

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061025\  
 Data File : BF142707.D  
 Acq On : 10 Jun 2025 12:41  
 Operator : RC/JU  
 Sample : Q2266-05MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5MS

Quant Time: Jun 10 13:03:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 09 18:21:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 72888    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 273042   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 145075   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 232310   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 148312   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 175165   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 340306   | 79.276 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 406467   | 80.743 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 247275   | 49.770 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 125299   | 76.874 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 538196   | 50.734 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.010 | 244  | 491238   | 52.383 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 68509    | 41.677 | ng    | 98       |
| 3) Pyridine                   | 3.493  | 79   | 183023   | 43.171 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 96386    | 46.711 | ng    | 98       |
| 6) Aniline                    | 6.557  | 93   | 248164   | 36.718 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 208523   | 44.523 | ng    | 99       |
| 9) Benzaldehyde               | 6.445  | 77   | 104640   | 36.872 | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 246617   | 43.748 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 184983   | 45.043 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 233508   | 44.519 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 238429   | 44.458 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 226066   | 44.209 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 168410   | 45.734 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 287195   | 42.946 | ng    | 99       |
| 17) 2-Methylphenol            | 7.145  | 107  | 157220   | 43.778 | ng    | 98       |
| 18) Hexachloroethane          | 7.404  | 117  | 84051    | 45.619 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 135672   | 45.976 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 195228   | 44.140 | ng    | # 90     |
| 22) Acetophenone              | 7.304  | 105  | 269490   | 45.151 | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 197188   | 44.009 | ng    | 99       |
| 25) Isophorone                | 7.716  | 82   | 362536   | 44.976 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.792  | 139  | 115403   | 46.692 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 185692   | 44.207 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 224965   | 44.498 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 172633   | 44.862 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 195048   | 46.468 | ng    | 98       |
| 31) Naphthalene               | 8.198  | 128  | 604704   | 44.944 | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 110354   | 43.323 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 146701   | 26.521 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 119125   | 46.081 | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 51771    | 43.802 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 171637   | 43.241 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 371697   | 43.904 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 380265   | 43.375 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 189986   | 45.315 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 230626   | 93.671 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 123561   | 44.916 | ng    | 99       |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 09 18:21:22 2025  
 Response via : Initial Calibration

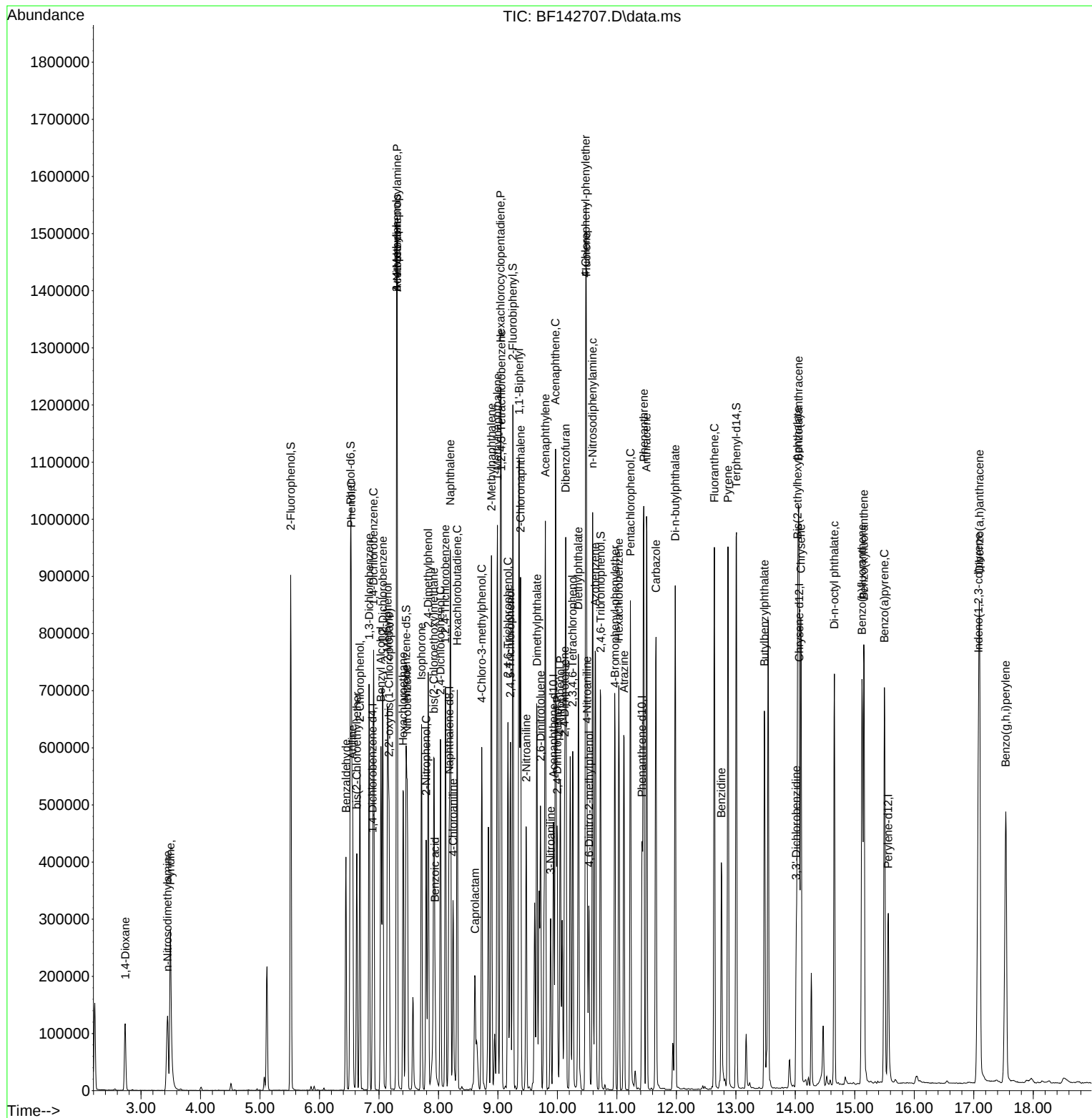
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 129648   | 44.123 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 510817   | 45.281 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 372308   | 44.047 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 106260   | 42.246 | ng    | 97       |
| 49) Acenaphthylene            | 9.798  | 152  | 625589   | 44.657 | ng    | 100      |
| 50) Dimethylphthalate         | 9.657  | 163  | 427699   | 43.818 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 92781    | 43.941 | ng    | 96       |
| 52) Acenaphthene              | 9.969  | 154  | 413493   | 48.251 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.886  | 138  | 69342    | 29.227 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 95949    | 82.076 | ng    | 97       |
| 55) Dibenzofuran              | 10.139 | 168  | 544806   | 44.314 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 138939   | 85.199 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 126936   | 44.849 | ng    | 98       |
| 58) Fluorene                  | 10.486 | 166  | 417455   | 42.482 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 105582   | 42.702 | ng    | 97       |
| 60) Diethylphthalate          | 10.351 | 149  | 423266   | 44.667 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 203717   | 43.848 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 90730    | 40.313 | ng    | 94       |
| 63) Azobenzene                | 10.633 | 77   | 404594   | 47.665 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 64455    | 43.501 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 364150   | 48.550 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 122488   | 47.703 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 140803   | 47.723 | ng    | 99       |
| 69) Atrazine                  | 11.122 | 200  | 111741   | 49.125 | ng    | 99       |
| 70) Pentachlorophenol         | 11.227 | 266  | 144449   | 89.026 | ng    | 99       |
| 71) Phenanthrene              | 11.451 | 178  | 570569   | 45.942 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 582233   | 45.175 | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 499561   | 43.045 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 635033   | 51.543 | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 558947   | 44.920 | ng    | 100      |
| 77) Benzidine                 | 12.757 | 184  | 248352   | 48.519 | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 555639   | 45.977 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 225894   | 60.697 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 448189   | 46.564 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 90579    | 29.440 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 424624   | 46.575 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 312126   | 73.457 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 503646   | 60.944 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 573017   | 46.246 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 486439   | 46.482 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 423841   | 43.039 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 449775   | 45.864 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 463774   | 46.496 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 449262   | 43.497 | ng    | 99       |

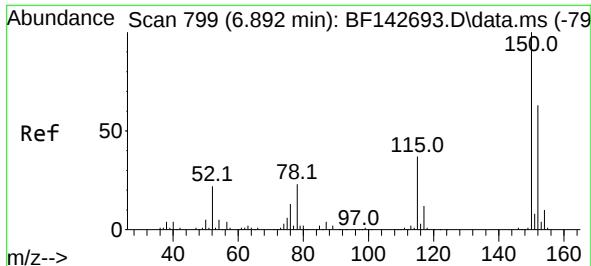
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Mon Jun 09 18:21:22 2025  
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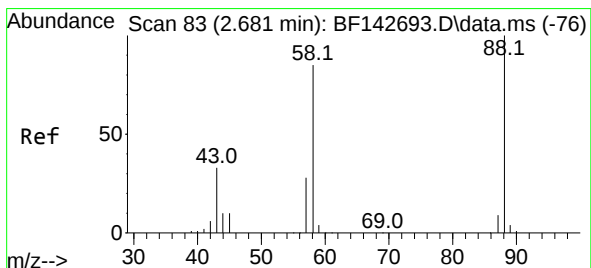
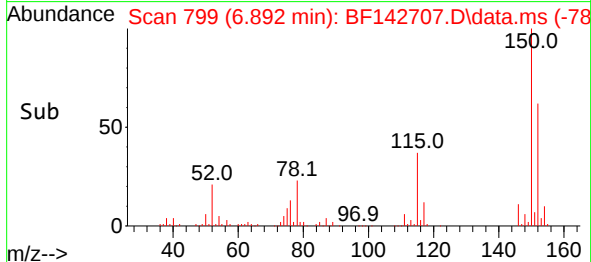
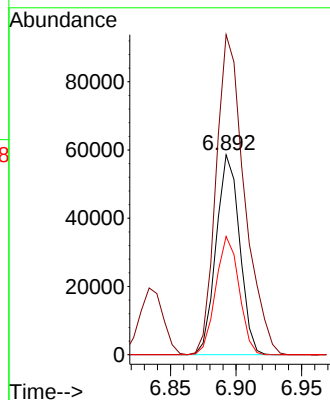
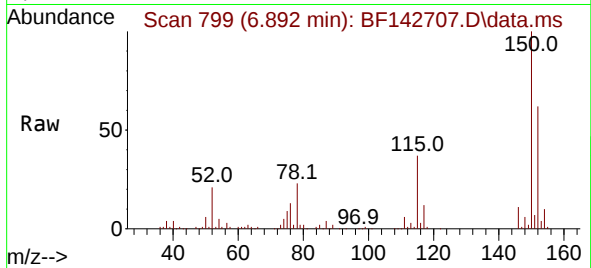




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

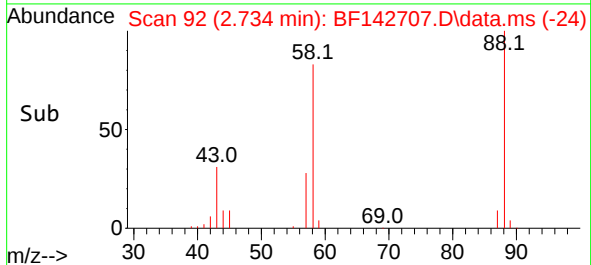
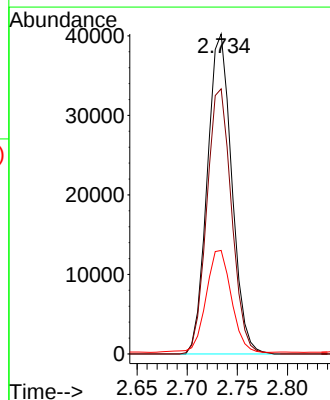
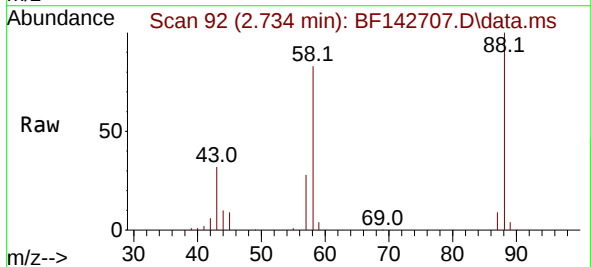
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5MS

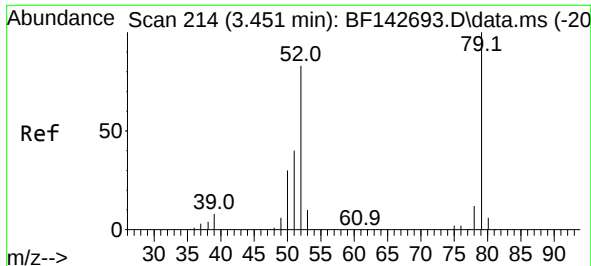
Tgt Ion:152 Resp: 72888  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 126.8 190.2  
 115 59.1 46.8 70.2



#2  
 1,4-Dioxane  
 Concen: 41.677 ng  
 RT: 2.734 min Scan# 92  
 Delta R.T. 0.053 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

Tgt Ion: 88 Resp: 68509  
 Ion Ratio Lower Upper  
 88 100  
 58 83.7 69.2 103.8  
 43 32.9 26.3 39.5

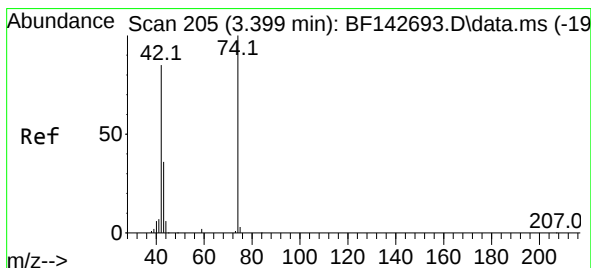
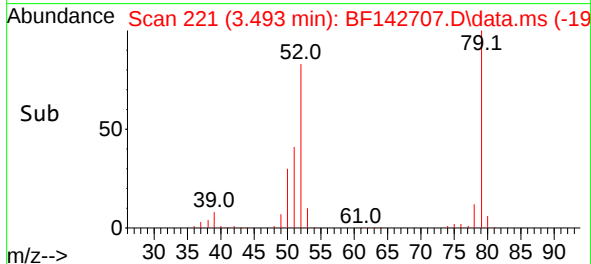
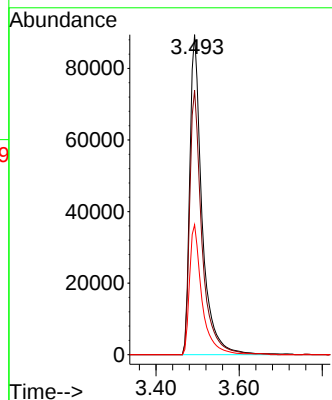
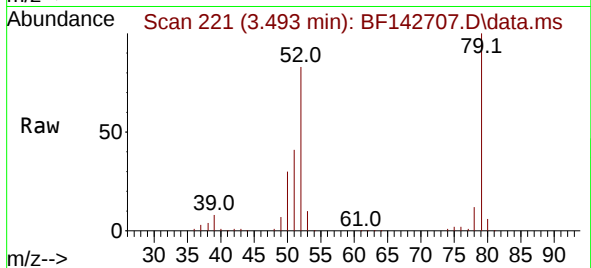




#3  
Pyridine  
Concen: 43.171 ng  
RT: 3.493 min Scan# 214  
Delta R.T. 0.041 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

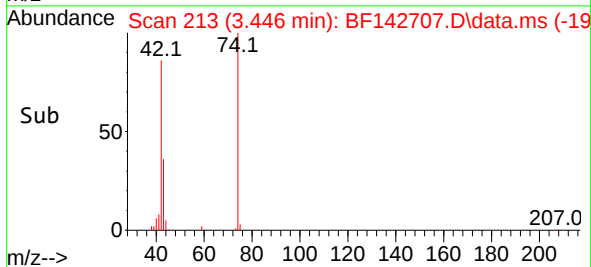
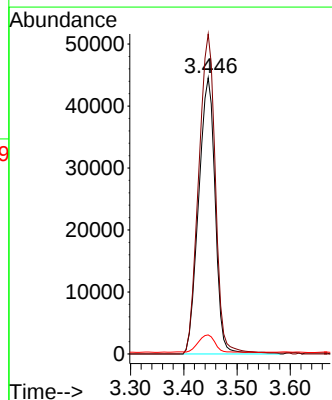
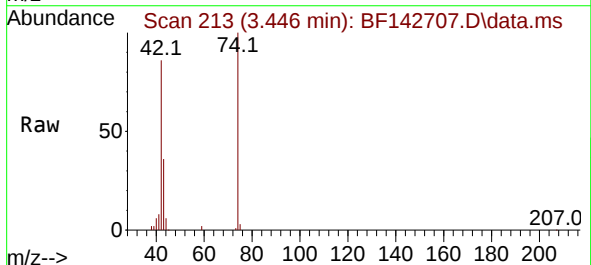
Instrument :  
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ClientSampleId :  
WC-5MS

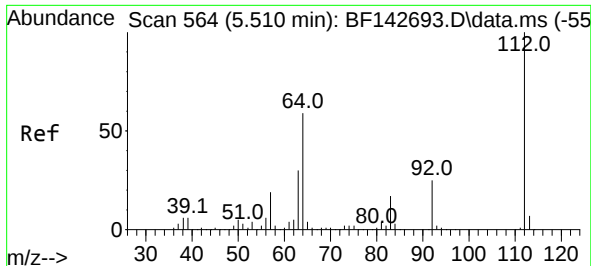
Tgt Ion: 79 Resp: 183023  
Ion Ratio Lower Upper  
79 100  
52 82.6 66.6 99.8  
51 40.6 31.7 47.5



#4  
n-Nitrosodimethylamine  
Concen: 46.711 ng  
RT: 3.446 min Scan# 213  
Delta R.T. 0.018 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 42 Resp: 96386  
Ion Ratio Lower Upper  
42 100  
74 115.9 94.5 141.7  
44 6.9 5.6 8.4

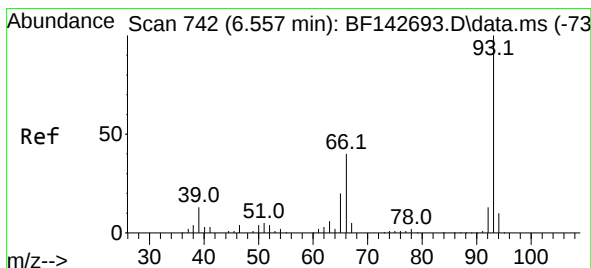
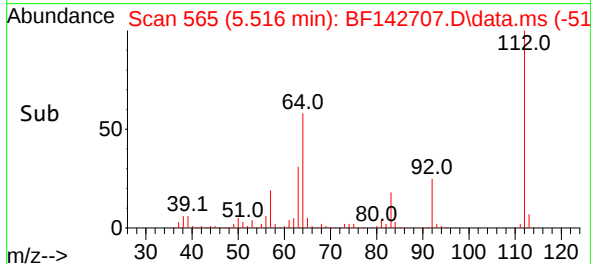
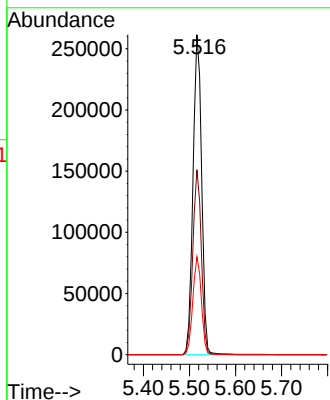
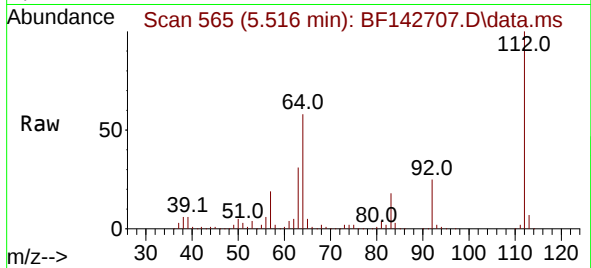




#5  
2-Fluorophenol  
Concen: 79.276 ng  
RT: 5.516 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

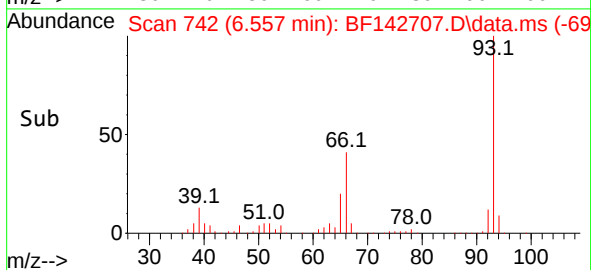
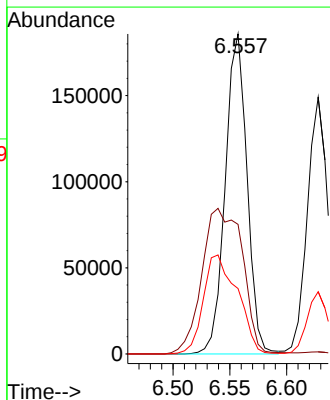
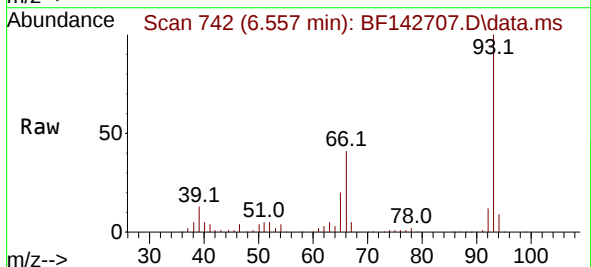
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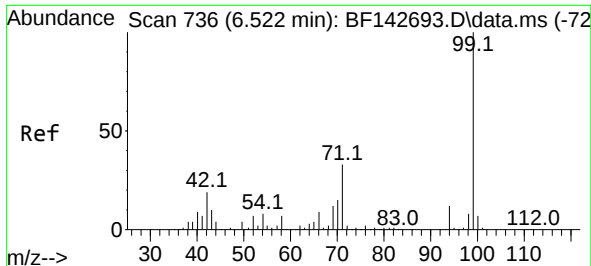
Tgt Ion:112 Resp: 340306  
Ion Ratio Lower Upper  
112 100  
64 57.8 46.9 70.3  
63 30.6 24.3 36.5



#6  
Aniline  
Concen: 36.718 ng  
RT: 6.557 min Scan# 742  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 93 Resp: 248164  
Ion Ratio Lower Upper  
93 100  
66 40.5 32.8 49.2  
65 20.5 16.4 24.6

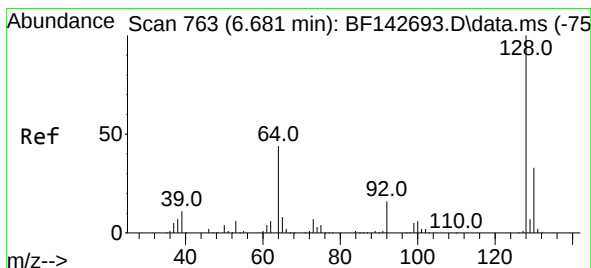
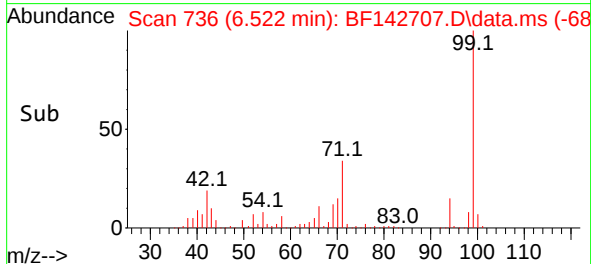
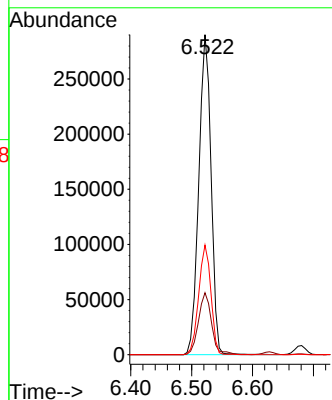
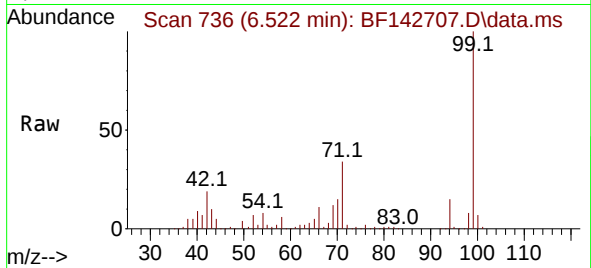




#7  
Phenol-d6  
Concen: 80.743 ng  
RT: 6.522 min Scan# 711  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

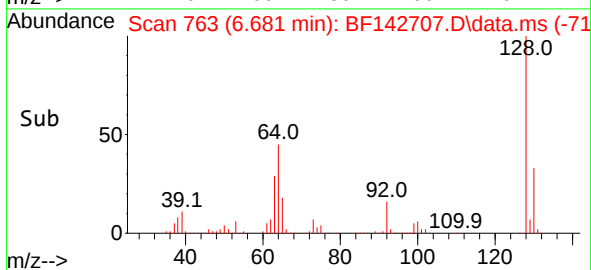
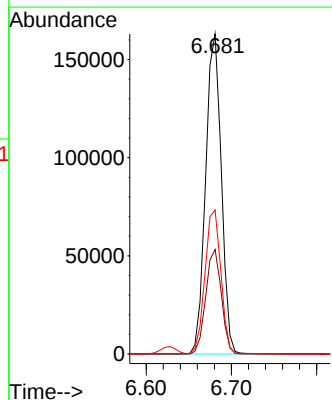
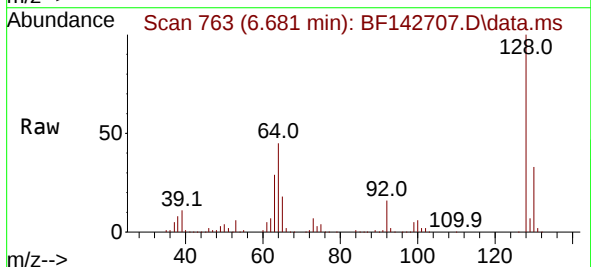
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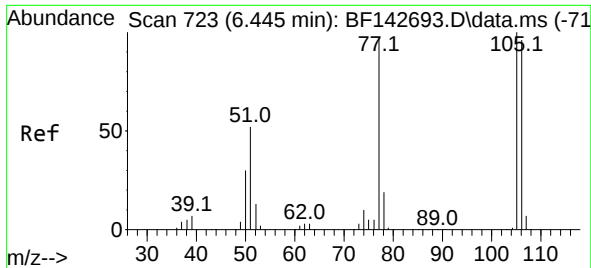
Tgt Ion: 99 Resp: 406467  
Ion Ratio Lower Upper  
99 100  
42 19.3 15.3 22.9  
71 34.3 26.3 39.5



