

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102624\  
 Data File : BF140054.D  
 Acq On : 26 Oct 2024 12:34  
 Operator : RC/JU  
 Sample : P4508-09MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BP-F22MS

Quant Time: Oct 28 01:05:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 149613   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 589034   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 335149   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 594611   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 282495   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 312725   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 889735   | 93.098  | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 1136795  | 91.841  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 719520   | 67.701  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 344493   | 109.890 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1255858  | 61.929  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1241337  | 71.602  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 180379   | 40.481  | ng    | 95       |
| 3) Pyridine                   | 3.540  | 79   | 455950   | 41.282  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.499  | 42   | 250763   | 42.258  | ng    | 97       |
| 6) Aniline                    | 6.551  | 93   | 299009   | 25.920  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.675  | 128  | 443813   | 45.426  | ng    | 97       |
| 9) Benzaldehyde               | 6.440  | 77   | 90877    | 13.051  | ng    | 96       |
| 10) Phenol                    | 6.528  | 94   | 564209   | 44.214  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 421537   | 42.738  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 470964   | 41.993  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 478183   | 42.677  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 462426   | 44.220  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 414147   | 45.613  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 691210   | 41.099  | ng    | 97       |
| 17) 2-Methylphenol            | 7.139  | 107  | 369418   | 44.343  | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 174624   | 43.704  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 327012   | 43.560  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 447301   | 41.977  | ng    | # 81     |
| 22) Acetophenone              | 7.298  | 105  | 601725   | 41.707  | ng    | 99       |
| 24) Nitrobenzene              | 7.469  | 77   | 484756   | 41.602  | ng    | 100      |
| 25) Isophorone                | 7.710  | 82   | 889990   | 44.121  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 231351   | 52.629  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 370589   | 50.558  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 525721   | 43.017  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 370410   | 44.366  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 383949   | 41.561  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1269998  | 41.805  | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 259080   | 40.525  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 81139    | 7.833   | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 250687   | 43.188  | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 78058    | 29.404  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 414670   | 44.855  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 817791   | 43.955  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 761621   | 41.724  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 388997   | 43.022  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 436660   | 138.794 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 293296   | 45.817  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

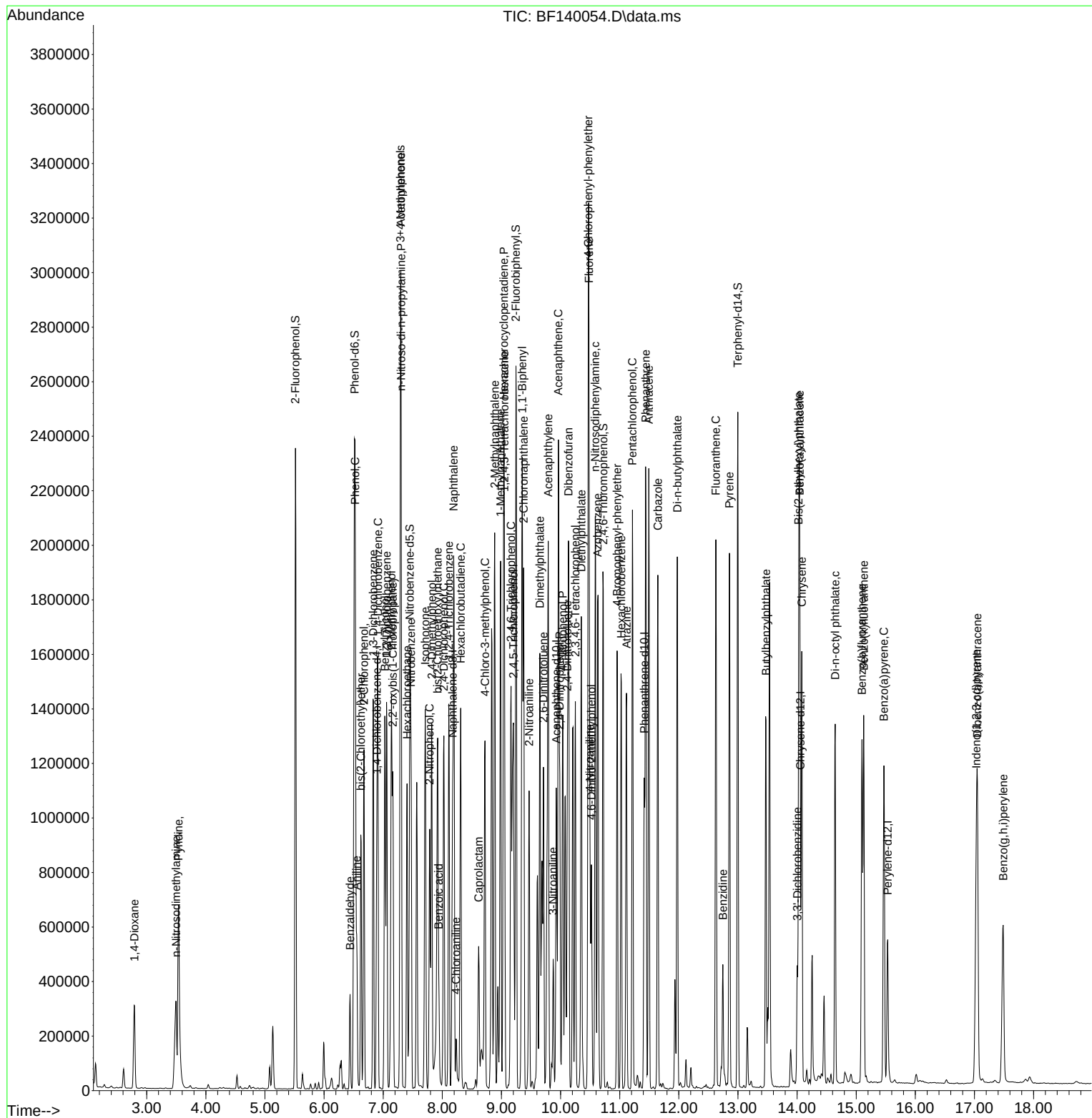
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 292834   | 44.338  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1002450  | 42.966  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 795518   | 42.334  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 273231   | 47.542  | ng    | 93       |
| 49) Acenaphthylene            | 9.792  | 152  | 1250172  | 46.019  | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 946635   | 45.346  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 208987   | 46.236  | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 855407   | 48.675  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 98136    | 21.054  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 210385   | 109.414 | ng    | # 1      |
| 55) Dibenzofuran              | 10.133 | 168  | 1100794  | 43.657  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 335038   | 93.426  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 281352   | 50.617  | ng    | 99       |
| 58) Fluorene                  | 10.480 | 166  | 827662   | 43.097  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 243584   | 47.046  | ng    | 97       |
| 60) Diethylphthalate          | 10.351 | 149  | 918781   | 44.825  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 431623   | 44.504  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 203776   | 46.288  | ng    | 97       |
| 63) Azobenzene                | 10.627 | 77   | 1001082  | 46.069  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 150921   | 62.225  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 780591   | 43.862  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 281354   | 45.931  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 308632   | 44.799  | ng    | 96       |
| 69) Atrazine                  | 11.116 | 200  | 258486   | 53.619  | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 356651   | 85.300  | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1233063  | 43.902  | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1228106  | 44.815  | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 1074236  | 42.150  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1349305  | 45.824  | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1149087  | 40.470  | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 238617   | 51.369  | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 1137794  | 46.013  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 446393   | 60.214  | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 848023   | 46.115  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 131557   | 24.536  | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 763112   | 45.259  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 562025   | 67.572  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 880674   | 58.213  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 823978   | 40.956  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 773921   | 40.626  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 789841   | 48.076  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 755334   | 48.188  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 686971   | 40.932  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 580505   | 34.628  | ng    | 98       |

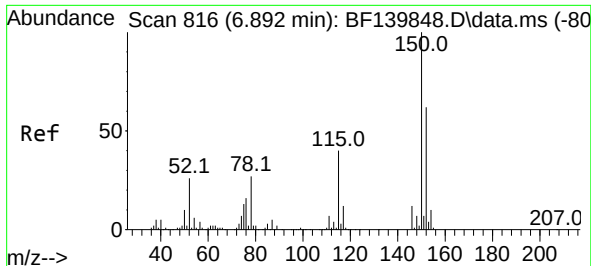
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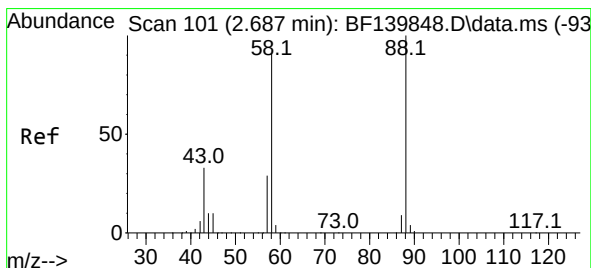
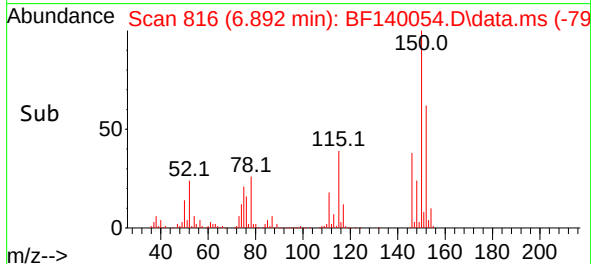
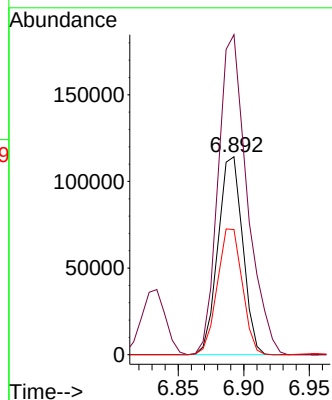
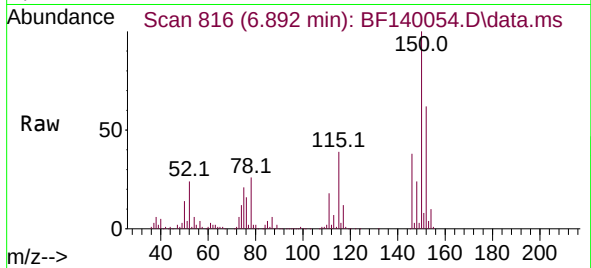




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

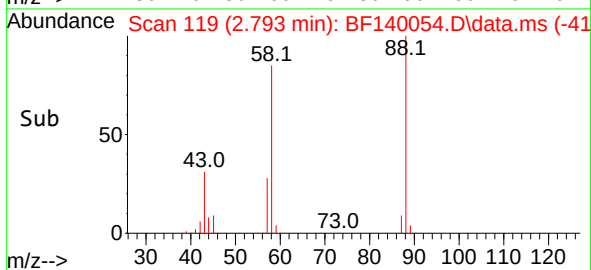
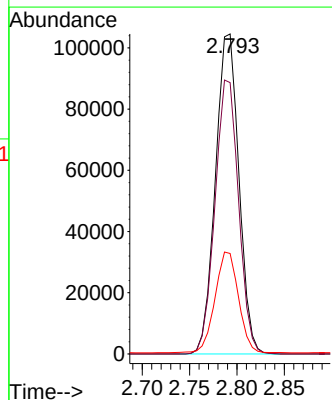
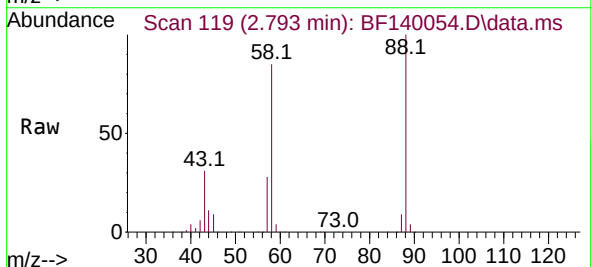
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

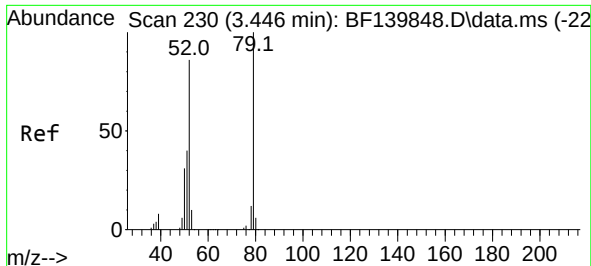
Tgt Ion:152 Resp: 149613  
Ion Ratio Lower Upper  
152 100  
150 161.7 130.2 195.2  
115 63.3 51.4 77.2



#2  
1,4-Dioxane  
Concen: 40.481 ng  
RT: 2.793 min Scan# 119  
Delta R.T. 0.106 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 88 Resp: 180379  
Ion Ratio Lower Upper  
88 100  
58 86.0 73.3 109.9  
43 31.7 27.1 40.7





#3

Pyridine

Concen: 41.282 ng

RT: 3.540 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

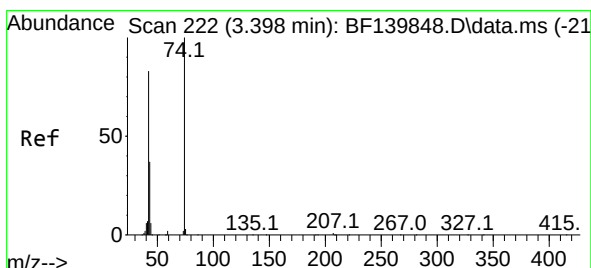
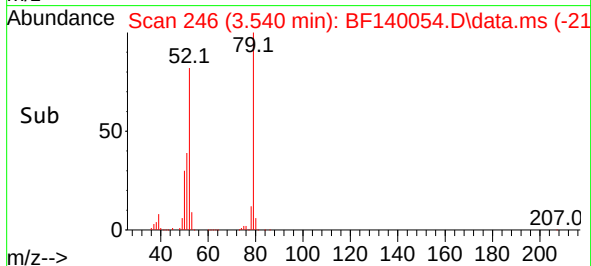
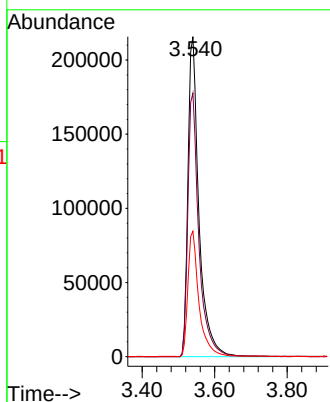
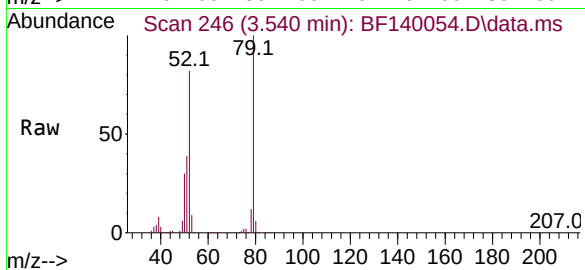
Tgt Ion: 79 Resp: 455950

Ion Ratio Lower Upper

79 100

52 82.3 68.5 102.7

51 39.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 42.258 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.100 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

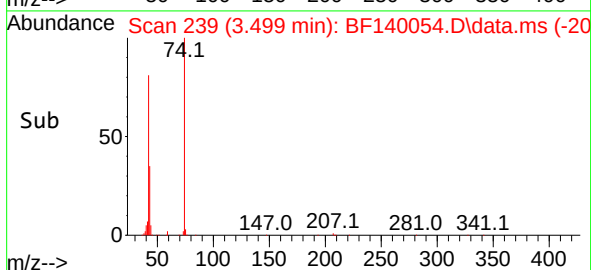
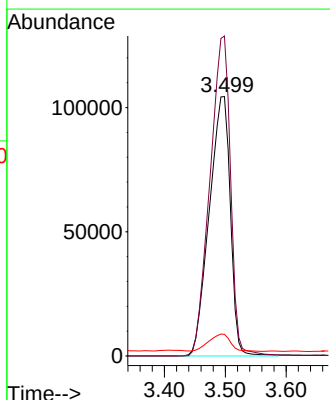
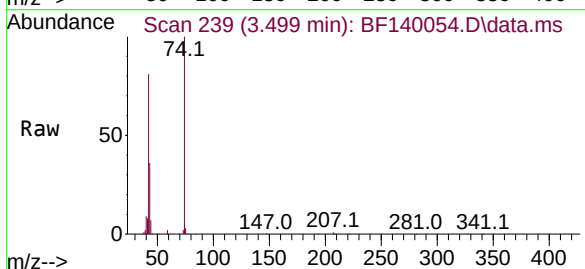
Tgt Ion: 42 Resp: 250763

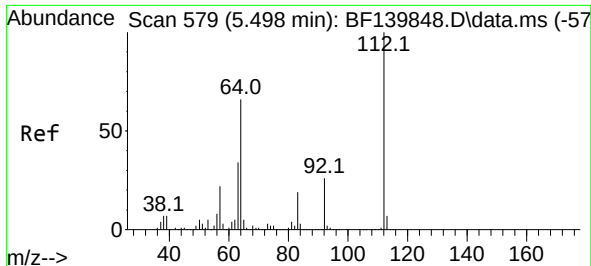
Ion Ratio Lower Upper

42 100

74 123.4 96.2 144.4

44 8.4 6.2 9.2

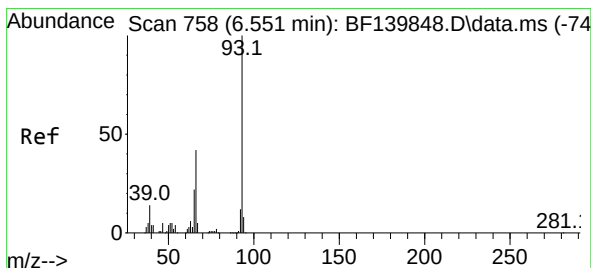
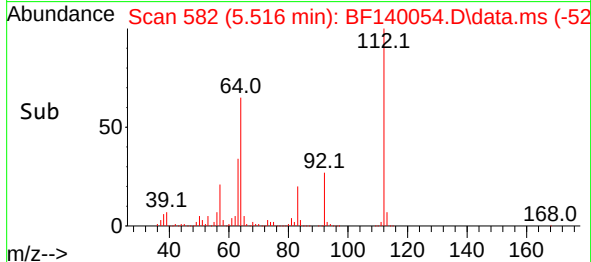
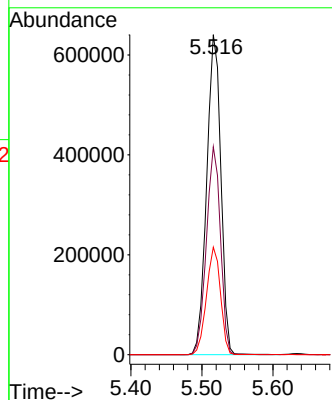
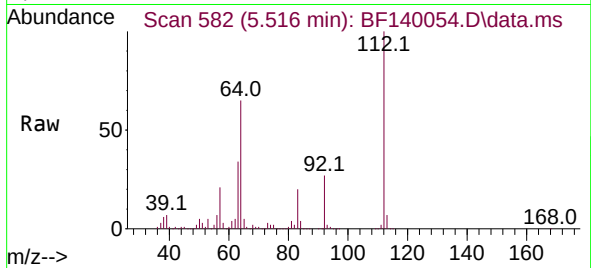




#5  
2-Fluorophenol  
Concen: 93.098 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

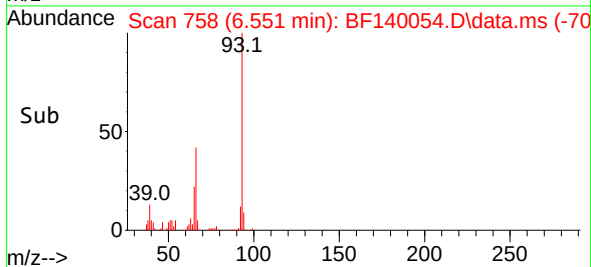
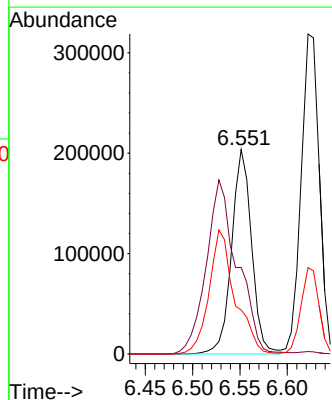
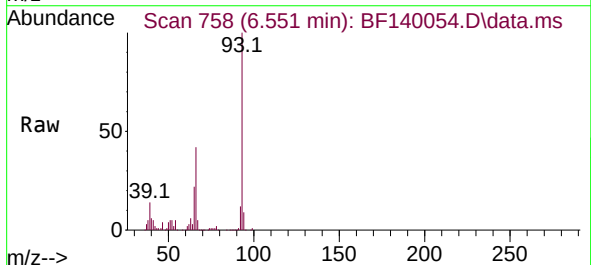
Instrument :  
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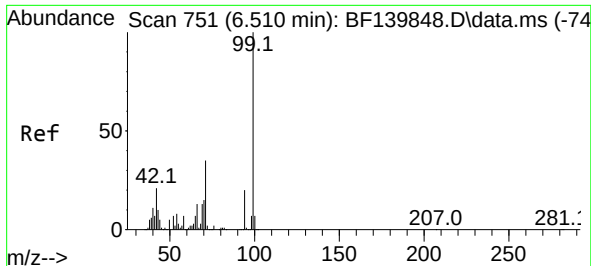
Tgt Ion:112 Resp: 889735  
Ion Ratio Lower Upper  
112 100  
64 64.9 53.0 79.6  
63 33.6 27.0 40.4



#6  
Aniline  
Concen: 25.920 ng  
RT: 6.551 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 93 Resp: 299009  
Ion Ratio Lower Upper  
93 100  
66 42.3 34.0 51.0  
65 21.6 17.4 26.0

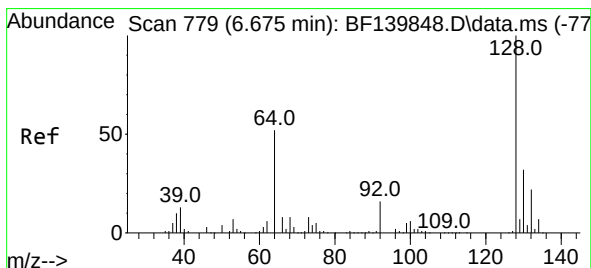
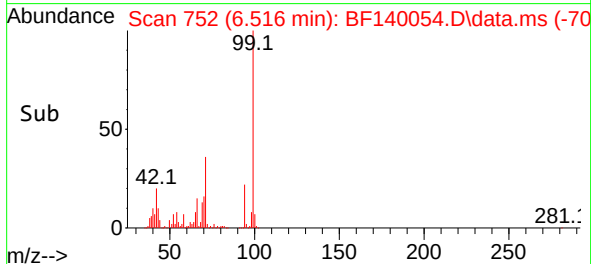
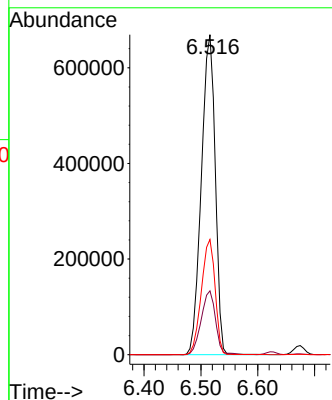
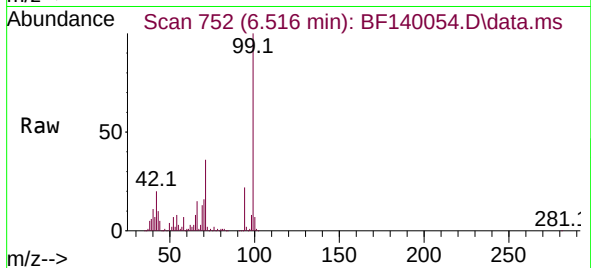




#7  
Phenol-d6  
Concen: 91.841 ng  
RT: 6.516 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

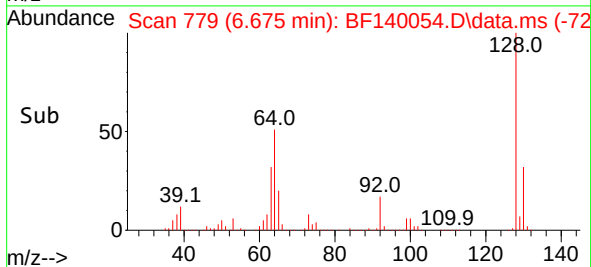
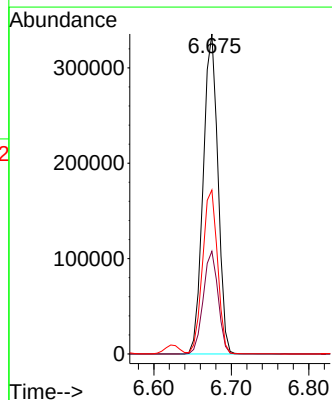
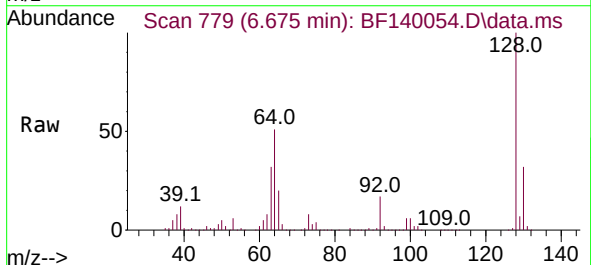
Instrument :  
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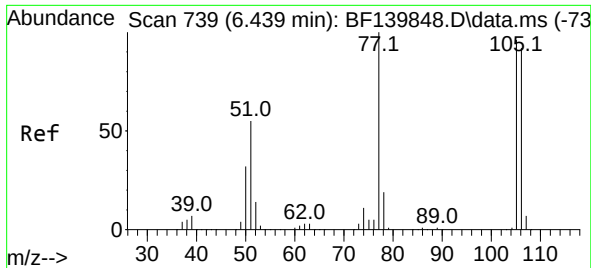
Tgt Ion: 99 Resp: 1136795  
Ion Ratio Lower Upper  
99 100  
42 20.0 16.7 25.1  
71 36.0 27.7 41.5



#8  
2-Chlorophenol  
Concen: 45.426 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:128 Resp: 443813  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.3 52.3  
64 51.2 34.6 74.6

