

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112025\  
 Data File : BF144304.D  
 Acq On : 20 Nov 2025 19:56  
 Operator : RC/JU  
 Sample : Q3662-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

Quant Time: Nov 21 00:00:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 44073    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.145  | 136  | 159722   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 80476    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 143551   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 118518   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 95287    | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 216046   | 76.710 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 237752   | 74.502 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 145188   | 52.500 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 71402    | 70.703 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 288328   | 52.915 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 336714   | 45.127 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 62924    | 54.041 | ng    | 100      |
| 3) Pyridine                   | 3.434  | 79   | 161142   | 49.605 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 91656    | 54.016 | ng    | 94       |
| 6) Aniline                    | 6.528  | 93   | 63599    | 13.988 | ng    | # 77     |
| 8) 2-Chlorophenol             | 6.651  | 128  | 134540   | 48.711 | ng    | 97       |
| 9) Benzaldehyde               | 6.416  | 77   | 75790    | 42.059 | ng    | 97       |
| 10) Phenol                    | 6.510  | 94   | 183480   | 47.059 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 145578   | 51.241 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 170495   | 50.025 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 171549   | 50.241 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 161736   | 49.419 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 125227   | 49.558 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 255861   | 48.905 | ng    | 90       |
| 17) 2-Methylphenol            | 7.122  | 107  | 103587   | 47.143 | ng    | 95       |
| 18) Hexachloroethane          | 7.375  | 117  | 50922    | 44.889 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 99491    | 47.359 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 121115   | 46.759 | ng    | # 89     |
| 22) Acetophenone              | 7.269  | 105  | 178859   | 52.200 | ng    | 99       |
| 24) Nitrobenzene              | 7.445  | 77   | 149955   | 49.940 | ng    | 98       |
| 25) Isophorone                | 7.686  | 82   | 260987   | 49.892 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 63088    | 42.444 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 121255   | 54.427 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 167610   | 51.311 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 116177   | 45.245 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 131220   | 49.767 | ng    | 98       |
| 31) Naphthalene               | 8.169  | 128  | 365391   | 48.092 | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 60719    | 37.181 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 35395    | 12.773 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 91193    | 45.892 | ng    | 99       |
| 35) Caprolactam               | 8.586  | 113  | 33639    | 47.818 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 101868   | 44.267 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 216643   | 42.648 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 219367   | 44.755 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 130774   | 49.583 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 24474    | 32.525 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 88455    | 49.276 | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112025\  
 Data File : BF144304.D  
 Acq On : 20 Nov 2025 19:56  
 Operator : RC/JU  
 Sample : Q3662-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

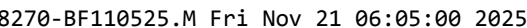
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

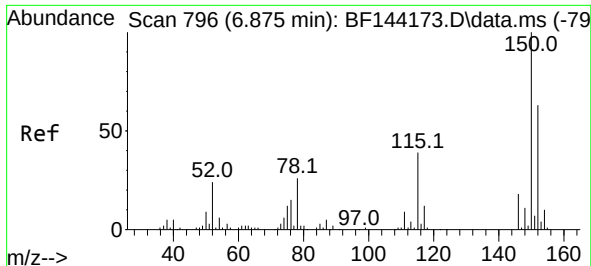
Quant Time: Nov 21 00:00:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 88549    | 45.769 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 286108   | 50.932 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 234340   | 48.905 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 73544    | 53.193 | ng    | 96       |
| 49) Acenaphthylene            | 9.763  | 152  | 354918   | 54.353 | ng    | 100      |
| 50) Dimethylphthalate         | 9.622  | 163  | 276955   | 51.948 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 53802    | 49.852 | ng    | 97       |
| 52) Acenaphthene              | 9.939  | 154  | 188975   | 43.277 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 41951    | 35.559 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 3170     | 4.864  | ng    | # 77     |
| 55) Dibenzofuran              | 10.110 | 168  | 289563   | 47.348 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 81615    | 95.634 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 71296    | 49.347 | ng    | 99       |
| 58) Fluorene                  | 10.451 | 166  | 230887   | 49.656 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232  | 68953    | 50.374 | ng    | 99       |
| 60) Diethylphthalate          | 10.322 | 149  | 248556   | 50.574 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 122013   | 46.067 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 56885    | 50.631 | ng    | 91       |
| 63) Azobenzene                | 10.604 | 77   | 238195   | 52.076 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 5198     | 5.330  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 221308   | 47.933 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 77760    | 42.439 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 97531    | 45.191 | ng    | 96       |
| 69) Atrazine                  | 11.092 | 200  | 71134    | 48.446 | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 93796    | 87.276 | ng    | 96       |
| 71) Phenanthrene              | 11.422 | 178  | 358878   | 50.212 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 358424   | 49.319 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 324871   | 52.570 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 378182   | 50.622 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 448484   | 60.745 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 130966   | 37.358 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 464531   | 48.612 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 176348   | 53.245 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 429096   | 52.238 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 102915   | 36.552 | ng    | 98       |
| 83) Chrysene                  | 14.068 | 228  | 393684   | 51.918 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 243198   | 53.640 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 400302   | 51.173 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 275395   | 40.262 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 331622   | 61.216 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.115 | 252  | 286930   | 56.588 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.462 | 252  | 272478   | 54.521 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 216932   | 39.490 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 224326   | 41.353 | ng    | 98       |