#8  
2-Chlorophenol  
Concen: 44.523 ng  
RT: 6.681 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:128 Resp: 208523  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.3 53.3  
64 45.0 25.4 65.4





#9

Benzaldehyde

Concen: 36.872 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

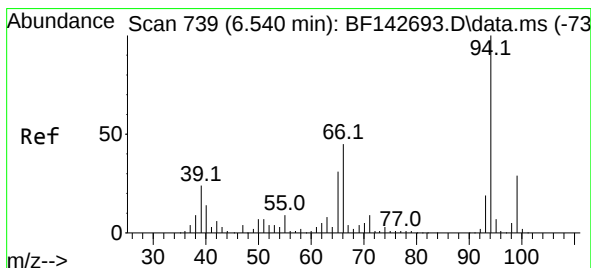
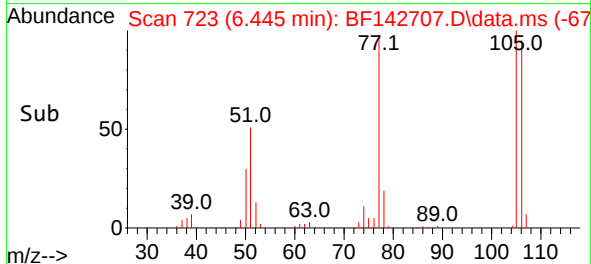
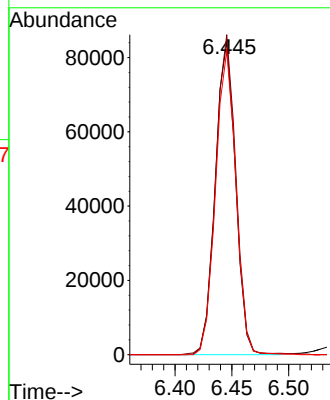
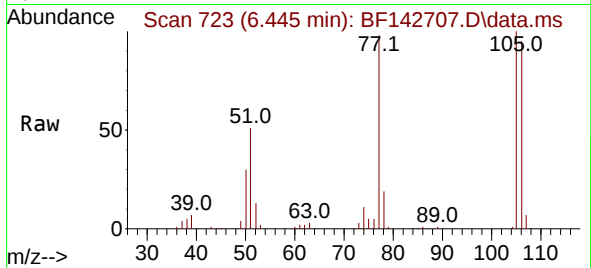
Tgt Ion: 77 Resp: 104640

Ion Ratio Lower Upper

77 100

105 102.2 83.2 123.2

106 97.0 78.7 118.7



#10

Phenol

Concen: 43.748 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.018 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

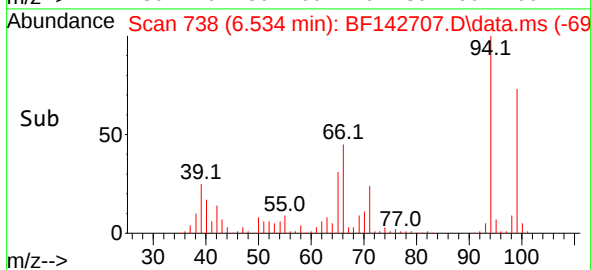
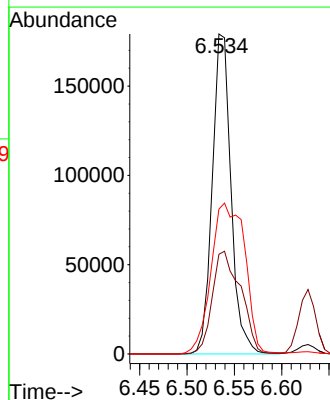
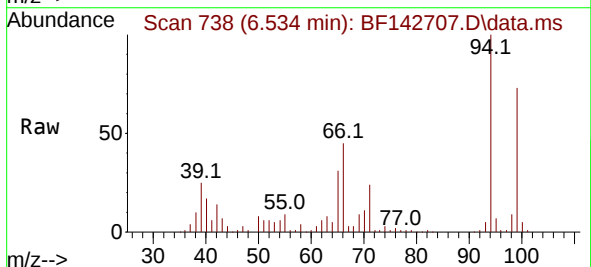
Tgt Ion: 94 Resp: 246617

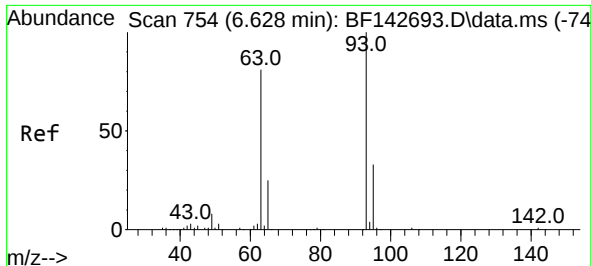
Ion Ratio Lower Upper

94 100

65 31.1 11.0 51.0

66 45.3 24.9 64.9

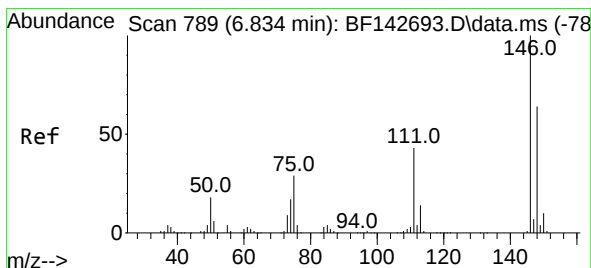
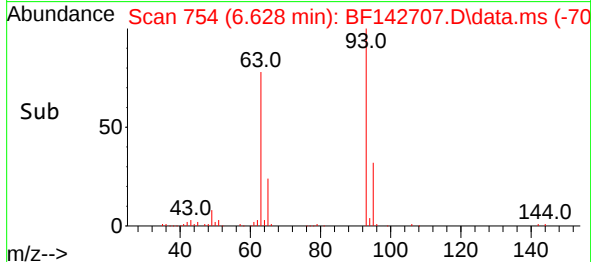
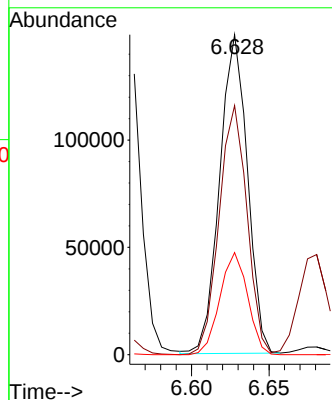
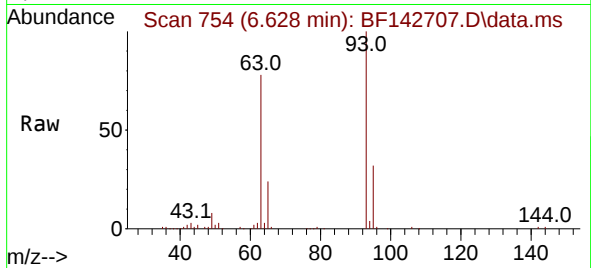




#11  
bis(2-Chloroethyl)ether  
Concen: 45.043 ng  
RT: 6.628 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

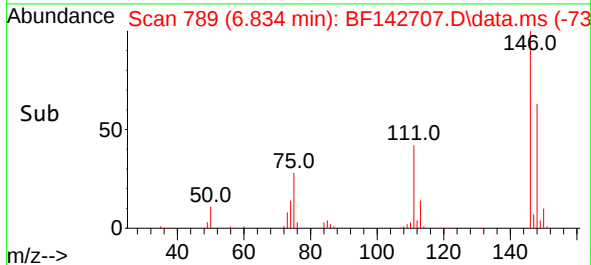
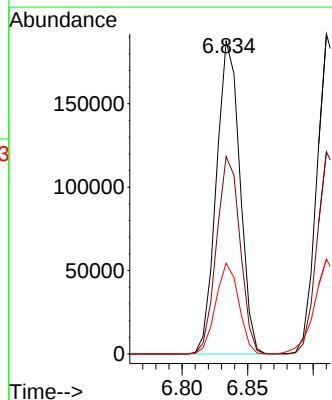
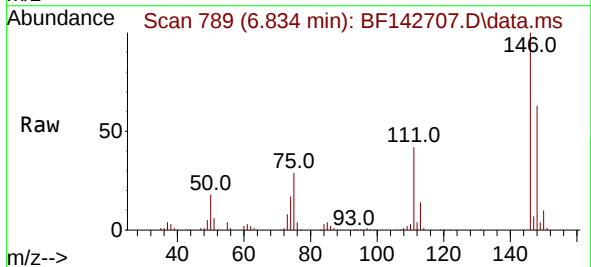
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

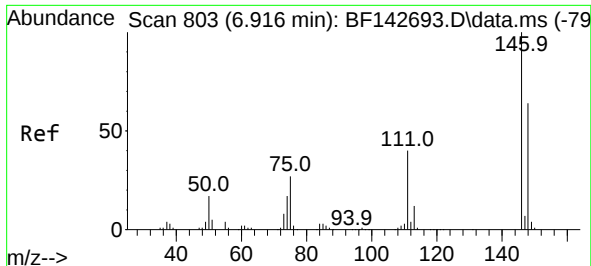
Tgt Ion: 93 Resp: 184983  
Ion Ratio Lower Upper  
93 100  
63 77.9 60.0 100.0  
95 31.9 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 44.519 ng  
RT: 6.834 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:146 Resp: 233508  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.4 77.2  
75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.458 ng

RT: 6.910 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

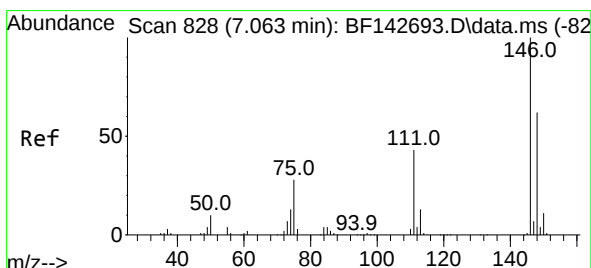
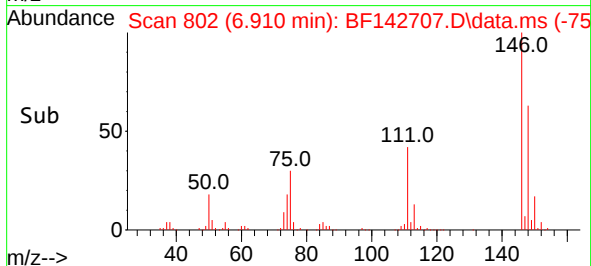
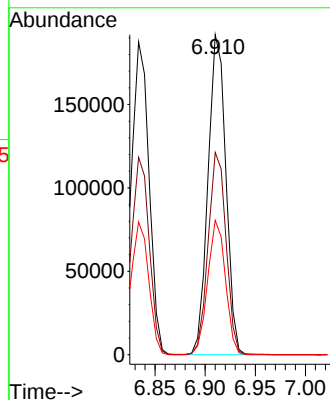
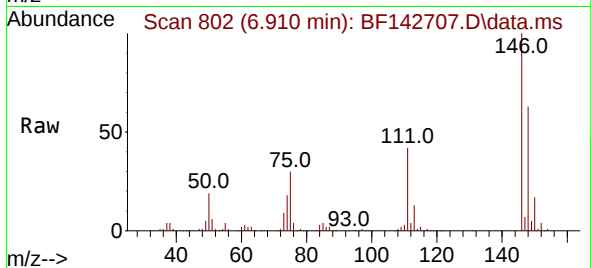
Tgt Ion:146 Resp: 238429

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 42.0 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 44.209 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

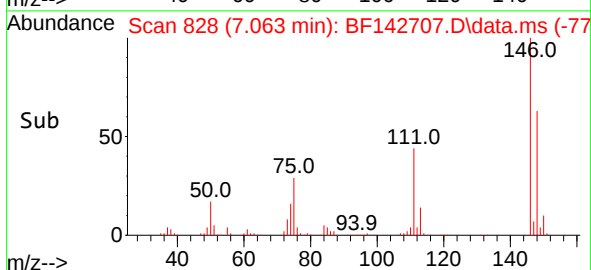
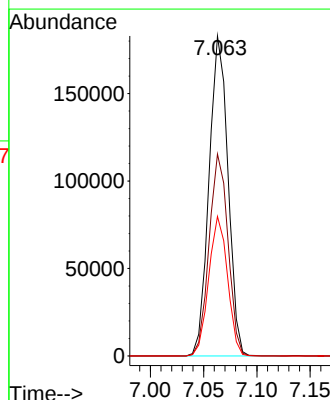
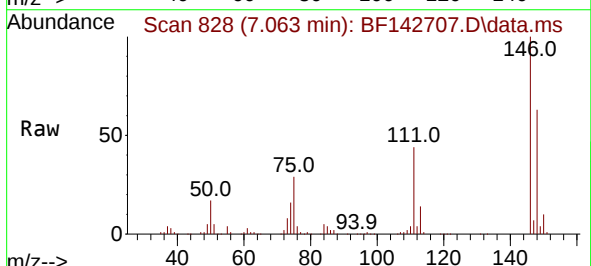
Tgt Ion:146 Resp: 226066

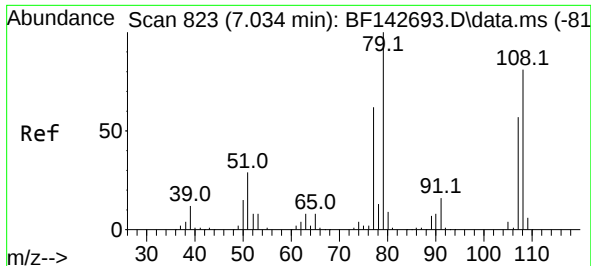
Ion Ratio Lower Upper

146 100

148 63.1 49.3 73.9

111 43.6 34.1 51.1

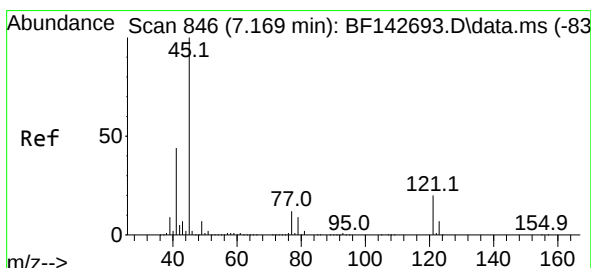
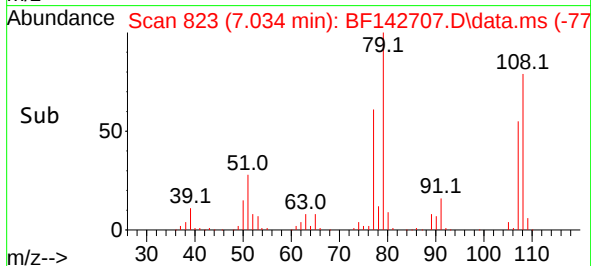
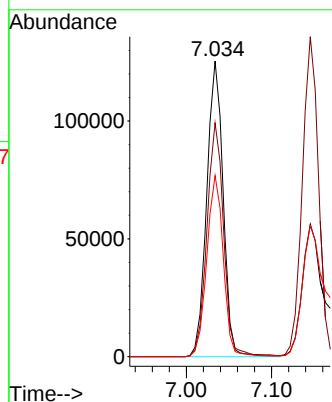
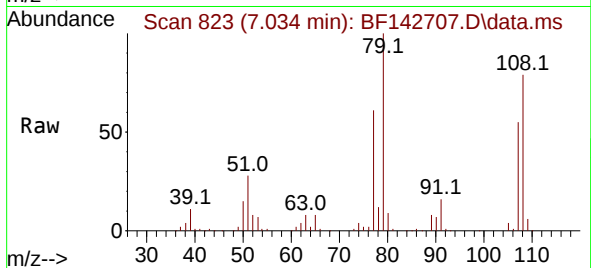




#15  
Benzyl Alcohol  
Concen: 45.734 ng  
RT: 7.034 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

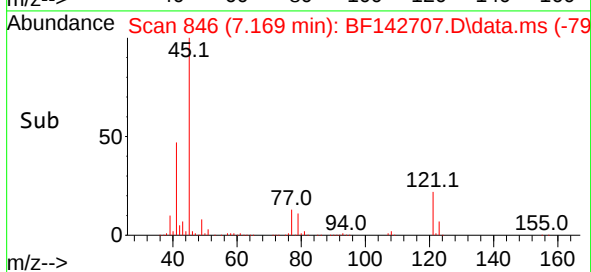
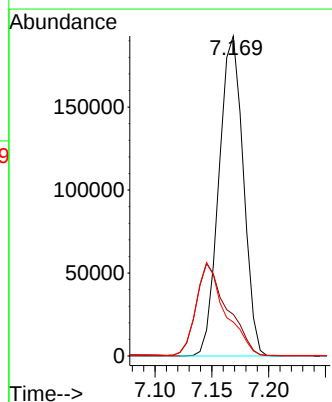
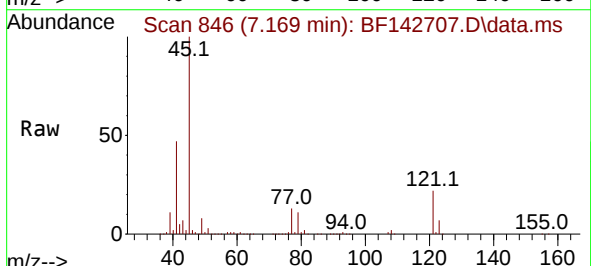
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

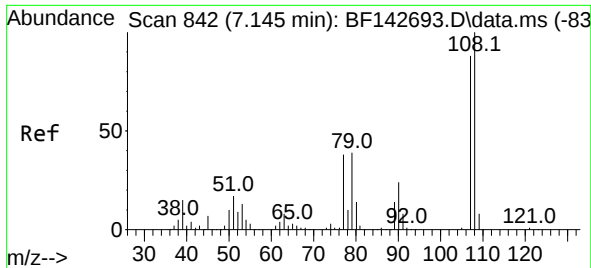
Tgt Ion: 79 Resp: 168410  
Ion Ratio Lower Upper  
79 100  
108 79.1 64.8 97.2  
77 61.3 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.946 ng  
RT: 7.169 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 45 Resp: 287195  
Ion Ratio Lower Upper  
45 100  
77 13.0 0.0 32.8  
79 10.6 0.0 30.3

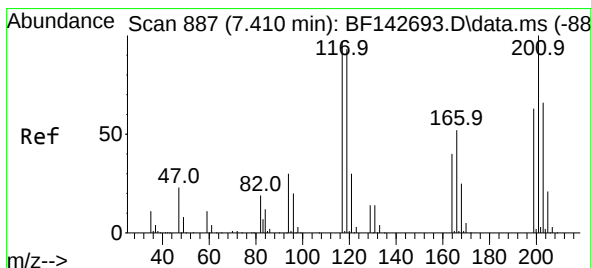
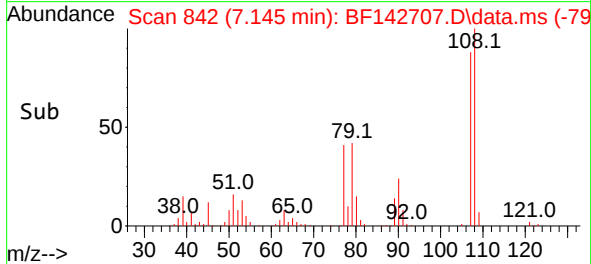
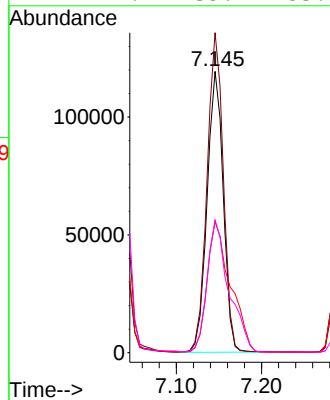
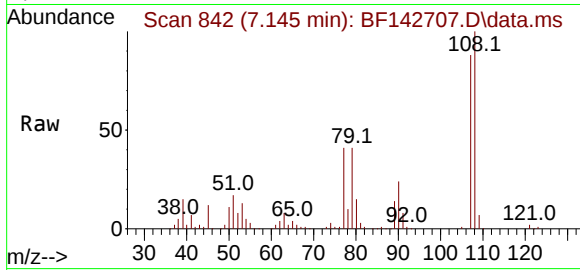




#17  
2-Methylphenol  
Concen: 43.778 ng  
RT: 7.145 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

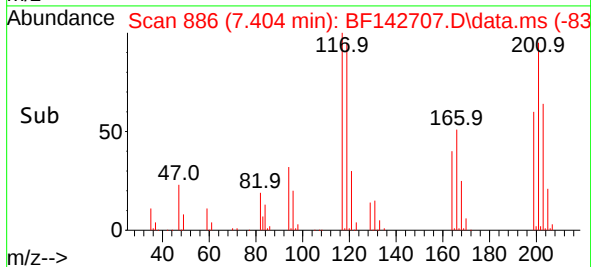
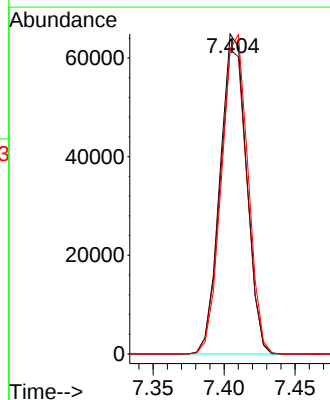
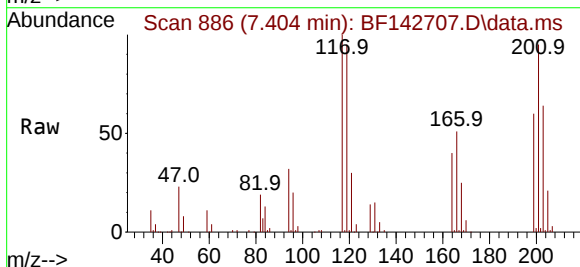
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

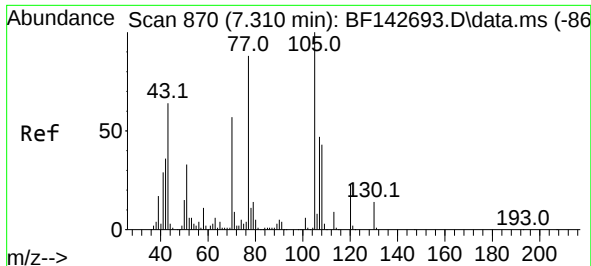
Tgt Ion:107 Resp: 157220  
Ion Ratio Lower Upper  
107 100  
108 113.7 91.0 136.4  
77 46.6 34.9 52.3  
79 47.1 35.7 53.5



#18  
Hexachloroethane  
Concen: 45.619 ng  
RT: 7.404 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:117 Resp: 84051  
Ion Ratio Lower Upper  
117 100  
119 95.2 77.1 115.7  
201 95.3 82.6 123.8

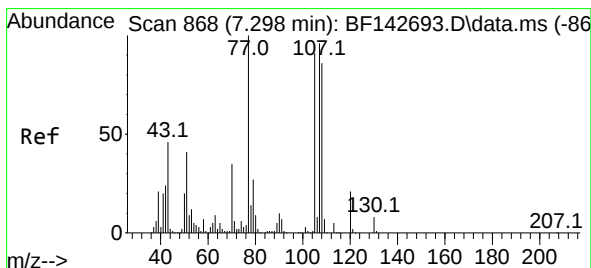
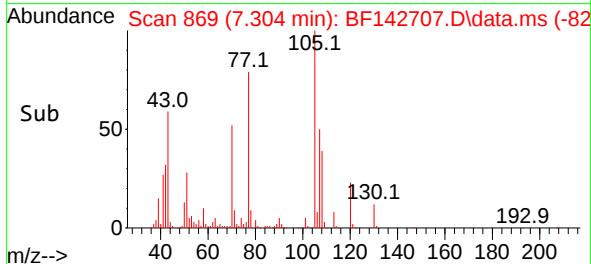
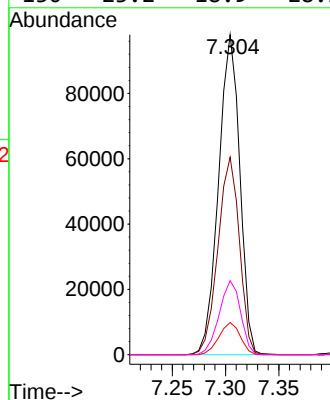
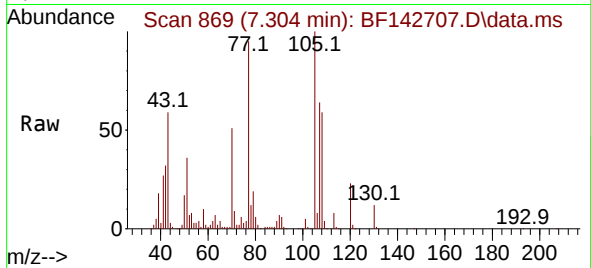




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.976 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

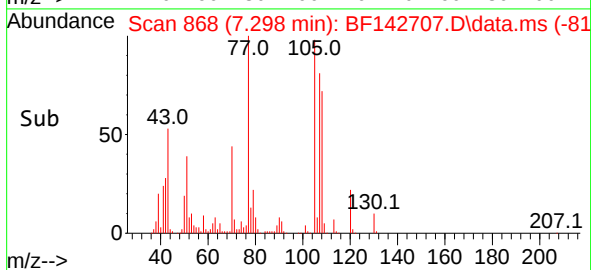
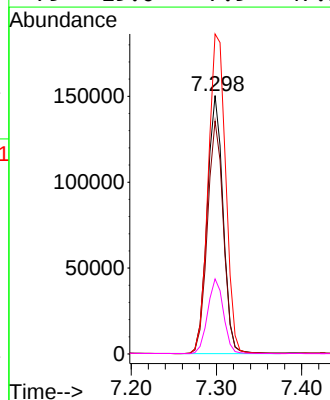
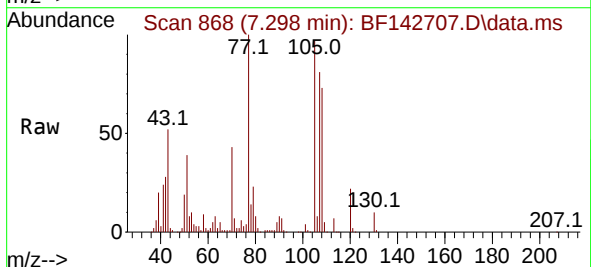
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

