

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102924\  
 Data File : BF140140.D  
 Acq On : 30 Oct 2024 04:40  
 Operator : RC/JU  
 Sample : P4594-04MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

Quant Time: Oct 30 05:05:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 127559   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 485788   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 254836   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 363078   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 244508   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 212975   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 882879   | 108.353 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 1097346  | 103.982 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 803332   | 91.652  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 269158   | 112.918 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1386246  | 89.903  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1147158  | 76.450  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.846  | 88   | 101885   | 26.818  | ng    | # 82     |
| 3) Pyridine                   | 3.563  | 79   | 210206   | 22.323  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.504  | 42   | 167287   | 33.065  | ng    | # 96     |
| 6) Aniline                    | 6.557  | 93   | 187434   | 19.057  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 323528   | 38.839  | ng    | 99       |
| 9) Benzaldehyde               | 6.439  | 77   | 39687    | 6.685   | ng    | 98       |
| 10) Phenol                    | 6.534  | 94   | 401716   | 36.923  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 310085   | 36.874  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 266424   | 27.863  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 275448   | 28.833  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 270017   | 30.285  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 316139   | 40.839  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 522711   | 36.454  | ng    | 98       |
| 17) 2-Methylphenol            | 7.139  | 107  | 289564   | 40.767  | ng    | 98       |
| 18) Hexachloroethane          | 7.404  | 117  | 95972    | 28.172  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 255995   | 39.996  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 356808   | 39.274  | ng    | # 78     |
| 22) Acetophenone              | 7.298  | 105  | 457849   | 38.479  | ng    | 98       |
| 24) Nitrobenzene              | 7.469  | 77   | 367123   | 38.203  | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 716397   | 43.063  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 169715   | 46.813  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 292914   | 48.454  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 418171   | 41.489  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 292723   | 42.513  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 263628   | 34.602  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 917917   | 36.637  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 154195   | 29.245  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 98228    | 11.498  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 165671   | 34.608  | ng    | 98       |
| 35) Caprolactam               | 8.604  | 113  | 75346    | 34.414  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 326234   | 42.789  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 620377   | 40.431  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 576708   | 38.308  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 303331   | 44.120  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 247853   | 103.609 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 218580   | 44.906  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102924\  
 Data File : BF140140.D  
 Acq On : 30 Oct 2024 04:40  
 Operator : RC/JU  
 Sample : P4594-04MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

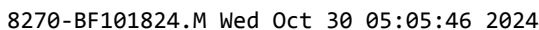
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

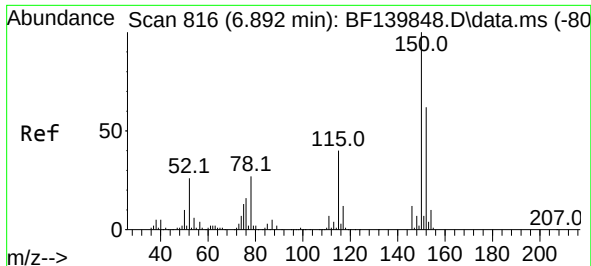
Quant Time: Oct 30 05:05:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 216046   | 43.021 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 779524   | 43.941 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 607141   | 42.492 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 215798   | 49.382 | ng    | 96       |
| 49) Acenaphthylene            | 9.792  | 152  | 947283   | 45.859 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 771766   | 48.621 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 159242   | 46.333 | ng    | 100      |
| 52) Acenaphthene              | 9.963  | 154  | 600386   | 44.930 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 95567    | 26.964 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 65873    | 48.895 | ng    | # 1      |
| 55) Dibenzofuran              | 10.133 | 168  | 838838   | 43.753 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 182783   | 67.033 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 204963   | 48.496 | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 612009   | 41.911 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 162418   | 41.256 | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 735308   | 47.180 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 331321   | 44.929 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 125371   | 37.453 | ng    | 97       |
| 63) Azobenzene                | 10.627 | 77   | 709028   | 42.912 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 52396    | 35.379 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 569552   | 52.412 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 198468   | 53.061 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 206343   | 49.051 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 145397   | 49.393 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 187167   | 73.311 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 802558   | 46.796 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 809069   | 48.351 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 666663   | 42.838 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 939848   | 52.273 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 757838   | 43.711 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 22787    | 5.668  | ng    | 95       |
| 78) Pyrene                    | 12.857 | 202  | 778531   | 36.376 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 333588   | 51.989 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 754093   | 47.378 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 124885   | 26.910 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 711043   | 48.723 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 464640   | 64.542 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 843408   | 64.411 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 533381   | 38.929 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 642470   | 49.522 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 632065   | 56.492 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 555616   | 52.048 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.056 | 278  | 442087   | 38.678 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 388777   | 34.053 | ng    | 98       |

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

Quant Time: Oct 30 05:05:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 15:07:50 2024  
Response via : Initial Calibration

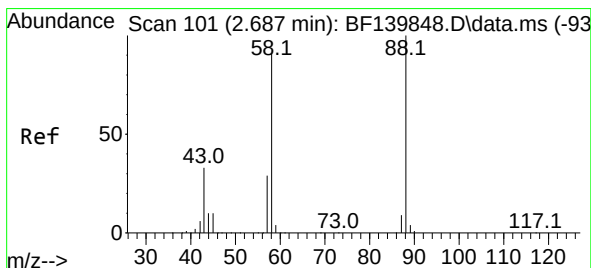
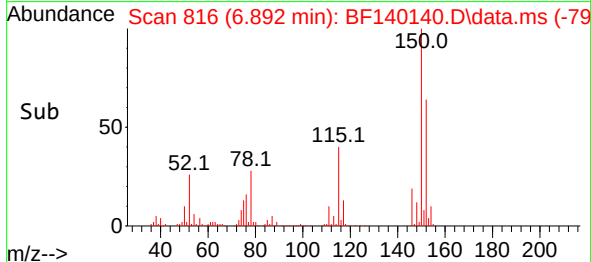
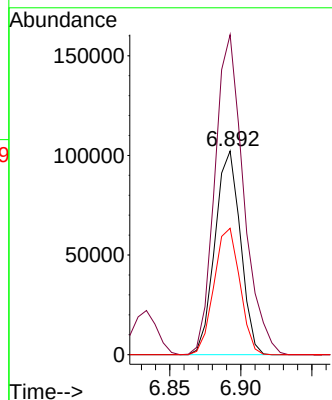
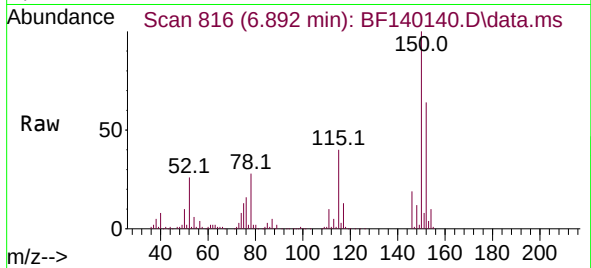




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

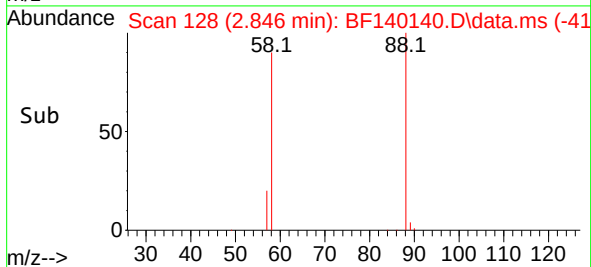
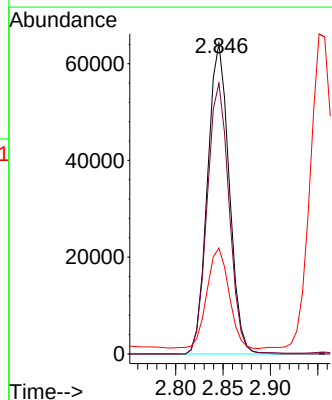
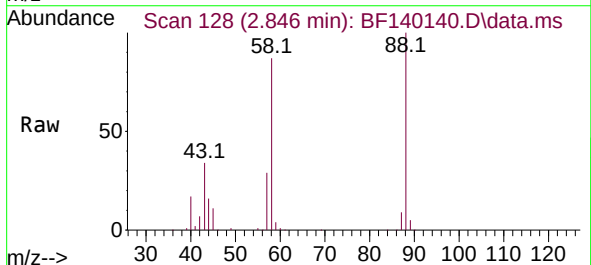
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

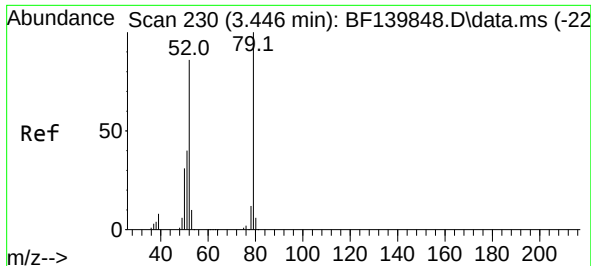
Tgt Ion:152 Resp: 127559  
Ion Ratio Lower Upper  
152 100  
150 157.0 130.2 195.2  
115 62.1 51.4 77.2



#2  
1,4-Dioxane  
Concen: 26.818 ng  
RT: 2.846 min Scan# 128  
Delta R.T. 0.159 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 88 Resp: 101885  
Ion Ratio Lower Upper  
88 100  
58 88.5 73.3 109.9  
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 22.323 ng

RT: 3.563 min Scan# 210

Delta R.T. 0.118 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

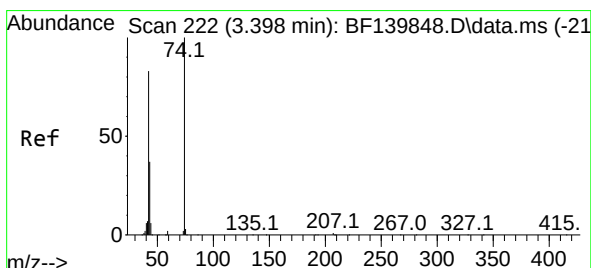
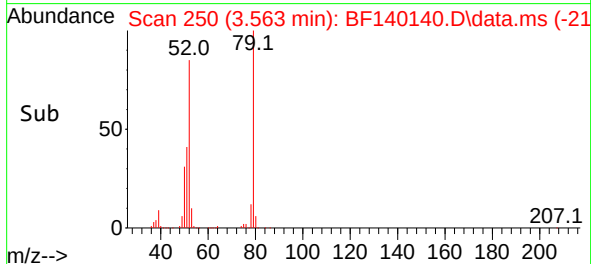
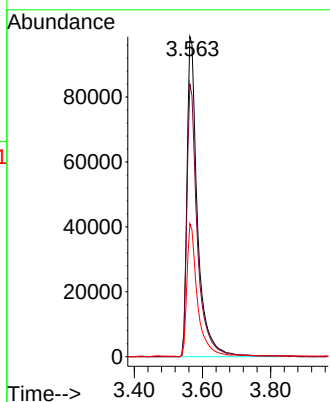
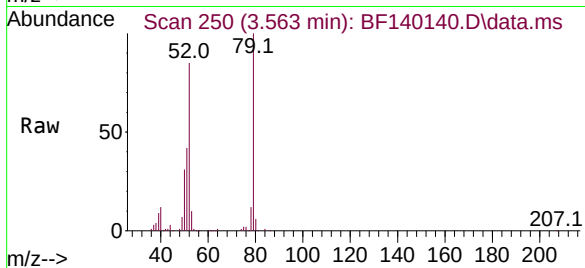
Tgt Ion: 79 Resp: 210206

Ion Ratio Lower Upper

79 100

52 85.2 68.5 102.7

51 41.6 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 33.065 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.106 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

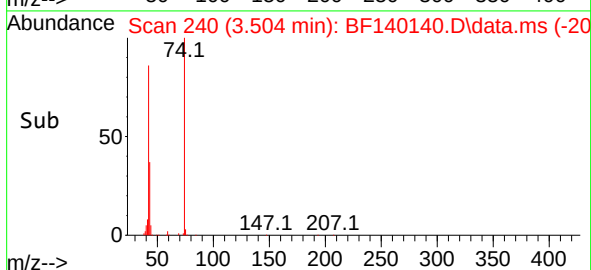
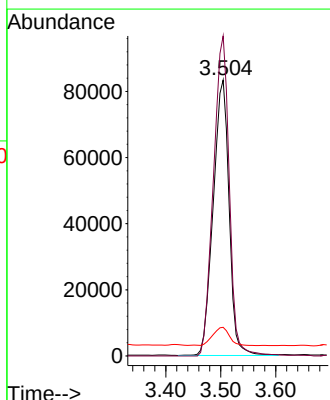
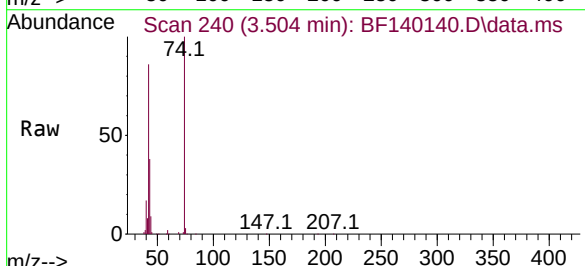
Tgt Ion: 42 Resp: 167287

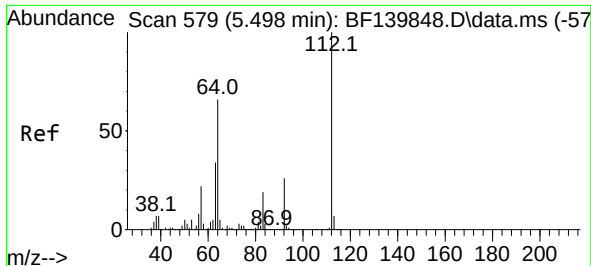
Ion Ratio Lower Upper

42 100

74 115.9 96.2 144.4

44 10.4 6.2 9.2#

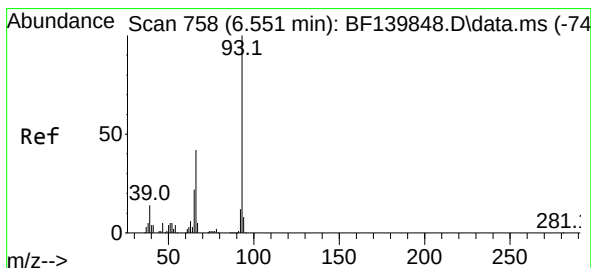
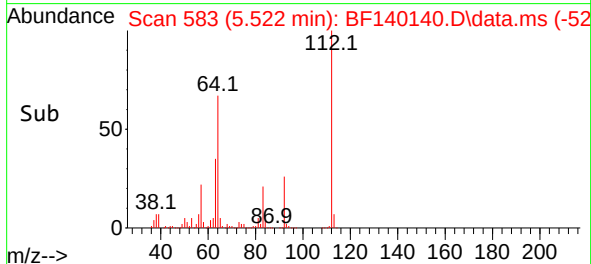
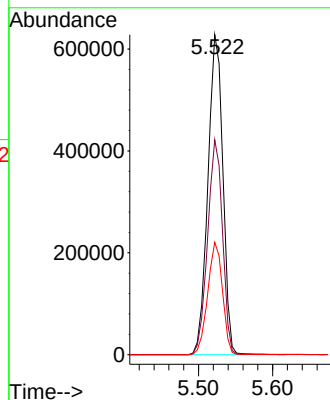
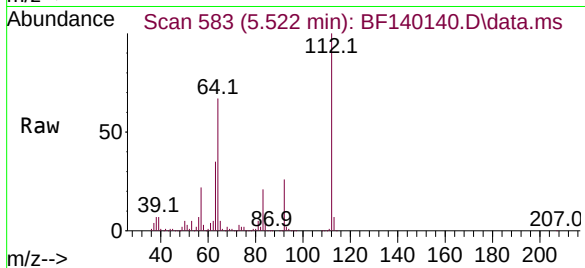




#5  
2-Fluorophenol  
Concen: 108.353 ng  
RT: 5.522 min Scan# 511  
Delta R.T. 0.024 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

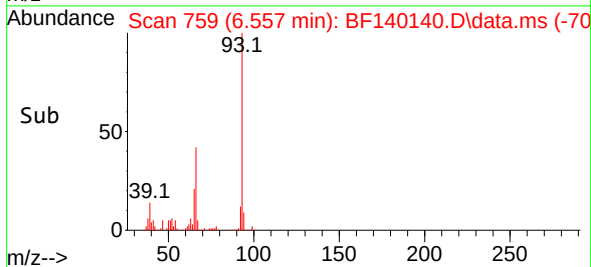
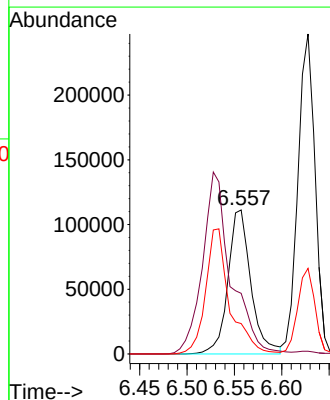
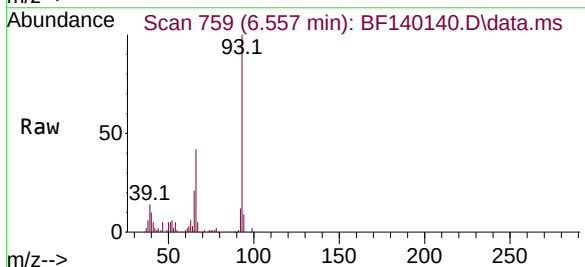
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

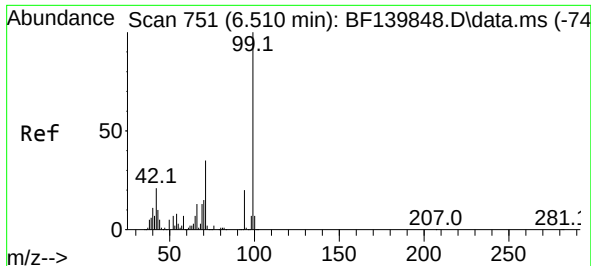
Tgt Ion:112 Resp: 882879  
Ion Ratio Lower Upper  
112 100  
64 67.1 53.0 79.6  
63 35.1 27.0 40.4



#6  
Aniline  
Concen: 19.057 ng  
RT: 6.557 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 93 Resp: 187434  
Ion Ratio Lower Upper  
93 100  
66 42.1 34.0 51.0  
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 103.982 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

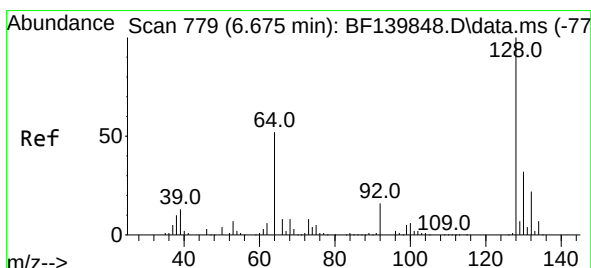
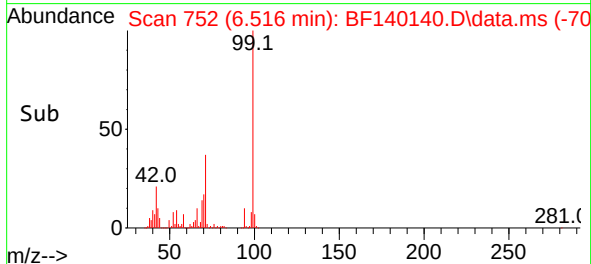
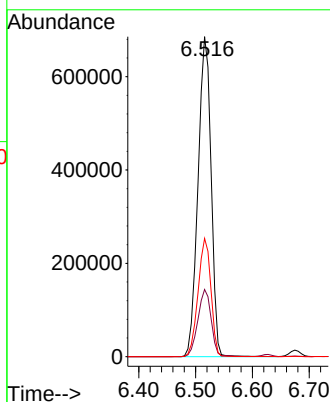
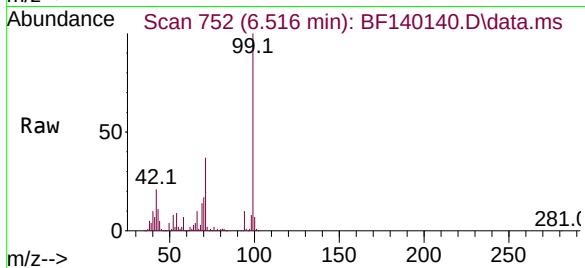
BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion: 99 Resp: 1097346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.0  | 16.7  | 25.1  |
| 71  | 37.0  | 27.7  | 41.5  |



#8

2-Chlorophenol

Concen: 38.839 ng

RT: 6.675 min Scan# 779

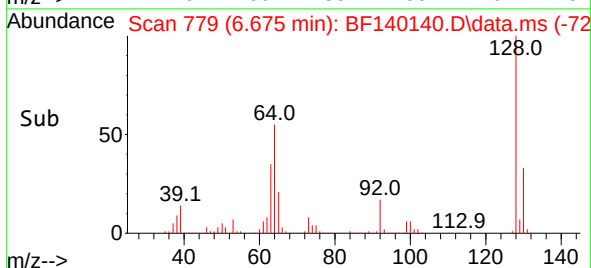
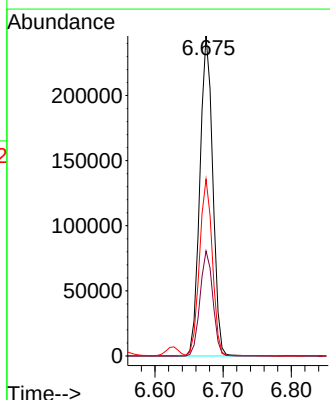
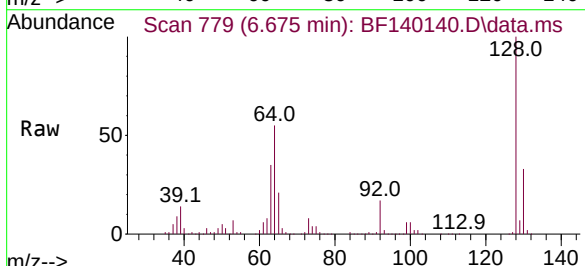
Delta R.T. 0.000 min

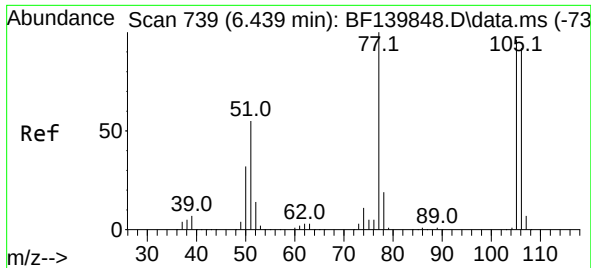
Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:128 Resp: 323528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.3  | 52.3  |
| 64  | 55.2  | 34.6  | 74.6  |



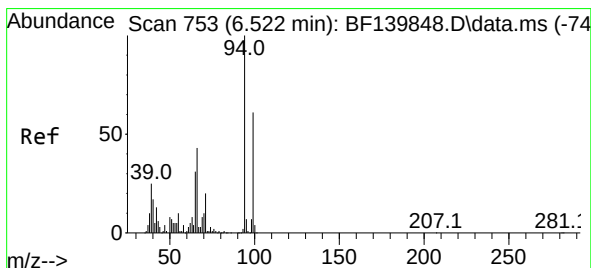
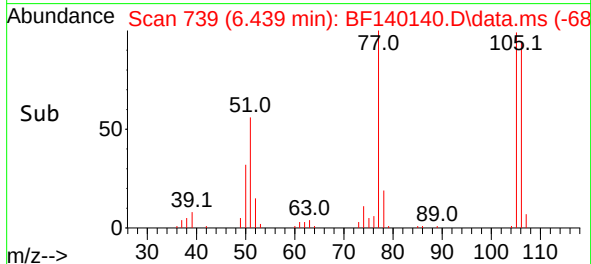
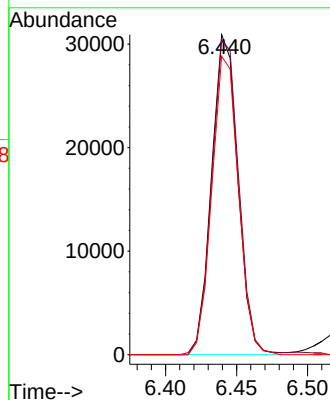
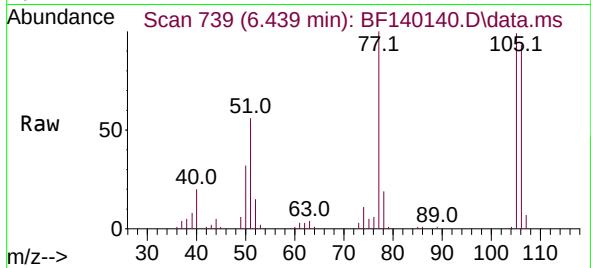


#9  
Benzaldehyde  
Concen: 6.685 ng  
RT: 6.439 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion: 77 Resp: 39687

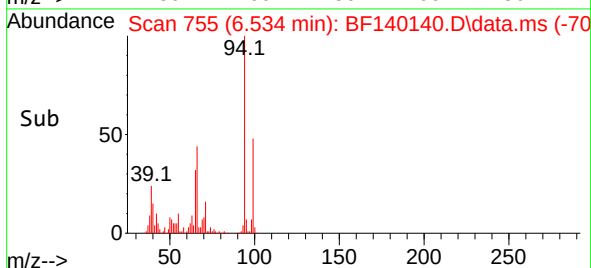
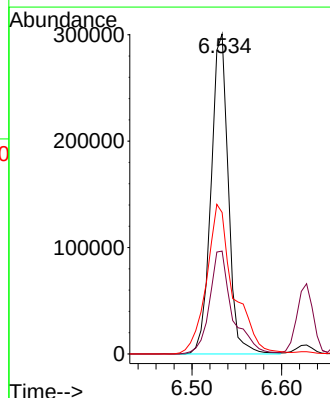
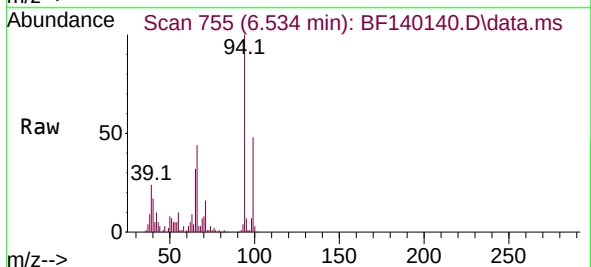
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 98.5  | 75.5  | 115.5 |
| 106 | 93.3  | 71.7  | 111.7 |