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

Quant Time: Nov 21 00:00:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 05 18:37:33 2025  
Response via : Initial Calibration

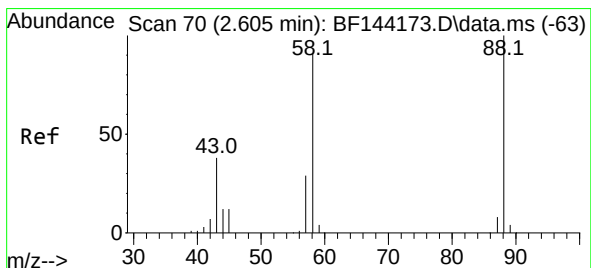
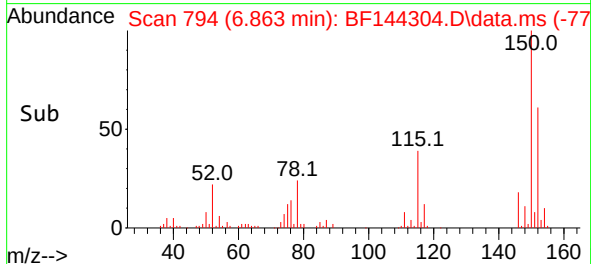
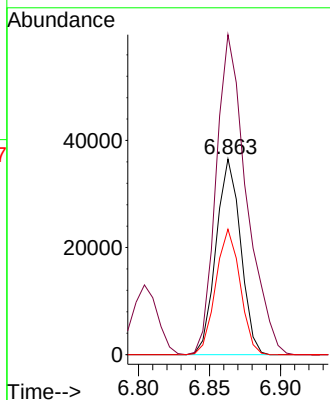
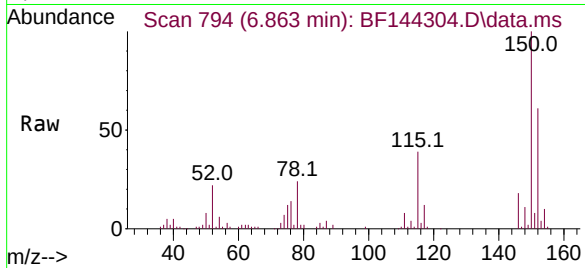




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 79  
 Delta R.T. -0.012 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

