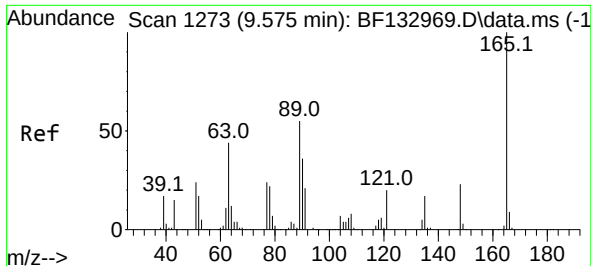
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.5 12.7

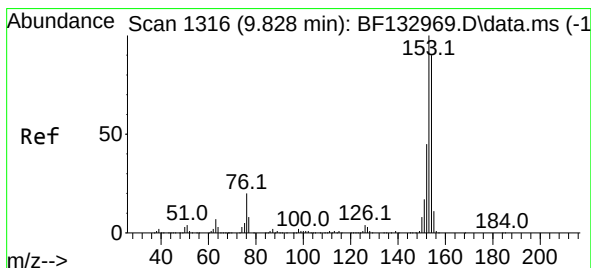
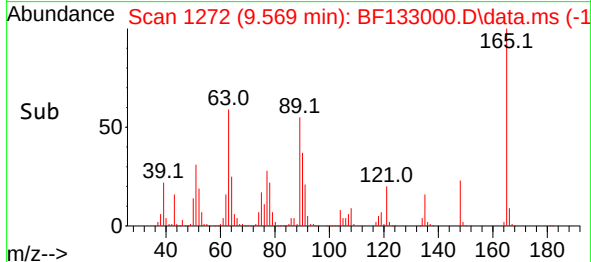
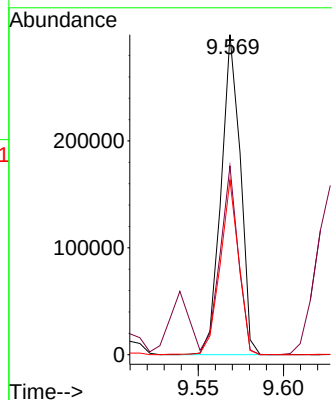
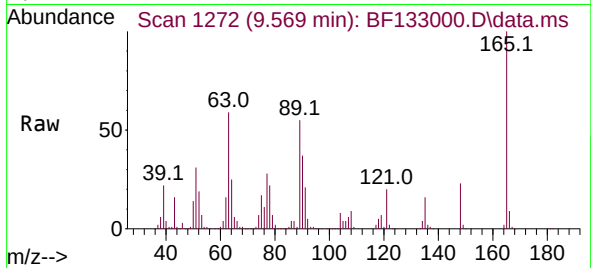




#51  
2,6-Dinitrotoluene  
Concen: 38.609 ng  
RT: 9.569 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

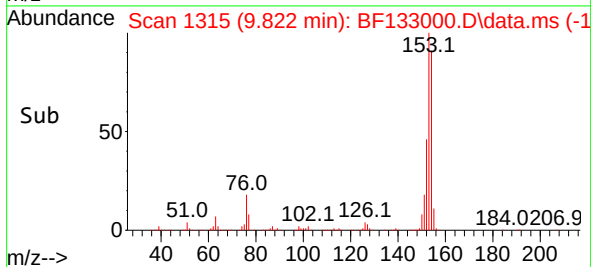
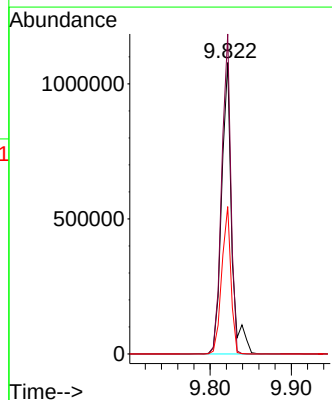
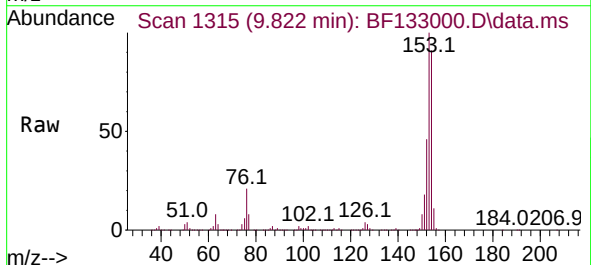
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

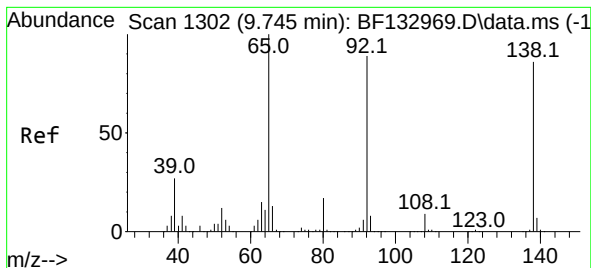
Tgt Ion:165 Resp: 234684  
Ion Ratio Lower Upper  
165 100  
63 58.9 45.9 68.9  
89 54.6 44.0 66.0



#52  
Acenaphthene  
Concen: 38.547 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:154 Resp: 927308  
Ion Ratio Lower Upper  
154 100  
153 109.8 89.0 133.6  
152 50.6 40.4 60.6





#53

3-Nitroaniline

Concen: 40.083 ng

RT: 9.739 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

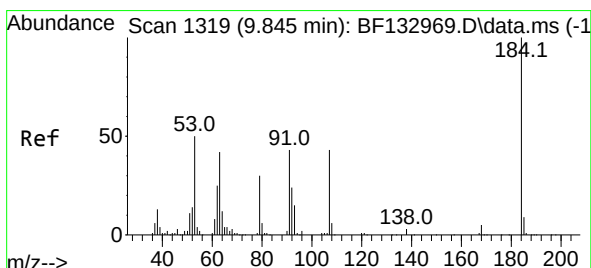
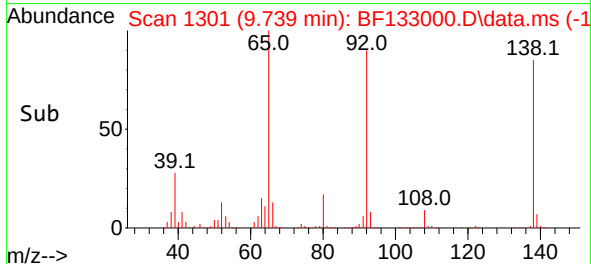
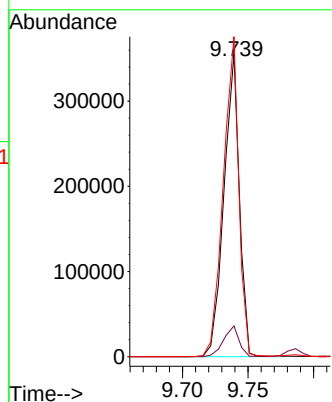
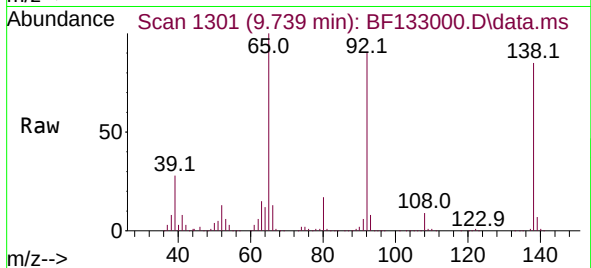
Tgt Ion:138 Resp: 289703

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

92 105.7 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 44.001 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

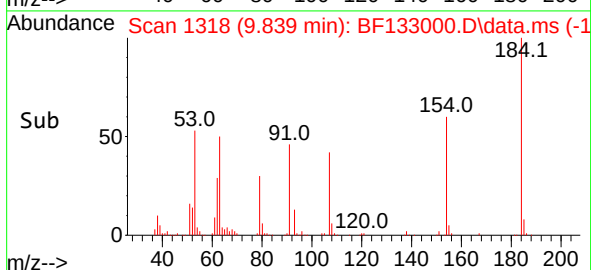
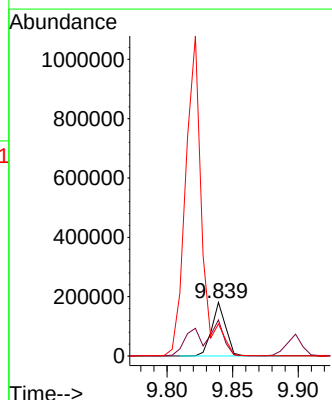
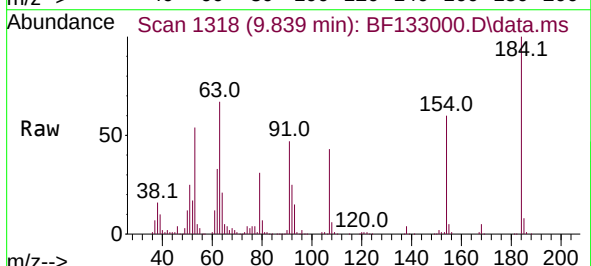
Tgt Ion:184 Resp: 134438

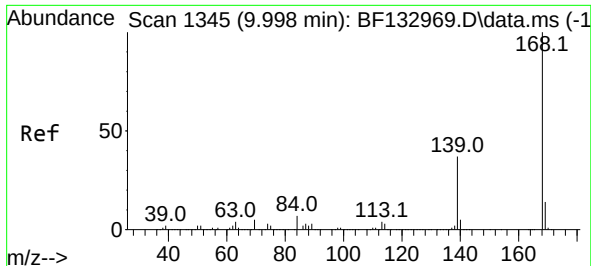
Ion Ratio Lower Upper

184 100

63 67.3 49.8 74.8

154 59.8 49.5 74.3





#55

Dibenzofuran

Concen: 38.271 ng

RT: 9.992 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

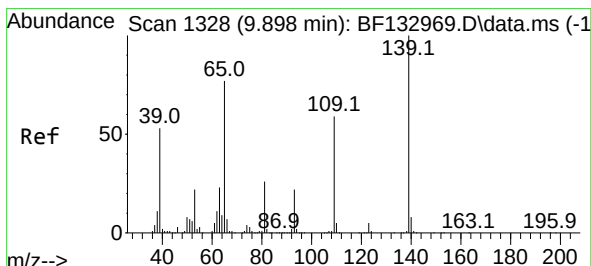
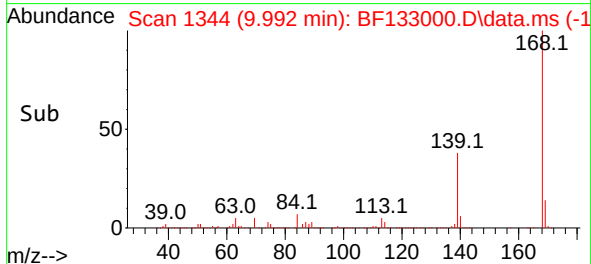
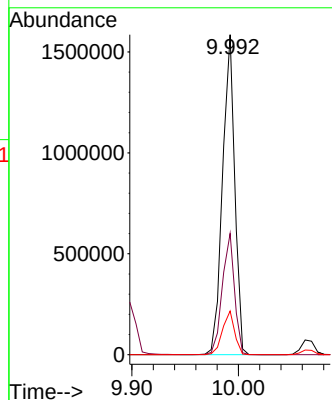
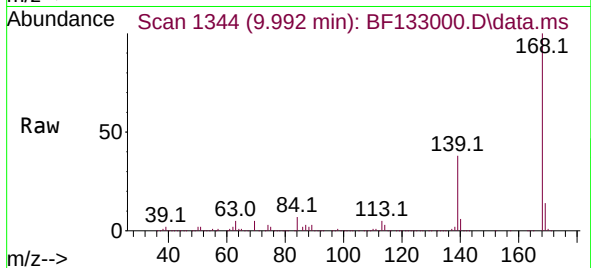
Tgt Ion:168 Resp: 1255888