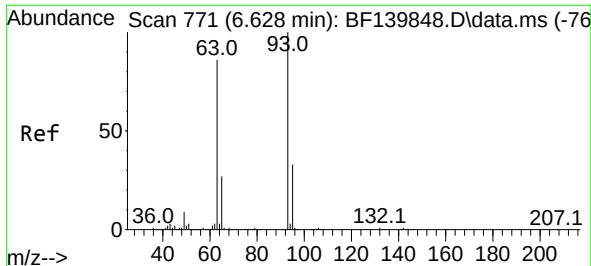
#10  
Phenol  
Concen: 36.923 ng  
RT: 6.534 min Scan# 755  
Delta R.T. 0.012 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 94 Resp: 401716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.2  | 11.1  | 51.1  |
| 66  | 44.2  | 22.7  | 62.7  |



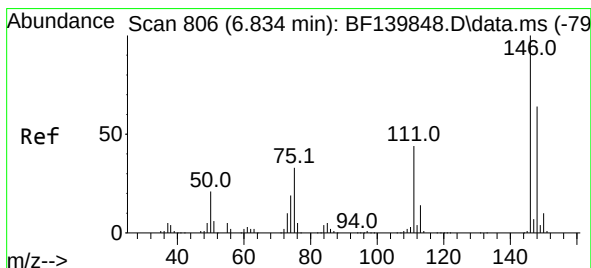
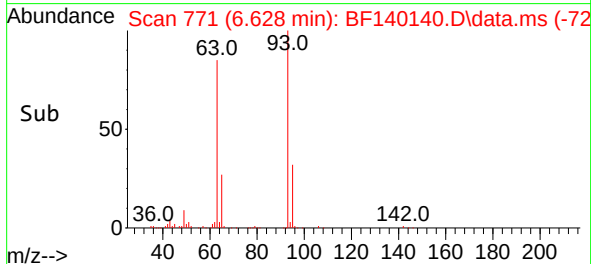
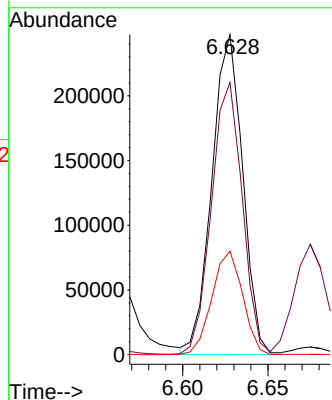
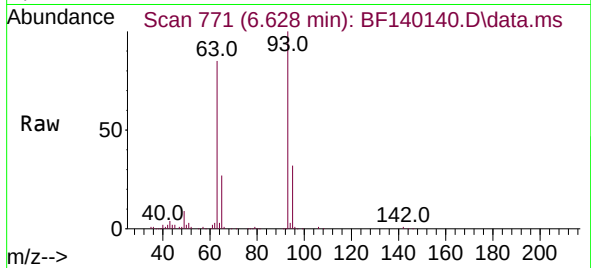




#11  
bis(2-Chloroethyl)ether  
Concen: 36.874 ng  
RT: 6.628 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

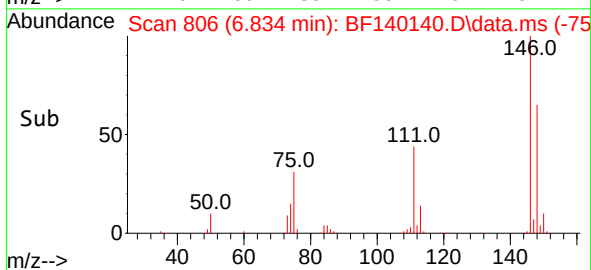
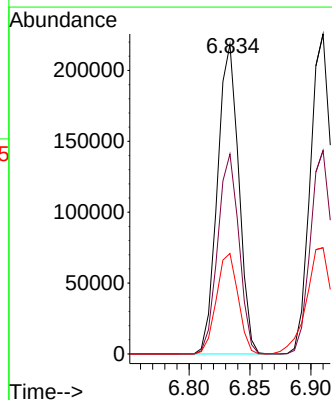
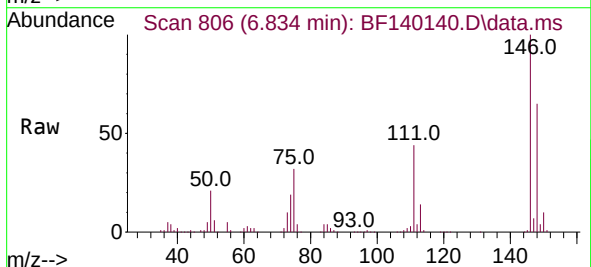
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

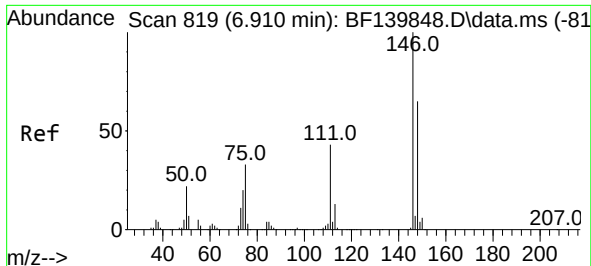
Tgt Ion: 93 Resp: 310085  
Ion Ratio Lower Upper  
93 100  
63 85.1 65.0 105.0  
95 32.3 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 27.863 ng  
RT: 6.834 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:146 Resp: 266424  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.0 76.4  
75 32.5 26.4 39.6

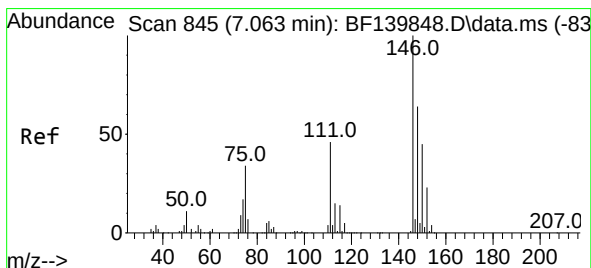
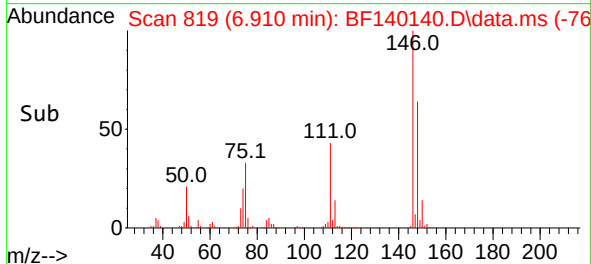
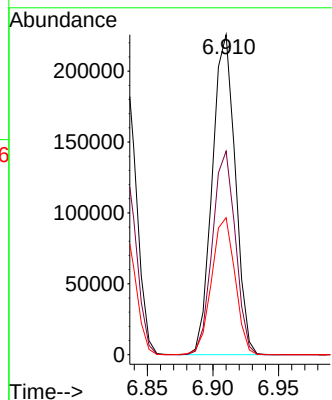
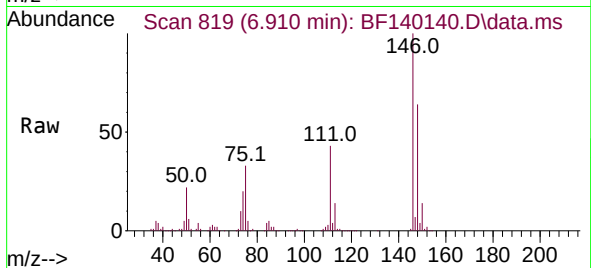




#13  
1,4-Dichlorobenzene  
Concen: 28.833 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

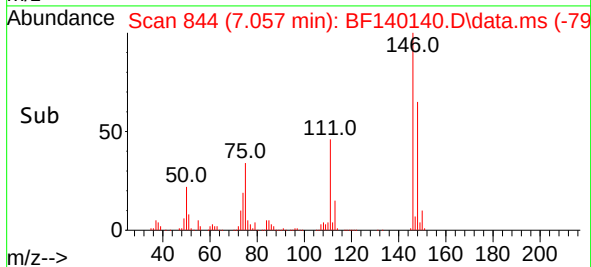
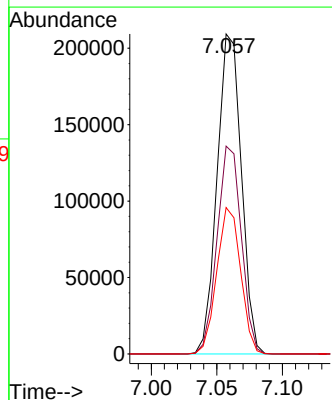
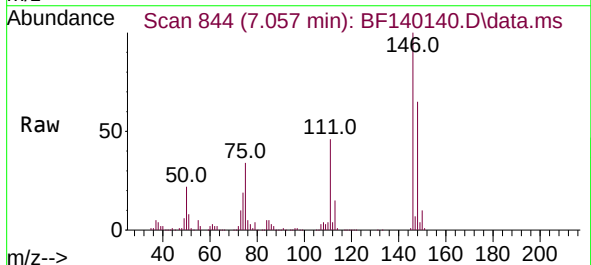
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

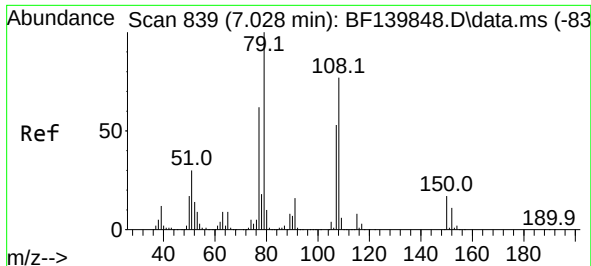
Tgt Ion:146 Resp: 275448  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.8 77.8  
111 42.8 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 30.285 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:146 Resp: 270017  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.4 77.2  
111 45.7 36.7 55.1

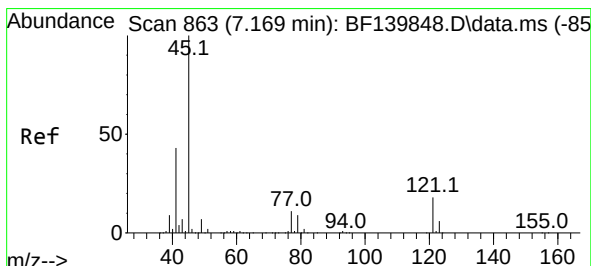
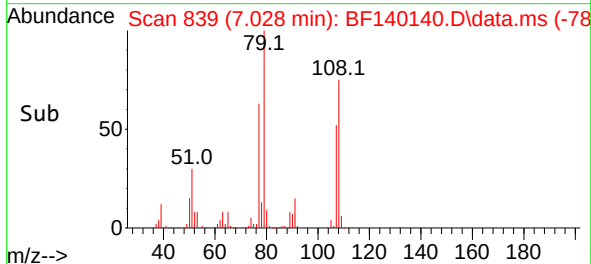
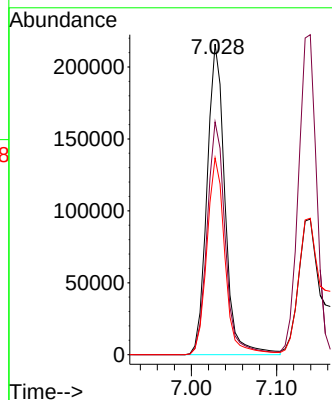
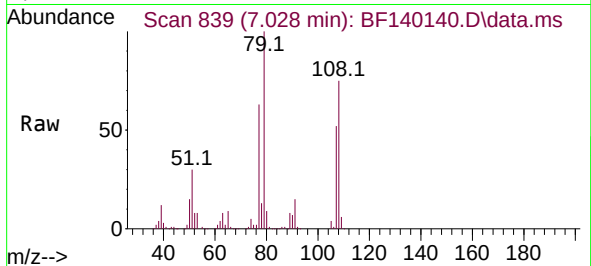




#15  
Benzyl Alcohol  
Concen: 40.839 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

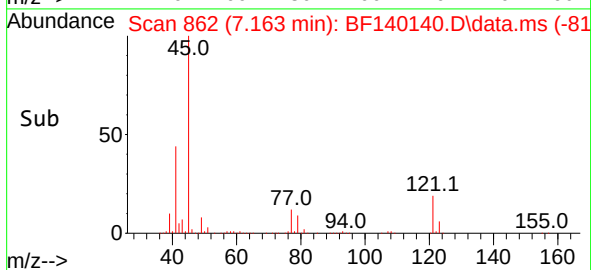
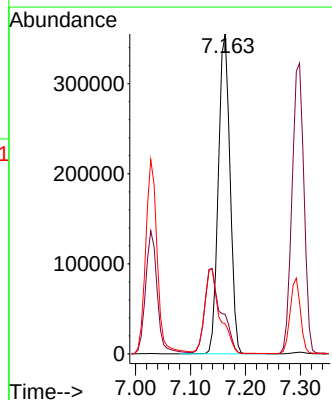
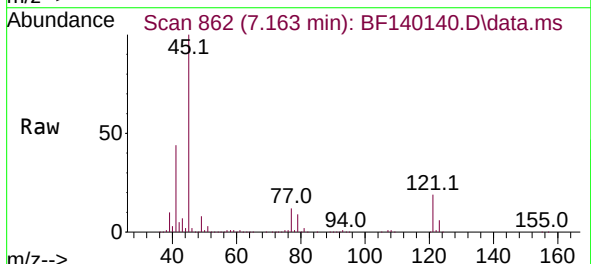
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

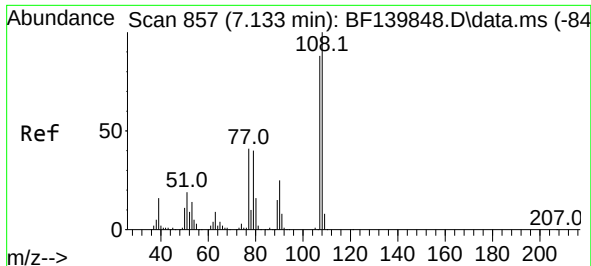
Tgt Ion: 79 Resp: 316139  
Ion Ratio Lower Upper  
79 100  
108 75.0 61.4 92.0  
77 63.4 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.454 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 45 Resp: 522711  
Ion Ratio Lower Upper  
45 100  
77 12.4 0.0 31.5  
79 9.4 0.0 29.1

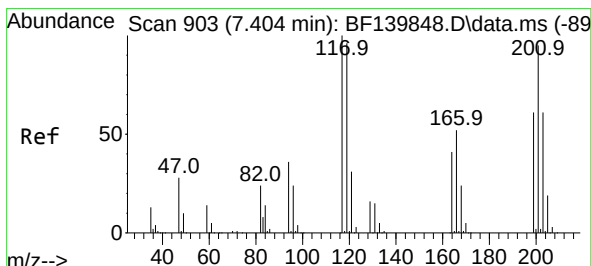
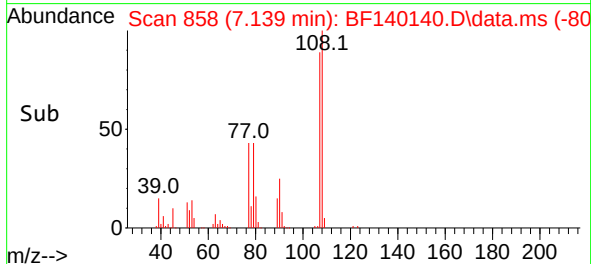
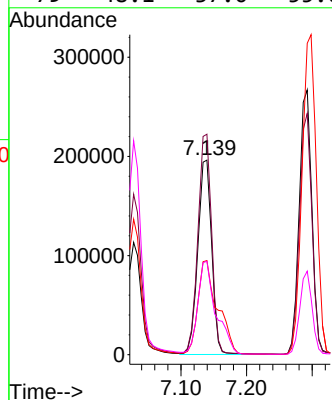
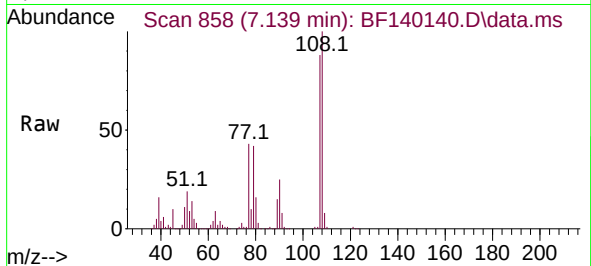




#17  
2-Methylphenol  
Concen: 40.767 ng  
RT: 7.139 min Scan# 857  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

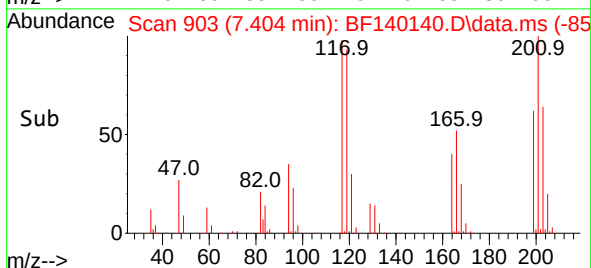
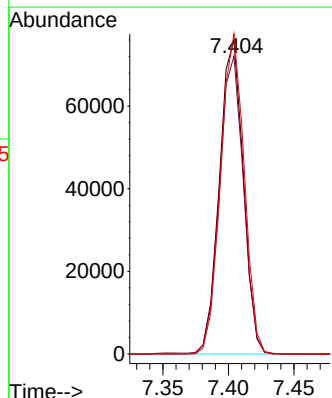
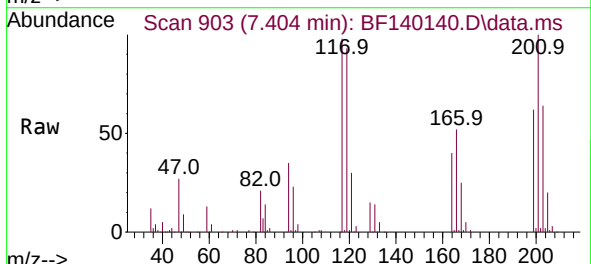
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

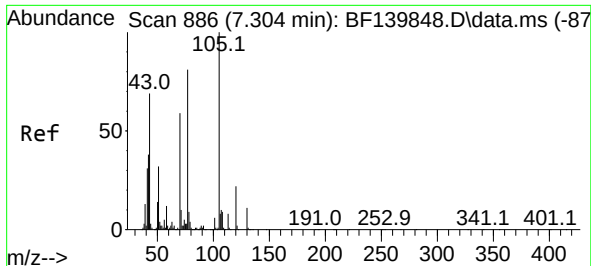
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 289564 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.3 | 91.3  | 136.9  |
| 77       | 48.3  | 37.1  | 55.7   |
| 79       | 48.1  | 37.0  | 55.6   |



#18  
Hexachloroethane  
Concen: 28.172 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 95972 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.9  | 77.0  | 115.4 |
| 201      | 102.0 | 76.2  | 114.4 |



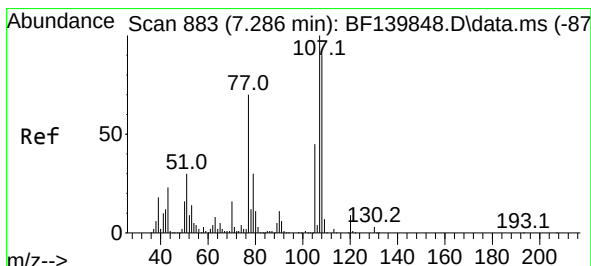
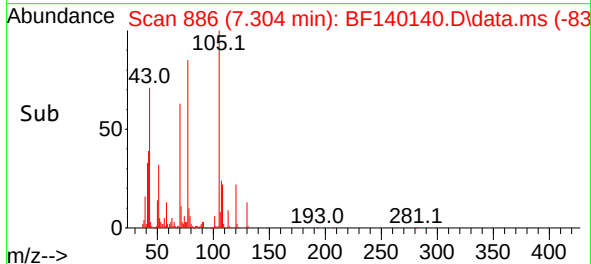
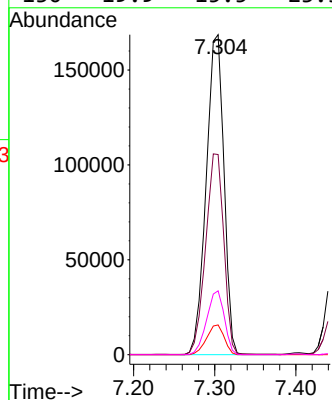
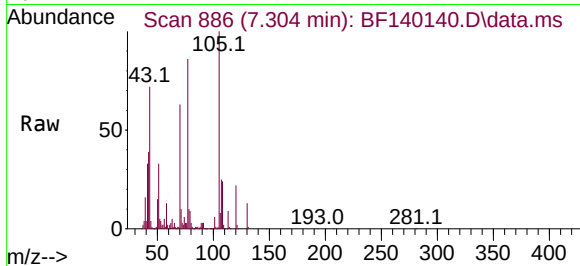


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.996 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion: 70 Resp: 255995

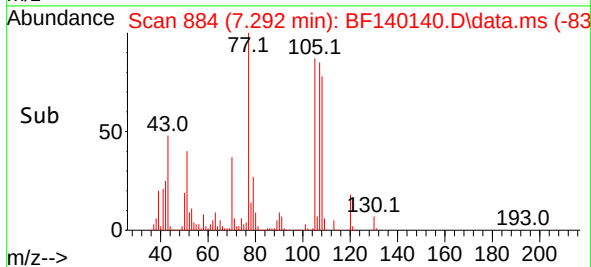
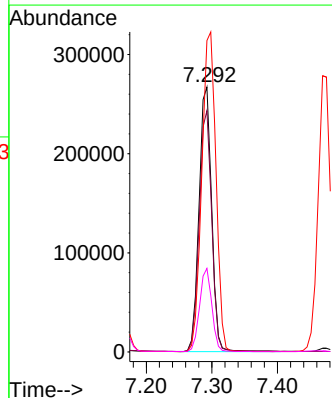
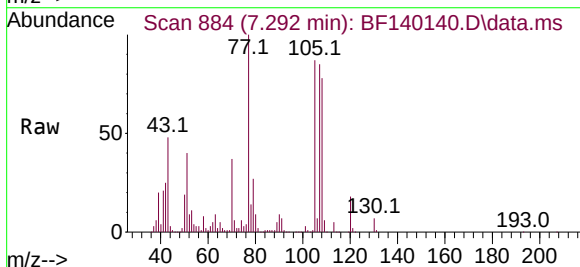
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 62.5  | 51.5  | 77.3  |
| 101 | 9.3   | 7.5   | 11.3  |
| 130 | 19.9  | 15.5  | 23.3  |

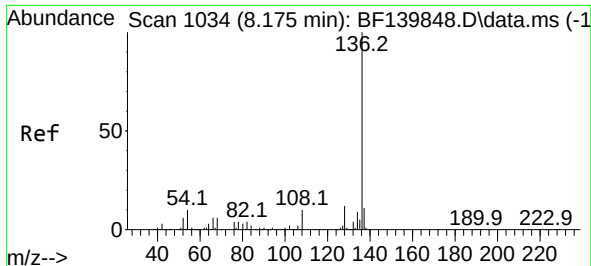


#20  
3+4-Methylphenols  
Concen: 39.274 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 107 Resp: 356808

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.1  | 69.8  | 109.8 |
| 77  | 117.5 | 50.5  | 90.5# |
| 79  | 31.5  | 10.2  | 50.2  |



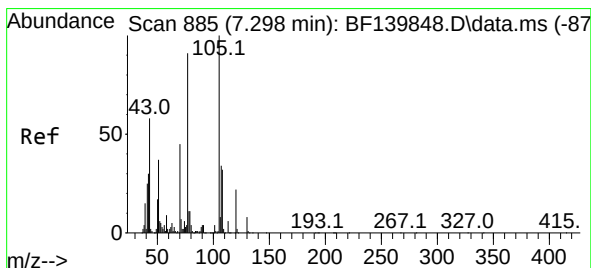
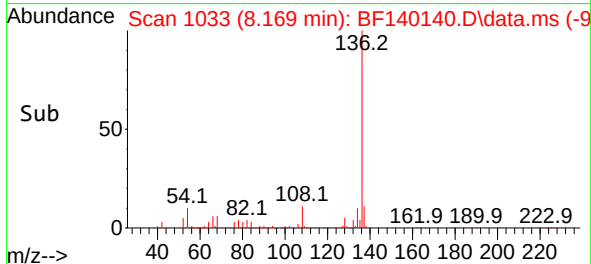
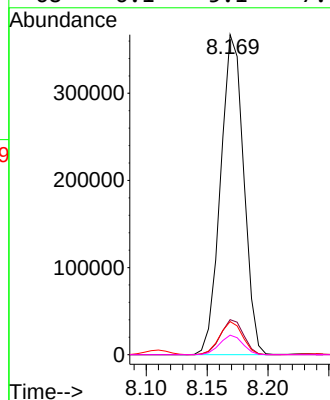
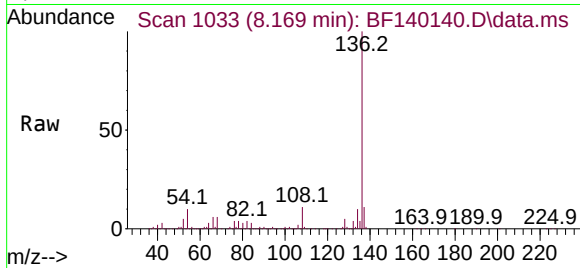