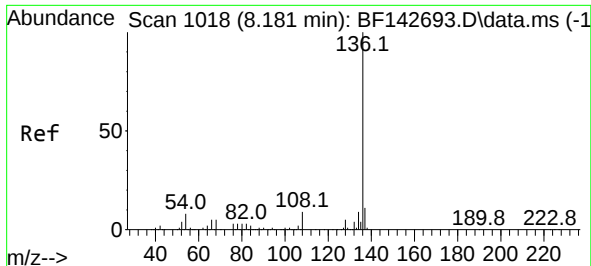
Tgt Ion: 70 Resp: 135672  
Ion Ratio Lower Upper  
70 100  
42 61.7 50.1 75.1  
101 10.0 8.1 12.1  
130 23.2 18.9 28.3



#20  
3+4-Methylphenols  
Concen: 44.140 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:107 Resp: 195228  
Ion Ratio Lower Upper  
107 100  
108 90.1 69.5 109.5  
77 123.8 83.6 123.6#  
79 29.0 7.9 47.9



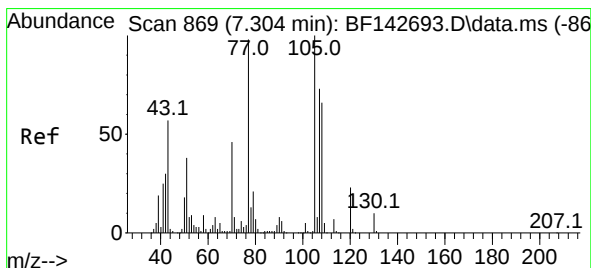
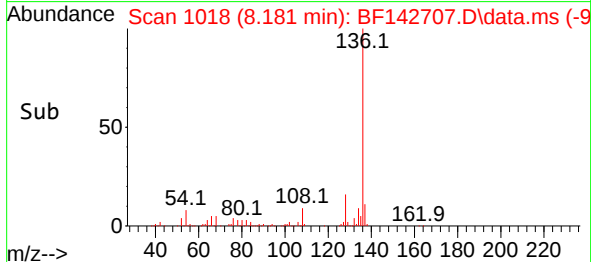
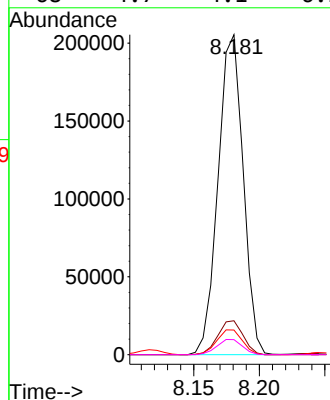
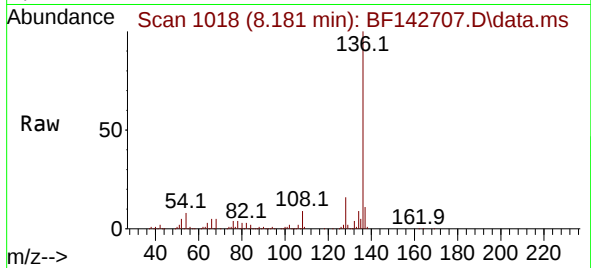


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

Tgt Ion:136 Resp: 273042

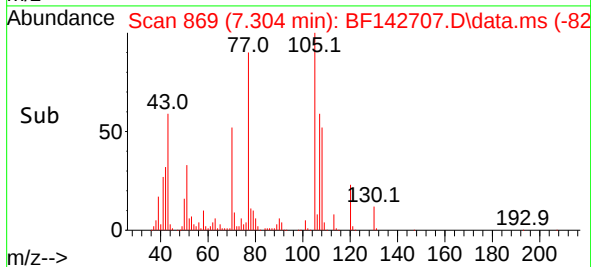
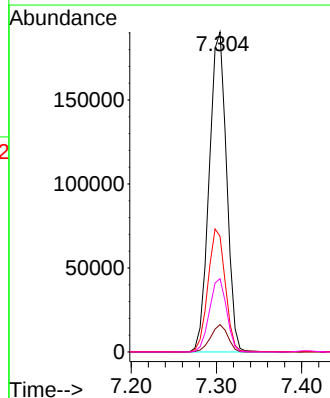
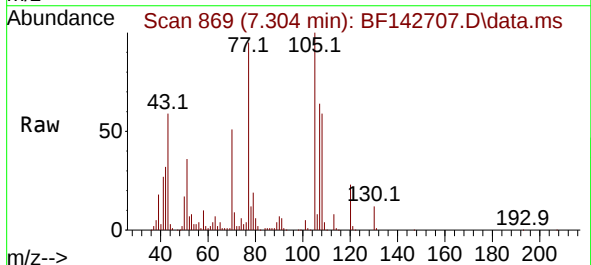
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 7.7   | 6.4   | 9.6   |
| 68  | 4.7   | 4.1   | 6.1   |

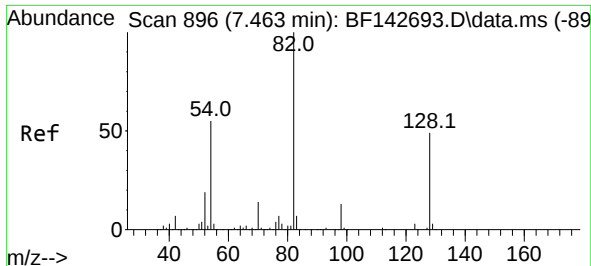


#22  
Acetophenone  
Concen: 45.151 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:105 Resp: 269490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.6   | 6.2   | 9.2   |
| 51  | 36.1  | 30.8  | 46.2  |
| 120 | 22.9  | 18.5  | 27.7  |

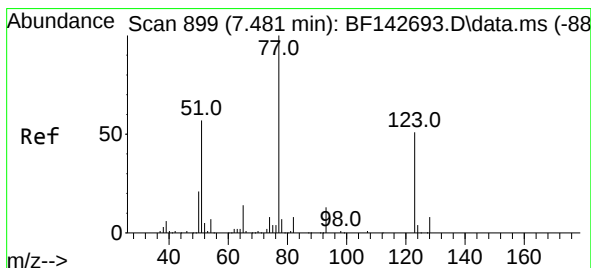
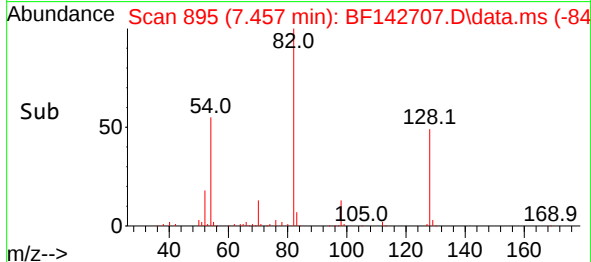
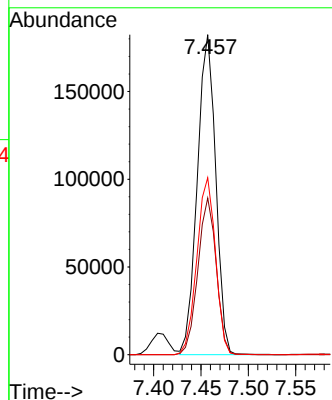
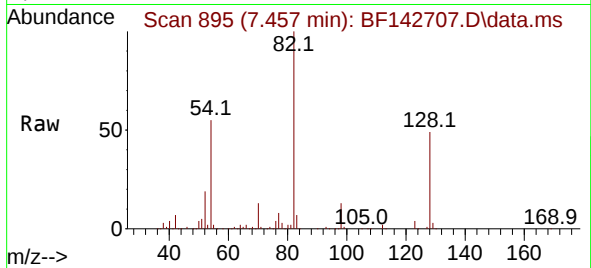




#23  
Nitrobenzene-d5  
Concen: 49.770 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

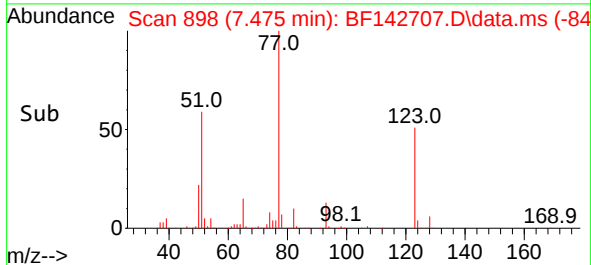
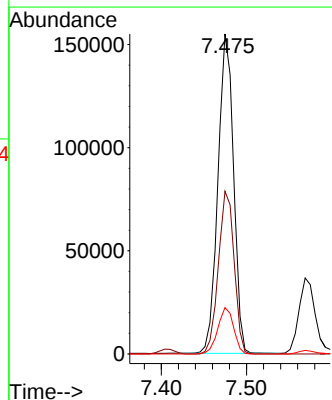
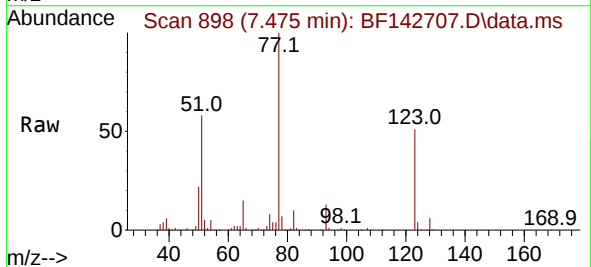
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

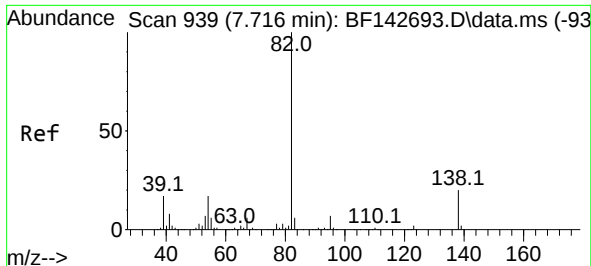
Tgt Ion: 82 Resp: 247275  
Ion Ratio Lower Upper  
82 100  
128 49.0 39.3 58.9  
54 55.3 44.2 66.2



#24  
Nitrobenzene  
Concen: 44.009 ng  
RT: 7.475 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 77 Resp: 197188  
Ion Ratio Lower Upper  
77 100  
123 50.9 41.3 61.9  
65 14.5 11.2 16.8

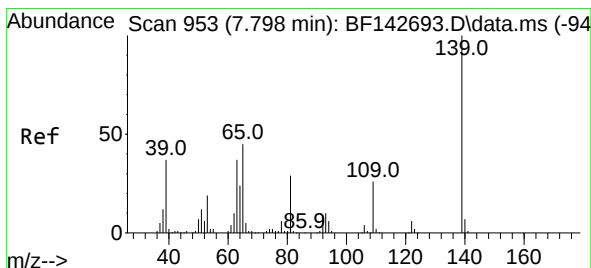
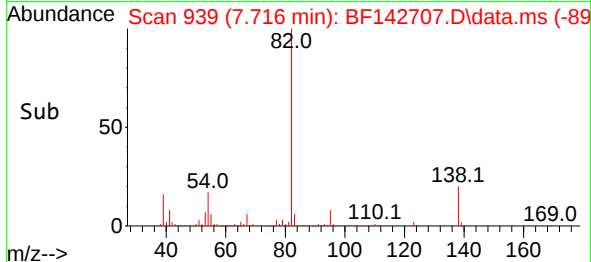
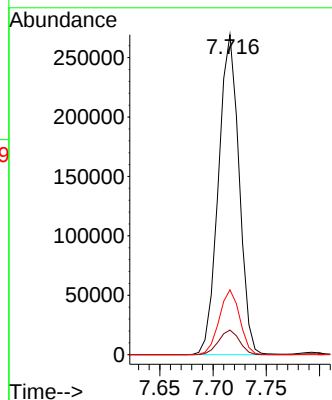
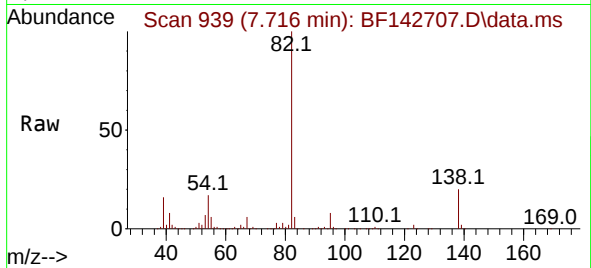




#25  
Isophorone  
Concen: 44.976 ng  
RT: 7.716 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

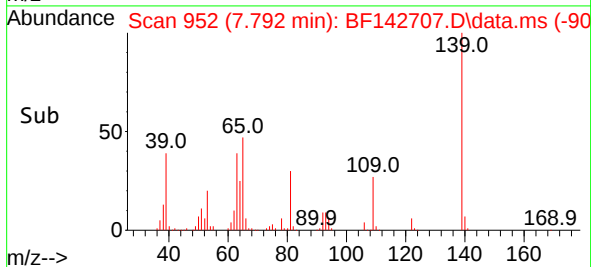
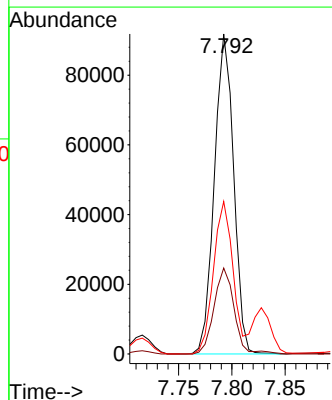
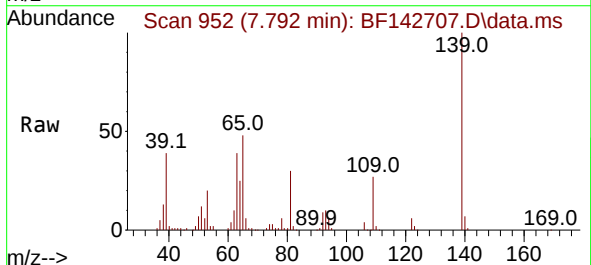
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

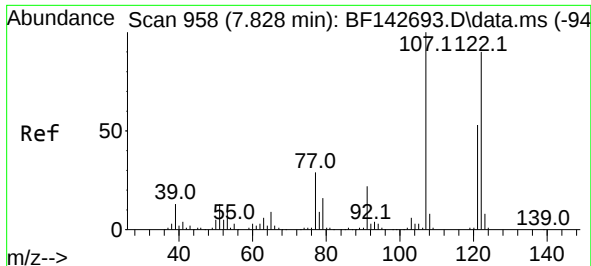
Tgt Ion: 82 Resp: 362536  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.9 8.9  
138 20.2 16.1 24.1



#26  
2-Nitrophenol  
Concen: 46.692 ng  
RT: 7.792 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:139 Resp: 115403  
Ion Ratio Lower Upper  
139 100  
109 26.9 21.0 31.6  
65 47.6 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 44.207 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

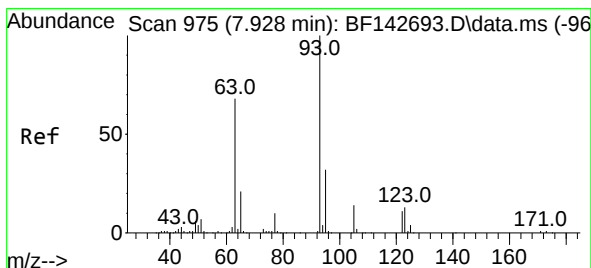
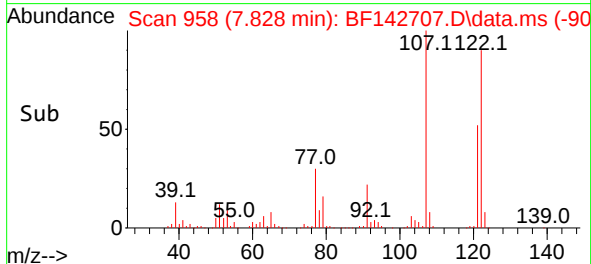
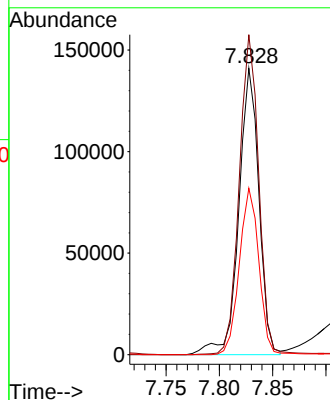
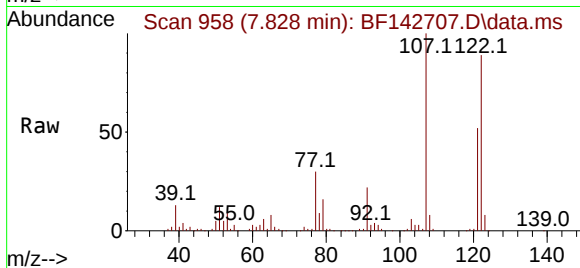
Tgt Ion:122 Resp: 185692

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.2

121 58.1 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.498 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

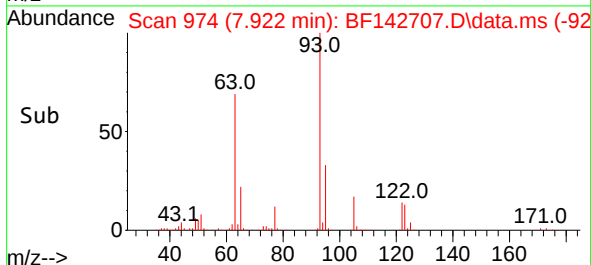
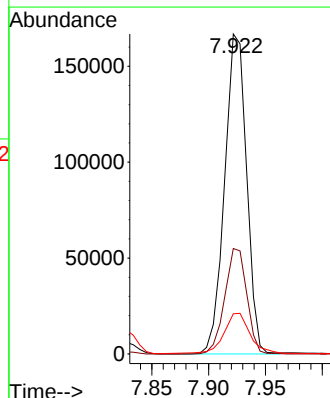
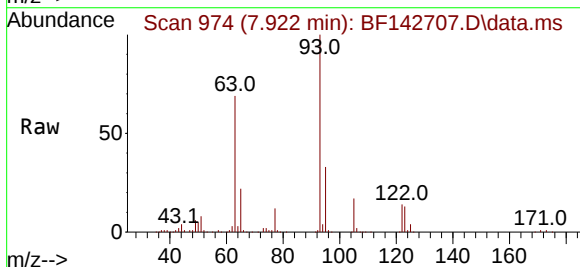
Tgt Ion: 93 Resp: 224965

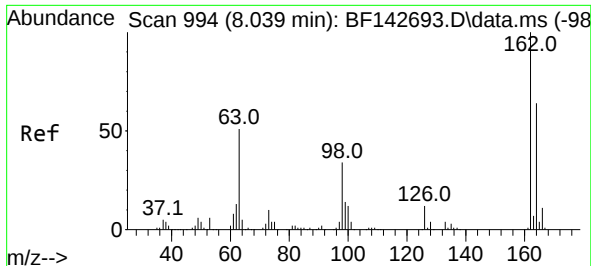
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.2

123 12.5 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 44.862 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

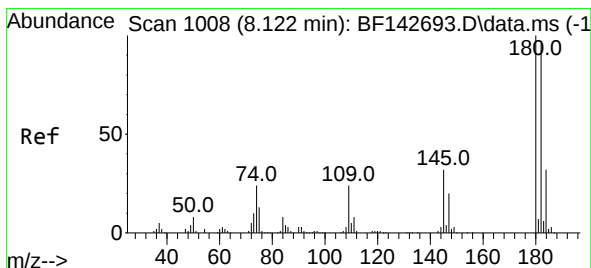
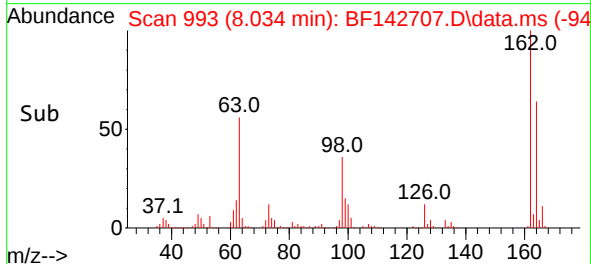
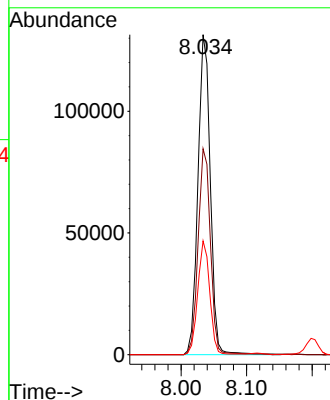
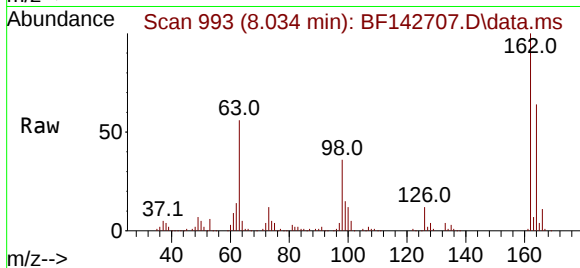
Tgt Ion:162 Resp: 172633

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 35.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.468 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

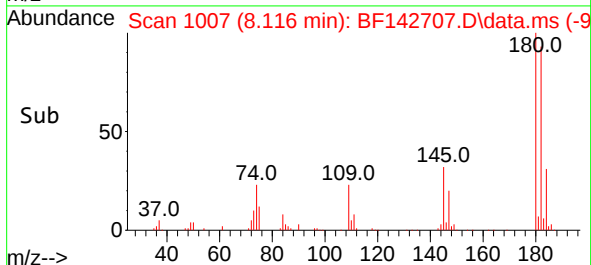
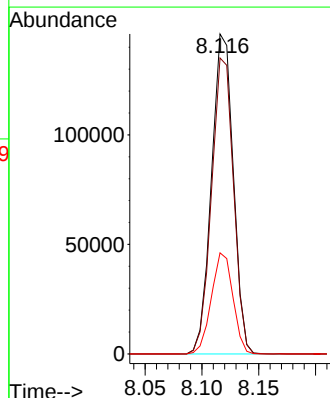
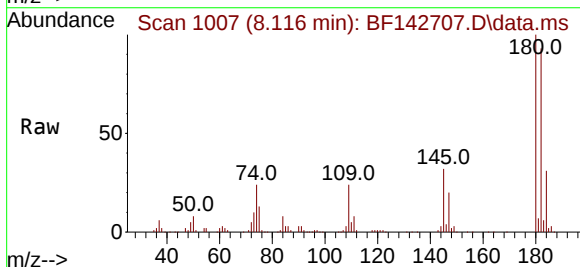
Tgt Ion:180 Resp: 195048

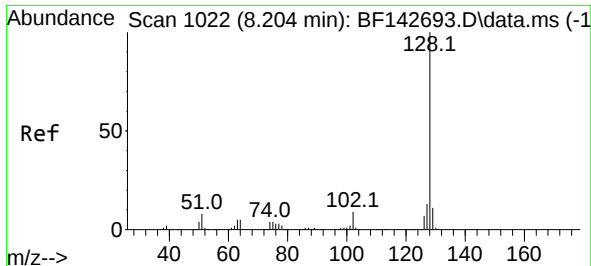
Ion Ratio Lower Upper

180 100

182 92.5 76.6 114.8

145 31.6 25.4 38.0

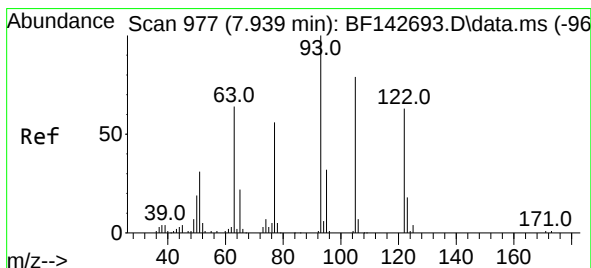
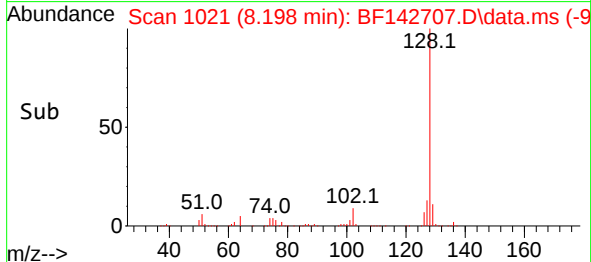
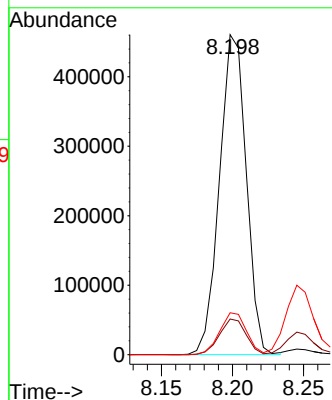
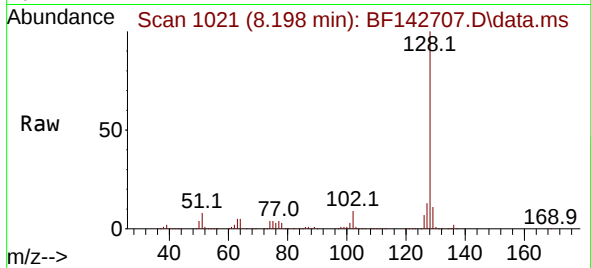




#31  
Naphthalene  
Concen: 44.944 ng  
RT: 8.198 min Scan# 1022  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

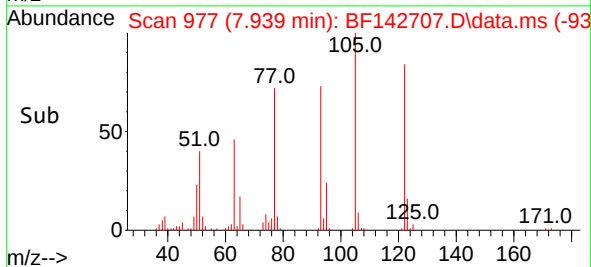
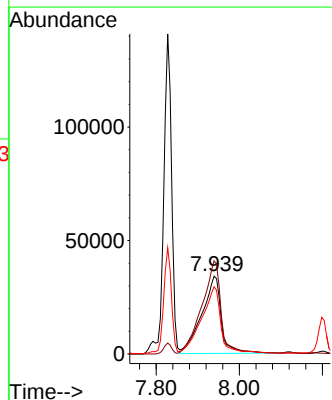
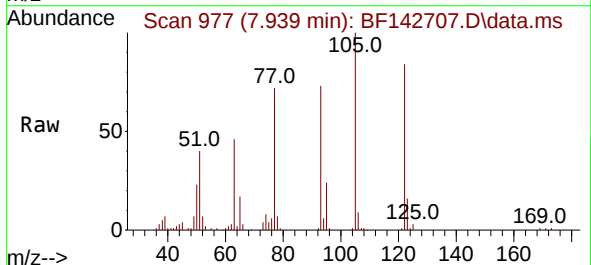
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

