

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136361.D  
 Acq On : 02 Dec 2023 05:10  
 Operator : CG\JU  
 Sample : 05388-01MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MS

Quant Time: Dec 02 05:55:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 122227   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.087  | 136  | 453720   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 173967   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 269823   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 242813   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 213921   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 814787   | 92.783 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 956593   | 87.119 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 583764   | 67.989 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 175740   | 82.628 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 989334   | 72.639 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 933149   | 44.329 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.657  | 88   | 126595   | 38.100 | ng    | 96       |
| 3) Pyridine                   | 3.416  | 79   | 303258   | 36.973 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 151027   | 36.426 | ng    | 90       |
| 6) Aniline                    | 6.475  | 93   | 295329   | 28.456 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.593  | 128  | 380060   | 39.748 | ng    | 95       |
| 9) Benzaldehyde               | 6.357  | 77   | 46480    | 7.595  | ng    | 96       |
| 10) Phenol                    | 6.463  | 94   | 447406   | 37.980 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 352788   | 40.823 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 414511   | 38.200 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 428653   | 38.859 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 390296   | 37.373 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.951  | 79   | 283805   | 36.865 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087  | 45   | 459782   | 38.303 | ng    | 96       |
| 17) 2-Methylphenol            | 7.063  | 107  | 277737   | 36.947 | ng    | 97       |
| 18) Hexachloroethane          | 7.316  | 117  | 147099   | 38.017 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 246411   | 37.522 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 341146   | 34.919 | ng    | 96       |
| 22) Acetophenone              | 7.216  | 105  | 515563   | 43.266 | ng    | # 93     |
| 24) Nitrobenzene              | 7.387  | 77   | 357832   | 41.125 | ng    | 97       |
| 25) Isophorone                | 7.628  | 82   | 643578   | 41.569 | ng    | 96       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 177053   | 47.758 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 229502   | 47.033 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 409825   | 43.763 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.945  | 162  | 268524   | 40.798 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 327189   | 40.603 | ng    | 98       |
| 31) Naphthalene               | 8.110  | 128  | 1024063  | 40.155 | ng    | 98       |
| 32) Benzoic acid              | 7.845  | 122  | 126858   | 28.526 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 156741   | 18.081 | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 191677   | 40.658 | ng    | 99       |
| 35) Caprolactam               | 8.522  | 113  | 55017    | 29.902 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 247241   | 34.636 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 587830   | 36.745 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 558074   | 35.760 | ng    | 91       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 277290   | 50.084 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.951  | 237  | 140631   | 66.013 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 153025   | 42.583 | ng    | 92       |

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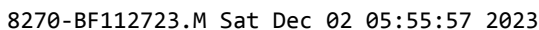
Instrument :  
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 ClientSampleId :  
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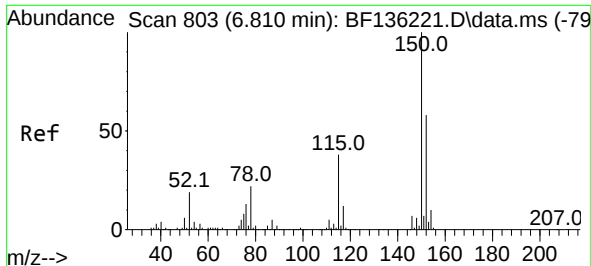
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 157742   | 40.223 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 721450   | 47.027 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 526692   | 44.209 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 131376   | 42.236 | ng    | # 81     |
| 49) Acenaphthylene            | 9.704  | 152  | 761399   | 44.783 | ng    | 97       |
| 50) Dimethylphthalate         | 9.569  | 163  | 588111   | 44.727 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.628  | 165  | 115431   | 42.972 | ng    | 96       |
| 52) Acenaphthene              | 9.875  | 154  | 439914   | 40.944 | ng    | 95       |
| 53) 3-Nitroaniline            | 9.792  | 138  | 84033    | 31.528 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 33531    | 26.840 | ng    | # 83     |
| 55) Dibenzofuran              | 10.051 | 168  | 642592   | 40.193 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 152718   | 75.442 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 138032   | 38.469 | ng    | 94       |
| 58) Fluorene                  | 10.392 | 166  | 469780   | 37.461 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 112934   | 36.194 | ng    | 98       |
| 60) Diethylphthalate          | 10.269 | 149  | 515508   | 39.193 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 236763   | 38.876 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 89941    | 34.474 | ng    | 95       |
| 63) Azobenzene                | 10.545 | 77   | 438510   | 35.962 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 31389    | 21.273 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 401078   | 46.384 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 137208   | 43.587 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 151819   | 41.671 | ng    | 93       |
| 69) Atrazine                  | 11.033 | 200  | 129361   | 50.432 | ng    | 98       |
| 70) Pentachlorophenol         | 11.133 | 266  | 172973   | 83.992 | ng    | 96       |
| 71) Phenanthrene              | 11.357 | 178  | 658773   | 43.440 | ng    | 98       |
| 72) Anthracene                | 11.410 | 178  | 666052   | 43.796 | ng    | 99       |
| 73) Carbazole                 | 11.569 | 167  | 587764   | 45.441 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 728844   | 45.035 | ng    | 98       |
| 75) Fluoranthene              | 12.551 | 202  | 768827   | 49.939 | ng    | 96       |
| 77) Benzidine                 | 12.674 | 184  | 174654   | 43.757 | ng    | 96       |
| 78) Pyrene                    | 12.780 | 202  | 782320   | 29.419 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 333390   | 40.283 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 743211   | 41.209 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 241580   | 55.646 | ng    | 94       |
| 83) Chrysene                  | 14.016 | 228  | 718011   | 41.232 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 477224   | 48.047 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 904648   | 55.211 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 465285   | 30.153 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 666384   | 44.401 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.068 | 252  | 629070   | 44.132 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 512393   | 41.763 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 393931   | 31.673 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 368037   | 29.348 | ng    | 96       |

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

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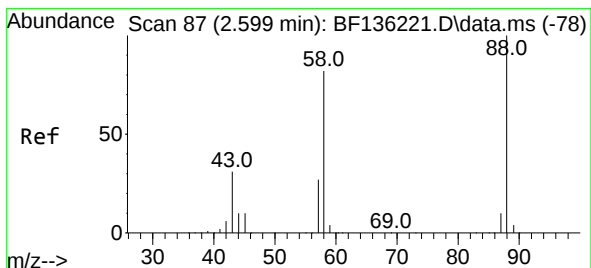
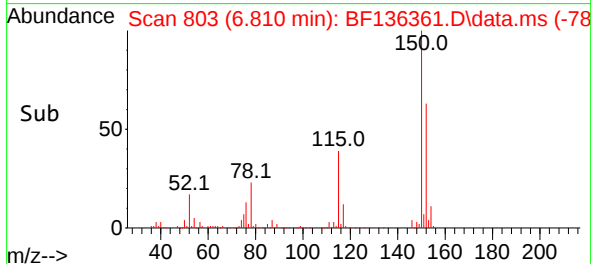
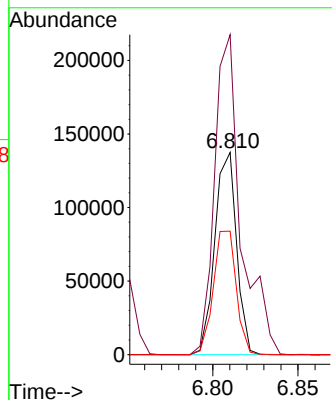
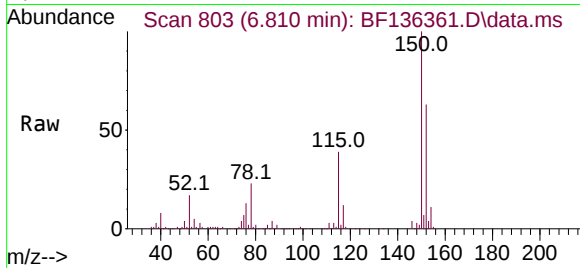




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.810 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF136361.D  
 Acq: 02 Dec 2023 05:10

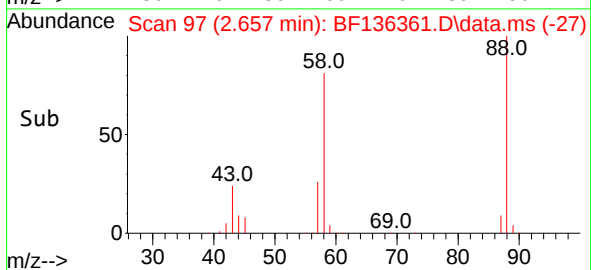
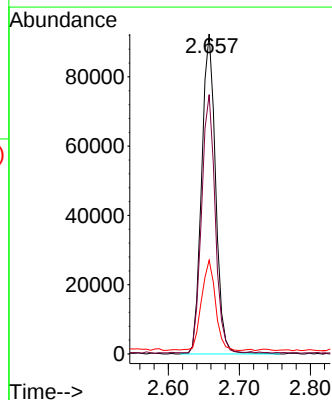
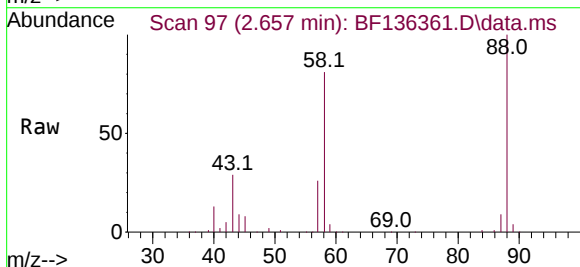
Instrument :  
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 TP-3MS

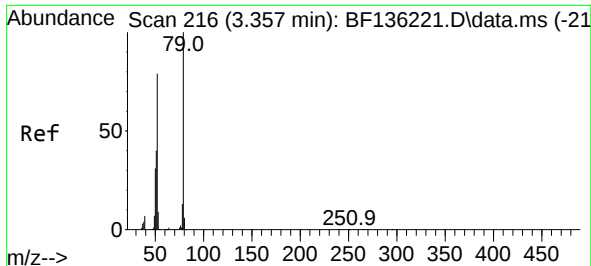
Tgt Ion:152 Resp: 122227  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 137.8 206.8  
 115 61.1 52.7 79.1



#2  
 1,4-Dioxane  
 Concen: 38.100 ng  
 RT: 2.657 min Scan# 97  
 Delta R.T. 0.059 min  
 Lab File: BF136361.D  
 Acq: 02 Dec 2023 05:10

Tgt Ion: 88 Resp: 126595  
 Ion Ratio Lower Upper  
 88 100  
 58 78.7 65.9 98.9  
 43 28.3 24.8 37.2





#3

Pyridine

Concen: 36.973 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

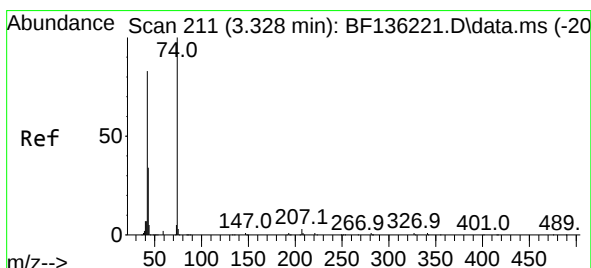
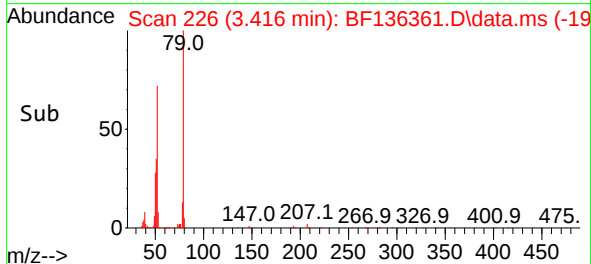
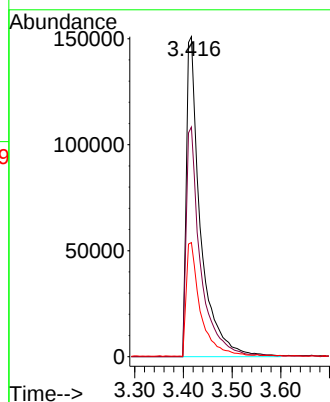
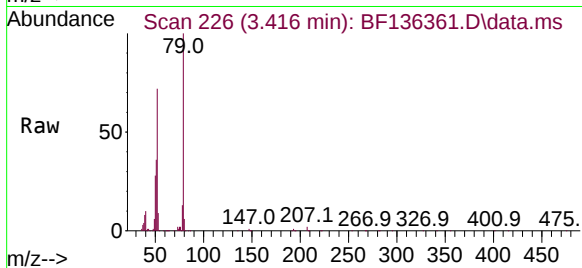
Tgt Ion: 79 Resp: 303258

Ion Ratio Lower Upper

79 100

52 71.7 63.2 94.8

51 35.7 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 36.426 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.053 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

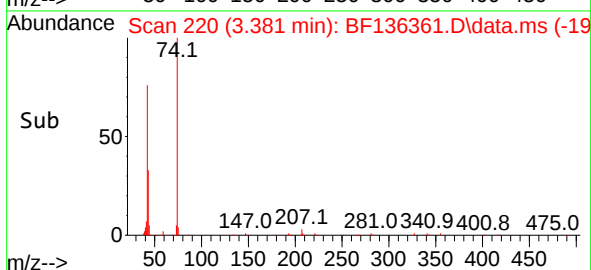
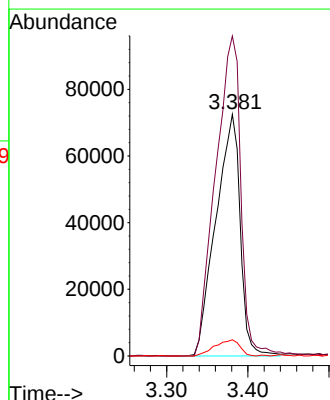
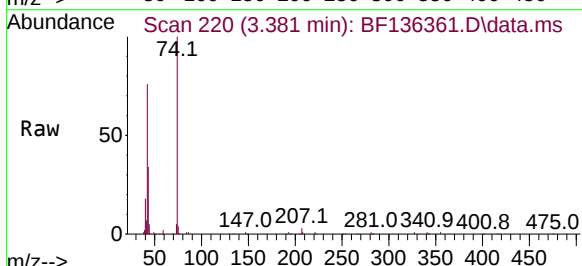
Tgt Ion: 42 Resp: 151027

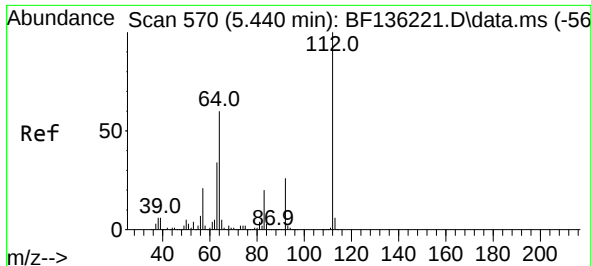
Ion Ratio Lower Upper

42 100

74 132.4 96.6 144.8

44 6.7 5.4 8.2

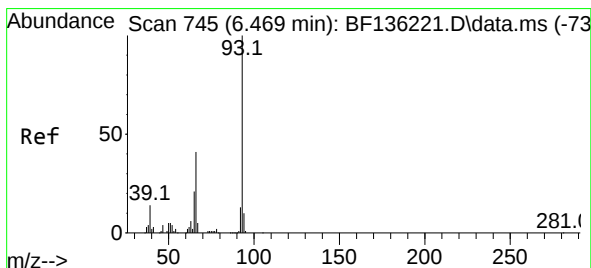
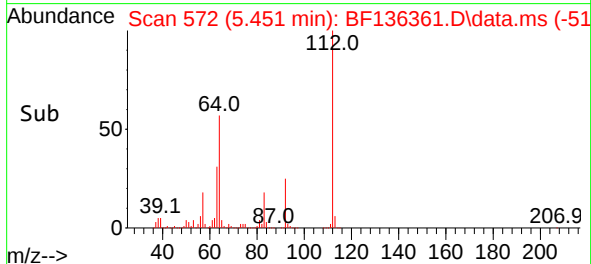
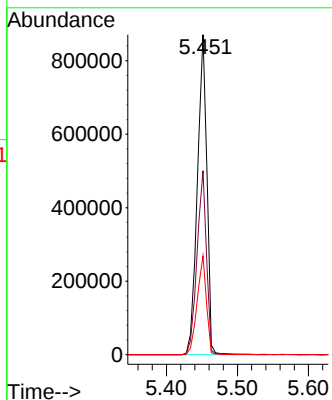
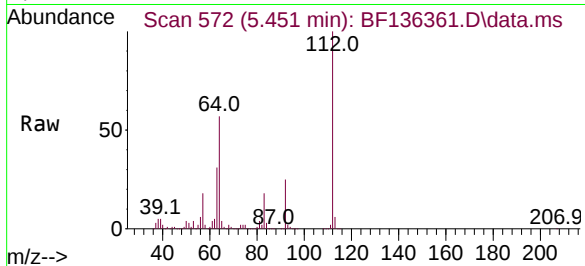




#5  
2-Fluorophenol  
Concen: 92.783 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

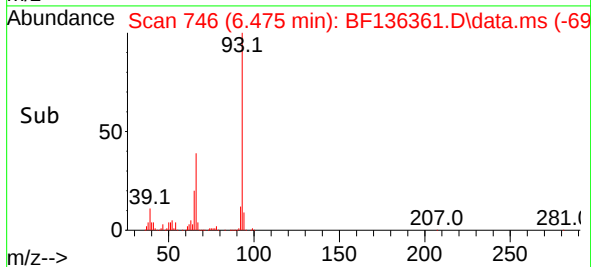
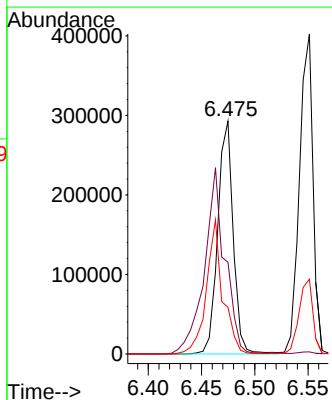
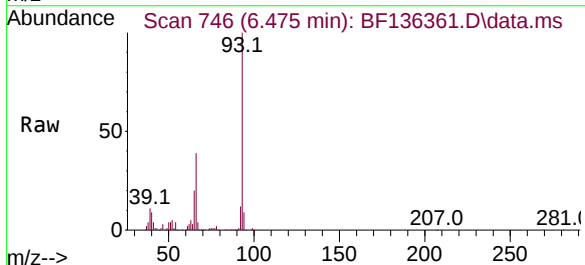
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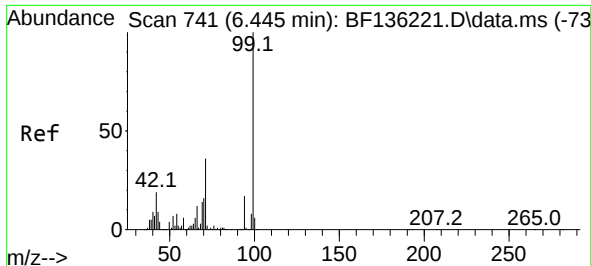
Tgt Ion:112 Resp: 814787  
Ion Ratio Lower Upper  
112 100  
64 57.5 48.2 72.4  
63 30.9 27.0 40.6



#6  
Aniline  
Concen: 28.456 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 93 Resp: 295329  
Ion Ratio Lower Upper  
93 100  
66 39.4 34.1 51.1  
65 20.0 17.3 25.9

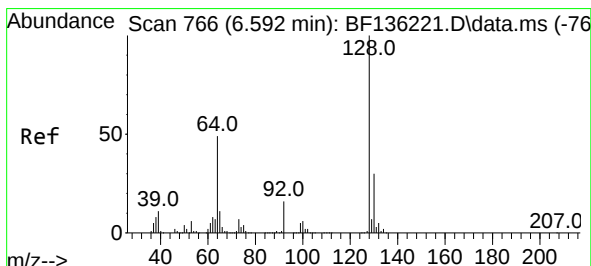
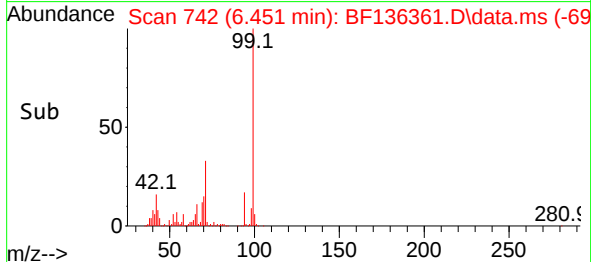
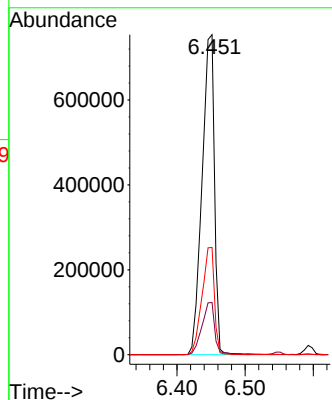
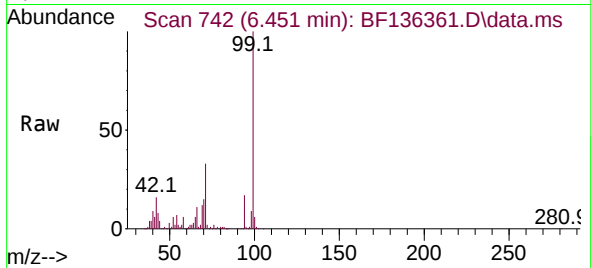




#7  
Phenol-d6  
Concen: 87.119 ng  
RT: 6.451 min Scan# 741  
Delta R.T. 0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

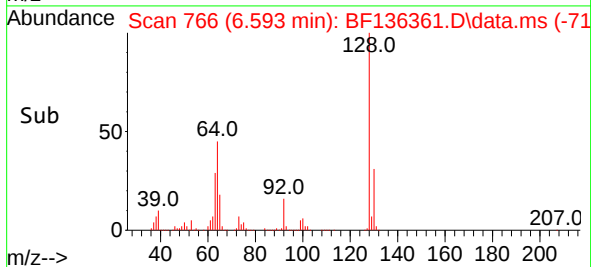
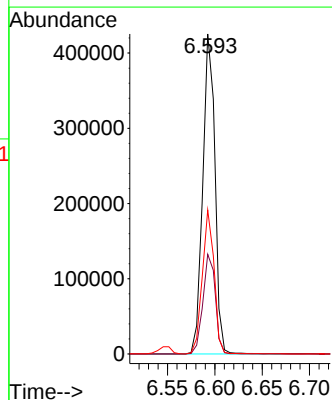
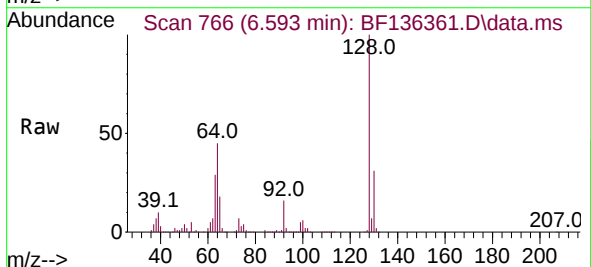
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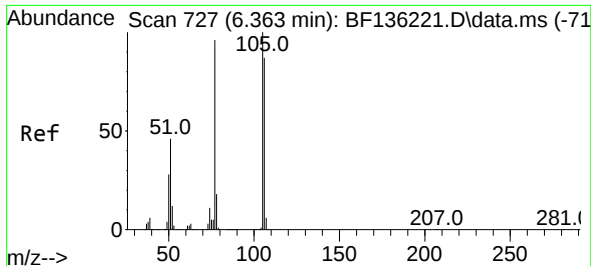
Tgt Ion: 99 Resp: 956593  
Ion Ratio Lower Upper  
99 100  
42 16.3 15.0 22.6  
71 33.5 28.9 43.3



#8  
2-Chlorophenol  
Concen: 39.748 ng  
RT: 6.593 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 128 Resp: 380060  
Ion Ratio Lower Upper  
128 100  
130 31.2 10.3 50.3  
64 45.0 30.0 70.0

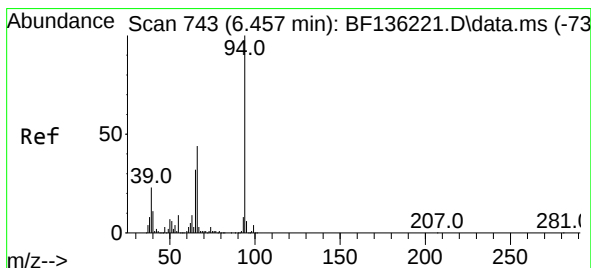
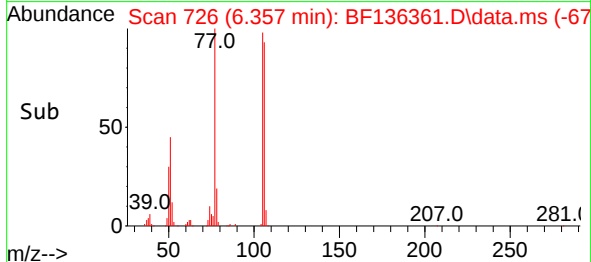
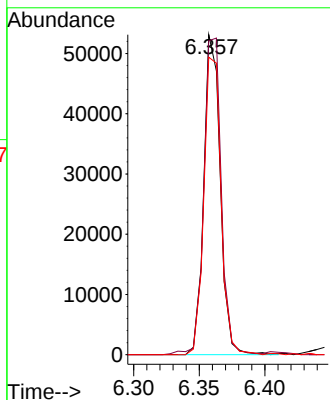
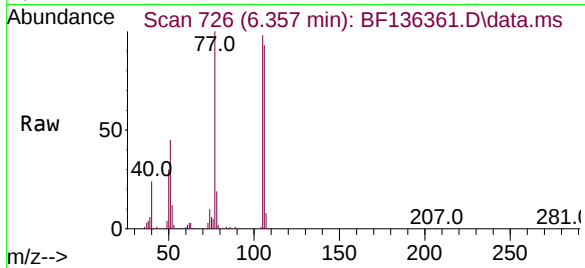




#9  
Benzaldehyde  
Concen: 7.595 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