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion:136 Resp: 485788

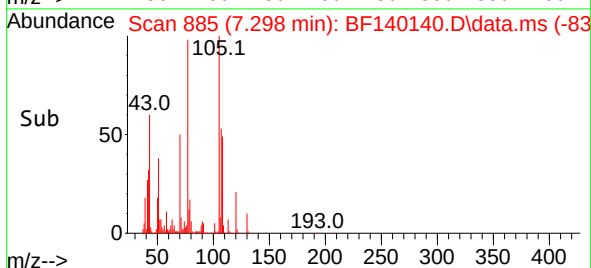
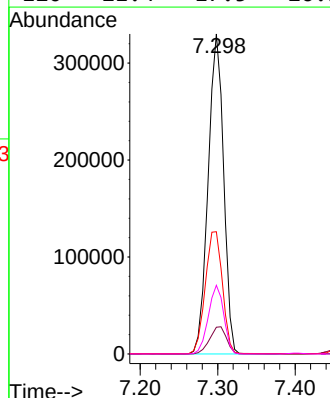
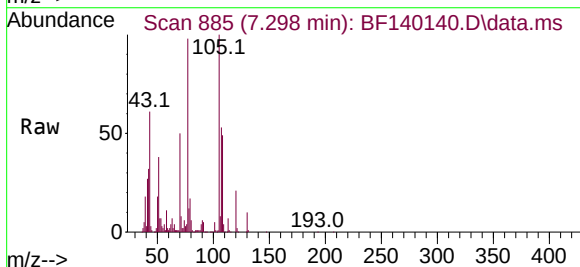
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 12.8  |
| 54  | 10.3  | 8.4   | 12.6  |
| 68  | 6.1   | 5.1   | 7.7   |

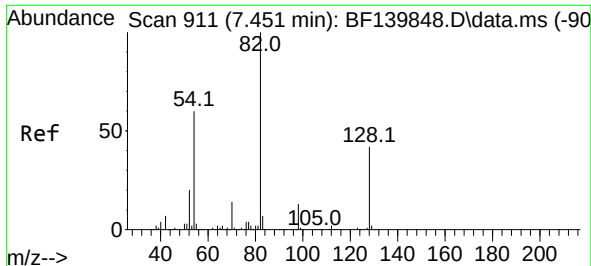


#22  
Acetophenone  
Concen: 38.479 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:105 Resp: 457849

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.4   | 5.9   | 8.9   |
| 51  | 38.2  | 29.4  | 44.2  |
| 120 | 21.4  | 17.5  | 26.3  |





#23

Nitrobenzene-d5

Concen: 91.652 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

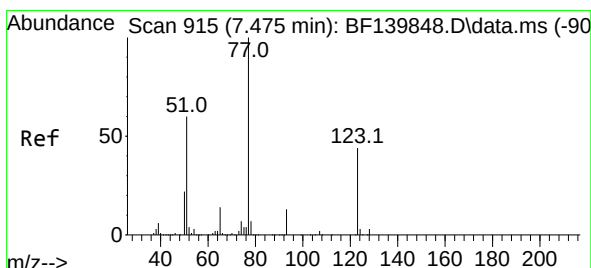
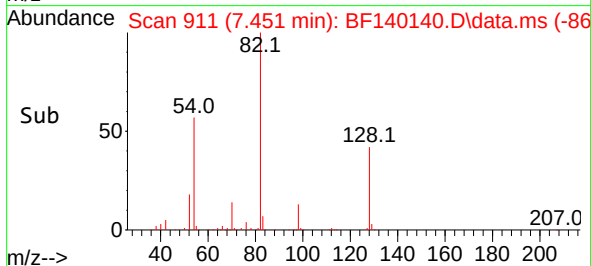
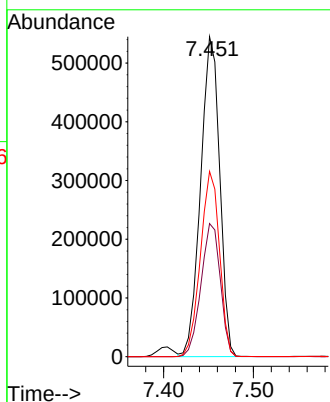
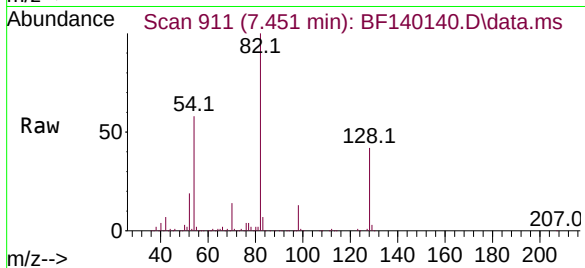
Tgt Ion: 82 Resp: 803332

Ion Ratio Lower Upper

82 100

128 41.6 33.4 50.0

54 57.9 47.8 71.8



#24

Nitrobenzene

Concen: 38.203 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

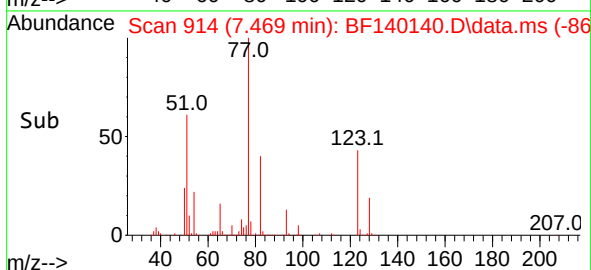
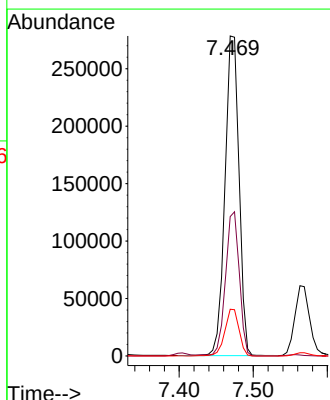
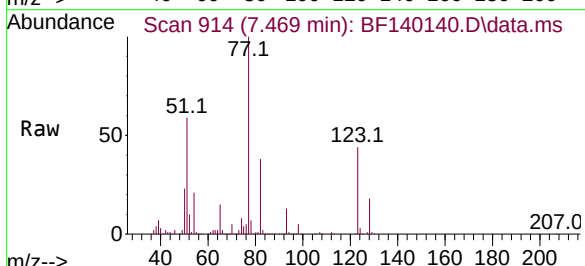
Tgt Ion: 77 Resp: 367123

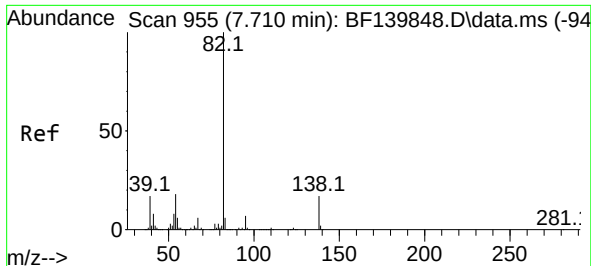
Ion Ratio Lower Upper

77 100

123 43.6 35.7 53.5

65 14.6 11.5 17.3

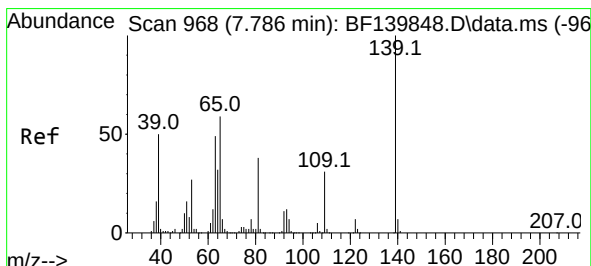
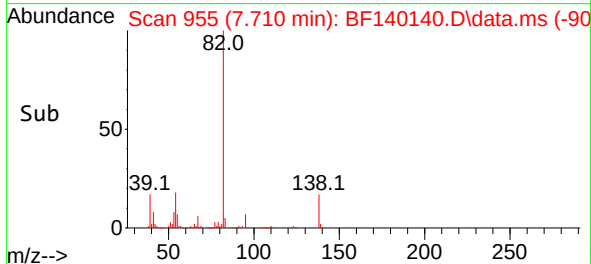
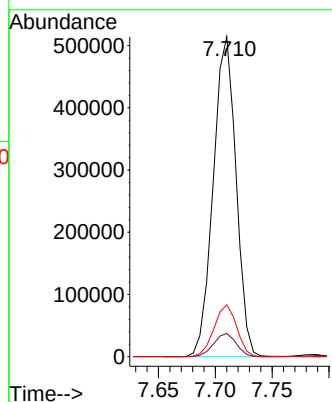
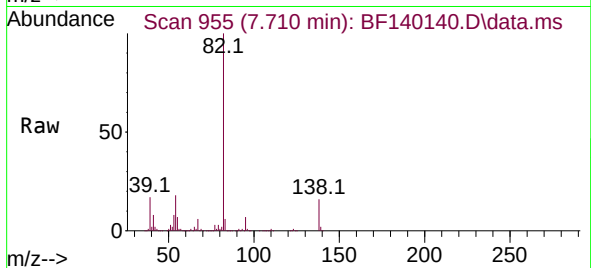




#25  
Isophorone  
Concen: 43.063 ng  
RT: 7.710 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

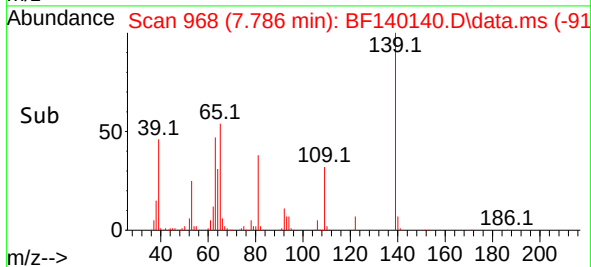
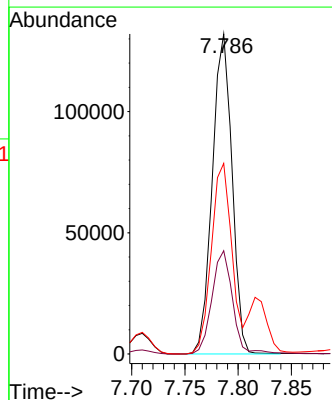
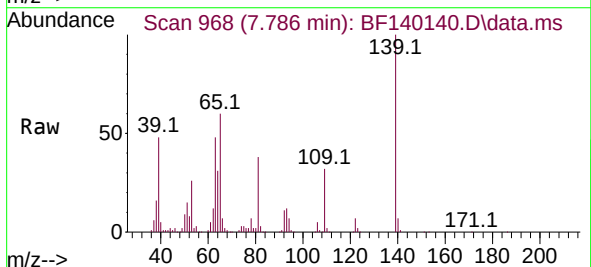
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion: 82 Resp: 716397  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.5 8.3  
138 16.2 13.2 19.8

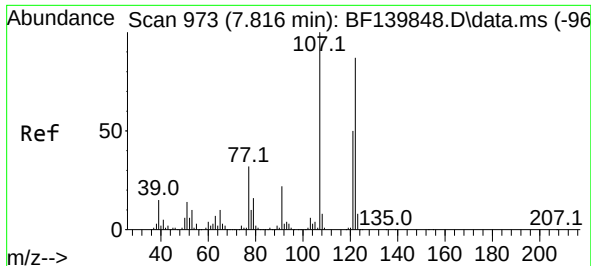


#26  
2-Nitrophenol  
Concen: 46.813 ng  
RT: 7.786 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:139 Resp: 169715  
Ion Ratio Lower Upper  
139 100  
109 32.3 25.1 37.7  
65 59.6 47.5 71.3



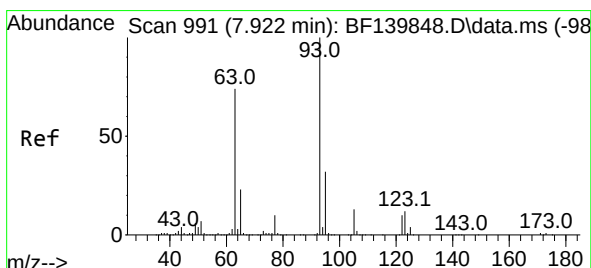
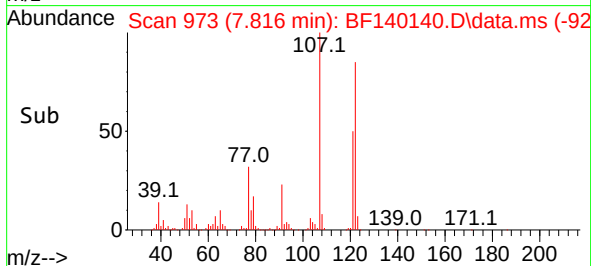
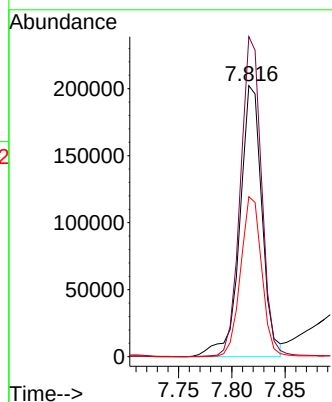
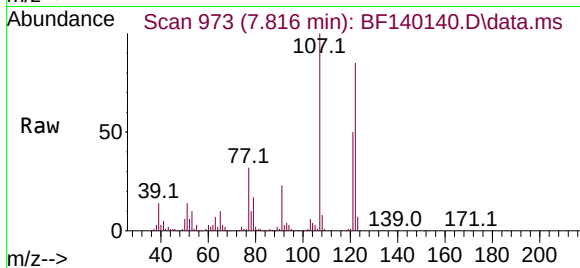




#27  
2,4-Dimethylphenol  
Concen: 48.454 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

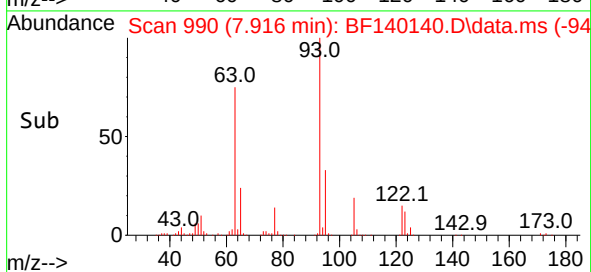
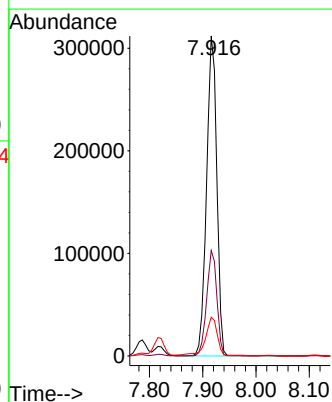
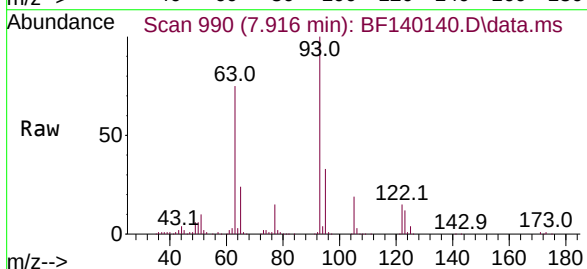
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

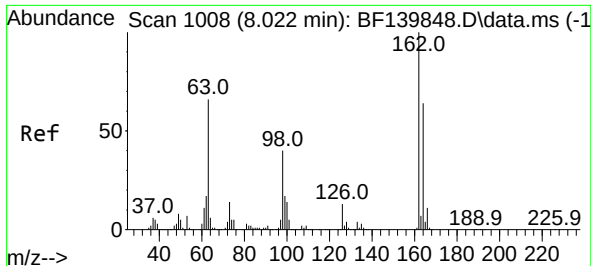
Tgt Ion:122 Resp: 292914  
Ion Ratio Lower Upper  
122 100  
107 118.1 91.9 137.9  
121 59.0 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.489 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion: 93 Resp: 418171  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.0 39.0  
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 42.513 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

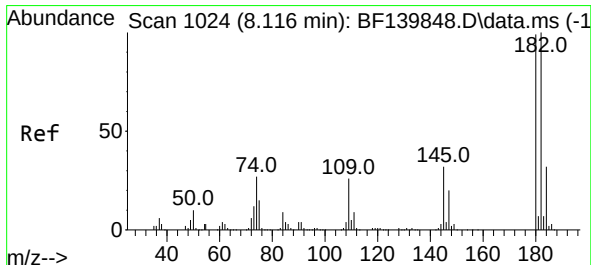
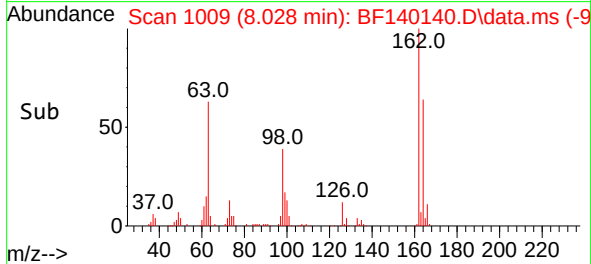
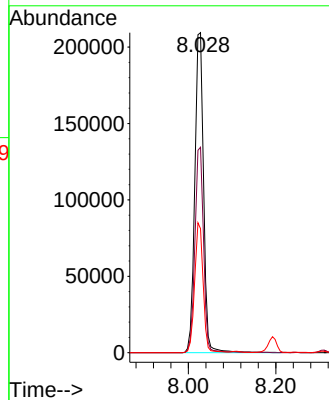
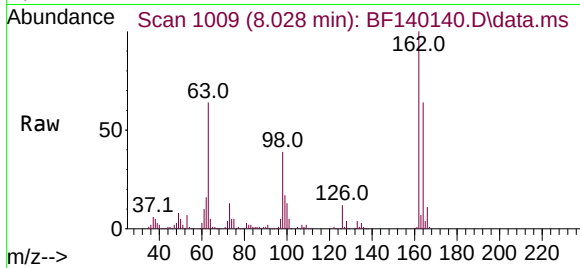
Tgt Ion:162 Resp: 292723

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 38.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 34.602 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

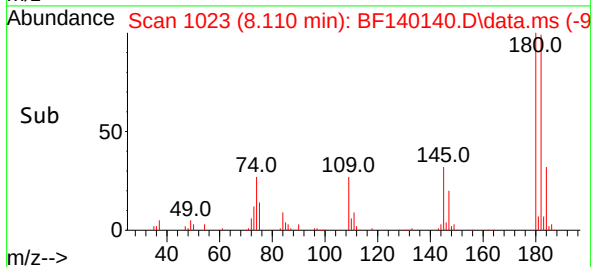
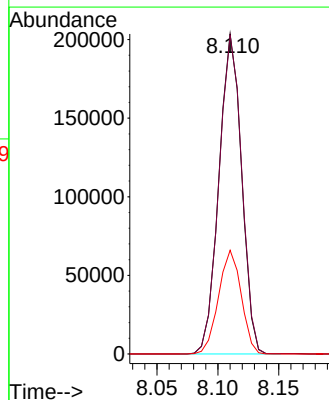
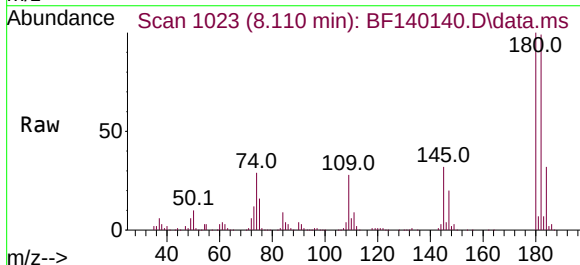
Tgt Ion:180 Resp: 263628

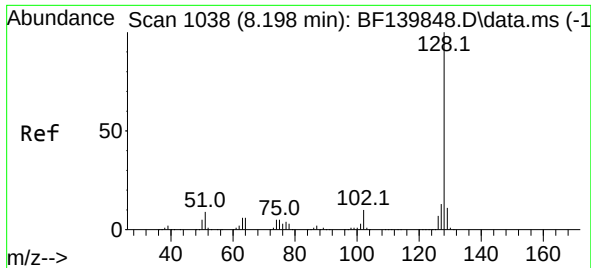
Ion Ratio Lower Upper

180 100

182 99.5 80.5 120.7

145 32.4 25.4 38.0

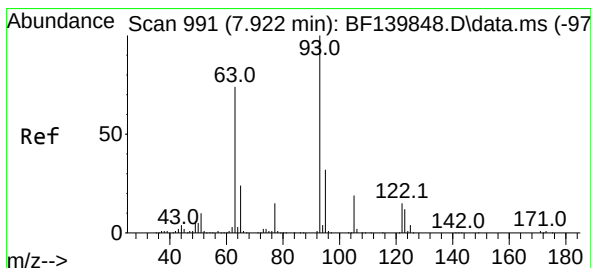
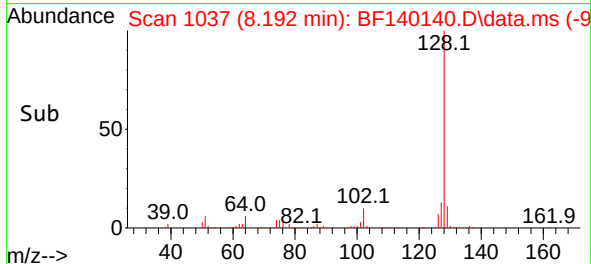
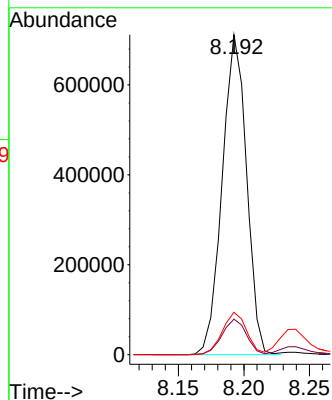
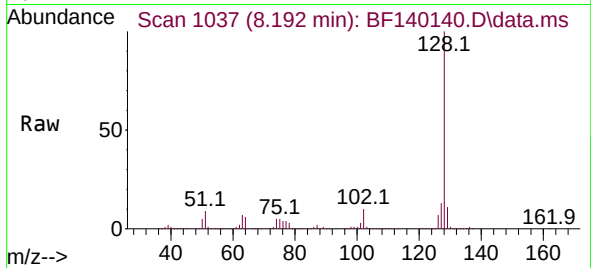




#31  
Naphthalene  
Concen: 36.637 ng  
RT: 8.192 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

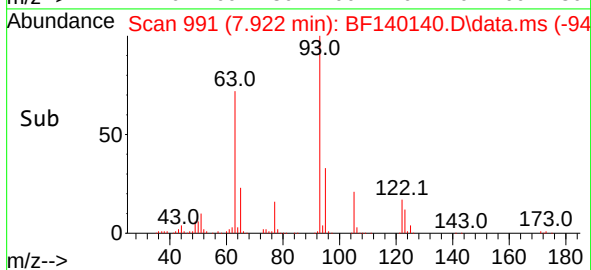
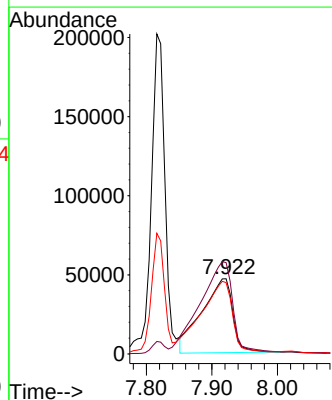
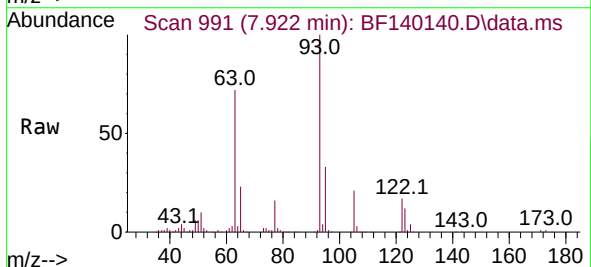
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

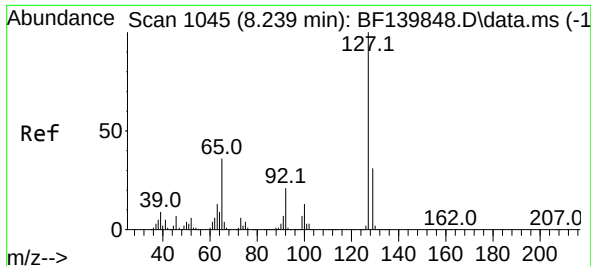
Tgt Ion:128 Resp: 917917  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 29.245 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:122 Resp: 154195  
Ion Ratio Lower Upper  
122 100  
105 121.5 107.6 147.6  
77 95.0 80.2 120.2