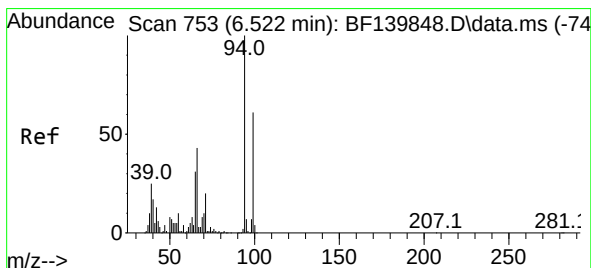
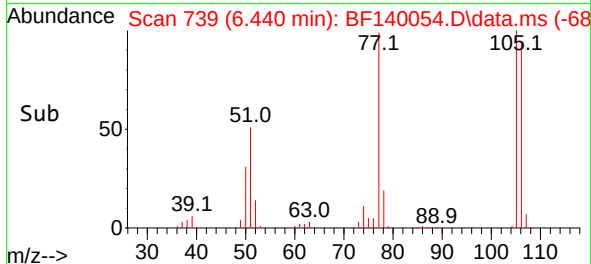
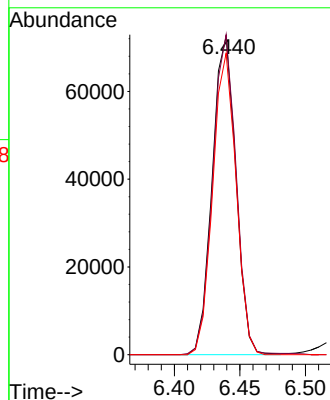
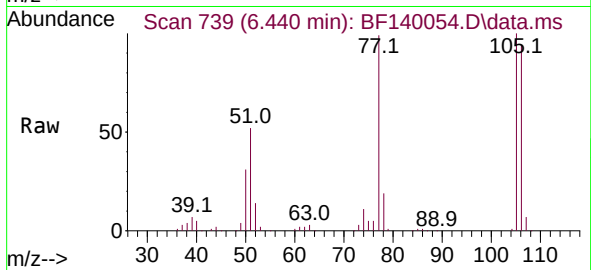




#9  
Benzaldehyde  
Concen: 13.051 ng  
RT: 6.440 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

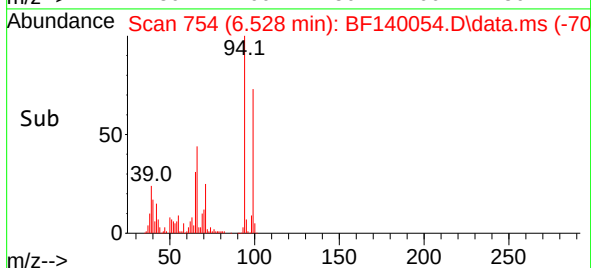
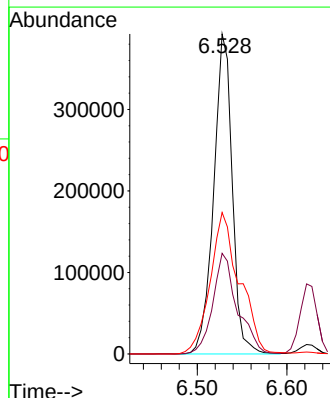
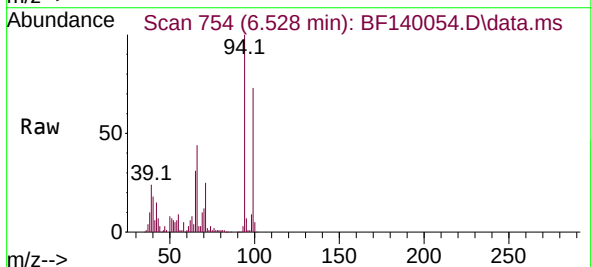
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 90877 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 100.5 | 75.5  | 115.5 |
| 106      | 94.7  | 71.7  | 111.7 |

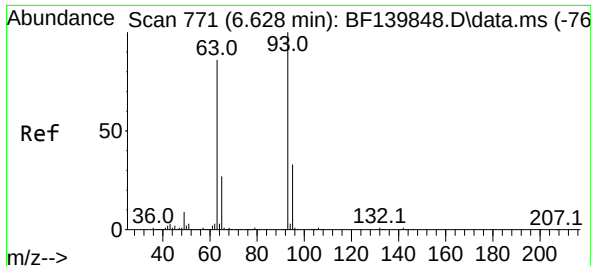


#10  
Phenol  
Concen: 44.214 ng  
RT: 6.528 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 564209 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.5  | 11.1  | 51.1   |
| 66       | 44.2  | 22.7  | 62.7   |



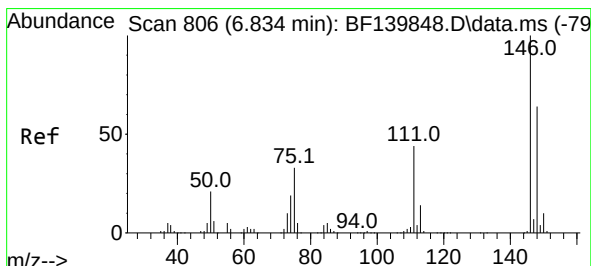
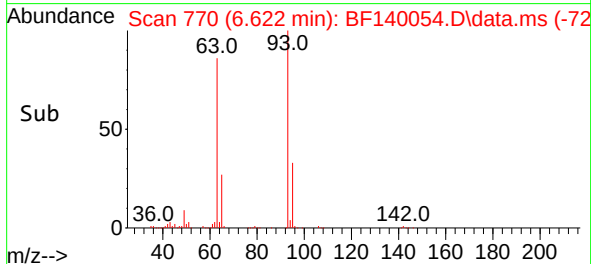
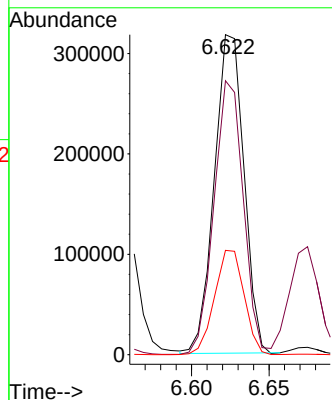
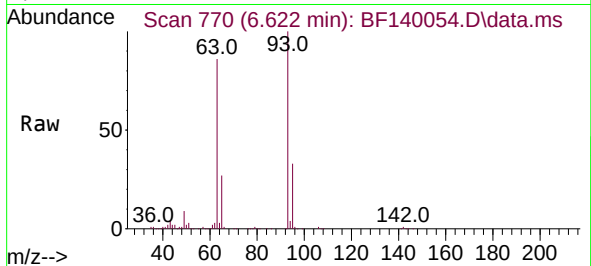




#11  
bis(2-Chloroethyl)ether  
Concen: 42.738 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

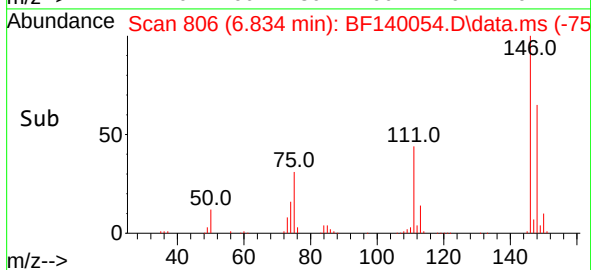
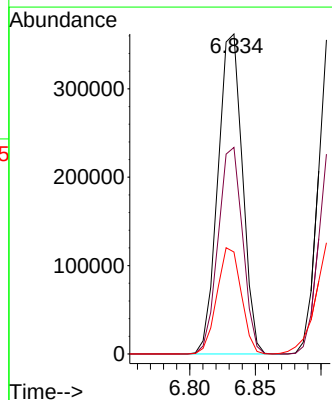
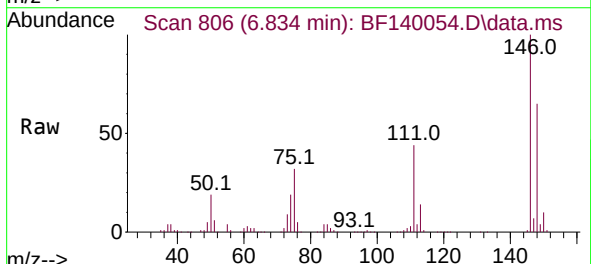
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

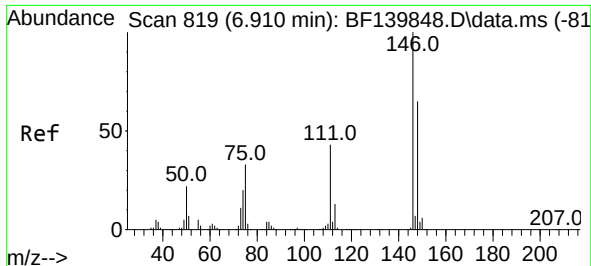
Tgt Ion: 93 Resp: 421537  
Ion Ratio Lower Upper  
93 100  
63 85.6 65.0 105.0  
95 32.6 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 41.993 ng  
RT: 6.834 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:146 Resp: 470964  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.0 76.4  
75 31.9 26.4 39.6

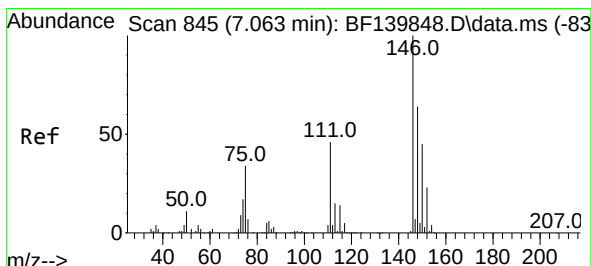
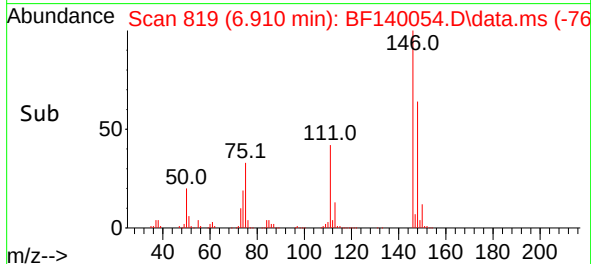
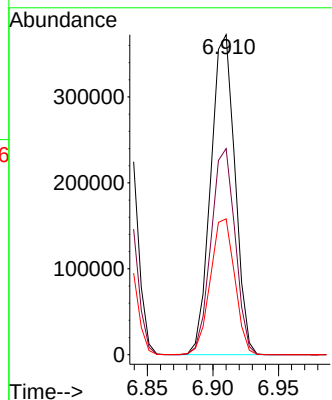
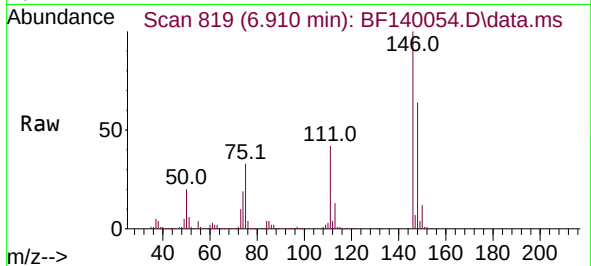




#13  
1,4-Dichlorobenzene  
Concen: 42.677 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

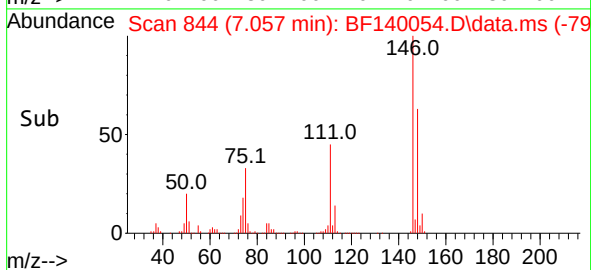
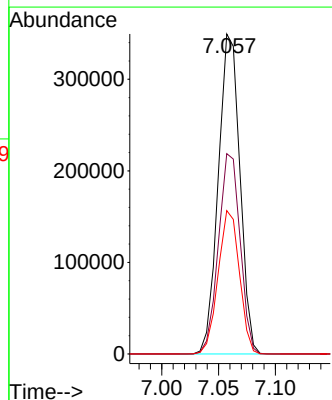
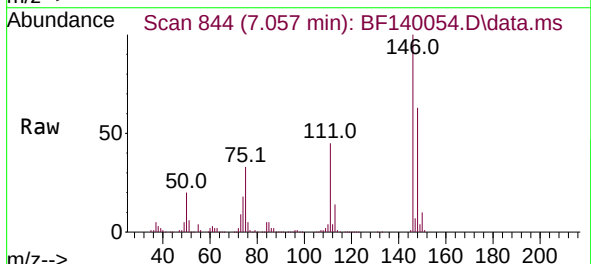
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

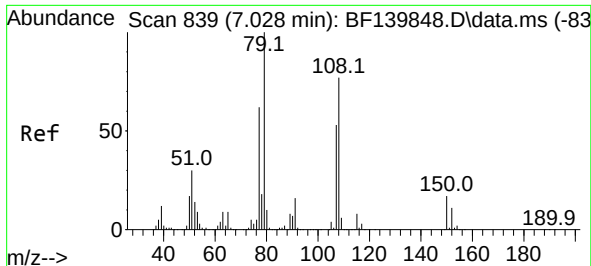
Tgt Ion:146 Resp: 478183  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.8 77.8  
111 42.4 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 44.220 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:146 Resp: 462426  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.4 77.2  
111 44.8 36.7 55.1

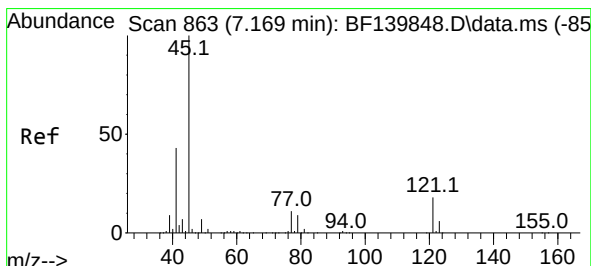
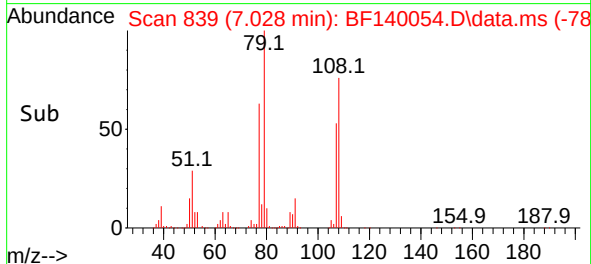
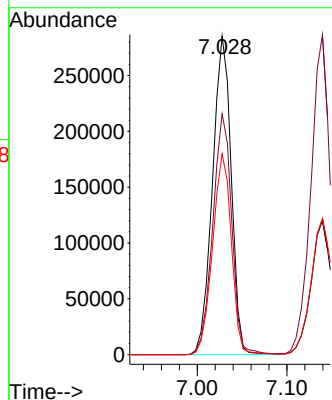
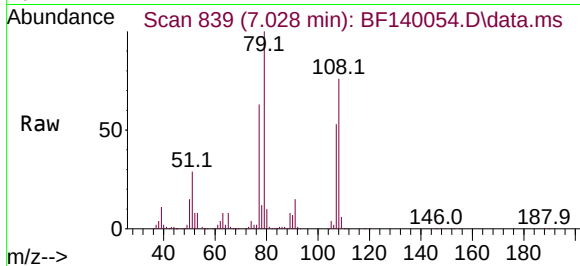




#15  
Benzyl Alcohol  
Concen: 45.613 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

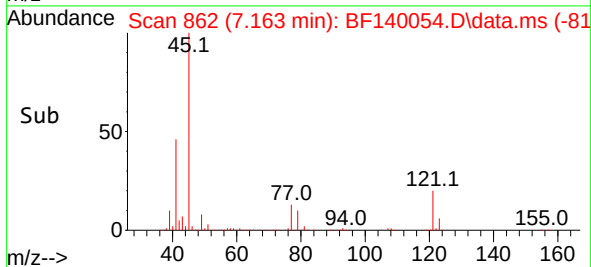
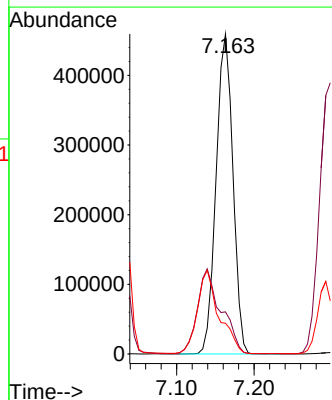
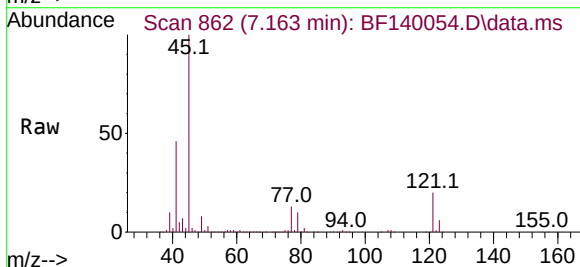
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

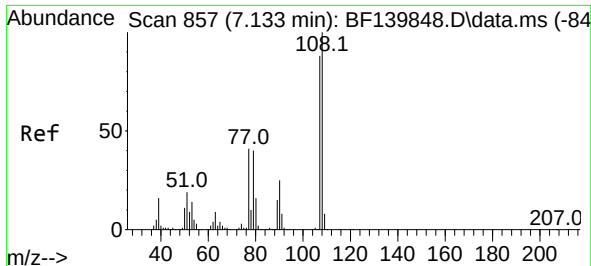
Tgt Ion: 79 Resp: 414147  
Ion Ratio Lower Upper  
79 100  
108 75.5 61.4 92.0  
77 63.0 49.9 74.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.099 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 45 Resp: 691210  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 31.5  
79 9.6 0.0 29.1

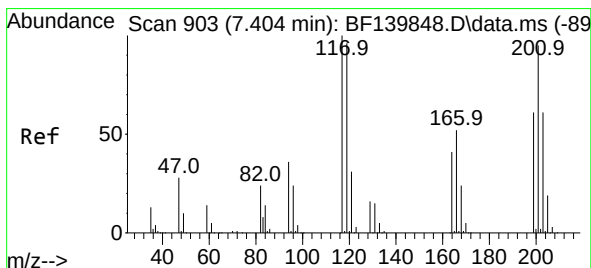
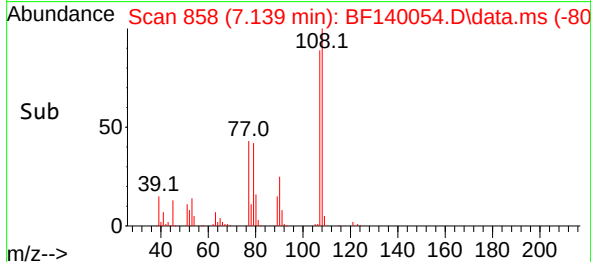
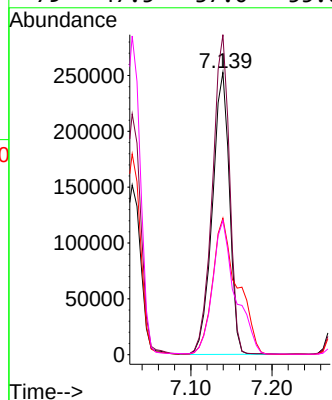
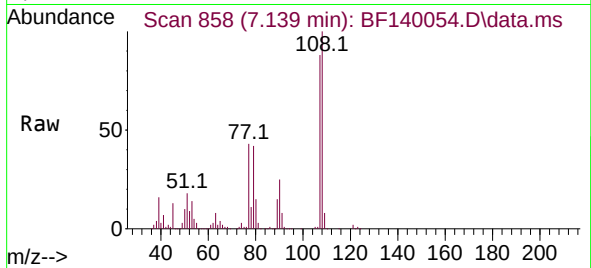




#17  
2-Methylphenol  
Concen: 44.343 ng  
RT: 7.139 min Scan# 857  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

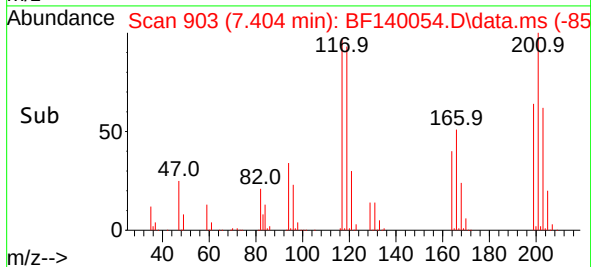
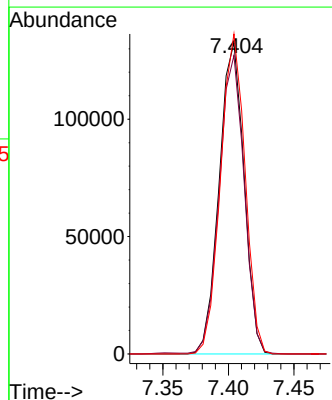
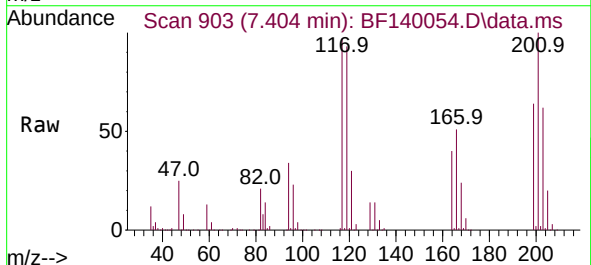
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

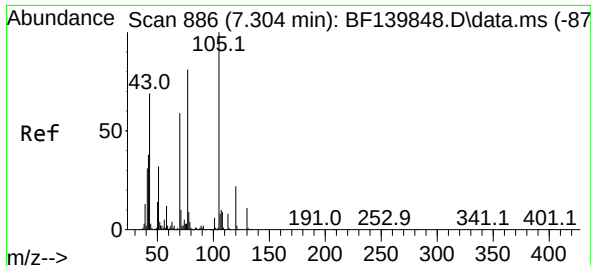
Tgt Ion:107 Resp: 369418  
Ion Ratio Lower Upper  
107 100  
108 113.4 91.3 136.9  
77 48.4 37.1 55.7  
79 47.5 37.0 55.6



#18  
Hexachloroethane  
Concen: 43.704 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:117 Resp: 174624  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.0 115.4  
201 102.7 76.2 114.4



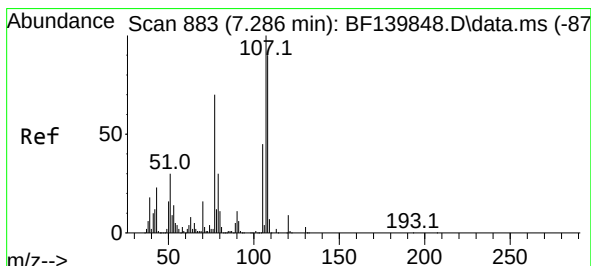
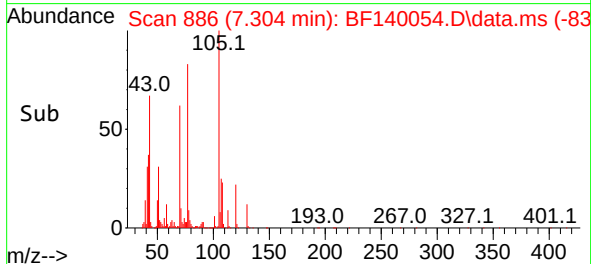
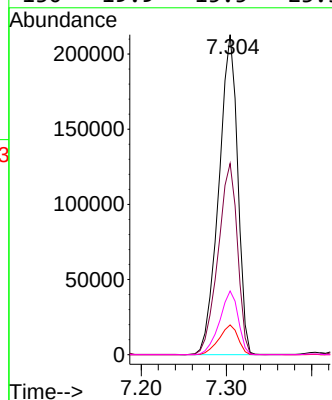
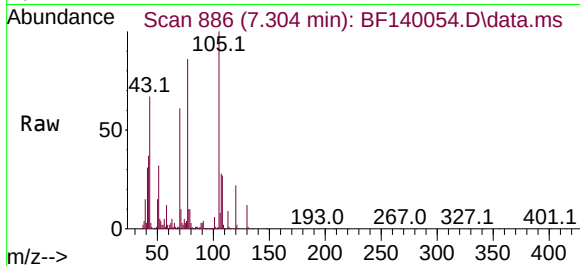


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.560 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion: 70 Resp: 327012

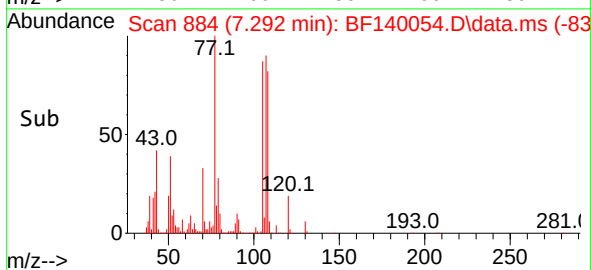
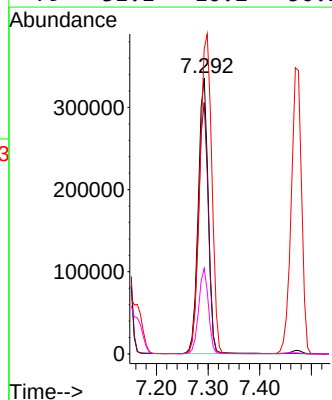
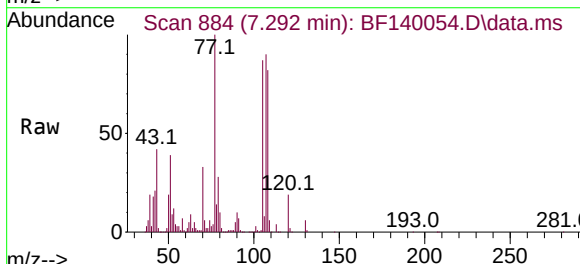
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.7  | 51.5  | 77.3  |
| 101 | 9.3   | 7.5   | 11.3  |
| 130 | 19.9  | 15.5  | 23.3  |

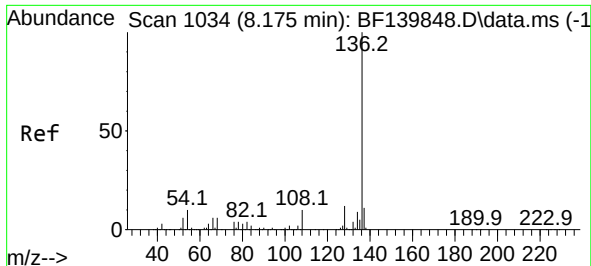


#20  
3+4-Methylphenols  
Concen: 41.977 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 107 Resp: 447301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.3  | 69.8  | 109.8 |
| 77  | 110.7 | 50.5  | 90.5# |
| 79  | 31.1  | 10.2  | 50.2  |