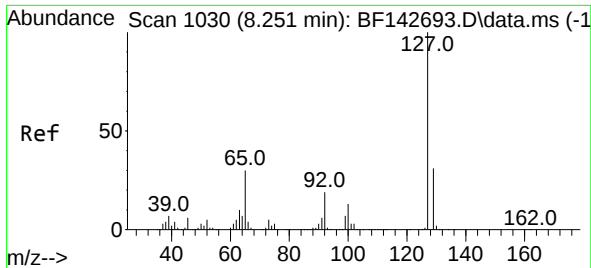
Tgt Ion:128 Resp: 604704  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.1 10.6 15.8



#32  
Benzoic acid  
Concen: 43.323 ng  
RT: 7.939 min Scan# 977  
Delta R.T. -0.041 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:122 Resp: 110354  
Ion Ratio Lower Upper  
122 100  
105 119.6 100.3 140.3  
77 86.4 67.9 107.9



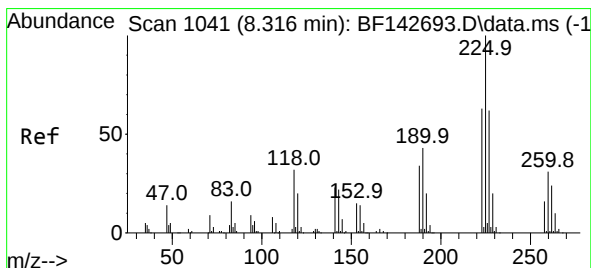
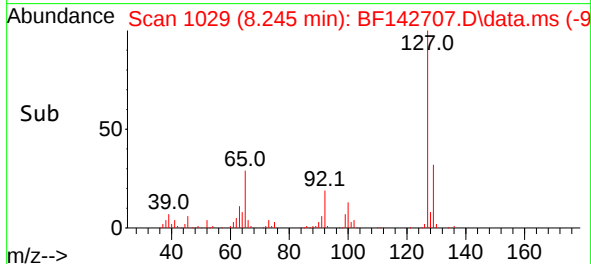
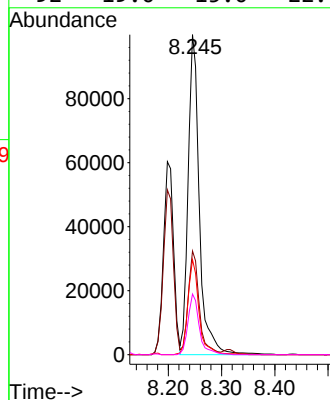
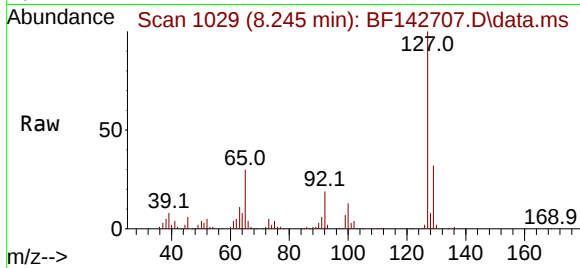


#33  
4-Chloroaniline  
Concen: 26.521 ng  
RT: 8.245 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

Tgt Ion:127 Resp: 146701

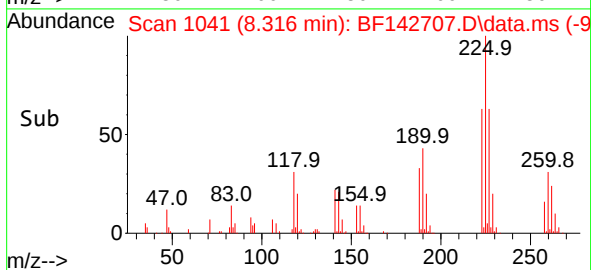
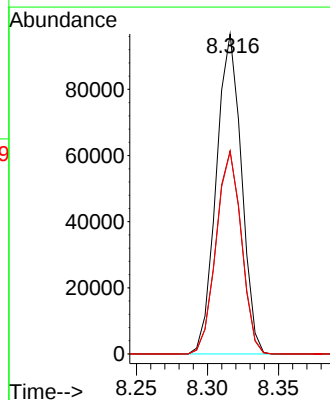
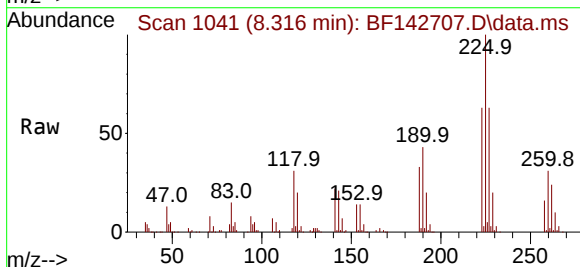
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.4  | 26.1  | 39.1  |
| 65  | 29.7  | 23.8  | 35.6  |
| 92  | 19.0  | 15.0  | 22.4  |

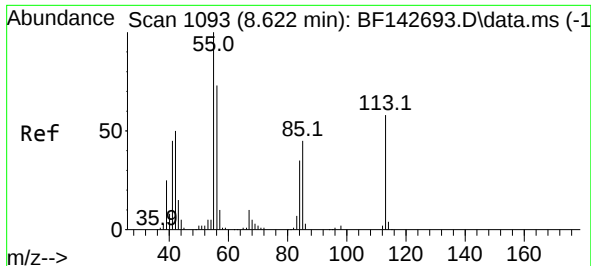


#34  
Hexachlorobutadiene  
Concen: 46.081 ng  
RT: 8.316 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:225 Resp: 119125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.5  | 50.7  | 76.1  |
| 227 | 63.3  | 49.8  | 74.8  |

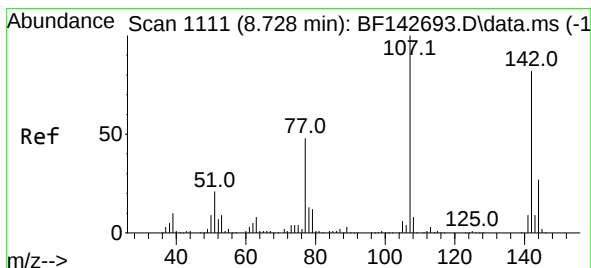
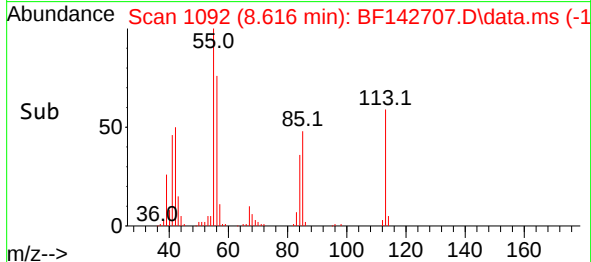
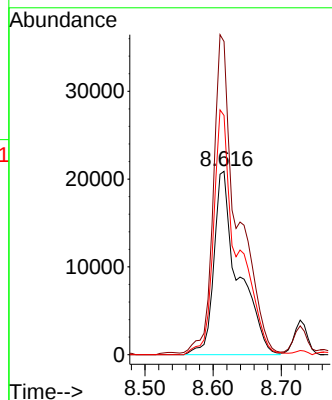
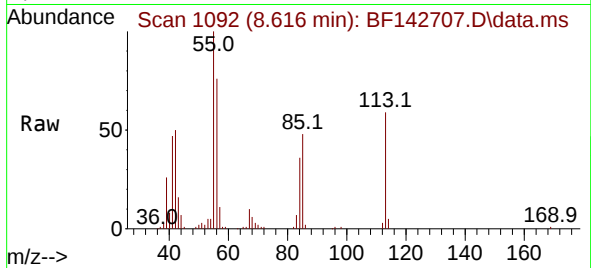




#35  
 Caprolactam  
 Concen: 43.802 ng  
 RT: 8.616 min Scan# 1092  
 Delta R.T. -0.029 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

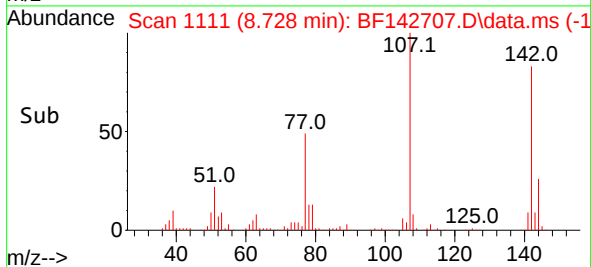
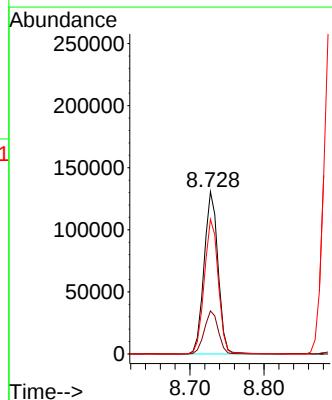
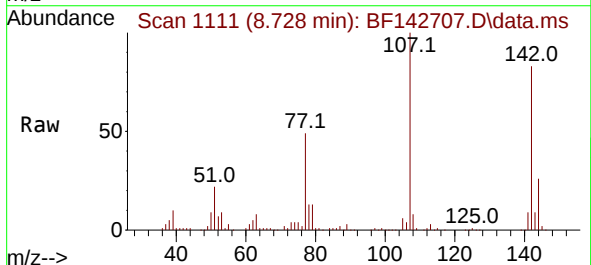
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5MS

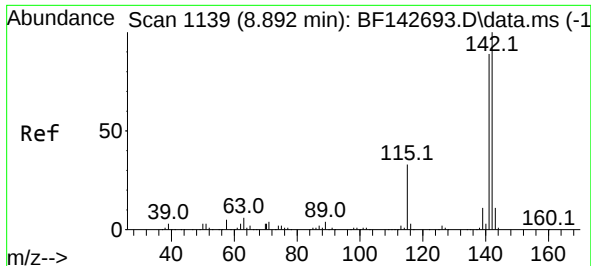
Tgt Ion:113 Resp: 51771  
 Ion Ratio Lower Upper  
 113 100  
 55 170.8 152.9 192.9  
 56 130.4 106.6 146.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.241 ng  
 RT: 8.728 min Scan# 1111  
 Delta R.T. -0.012 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

Tgt Ion:107 Resp: 171637  
 Ion Ratio Lower Upper  
 107 100  
 144 26.5 21.5 32.3  
 142 83.0 65.5 98.3

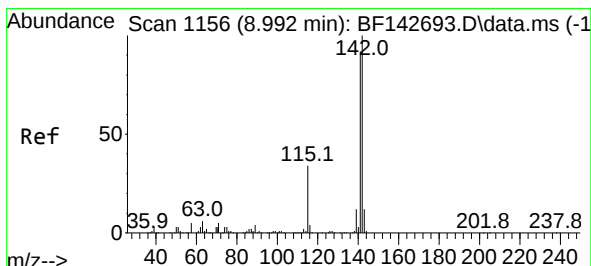
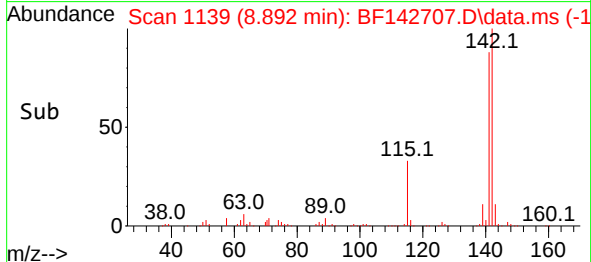
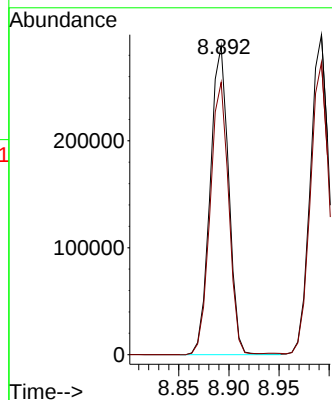
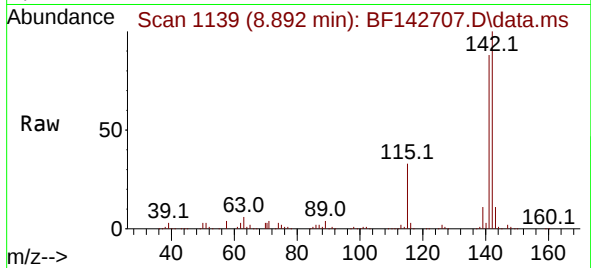




#37  
2-Methylnaphthalene  
Concen: 43.904 ng  
RT: 8.892 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

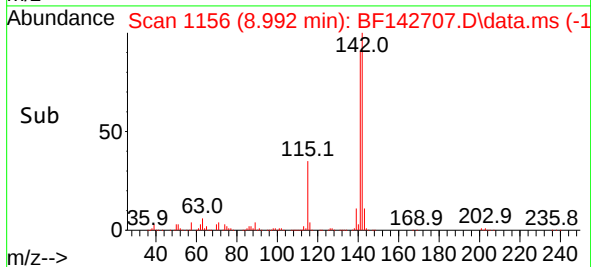
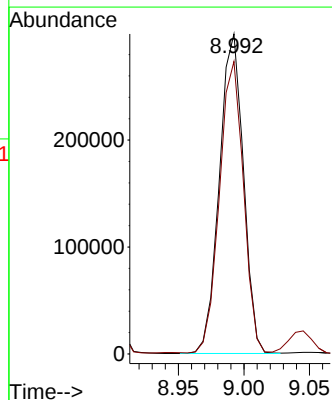
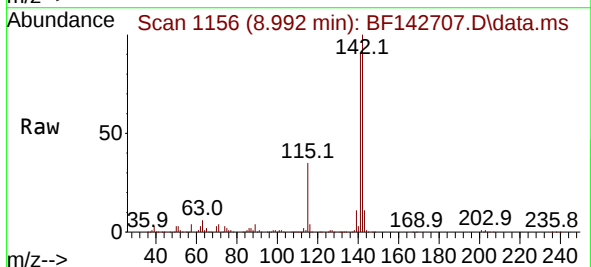
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

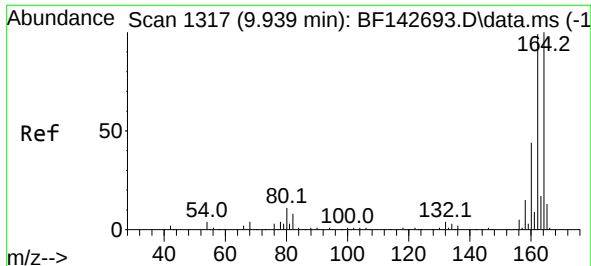
Tgt Ion:142 Resp: 371697  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.8 106.2



#38  
1-Methylnaphthalene  
Concen: 43.375 ng  
RT: 8.992 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:142 Resp: 380265  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

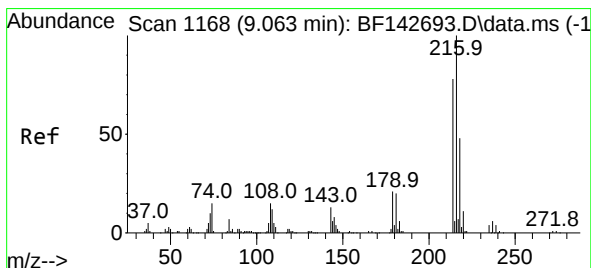
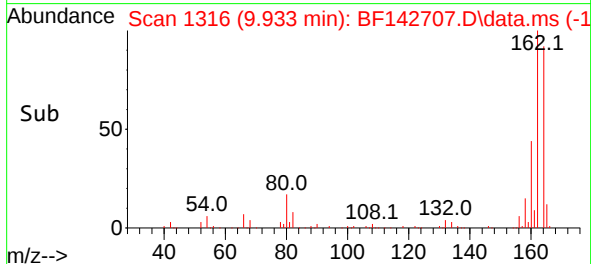
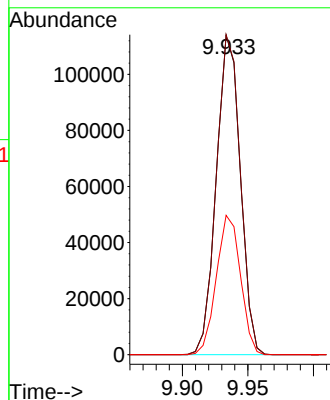
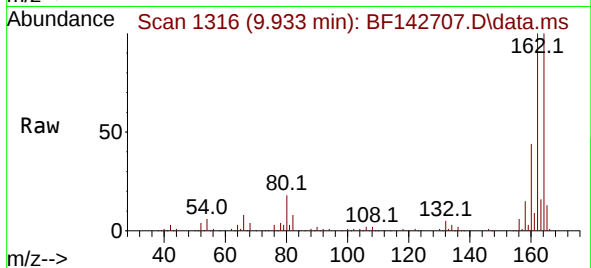
Tgt Ion:164 Resp: 145075

Ion Ratio Lower Upper

164 100

162 100.3 79.1 118.7

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.315 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Tgt Ion:216 Resp: 189986

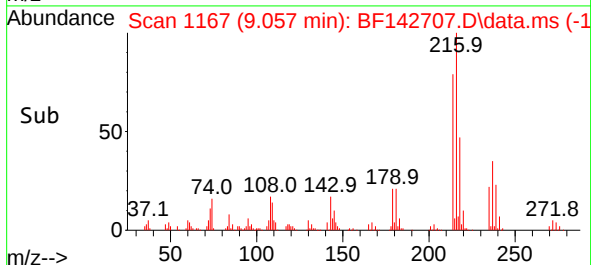
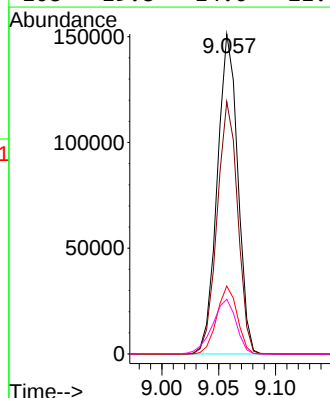
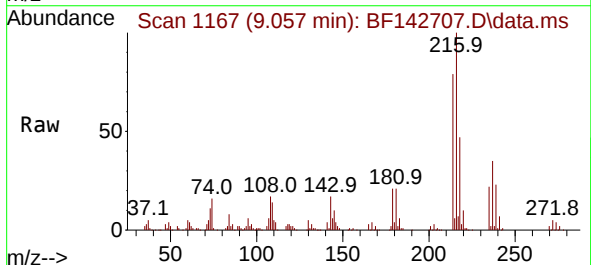
Ion Ratio Lower Upper

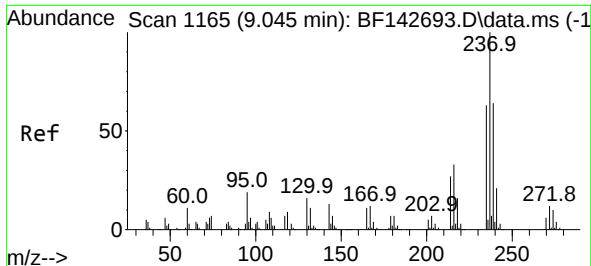
216 100

214 78.9 63.0 94.6

179 21.1 16.6 25.0

108 19.8 14.0 21.0

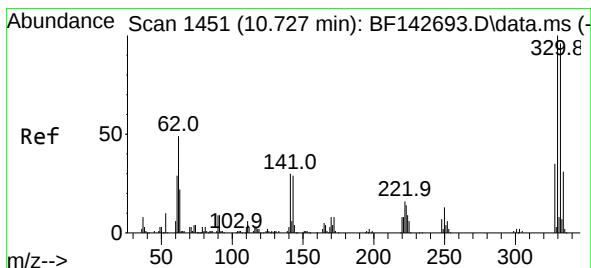
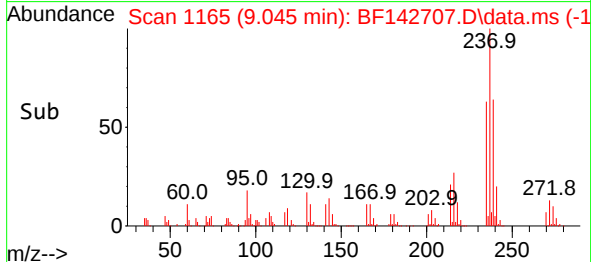
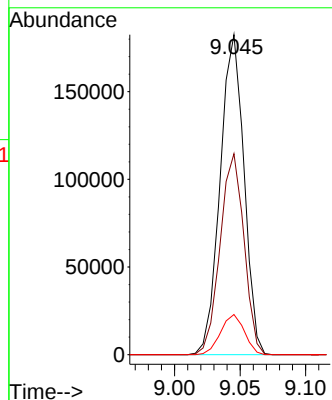
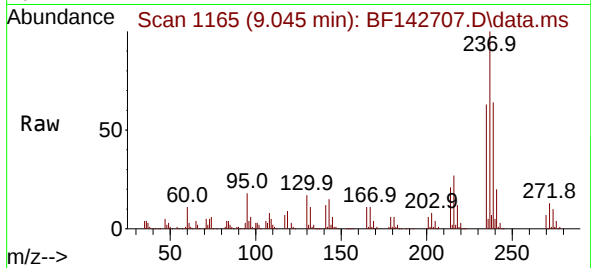




#41  
Hexachlorocyclopentadiene  
Concen: 93.671 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

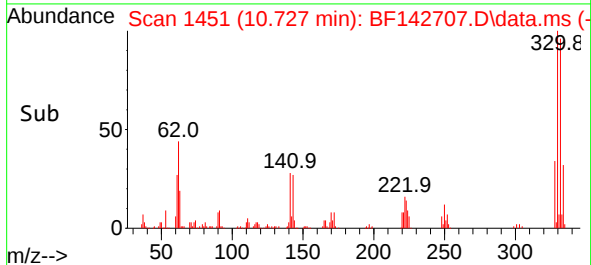
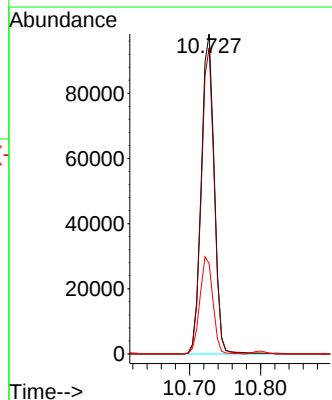
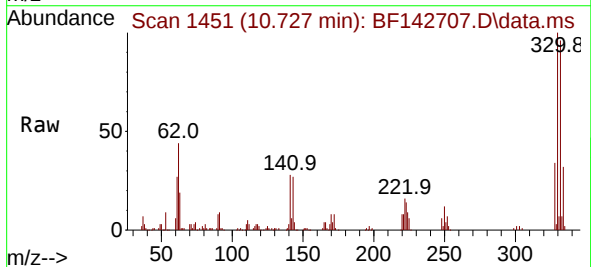
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

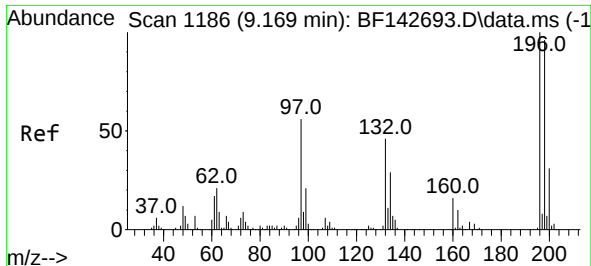
Tgt Ion:237 Resp: 230626  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.1 83.1  
272 12.5 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 76.874 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:330 Resp: 125299  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.1 115.7  
141 30.5 23.5 35.3

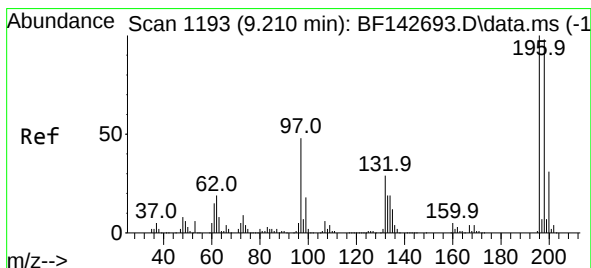
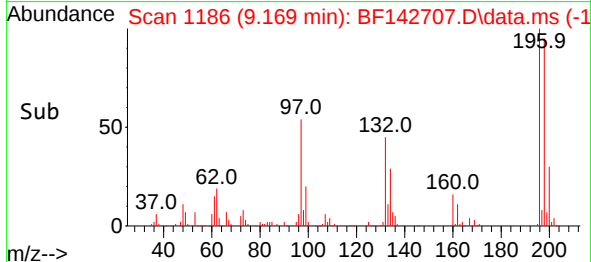
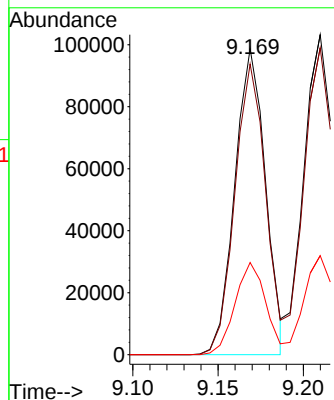
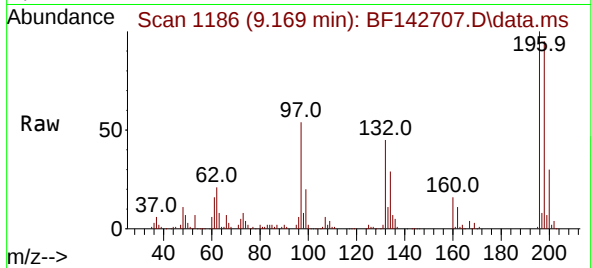




#43  
2,4,6-Trichlorophenol  
Concen: 44.916 ng  
RT: 9.169 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

