

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042324\  
 Data File : BF137702.D  
 Acq On : 23 Apr 2024 19:22  
 Operator : CG\JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Apr 24 03:47:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:33:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.063  | 152  | 305832   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.351  | 136  | 1230214  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.116 | 164  | 677967   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.604 | 188  | 1142965  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.257 | 240  | 792945   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.833 | 264  | 644418   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.681  | 112  | 1528753  | 75.932 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.675  | 99   | 1964401  | 76.833 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.628  | 82   | 1773905  | 76.543 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.904 | 330  | 506788   | 74.079 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.428  | 172  | 3226133  | 71.102 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.198 | 244  | 3585618  | 72.783 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.993  | 88   | 346982   | 38.488 | ng    | 100      |
| 3) Pyridine                   | 3.751  | 79   | 932854   | 38.843 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.722  | 42   | 432575   | 38.595 | ng    | 100      |
| 6) Aniline                    | 6.728  | 93   | 1224597  | 38.474 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.851  | 128  | 806511   | 38.375 | ng    | 100      |
| 9) Benzaldehyde               | 6.616  | 77   | 509098   | 35.482 | ng    | 100      |
| 10) Phenol                    | 6.692  | 94   | 980498   | 38.388 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.798  | 93   | 804412   | 38.612 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.004  | 146  | 846128   | 38.390 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.081  | 146  | 849307   | 38.276 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.239  | 146  | 791543   | 38.323 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.198  | 79   | 746319   | 39.021 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.334  | 45   | 1242459  | 38.779 | ng    | 100      |
| 17) 2-Methylphenol            | 7.298  | 107  | 719829   | 38.550 | ng    | 100      |
| 18) Hexachloroethane          | 7.581  | 117  | 302580   | 38.529 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.475  | 70   | 624808   | 37.792 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.451  | 107  | 941991   | 39.060 | ng    | 100      |
| 22) Acetophenone              | 7.475  | 105  | 1137379  | 37.800 | ng    | 100      |
| 24) Nitrobenzene              | 7.651  | 77   | 899373   | 38.412 | ng    | 100      |
| 25) Isophorone                | 7.886  | 82   | 1620213  | 37.643 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.963  | 139  | 408828   | 39.789 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.986  | 122  | 770994   | 37.193 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 8.086  | 93   | 993112   | 37.776 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.198  | 162  | 690941   | 38.032 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.286  | 180  | 700671   | 37.838 | ng    | 100      |
| 31) Naphthalene               | 8.375  | 128  | 2372477  | 37.792 | ng    | 100      |
| 32) Benzoic acid              | 8.092  | 122  | 517619   | 39.436 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.416  | 127  | 1007124  | 37.902 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.481  | 225  | 424795   | 38.265 | ng    | 100      |
| 35) Caprolactam               | 8.786  | 113  | 224575   | 38.234 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.881  | 107  | 736703   | 38.233 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 9.063  | 142  | 1613834  | 37.454 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.163  | 142  | 1506650  | 37.399 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.228  | 216  | 704542   | 37.906 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.216  | 237  | 412873   | 39.645 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.333  | 196  | 505365   | 38.758 | ng    | 100      |

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 Operator : CG\JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Apr 24 03:47:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:33:10 2024  
 Response via : Initial Calibration

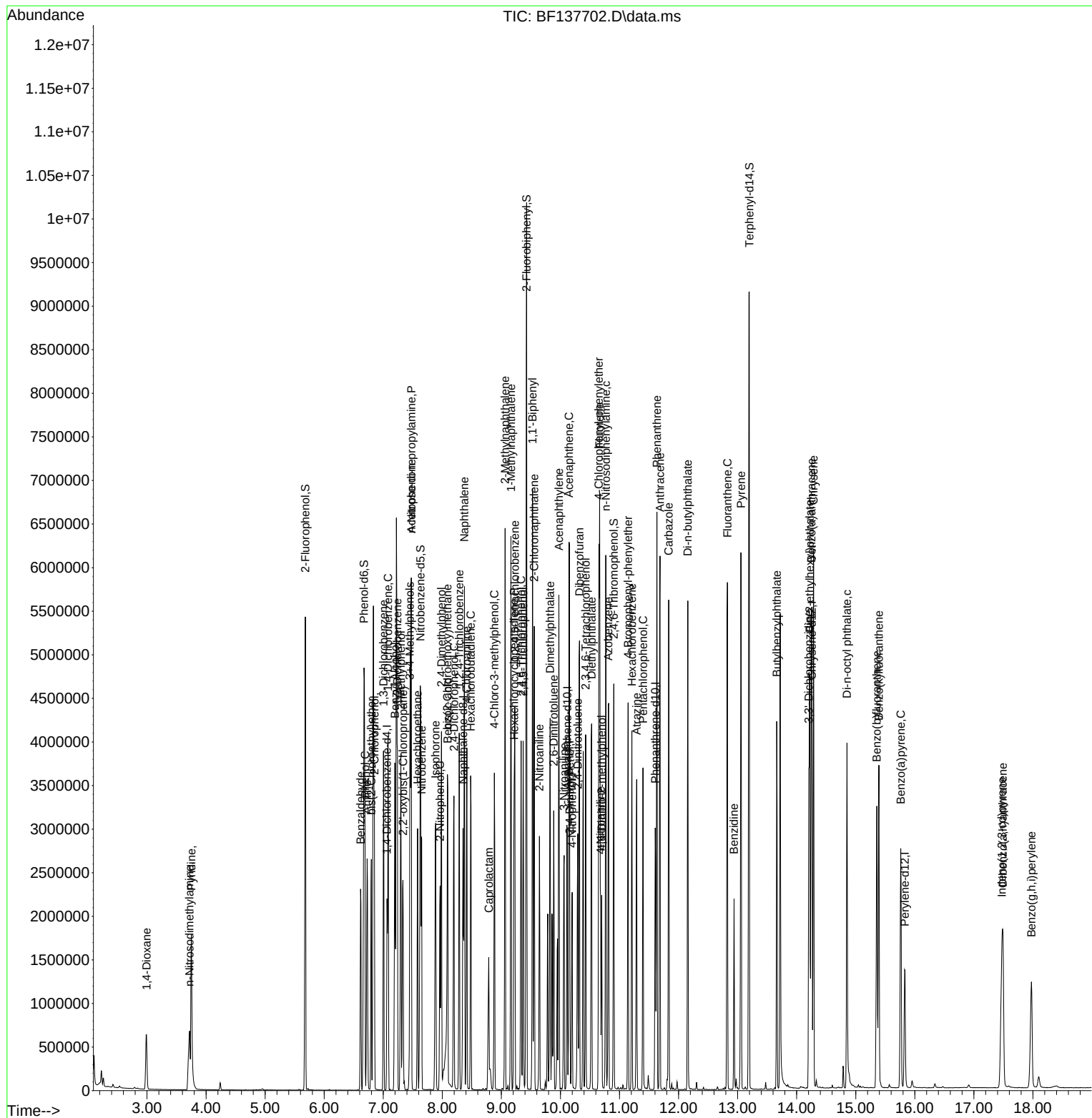
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.369  | 196  | 566011   | 37.877 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.528  | 154  | 1867734  | 37.869 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.557  | 162  | 1434320  | 37.726 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.645  | 65   | 457264   | 39.469 | ng    | 100      |
| 49) Acenaphthylene            | 9.975  | 152  | 2244252  | 37.852 | ng    | 100      |
| 50) Dimethylphthalate         | 9.828  | 163  | 1751521  | 37.081 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 387977   | 38.983 | ng    | 100      |
| 52) Acenaphthene              | 10.145 | 154  | 1436153  | 37.409 | ng    | 100      |
| 53) 3-Nitroaniline            | 10.063 | 138  | 438944   | 39.246 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.157 | 184  | 176160   | 36.576 | ng    | 100      |
| 55) Dibenzofuran              | 10.322 | 168  | 2106284  | 37.428 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.198 | 139  | 344088   | 39.561 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.292 | 165  | 495230   | 39.470 | ng    | 100      |
| 58) Fluorene                  | 10.663 | 166  | 1629594  | 37.060 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.427 | 232  | 438203   | 37.871 | ng    | 100      |
| 60) Diethylphthalate          | 10.527 | 149  | 1688677  | 37.169 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.651 | 204  | 804162   | 37.012 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.680 | 138  | 417418   | 39.184 | ng    | 100      |
| 63) Azobenzene                | 10.810 | 77   | 1766675  | 37.948 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.698 | 198  | 255655   | 39.011 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.769 | 169  | 1459190  | 37.694 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.145 | 248  | 495855   | 37.440 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.210 | 284  | 483765   | 37.494 | ng    | 100      |
| 69) Atrazine                  | 11.292 | 200  | 405522   | 37.896 | ng    | 100      |
| 70) Pentachlorophenol         | 11.398 | 266  | 375445   | 38.683 | ng    | 100      |
| 71) Phenanthrene              | 11.633 | 178  | 2256494  | 37.295 | ng    | 100      |
| 72) Anthracene                | 11.686 | 178  | 2317087  | 37.400 | ng    | 100      |
| 73) Carbazole                 | 11.833 | 167  | 2117224  | 37.708 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.157 | 149  | 2544681  | 37.178 | ng    | 100      |
| 75) Fluoranthene              | 12.827 | 202  | 2377052  | 37.378 | ng    | 100      |
| 77) Benzidine                 | 12.939 | 184  | 694946   | 37.523 | ng    | 100      |
| 78) Pyrene                    | 13.057 | 202  | 2435623  | 37.423 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.663 | 149  | 890955   | 38.602 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.251 | 228  | 2102127  | 38.009 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.204 | 252  | 652044   | 38.105 | ng    | 100      |
| 83) Chrysene                  | 14.286 | 228  | 1952944  | 37.792 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.221 | 149  | 1352699  | 38.808 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.851 | 149  | 2094337  | 40.001 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.474 | 276  | 1304101  | 36.497 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.357 | 252  | 1637835  | 39.718 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.392 | 252  | 1571859  | 38.777 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.762 | 252  | 1448739  | 39.163 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.492 | 278  | 1085179  | 36.597 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.974 | 276  | 1050712  | 36.441 | ng    | 100      |

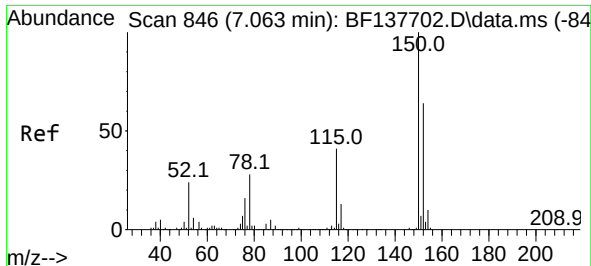
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Data File : BF137702.D  
Acq On    : 23 Apr 2024   19:22  
Operator  : CG\JU  
Sample    : SSTD1CCC040  
Misc      :  
ALS Vial  : 6   Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICCC040

Quant Time: Apr 24 03:47:52 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 24 03:33:10 2024  
Response via : Initial Calibration

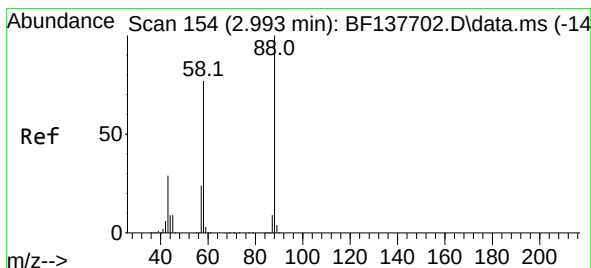
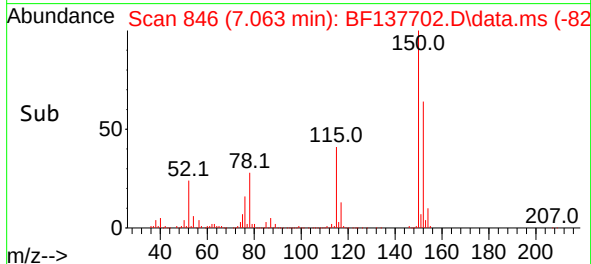
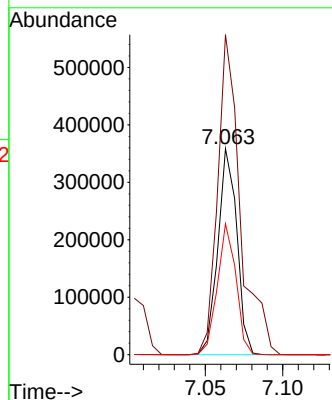
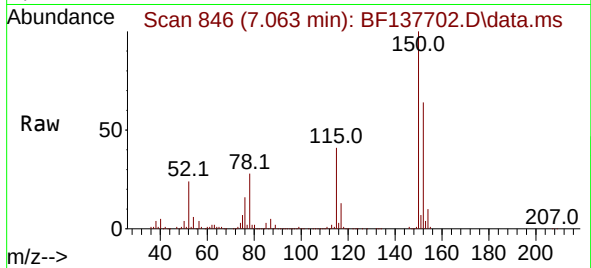




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.063 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

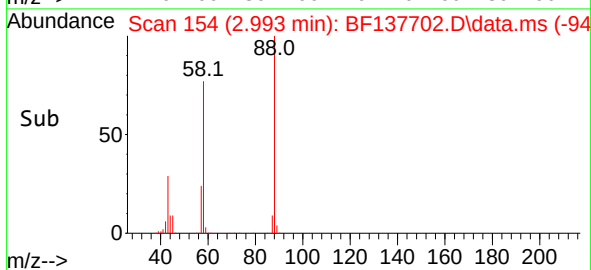
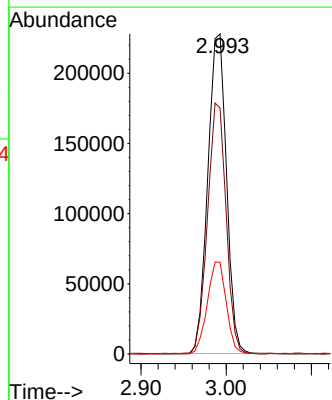
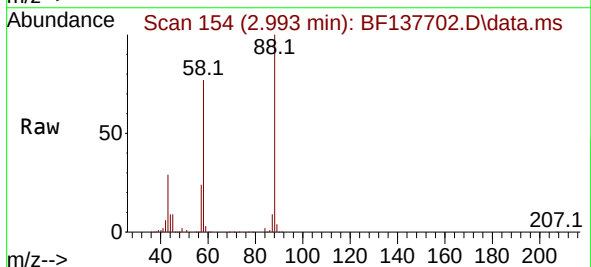
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

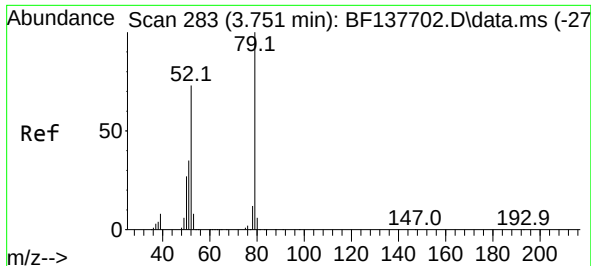
Tgt Ion:152 Resp: 305832  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.2 186.4  
115 63.5 50.8 76.2



#2  
1,4-Dioxane  
Concen: 38.488 ng  
RT: 2.993 min Scan# 154  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 88 Resp: 346982  
Ion Ratio Lower Upper  
88 100  
58 78.0 62.4 93.6  
43 29.6 23.7 35.5





#3

Pyridine

Concen: 38.843 ng

RT: 3.751 min Scan# 283

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

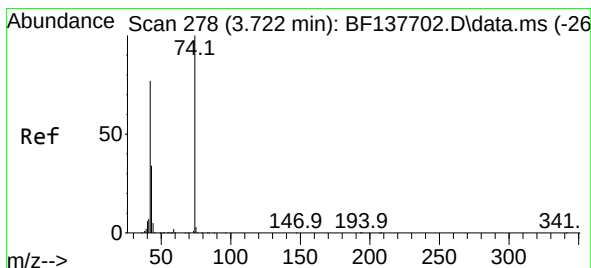
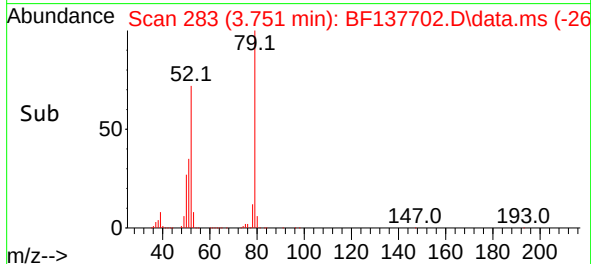
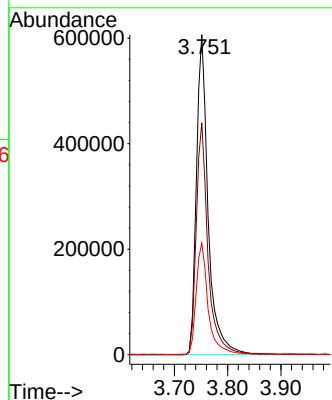
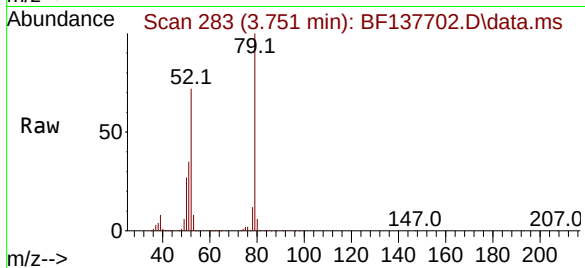
BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 932854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 72.5  | 58.0  | 87.0  |
| 51  | 34.9  | 27.9  | 41.9  |



#4

n-Nitrosodimethylamine

Concen: 38.595 ng

RT: 3.722 min Scan# 278

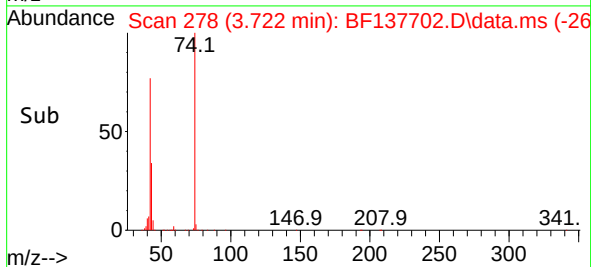
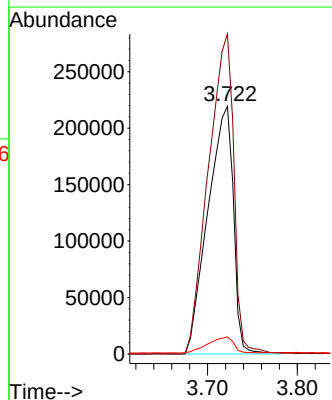
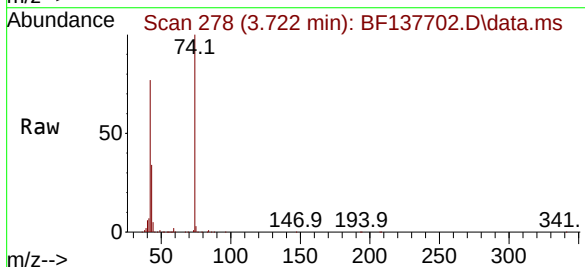
Delta R.T. 0.000 min

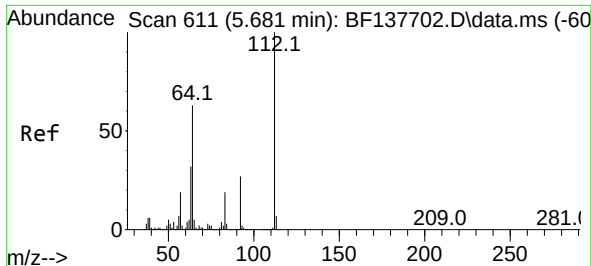
Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Tgt Ion: 42 Resp: 432575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 129.3 | 103.4 | 155.2 |
| 44  | 6.9   | 5.5   | 8.3   |

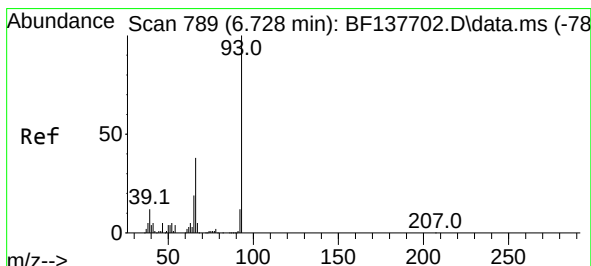
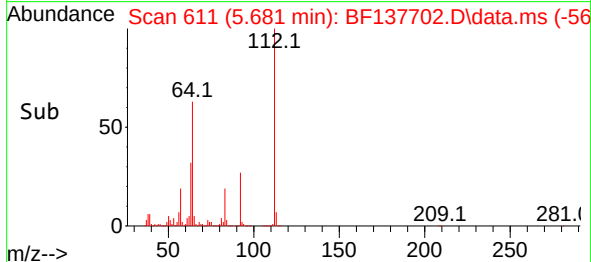
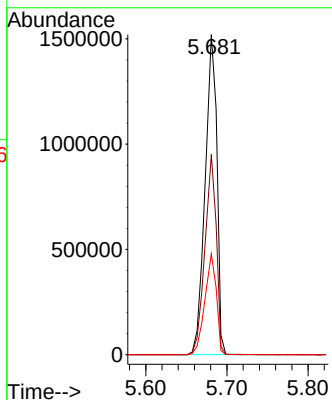
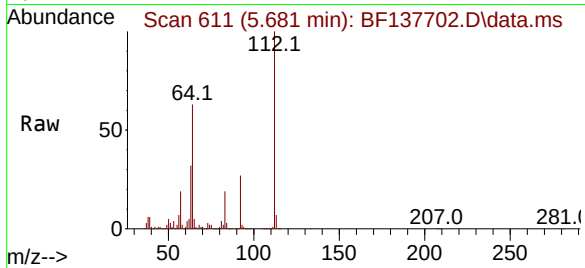




#5  
2-Fluorophenol  
Concen: 75.932 ng  
RT: 5.681 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

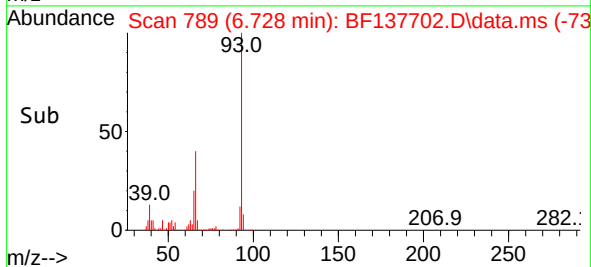
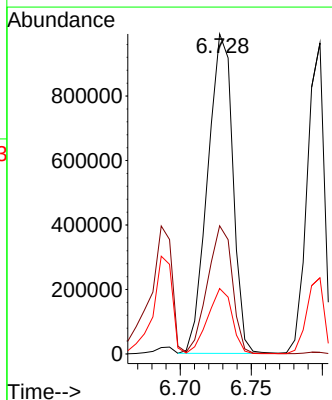
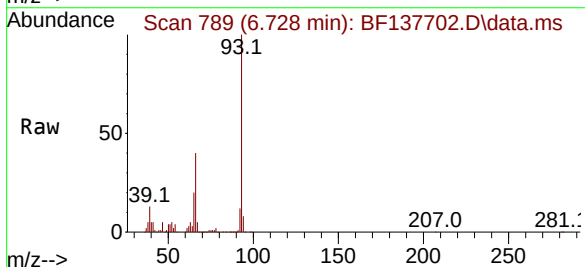
Instrument :  
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SSTDICCC040

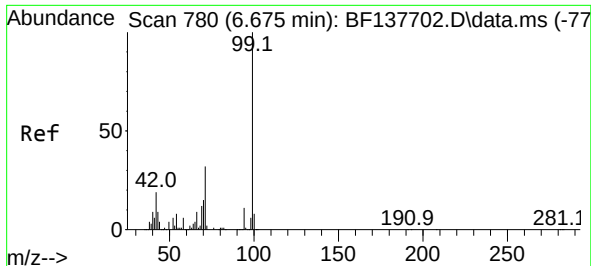
Tgt Ion:112 Resp: 1528753  
Ion Ratio Lower Upper  
112 100  
64 62.6 50.1 75.1  
63 31.5 25.2 37.8



#6  
Aniline  
Concen: 38.474 ng  
RT: 6.728 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 93 Resp: 1224597  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.1 48.1  
65 20.5 16.4 24.6

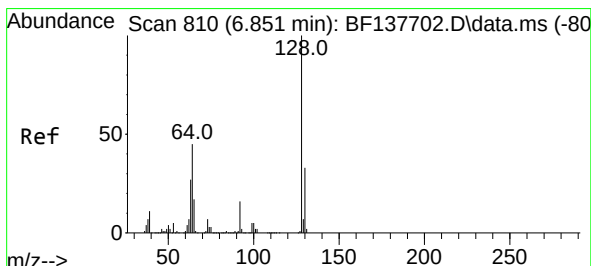
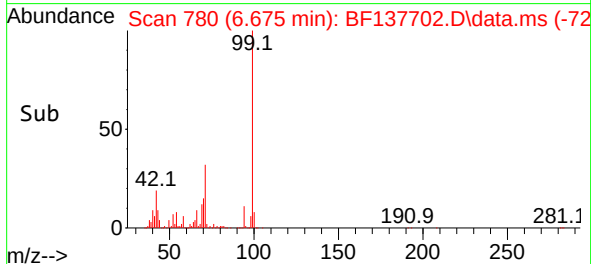
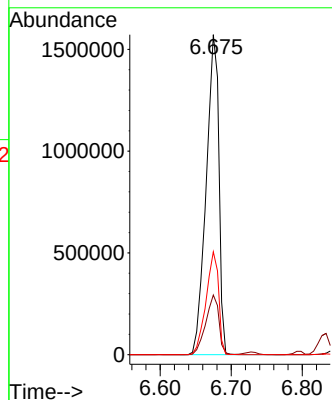
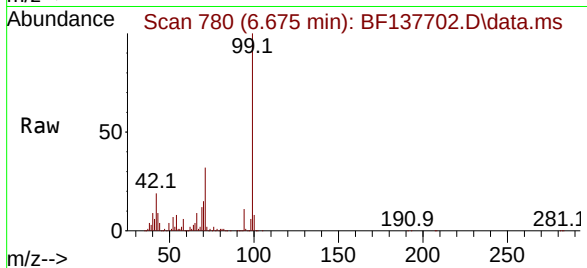




#7  
Phenol-d6  
Concen: 76.833 ng  
RT: 6.675 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