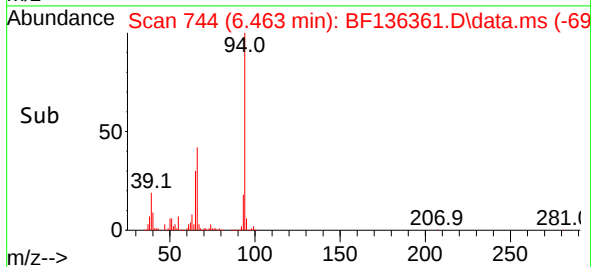
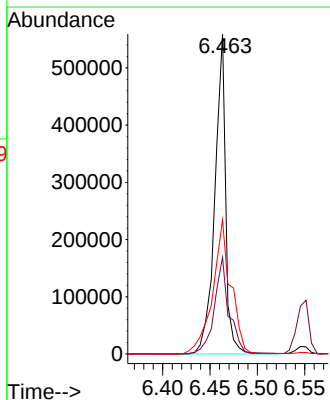
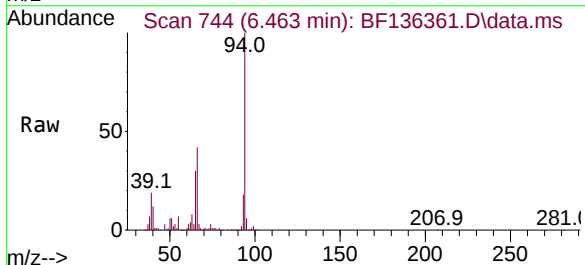
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

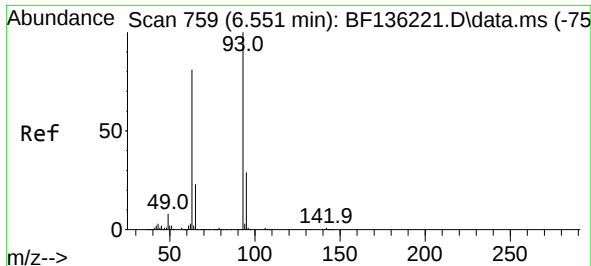
Tgt Ion: 77 Resp: 46480  
Ion Ratio Lower Upper  
77 100  
105 98.1 84.3 124.3  
106 93.0 71.0 111.0



#10  
Phenol  
Concen: 37.980 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 94 Resp: 447406  
Ion Ratio Lower Upper  
94 100  
65 30.2 12.5 52.5  
66 41.9 24.1 64.1

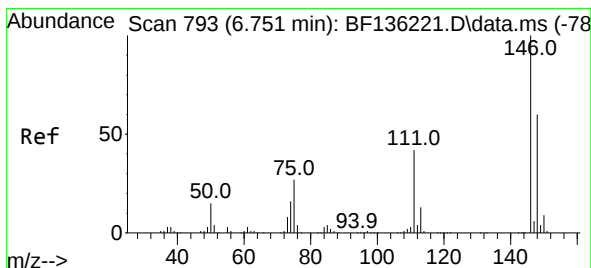
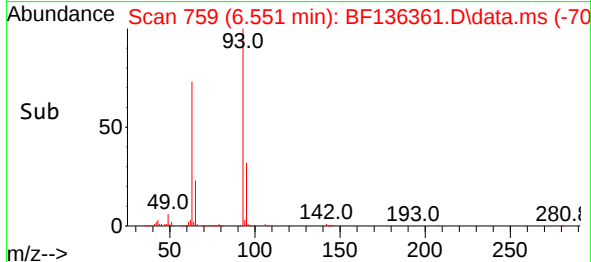
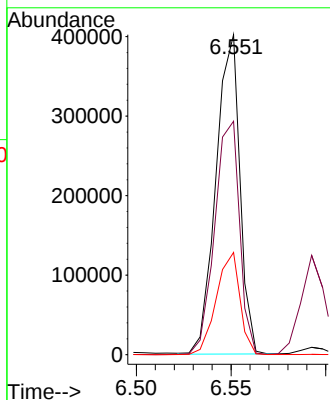
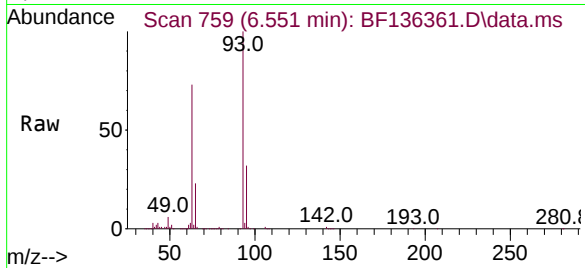




#11  
bis(2-Chloroethyl)ether  
Concen: 40.823 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

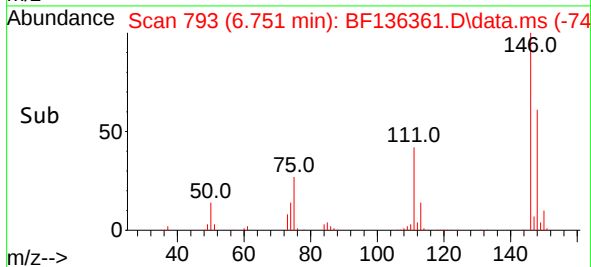
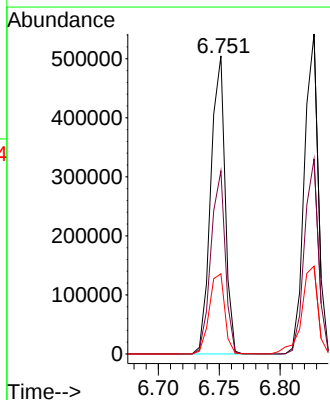
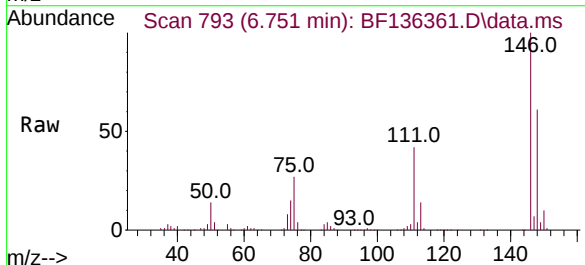
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

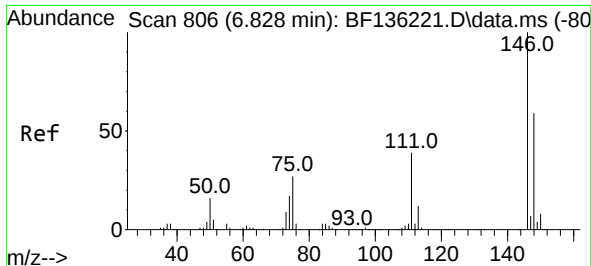
Tgt Ion: 93 Resp: 352788  
Ion Ratio Lower Upper  
93 100  
63 73.0 60.2 100.2  
95 32.0 9.1 49.1



#12  
1,3-Dichlorobenzene  
Concen: 38.200 ng  
RT: 6.751 min Scan# 793  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 146 Resp: 414511  
Ion Ratio Lower Upper  
146 100  
148 61.4 47.8 71.6  
75 26.9 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.859 ng

RT: 6.828 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

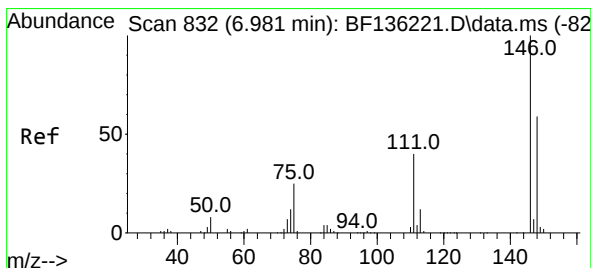
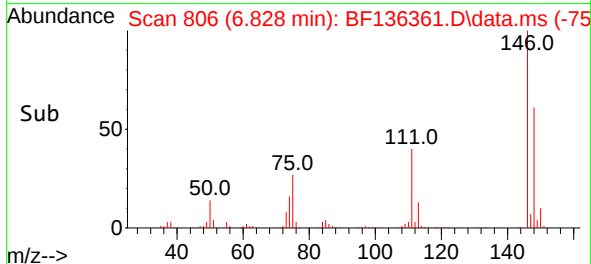
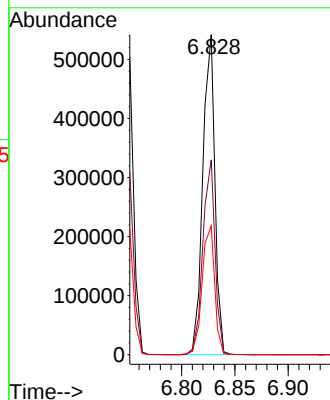
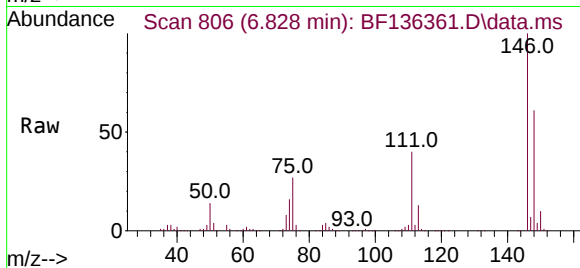
Tgt Ion:146 Resp: 428653

Ion Ratio Lower Upper

146 100

148 60.9 47.0 70.6

111 40.3 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 37.373 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

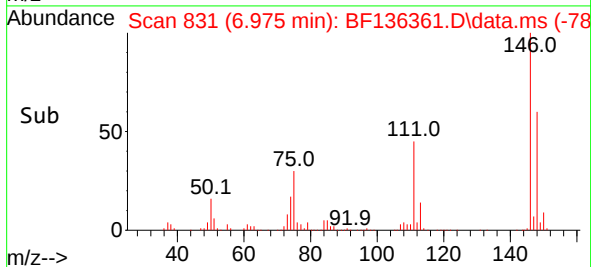
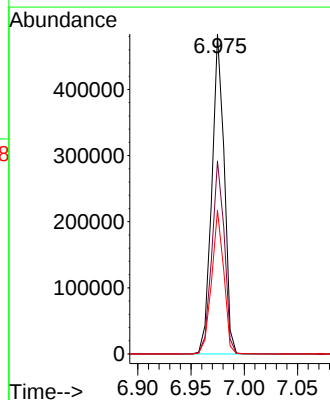
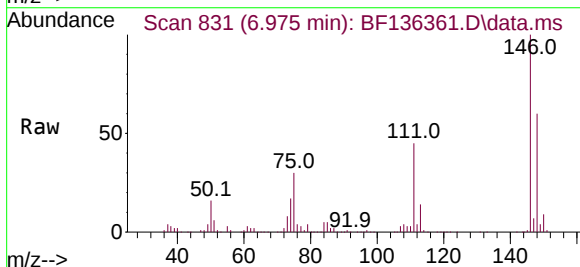
Tgt Ion:146 Resp: 390296

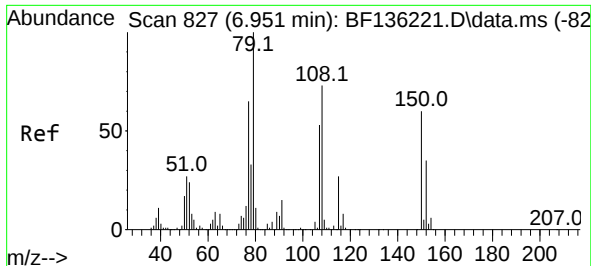
Ion Ratio Lower Upper

146 100

148 60.3 47.3 70.9

111 44.9 32.4 48.6

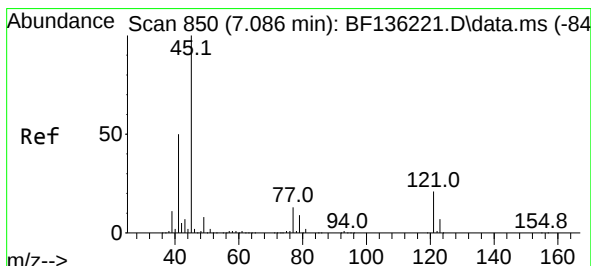
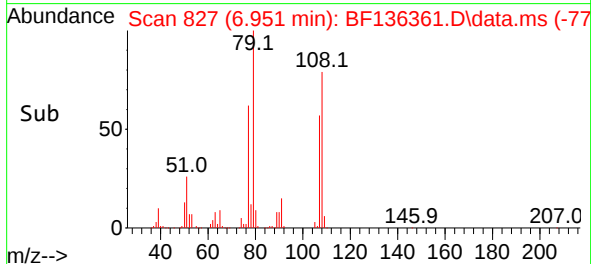
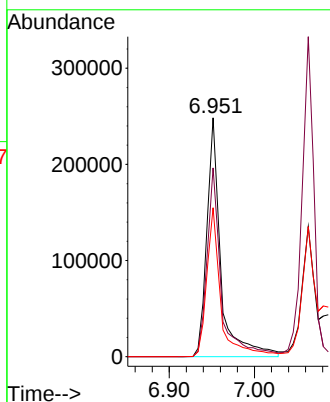
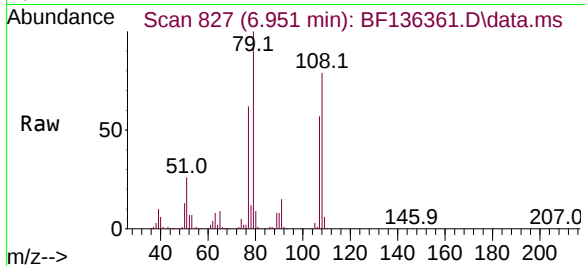




#15  
Benzyl Alcohol  
Concen: 36.865 ng  
RT: 6.951 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

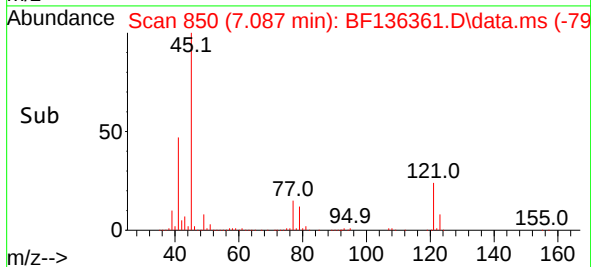
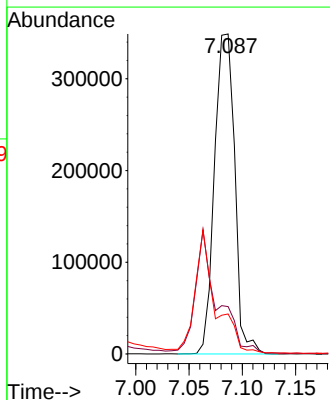
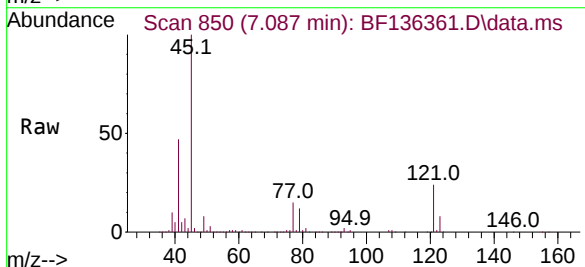
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

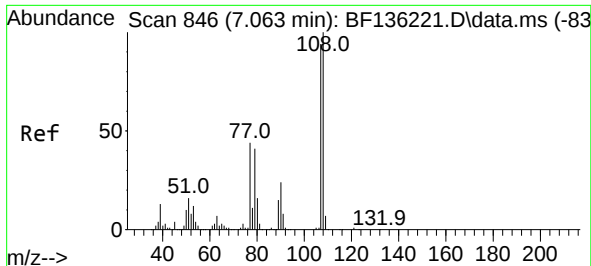
Tgt Ion: 79 Resp: 283805  
Ion Ratio Lower Upper  
79 100  
108 79.0 58.1 87.1  
77 62.3 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.303 ng  
RT: 7.087 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 45 Resp: 459782  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 34.0  
79 12.5 0.0 30.1

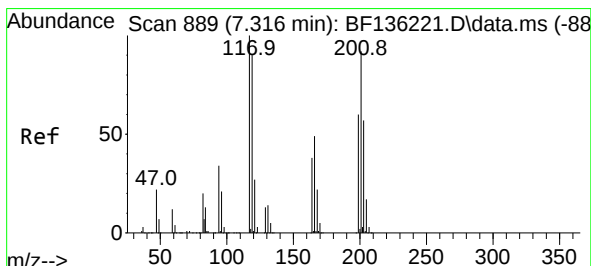
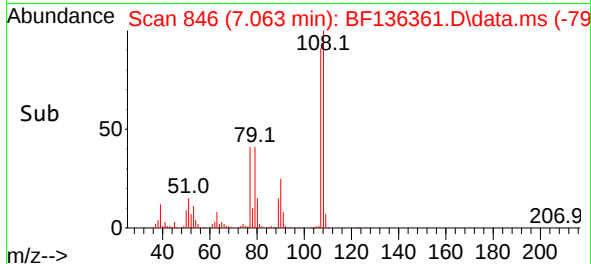
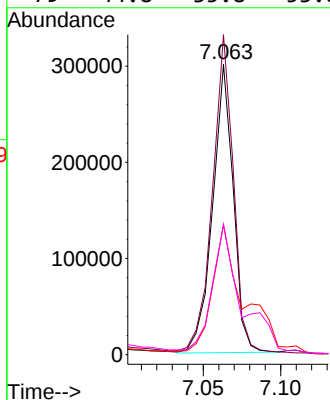
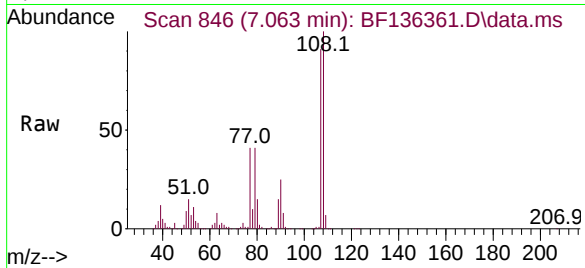




#17  
2-Methylphenol  
Concen: 36.947 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

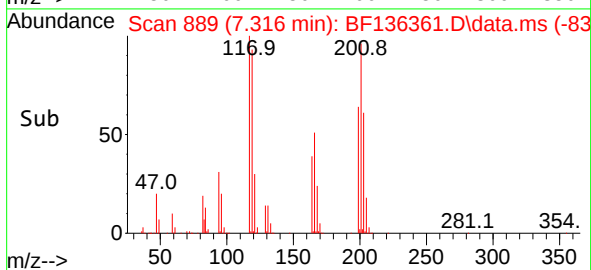
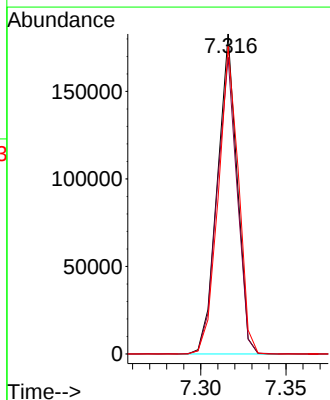
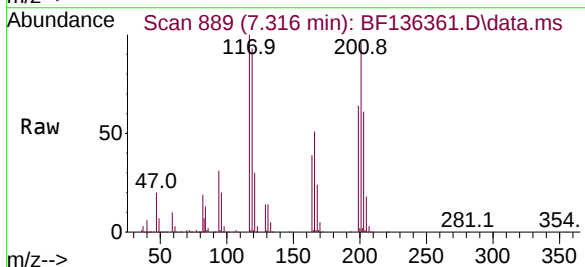
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

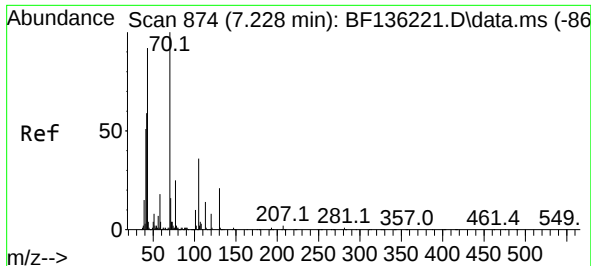
Tgt Ion:107 Resp: 277737  
Ion Ratio Lower Upper  
107 100  
108 110.2 85.4 128.0  
77 44.8 37.4 56.2  
79 44.8 35.8 53.8



#18  
Hexachloroethane  
Concen: 38.017 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:117 Resp: 147099  
Ion Ratio Lower Upper  
117 100  
119 92.7 71.6 107.4  
201 96.1 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.522 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

Tgt Ion: 70 Resp: 246411

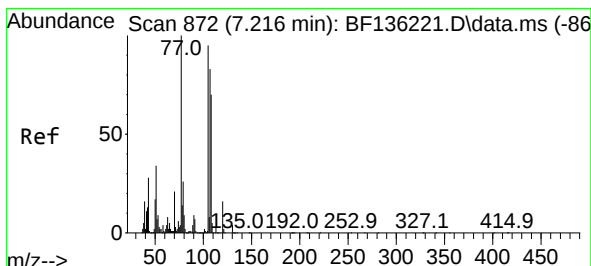
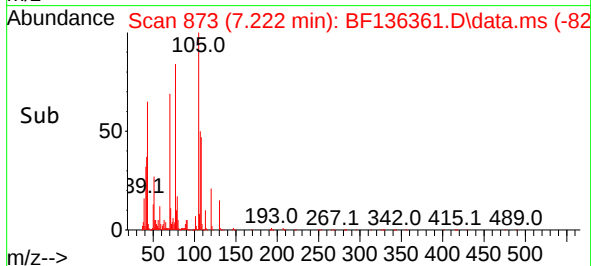
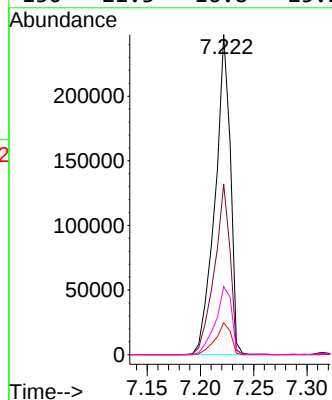
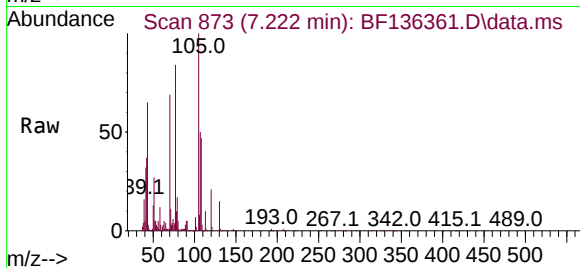
Ion Ratio Lower Upper

70 100

42 53.4 47.0 70.4

101 10.0 7.8 11.8

130 21.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 34.919 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion: 107 Resp: 341146

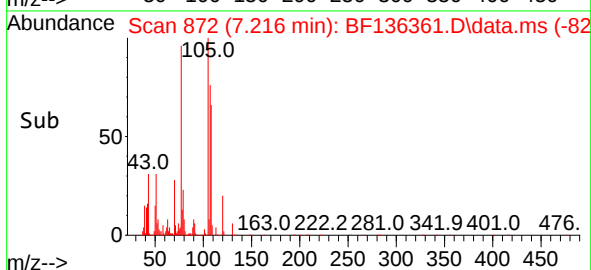
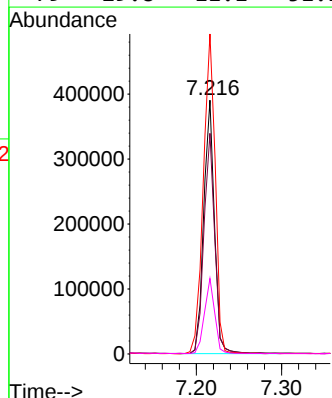
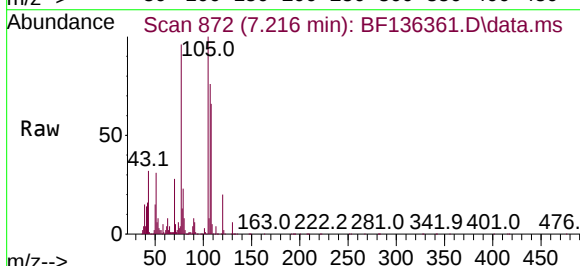
Ion Ratio Lower Upper

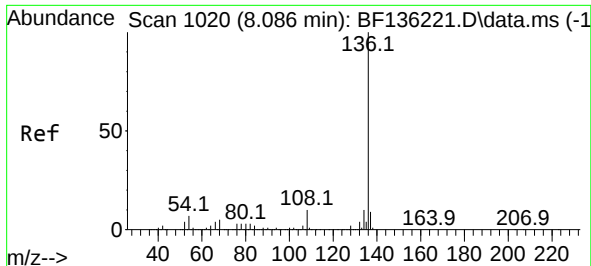
107 100

108 86.9 63.9 103.9

77 126.1 100.2 140.2

79 29.8 11.1 51.1



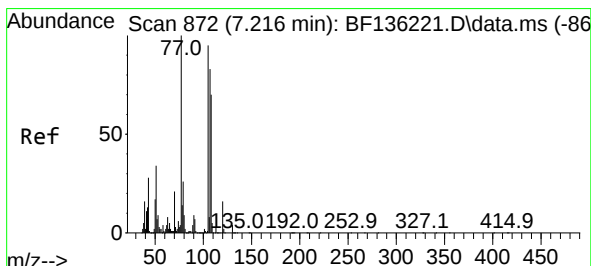
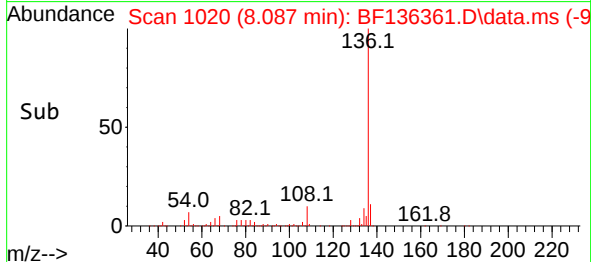
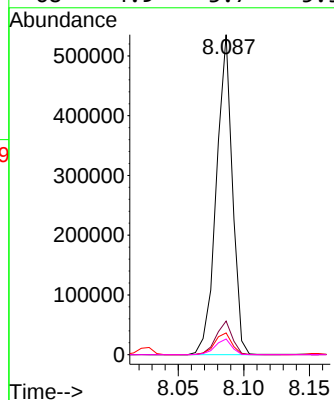
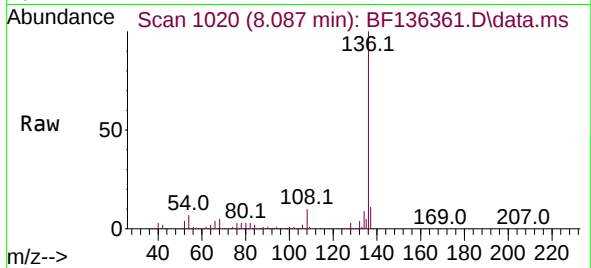