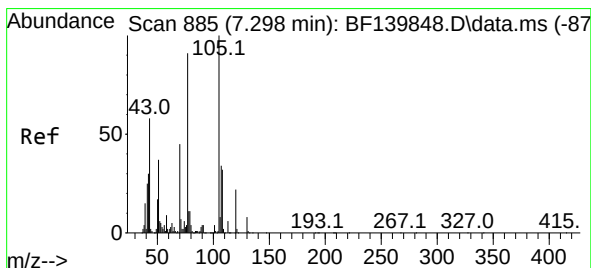
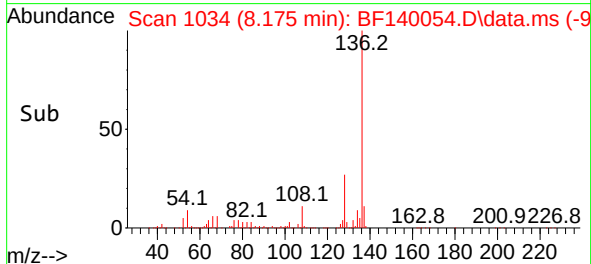
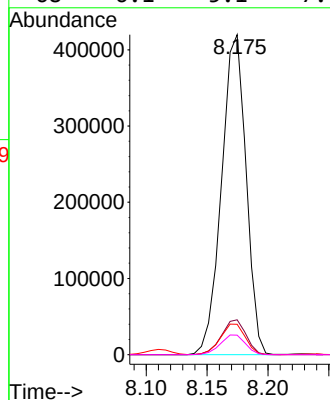
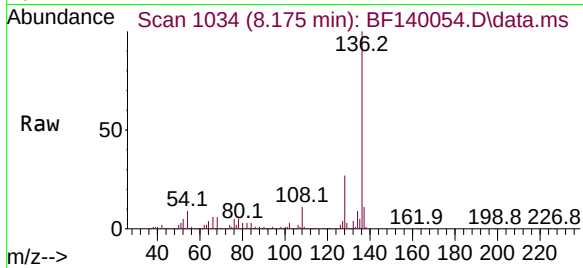


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion:136 Resp: 589034

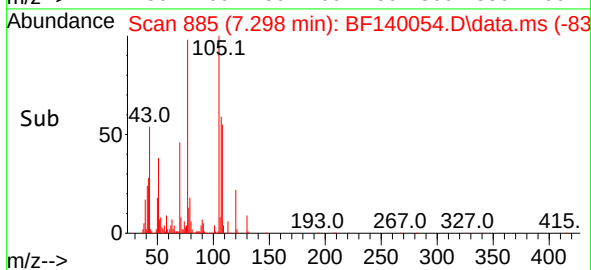
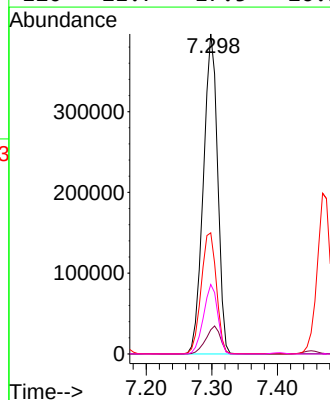
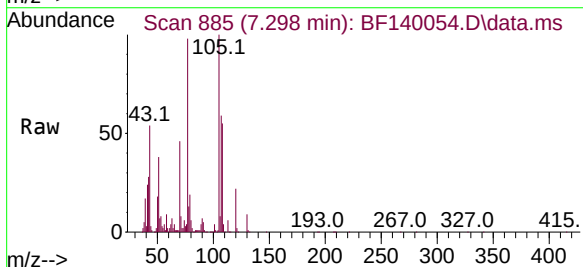
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 9.5   | 8.4   | 12.6  |
| 68  | 6.1   | 5.1   | 7.7   |

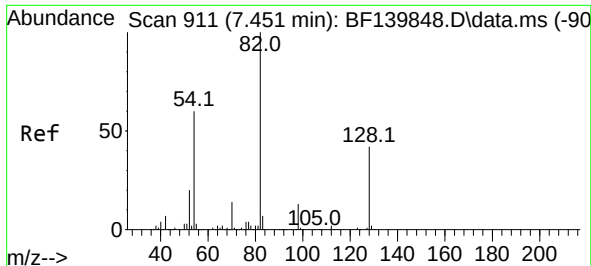


#22  
Acetophenone  
Concen: 41.707 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:105 Resp: 601725

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 5.9   | 8.9   |
| 51  | 37.9  | 29.4  | 44.2  |
| 120 | 21.7  | 17.5  | 26.3  |

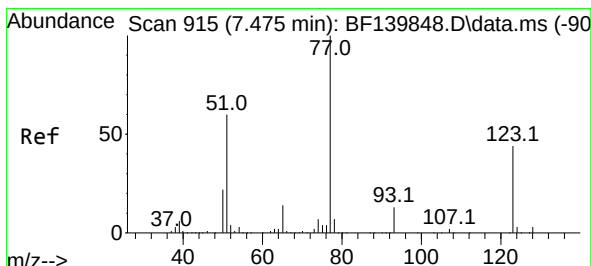
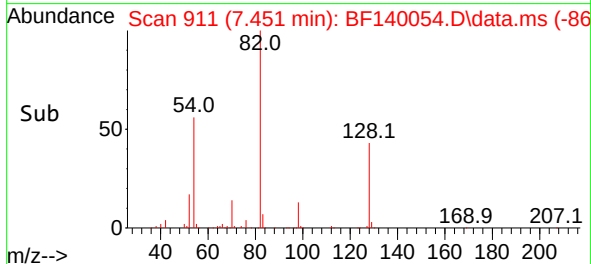
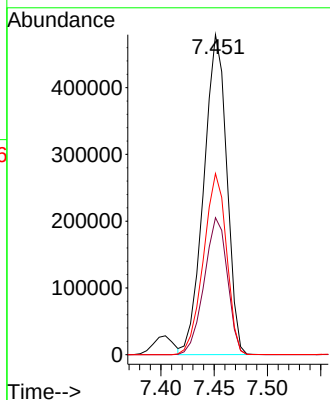
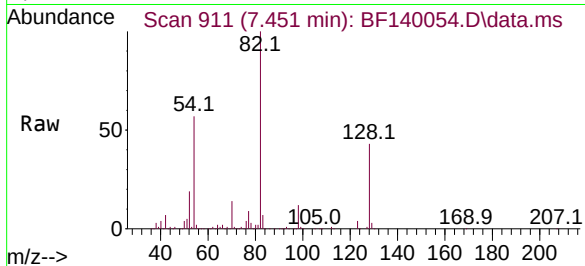




#23  
Nitrobenzene-d5  
Concen: 67.701 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

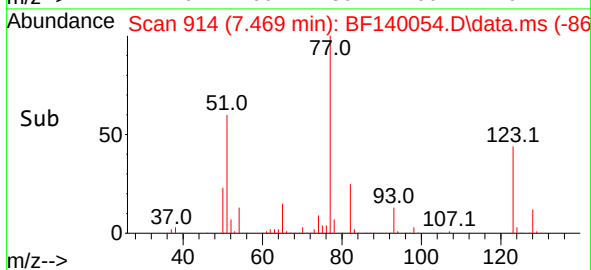
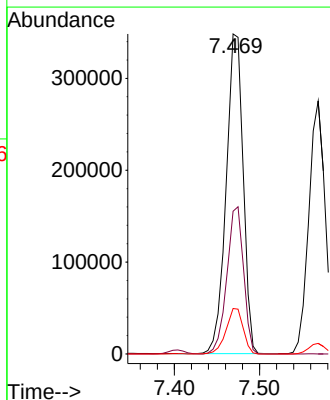
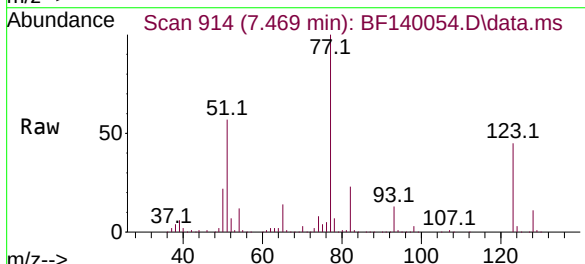
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

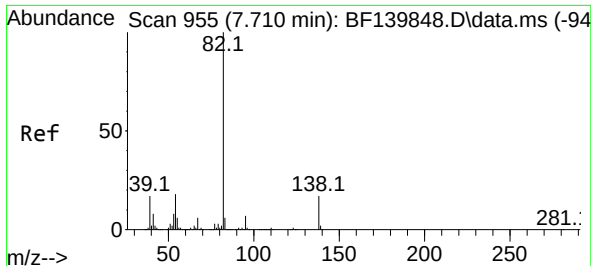
Tgt Ion: 82 Resp: 719520  
Ion Ratio Lower Upper  
82 100  
128 42.8 33.4 50.0  
54 56.6 47.8 71.8



#24  
Nitrobenzene  
Concen: 41.602 ng  
RT: 7.469 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 77 Resp: 484756  
Ion Ratio Lower Upper  
77 100  
123 44.6 35.7 53.5  
65 14.2 11.5 17.3

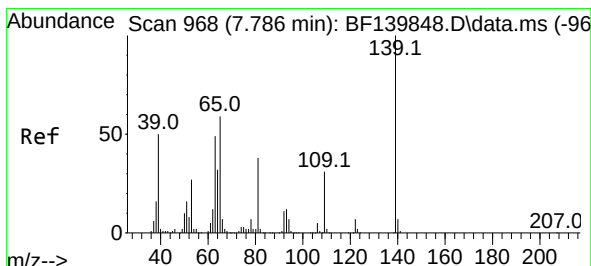
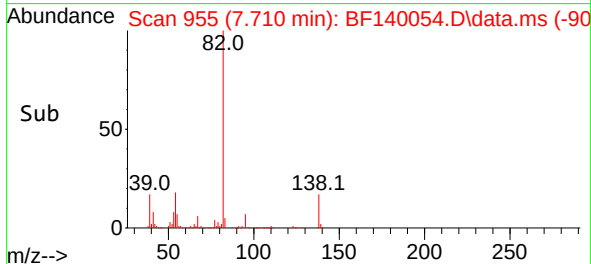
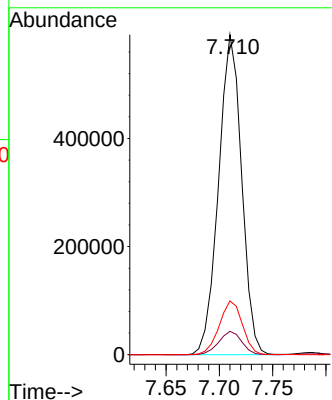
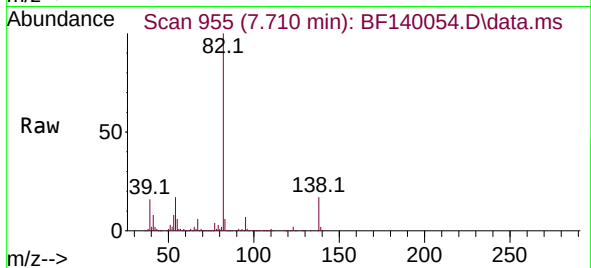




#25  
Isophorone  
Concen: 44.121 ng  
RT: 7.710 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

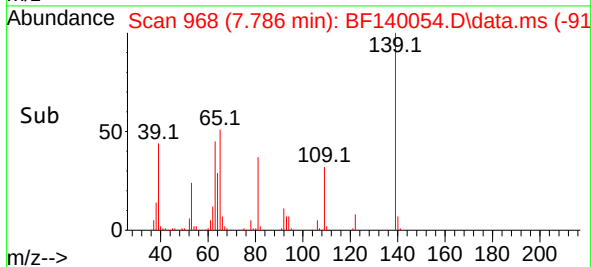
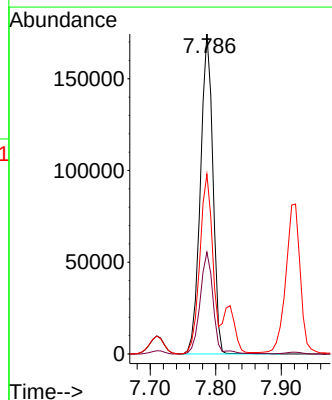
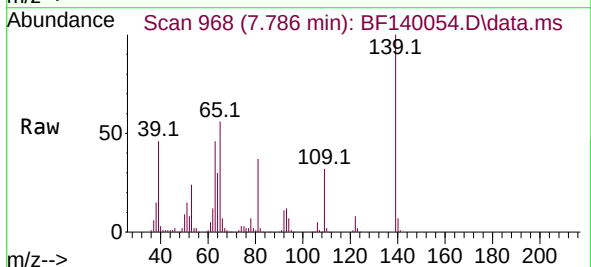
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion: 82 Resp: 889990  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.5 8.3  
138 16.8 13.2 19.8

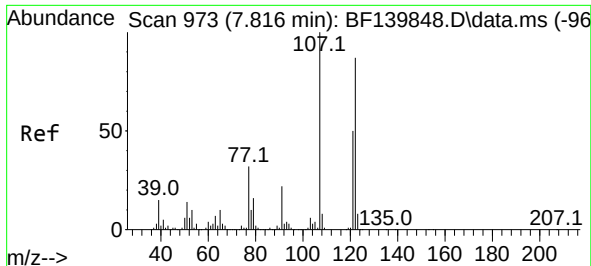


#26  
2-Nitrophenol  
Concen: 52.629 ng  
RT: 7.786 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:139 Resp: 231351  
Ion Ratio Lower Upper  
139 100  
109 31.8 25.1 37.7  
65 56.1 47.5 71.3

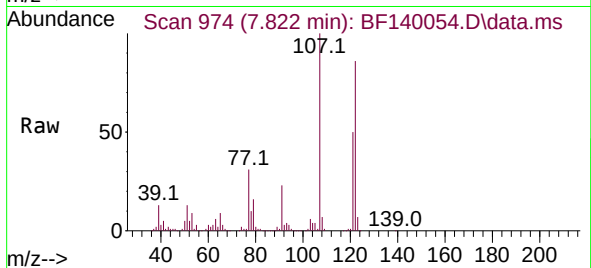




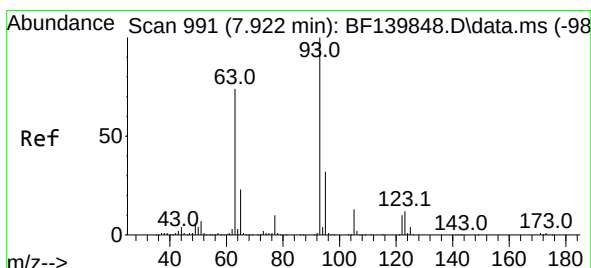
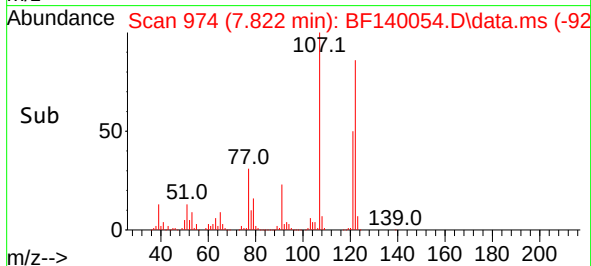
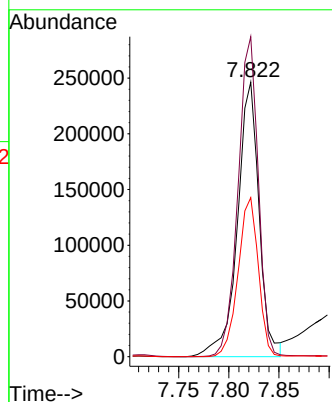


#27  
2,4-Dimethylphenol  
Concen: 50.558 ng  
RT: 7.822 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

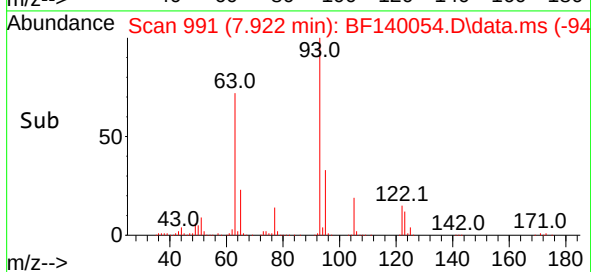
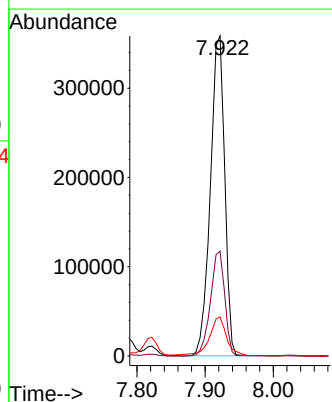
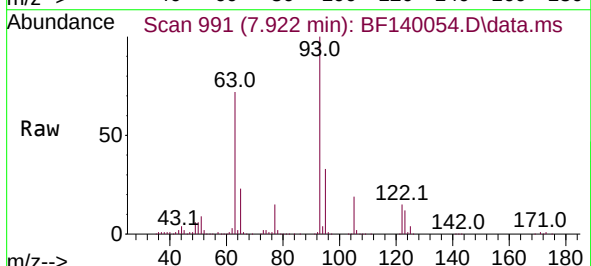


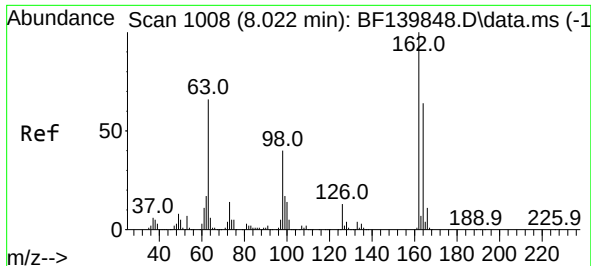
Tgt Ion:122 Resp: 370589  
Ion Ratio Lower Upper  
122 100  
107 116.5 91.9 137.9  
121 57.9 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.017 ng  
RT: 7.922 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 93 Resp: 525721  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.0 39.0  
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.366 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

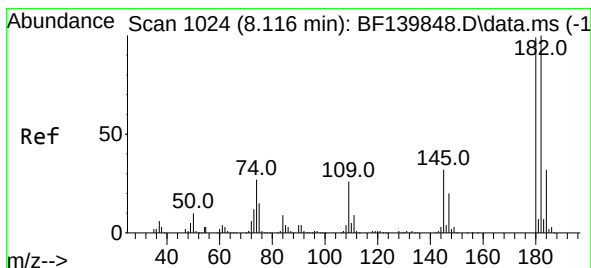
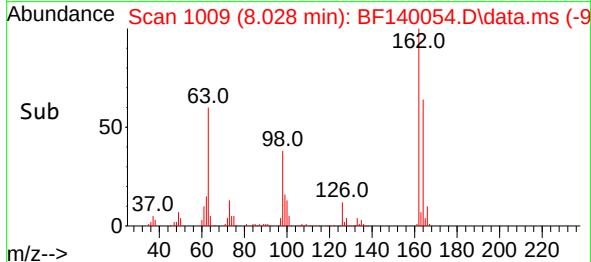
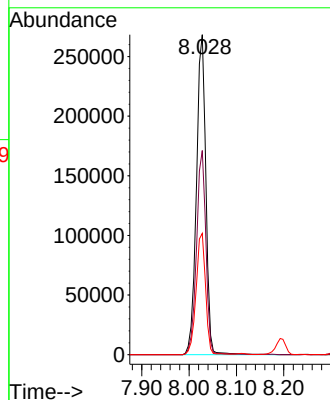
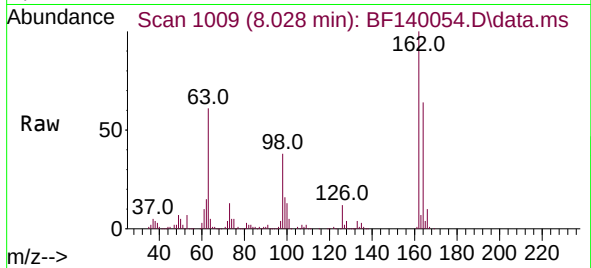
Tgt Ion:162 Resp: 370410

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 37.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.561 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

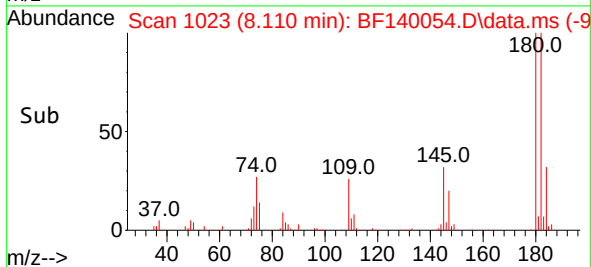
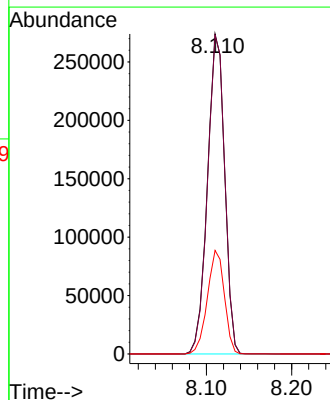
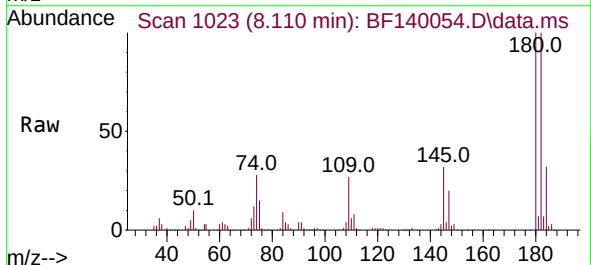
Tgt Ion:180 Resp: 383949

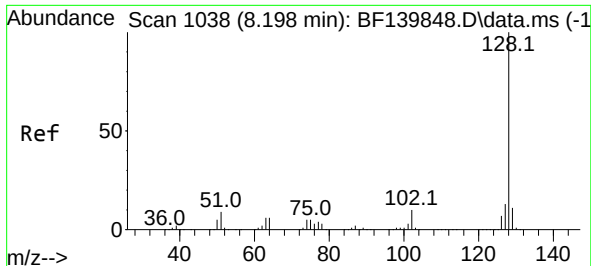
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

145 32.4 25.4 38.0

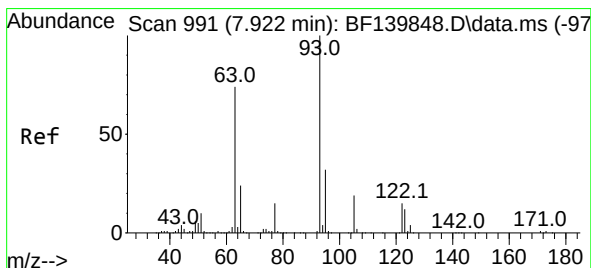
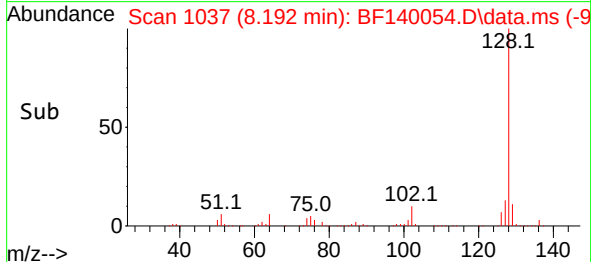
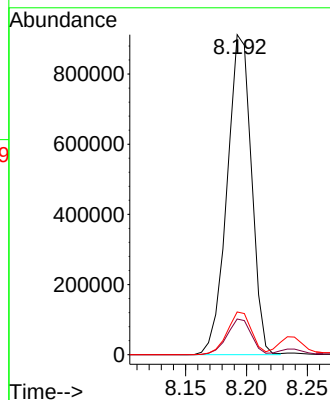
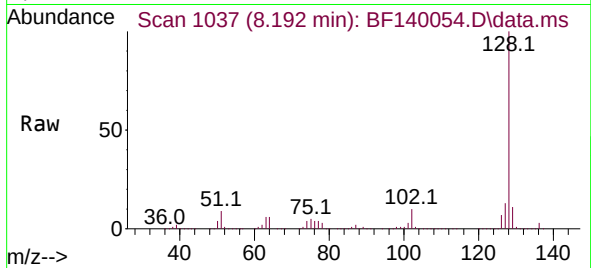




#31  
Naphthalene  
Concen: 41.805 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

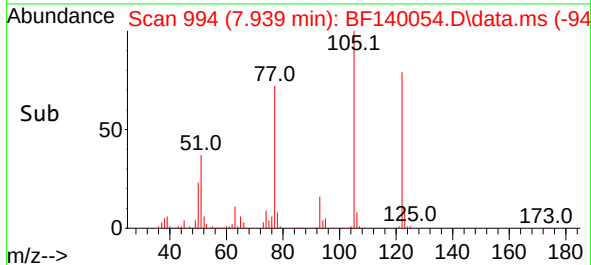
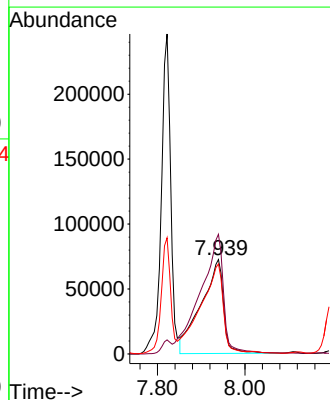
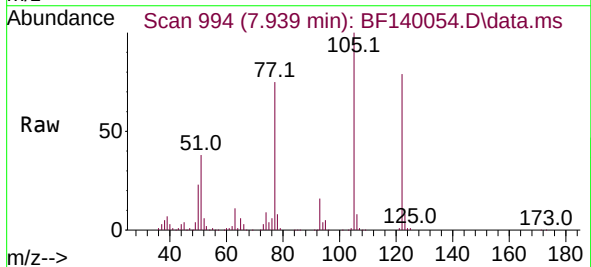
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