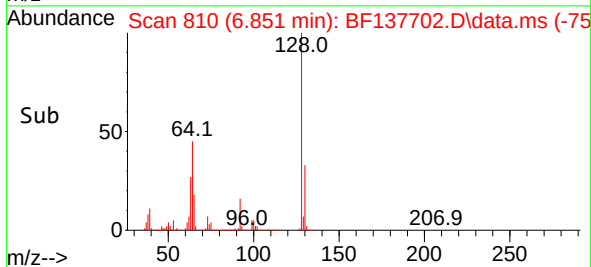
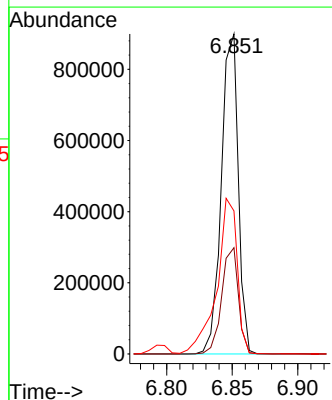
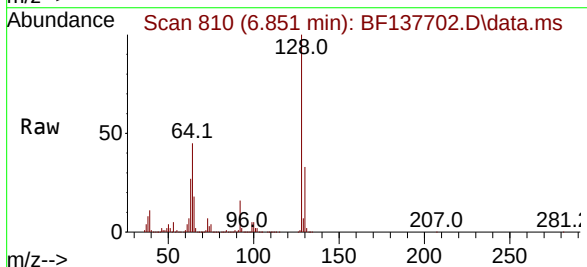
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

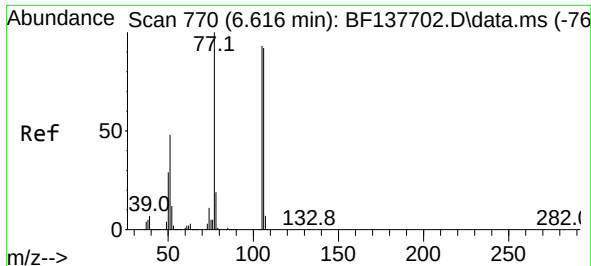
Tgt Ion: 99 Resp: 1964401  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.0 22.4  
71 32.1 25.7 38.5



#8  
2-Chlorophenol  
Concen: 38.375 ng  
RT: 6.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:128 Resp: 806511  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.2 53.2  
64 44.7 24.7 64.7

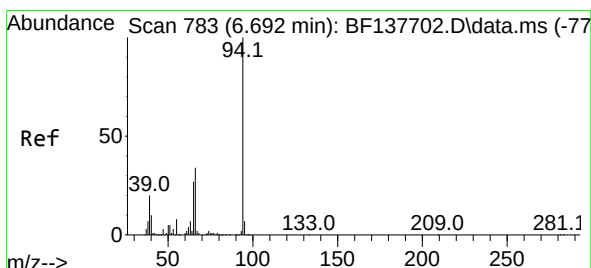
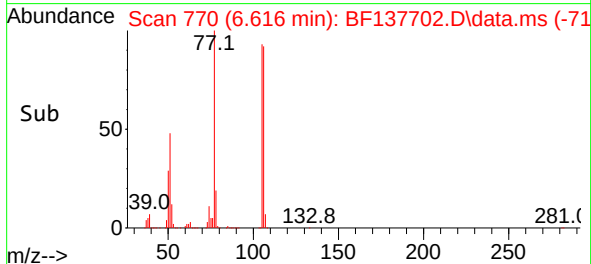
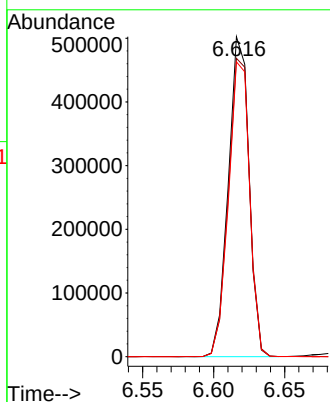
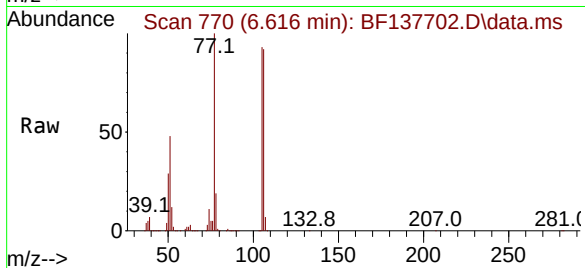




#9  
Benzaldehyde  
Concen: 35.482 ng  
RT: 6.616 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

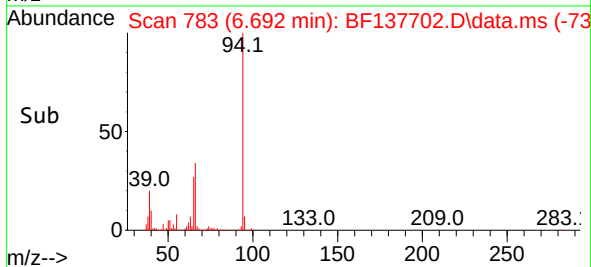
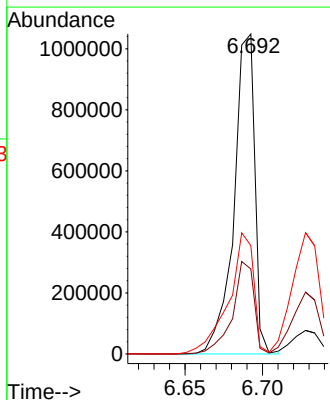
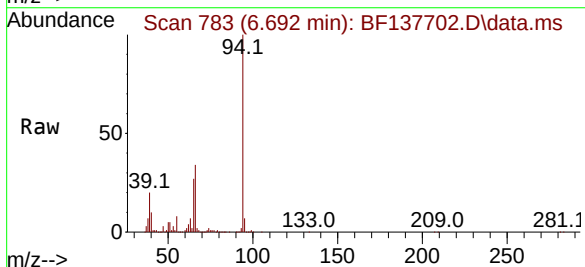
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 77 Resp: 509098  
Ion Ratio Lower Upper  
77 100  
105 93.3 73.3 113.3  
106 92.1 72.1 112.1

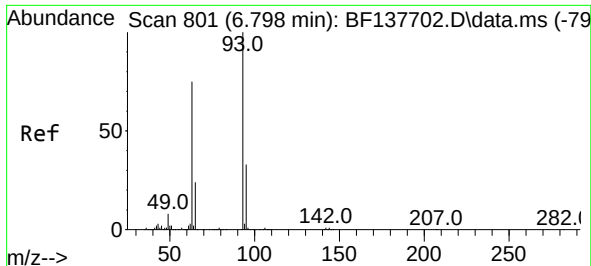


#10  
Phenol  
Concen: 38.388 ng  
RT: 6.692 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 94 Resp: 980498  
Ion Ratio Lower Upper  
94 100  
65 26.5 6.5 46.5  
66 33.9 13.9 53.9



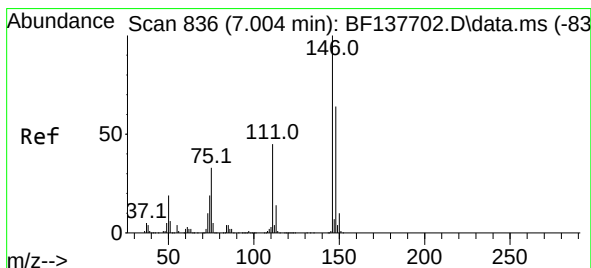
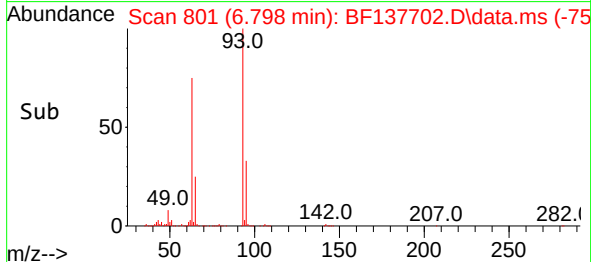
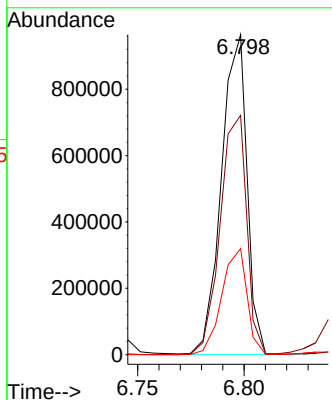
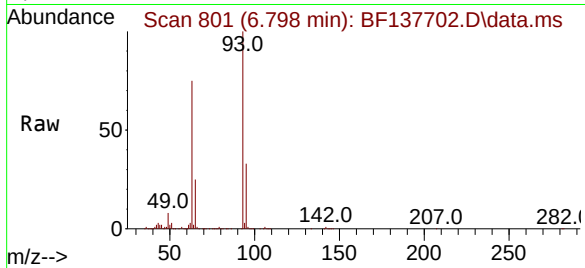




#11  
bis(2-Chloroethyl)ether  
Concen: 38.612 ng  
RT: 6.798 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

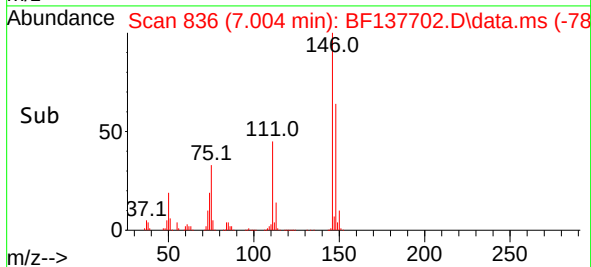
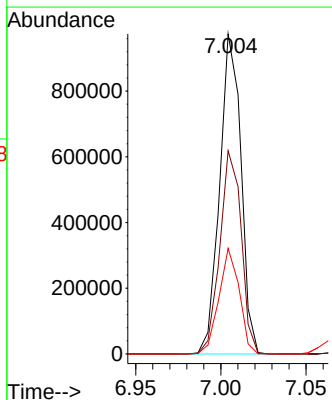
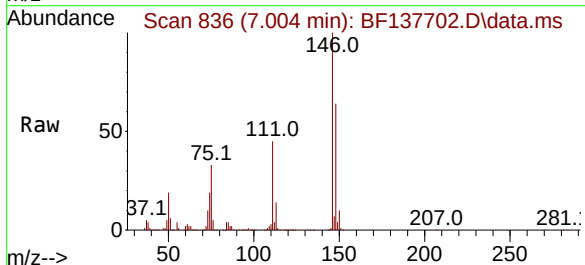
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

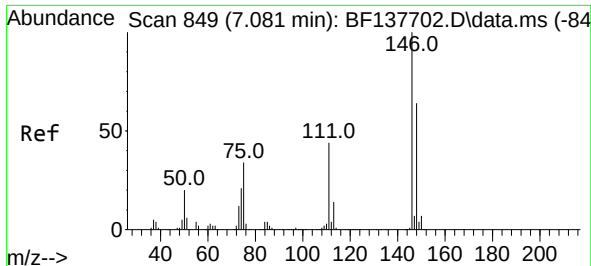
Tgt Ion: 93 Resp: 804412  
Ion Ratio Lower Upper  
93 100  
63 74.8 54.8 94.8  
95 33.2 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 38.390 ng  
RT: 7.004 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 146 Resp: 846128  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.8 76.2  
75 33.0 26.4 39.6

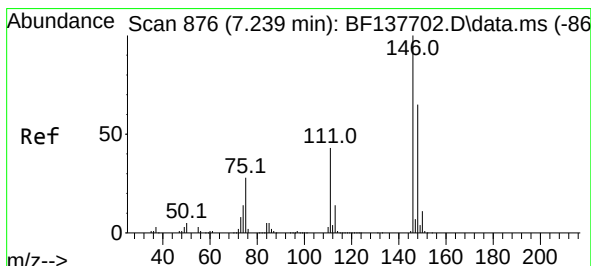
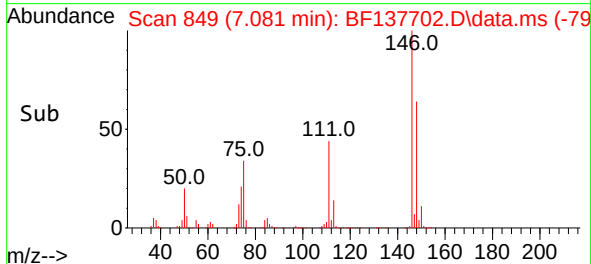
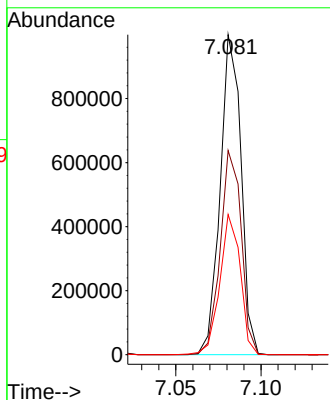
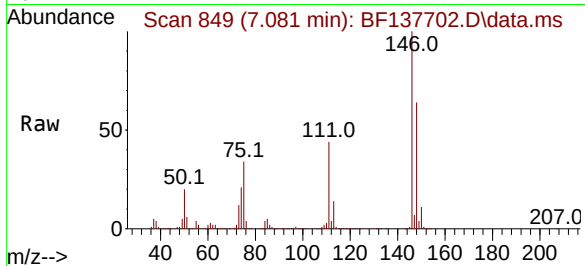




#13  
1,4-Dichlorobenzene  
Concen: 38.276 ng  
RT: 7.081 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

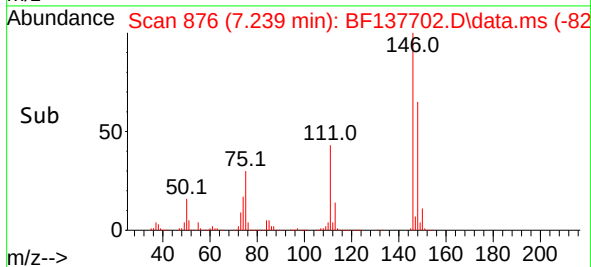
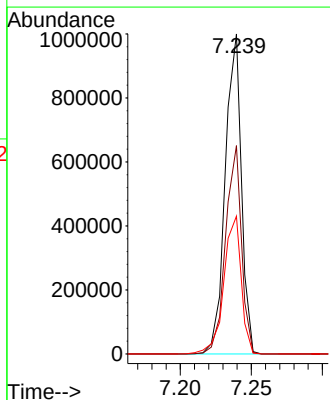
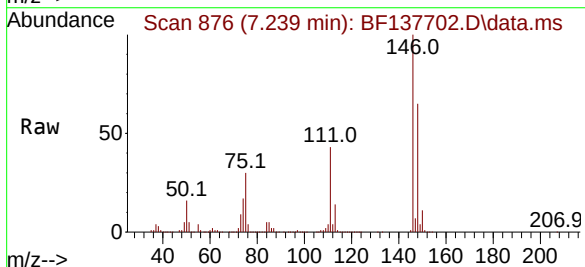
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

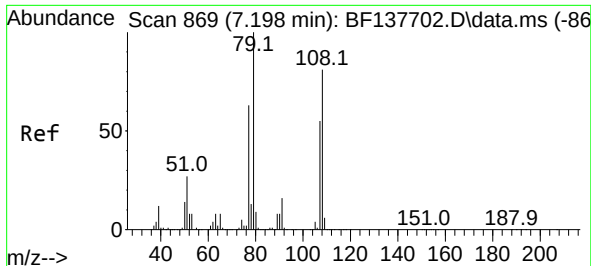
Tgt Ion:146 Resp: 849307  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.0 76.6  
111 43.8 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 38.323 ng  
RT: 7.239 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:146 Resp: 791543  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.1 78.1  
111 43.1 34.5 51.7

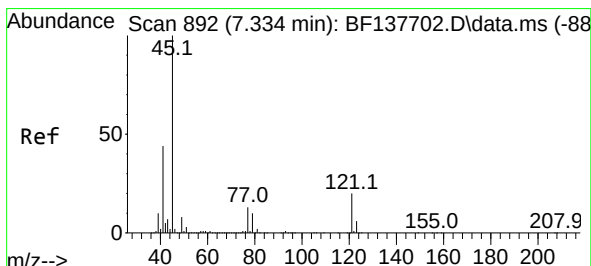
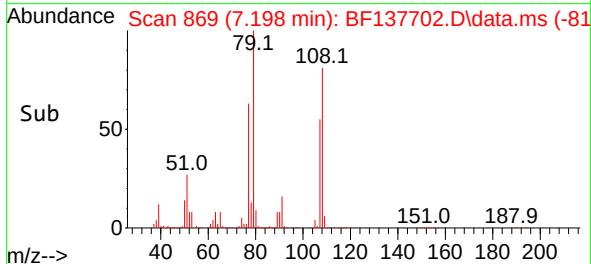
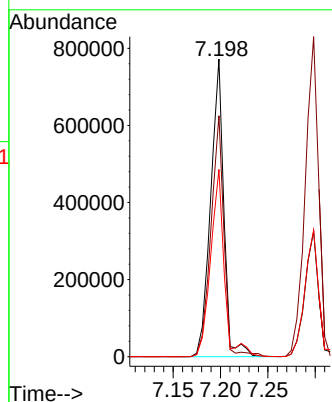
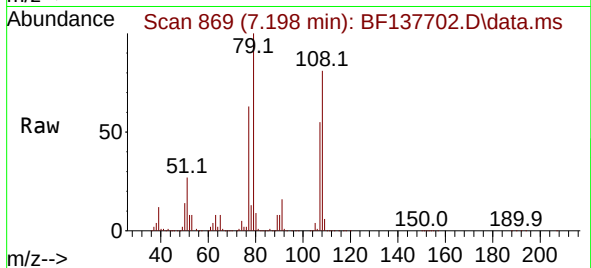




#15  
Benzyl Alcohol  
Concen: 39.021 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

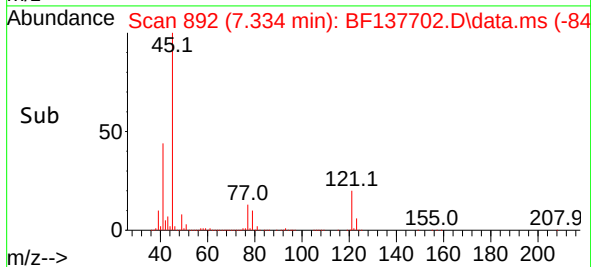
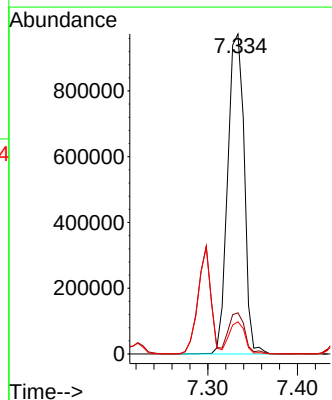
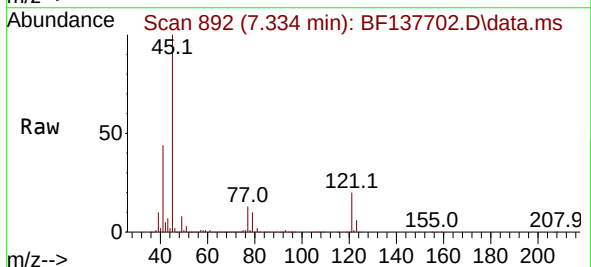
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

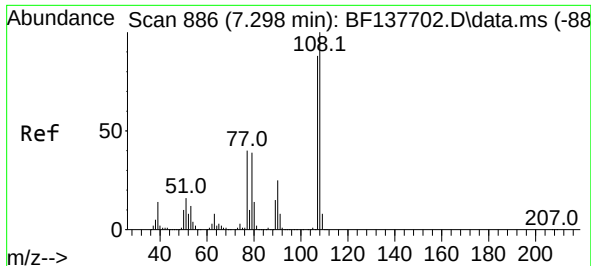
Tgt Ion: 79 Resp: 746319  
Ion Ratio Lower Upper  
79 100  
108 81.0 64.8 97.2  
77 62.9 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.779 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 45 Resp: 1242459  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 32.8  
79 10.1 0.0 30.1

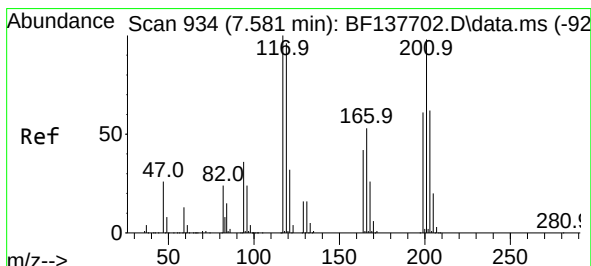
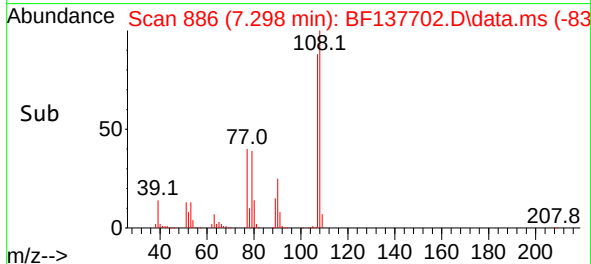
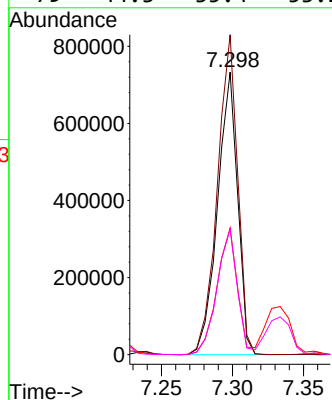
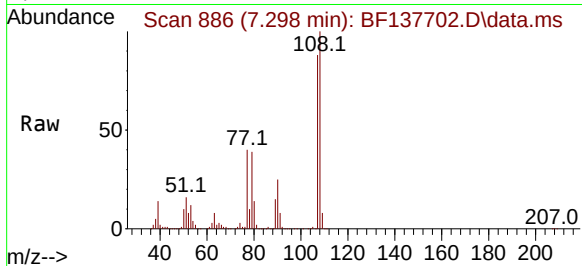




#17  
2-Methylphenol  
Concen: 38.550 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

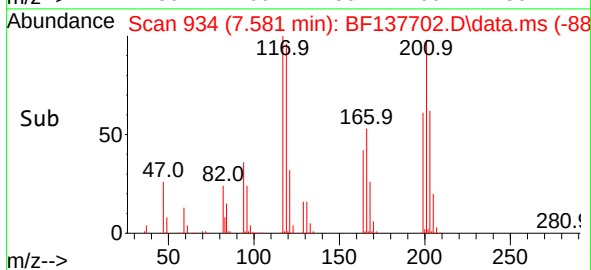
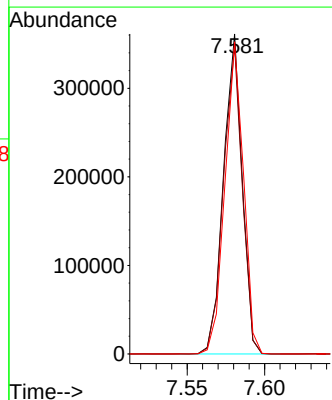
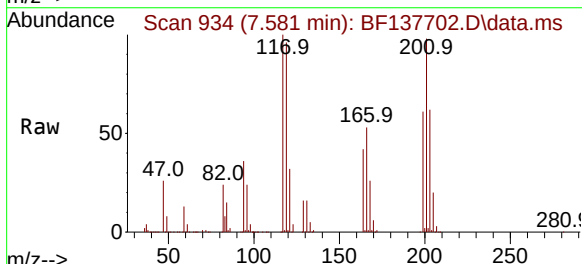
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

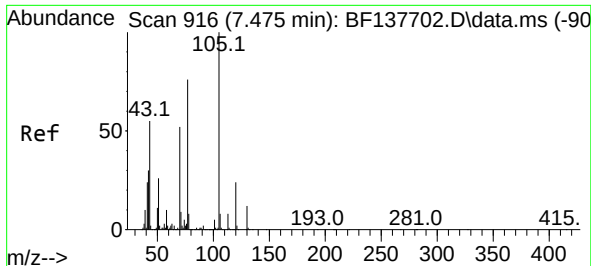
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 719829 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 90.6  | 135.8  |
| 77       | 44.8  | 35.8  | 53.8   |
| 79       | 44.3  | 35.4  | 53.2   |



#18  
Hexachloroethane  
Concen: 38.529 ng  
RT: 7.581 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 302580 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.4  | 77.1  | 115.7  |
| 201      | 97.6  | 78.1  | 117.1  |

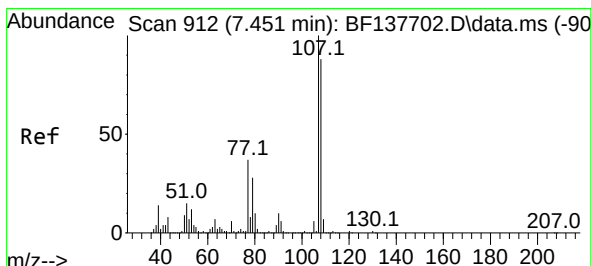
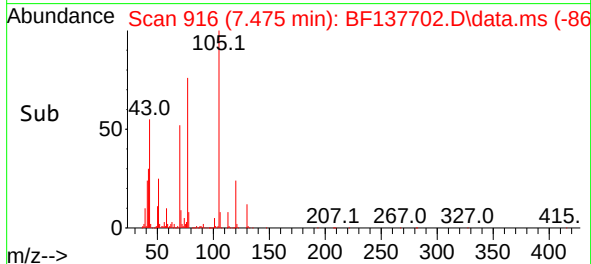
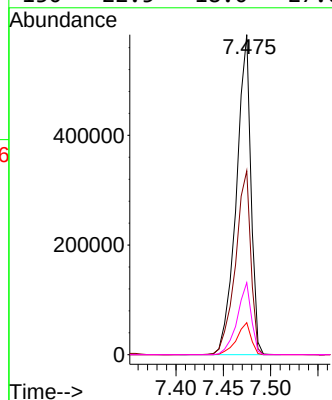
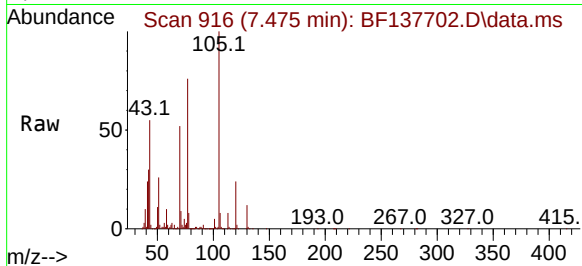




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.792 ng  
RT: 7.475 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

