

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
 Data File : BF142429.D  
 Acq On : 16 May 2025 16:15  
 Operator : RC/JU  
 Sample : Q2034-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

Quant Time: May 16 17:08:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 141569   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.187  | 136  | 534014   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 281508   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 440790   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 277471   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 307593   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 561715   | 67.733 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 794885   | 77.931 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 393774   | 44.971 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 235363   | 86.597 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 927648   | 46.987 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 734340   | 39.172 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 135427   | 36.264 | ng    | 97       |
| 3) Pyridine                   | 3.499  | 79   | 354612   | 40.444 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 193910   | 38.052 | ng    | 96       |
| 6) Aniline                    | 6.563  | 93   | 381208   | 38.103 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 373170   | 42.109 | ng    | 97       |
| 9) Benzaldehyde               | 6.451  | 77   | 234001   | 39.198 | ng    | 99       |
| 10) Phenol                    | 6.540  | 94   | 466171   | 43.116 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 343500   | 32.217 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 404700   | 39.917 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 415424   | 40.809 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 389465   | 39.859 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 300646   | 45.520 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 573465   | 36.017 | ng    | 99       |
| 17) 2-Methylphenol            | 7.151  | 107  | 292690   | 40.795 | ng    | 99       |
| 18) Hexachloroethane          | 7.416  | 117  | 140680   | 41.535 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 241172   | 38.225 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 362025   | 40.430 | ng    | 96       |
| 22) Acetophenone              | 7.310  | 105  | 480090   | 40.433 | ng    | 99       |
| 24) Nitrobenzene              | 7.481  | 77   | 360683   | 43.699 | ng    | 96       |
| 25) Isophorone                | 7.722  | 82   | 655471   | 39.531 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 202884   | 50.742 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 350641   | 42.061 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 413235   | 38.758 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 316739   | 44.690 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 333744   | 41.841 | ng    | 99       |
| 31) Naphthalene               | 8.210  | 128  | 1073876  | 41.492 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 205322   | 46.408 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 114052   | 10.799 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 199435   | 42.225 | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 100987   | 48.890 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 314891   | 42.740 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 655023   | 40.730 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 680335   | 40.588 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 328317   | 41.759 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 418614   | 86.151 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 231538   | 46.688 | ng    | 98       |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

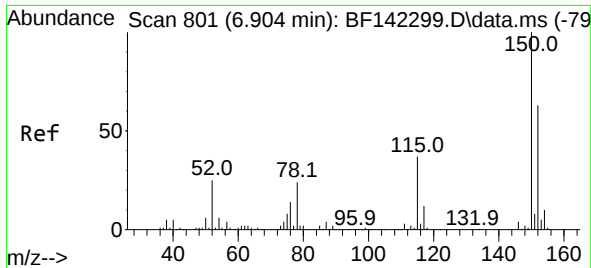
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

Quant Time: May 16 17:08:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 234662   | 44.472 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 900206   | 41.706 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 663509   | 41.336 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 202099   | 49.120 | ng    | 92       |
| 49) Acenaphthylene            | 9.804  | 152  | 1104014  | 41.114 | ng    | 99       |
| 50) Dimethylphthalate         | 9.657  | 163  | 765493   | 42.348 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 170252   | 50.317 | ng    | 89       |
| 52) Acenaphthene              | 9.975  | 154  | 732671   | 45.378 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 91053    | 22.945 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 177767   | 98.467 | ng    | # 4      |
| 55) Dibenzofuran              | 10.145 | 168  | 976347   | 40.974 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.045 | 139  | 259533   | 86.899 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 226504   | 52.188 | ng    | 96       |
| 58) Fluorene                  | 10.492 | 166  | 743311   | 40.875 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 200749   | 46.086 | ng    | 97       |
| 60) Diethylphthalate          | 10.357 | 149  | 728183   | 40.338 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.481 | 204  | 354162   | 40.368 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 161160   | 51.241 | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 738724   | 42.824 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 107669   | 51.742 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 655155   | 44.666 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 219967   | 44.032 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 245073   | 44.599 | ng    | 94       |
| 69) Atrazine                  | 11.122 | 200  | 182381   | 47.170 | ng    | 99       |
| 70) Pentachlorophenol         | 11.228 | 266  | 254550   | 88.055 | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 964480   | 41.743 | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 981374   | 41.338 | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 817313   | 38.373 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 924662   | 41.286 | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 865079   | 37.455 | ng    | 98       |
| 77) Benzidine                 | 12.763 | 184  | 372327   | 73.839 | ng    | 97       |
| 78) Pyrene                    | 12.869 | 202  | 870488   | 35.246 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 308152   | 43.154 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 776047   | 43.187 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 154061   | 36.868 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 719755   | 43.027 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 408134   | 43.881 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 724232   | 43.645 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 592806   | 27.705 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.116 | 252  | 833513   | 44.741 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 735304   | 43.130 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 744506   | 44.597 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 484525   | 27.409 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 439500   | 25.050 | ng    | 98       |

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

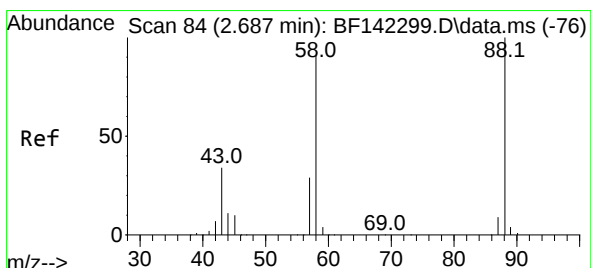
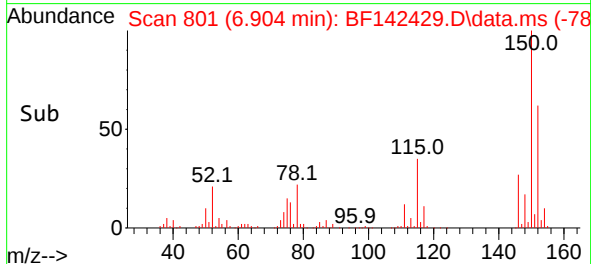
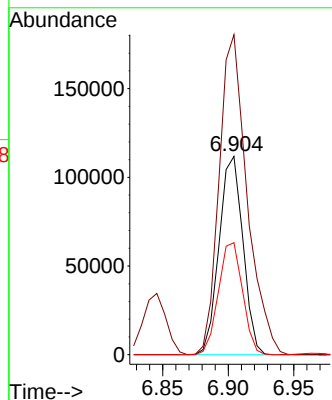
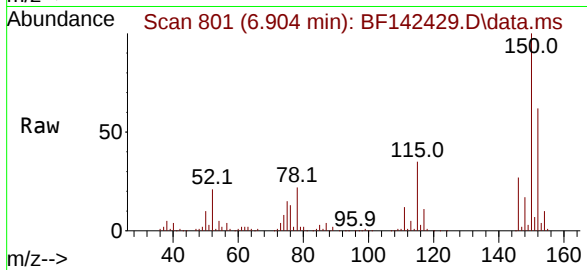




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

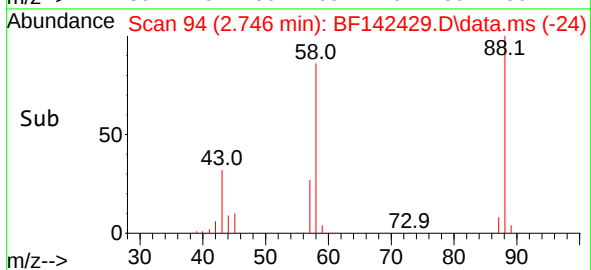
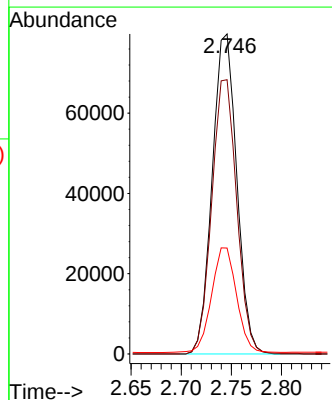
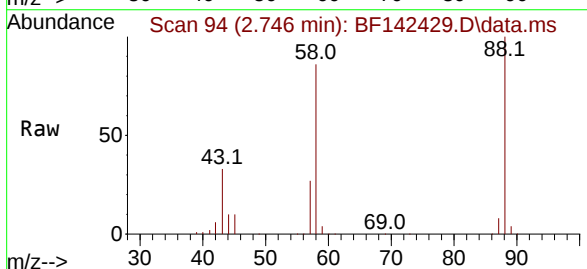
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

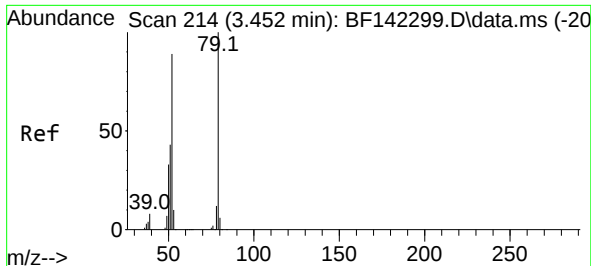
Tgt Ion:152 Resp: 141569  
 Ion Ratio Lower Upper  
 152 100  
 150 161.4 126.6 190.0  
 115 56.5 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 36.264 ng  
 RT: 2.746 min Scan# 94  
 Delta R.T. 0.059 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

Tgt Ion: 88 Resp: 135427  
 Ion Ratio Lower Upper  
 88 100  
 58 87.5 73.0 109.4  
 43 33.4 27.8 41.6

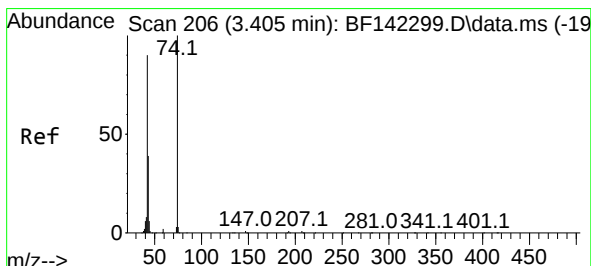
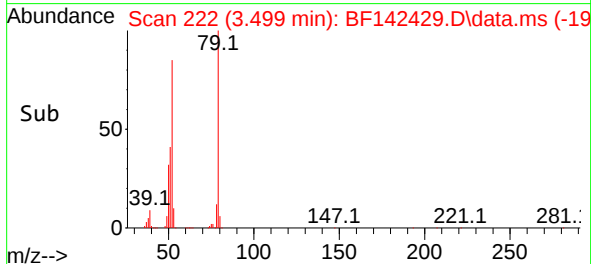
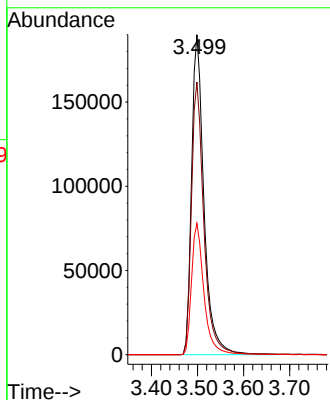
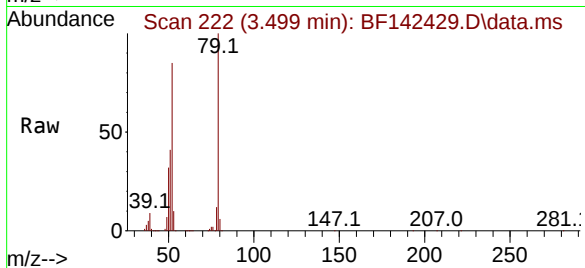




#3  
Pyridine  
Concen: 40.444 ng  
RT: 3.499 min Scan# 214  
Delta R.T. 0.047 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

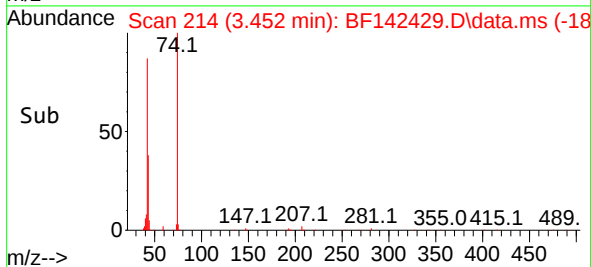
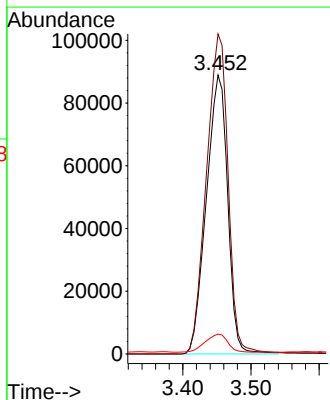
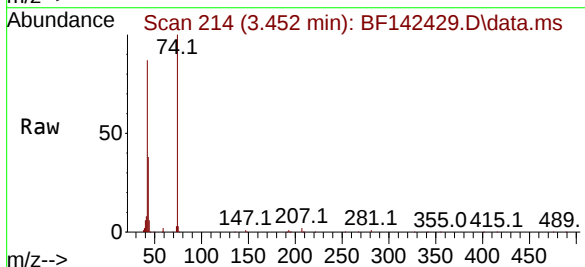
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion: 79 Resp: 354612  
Ion Ratio Lower Upper  
79 100  
52 85.2 71.0 106.4  
51 41.0 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 38.052 ng  
RT: 3.452 min Scan# 214  
Delta R.T. 0.047 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 42 Resp: 193910  
Ion Ratio Lower Upper  
42 100  
74 114.8 88.5 132.7  
44 7.1 5.8 8.8

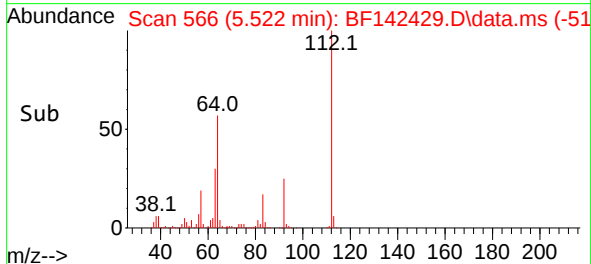
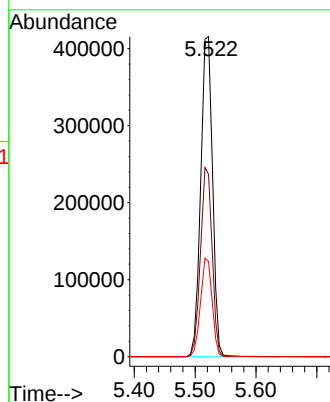
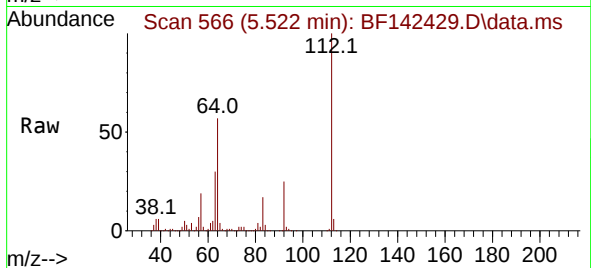




#5  
2-Fluorophenol  
Concen: 67.733 ng  
RT: 5.522 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

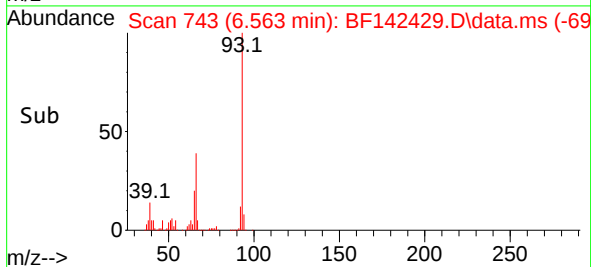
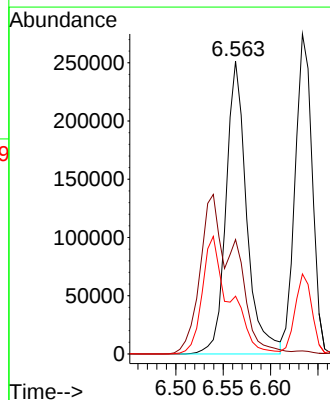
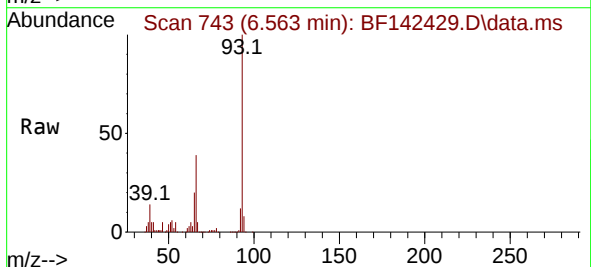
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ClientSampleId :  
L3-WC-1MSD

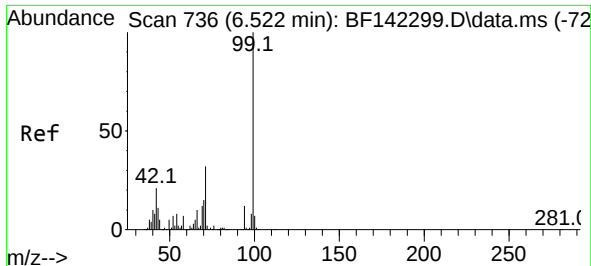
Tgt Ion:112 Resp: 561715  
Ion Ratio Lower Upper  
112 100  
64 57.1 48.9 73.3  
63 29.7 25.6 38.4



#6  
Aniline  
Concen: 38.103 ng  
RT: 6.563 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 93 Resp: 381208  
Ion Ratio Lower Upper  
93 100  
66 39.0 32.2 48.4  
65 19.7 16.3 24.5

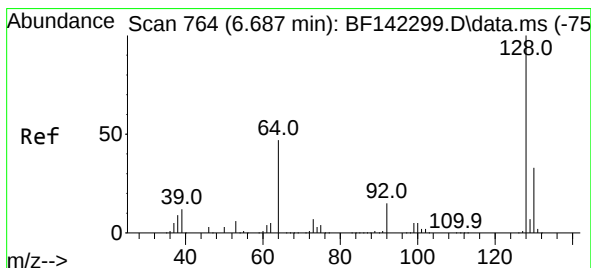
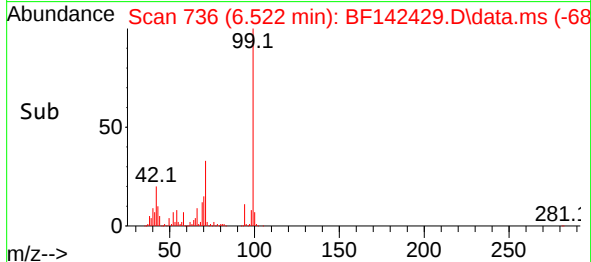
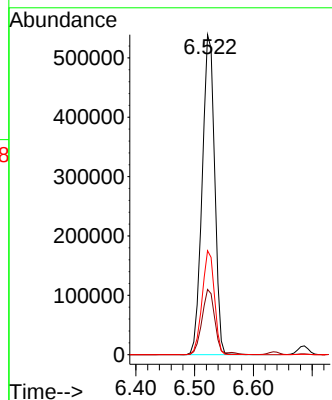
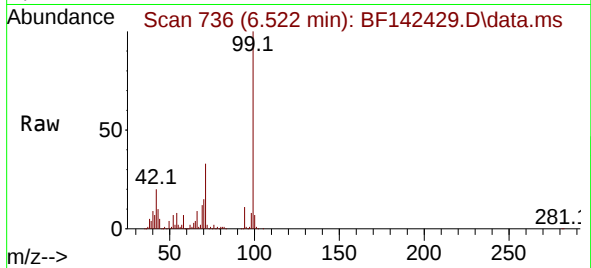




#7  
Phenol-d6  
Concen: 77.931 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

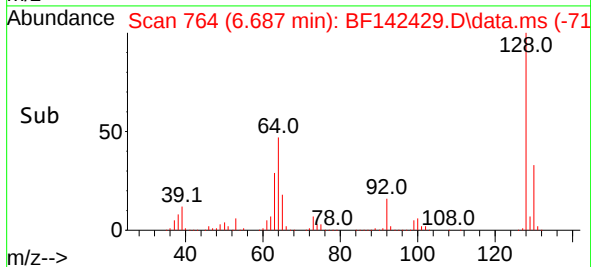
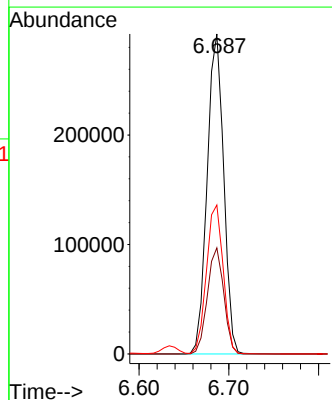
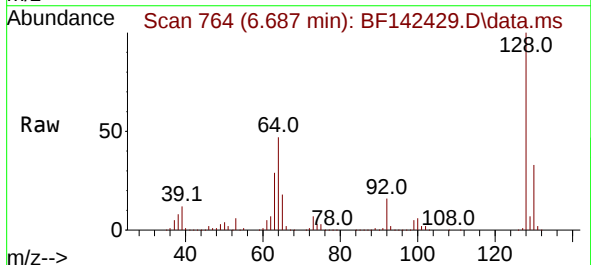
Instrument :  
BNA\_F  
ClientSampleId :  
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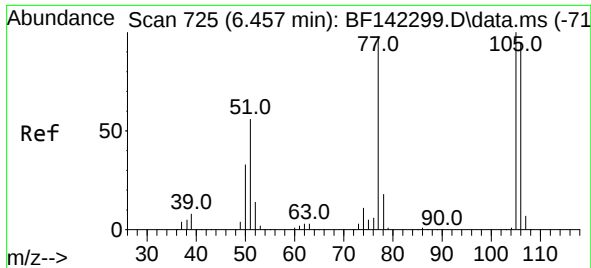
Tgt Ion: 99 Resp: 794885  
Ion Ratio Lower Upper  
99 100  
42 20.4 17.0 25.4  
71 32.5 25.8 38.8



#8  
2-Chlorophenol  
Concen: 42.109 ng  
RT: 6.687 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 128 Resp: 373170  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.7 52.7  
64 46.5 29.2 69.2





#9

Benzaldehyde

Concen: 39.198 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

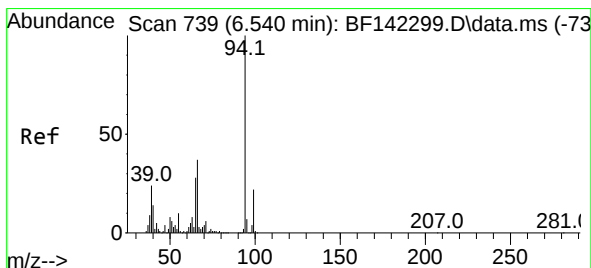
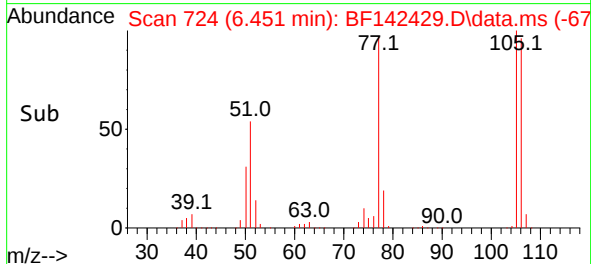
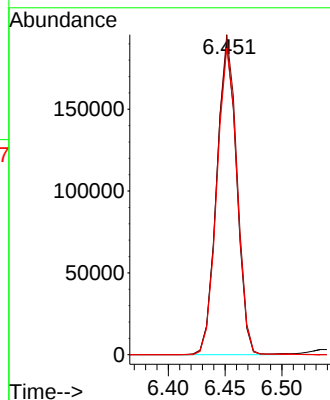
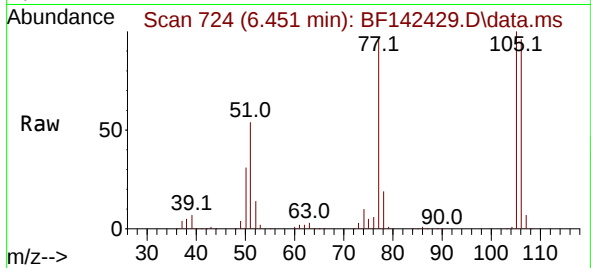
Tgt Ion: 77 Resp: 234001