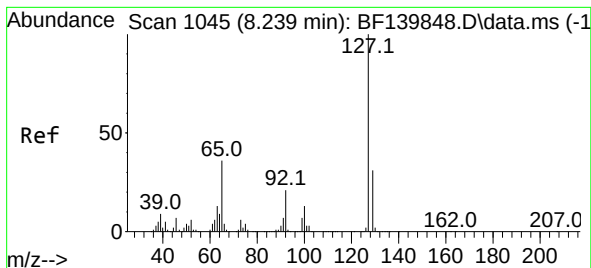
Tgt Ion:128 Resp: 1269998  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 40.525 ng  
RT: 7.939 min Scan# 994  
Delta R.T. 0.017 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:122 Resp: 259080  
Ion Ratio Lower Upper  
122 100  
105 126.8 107.6 147.6  
77 95.4 80.2 120.2





#33

4-Chloroaniline

Concen: 7.833 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

Tgt Ion:127 Resp: 81139

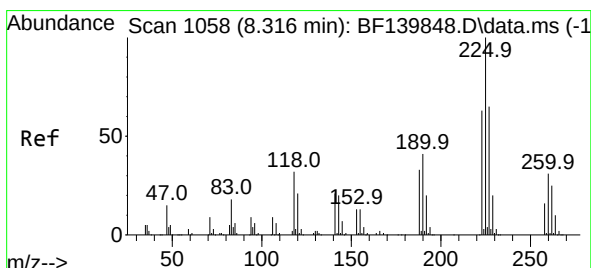
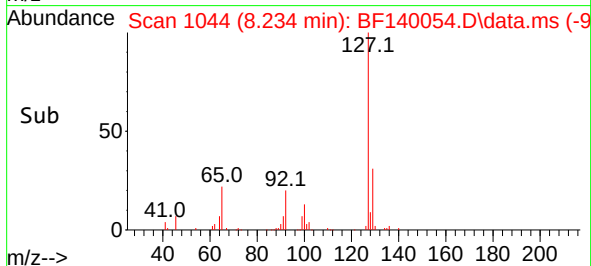
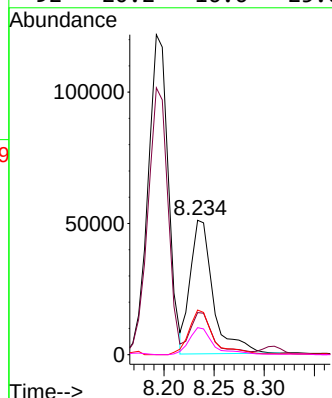
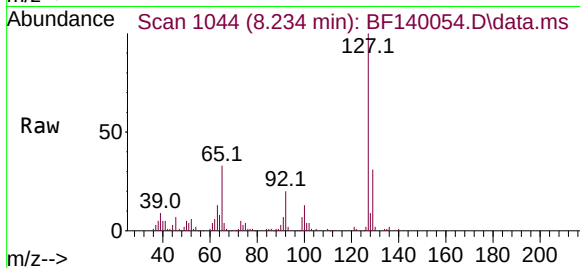
Ion Ratio Lower Upper

127 100

129 31.4 25.4 38.2

65 33.2 28.4 42.6

92 20.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 43.188 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

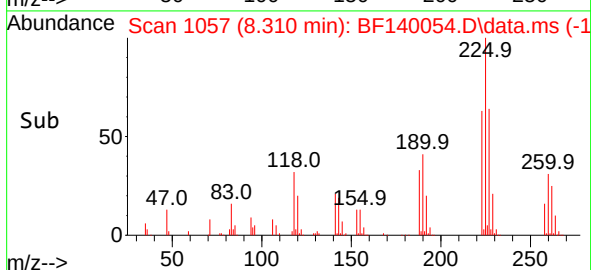
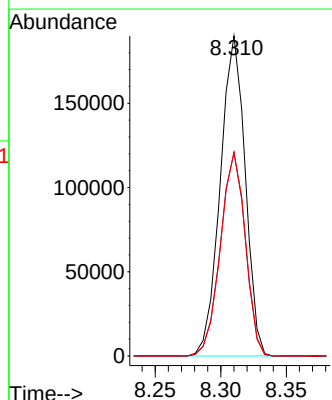
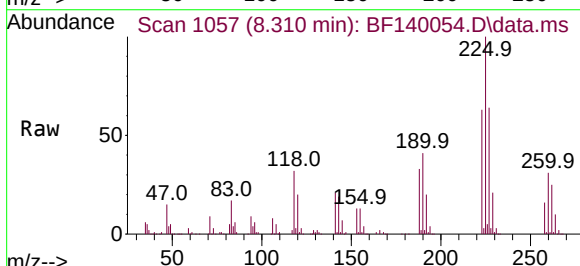
Tgt Ion:225 Resp: 250687

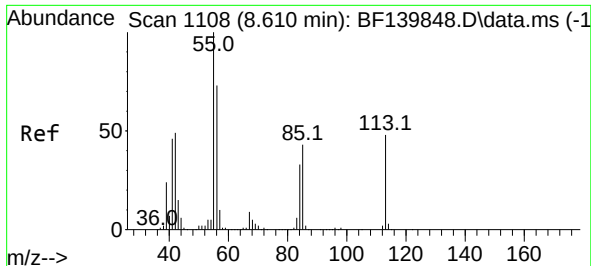
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 63.7 51.8 77.8

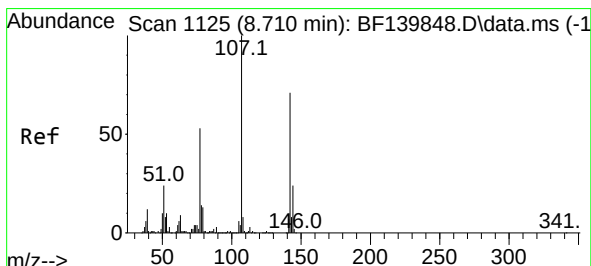
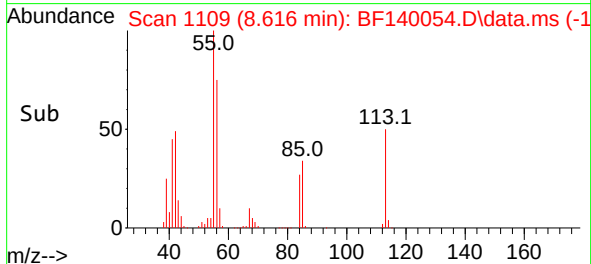
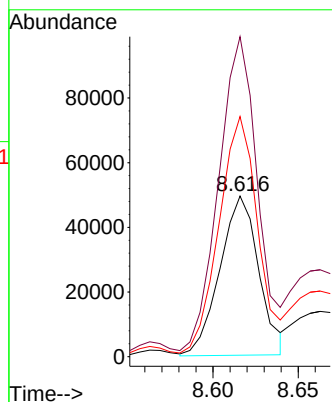
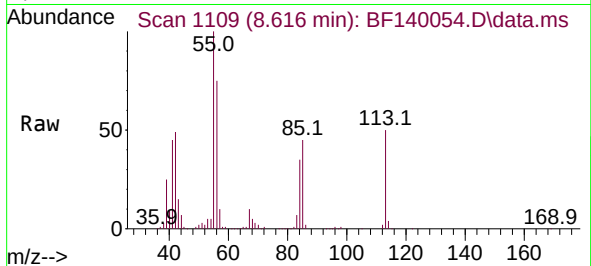




#35  
 Caprolactam  
 Concen: 29.404 ng  
 RT: 8.616 min Scan# 1108  
 Delta R.T. 0.006 min  
 Lab File: BF140054.D  
 Acq: 26 Oct 2024 12:34

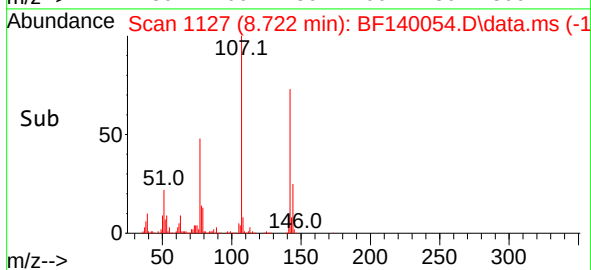
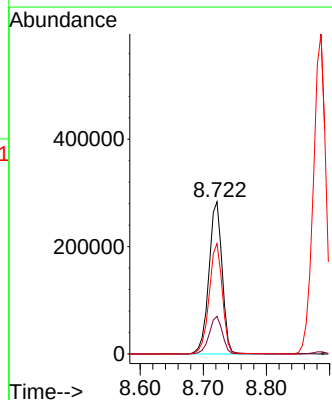
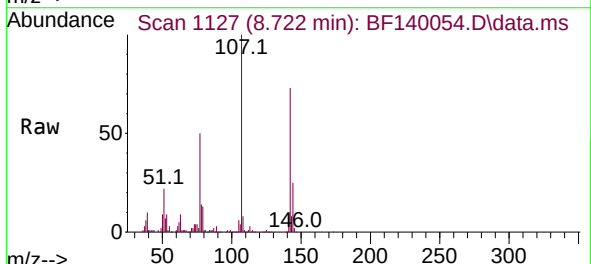
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BP-F22MS

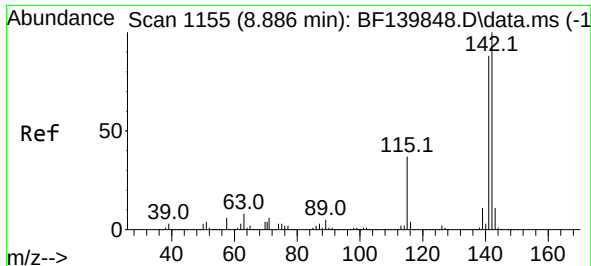
Tgt Ion:113 Resp: 78058  
 Ion Ratio Lower Upper  
 113 100  
 55 199.1 189.2 229.2  
 56 149.4 132.5 172.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.855 ng  
 RT: 8.722 min Scan# 1127  
 Delta R.T. 0.012 min  
 Lab File: BF140054.D  
 Acq: 26 Oct 2024 12:34

Tgt Ion:107 Resp: 414670  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 19.1 28.7  
 142 72.6 57.2 85.8





#37

2-Methylnaphthalene

Concen: 43.955 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

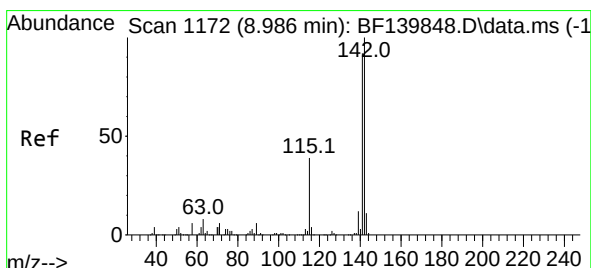
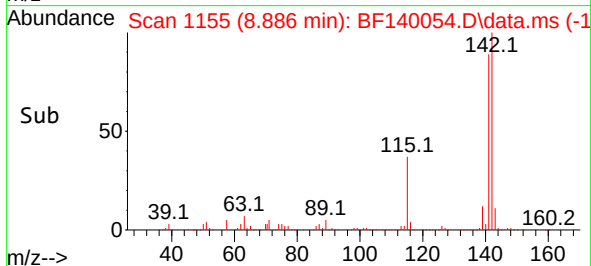
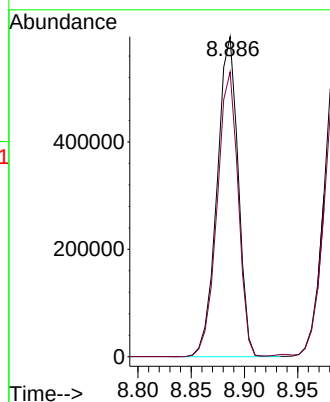
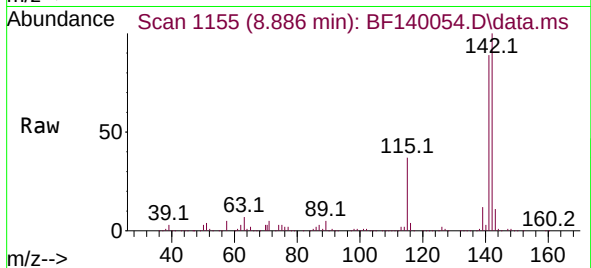
BP-F22MS

Tgt Ion:142 Resp: 817791

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.724 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140054.D

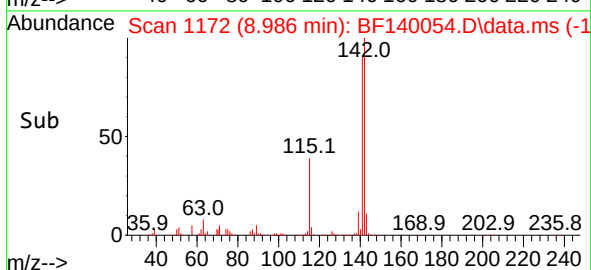
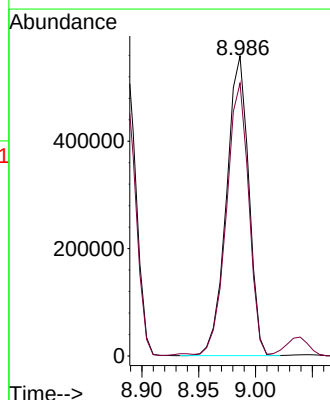
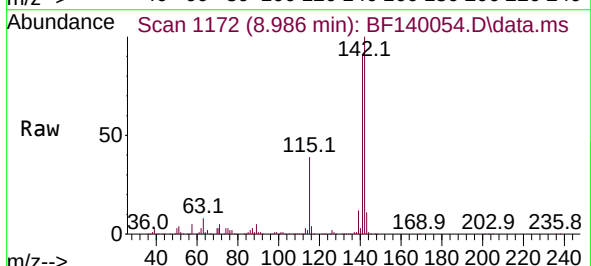
Acq: 26 Oct 2024 12:34

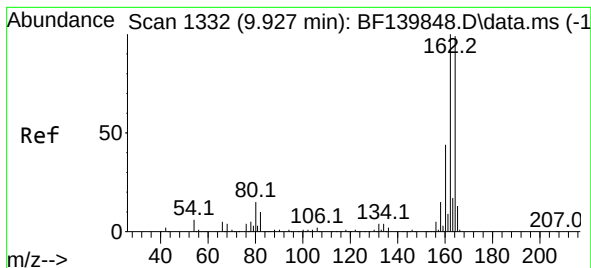
Tgt Ion:142 Resp: 761621

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

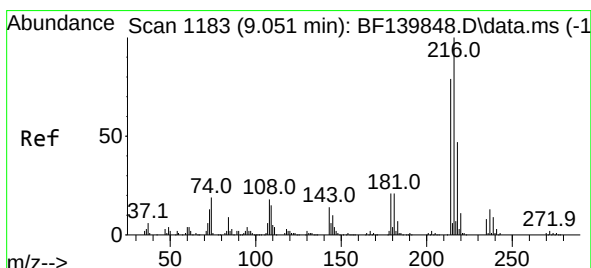
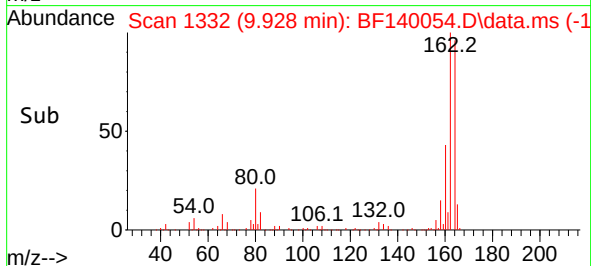
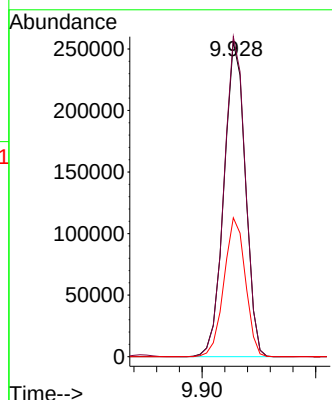
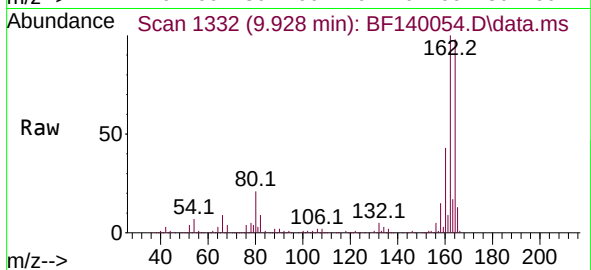
Tgt Ion:164 Resp: 335149

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.022 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion:216 Resp: 388997

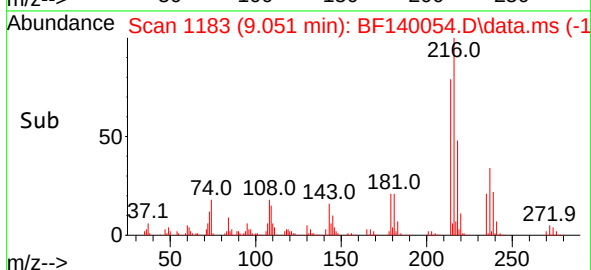
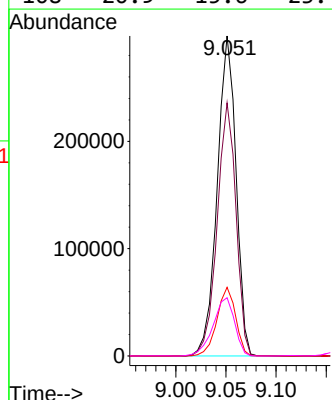
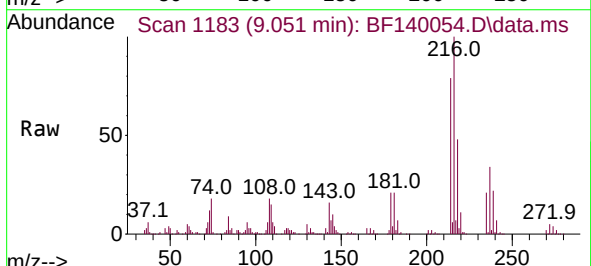
Ion Ratio Lower Upper

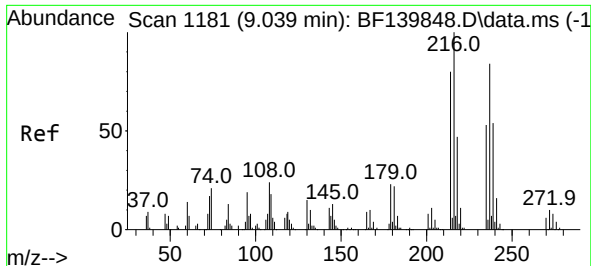
216 100

214 78.9 63.4 95.0

179 21.3 17.2 25.8

108 20.9 15.6 23.4

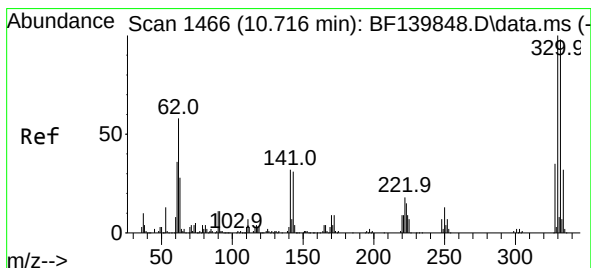
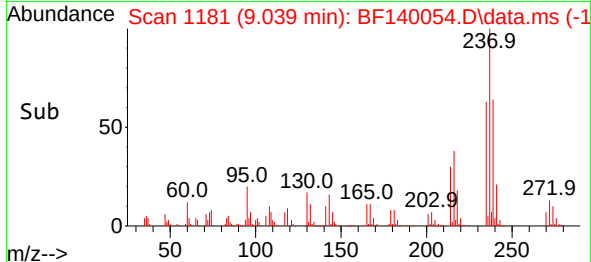
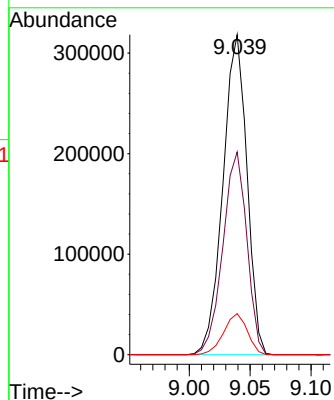
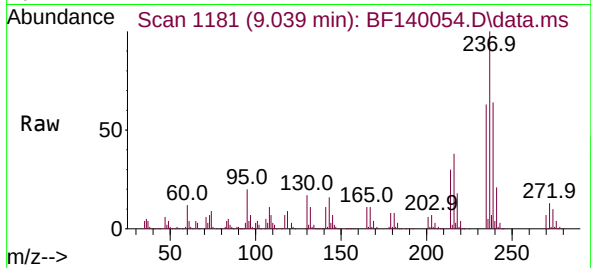




#41  
Hexachlorocyclopentadiene  
Concen: 138.794 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

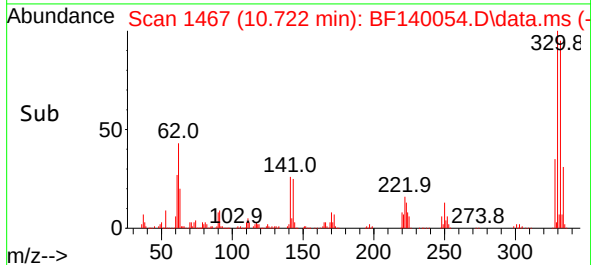
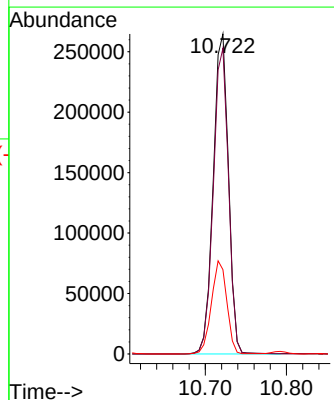
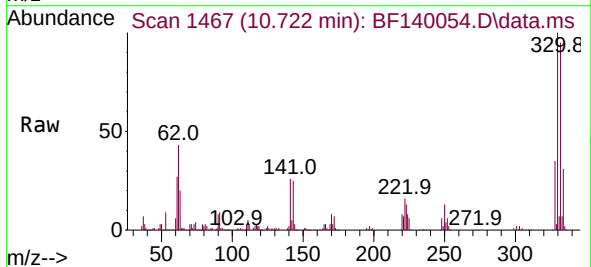
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion:237 Resp: 436660  
Ion Ratio Lower Upper  
237 100  
235 63.3 42.9 82.9  
272 12.9 0.0 32.3

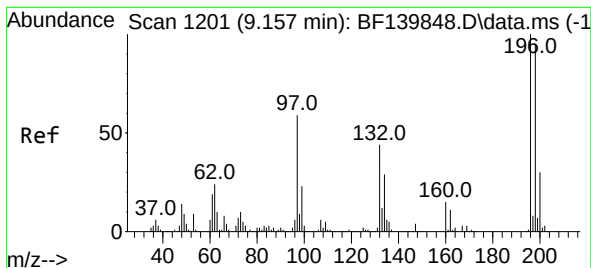


#42  
2,4,6-Tribromophenol  
Concen: 109.890 ng  
RT: 10.722 min Scan# 1467  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:330 Resp: 344493  
Ion Ratio Lower Upper  
330 100  
332 95.4 78.1 117.1  
141 29.4 26.6 39.8







#43

2,4,6-Trichlorophenol

Concen: 45.817 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

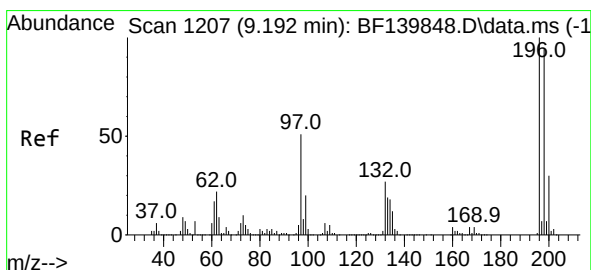
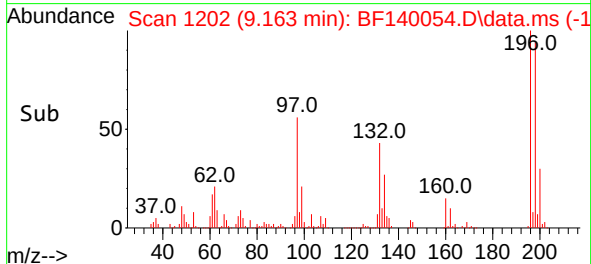
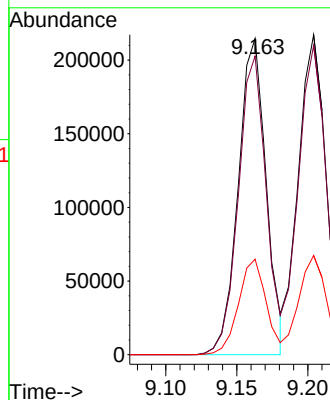
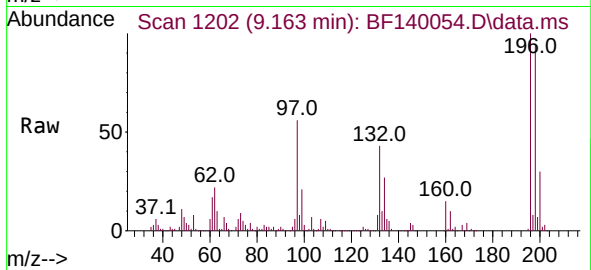
Tgt Ion:196 Resp: 293296

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 44.338 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion:196 Resp: 292834

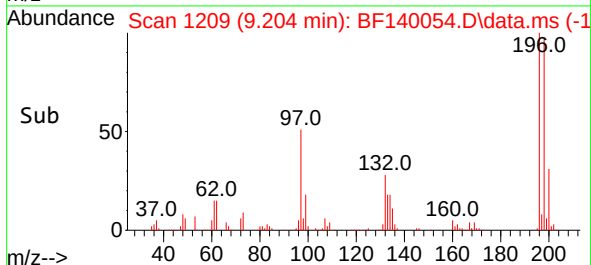
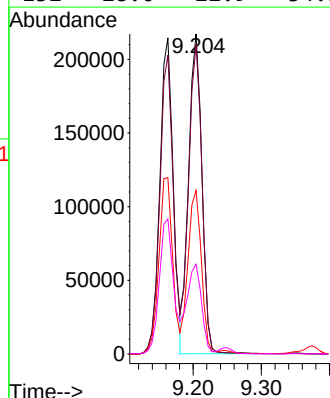
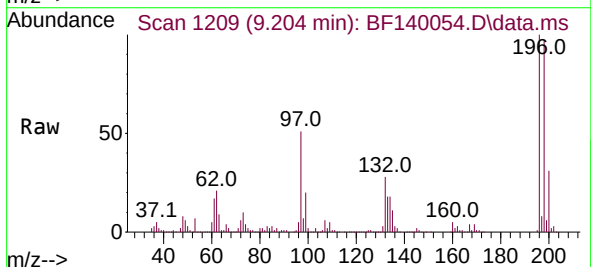
Ion Ratio Lower Upper