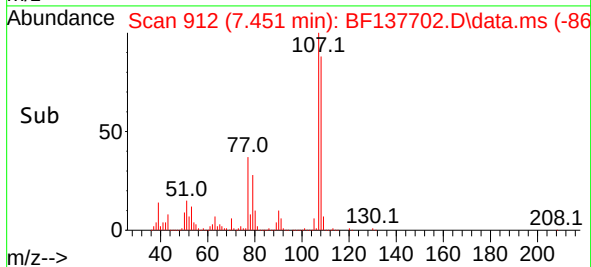
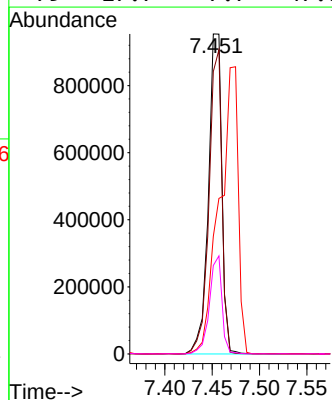
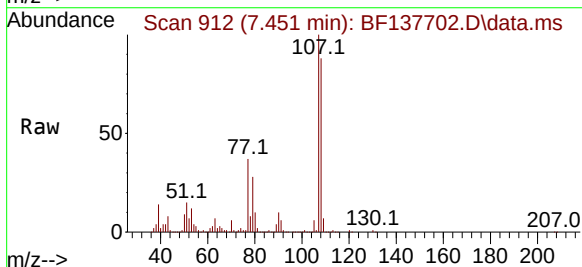
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

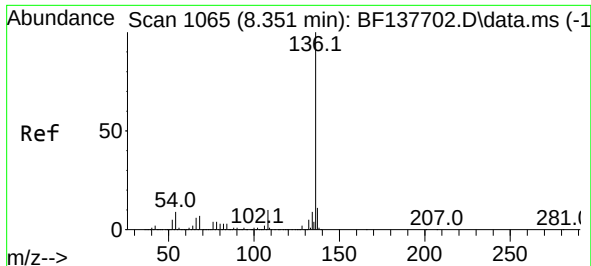
Tgt Ion: 70 Resp: 624808  
Ion Ratio Lower Upper  
70 100  
42 57.4 45.9 68.9  
101 10.0 8.0 12.0  
130 22.5 18.0 27.0



#20  
3+4-Methylphenols  
Concen: 39.060 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 107 Resp: 941991  
Ion Ratio Lower Upper  
107 100  
108 88.2 68.2 108.2  
77 36.8 16.8 56.8  
79 27.7 7.7 47.7

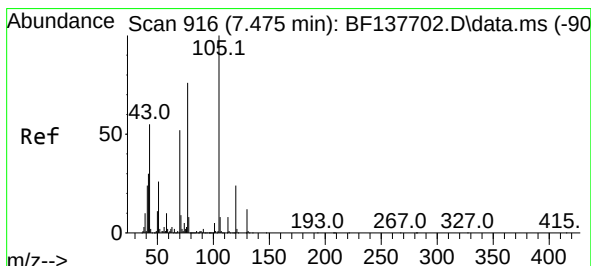
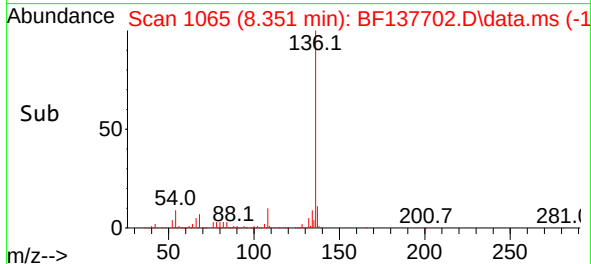
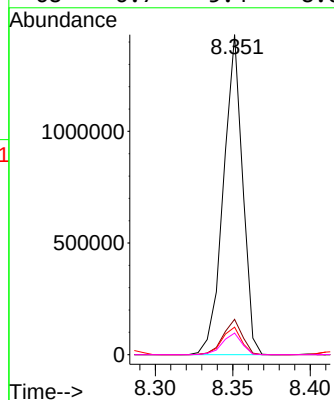
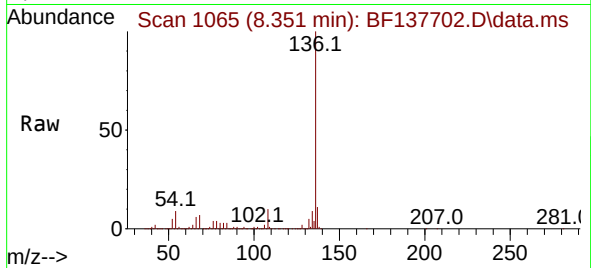




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.351 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

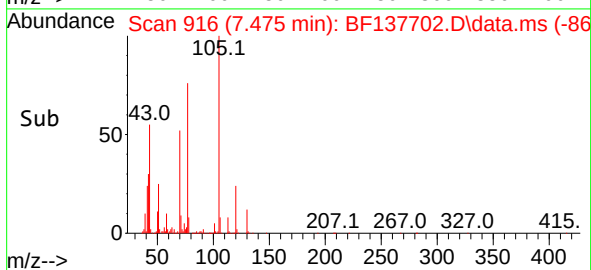
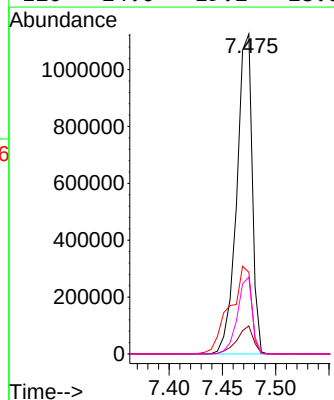
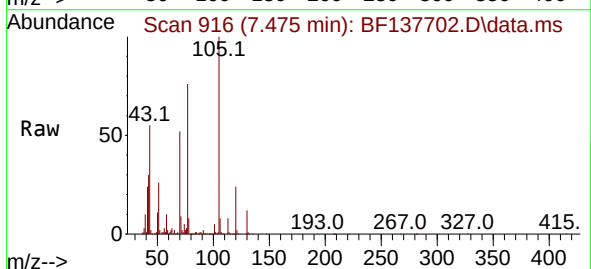
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

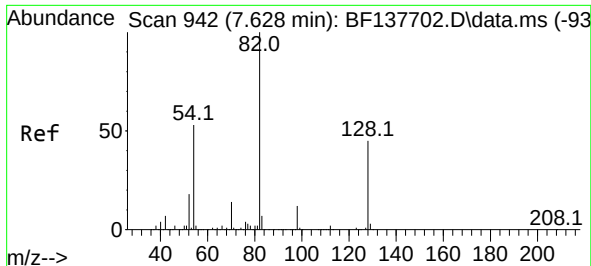
Tgt Ion:136 Resp: 1230214  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.6 6.9 10.3  
68 6.7 5.4 8.0



#22  
Acetophenone  
Concen: 37.800 ng  
RT: 7.475 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:105 Resp: 1137379  
Ion Ratio Lower Upper  
105 100  
71 8.8 7.0 10.6  
51 25.6 20.5 30.7  
120 24.0 19.2 28.8

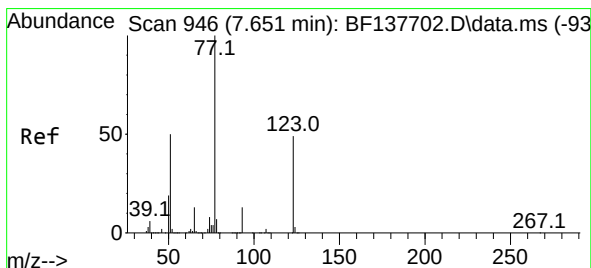
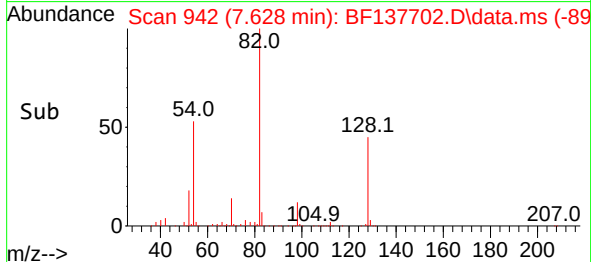
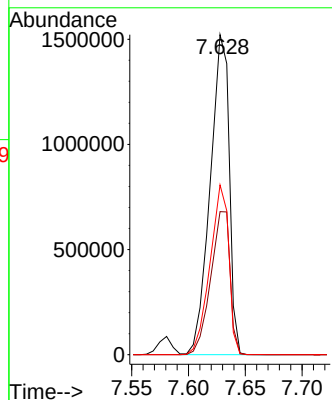
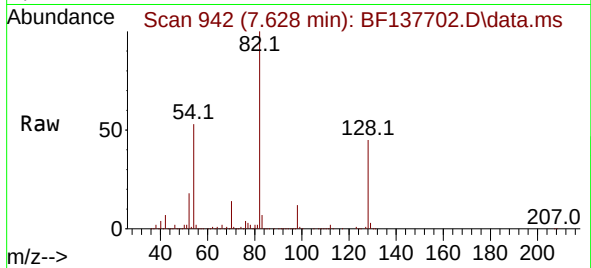




#23  
Nitrobenzene-d5  
Concen: 76.543 ng  
RT: 7.628 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

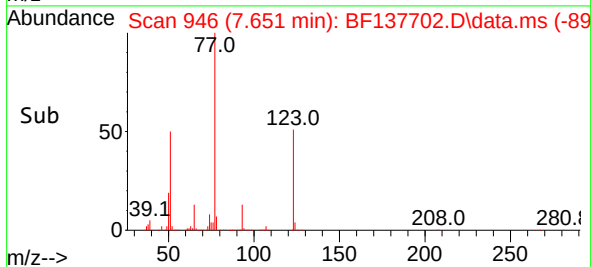
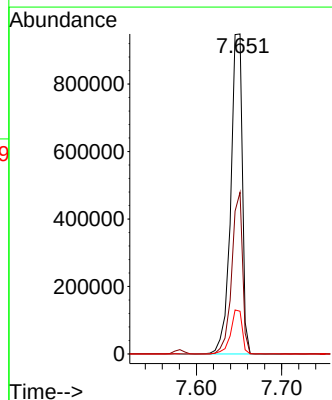
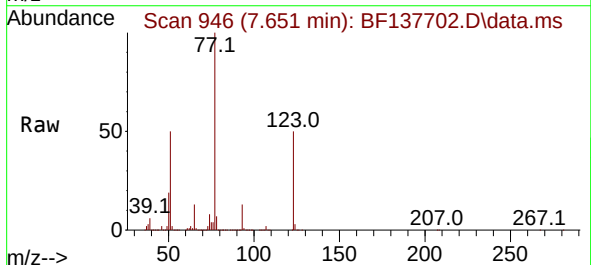
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

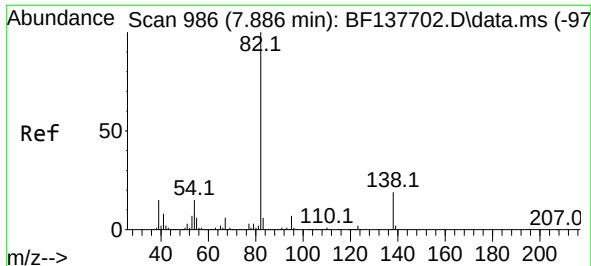
Tgt Ion: 82 Resp: 1773905  
Ion Ratio Lower Upper  
82 100  
128 44.7 35.8 53.6  
54 53.1 42.5 63.7



#24  
Nitrobenzene  
Concen: 38.412 ng  
RT: 7.651 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 77 Resp: 899373  
Ion Ratio Lower Upper  
77 100  
123 50.5 40.4 60.6  
65 13.4 10.7 16.1

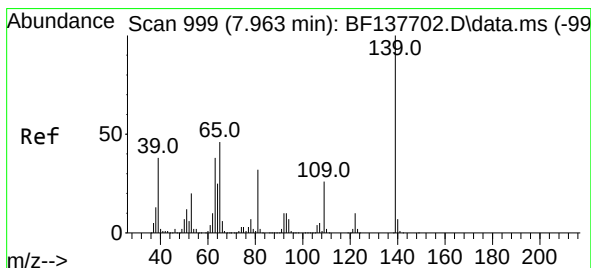
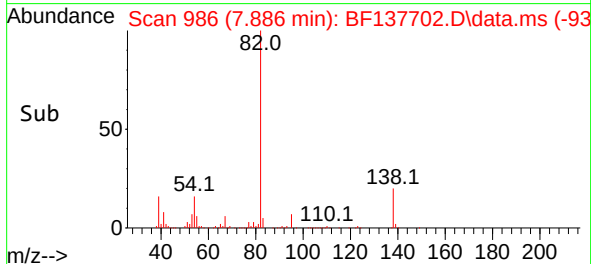
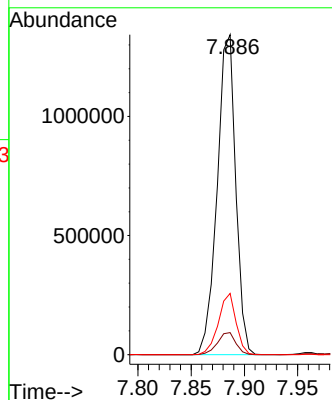
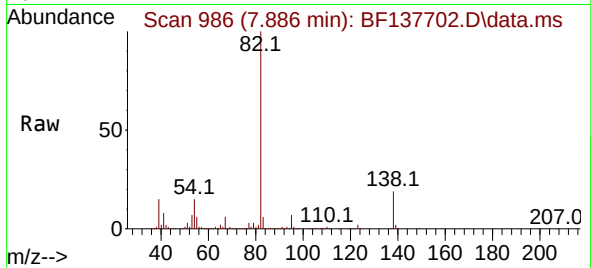




#25  
Isophorone  
Concen: 37.643 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

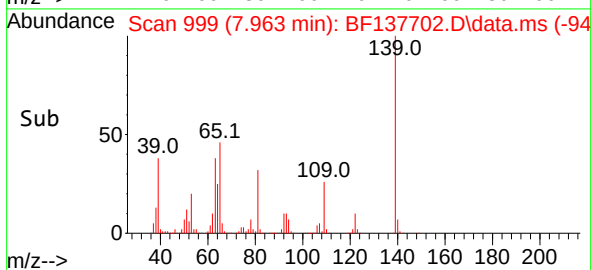
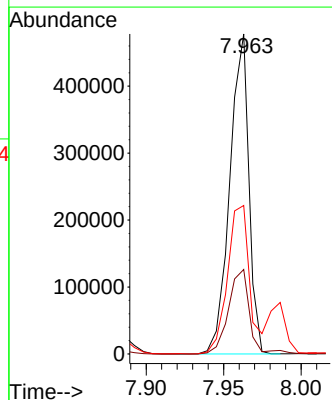
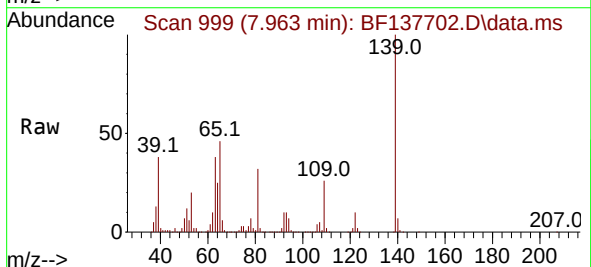
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 82 Resp: 1620213  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 19.1 15.3 22.9

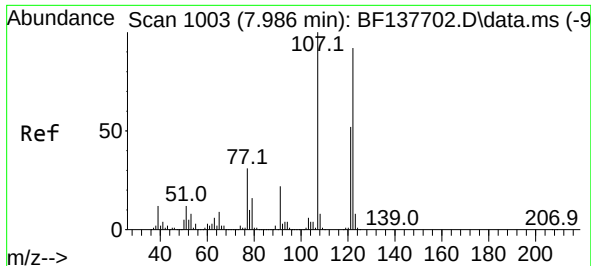


#26  
2-Nitrophenol  
Concen: 39.789 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 139 Resp: 408828  
Ion Ratio Lower Upper  
139 100  
109 26.4 21.1 31.7  
65 46.4 37.1 55.7



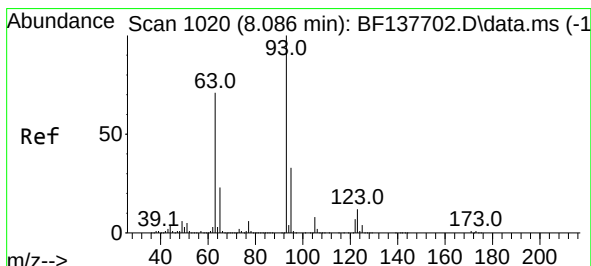
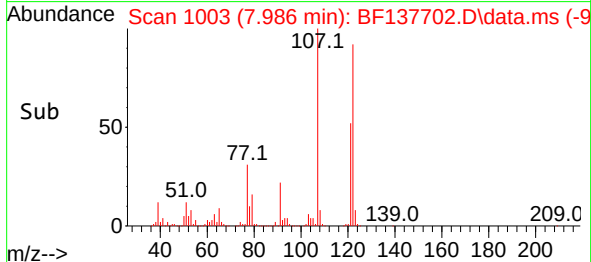
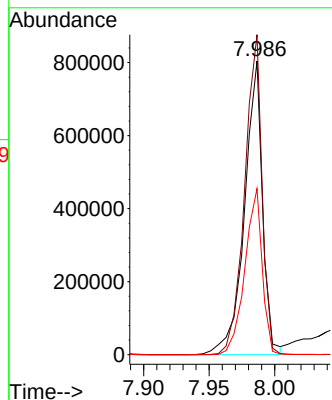
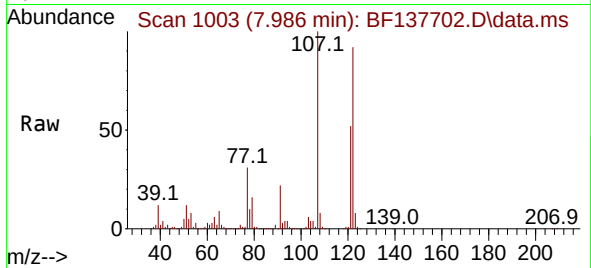




#27  
2,4-Dimethylphenol  
Concen: 37.193 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

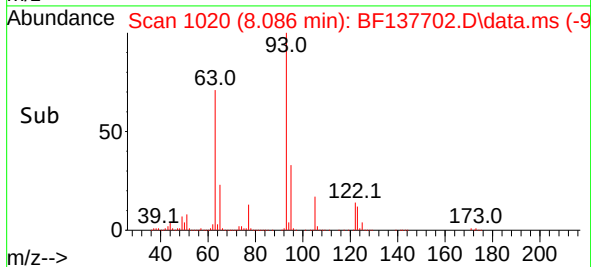
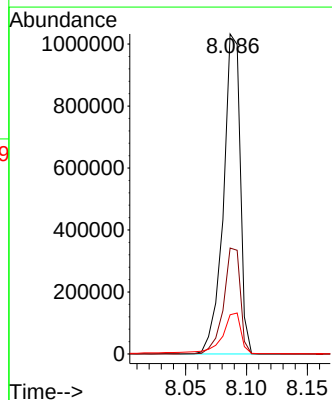
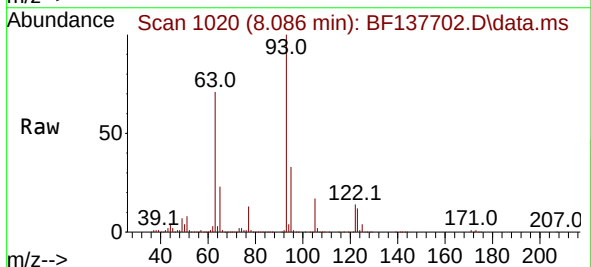
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

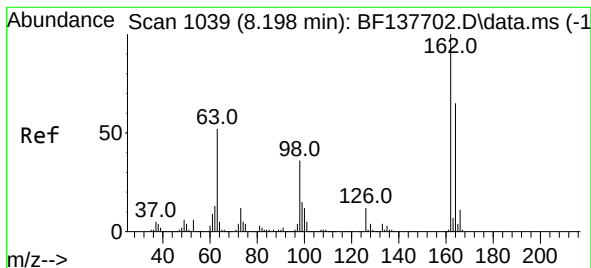
Tgt Ion:122 Resp: 770994  
Ion Ratio Lower Upper  
122 100  
107 109.0 87.2 130.8  
121 56.5 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.776 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion: 93 Resp: 993112  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.5 39.7  
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 38.032 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

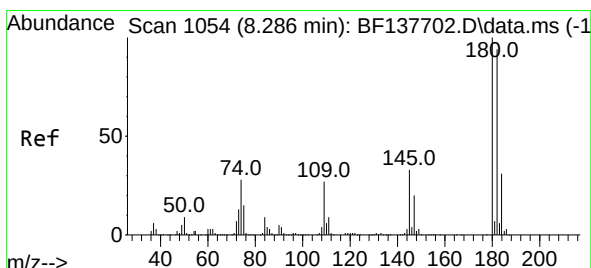
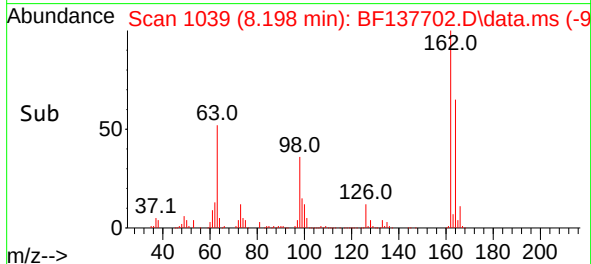
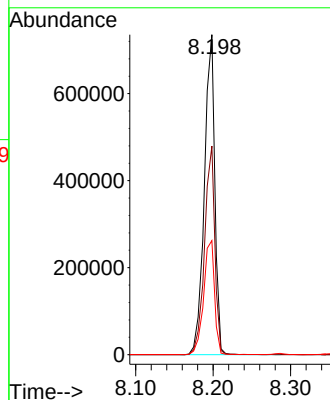
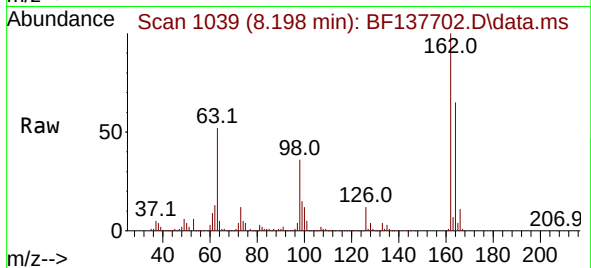
Tgt Ion:162 Resp: 690941

Ion Ratio Lower Upper

162 100

164 65.2 45.2 85.2

98 35.7 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 37.838 ng

RT: 8.286 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

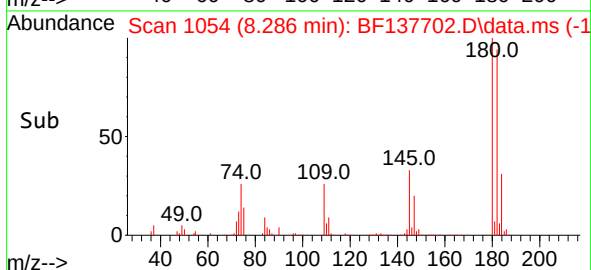
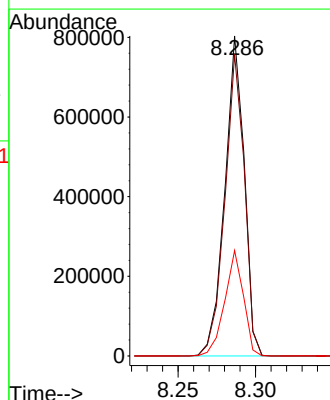
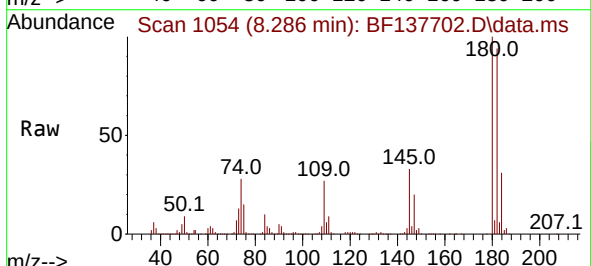
Tgt Ion:180 Resp: 700671

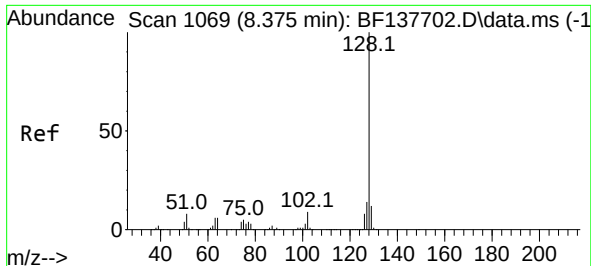
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 32.9 26.3 39.5

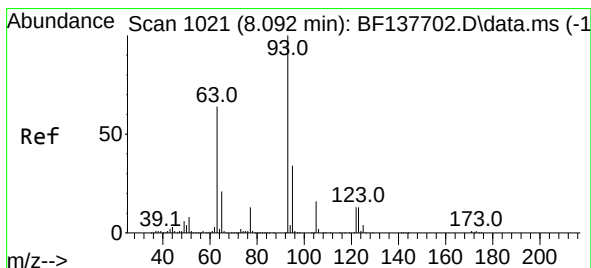
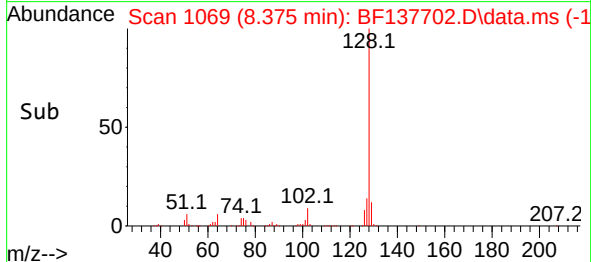
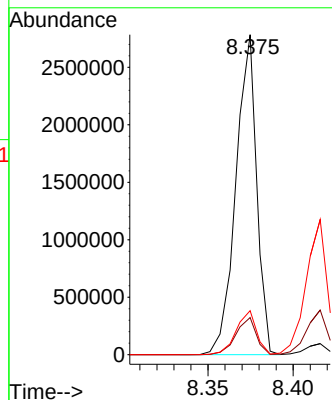
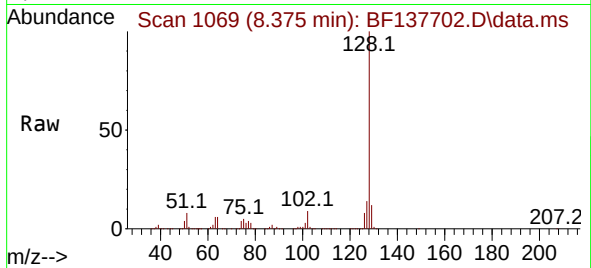




