

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032024\  
 Data File : BF137651.D  
 Acq On : 20 Mar 2024 13:11  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 20 13:45:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 177561   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.010  | 136  | 664213   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.763  | 164  | 360223   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.245 | 188  | 591175   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.880 | 240  | 356915   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.298 | 264  | 331177   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 909429   | 77.571 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.369  | 99   | 1232762  | 72.846 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 1081634  | 75.664 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.551 | 330  | 255617   | 80.805 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 1731771  | 75.255 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.827 | 244  | 1805573  | 69.564 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.375  | 88   | 232097   | 36.206 | ng    | 98       |
| 3) Pyridine                   | 3.075  | 79   | 587675   | 38.012 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.052  | 42   | 210812   | 34.799 | ng    | 91       |
| 6) Aniline                    | 6.393  | 93   | 757642   | 36.640 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.516  | 128  | 464380   | 37.554 | ng    | 97       |
| 9) Benzaldehyde               | 6.281  | 77   | 305773   | 36.881 | ng    | 94       |
| 10) Phenol                    | 6.381  | 94   | 668581   | 36.706 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.469  | 93   | 474843   | 35.575 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.669  | 146  | 497830   | 37.676 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 6.745  | 146  | 509343   | 37.675 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.898  | 146  | 468467   | 37.752 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.875  | 79   | 385148   | 36.557 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.010  | 45   | 742994   | 32.384 | ng    | 96       |
| 17) 2-Methylphenol            | 6.987  | 107  | 435093   | 37.603 | ng    | 99       |
| 18) Hexachloroethane          | 7.234  | 117  | 172510   | 38.753 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.145  | 70   | 353046   | 33.784 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.145  | 107  | 482802   | 36.433 | ng    | 97       |
| 22) Acetophenone              | 7.145  | 105  | 606284   | 37.726 | ng    | 98       |
| 24) Nitrobenzene              | 7.316  | 77   | 547599   | 38.133 | ng    | 97       |
| 25) Isophorone                | 7.551  | 82   | 984081   | 36.235 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.628  | 139  | 228778   | 40.128 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.669  | 122  | 415124   | 38.968 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.763  | 93   | 606925   | 38.088 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.869  | 162  | 388813   | 39.768 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.951  | 180  | 402863   | 39.156 | ng    | 98       |
| 31) Naphthalene               | 8.034  | 128  | 1353590  | 37.982 | ng    | 99       |
| 32) Benzoic acid              | 7.804  | 122  | 179975   | 31.786 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.087  | 127  | 544442   | 38.961 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.145  | 225  | 239225   | 39.384 | ng    | 100      |
| 35) Caprolactam               | 8.463  | 113  | 128017   | 38.615 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.569  | 107  | 415871   | 38.053 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.722  | 142  | 856627   | 37.706 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.822  | 142  | 788233   | 36.842 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.886  | 216  | 396407   | 39.418 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.875  | 237  | 154480   | 42.005 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.004  | 196  | 254781   | 38.905 | ng    | 99       |

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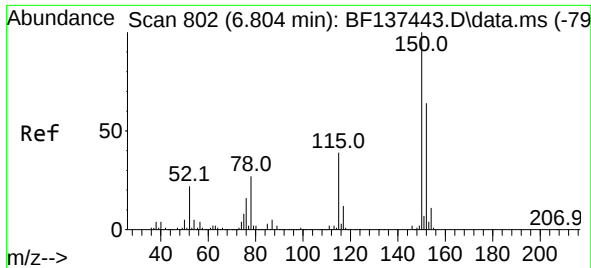
Quant Time: Mar 20 13:45:47 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.045  | 196  | 304988   | 40.428 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.186  | 154  | 1010189  | 38.315 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.210  | 162  | 769507   | 38.282 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.310  | 65   | 270148   | 39.540 | ng    | 95       |
| 49) Acenaphthylene            | 9.622  | 152  | 1213463  | 37.722 | ng    | 100      |
| 50) Dimethylphthalate         | 9.492  | 163  | 950543   | 37.907 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.557  | 165  | 208182   | 39.693 | ng    | 86       |
| 52) Acenaphthene              | 9.798  | 154  | 713379   | 37.145 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.728  | 138  | 222273   | 40.066 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 9.833  | 184  | 79936    | 36.260 | ng    | 95       |
| 55) Dibenzofuran              | 9.969  | 168  | 1085377  | 37.106 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.892  | 139  | 137361   | 37.360 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 259167   | 40.220 | ng    | 98       |
| 58) Fluorene                  | 10.310 | 166  | 825081   | 36.729 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.086 | 232  | 234164   | 38.708 | ng    | 96       |
| 60) Diethylphthalate          | 10.186 | 149  | 879112   | 37.125 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.304 | 204  | 408672   | 37.120 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.339 | 138  | 175926   | 36.896 | ng    | 96       |
| 63) Azobenzene                | 10.463 | 77   | 966406   | 35.442 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.363 | 198  | 136416   | 41.402 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.428 | 169  | 739480   | 38.845 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.792 | 248  | 259391   | 40.285 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.851 | 284  | 266492   | 40.977 | ng    | 97       |
| 69) Atrazine                  | 10.951 | 200  | 239046   | 41.307 | ng    | 96       |
| 70) Pentachlorophenol         | 11.051 | 266  | 139520   | 35.488 | ng    | 98       |
| 71) Phenanthrene              | 11.269 | 178  | 1221740  | 37.974 | ng    | 99       |
| 72) Anthracene                | 11.322 | 178  | 1266117  | 38.317 | ng    | 100      |
| 73) Carbazole                 | 11.480 | 167  | 1075728  | 38.006 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.810 | 149  | 1313647  | 39.009 | ng    | 99       |
| 75) Fluoranthene              | 12.457 | 202  | 1190534  | 37.857 | ng    | 97       |
| 77) Benzidine                 | 12.586 | 184  | 280862   | 32.155 | ng    | 97       |
| 78) Pyrene                    | 12.680 | 202  | 1204970  | 34.407 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.304 | 149  | 438877   | 49.070 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.869 | 228  | 892114   | 35.662 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 287085   | 43.095 | ng    | 97       |
| 83) Chrysene                  | 13.904 | 228  | 916818   | 36.262 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.863 | 149  | 554699   | 48.795 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.474 | 149  | 871371   | 40.733 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.692 | 276  | 755322   | 34.658 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 14.892 | 252  | 771165   | 39.364 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.921 | 252  | 748758   | 35.584 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.245 | 252  | 727764   | 37.698 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.704 | 278  | 614573   | 34.762 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.109 | 276  | 616217   | 33.939 | ng    | 96       |

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

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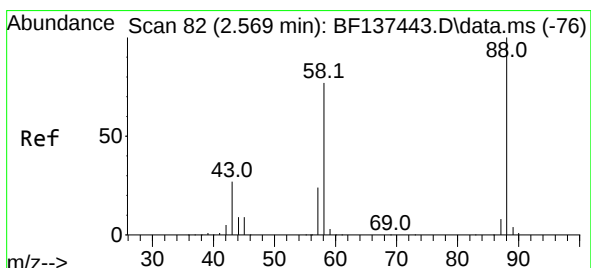
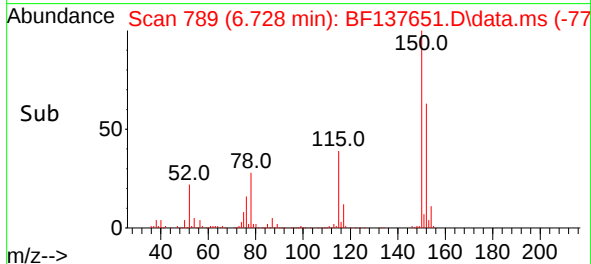
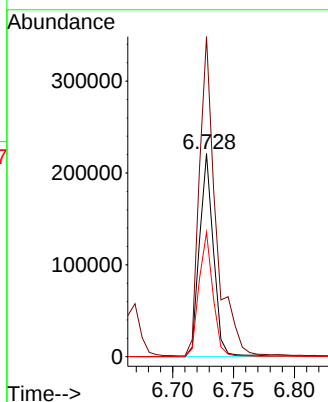
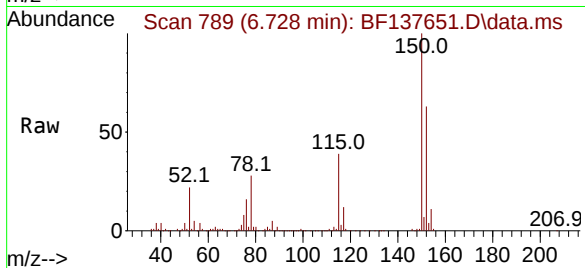




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.728 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

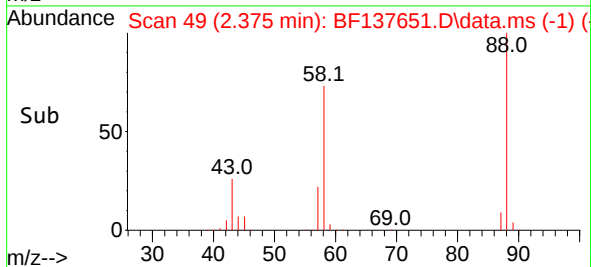
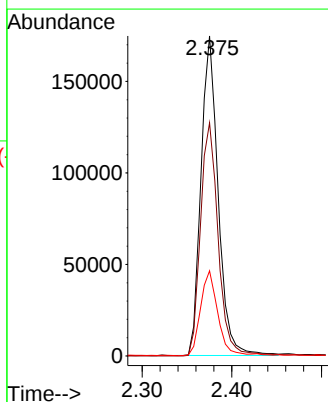
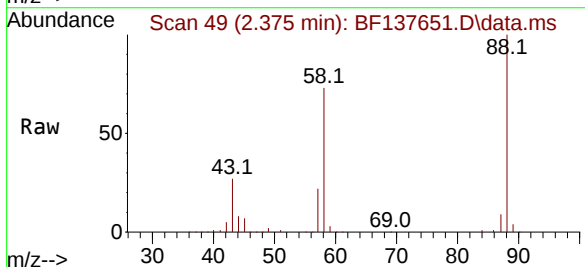
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

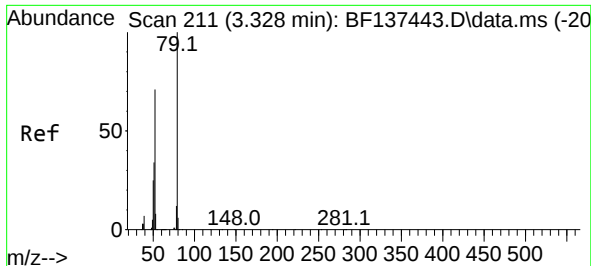
Tgt Ion:152 Resp: 177561  
Ion Ratio Lower Upper  
152 100  
150 157.6 125.8 188.6  
115 61.3 48.8 73.2



#2  
1,4-Dioxane  
Concen: 36.206 ng  
RT: 2.375 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion: 88 Resp: 232097  
Ion Ratio Lower Upper  
88 100  
58 75.7 61.8 92.8  
43 27.2 22.2 33.4

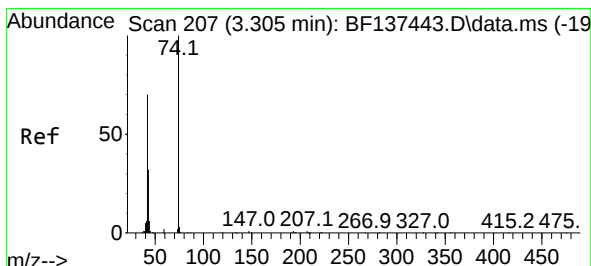
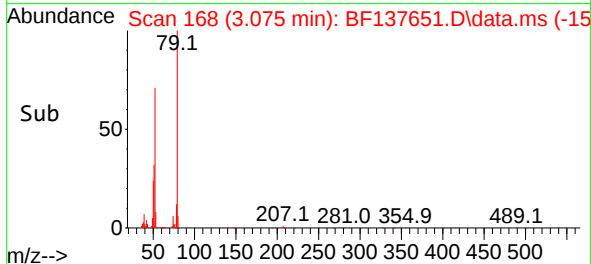
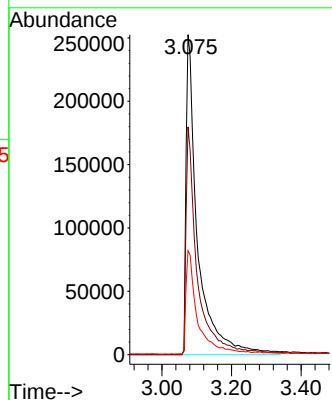
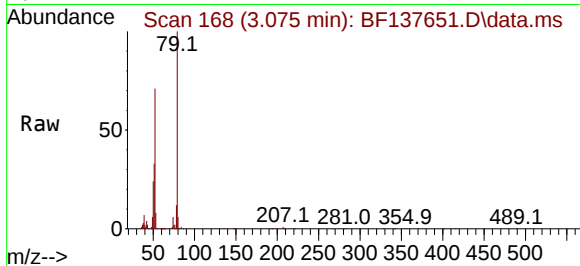




#3  
Pyridine  
Concen: 38.012 ng  
RT: 3.075 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

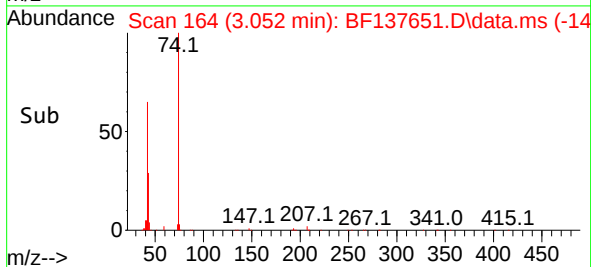
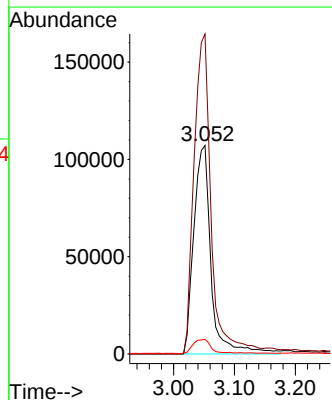
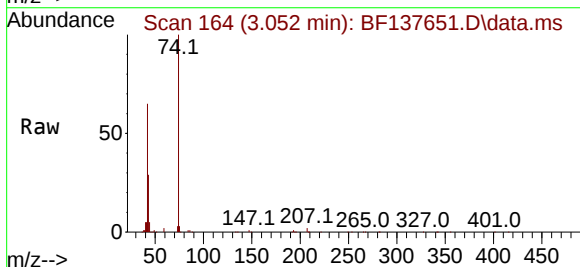
Instrument :  
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ClientSampleId :  
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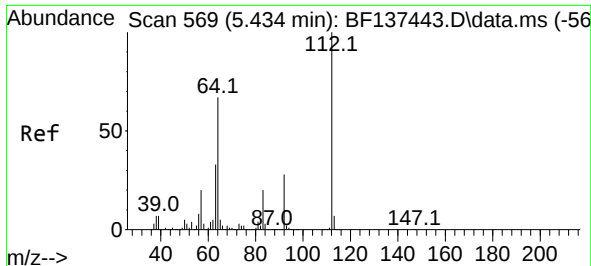
Tgt Ion: 79 Resp: 587675  
Ion Ratio Lower Upper  
79 100  
52 71.2 57.0 85.4  
51 32.5 27.5 41.3



#4  
n-Nitrosodimethylamine  
Concen: 34.799 ng  
RT: 3.052 min Scan# 164  
Delta R.T. 0.012 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion: 42 Resp: 210812  
Ion Ratio Lower Upper  
42 100  
74 153.5 114.0 171.0  
44 7.1 7.0 10.4

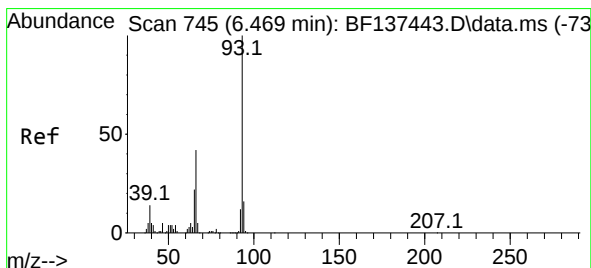
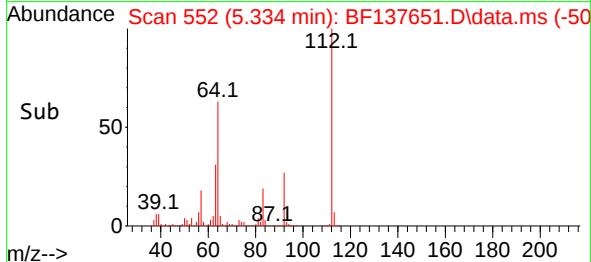
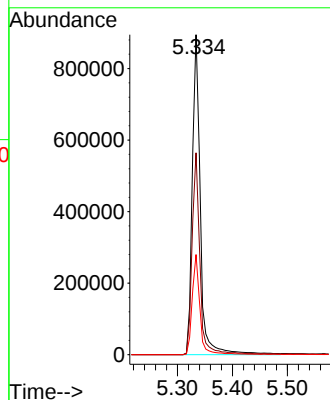
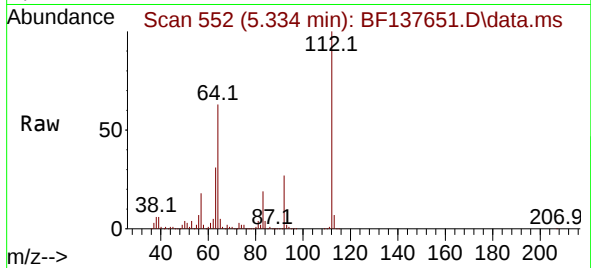




#5  
2-Fluorophenol  
Concen: 77.571 ng  
RT: 5.334 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

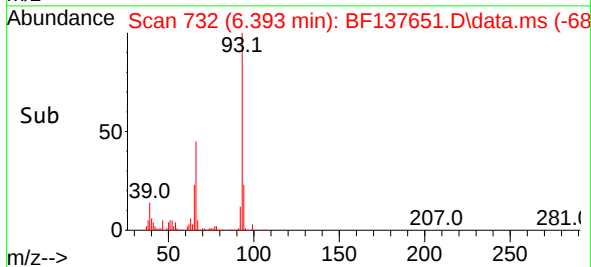
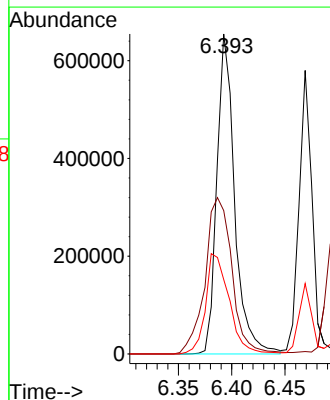
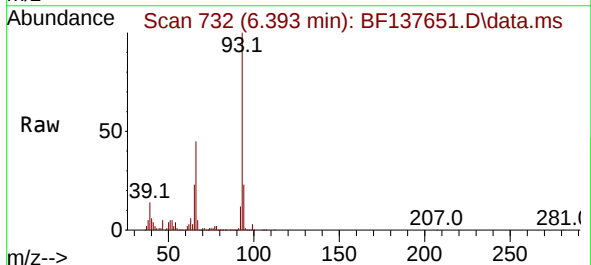
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Tgt Ion:112 Resp: 909429  
Ion Ratio Lower Upper  
112 100  
64 63.1 53.4 80.2  
63 31.3 26.2 39.2



#6  
Aniline  
Concen: 36.640 ng  
RT: 6.393 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
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Tgt Ion: 93 Resp: 757642  
Ion Ratio Lower Upper  
93 100  
66 44.8 34.0 51.0  
65 23.3 17.8 26.8

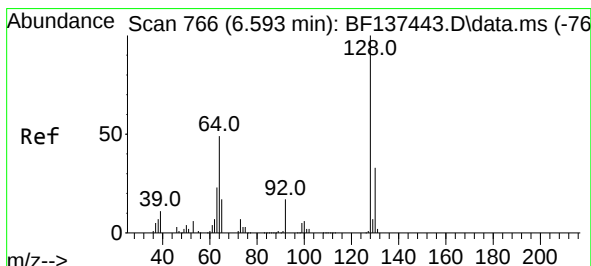
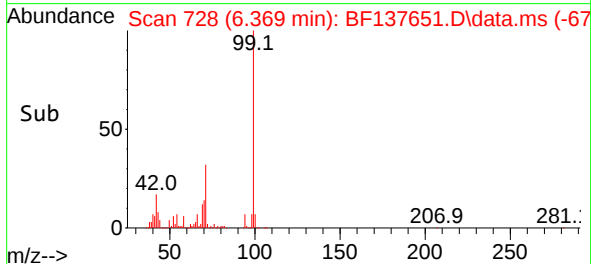
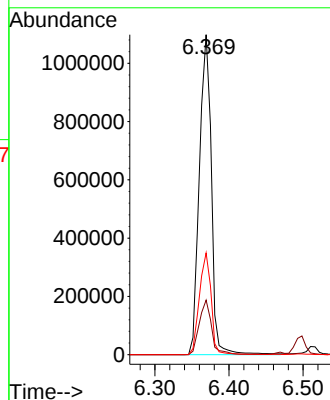
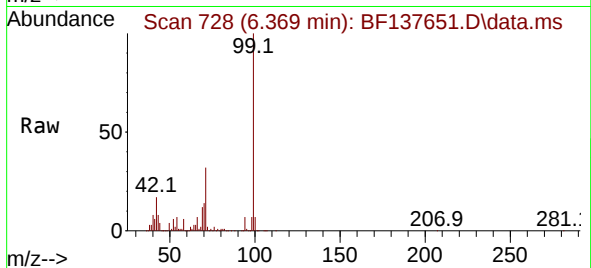




#7  
Phenol-d6  
Concen: 72.846 ng  
RT: 6.369 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

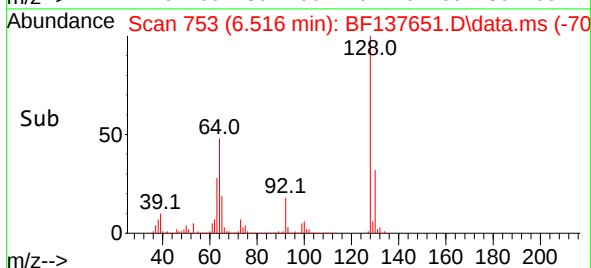
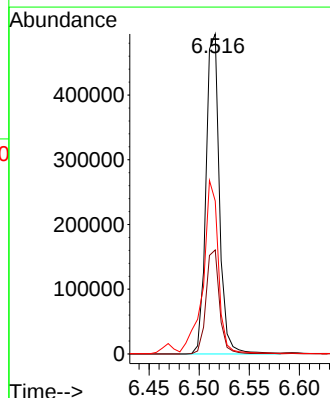
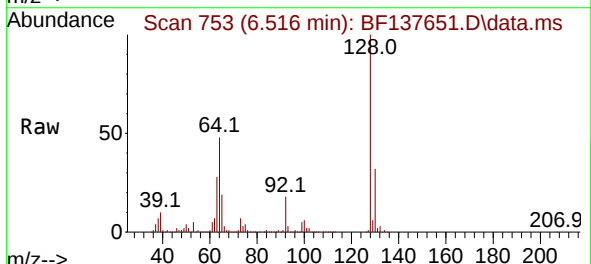
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ClientSampleId :  
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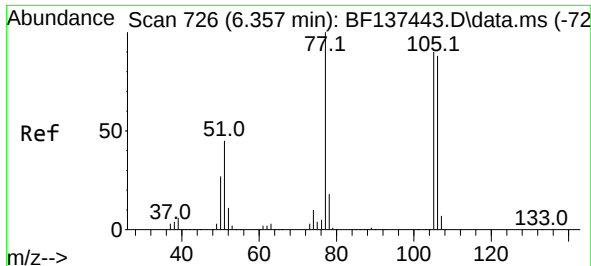
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Ion Ratio Lower Upper  
99 100  
42 17.0 14.6 21.8  
71 31.8 25.3 37.9



#8  
2-Chlorophenol  
Concen: 37.554 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:128 Resp: 464380  
Ion Ratio Lower Upper  
128 100  
130 32.5 13.4 53.4  
64 47.8 30.0 70.0





#9

Benzaldehyde

Concen: 36.881 ng

RT: 6.281 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

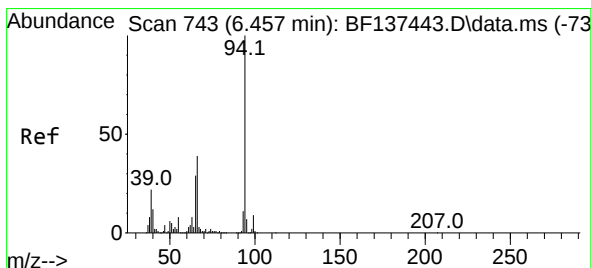
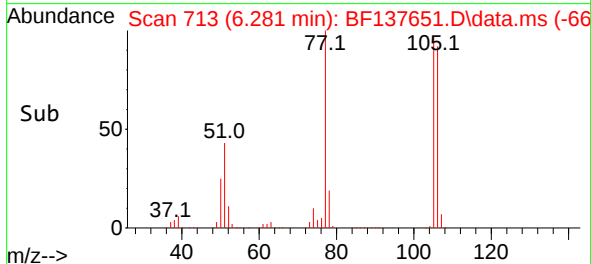
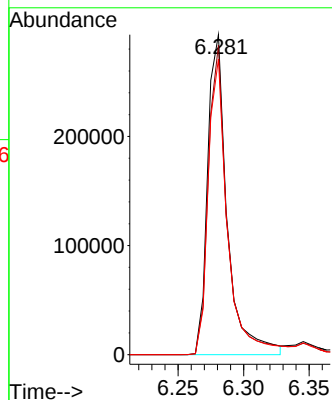
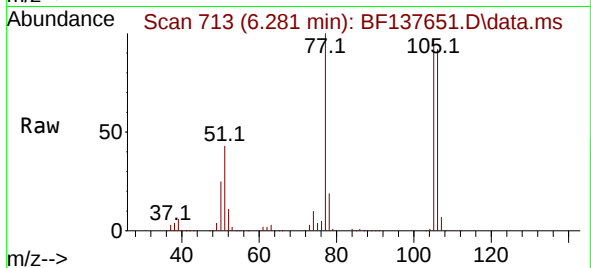
Tgt Ion: 77 Resp: 305773