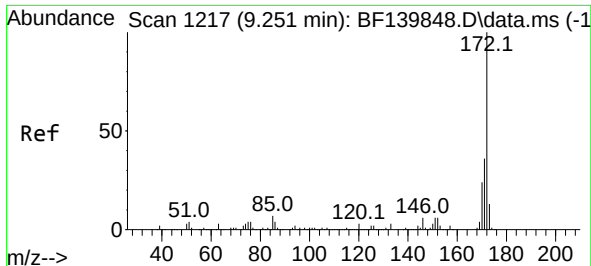
196 100

198 96.7 75.8 113.6

97 51.1 41.8 62.6

132 28.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 61.929 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

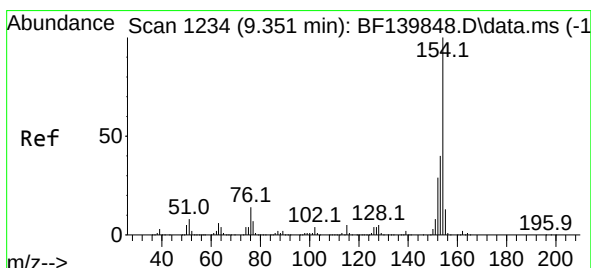
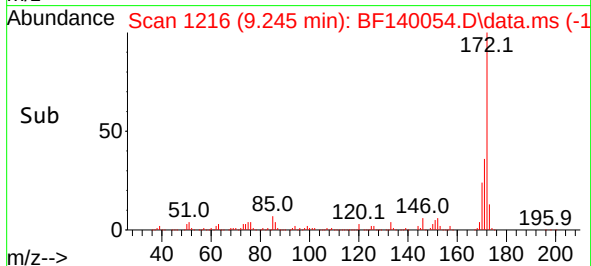
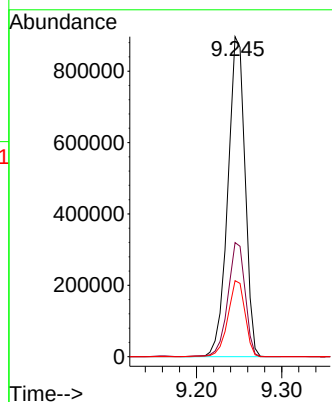
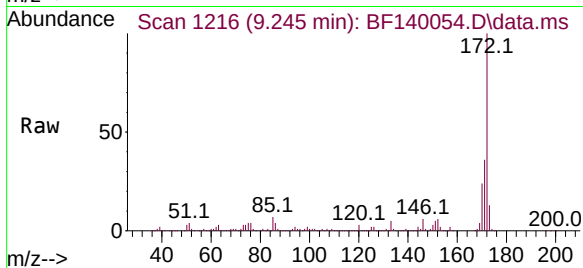
Tgt Ion:172 Resp: 1255858

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.966 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

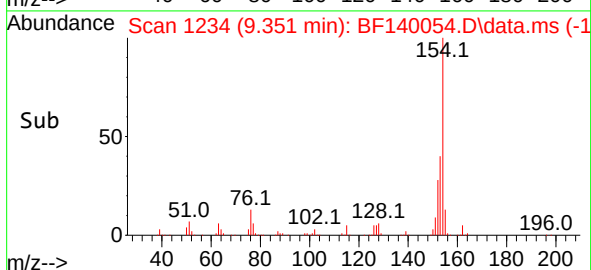
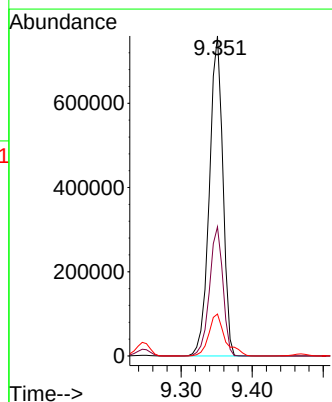
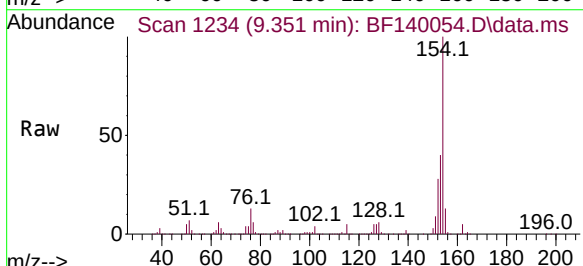
Tgt Ion:154 Resp: 1002450

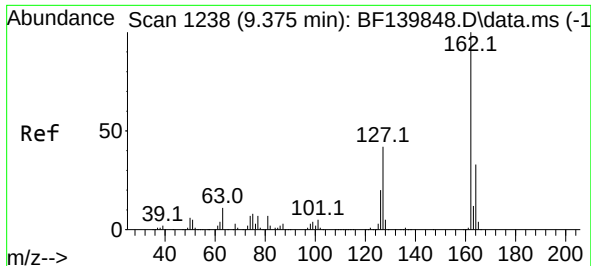
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.1 0.0 33.9

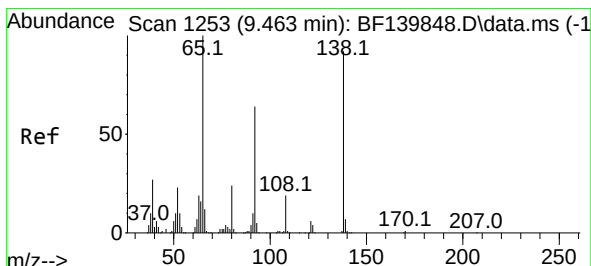
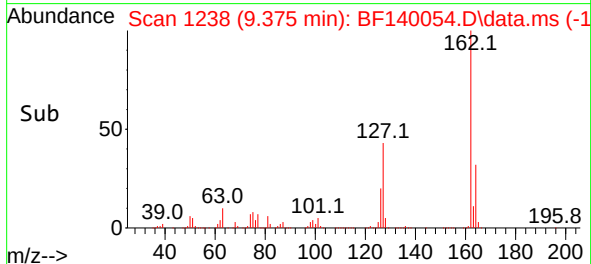
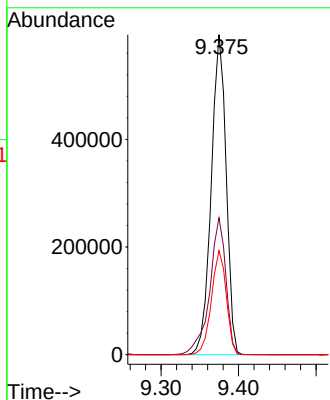
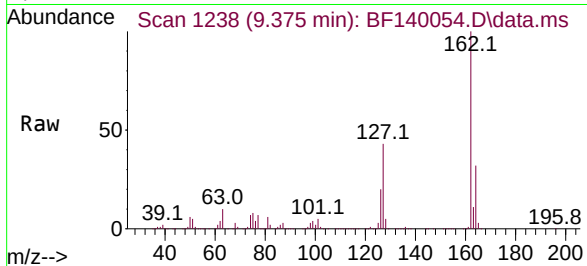




#47  
2-Chloronaphthalene  
Concen: 42.334 ng  
RT: 9.375 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

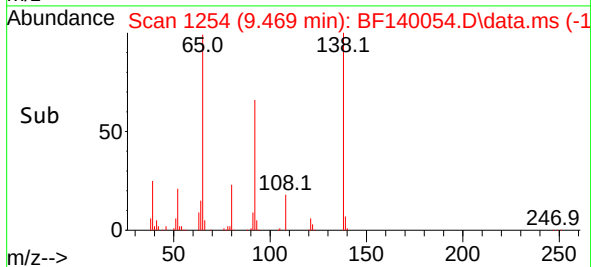
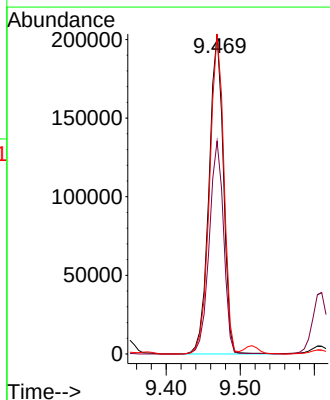
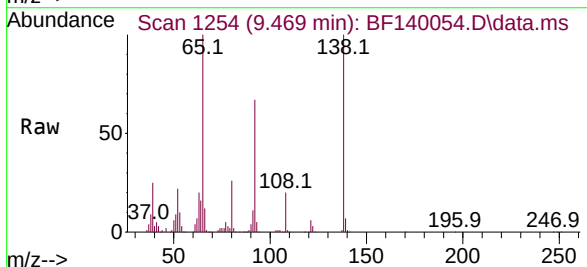
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

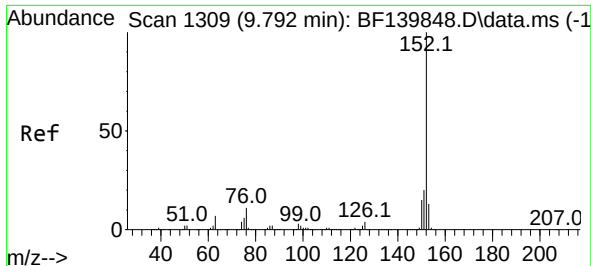
Tgt Ion:162 Resp: 795518  
Ion Ratio Lower Upper  
162 100  
127 42.7 33.8 50.6  
164 32.5 26.6 39.8



#48  
2-Nitroaniline  
Concen: 47.542 ng  
RT: 9.469 min Scan# 1254  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 65 Resp: 273231  
Ion Ratio Lower Upper  
65 100  
92 66.5 50.9 76.3  
138 100.0 73.4 110.0

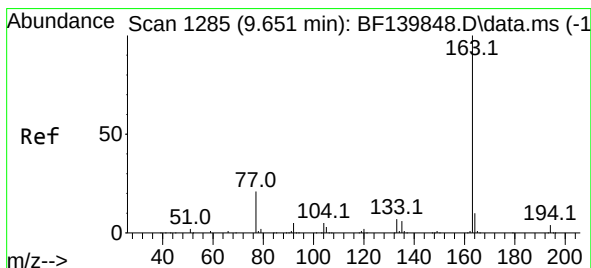
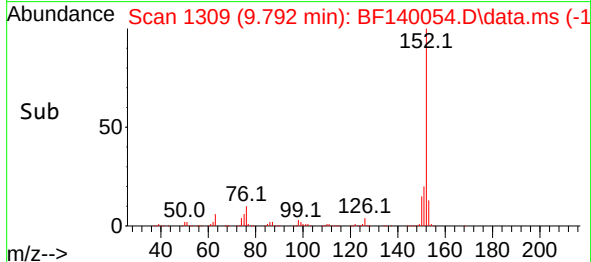
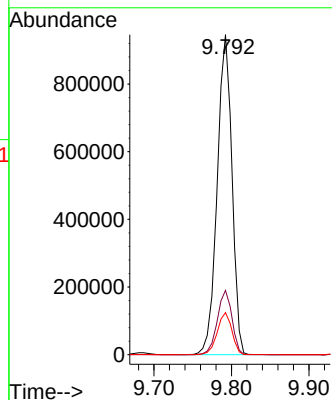
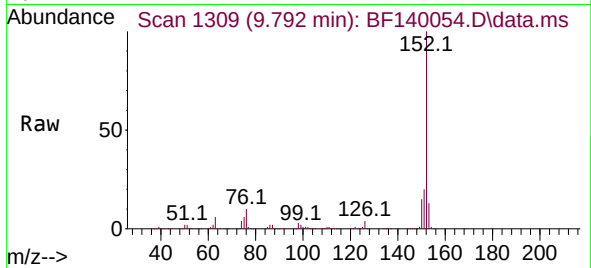




#49  
Acenaphthylene  
Concen: 46.019 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

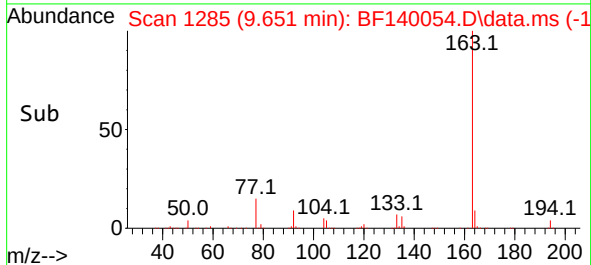
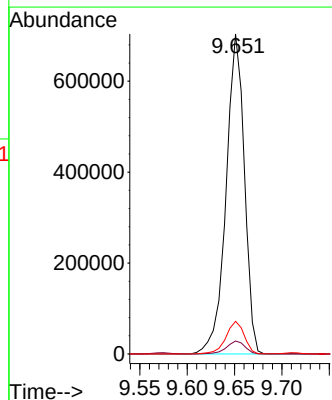
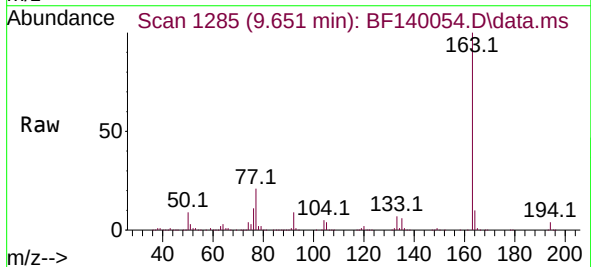
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

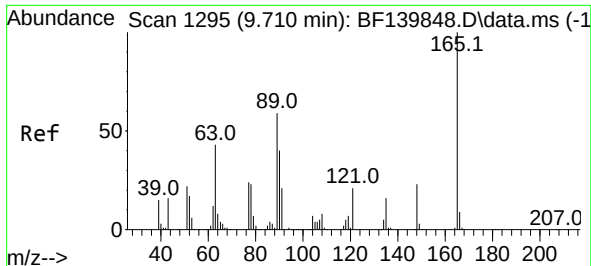
Tgt Ion:152 Resp: 1250172  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.2 10.7 16.1



#50  
Dimethylphthalate  
Concen: 45.346 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:163 Resp: 946635  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.2 8.2 12.2

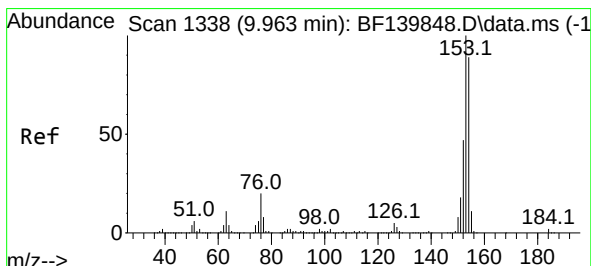
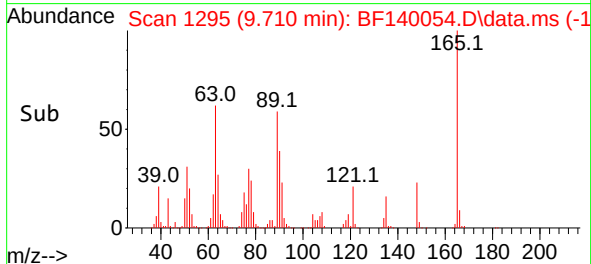
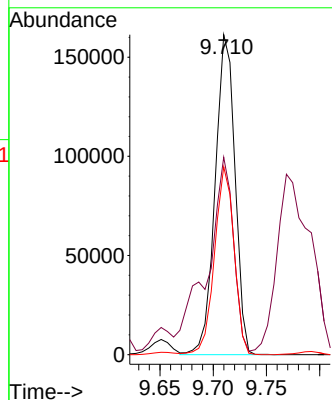
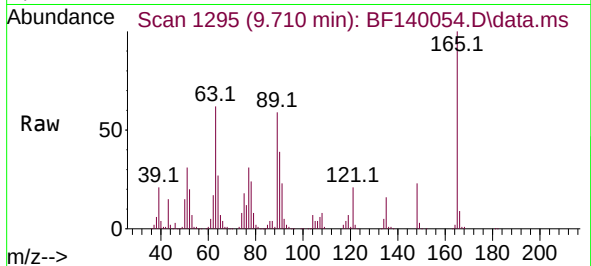




#51  
2,6-Dinitrotoluene  
Concen: 46.236 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

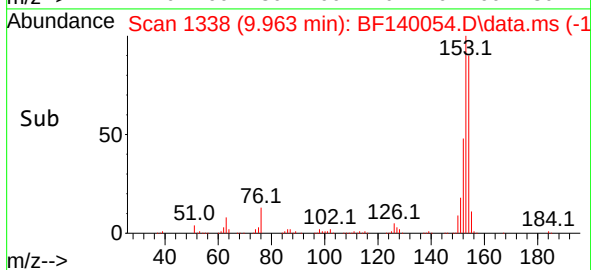
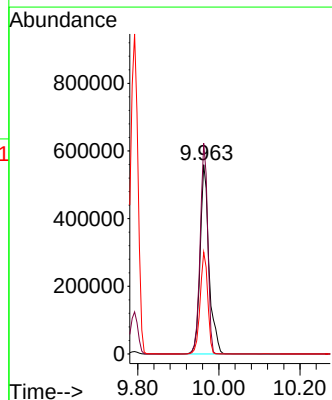
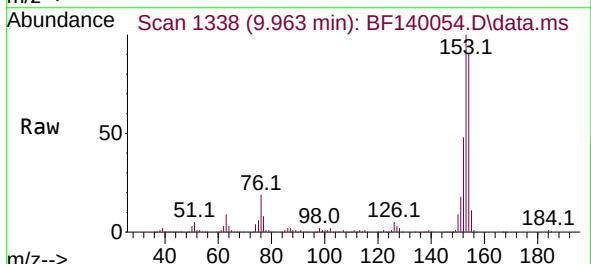
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

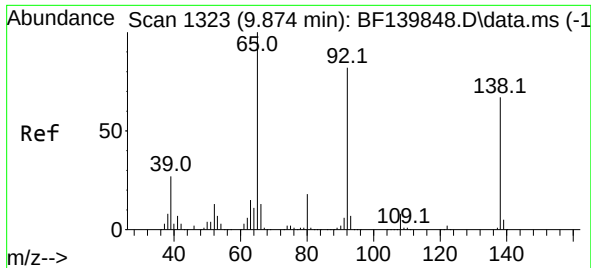
Tgt Ion:165 Resp: 208987  
Ion Ratio Lower Upper  
165 100  
63 61.7 50.6 75.8  
89 58.7 47.5 71.3



#52  
Acenaphthene  
Concen: 48.675 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:154 Resp: 855407  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.8 134.6  
152 53.8 42.4 63.6

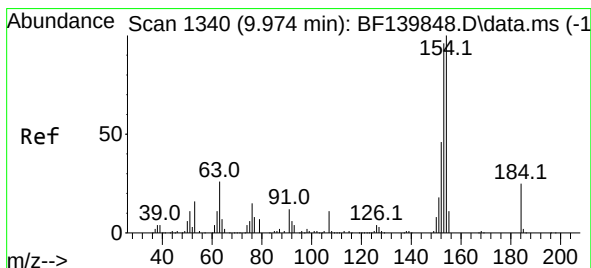
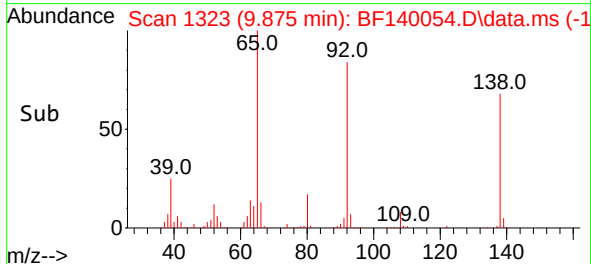
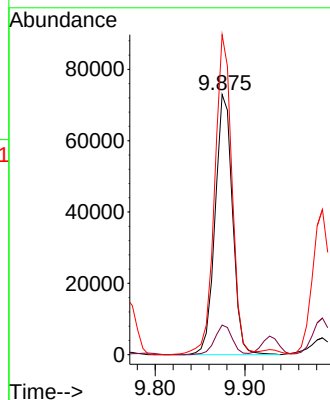
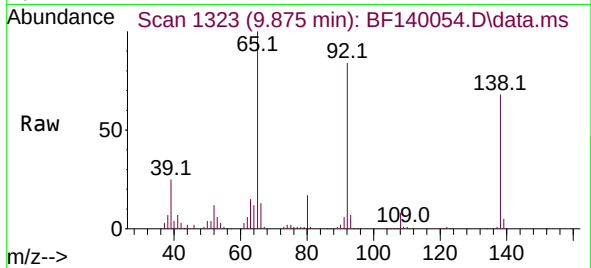




#53  
3-Nitroaniline  
Concen: 21.054 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

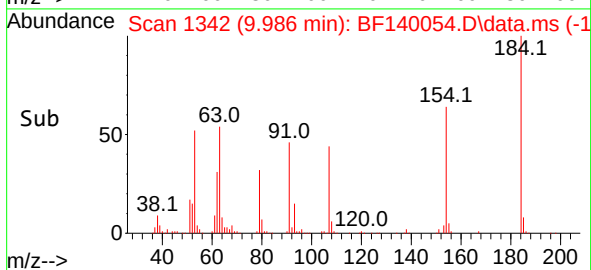
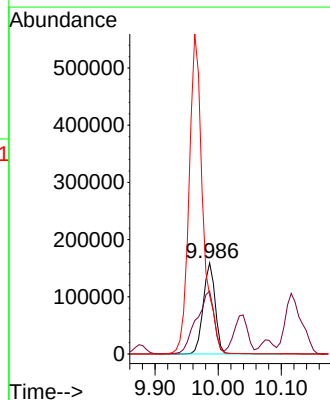
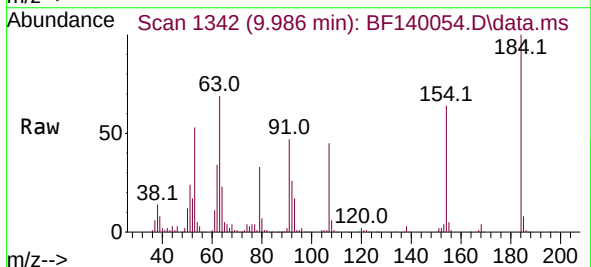
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

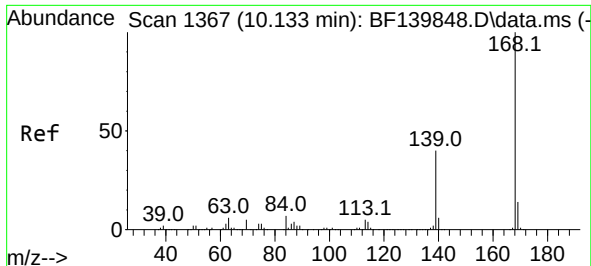
Tgt Ion:138 Resp: 98136  
Ion Ratio Lower Upper  
138 100  
108 11.4 10.2 15.2  
92 123.0 98.3 147.5



#54  
2,4-Dinitrophenol  
Concen: 109.414 ng  
RT: 9.986 min Scan# 1342  
Delta R.T. 0.012 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:184 Resp: 210385  
Ion Ratio Lower Upper  
184 100  
63 69.1 84.7 127.1#  
154 64.4 338.2 507.2#

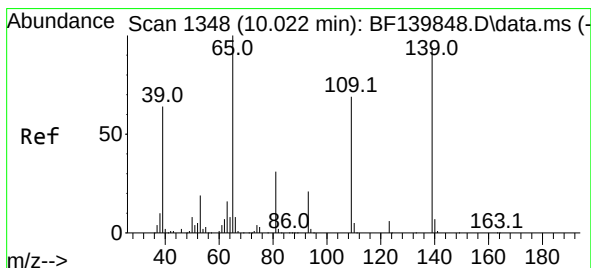
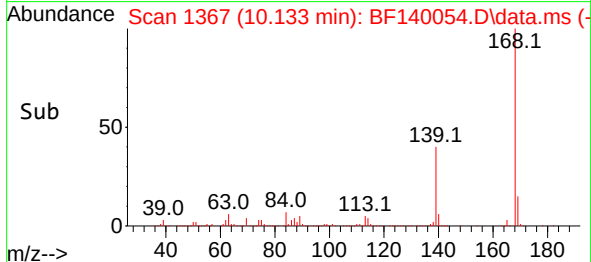
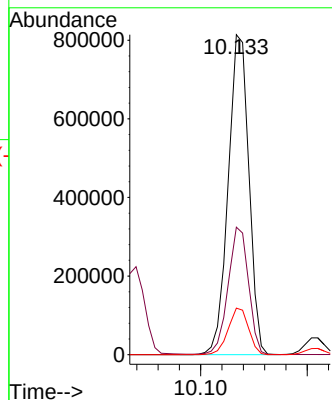
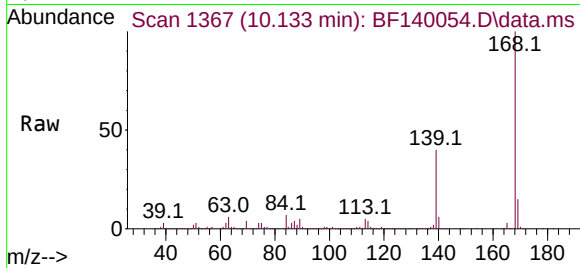




#55  
Dibenzofuran  
Concen: 43.657 ng  
RT: 10.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

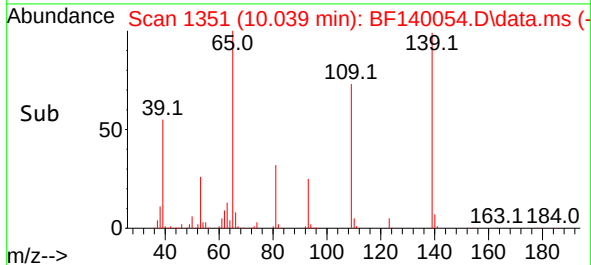
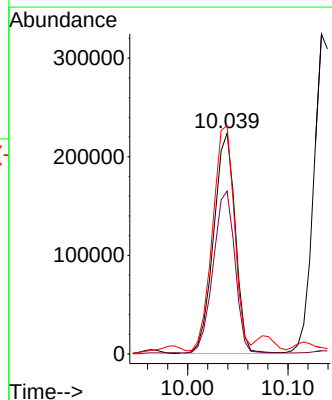
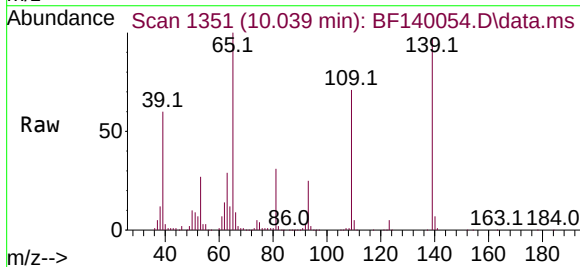
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