Ion Ratio Lower Upper

77 100

105 102.6 82.0 122.0

106 98.4 77.2 117.2



#10

Phenol

Concen: 43.116 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

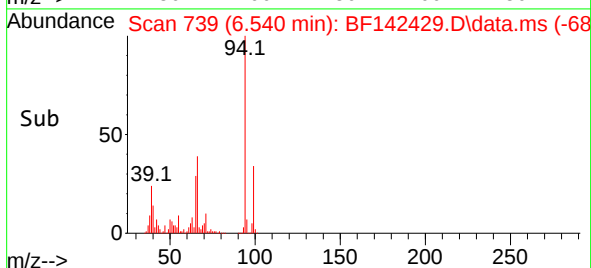
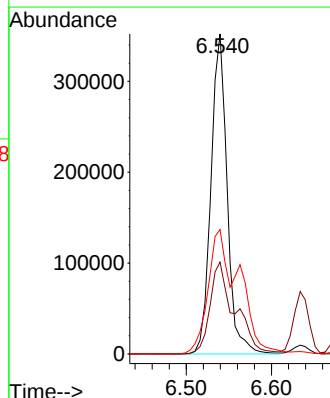
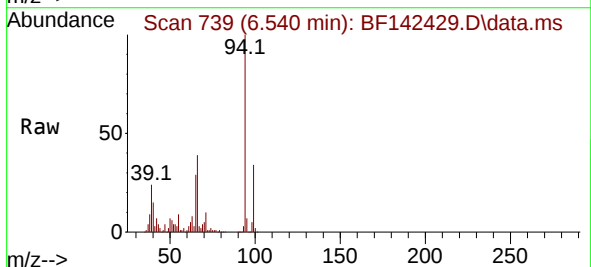
Tgt Ion: 94 Resp: 466171

Ion Ratio Lower Upper

94 100

65 28.7 8.5 48.5

66 38.9 17.3 57.3

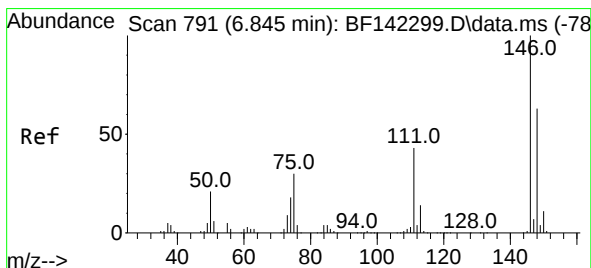
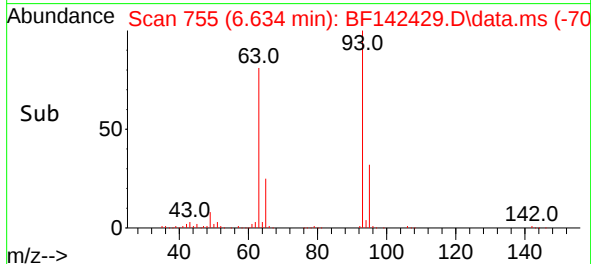
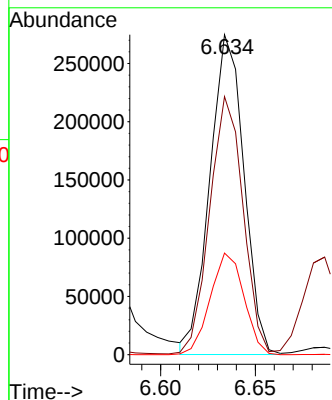
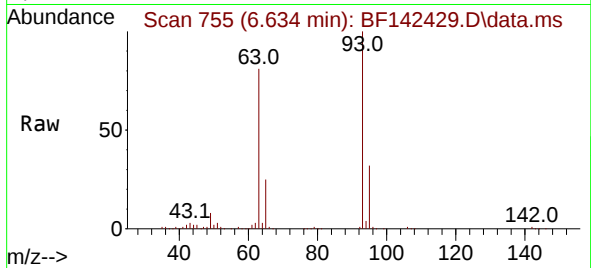




#11  
bis(2-Chloroethyl)ether  
Concen: 32.217 ng  
RT: 6.634 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

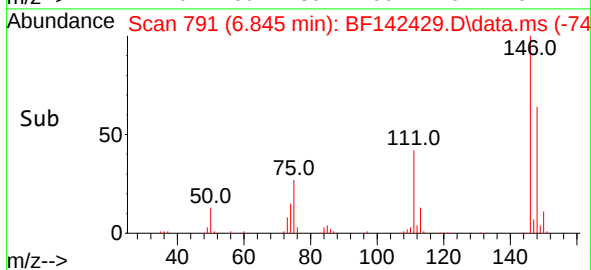
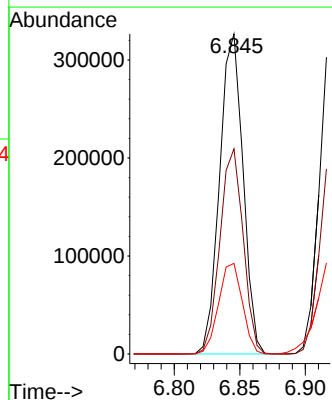
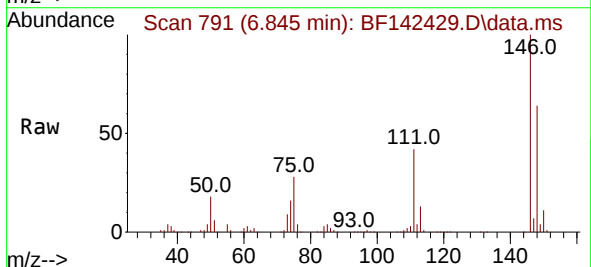
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion: 93 Resp: 343500  
Ion Ratio Lower Upper  
93 100  
63 80.6 58.4 98.4  
95 31.8 10.6 50.6



#12  
1,3-Dichlorobenzene  
Concen: 39.917 ng  
RT: 6.845 min Scan# 791  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:146 Resp: 404700  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.6 76.0  
75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.809 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

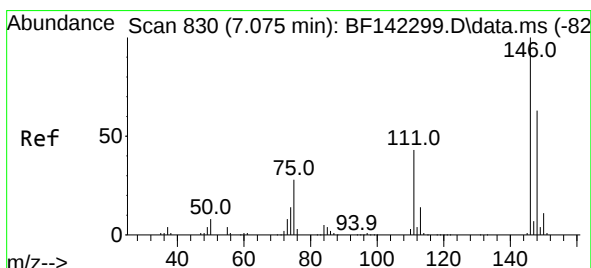
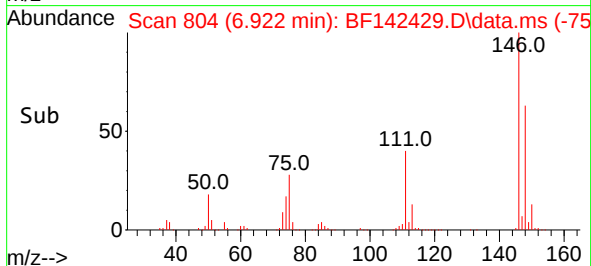
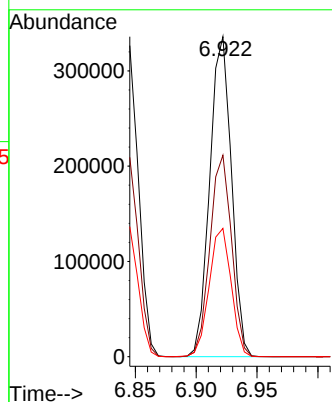
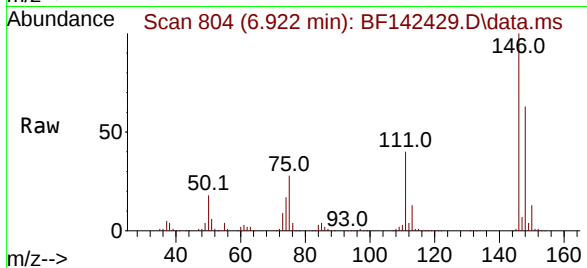
Tgt Ion:146 Resp: 415424

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 40.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 39.859 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

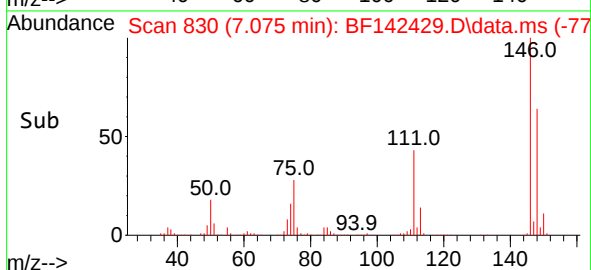
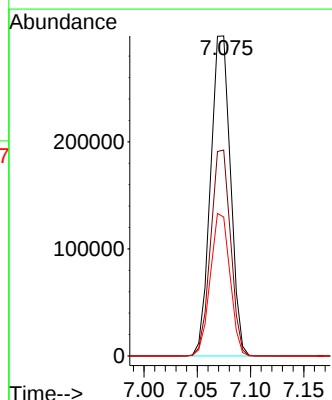
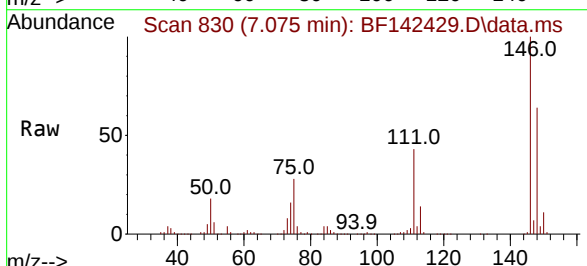
Tgt Ion:146 Resp: 389465

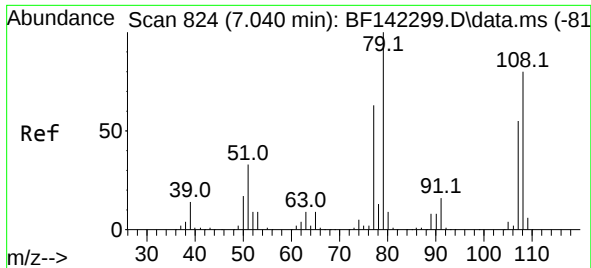
Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

111 43.4 34.5 51.7



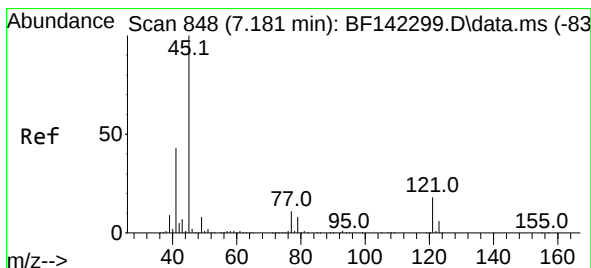
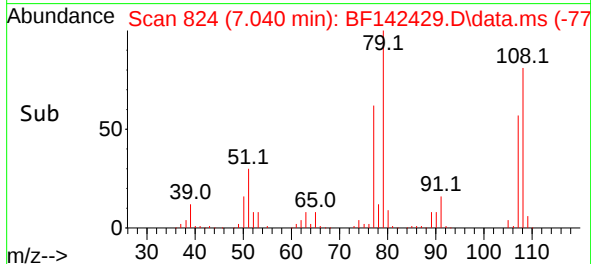
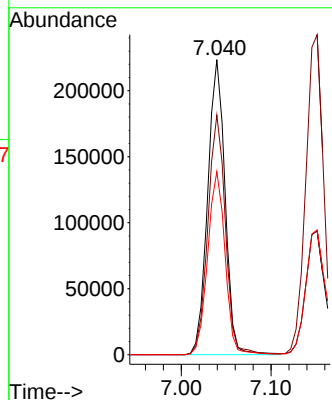
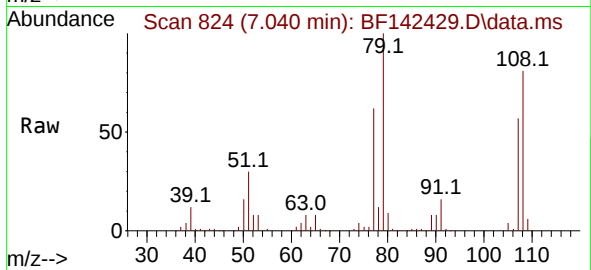


#15  
Benzyl Alcohol  
Concen: 45.520 ng  
RT: 7.040 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion: 79 Resp: 300646

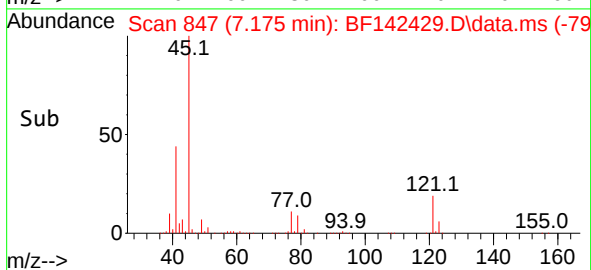
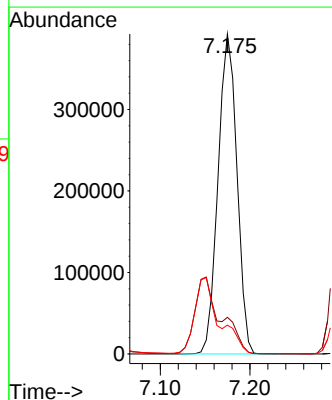
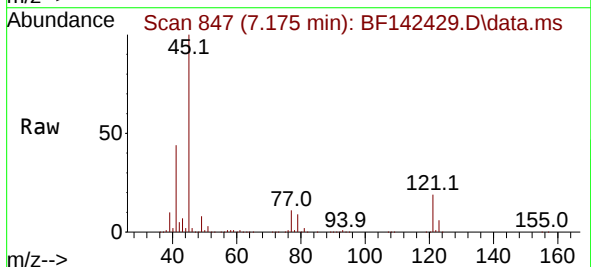
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 81.3  | 63.9  | 95.9  |
| 77  | 62.0  | 50.7  | 76.1  |

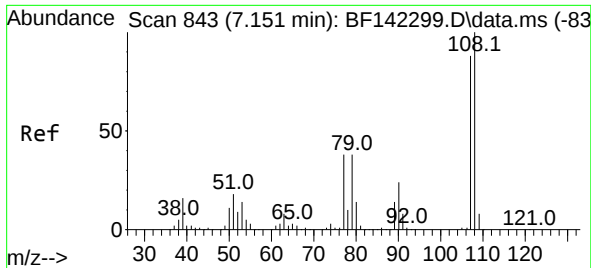


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.017 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 45 Resp: 573465

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 11.5  | 0.0   | 31.2  |
| 79  | 9.0   | 0.0   | 28.5  |

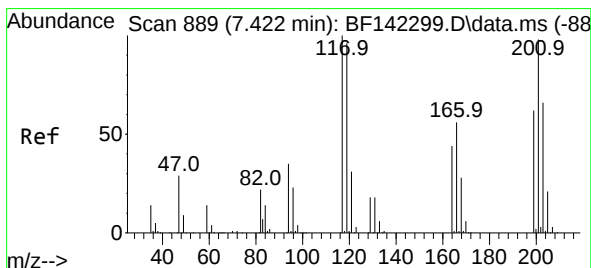
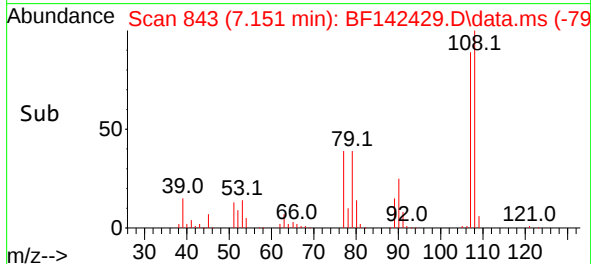
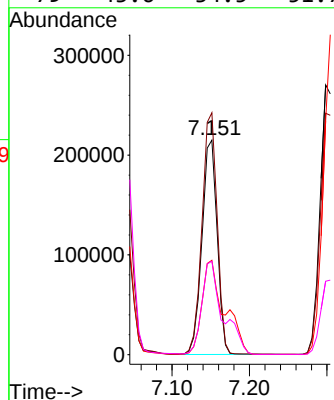
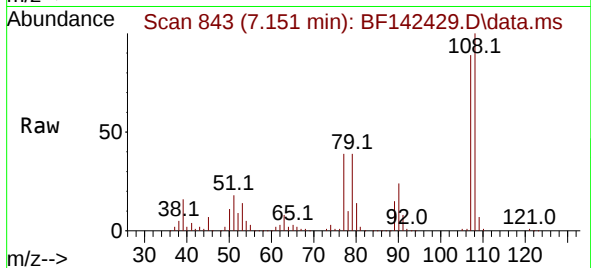




#17  
2-Methylphenol  
Concen: 40.795 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

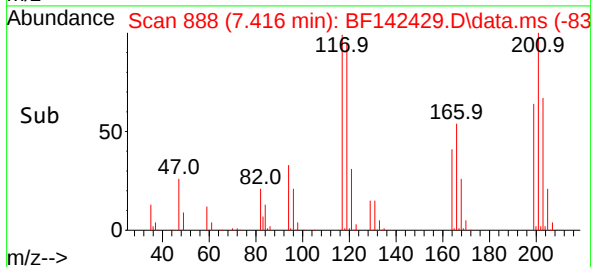
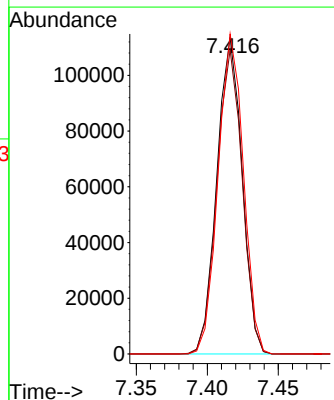
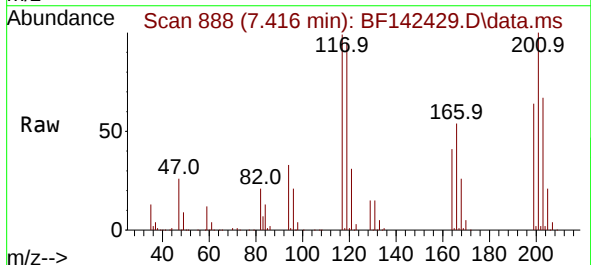
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

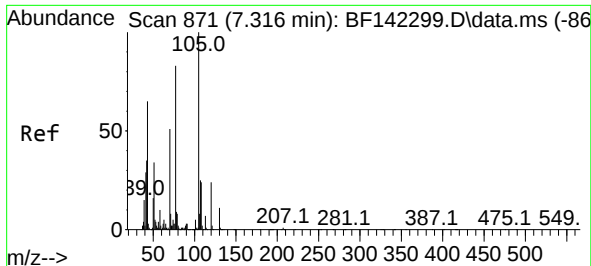
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 292690 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.7 | 91.1  | 136.7  |
| 77       | 44.0  | 34.7  | 52.1   |
| 79       | 43.6  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 41.535 ng  
RT: 7.416 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 140680 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 76.9  | 115.3  |
| 201      | 101.1 | 78.0  | 117.0  |

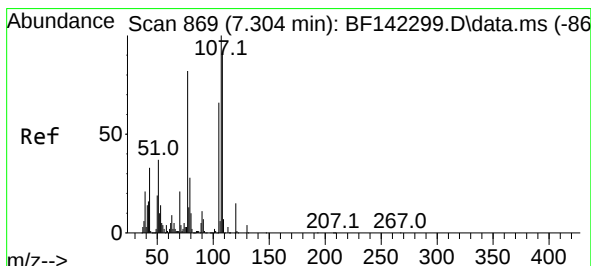
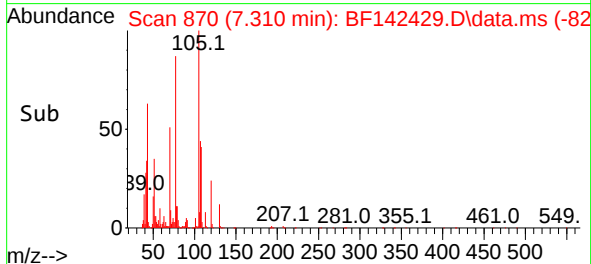
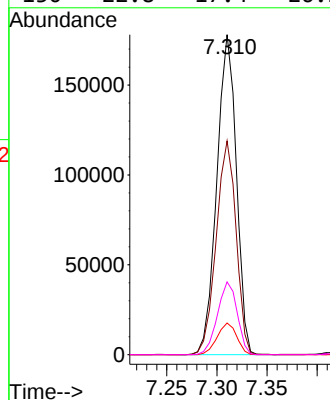
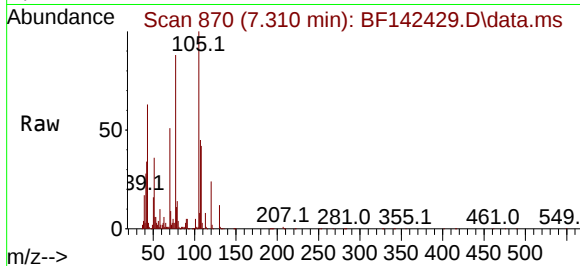




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.225 ng  
RT: 7.310 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

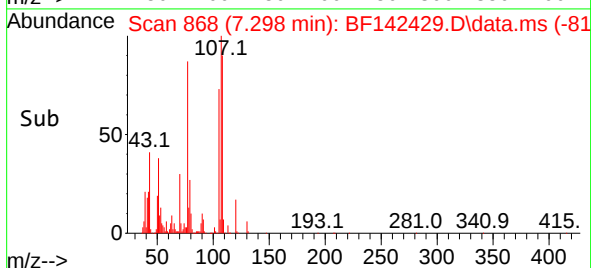
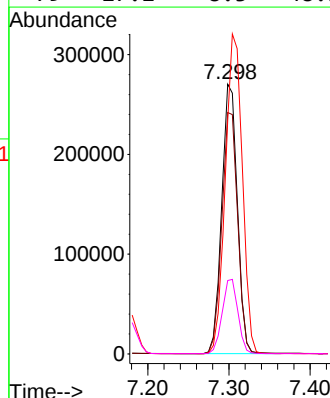
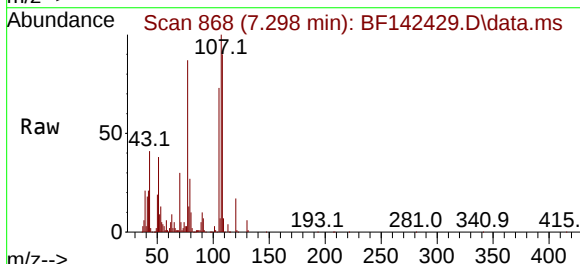
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

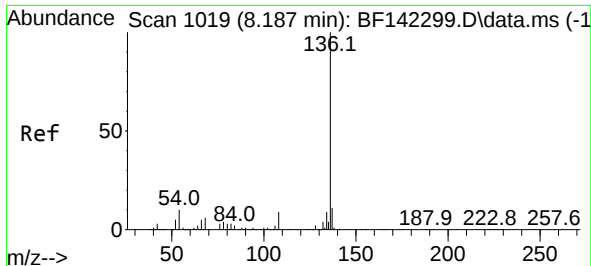
Tgt Ion: 70 Resp: 241172  
Ion Ratio Lower Upper  
70 100  
42 66.8 54.8 82.2  
101 9.9 7.7 11.5  
130 22.8 17.4 26.2



#20  
3+4-Methylphenols  
Concen: 40.430 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 107 Resp: 362025  
Ion Ratio Lower Upper  
107 100  
108 89.5 71.5 111.5  
77 86.6 61.6 101.6  
79 27.2 8.3 48.3

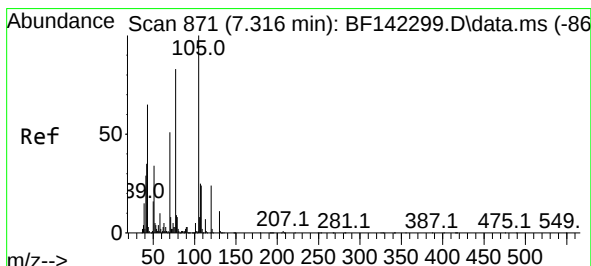
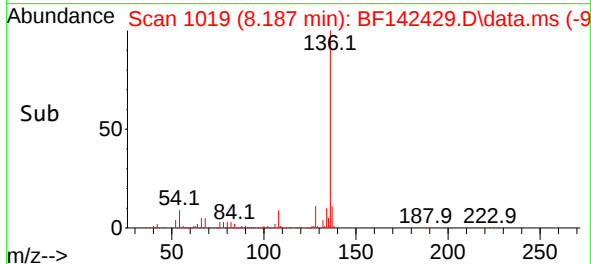
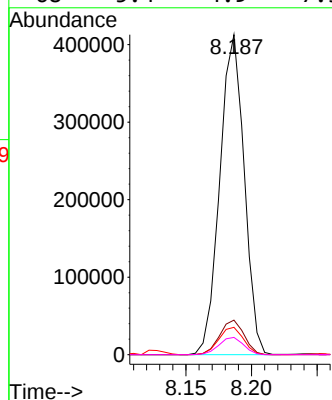
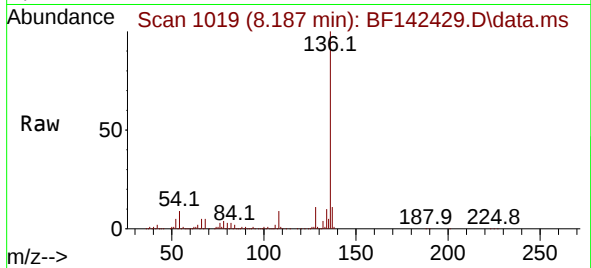