Ion Ratio Lower Upper

77 100

105 96.7 69.8 109.8

106 92.4 67.8 107.8



#10

Phenol

Concen: 36.706 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

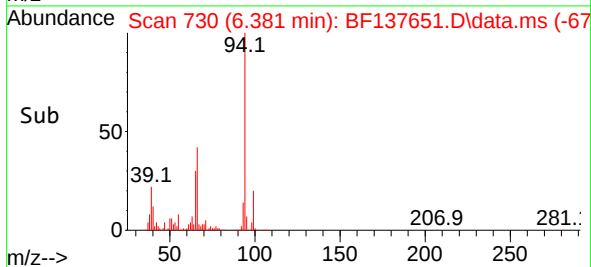
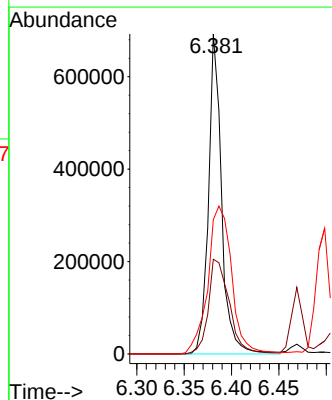
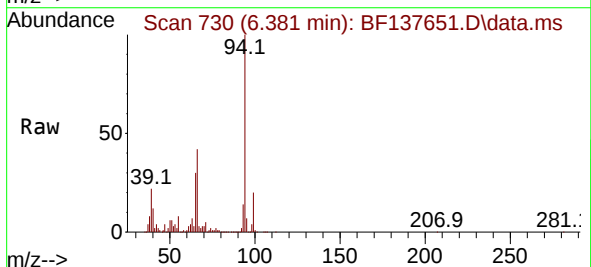
Tgt Ion: 94 Resp: 668581

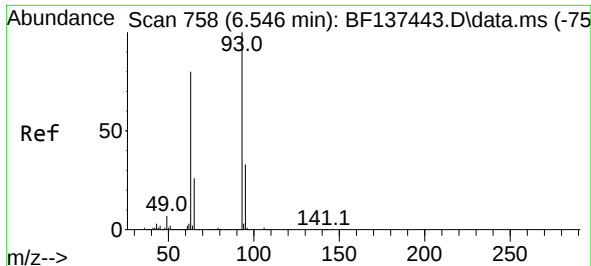
Ion Ratio Lower Upper

94 100

65 29.6 8.7 48.7

66 42.0 18.6 58.6

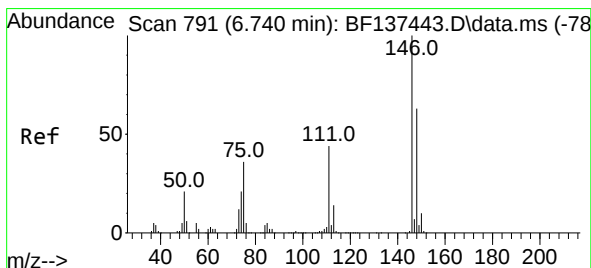
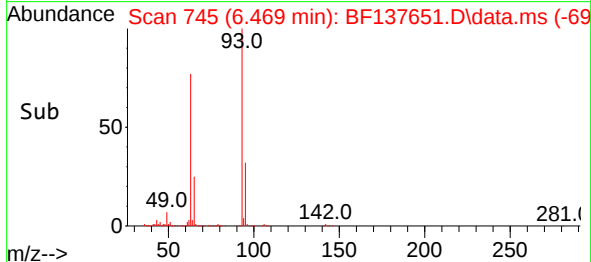
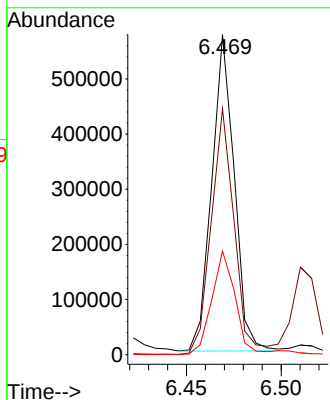
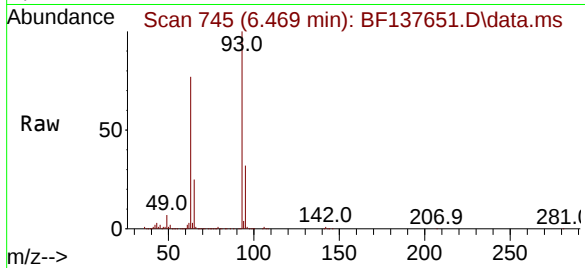




#11  
bis(2-Chloroethyl)ether  
Concen: 35.575 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

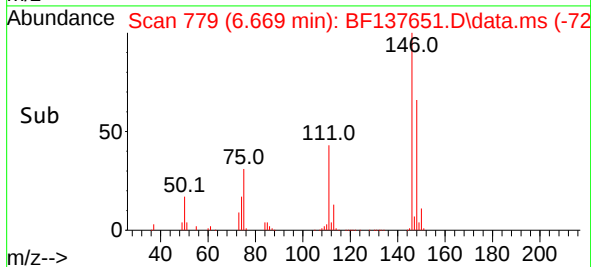
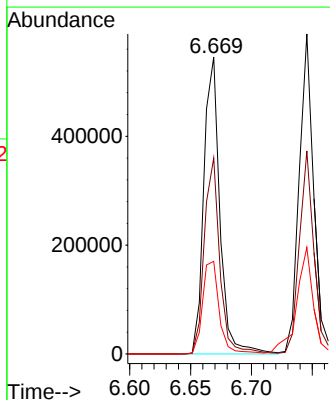
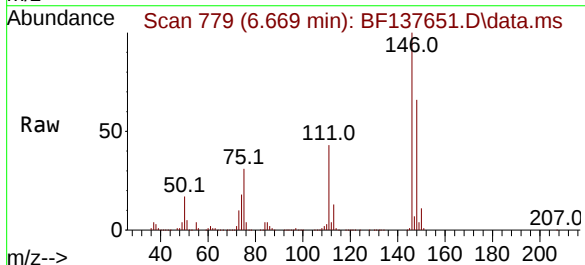
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

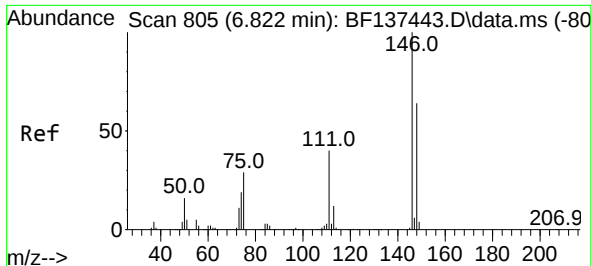
Tgt Ion: 93 Resp: 474843  
Ion Ratio Lower Upper  
93 100  
63 76.8 58.9 98.9  
95 32.4 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 37.676 ng  
RT: 6.669 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:146 Resp: 497830  
Ion Ratio Lower Upper  
146 100  
148 66.0 50.3 75.5  
75 31.2 29.0 43.4

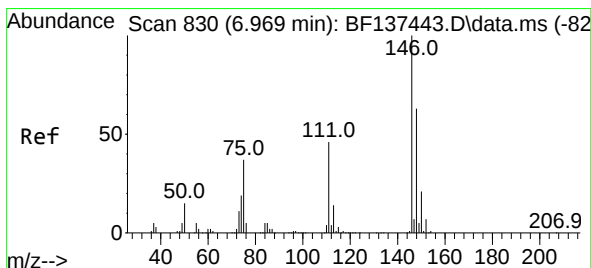
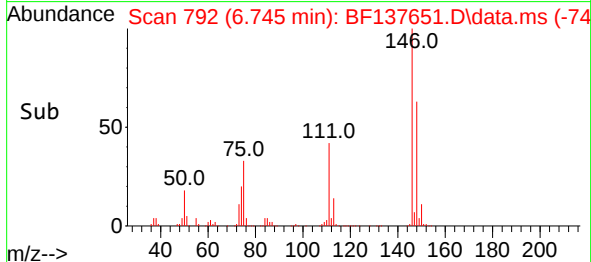
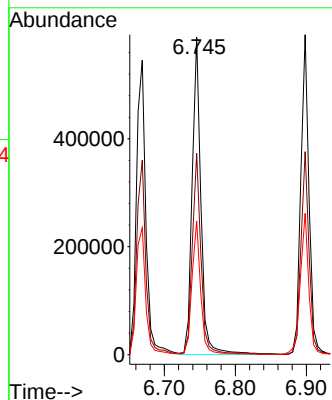
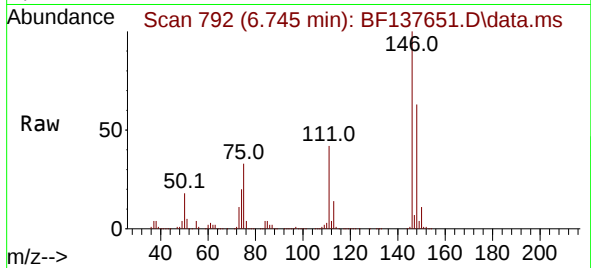




#13  
1,4-Dichlorobenzene  
Concen: 37.675 ng  
RT: 6.745 min Scan# 791  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

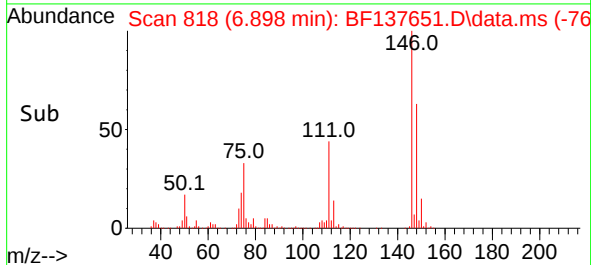
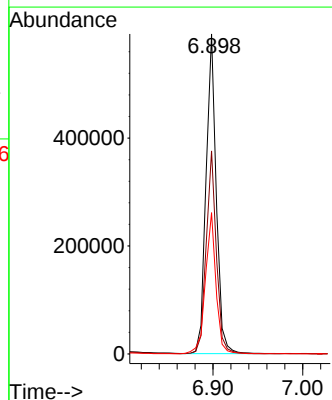
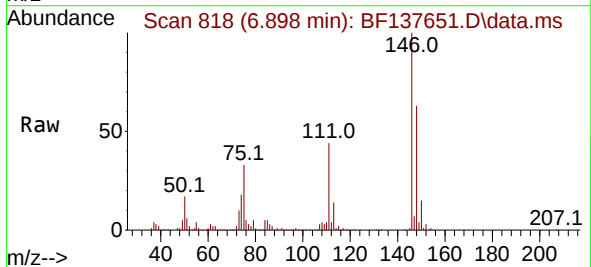
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

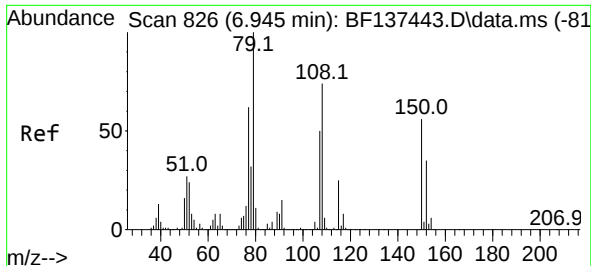
Tgt Ion:146 Resp: 509343  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.2 76.8  
111 42.2 32.4 48.6



#14  
1,2-Dichlorobenzene  
Concen: 37.752 ng  
RT: 6.898 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:146 Resp: 468467  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.0 75.0  
111 44.2 36.8 55.2

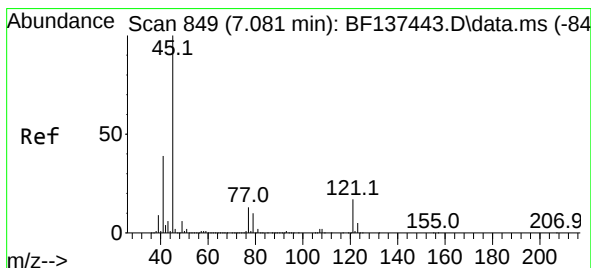
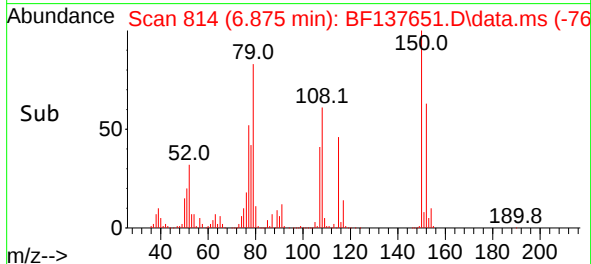
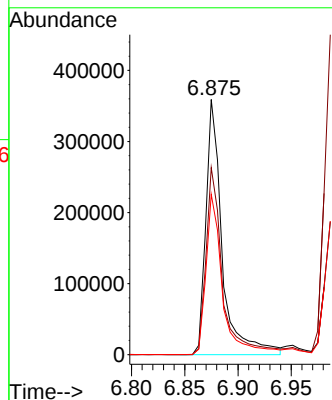
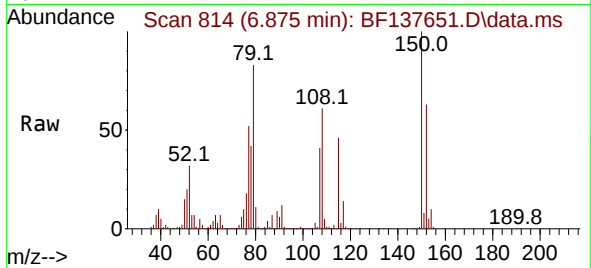




#15  
Benzyl Alcohol  
Concen: 36.557 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

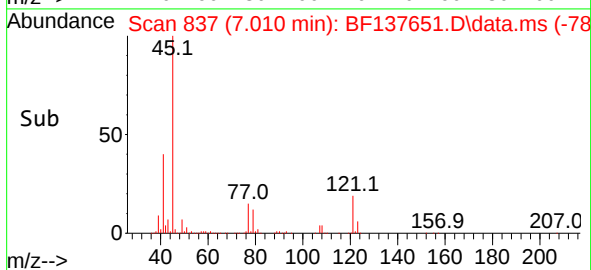
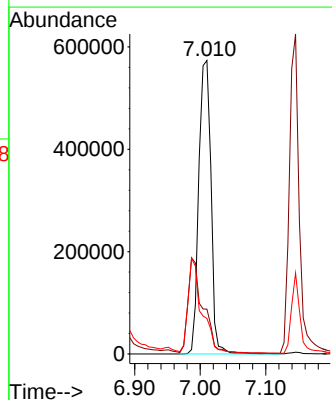
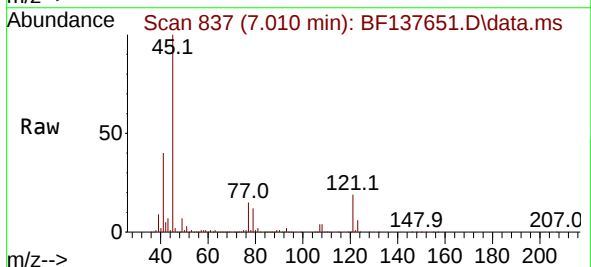
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

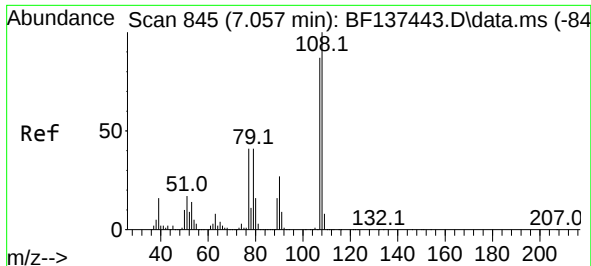
Tgt Ion: 79 Resp: 385148  
Ion Ratio Lower Upper  
79 100  
108 73.3 59.5 89.3  
77 62.8 50.0 75.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 32.384 ng  
RT: 7.010 min Scan# 837  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion: 45 Resp: 742994  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 33.4  
79 12.1 0.0 30.9

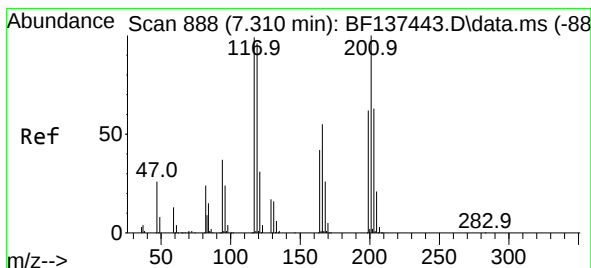
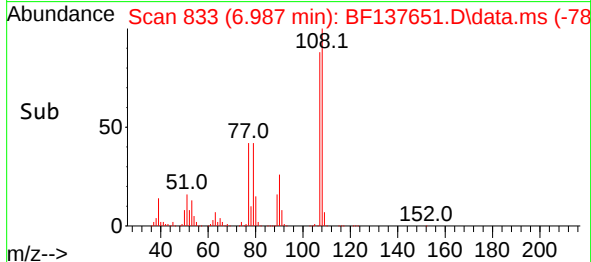
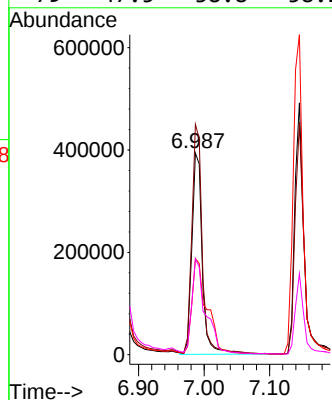
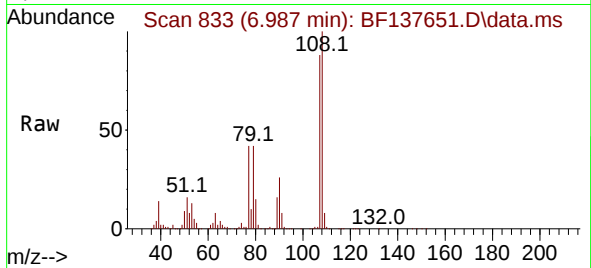




#17  
2-Methylphenol  
Concen: 37.603 ng  
RT: 6.987 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

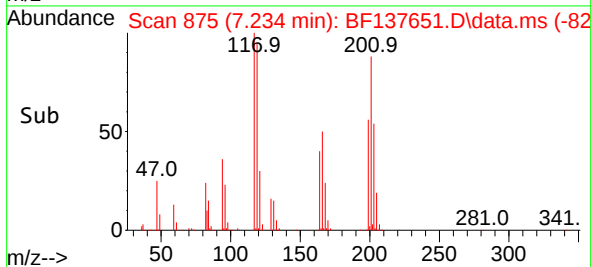
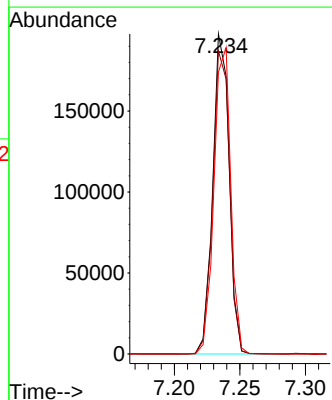
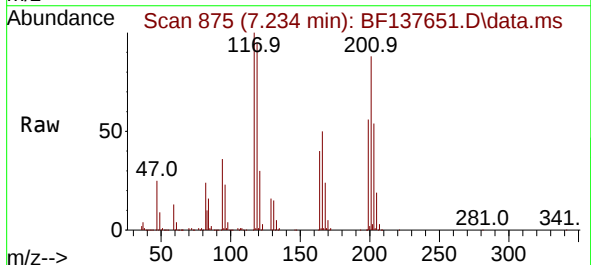
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 435093  
Ion Ratio Lower Upper  
107 100  
108 114.3 92.2 138.4  
77 47.7 38.6 57.8  
79 47.5 38.8 58.2



#18  
Hexachloroethane  
Concen: 38.753 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:117 Resp: 172510  
Ion Ratio Lower Upper  
117 100  
119 94.7 77.5 116.3  
201 88.1 80.6 121.0



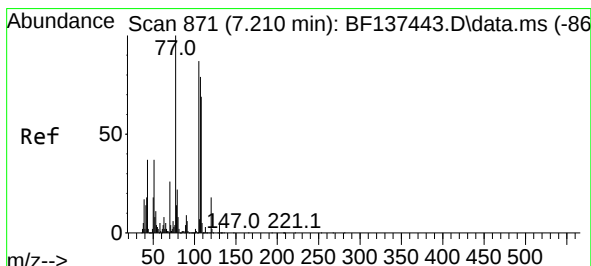
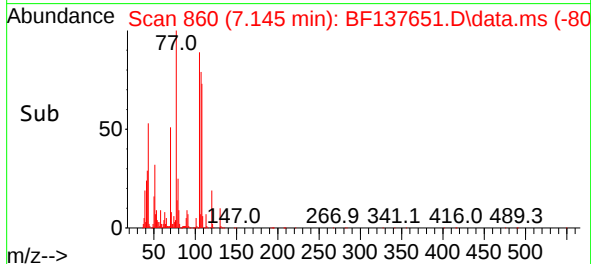
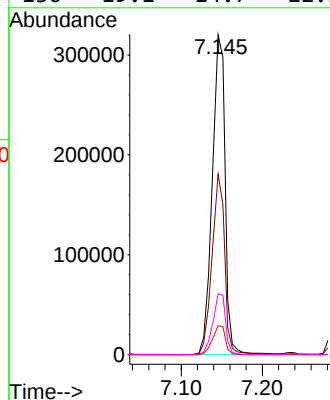
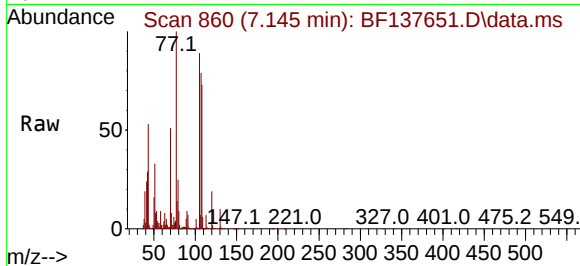


#19  
n-Nitroso-di-n-propylamine  
Concen: 33.784 ng  
RT: 7.145 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 353046

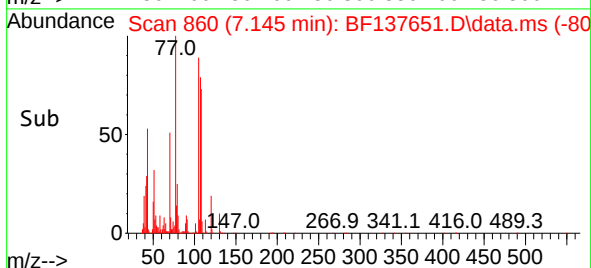
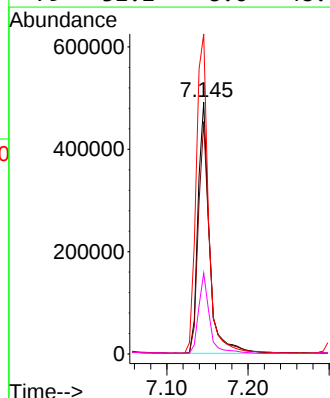
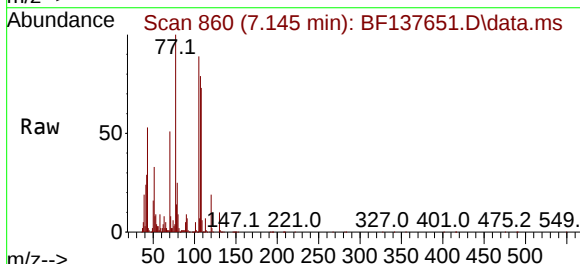
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.4  | 45.2  | 67.8  |
| 101 | 9.1   | 7.3   | 10.9  |
| 130 | 19.1  | 14.7  | 22.1  |

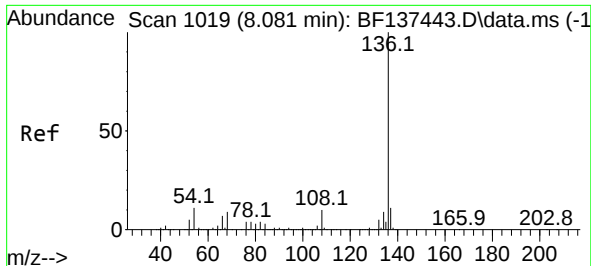


#20  
3+4-Methylphenols  
Concen: 36.433 ng  
RT: 7.145 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion: 107 Resp: 482802

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 92.2  | 67.6  | 107.6 |
| 77  | 127.1 | 107.1 | 147.1 |
| 79  | 32.2  | 8.6   | 48.6  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.010 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