Ion Ratio Lower Upper

168 100

139 37.9 29.8 44.8

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 39.781 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

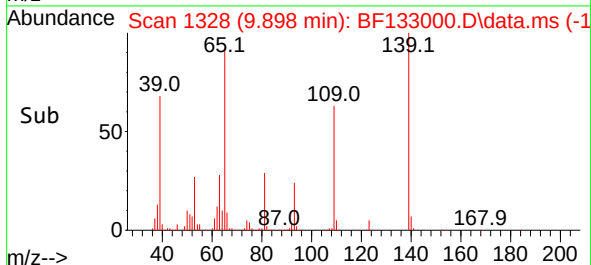
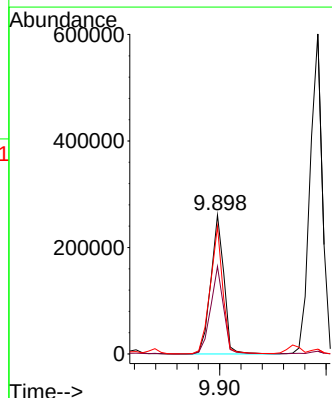
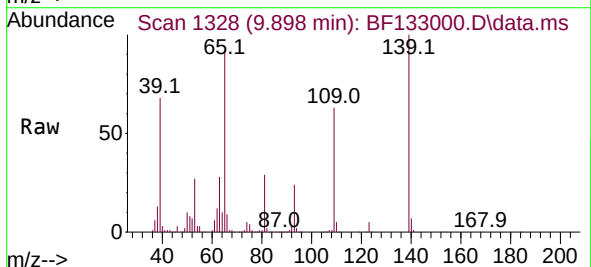
Tgt Ion:139 Resp: 222686

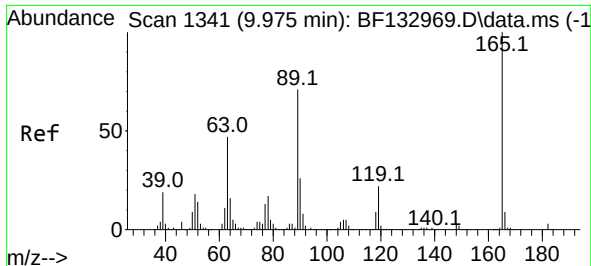
Ion Ratio Lower Upper

139 100

109 63.1 39.4 79.4

65 91.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 40.619 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 314869

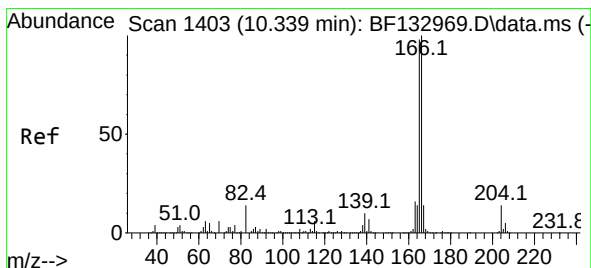
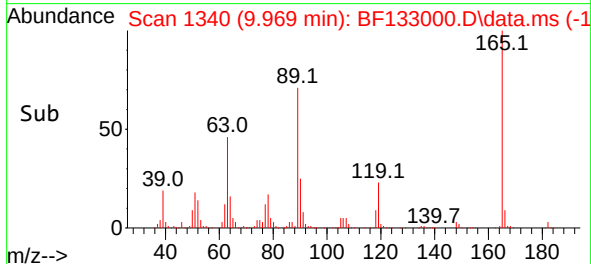
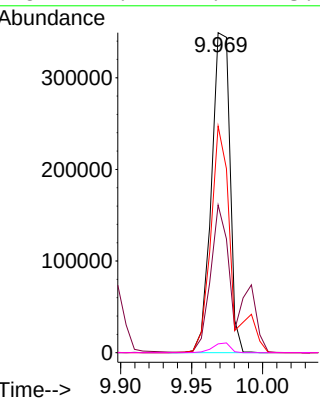
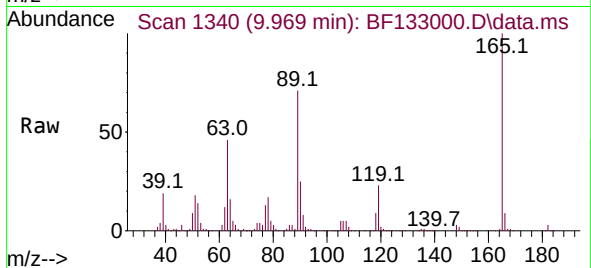
Ion Ratio Lower Upper

165 100

63 46.1 37.7 56.5

89 70.8 57.0 85.4

182 2.7 2.1 3.1



#58

Fluorene

Concen: 37.829 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

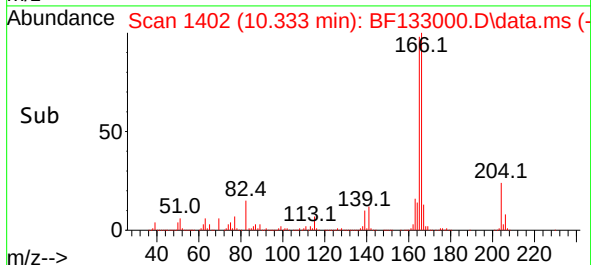
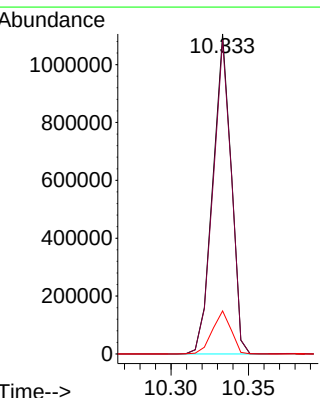
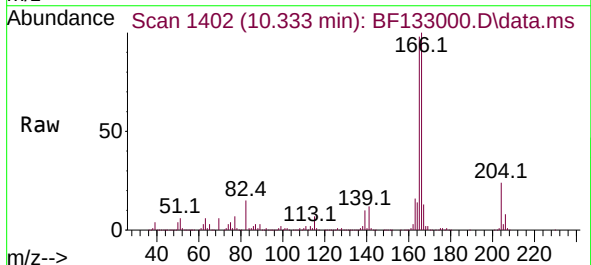
Tgt Ion:166 Resp: 909483

Ion Ratio Lower Upper

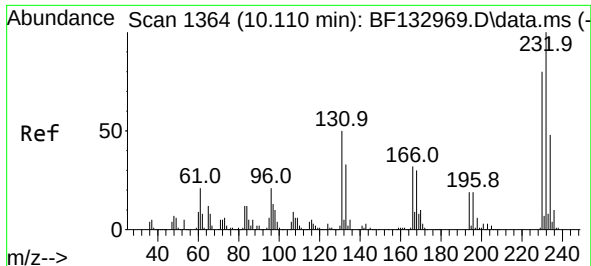
166 100

165 98.1 78.6 117.8

167 13.5 11.0 16.4



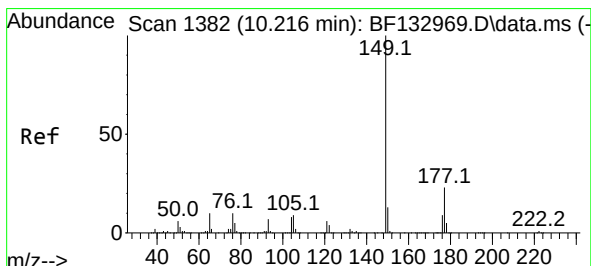
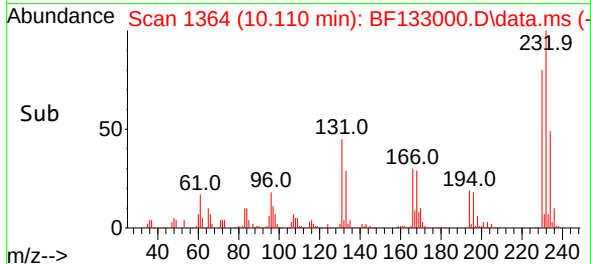
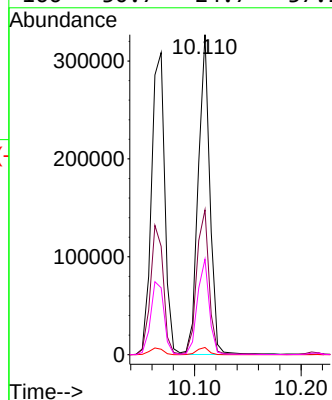
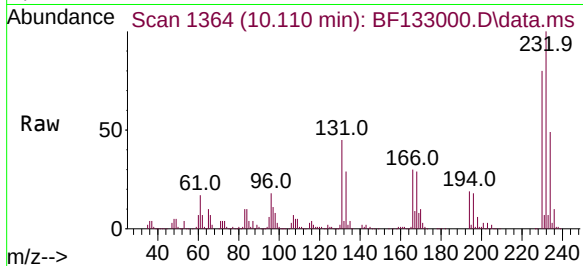




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.337 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

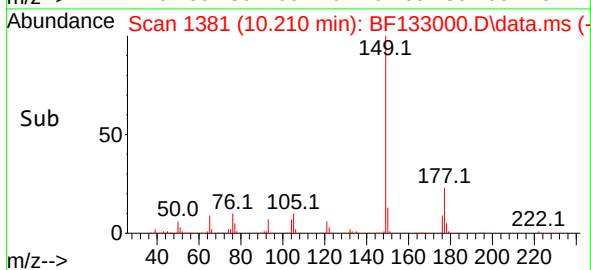
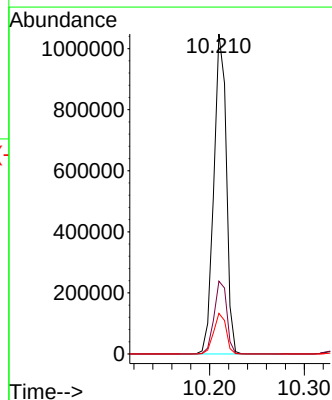
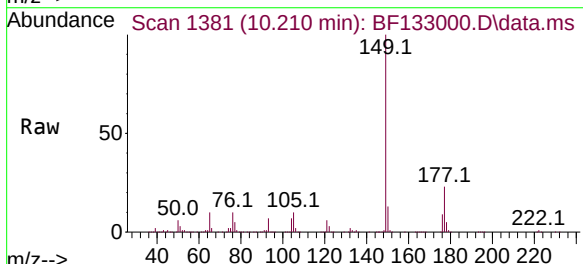
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

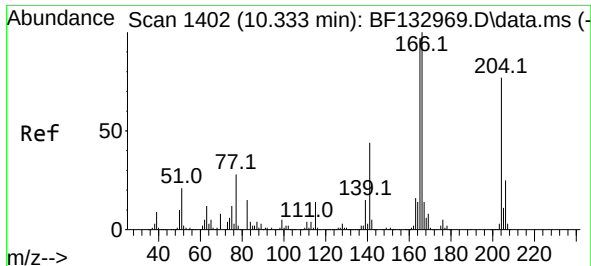
Tgt Ion:232 Resp: 247553  
Ion Ratio Lower Upper  
232 100  
131 48.6 38.0 57.0  
130 2.3 1.8 2.8  
166 30.7 24.7 37.1



#60  
Diethylphthalate  
Concen: 37.716 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:149 Resp: 962121  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.4  
150 12.7 10.2 15.4