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.087 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

Tgt Ion:136 Resp: 453720

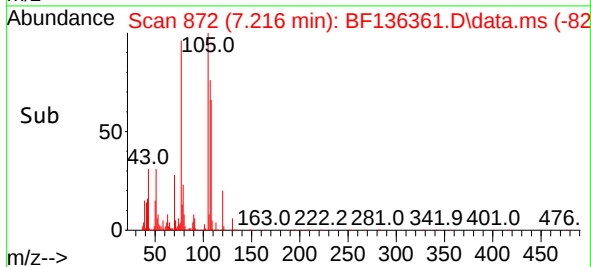
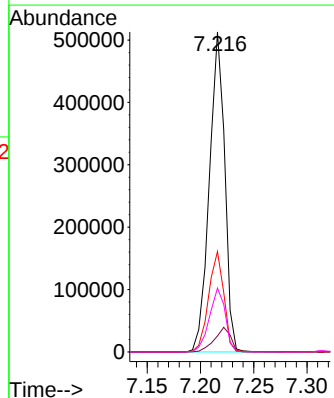
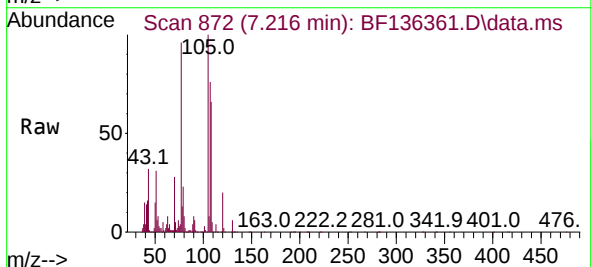
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 7.4   | 11.2  |
| 54  | 6.8   | 5.5   | 8.3   |
| 68  | 4.9   | 3.7   | 5.5   |

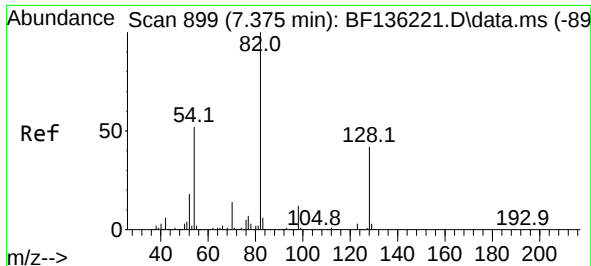


#22  
Acetophenone  
Concen: 43.266 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:105 Resp: 515563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.0   | 2.8   | 4.2   |
| 51  | 31.4  | 29.0  | 43.6  |
| 120 | 20.0  | 13.9  | 20.9  |





#23

Nitrobenzene-d5

Concen: 67.989 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

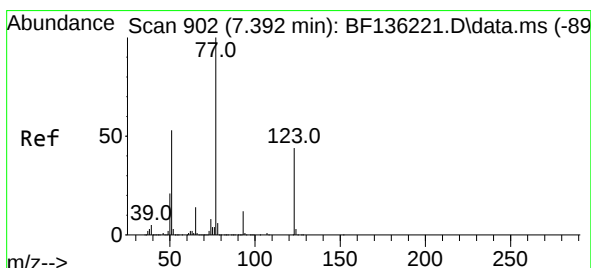
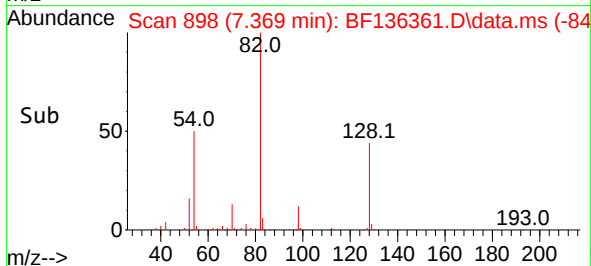
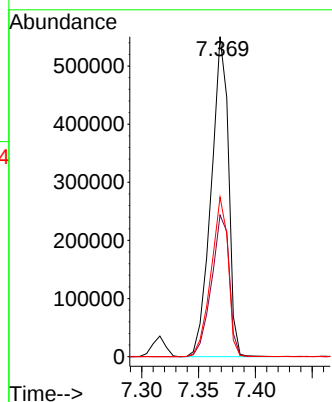
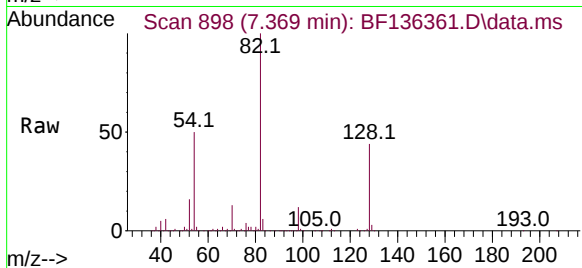
Tgt Ion: 82 Resp: 583764

Ion Ratio Lower Upper

82 100

128 44.3 33.4 50.2

54 49.8 41.7 62.5



#24

Nitrobenzene

Concen: 41.125 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

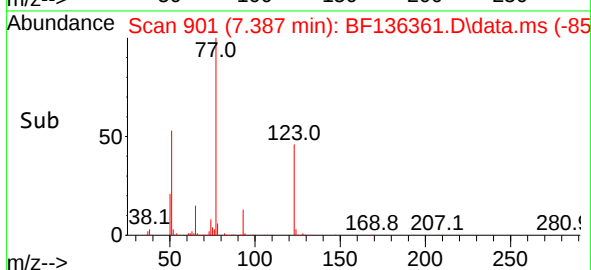
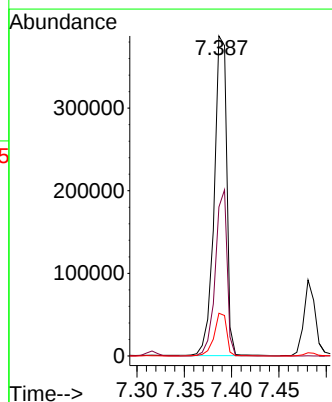
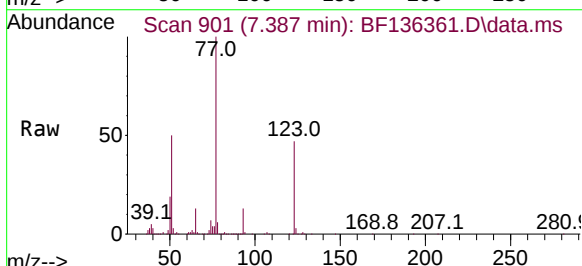
Tgt Ion: 77 Resp: 357832

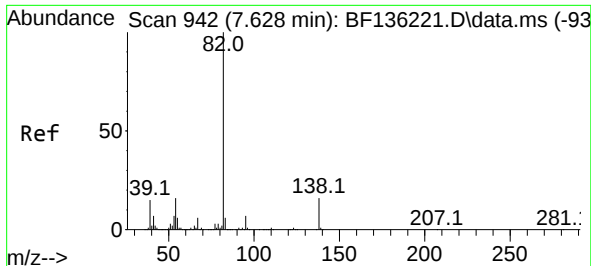
Ion Ratio Lower Upper

77 100

123 46.6 35.4 53.2

65 13.3 11.0 16.6

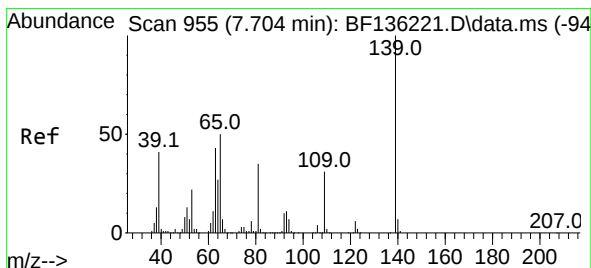
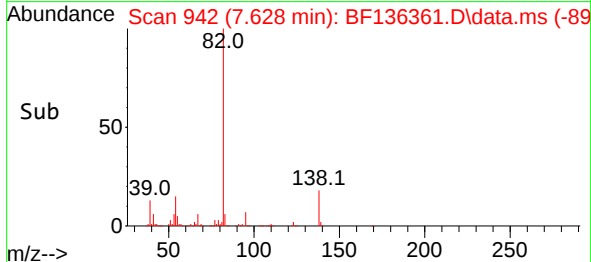
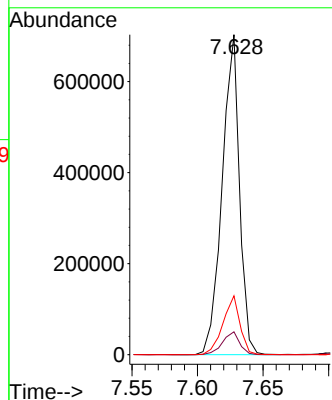
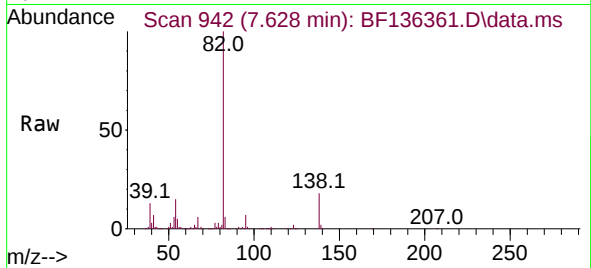




#25  
Isophorone  
Concen: 41.569 ng  
RT: 7.628 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

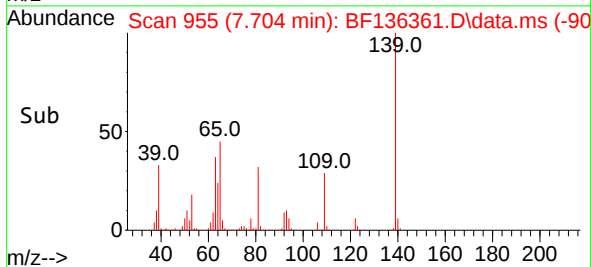
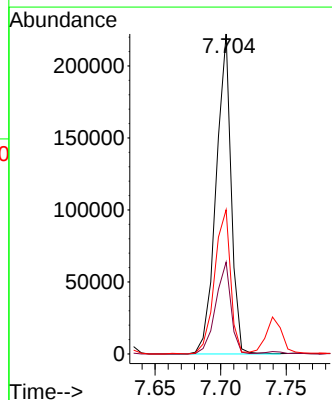
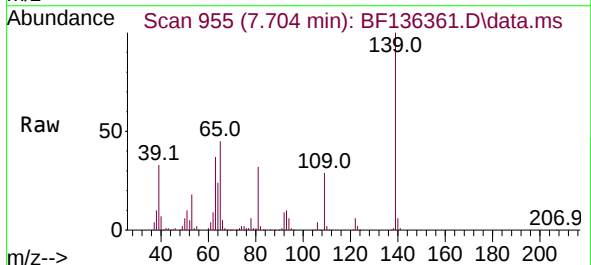
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

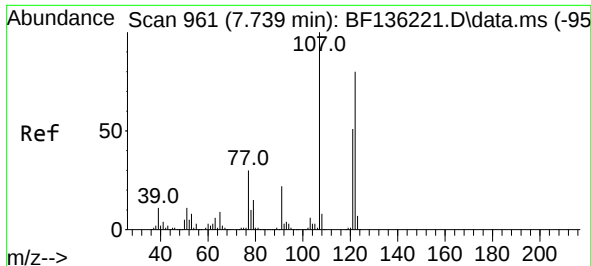
Tgt Ion: 82 Resp: 643578  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.5 8.3  
138 18.4 12.8 19.2



#26  
2-Nitrophenol  
Concen: 47.758 ng  
RT: 7.704 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion: 139 Resp: 177053  
Ion Ratio Lower Upper  
139 100  
109 28.7 25.0 37.6  
65 45.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 47.033 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

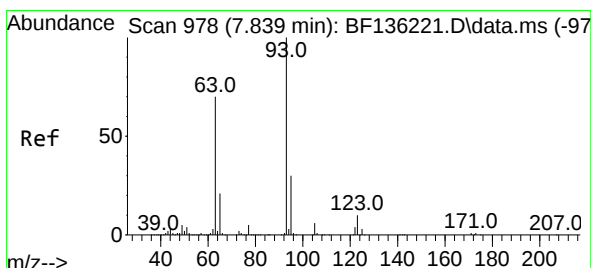
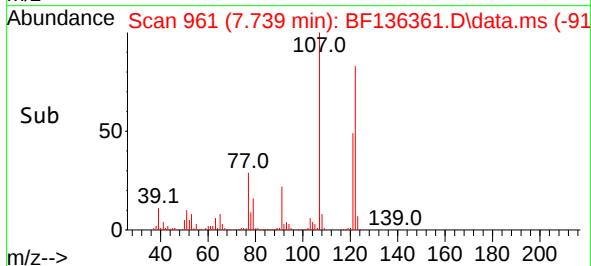
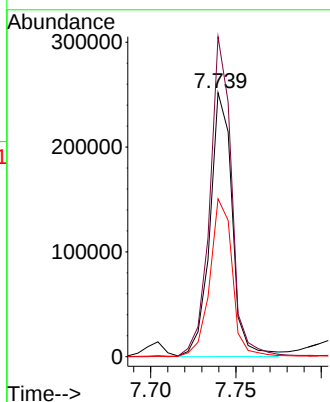
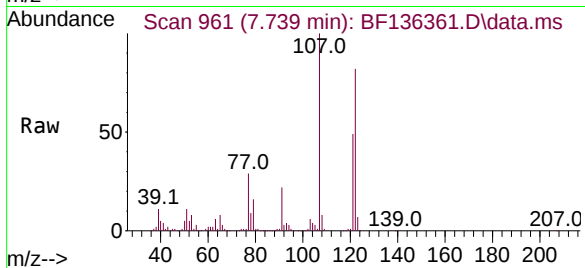
Tgt Ion:122 Resp: 229502

Ion Ratio Lower Upper

122 100

107 121.2 100.0 150.0

121 59.8 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.763 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

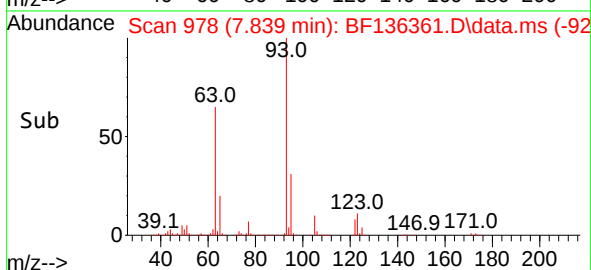
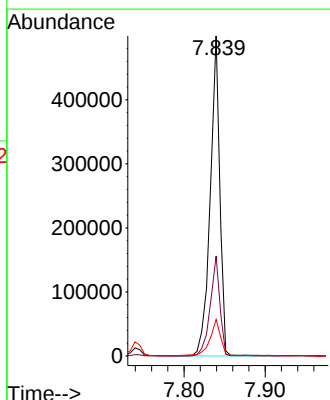
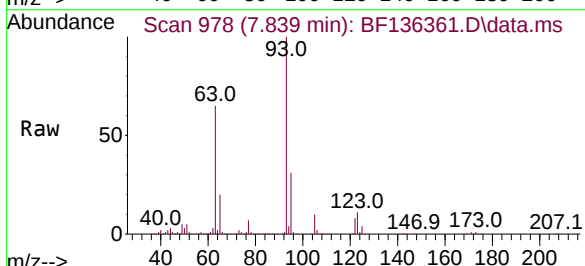
Tgt Ion: 93 Resp: 409825

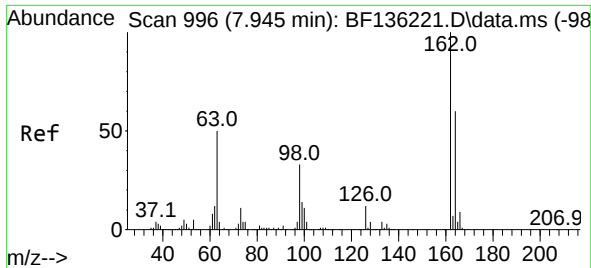
Ion Ratio Lower Upper

93 100

95 31.2 23.8 35.6

123 11.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.798 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

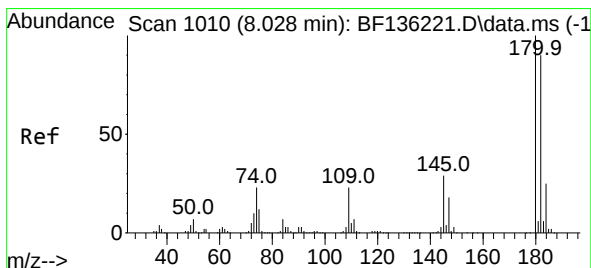
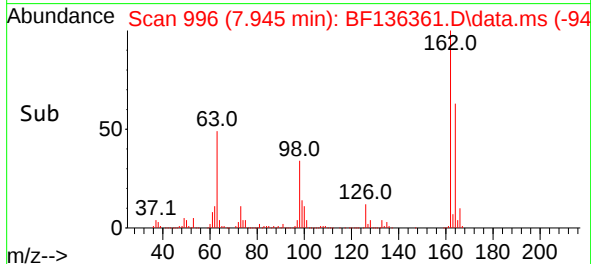
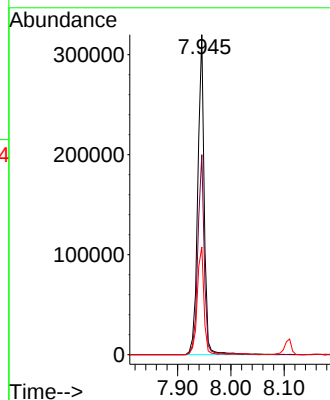
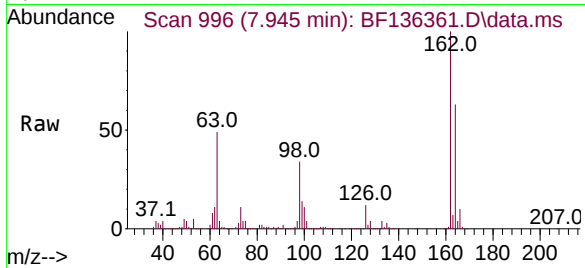
Tgt Ion:162 Resp: 268524

Ion Ratio Lower Upper

162 100

164 62.5 40.3 80.3

98 33.7 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.603 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

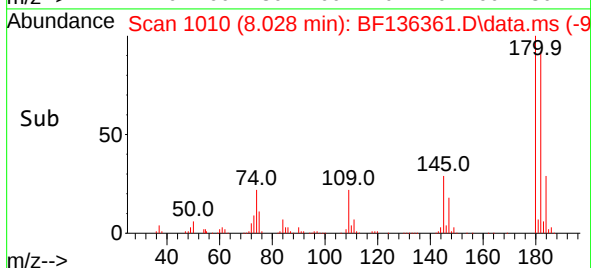
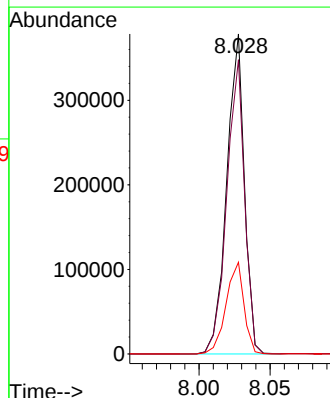
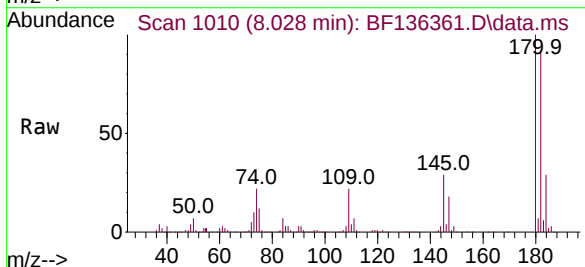
Tgt Ion:180 Resp: 327189

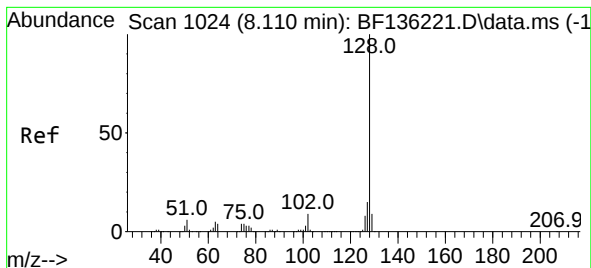
Ion Ratio Lower Upper

180 100

182 92.0 71.6 107.4

145 28.6 23.0 34.4





#31

Naphthalene

Concen: 40.155 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

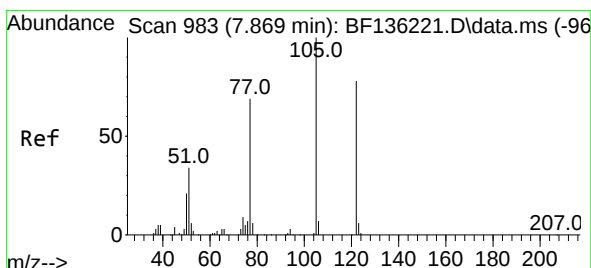
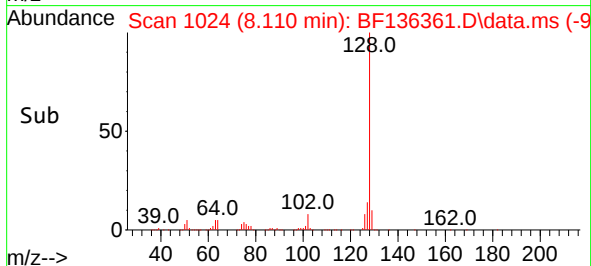
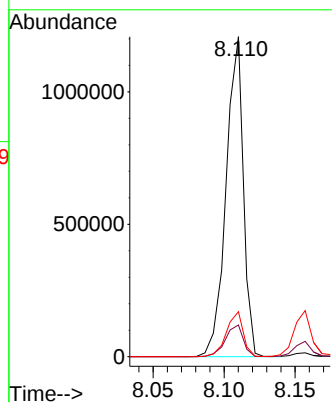
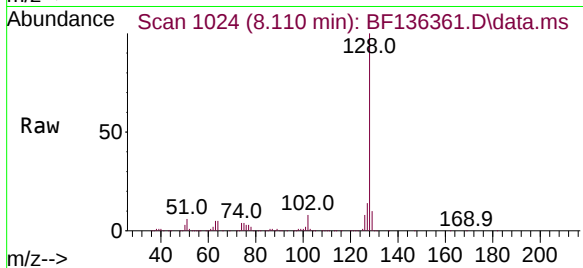
Tgt Ion:128 Resp: 1024063

Ion Ratio Lower Upper

128 100

129 9.9 7.3 10.9

127 14.1 11.8 17.6



#32

Benzoic acid

Concen: 28.526 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.023 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

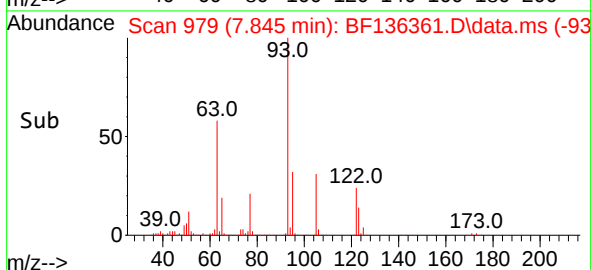
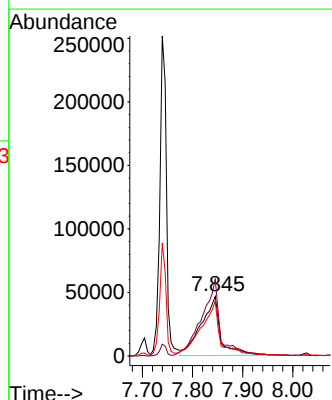
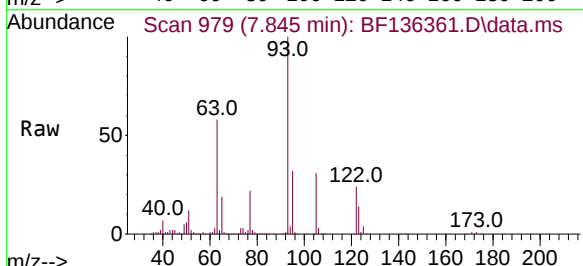
Tgt Ion:122 Resp: 126858

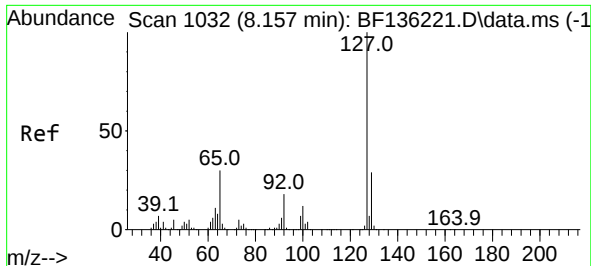
Ion Ratio Lower Upper

122 100

105 128.6 103.7 143.7

77 91.7 66.8 106.8

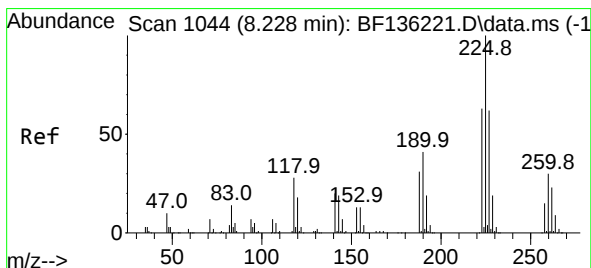
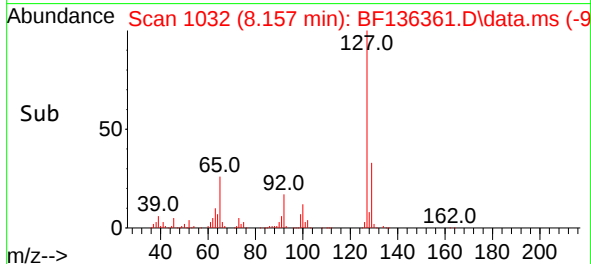
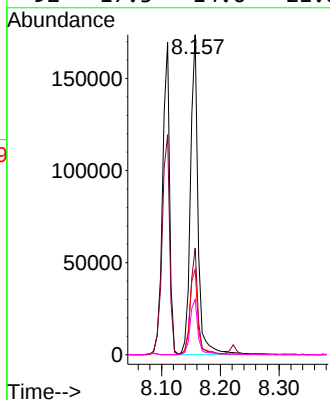
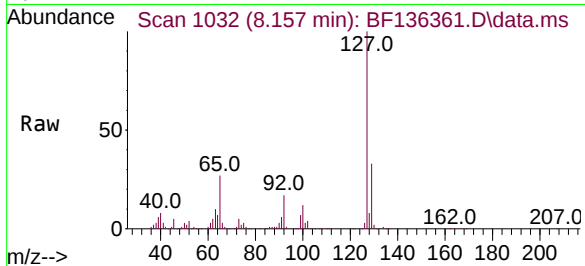