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

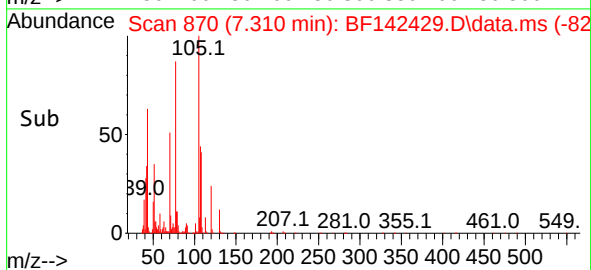
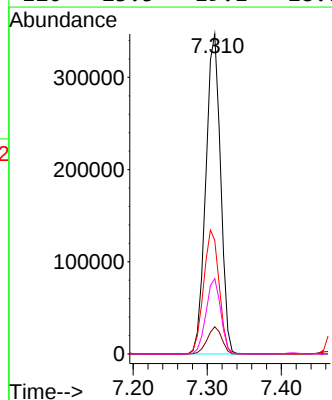
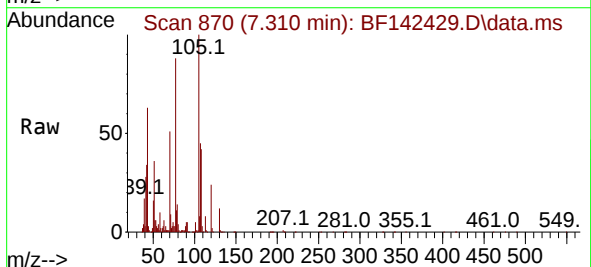
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

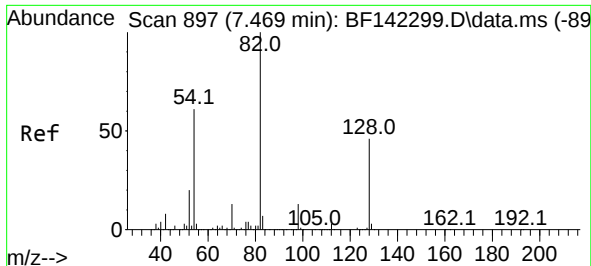
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 534014 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.9   | 13.3   |
| 54        | 8.6   | 7.7   | 11.5   |
| 68        | 5.4   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 40.433 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 480090 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.5   | 6.7   | 10.1   |
| 51        | 35.5  | 27.6  | 41.4   |
| 120       | 23.5  | 19.1  | 28.7   |





#23

Nitrobenzene-d5

Concen: 44.971 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

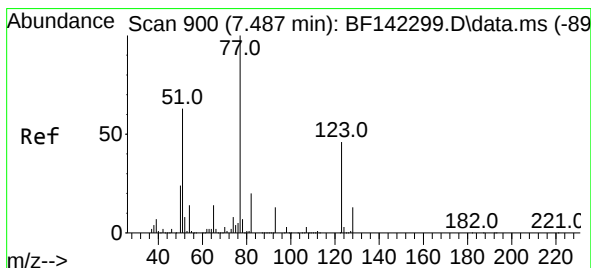
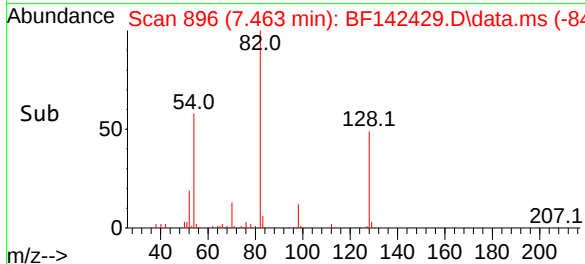
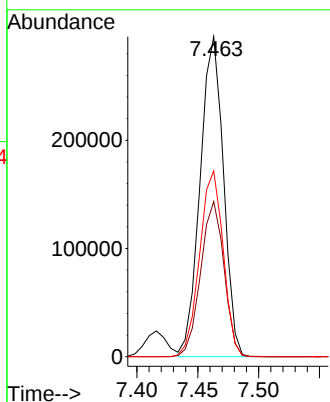
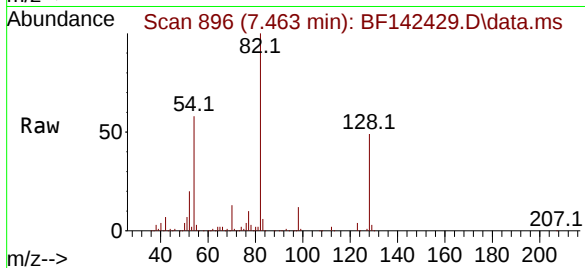
Tgt Ion: 82 Resp: 393774

Ion Ratio Lower Upper

82 100

128 48.5 37.0 55.6

54 58.1 48.6 73.0



#24

Nitrobenzene

Concen: 43.699 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

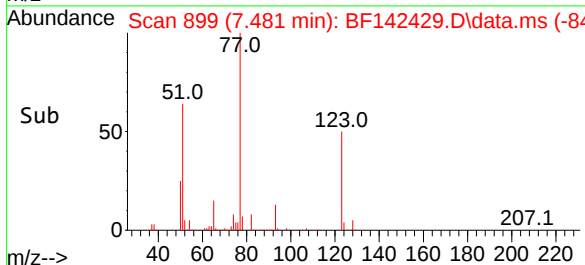
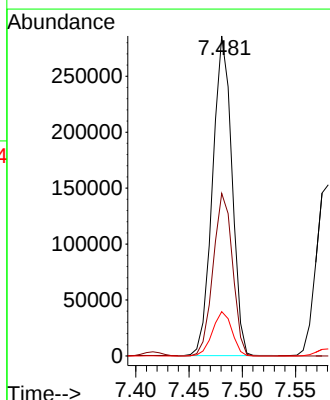
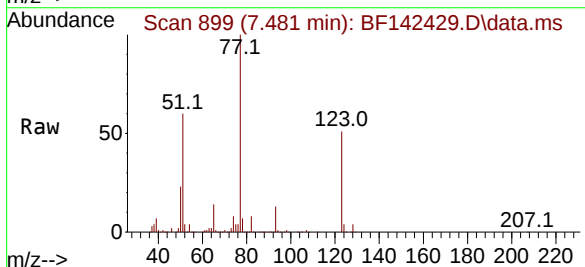
Tgt Ion: 77 Resp: 360683

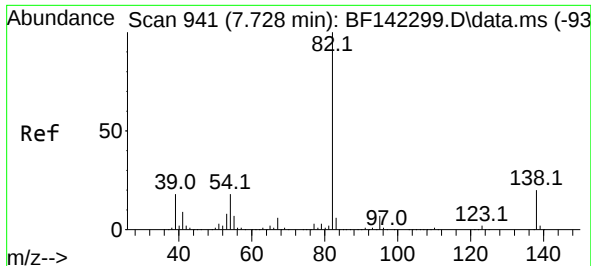
Ion Ratio Lower Upper

77 100

123 50.8 37.8 56.8

65 13.9 11.4 17.0

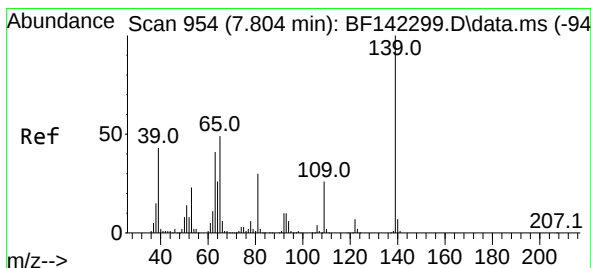
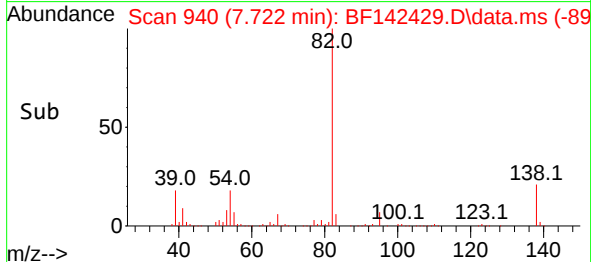
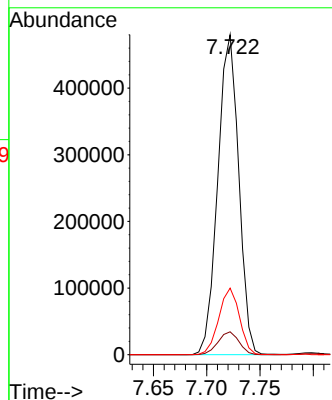
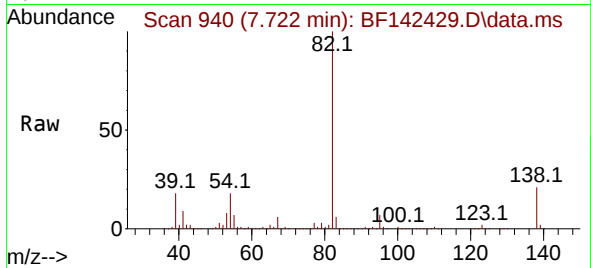




#25  
Isophorone  
Concen: 39.531 ng  
RT: 7.722 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

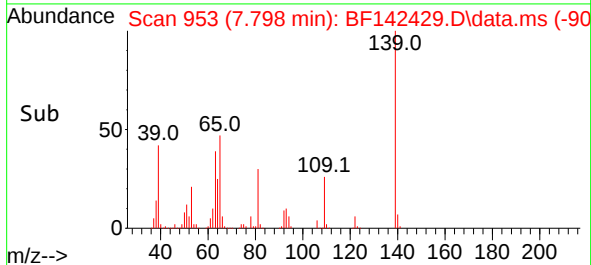
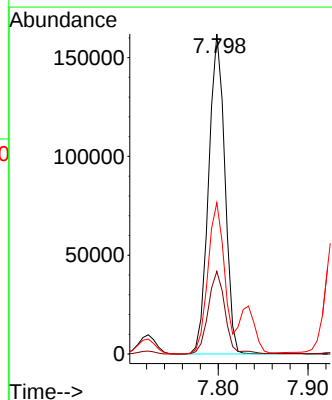
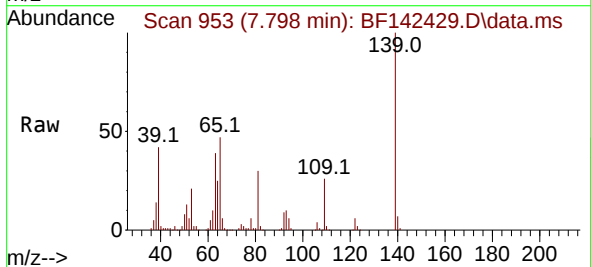
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

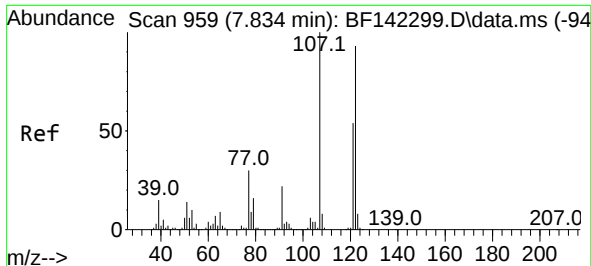
Tgt Ion: 82 Resp: 655471  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 20.8 16.1 24.1



#26  
2-Nitrophenol  
Concen: 50.742 ng  
RT: 7.798 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion: 139 Resp: 202884  
Ion Ratio Lower Upper  
139 100  
109 25.8 20.8 31.2  
65 47.3 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.061 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142429.D

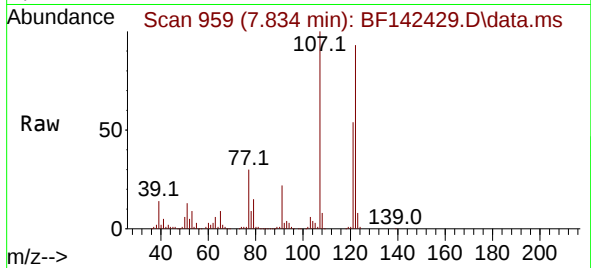
Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD



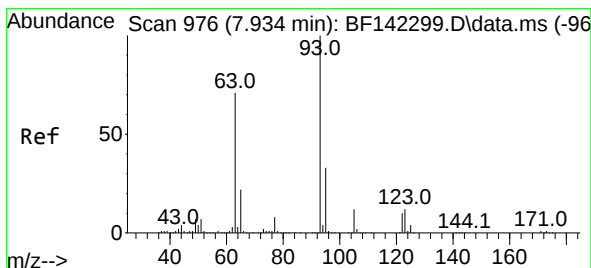
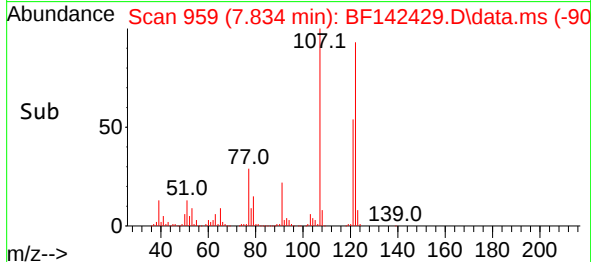
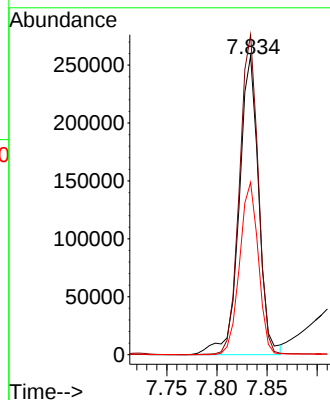
Tgt Ion:122 Resp: 350641

Ion Ratio Lower Upper

122 100

107 107.1 86.0 129.0

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.758 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

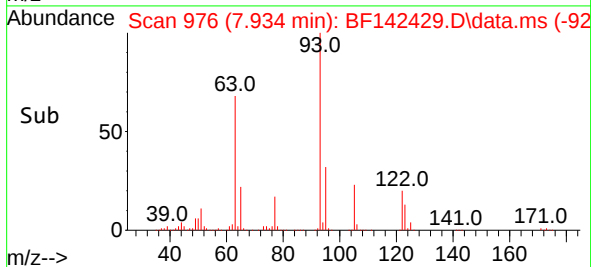
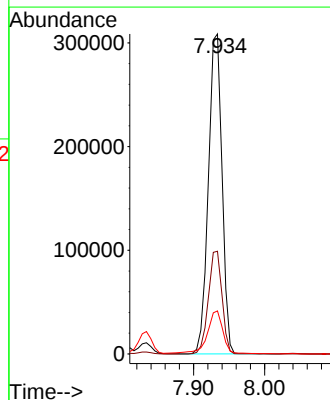
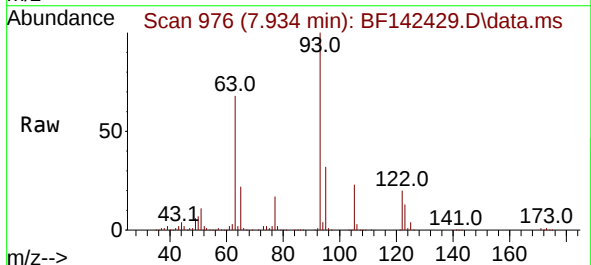
Tgt Ion: 93 Resp: 413235

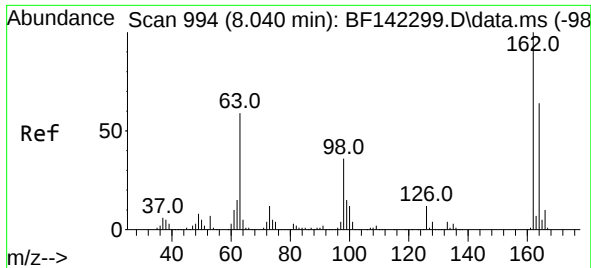
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.690 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

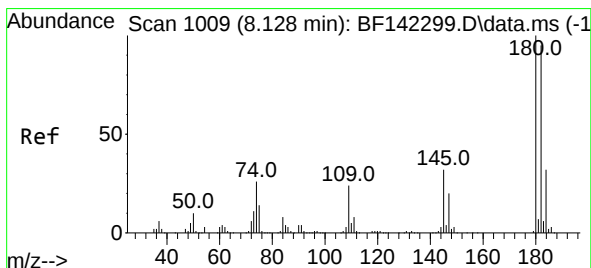
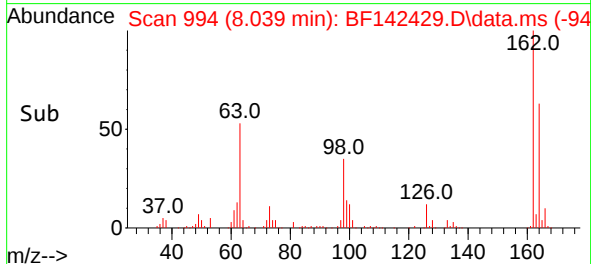
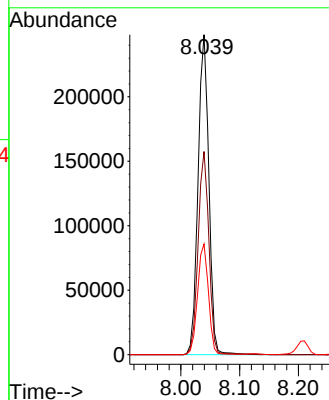
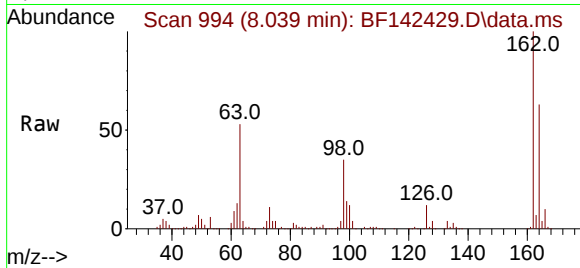
Tgt Ion:162 Resp: 316739

Ion Ratio Lower Upper

162 100

164 63.5 43.6 83.6

98 34.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.841 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

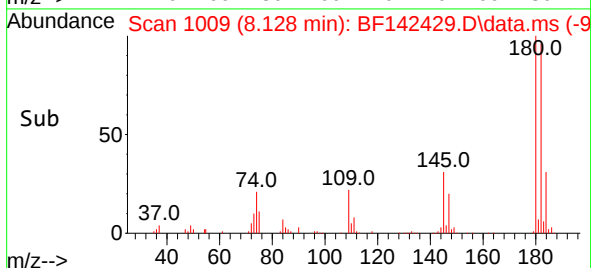
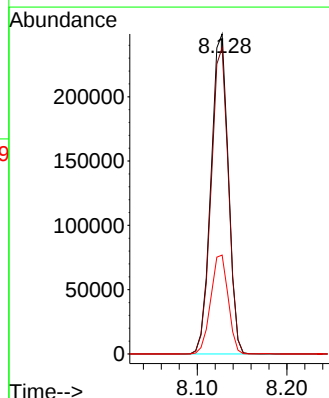
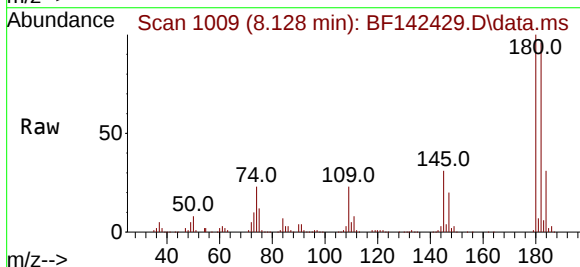
Tgt Ion:180 Resp: 333744

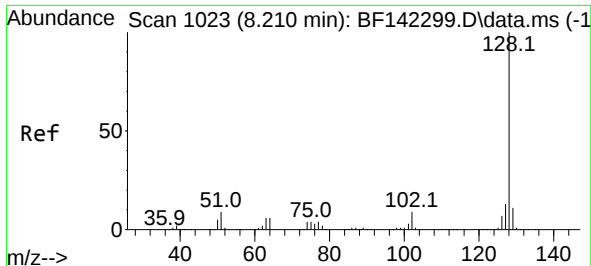
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 30.9 25.8 38.6

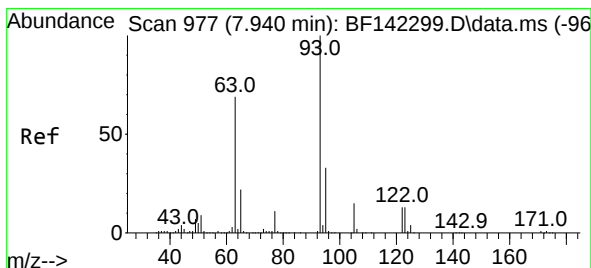
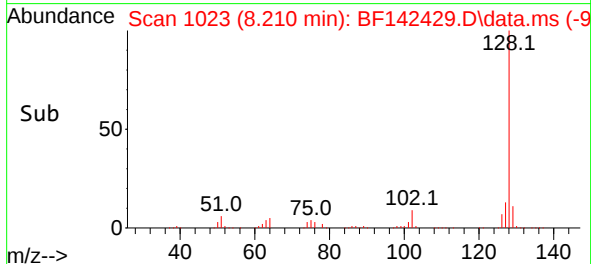
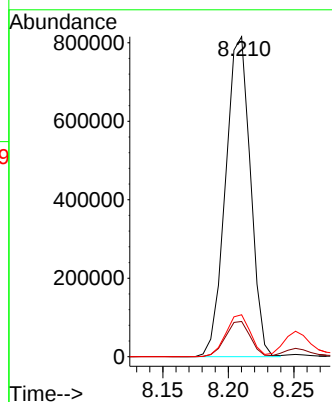
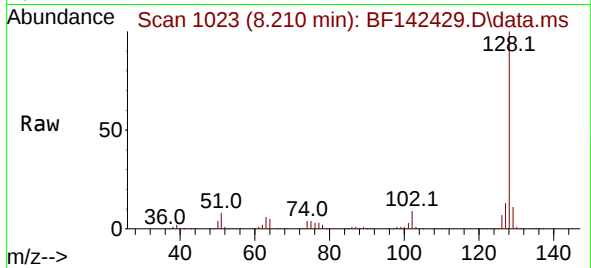




#31  
Naphthalene  
Concen: 41.492 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

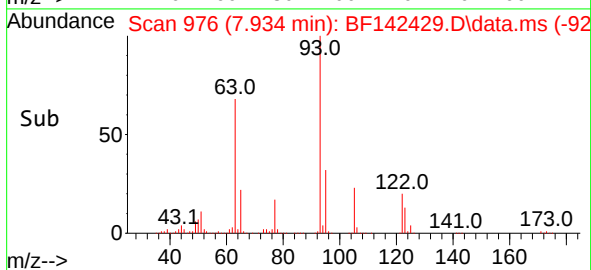
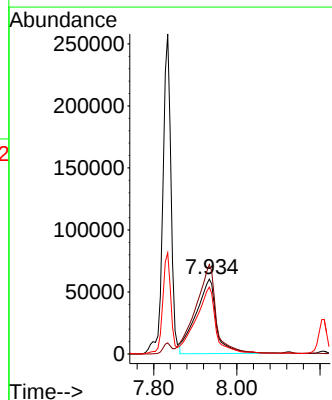
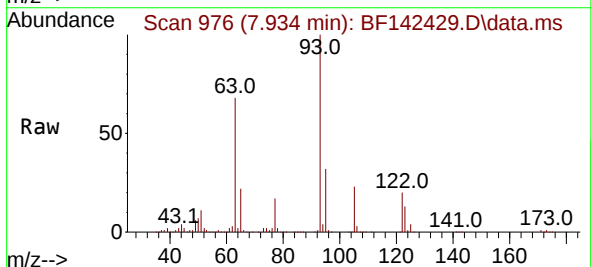
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

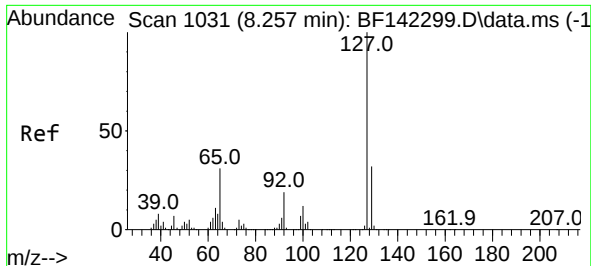
Tgt Ion:128 Resp: 1073876  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 46.408 ng  
RT: 7.934 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:122 Resp: 205322  
Ion Ratio Lower Upper  
122 100  
105 119.4 97.9 137.9  
77 89.3 67.7 107.7