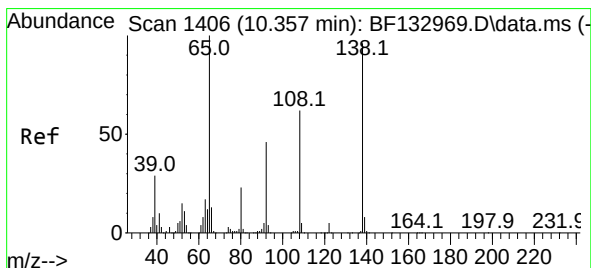
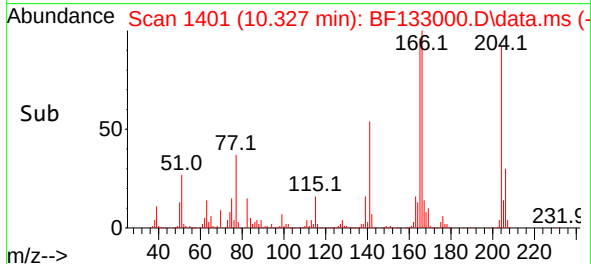
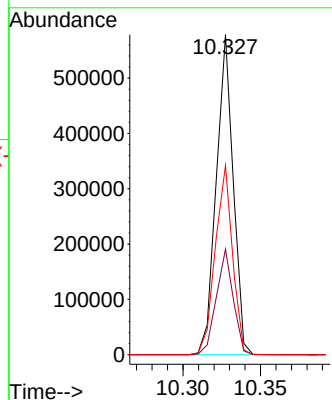
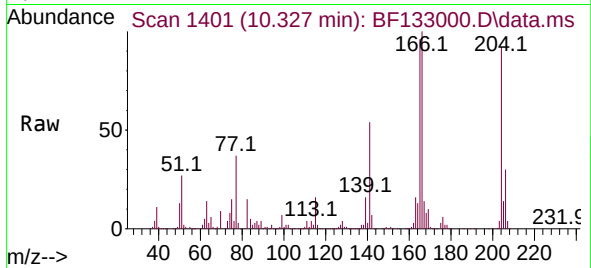




#61  
4-Chlorophenyl-phenylether  
Concen: 37.529 ng  
RT: 10.327 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

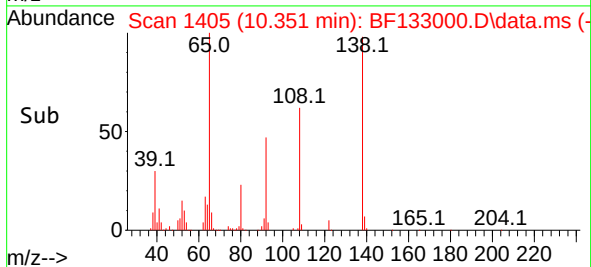
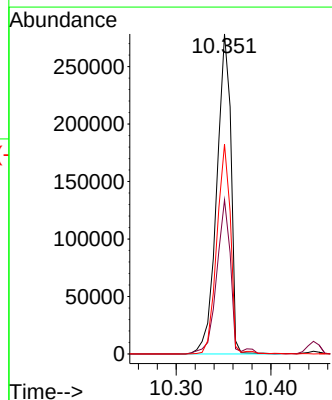
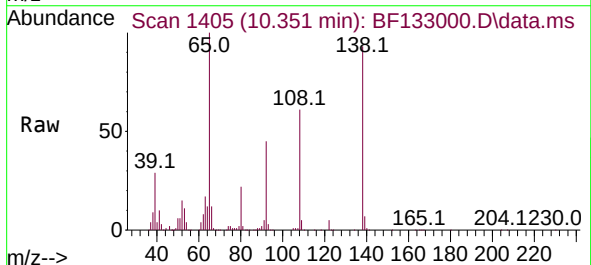
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

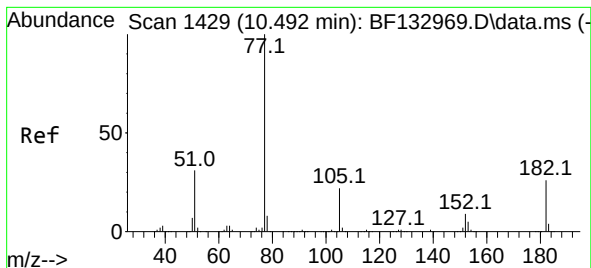
Tgt Ion:204 Resp: 439703  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.1 39.1  
141 59.2 46.1 69.1



#62  
4-Nitroaniline  
Concen: 43.635 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:138 Resp: 289856  
Ion Ratio Lower Upper  
138 100  
92 48.2 27.7 67.7  
108 65.5 45.2 85.2





#63

Azobenzene

Concen: 37.349 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1009299

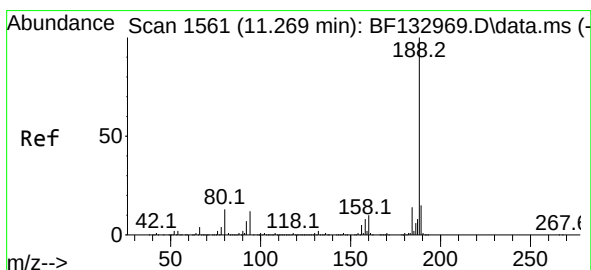
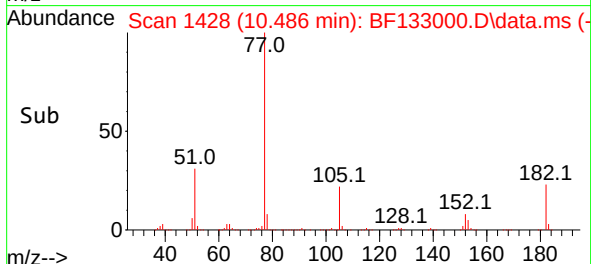
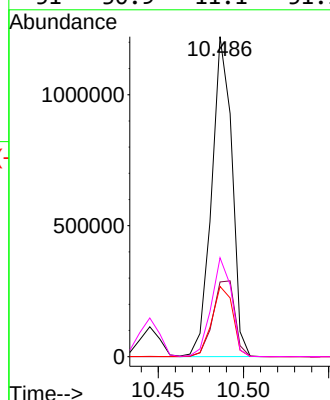
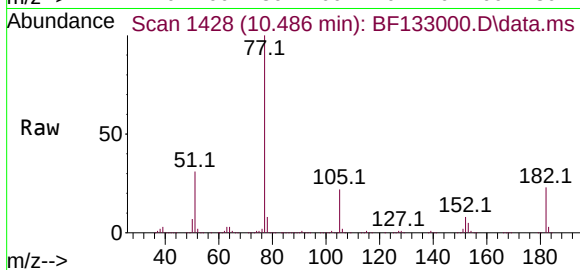
Ion Ratio Lower Upper

77 100

182 23.4 5.9 45.9

105 21.9 2.3 42.3

51 30.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

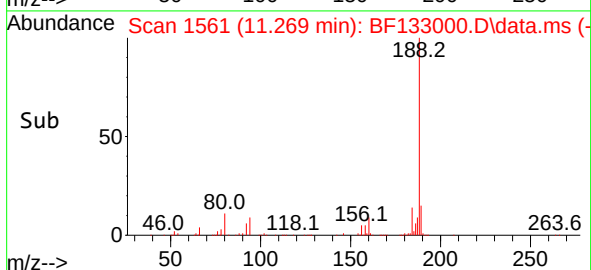
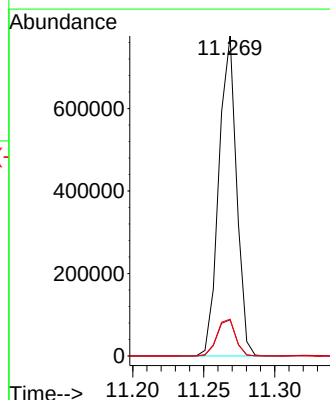
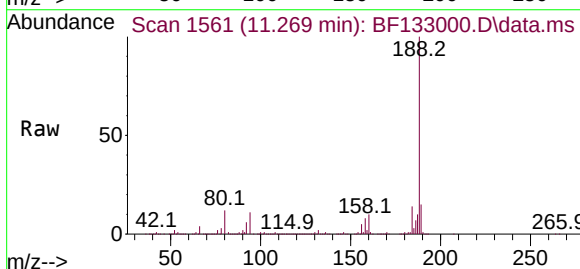
Tgt Ion: 188 Resp: 671982

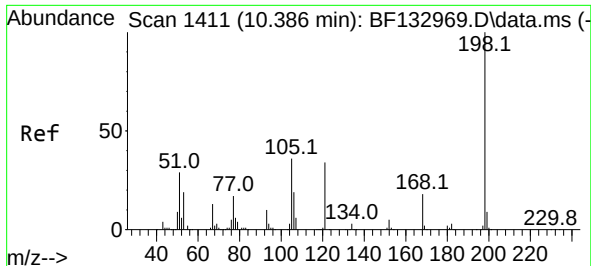
Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.5 10.4 15.6

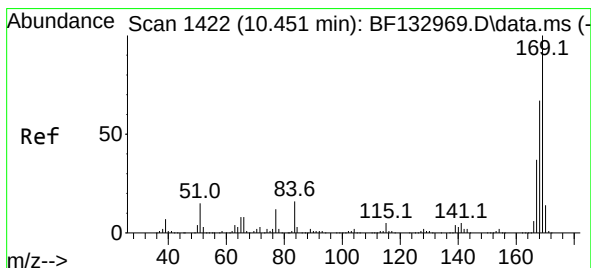
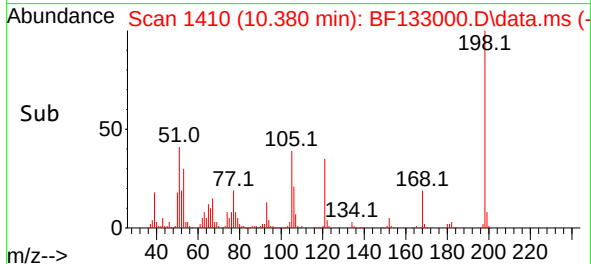
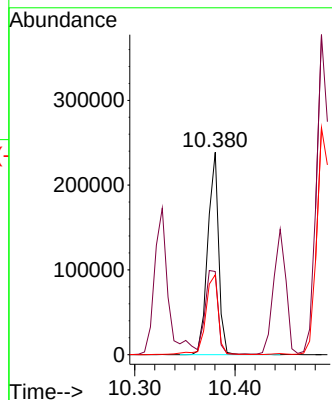
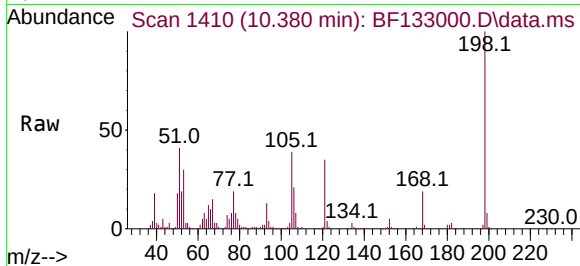




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.178 ng  
RT: 10.380 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