#33  
4-Chloroaniline  
Concen: 18.081 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

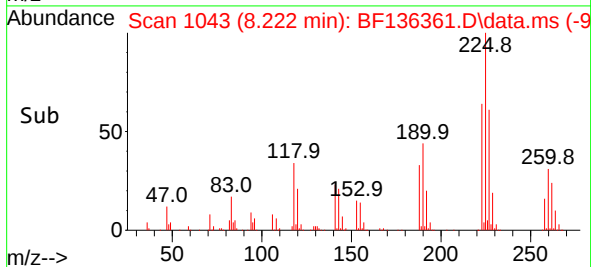
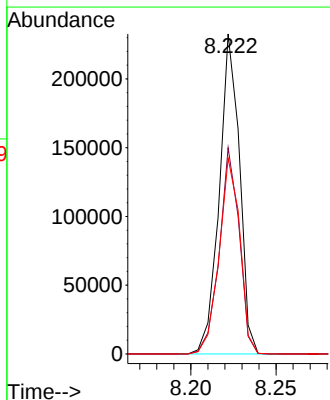
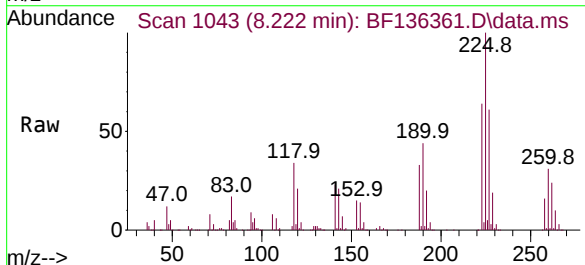
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

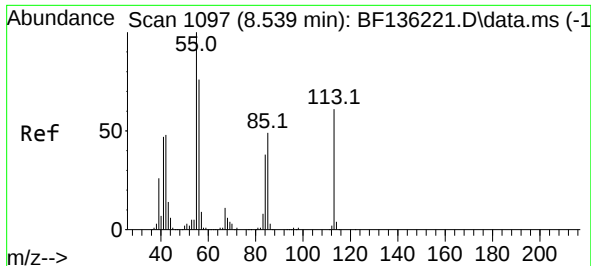
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 156741 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 23.4  | 35.2   |
| 65       | 26.6  | 23.8  | 35.6   |
| 92       | 17.3  | 14.6  | 21.8   |



#34  
Hexachlorobutadiene  
Concen: 40.658 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 191677 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.5  | 50.6  | 75.8   |
| 227      | 61.1  | 49.6  | 74.4   |

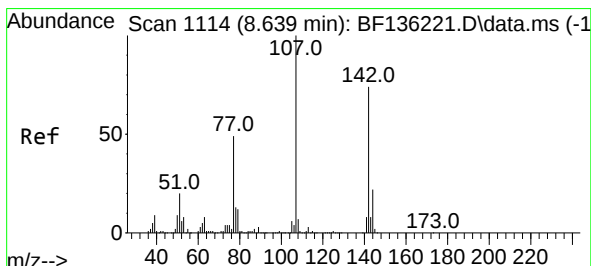
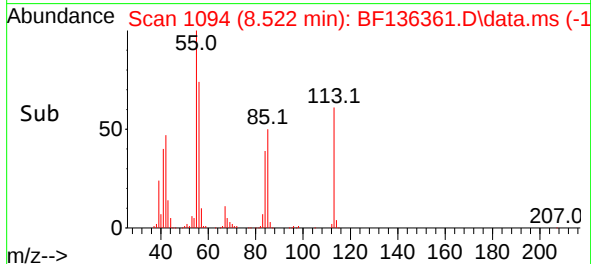
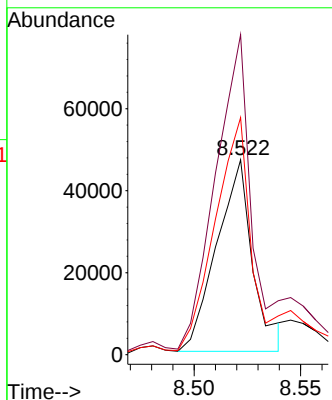
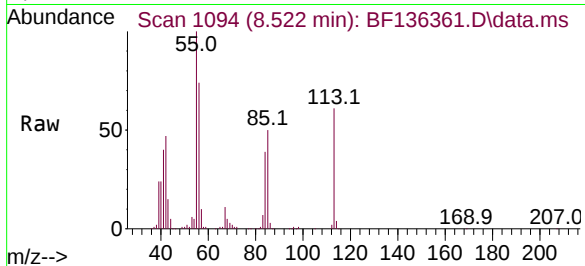




#35  
Caprolactam  
Concen: 29.902 ng  
RT: 8.522 min Scan# 1094  
Delta R.T. -0.018 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

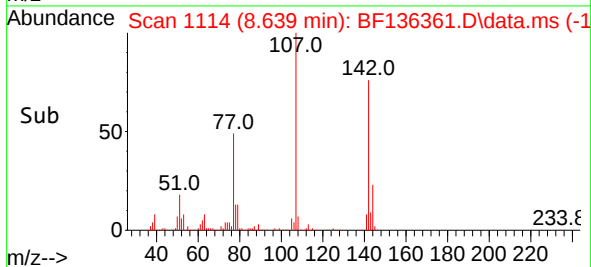
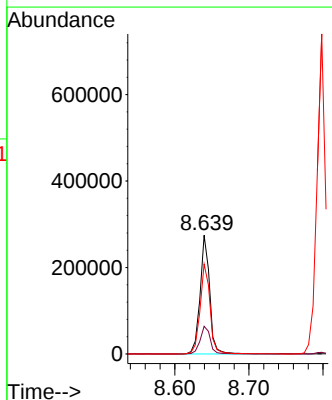
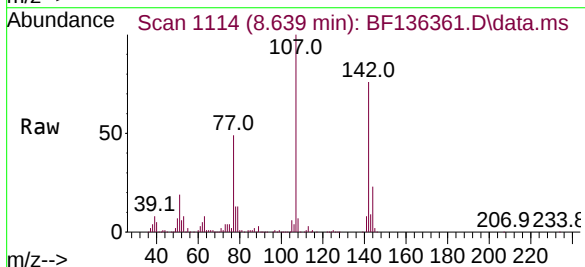
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

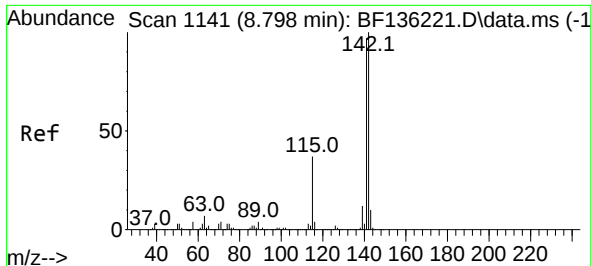
Tgt Ion:113 Resp: 55017  
Ion Ratio Lower Upper  
113 100  
55 164.2 143.1 183.1  
56 121.7 103.6 143.6



#36  
4-Chloro-3-methylphenol  
Concen: 34.636 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:107 Resp: 247241  
Ion Ratio Lower Upper  
107 100  
144 23.3 17.8 26.8  
142 75.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 36.745 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

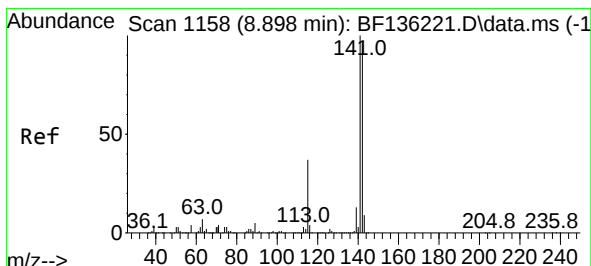
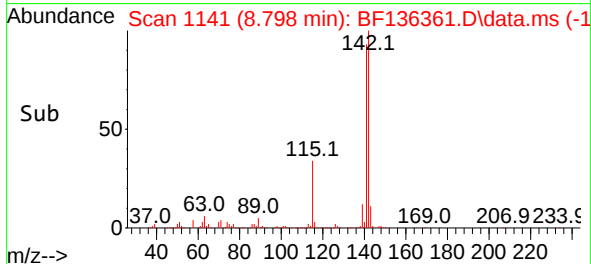
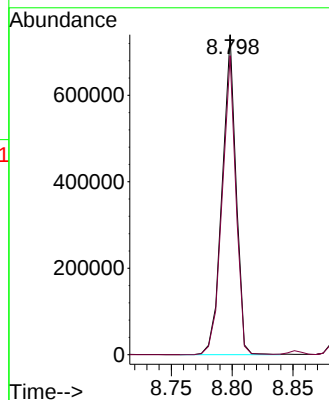
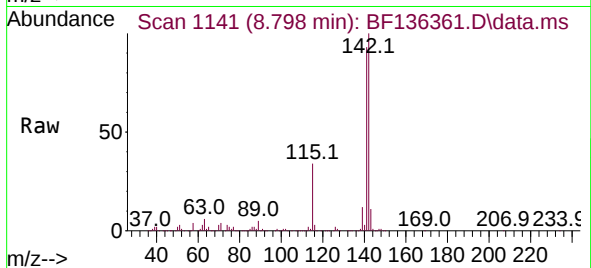
TP-3MS

Tgt Ion:142 Resp: 587830

Ion Ratio Lower Upper

142 100

141 93.5 77.8 116.8



#38

1-Methylnaphthalene

Concen: 35.760 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136361.D

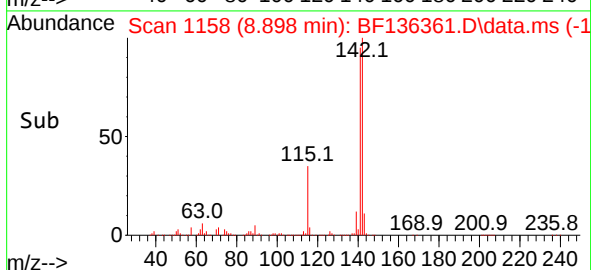
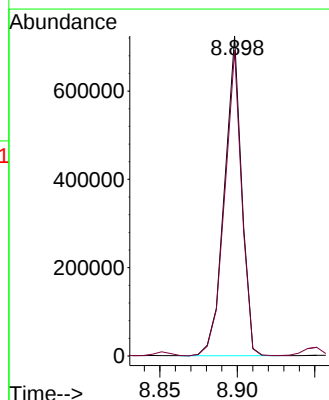
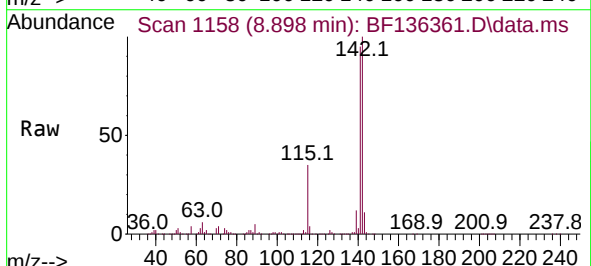
Acq: 02 Dec 2023 05:10

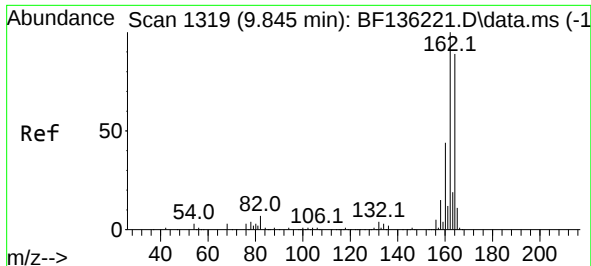
Tgt Ion:142 Resp: 558074

Ion Ratio Lower Upper

142 100

141 95.5 83.8 125.6

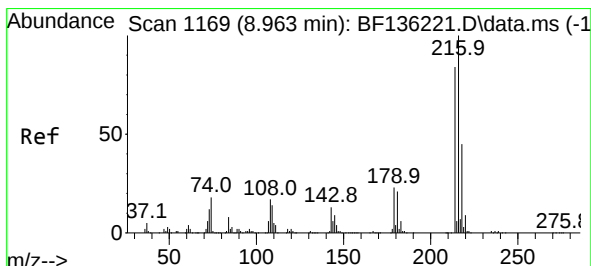
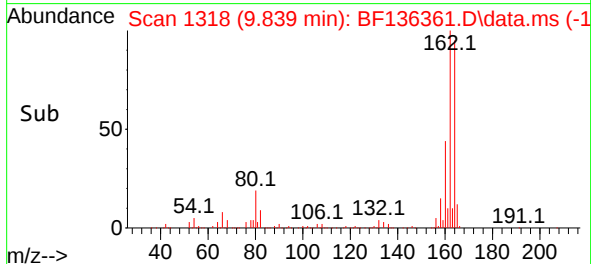
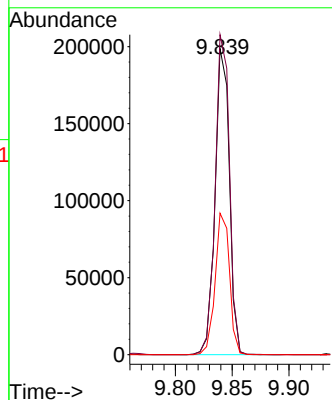
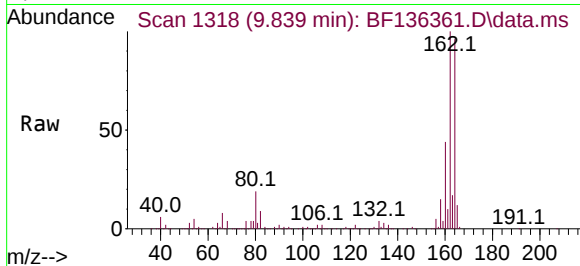




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

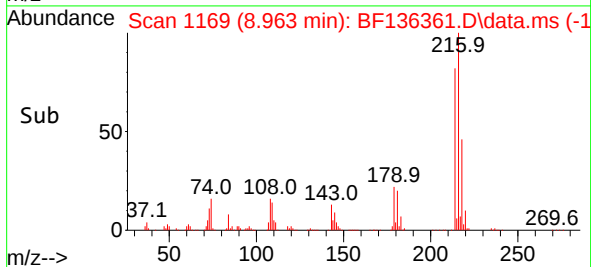
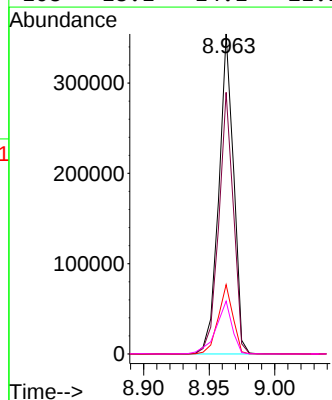
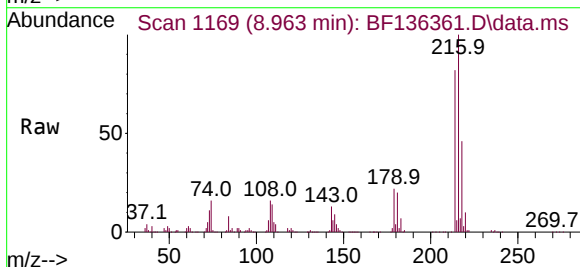
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

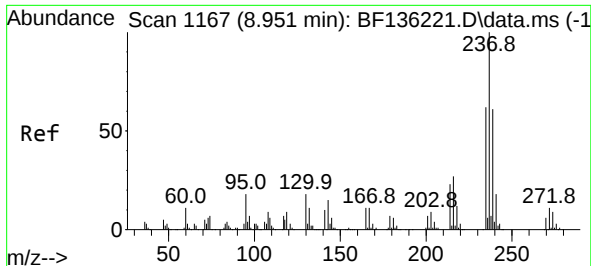
Tgt Ion:164 Resp: 173967  
Ion Ratio Lower Upper  
164 100  
162 104.5 89.5 134.3  
160 46.2 39.6 59.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.084 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:216 Resp: 277290  
Ion Ratio Lower Upper  
216 100  
214 80.2 65.8 98.8  
179 21.6 17.4 26.0  
108 18.1 14.1 21.1

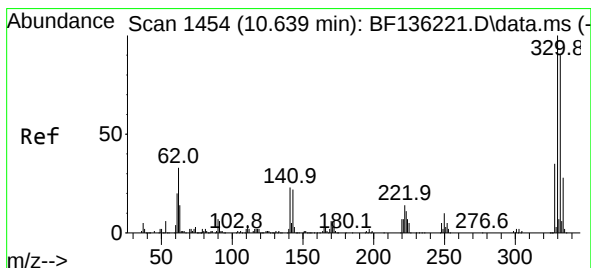
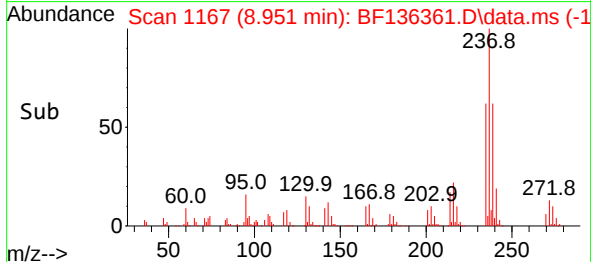
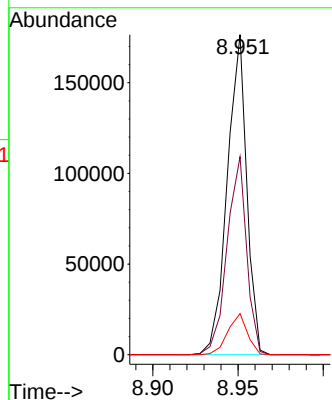
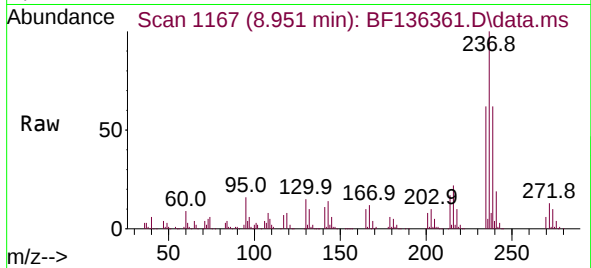




#41  
Hexachlorocyclopentadiene  
Concen: 66.013 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

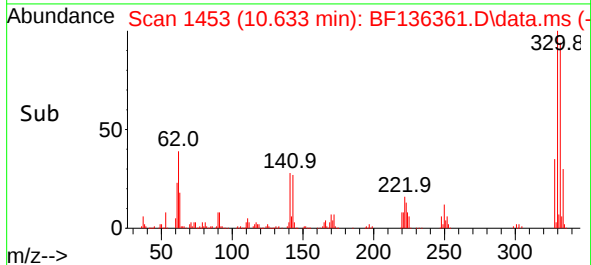
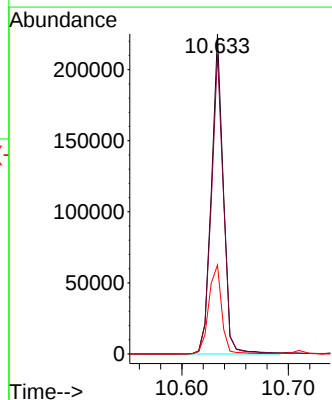
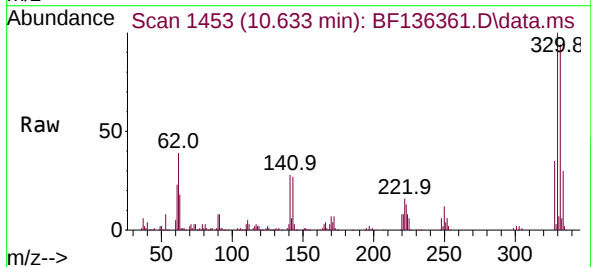
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

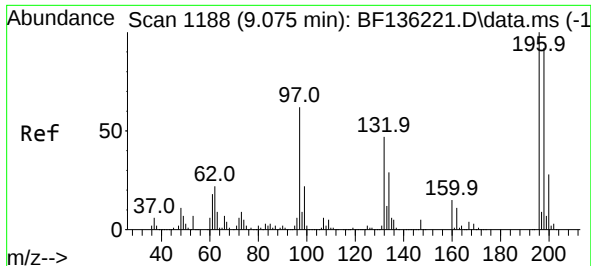
Tgt Ion:237 Resp: 140631  
Ion Ratio Lower Upper  
237 100  
235 61.8 42.1 82.1  
272 12.8 0.0 31.0



#42  
2,4,6-Tribromophenol  
Concen: 82.628 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:330 Resp: 175740  
Ion Ratio Lower Upper  
330 100  
332 95.5 73.0 109.6  
141 30.3 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.583 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

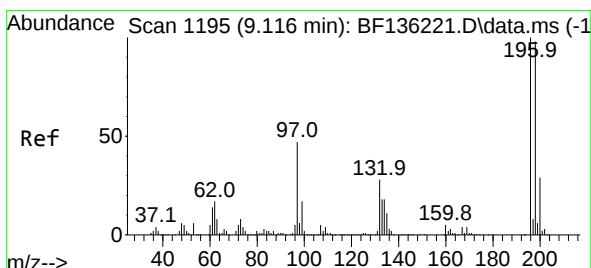
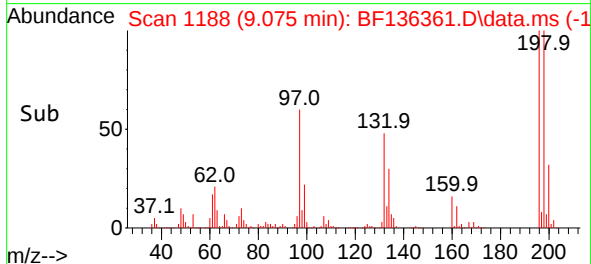
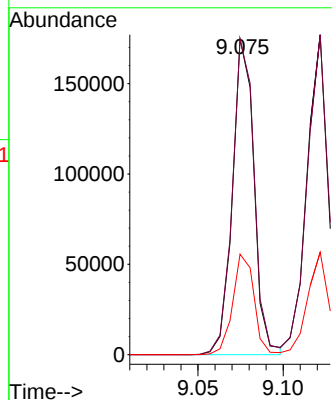
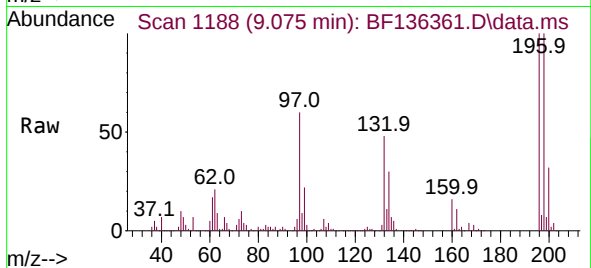
Tgt Ion:196 Resp: 153025

Ion Ratio Lower Upper

196 100

198 99.9 73.2 109.8

200 31.8 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 40.223 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion:196 Resp: 157742

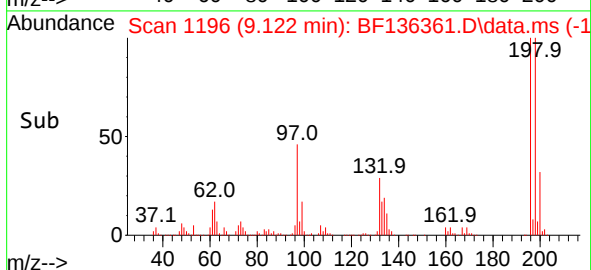
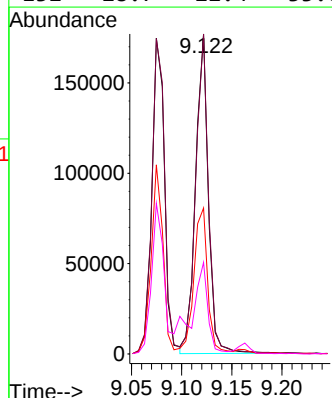
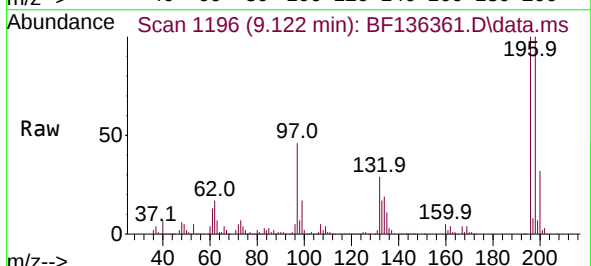
Ion Ratio Lower Upper