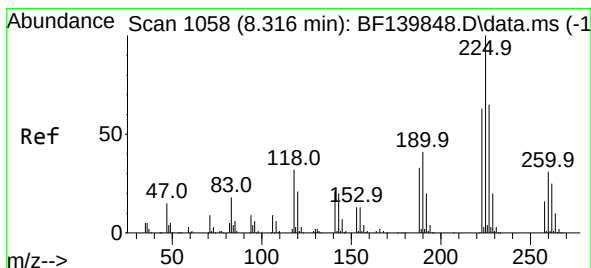
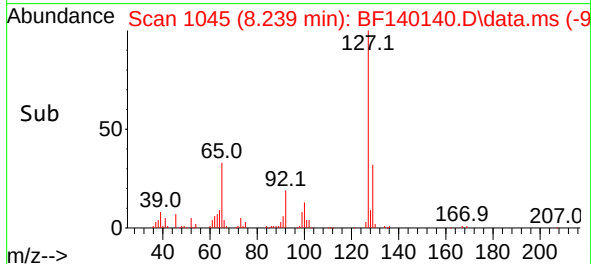
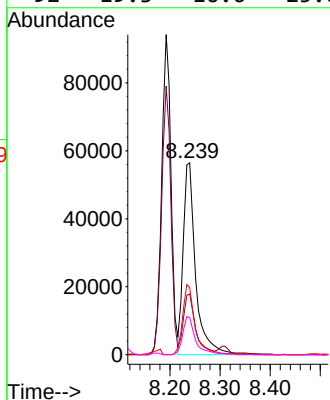
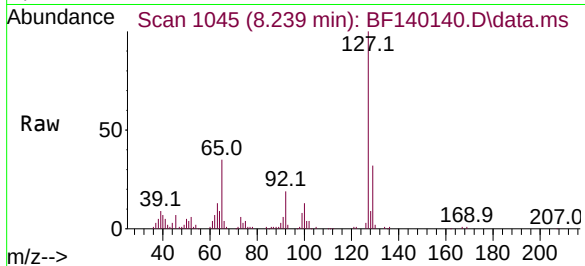




#33  
4-Chloroaniline  
Concen: 11.498 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

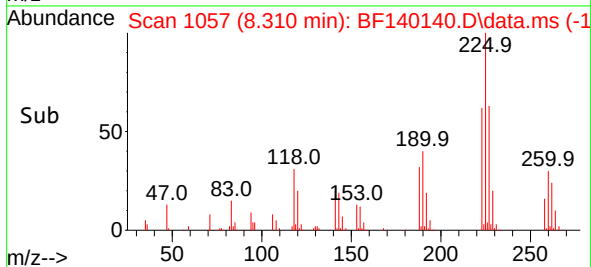
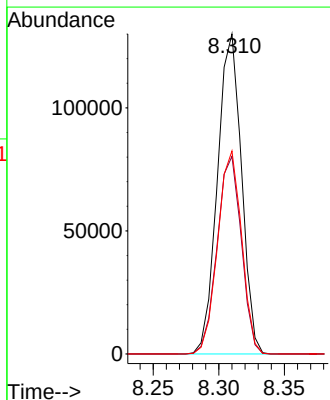
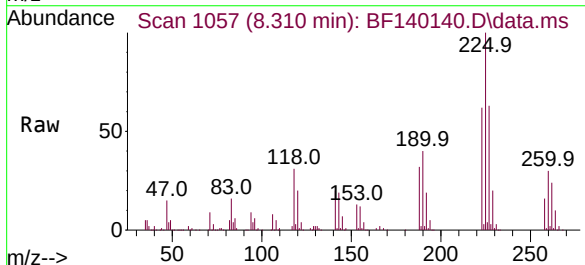
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

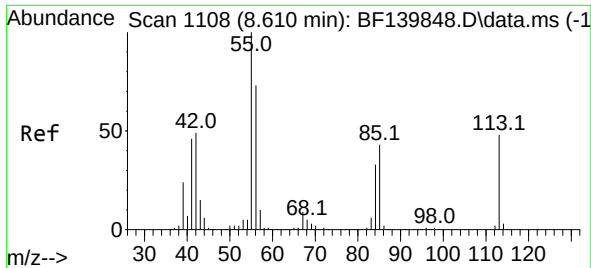
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 98228 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.7  | 25.4  | 38.2  |
| 65        | 35.1  | 28.4  | 42.6  |
| 92        | 19.3  | 16.6  | 25.0  |



#34  
Hexachlorobutadiene  
Concen: 34.608 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 165671 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.8  | 50.6  | 76.0   |
| 227       | 63.5  | 51.8  | 77.8   |

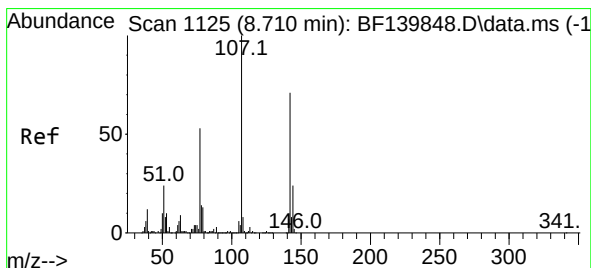
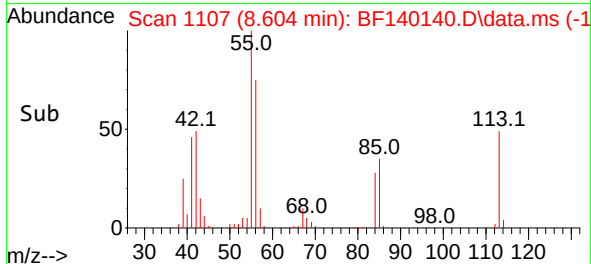
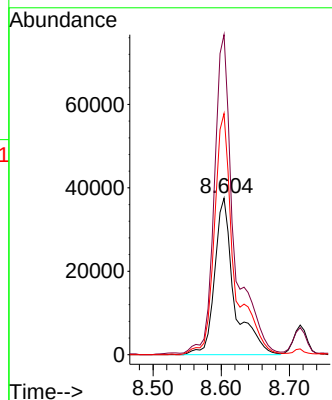
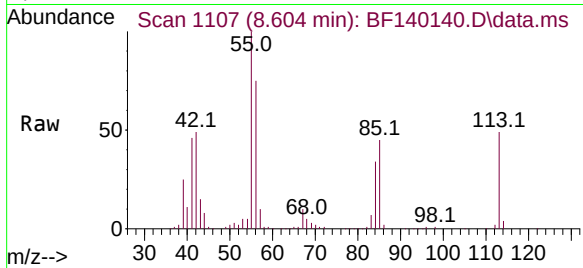




#35  
Caprolactam  
Concen: 34.414 ng  
RT: 8.604 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

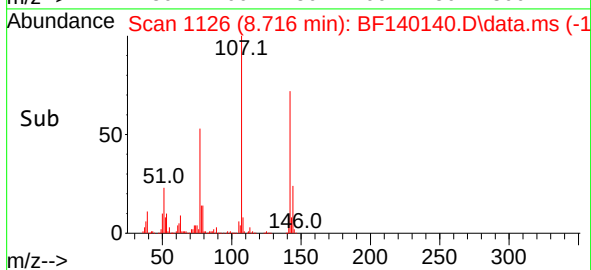
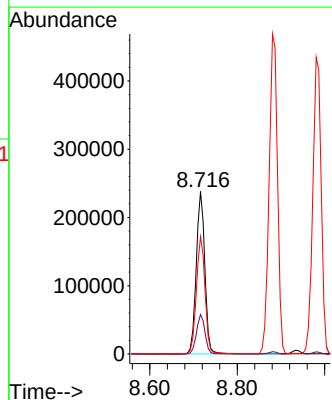
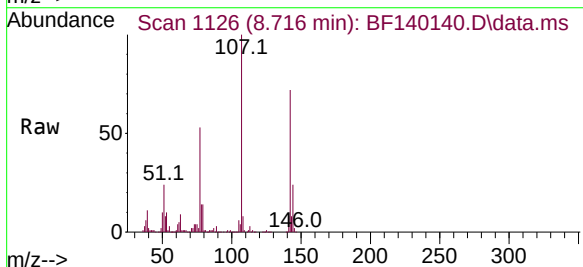
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

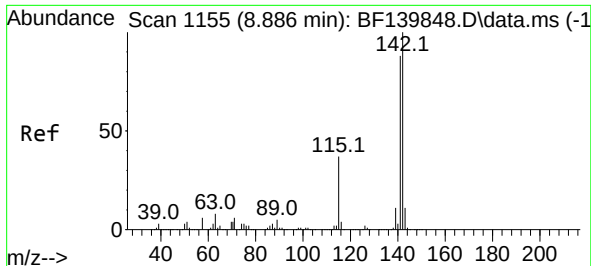
Tgt Ion:113 Resp: 75346  
Ion Ratio Lower Upper  
113 100  
55 204.5 189.2 229.2  
56 154.2 132.5 172.5



#36  
4-Chloro-3-methylphenol  
Concen: 42.789 ng  
RT: 8.716 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:107 Resp: 326234  
Ion Ratio Lower Upper  
107 100  
144 24.2 19.1 28.7  
142 72.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 40.431 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

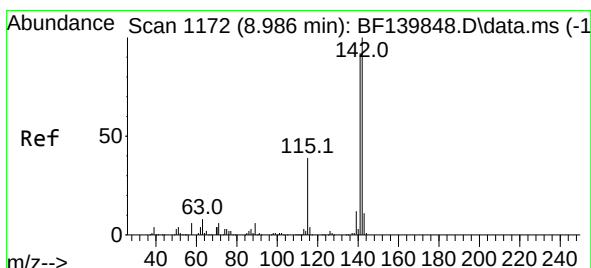
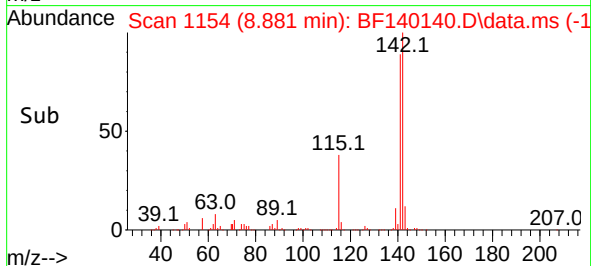
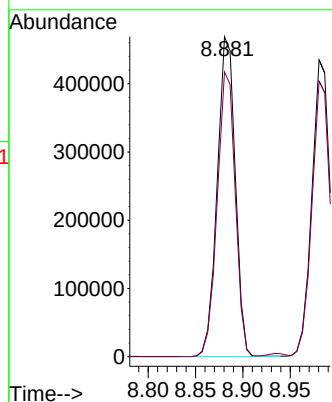
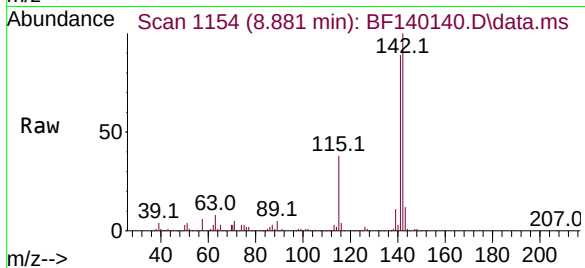
TP-4MS

Tgt Ion:142 Resp: 620377

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.308 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140140.D

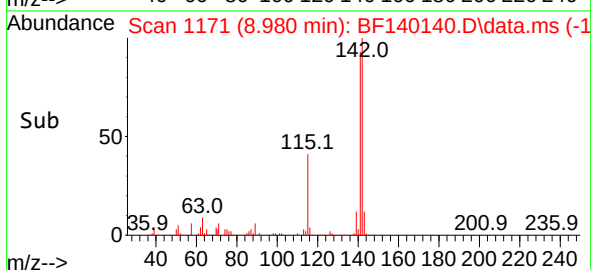
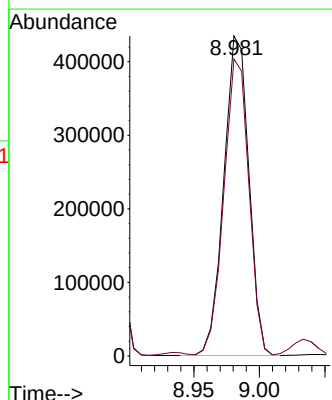
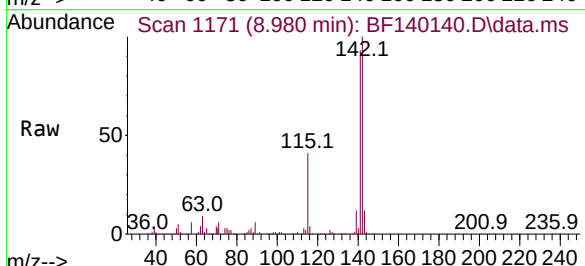
Acq: 30 Oct 2024 04:40

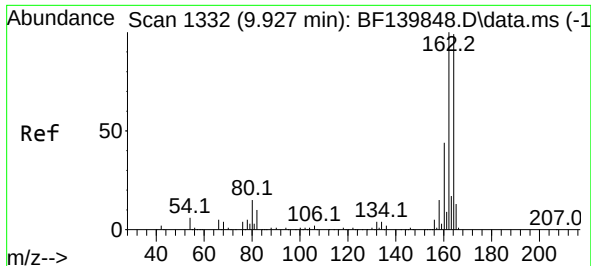
Tgt Ion:142 Resp: 576708

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

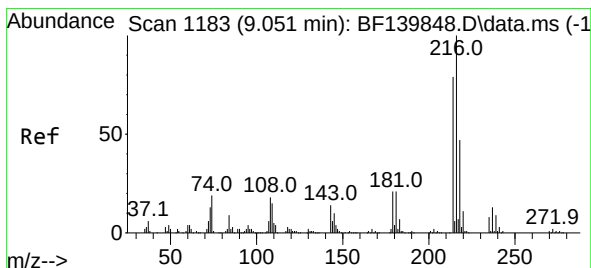
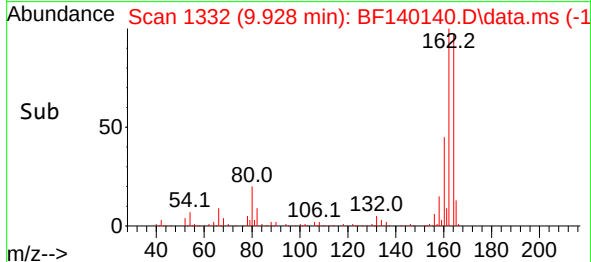
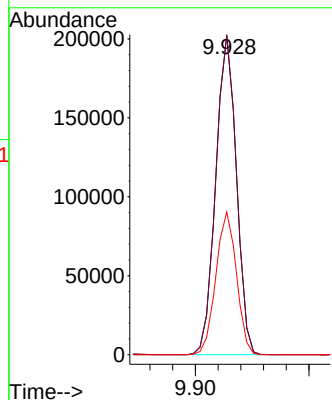
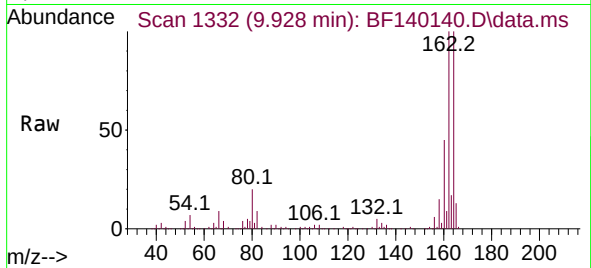




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1183  
Delta R.T. 0.001 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

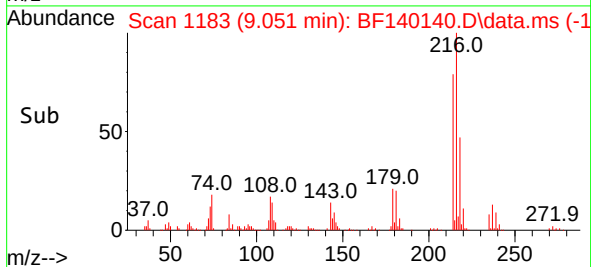
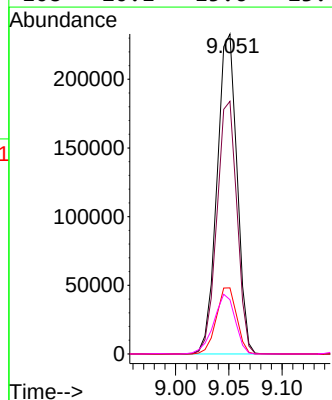
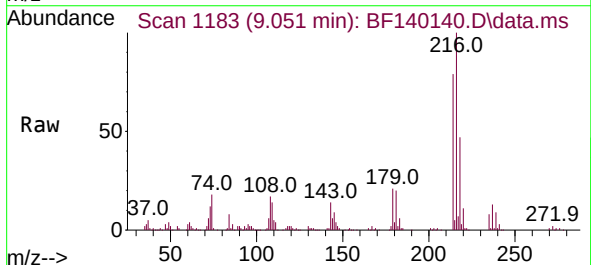
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

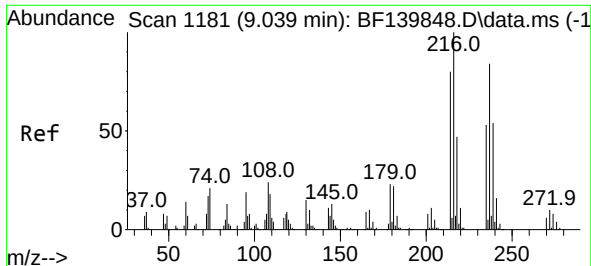
Tgt Ion:164 Resp: 254836  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.0 121.4  
160 44.7 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.120 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

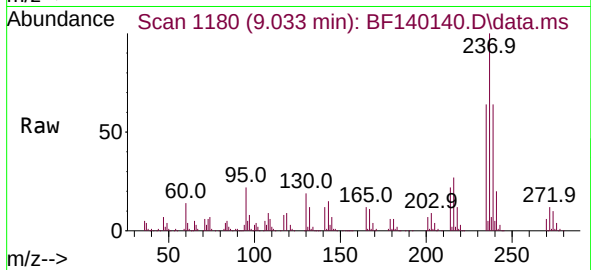
Tgt Ion:216 Resp: 303331  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.4 95.0  
179 21.0 17.2 25.8  
108 20.1 15.6 23.4



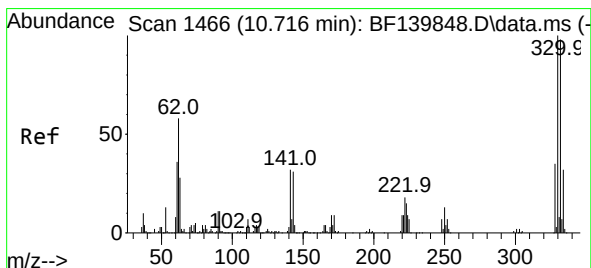
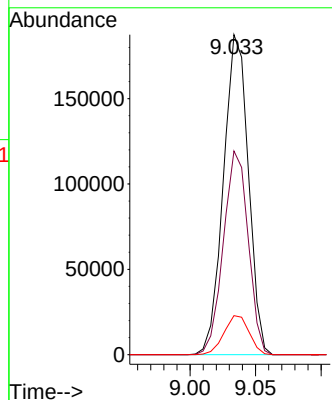
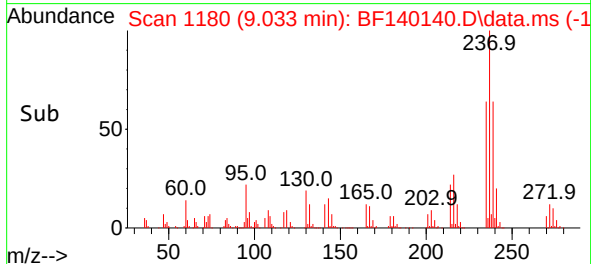


#41  
Hexachlorocyclopentadiene  
Concen: 103.609 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

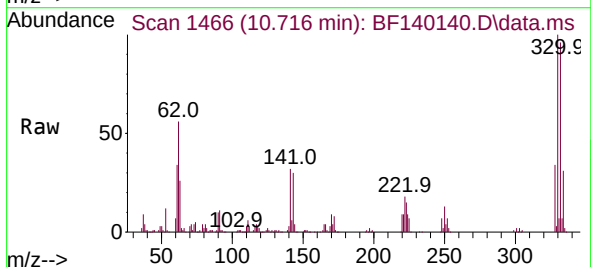
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



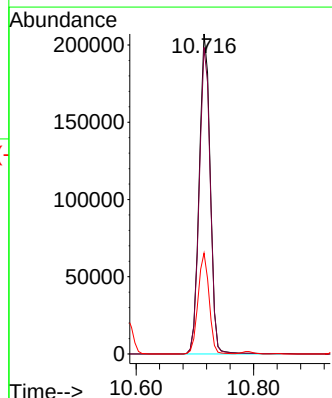
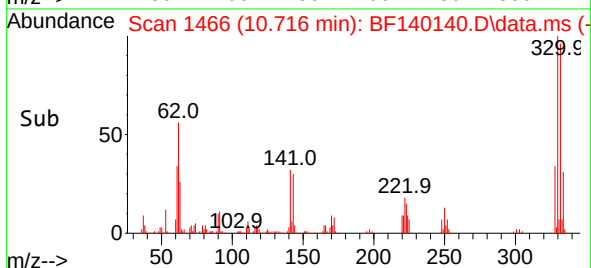
Tgt Ion:237 Resp: 247853  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.9 82.9  
272 12.2 0.0 32.3



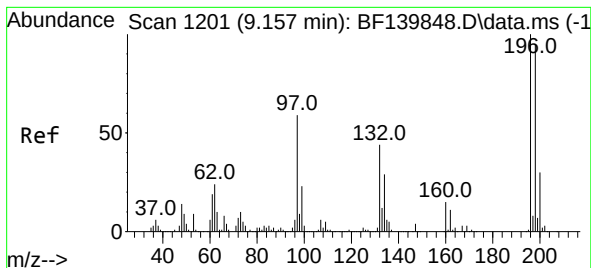
#42  
2,4,6-Tribromophenol  
Concen: 112.918 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40



Tgt Ion:330 Resp: 269158  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.1 117.1  
141 31.6 26.6 39.8



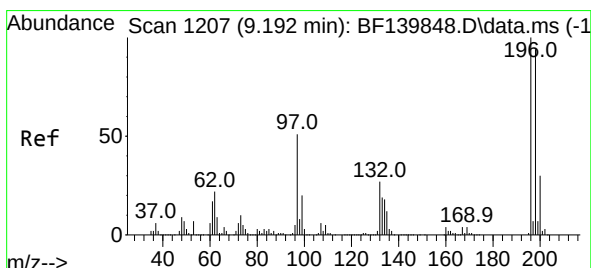
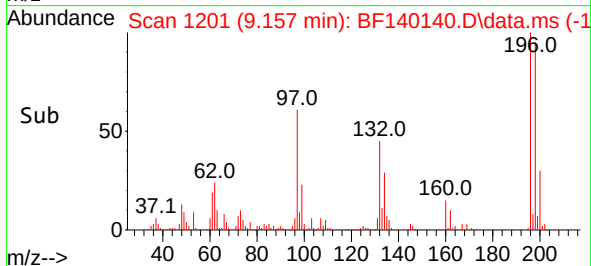
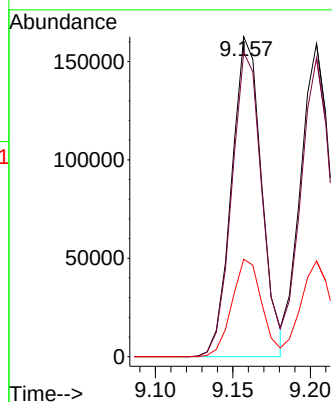
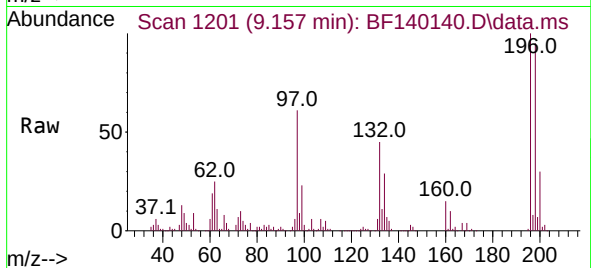




#43  
2,4,6-Trichlorophenol  
Concen: 44.906 ng  
RT: 9.157 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

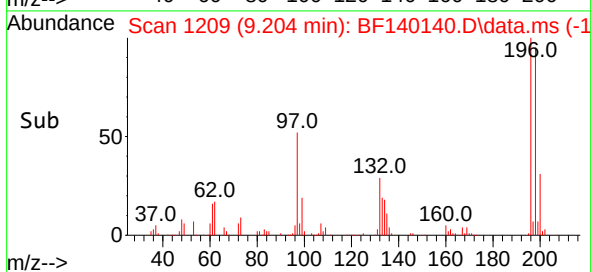
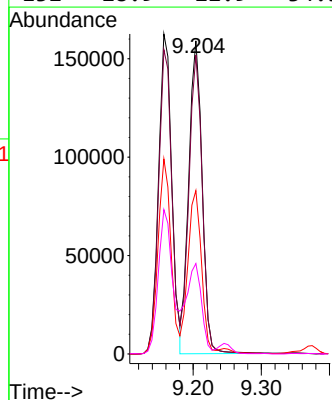
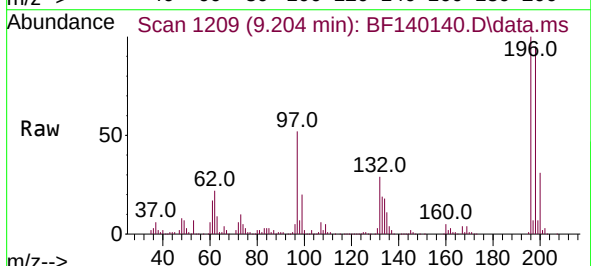
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

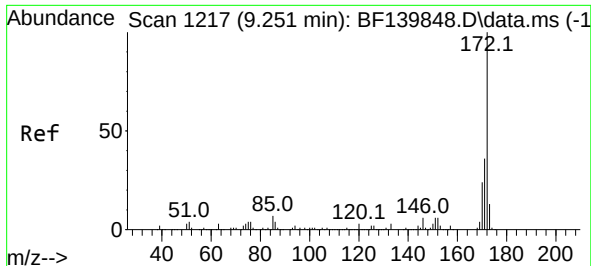
Tgt Ion:196 Resp: 218580  
Ion Ratio Lower Upper  
196 100  
198 95.1 76.2 114.2  
200 30.5 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 43.021 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. 0.012 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:196 Resp: 216046  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.8 113.6  
97 52.2 41.8 62.6  
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 89.903 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