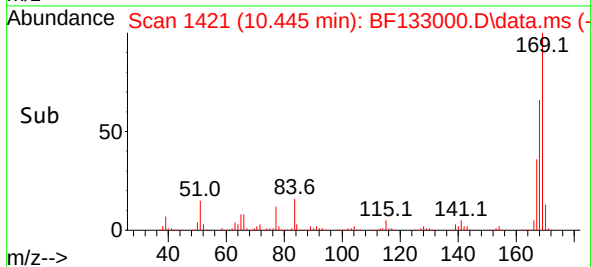
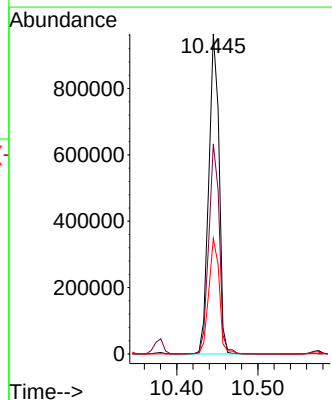
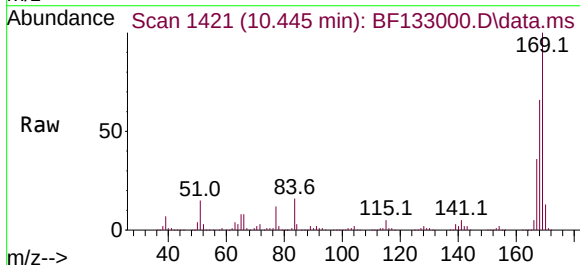
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

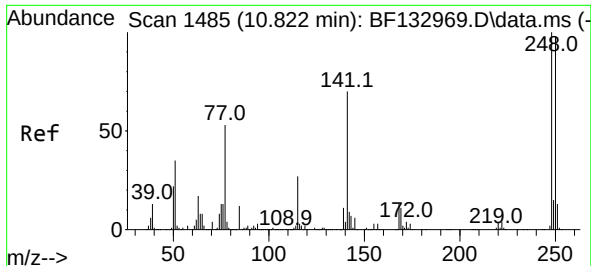
Tgt Ion:198 Resp: 179939  
Ion Ratio Lower Upper  
198 100  
51 41.1 15.5 55.5  
105 39.4 16.7 56.7



#66  
n-Nitrosodiphenylamine  
Concen: 38.840 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:169 Resp: 846617  
Ion Ratio Lower Upper  
169 100  
168 65.6 53.8 80.8  
167 36.1 29.7 44.5

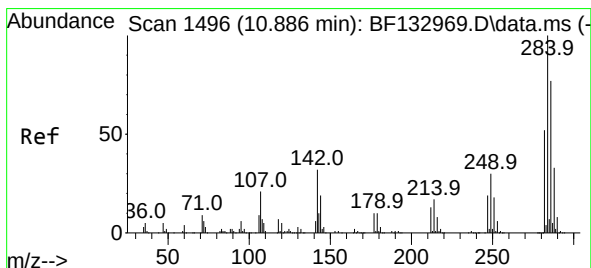
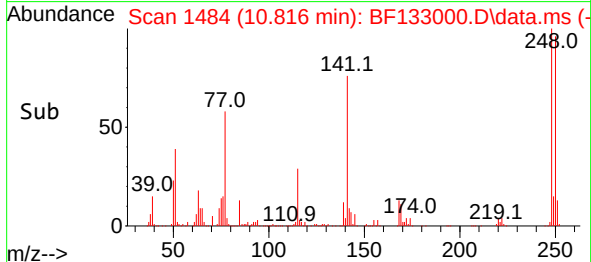
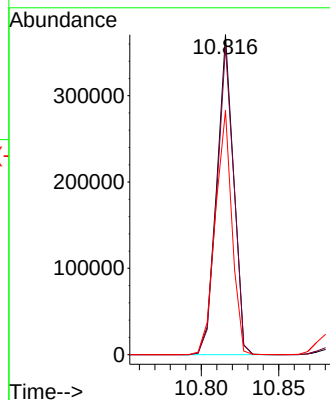
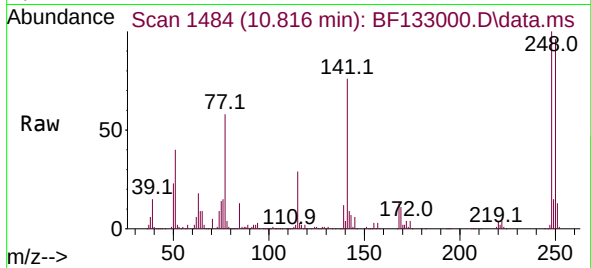




#67  
4-Bromophenyl-phenylether  
Concen: 38.534 ng  
RT: 10.816 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

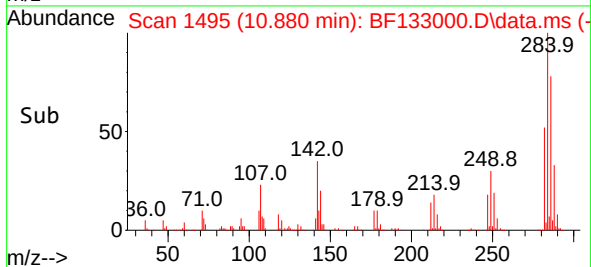
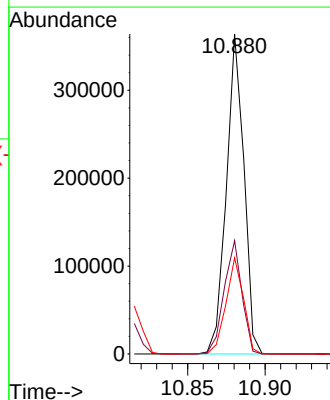
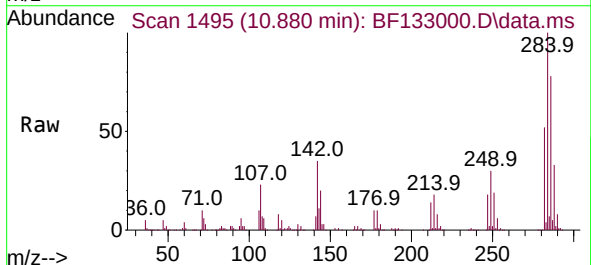
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

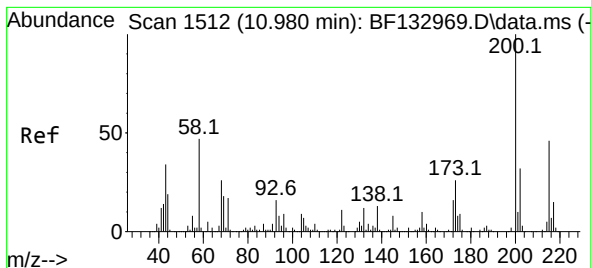
Tgt Ion:248 Resp: 280840  
Ion Ratio Lower Upper  
248 100  
250 96.3 78.7 118.1  
141 76.3 56.3 84.5



#68  
Hexachlorobenzene  
Concen: 38.350 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:284 Resp: 286396  
Ion Ratio Lower Upper  
284 100  
142 35.4 26.0 39.0  
249 30.1 23.7 35.5





#69

Atrazine

Concen: 39.633 ng

RT: 10.974 min Scan# 1511

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

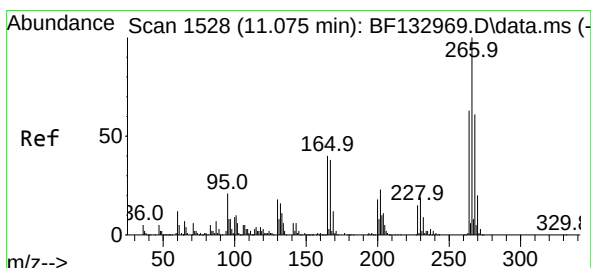
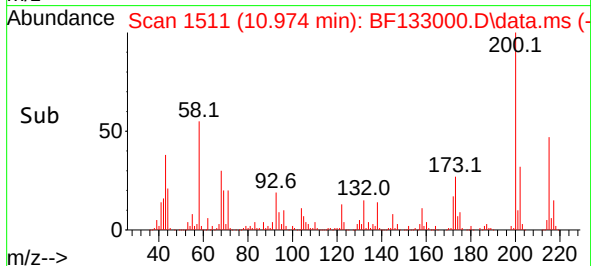
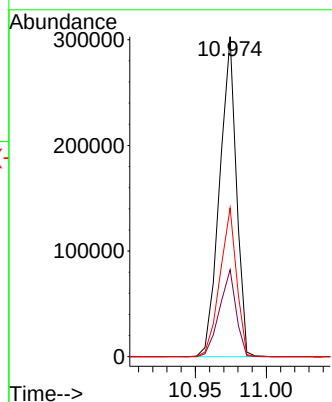
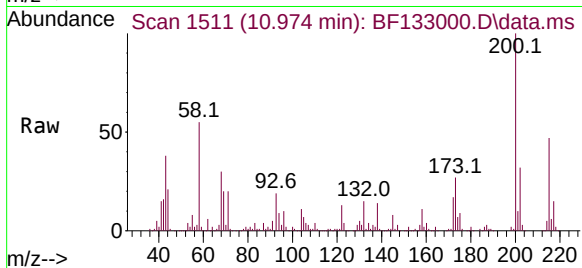
Tgt Ion:200 Resp: 248926

Ion Ratio Lower Upper

200 100

173 27.2 6.2 46.2

215 46.5 26.3 66.3



#70

Pentachlorophenol

Concen: 40.713 ng

RT: 11.074 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

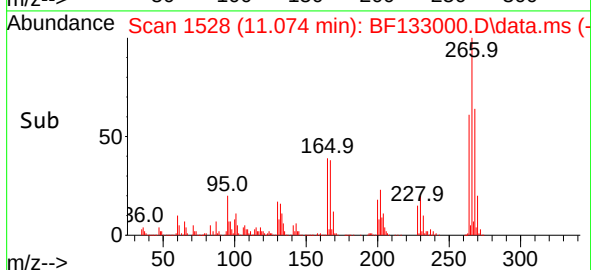
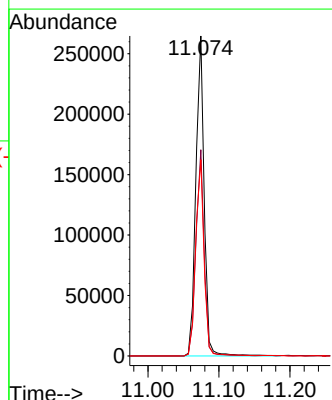
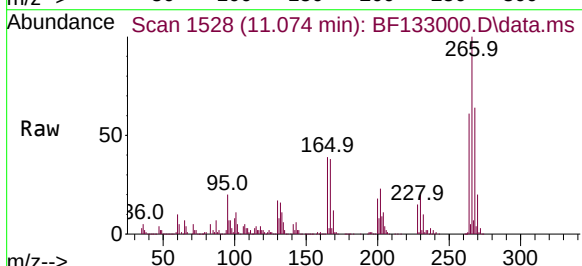
Tgt Ion:266 Resp: 216536

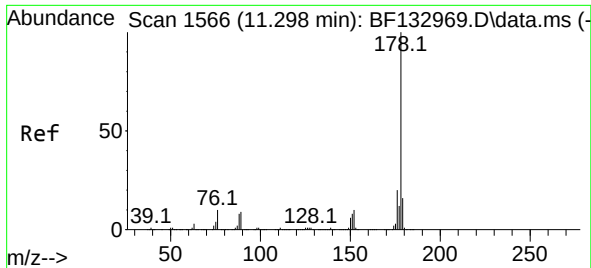
Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