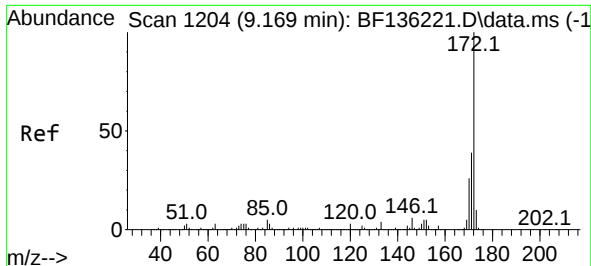
196 100

198 100.1 78.8 118.2

97 45.7 37.8 56.8

132 28.7 22.4 33.6

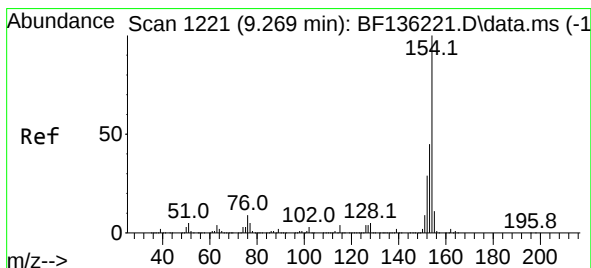
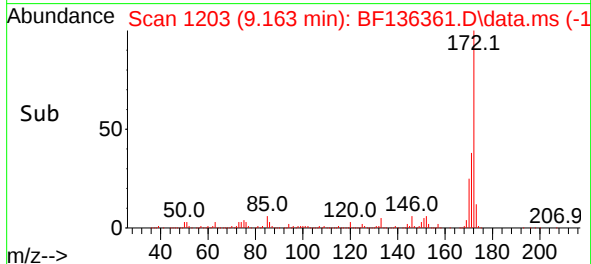
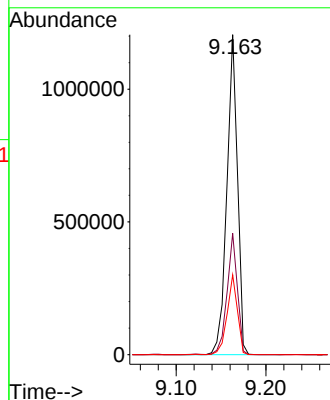
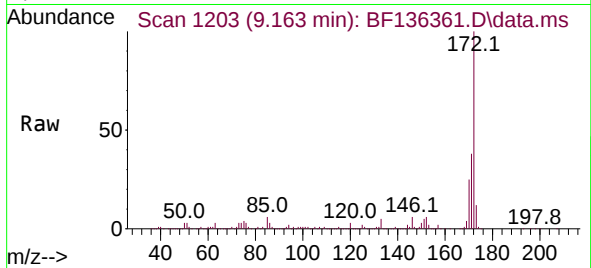




#45  
2-Fluorobiphenyl  
Concen: 72.639 ng  
RT: 9.163 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

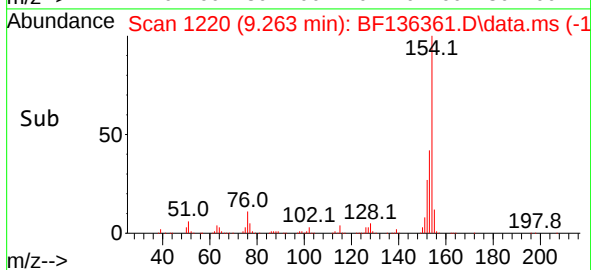
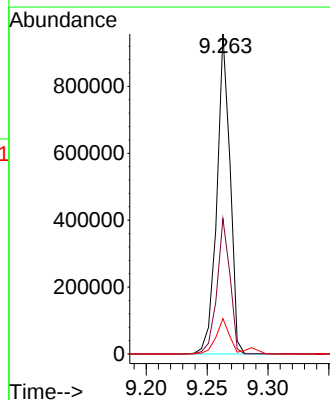
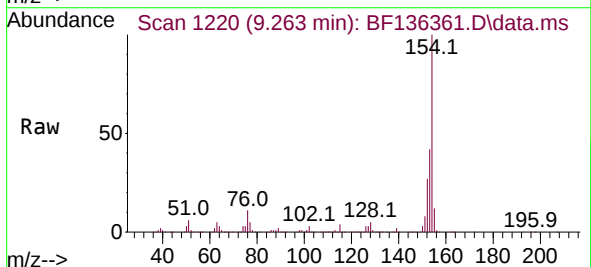
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BNA\_F  
ClientSampleId :  
TP-3MS

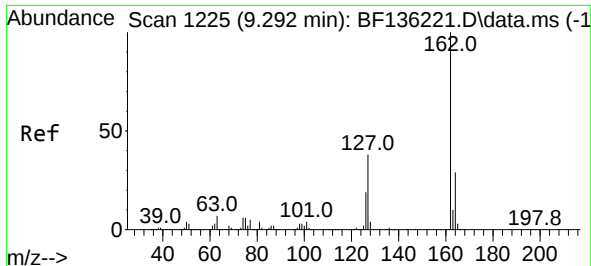
Tgt Ion:172 Resp: 989334  
Ion Ratio Lower Upper  
172 100  
171 37.9 31.5 47.3  
170 24.9 20.8 31.2



#46  
1,1'-Biphenyl  
Concen: 47.027 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:154 Resp: 721450  
Ion Ratio Lower Upper  
154 100  
153 42.3 24.6 64.6  
76 11.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 44.209 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

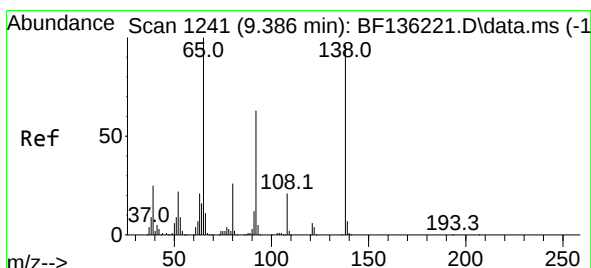
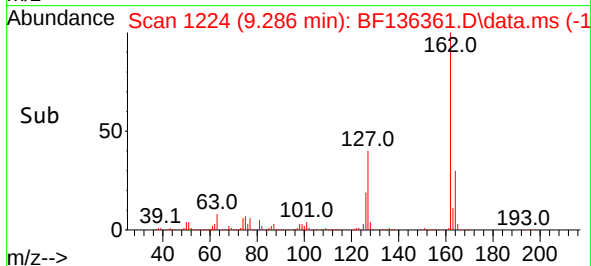
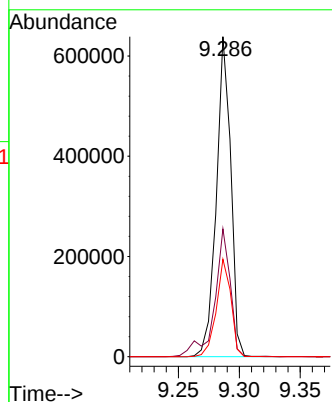
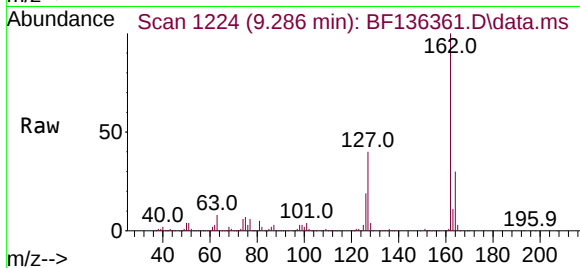
Tgt Ion:162 Resp: 526692

Ion Ratio Lower Upper

162 100

127 40.0 30.2 45.2

164 30.5 22.8 34.2



#48

2-Nitroaniline

Concen: 42.236 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

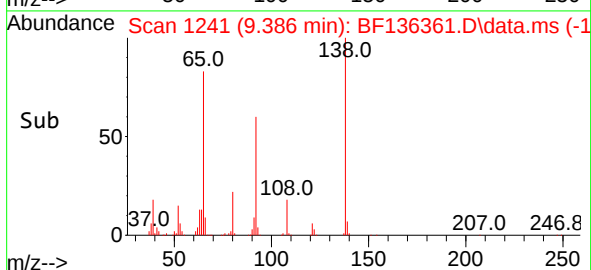
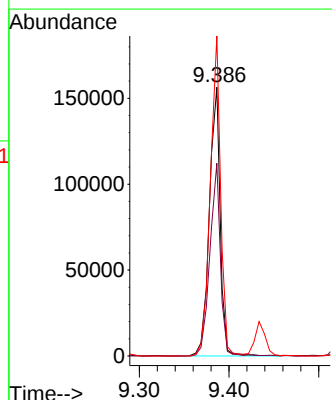
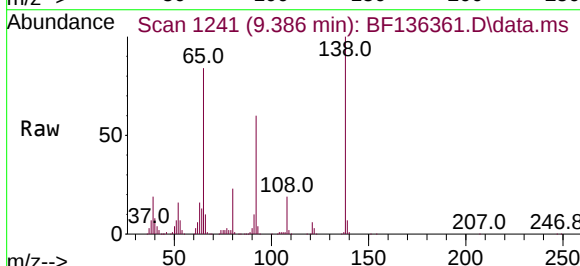
Tgt Ion: 65 Resp: 131376

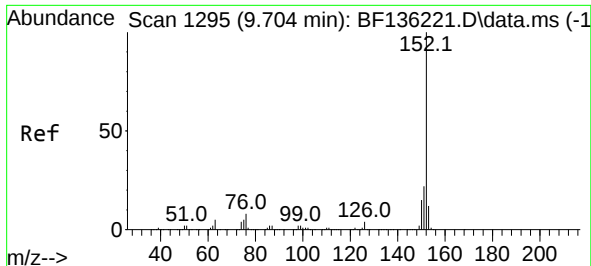
Ion Ratio Lower Upper

65 100

92 71.7 50.6 75.8

138 119.1 76.7 115.1#

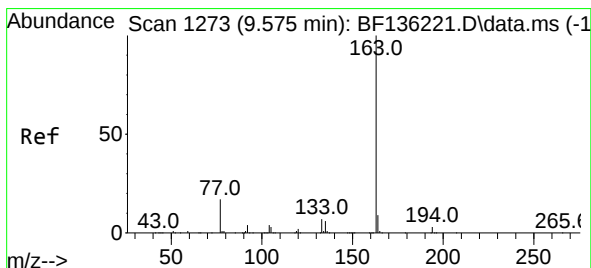
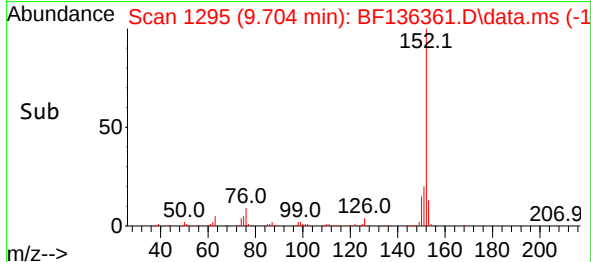
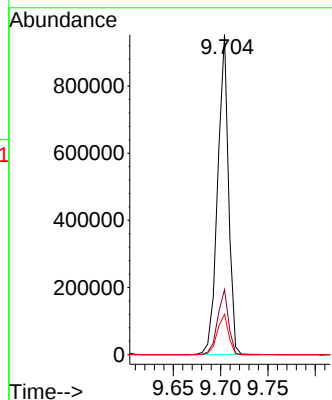
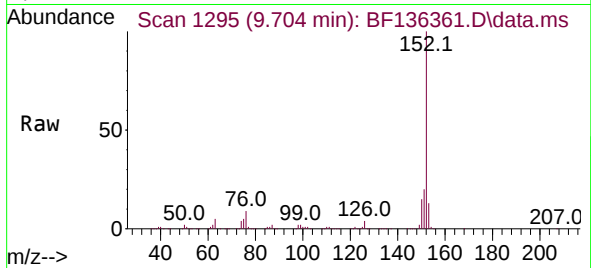




#49  
Acenaphthylene  
Concen: 44.783 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

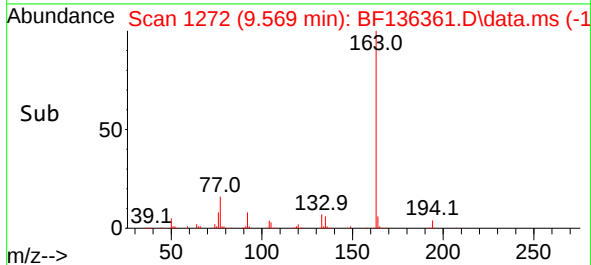
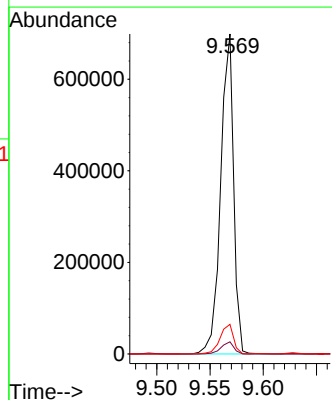
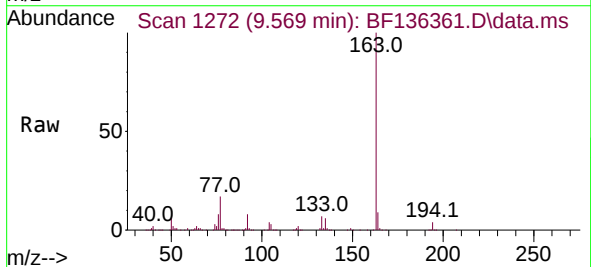
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

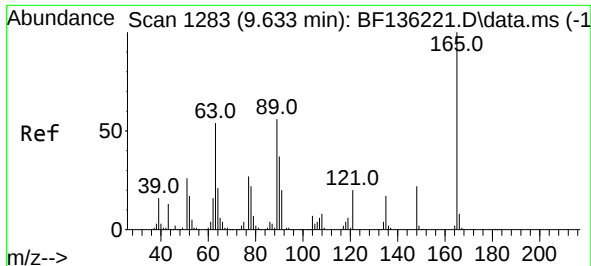
Tgt Ion:152 Resp: 761399  
Ion Ratio Lower Upper  
152 100  
151 20.4 17.5 26.3  
153 12.6 9.6 14.4



#50  
Dimethylphthalate  
Concen: 44.727 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:163 Resp: 588111  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.5 3.7#  
164 9.2 7.0 10.6

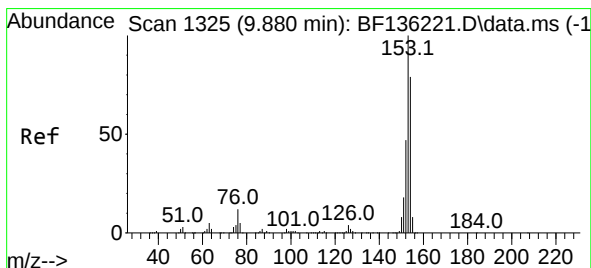
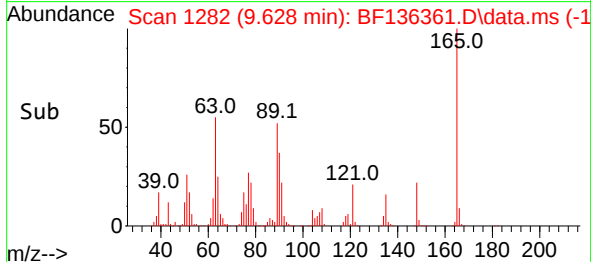
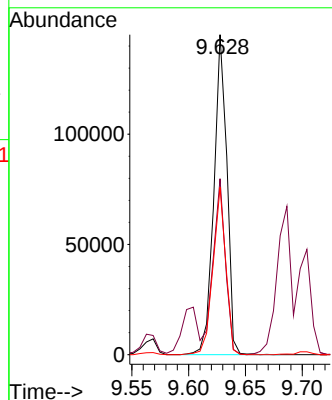
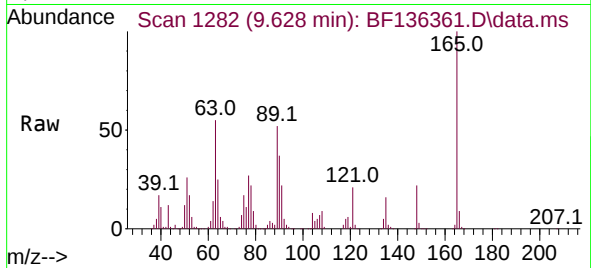




#51  
2,6-Dinitrotoluene  
Concen: 42.972 ng  
RT: 9.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

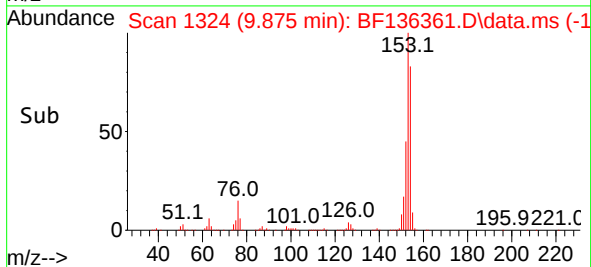
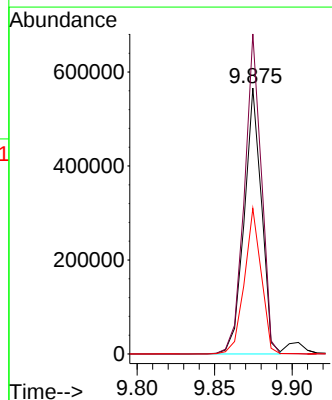
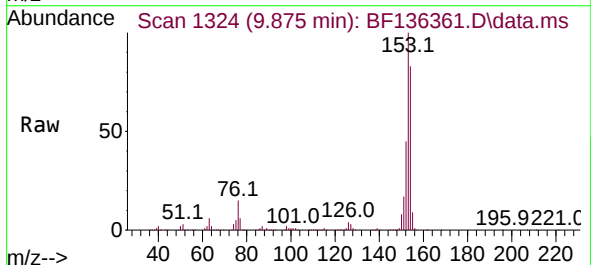
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

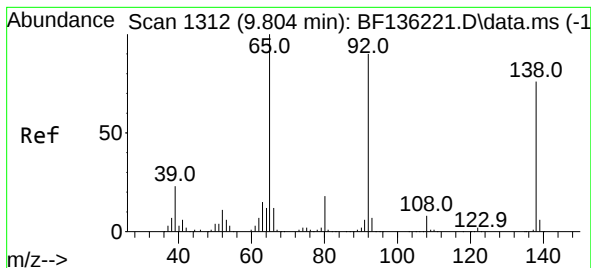
Tgt Ion:165 Resp: 115431  
Ion Ratio Lower Upper  
165 100  
63 55.0 46.2 69.2  
89 52.3 44.9 67.3



#52  
Acenaphthene  
Concen: 40.944 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:154 Resp: 439914  
Ion Ratio Lower Upper  
154 100  
153 120.3 100.8 151.2  
152 54.7 47.0 70.6





#53

3-Nitroaniline

Concen: 31.528 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

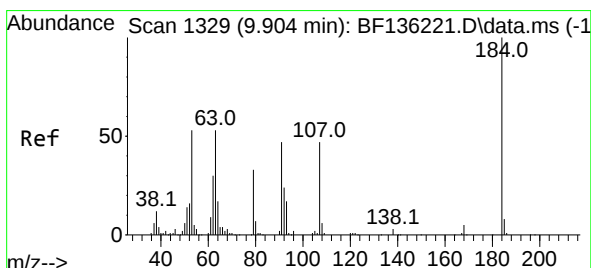
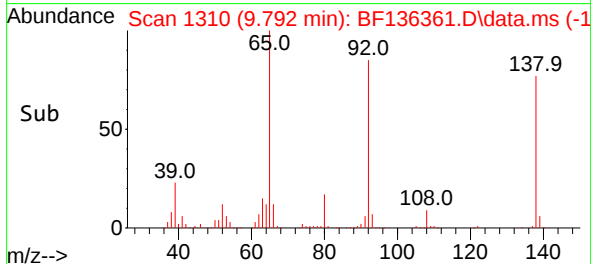
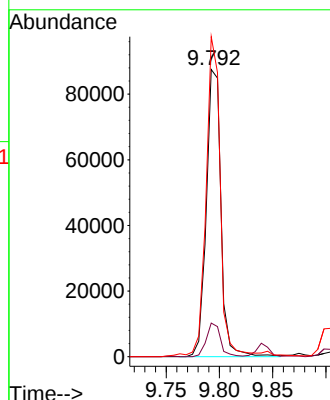
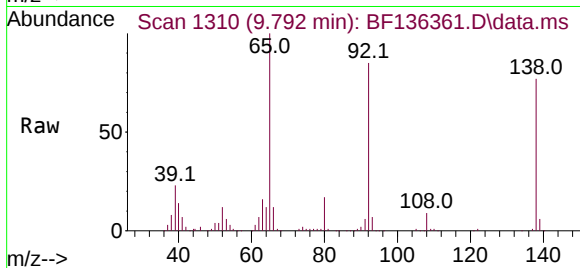
Tgt Ion:138 Resp: 84033

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

92 111.4 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 26.840 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

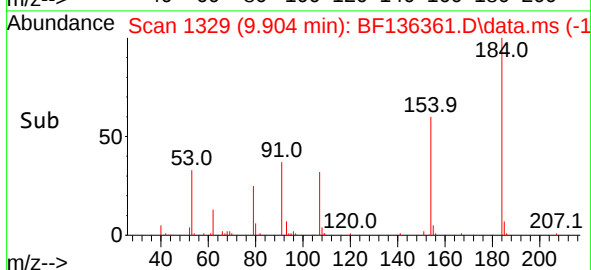
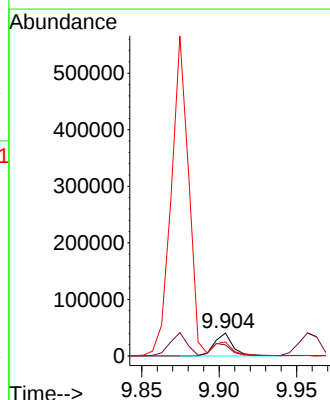
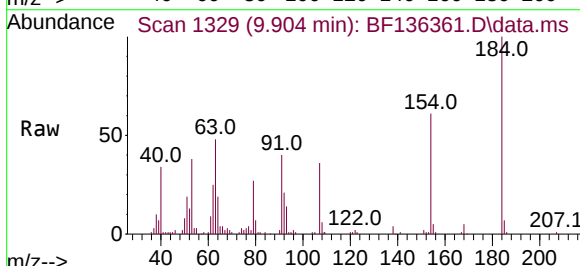
Tgt Ion:184 Resp: 33531

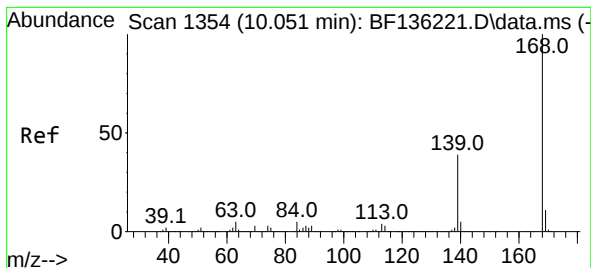
Ion Ratio Lower Upper

184 100

63 48.5 55.0 82.4#

154 60.7 54.9 82.3





#55

Dibenzofuran

Concen: 40.193 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

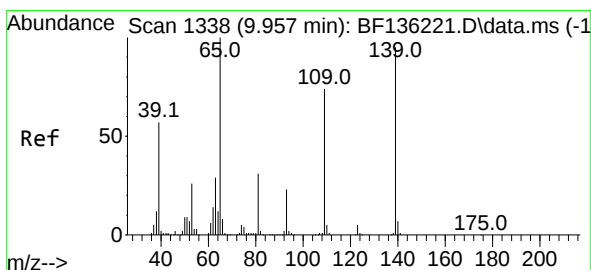
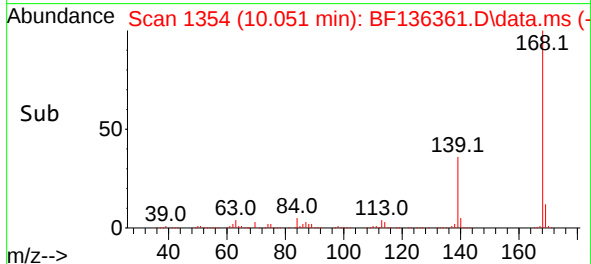
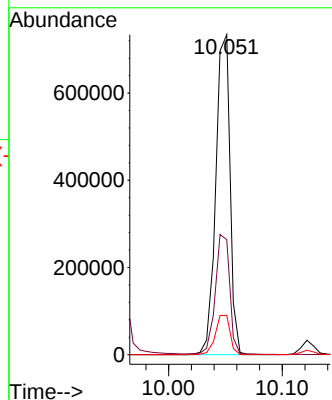
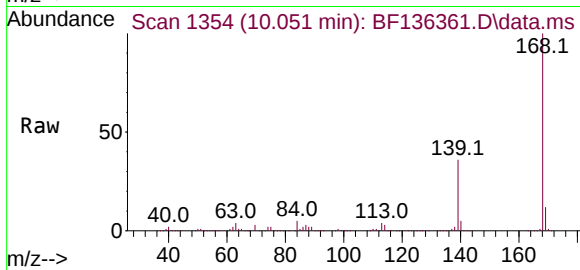
Tgt Ion:168 Resp: 642592

Ion Ratio Lower Upper

168 100

139 36.0 30.9 46.3

169 12.3 9.1 13.7



#56

4-Nitrophenol

Concen: 75.442 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

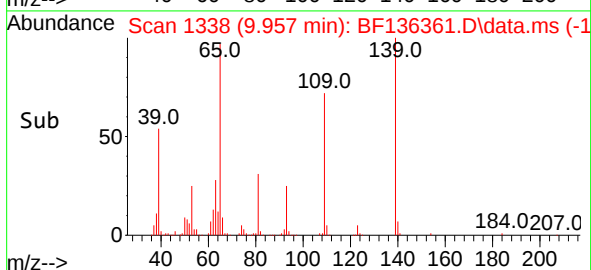
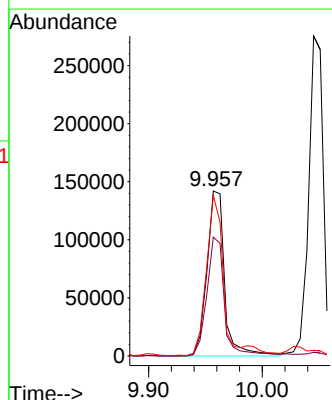
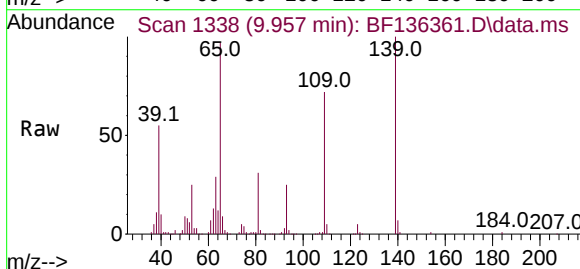
Tgt Ion:139 Resp: 152718