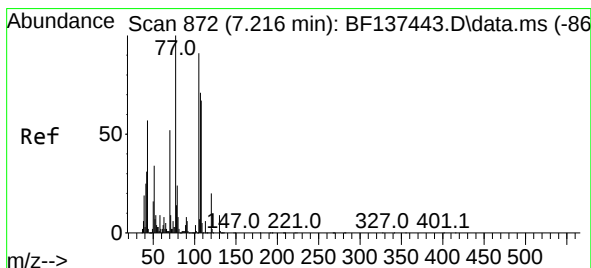
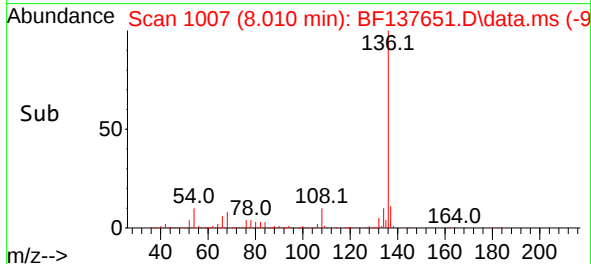
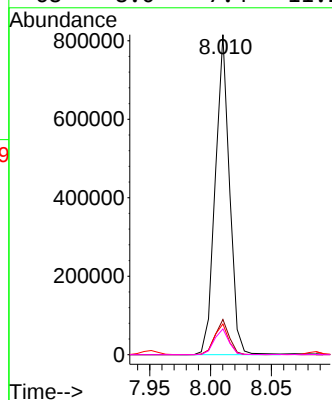
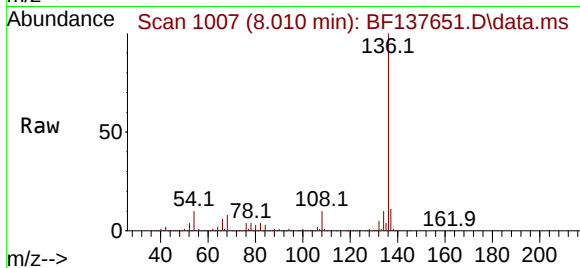
Instrument :

BNA\_F

ClientSampleId :

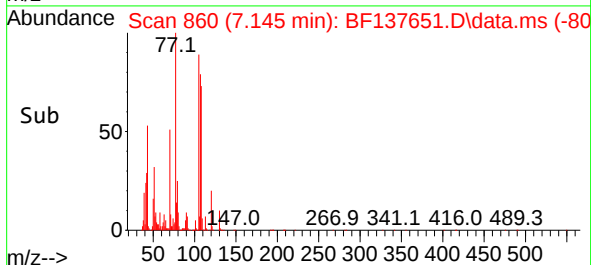
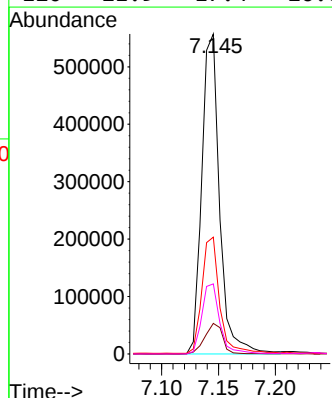
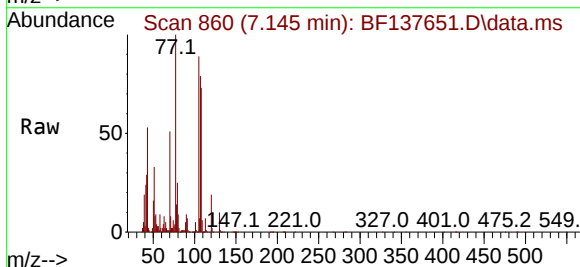
SSTDCCC040

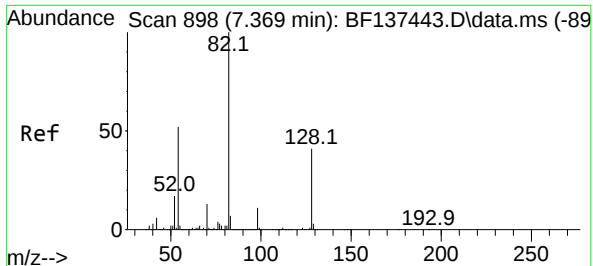
Tgt Ion:136 Resp: 664213  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 9.6 8.5 12.7  
68 8.0 7.4 11.2



#22  
Acetophenone  
Concen: 37.726 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:105 Resp: 606284  
Ion Ratio Lower Upper  
105 100  
71 9.5 7.7 11.5  
51 36.5 30.4 45.6  
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 75.664 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

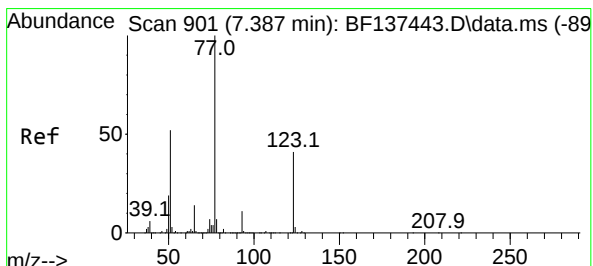
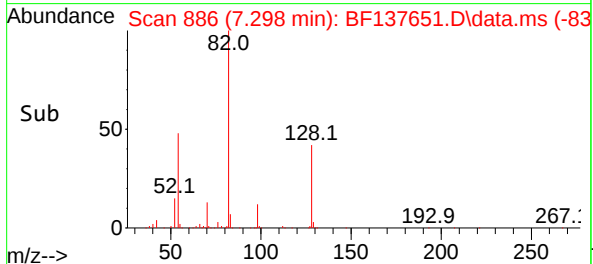
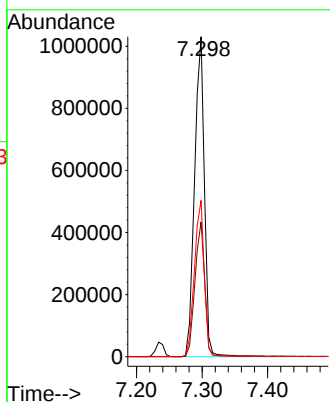
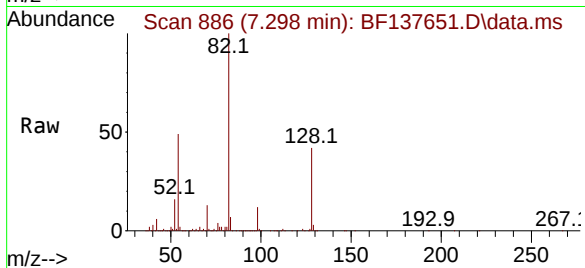
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1081634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.2  | 32.5  | 48.7  |
| 54  | 48.8  | 41.5  | 62.3  |



#24

Nitrobenzene

Concen: 38.133 ng

RT: 7.316 min Scan# 889

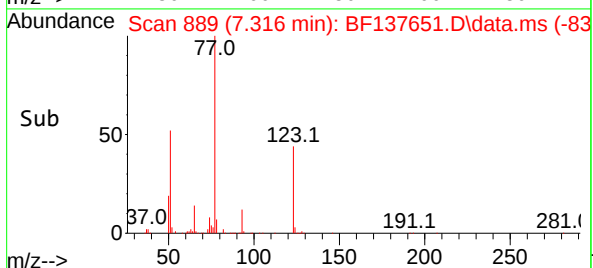
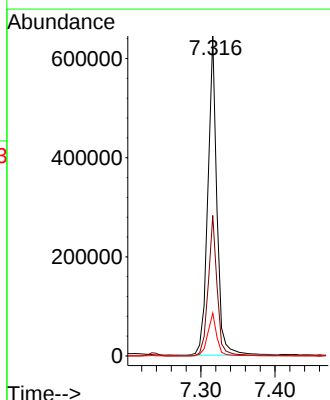
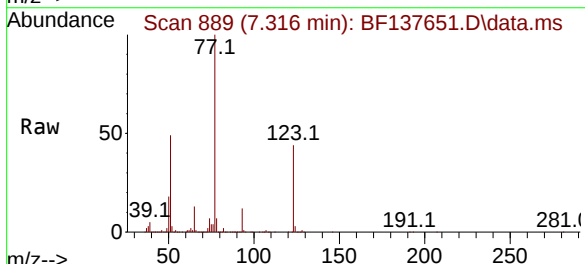
Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Tgt Ion: 77 Resp: 547599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 43.9  | 33.0  | 49.6  |
| 65  | 13.4  | 10.9  | 16.3  |

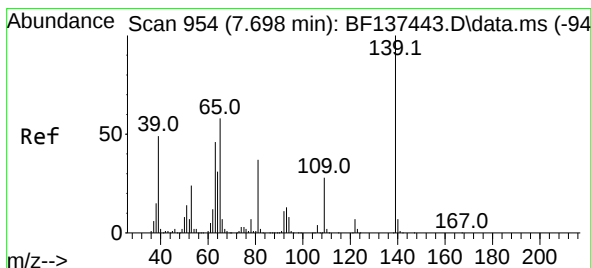
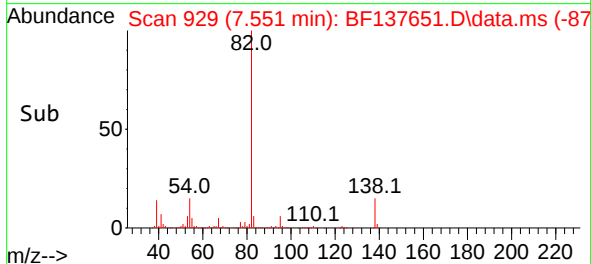
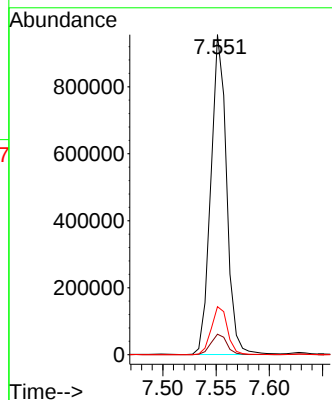
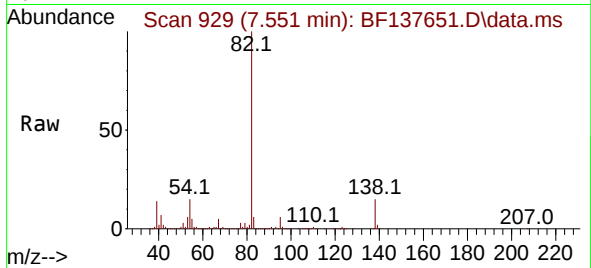




#25  
Isophorone  
Concen: 36.235 ng  
RT: 7.551 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

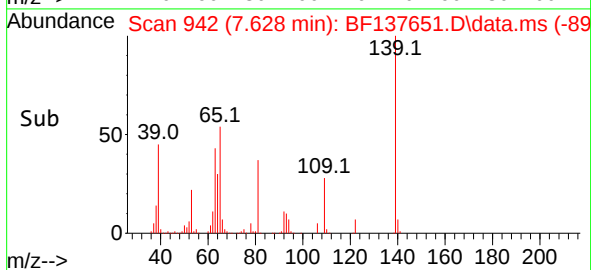
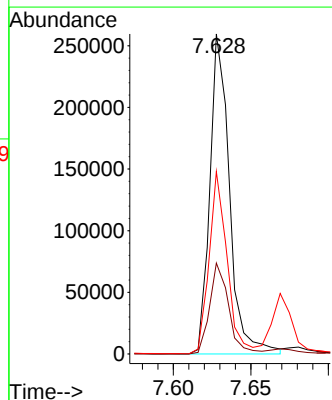
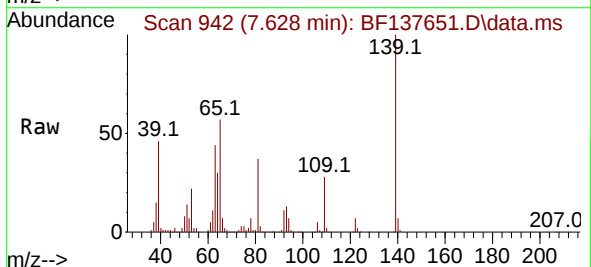
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

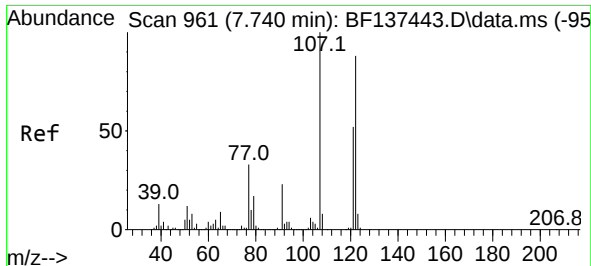
Tgt Ion: 82 Resp: 984081  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 15.0 11.8 17.8



#26  
2-Nitrophenol  
Concen: 40.128 ng  
RT: 7.628 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:139 Resp: 228778  
Ion Ratio Lower Upper  
139 100  
109 28.4 22.2 33.4  
65 57.0 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.968 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

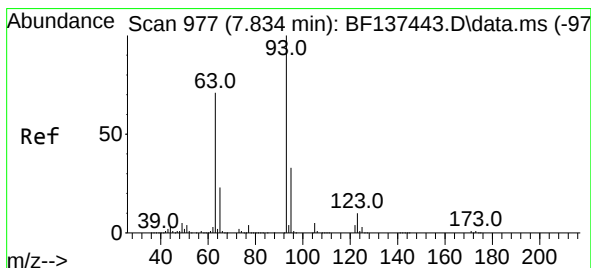
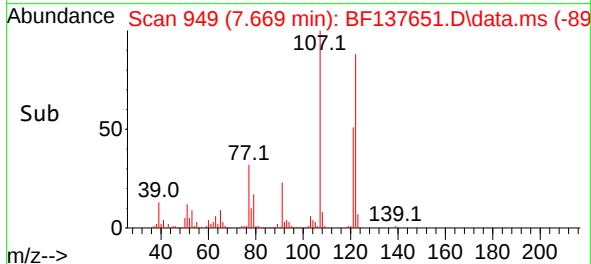
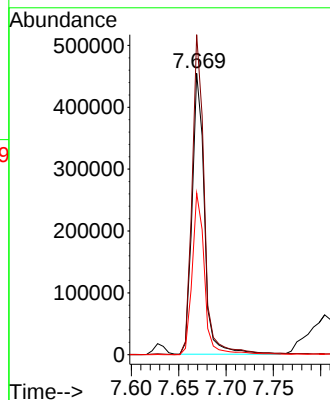
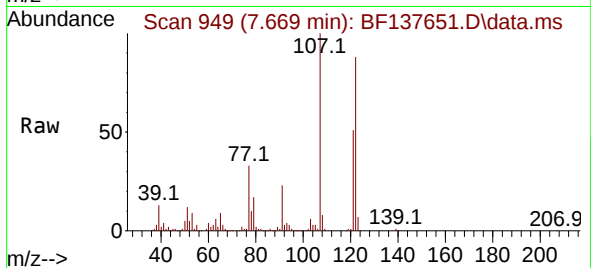
Tgt Ion:122 Resp: 415124

Ion Ratio Lower Upper

122 100

107 113.7 90.9 136.3

121 57.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.088 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

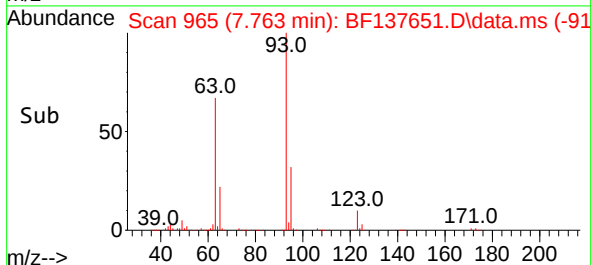
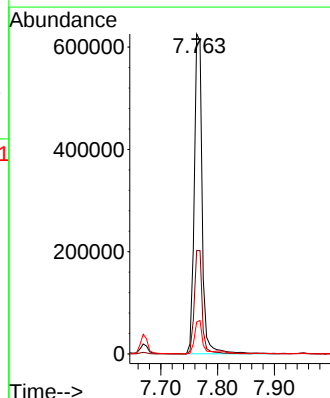
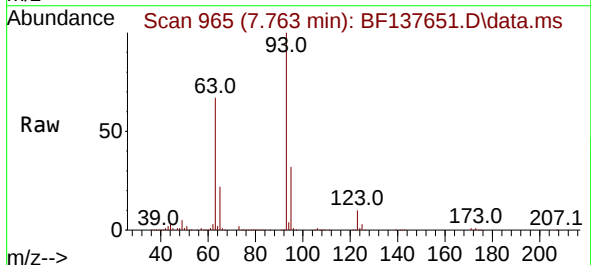
Tgt Ion: 93 Resp: 606925

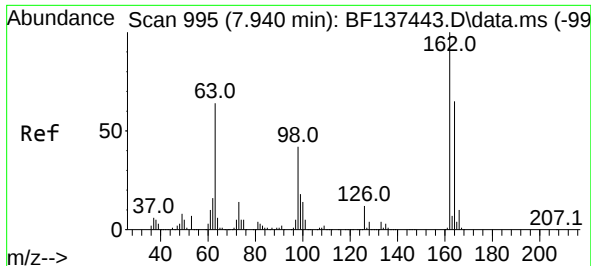
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 39.768 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

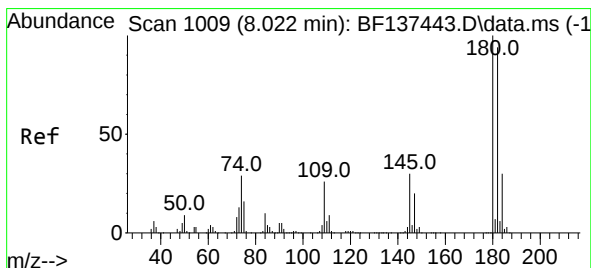
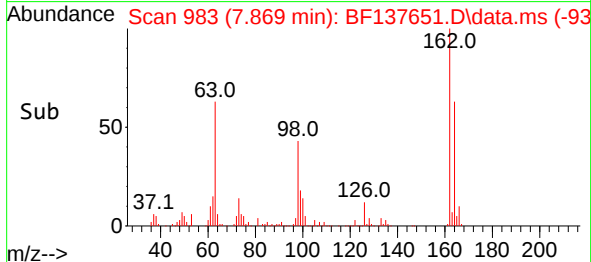
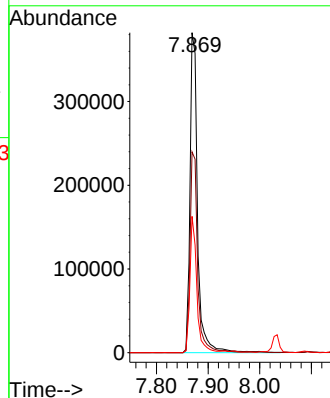
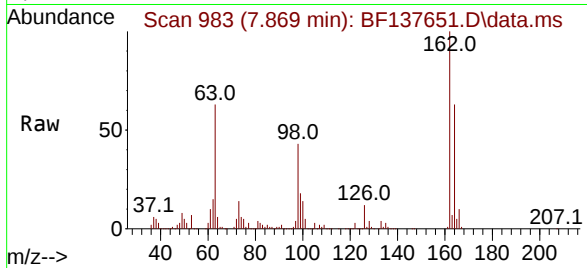
Tgt Ion:162 Resp: 388813

Ion Ratio Lower Upper

162 100

164 62.8 44.7 84.7

98 42.6 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 39.156 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

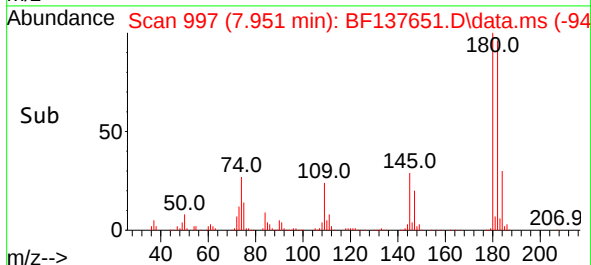
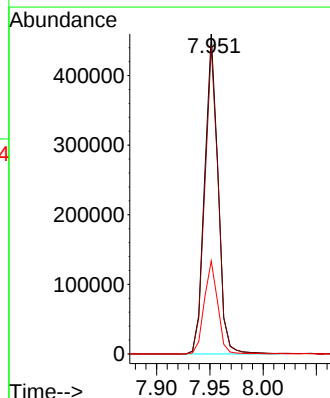
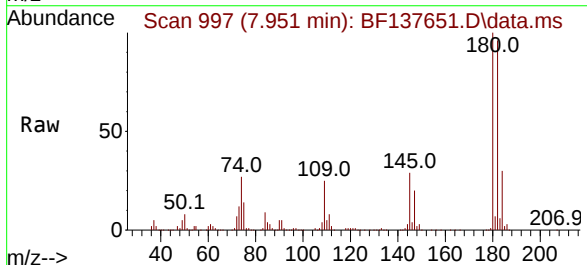
Tgt Ion:180 Resp: 402863

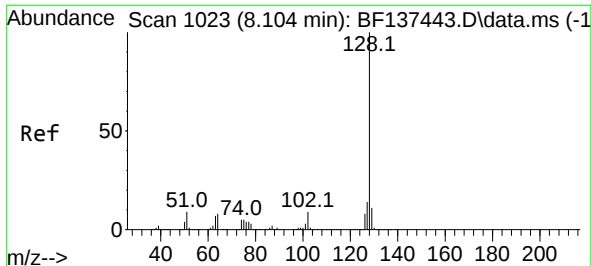
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

145 29.0 23.7 35.5

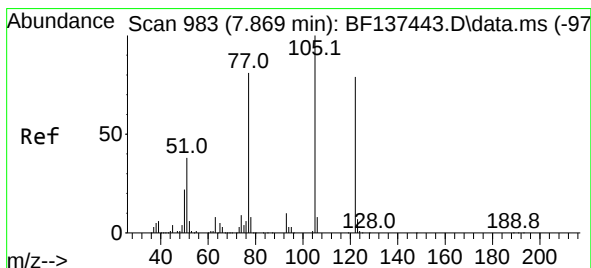
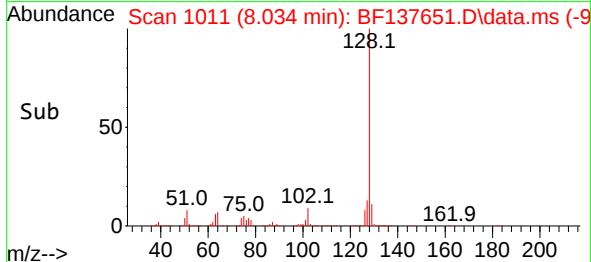
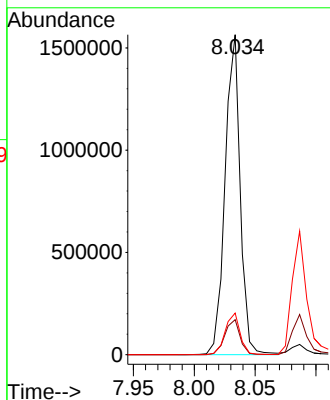
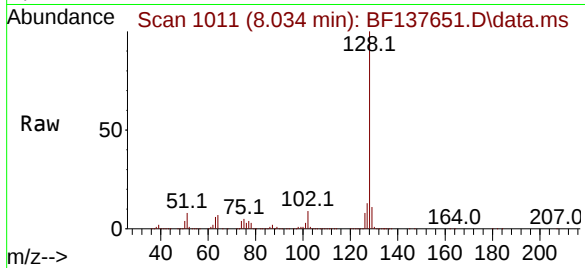




#31  
Naphthalene  
Concen: 37.982 ng  
RT: 8.034 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

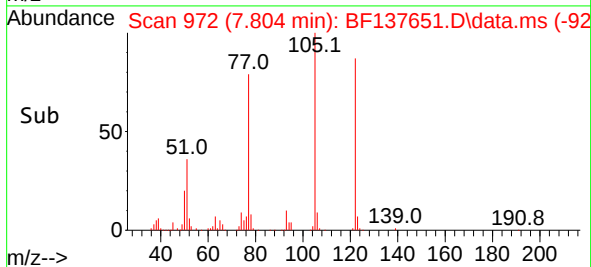
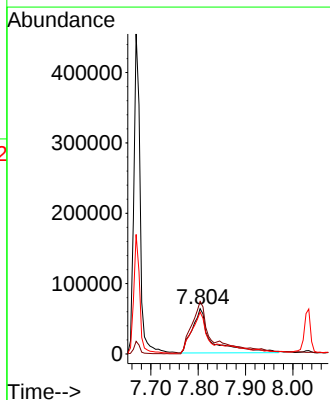
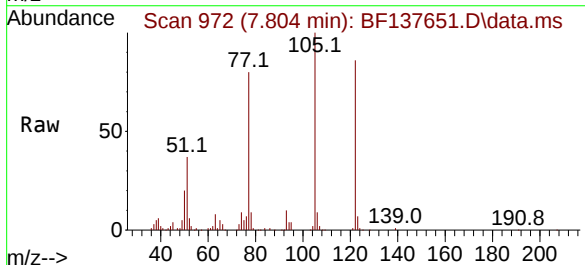
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

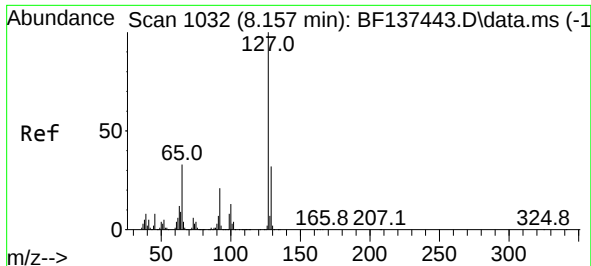
Tgt Ion:128 Resp: 1353590  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.2 13.8  
127 13.0 10.8 16.2



#32  
Benzoic acid  
Concen: 31.786 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:122 Resp: 179975  
Ion Ratio Lower Upper  
122 100  
105 116.1 102.4 142.4  
77 92.7 81.1 121.1