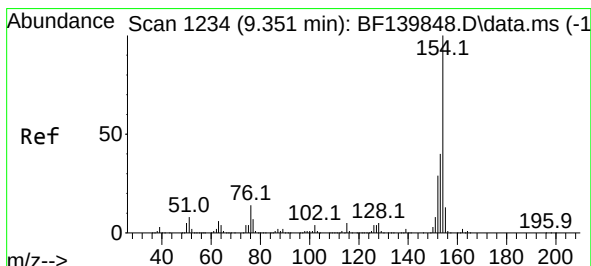
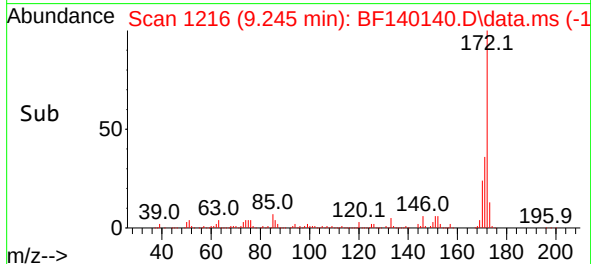
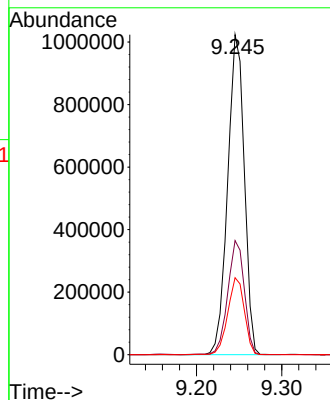
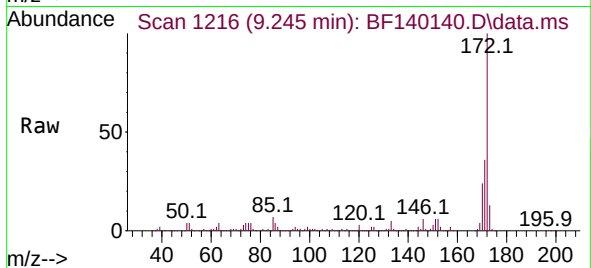
Tgt Ion:172 Resp: 1386246

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.941 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

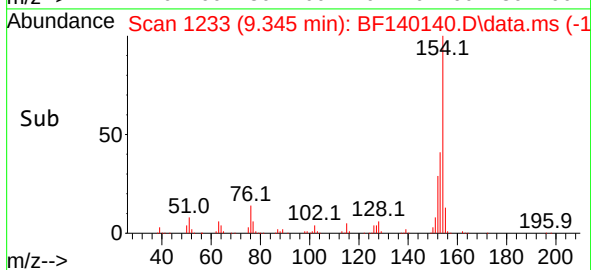
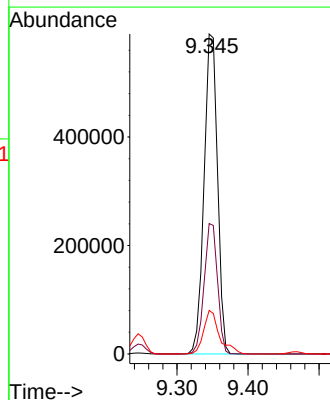
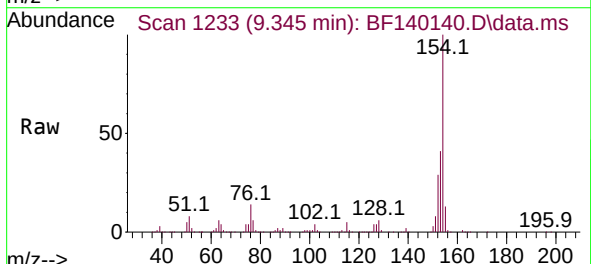
Tgt Ion:154 Resp: 779524

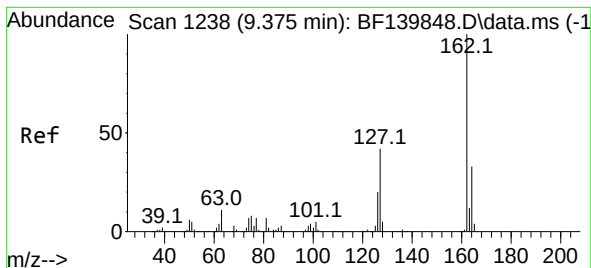
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.492 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

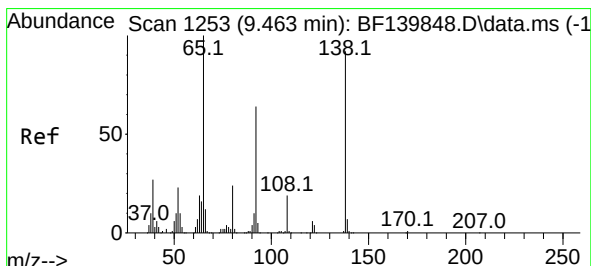
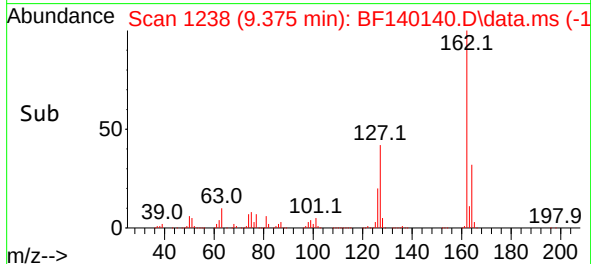
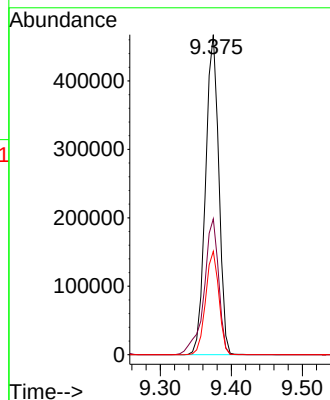
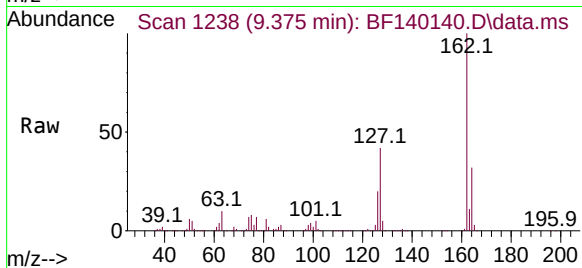
Tgt Ion:162 Resp: 607141

Ion Ratio Lower Upper

162 100

127 42.5 33.8 50.6

164 32.3 26.6 39.8



#48

2-Nitroaniline

Concen: 49.382 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

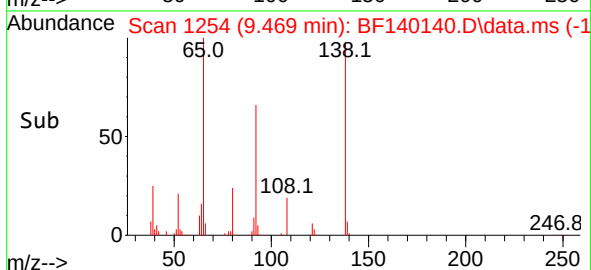
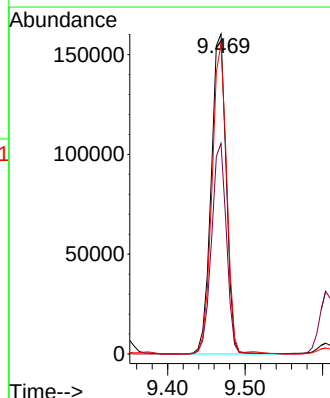
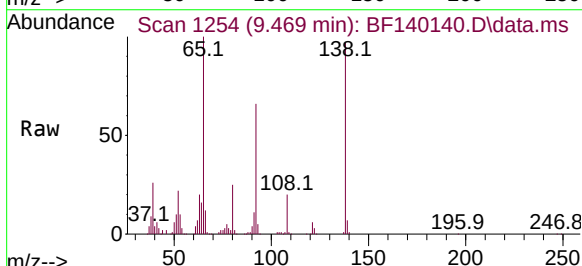
Tgt Ion: 65 Resp: 215798

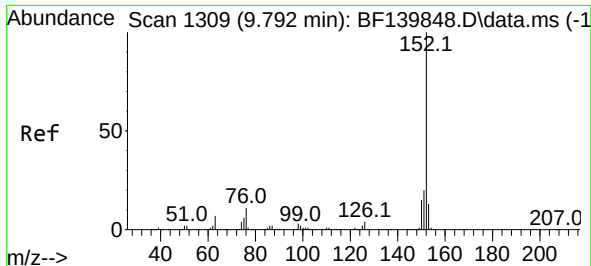
Ion Ratio Lower Upper

65 100

92 65.8 50.9 76.3

138 96.9 73.4 110.0

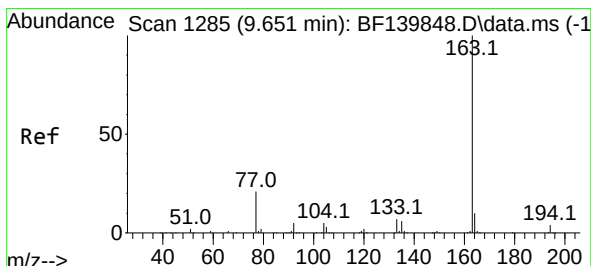
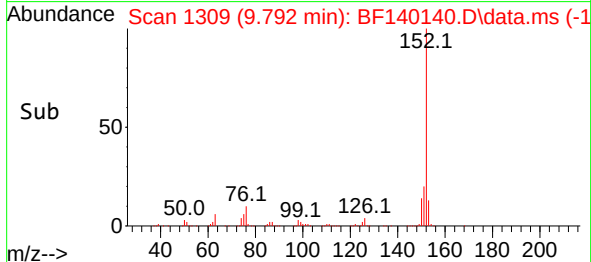
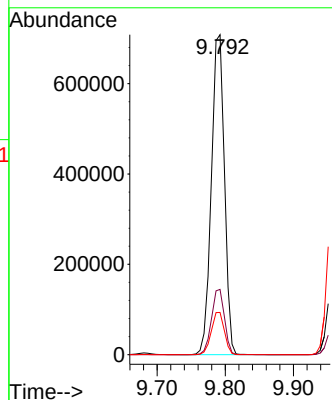
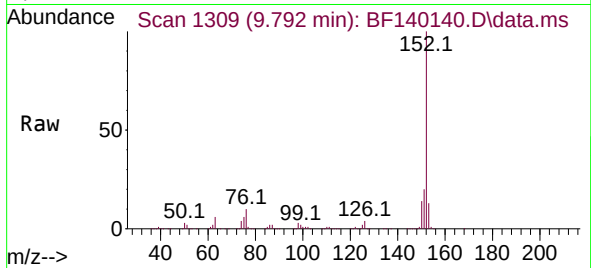




#49  
Acenaphthylene  
Concen: 45.859 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

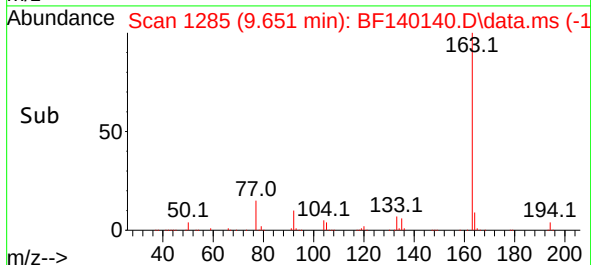
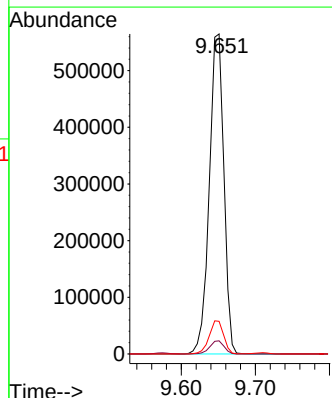
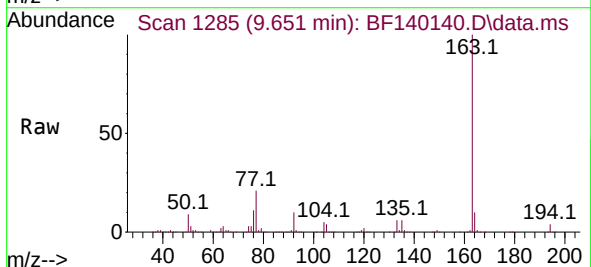
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

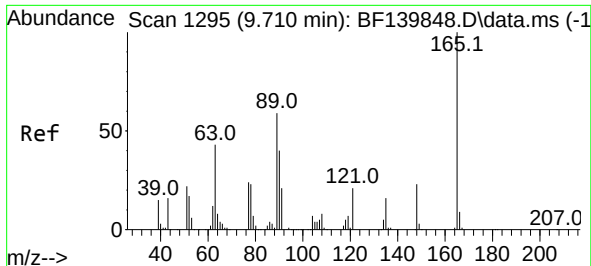
Tgt Ion:152 Resp: 947283  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.9 23.9  
153 13.2 10.7 16.1



#50  
Dimethylphthalate  
Concen: 48.621 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:163 Resp: 771766  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.2 8.2 12.2

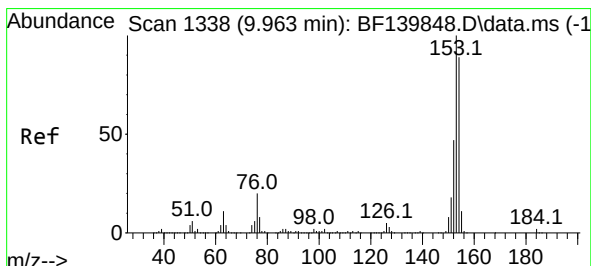
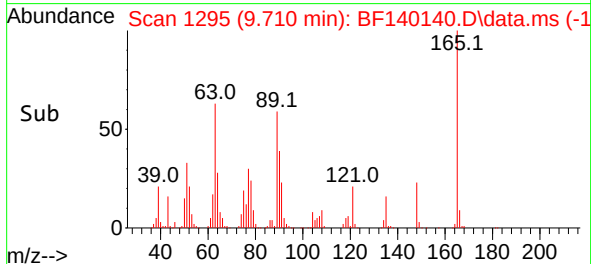
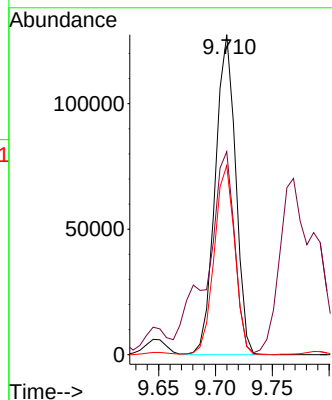
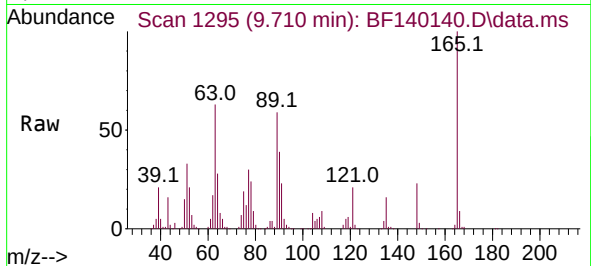




#51  
2,6-Dinitrotoluene  
Concen: 46.333 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

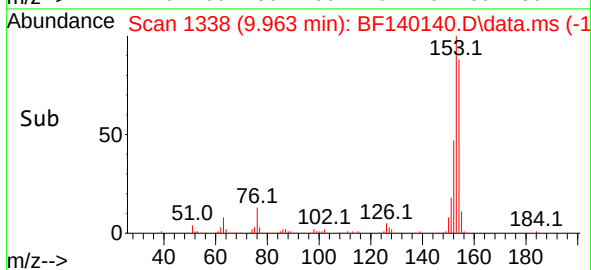
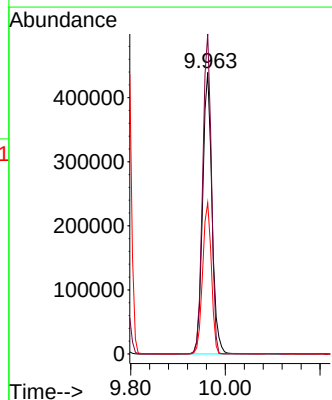
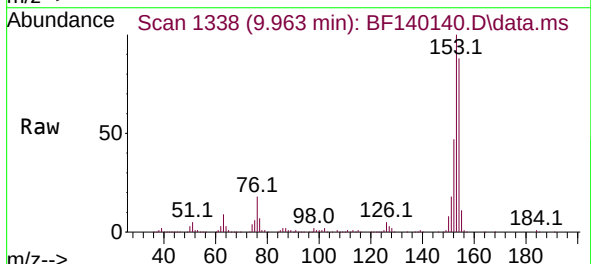
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

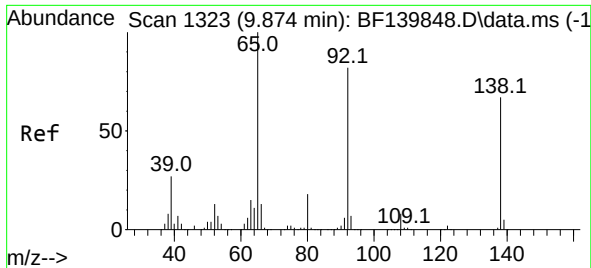
Tgt Ion:165 Resp: 159242  
Ion Ratio Lower Upper  
165 100  
63 63.4 50.6 75.8  
89 59.1 47.5 71.3



#52  
Acenaphthene  
Concen: 44.930 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:154 Resp: 600386  
Ion Ratio Lower Upper  
154 100  
153 113.7 89.8 134.6  
152 53.7 42.4 63.6

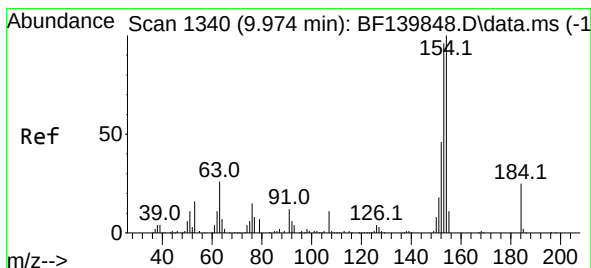
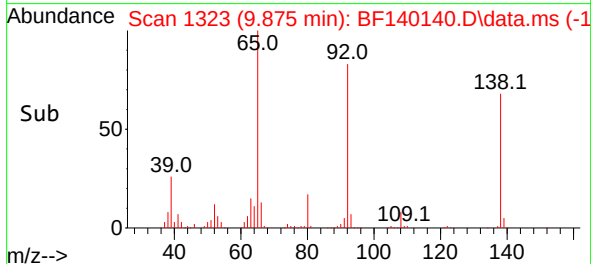
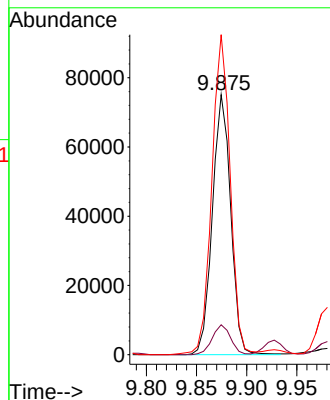
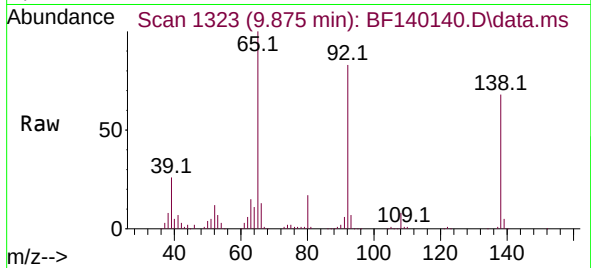




#53  
3-Nitroaniline  
Concen: 26.964 ng  
RT: 9.875 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

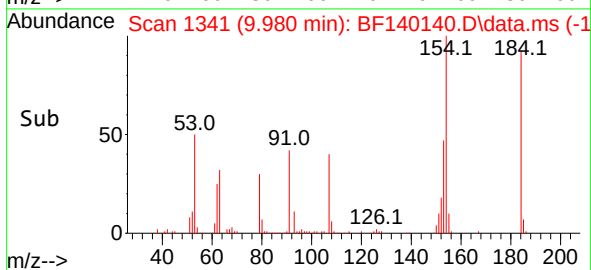
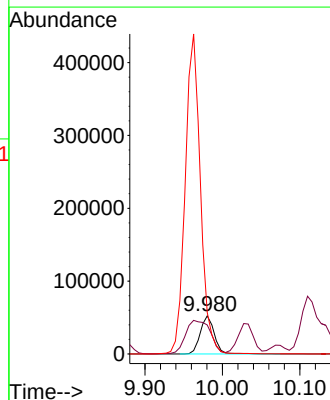
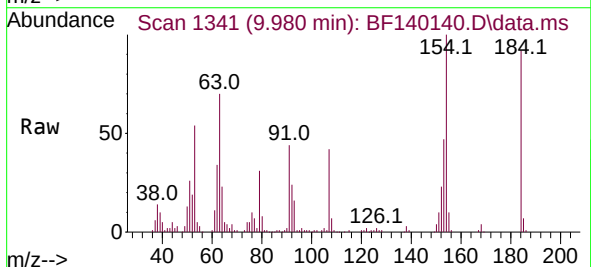
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

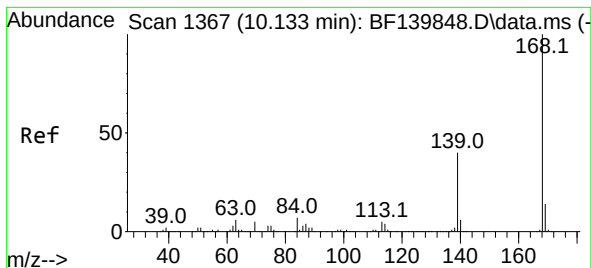
Tgt Ion:138 Resp: 95567  
Ion Ratio Lower Upper  
138 100  
108 11.5 10.2 15.2  
92 123.1 98.3 147.5



#54  
2,4-Dinitrophenol  
Concen: 48.895 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:184 Resp: 65873  
Ion Ratio Lower Upper  
184 100  
63 76.2 84.7 127.1#  
154 108.9 338.2 507.2#





#55

Dibenzenofuran

Concen: 43.753 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

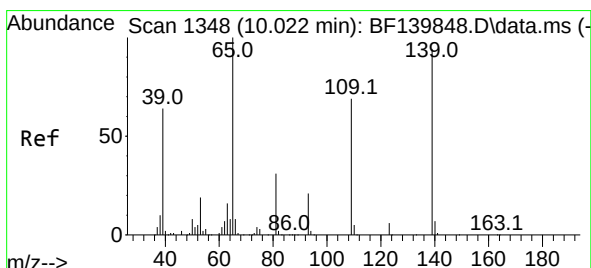
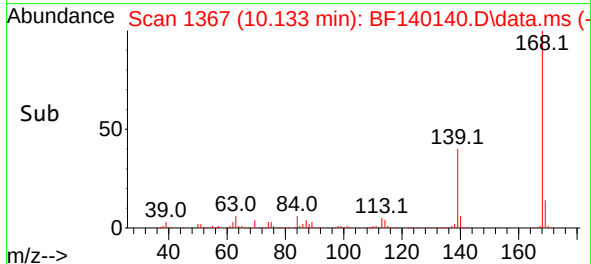
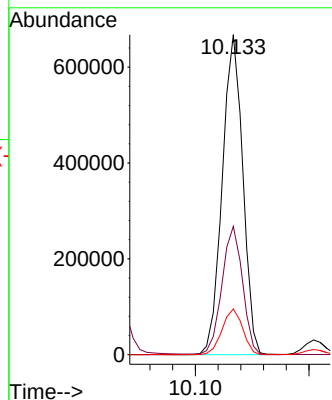
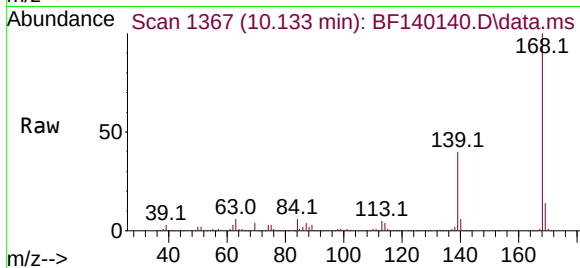
Tgt Ion:168 Resp: 838838

Ion Ratio Lower Upper

168 100

139 40.1 31.8 47.6

169 14.3 11.6 17.4



#56

4-Nitrophenol

Concen: 67.033 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

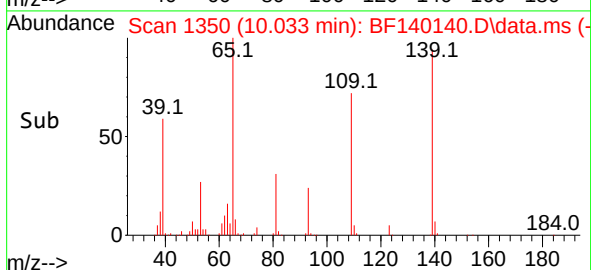
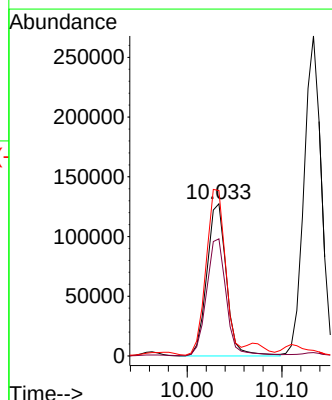
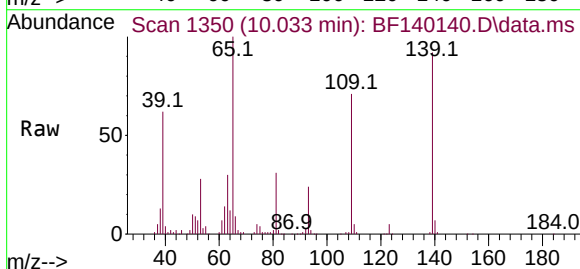
Tgt Ion:139 Resp: 182783