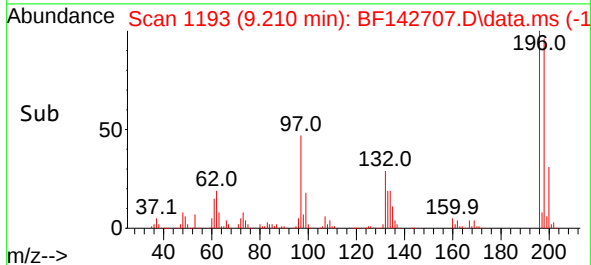
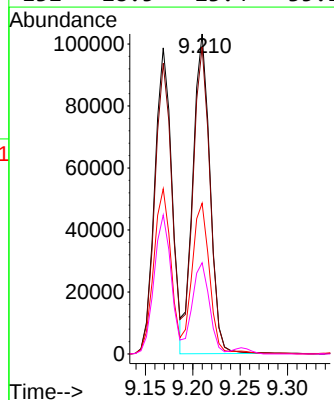
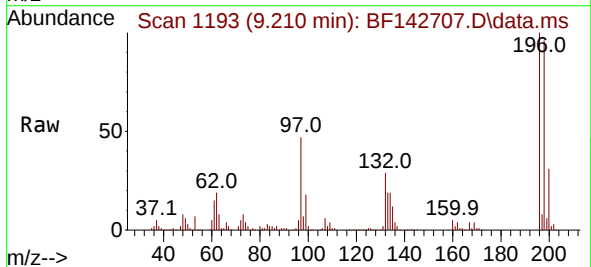
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

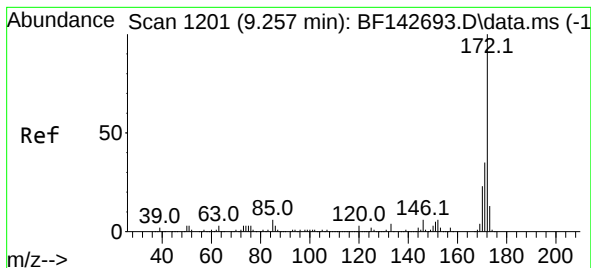
Tgt Ion:196 Resp: 123561  
Ion Ratio Lower Upper  
196 100  
198 95.0 77.1 115.7  
200 30.1 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 44.123 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:196 Resp: 129648  
Ion Ratio Lower Upper  
196 100  
198 95.9 78.2 117.2  
97 47.1 39.2 58.8  
132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 50.734 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

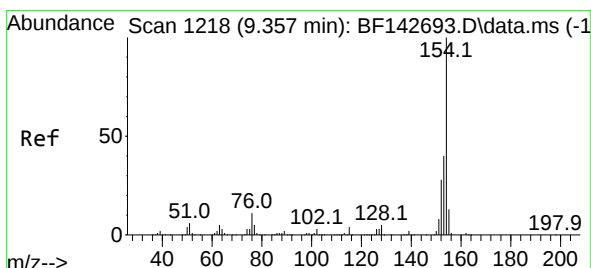
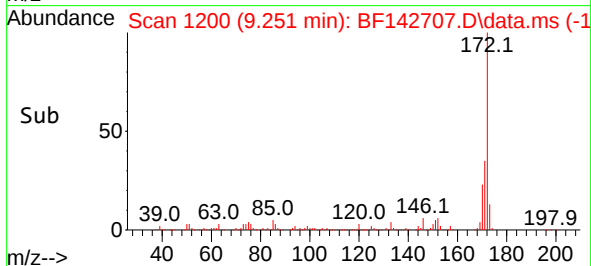
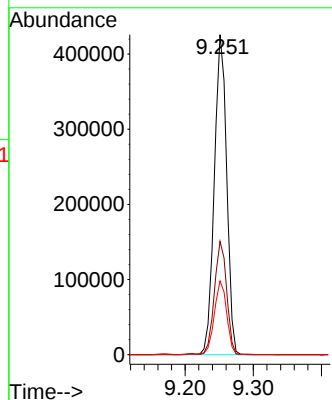
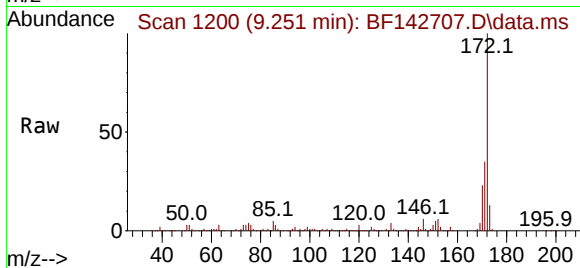
Tgt Ion:172 Resp: 538196

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.281 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

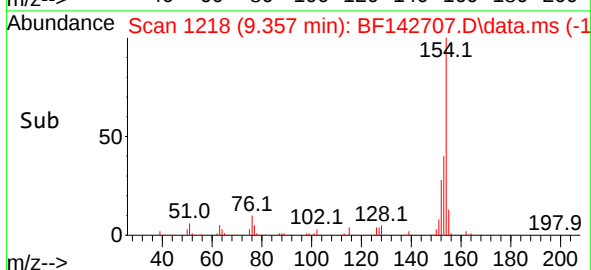
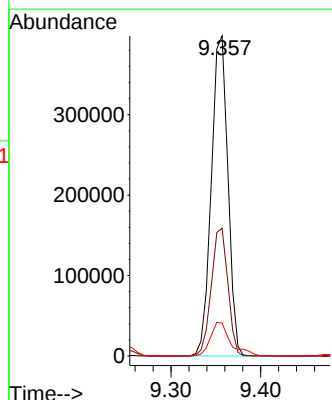
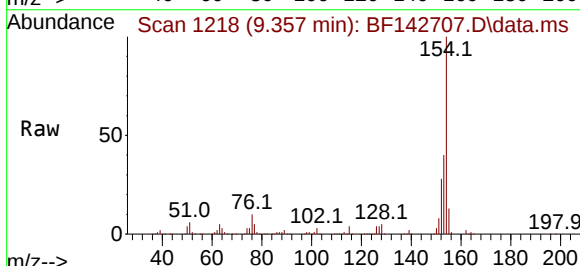
Tgt Ion:154 Resp: 510817

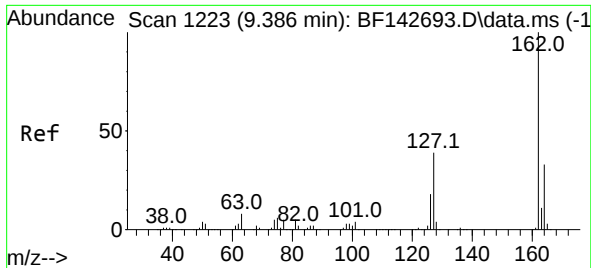
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 10.2 0.0 31.4

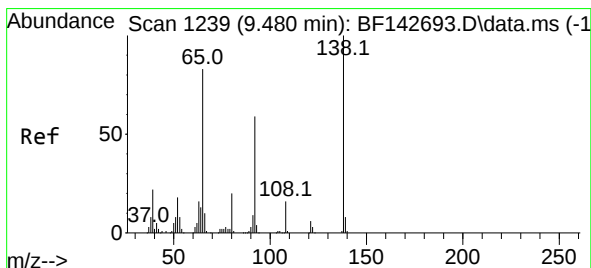
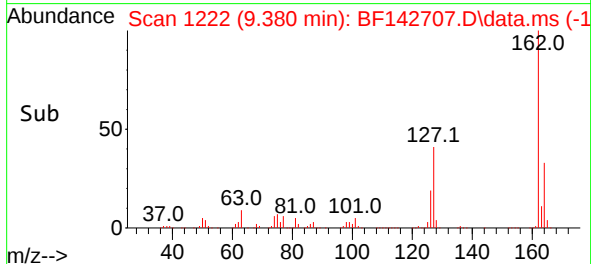
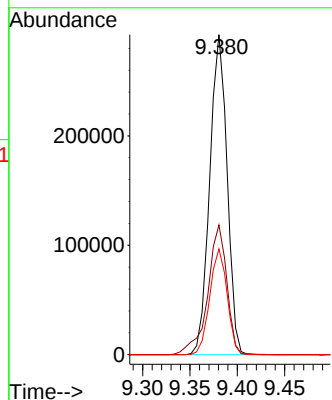
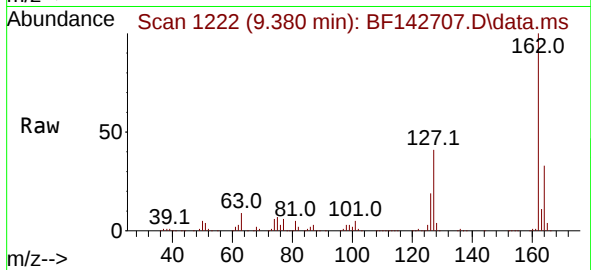




#47  
2-Chloronaphthalene  
Concen: 44.047 ng  
RT: 9.380 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

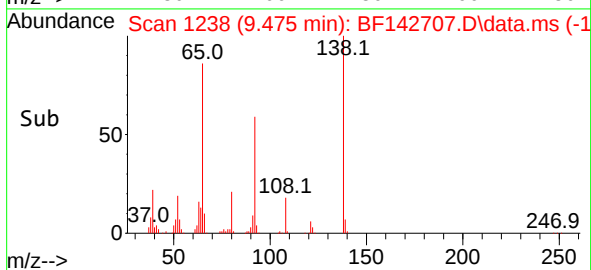
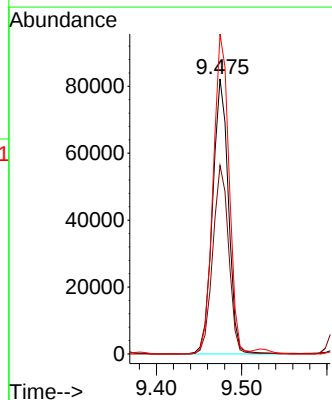
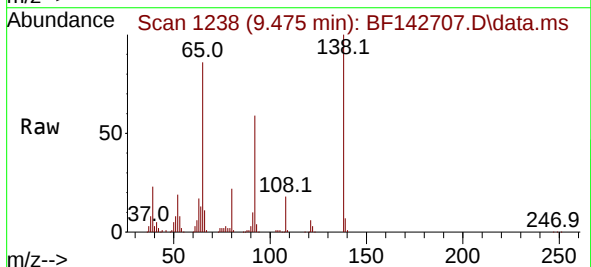
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

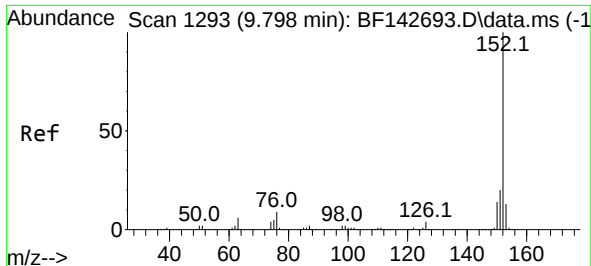
Tgt Ion:162 Resp: 372308  
Ion Ratio Lower Upper  
162 100  
127 40.6 31.7 47.5  
164 33.1 26.2 39.4



#48  
2-Nitroaniline  
Concen: 42.246 ng  
RT: 9.475 min Scan# 1238  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 65 Resp: 106260  
Ion Ratio Lower Upper  
65 100  
92 68.5 56.3 84.5  
138 116.3 95.9 143.9





#49

Acenaphthylene

Concen: 44.657 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

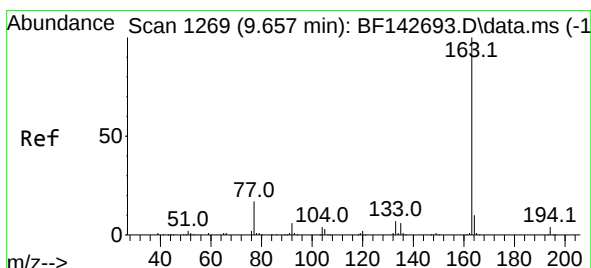
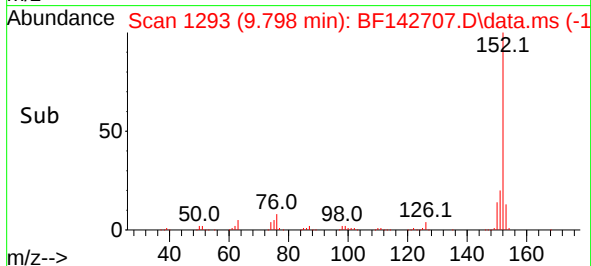
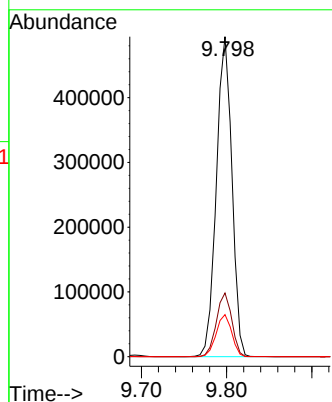
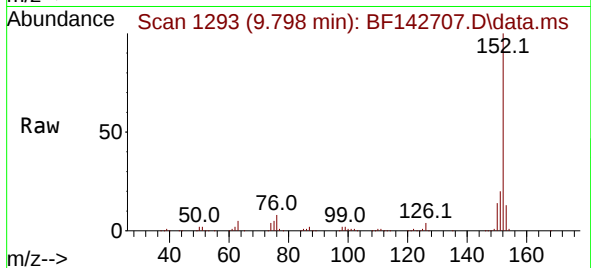
Tgt Ion:152 Resp: 625589

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 43.818 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

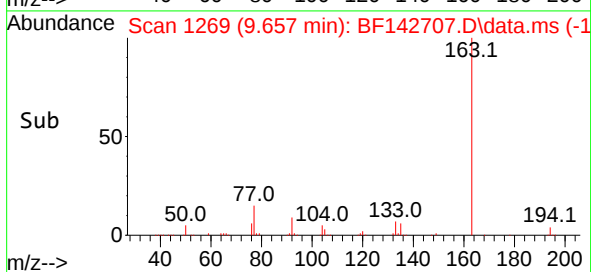
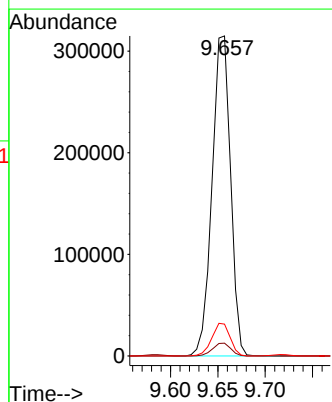
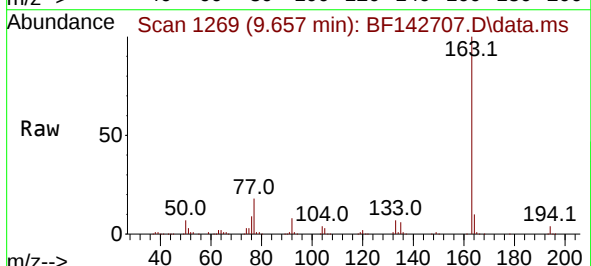
Tgt Ion:163 Resp: 427699

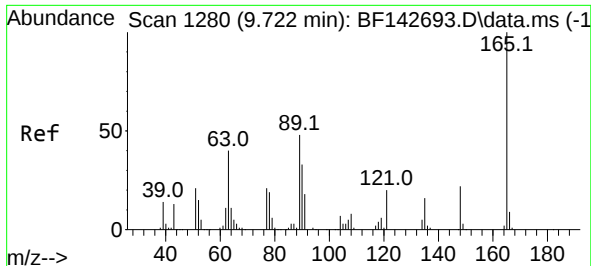
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.941 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

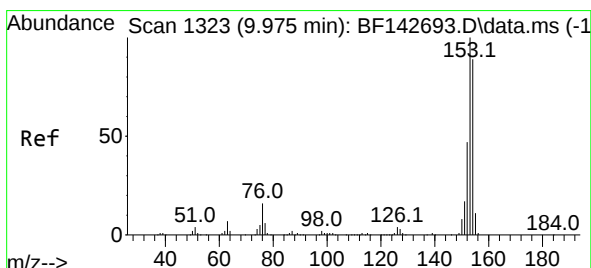
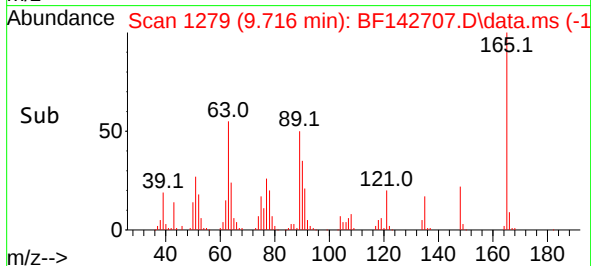
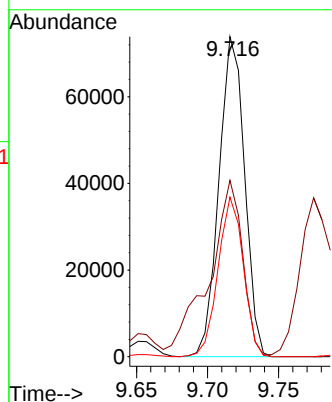
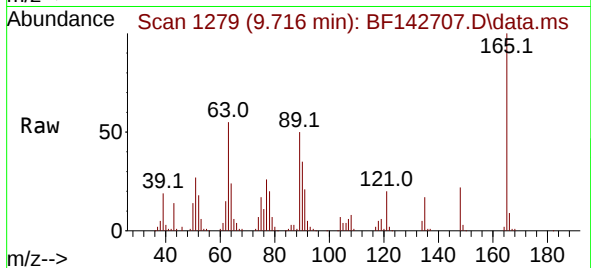
Tgt Ion:165 Resp: 92781

Ion Ratio Lower Upper

165 100

63 55.1 41.3 61.9

89 49.9 38.1 57.1



#52

Acenaphthene

Concen: 48.251 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

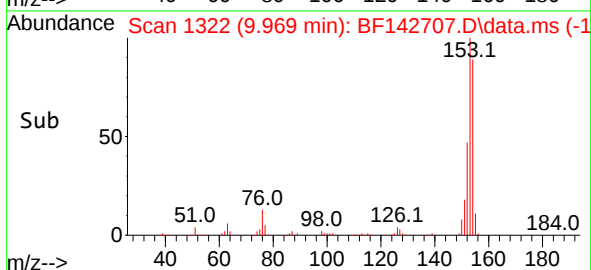
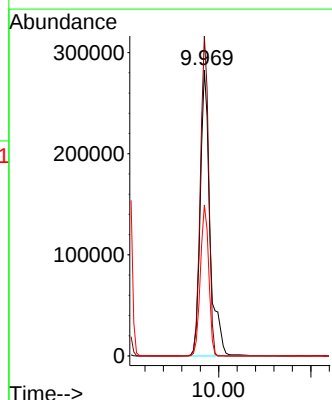
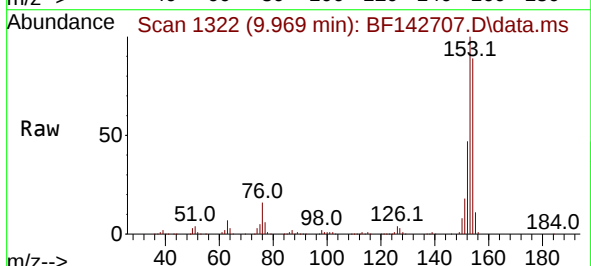
Tgt Ion:154 Resp: 413493

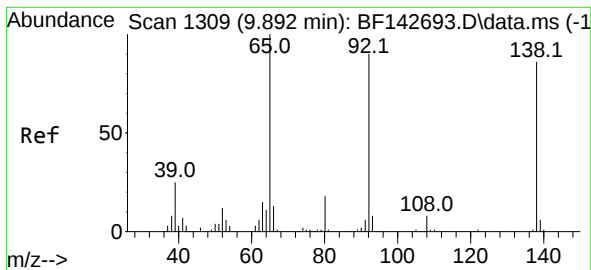
Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

152 52.8 41.8 62.8





#53

3-Nitroaniline

Concen: 29.227 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

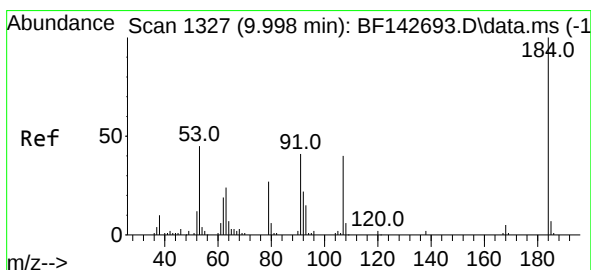
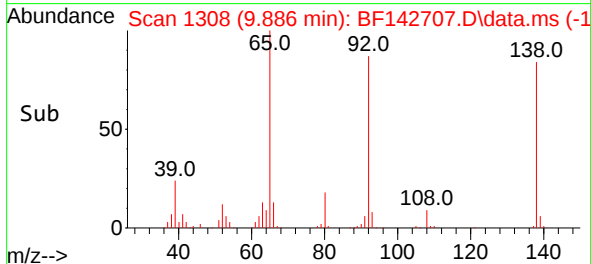
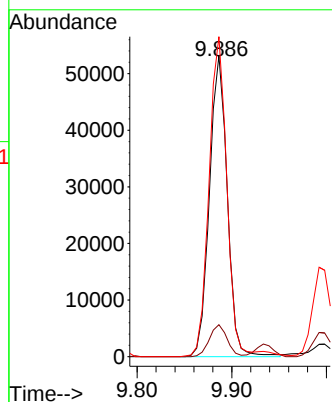
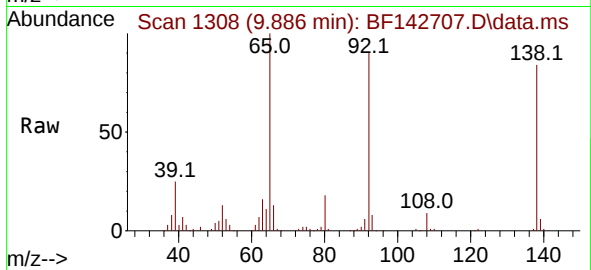
Tgt Ion:138 Resp: 69342

Ion Ratio Lower Upper

138 100

108 10.6 7.7 11.5

92 106.3 83.4 125.0



#54

2,4-Dinitrophenol

Concen: 82.076 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

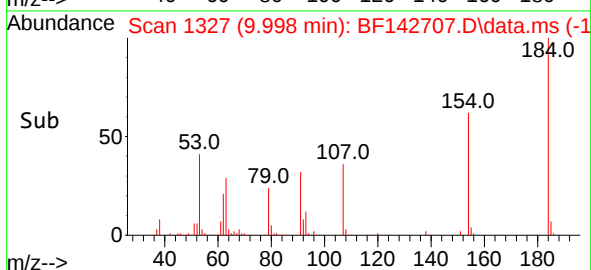
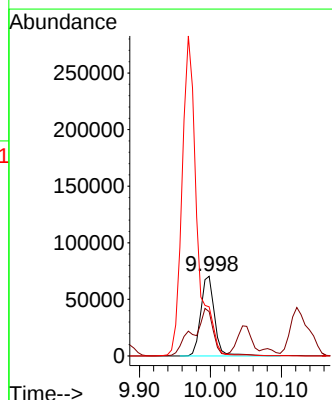
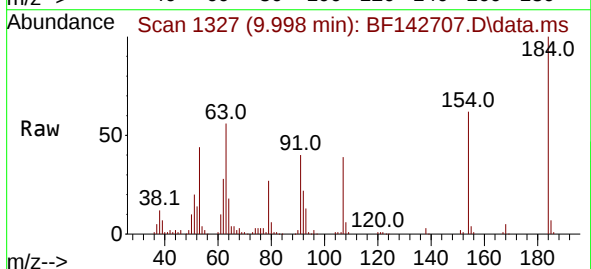
Tgt Ion:184 Resp: 95949

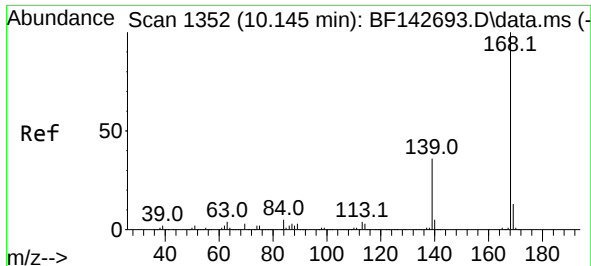
Ion Ratio Lower Upper

184 100

63 55.7 47.4 71.0

154 61.7 48.6 73.0

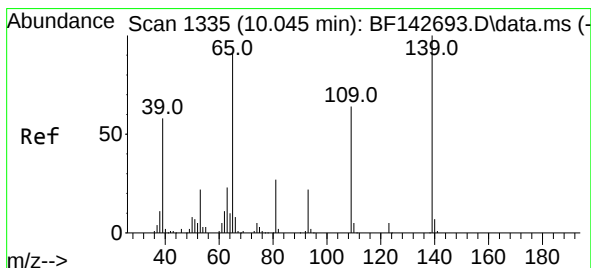
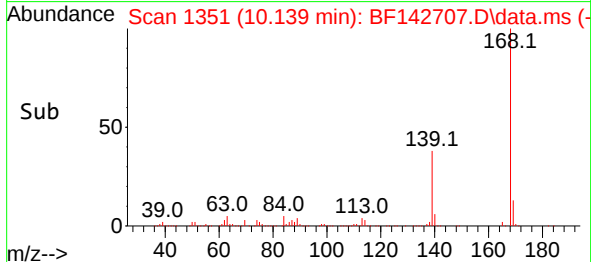
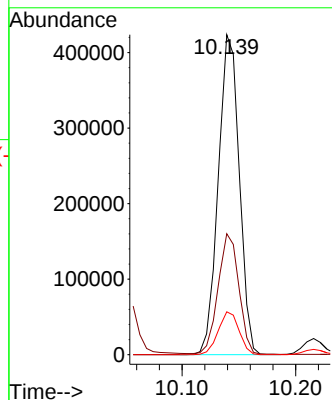
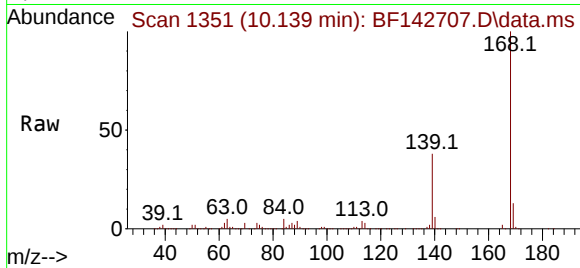




#55  
Dibenzenofuran  
Concen: 44.314 ng  
RT: 10.139 min Scan# 1351  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