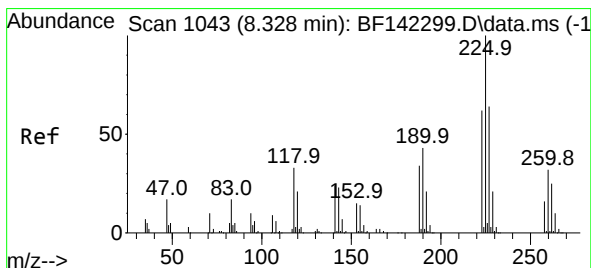
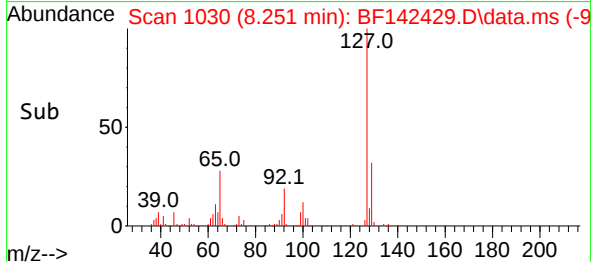
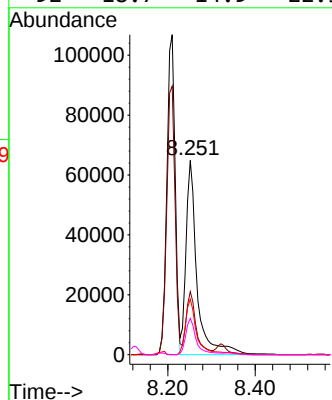
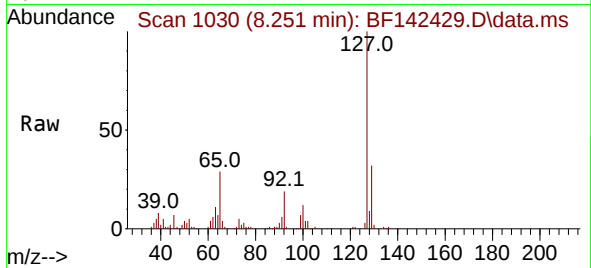




#33  
4-Chloroaniline  
Concen: 10.799 ng  
RT: 8.251 min Scan# 1031  
Delta R.T. -0.016 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

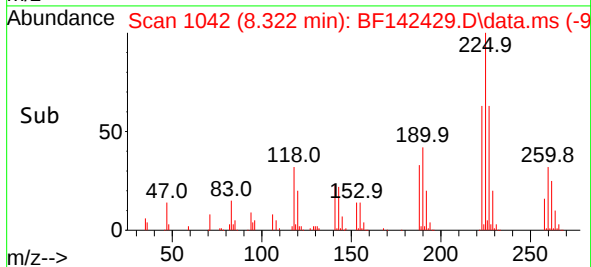
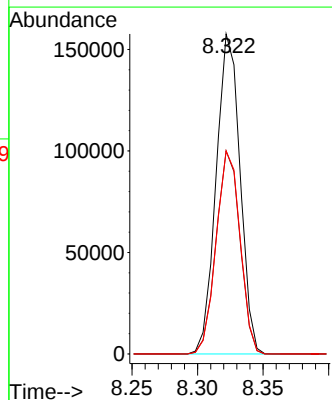
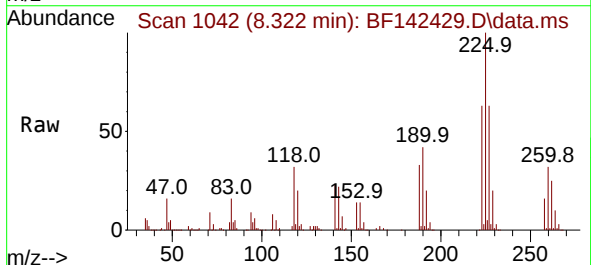
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 114052 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 32.5    | 25.7  | 38.5   |
| 65  | 28.6    | 24.9  | 37.3   |
| 92  | 18.7    | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 42.225 ng  
RT: 8.322 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 199435 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.5    | 49.8  | 74.6   |
| 227 | 63.4    | 50.9  | 76.3   |

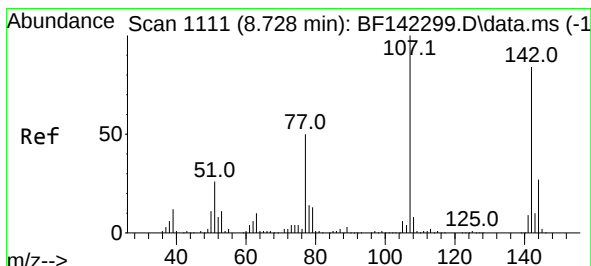
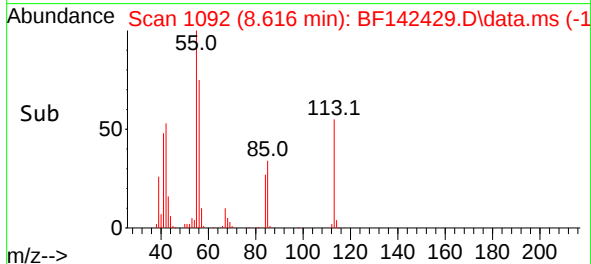
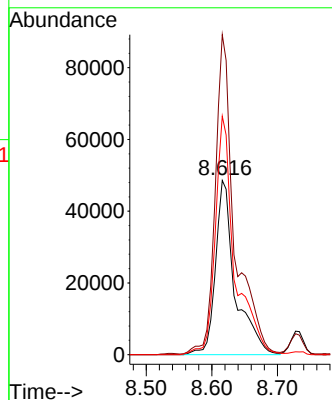
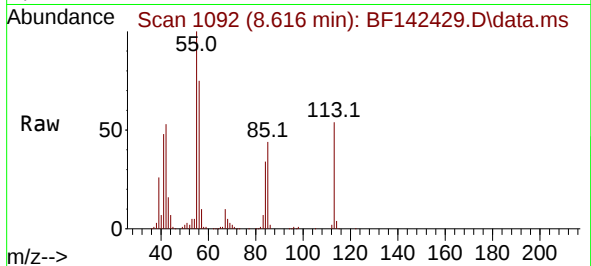




#35  
 Caprolactam  
 Concen: 48.890 ng  
 RT: 8.616 min Scan# 1092  
 Delta R.T. -0.006 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

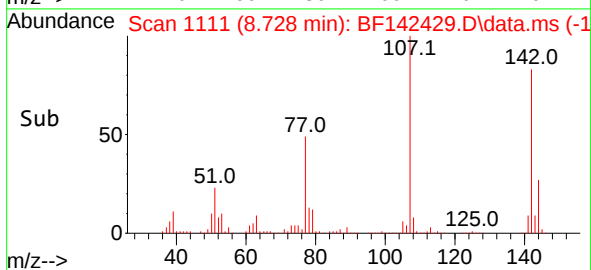
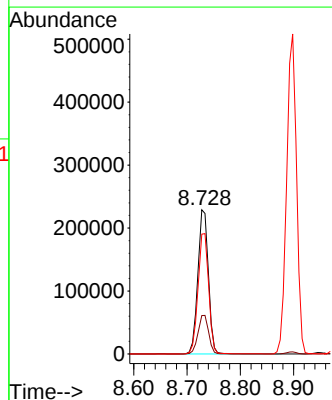
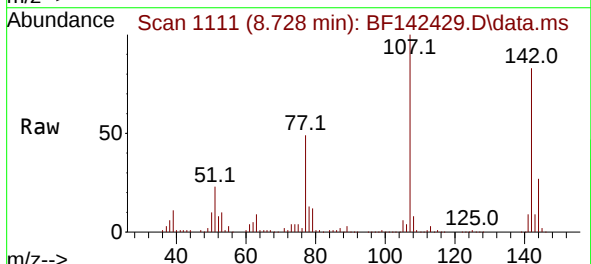
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

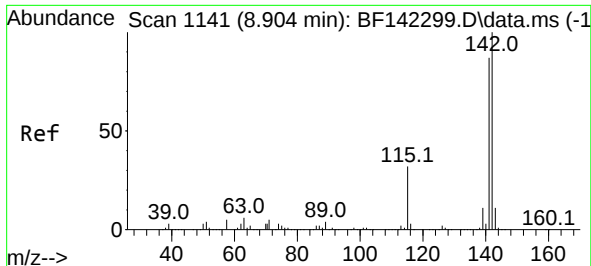
Tgt Ion:113 Resp: 100987  
 Ion Ratio Lower Upper  
 113 100  
 55 183.6 176.4 216.4  
 56 137.0 120.3 160.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.740 ng  
 RT: 8.728 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

Tgt Ion:107 Resp: 314891  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.3 31.9  
 142 83.1 66.9 100.3





#37

2-Methylnaphthalene

Concen: 40.730 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

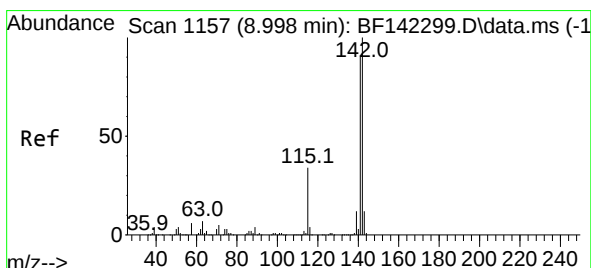
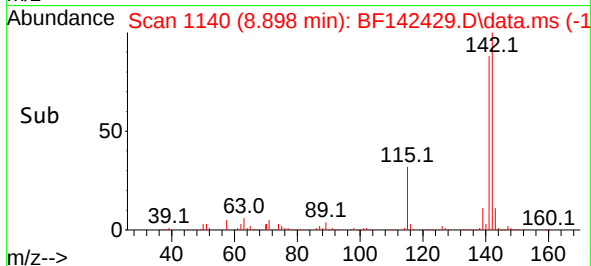
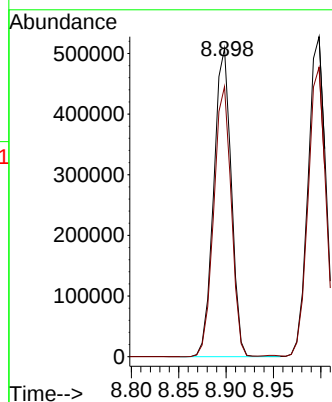
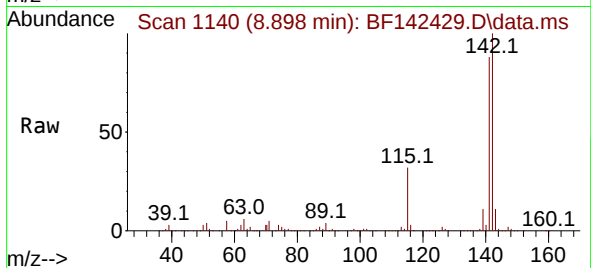
L3-WC-1MSD

Tgt Ion:142 Resp: 655023

Ion Ratio Lower Upper

142 100

141 87.6 69.4 104.2



#38

1-Methylnaphthalene

Concen: 40.588 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142429.D

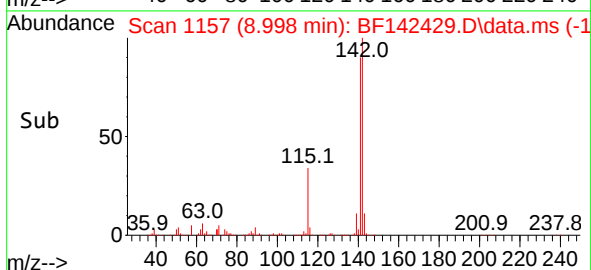
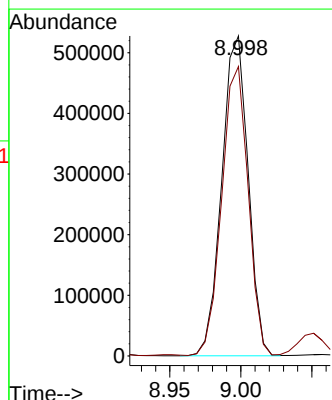
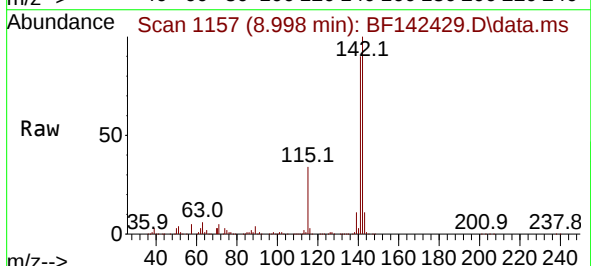
Acq: 16 May 2025 16:15

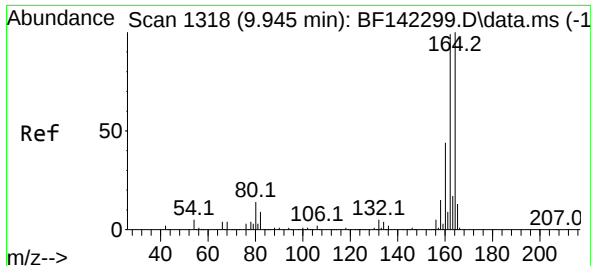
Tgt Ion:142 Resp: 680335

Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

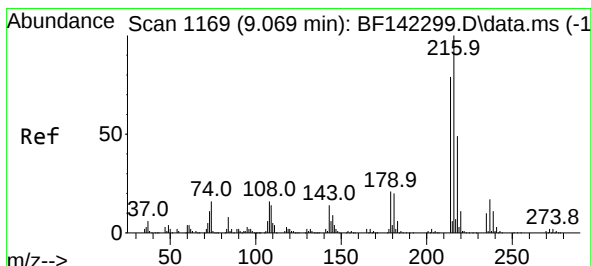
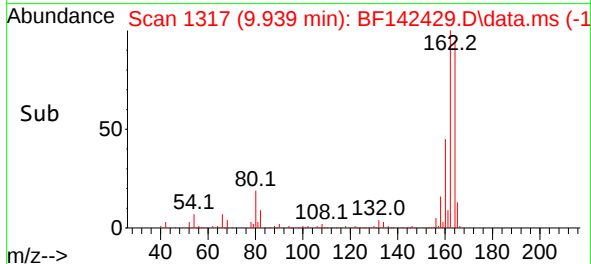
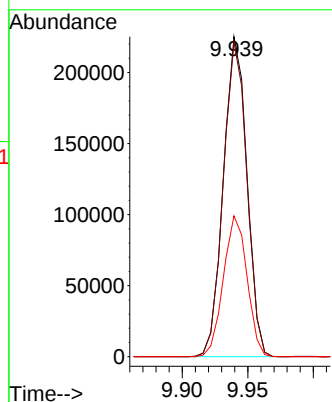
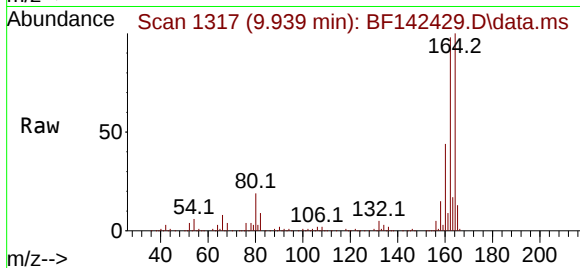
Tgt Ion:164 Resp: 281508

Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.759 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Tgt Ion:216 Resp: 328317

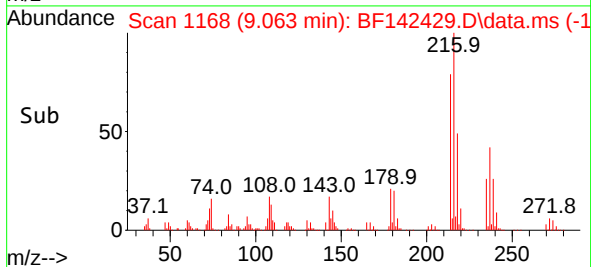
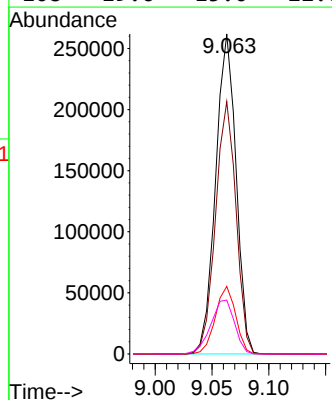
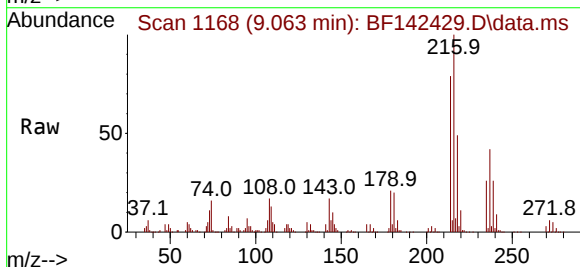
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 21.0 17.0 25.6

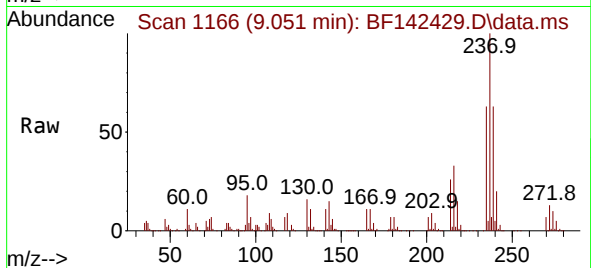
108 19.6 15.0 22.6



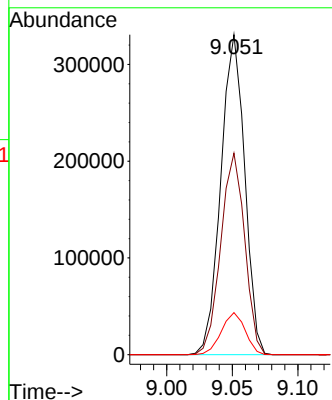
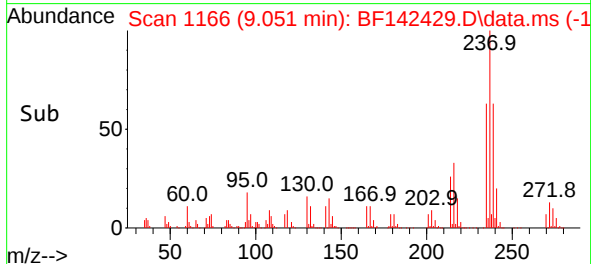


#41  
Hexachlorocyclopentadiene  
Concen: 86.151 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

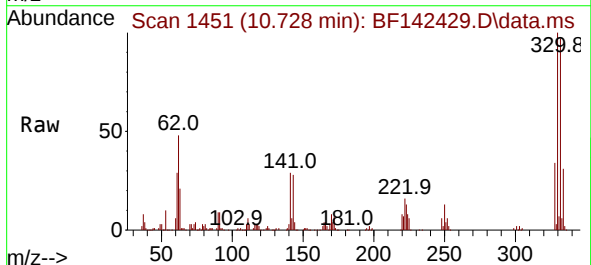
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD



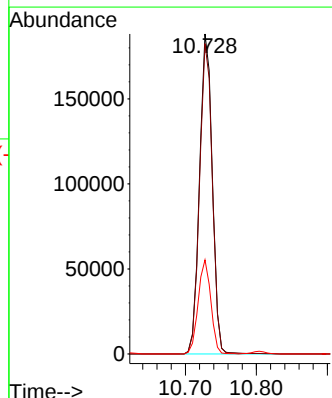
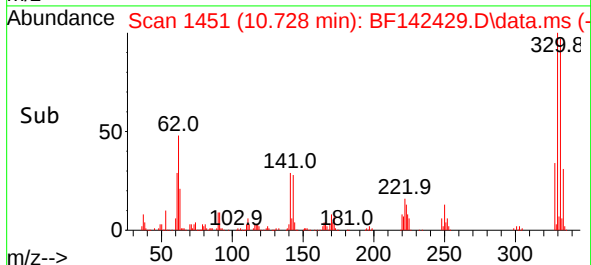
Tgt Ion:237 Resp: 418614  
Ion Ratio Lower Upper  
237 100  
235 62.9 42.8 82.8  
272 13.1 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 86.597 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15



Tgt Ion:330 Resp: 235363  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.8 115.2  
141 29.2 24.9 37.3

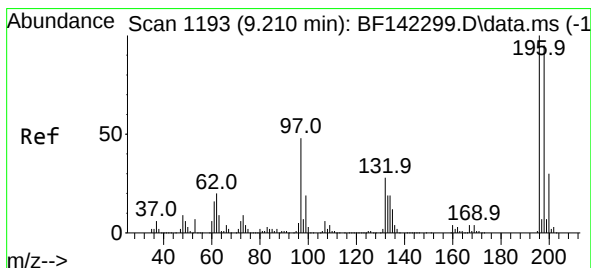
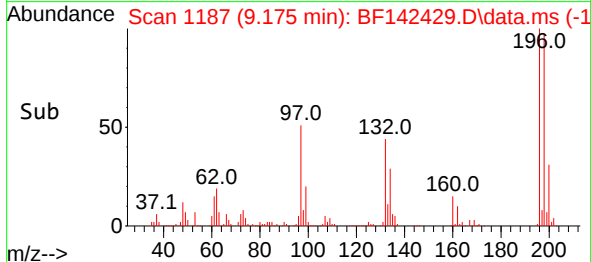
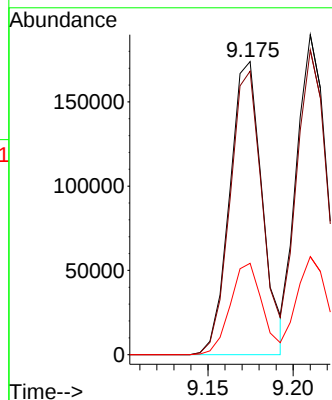
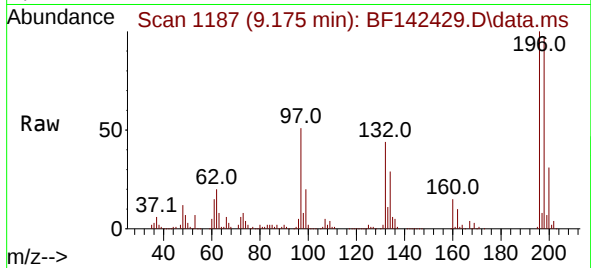




#43  
2,4,6-Trichlorophenol  
Concen: 46.688 ng  
RT: 9.175 min Scan# 1187  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

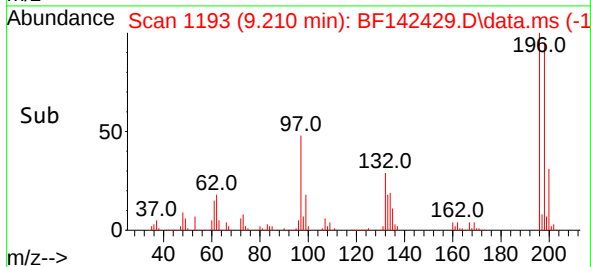
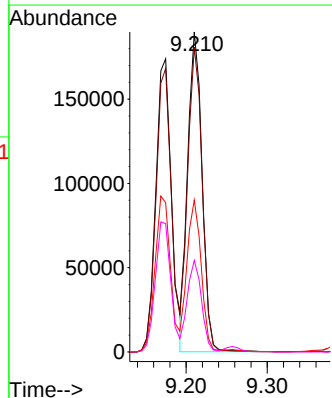
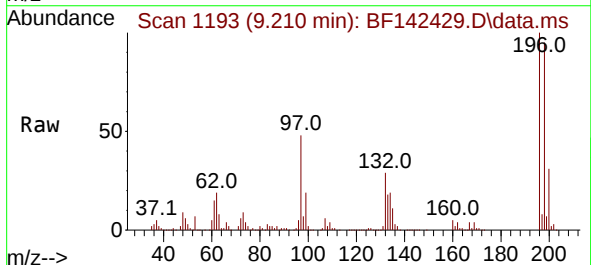
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

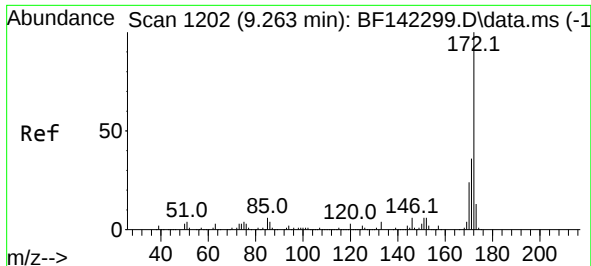
Tgt Ion:196 Resp: 231538  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.4 113.0  
200 31.2 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 44.472 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:196 Resp: 234662  
Ion Ratio Lower Upper  
196 100  
198 95.2 76.1 114.1  
97 47.5 39.0 58.4  
132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 46.987 ng