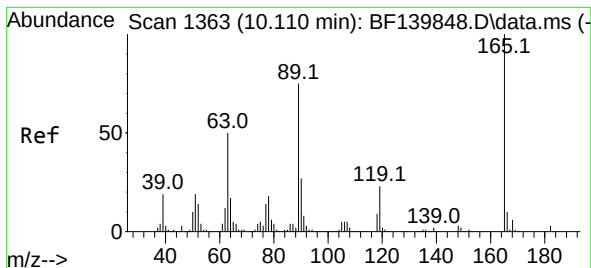
Ion Ratio Lower Upper

139 100

109 76.9 53.6 93.6

65 108.7 87.8 127.8

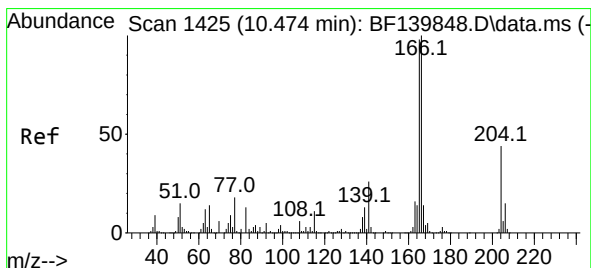
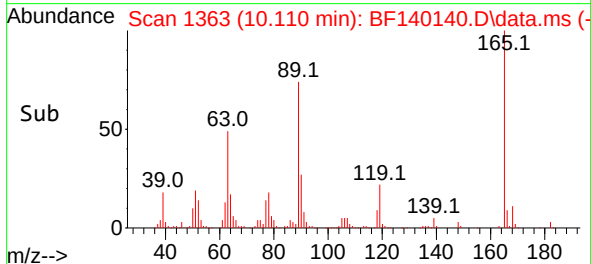
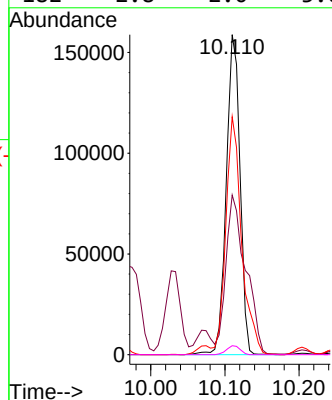
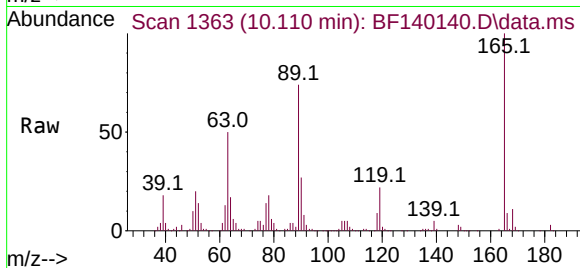




#57  
2,4-Dinitrotoluene  
Concen: 48.496 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

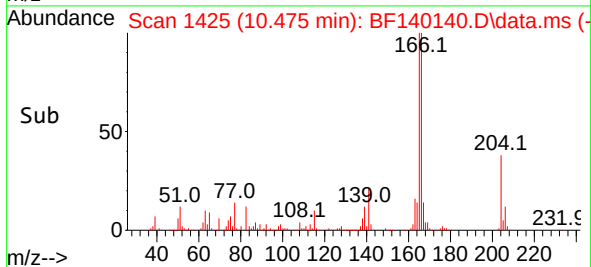
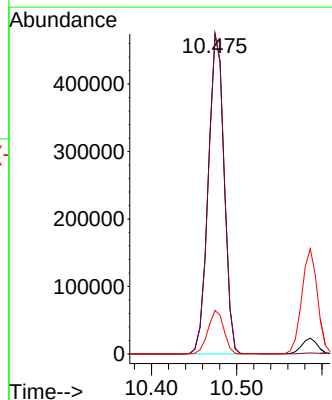
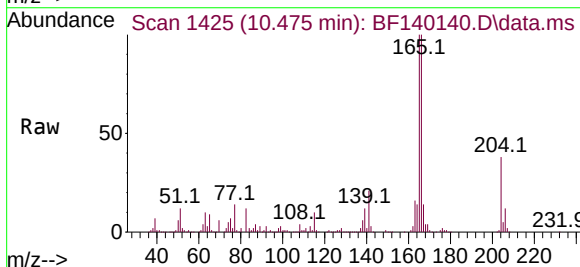
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion:165 Resp: 204963  
Ion Ratio Lower Upper  
165 100  
63 49.9 40.1 60.1  
89 74.4 60.4 90.6  
182 2.8 2.0 3.0

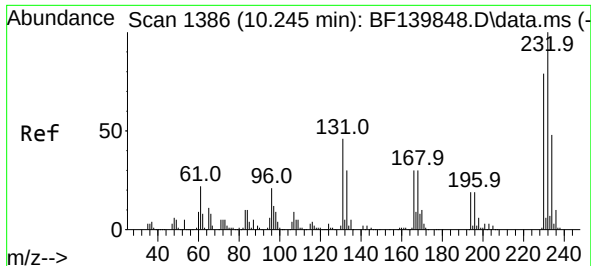


#58  
Fluorene  
Concen: 41.911 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:166 Resp: 612009  
Ion Ratio Lower Upper  
166 100  
165 100.0 78.5 117.7  
167 13.6 10.9 16.3



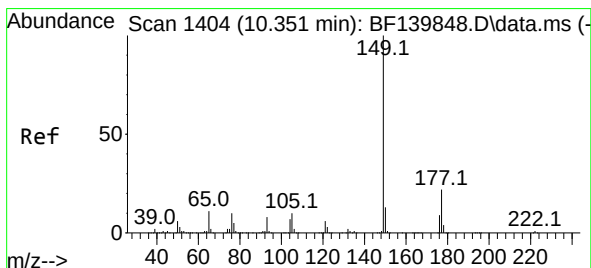
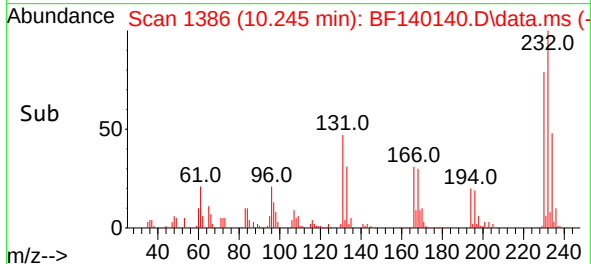
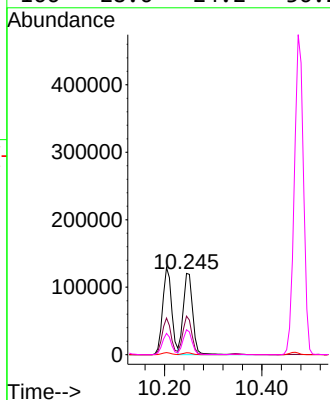
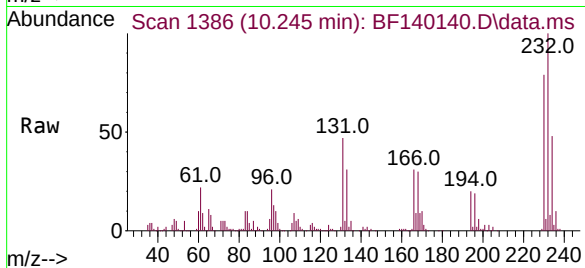




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.256 ng  
RT: 10.245 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

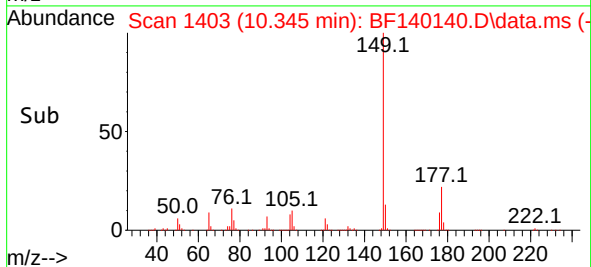
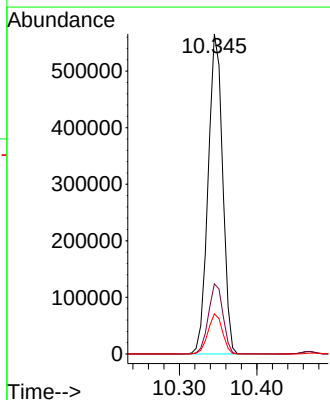
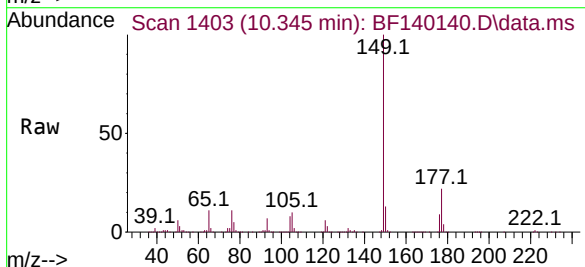
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

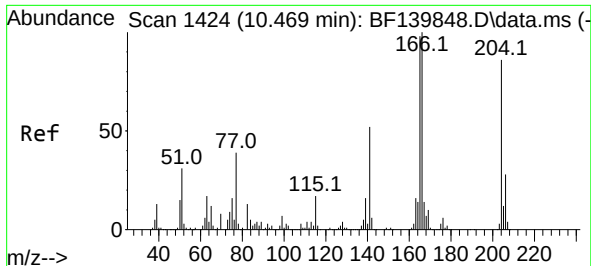
Tgt Ion:232 Resp: 162418  
Ion Ratio Lower Upper  
232 100  
131 45.0 37.0 55.6  
130 2.3 1.9 2.9  
166 28.6 24.2 36.2



#60  
Diethylphthalate  
Concen: 47.180 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:149 Resp: 735308  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.9 26.9  
150 12.5 10.1 15.1

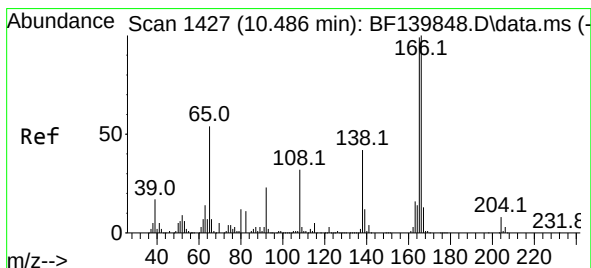
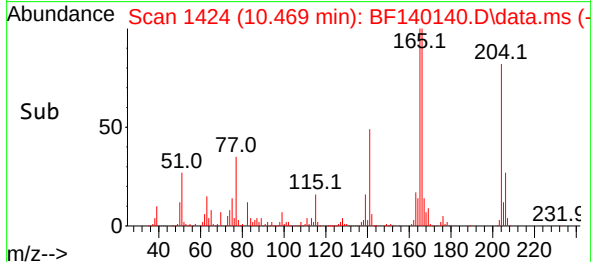
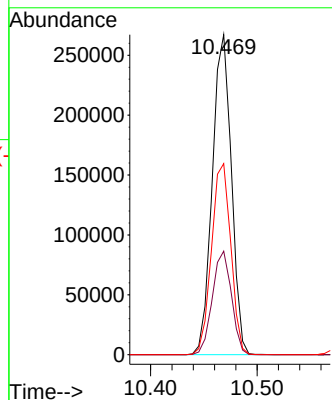
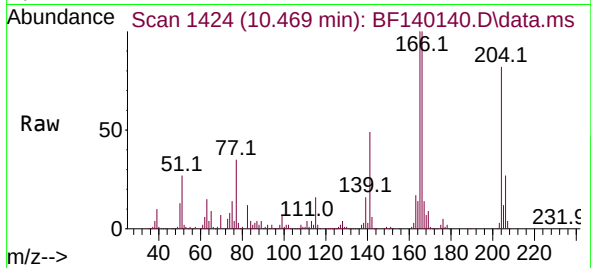




#61  
4-Chlorophenyl-phenylether  
Concen: 44.929 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

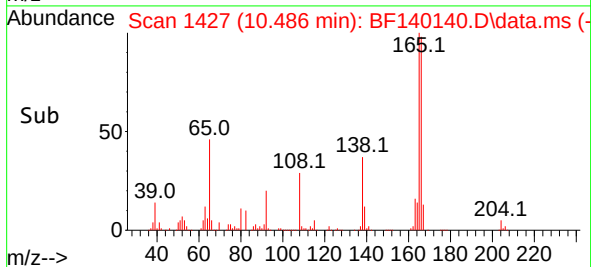
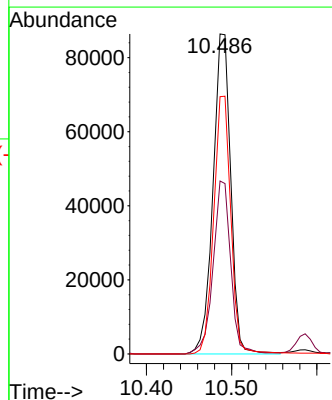
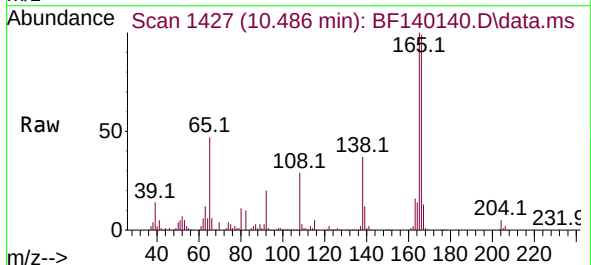
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

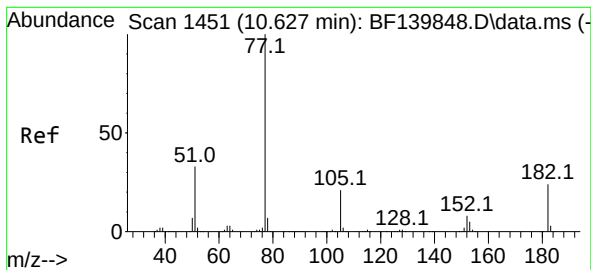
Tgt Ion:204 Resp: 331321  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.3 39.5  
141 59.7 48.6 73.0



#62  
4-Nitroaniline  
Concen: 37.453 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:138 Resp: 125371  
Ion Ratio Lower Upper  
138 100  
92 54.0 35.7 75.7  
108 80.4 57.5 97.5





#63

Azobenzene

Concen: 42.912 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 709028

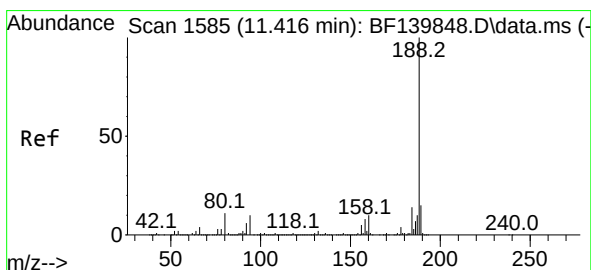
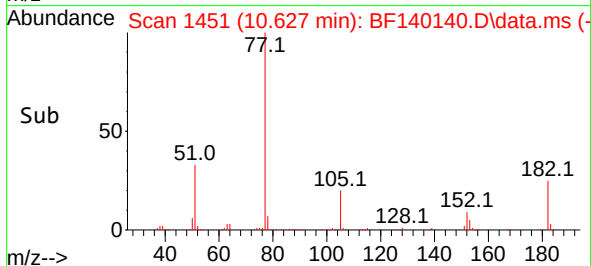
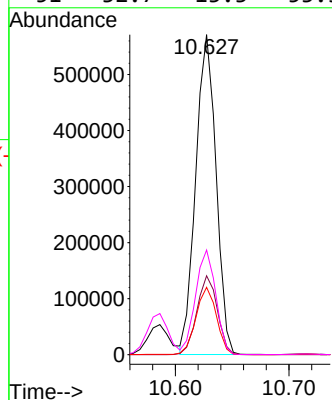
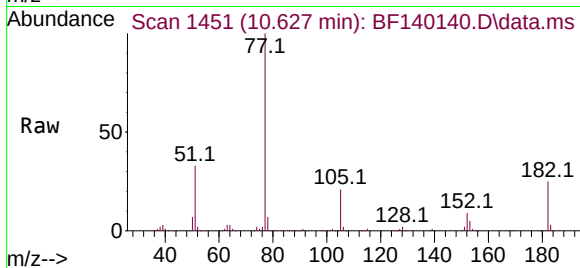
Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 21.1 1.2 41.2

51 32.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

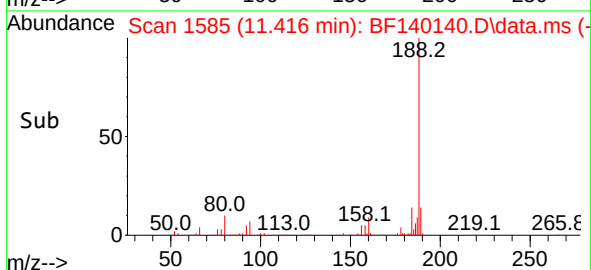
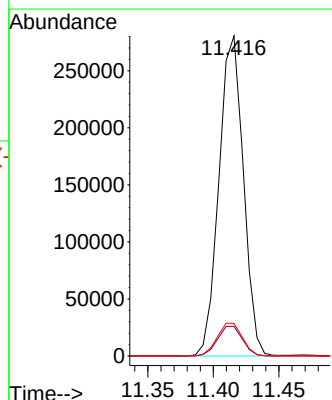
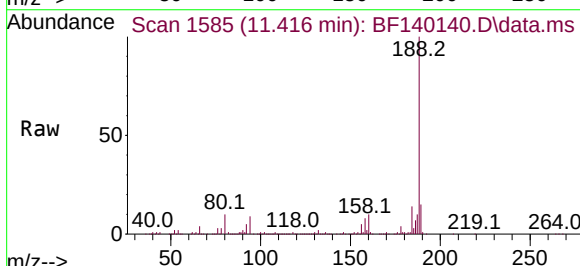
Tgt Ion:188 Resp: 363078

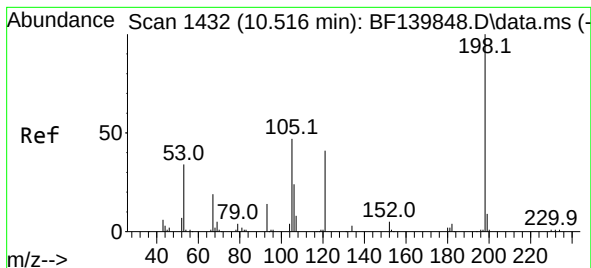
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.2 9.0 13.4

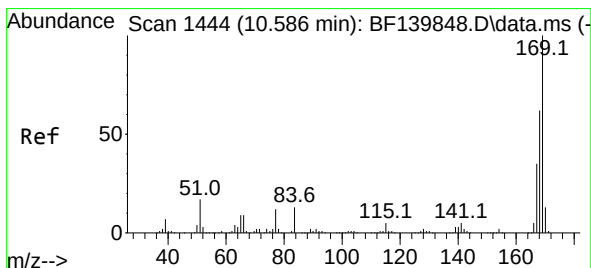
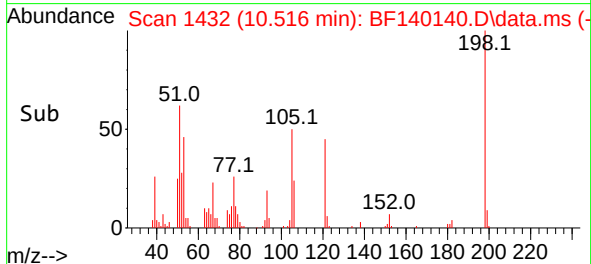
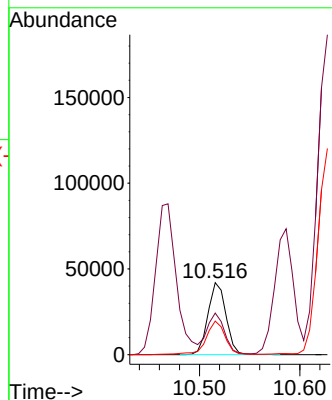
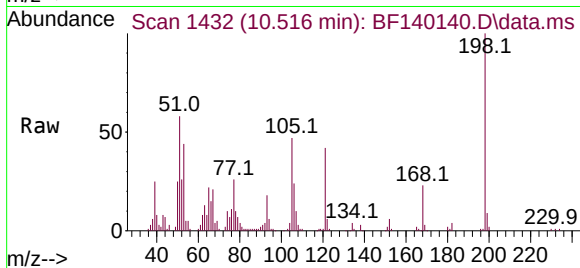




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.379 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

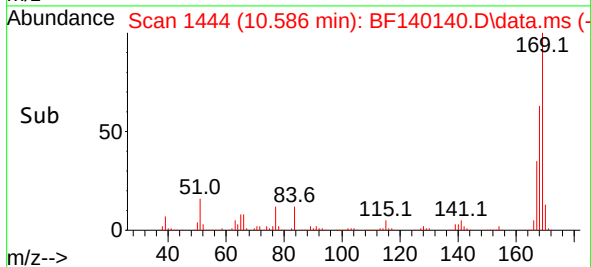
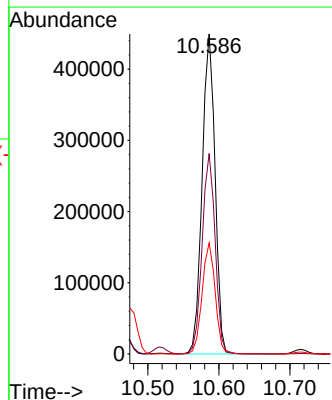
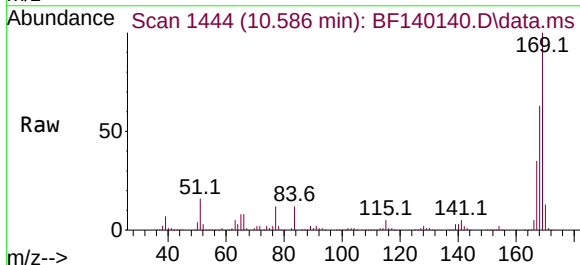
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

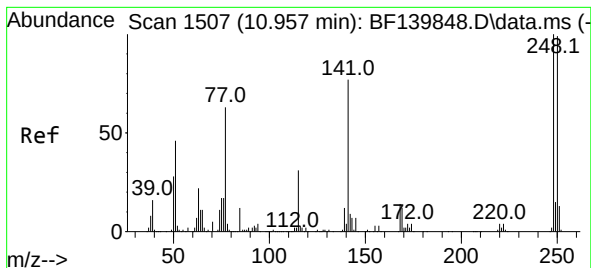
Tgt Ion:198 Resp: 52396  
Ion Ratio Lower Upper  
198 100  
51 57.9 38.2 78.2  
105 46.7 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 52.412 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:169 Resp: 569552  
Ion Ratio Lower Upper  
169 100  
168 62.7 49.8 74.6  
167 34.7 28.0 42.0

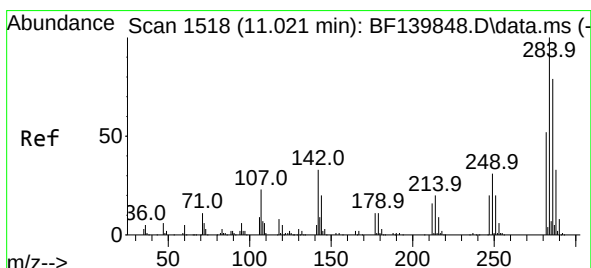
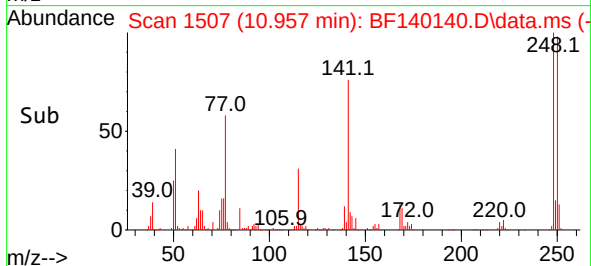
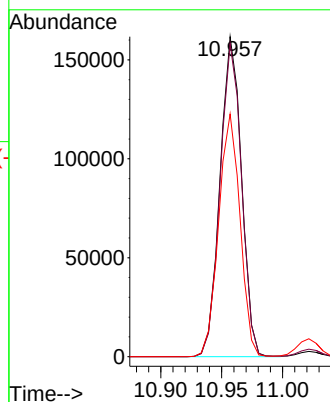
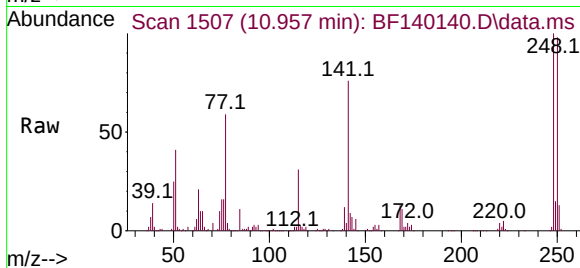




#67  
4-Bromophenyl-phenylether  
Concen: 53.061 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