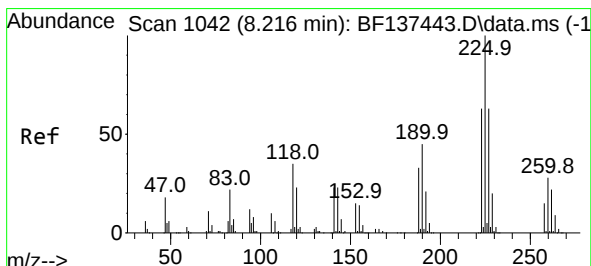
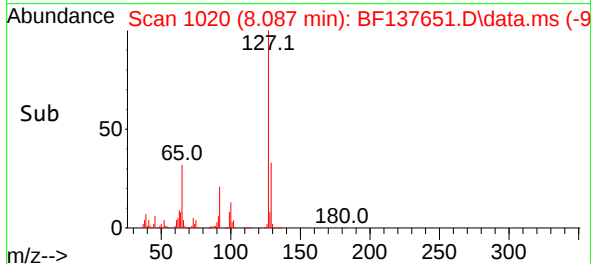
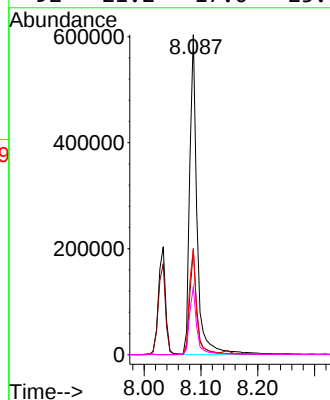
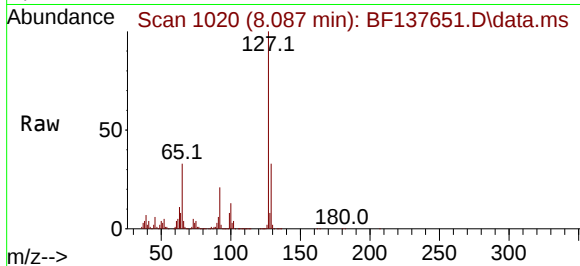




#33  
4-Chloroaniline  
Concen: 38.961 ng  
RT: 8.087 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

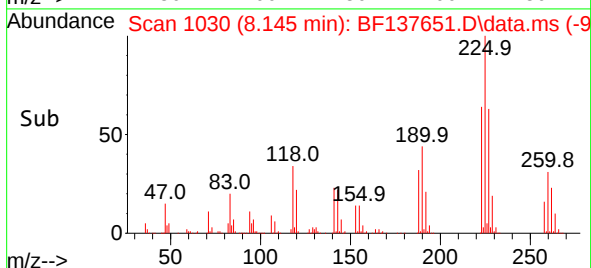
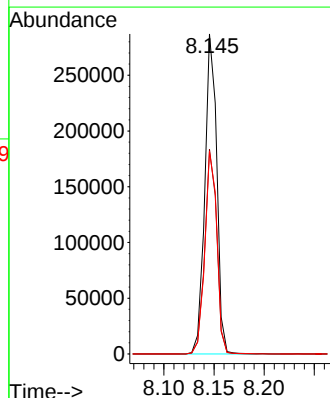
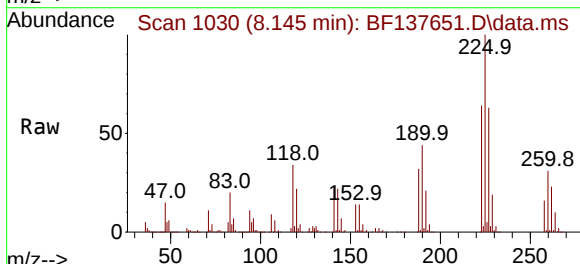
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

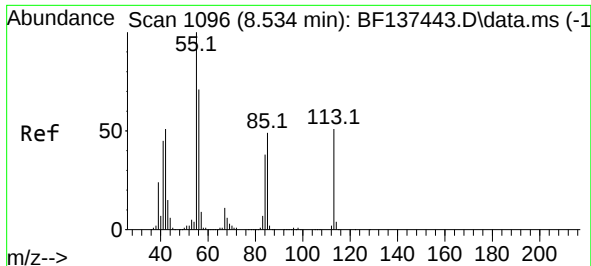
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 544442 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 32.6    | 26.0  | 39.0   |
| 65  | 33.2    | 26.8  | 40.2   |
| 92  | 21.2    | 17.0  | 25.6   |



#34  
Hexachlorobutadiene  
Concen: 39.384 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 239225 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 64.0    | 50.7 76.1    |
| 227 63.3    | 50.6 75.8    |

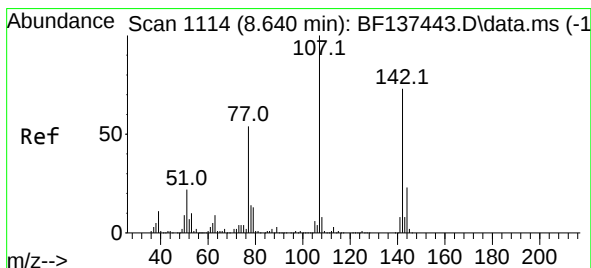
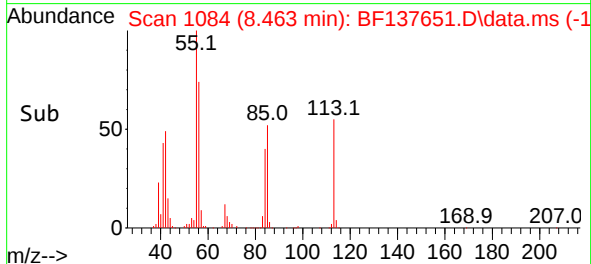
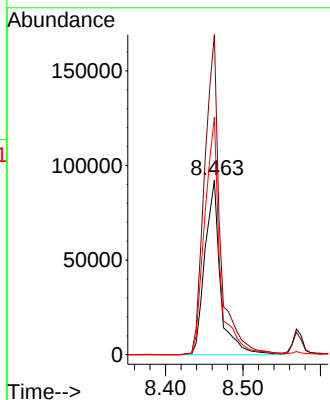
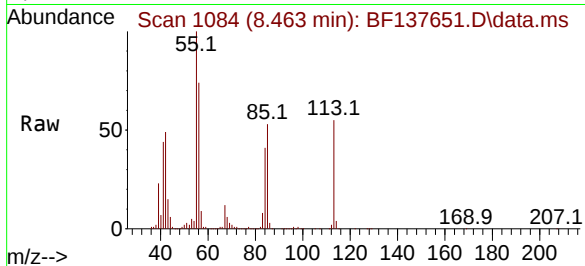




#35  
 Caprolactam  
 Concen: 38.615 ng  
 RT: 8.463 min Scan# 1102  
 Delta R.T. 0.006 min  
 Lab File: BF137651.D  
 Acq: 20 Mar 2024 13:11

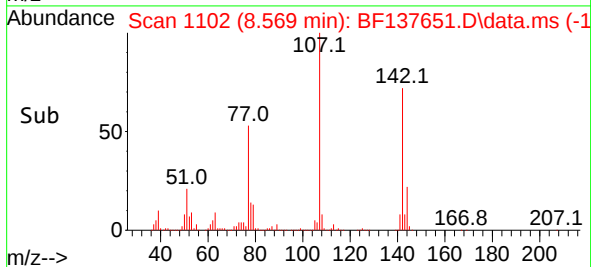
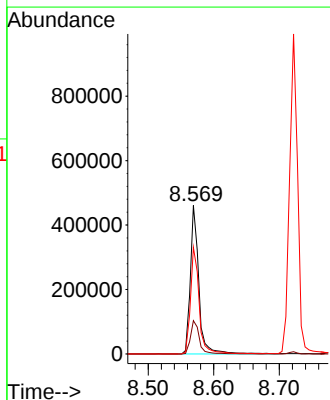
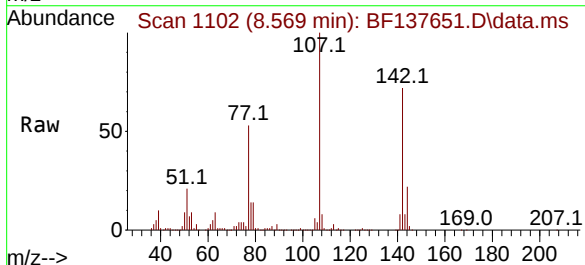
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

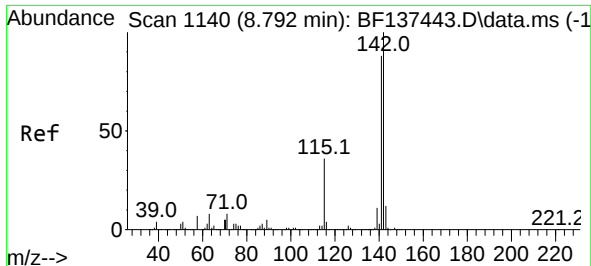
Tgt Ion:113 Resp: 128017  
 Ion Ratio Lower Upper  
 113 100  
 55 183.4 176.7 216.7  
 56 136.1 120.6 160.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.053 ng  
 RT: 8.569 min Scan# 1102  
 Delta R.T. -0.000 min  
 Lab File: BF137651.D  
 Acq: 20 Mar 2024 13:11

Tgt Ion:107 Resp: 415871  
 Ion Ratio Lower Upper  
 107 100  
 144 22.4 18.7 28.1  
 142 71.7 58.2 87.2





#37

2-Methylnaphthalene

Concen: 37.706 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

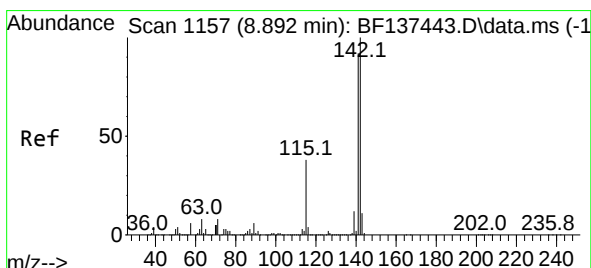
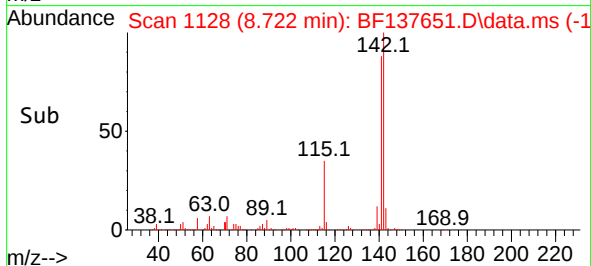
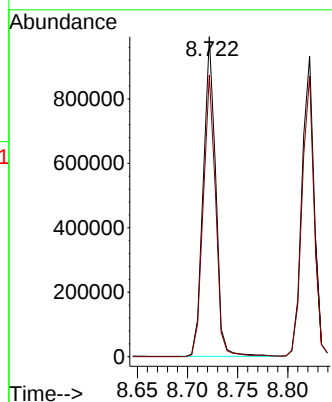
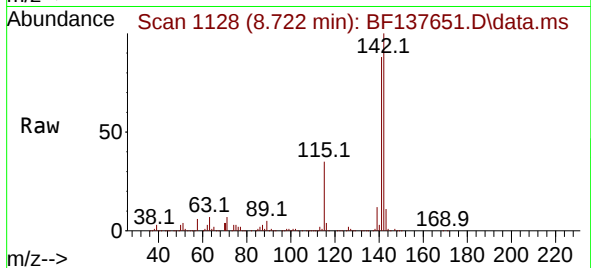
SSTDCCC040

Tgt Ion:142 Resp: 856627

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 36.842 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137651.D

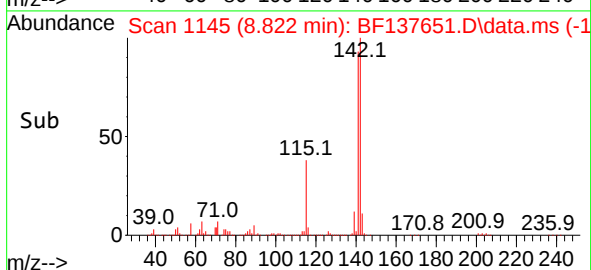
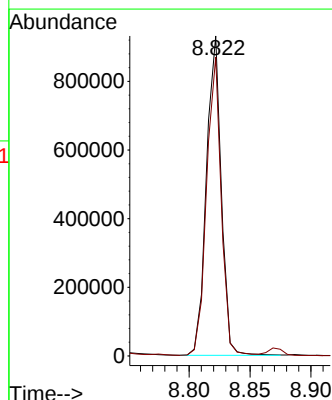
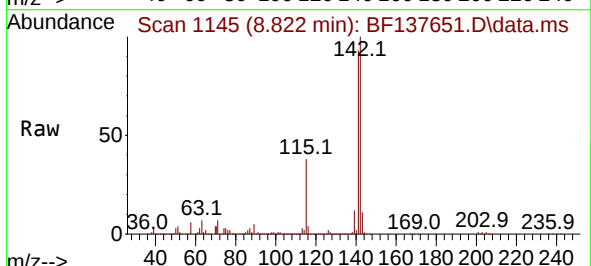
Acq: 20 Mar 2024 13:11

Tgt Ion:142 Resp: 788233

Ion Ratio Lower Upper

142 100

141 93.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

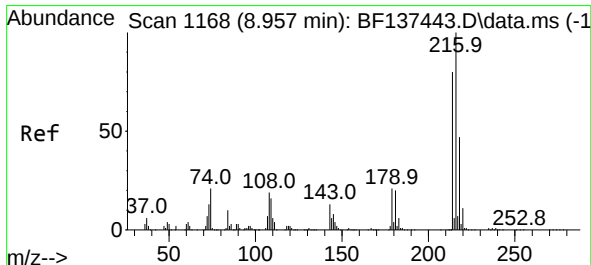
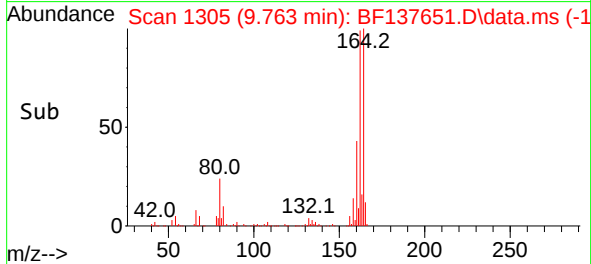
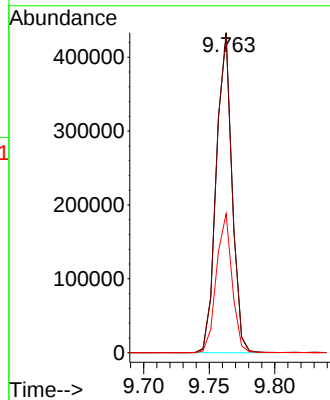
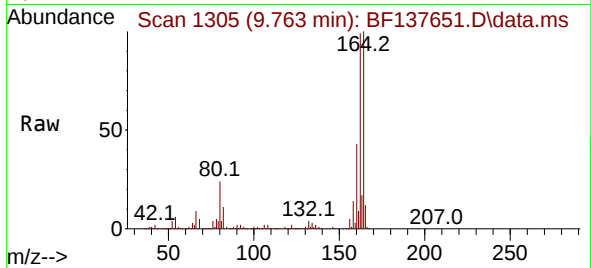
Tgt Ion:164 Resp: 360223

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

160 43.4 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.418 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Tgt Ion:216 Resp: 396407

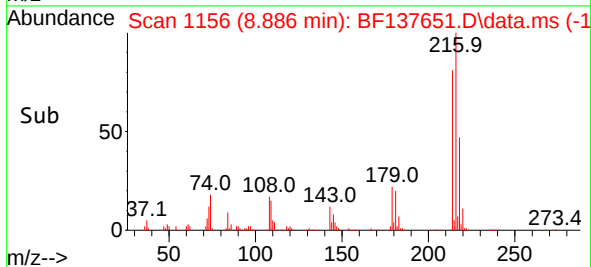
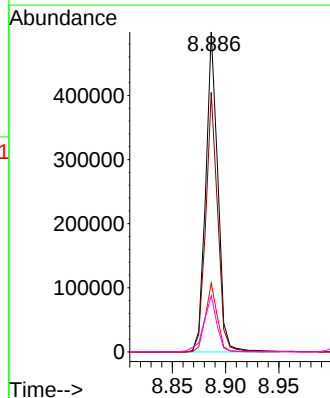
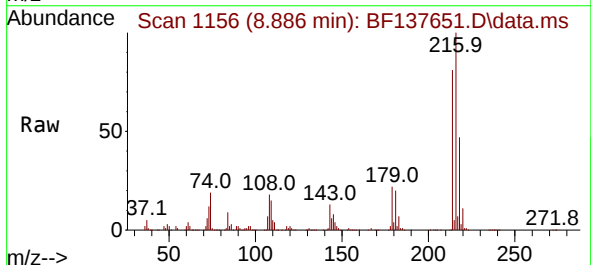
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 21.0 16.6 25.0

108 18.8 15.5 23.3

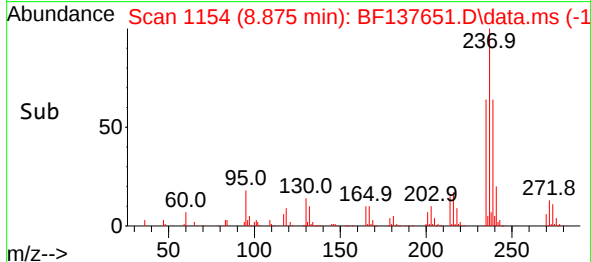
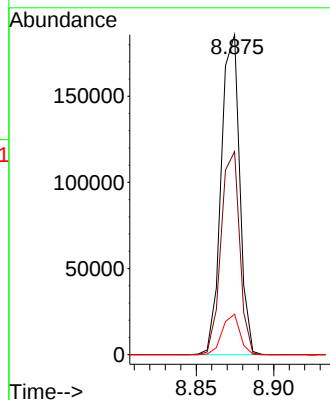
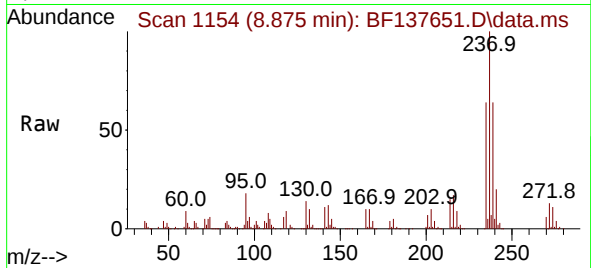




#41  
Hexachlorocyclopentadiene  
Concen: 42.005 ng  
RT: 8.875 min Scan# 1166  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

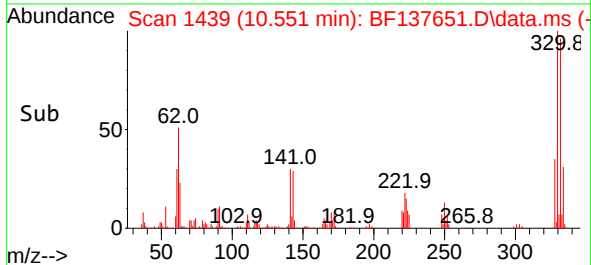
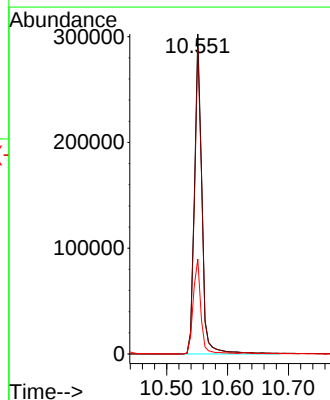
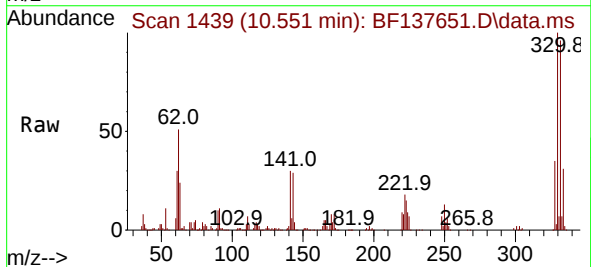
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

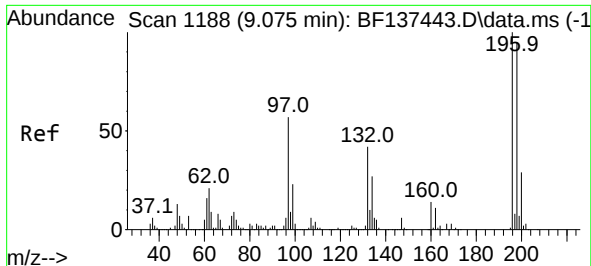
Tgt Ion:237 Resp: 154480  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.6 83.6  
272 12.6 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 80.805 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:330 Resp: 255617  
Ion Ratio Lower Upper  
330 100  
332 95.5 78.0 117.0  
141 30.8 27.3 40.9

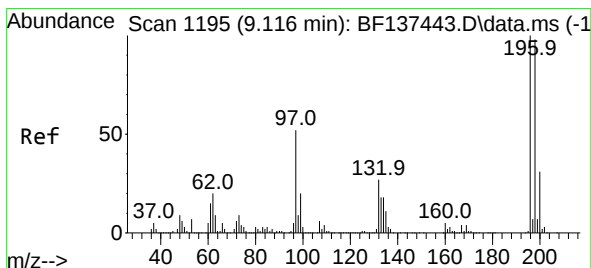
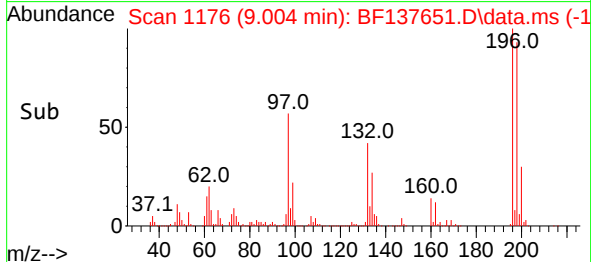
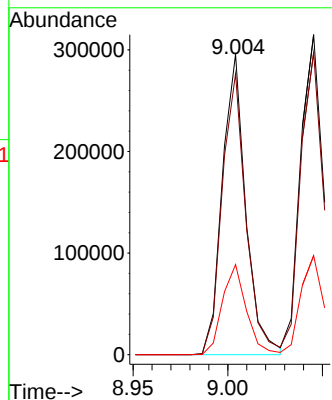
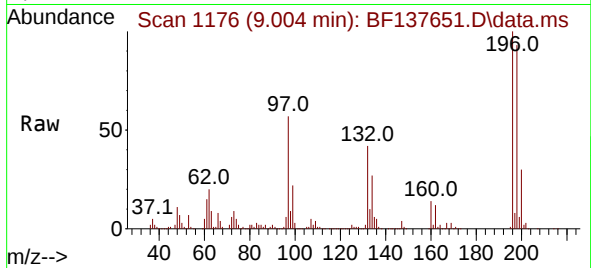




#43  
2,4,6-Trichlorophenol  
Concen: 38.905 ng  
RT: 9.004 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

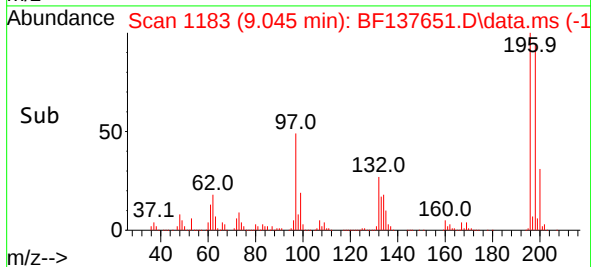
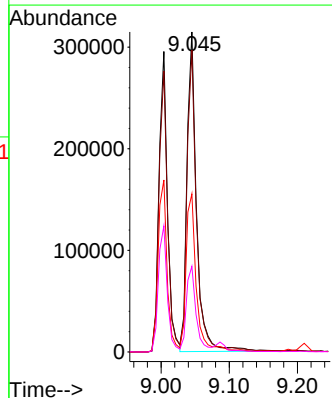
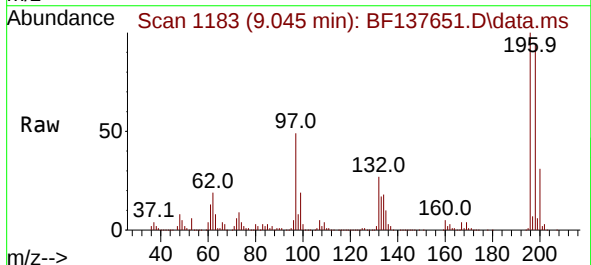
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

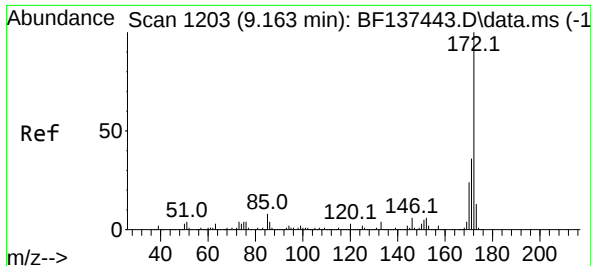
Tgt Ion:196 Resp: 254781  
Ion Ratio Lower Upper  
196 100  
198 93.5 75.8 113.8  
200 30.0 23.5 35.3



#44  
2,4,5-Trichlorophenol  
Concen: 40.428 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:196 Resp: 304988  
Ion Ratio Lower Upper  
196 100  
198 94.4 78.6 117.8  
97 49.4 41.8 62.8  
132 26.8 22.2 33.4