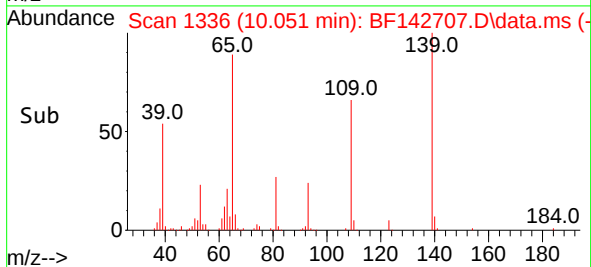
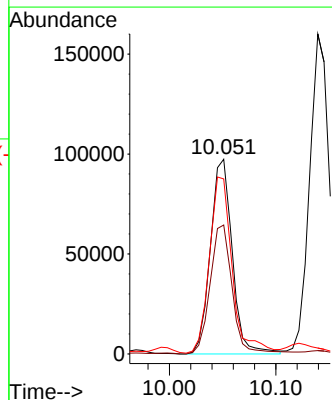
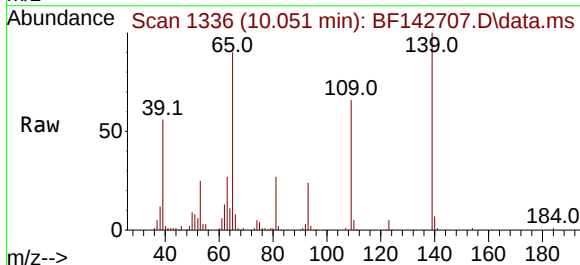
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

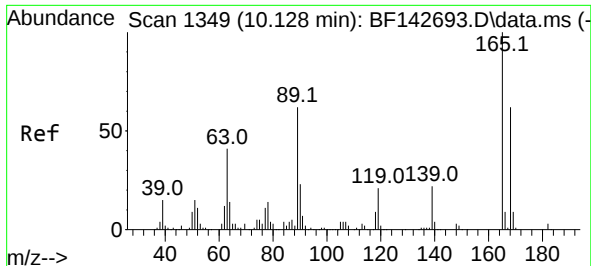
Tgt Ion:168 Resp: 544806  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.2 43.8  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 85.199 ng  
RT: 10.051 min Scan# 1336  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:139 Resp: 138939  
Ion Ratio Lower Upper  
139 100  
109 66.2 44.4 84.4  
65 89.8 72.1 112.1

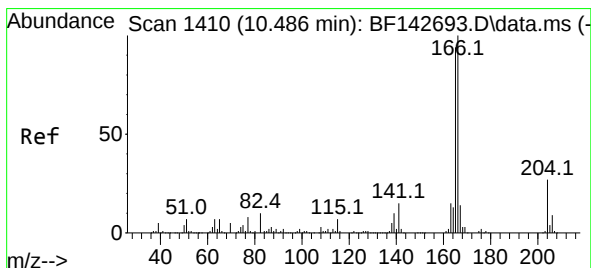
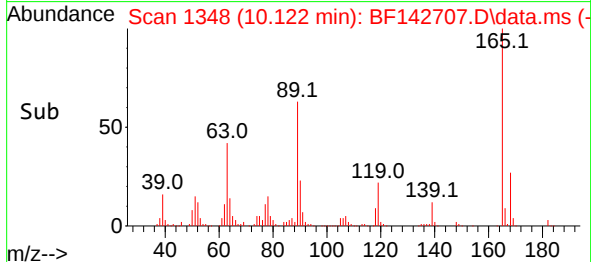
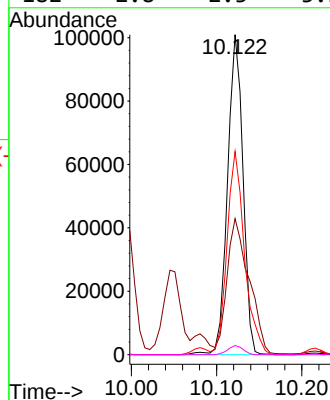
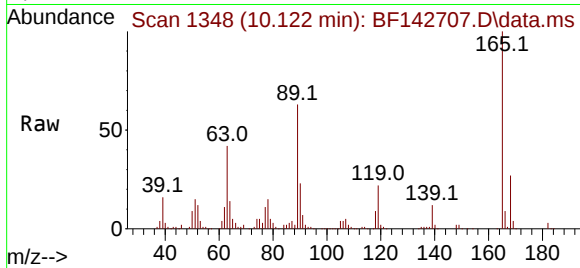




#57  
2,4-Dinitrotoluene  
Concen: 44.849 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

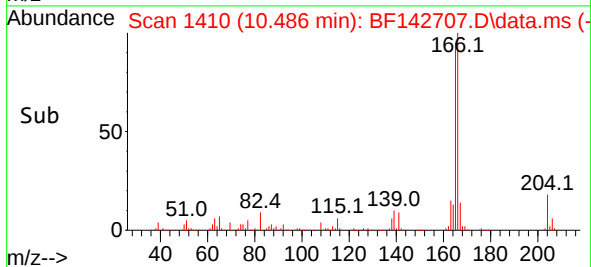
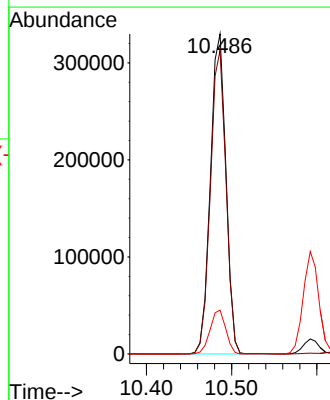
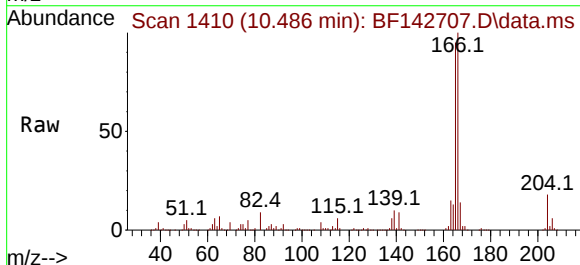
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

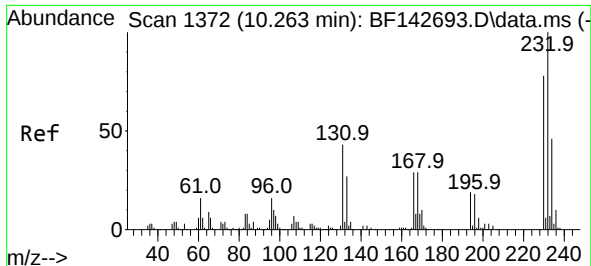
Tgt Ion:165 Resp: 126936  
Ion Ratio Lower Upper  
165 100  
63 42.5 33.6 50.4  
89 63.5 49.4 74.0  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 42.482 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:166 Resp: 417455  
Ion Ratio Lower Upper  
166 100  
165 94.9 75.0 112.6  
167 13.7 10.8 16.2

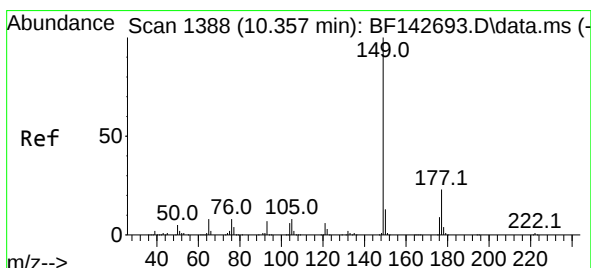
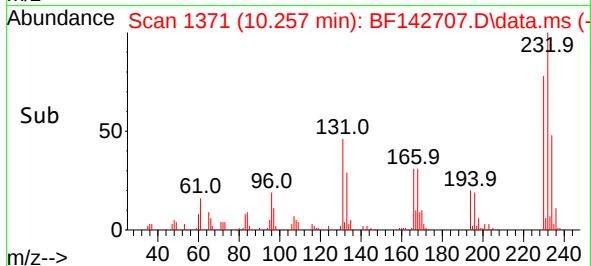
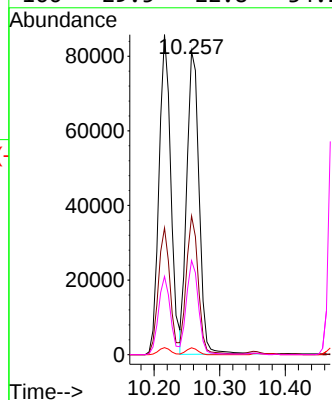
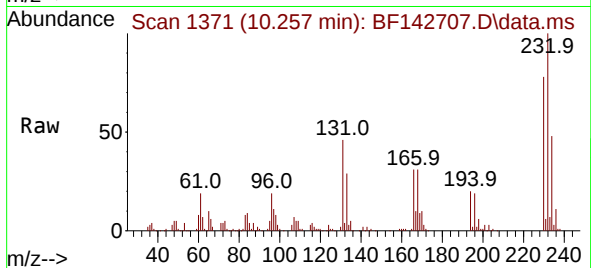




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.702 ng  
RT: 10.257 min Scan# 1371  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

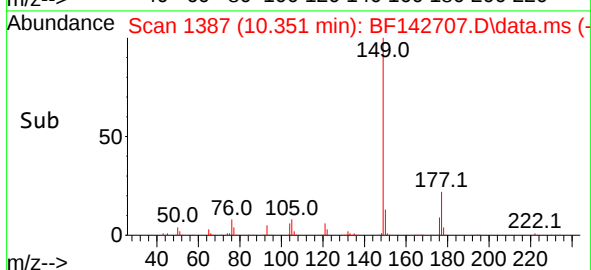
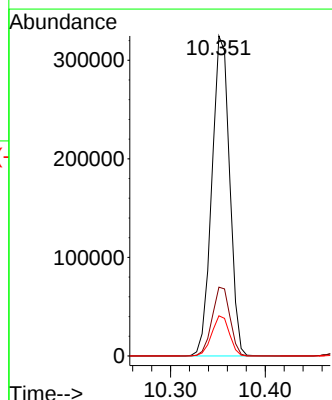
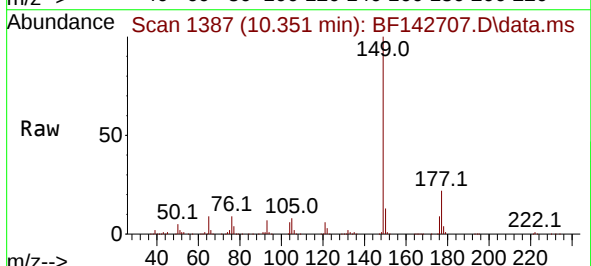
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

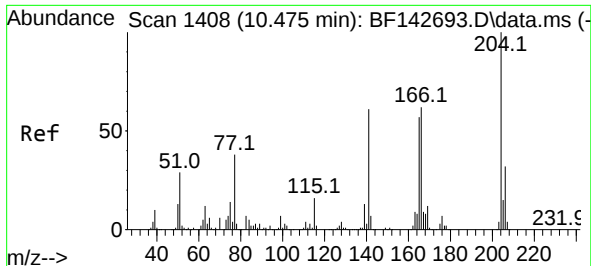
Tgt Ion:232 Resp: 105582  
Ion Ratio Lower Upper  
232 100  
131 44.3 33.5 50.3  
130 2.1 1.5 2.3  
166 29.5 22.8 34.2



#60  
Diethylphthalate  
Concen: 44.667 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 423266  
Ion Ratio Lower Upper  
149 100  
177 21.5 18.0 27.0  
150 12.6 10.0 15.0

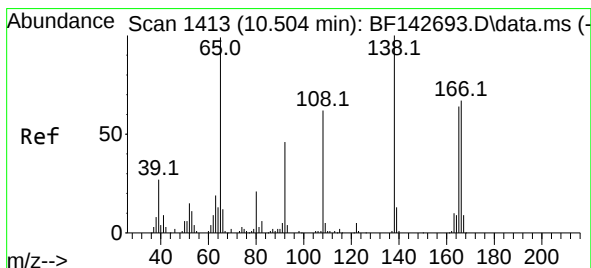
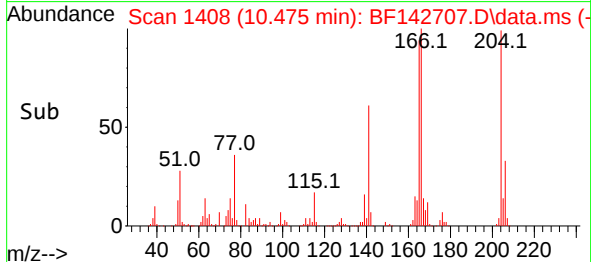
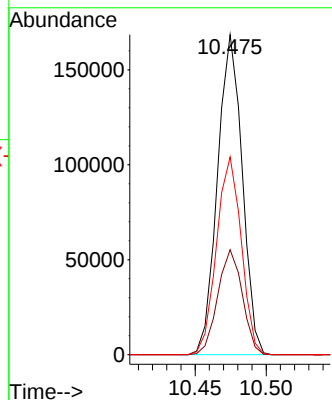
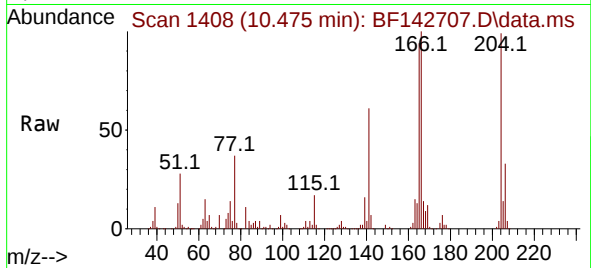




#61  
4-Chlorophenyl-phenylether  
Concen: 43.848 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

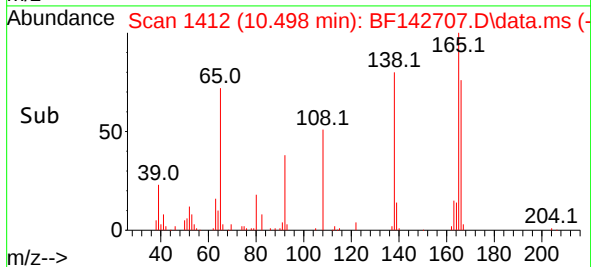
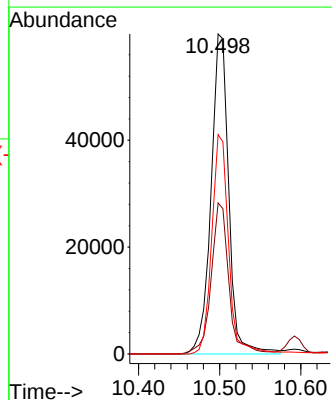
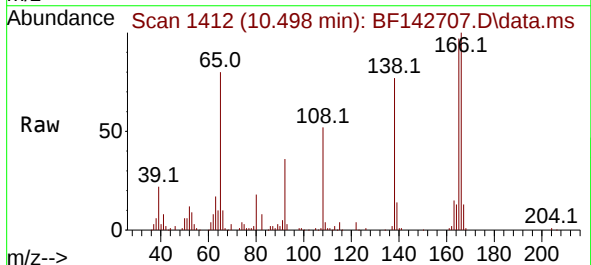
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

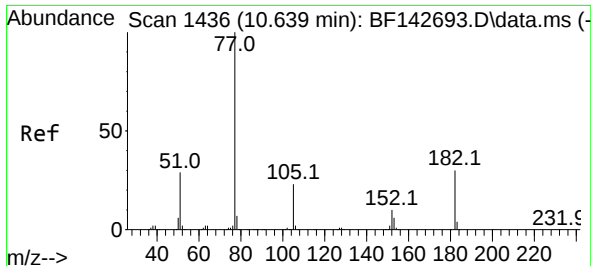
Tgt Ion:204 Resp: 203717  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.6 38.4  
141 61.8 48.9 73.3



#62  
4-Nitroaniline  
Concen: 40.313 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.018 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:138 Resp: 90730  
Ion Ratio Lower Upper  
138 100  
92 47.2 25.8 65.8  
108 68.5 42.3 82.3



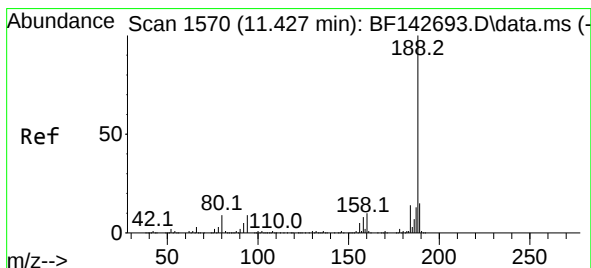
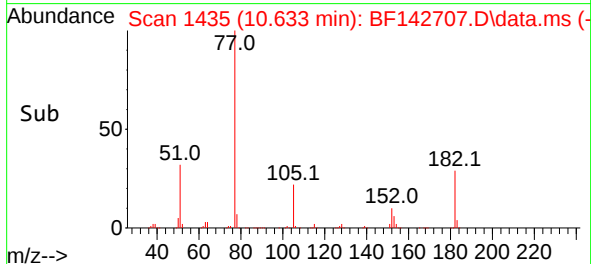
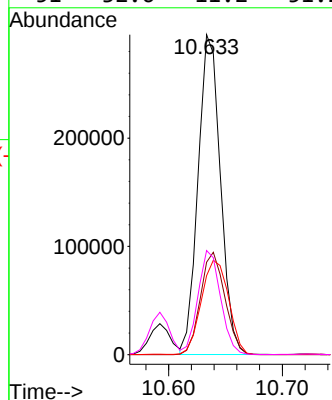
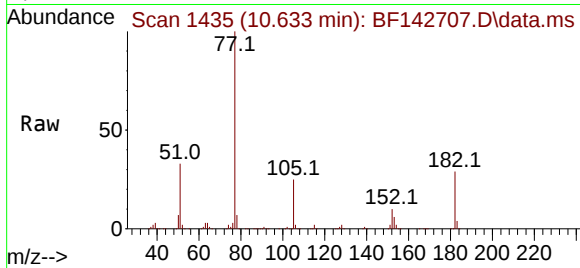


#63  
Azobenzene  
Concen: 47.665 ng  
RT: 10.633 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

Tgt Ion: 77 Resp: 404594

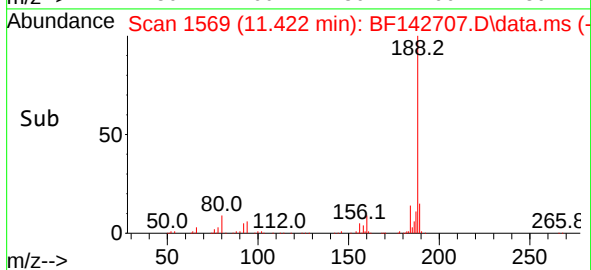
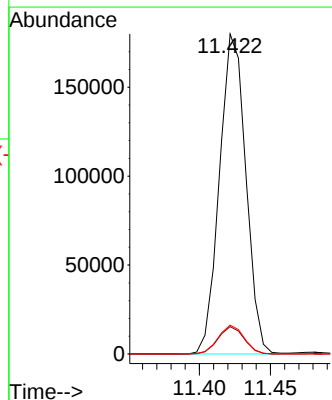
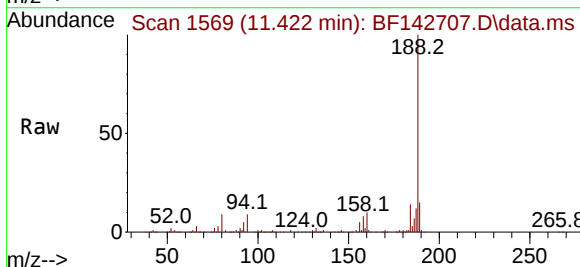
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.9  | 9.5   | 49.5  |
| 105 | 24.7  | 2.3   | 42.3  |
| 51  | 32.6  | 11.2  | 51.2  |

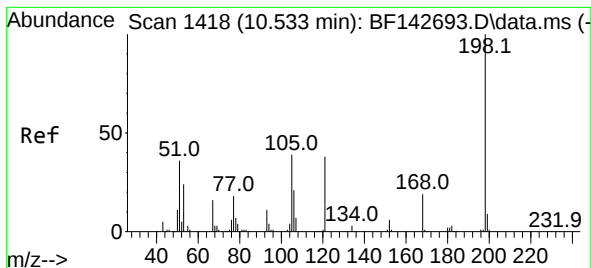


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion: 188 Resp: 232310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.5   | 7.0   | 10.4  |
| 80  | 9.0   | 7.2   | 10.8  |

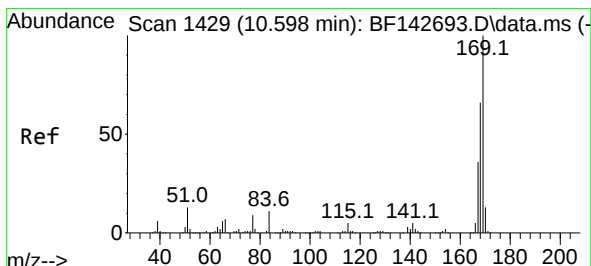
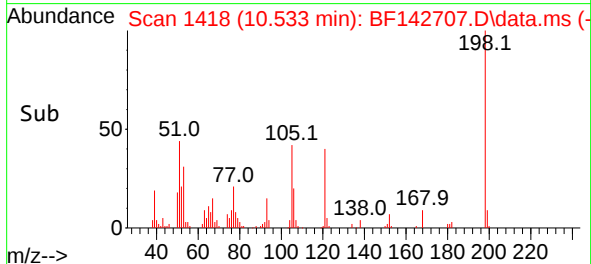
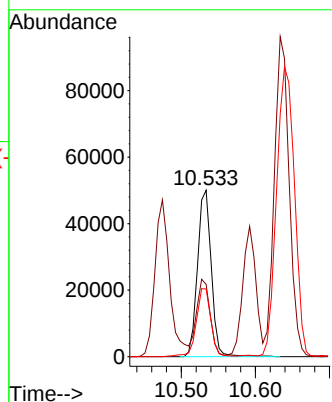
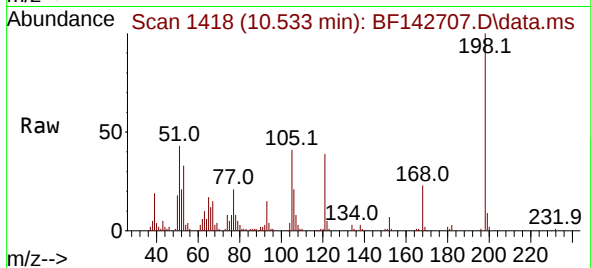




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.501 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

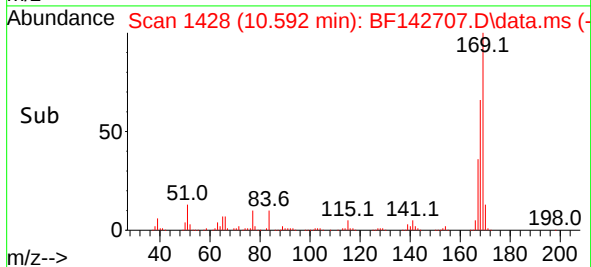
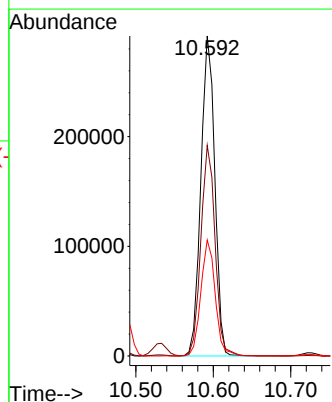
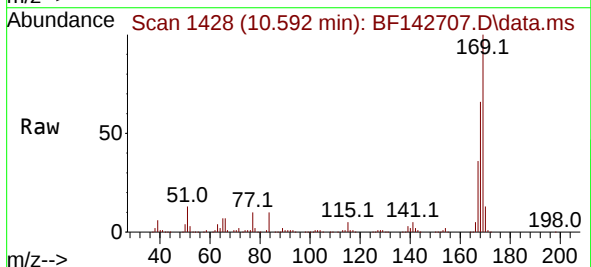
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

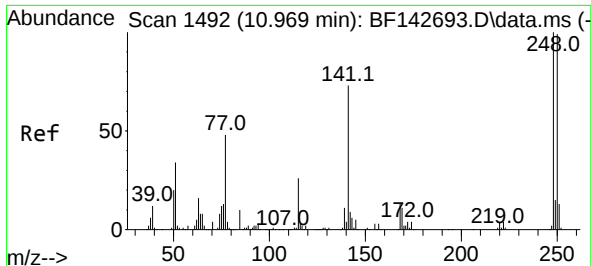
Tgt Ion:198 Resp: 64455  
Ion Ratio Lower Upper  
198 100  
51 43.5 25.9 65.9  
105 40.7 20.0 60.0



#66  
n-Nitrosodiphenylamine  
Concen: 48.550 ng  
RT: 10.592 min Scan# 1428  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:169 Resp: 364150  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.1 79.7  
167 36.2 28.4 42.6

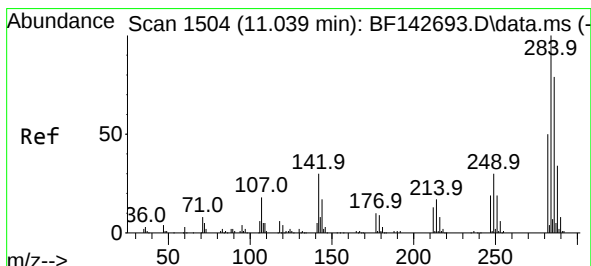
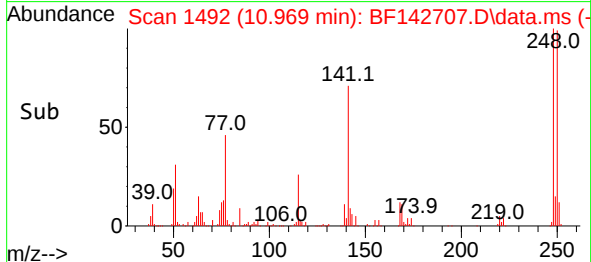
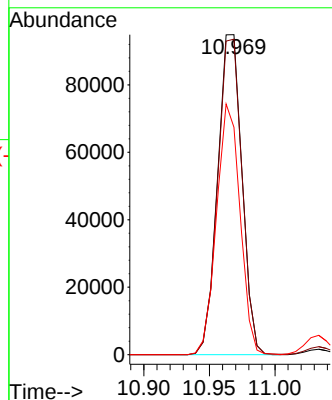
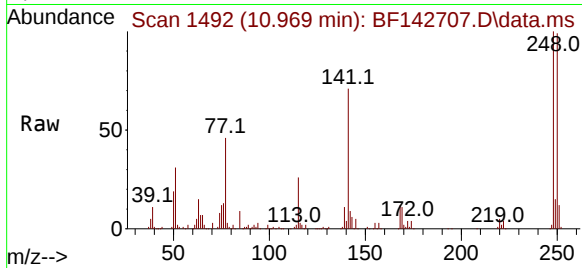