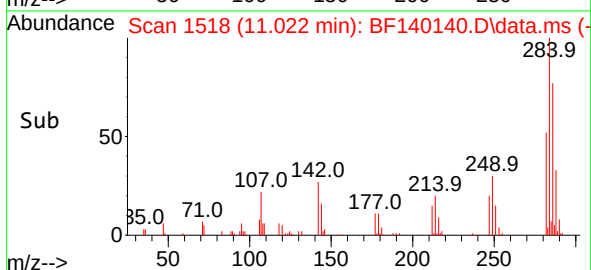
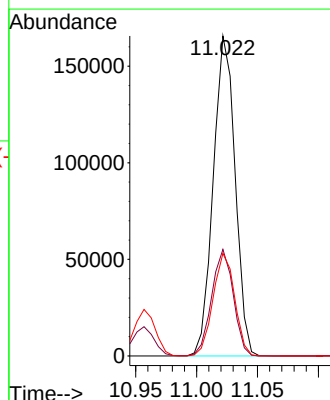
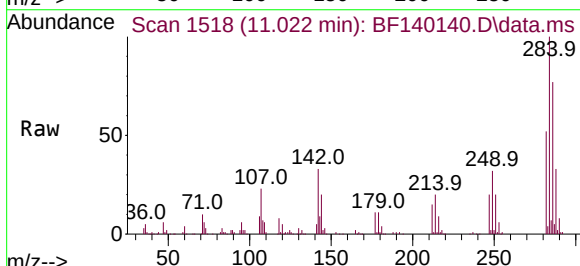
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

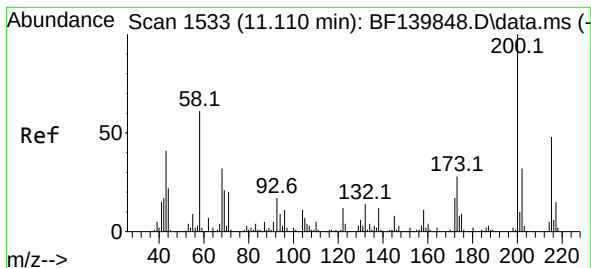
Tgt Ion:248 Resp: 198468  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.0 118.6  
141 75.8 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 49.051 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:284 Resp: 206343  
Ion Ratio Lower Upper  
284 100  
142 33.3 26.9 40.3  
249 32.0 25.3 37.9





#69

Atrazine

Concen: 49.393 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

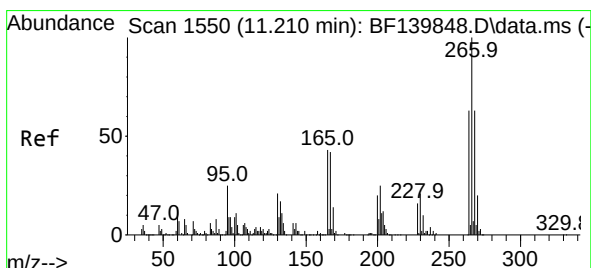
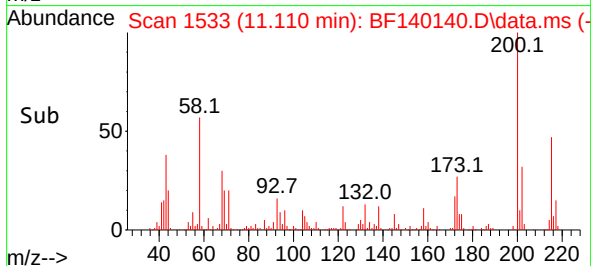
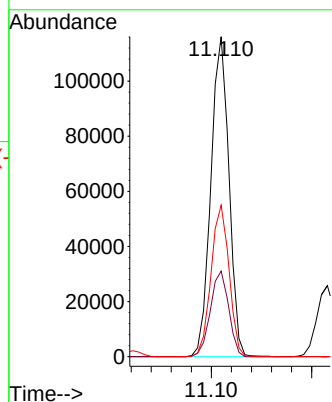
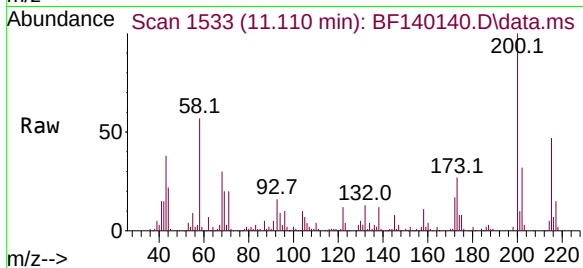
Tgt Ion:200 Resp: 145397

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 47.4 27.7 67.7



#70

Pentachlorophenol

Concen: 73.311 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

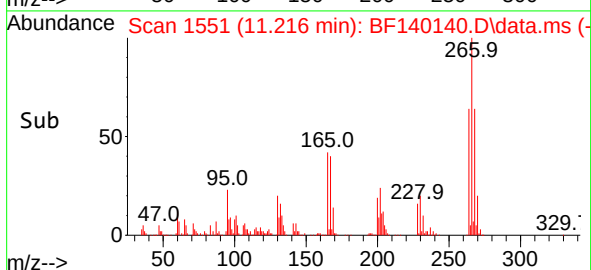
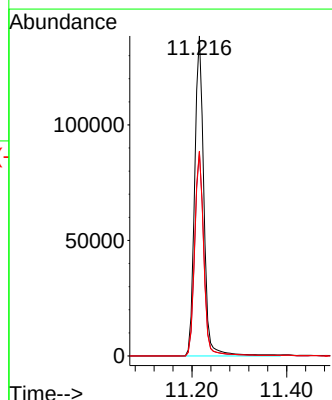
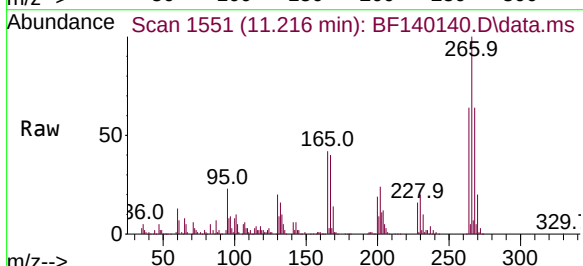
Tgt Ion:266 Resp: 187167

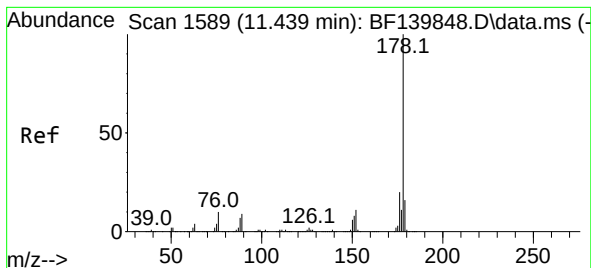
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 64.0 50.6 75.8





#71

Phenanthrene

Concen: 46.796 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

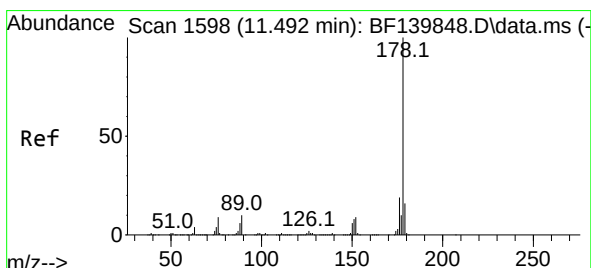
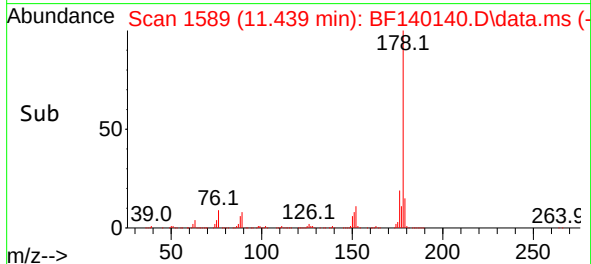
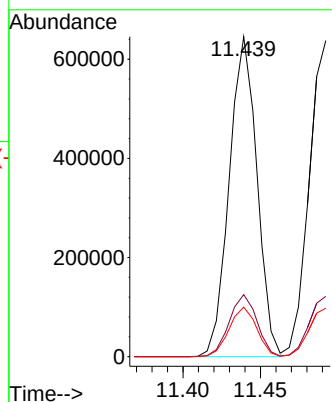
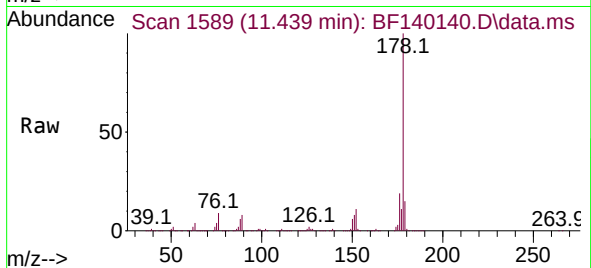
Tgt Ion:178 Resp: 802558

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 48.351 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

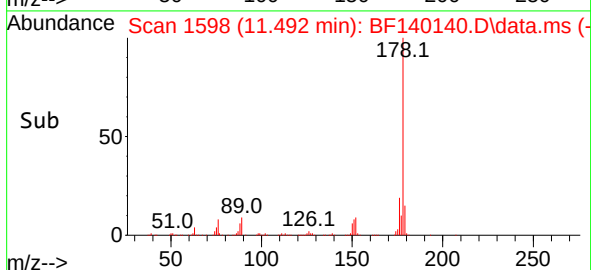
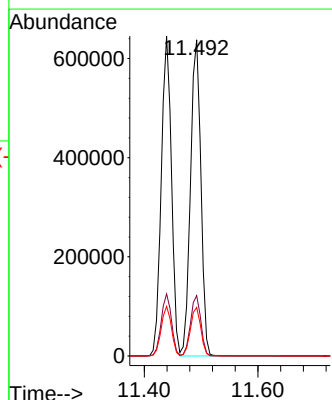
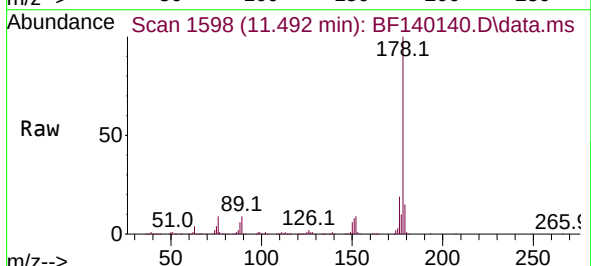
Tgt Ion:178 Resp: 809069

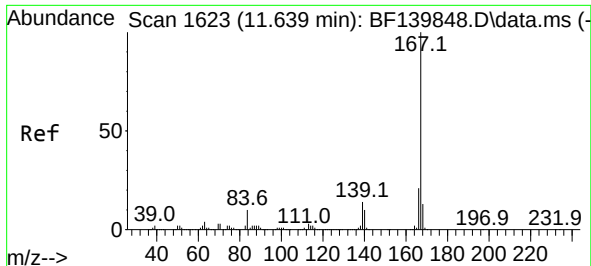
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.4 18.6

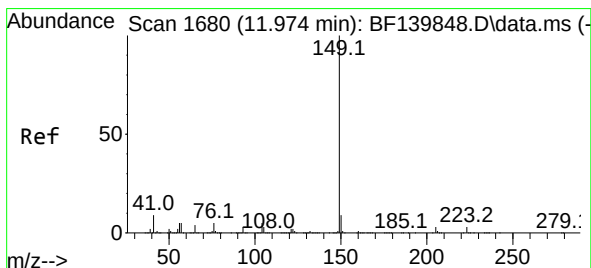
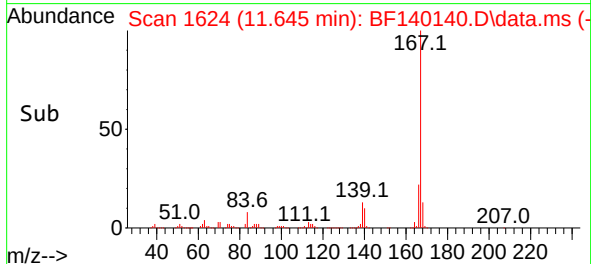
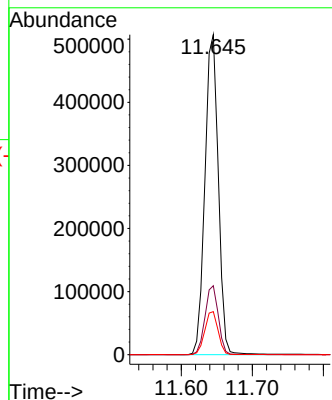
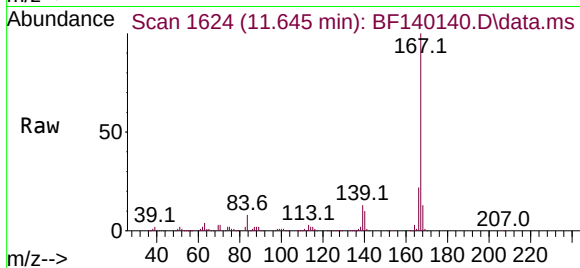




#73  
Carbazole  
Concen: 42.838 ng  
RT: 11.645 min Scan# 1624  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

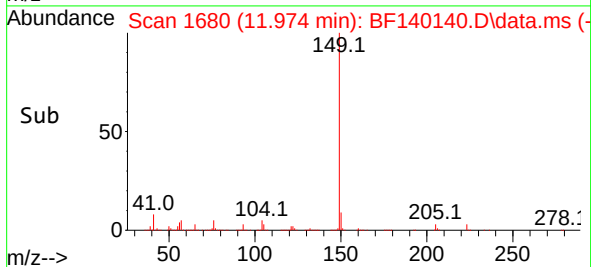
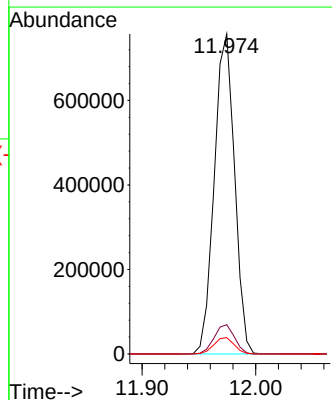
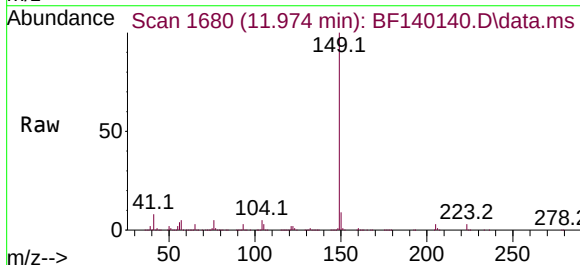
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion:167 Resp: 666663  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.0 25.6  
139 13.4 10.8 16.2

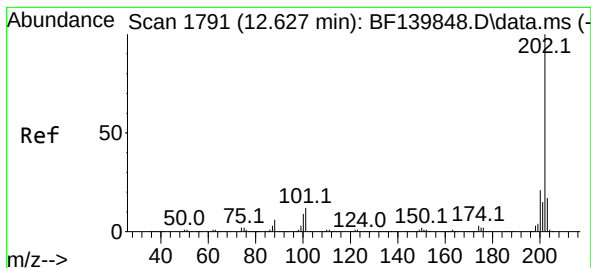


#74  
Di-n-butylphthalate  
Concen: 52.273 ng  
RT: 11.974 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:149 Resp: 939848  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 5.1 4.1 6.1







#75

Fluoranthene

Concen: 43.711 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

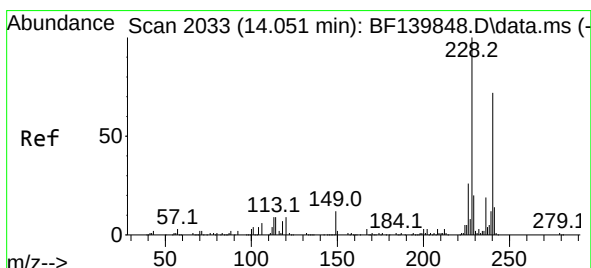
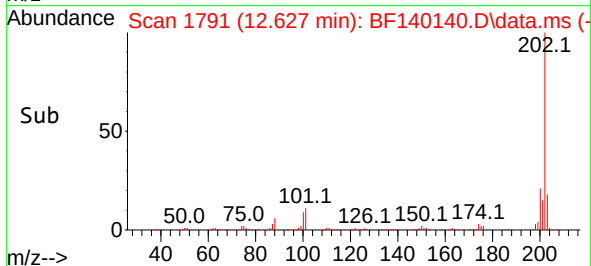
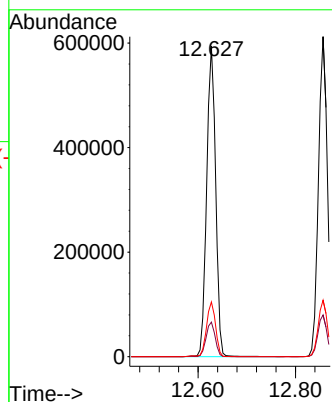
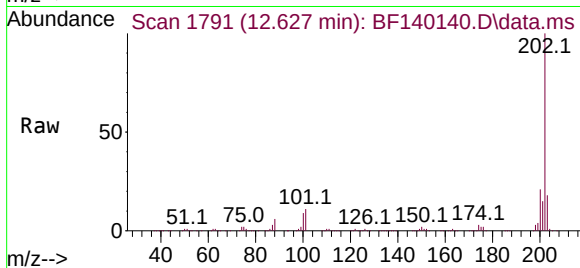
Tgt Ion:202 Resp: 757838

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.9

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

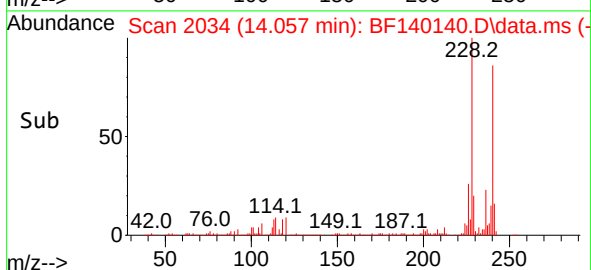
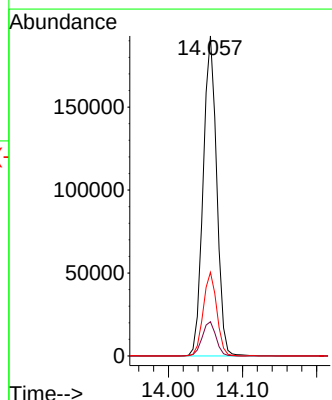
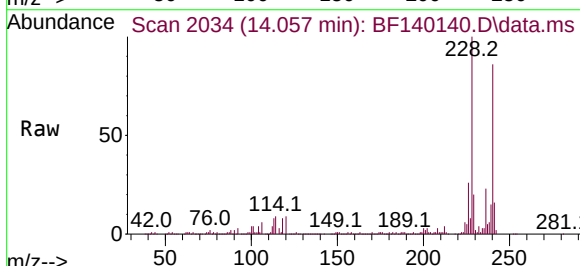
Tgt Ion:240 Resp: 244508

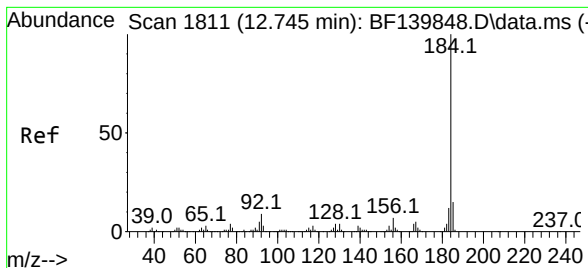
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.2 20.9 31.3





#77

Benzidine

Concen: 5.668 ng

RT: 12.751 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

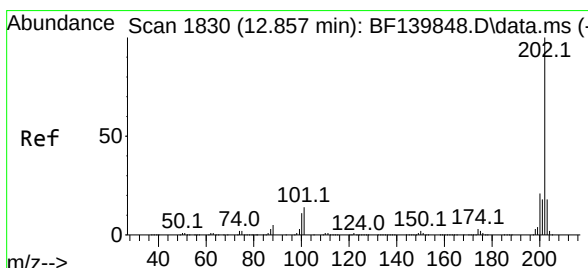
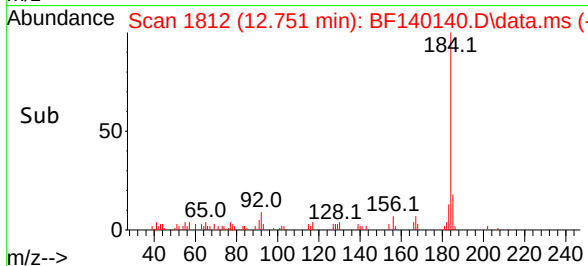
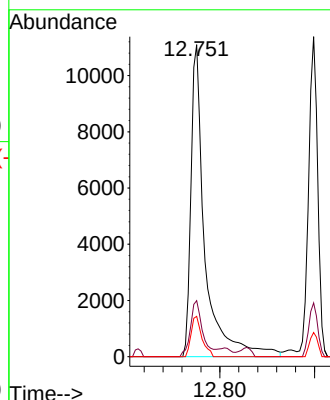
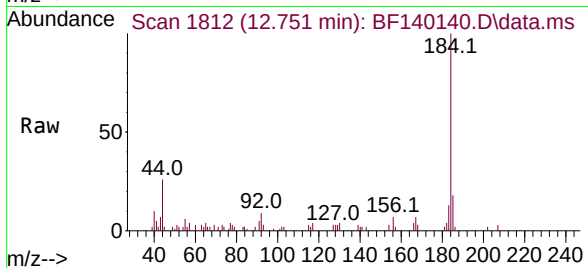
Tgt Ion:184 Resp: 22787

Ion Ratio Lower Upper

184 100

185 18.0 12.0 18.0

183 12.9 9.4 14.2



#78

Pyrene

Concen: 36.376 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

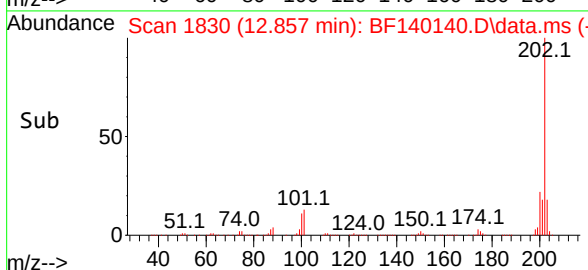
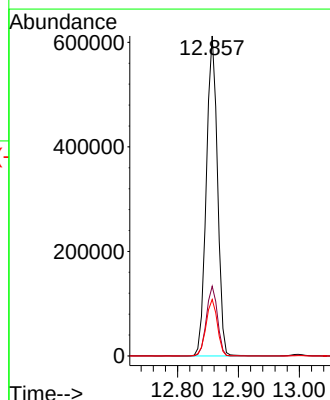
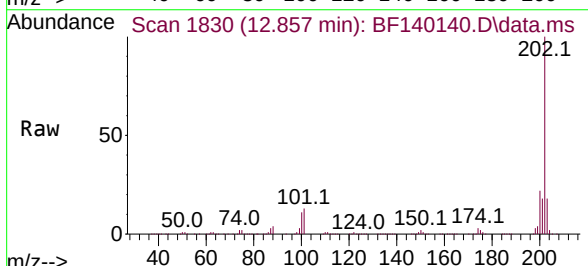
Tgt Ion:202 Resp: 778531

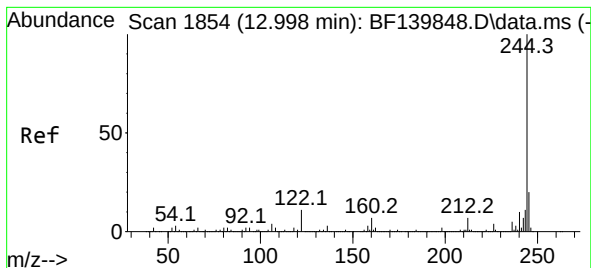
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.450 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

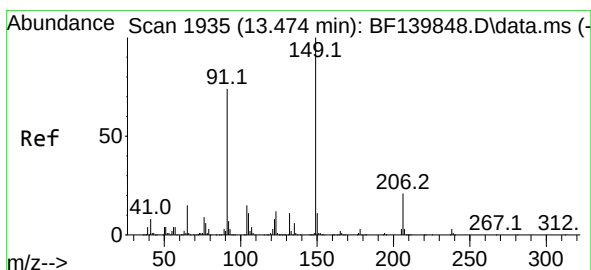
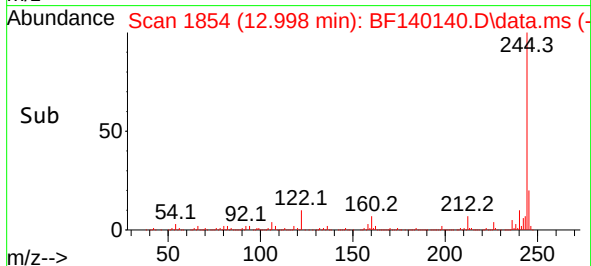
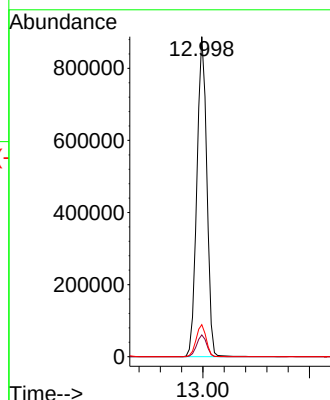
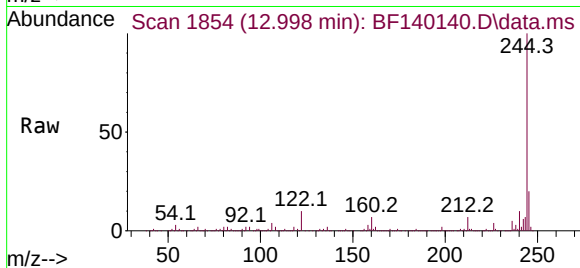
Tgt Ion:244 Resp: 1147158