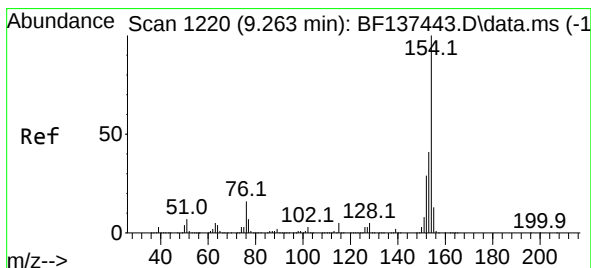
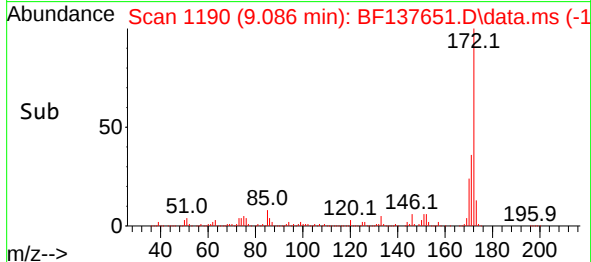
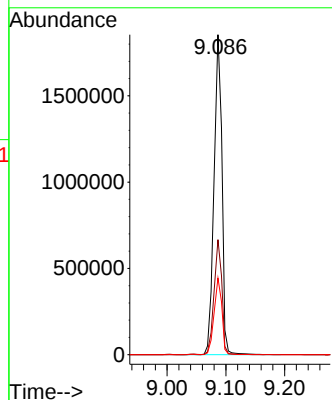
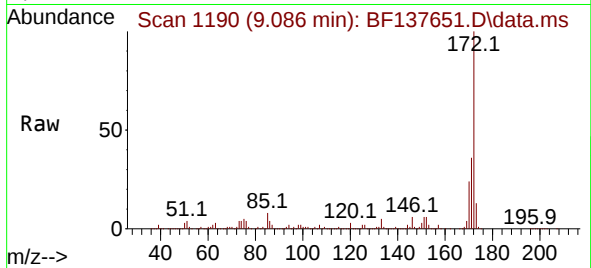




#45  
2-Fluorobiphenyl  
Concen: 75.255 ng  
RT: 9.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

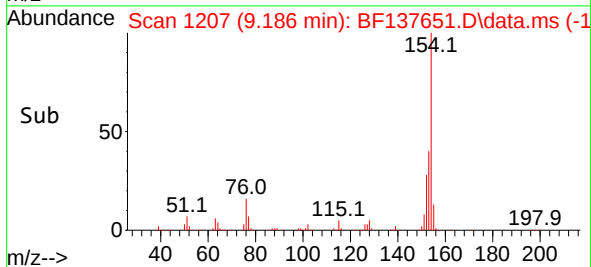
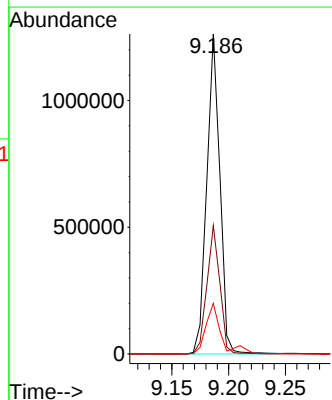
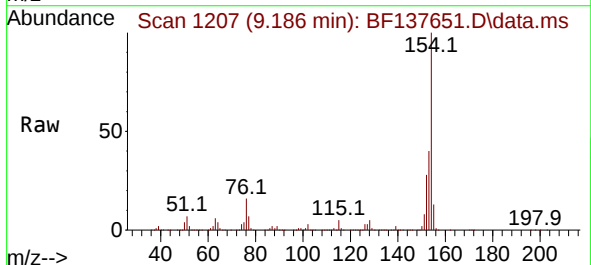
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

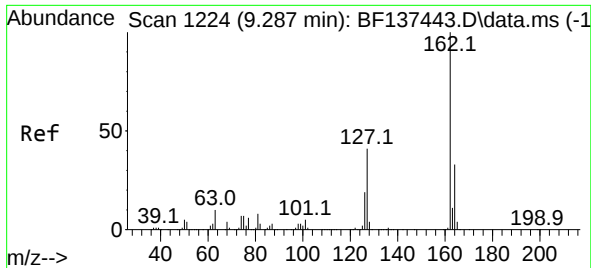
Tgt Ion:172 Resp: 1731771  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 24.0 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 38.315 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:154 Resp: 1010189  
Ion Ratio Lower Upper  
154 100  
153 40.1 21.0 61.0  
76 15.8 0.0 35.8

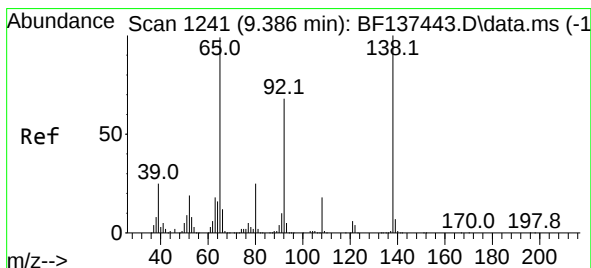
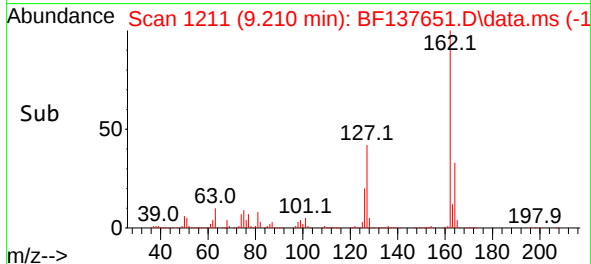
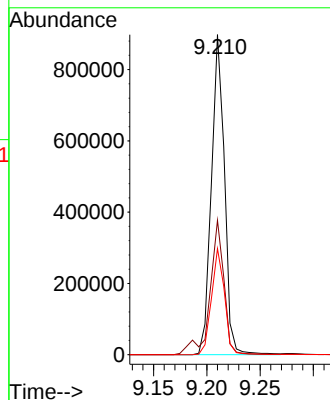
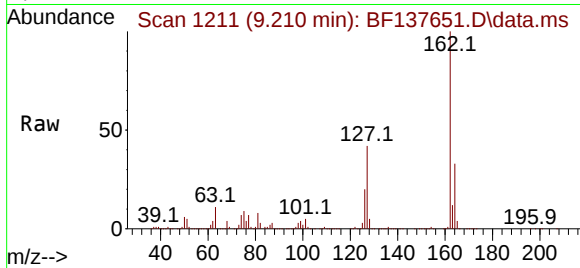




#47  
2-Chloronaphthalene  
Concen: 38.282 ng  
RT: 9.210 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

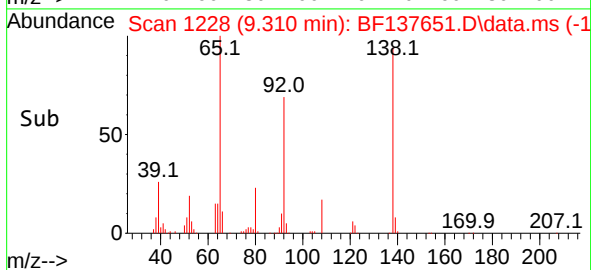
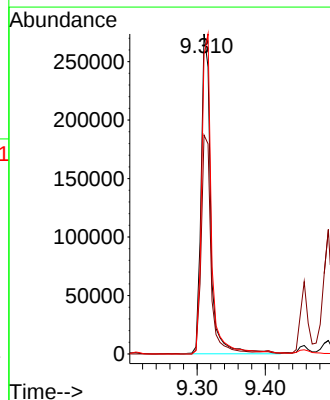
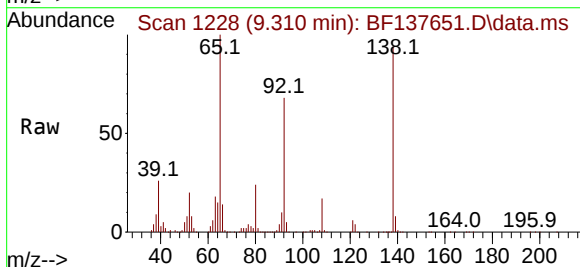
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

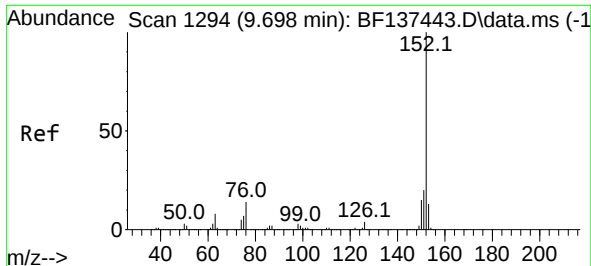
Tgt Ion:162 Resp: 769507  
Ion Ratio Lower Upper  
162 100  
127 42.0 32.6 49.0  
164 33.2 26.5 39.7



#48  
2-Nitroaniline  
Concen: 39.540 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion: 65 Resp: 270148  
Ion Ratio Lower Upper  
65 100  
92 68.4 55.4 83.2  
138 93.8 81.0 121.6





#49

Acenaphthylene

Concen: 37.722 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

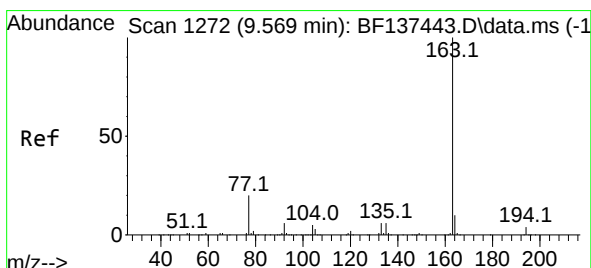
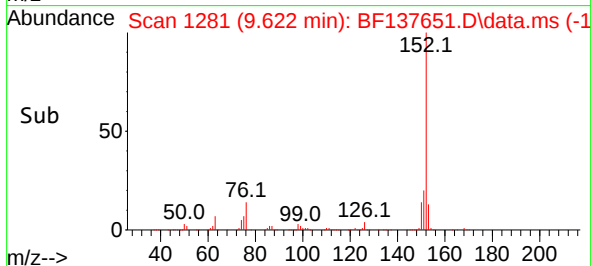
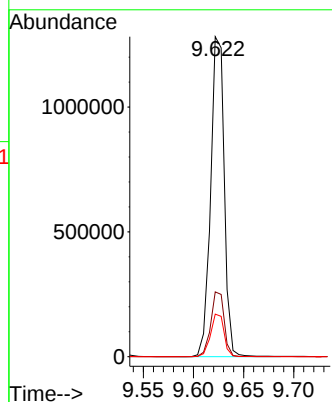
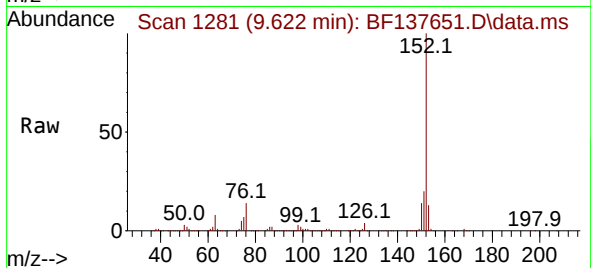
Tgt Ion:152 Resp: 1213463

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 37.907 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

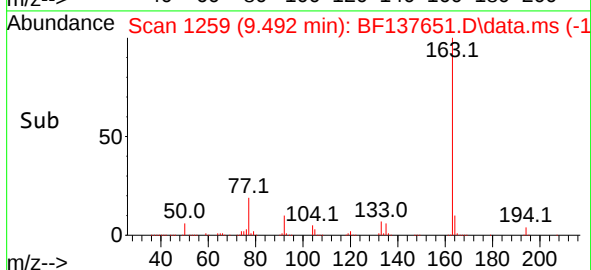
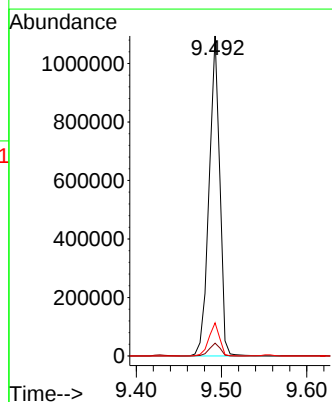
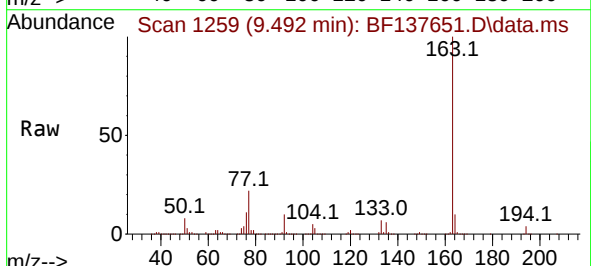
Tgt Ion:163 Resp: 950543

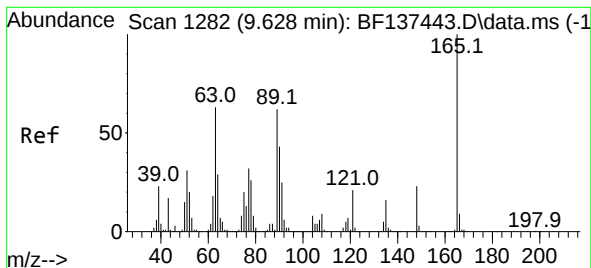
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.693 ng

RT: 9.557 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

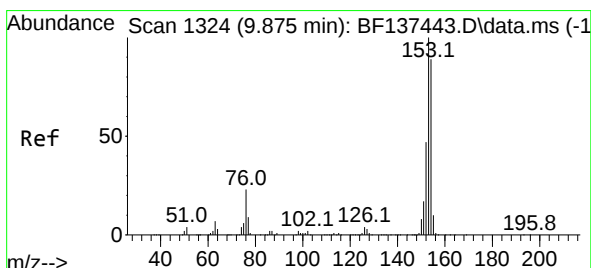
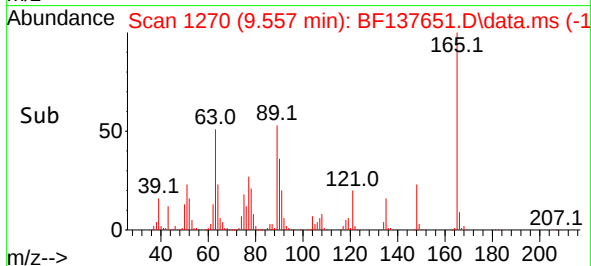
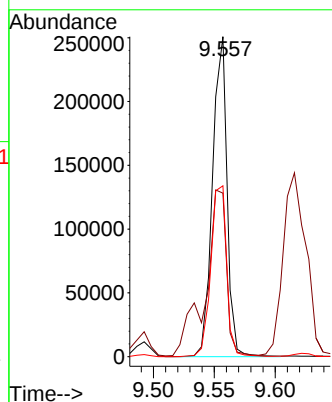
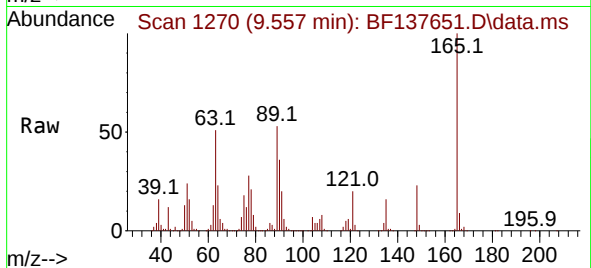
Tgt Ion:165 Resp: 208182

Ion Ratio Lower Upper

165 100

63 51.1 50.7 76.1

89 53.4 50.0 75.0



#52

Acenaphthene

Concen: 37.145 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

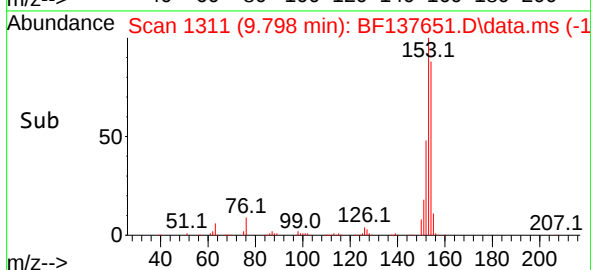
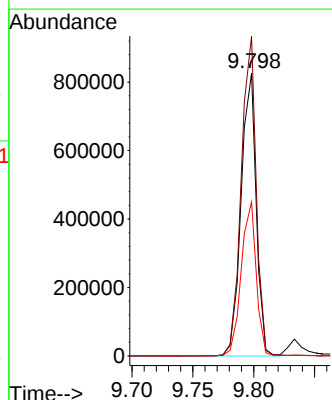
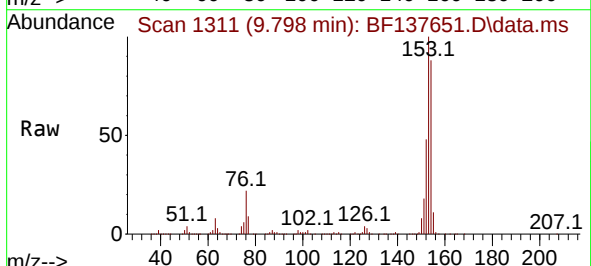
Tgt Ion:154 Resp: 713379

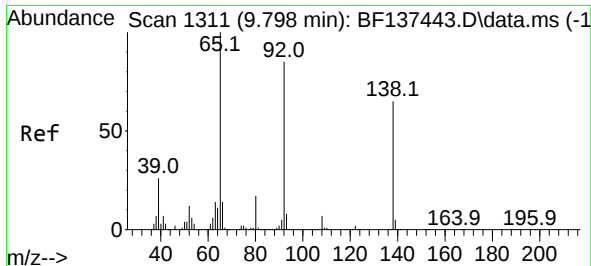
Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

152 54.5 42.7 64.1

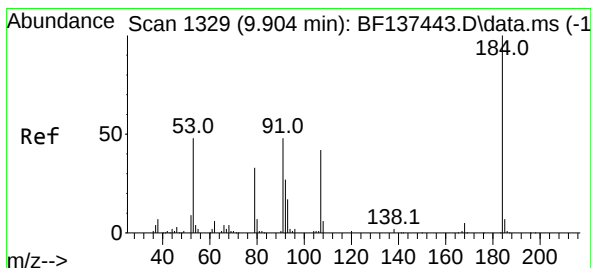
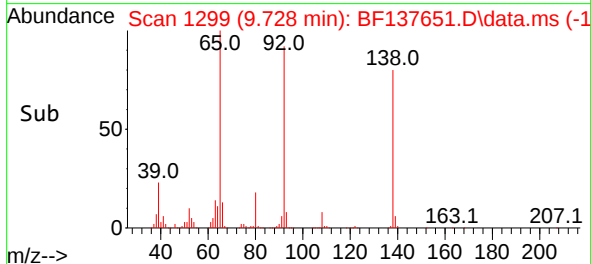
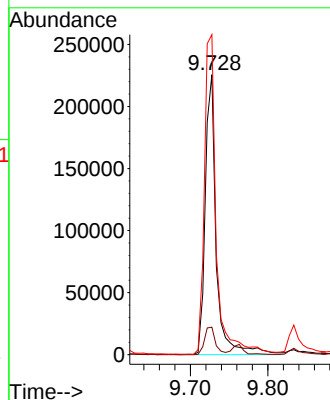
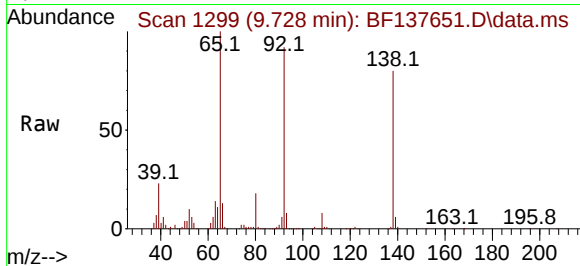




#53  
3-Nitroaniline  
Concen: 40.066 ng  
RT: 9.728 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

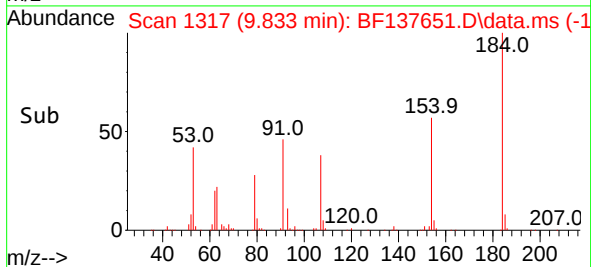
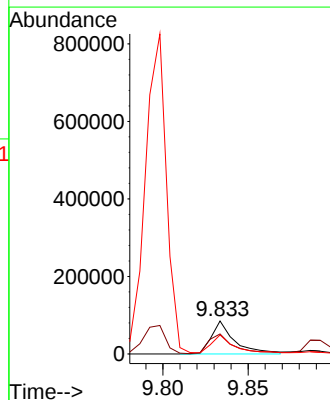
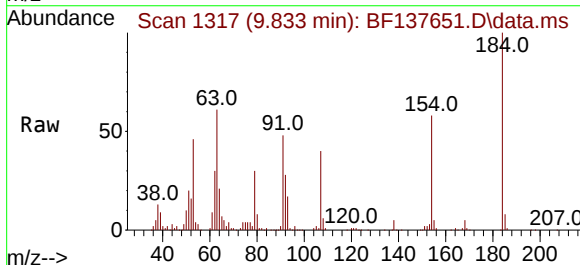
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

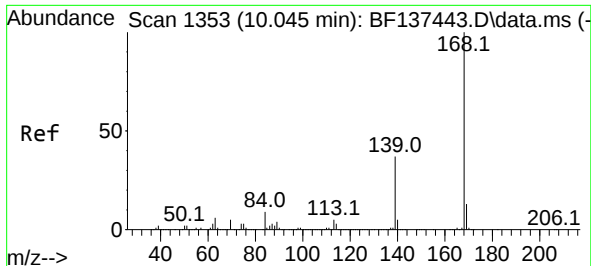
Tgt Ion:138 Resp: 222273  
Ion Ratio Lower Upper  
138 100  
108 9.8 9.1 13.7  
92 114.3 104.6 157.0



#54  
2,4-Dinitrophenol  
Concen: 36.260 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:184 Resp: 79936  
Ion Ratio Lower Upper  
184 100  
63 60.9 53.3 79.9  
154 57.6 47.4 71.0

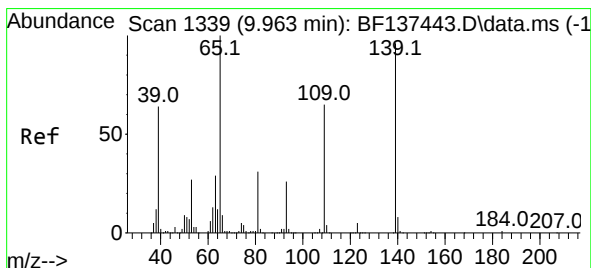
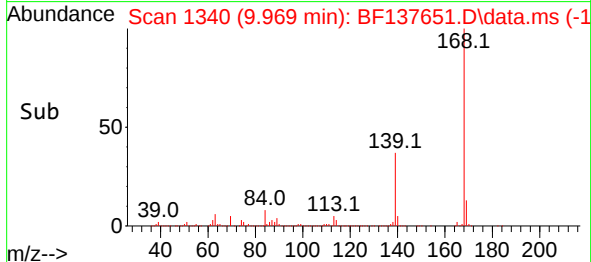
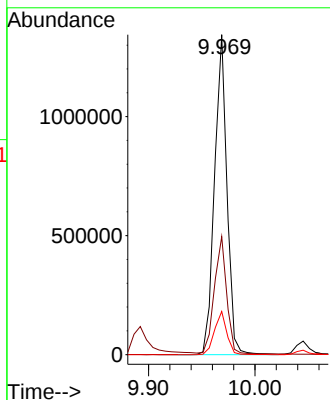
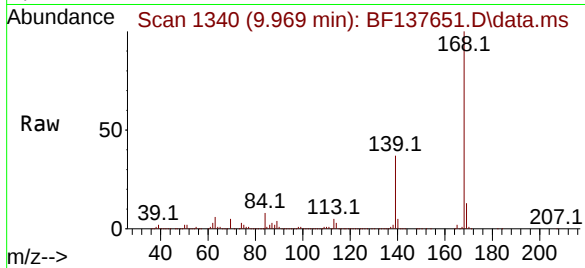




#55  
Dibenzofuran  
Concen: 37.106 ng  
RT: 9.969 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

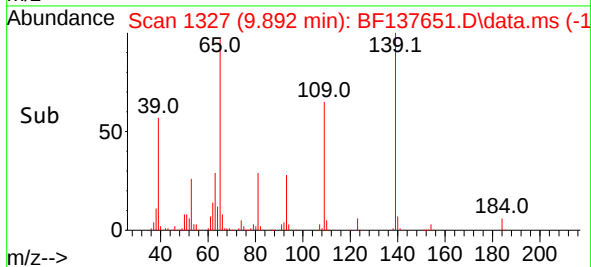
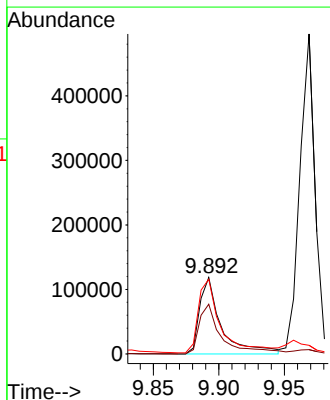
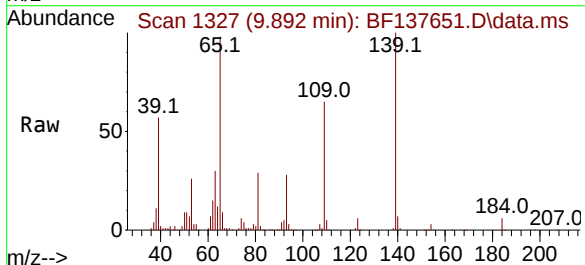
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

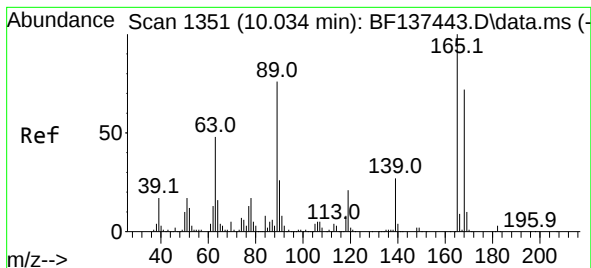
Tgt Ion:168 Resp: 1085377  
Ion Ratio Lower Upper  
168 100  
139 36.9 29.8 44.6  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 37.360 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:139 Resp: 137361  
Ion Ratio Lower Upper  
139 100  
109 65.1 47.1 87.1  
65 97.7 85.1 125.1