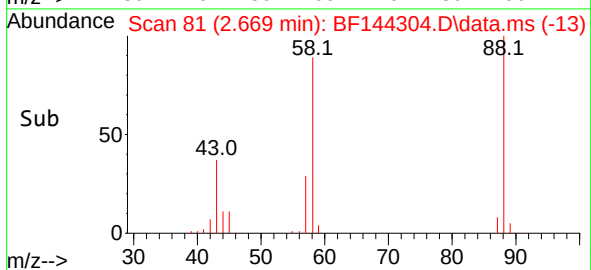
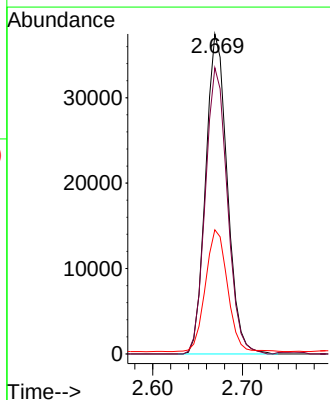
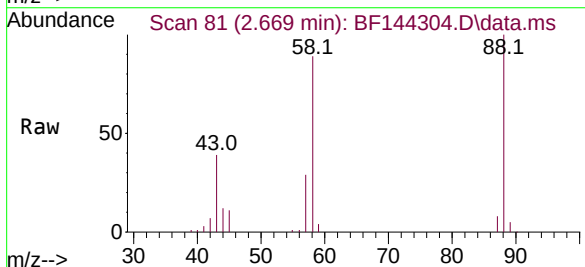
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

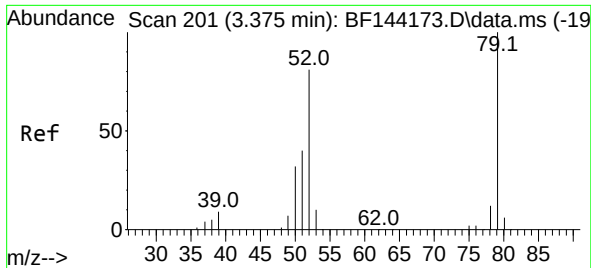
Tgt Ion:152 Resp: 44073  
 Ion Ratio Lower Upper  
 152 100  
 150 163.6 127.4 191.0  
 115 64.1 49.5 74.3



#2  
 1,4-Dioxane  
 Concen: 54.041 ng  
 RT: 2.669 min Scan# 81  
 Delta R.T. 0.053 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

Tgt Ion: 88 Resp: 62924  
 Ion Ratio Lower Upper  
 88 100  
 58 91.3 73.1 109.7  
 43 38.8 31.0 46.6

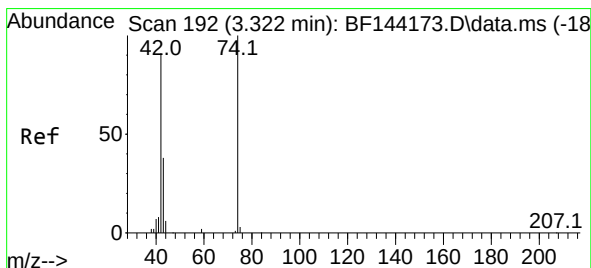
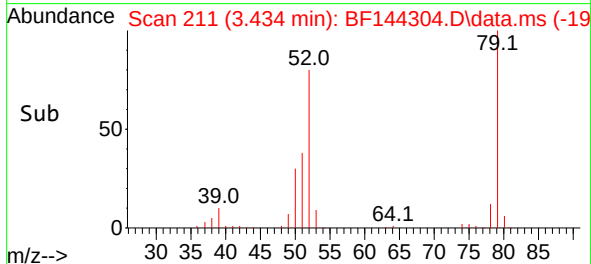
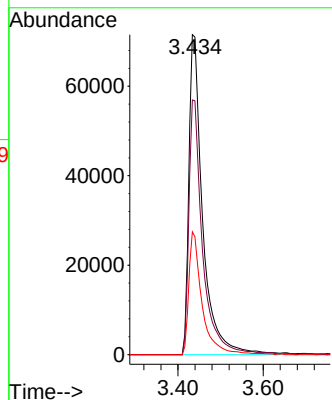
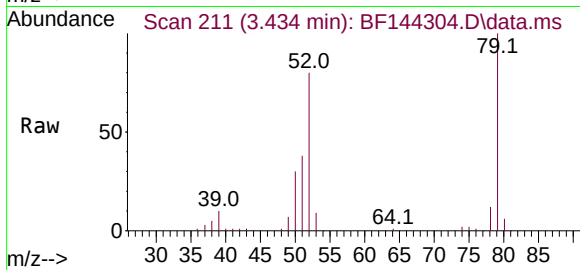




#3  
Pyridine  
Concen: 49.605 ng  
RT: 3.434 min Scan# 211  
Delta R.T. 0.023 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