RT: 9.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

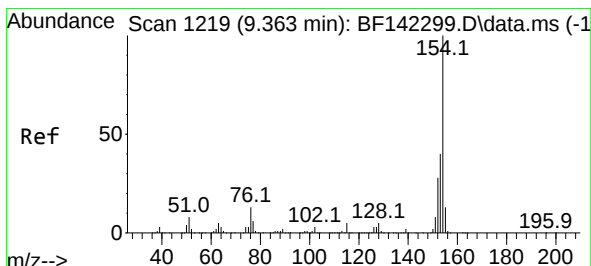
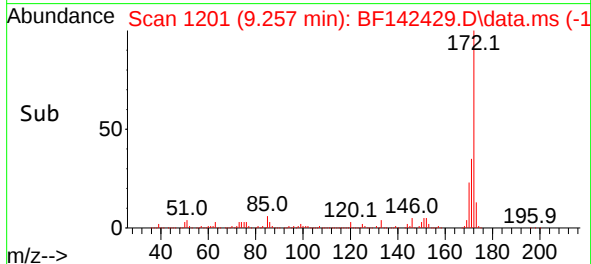
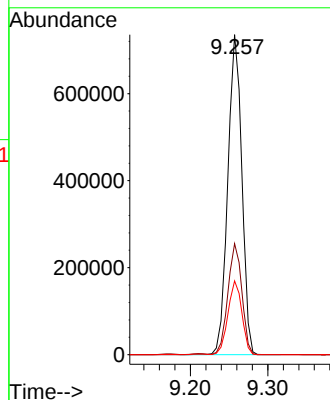
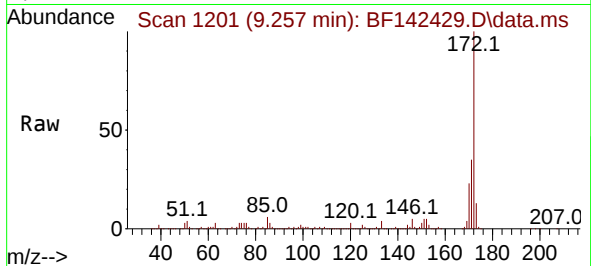
Tgt Ion:172 Resp: 927648

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.706 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

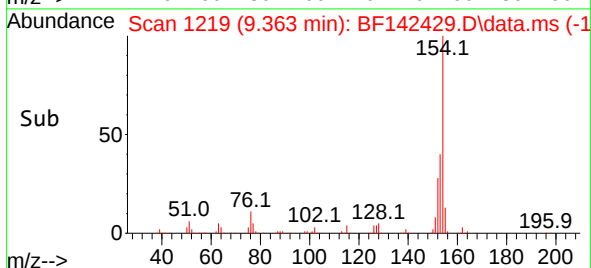
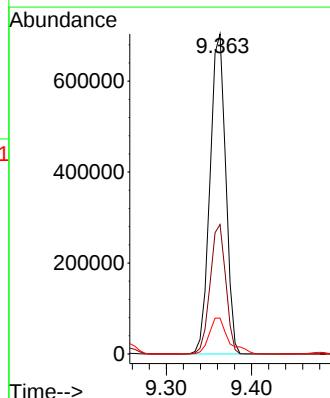
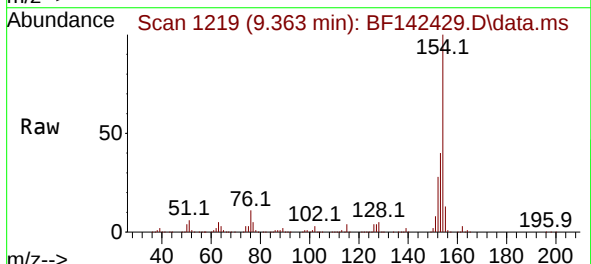
Tgt Ion:154 Resp: 900206

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.336 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

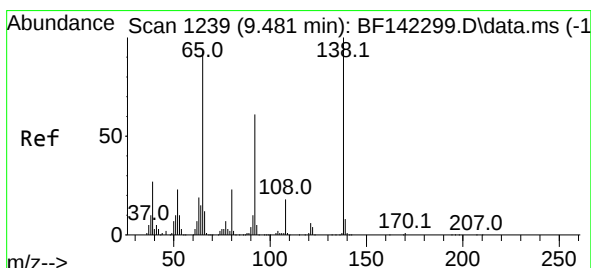
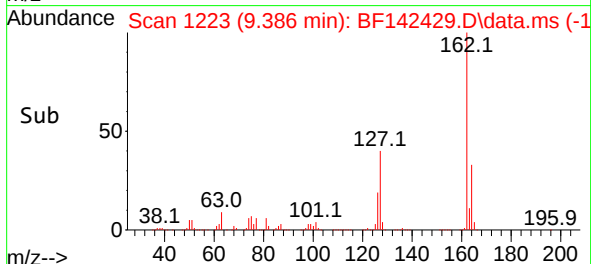
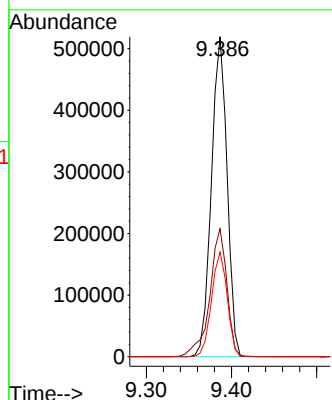
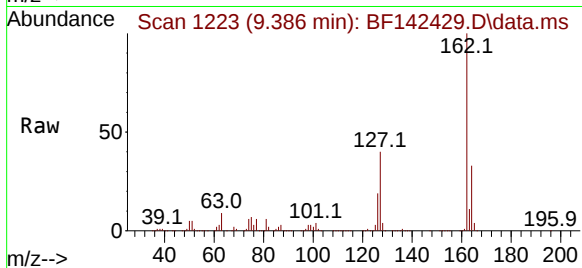
Tgt Ion:162 Resp: 663509

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 49.120 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

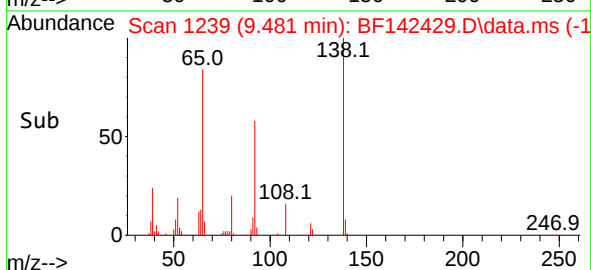
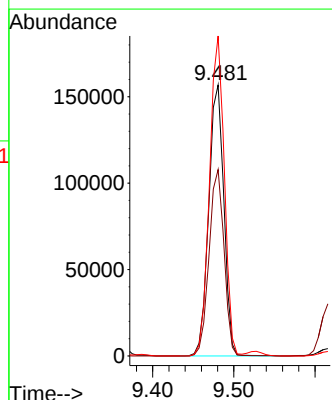
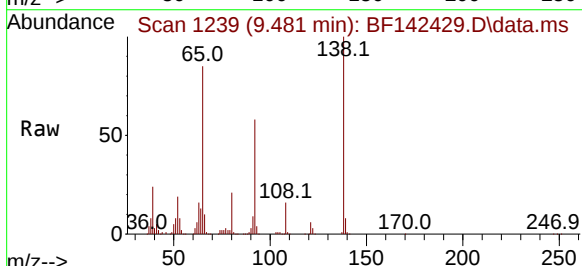
Tgt Ion: 65 Resp: 202099

Ion Ratio Lower Upper

65 100

92 68.8 52.3 78.5

138 118.1 85.6 128.4





#49

Acenaphthylene

Concen: 41.114 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

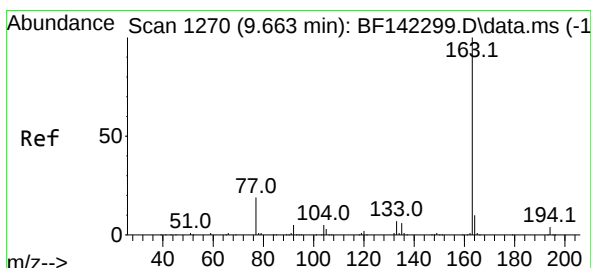
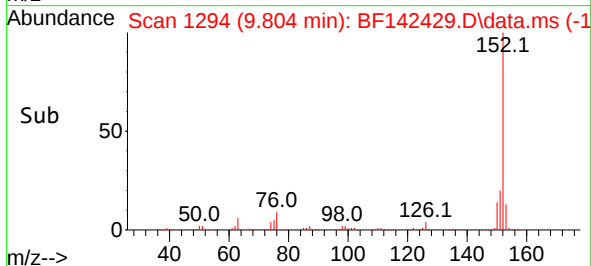
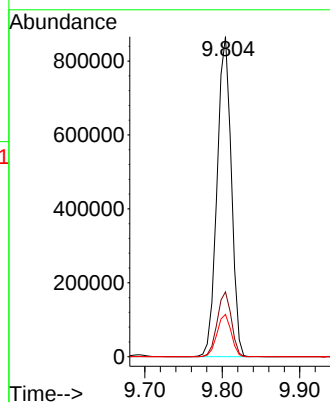
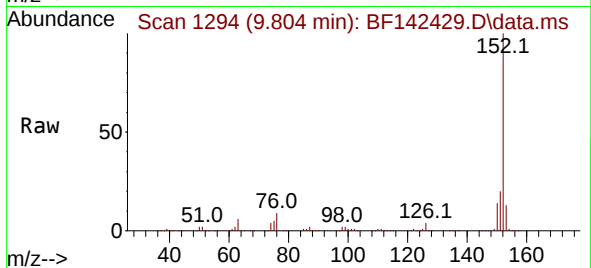
Tgt Ion:152 Resp: 1104014

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 42.348 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

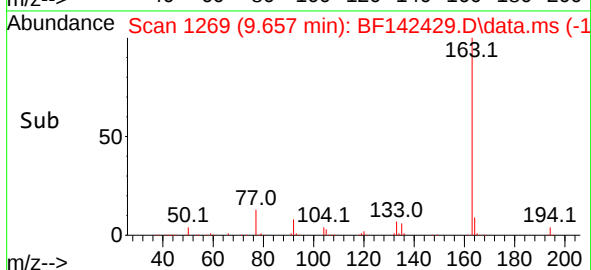
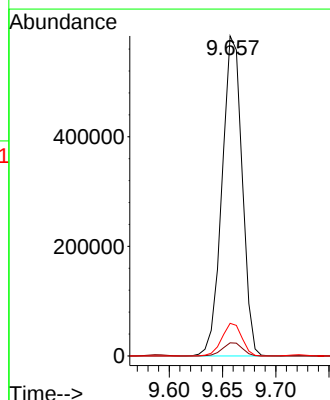
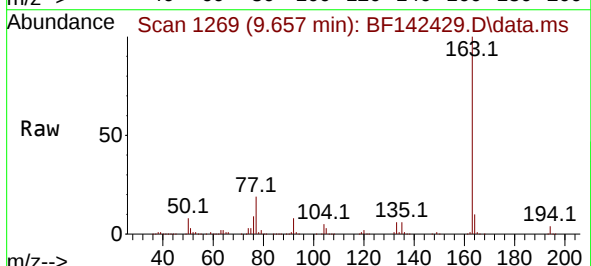
Tgt Ion:163 Resp: 765493

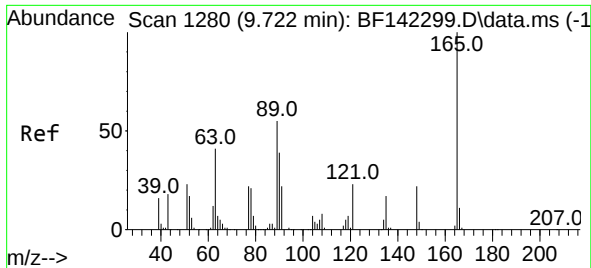
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.2 8.3 12.5

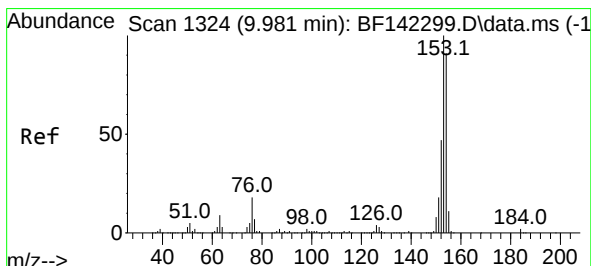
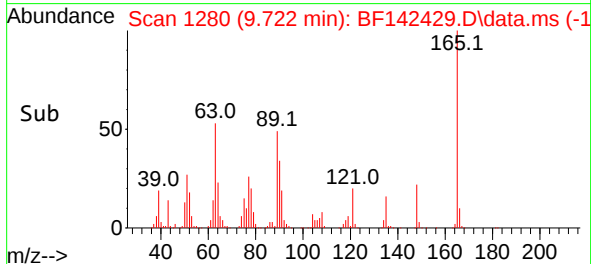
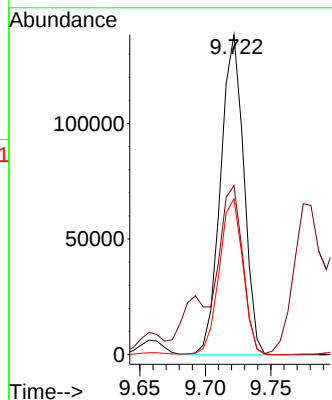
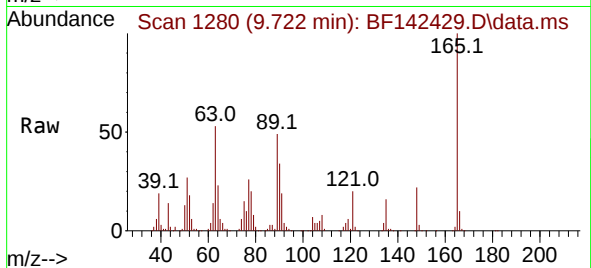




#51  
2,6-Dinitrotoluene  
Concen: 50.317 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

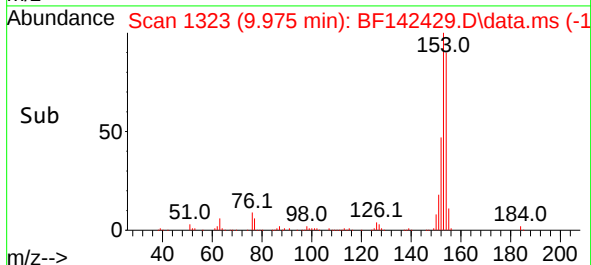
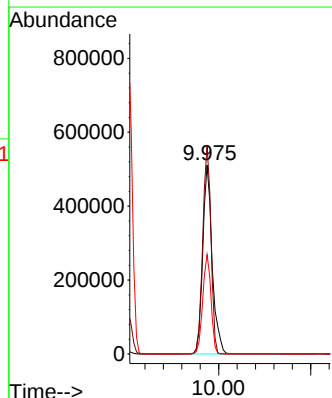
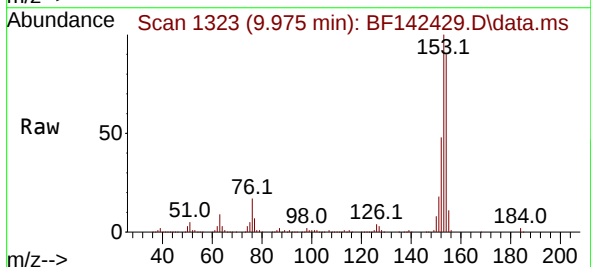
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

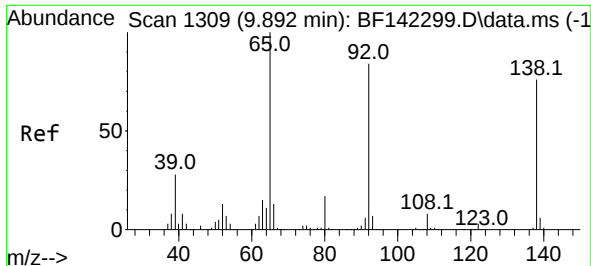
Tgt Ion:165 Resp: 170252  
Ion Ratio Lower Upper  
165 100  
63 52.9 49.5 74.3  
89 48.7 44.6 66.8



#52  
Acenaphthene  
Concen: 45.378 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:154 Resp: 732671  
Ion Ratio Lower Upper  
154 100  
153 110.7 88.0 132.0  
152 52.7 41.6 62.4

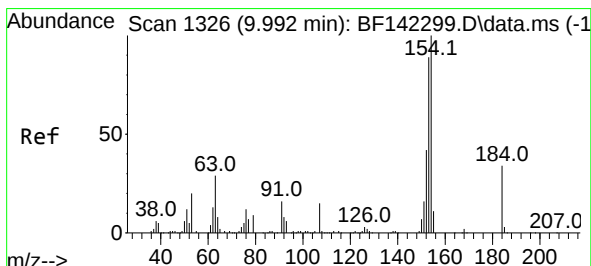
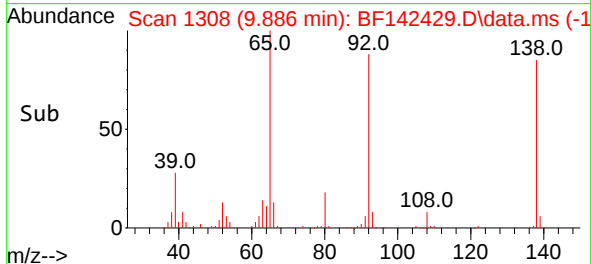
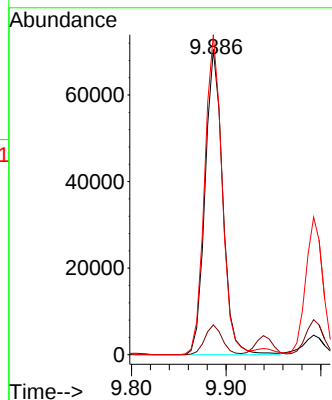
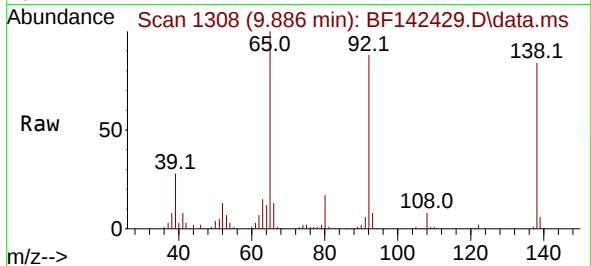




#53  
3-Nitroaniline  
Concen: 22.945 ng  
RT: 9.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

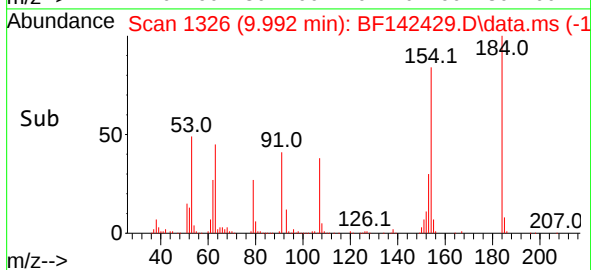
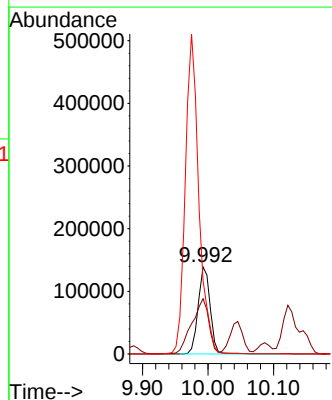
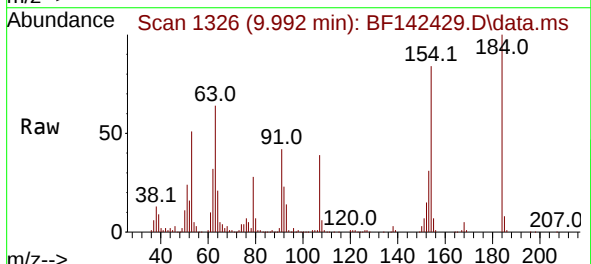
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion:138 Resp: 91053  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.7 13.1  
92 104.9 89.5 134.3



#54  
2,4-Dinitrophenol  
Concen: 98.467 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:184 Resp: 177767  
Ion Ratio Lower Upper  
184 100  
63 63.6 70.6 105.8#  
154 84.2 257.2 385.8#

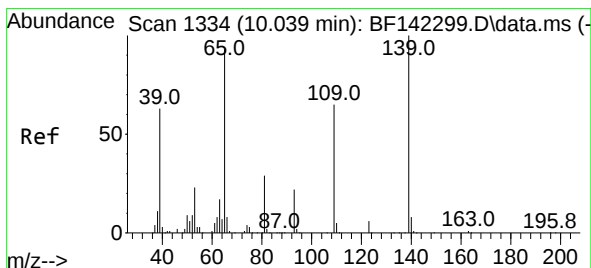
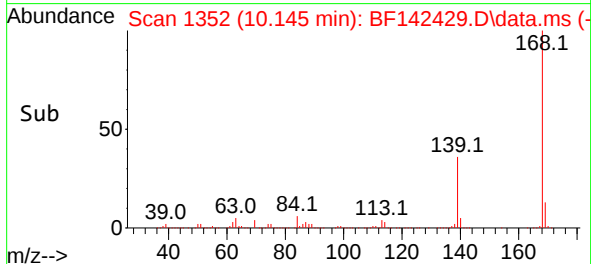
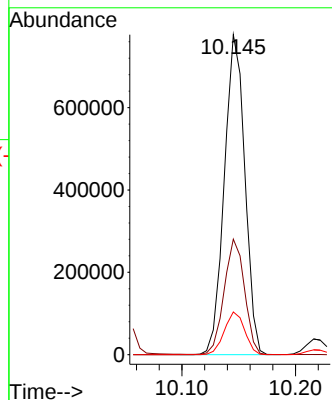
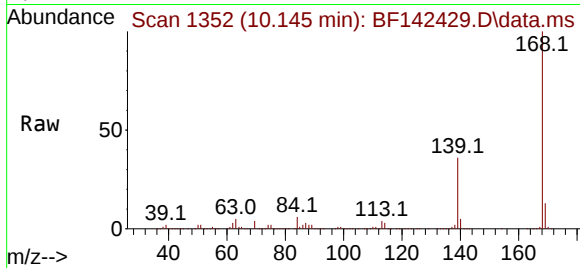




#55  
Dibenzenofuran  
Concen: 40.974 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

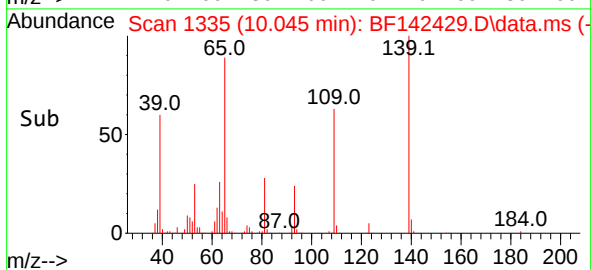
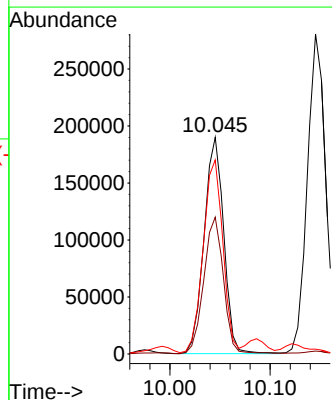
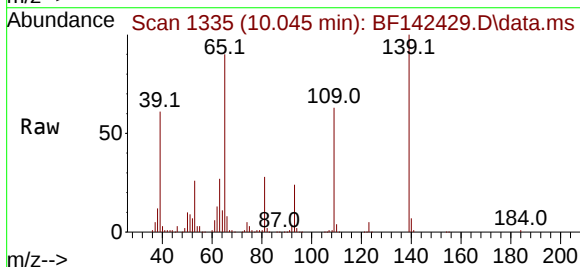
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

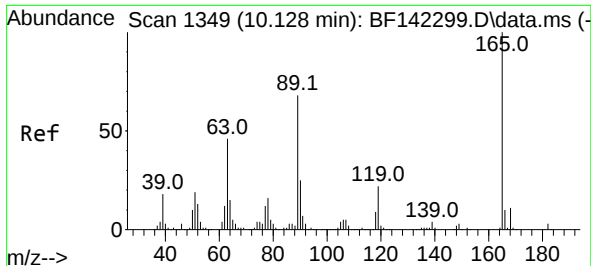
Tgt Ion:168 Resp: 976347  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.0 43.4  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 86.899 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:139 Resp: 259533  
Ion Ratio Lower Upper  
139 100  
109 63.1 45.3 85.3  
65 89.6 73.9 113.9

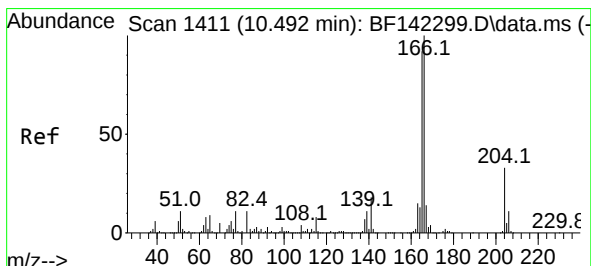
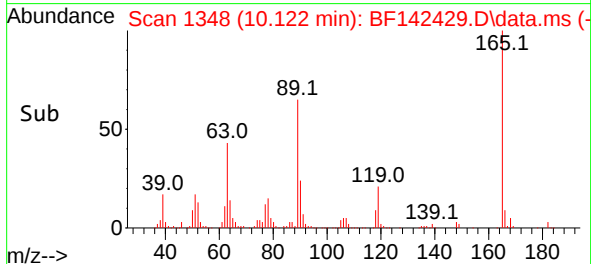
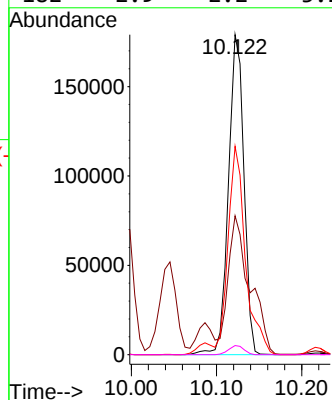
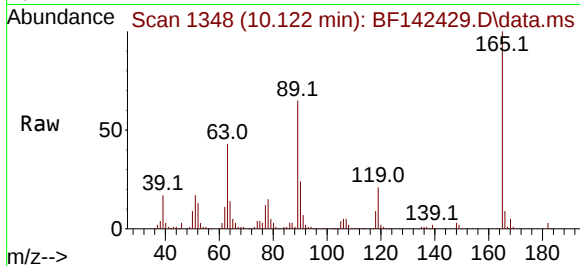