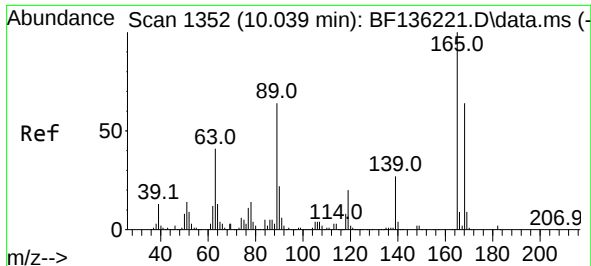
Ion Ratio Lower Upper

139 100

109 72.1 57.8 97.8

65 97.3 86.0 126.0

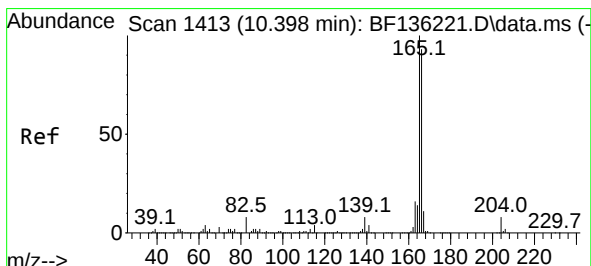
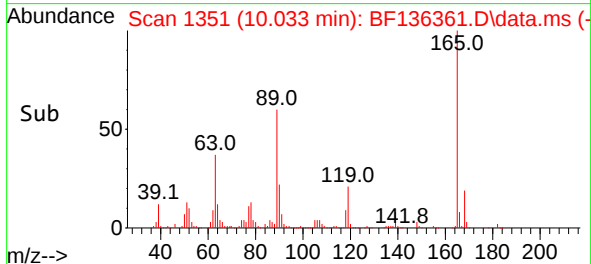
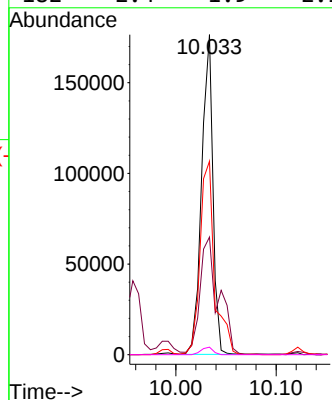
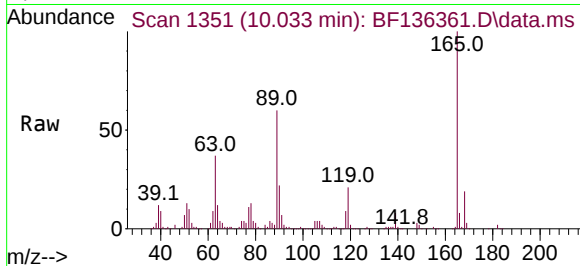




#57  
2,4-Dinitrotoluene  
Concen: 38.469 ng  
RT: 10.033 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

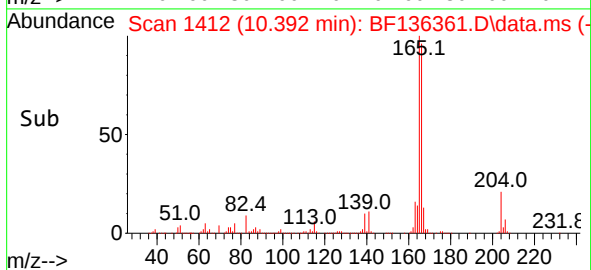
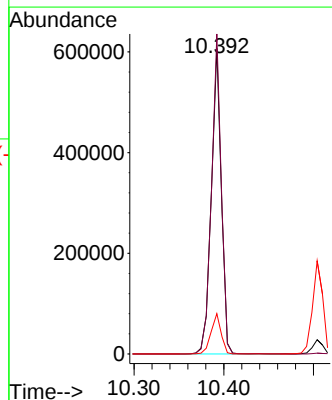
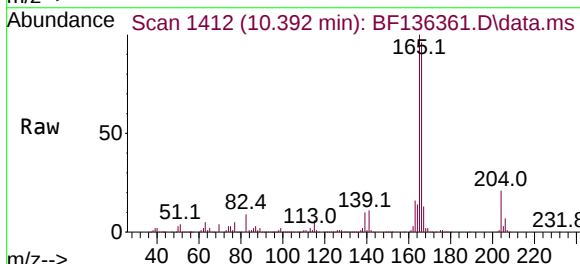
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

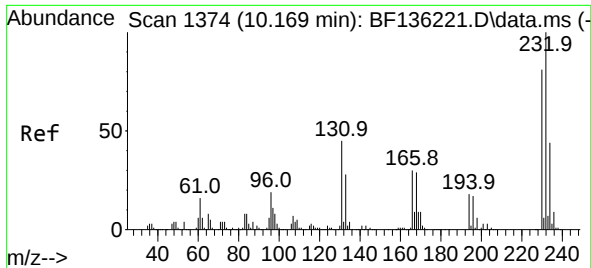
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:165 | Resp: | 138032 |       |
| Ion         | Ratio | Lower  | Upper |
| 165         | 100   |        |       |
| 63          | 36.8  | 33.0   | 49.4  |
| 89          | 60.4  | 51.5   | 77.3  |
| 182         | 2.4   | 1.9    | 2.9   |



#58  
Fluorene  
Concen: 37.461 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:166 | Resp: | 469780 |       |
| Ion         | Ratio | Lower  | Upper |
| 166         | 100   |        |       |
| 165         | 104.7 | 86.2   | 129.4 |
| 167         | 13.2  | 9.1    | 13.7  |

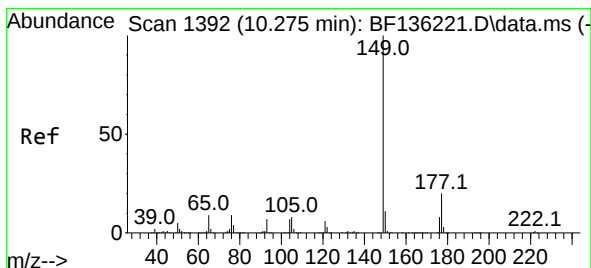
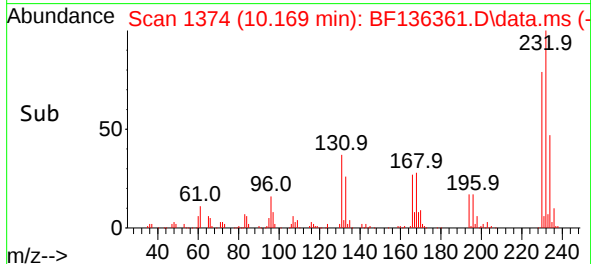
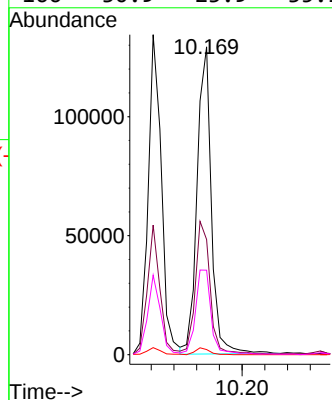
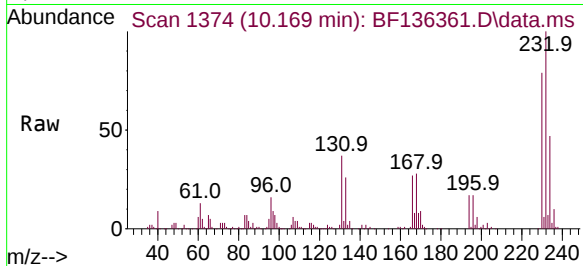




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.194 ng  
RT: 10.169 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

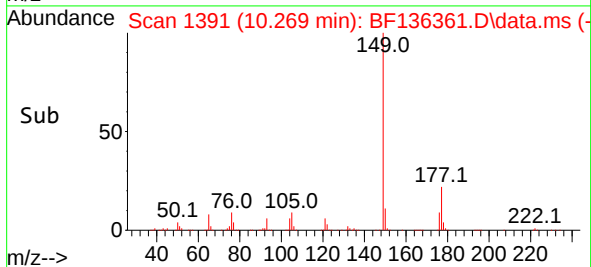
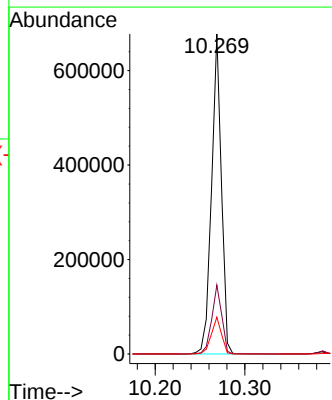
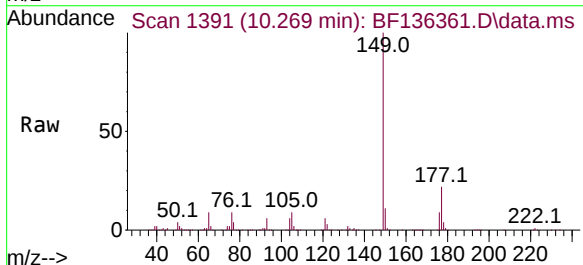
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

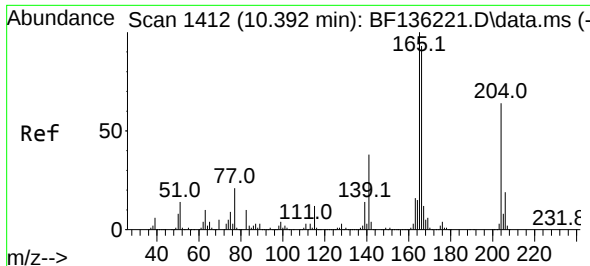
Tgt Ion:232 Resp: 112934  
Ion Ratio Lower Upper  
232 100  
131 44.4 36.4 54.6  
130 2.2 1.9 2.9  
166 30.9 23.9 35.9



#60  
Diethylphthalate  
Concen: 39.193 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:149 Resp: 515508  
Ion Ratio Lower Upper  
149 100  
177 21.5 15.8 23.6  
150 11.5 8.8 13.2

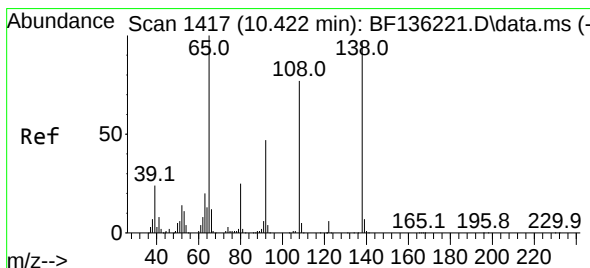
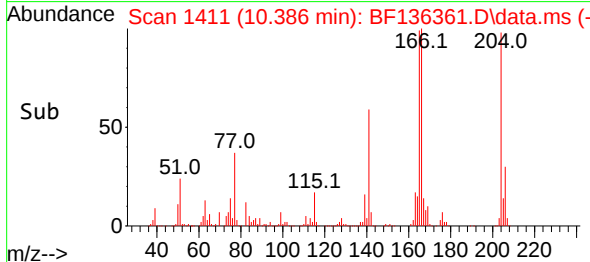
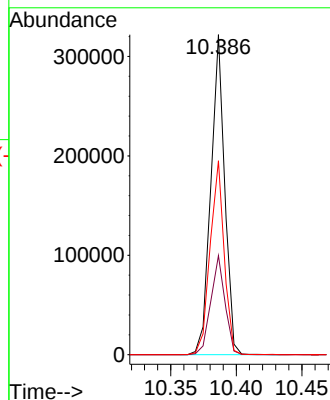
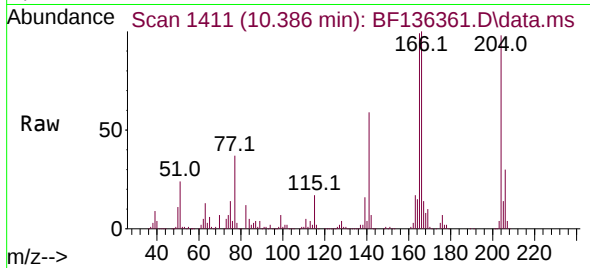




#61  
4-Chlorophenyl-phenylether  
Concen: 38.876 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

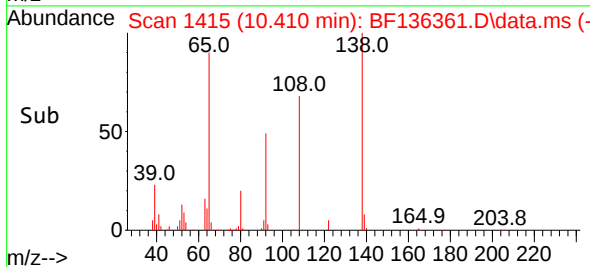
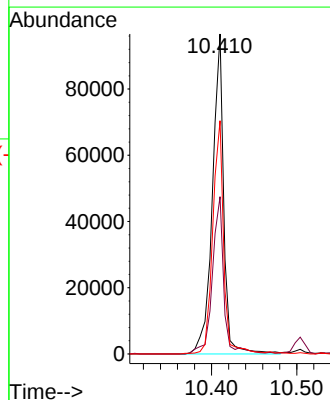
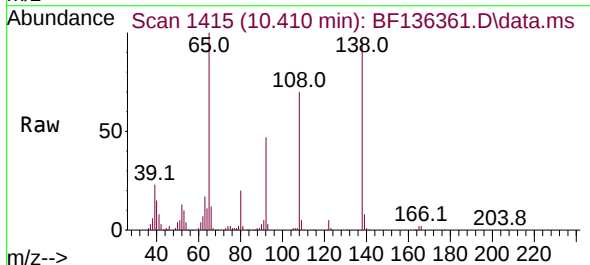
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

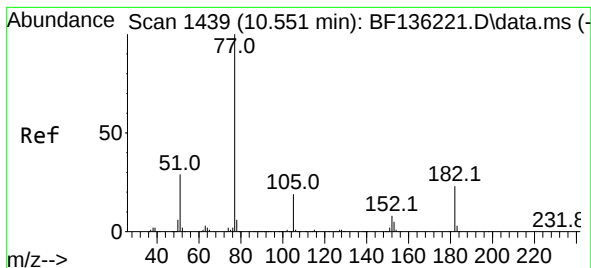
Tgt Ion:204 Resp: 236763  
Ion Ratio Lower Upper  
204 100  
206 31.0 23.4 35.0  
141 60.6 47.6 71.4



#62  
4-Nitroaniline  
Concen: 34.474 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:138 Resp: 89941  
Ion Ratio Lower Upper  
138 100  
92 49.2 28.5 68.5  
108 72.9 59.8 99.8





#63

Azobenzene

Concen: 35.962 ng

RT: 10.545 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

Tgt Ion: 77 Resp: 438510

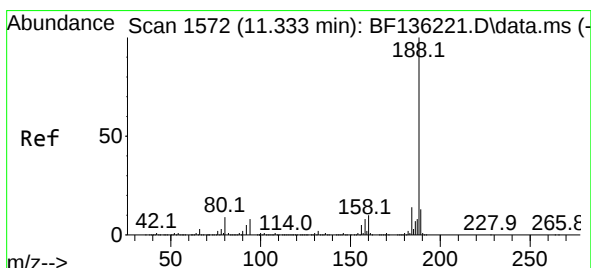
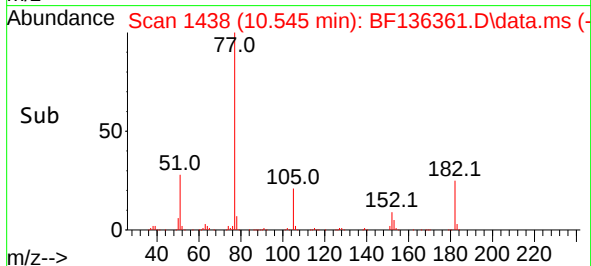
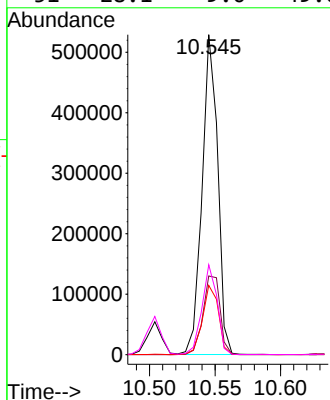
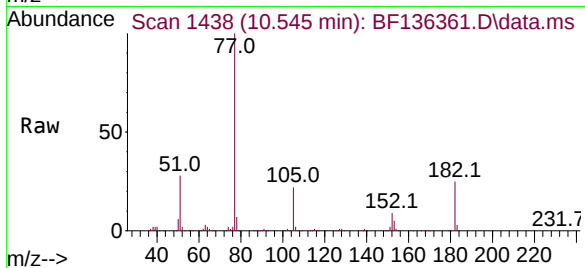
Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 21.6 0.0 39.5

51 28.1 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

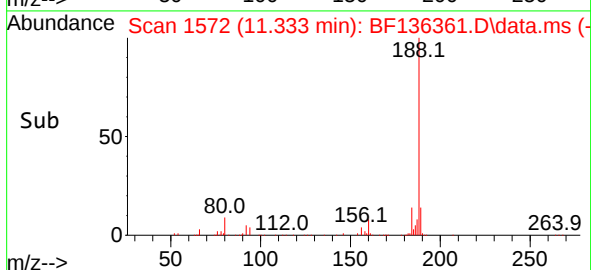
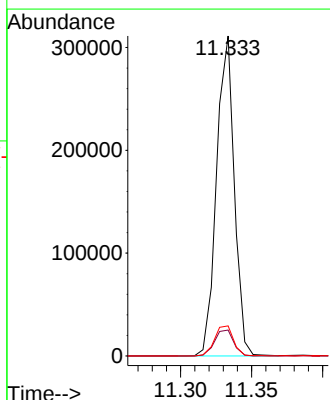
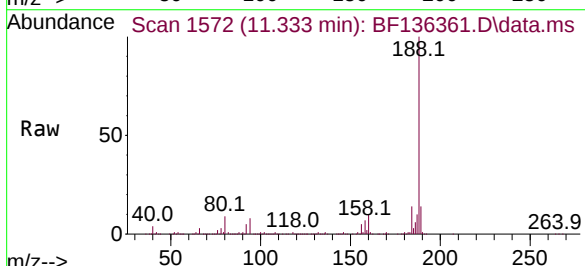
Tgt Ion: 188 Resp: 269823

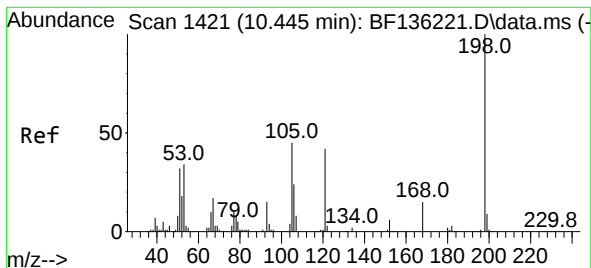
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 9.4 7.2 10.8

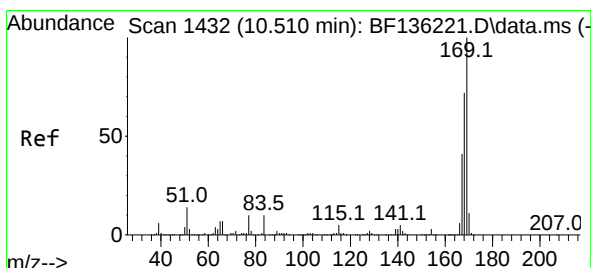
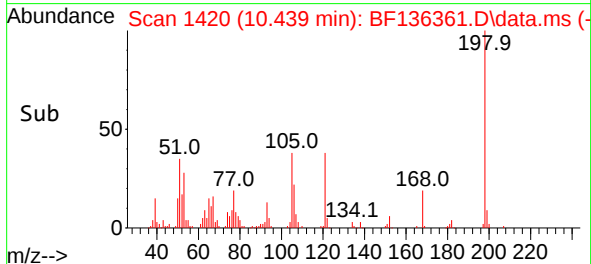
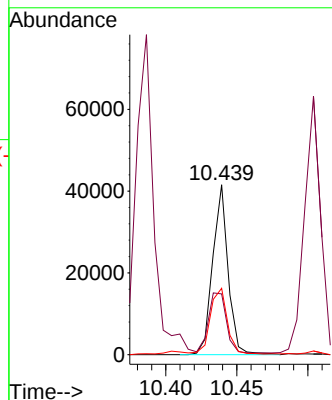
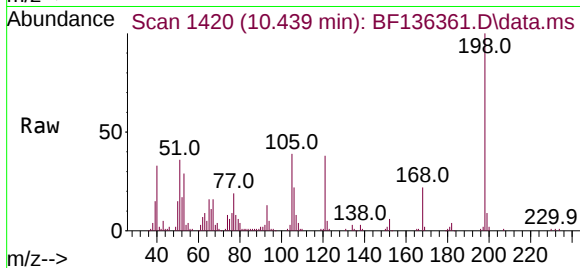




#65  
4,6-Dinitro-2-methylphenol  
Concen: 21.273 ng  
RT: 10.439 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

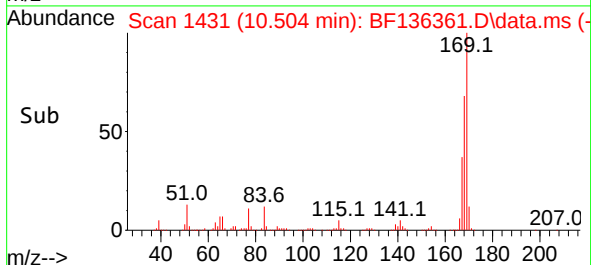
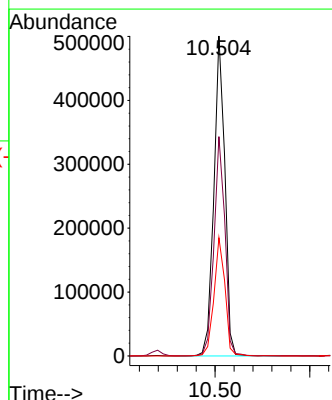
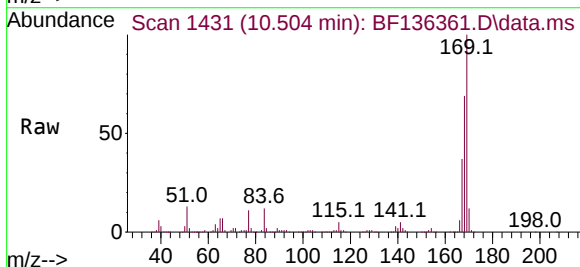
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

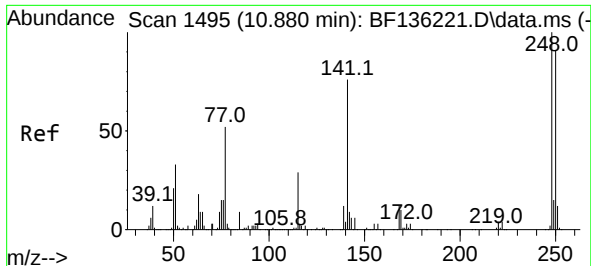
Tgt Ion:198 Resp: 31389  
Ion Ratio Lower Upper  
198 100  
51 35.8 28.2 68.2  
105 39.1 25.7 65.7



#66  
n-Nitrosodiphenylamine  
Concen: 46.384 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:169 Resp: 401078  
Ion Ratio Lower Upper  
169 100  
168 68.5 57.8 86.6  
167 36.9 32.7 49.1

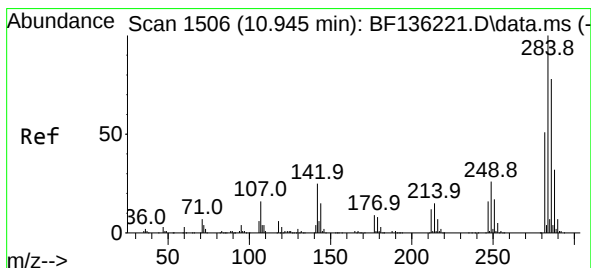
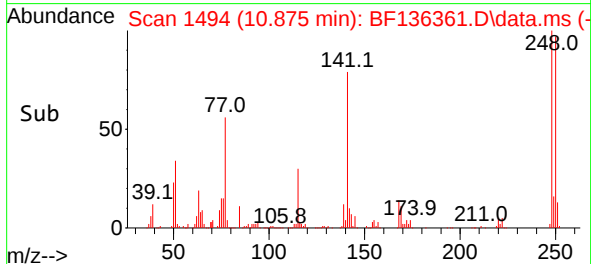
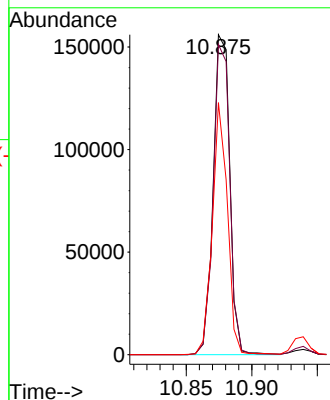
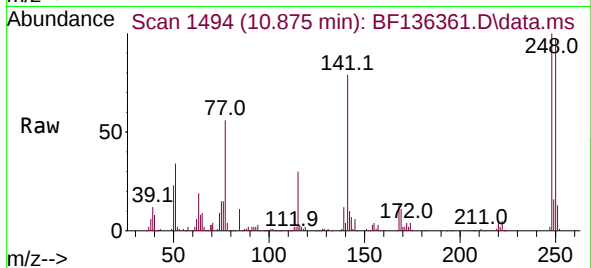




#67  
4-Bromophenyl-phenylether  
Concen: 43.587 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