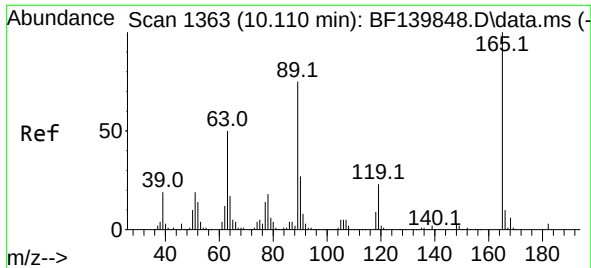
Tgt Ion:168 Resp: 1100794  
Ion Ratio Lower Upper  
168 100  
139 39.9 31.8 47.6  
169 14.6 11.6 17.4



#56  
4-Nitrophenol  
Concen: 93.426 ng  
RT: 10.039 min Scan# 1351  
Delta R.T. 0.018 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:139 Resp: 335038  
Ion Ratio Lower Upper  
139 100  
109 73.8 53.6 93.6  
65 103.5 87.8 127.8

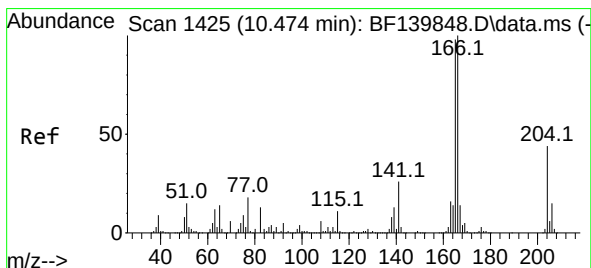
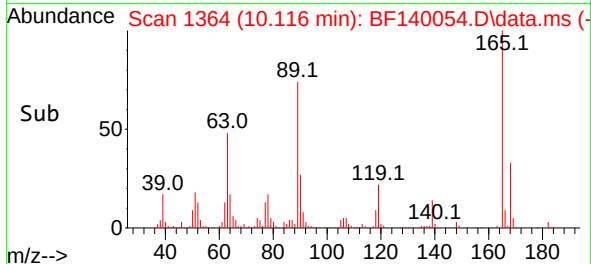
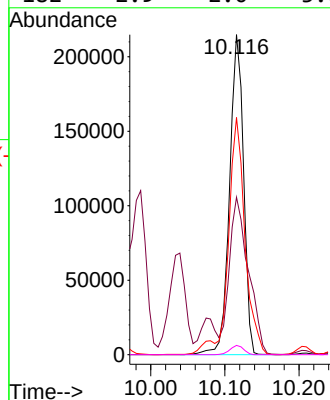
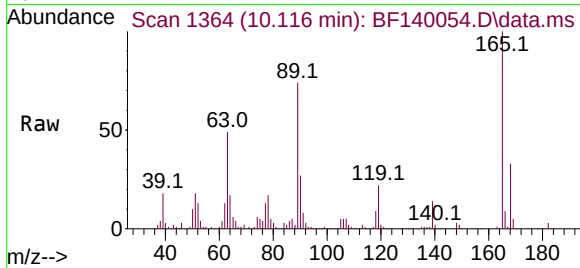




#57  
2,4-Dinitrotoluene  
Concen: 50.617 ng  
RT: 10.116 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

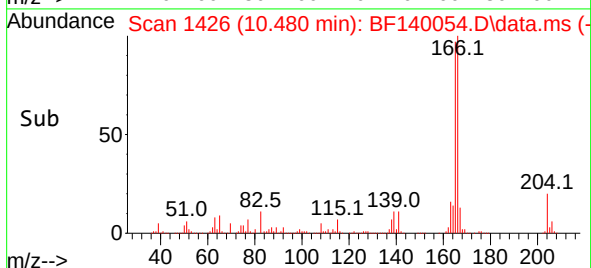
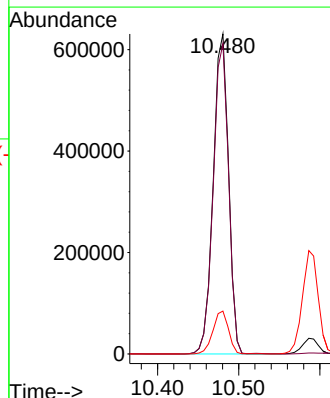
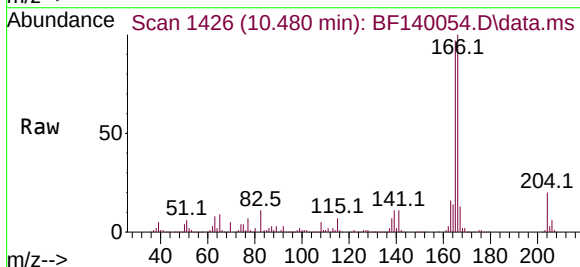
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion:165 Resp: 281352  
Ion Ratio Lower Upper  
165 100  
63 49.2 40.1 60.1  
89 74.1 60.4 90.6  
182 2.9 2.0 3.0

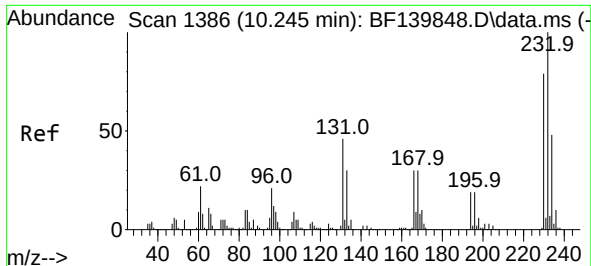


#58  
Fluorene  
Concen: 43.097 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:166 Resp: 827662  
Ion Ratio Lower Upper  
166 100  
165 97.0 78.5 117.7  
167 13.4 10.9 16.3



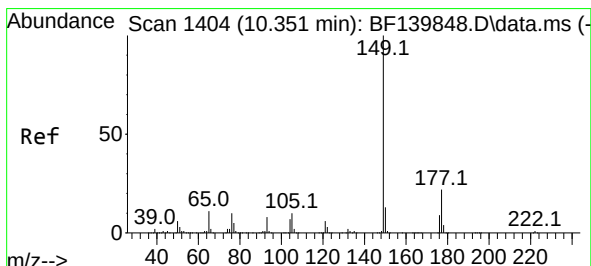
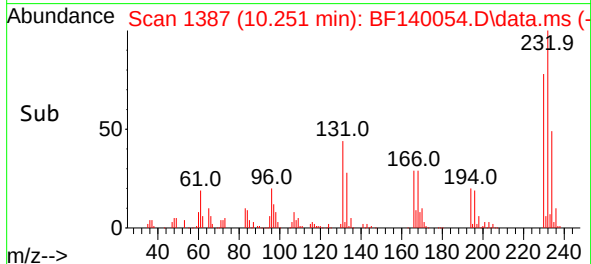
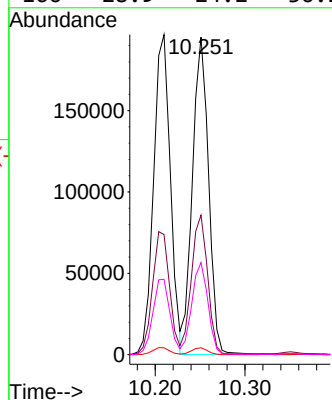
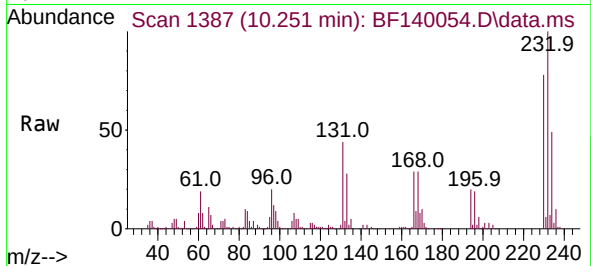




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.046 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

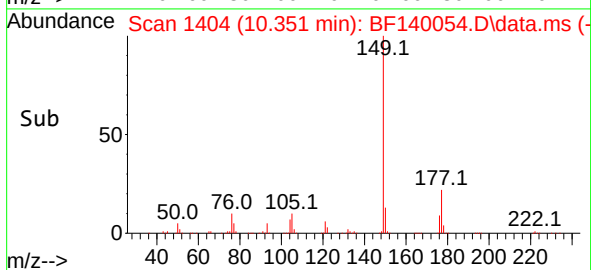
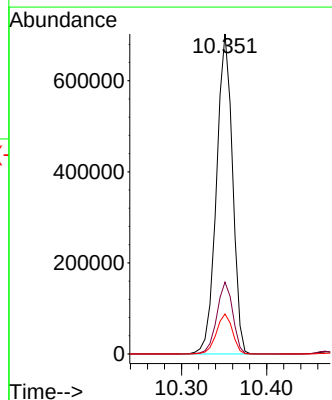
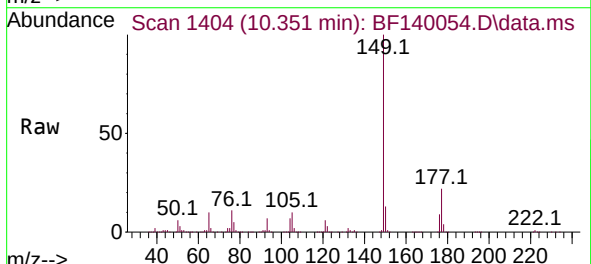
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

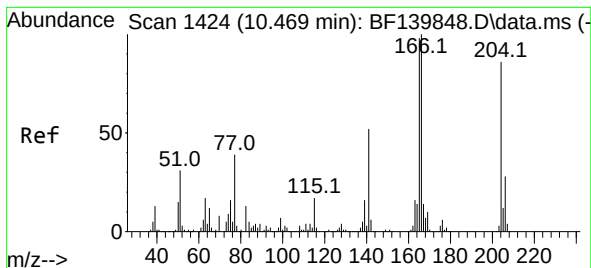
Tgt Ion:232 Resp: 243584  
Ion Ratio Lower Upper  
232 100  
131 44.4 37.0 55.6  
130 2.2 1.9 2.9  
166 28.9 24.2 36.2



#60  
Diethylphthalate  
Concen: 44.825 ng  
RT: 10.351 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:149 Resp: 918781  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.9 26.9  
150 12.5 10.1 15.1

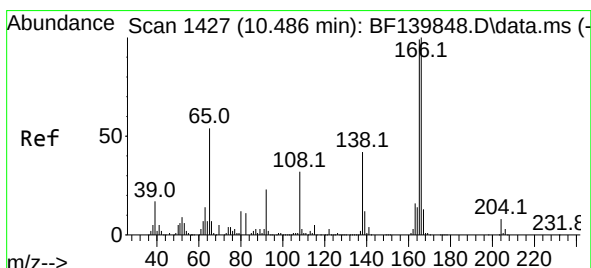
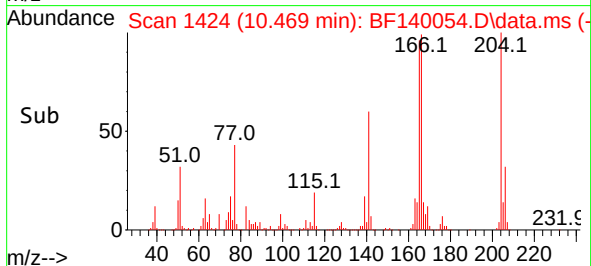
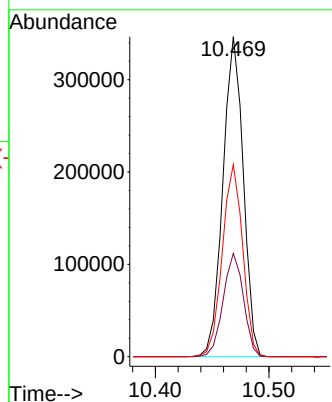
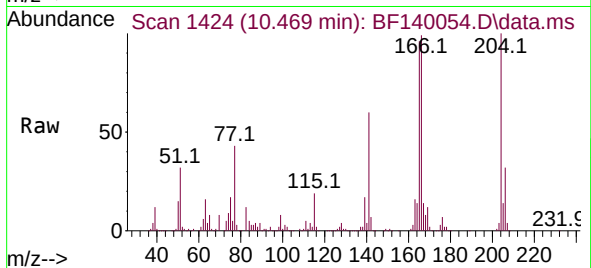




#61  
4-Chlorophenyl-phenylether  
Concen: 44.504 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

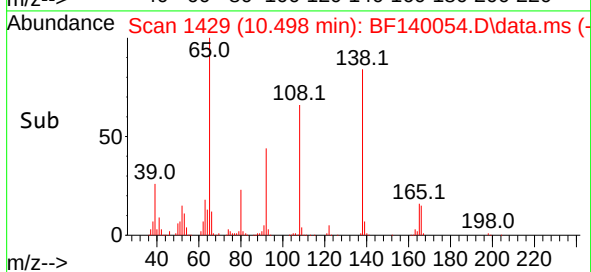
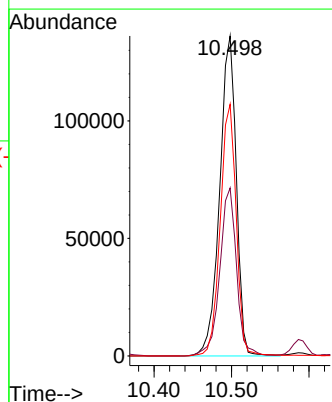
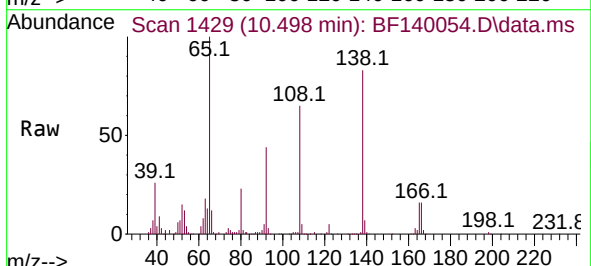
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

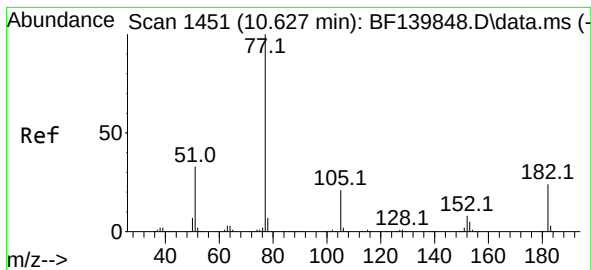
Tgt Ion:204 Resp: 431623  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.3 39.5  
141 60.0 48.6 73.0



#62  
4-Nitroaniline  
Concen: 46.288 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. 0.012 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:138 Resp: 203776  
Ion Ratio Lower Upper  
138 100  
92 52.5 35.7 75.7  
108 78.6 57.5 97.5



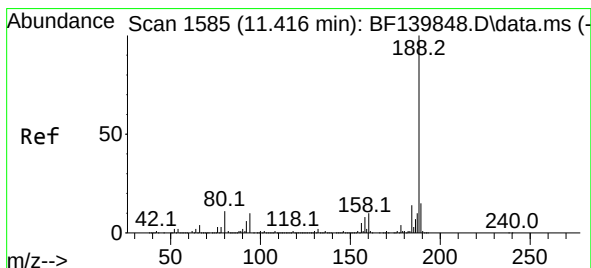
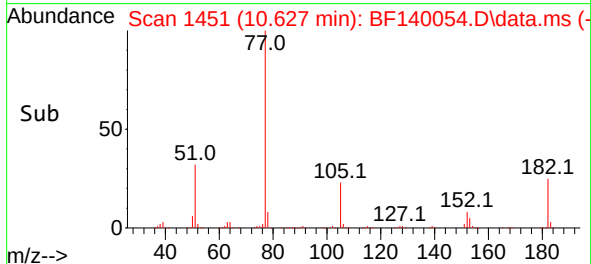
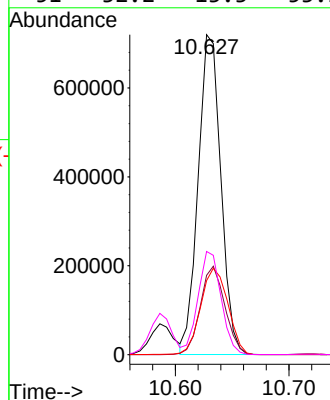
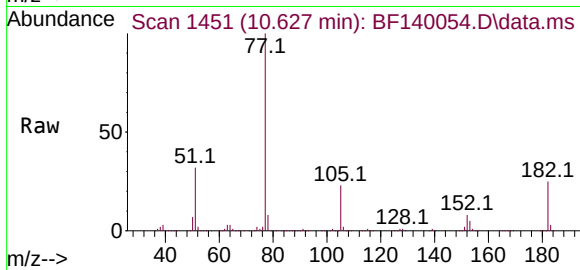


#63  
Azobenzene  
Concen: 46.069 ng  
RT: 10.627 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion: 77 Resp: 1001082

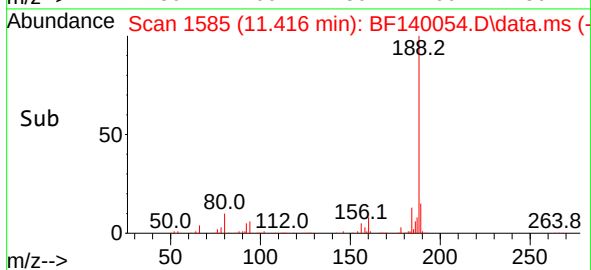
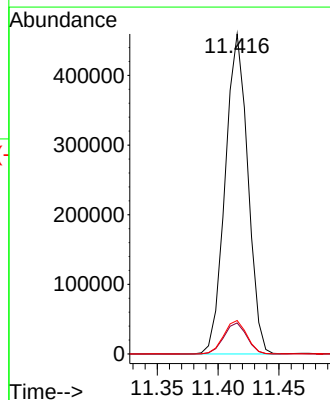
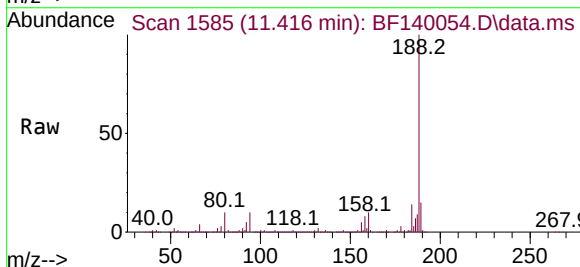
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.8  | 3.3   | 43.3  |
| 105 | 23.1  | 1.2   | 41.2  |
| 51  | 32.2  | 13.3  | 53.3  |

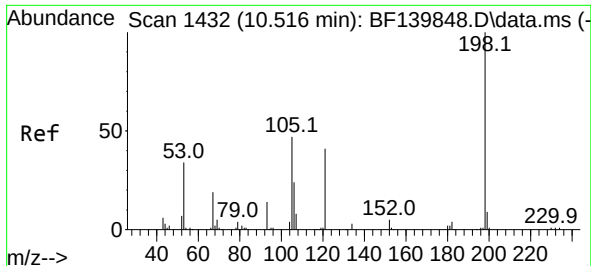


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion: 188 Resp: 594611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.7   | 7.9   | 11.9  |
| 80  | 10.5  | 9.0   | 13.4  |

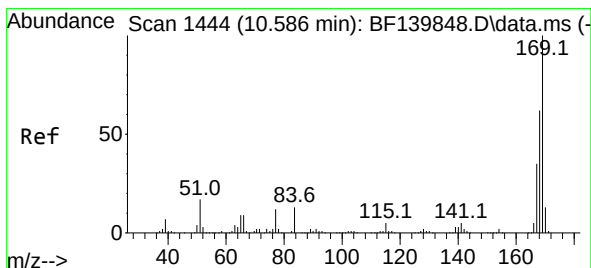
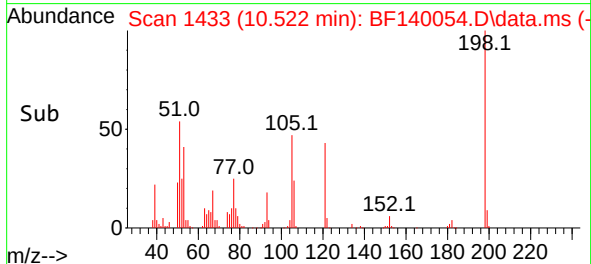
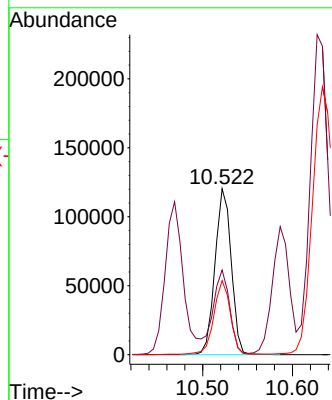
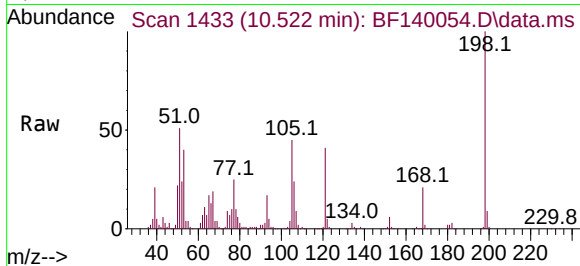




#65  
4,6-Dinitro-2-methylphenol  
Concen: 62.225 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

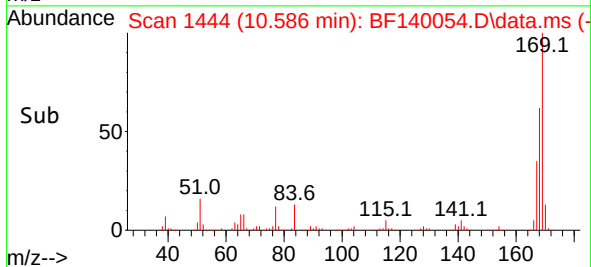
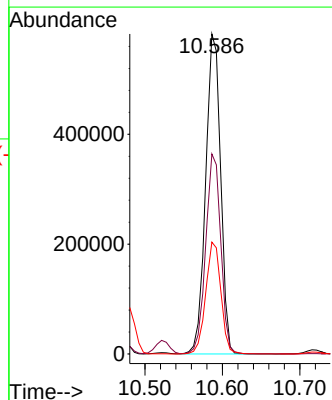
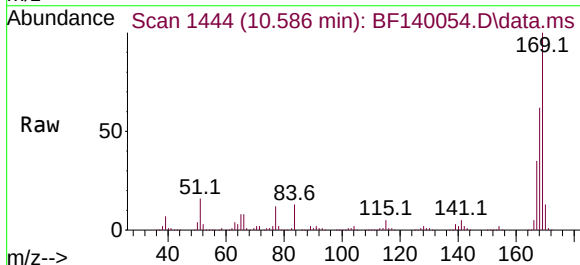
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

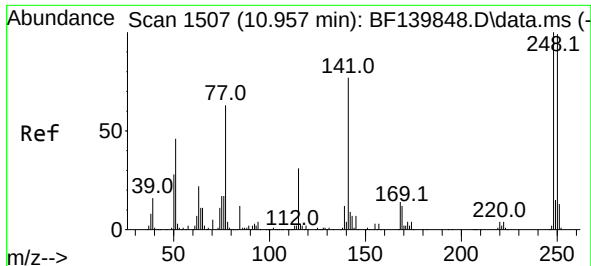
Tgt Ion:198 Resp: 150921  
Ion Ratio Lower Upper  
198 100  
51 51.1 38.2 78.2  
105 44.7 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 43.862 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:169 Resp: 780591  
Ion Ratio Lower Upper  
169 100  
168 62.5 49.8 74.6  
167 35.0 28.0 42.0

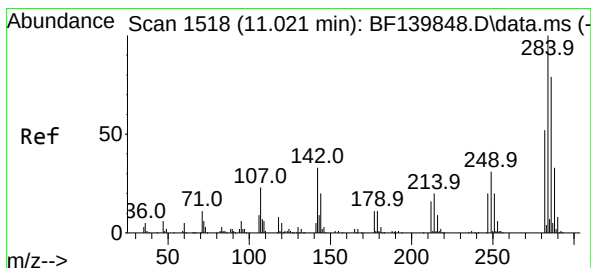
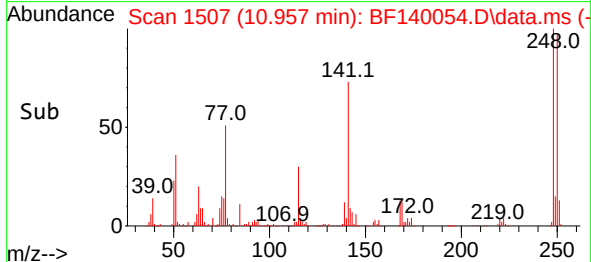
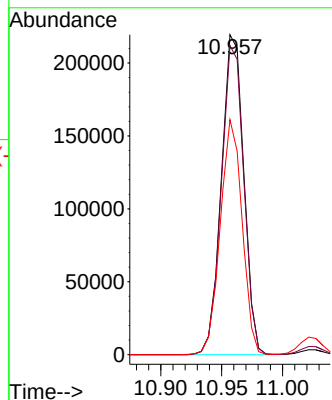
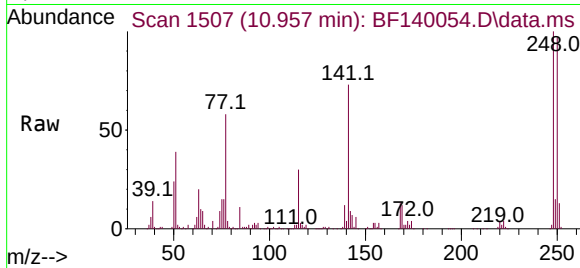




#67  
4-Bromophenyl-phenylether  
Concen: 45.931 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