#31  
Naphthalene  
Concen: 37.792 ng  
RT: 8.375 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

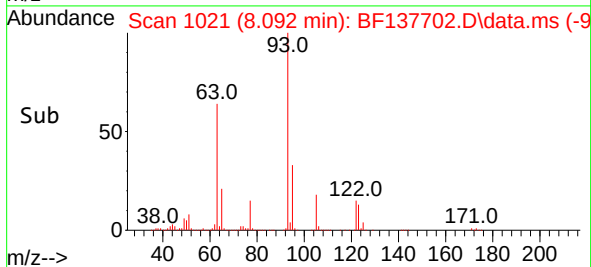
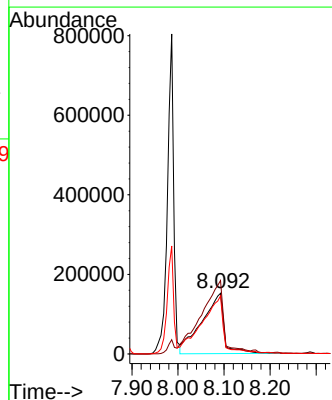
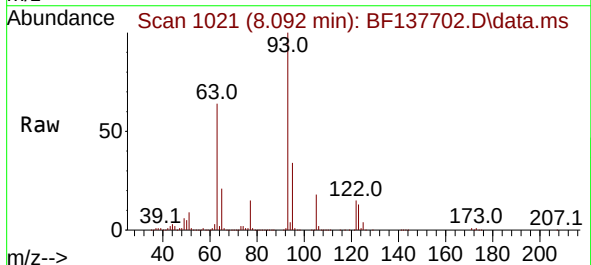
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

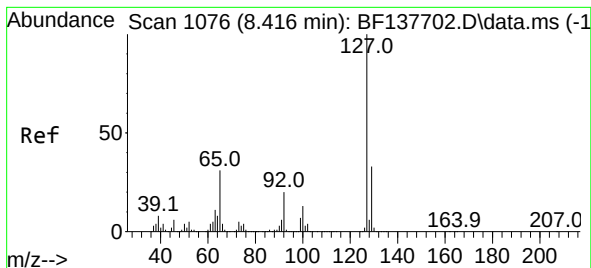
Tgt Ion:128 Resp: 2372477  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.3 13.9  
127 13.8 11.0 16.6



#32  
Benzoic acid  
Concen: 39.436 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:122 Resp: 517619  
Ion Ratio Lower Upper  
122 100  
105 121.1 101.1 141.1  
77 95.7 75.7 115.7





#33

4-Chloroaniline

Concen: 37.902 ng

RT: 8.416 min Scan# 1076

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1007124

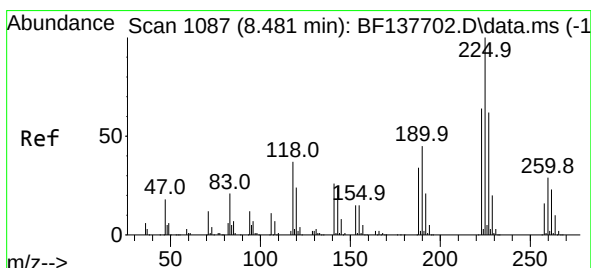
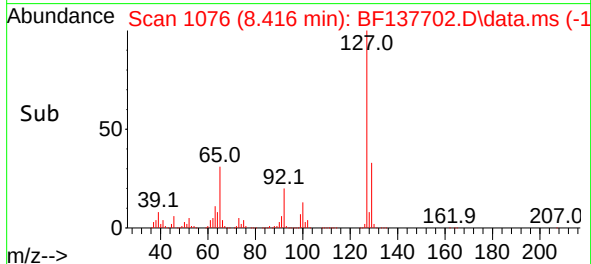
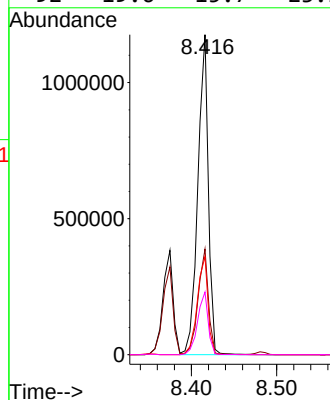
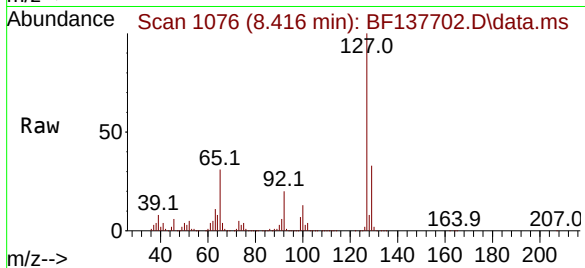
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 30.7 24.6 36.8

92 19.6 15.7 23.5



#34

Hexachlorobutadiene

Concen: 38.265 ng

RT: 8.481 min Scan# 1087

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

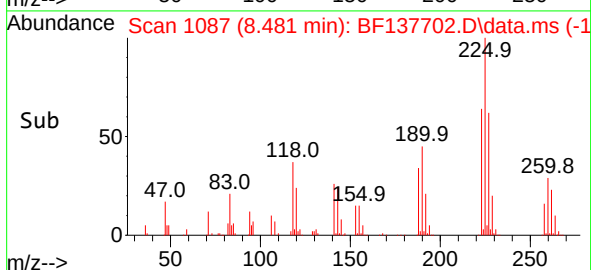
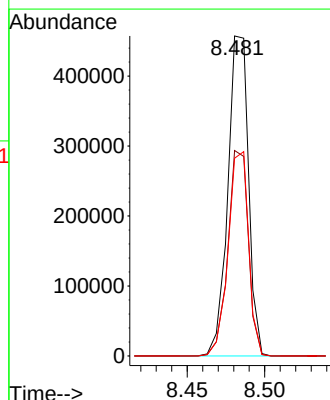
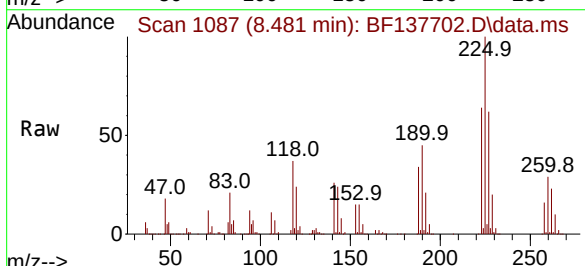
Tgt Ion:225 Resp: 424795

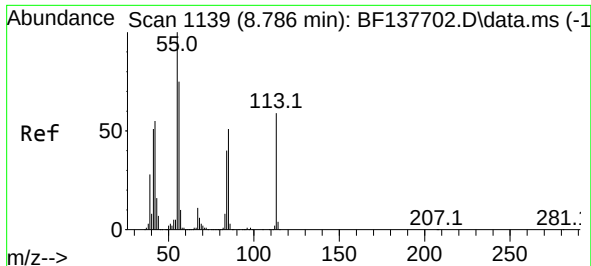
Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

227 61.8 49.4 74.2

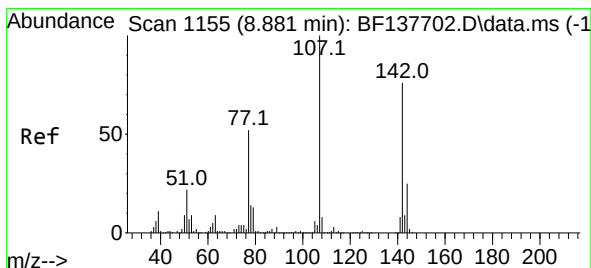
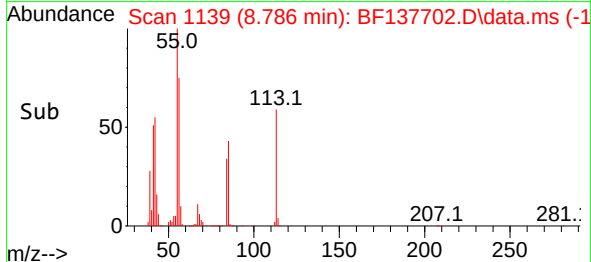
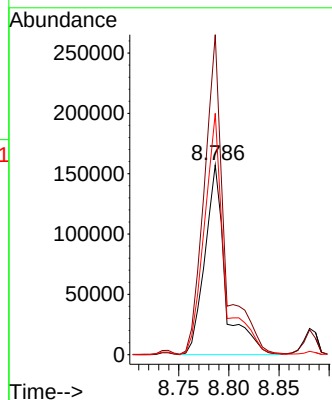
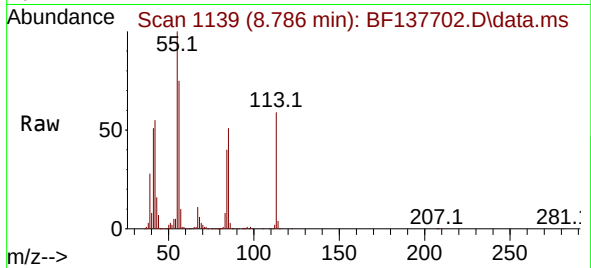




#35  
Caprolactam  
Concen: 38.234 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

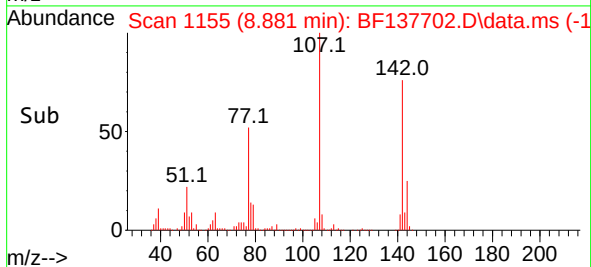
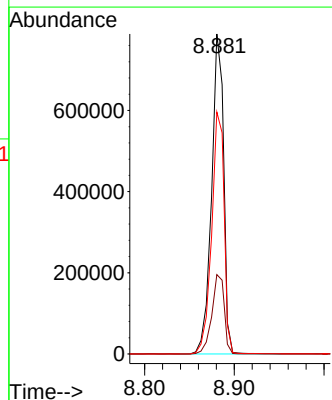
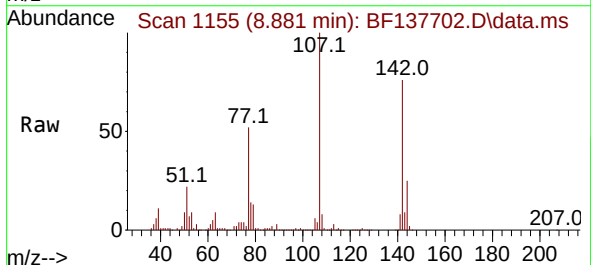
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

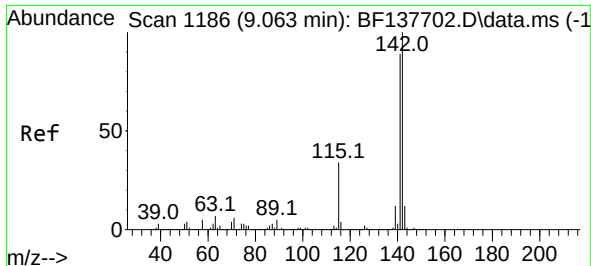
Tgt Ion:113 Resp: 224575  
Ion Ratio Lower Upper  
113 100  
55 168.7 148.7 188.7  
56 127.2 107.2 147.2



#36  
4-Chloro-3-methylphenol  
Concen: 38.233 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:107 Resp: 736703  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.8 29.8  
142 75.6 60.5 90.7





#37

2-Methylnaphthalene

Concen: 37.454 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

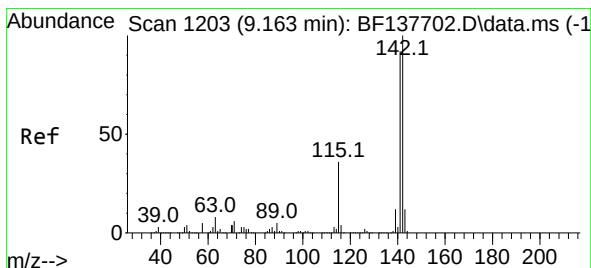
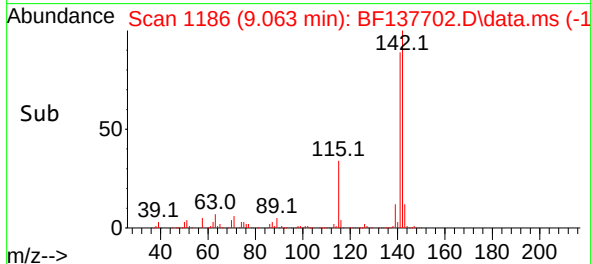
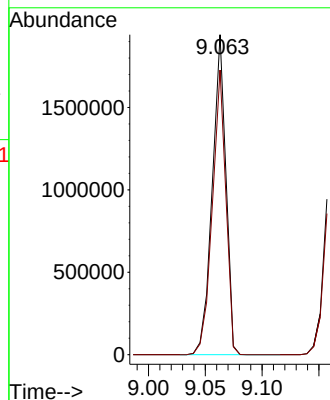
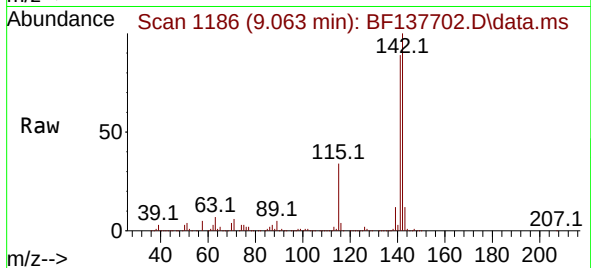
SSTDICCC040

Tgt Ion:142 Resp: 1613834

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 37.399 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137702.D

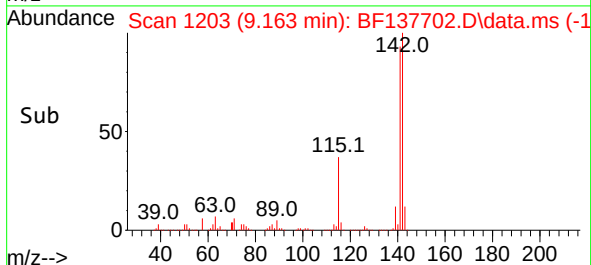
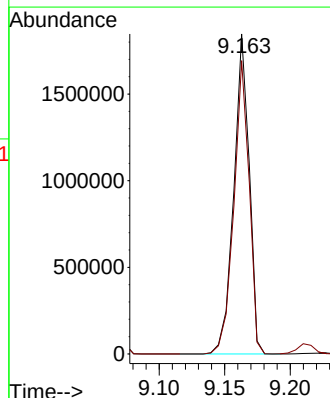
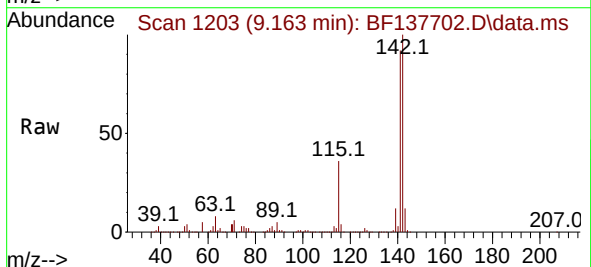
Acq: 23 Apr 2024 19:22

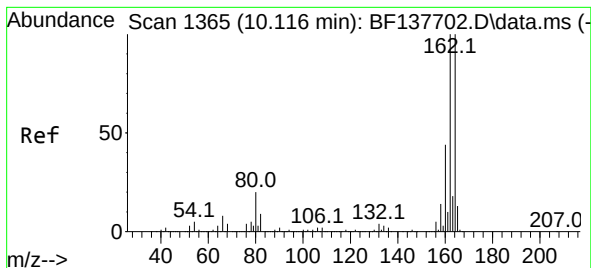
Tgt Ion:142 Resp: 1506650

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.116 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

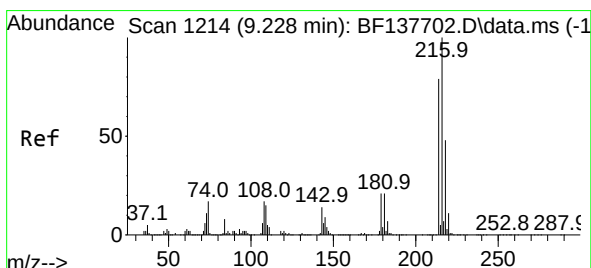
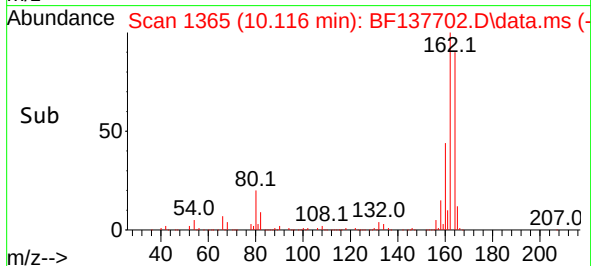
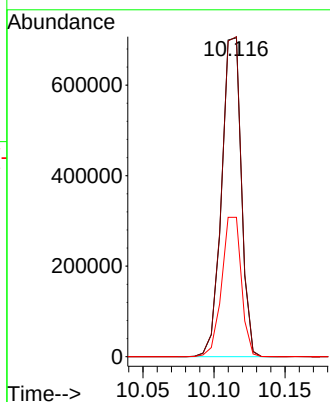
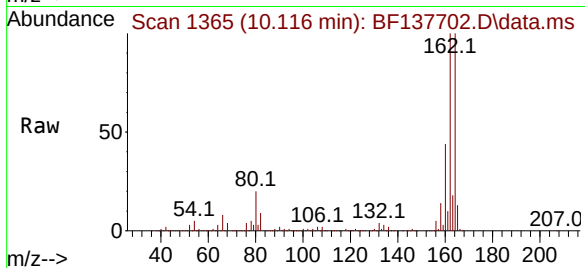
Tgt Ion:164 Resp: 677967

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

160 43.7 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.906 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Tgt Ion:216 Resp: 704542

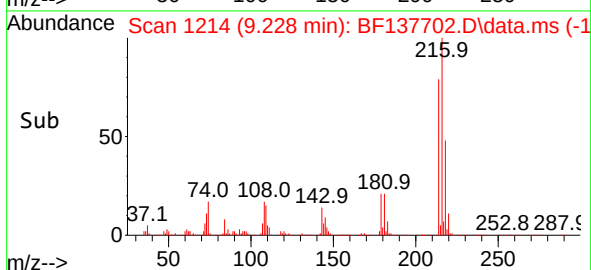
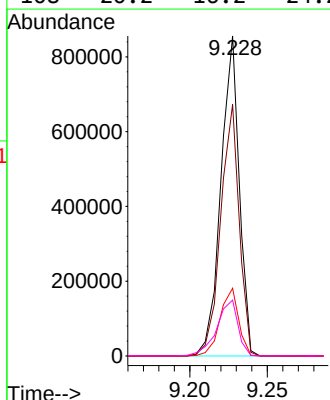
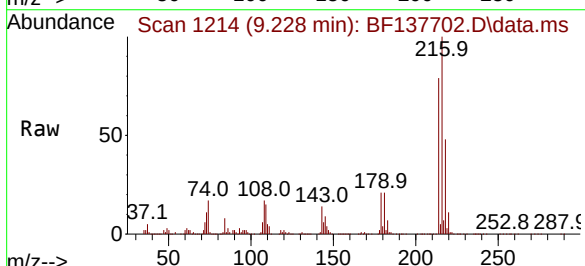
Ion Ratio Lower Upper

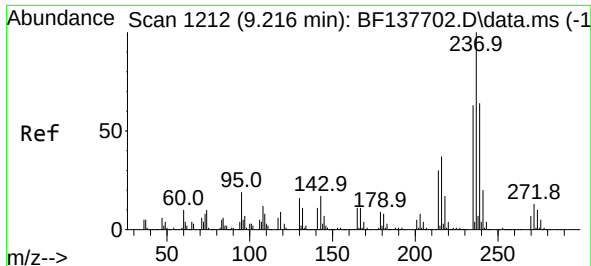
216 100

214 79.2 63.4 95.0

179 21.4 17.1 25.7

108 20.2 16.2 24.2

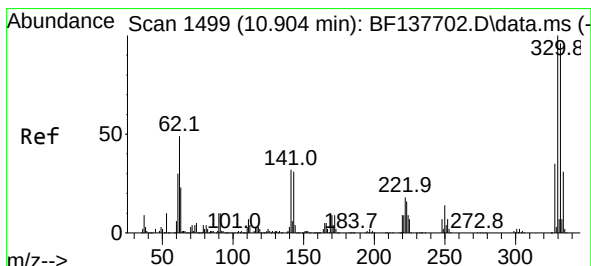
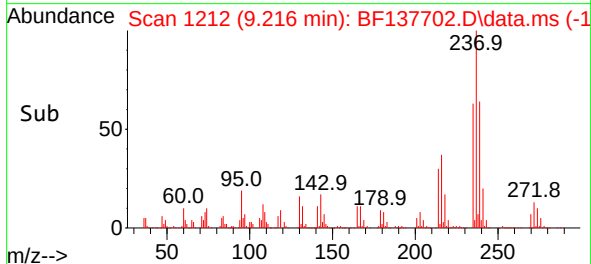
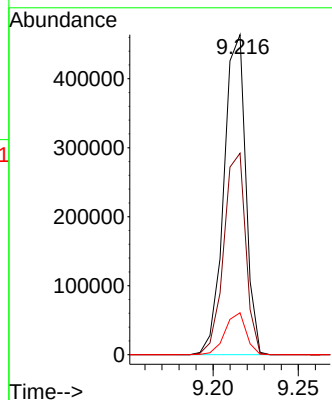
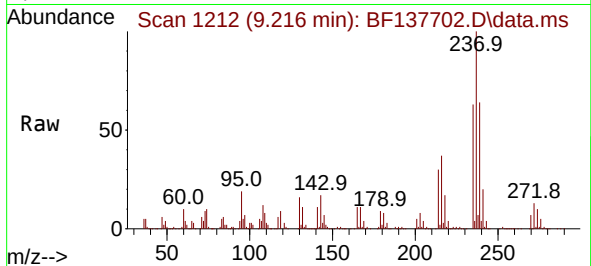




#41  
Hexachlorocyclopentadiene  
Concen: 39.645 ng  
RT: 9.216 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

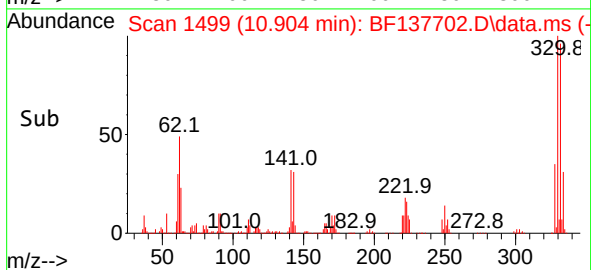
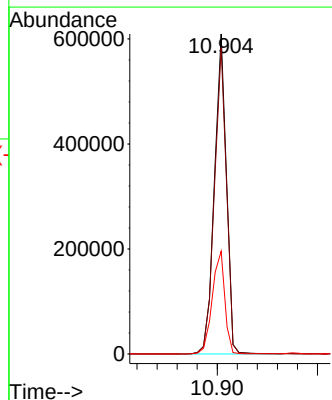
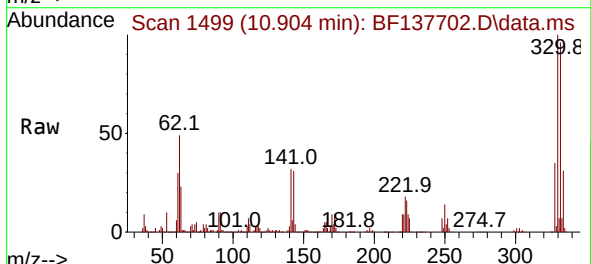
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:237 Resp: 412873  
Ion Ratio Lower Upper  
237 100  
235 62.9 42.9 82.9  
272 13.1 0.0 33.1

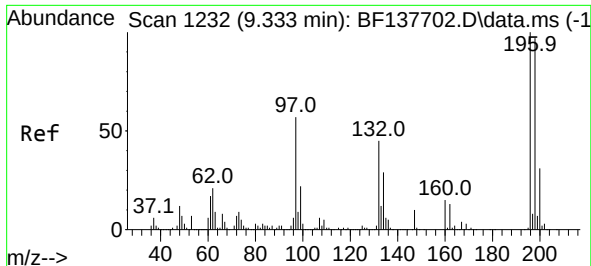


#42  
2,4,6-Tribromophenol  
Concen: 74.079 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:330 Resp: 506788  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.1 115.7  
141 33.7 27.0 40.4



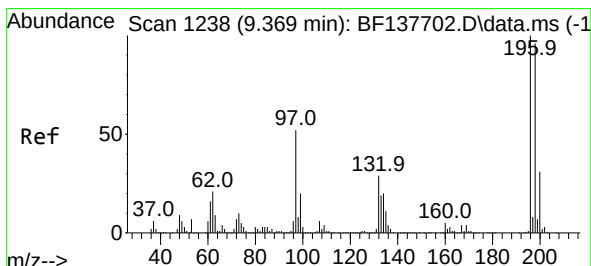
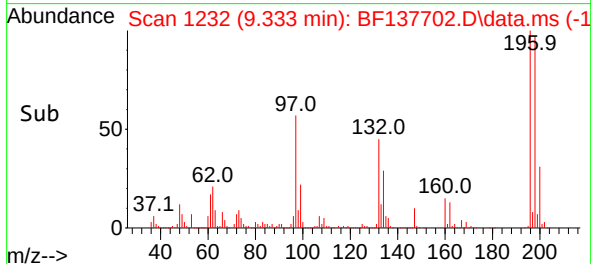
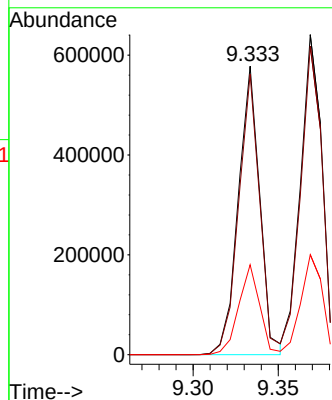
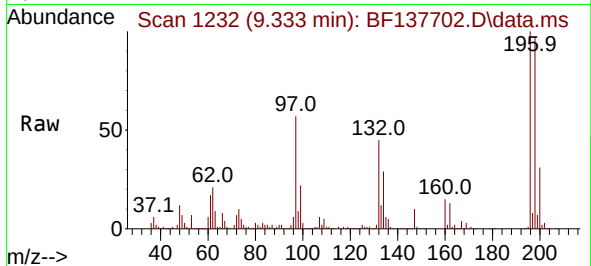




#43  
2,4,6-Trichlorophenol  
Concen: 38.758 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