#67  
4-Bromophenyl-phenylether  
Concen: 47.703 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

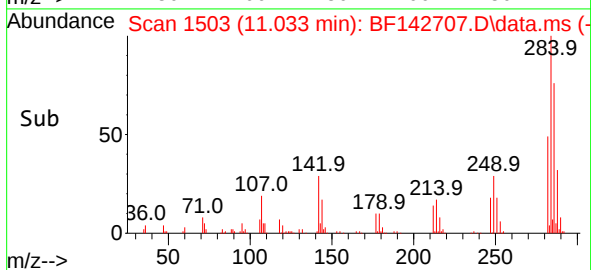
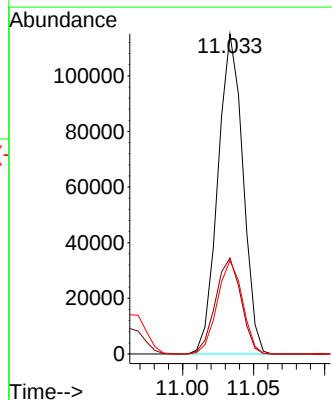
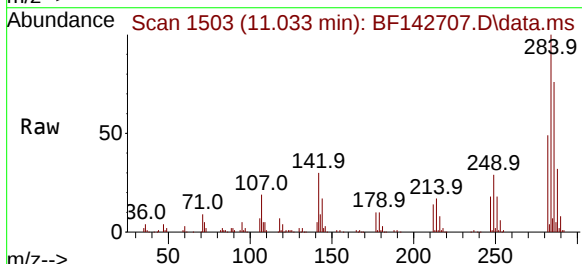
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

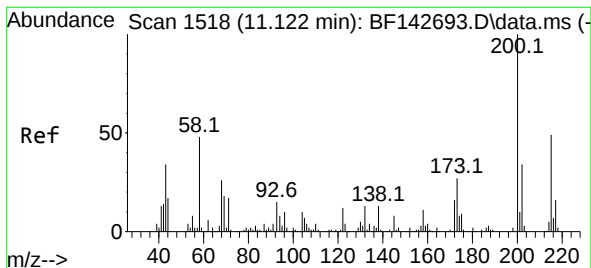
Tgt Ion:248 Resp: 122488  
Ion Ratio Lower Upper  
248 100  
250 98.6 79.1 118.7  
141 71.0 58.5 87.7



#68  
Hexachlorobenzene  
Concen: 47.723 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:284 Resp: 140803  
Ion Ratio Lower Upper  
284 100  
142 30.0 23.6 35.4  
249 29.2 23.8 35.8





#69

Atrazine

Concen: 49.125 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

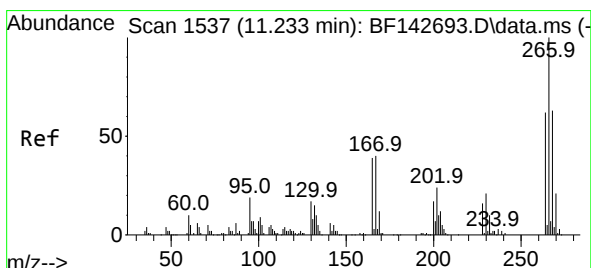
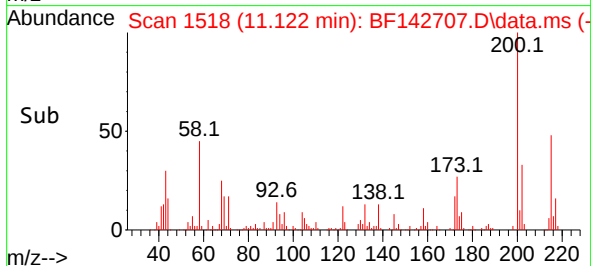
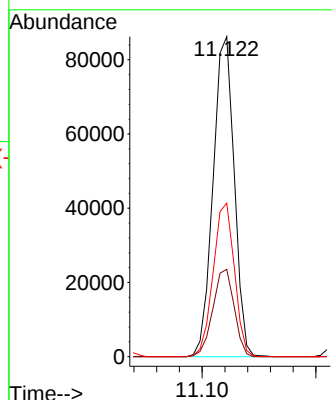
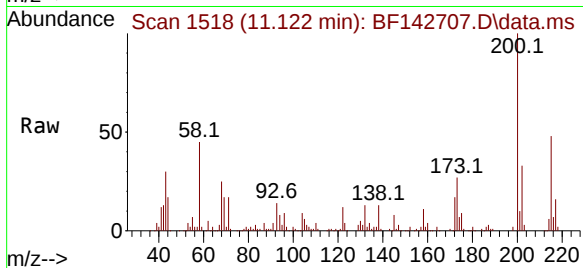
Tgt Ion:200 Resp: 111741

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.0 28.9 68.9



#70

Pentachlorophenol

Concen: 89.026 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

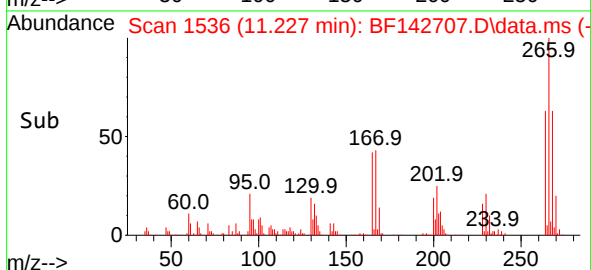
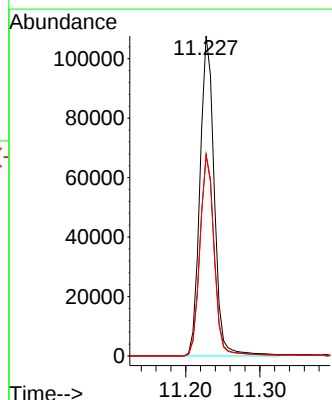
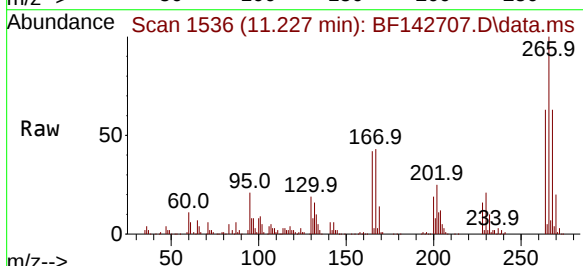
Tgt Ion:266 Resp: 144449

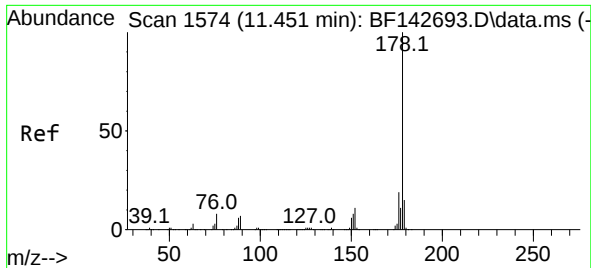
Ion Ratio Lower Upper

266 100

268 62.9 50.8 76.2

264 62.7 49.7 74.5

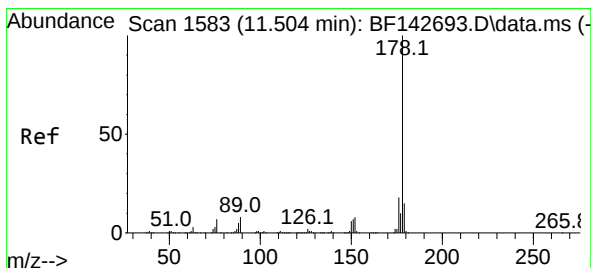
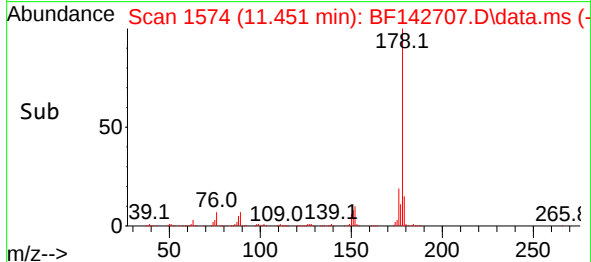
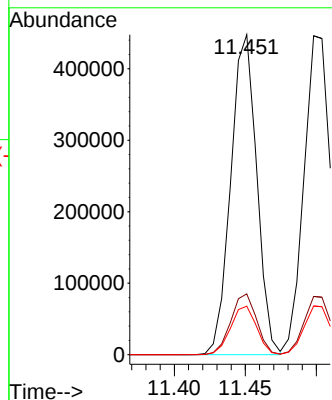
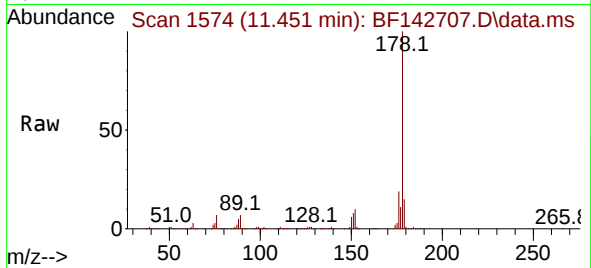




#71  
Phenanthrene  
Concen: 45.942 ng  
RT: 11.451 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

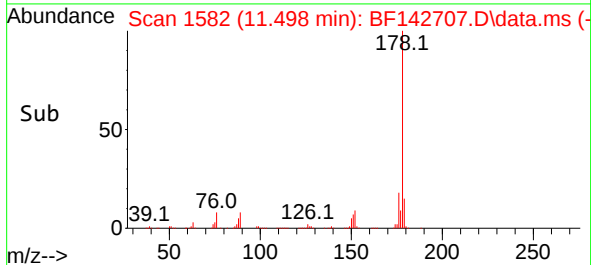
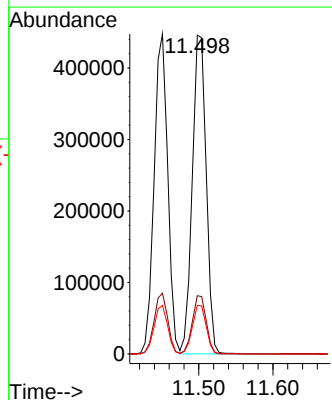
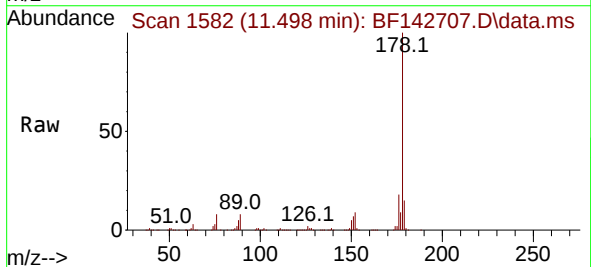
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

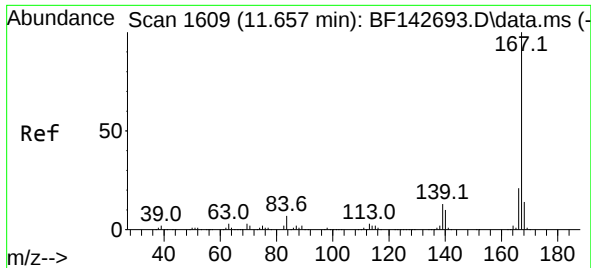
Tgt Ion:178 Resp: 570569  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.2 12.4 18.6



#72  
Anthracene  
Concen: 45.175 ng  
RT: 11.498 min Scan# 1582  
Delta R.T. -0.012 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:178 Resp: 582233  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.7 22.1  
179 15.3 12.2 18.2

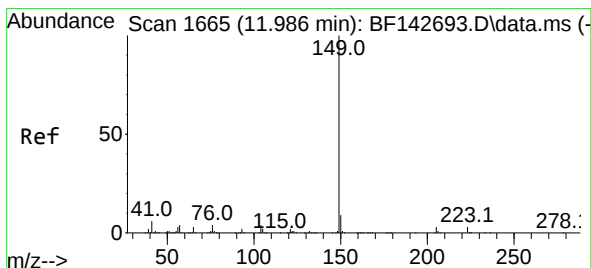
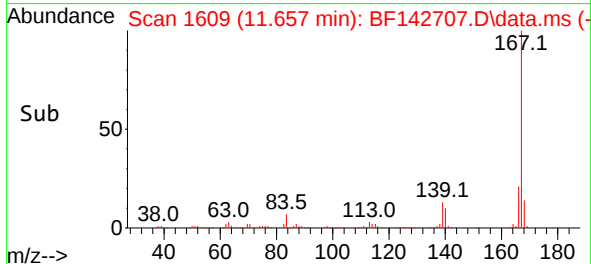
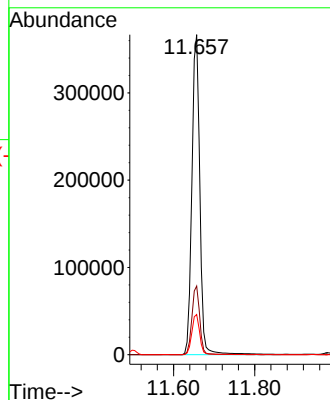
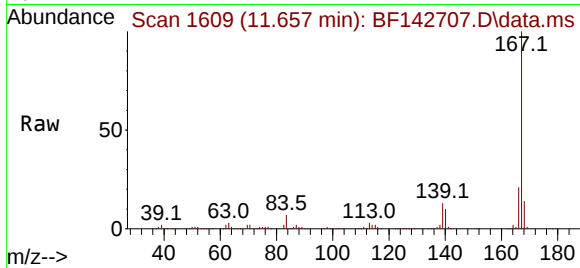




#73  
 Carbazole  
 Concen: 43.045 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

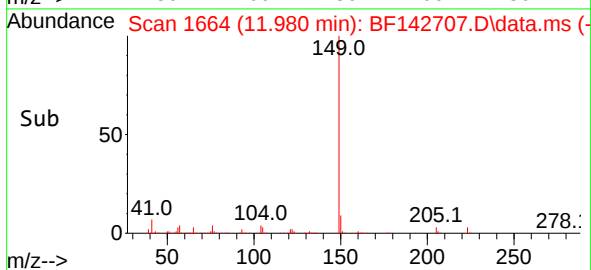
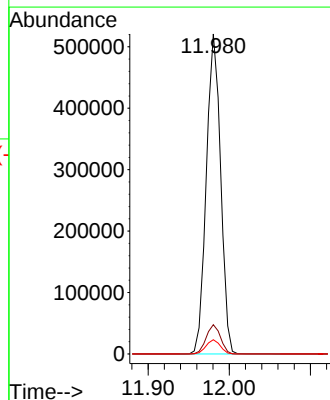
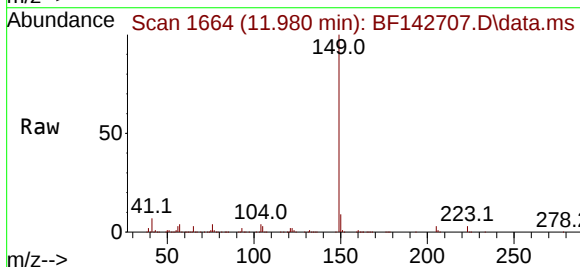
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5MS

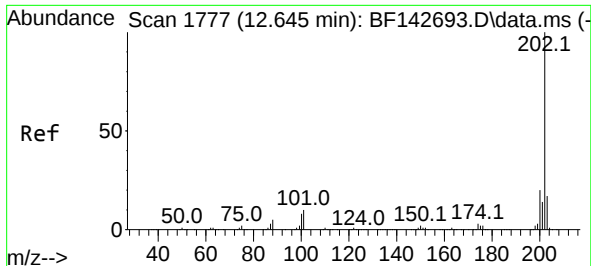
Tgt Ion:167 Resp: 499561  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.4  
 139 12.5 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 51.543 ng  
 RT: 11.980 min Scan# 1664  
 Delta R.T. -0.006 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 635033  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 4.4 3.3 4.9

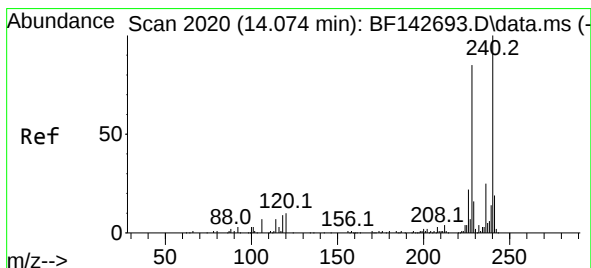
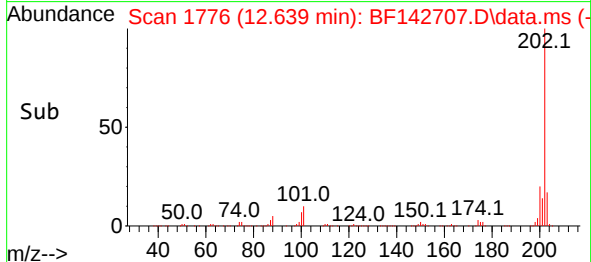
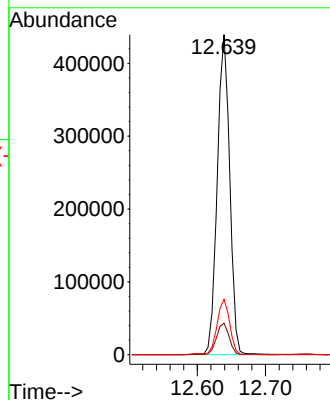
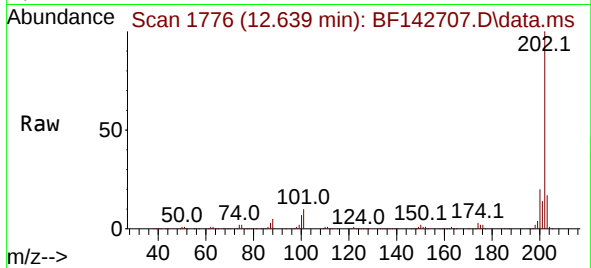




#75  
Fluoranthene  
Concen: 44.920 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

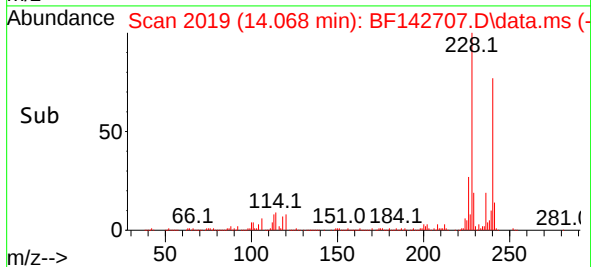
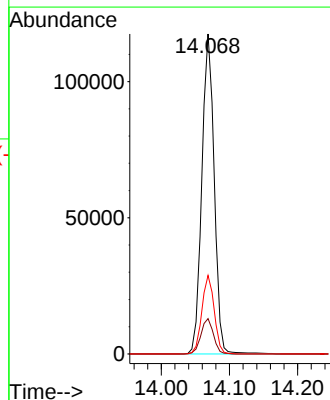
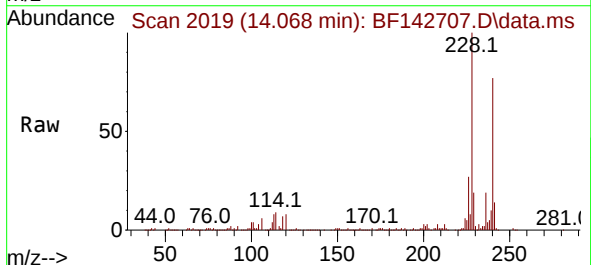
Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

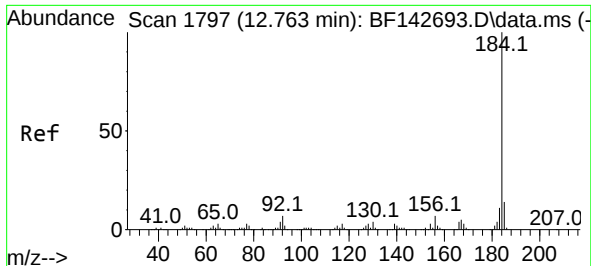
Tgt Ion:202 Resp: 558947  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.2  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

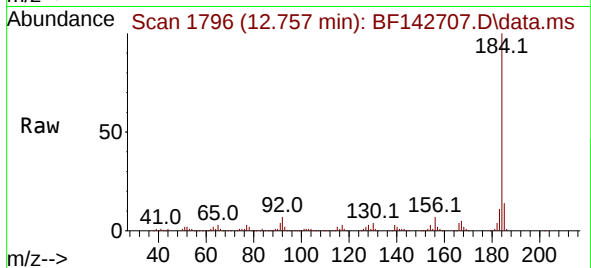
Tgt Ion:240 Resp: 148312  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.4 12.6  
236 24.6 20.2 30.2



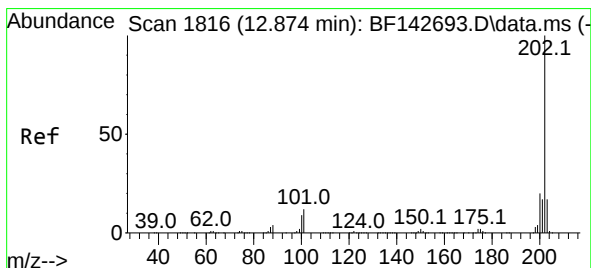
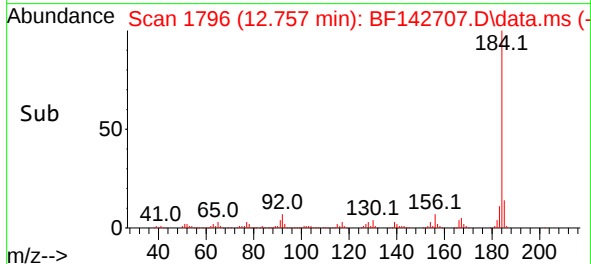
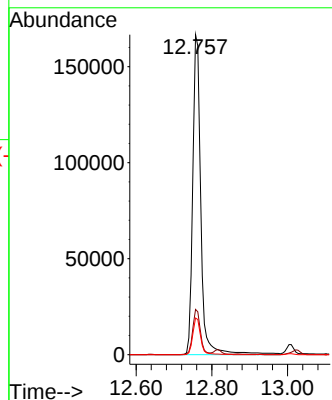


#77  
Benzidine  
Concen: 48.519 ng  
RT: 12.757 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

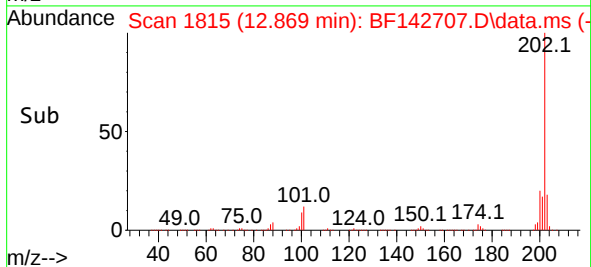
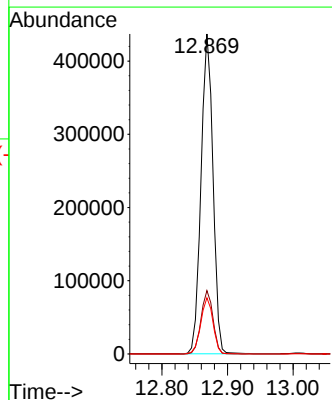
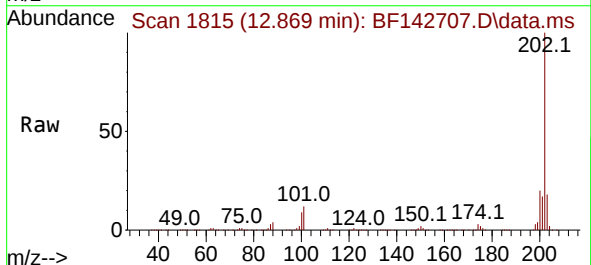


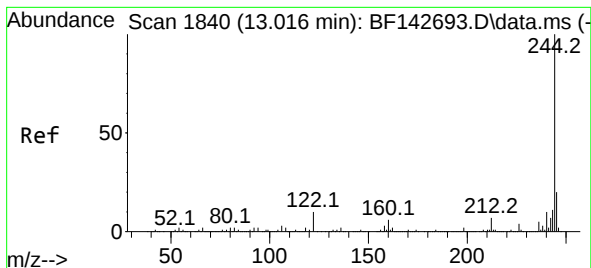
Tgt Ion:184 Resp: 248352  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.6 17.4  
183 11.4 8.9 13.3



#78  
Pyrene  
Concen: 45.977 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:202 Resp: 555639  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.1 24.1  
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 52.383 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

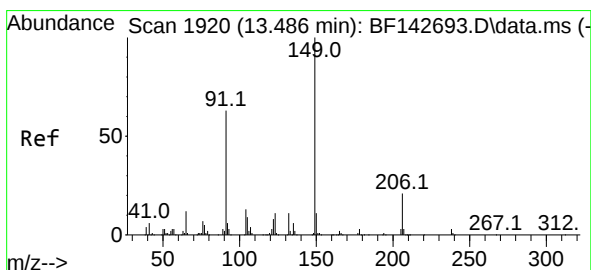
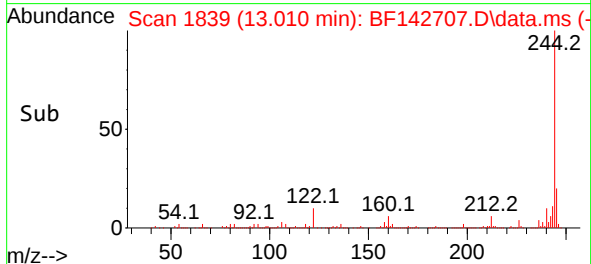
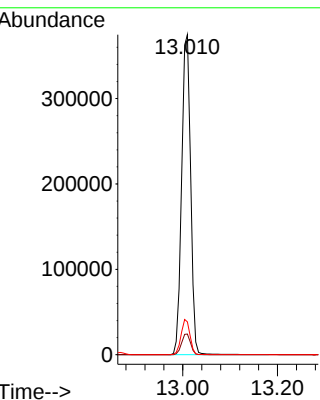
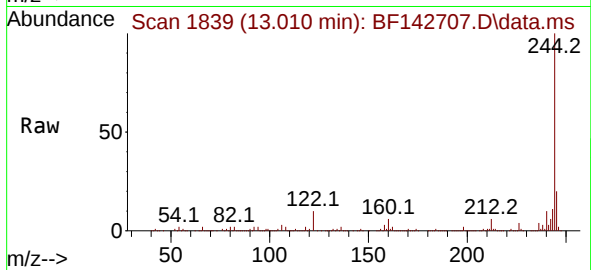
Tgt Ion:244 Resp: 491238