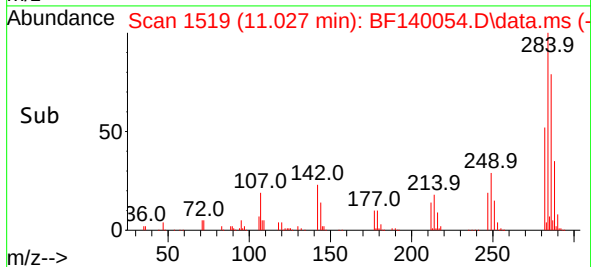
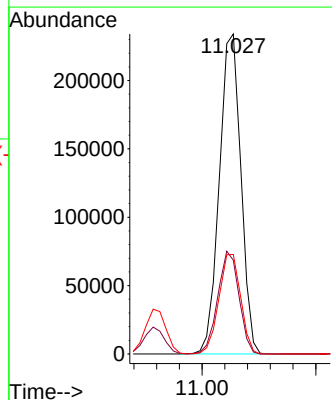
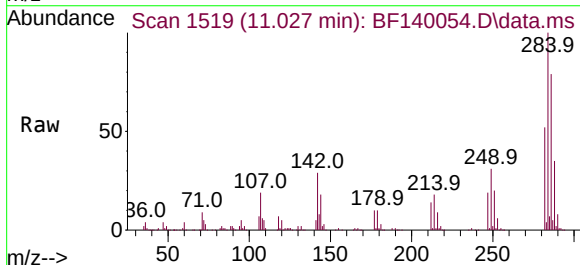
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

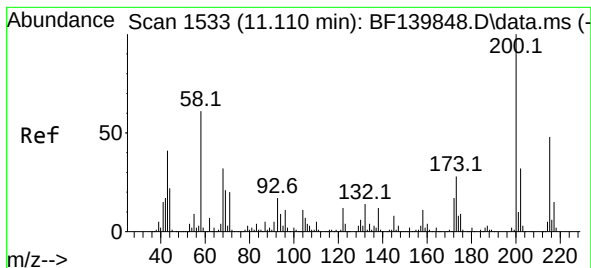
Tgt Ion:248 Resp: 281354  
Ion Ratio Lower Upper  
248 100  
250 96.6 79.0 118.6  
141 73.5 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 44.799 ng  
RT: 11.027 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:284 Resp: 308632  
Ion Ratio Lower Upper  
284 100  
142 29.3 26.9 40.3  
249 31.1 25.3 37.9





#69

Atrazine

Concen: 53.619 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

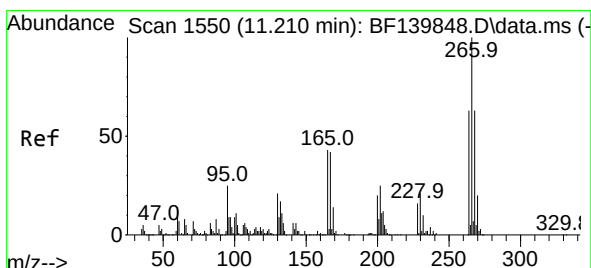
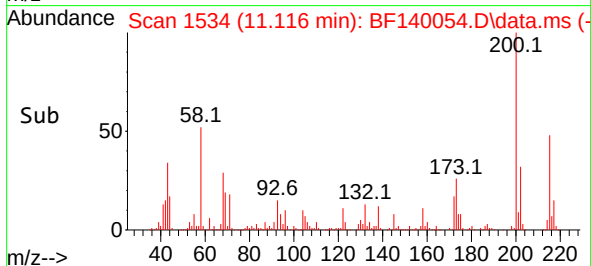
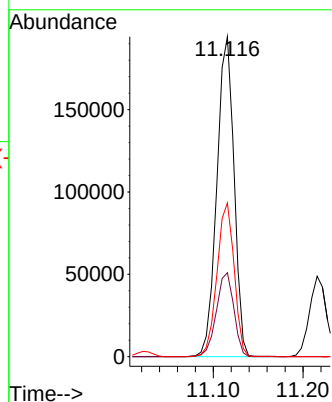
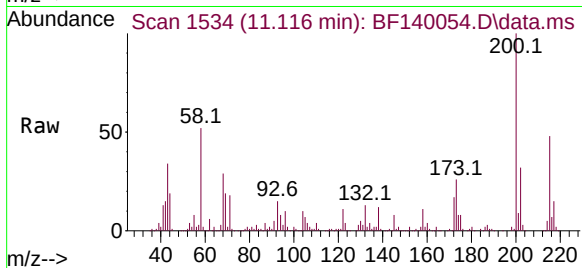
Tgt Ion:200 Resp: 258486

Ion Ratio Lower Upper

200 100

173 26.3 7.7 47.7

215 48.1 27.7 67.7



#70

Pentachlorophenol

Concen: 85.300 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

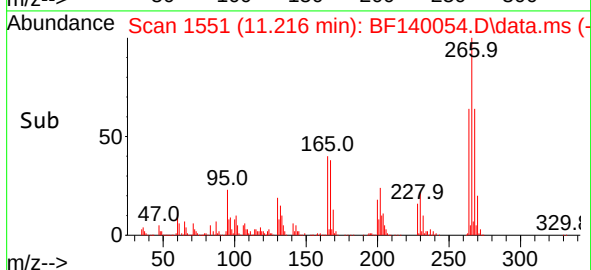
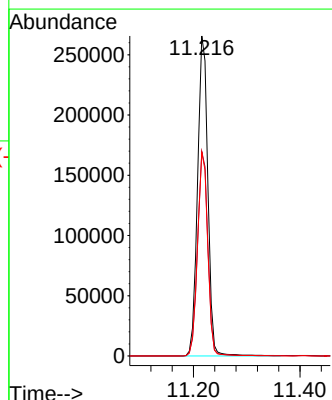
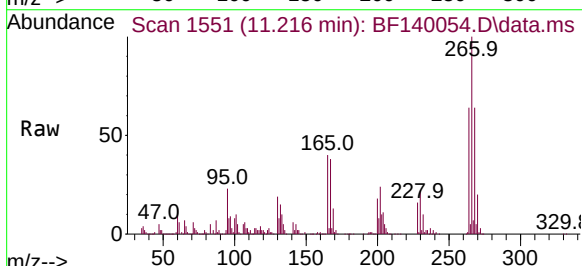
Tgt Ion:266 Resp: 356651

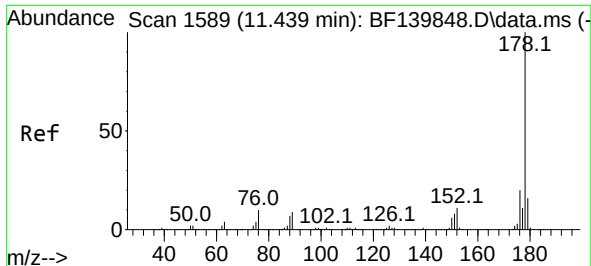
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.6 75.8

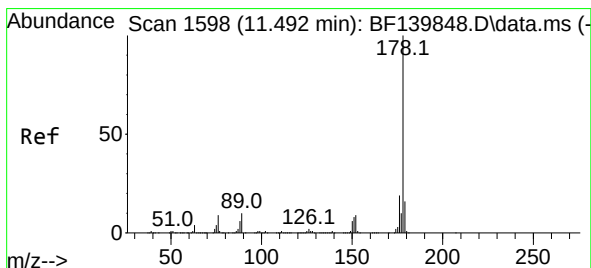
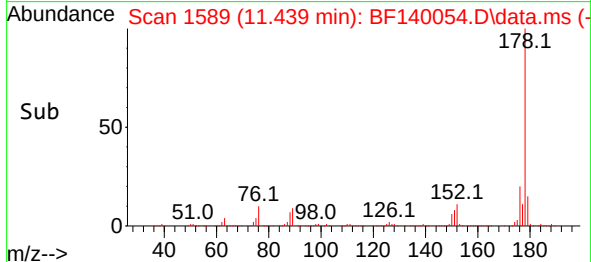
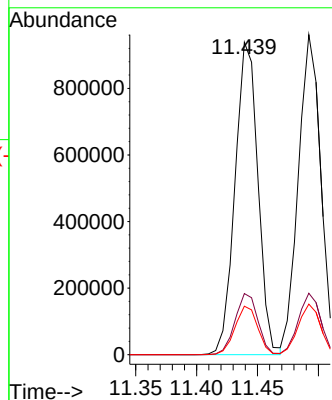
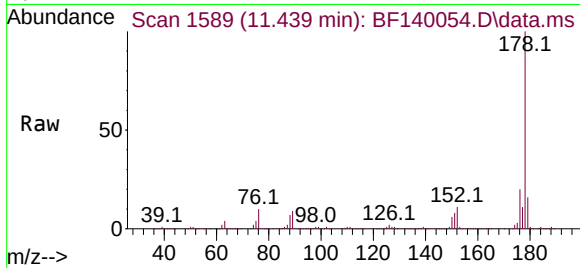




#71  
Phenanthrene  
Concen: 43.902 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

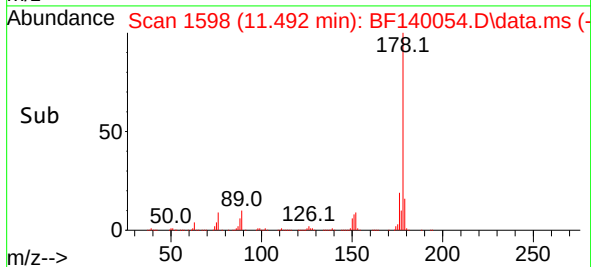
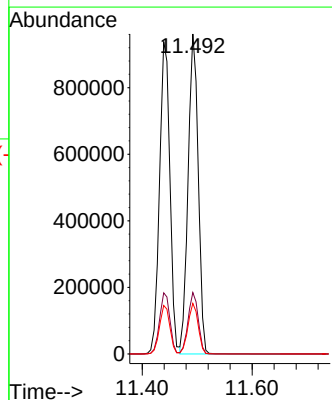
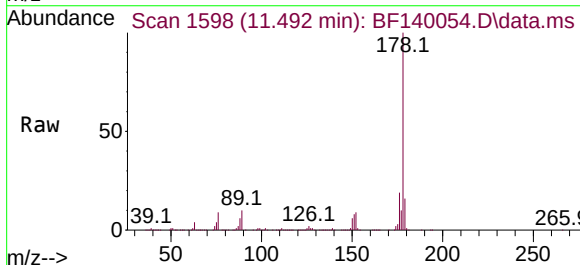
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

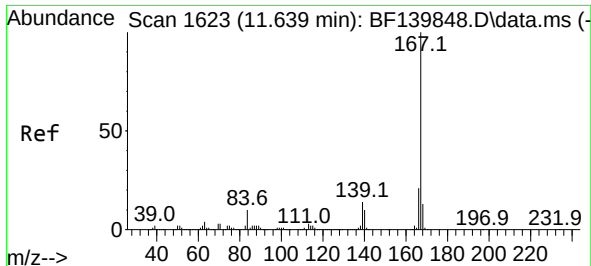
Tgt Ion:178 Resp: 1233063  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.6  
179 15.5 12.6 18.8



#72  
Anthracene  
Concen: 44.815 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

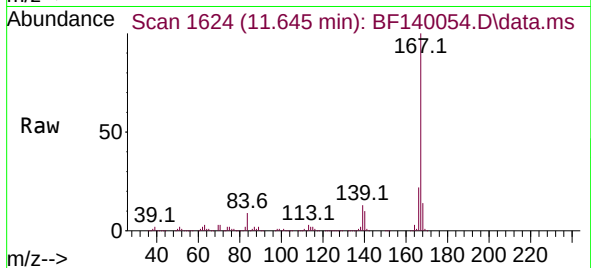
Tgt Ion:178 Resp: 1228106  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.8 12.4 18.6



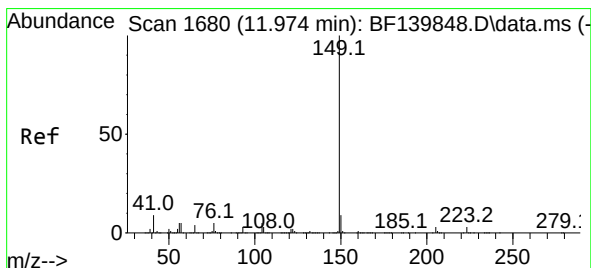
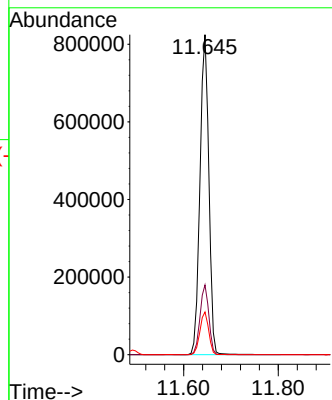
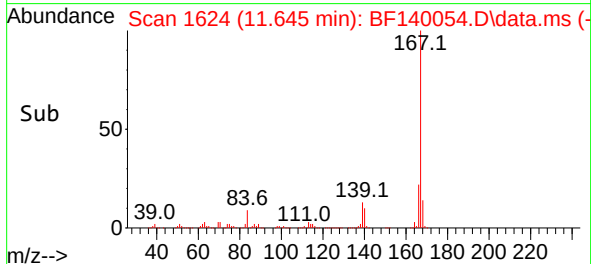


#73  
Carbazole  
Concen: 42.150 ng  
RT: 11.645 min Scan# 1624  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

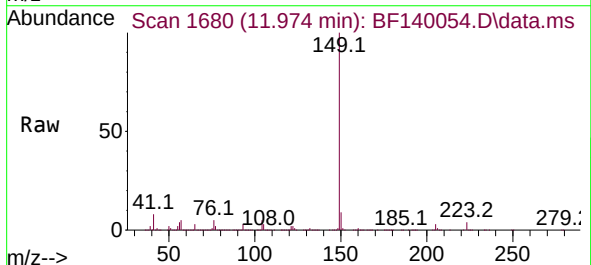
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS



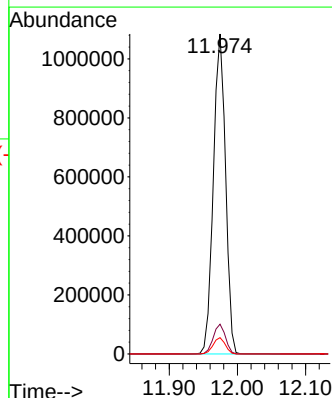
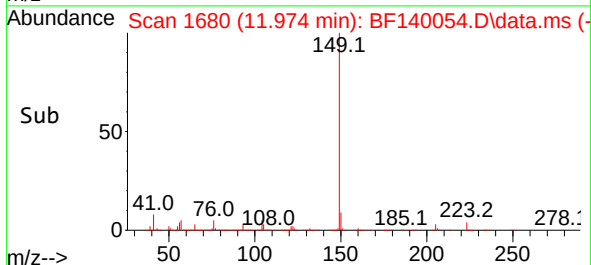
Tgt Ion:167 Resp: 1074236  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.0 25.6  
139 13.4 10.8 16.2



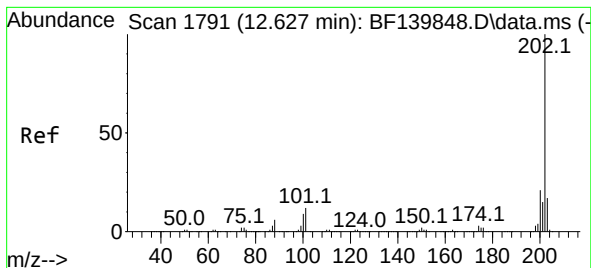
#74  
Di-n-butylphthalate  
Concen: 45.824 ng  
RT: 11.974 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34



Tgt Ion:149 Resp: 1349305  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 5.1 4.1 6.1







#75

Fluoranthene

Concen: 40.470 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

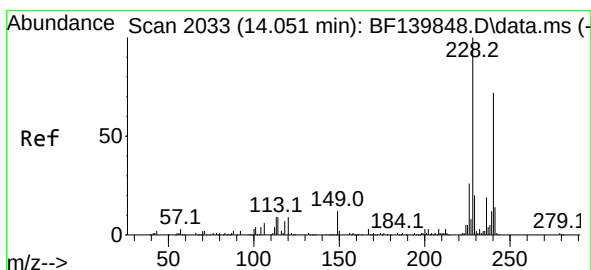
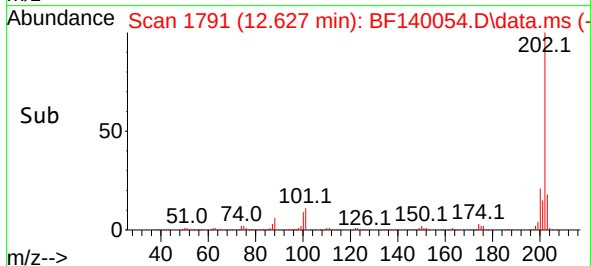
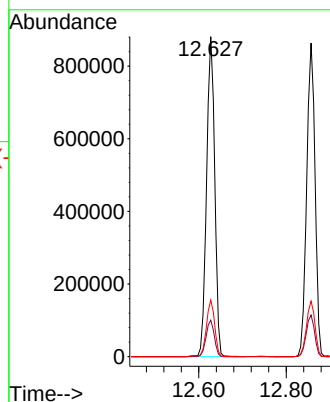
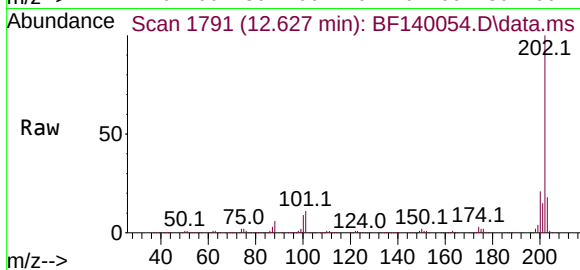
Tgt Ion:202 Resp: 1149087

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.9

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

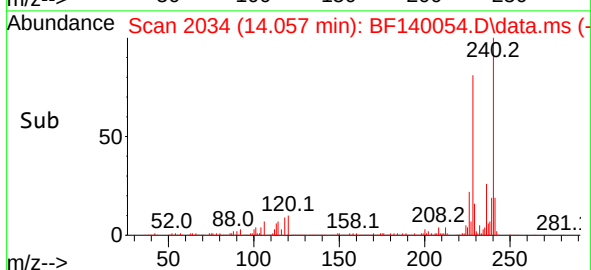
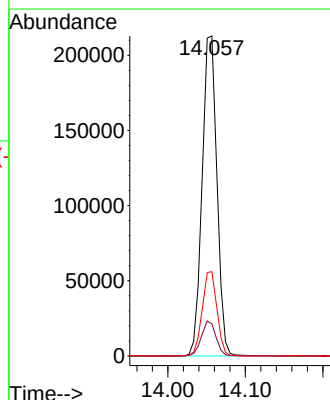
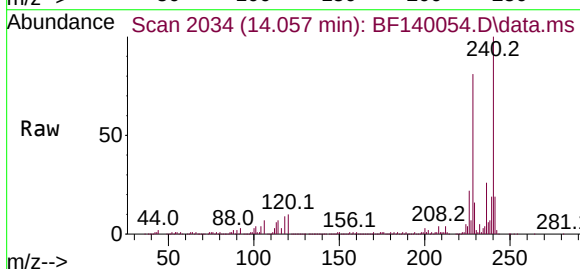
Tgt Ion:240 Resp: 282495

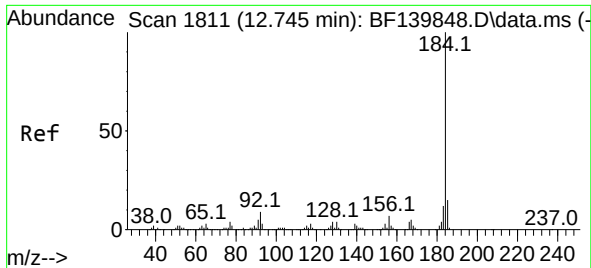
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 26.4 20.9 31.3

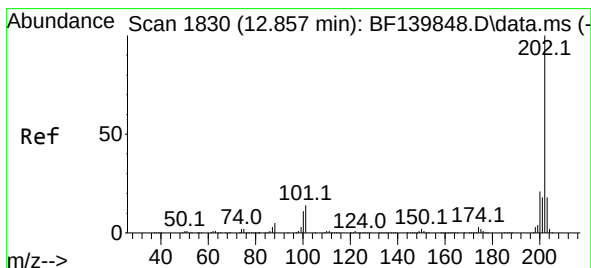
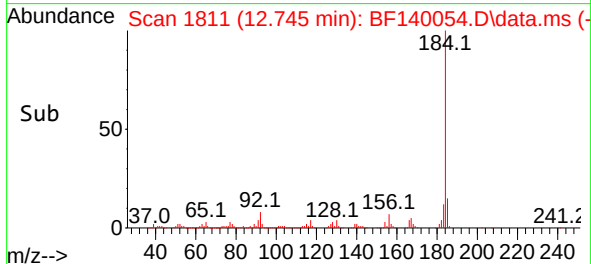
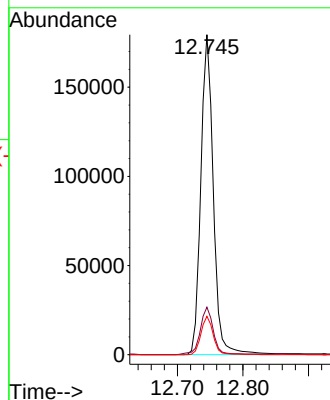
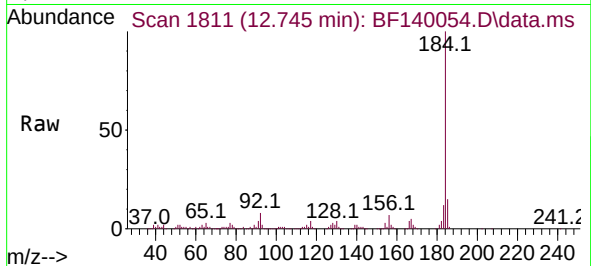




#77  
Benzidine  
Concen: 51.369 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

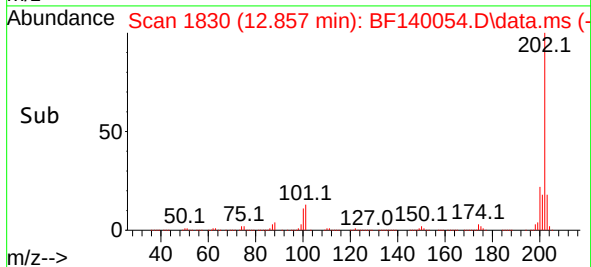
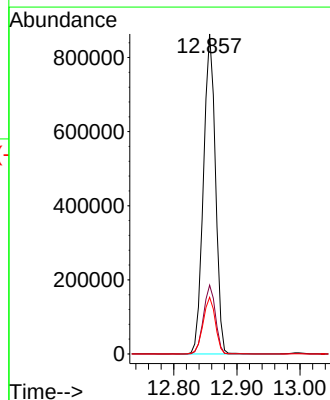
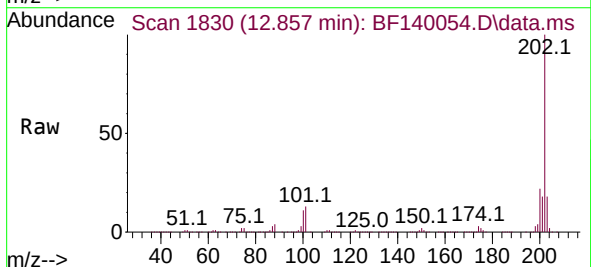
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

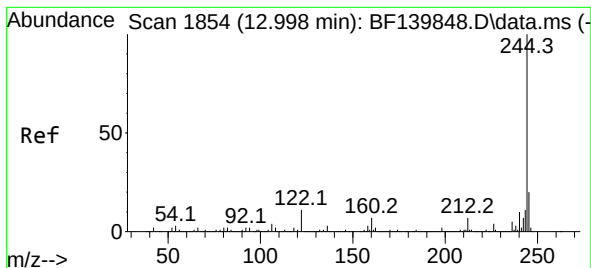
Tgt Ion:184 Resp: 238617  
Ion Ratio Lower Upper  
184 100  
185 14.9 12.0 18.0  
183 12.0 9.4 14.2



#78  
Pyrene  
Concen: 46.013 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:202 Resp: 1137794  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.2 25.8  
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 71.602 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

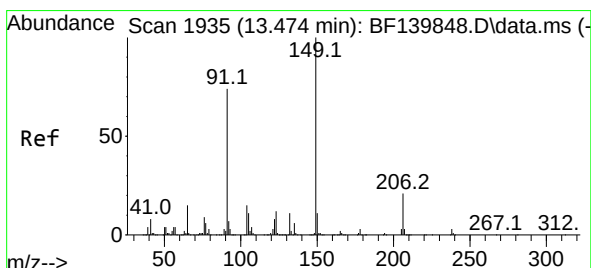
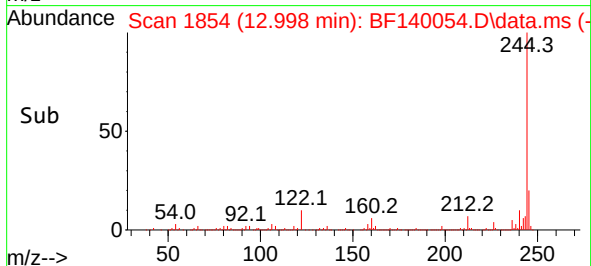
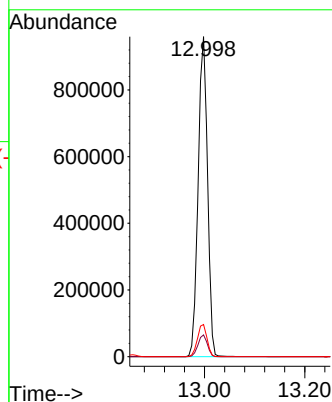
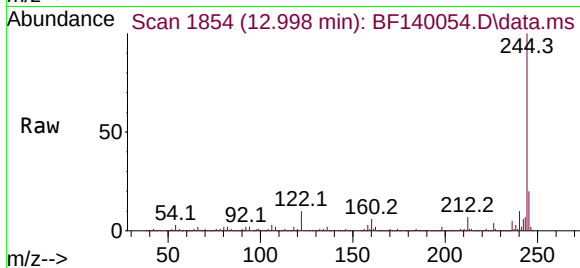
Tgt Ion:244 Resp: 1241337

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 60.214 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