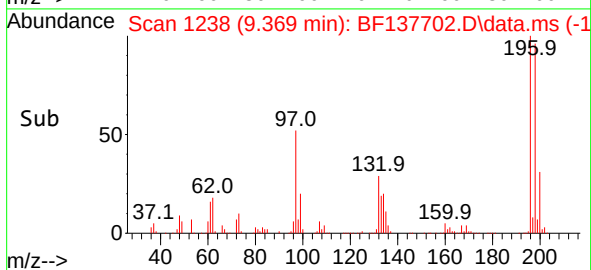
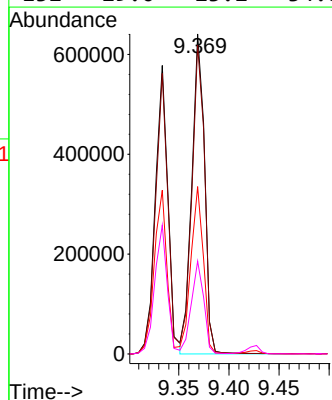
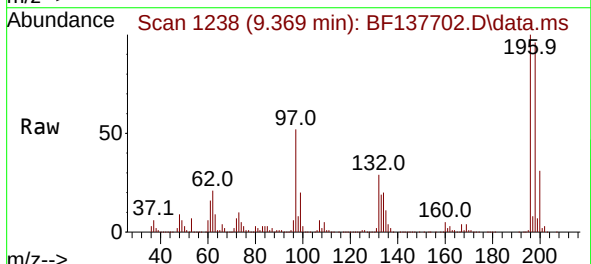
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

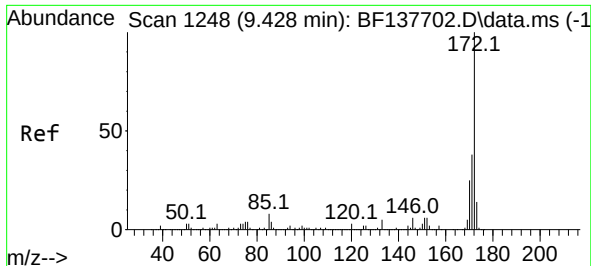
Tgt Ion:196 Resp: 505365  
Ion Ratio Lower Upper  
196 100  
198 97.2 77.8 116.6  
200 31.2 25.0 37.4



#44  
2,4,5-Trichlorophenol  
Concen: 37.877 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:196 Resp: 566011  
Ion Ratio Lower Upper  
196 100  
198 96.5 77.2 115.8  
97 52.3 41.8 62.8  
132 29.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 71.102 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

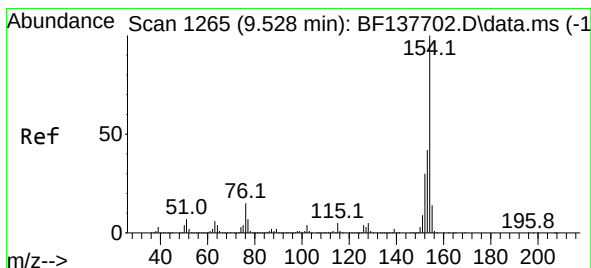
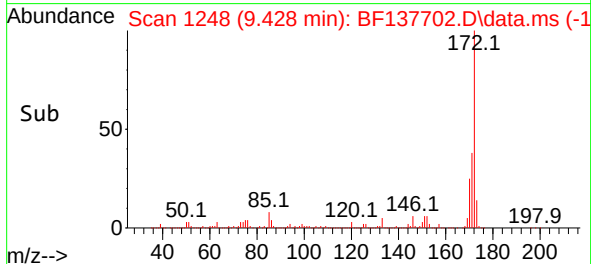
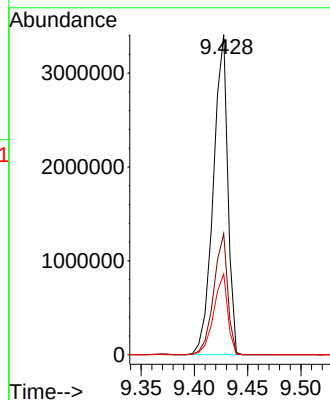
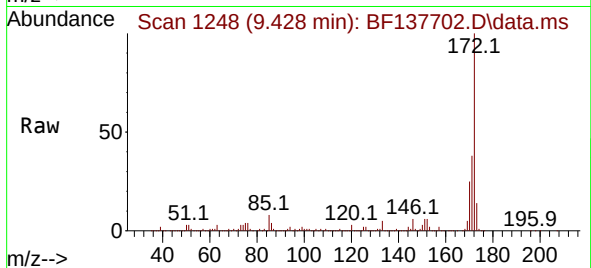
Tgt Ion:172 Resp: 3226133

Ion Ratio Lower Upper

172 100

171 37.8 30.2 45.4

170 25.3 20.2 30.4



#46

1,1'-Biphenyl

Concen: 37.869 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

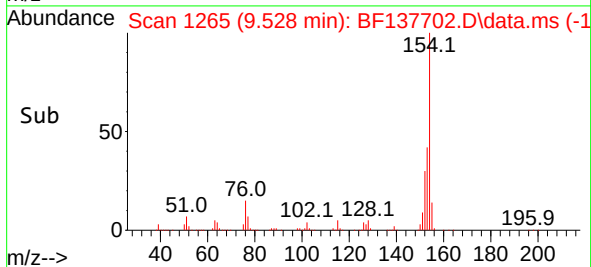
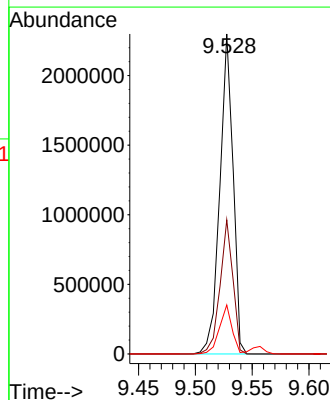
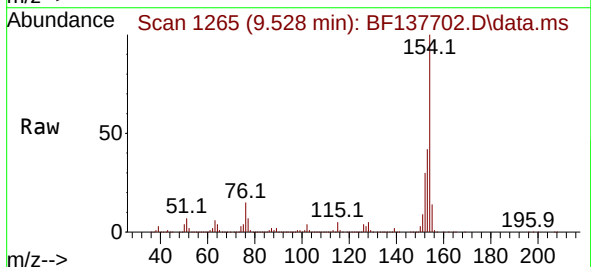
Tgt Ion:154 Resp: 1867734

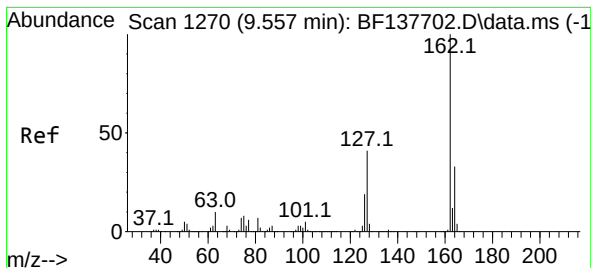
Ion Ratio Lower Upper

154 100

153 41.9 21.9 61.9

76 15.3 0.0 35.3





#47

2-Chloronaphthalene

Concen: 37.726 ng

RT: 9.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

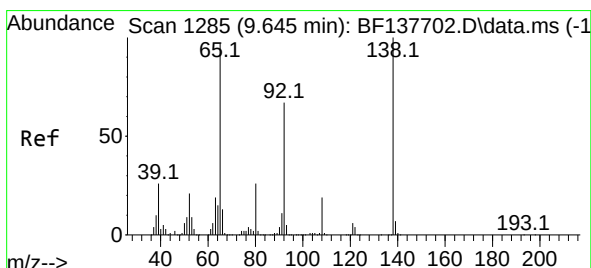
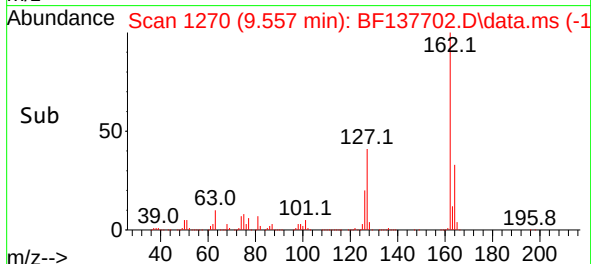
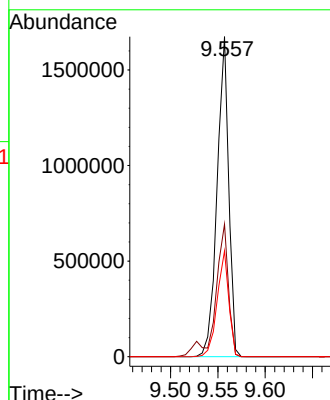
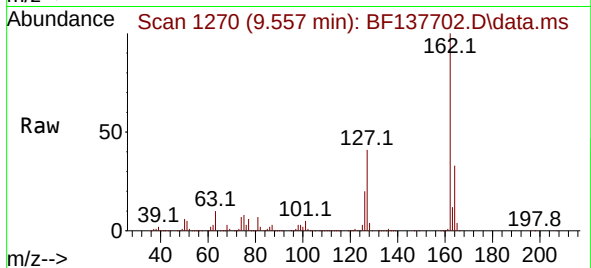
Tgt Ion:162 Resp: 1434320

Ion Ratio Lower Upper

162 100

127 41.4 33.1 49.7

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 39.469 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

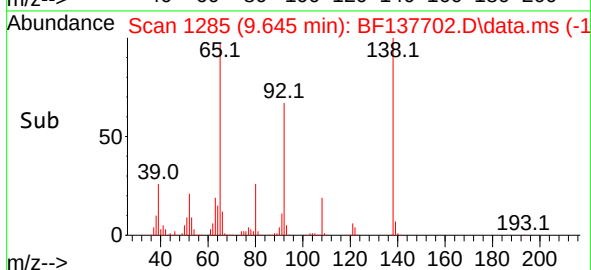
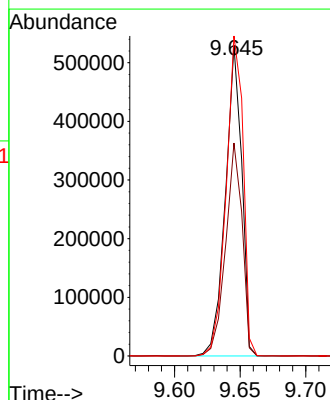
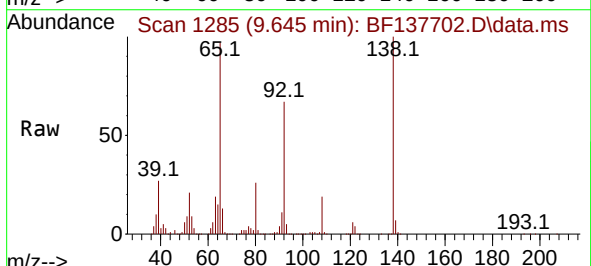
Tgt Ion: 65 Resp: 457264

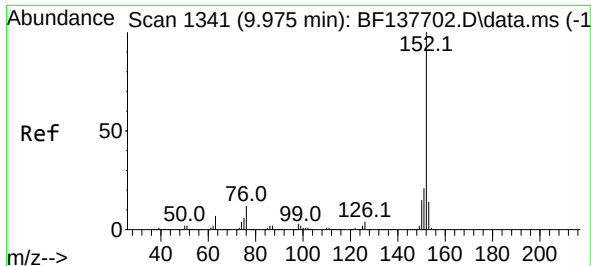
Ion Ratio Lower Upper

65 100

92 68.6 54.9 82.3

138 103.0 82.4 123.6





#49

Acenaphthylene

Concen: 37.852 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

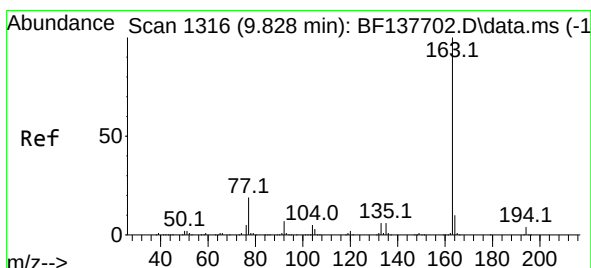
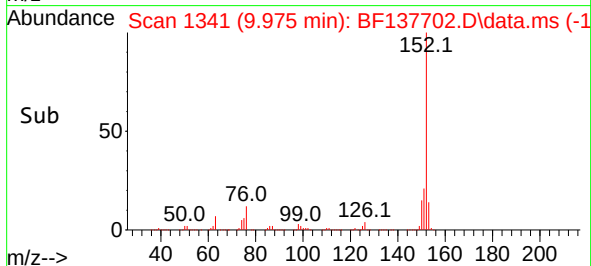
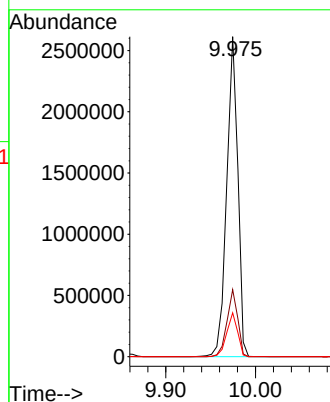
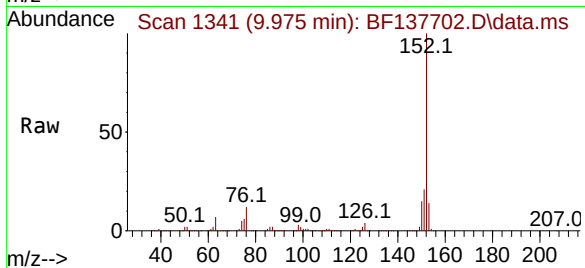
Tgt Ion:152 Resp: 2244252

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 37.081 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

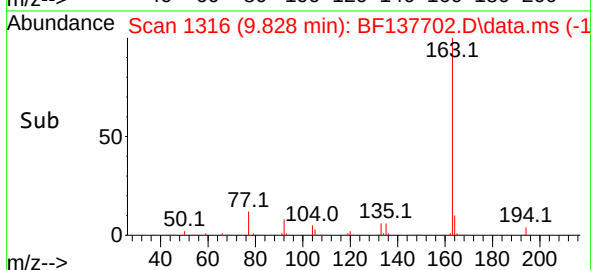
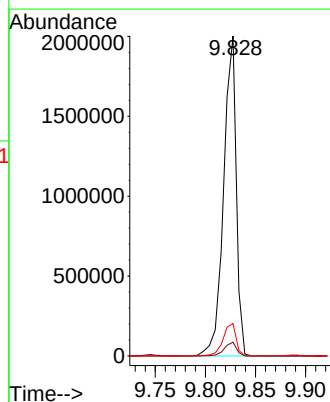
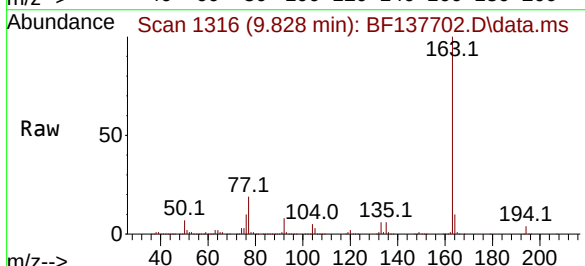
Tgt Ion:163 Resp: 1751521

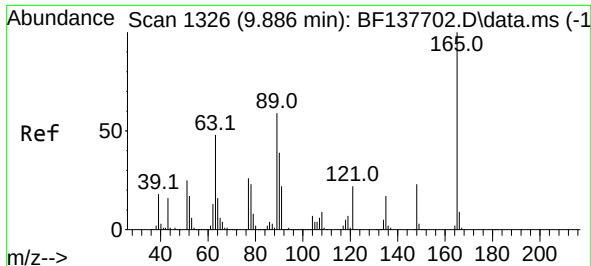
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

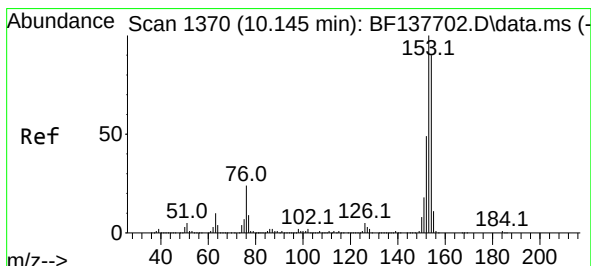
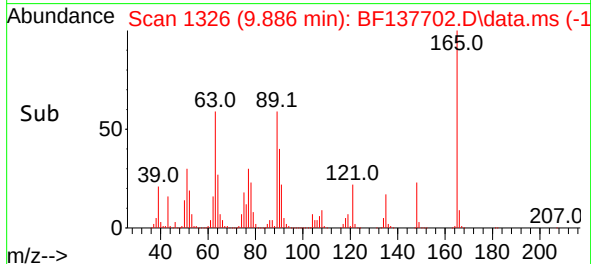
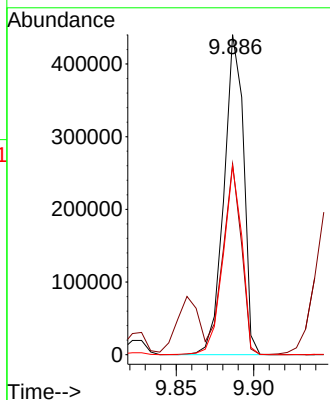
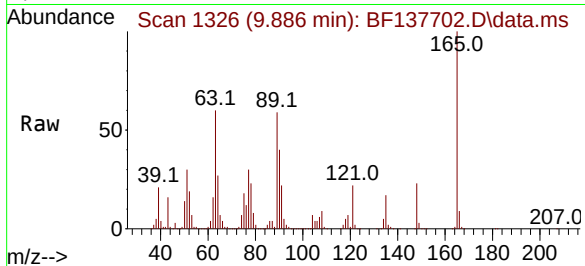




#51  
2,6-Dinitrotoluene  
Concen: 38.983 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

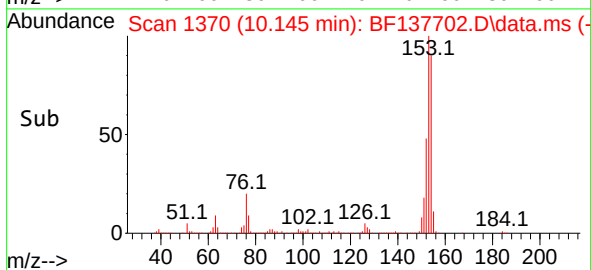
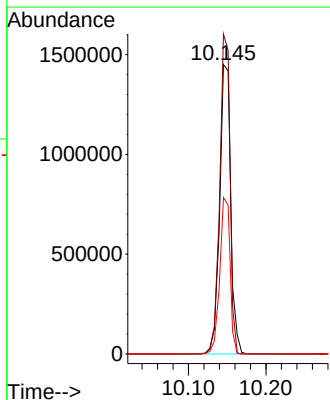
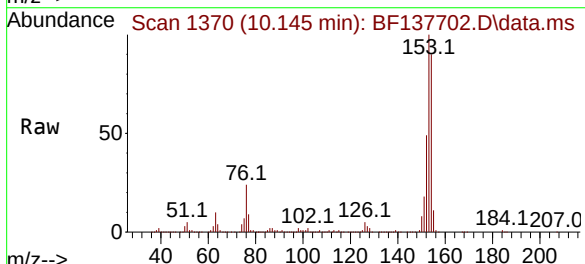
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

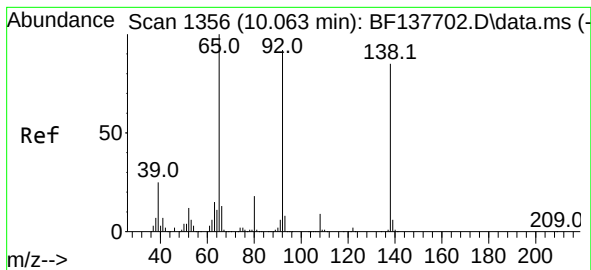
Tgt Ion:165 Resp: 387977  
Ion Ratio Lower Upper  
165 100  
63 59.6 47.7 71.5  
89 59.1 47.3 70.9



#52  
Acenaphthene  
Concen: 37.409 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:154 Resp: 1436153  
Ion Ratio Lower Upper  
154 100  
153 110.6 88.5 132.7  
152 54.1 43.3 64.9

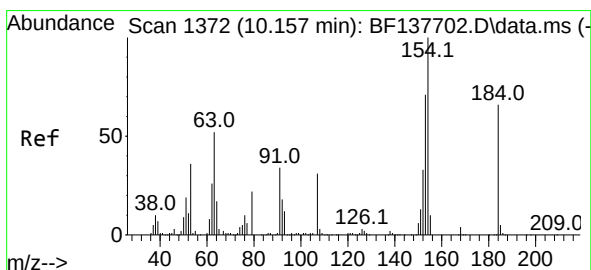
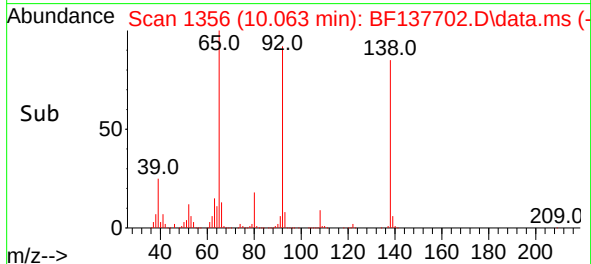
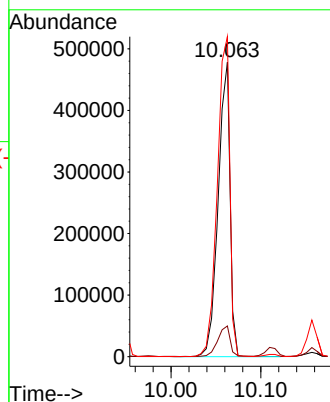
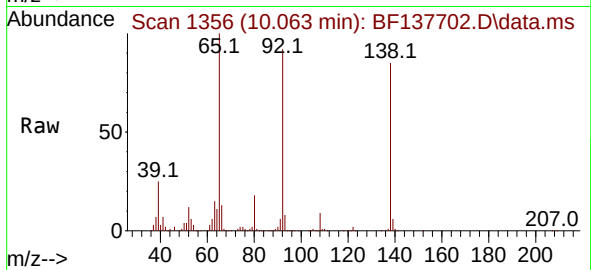




#53  
3-Nitroaniline  
Concen: 39.246 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

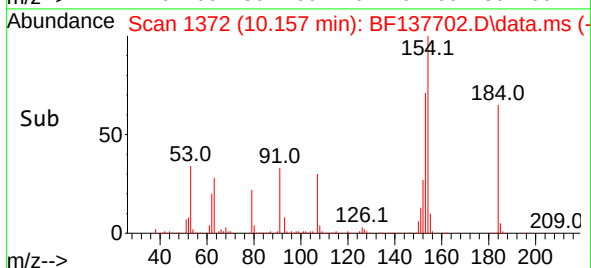
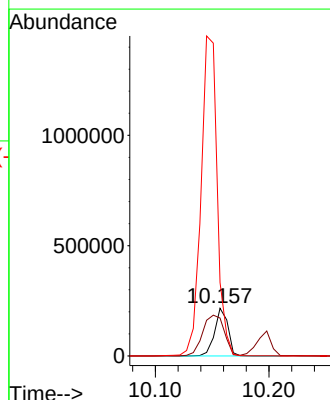
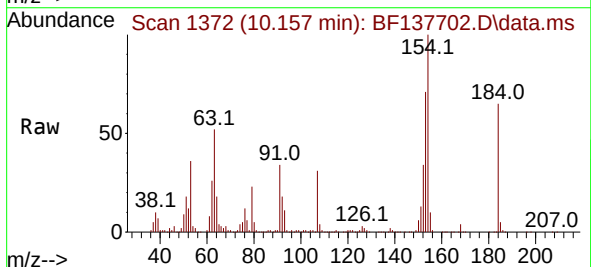
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

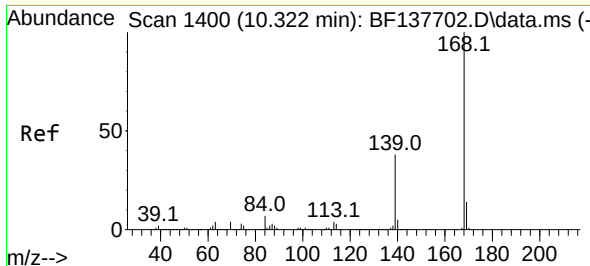
Tgt Ion:138 Resp: 438944  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.3 12.5  
92 108.6 86.9 130.3



#54  
2,4-Dinitrophenol  
Concen: 36.576 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:184 Resp: 176160  
Ion Ratio Lower Upper  
184 100  
63 79.4 63.5 95.3  
154 153.8 123.0 184.6

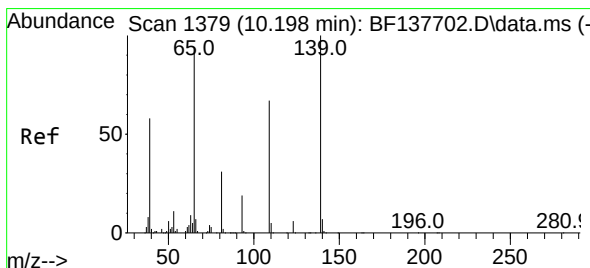
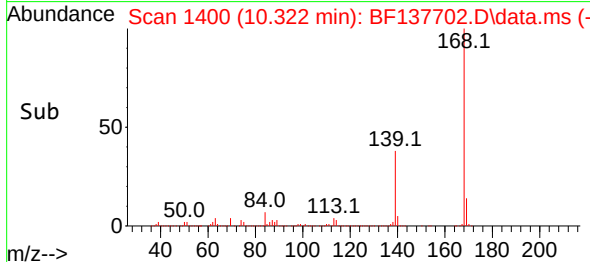
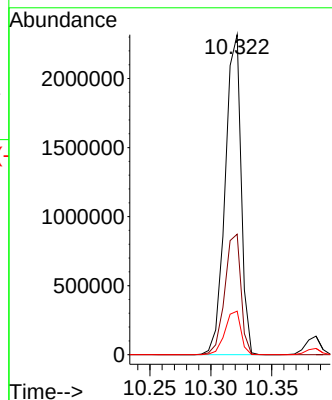
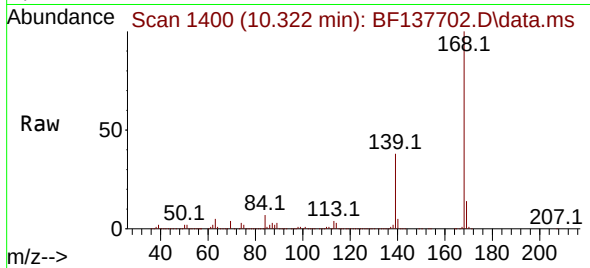