264 61.4 50.6 76.0

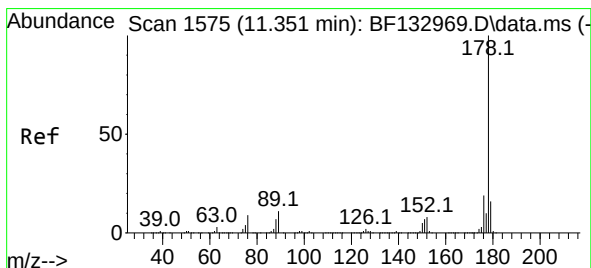
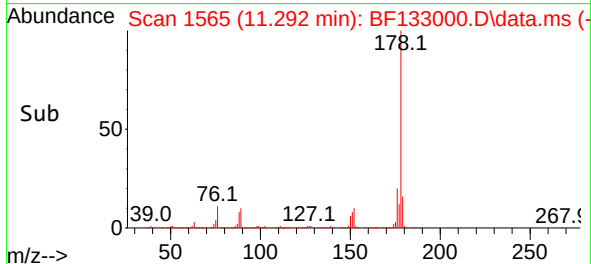
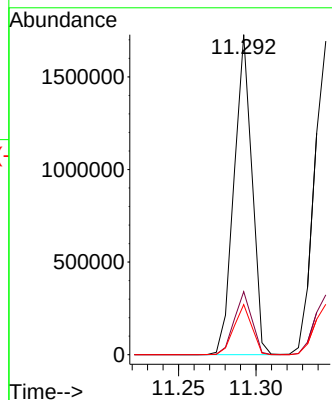
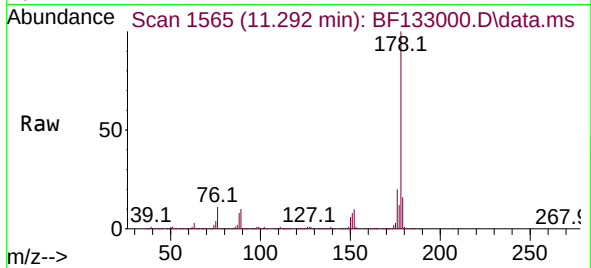




#71  
Phenanthrene  
Concen: 38.397 ng  
RT: 11.292 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

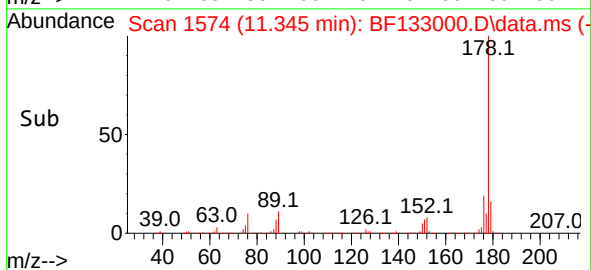
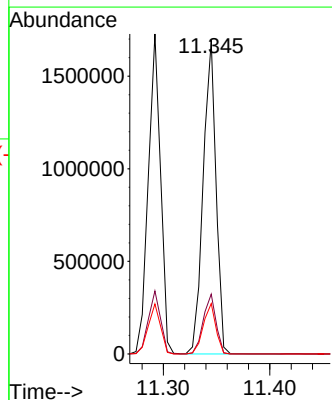
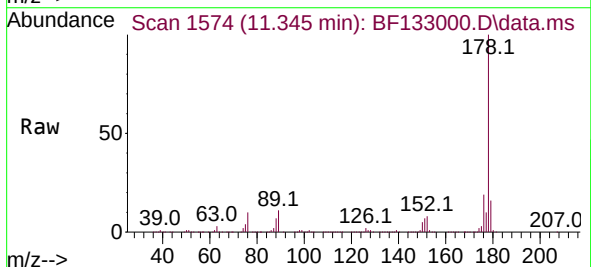
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

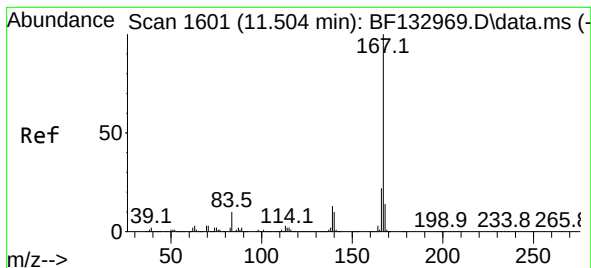
Tgt Ion:178 Resp: 1386784  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.9 23.9  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 38.496 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:178 Resp: 1422864  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 16.1 12.4 18.6





#73

Carbazole

Concen: 39.496 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

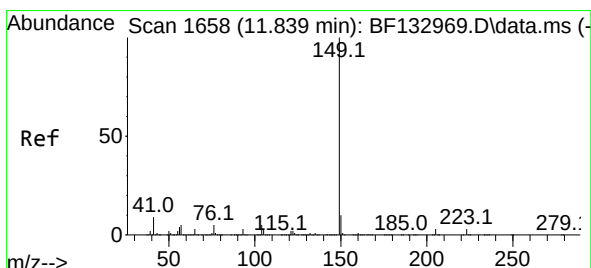
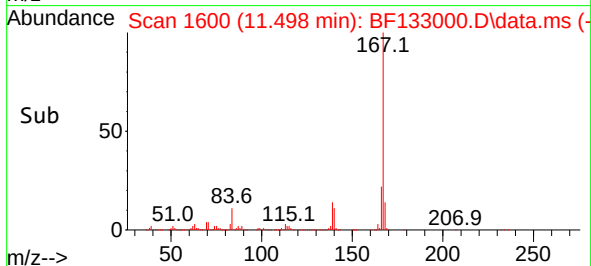
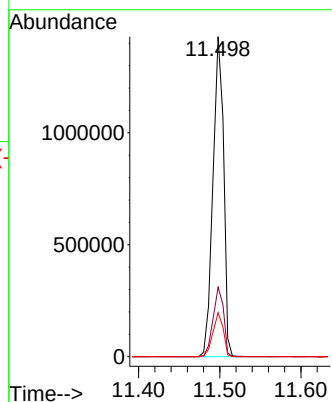
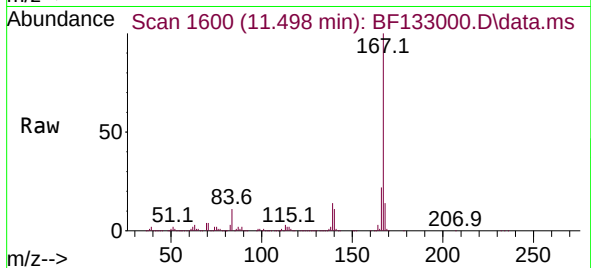
Tgt Ion:167 Resp: 1299898

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 39.744 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

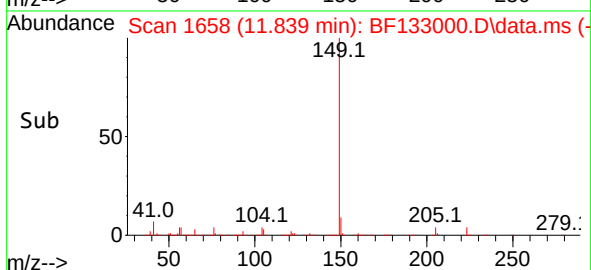
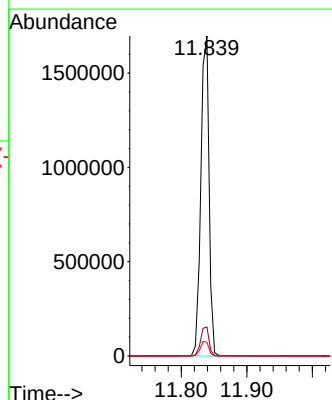
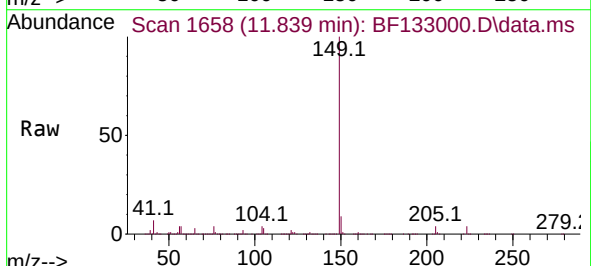
Tgt Ion:149 Resp: 1480265

Ion Ratio Lower Upper

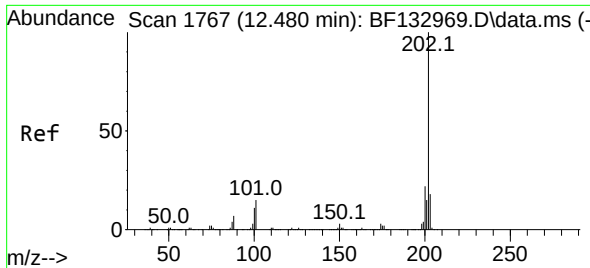
149 100

150 9.0 7.6 11.4

104 4.3 4.0 6.0



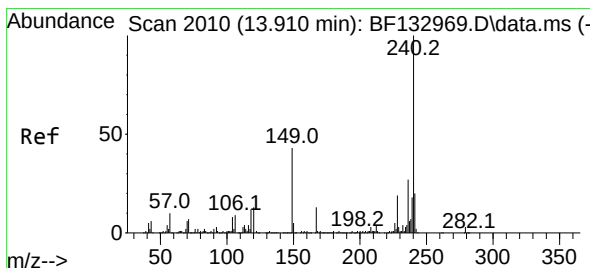
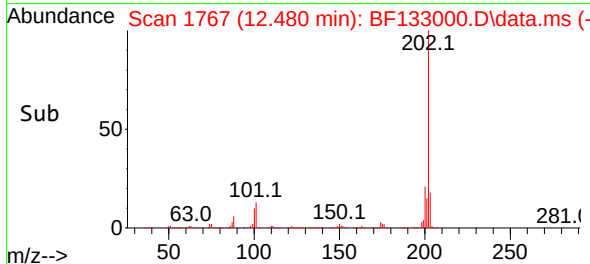
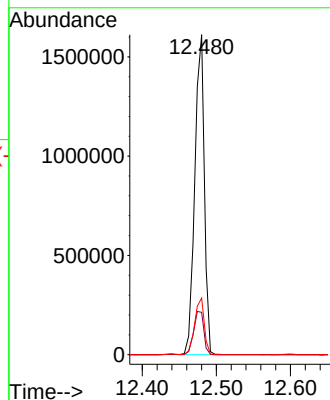
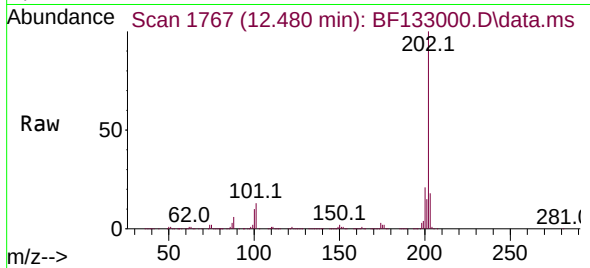




#75  
Fluoranthene  
Concen: 39.710 ng  
RT: 12.480 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

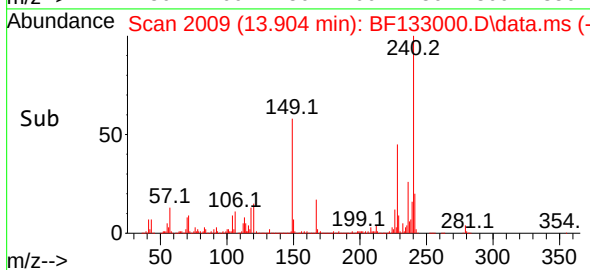
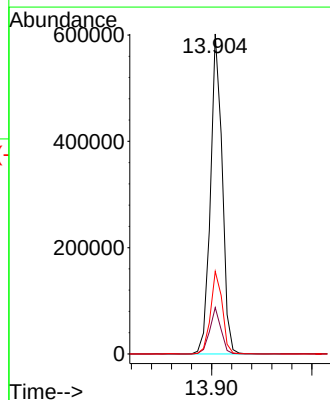
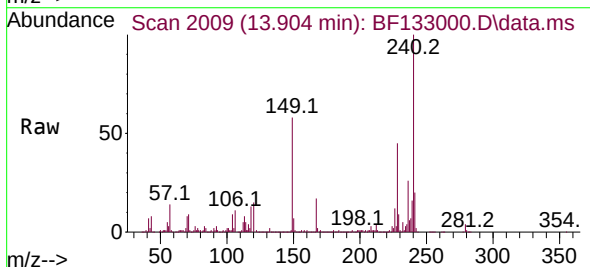
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