#57  
2,4-Dinitrotoluene  
Concen: 52.188 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

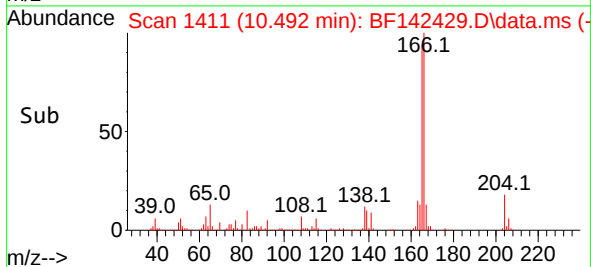
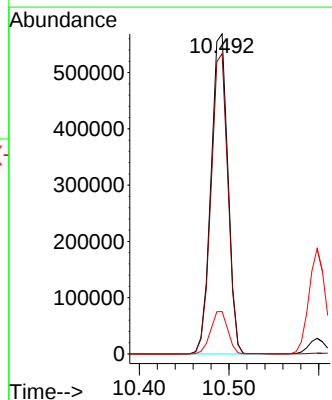
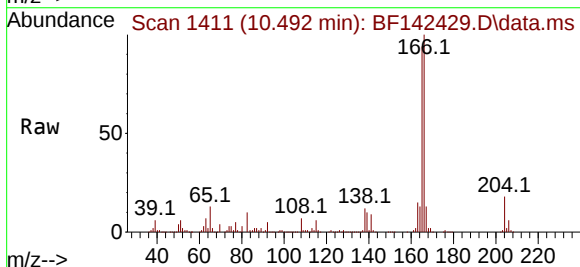
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

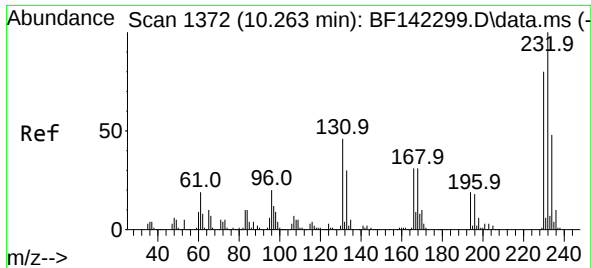
Tgt Ion:165 Resp: 226504  
Ion Ratio Lower Upper  
165 100  
63 43.4 37.1 55.7  
89 65.1 54.4 81.6  
182 2.9 2.2 3.2



#58  
Fluorene  
Concen: 40.875 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:166 Resp: 743311  
Ion Ratio Lower Upper  
166 100  
165 93.8 74.0 111.0  
167 13.3 10.9 16.3

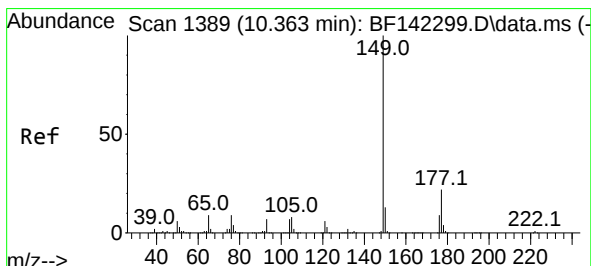
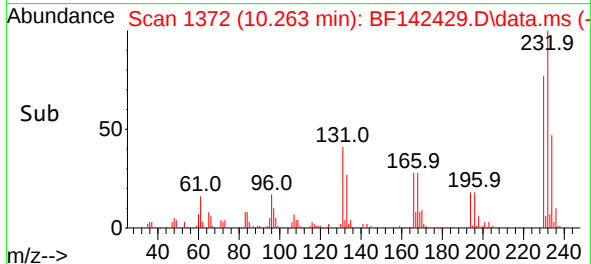
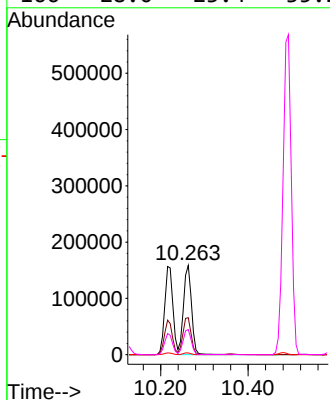
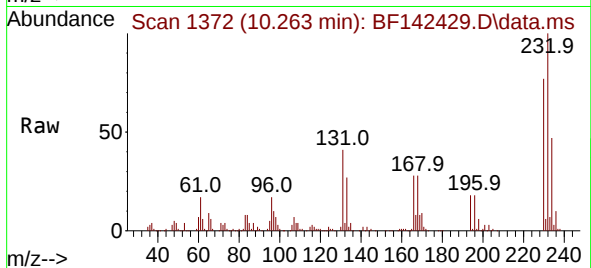




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.086 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

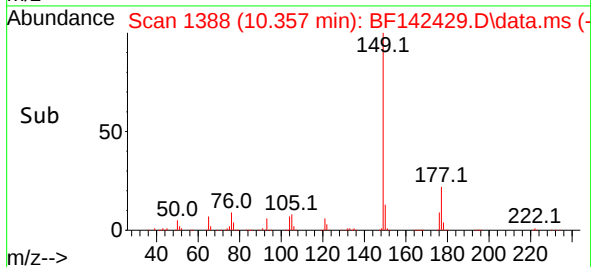
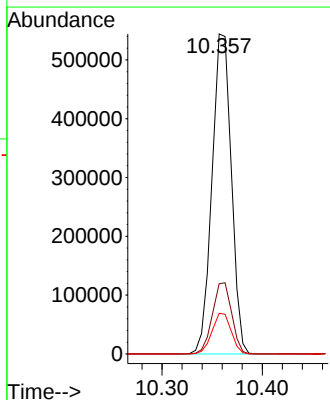
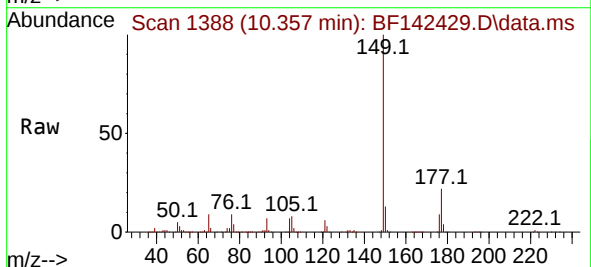
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

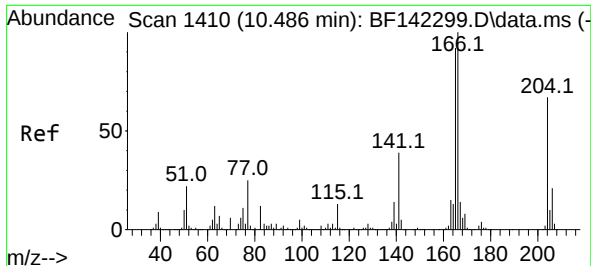
Tgt Ion:232 Resp: 200749  
Ion Ratio Lower Upper  
232 100  
131 42.4 36.0 54.0  
130 2.0 1.8 2.6  
166 28.0 23.4 35.2



#60  
Diethylphthalate  
Concen: 40.338 ng  
RT: 10.357 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 728183  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.6 26.4  
150 12.7 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 40.368 ng

RT: 10.481 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

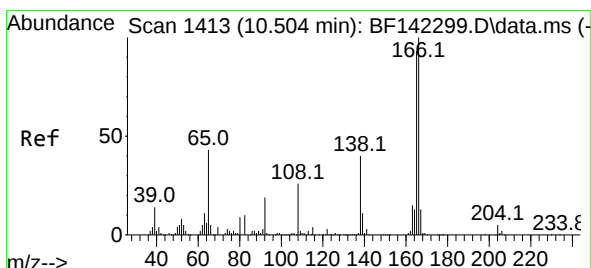
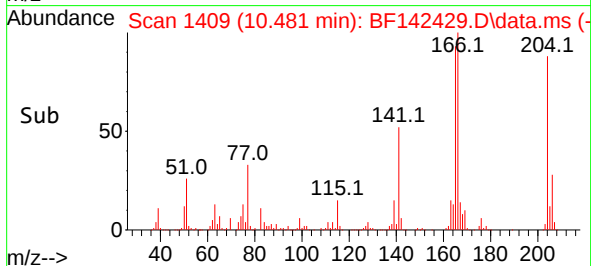
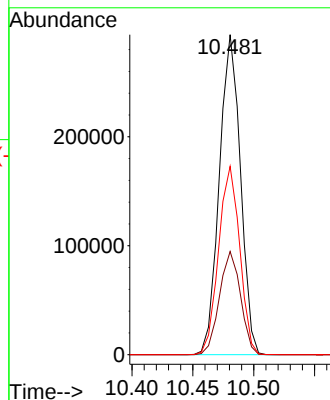
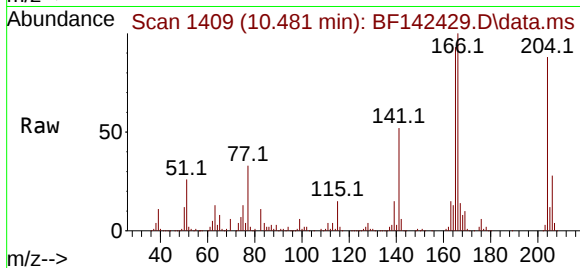
Tgt Ion:204 Resp: 354162

Ion Ratio Lower Upper

204 100

206 32.2 25.5 38.3

141 58.8 46.4 69.6



#62

4-Nitroaniline

Concen: 51.241 ng

RT: 10.504 min Scan# 1413

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

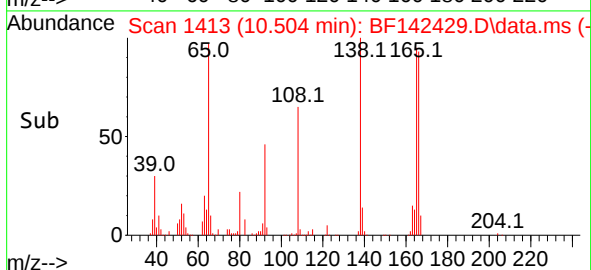
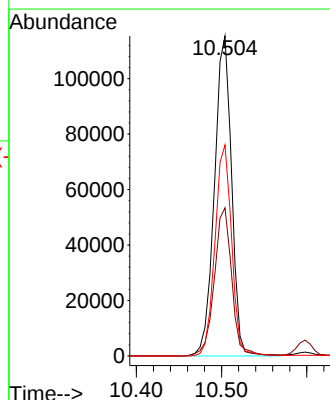
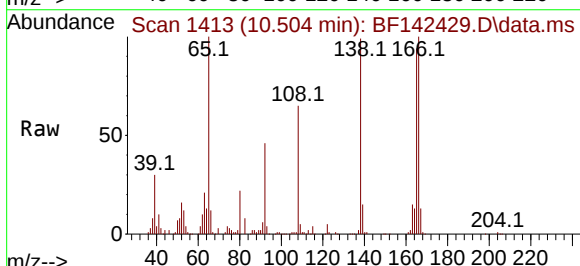
Tgt Ion:138 Resp: 161160

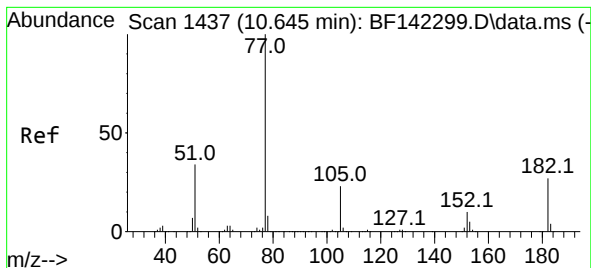
Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

108 66.0 45.1 85.1





#63

Azobenzene

Concen: 42.824 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

Tgt Ion: 77 Resp: 738724

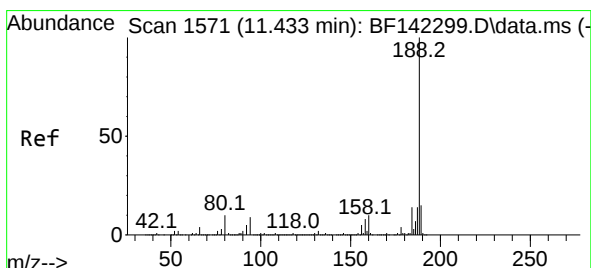
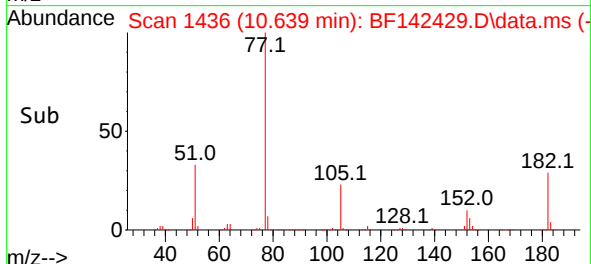
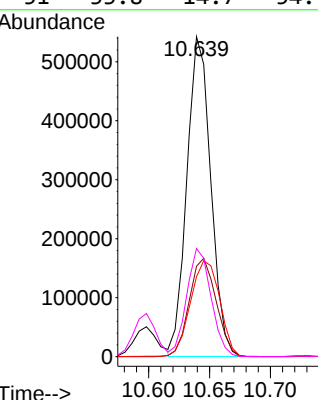
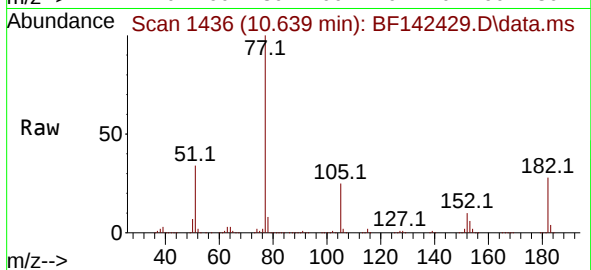
Ion Ratio Lower Upper

77 100

182 28.3 6.9 46.9

105 25.0 2.7 42.7

51 33.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

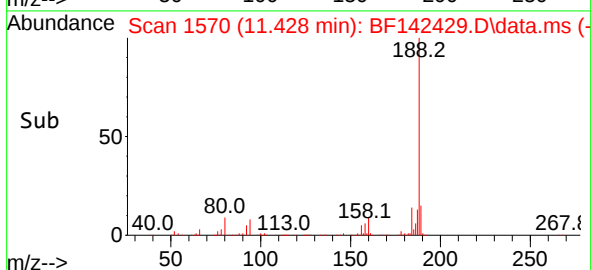
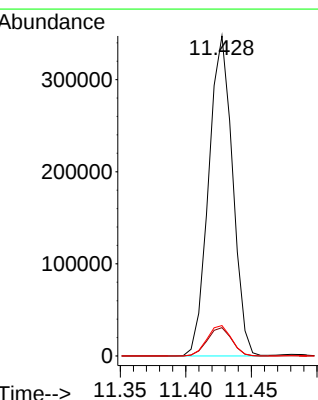
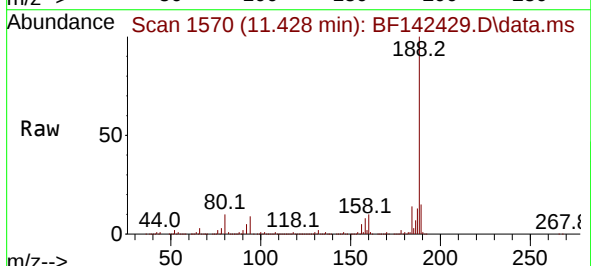
Tgt Ion: 188 Resp: 440790

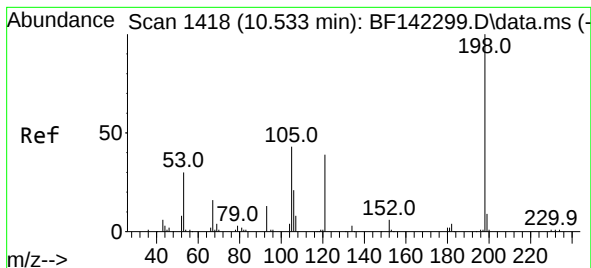
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.5 7.9 11.9

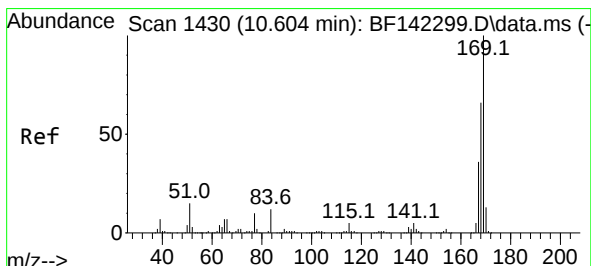
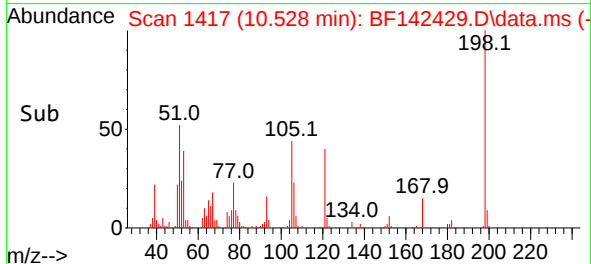
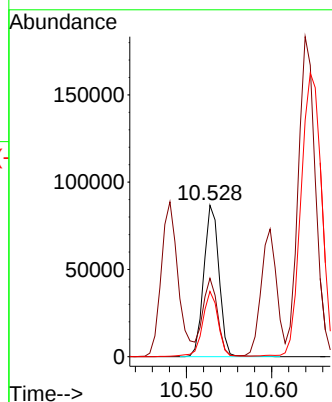
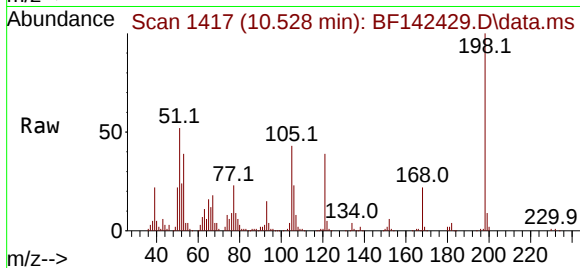




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.742 ng  
RT: 10.528 min Scan# 1417  
Delta R.T. -0.005 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

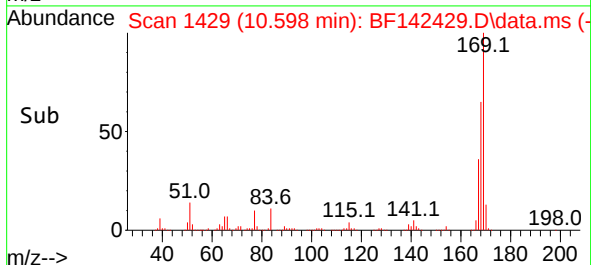
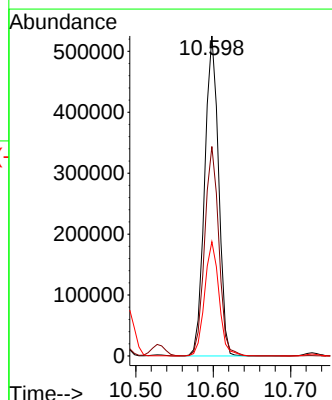
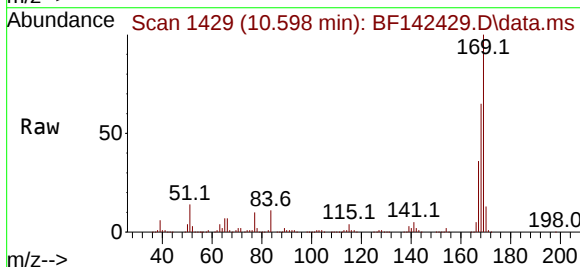
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion:198 Resp: 107669  
Ion Ratio Lower Upper  
198 100  
51 51.8 32.9 72.9  
105 43.1 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 44.666 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:169 Resp: 655155  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.2 79.8  
167 35.7 28.9 43.3

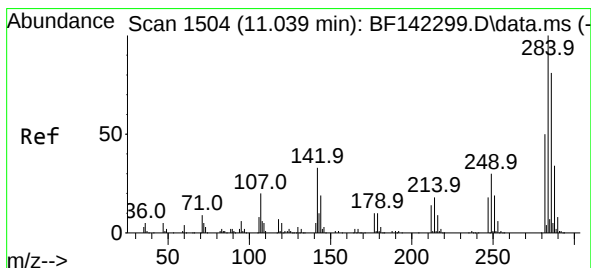
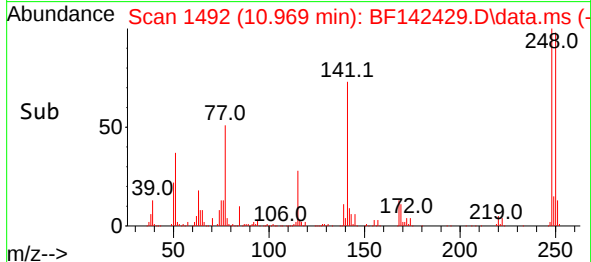
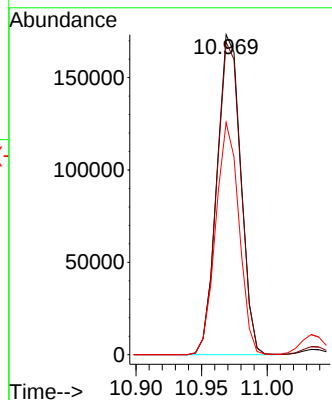
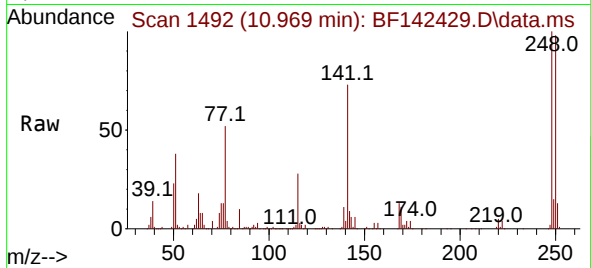




#67  
4-Bromophenyl-phenylether  
Concen: 44.032 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

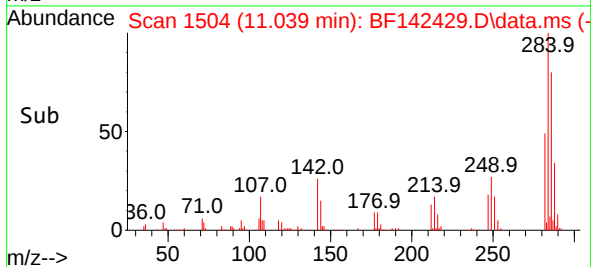
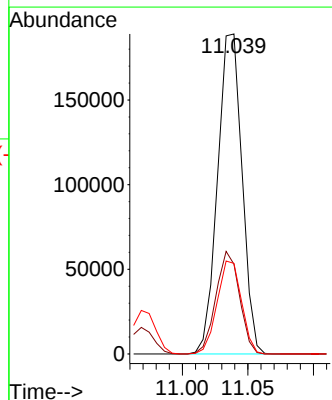
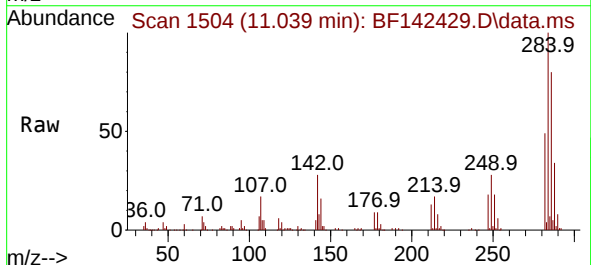
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

Tgt Ion:248 Resp: 219967  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.9 116.9  
141 72.5 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 44.599 ng  
RT: 11.039 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:284 Resp: 245073  
Ion Ratio Lower Upper  
284 100  
142 28.1 26.6 39.8  
249 28.3 24.1 36.1