#55  
Dibenzenofuran  
Concen: 37.428 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

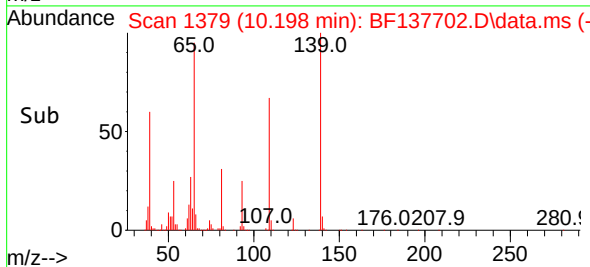
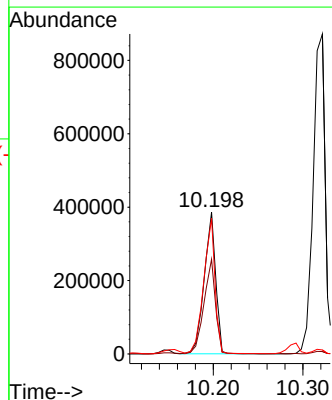
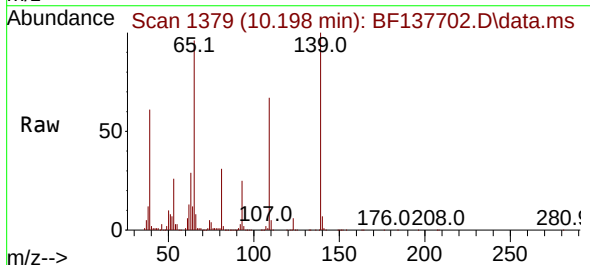
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

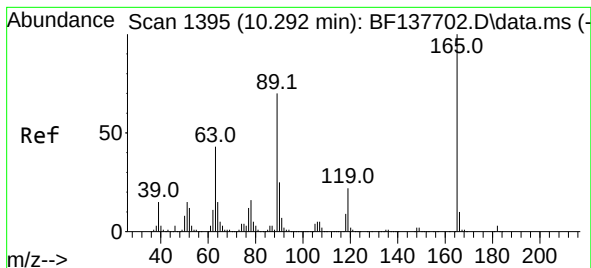
Tgt Ion:168 Resp: 2106284  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.1 45.1  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 39.561 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:139 Resp: 344088  
Ion Ratio Lower Upper  
139 100  
109 66.9 46.9 86.9  
65 95.8 75.8 115.8

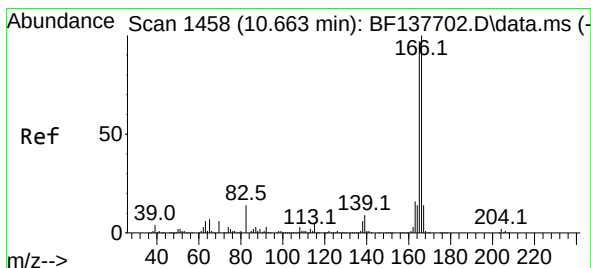
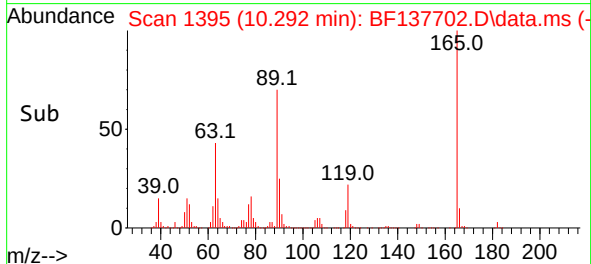
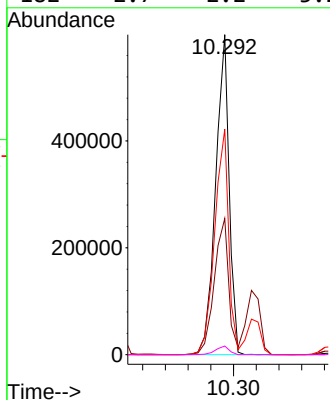
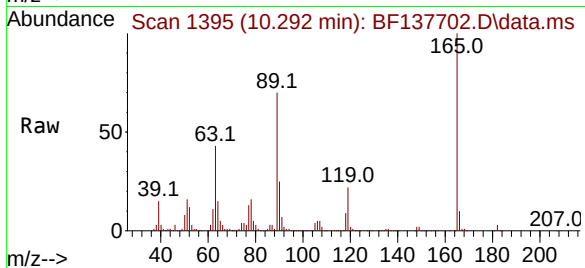




#57  
2,4-Dinitrotoluene  
Concen: 39.470 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

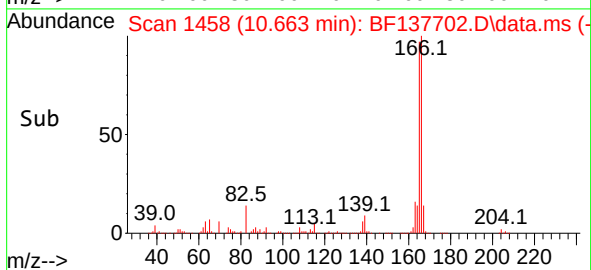
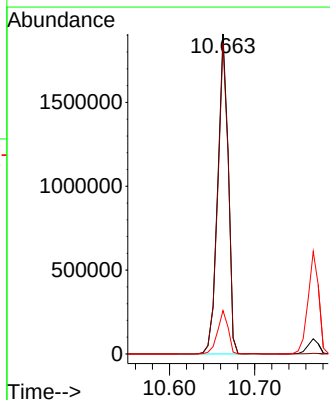
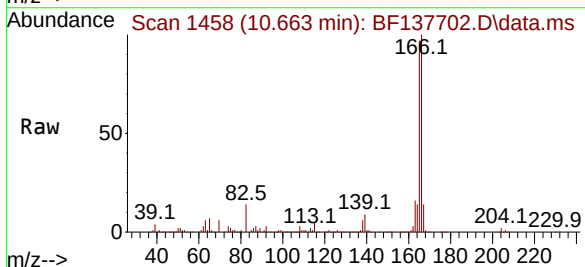
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:165 Resp: 495230  
Ion Ratio Lower Upper  
165 100  
63 42.6 34.1 51.1  
89 70.5 56.4 84.6  
182 2.7 2.2 3.2

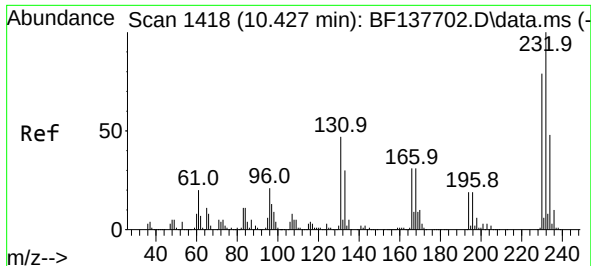


#58  
Fluorene  
Concen: 37.060 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:166 Resp: 1629594  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.8 116.6  
167 13.5 10.8 16.2



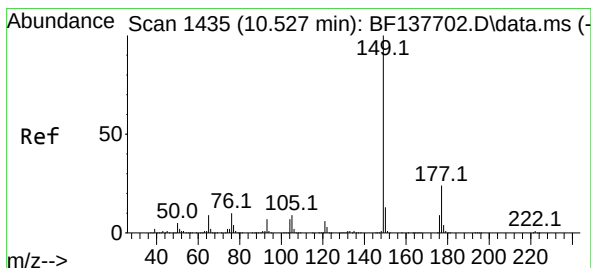
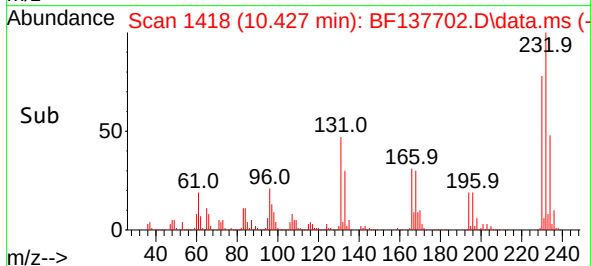
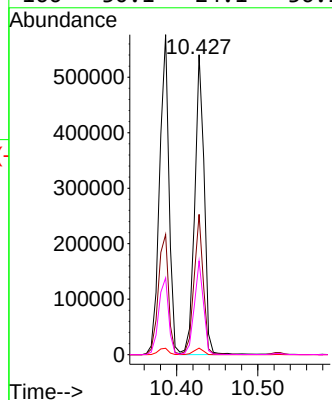
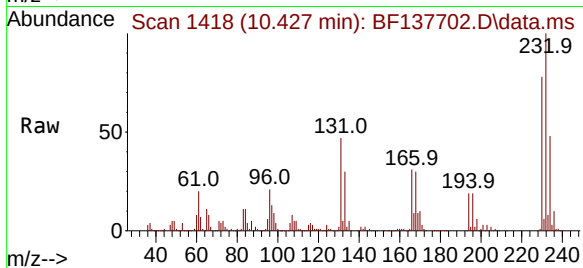




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.871 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

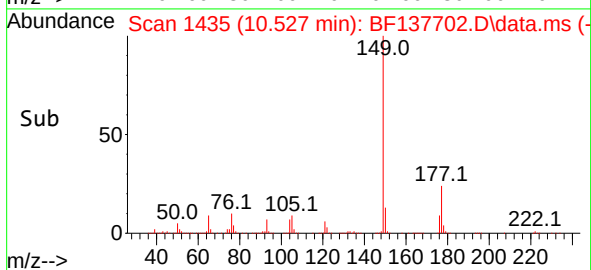
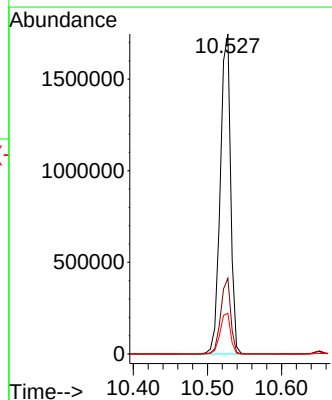
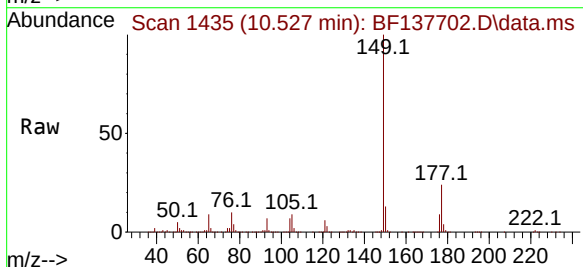
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

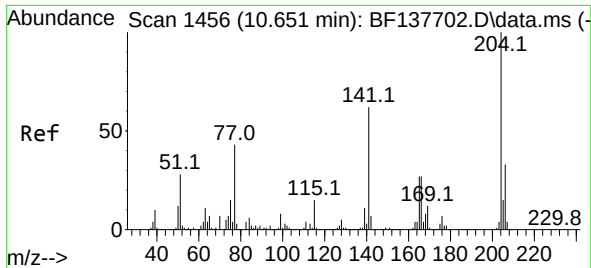
Tgt Ion:232 Resp: 438203  
Ion Ratio Lower Upper  
232 100  
131 45.5 36.4 54.6  
130 2.2 1.8 2.6  
166 30.1 24.1 36.1



#60  
Diethylphthalate  
Concen: 37.169 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:149 Resp: 1688677  
Ion Ratio Lower Upper  
149 100  
177 23.7 19.0 28.4  
150 12.7 10.2 15.2

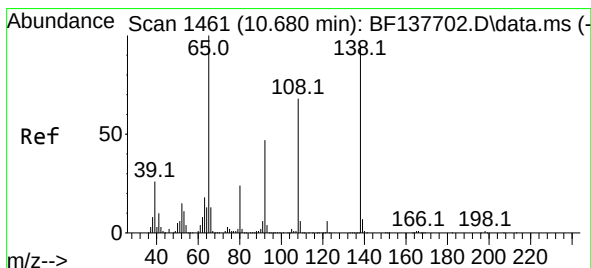
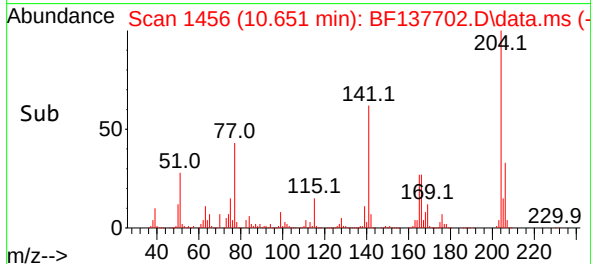
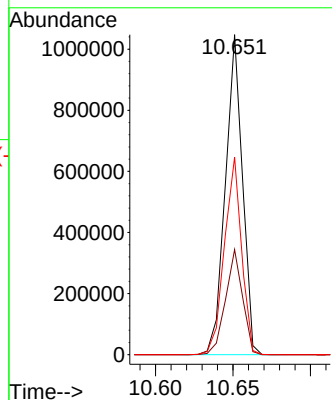
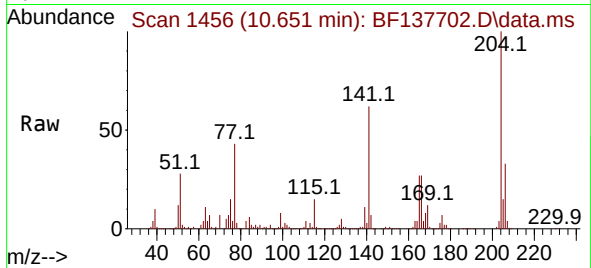




#61  
4-Chlorophenyl-phenylether  
Concen: 37.012 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

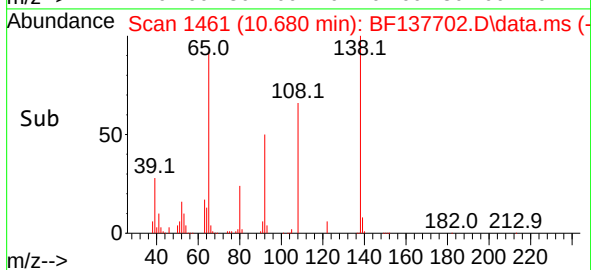
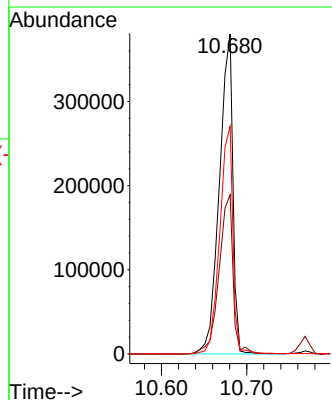
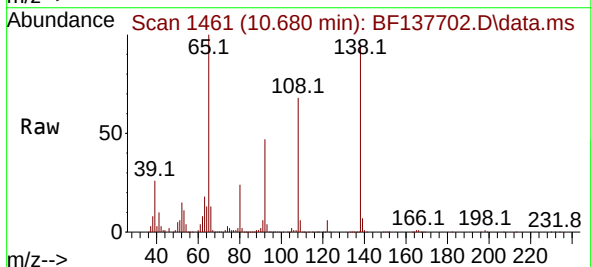
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

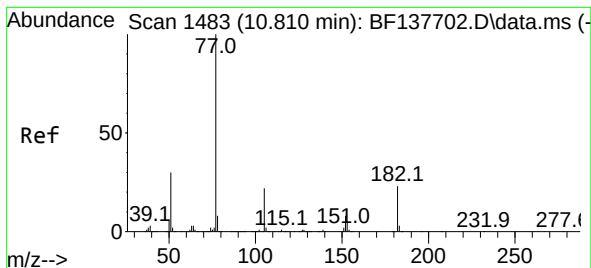
Tgt Ion:204 Resp: 804162  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.3 39.5  
141 61.8 49.4 74.2



#62  
4-Nitroaniline  
Concen: 39.184 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:138 Resp: 417418  
Ion Ratio Lower Upper  
138 100  
92 49.8 29.8 69.8  
108 71.1 51.1 91.1





#63

Azobenzene

Concen: 37.948 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 1766675

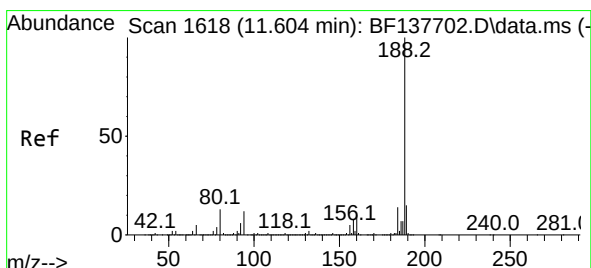
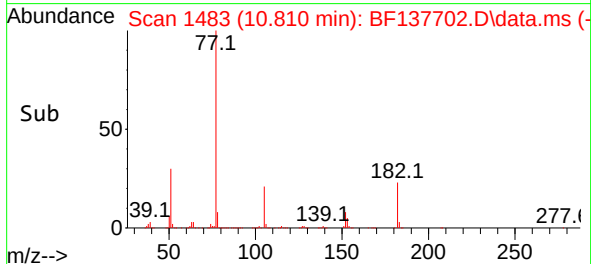
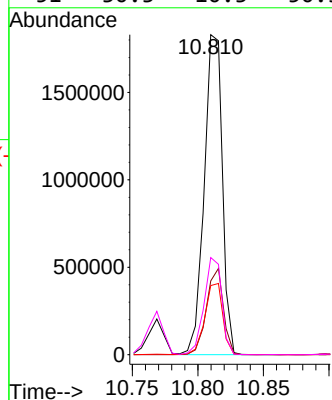
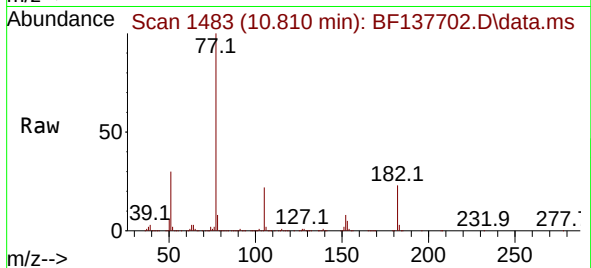
Ion Ratio Lower Upper

77 100

182 23.1 3.1 43.1

105 21.6 1.6 41.6

51 30.3 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

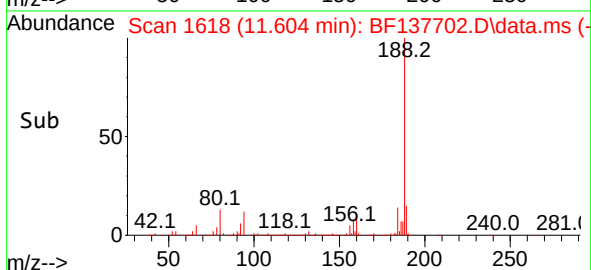
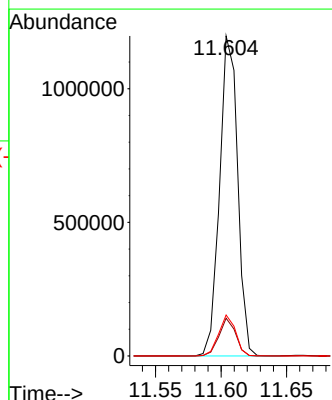
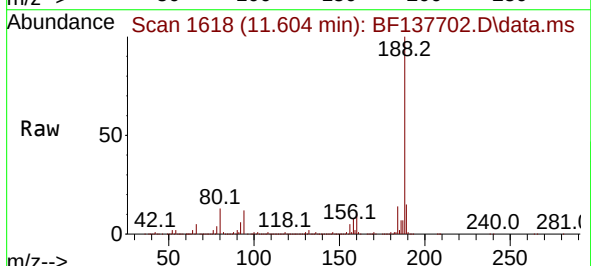
Tgt Ion: 188 Resp: 1142965

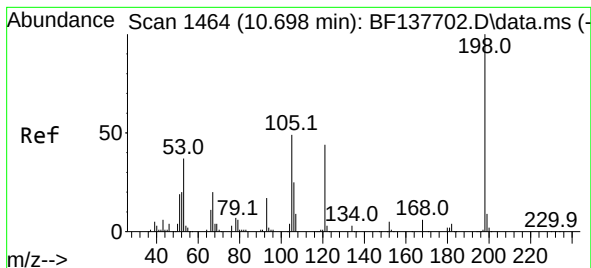
Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

80 12.8 10.2 15.4

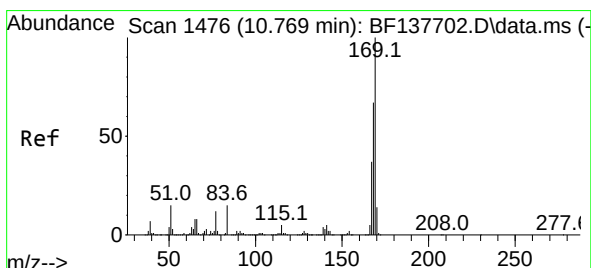
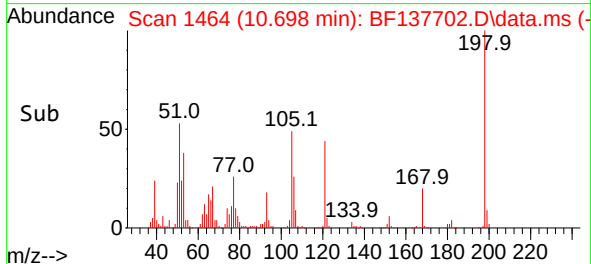
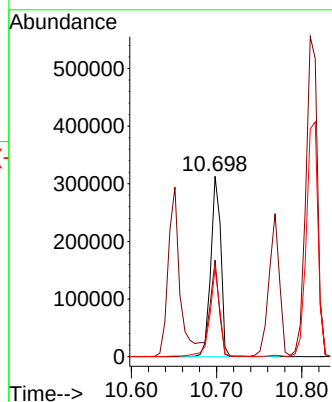
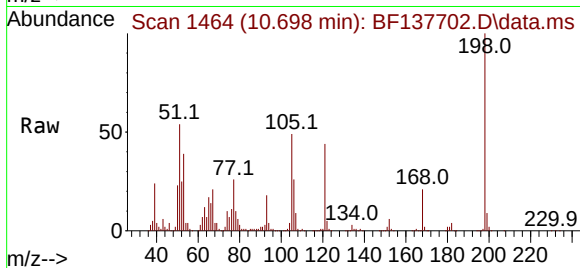




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.011 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

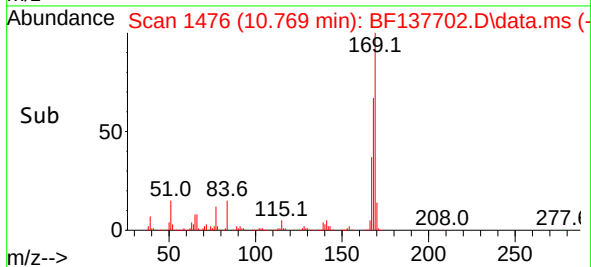
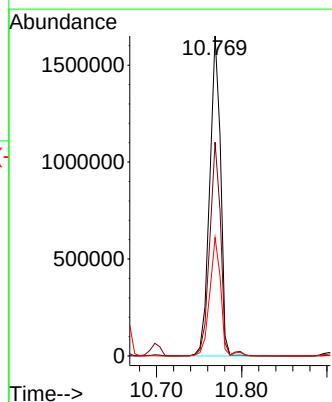
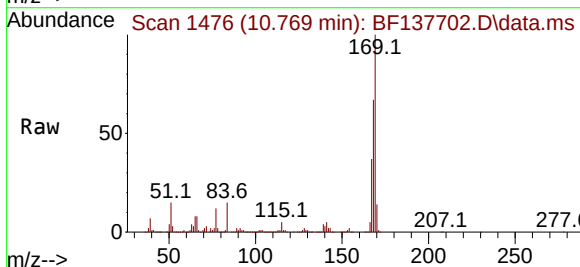
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

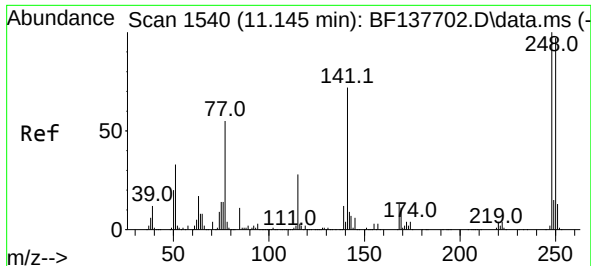
Tgt Ion:198 Resp: 255655  
Ion Ratio Lower Upper  
198 100  
51 53.5 33.5 73.5  
105 49.3 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 37.694 ng  
RT: 10.769 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:169 Resp: 1459190  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.4 80.2  
167 37.0 29.6 44.4

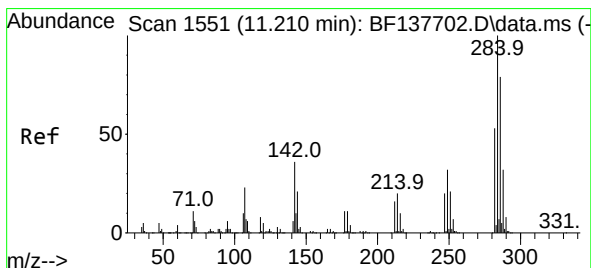
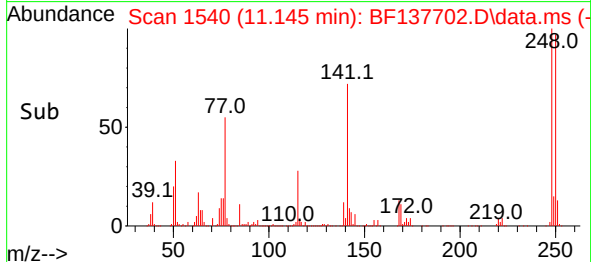
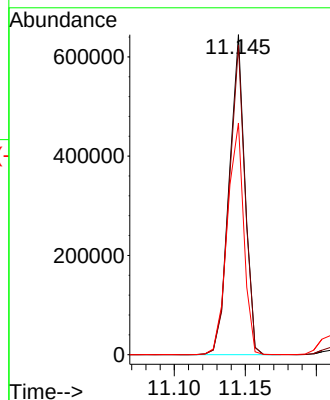
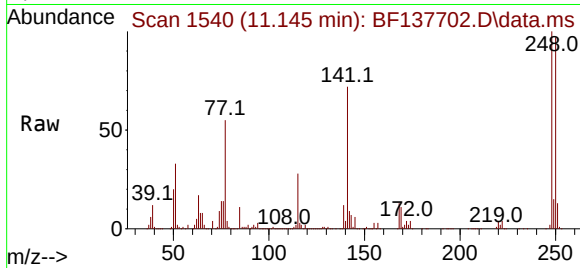




#67  
4-Bromophenyl-phenylether  
Concen: 37.440 ng  
RT: 11.145 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