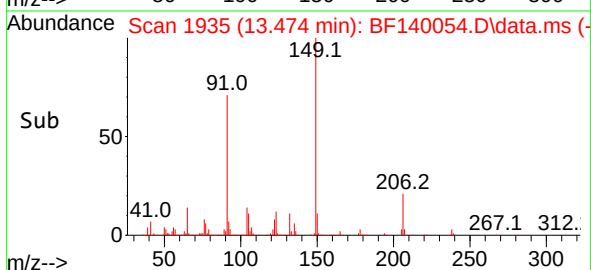
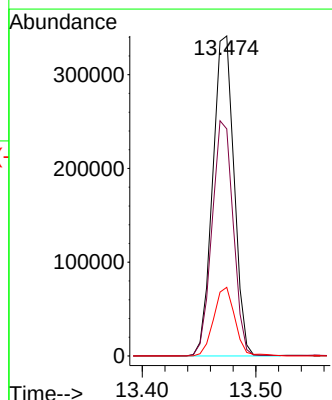
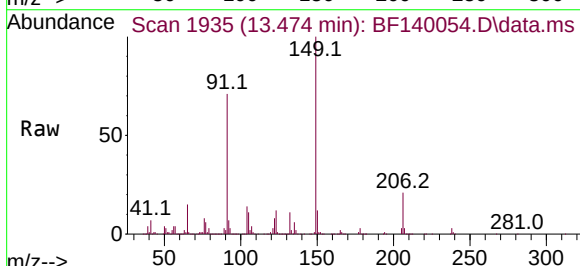
Tgt Ion:149 Resp: 446393

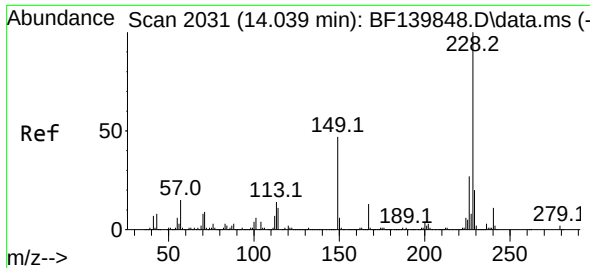
Ion Ratio Lower Upper

149 100

91 70.9 59.4 89.2

206 21.4 16.4 24.6

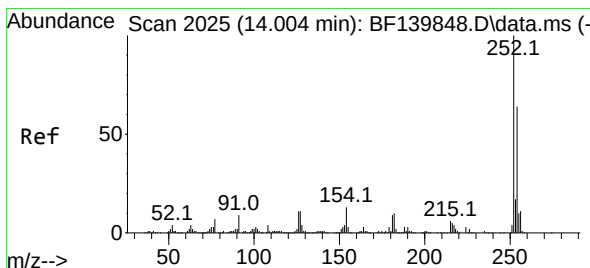
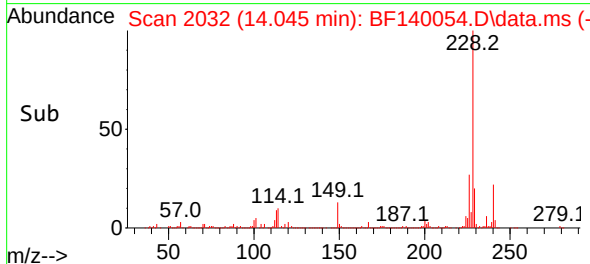
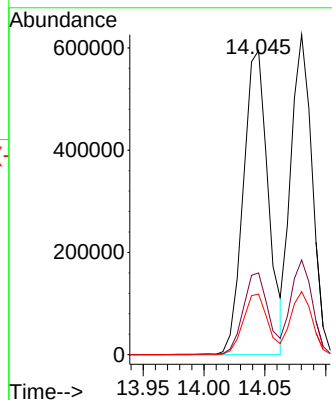
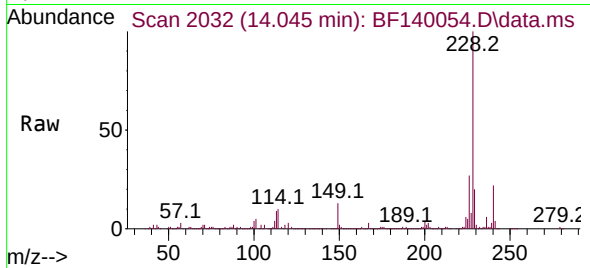




#81  
Benzo(a)anthracene  
Concen: 46.115 ng  
RT: 14.045 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

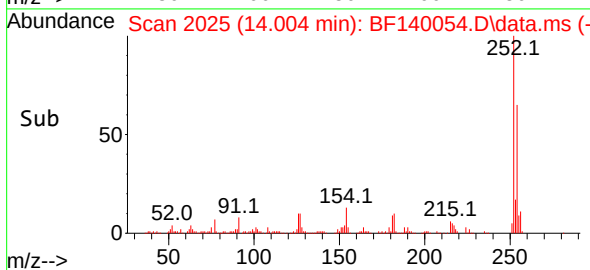
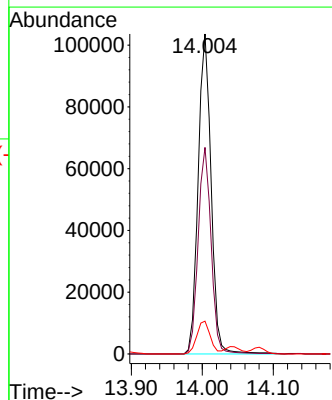
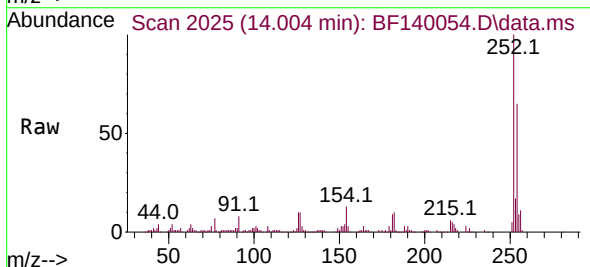
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

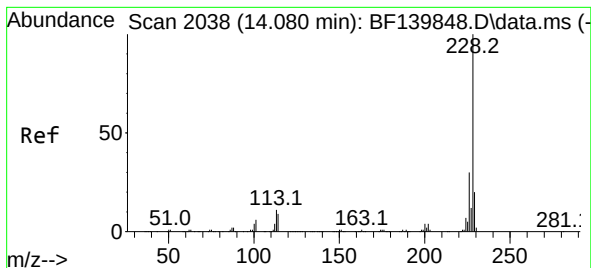
Tgt Ion:228 Resp: 848023  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 24.536 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:252 Resp: 131557  
Ion Ratio Lower Upper  
252 100  
254 64.5 50.8 76.2  
126 10.3 8.9 13.3





#83

Chrysene

Concen: 45.259 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

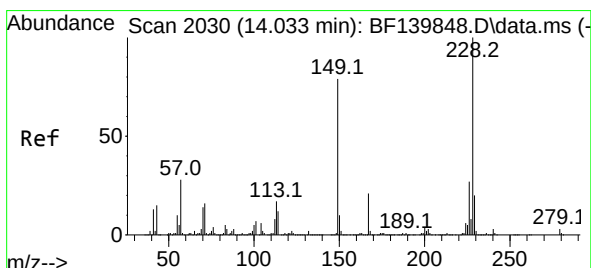
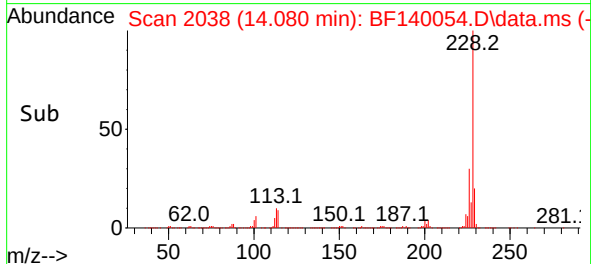
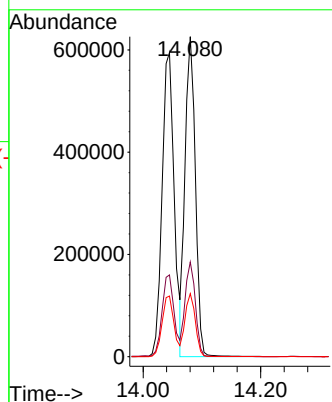
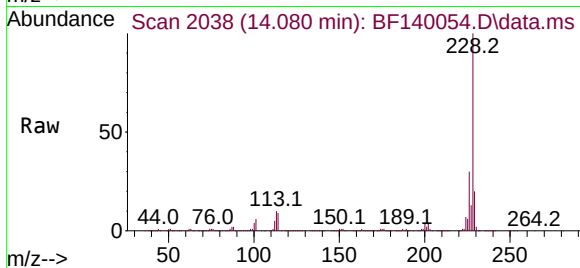
Tgt Ion:228 Resp: 763112

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.572 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

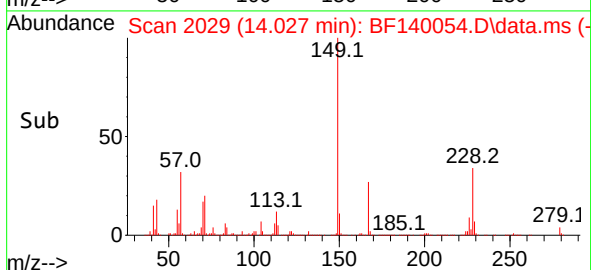
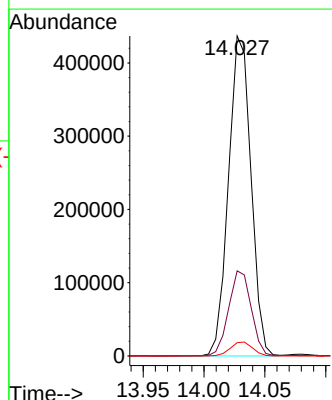
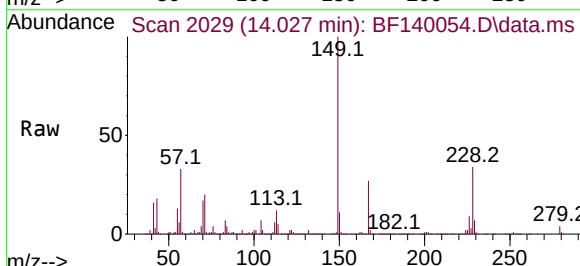
Tgt Ion:149 Resp: 562025

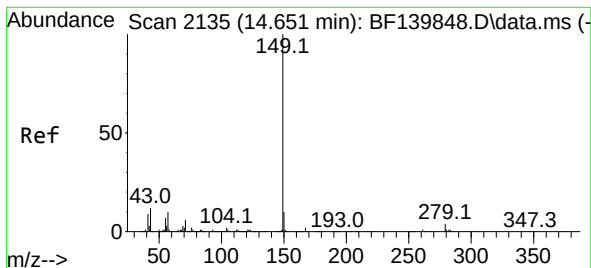
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 58.213 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

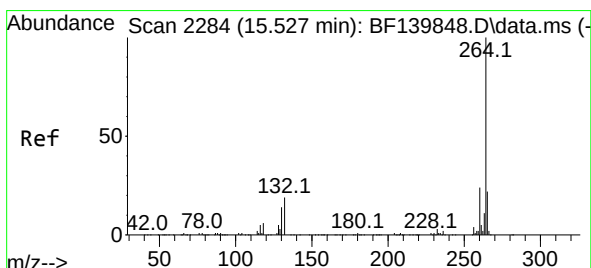
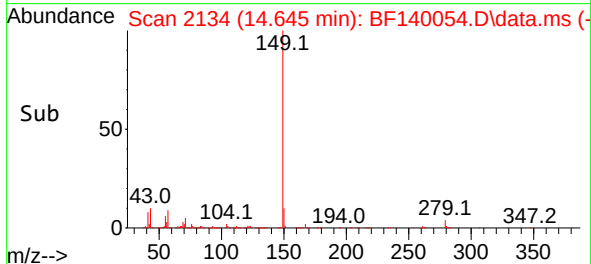
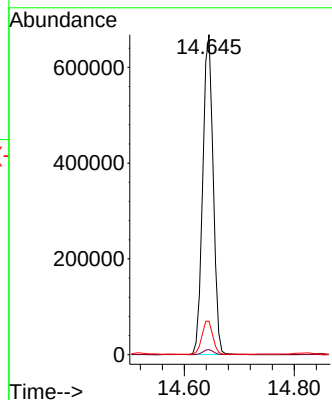
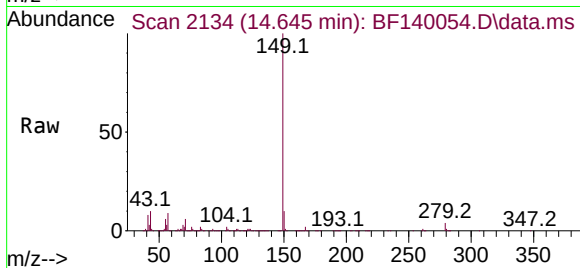
Tgt Ion:149 Resp: 880674

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 10.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

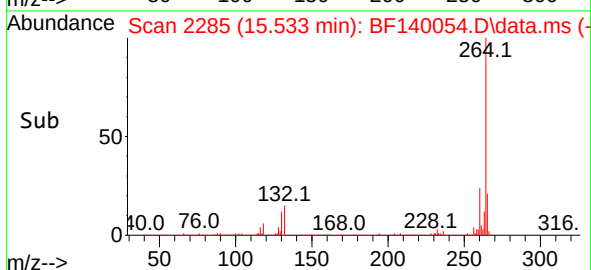
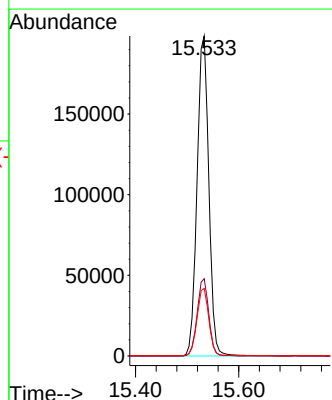
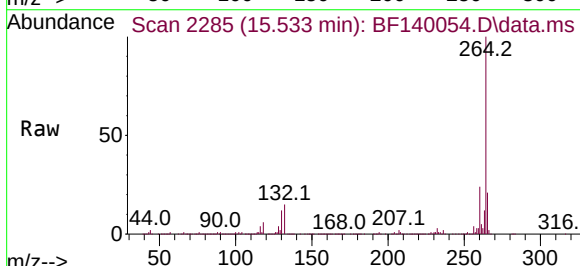
Tgt Ion:264 Resp: 312725

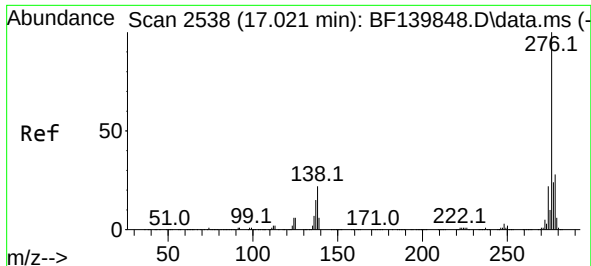
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.1 17.4 26.0

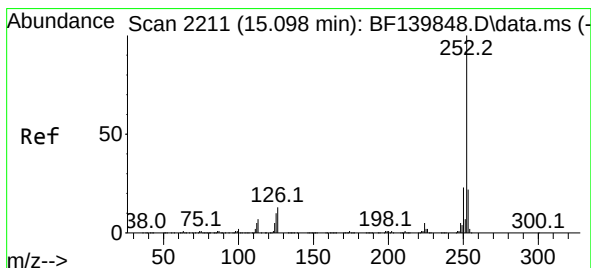
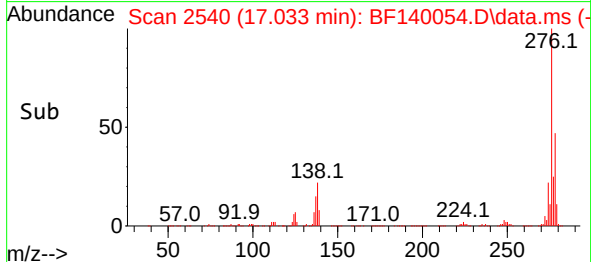
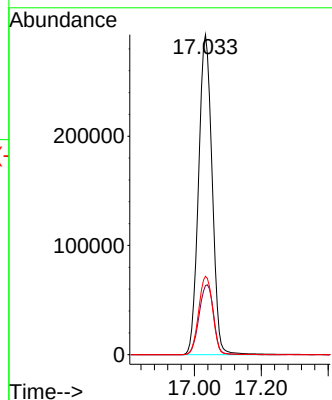
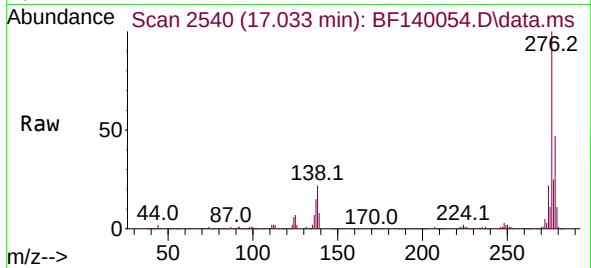




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.956 ng  
RT: 17.033 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

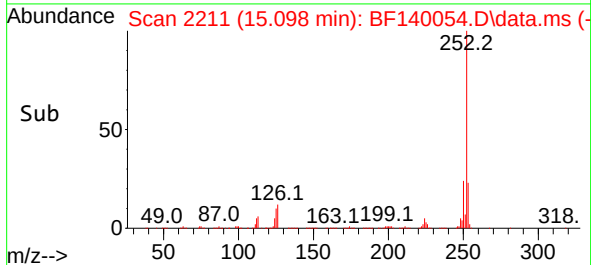
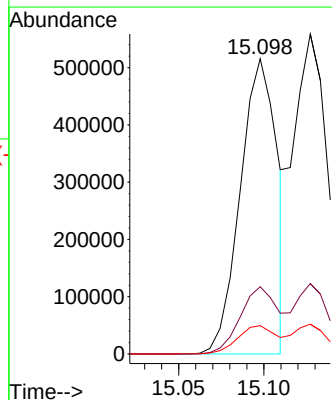
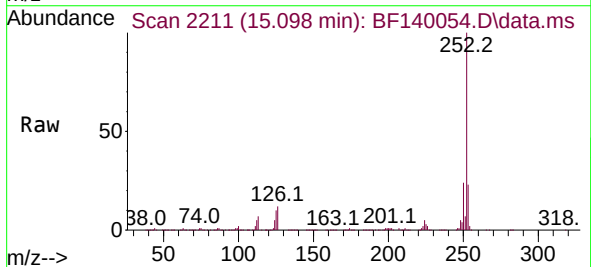
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

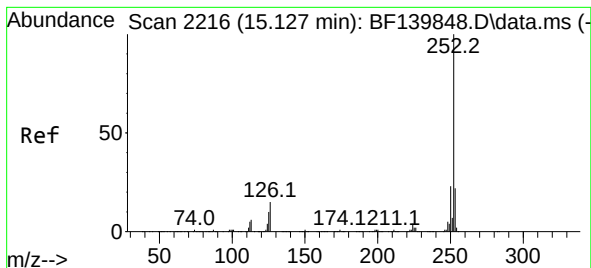
Tgt Ion:276 Resp: 823978  
Ion Ratio Lower Upper  
276 100  
138 23.4 20.4 30.6  
277 25.4 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 40.626 ng  
RT: 15.098 min Scan# 2211  
Delta R.T. 0.000 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:252 Resp: 773921  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.6 26.4  
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.076 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA\_F

ClientSampleId :

BP-F22MS

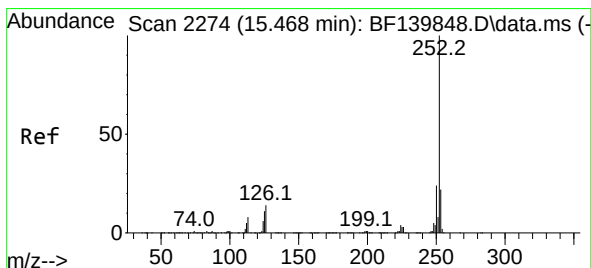
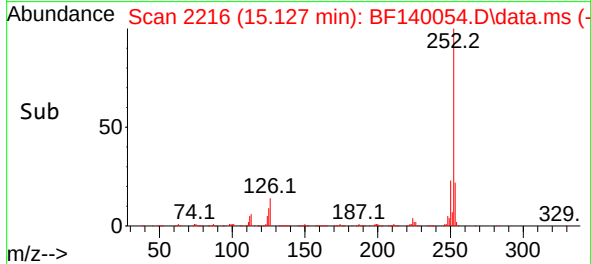
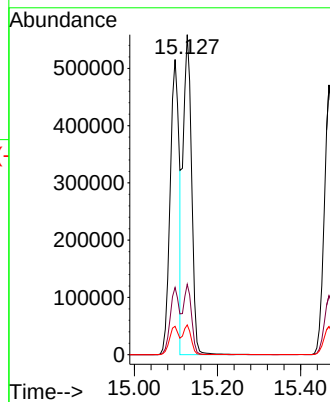
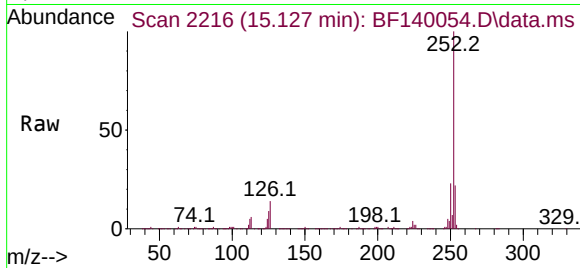
Tgt Ion:252 Resp: 789841

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 48.188 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

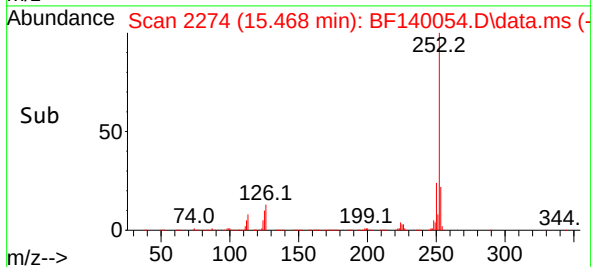
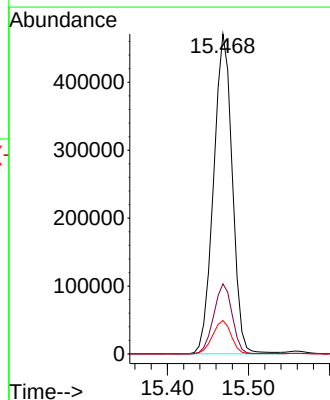
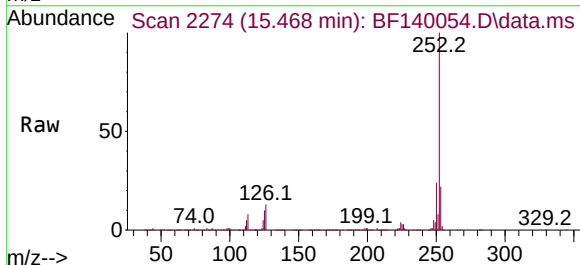
Tgt Ion:252 Resp: 755334

Ion Ratio Lower Upper

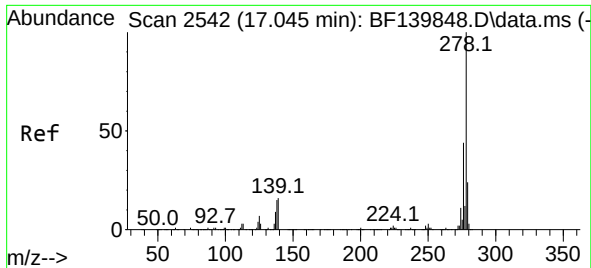
252 100

253 21.9 17.3 25.9

125 10.4 8.7 13.1



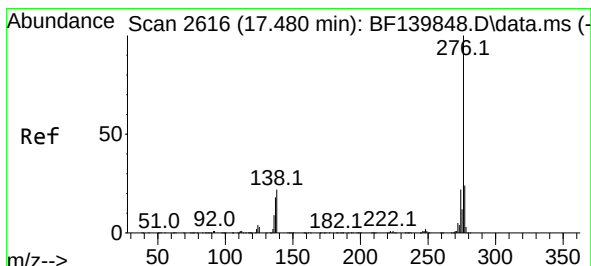
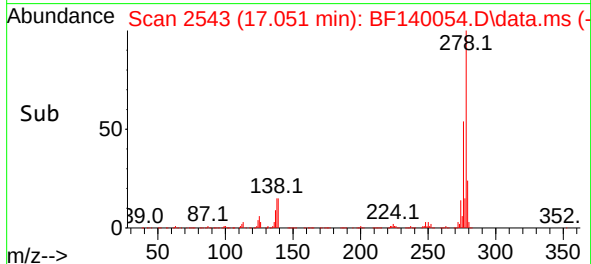
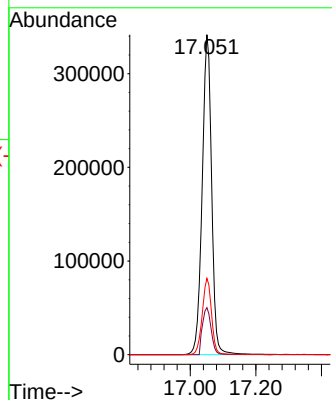
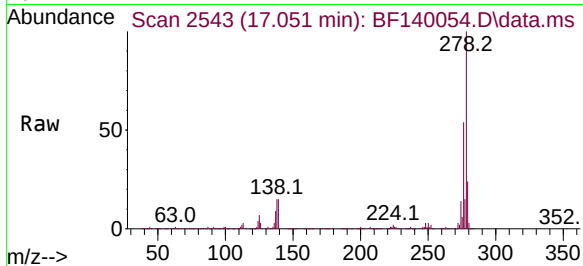




#91  
Dibenzo(a,h)anthracene  
Concen: 40.932 ng  
RT: 17.051 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
BP-F22MS

Tgt Ion:278 Resp: 686971  
Ion Ratio Lower Upper  
278 100  
139 14.7 13.1 19.7  
279 23.9 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 34.628 ng  
RT: 17.486 min Scan# 2617  
Delta R.T. 0.006 min  
Lab File: BF140054.D  
Acq: 26 Oct 2024 12:34

Tgt Ion:276 Resp: 580505  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 20.2 17.4 26.0