#69

Atrazine

Concen: 47.170 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

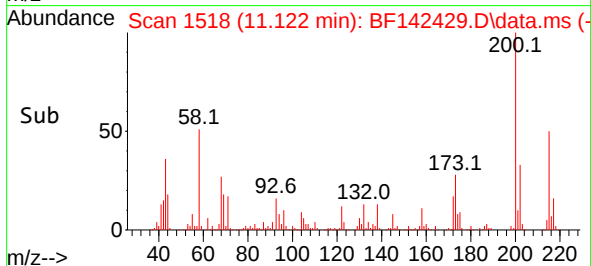
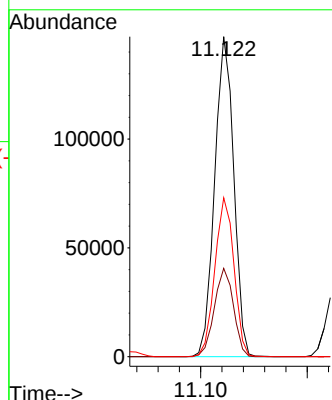
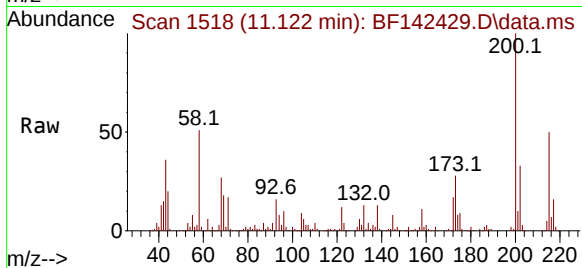
Tgt Ion:200 Resp: 182381

Ion Ratio Lower Upper

200 100

173 27.6 8.1 48.1

215 49.6 28.8 68.8



#70

Pentachlorophenol

Concen: 88.055 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

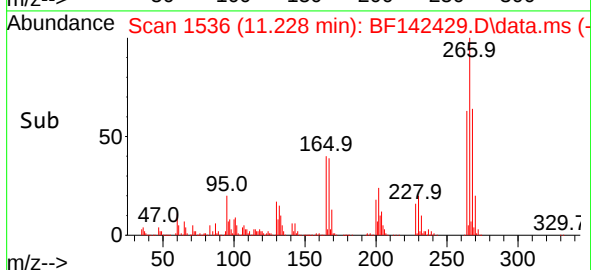
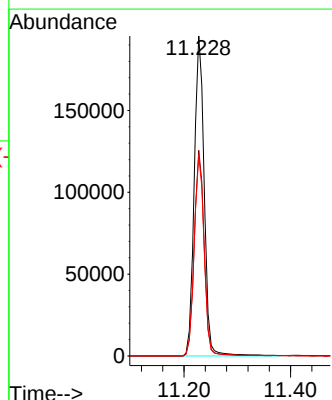
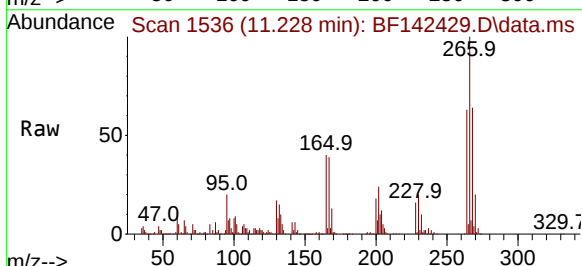
Tgt Ion:266 Resp: 254550

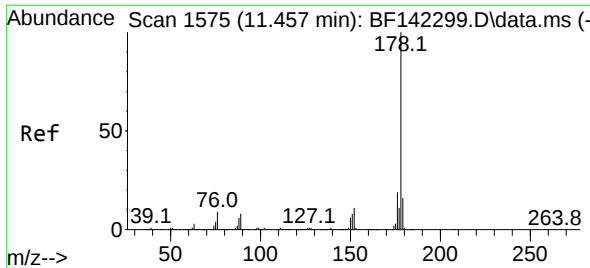
Ion Ratio Lower Upper

266 100

268 64.2 48.7 73.1

264 62.7 49.8 74.6

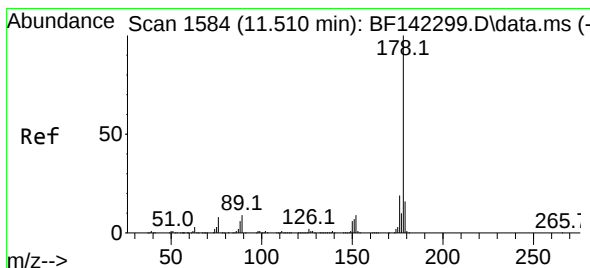
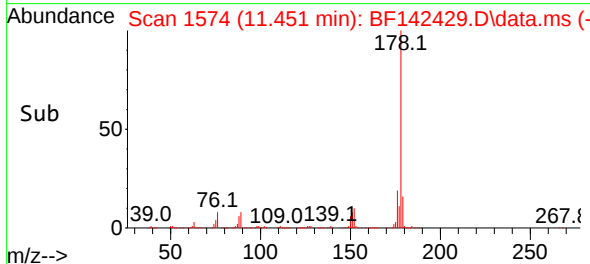
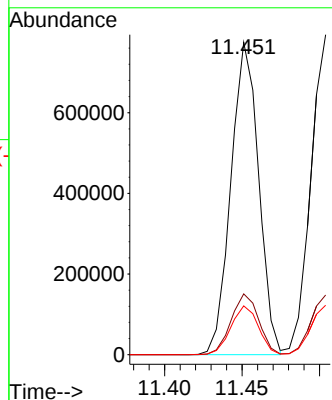
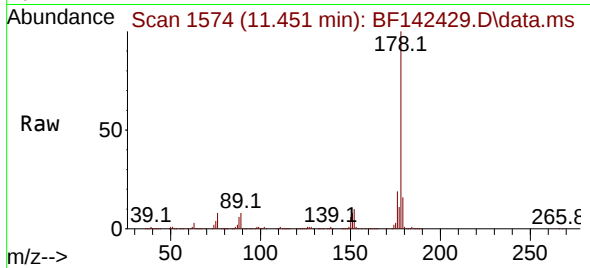




#71  
Phenanthrene  
Concen: 41.743 ng  
RT: 11.451 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

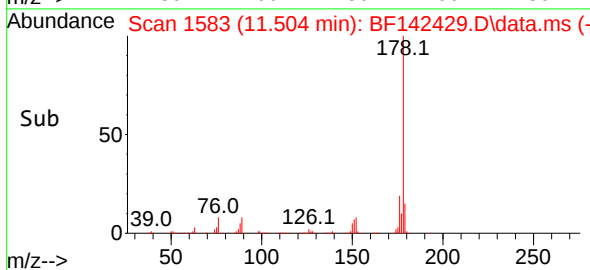
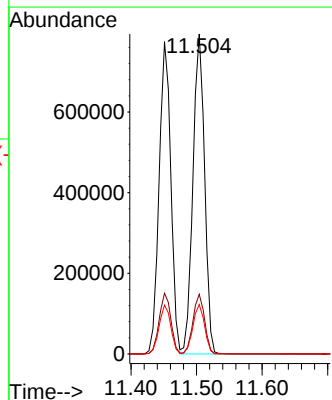
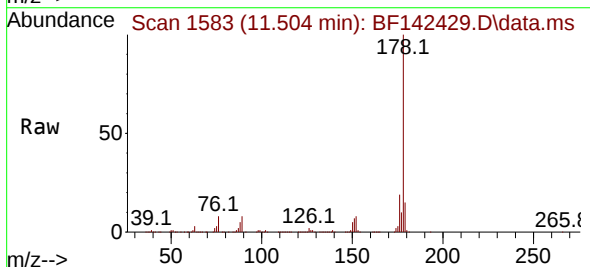
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

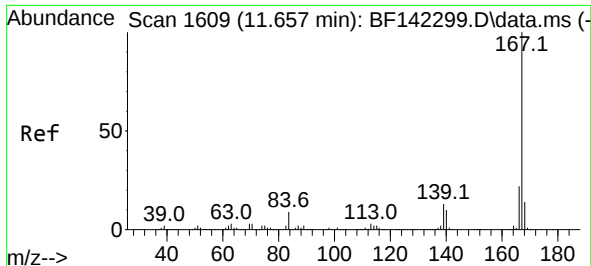
Tgt Ion:178 Resp: 964480  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.6 12.6 18.8



#72  
Anthracene  
Concen: 41.338 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:178 Resp: 981374  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.5 12.6 18.8

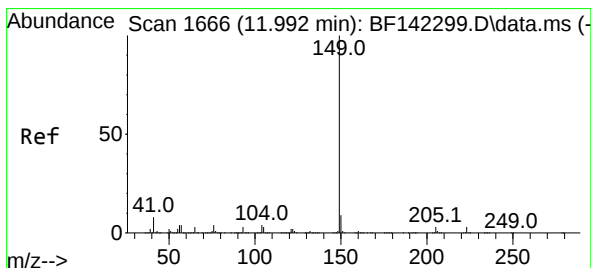
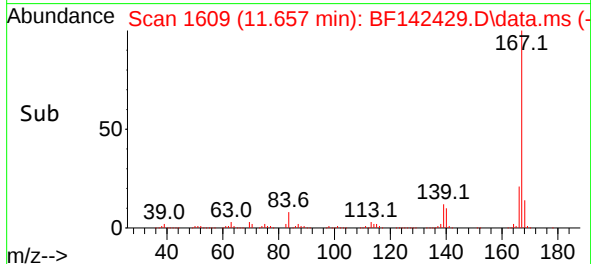
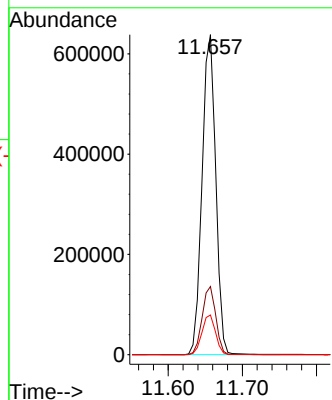
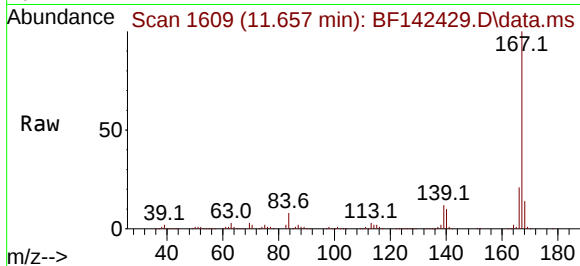




#73  
 Carbazole  
 Concen: 38.373 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. -0.000 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

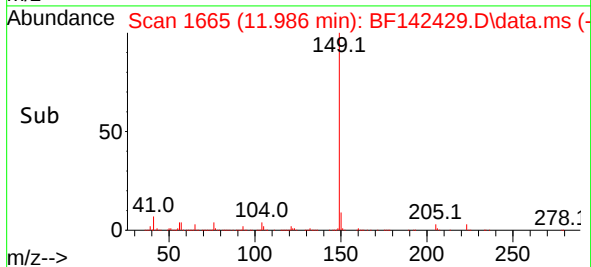
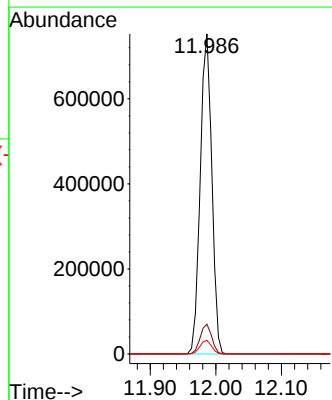
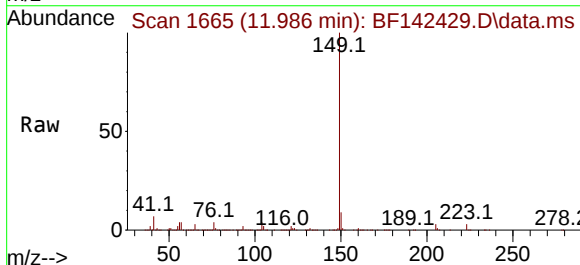
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

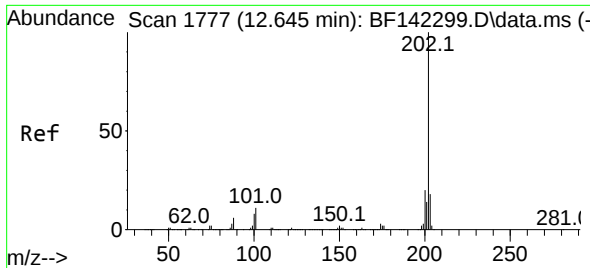
Tgt Ion:167 Resp: 817313  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.2 25.8  
 139 12.4 10.3 15.5



#74  
 Di-n-butylphthalate  
 Concen: 41.286 ng  
 RT: 11.986 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 924662  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 4.3 3.6 5.4

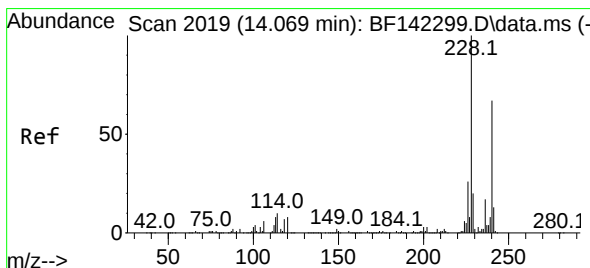
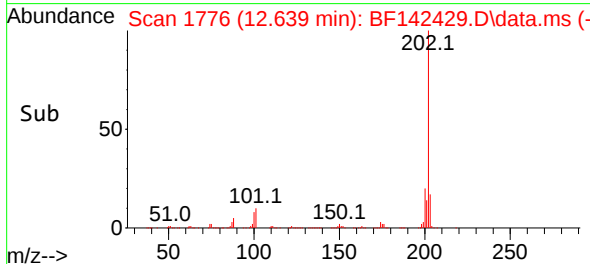
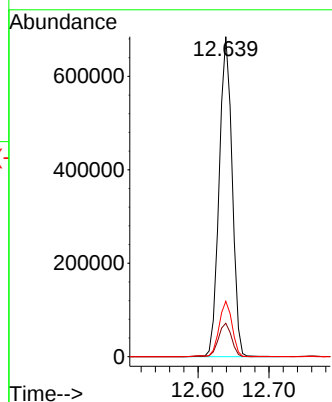
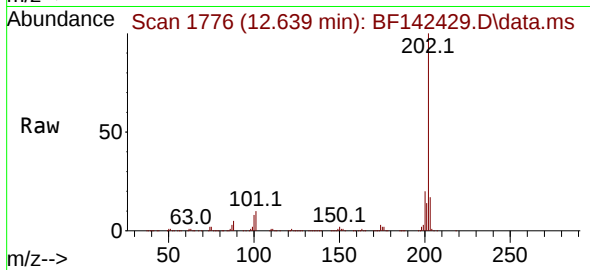




#75  
Fluoranthene  
Concen: 37.455 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

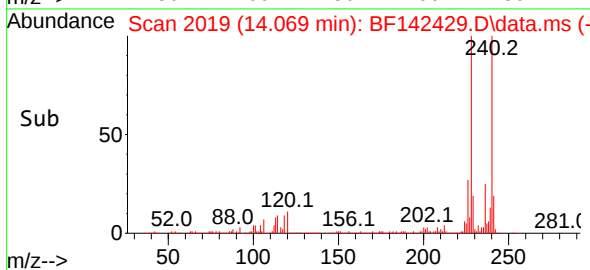
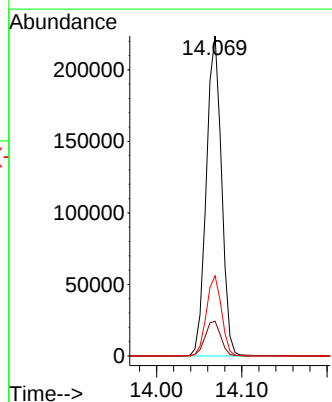
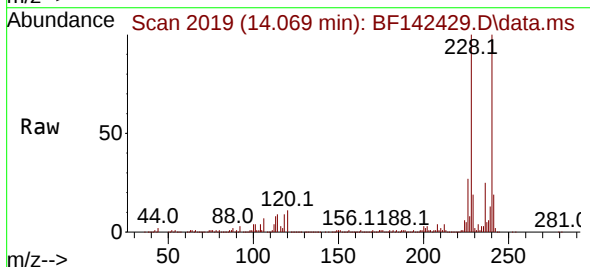
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

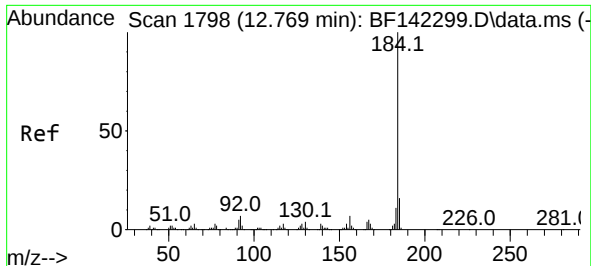
Tgt Ion:202 Resp: 865079  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 31.4  
203 17.3 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:240 Resp: 277471  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.7 14.5  
236 25.1 20.0 30.0

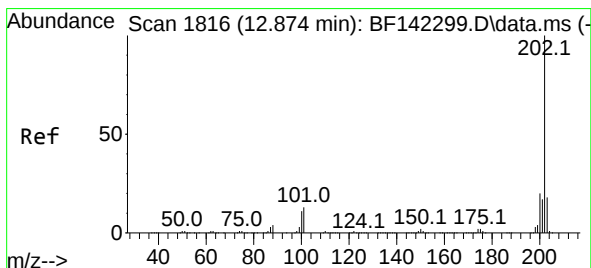
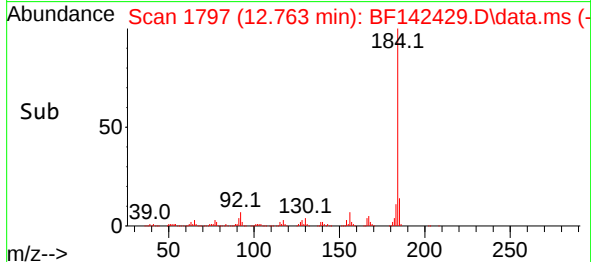
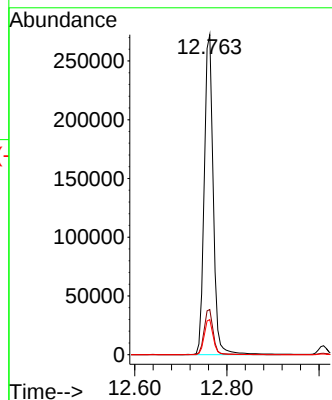
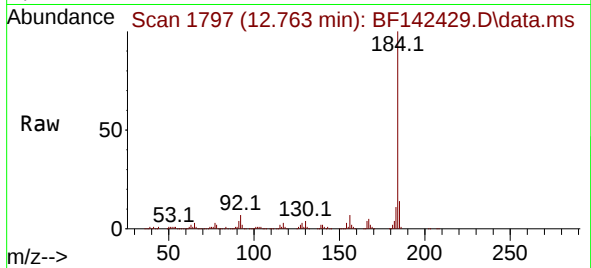




#77  
Benzidine  
Concen: 73.839 ng  
RT: 12.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

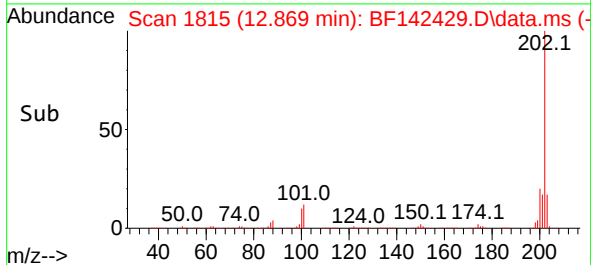
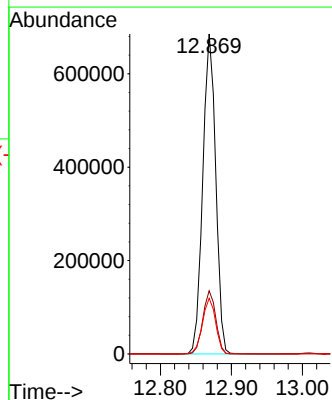
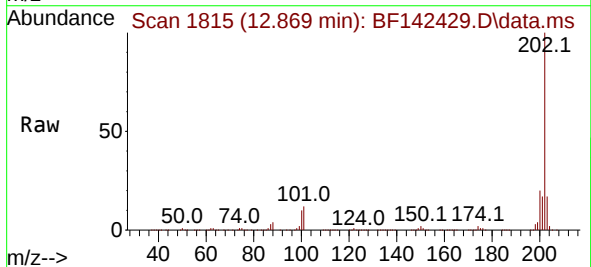
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

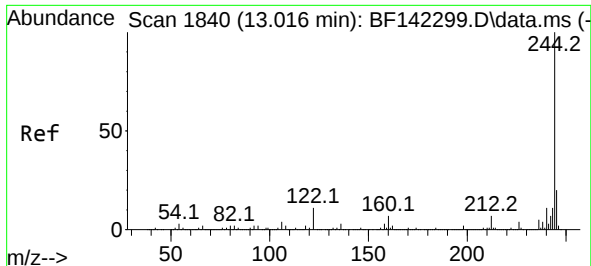
Tgt Ion:184 Resp: 372327  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.6 18.8  
183 11.0 8.6 12.8



#78  
Pyrene  
Concen: 35.246 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:202 Resp: 870488  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.2 24.4  
203 17.4 14.3 21.5

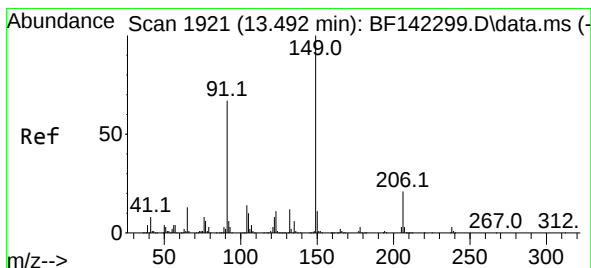
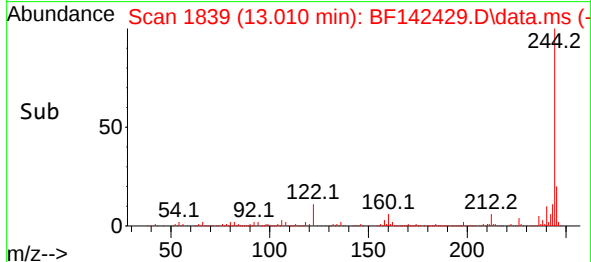
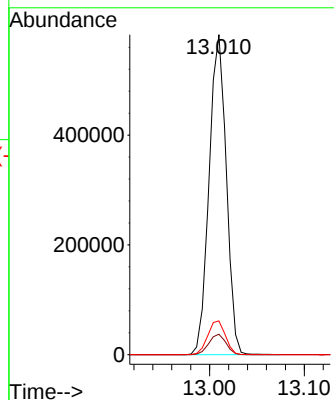
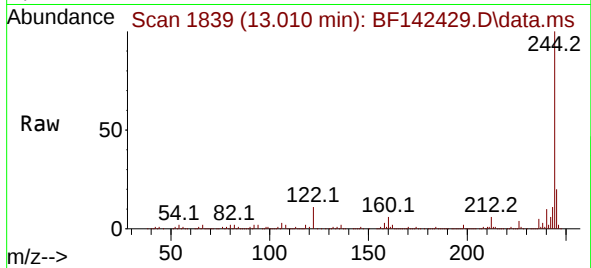




#79  
 Terphenyl-d14  
 Concen: 39.172 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

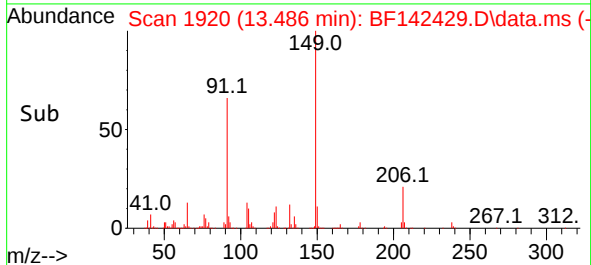
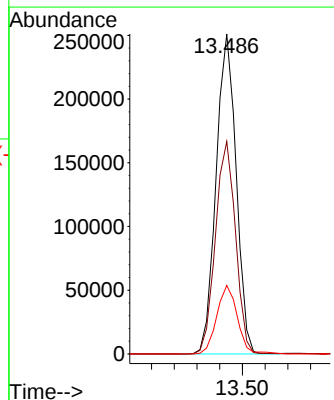
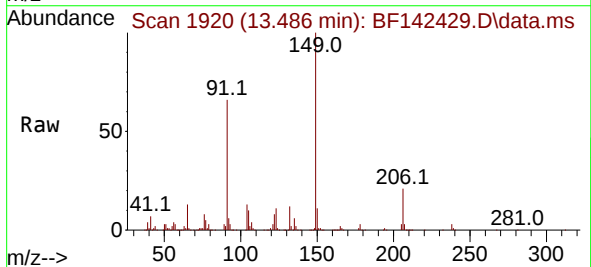
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