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 60.697 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

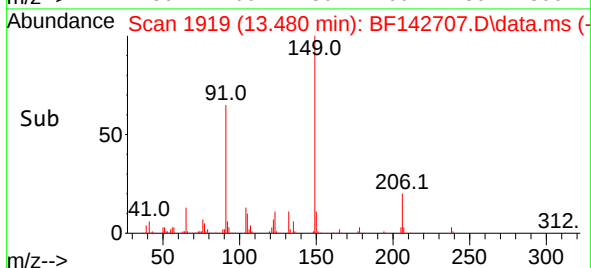
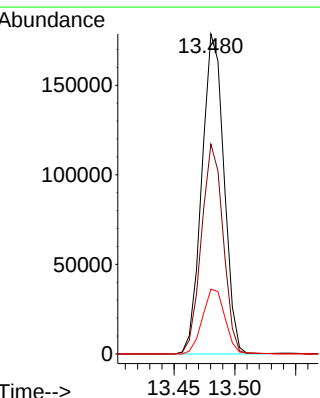
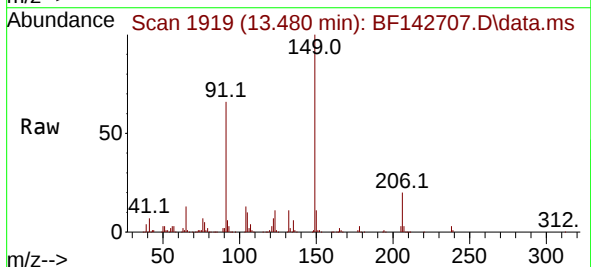
Tgt Ion:149 Resp: 225894

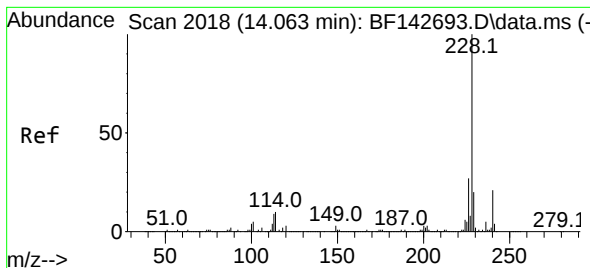
Ion Ratio Lower Upper

149 100

91 65.5 50.5 75.7

206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 46.564 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

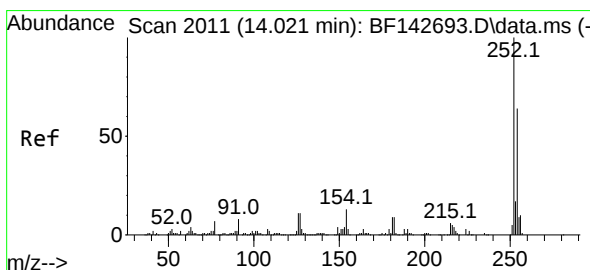
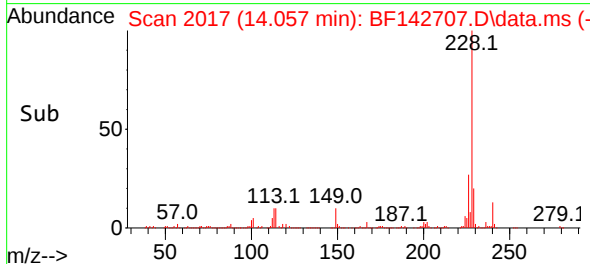
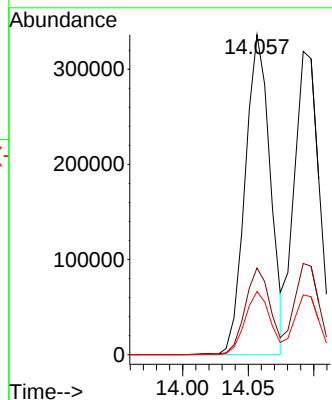
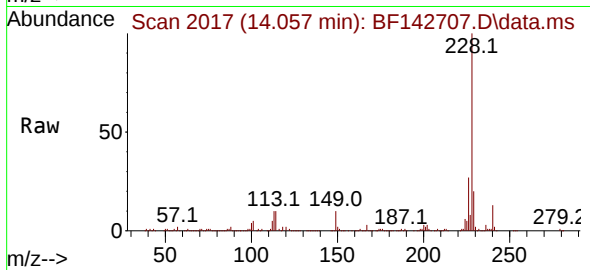
Tgt Ion:228 Resp: 448189

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.440 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

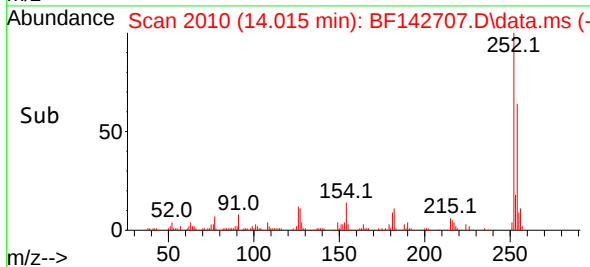
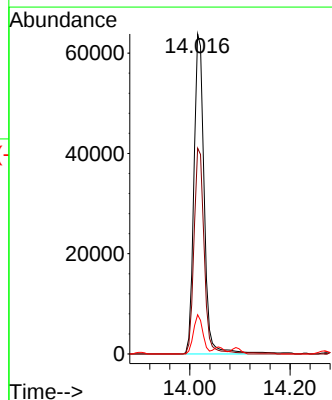
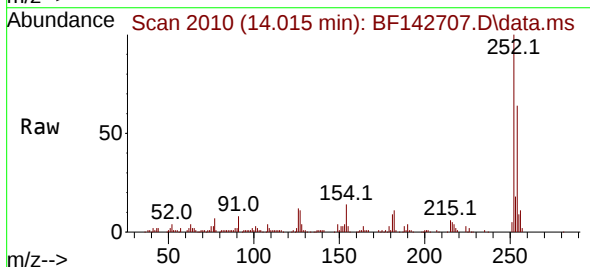
Tgt Ion:252 Resp: 90579

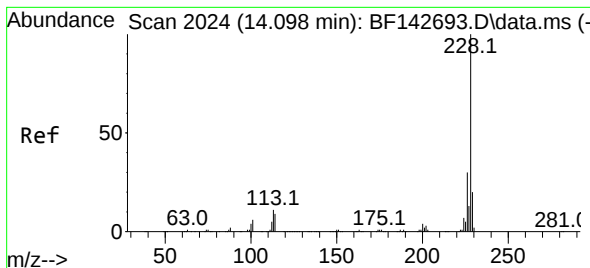
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 12.2 9.1 13.7





#83

Chrysene

Concen: 46.575 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

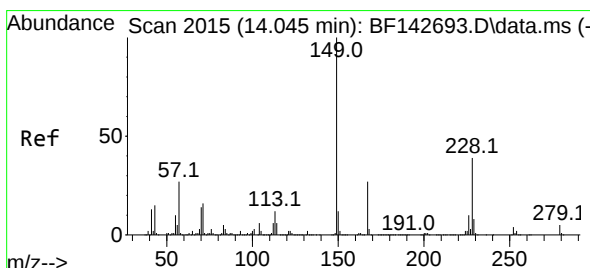
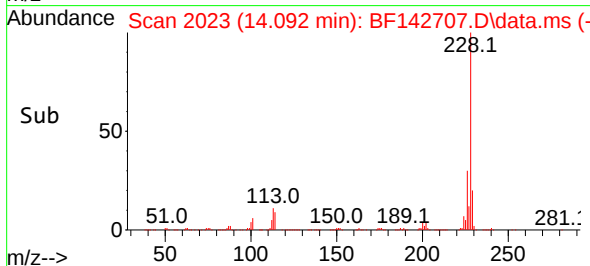
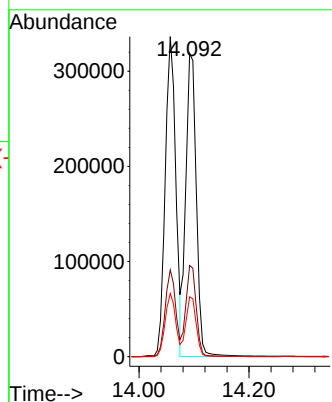
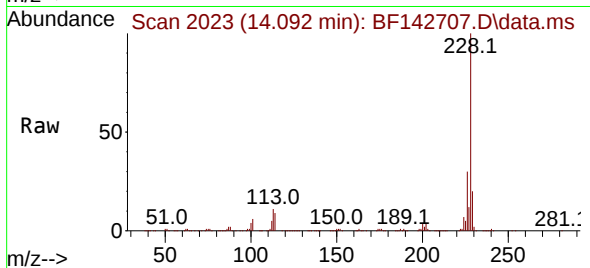
Tgt Ion:228 Resp: 424624

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.457 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

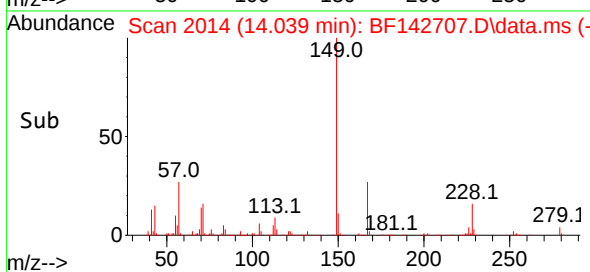
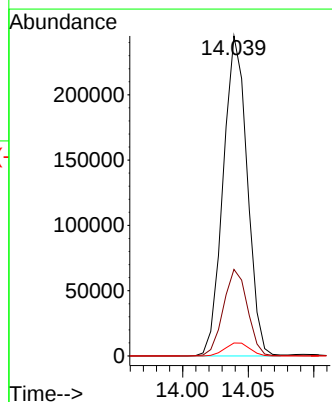
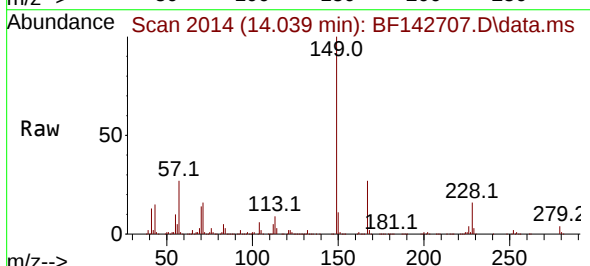
Tgt Ion:149 Resp: 312126

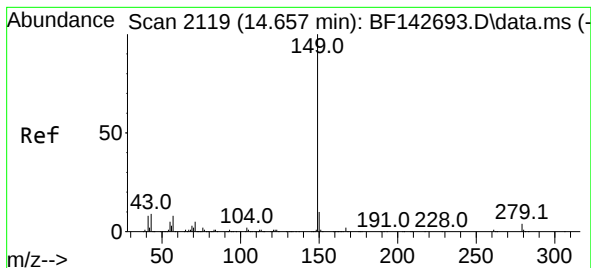
Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 60.944 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

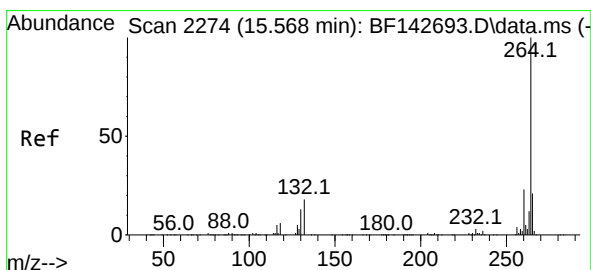
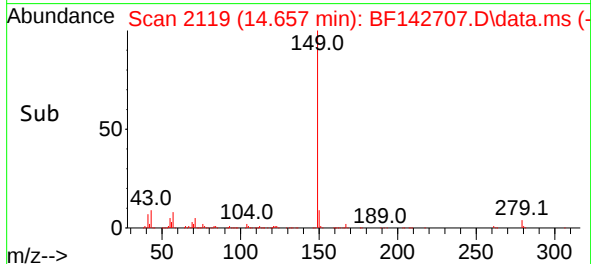
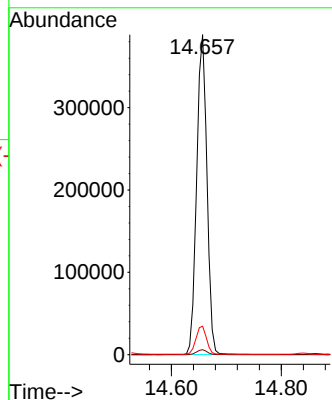
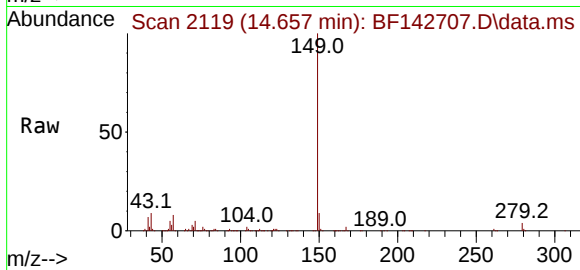
Tgt Ion:149 Resp: 503646

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

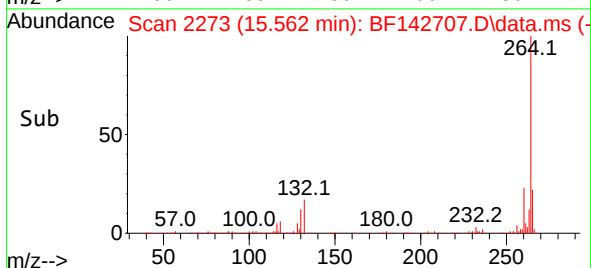
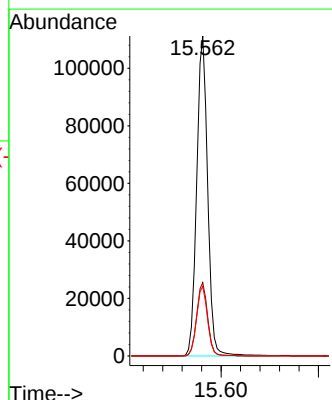
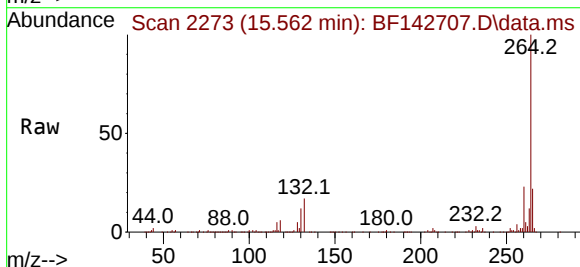
Tgt Ion:264 Resp: 175165

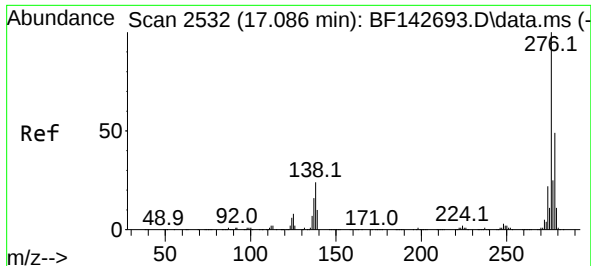
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.7 17.0 25.4

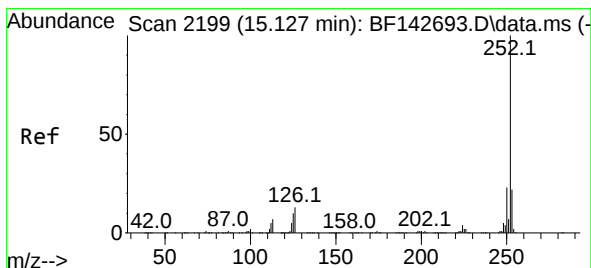
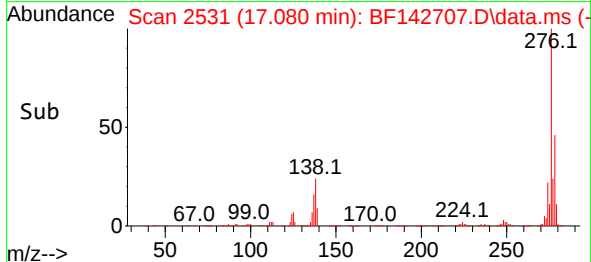
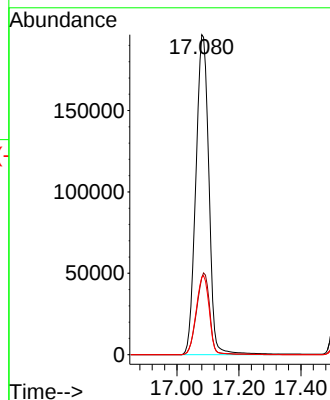
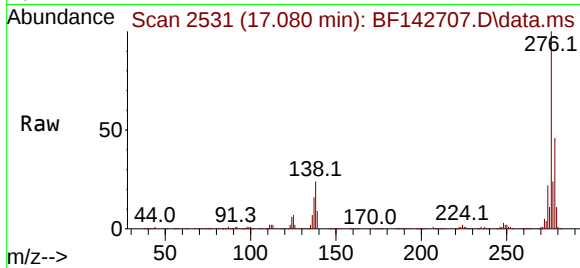




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.246 ng  
 RT: 17.080 min Scan# 2198  
 Delta R.T. -0.018 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

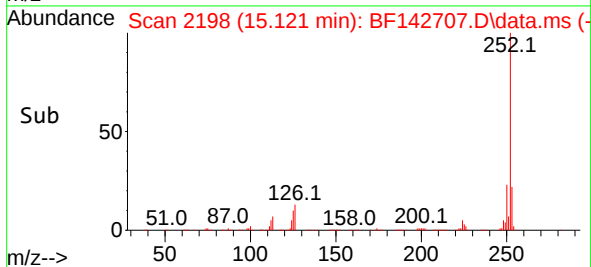
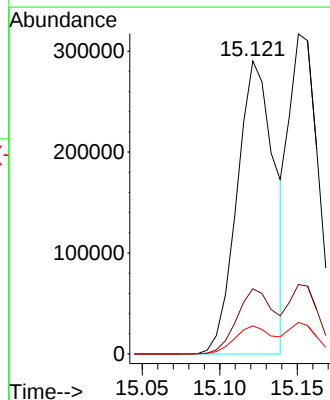
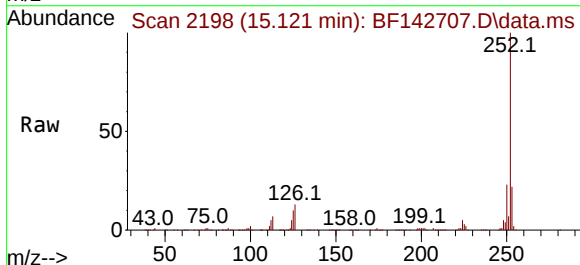
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5MS

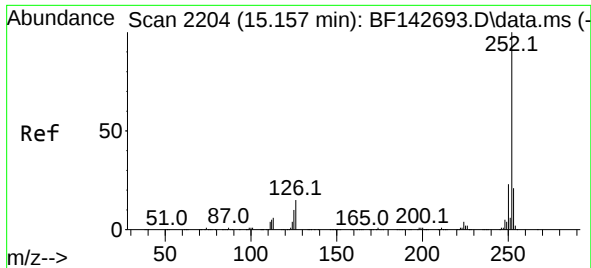
Tgt Ion:276 Resp: 573017  
 Ion Ratio Lower Upper  
 276 100  
 138 25.6 20.8 31.2  
 277 24.7 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 46.482 ng  
 RT: 15.121 min Scan# 2198  
 Delta R.T. -0.012 min  
 Lab File: BF142707.D  
 Acq: 10 Jun 2025 12:41

Tgt Ion:252 Resp: 486439  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.6 26.4  
 125 9.6 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 43.039 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA\_F

ClientSampleId :

WC-5MS

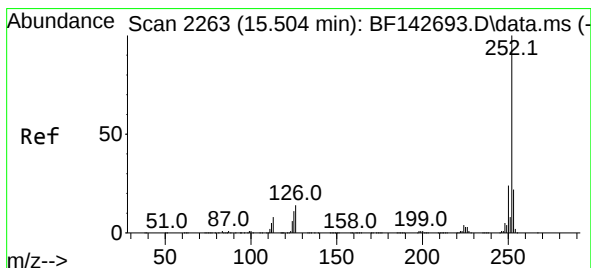
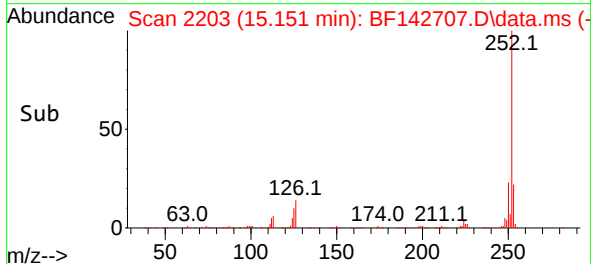
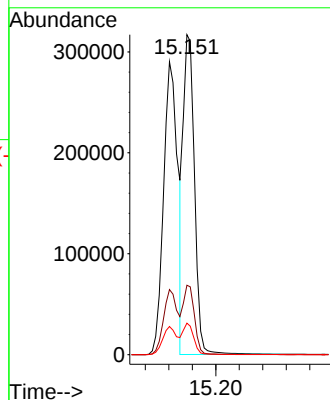
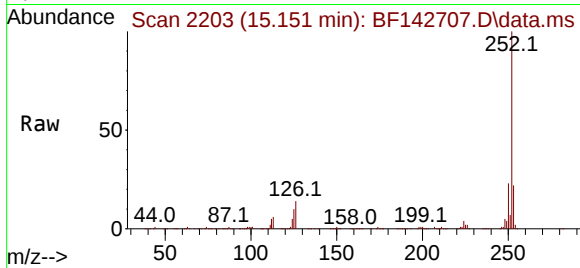
Tgt Ion:252 Resp: 423841

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.8 7.7 11.5



#90

Benzo(a)pyrene

Concen: 45.864 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

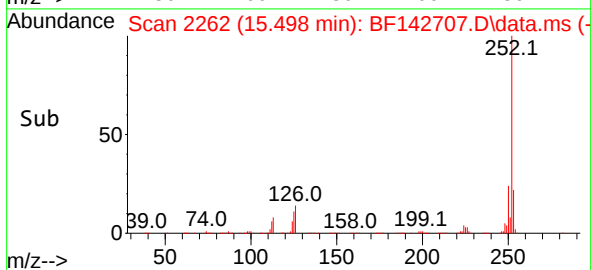
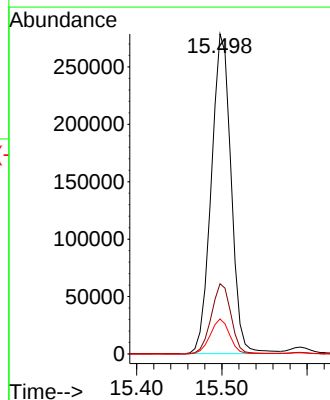
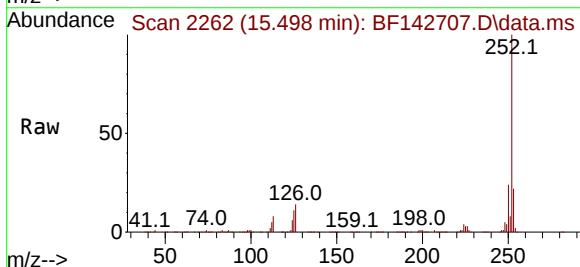
Tgt Ion:252 Resp: 449775

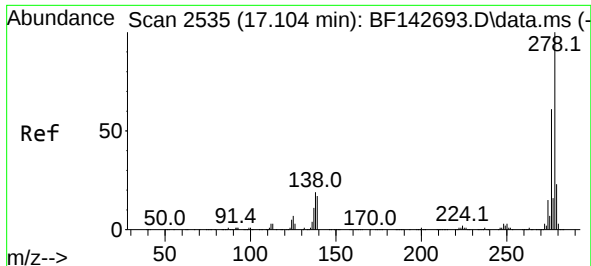
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.0 8.8 13.2

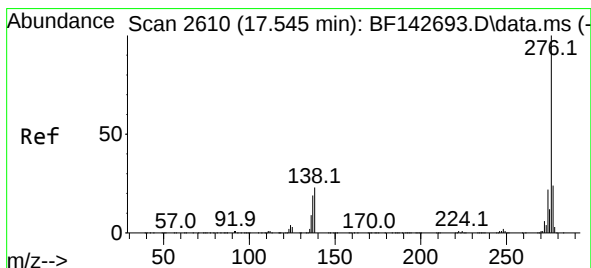
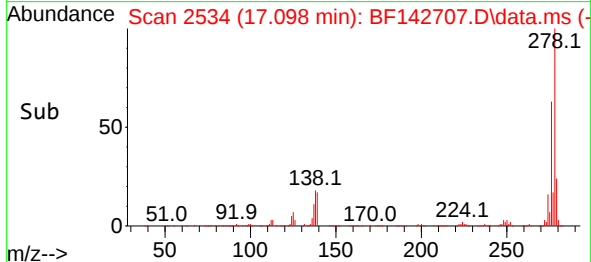
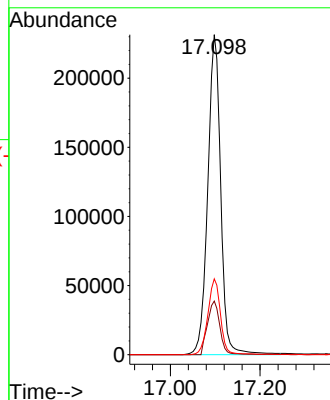
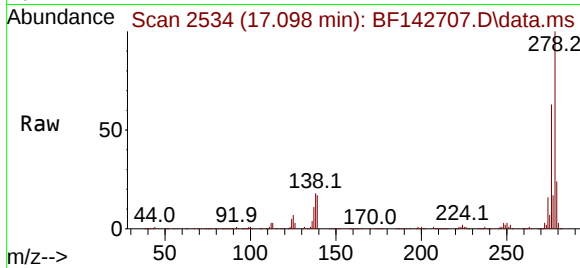




#91  
Dibenzo(a,h)anthracene  
Concen: 46.496 ng  
RT: 17.098 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5MS

Tgt Ion:278 Resp: 463774  
Ion Ratio Lower Upper  
278 100  
139 16.7 13.4 20.0  
279 23.7 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 43.497 ng  
RT: 17.539 min Scan# 2609  
Delta R.T. -0.024 min  
Lab File: BF142707.D  
Acq: 10 Jun 2025 12:41

Tgt Ion:276 Resp: 449262  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.9 28.3  
138 21.6 18.2 27.2