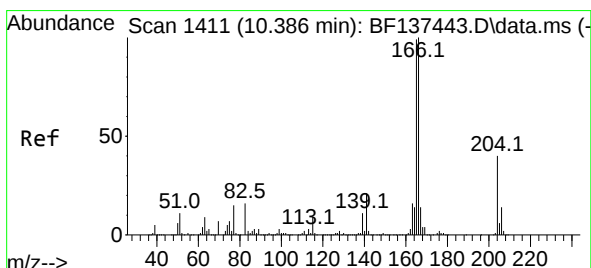
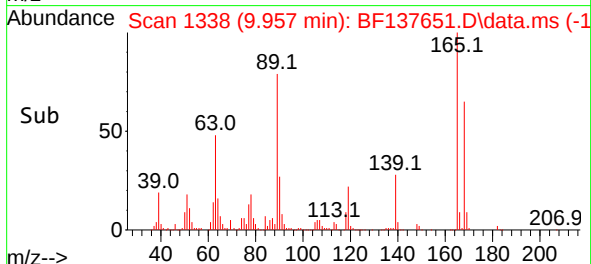
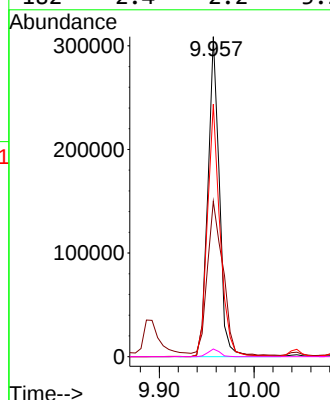
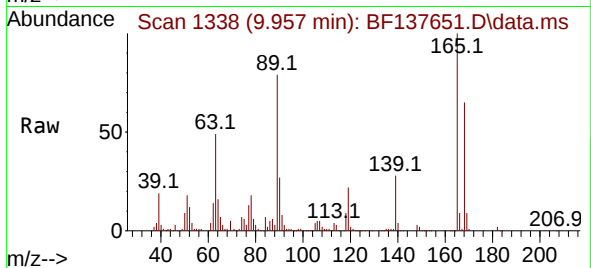




#57  
2,4-Dinitrotoluene  
Concen: 40.220 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

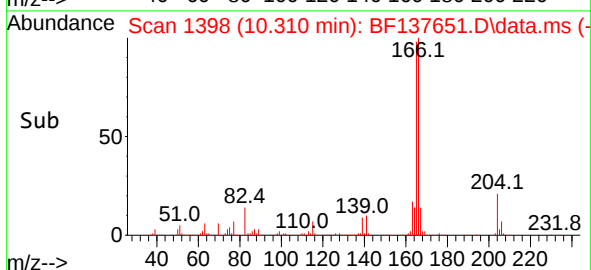
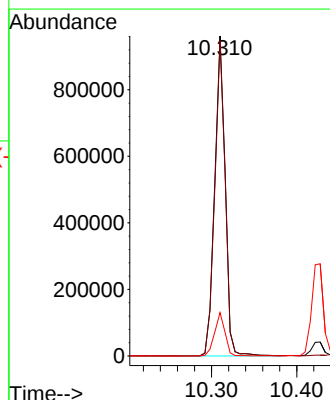
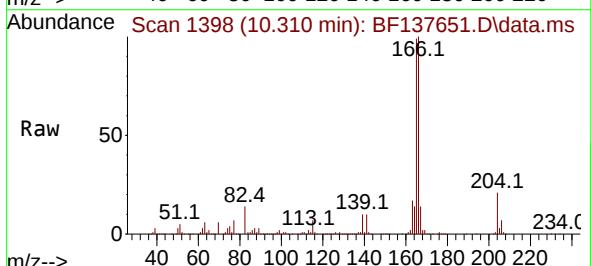
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

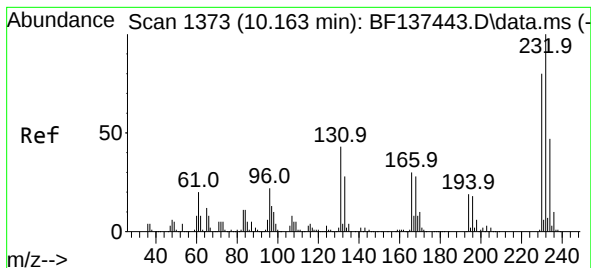
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 259167 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 48.5  | 39.0  | 58.6   |
| 89       | 78.9  | 60.9  | 91.3   |
| 182      | 2.4   | 2.2   | 3.2    |



#58  
Fluorene  
Concen: 36.729 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 825081 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.6  | 79.2  | 118.8  |
| 167      | 13.6  | 11.0  | 16.6   |

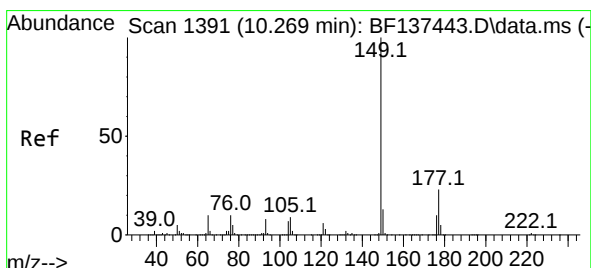
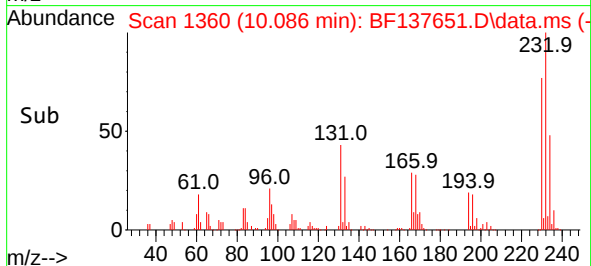
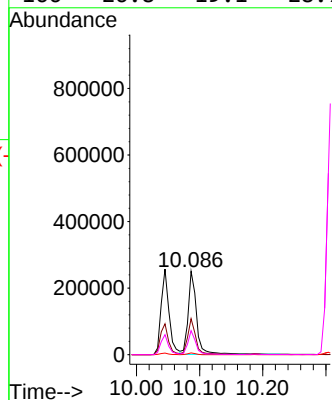
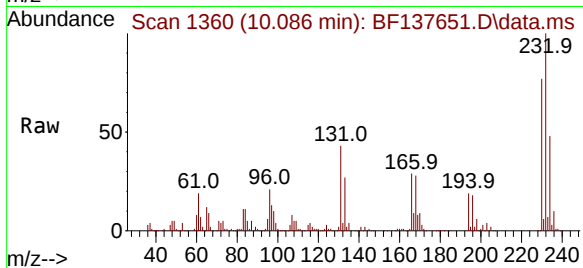




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.708 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

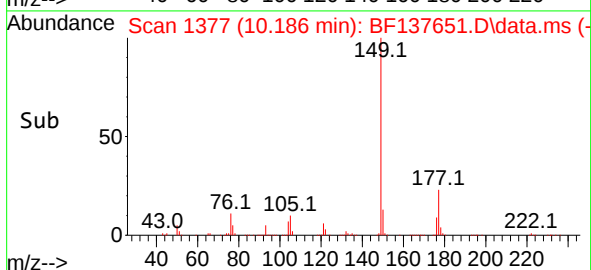
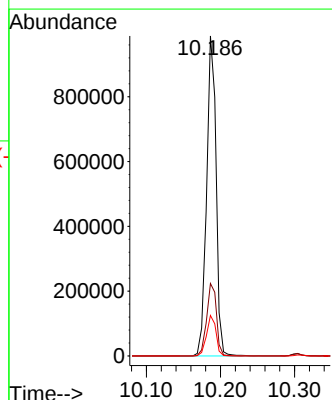
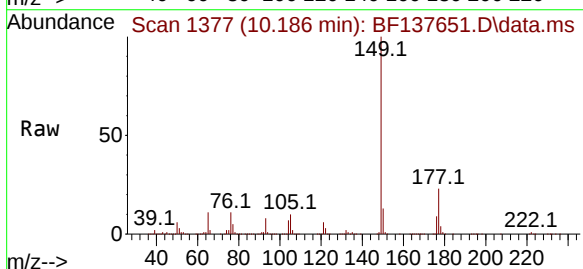
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

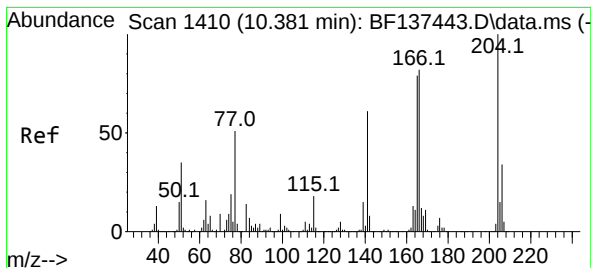
Tgt Ion:232 Resp: 234164  
Ion Ratio Lower Upper  
232 100  
131 40.4 31.2 46.8  
130 2.0 1.8 2.6  
166 26.8 19.1 28.7



#60  
Diethylphthalate  
Concen: 37.125 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:149 Resp: 879112  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.7 28.1  
150 12.7 10.2 15.4

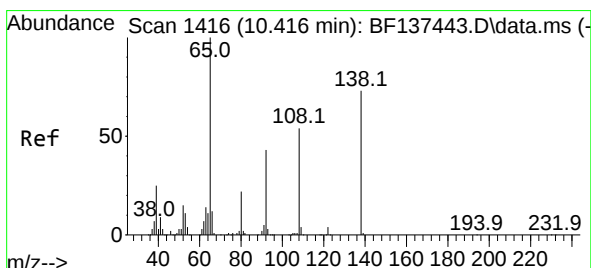
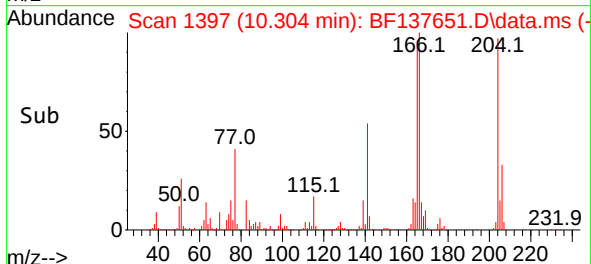
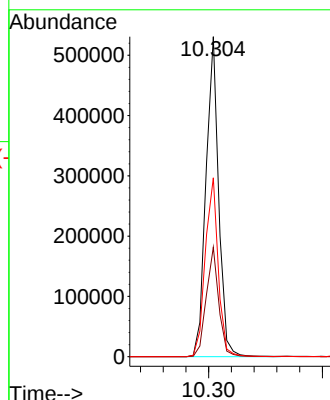
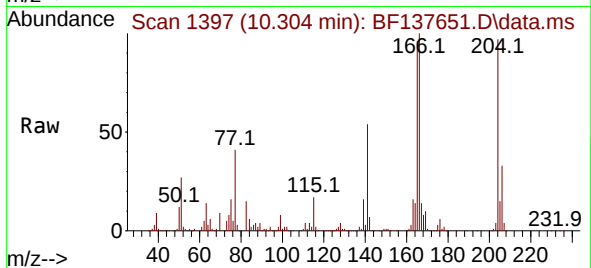




#61  
4-Chlorophenyl-phenylether  
Concen: 37.120 ng  
RT: 10.304 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

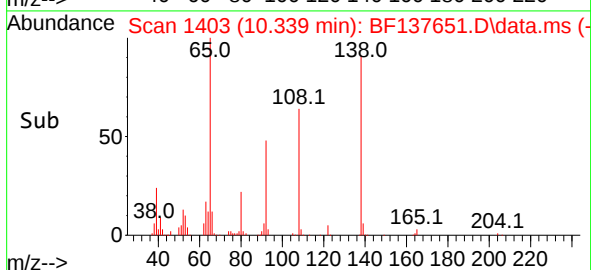
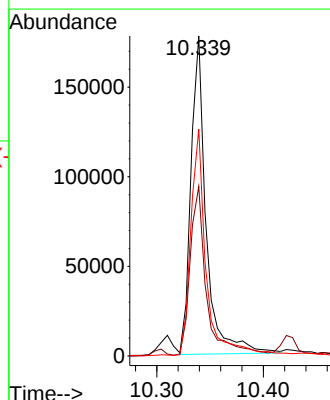
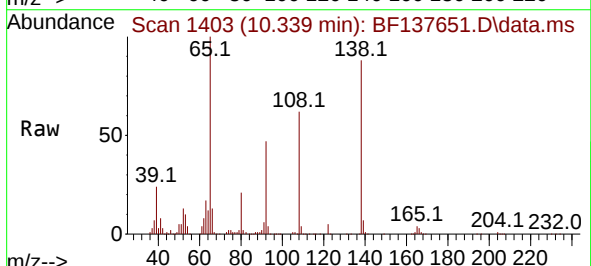
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

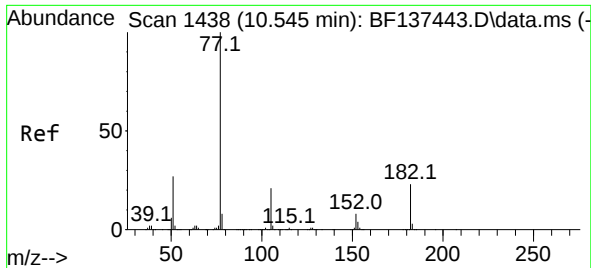
Tgt Ion:204 Resp: 408672  
Ion Ratio Lower Upper  
204 100  
206 34.2 27.4 41.0  
141 55.9 48.4 72.6



#62  
4-Nitroaniline  
Concen: 36.896 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:138 Resp: 175926  
Ion Ratio Lower Upper  
138 100  
92 53.0 37.9 77.9  
108 70.9 53.2 93.2

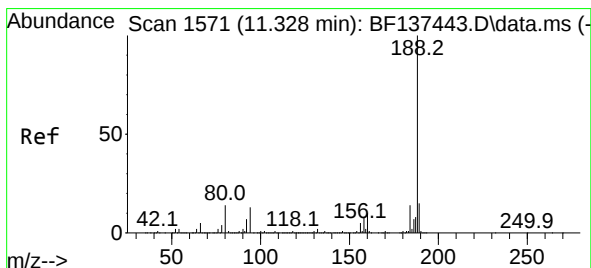
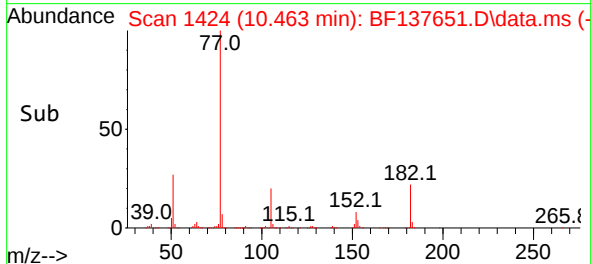
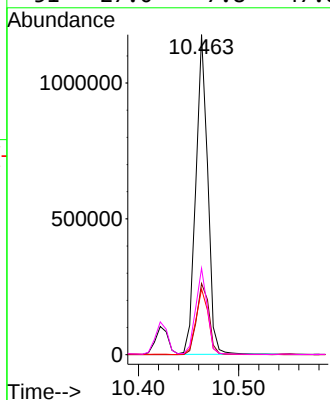
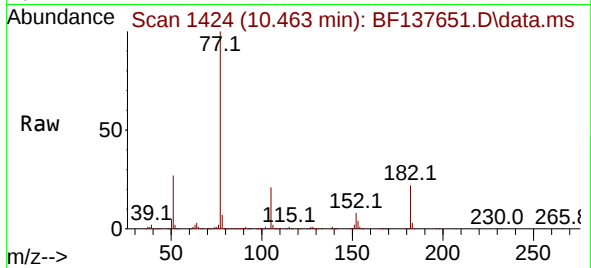




#63  
Azobenzene  
Concen: 35.442 ng  
RT: 10.463 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

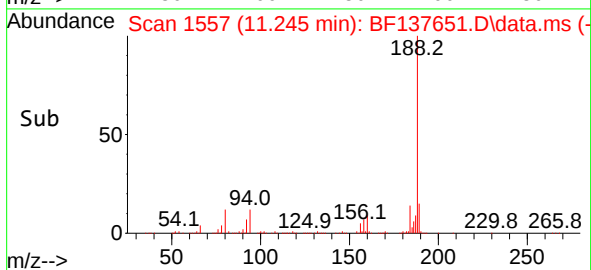
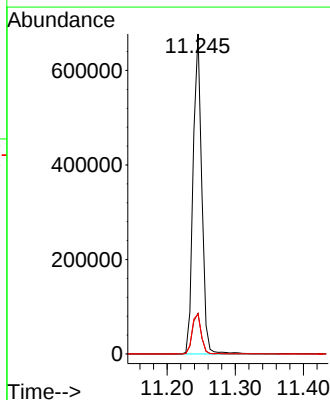
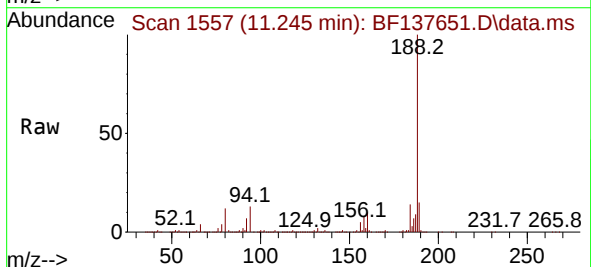
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

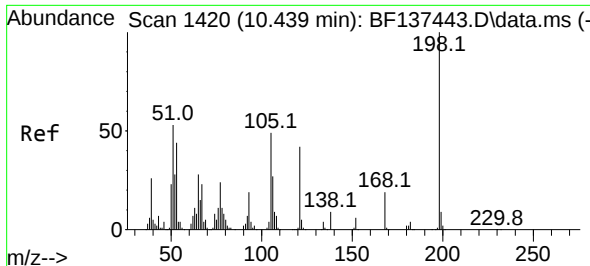
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 966406 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.3    | 3.2 43.2     |
| 105 20.5    | 1.2 41.2     |
| 51 27.0     | 7.8 47.8     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 591175 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 12.7     | 10.6 15.8    |
| 80 12.5     | 11.5 17.3    |

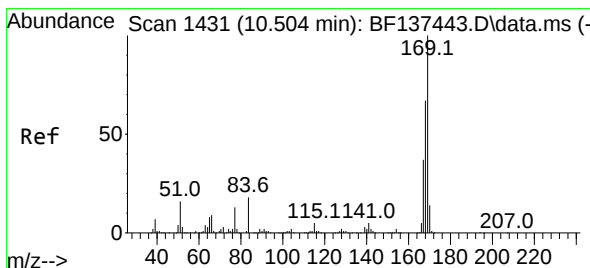
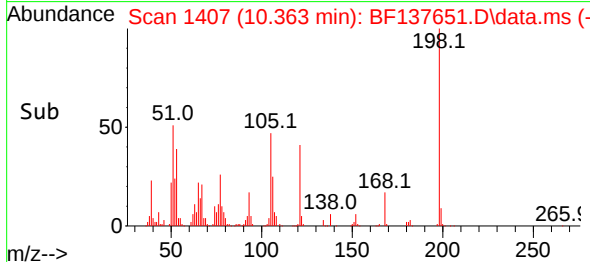
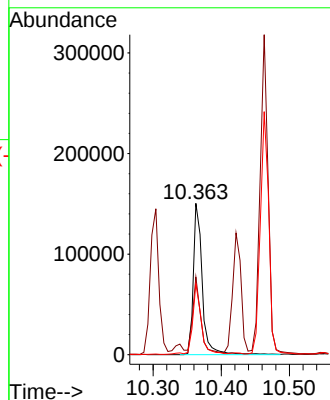
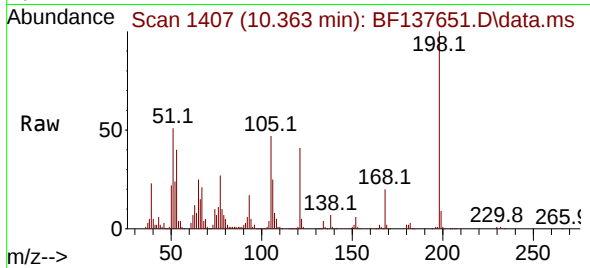




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.402 ng  
RT: 10.363 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

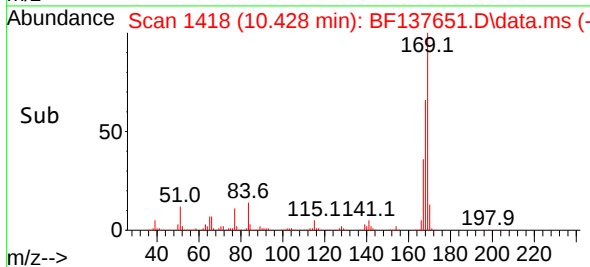
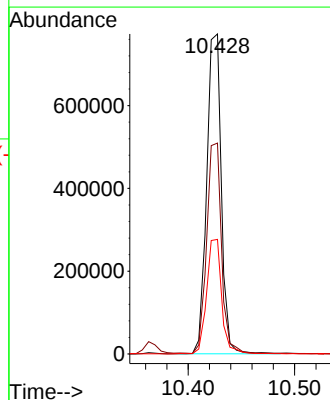
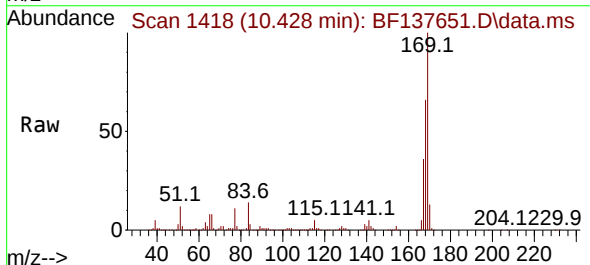
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

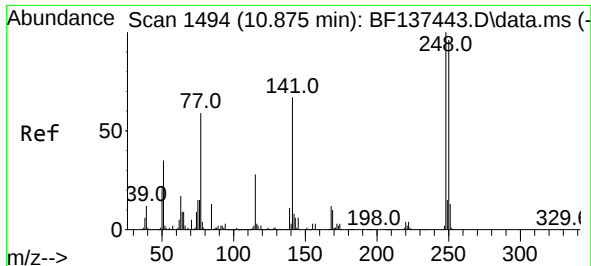
Tgt Ion:198 Resp: 136416  
Ion Ratio Lower Upper  
198 100  
51 51.3 37.2 77.2  
105 46.8 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 38.845 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:169 Resp: 739480  
Ion Ratio Lower Upper  
169 100  
168 65.9 53.8 80.6  
167 35.8 29.6 44.4

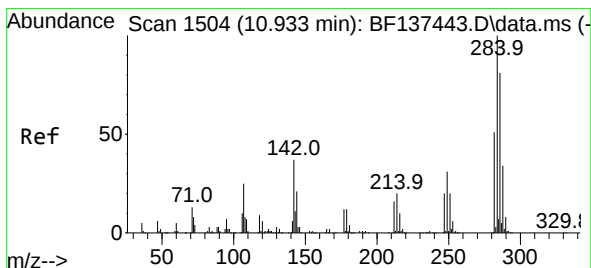
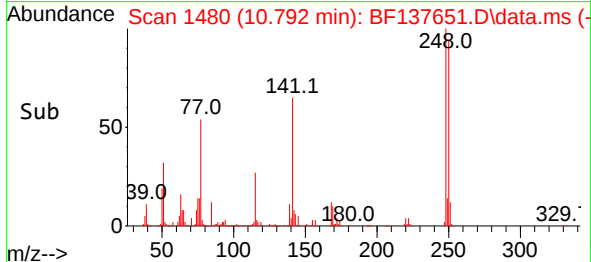
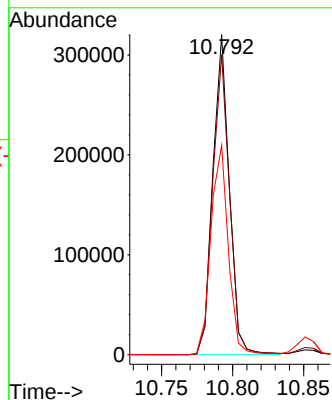
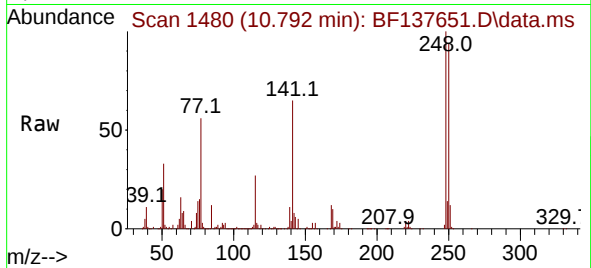




#67  
4-Bromophenyl-phenylether  
Concen: 40.285 ng  
RT: 10.792 min Scan# 1480  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

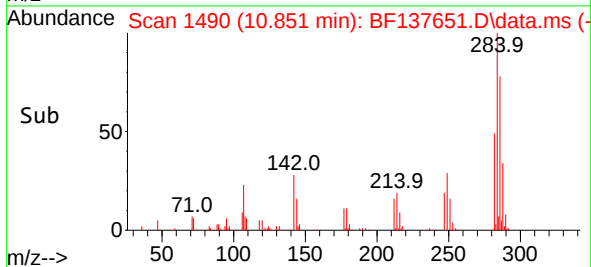
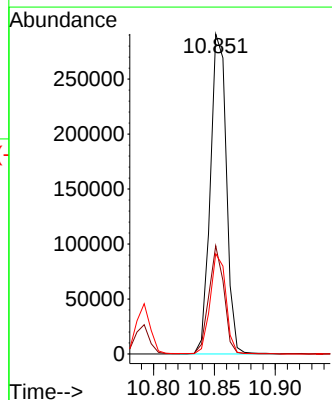
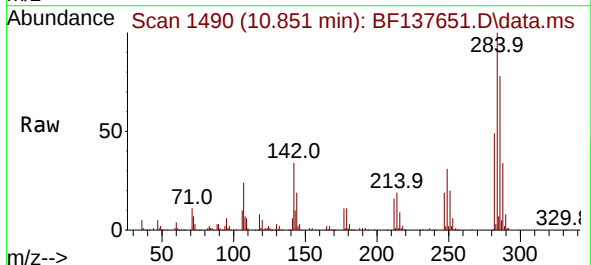
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