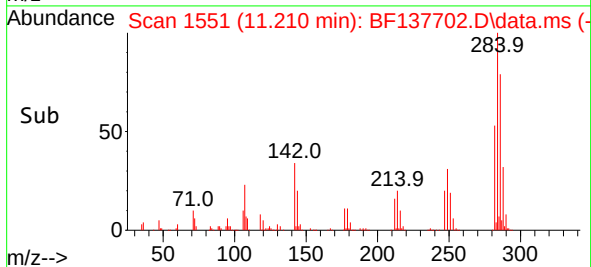
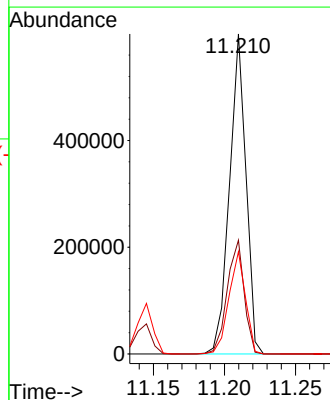
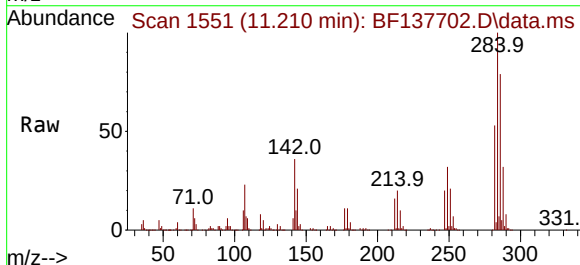
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

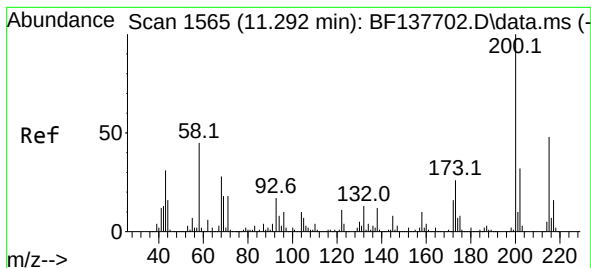
Tgt Ion:248 Resp: 495855  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.4 116.0  
141 72.4 57.9 86.9



#68  
Hexachlorobenzene  
Concen: 37.494 ng  
RT: 11.210 min Scan# 1551  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:284 Resp: 483765  
Ion Ratio Lower Upper  
284 100  
142 35.6 28.5 42.7  
249 32.0 25.6 38.4





#69

Atrazine

Concen: 37.896 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

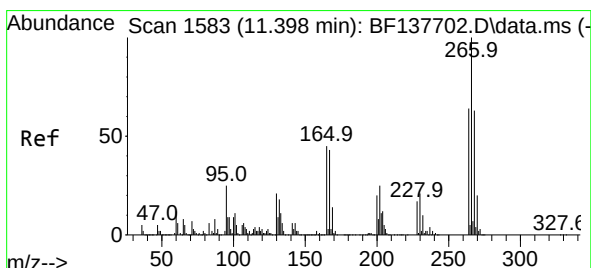
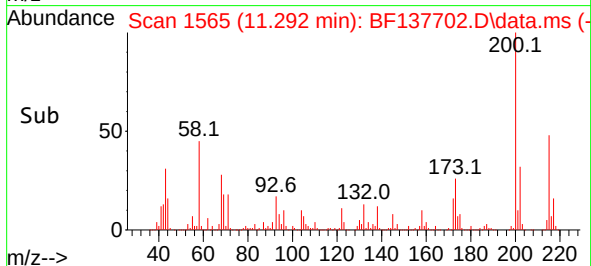
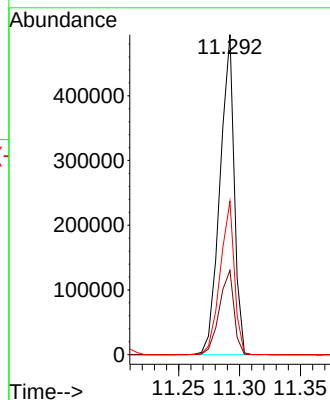
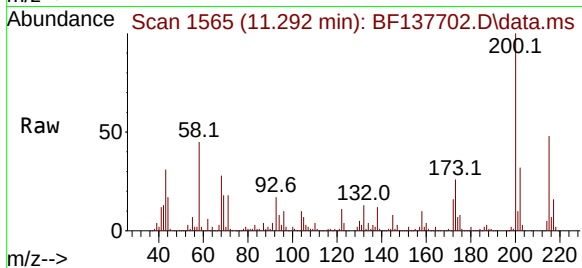
Tgt Ion:200 Resp: 405522

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 48.0 28.0 68.0



#70

Pentachlorophenol

Concen: 38.683 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

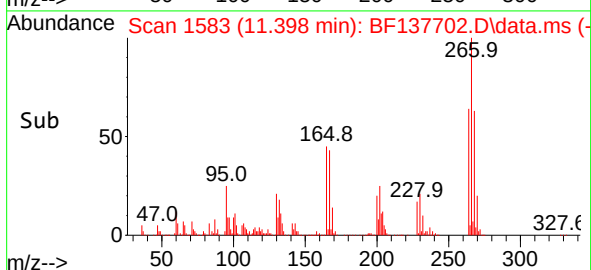
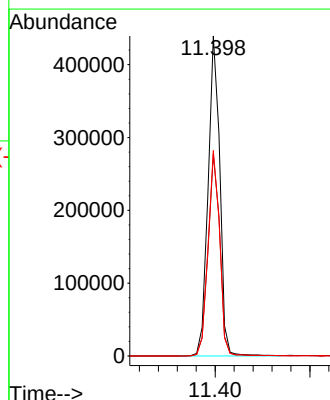
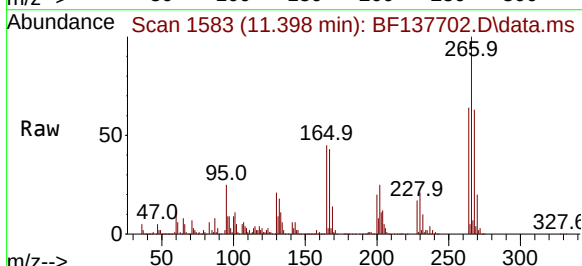
Tgt Ion:266 Resp: 375445

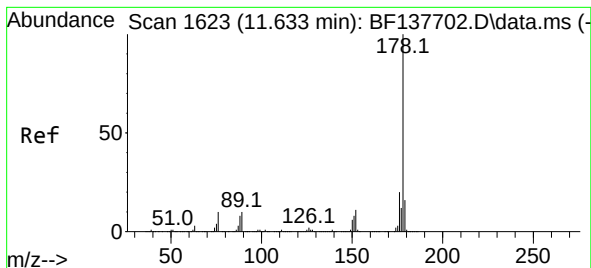
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 64.2 51.4 77.0





#71

Phenanthrene

Concen: 37.295 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

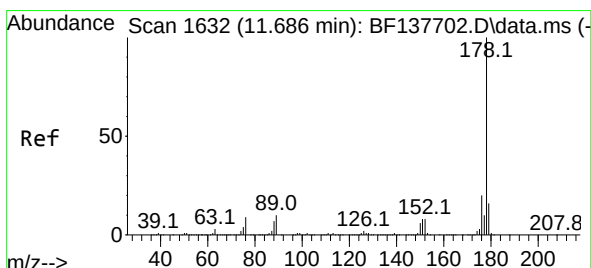
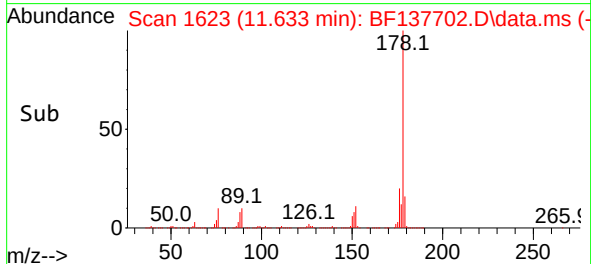
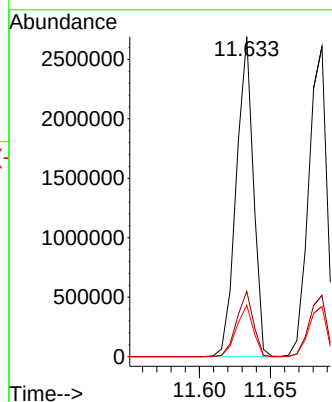
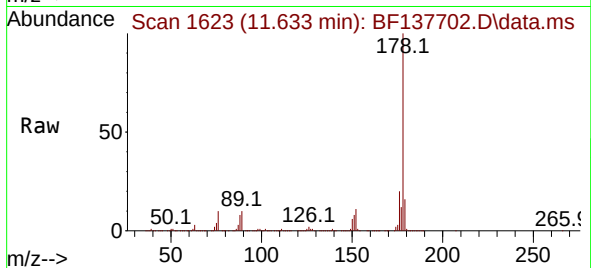
Tgt Ion:178 Resp: 2256494

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

179 16.0 12.8 19.2



#72

Anthracene

Concen: 37.400 ng

RT: 11.686 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

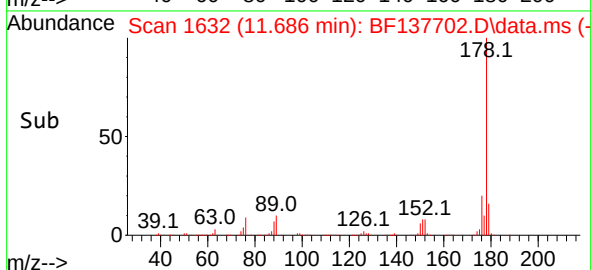
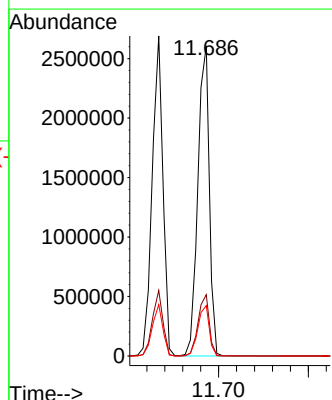
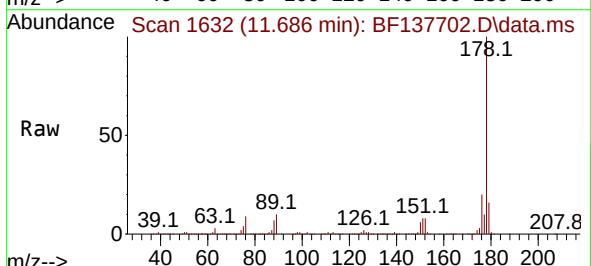
Tgt Ion:178 Resp: 2317087

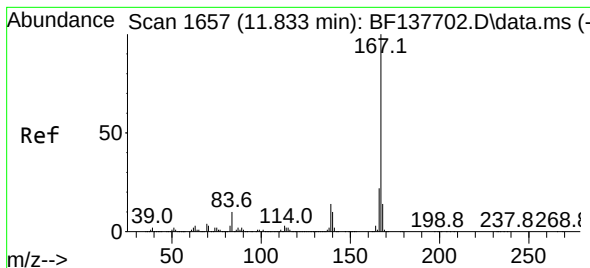
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 16.3 13.0 19.6





#73

Carbazole

Concen: 37.708 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

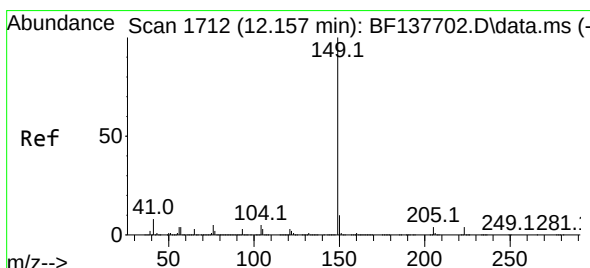
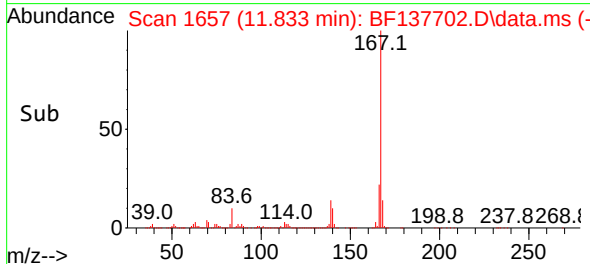
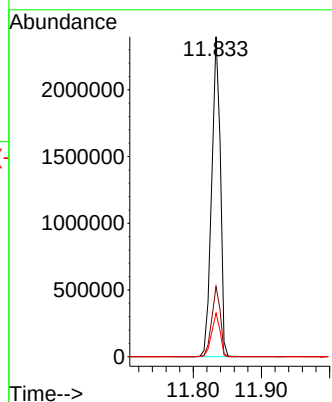
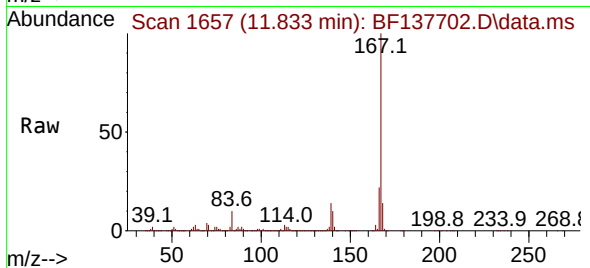
BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:167 Resp: 2117224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.5  | 26.3  |
| 139 | 13.6  | 10.9  | 16.3  |



#74

Di-n-butylphthalate

Concen: 37.178 ng

RT: 12.157 min Scan# 1712

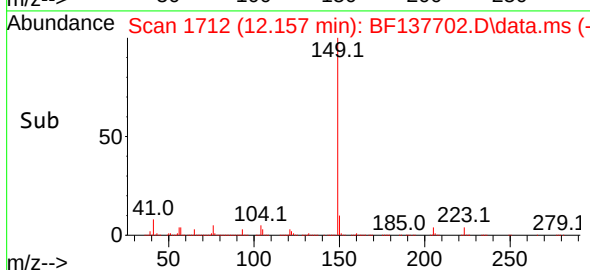
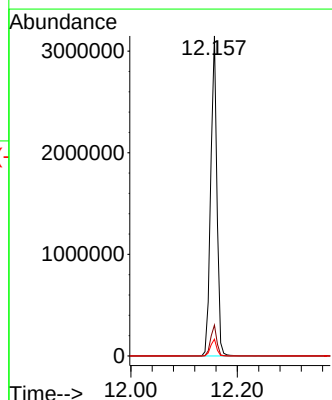
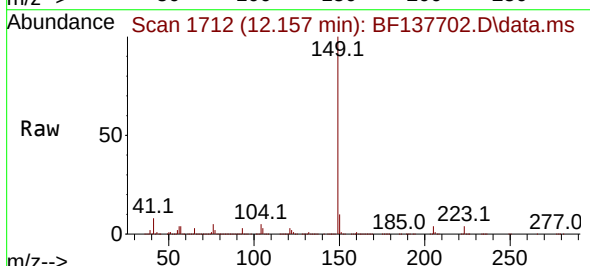
Delta R.T. 0.000 min

Lab File: BF137702.D

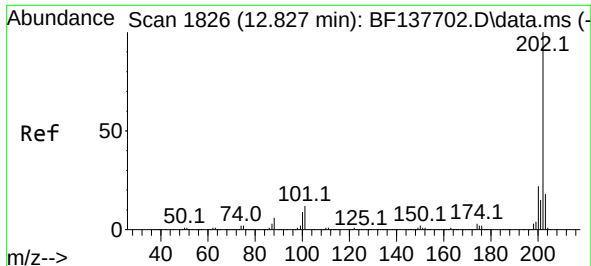
Acq: 23 Apr 2024 19:22

Tgt Ion:149 Resp: 2544681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.7   | 7.8   | 11.6  |
| 104 | 5.3   | 4.2   | 6.4   |



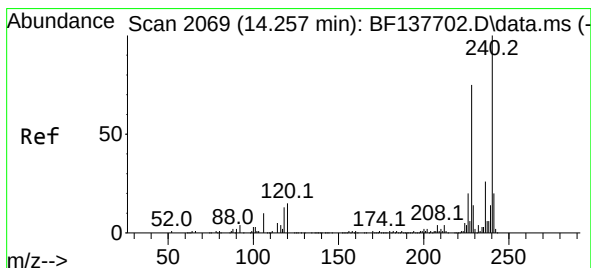
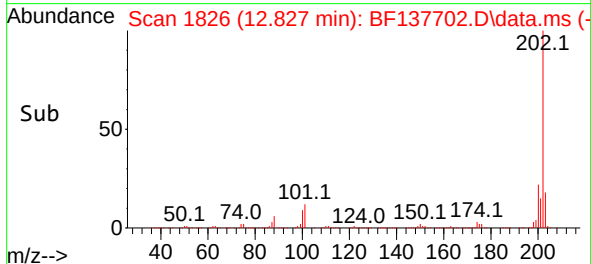
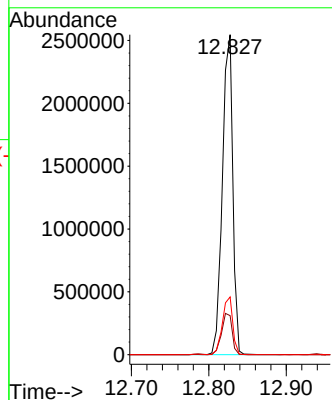
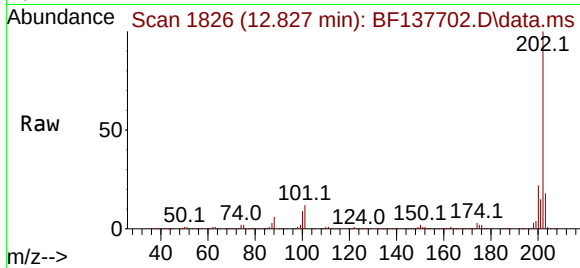




#75  
Fluoranthene  
Concen: 37.378 ng  
RT: 12.827 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

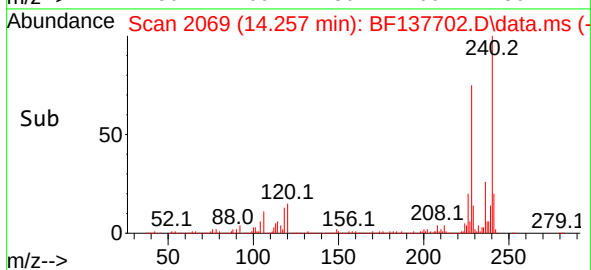
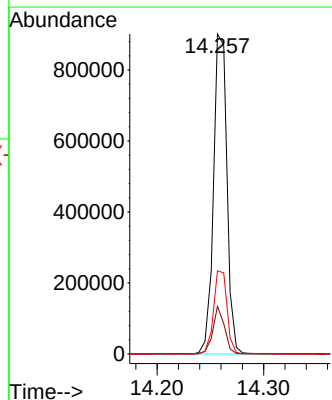
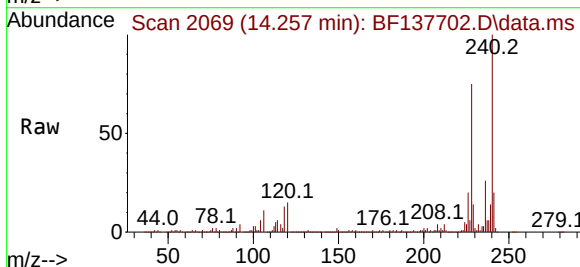
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

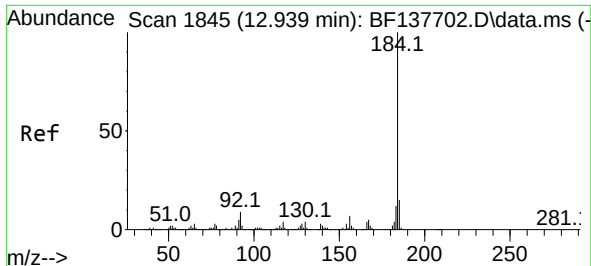
Tgt Ion:202 Resp: 2377052  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 32.2  
203 18.1 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.257 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:240 Resp: 792945  
Ion Ratio Lower Upper  
240 100  
120 14.9 11.9 17.9  
236 26.0 20.8 31.2

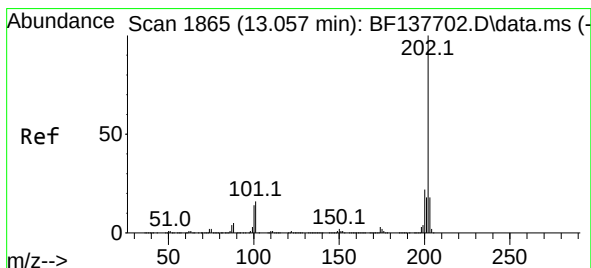
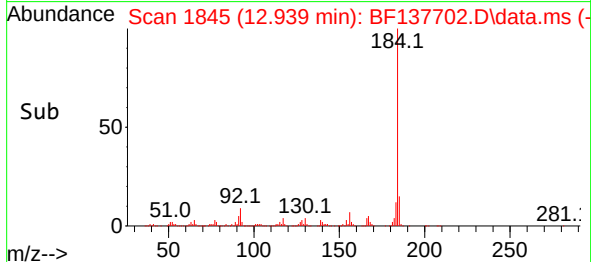
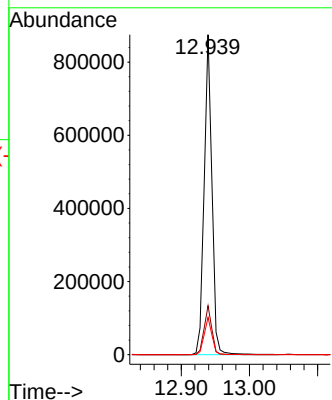
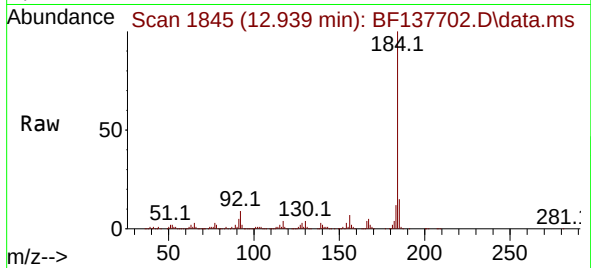




#77  
Benzidine  
Concen: 37.523 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

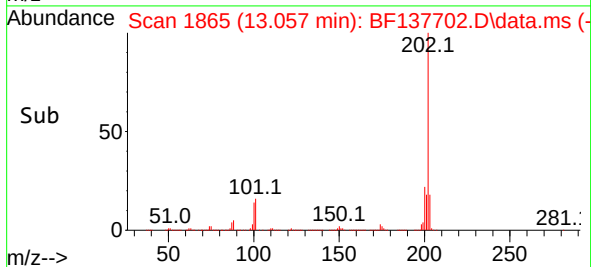
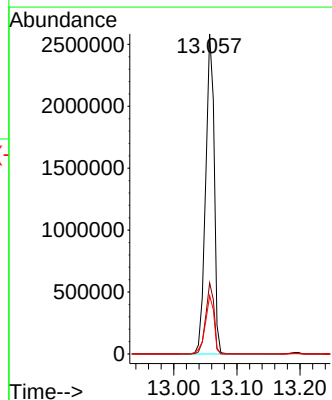
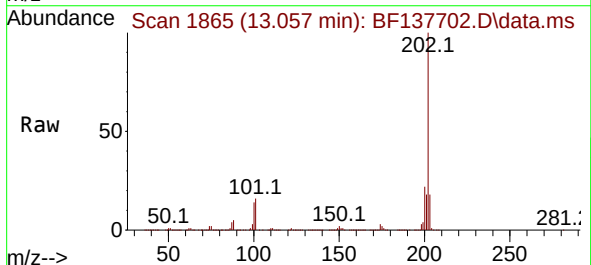
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

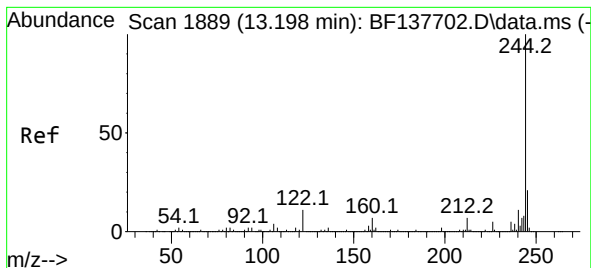
Tgt Ion:184 Resp: 694946  
Ion Ratio Lower Upper  
184 100  
185 15.3 12.2 18.4  
183 11.7 9.4 14.0



#78  
Pyrene  
Concen: 37.423 ng  
RT: 13.057 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:202 Resp: 2435623  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.8 26.6  
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 72.783 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

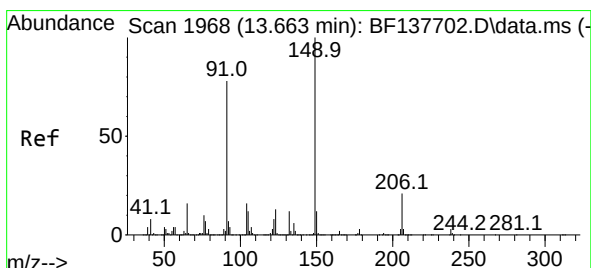
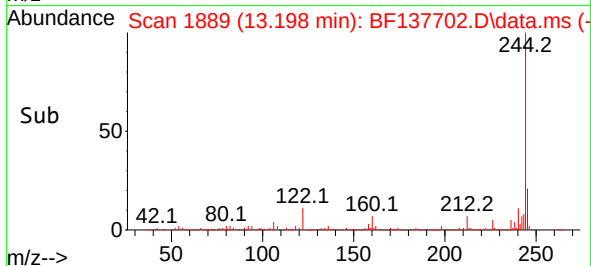
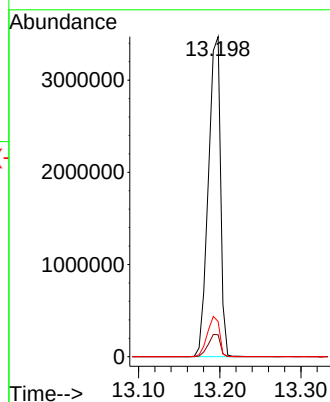
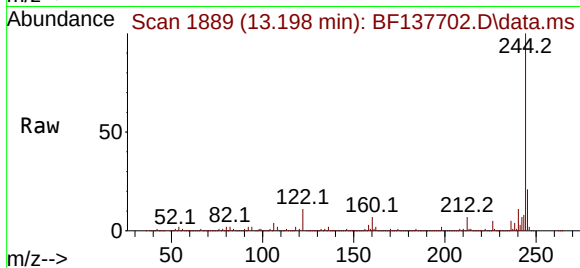
Tgt Ion:244 Resp: 3585618