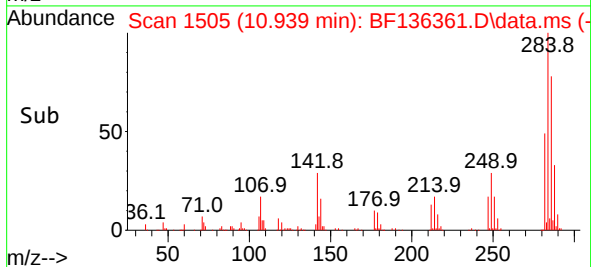
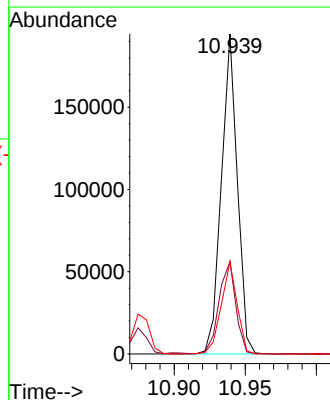
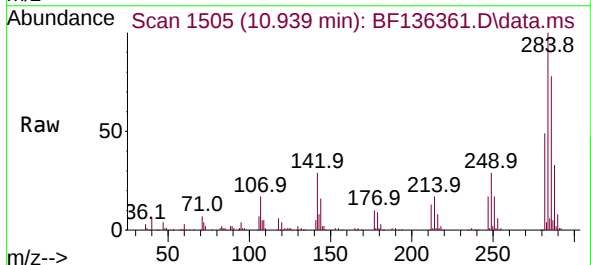
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

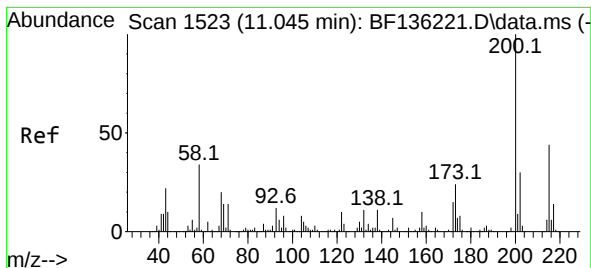
Tgt Ion:248 Resp: 137208  
Ion Ratio Lower Upper  
248 100  
250 97.0 72.5 108.7  
141 78.7 60.8 91.2



#68  
Hexachlorobenzene  
Concen: 41.671 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:284 Resp: 151819  
Ion Ratio Lower Upper  
284 100  
142 28.8 19.8 29.8  
249 28.8 21.0 31.4





#69

Atrazine

Concen: 50.432 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.012 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

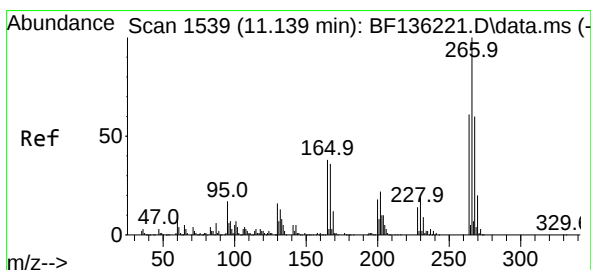
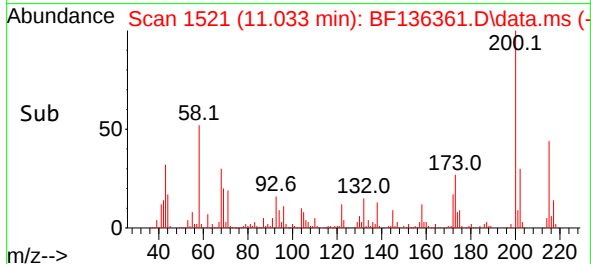
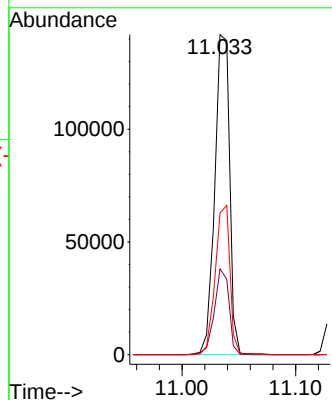
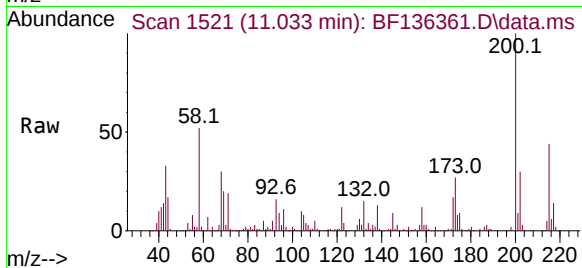
Tgt Ion:200 Resp: 129361

Ion Ratio Lower Upper

200 100

173 26.8 4.3 44.3

215 44.3 23.8 63.8



#70

Pentachlorophenol

Concen: 83.992 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

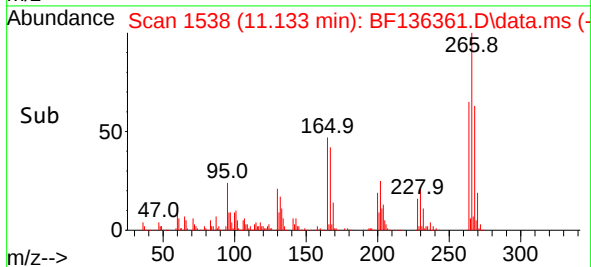
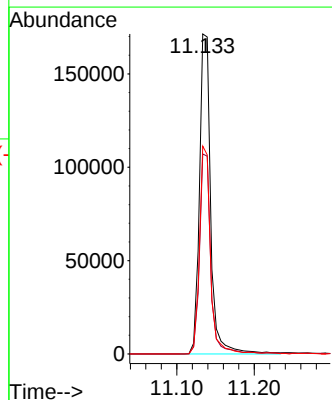
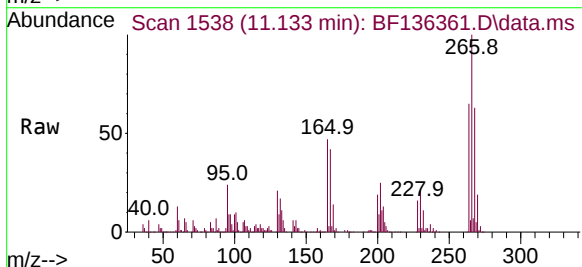
Tgt Ion:266 Resp: 172973

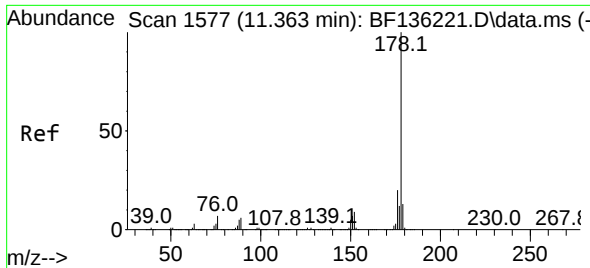
Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

264 65.0 49.1 73.7

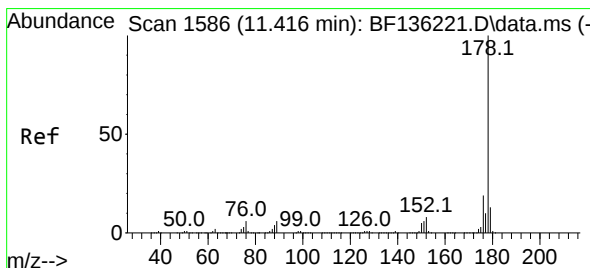
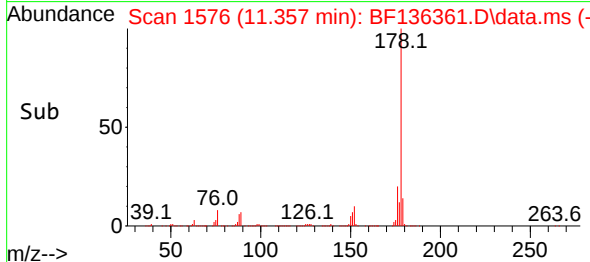
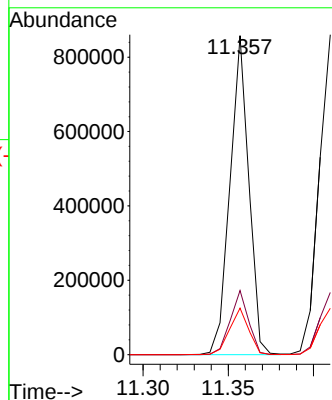
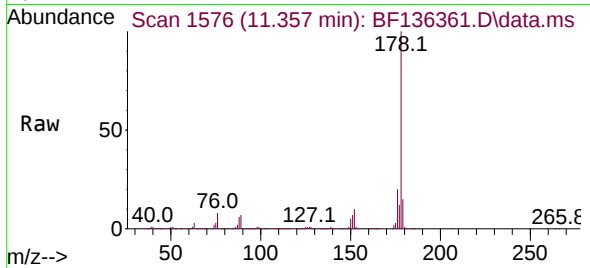




#71  
Phenanthrene  
Concen: 43.440 ng  
RT: 11.357 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

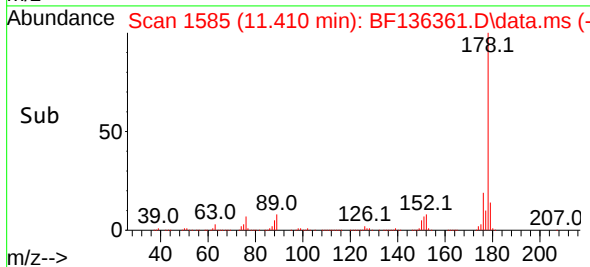
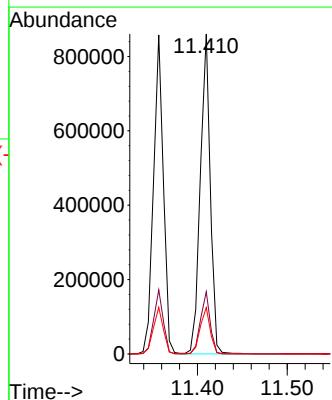
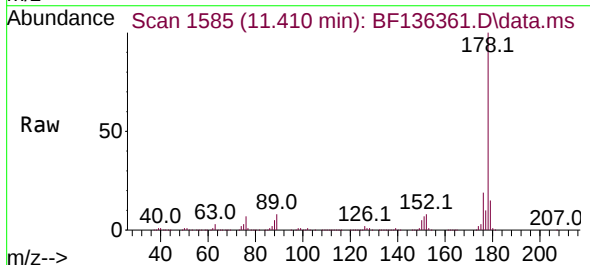
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

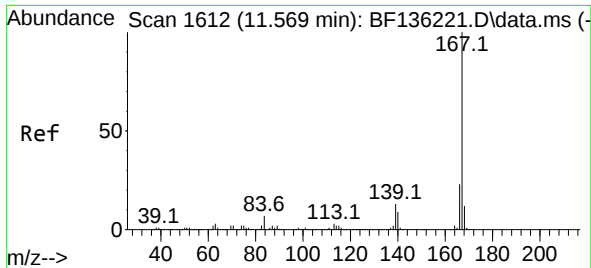
Tgt Ion:178 Resp: 658773  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.2 24.2  
179 14.6 10.3 15.5



#72  
Anthracene  
Concen: 43.796 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:178 Resp: 666052  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 14.5 10.5 15.7

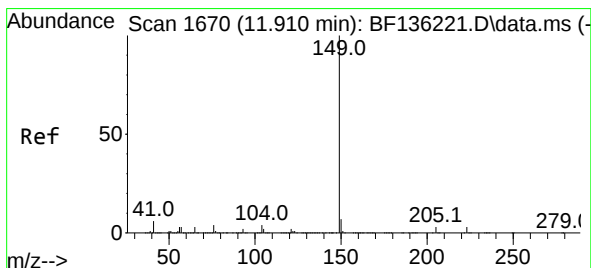
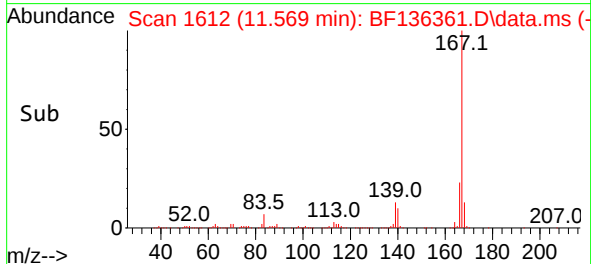
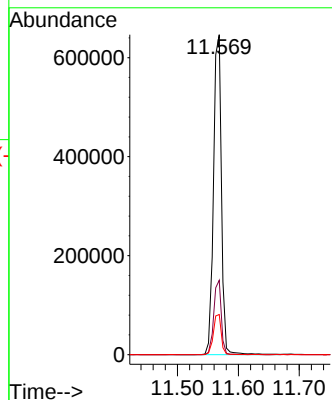
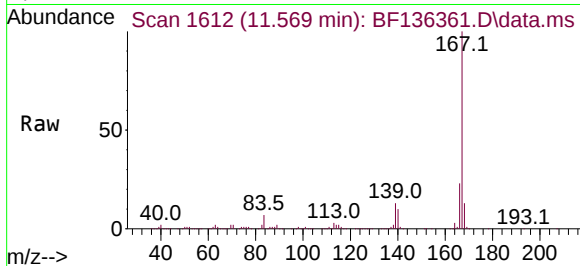




#73  
 Carbazole  
 Concen: 45.441 ng  
 RT: 11.569 min Scan# 1612  
 Delta R.T. 0.000 min  
 Lab File: BF136361.D  
 Acq: 02 Dec 2023 05:10

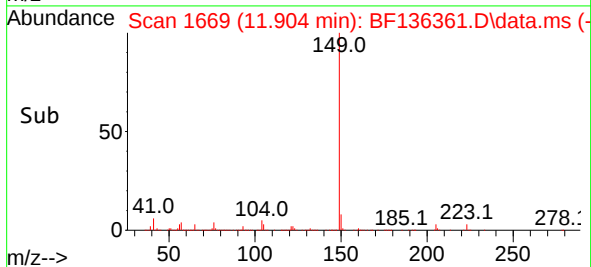
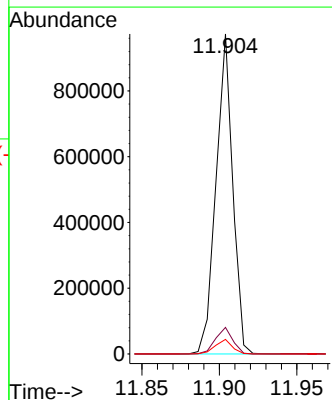
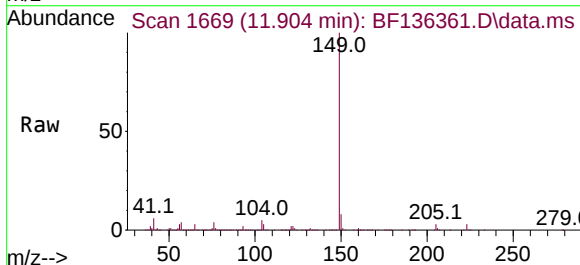
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MS

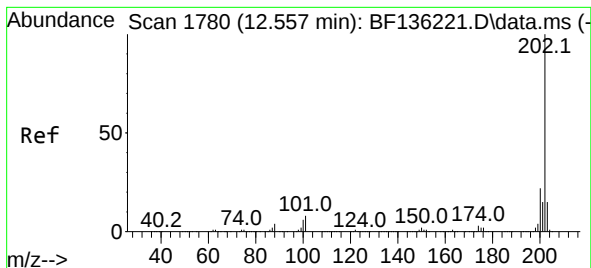
Tgt Ion:167 Resp: 587764  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 18.4 27.6  
 139 12.5 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 45.035 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF136361.D  
 Acq: 02 Dec 2023 05:10

Tgt Ion:149 Resp: 728844  
 Ion Ratio Lower Upper  
 149 100  
 150 8.3 6.0 9.0  
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 49.939 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

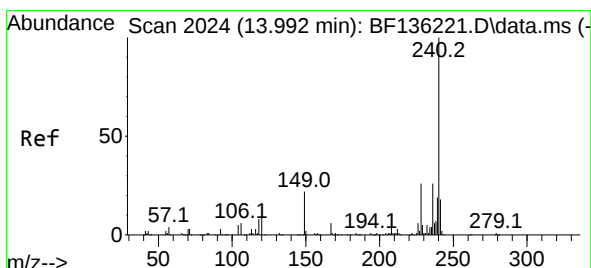
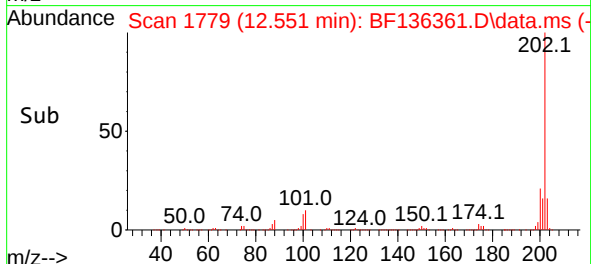
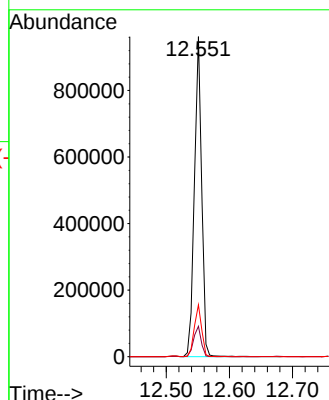
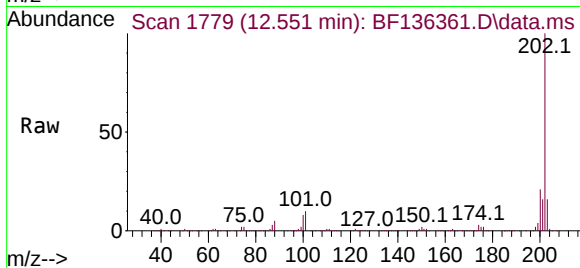
Tgt Ion:202 Resp: 768827

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.8

203 16.2 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

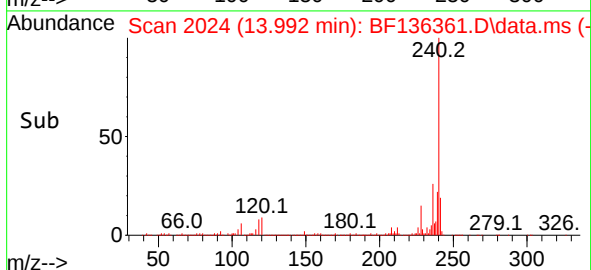
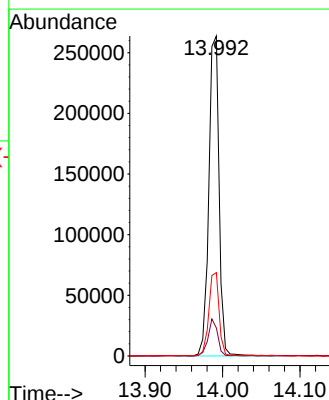
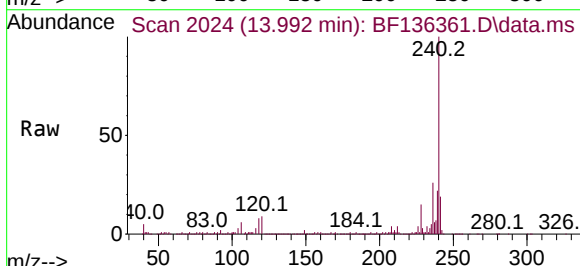
Tgt Ion:240 Resp: 242813

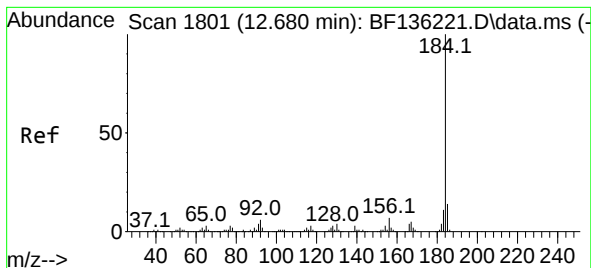
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.2

236 26.0 21.1 31.7





#77

Benzidine

Concen: 43.757 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

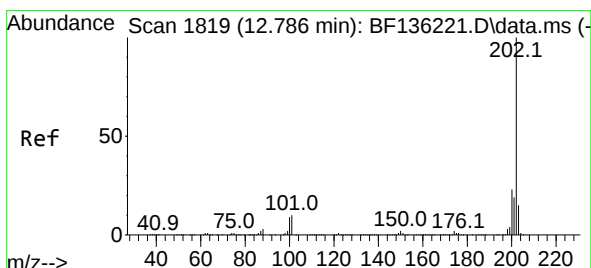
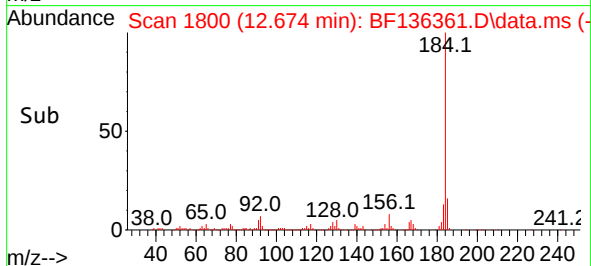
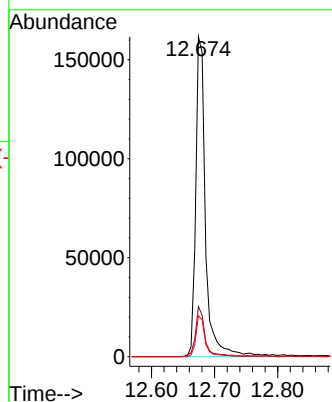
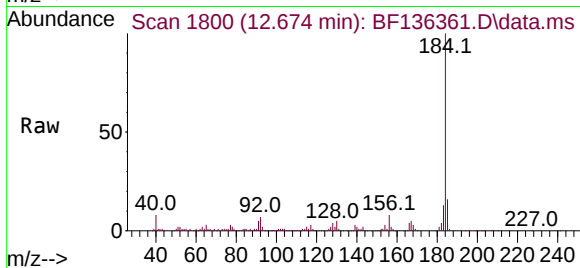
Tgt Ion:184 Resp: 174654

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.6

183 12.8 9.0 13.4



#78

Pyrene

Concen: 29.419 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

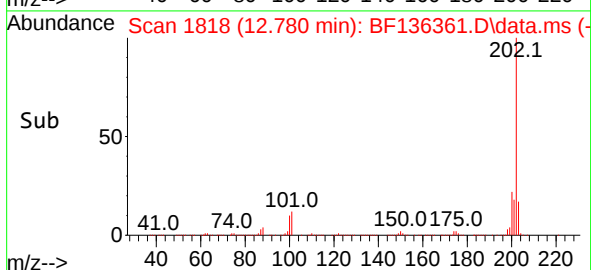
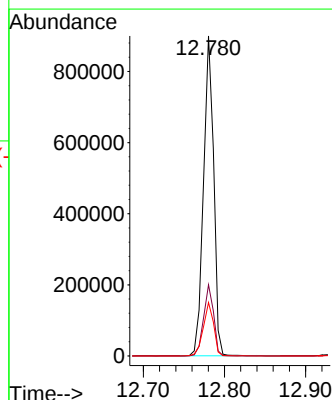
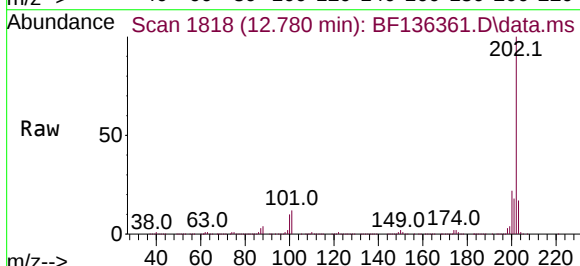
Tgt Ion:202 Resp: 782320

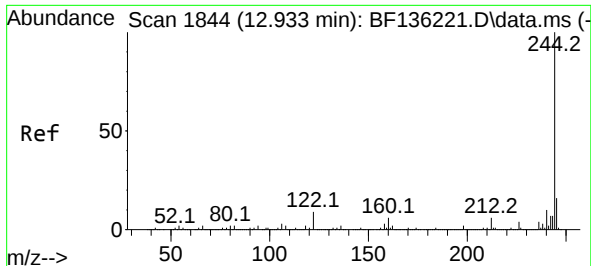
Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

203 16.7 11.8 17.6





#79

Terphenyl-d14

Concen: 44.329 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

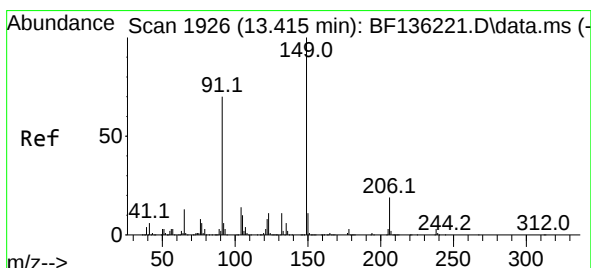
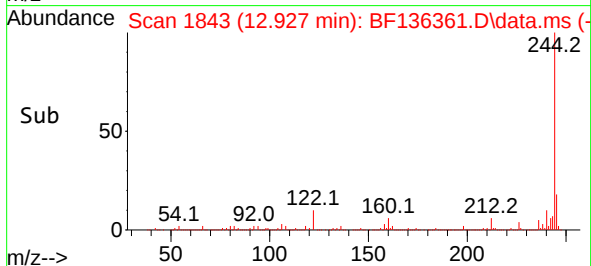
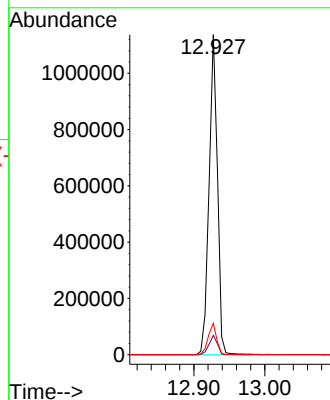
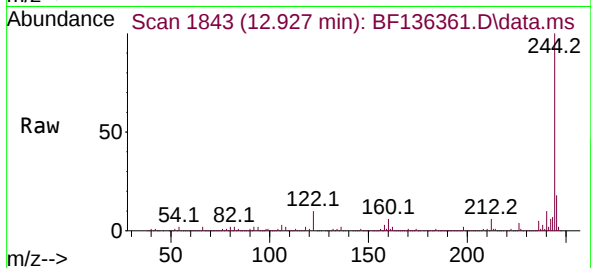
Tgt Ion:244 Resp: 933149

Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 40.283 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