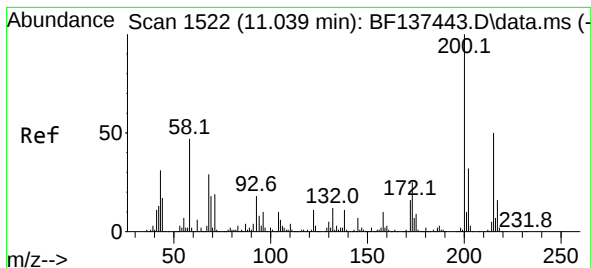
Tgt Ion:248 Resp: 259391  
Ion Ratio Lower Upper  
248 100  
250 93.7 76.8 115.2  
141 65.4 53.4 80.0



#68  
Hexachlorobenzene  
Concen: 40.977 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:284 Resp: 266492  
Ion Ratio Lower Upper  
284 100  
142 33.8 29.4 44.0  
249 31.3 25.0 37.4





#69

Atrazine

Concen: 41.307 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

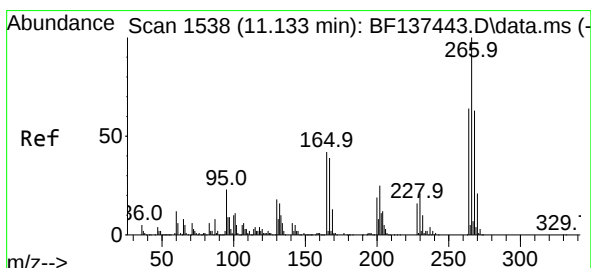
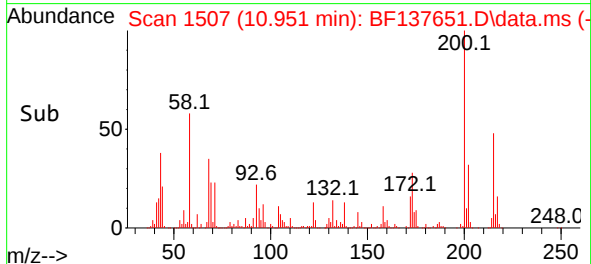
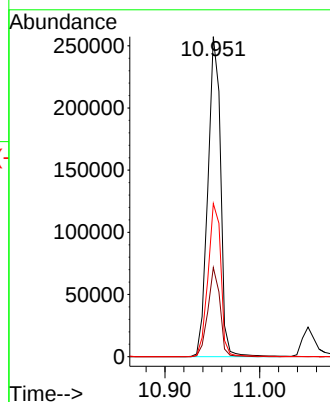
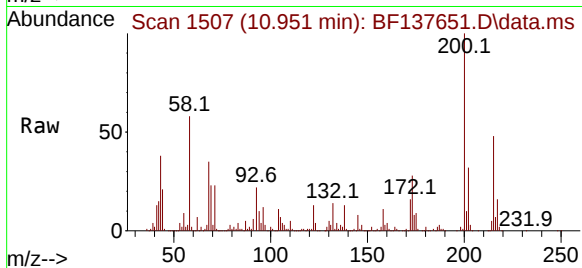
Tgt Ion:200 Resp: 239046

Ion Ratio Lower Upper

200 100

173 27.9 5.1 45.1

215 47.9 30.4 70.4



#70

Pentachlorophenol

Concen: 35.488 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

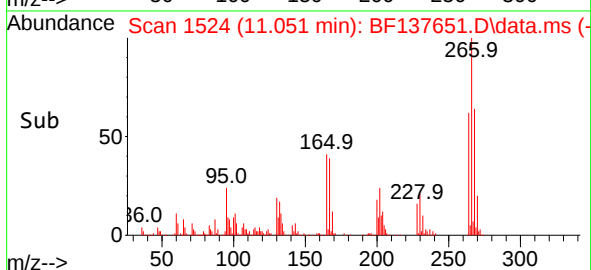
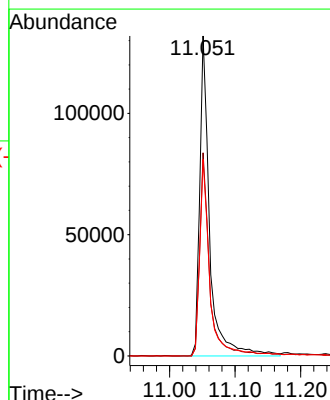
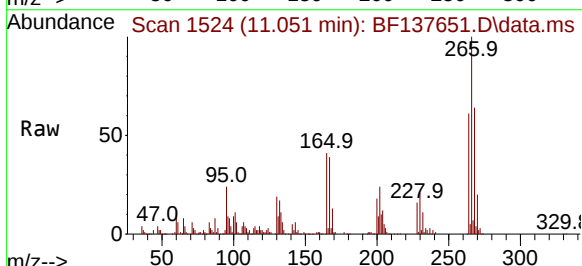
Tgt Ion:266 Resp: 139520

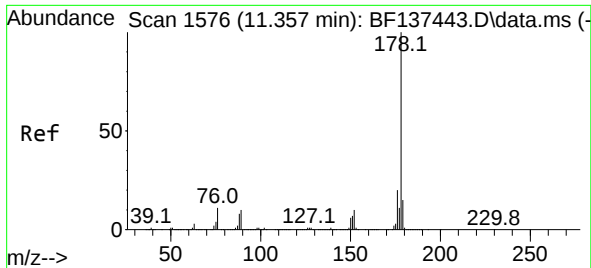
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.2

264 61.4 50.9 76.3

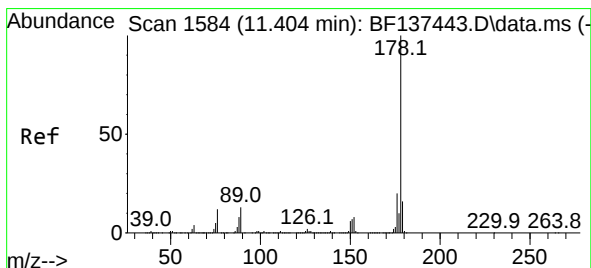
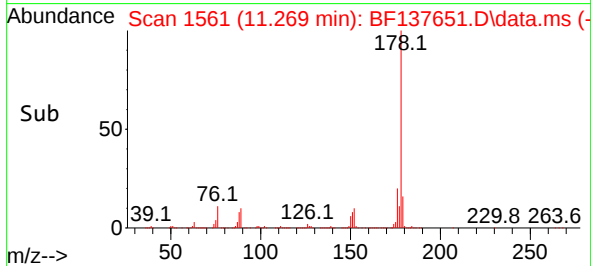
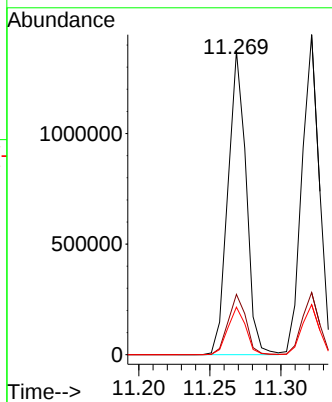
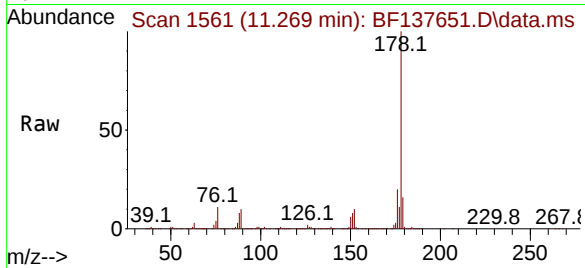




#71  
Phenanthrene  
Concen: 37.974 ng  
RT: 11.269 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

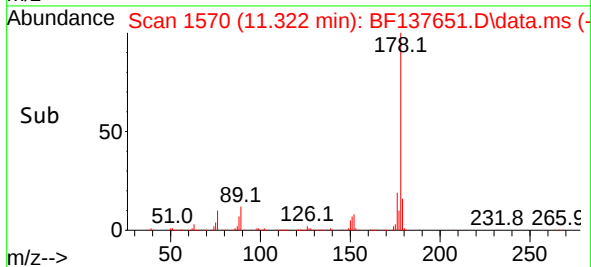
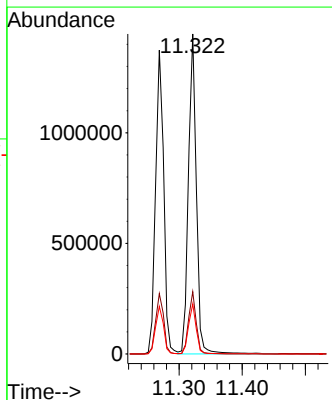
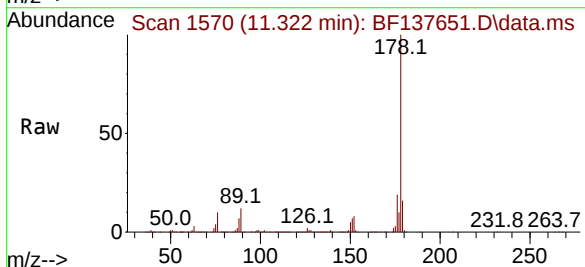
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

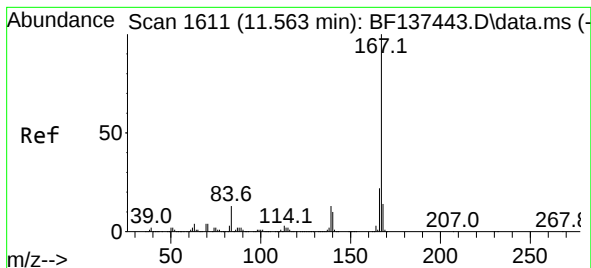
Tgt Ion:178 Resp: 1221740  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.8  
179 15.7 12.2 18.2



#72  
Anthracene  
Concen: 38.317 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:178 Resp: 1266117  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.6 12.7 19.1





#73

Carbazole

Concen: 38.006 ng

RT: 11.480 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

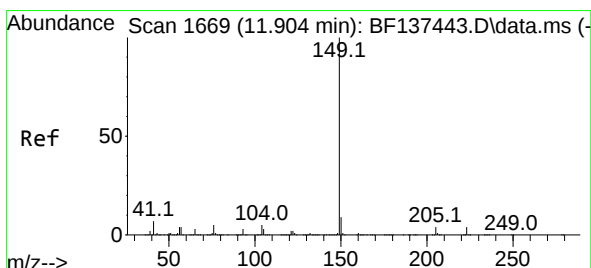
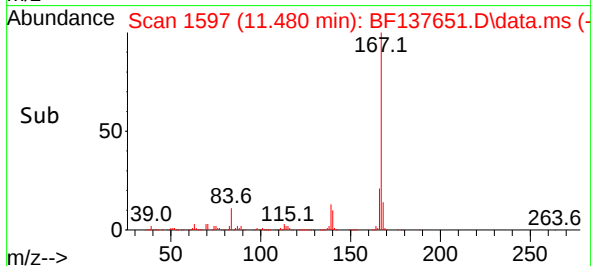
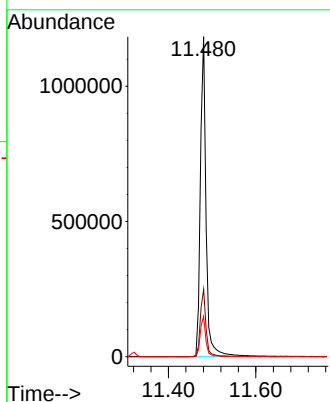
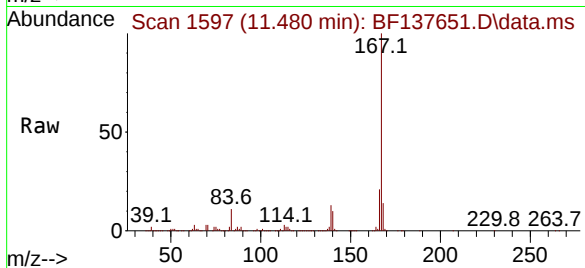
Tgt Ion:167 Resp: 1075728

Ion Ratio Lower Upper

167 100

166 21.1 17.8 26.8

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 39.009 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

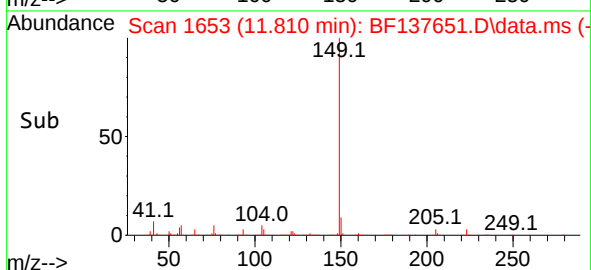
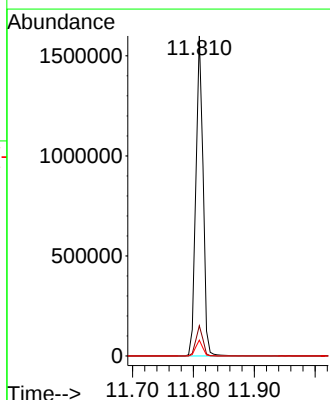
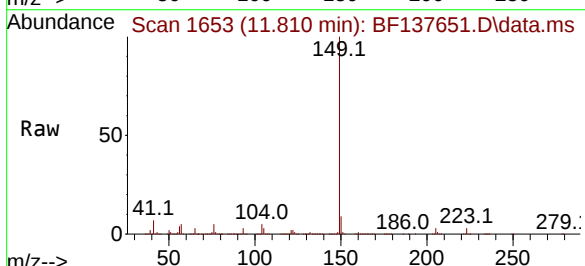
Tgt Ion:149 Resp: 1313647

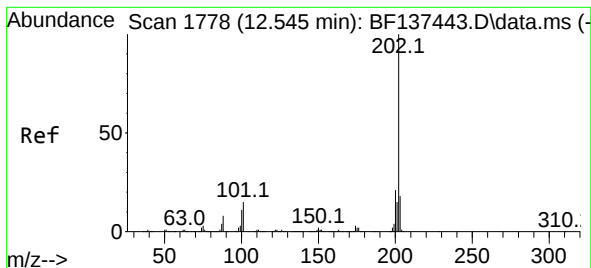
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 37.857 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

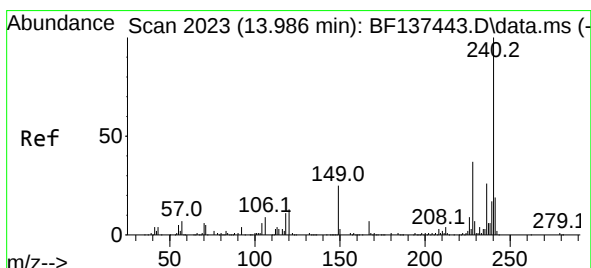
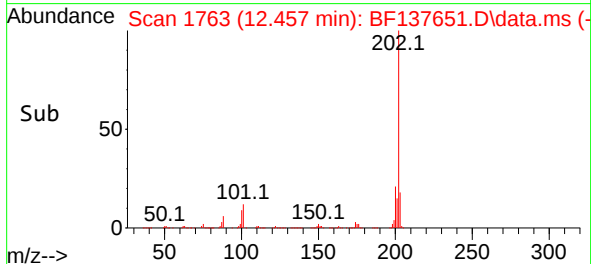
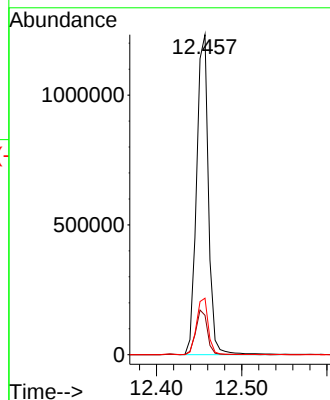
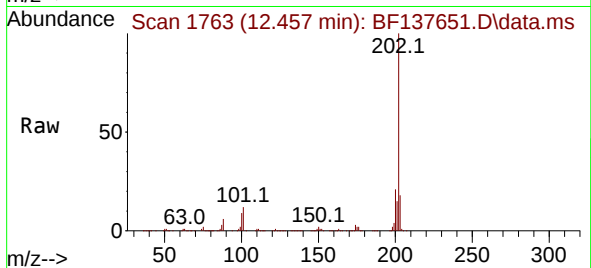
Tgt Ion:202 Resp: 1190534

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.0

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

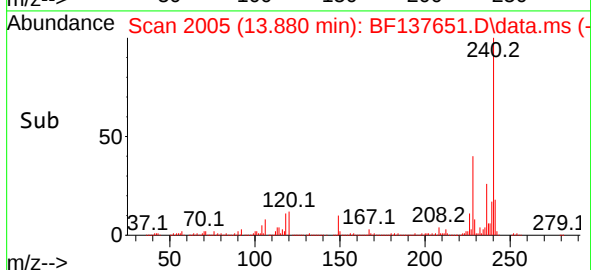
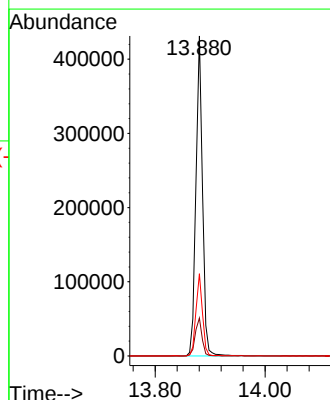
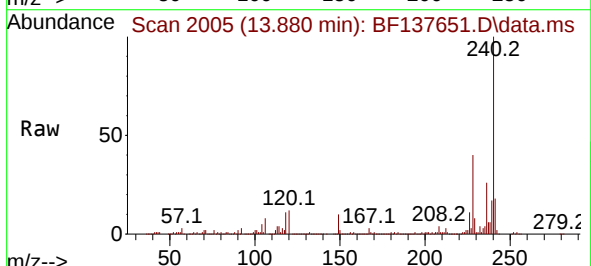
Tgt Ion:240 Resp: 356915

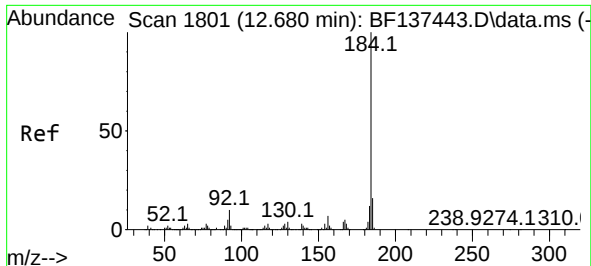
Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

236 25.7 20.9 31.3

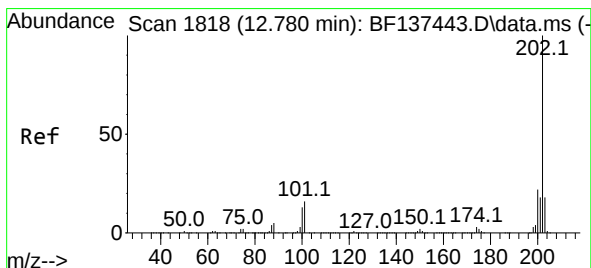
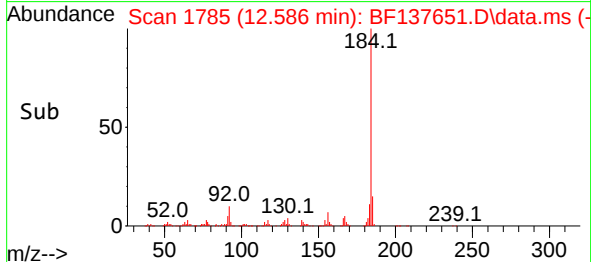
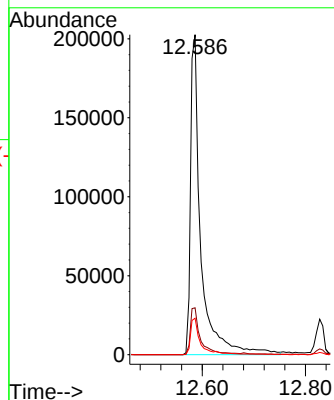
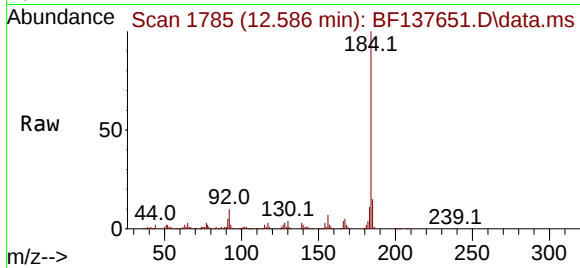




#77  
Benzidine  
Concen: 32.155 ng  
RT: 12.586 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

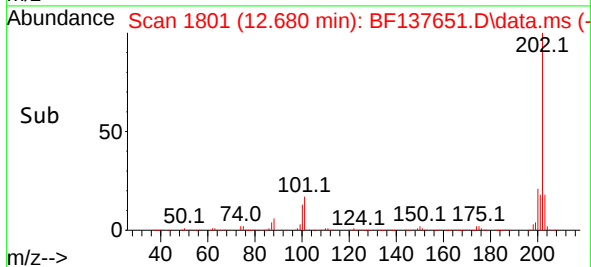
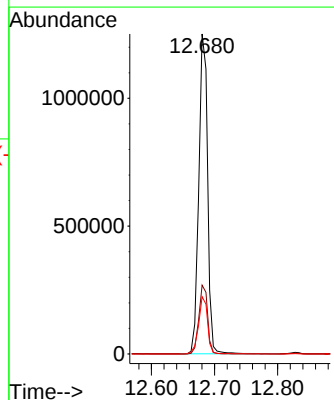
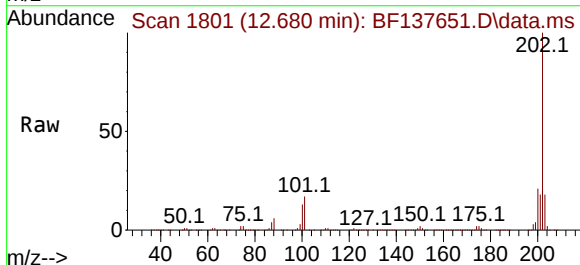
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

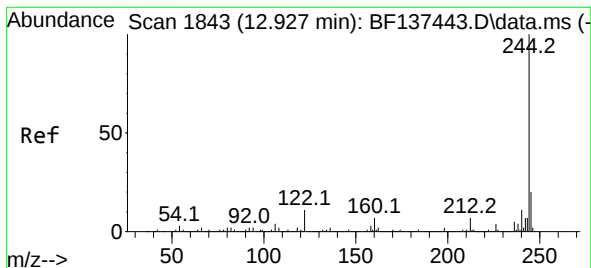
Tgt Ion:184 Resp: 280862  
Ion Ratio Lower Upper  
184 100  
185 14.7 13.2 19.8  
183 11.4 9.3 13.9



#78  
Pyrene  
Concen: 34.407 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:202 Resp: 1204970  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.4 26.2  
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 69.564 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

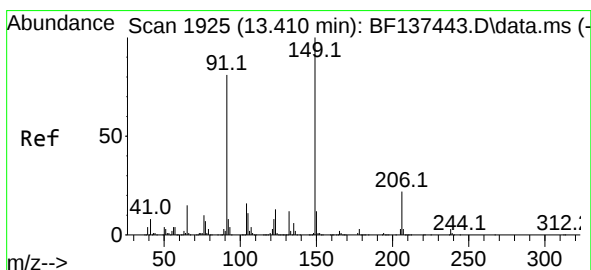
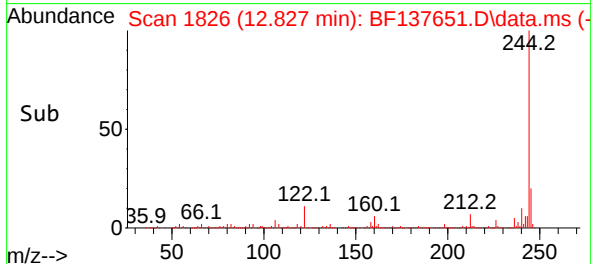
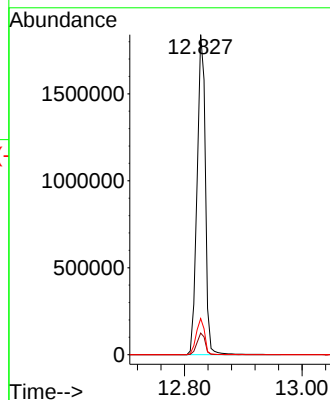
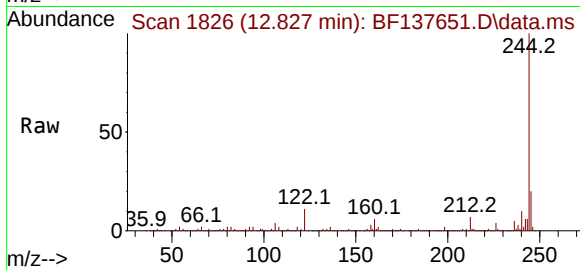
Tgt Ion:244 Resp: 1805573

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 49.070 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

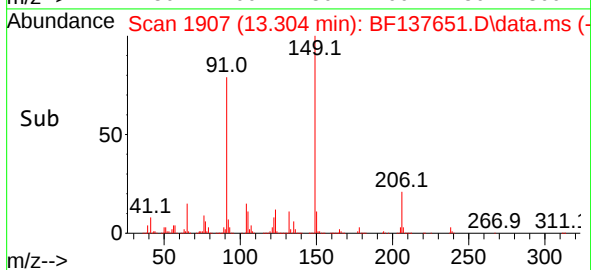
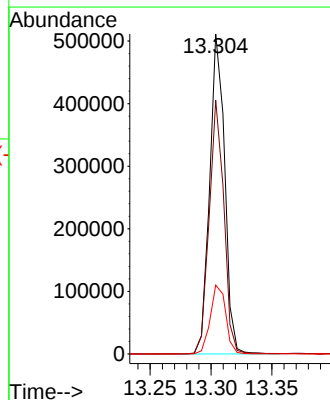
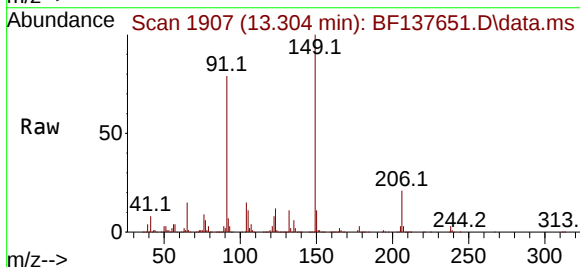
Tgt Ion:149 Resp: 438877