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 8.6 13.0



#80

Butylbenzylphthalate

Concen: 51.989 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

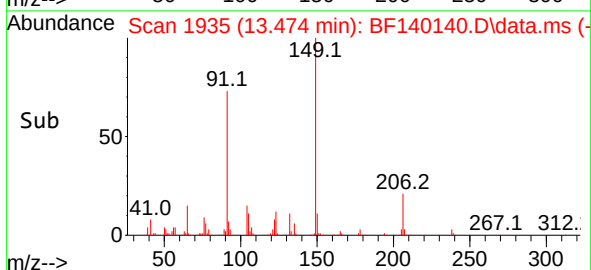
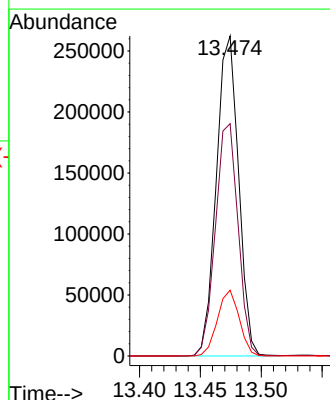
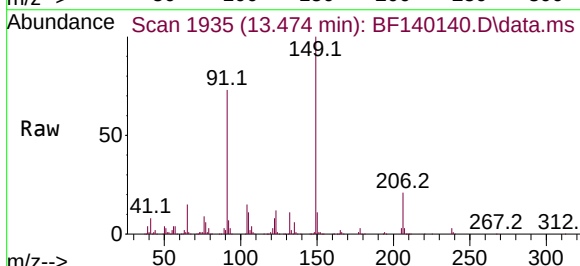
Tgt Ion:149 Resp: 333588

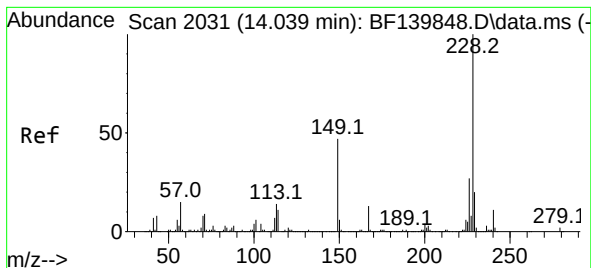
Ion Ratio Lower Upper

149 100

91 72.6 59.4 89.2

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.378 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

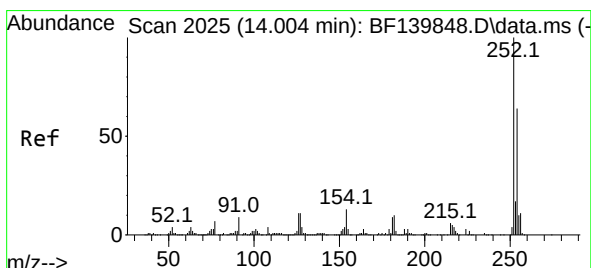
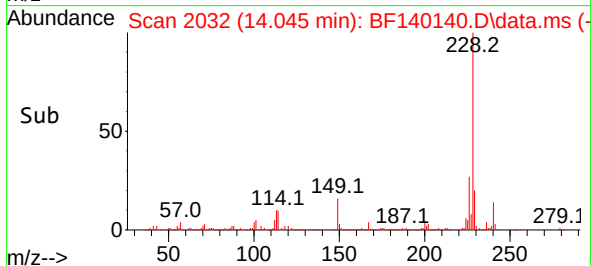
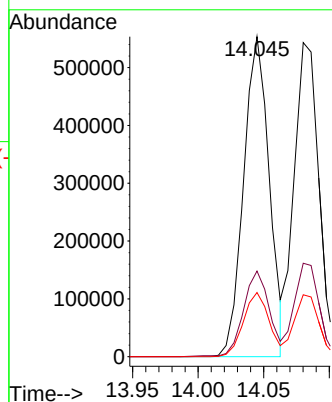
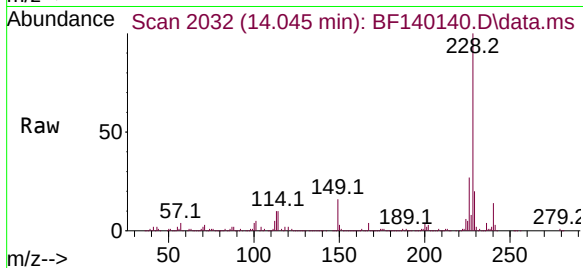
Tgt Ion:228 Resp: 754093

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 26.910 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

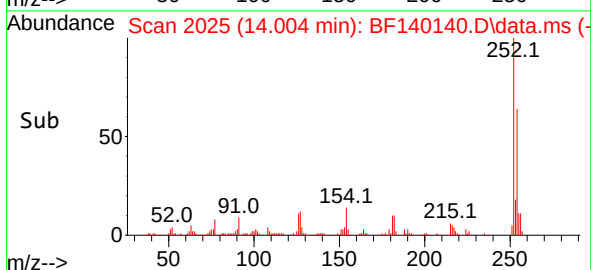
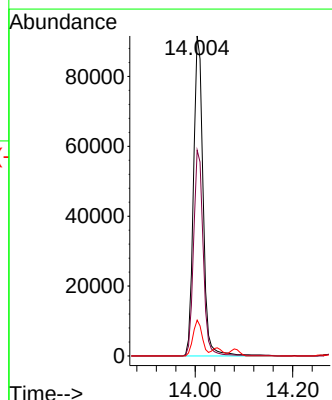
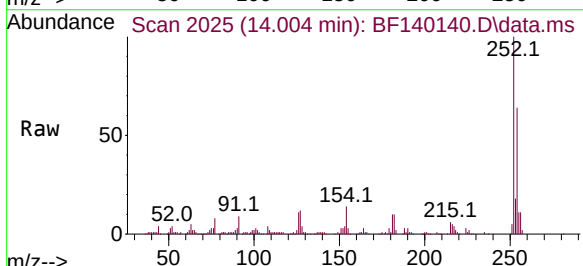
Tgt Ion:252 Resp: 124885

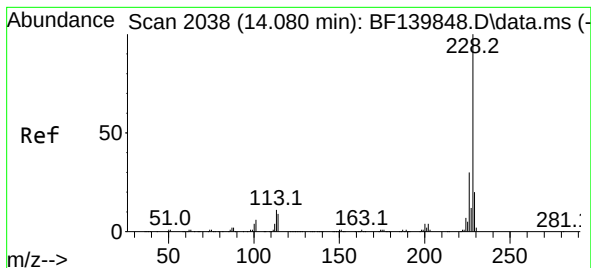
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 11.2 8.9 13.3





#83

Chrysene

Concen: 48.723 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

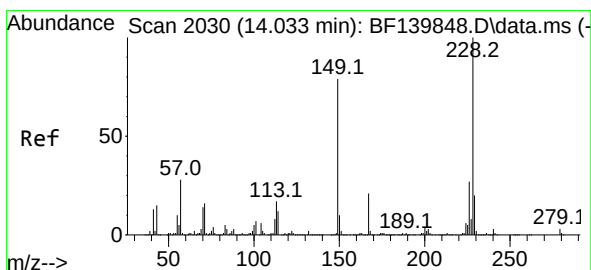
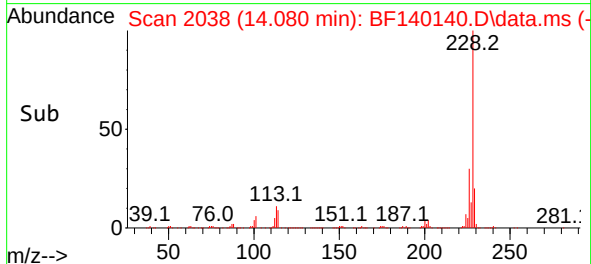
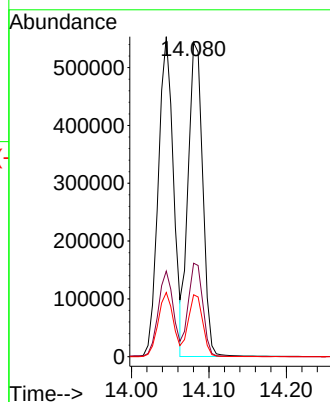
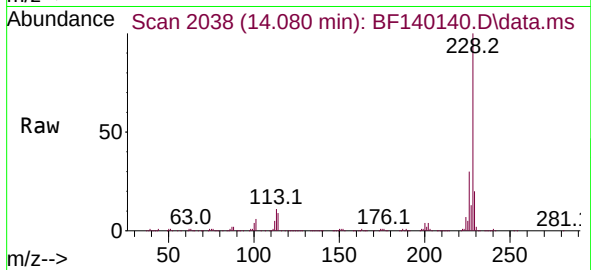
Tgt Ion:228 Resp: 711043

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.542 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

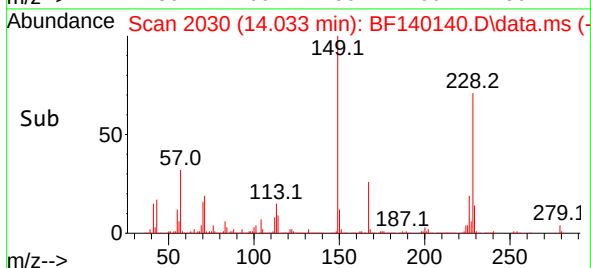
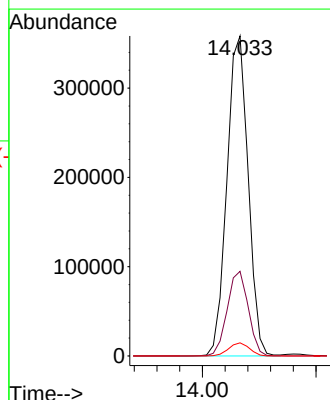
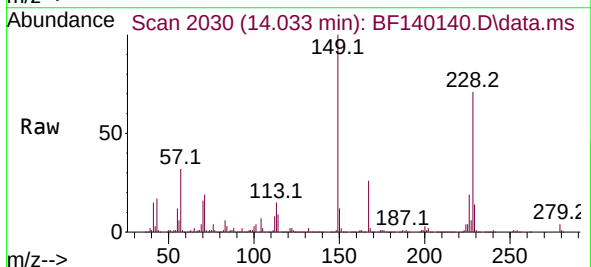
Tgt Ion:149 Resp: 464640

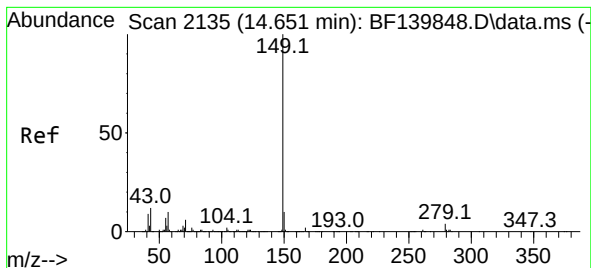
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 64.411 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

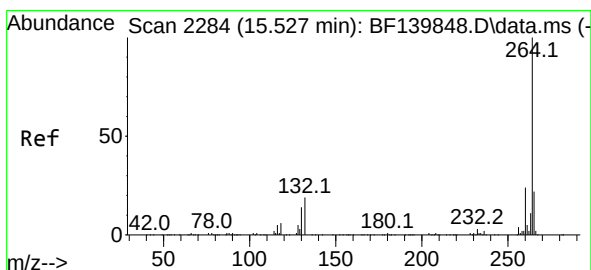
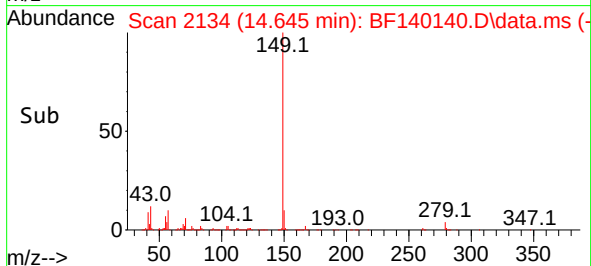
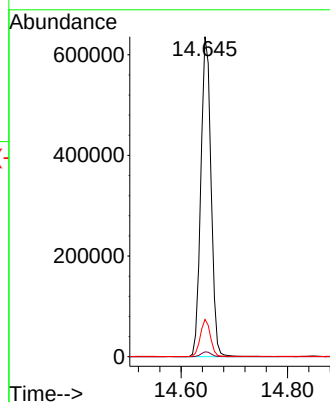
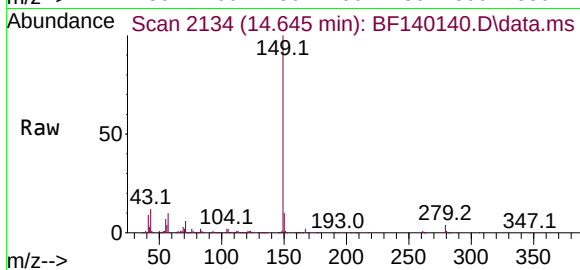
Tgt Ion:149 Resp: 843408

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.012 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

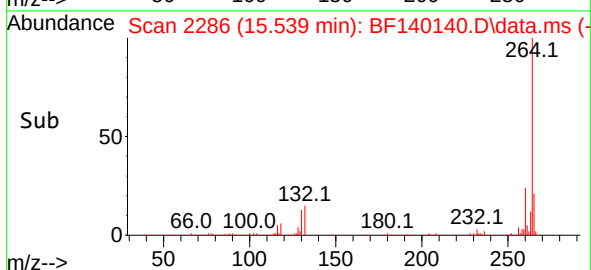
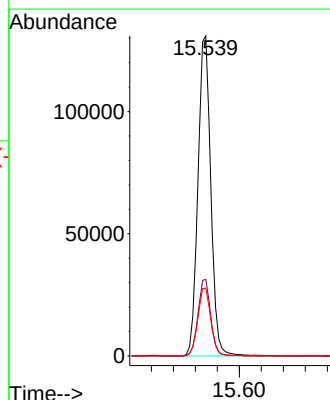
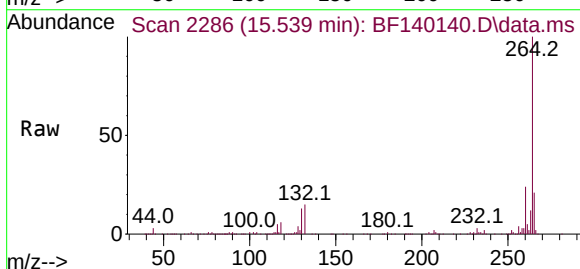
Tgt Ion:264 Resp: 212975

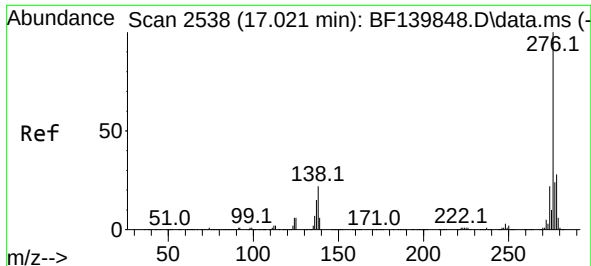
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.2 17.4 26.0

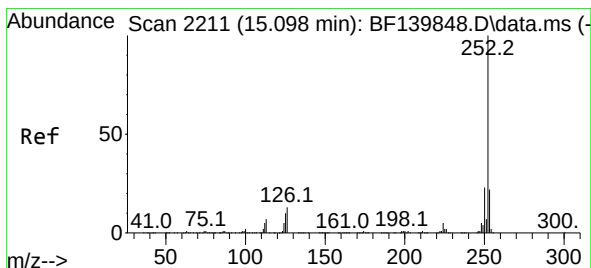
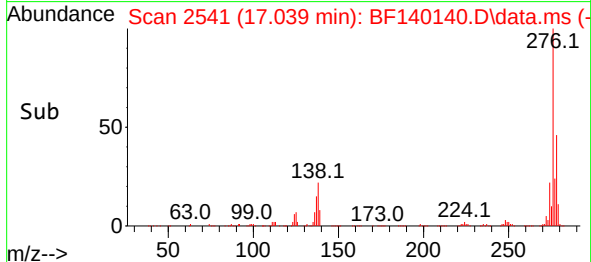
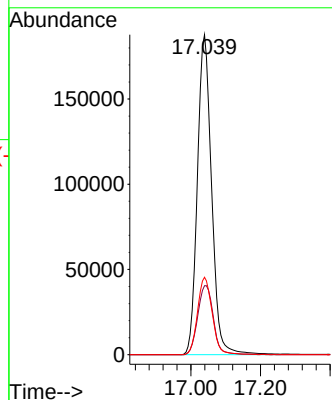
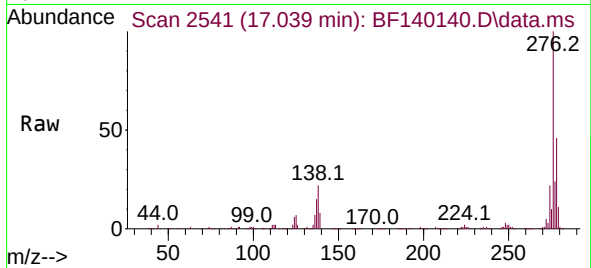




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.929 ng  
RT: 17.039 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

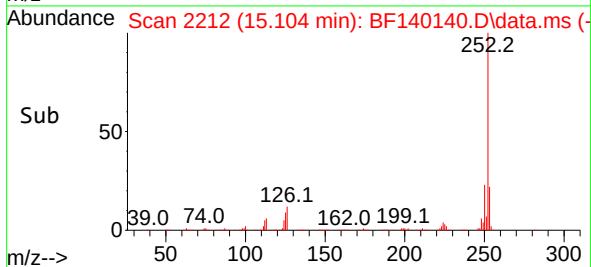
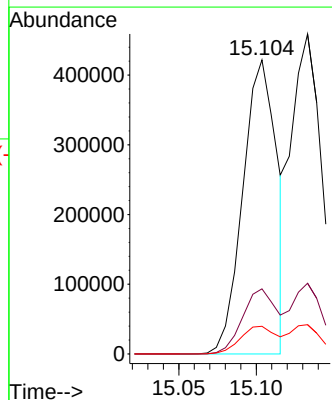
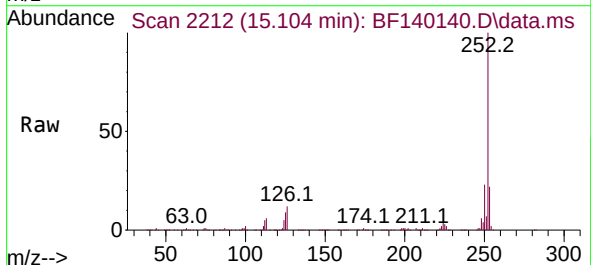
Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

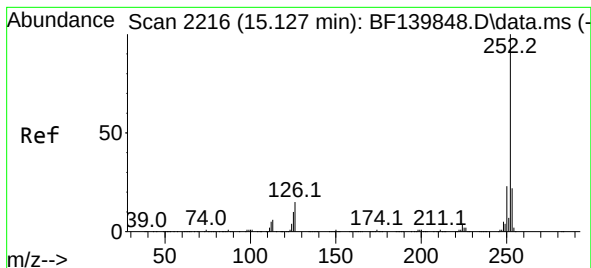
Tgt Ion:276 Resp: 533381  
Ion Ratio Lower Upper  
276 100  
138 23.7 20.4 30.6  
277 25.0 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 49.522 ng  
RT: 15.104 min Scan# 2212  
Delta R.T. 0.006 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:252 Resp: 642470  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 56.492 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

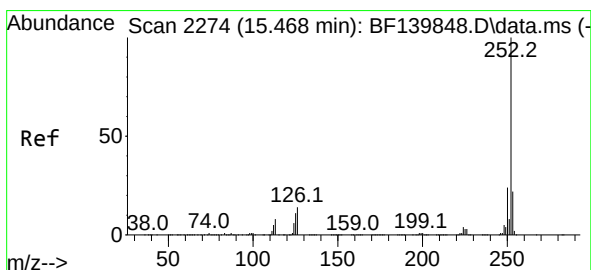
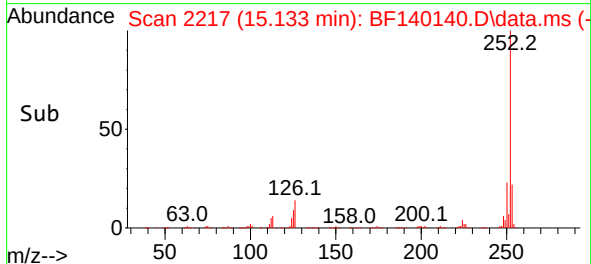
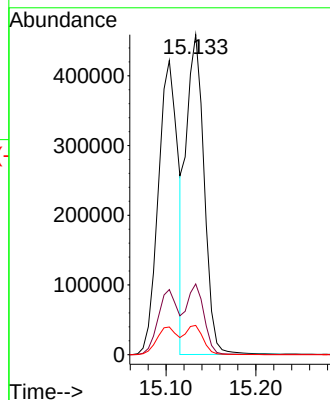
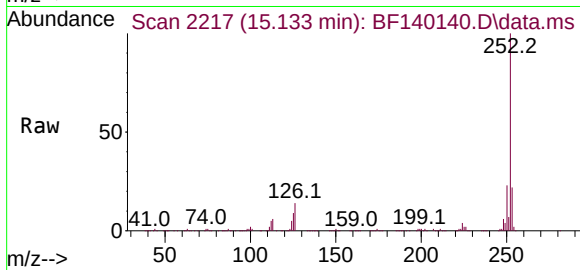
Tgt Ion:252 Resp: 632065

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.2 7.9 11.9



#90

Benzo(a)pyrene

Concen: 52.048 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

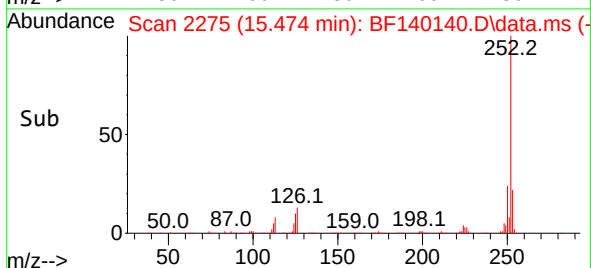
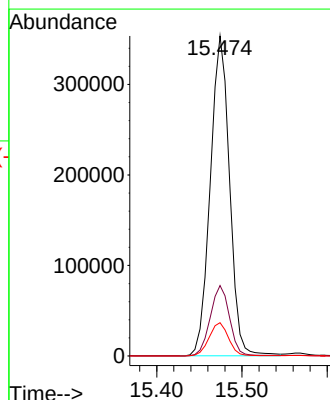
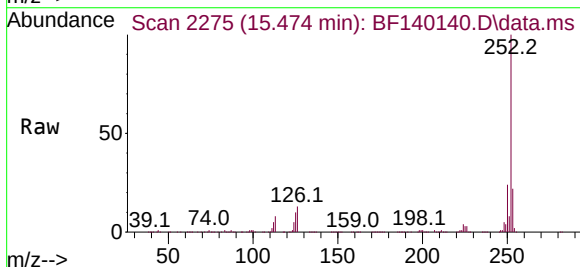
Tgt Ion:252 Resp: 555616

Ion Ratio Lower Upper

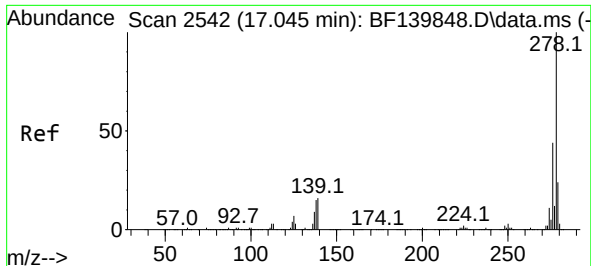
252 100

253 22.0 17.3 25.9

125 10.4 8.7 13.1



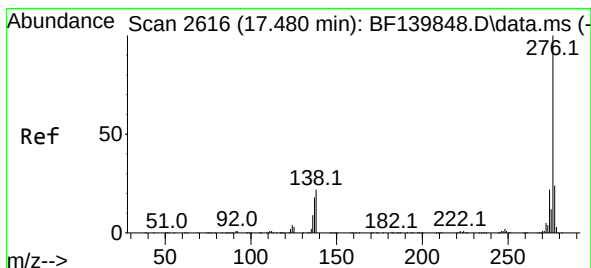
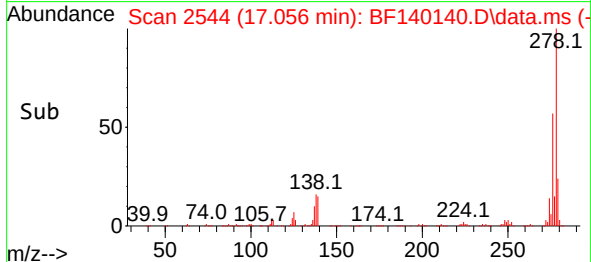
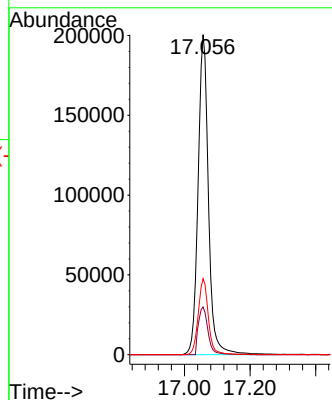
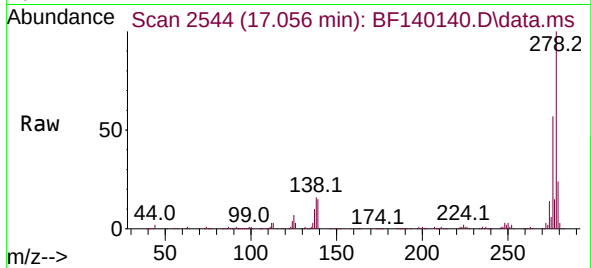




#91  
Dibenzo(a,h)anthracene  
Concen: 38.678 ng  
RT: 17.056 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

Tgt Ion:278 Resp: 442087  
Ion Ratio Lower Upper  
278 100  
139 14.9 13.1 19.7  
279 23.7 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 34.053 ng  
RT: 17.492 min Scan# 2618  
Delta R.T. 0.012 min  
Lab File: BF140140.D  
Acq: 30 Oct 2024 04:40

Tgt Ion:276 Resp: 388777  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 19.8 17.4 26.0