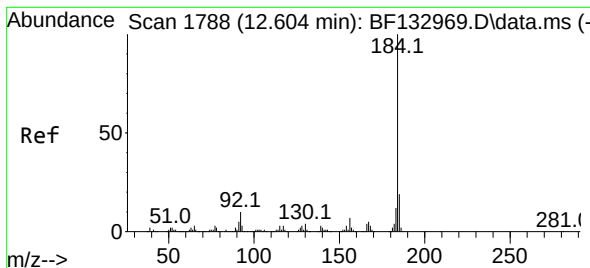
Tgt Ion:202 Resp: 1439388  
Ion Ratio Lower Upper  
202 100  
101 13.2 0.0 35.3  
203 17.7 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF133000.D  
Acq: 24 Apr 2023 17:47

Tgt Ion:240 Resp: 487499  
Ion Ratio Lower Upper  
240 100  
120 14.5 10.5 15.7  
236 25.8 21.5 32.3





#77

Benzidine

Concen: 50.969 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

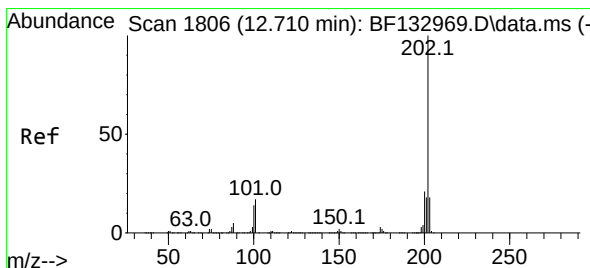
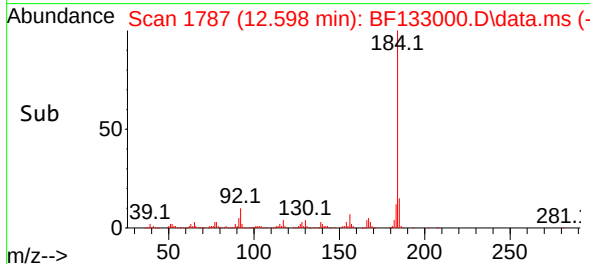
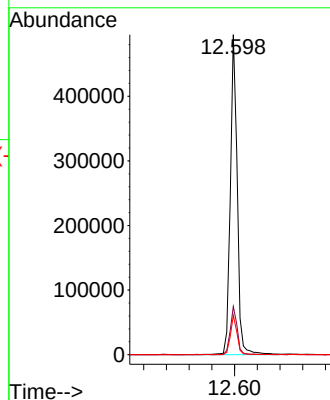
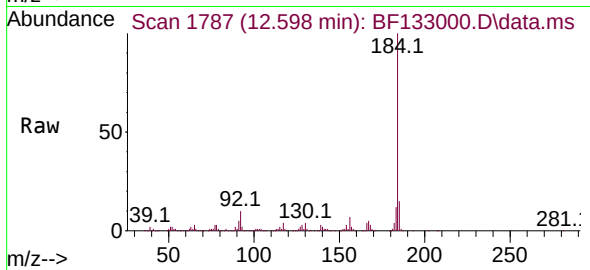
Tgt Ion:184 Resp: 420183

Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2#

183 12.3 9.4 14.0



#78

Pyrene

Concen: 35.592 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

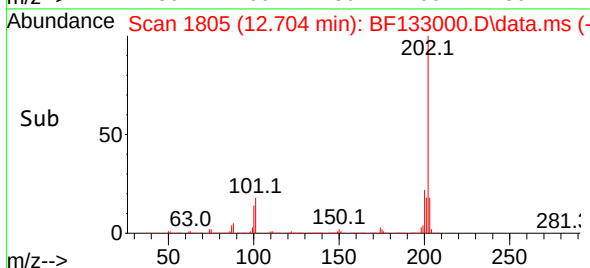
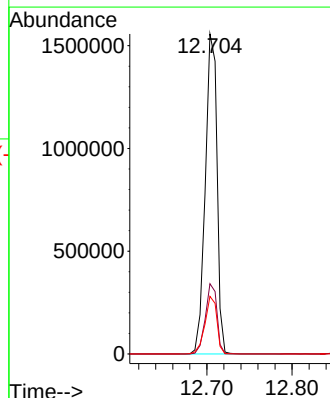
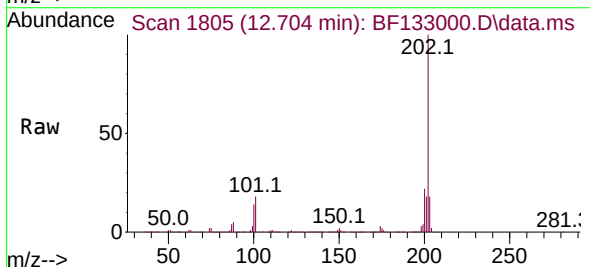
Tgt Ion:202 Resp: 1487397

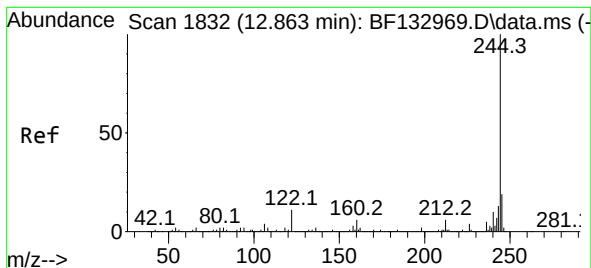
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 69.970 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

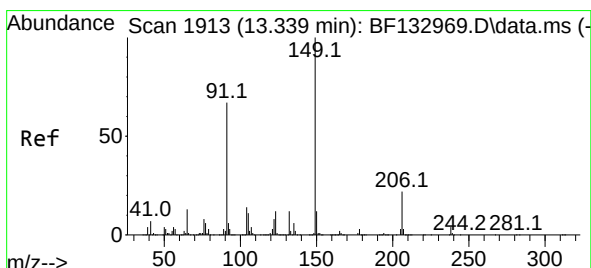
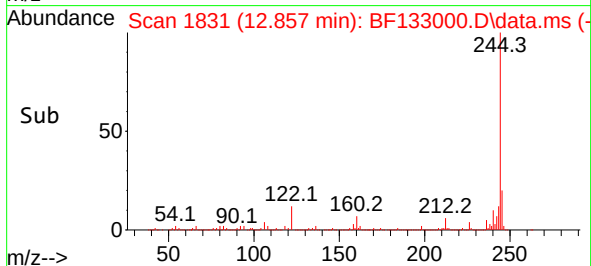
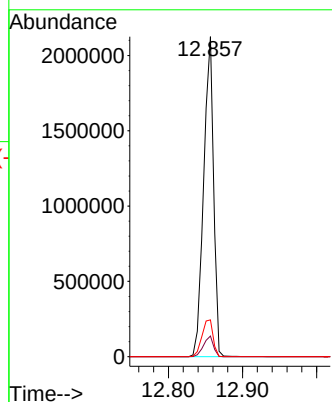
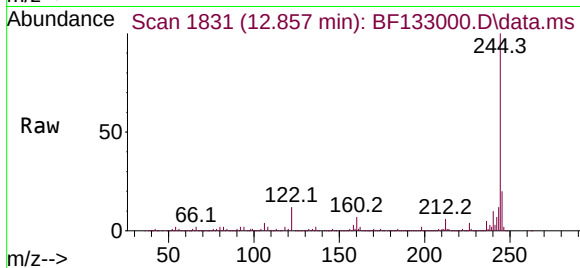
Tgt Ion:244 Resp: 1977787

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 41.972 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

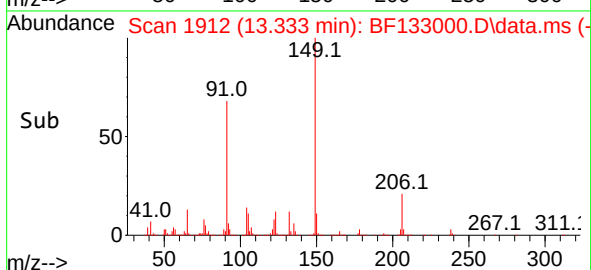
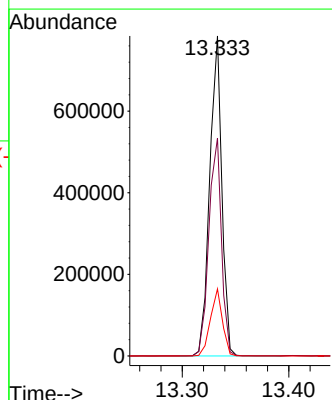
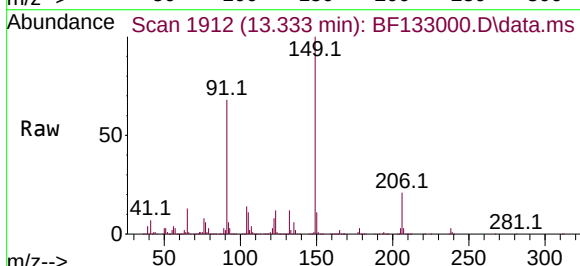
Tgt Ion:149 Resp: 621051

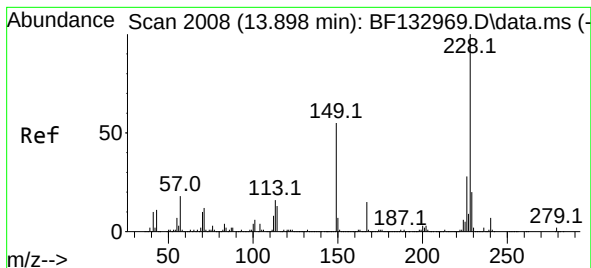
Ion Ratio Lower Upper

149 100

91 68.1 53.8 80.6

206 20.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 37.141 ng

RT: 13.892 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

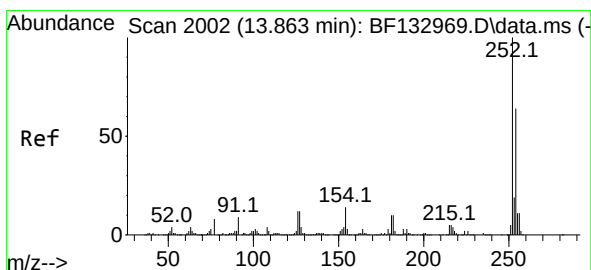
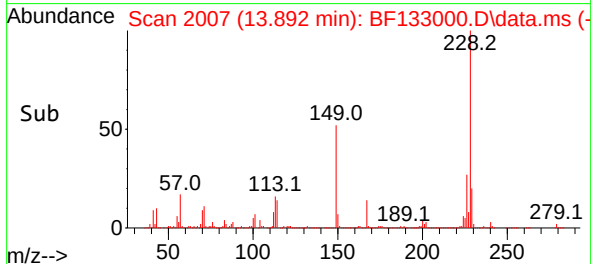
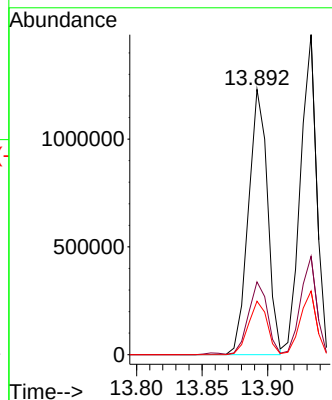
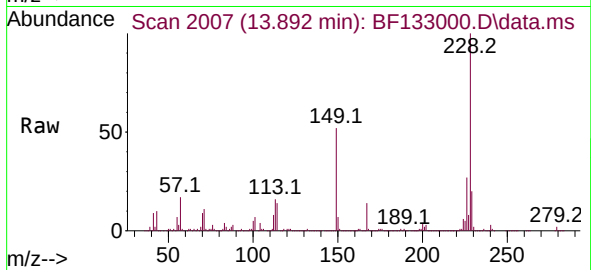
Tgt Ion:228 Resp: 1245119