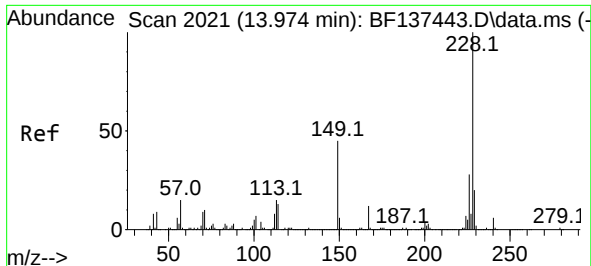
Ion Ratio Lower Upper

149 100

91 79.3 64.7 97.1

206 21.5 17.5 26.3

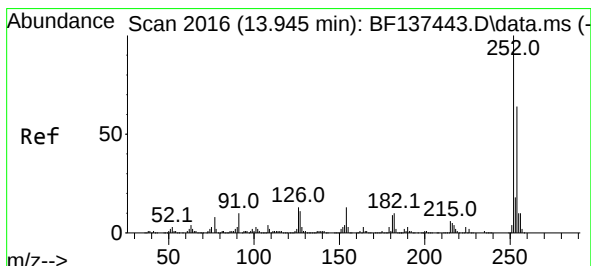
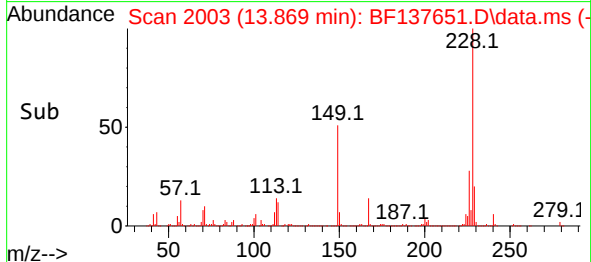
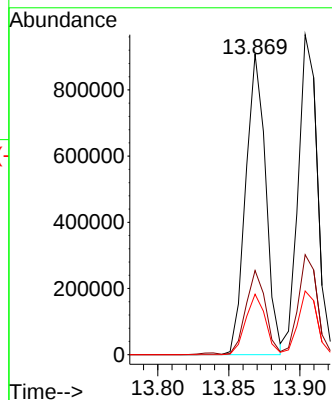
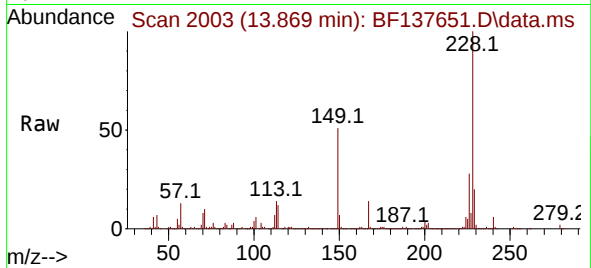




#81  
Benzo(a)anthracene  
Concen: 35.662 ng  
RT: 13.869 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

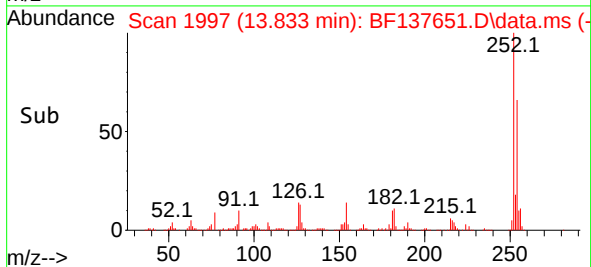
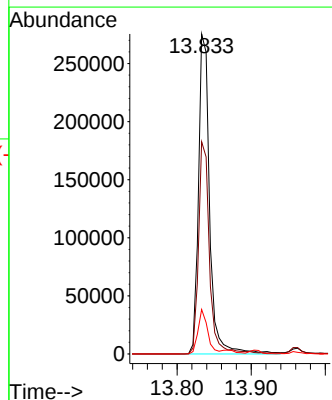
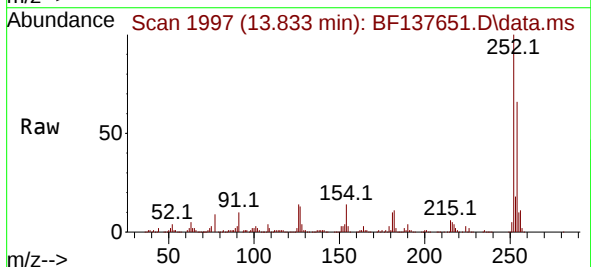
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

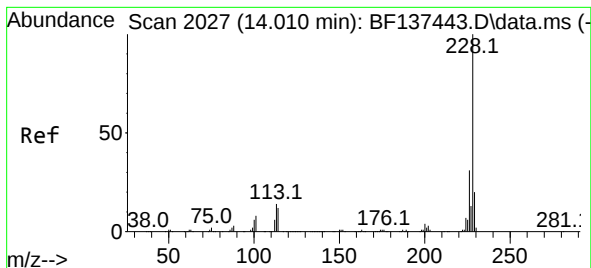
Tgt Ion:228 Resp: 892114  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.3 33.5  
229 20.1 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 43.095 ng  
RT: 13.833 min Scan# 1997  
Delta R.T. -0.000 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:252 Resp: 287085  
Ion Ratio Lower Upper  
252 100  
254 66.3 51.4 77.2  
126 13.9 10.4 15.6





#83

Chrysene

Concen: 36.262 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

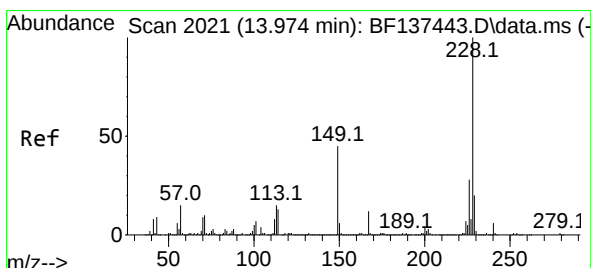
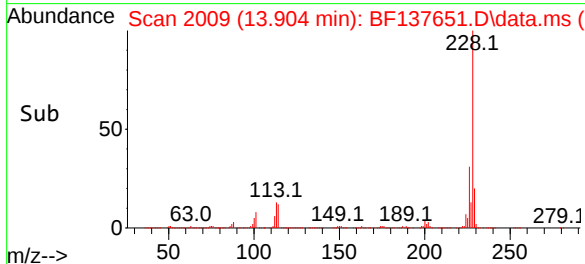
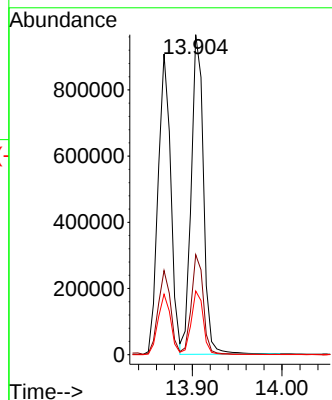
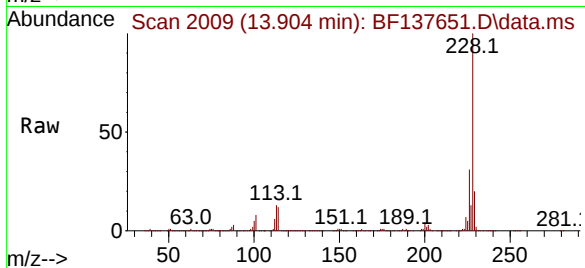
Tgt Ion:228 Resp: 916818

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.795 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

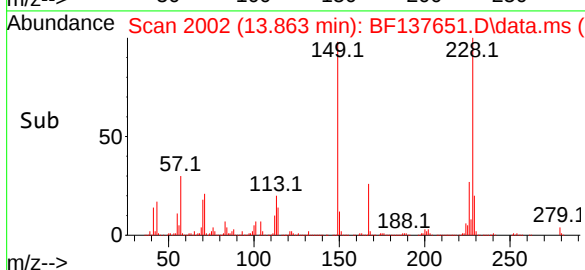
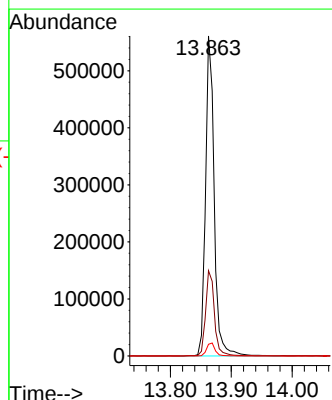
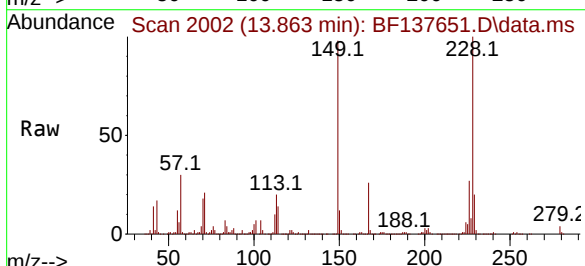
Tgt Ion:149 Resp: 554699

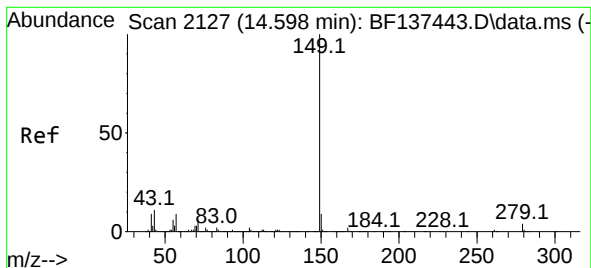
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 40.733 ng

RT: 14.474 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

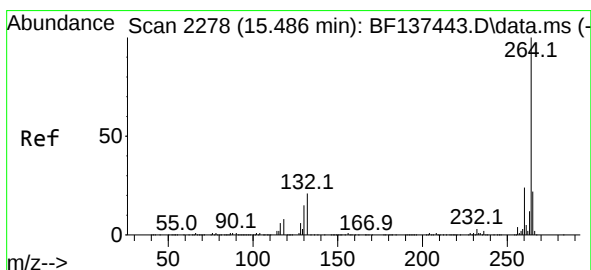
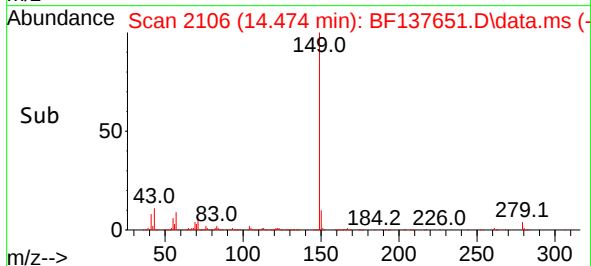
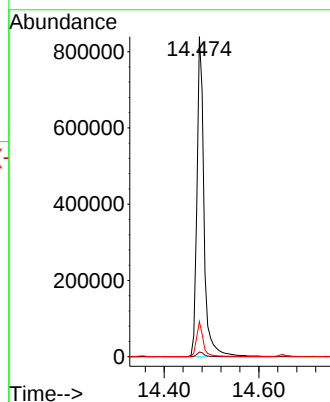
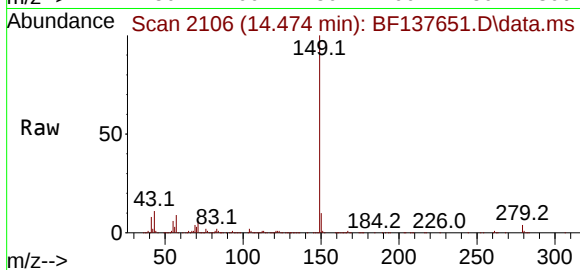
Tgt Ion:149 Resp: 871371

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

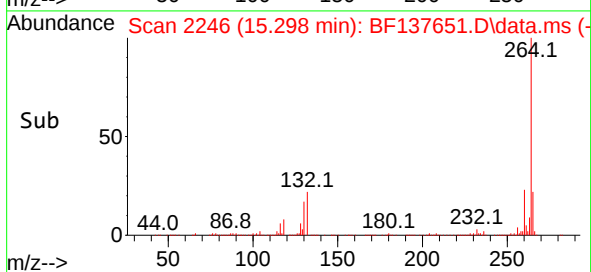
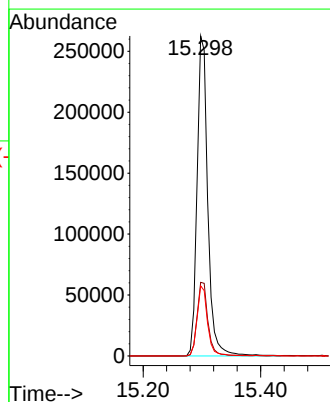
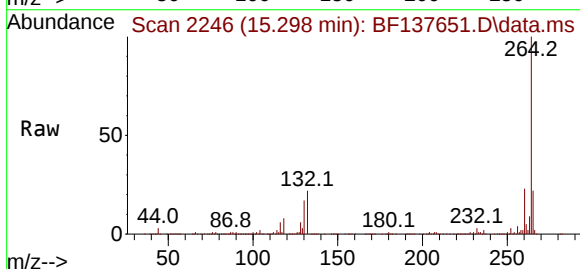
Tgt Ion:264 Resp: 331177

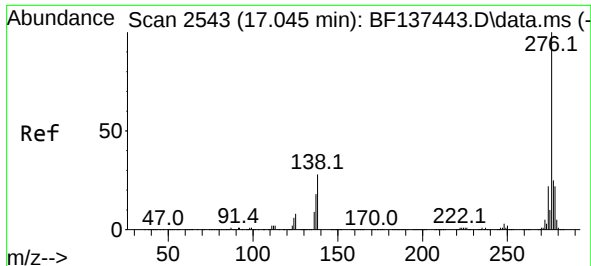
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.9 17.4 26.0

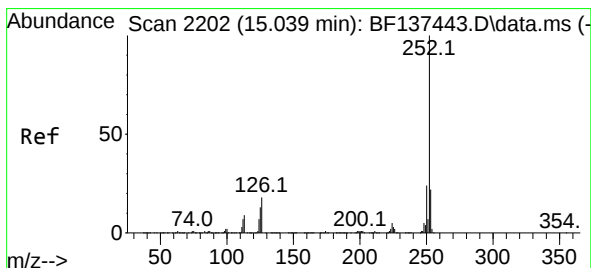
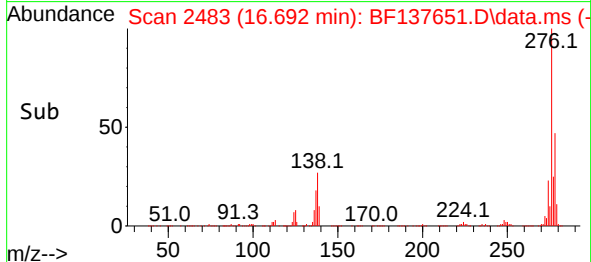
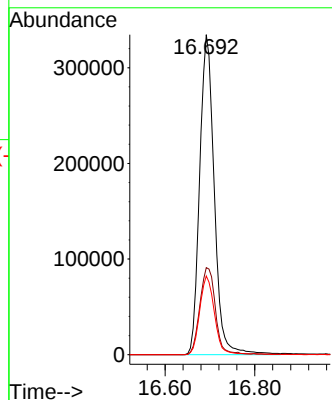
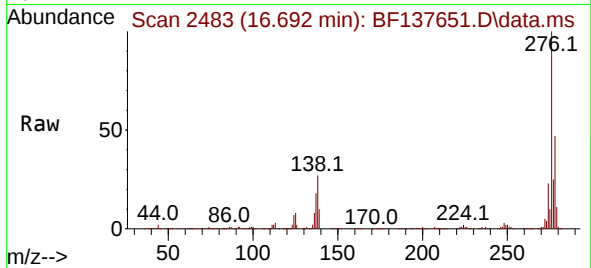




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.658 ng  
 RT: 16.692 min Scan# 2177  
 Delta R.T. 0.006 min  
 Lab File: BF137651.D  
 Acq: 20 Mar 2024 13:11

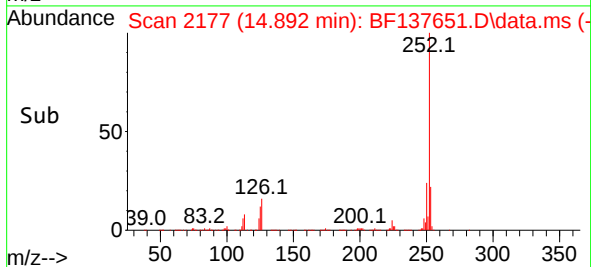
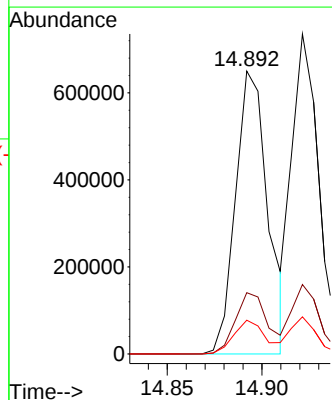
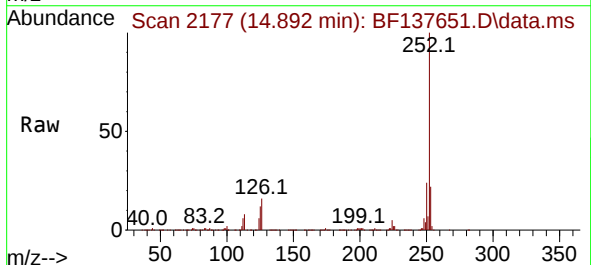
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

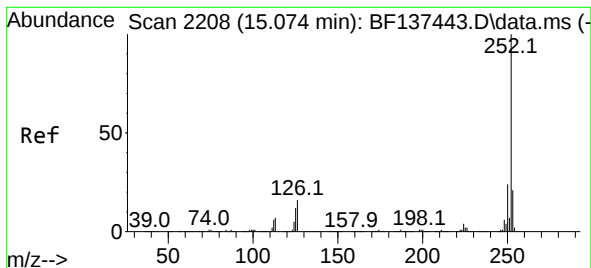
Tgt Ion:276 Resp: 755322  
 Ion Ratio Lower Upper  
 276 100  
 138 29.0 25.8 38.8  
 277 24.7 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 39.364 ng  
 RT: 14.892 min Scan# 2177  
 Delta R.T. -0.000 min  
 Lab File: BF137651.D  
 Acq: 20 Mar 2024 13:11

Tgt Ion:252 Resp: 771165  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.8 26.8  
 125 11.9 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 35.584 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

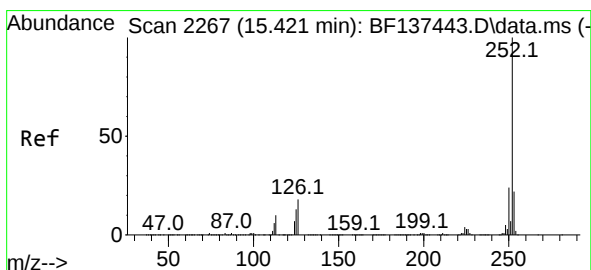
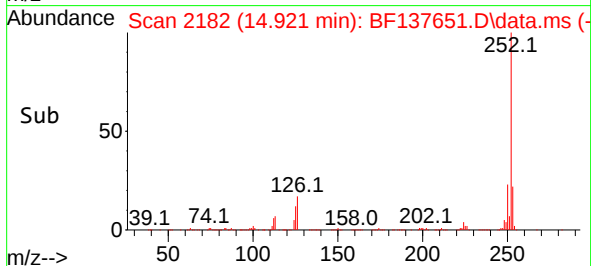
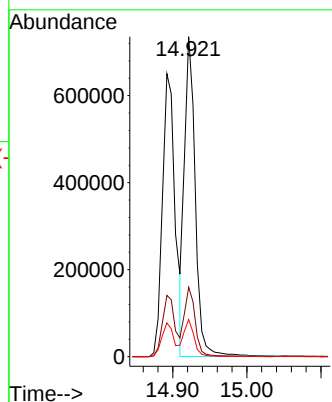
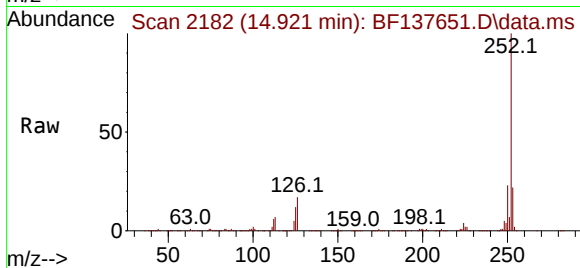
Tgt Ion:252 Resp: 748758

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 37.698 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137651.D

Acq: 20 Mar 2024 13:11

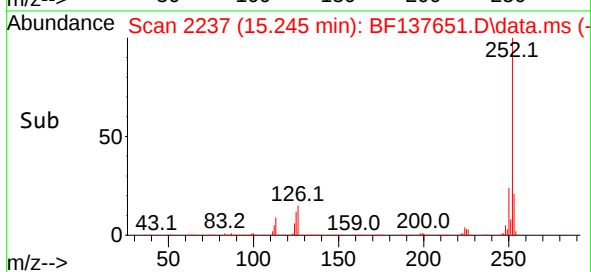
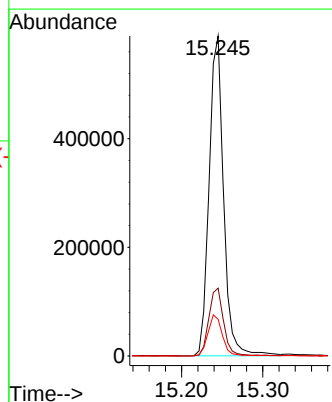
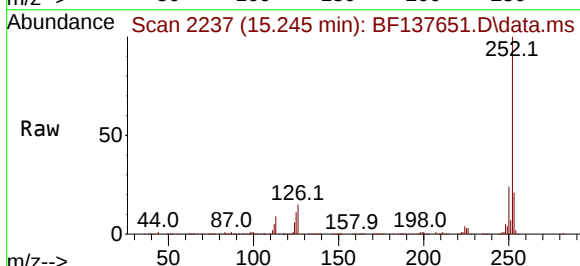
Tgt Ion:252 Resp: 727764

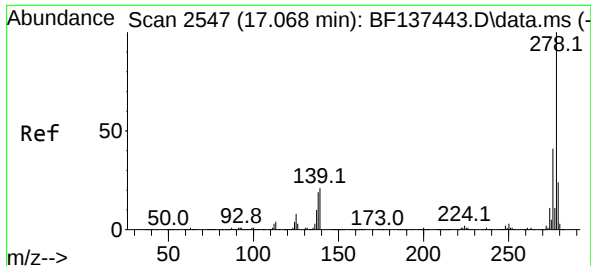
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 11.4 10.4 15.6

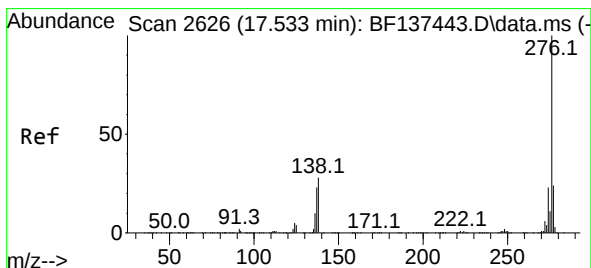
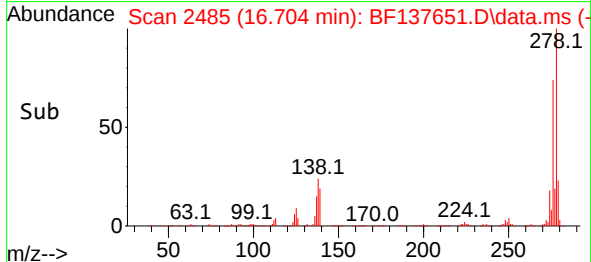
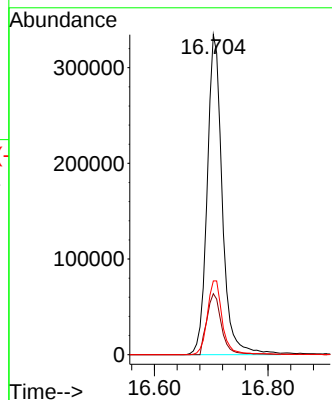
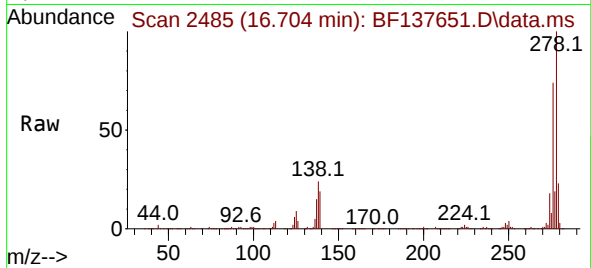




#91  
Dibenzo(a,h)anthracene  
Concen: 34.762 ng  
RT: 16.704 min Scan# 24  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 614573  
Ion Ratio Lower Upper  
278 100  
139 19.1 17.0 25.6  
279 23.0 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 33.939 ng  
RT: 17.109 min Scan# 2554  
Delta R.T. 0.006 min  
Lab File: BF137651.D  
Acq: 20 Mar 2024 13:11

Tgt Ion:276 Resp: 616217  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.4  
138 24.3 22.2 33.2