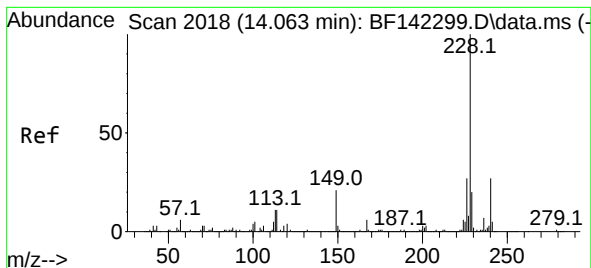
Tgt Ion:244 Resp: 734340  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.2  
 122 10.5 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 43.154 ng  
 RT: 13.486 min Scan# 1920  
 Delta R.T. -0.006 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 308152  
 Ion Ratio Lower Upper  
 149 100  
 91 66.4 53.8 80.6  
 206 21.4 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.187 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

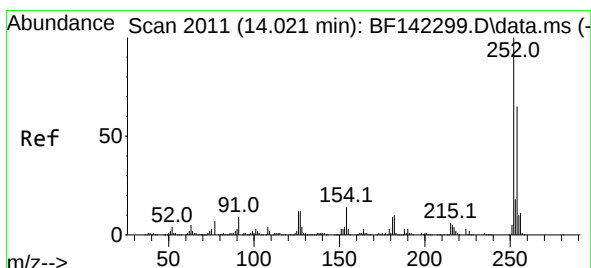
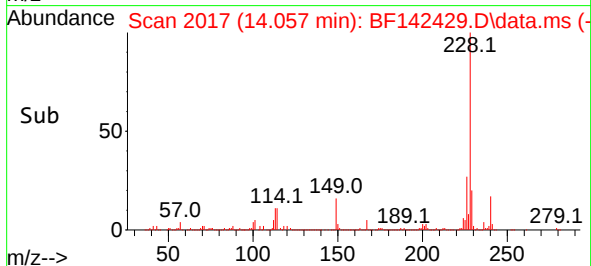
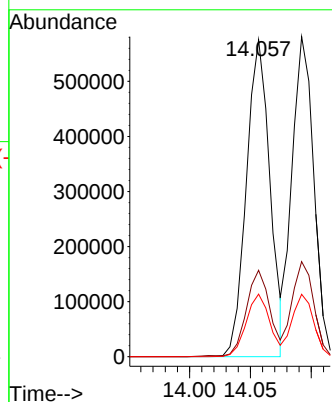
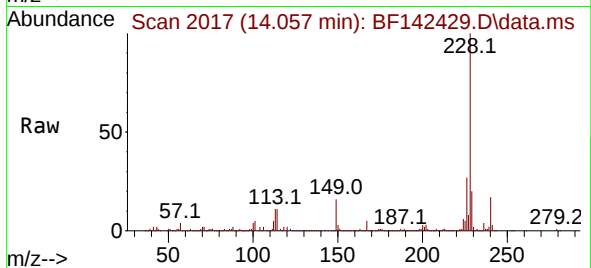
Tgt Ion:228 Resp: 776047

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.868 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.005 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

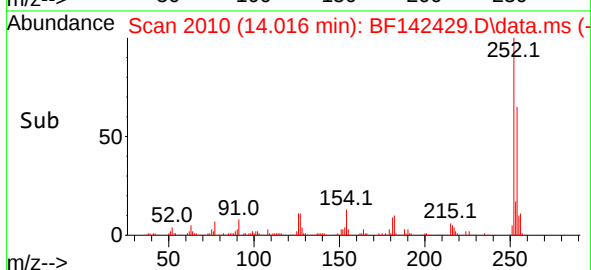
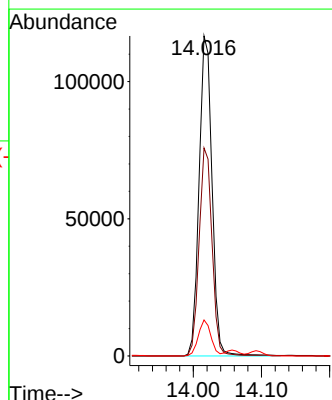
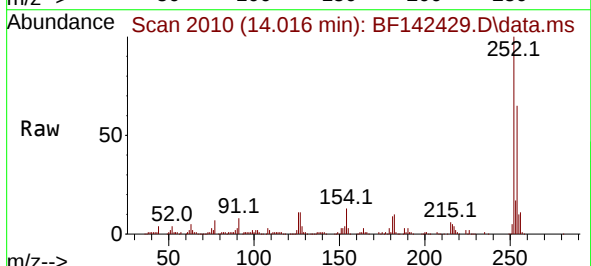
Tgt Ion:252 Resp: 154061

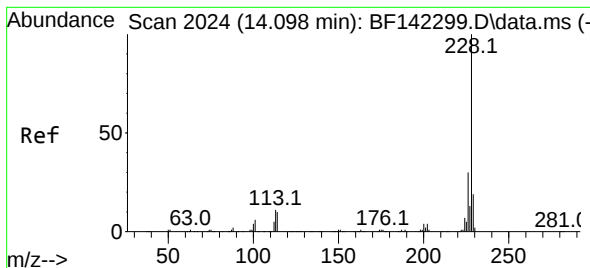
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 11.2 9.7 14.5





#83

Chrysene

Concen: 43.027 ng

RT: 14.092 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

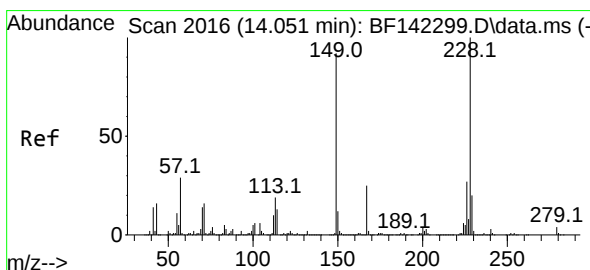
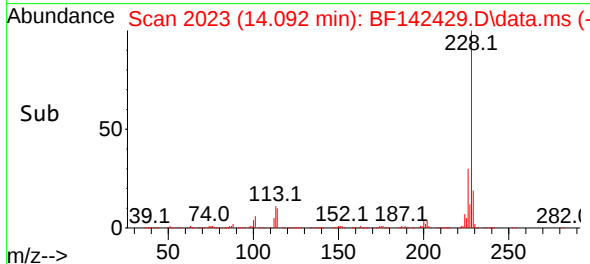
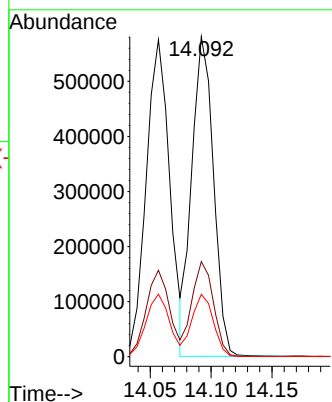
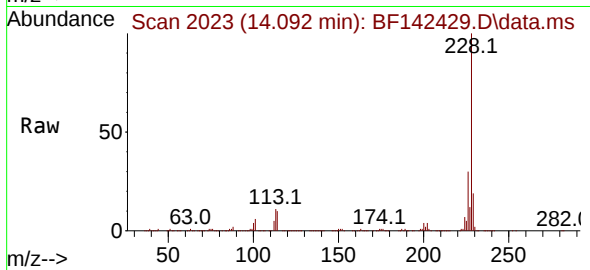
Tgt Ion:228 Resp: 719755

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.881 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

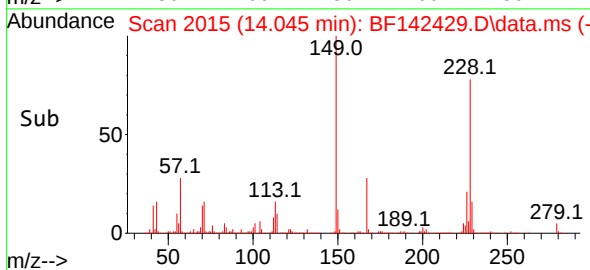
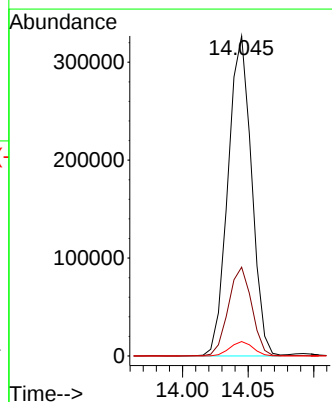
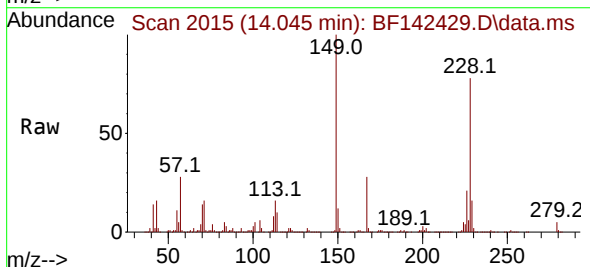
Tgt Ion:149 Resp: 408134

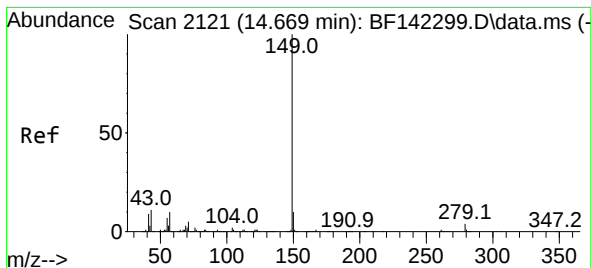
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.645 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

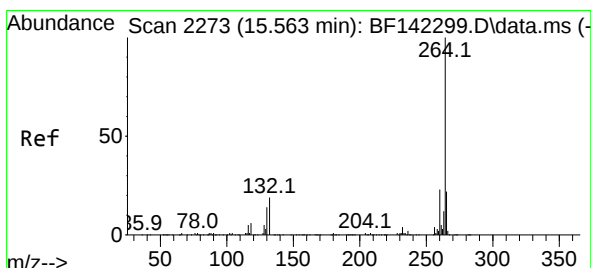
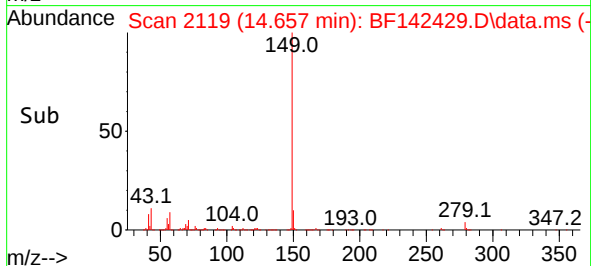
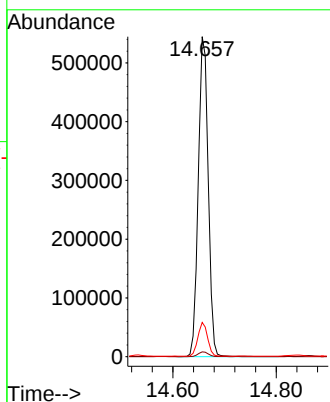
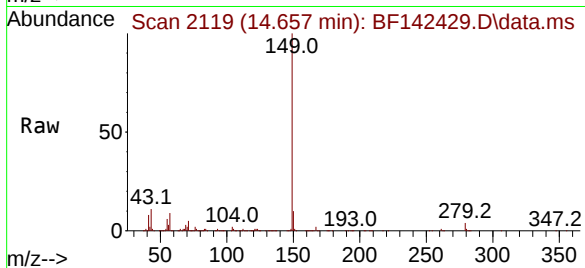
Tgt Ion:149 Resp: 724232

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

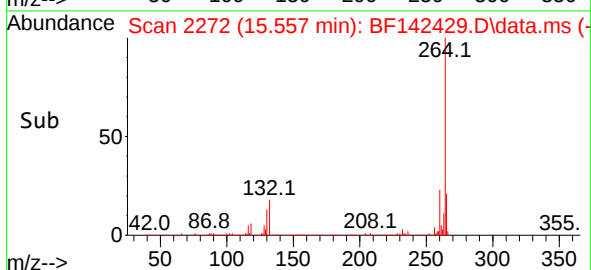
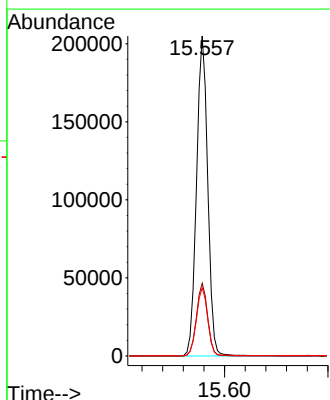
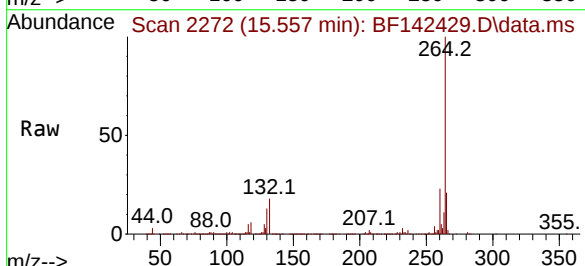
Tgt Ion:264 Resp: 307593

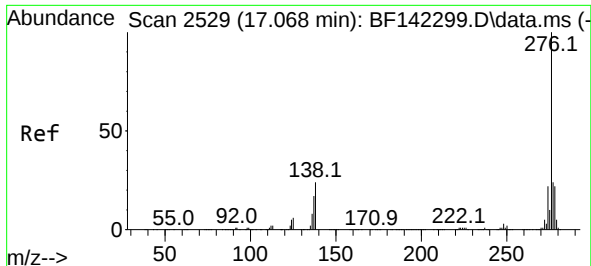
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.3 17.5 26.3

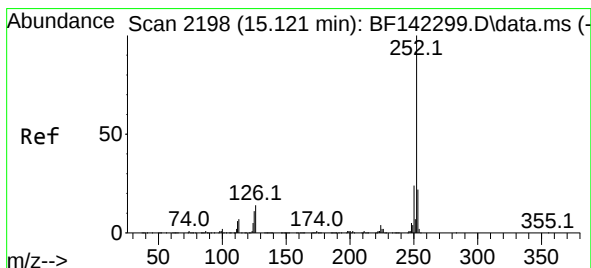
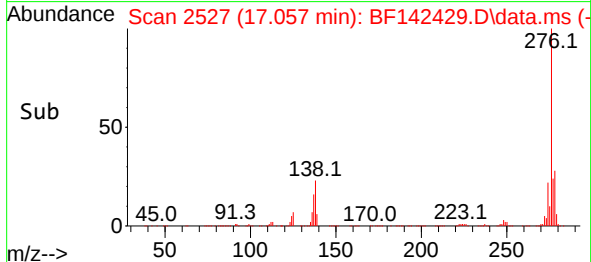
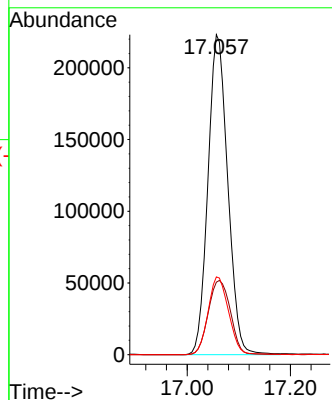
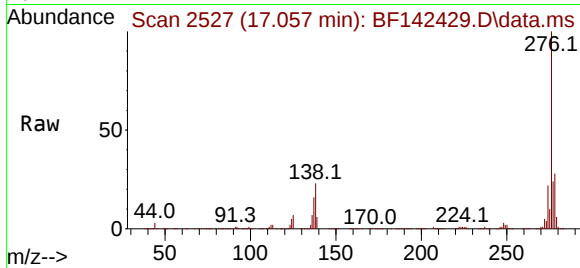




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 27.705 ng  
 RT: 17.057 min Scan# 2197  
 Delta R.T. -0.012 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

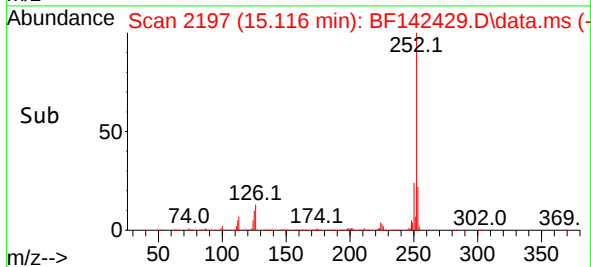
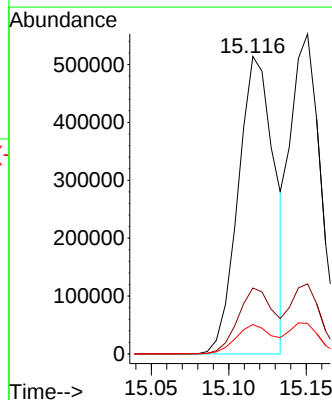
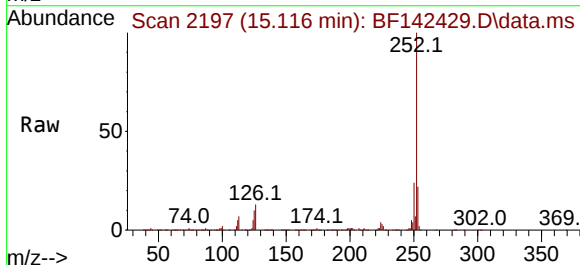
Instrument :  
 BNA\_F  
 ClientSampleId :  
 L3-WC-1MSD

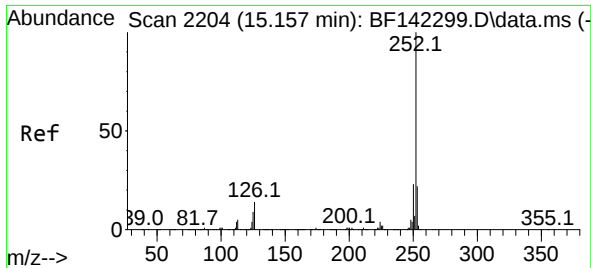
Tgt Ion:276 Resp: 592806  
 Ion Ratio Lower Upper  
 276 100  
 138 26.1 22.0 33.0  
 277 25.3 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 44.741 ng  
 RT: 15.116 min Scan# 2197  
 Delta R.T. -0.006 min  
 Lab File: BF142429.D  
 Acq: 16 May 2025 16:15

Tgt Ion:252 Resp: 833513  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.7 26.5  
 125 9.9 8.7 13.1

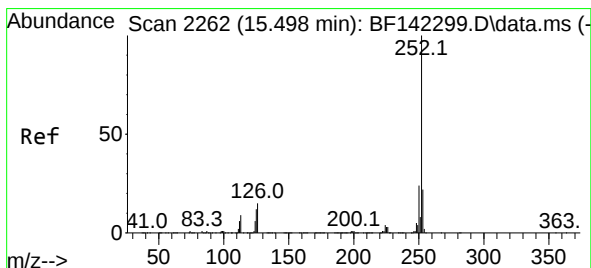
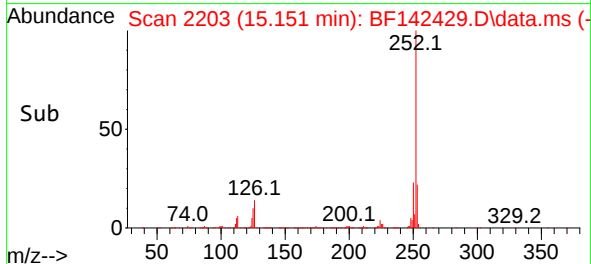
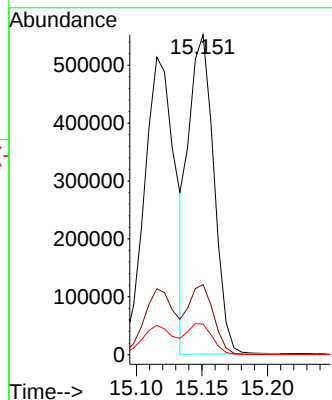
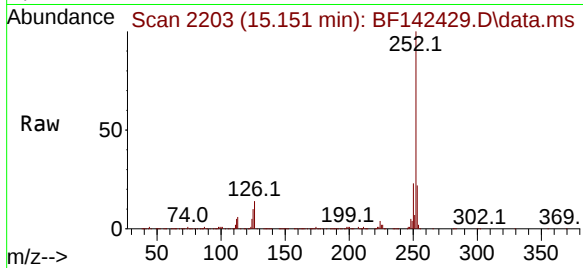




#89  
Benzo(k)fluoranthene  
Concen: 43.130 ng  
RT: 15.151 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

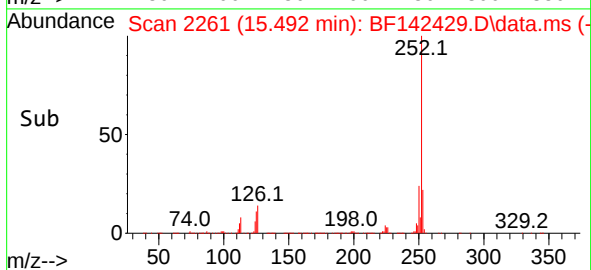
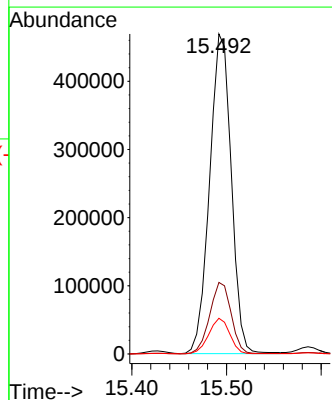
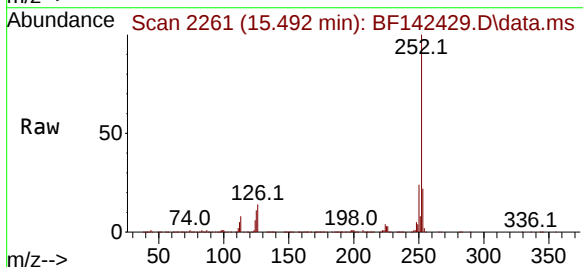
Instrument :  
BNA\_F  
ClientSampleId :  
L3-WC-1MSD

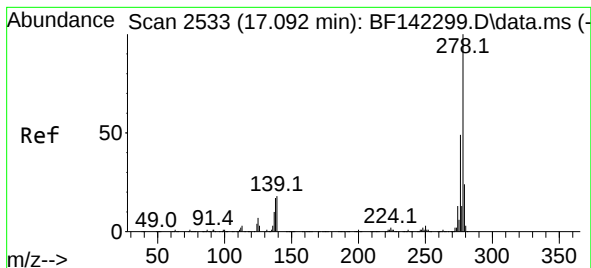
Tgt Ion:252 Resp: 735304  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 9.6 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 44.597 ng  
RT: 15.492 min Scan# 2261  
Delta R.T. -0.006 min  
Lab File: BF142429.D  
Acq: 16 May 2025 16:15

Tgt Ion:252 Resp: 744506  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 11.2 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 27.409 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA\_F

ClientSampleId :

L3-WC-1MSD

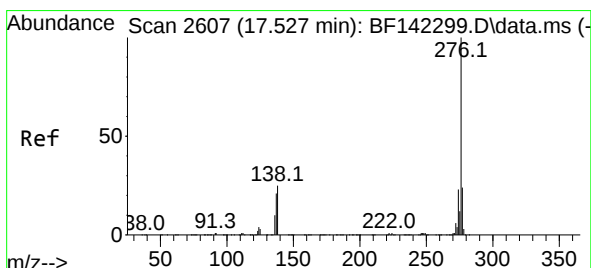
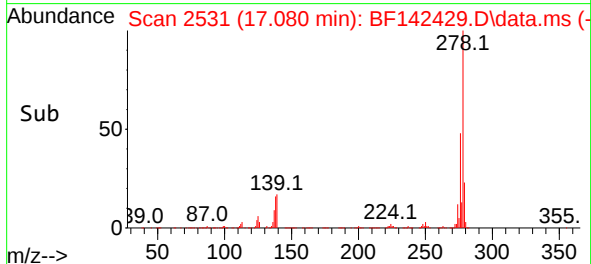
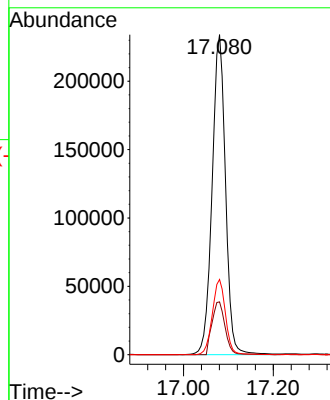
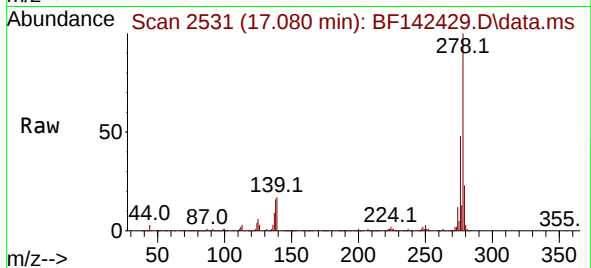
Tgt Ion:278 Resp: 484525

Ion Ratio Lower Upper

278 100

139 16.5 14.5 21.7

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 25.050 ng

RT: 17.515 min Scan# 2605

Delta R.T. -0.012 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Tgt Ion:276 Resp: 439500

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 22.5 19.8 29.6