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 44.550 ng

RT: 13.857 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

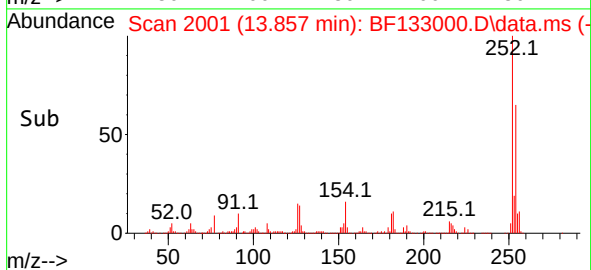
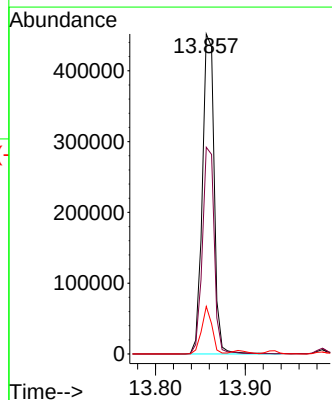
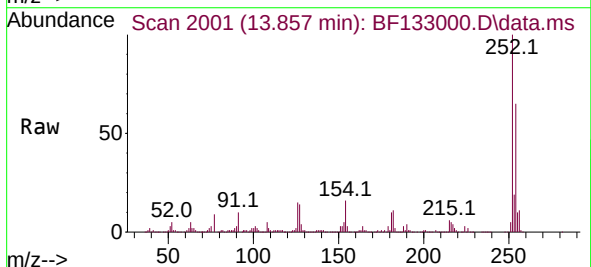
Tgt Ion:252 Resp: 412580

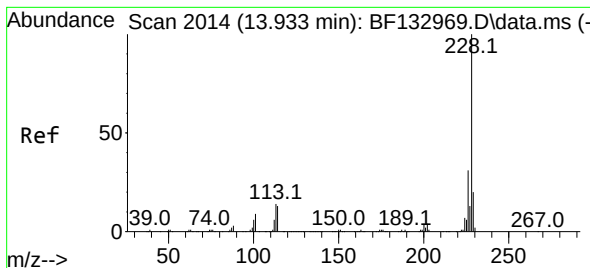
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 14.9 9.5 14.3#





#83

Chrysene

Concen: 37.792 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

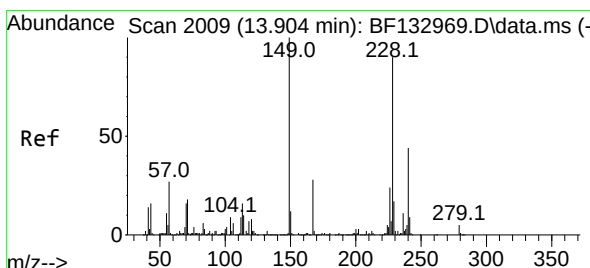
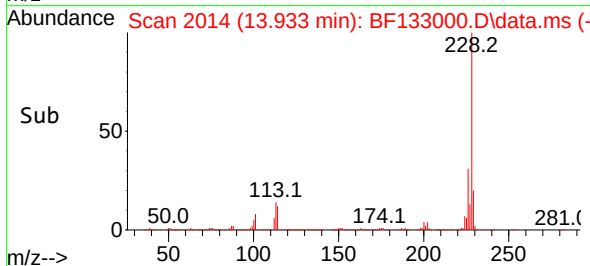
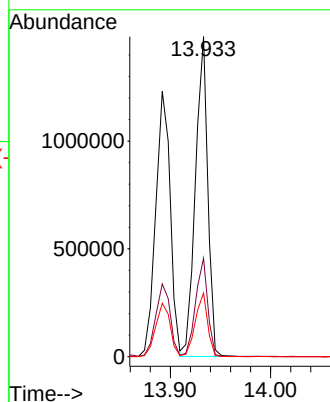
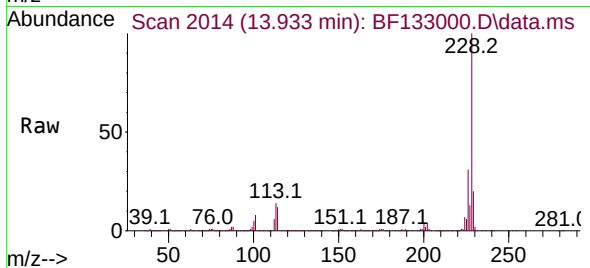
Tgt Ion:228 Resp: 1266635

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.218 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

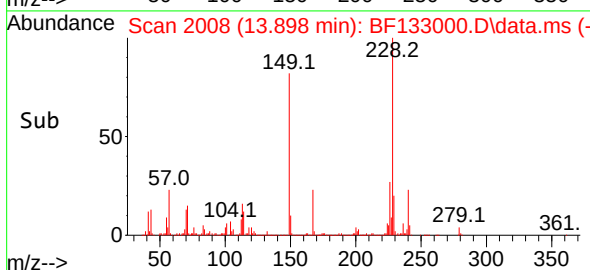
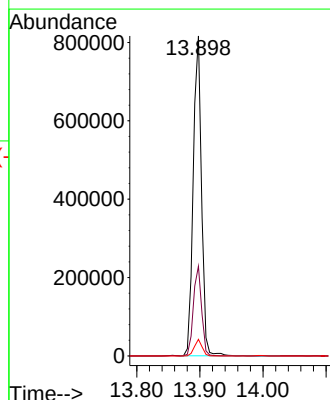
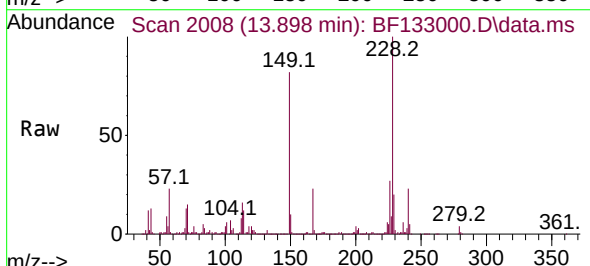
Tgt Ion:149 Resp: 746952

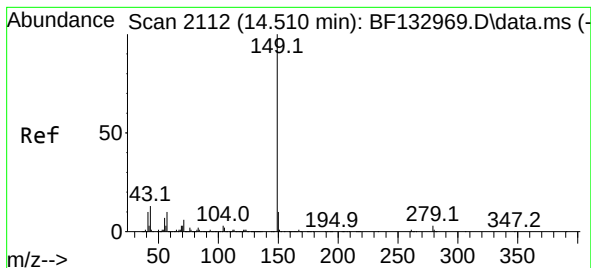
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 46.117 ng

RT: 14.509 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

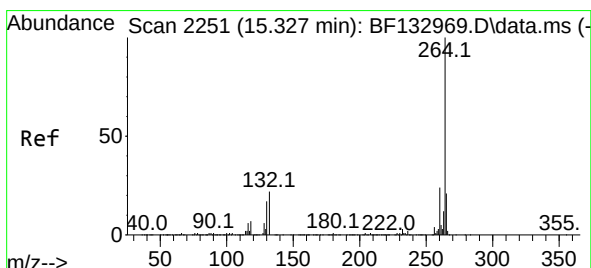
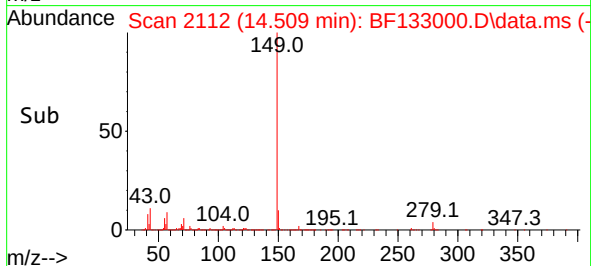
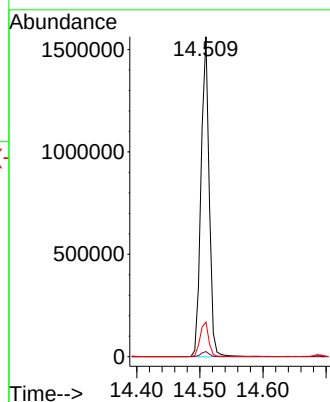
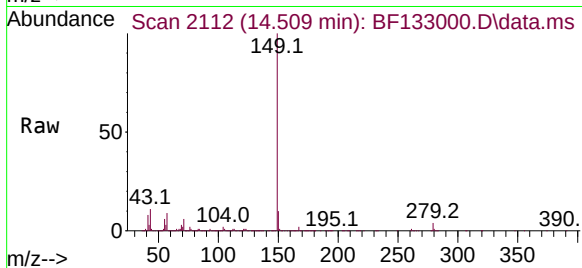
Tgt Ion:149 Resp: 1396588

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.4 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

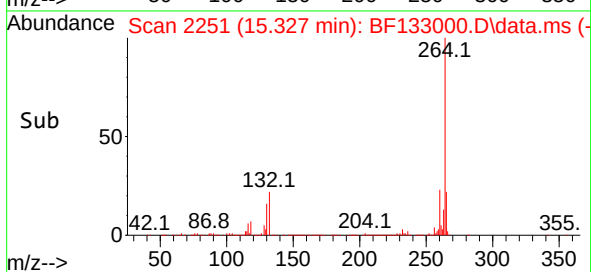
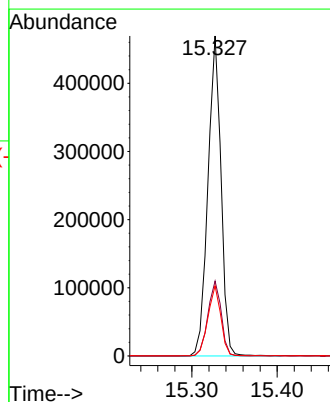
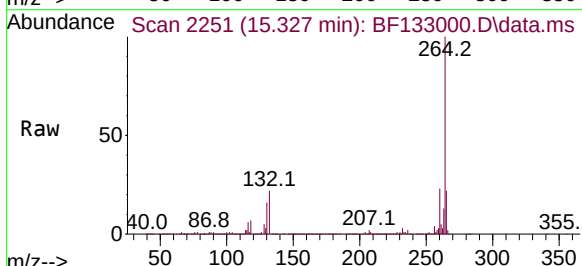
Tgt Ion:264 Resp: 500178

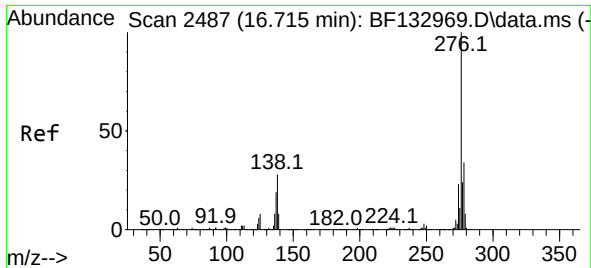
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.4