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 38.602 ng

RT: 13.663 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

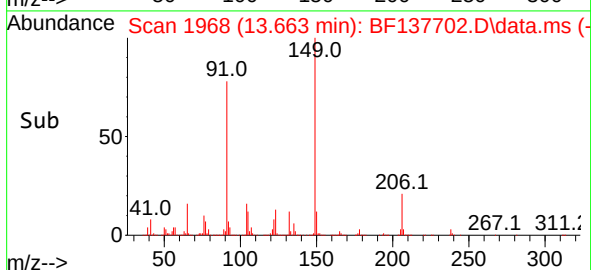
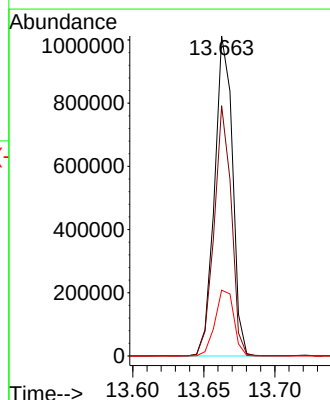
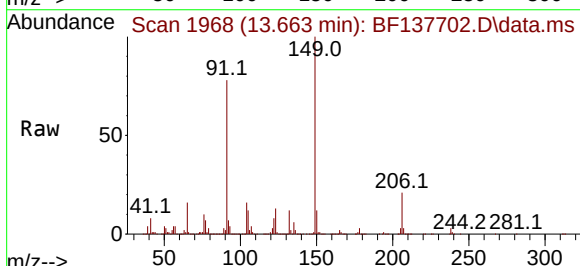
Tgt Ion:149 Resp: 890955

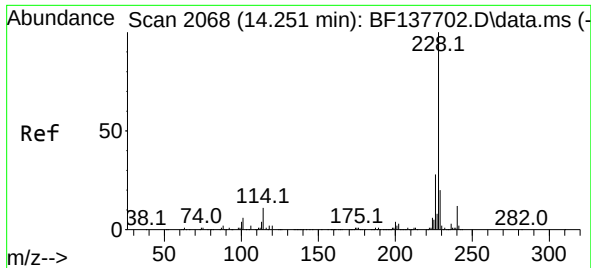
Ion Ratio Lower Upper

149 100

91 78.2 62.6 93.8

206 20.6 16.5 24.7

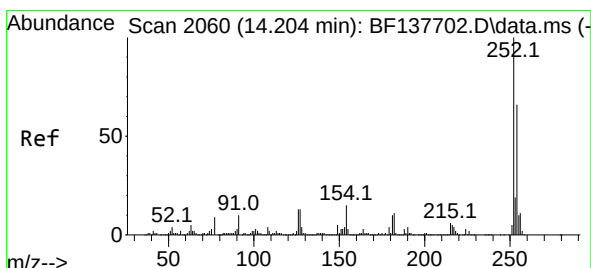
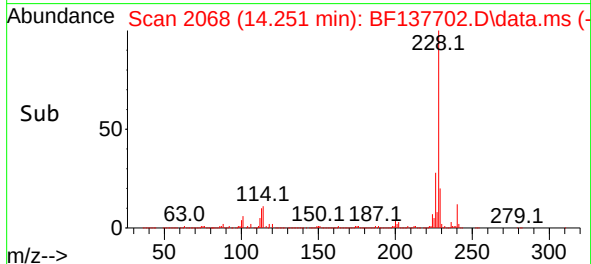
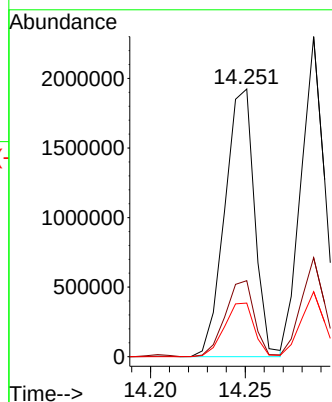
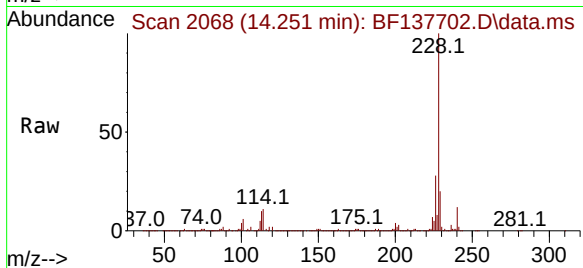




#81  
Benzo(a)anthracene  
Concen: 38.009 ng  
RT: 14.251 min Scan# 2068  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

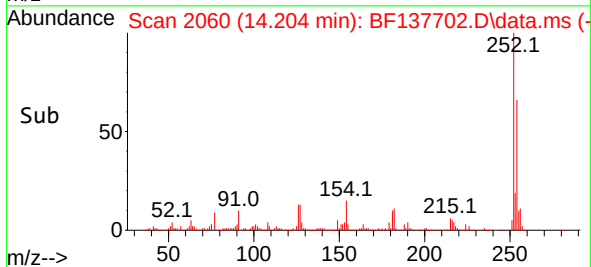
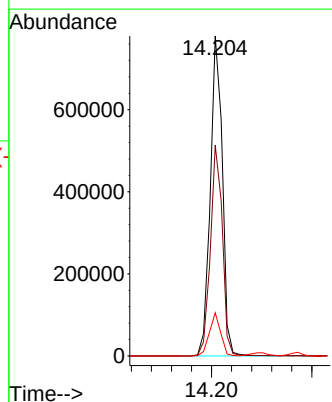
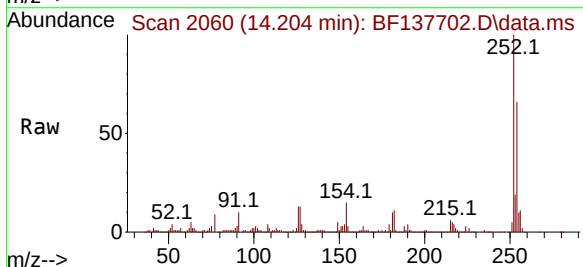
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

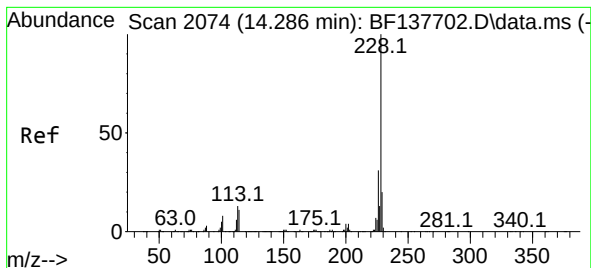
Tgt Ion:228 Resp: 2102127  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.7 34.1  
229 20.0 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 38.105 ng  
RT: 14.204 min Scan# 2060  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:252 Resp: 652044  
Ion Ratio Lower Upper  
252 100  
254 65.8 52.6 79.0  
126 13.5 10.8 16.2





#83

Chrysene

Concen: 37.792 ng

RT: 14.286 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

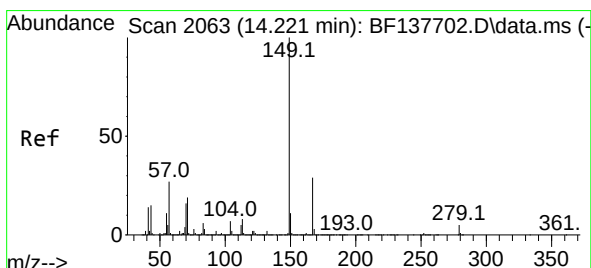
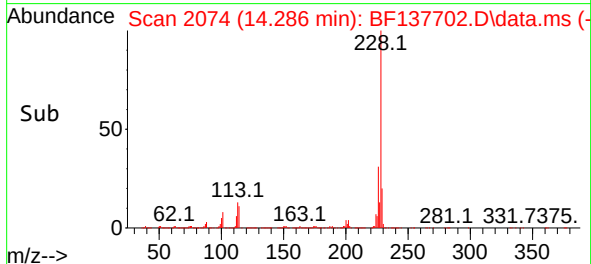
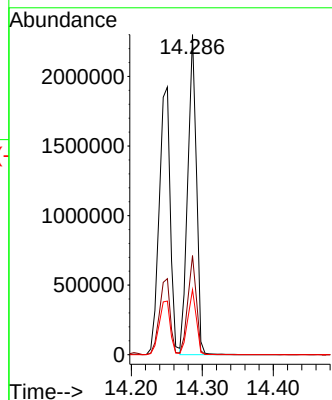
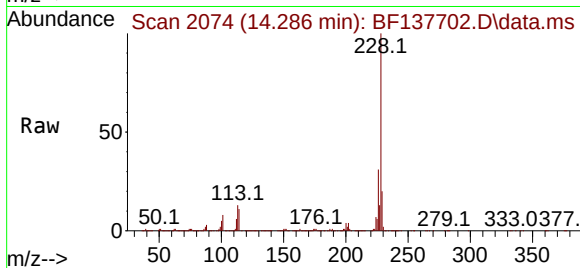
Tgt Ion:228 Resp: 1952944

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.808 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

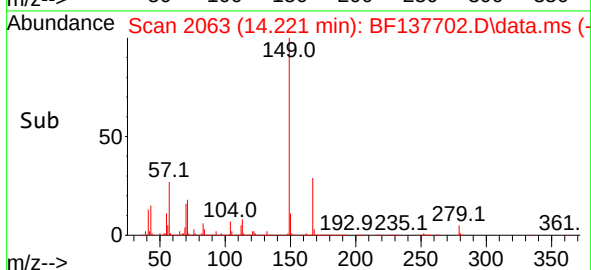
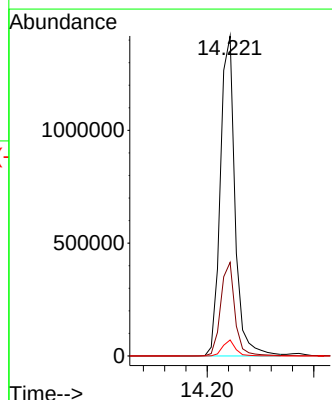
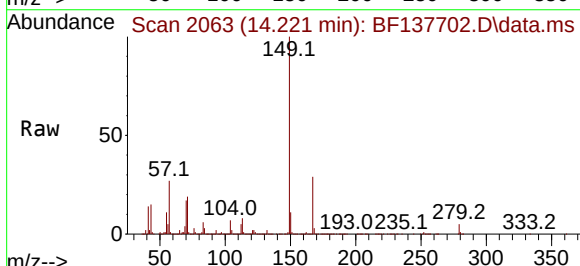
Tgt Ion:149 Resp: 1352699

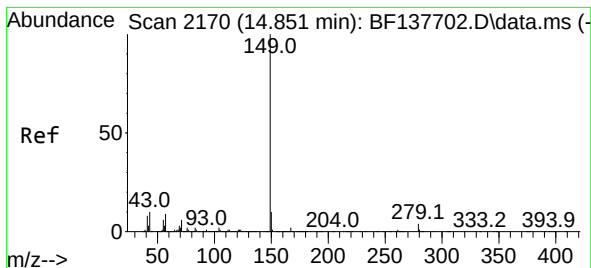
Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 40.001 ng

RT: 14.851 min Scan# 2170

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

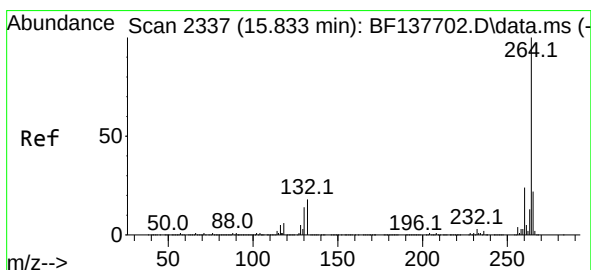
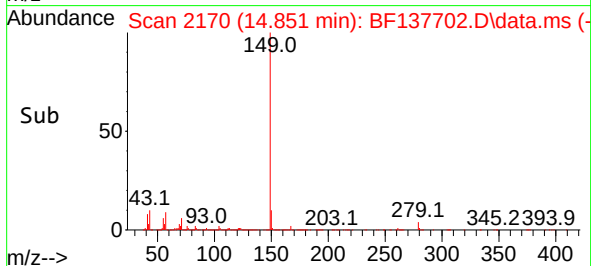
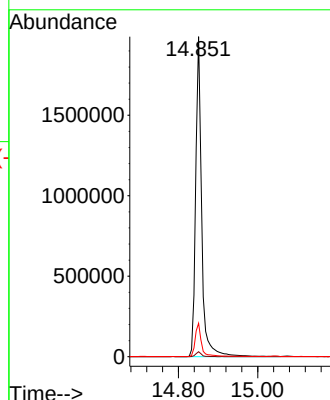
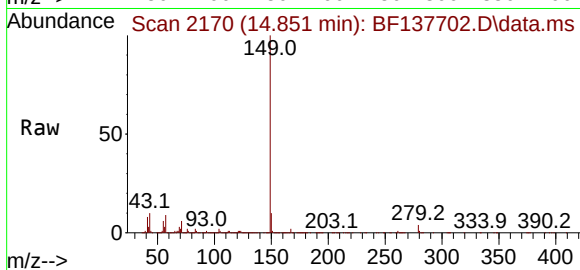
Tgt Ion:149 Resp: 2094337

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

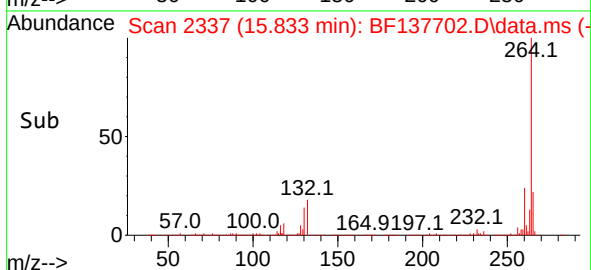
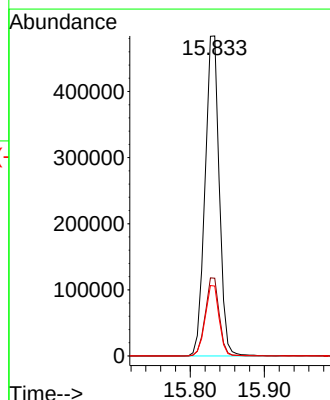
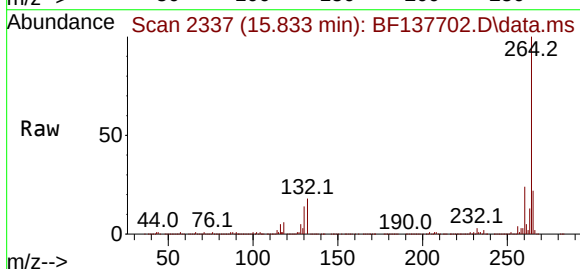
Tgt Ion:264 Resp: 644418

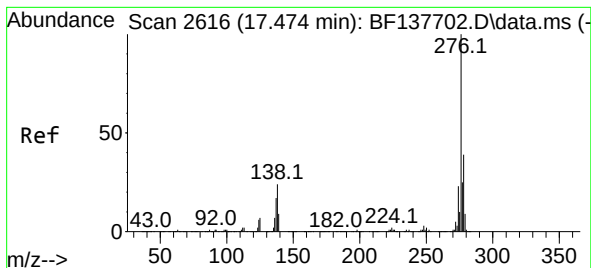
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.497 ng

RT: 17.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

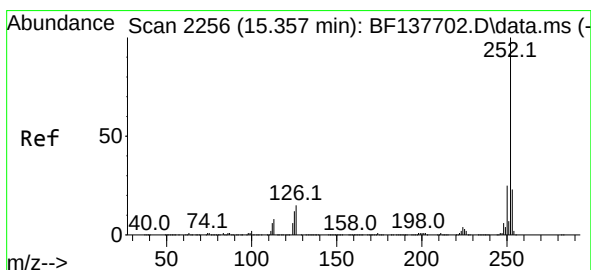
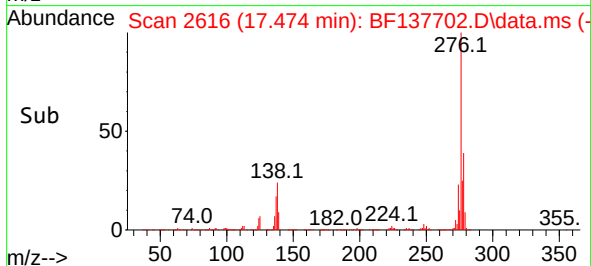
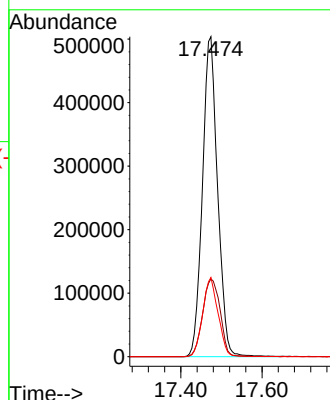
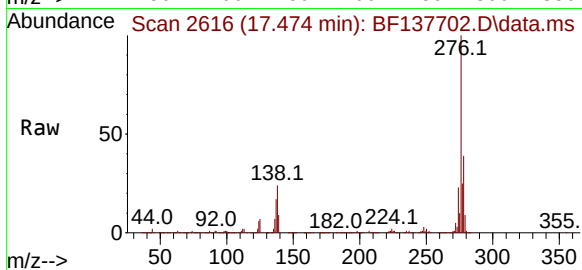
Tgt Ion:276 Resp: 1304101

Ion Ratio Lower Upper

276 100

138 27.9 22.3 33.5

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.718 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

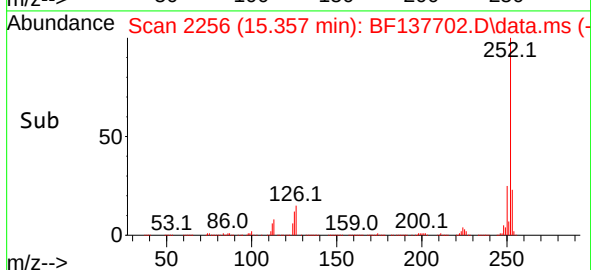
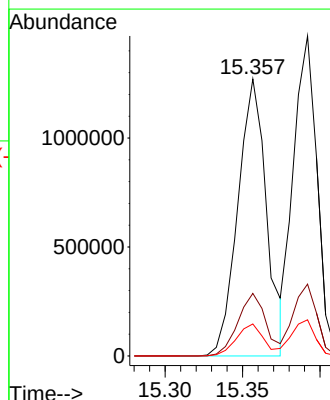
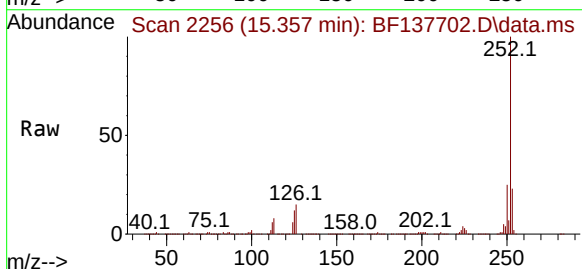
Tgt Ion:252 Resp: 1637835

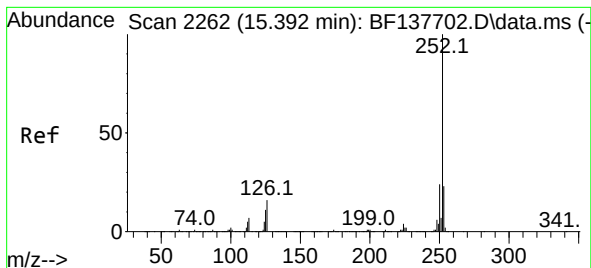
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 11.5 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 38.777 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

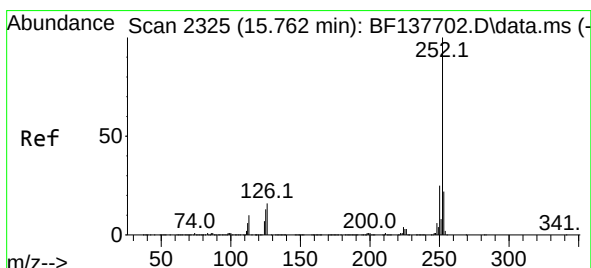
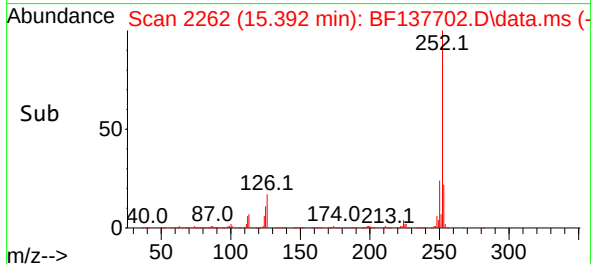
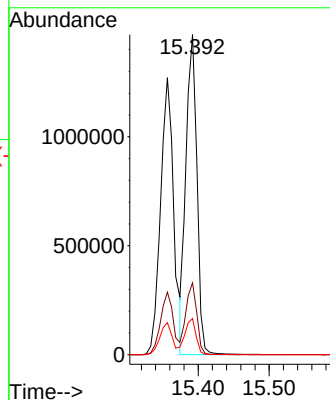
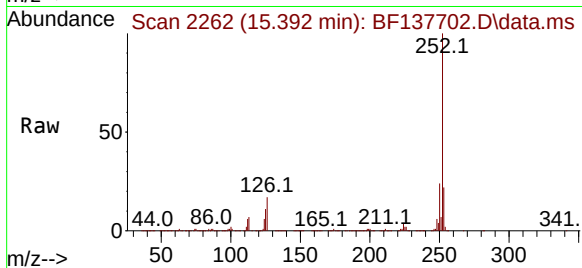
Tgt Ion:252 Resp: 1571859

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 11.3 9.0 13.6



#90

Benzo(a)pyrene

Concen: 39.163 ng

RT: 15.762 min Scan# 2325

Delta R.T. 0.000 min

Lab File: BF137702.D

Acq: 23 Apr 2024 19:22

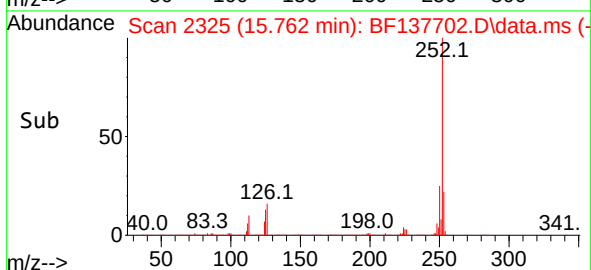
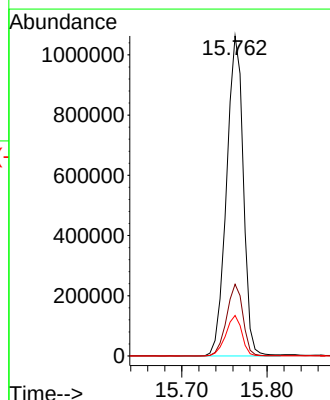
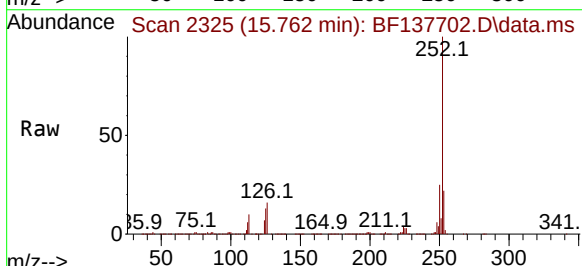
Tgt Ion:252 Resp: 1448739

Ion Ratio Lower Upper

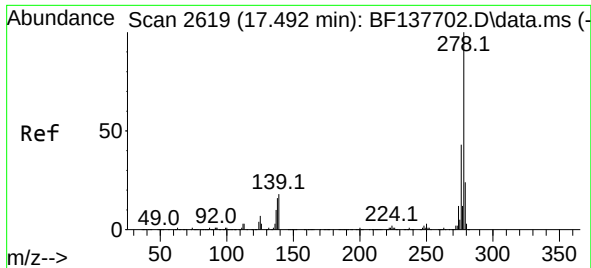
252 100

253 22.4 17.9 26.9

125 12.7 10.2 15.2



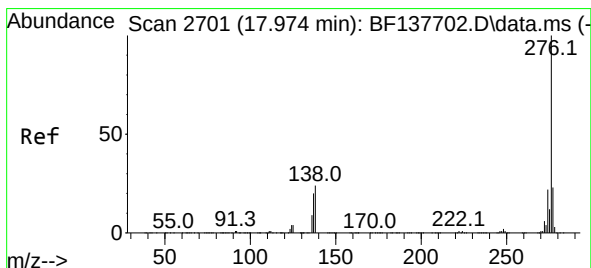
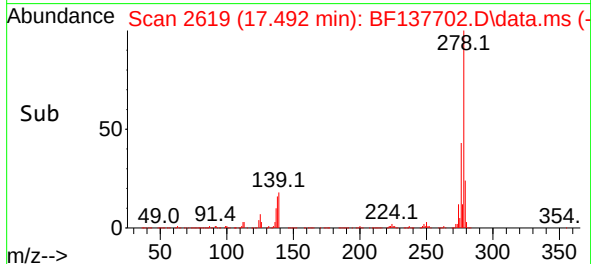
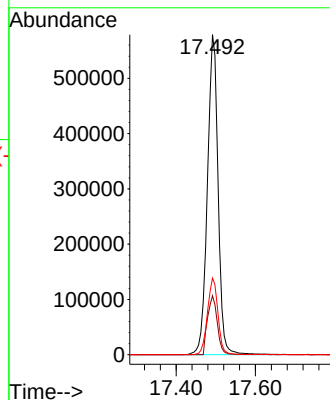
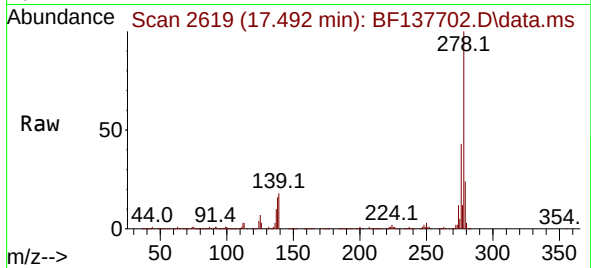




#91  
Dibenzo(a,h)anthracene  
Concen: 36.597 ng  
RT: 17.492 min Scan# 2619  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:278 Resp: 1085179  
Ion Ratio Lower Upper  
278 100  
139 18.4 14.7 22.1  
279 23.9 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 36.441 ng  
RT: 17.974 min Scan# 2701  
Delta R.T. 0.000 min  
Lab File: BF137702.D  
Acq: 23 Apr 2024 19:22

Tgt Ion:276 Resp: 1050712  
Ion Ratio Lower Upper  
276 100  
277 23.1 18.5 27.7  
138 24.4 19.5 29.3