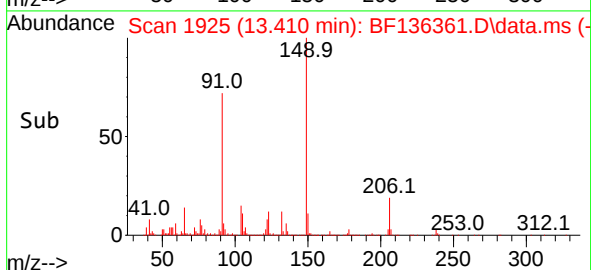
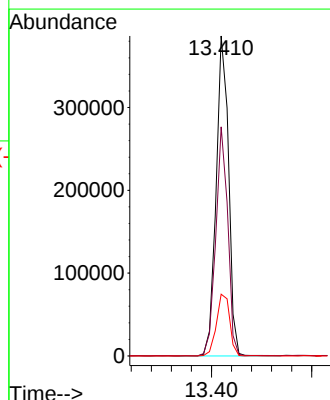
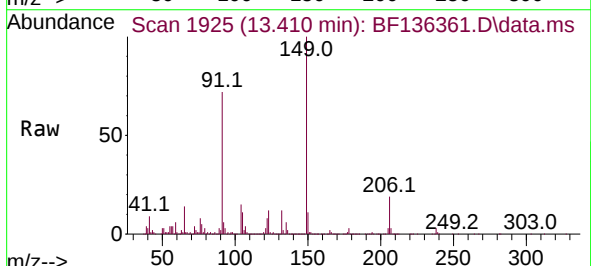
Tgt Ion:149 Resp: 333390

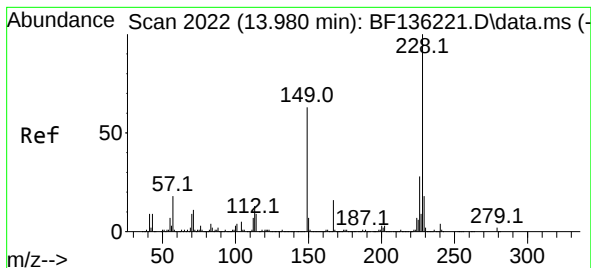
Ion Ratio Lower Upper

149 100

91 71.6 56.4 84.6

206 19.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.209 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

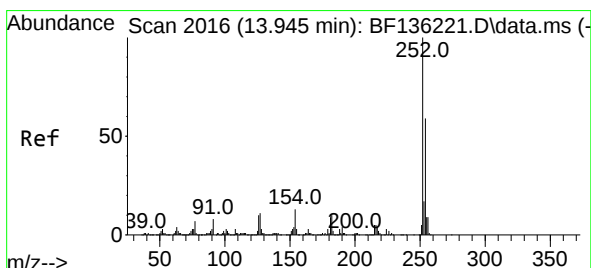
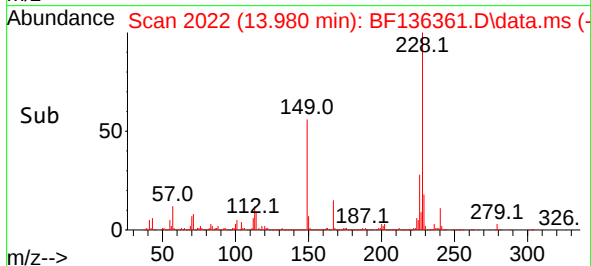
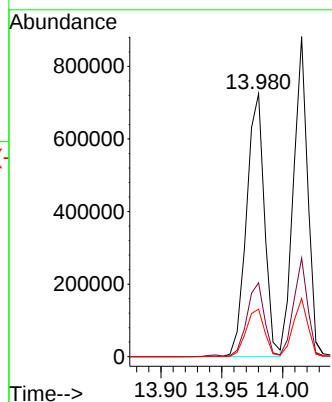
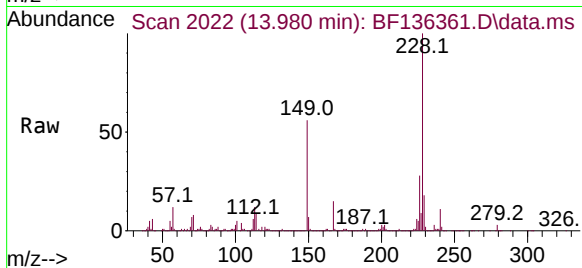
Tgt Ion:228 Resp: 743211

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 55.646 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

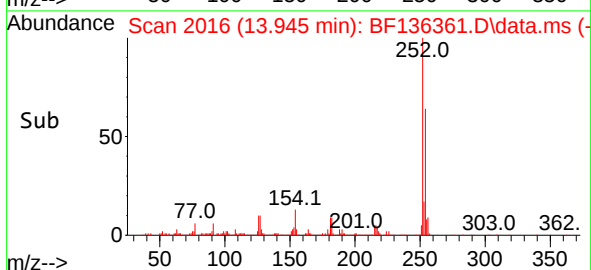
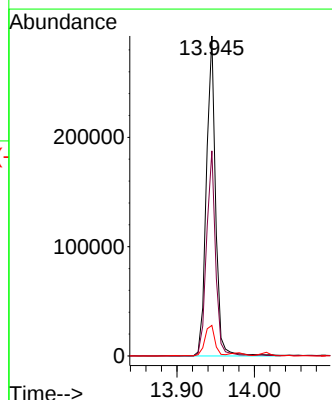
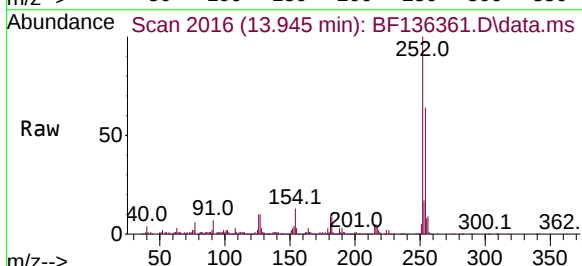
Tgt Ion:252 Resp: 241580

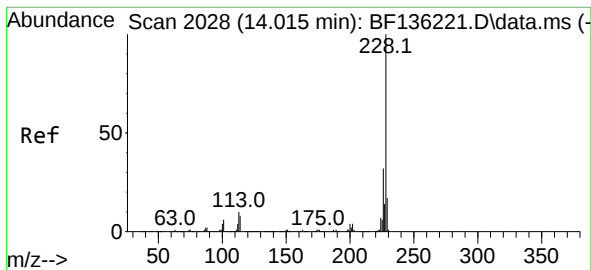
Ion Ratio Lower Upper

252 100

254 64.1 47.4 71.2

126 9.5 8.3 12.5





#83

Chrysene

Concen: 41.232 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

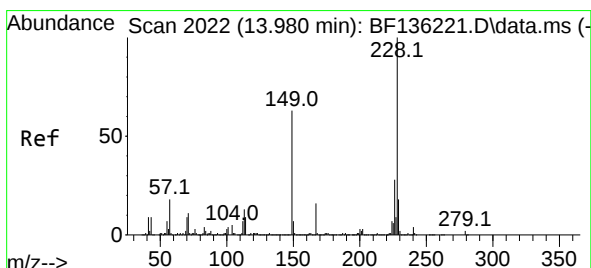
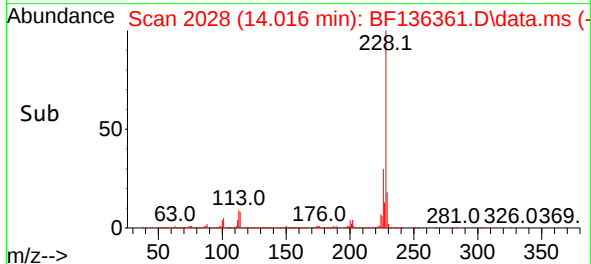
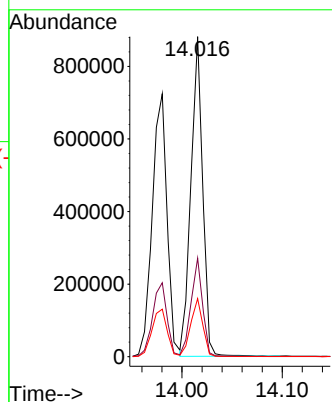
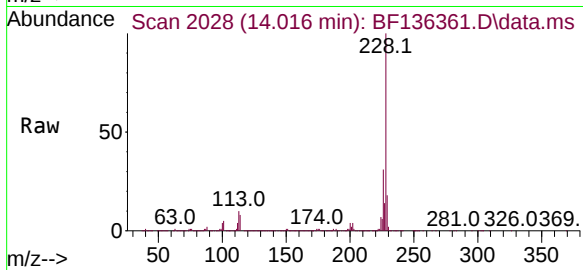
Tgt Ion:228 Resp: 718011

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.047 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

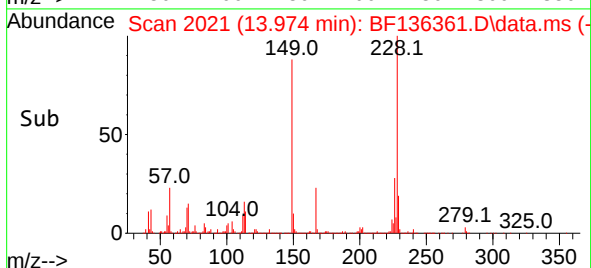
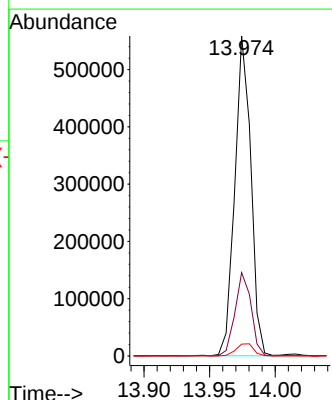
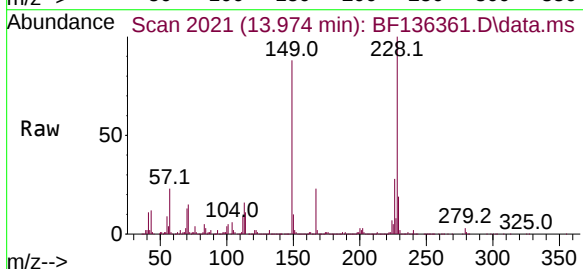
Tgt Ion:149 Resp: 477224

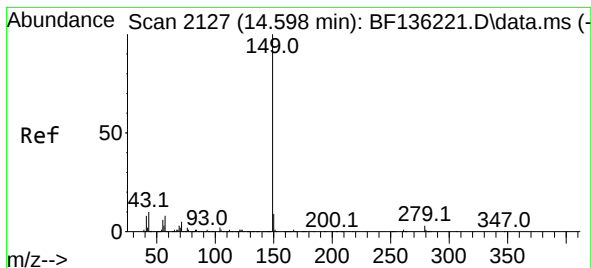
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.2

279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 55.211 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

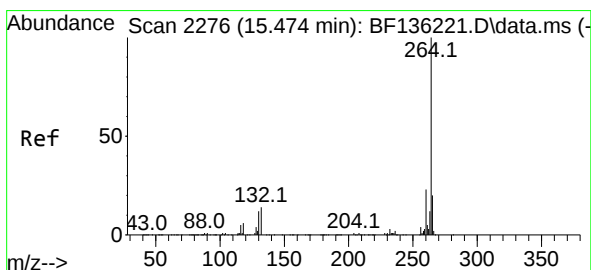
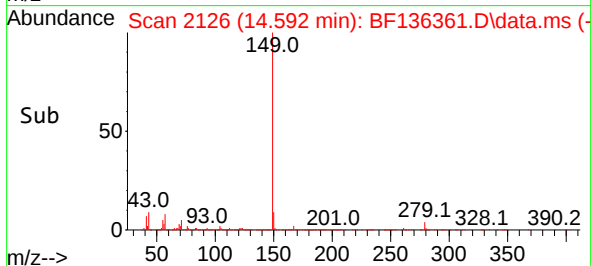
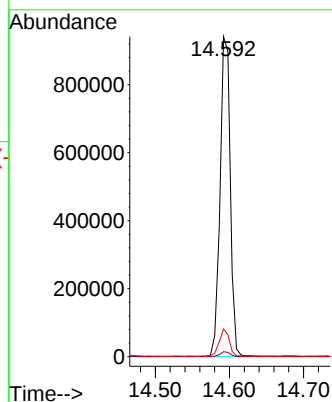
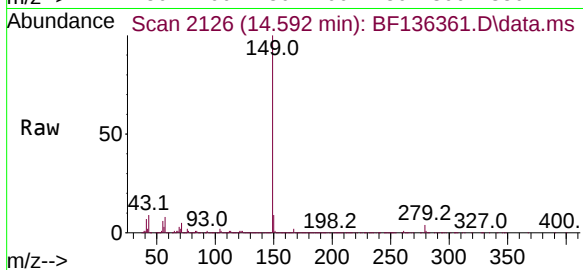
Tgt Ion:149 Resp: 904648

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

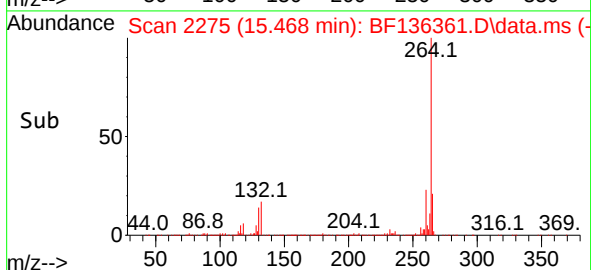
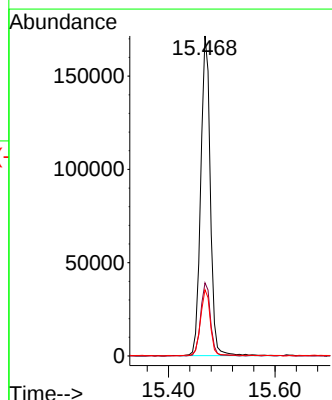
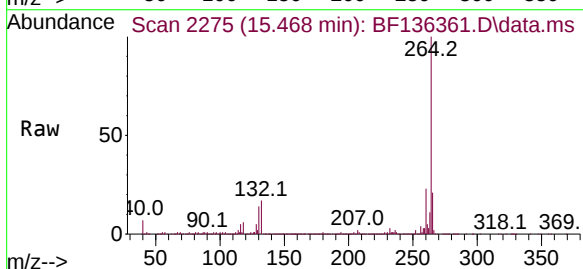
Tgt Ion:264 Resp: 213921

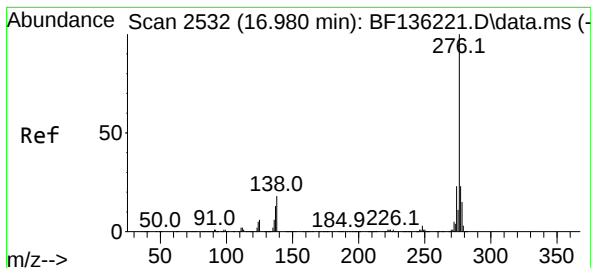
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.7 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.153 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

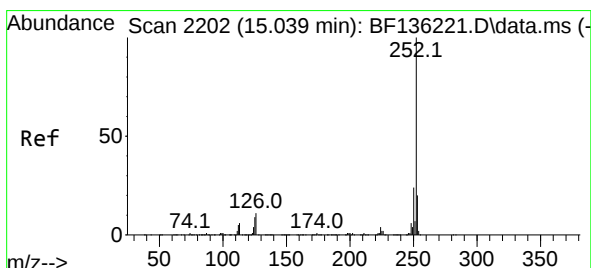
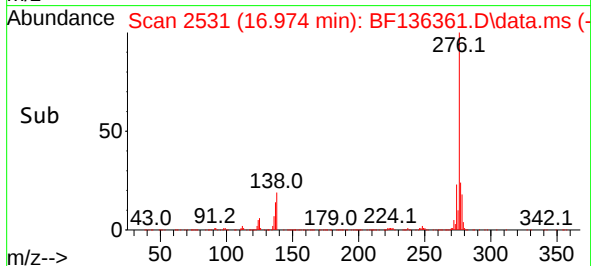
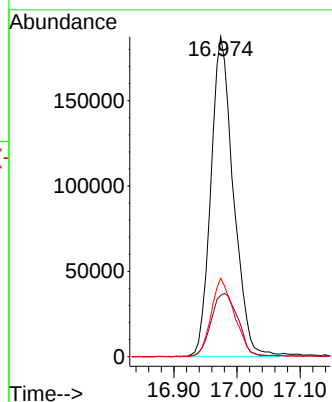
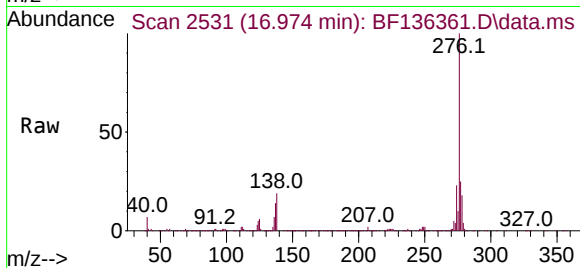
Tgt Ion:276 Resp: 465285

Ion Ratio Lower Upper

276 100

138 23.8 17.7 26.5

277 25.2 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 44.401 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

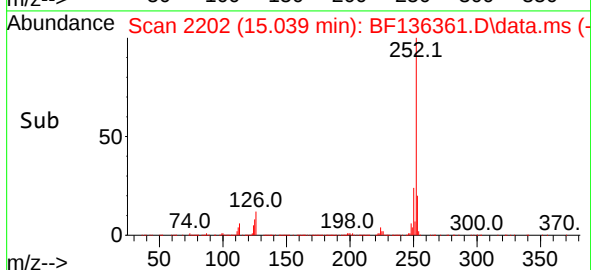
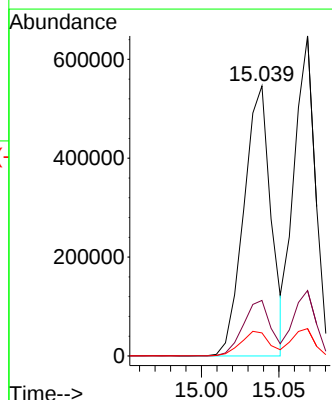
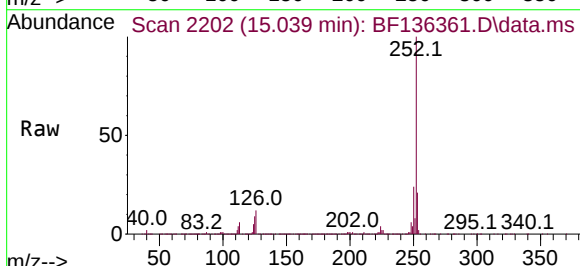
Tgt Ion:252 Resp: 666384

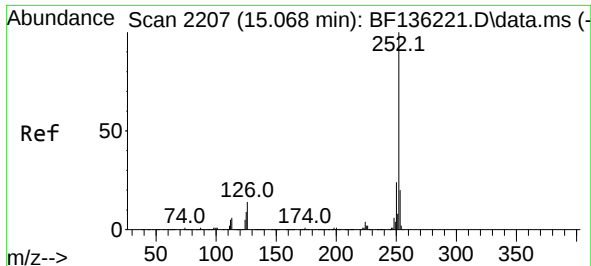
Ion Ratio Lower Upper

252 100

253 20.5 16.2 24.2

125 8.5 6.9 10.3

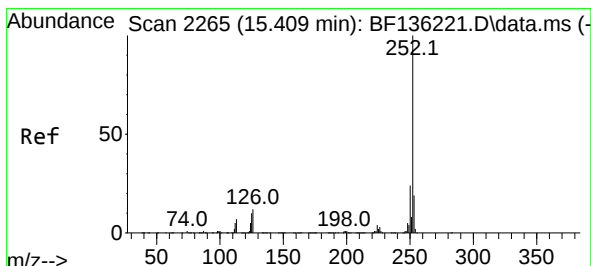
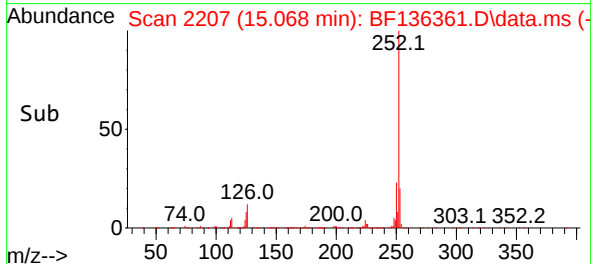
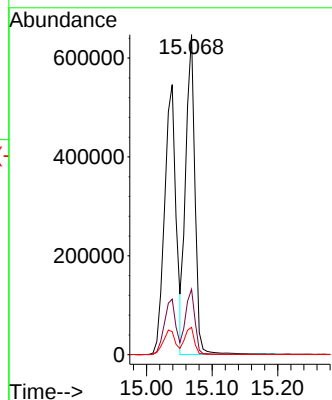
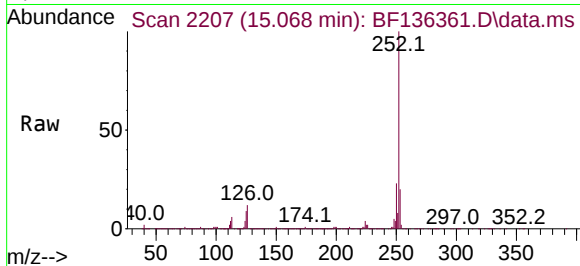




#89  
Benzo(k)fluoranthene  
Concen: 44.132 ng  
RT: 15.068 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

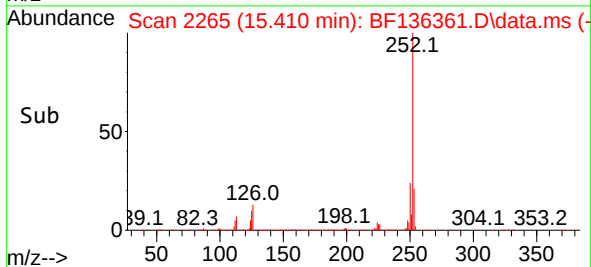
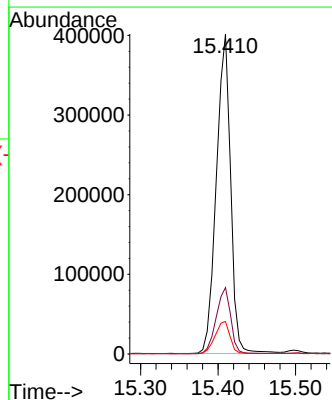
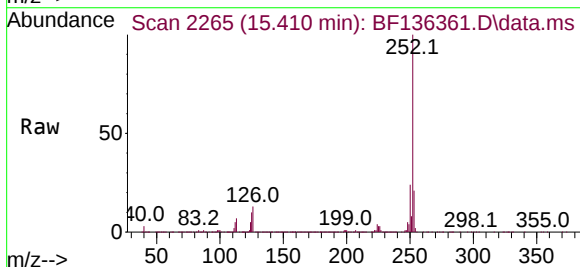
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

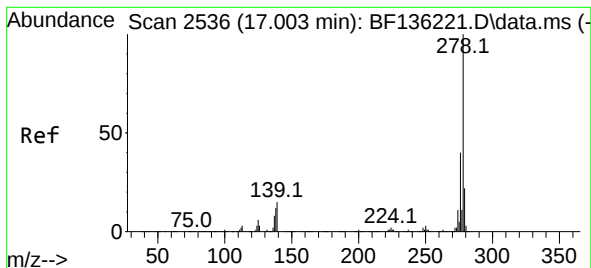
Tgt Ion:252 Resp: 629070  
Ion Ratio Lower Upper  
252 100  
253 20.5 15.6 23.4  
125 8.5 7.0 10.4



#90  
Benzo(a)pyrene  
Concen: 41.763 ng  
RT: 15.410 min Scan# 2265  
Delta R.T. 0.001 min  
Lab File: BF136361.D  
Acq: 02 Dec 2023 05:10

Tgt Ion:252 Resp: 512393  
Ion Ratio Lower Upper  
252 100  
253 20.7 15.5 23.3  
125 10.2 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 31.673 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

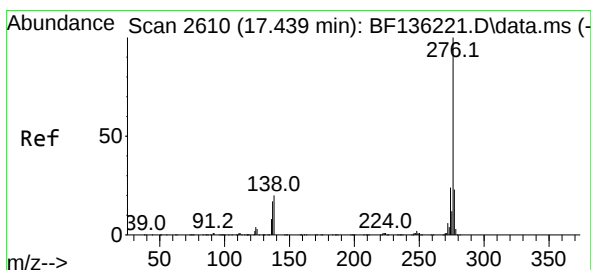
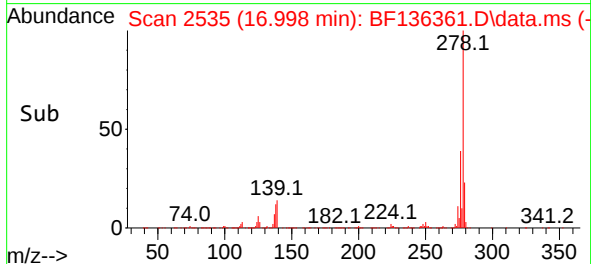
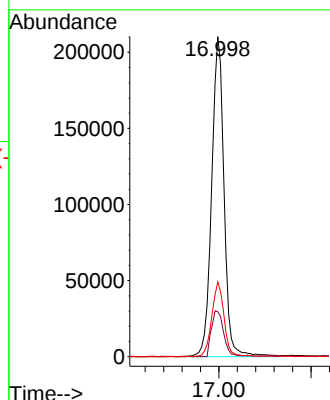
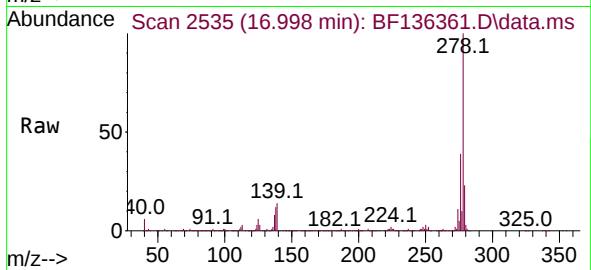
Tgt Ion:278 Resp: 393931

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

279 23.3 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 29.348 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion:276 Resp: 368037

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 21.7 15.8 23.8