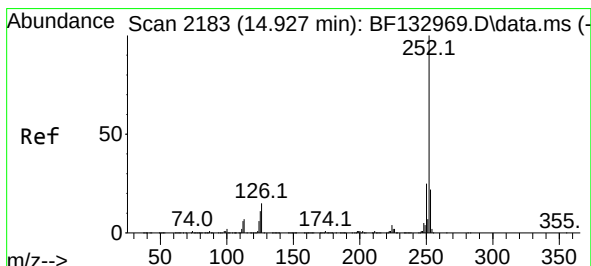
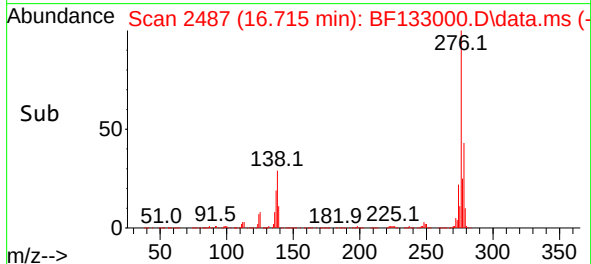
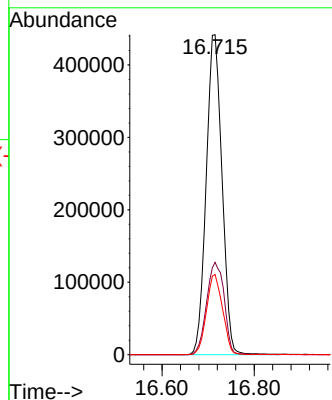
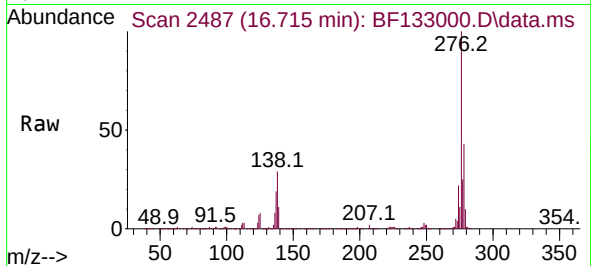




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.190 ng  
 RT: 16.715 min Scan# 2487  
 Delta R.T. -0.000 min  
 Lab File: BF133000.D  
 Acq: 24 Apr 2023 17:47

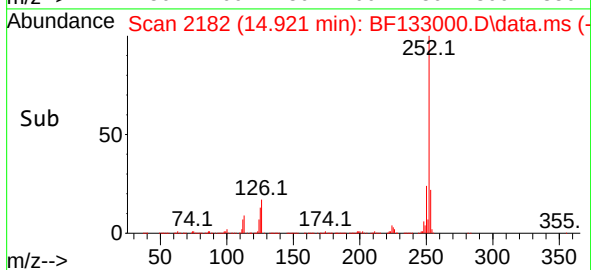
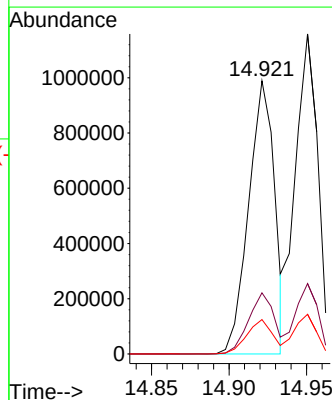
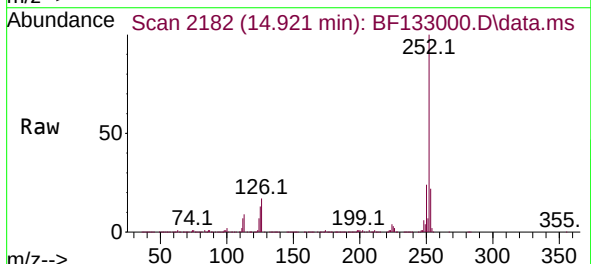
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

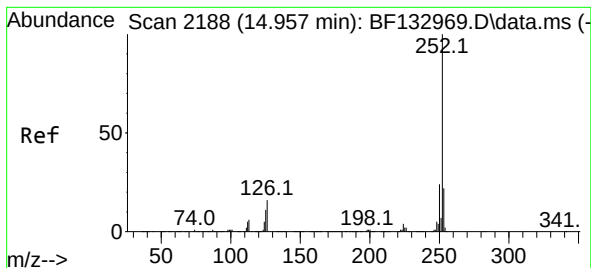
Tgt Ion:276 Resp: 1058111  
 Ion Ratio Lower Upper  
 276 100  
 138 31.9 25.5 38.3  
 277 25.5 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 36.236 ng  
 RT: 14.921 min Scan# 2182  
 Delta R.T. -0.006 min  
 Lab File: BF133000.D  
 Acq: 24 Apr 2023 17:47

Tgt Ion:252 Resp: 1153061  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.6 26.4  
 125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.329 ng

RT: 14.951 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

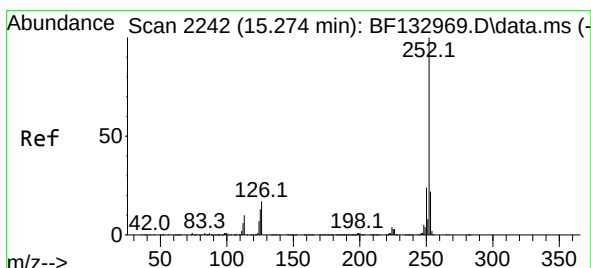
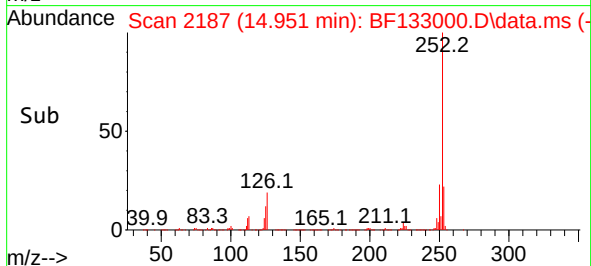
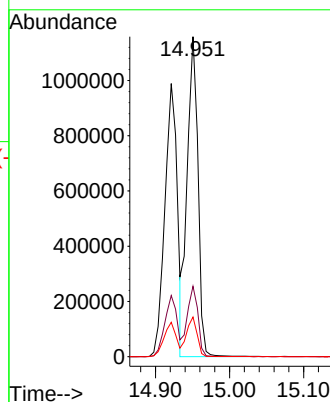
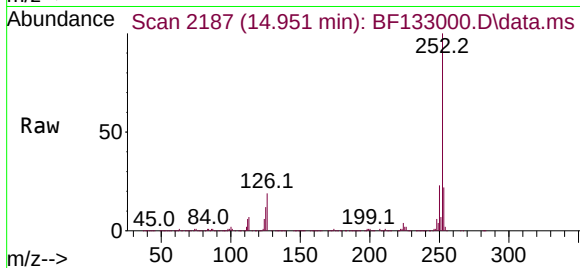
Tgt Ion:252 Resp: 1177485

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.4 9.0 13.4



#90

Benzo(a)pyrene

Concen: 37.485 ng

RT: 15.268 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

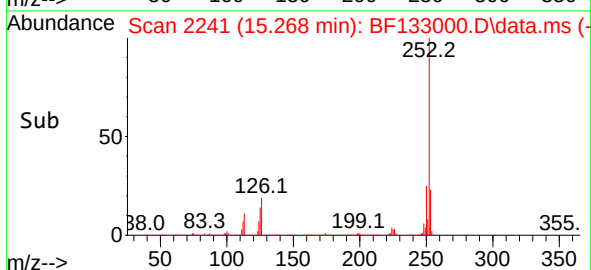
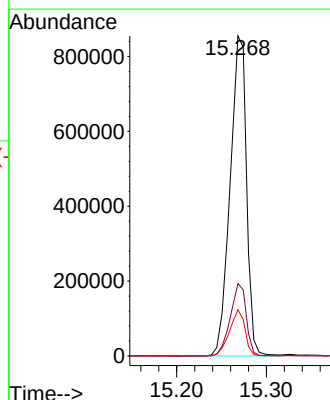
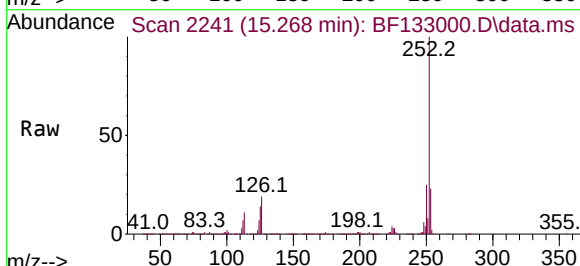
Tgt Ion:252 Resp: 1085699

Ion Ratio Lower Upper

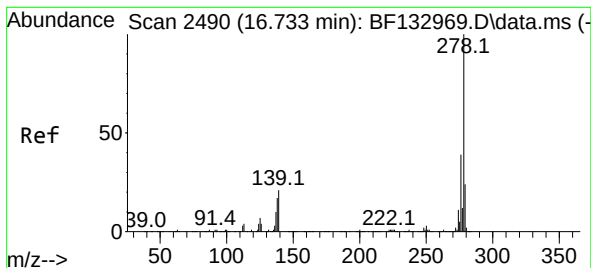
252 100

253 22.7 17.7 26.5

125 14.5 10.5 15.7







#91

Dibenzo(a,h)anthracene

Concen: 37.374 ng

RT: 16.733 min Scan# 2490

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

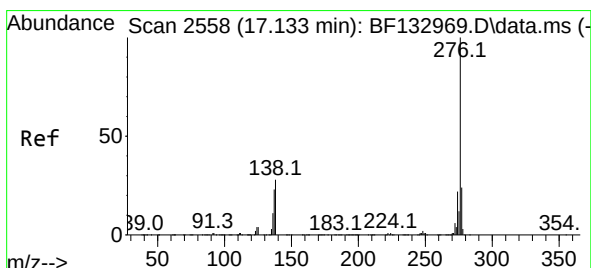
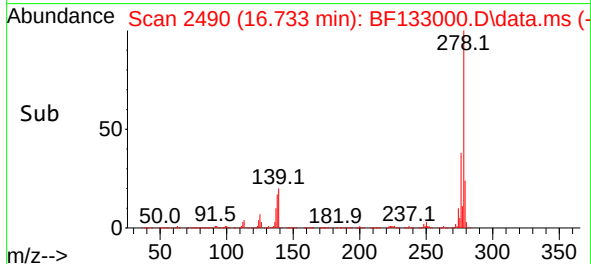
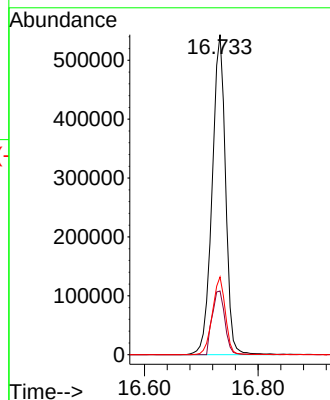
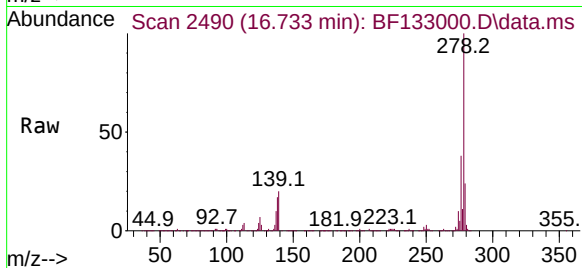
Tgt Ion:278 Resp: 886872

Ion Ratio Lower Upper

278 100

139 19.9 16.6 24.8

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 37.165 ng

RT: 17.133 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BF133000.D

Acq: 24 Apr 2023 17:47

Tgt Ion:276 Resp: 870682

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 28.0 22.7 34.1