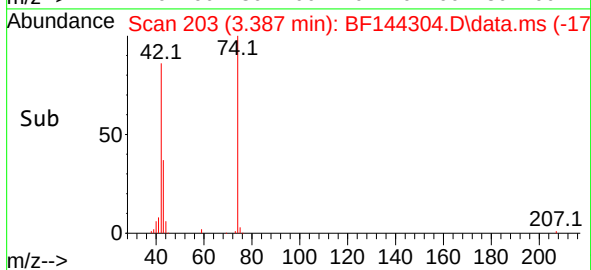
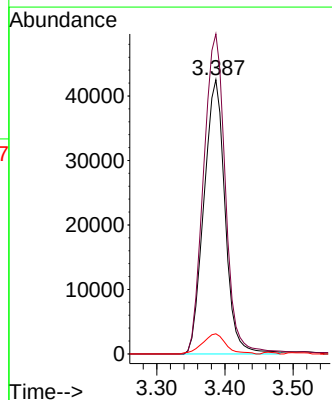
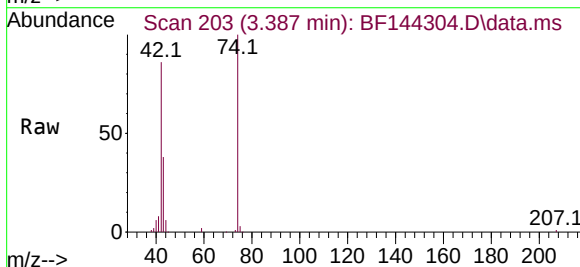
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

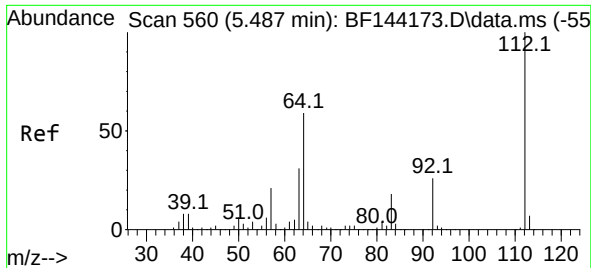
Tgt Ion: 79 Resp: 161142  
Ion Ratio Lower Upper  
79 100  
52 79.6 64.5 96.7  
51 38.4 31.7 47.5



#4  
n-Nitrosodimethylamine  
Concen: 54.016 ng  
RT: 3.387 min Scan# 203  
Delta R.T. 0.041 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion: 42 Resp: 91656  
Ion Ratio Lower Upper  
42 100  
74 116.7 88.2 132.4  
44 7.3 5.7 8.5

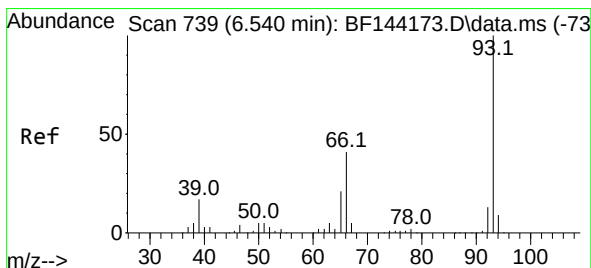
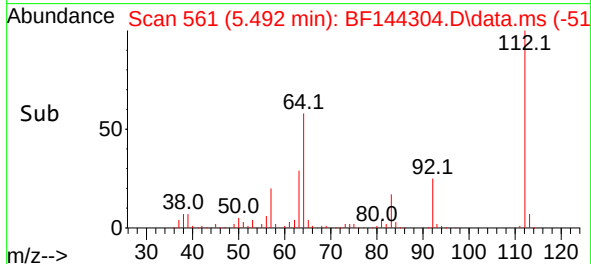
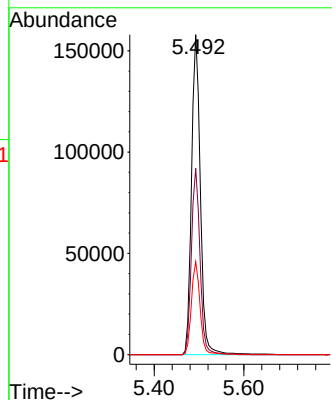
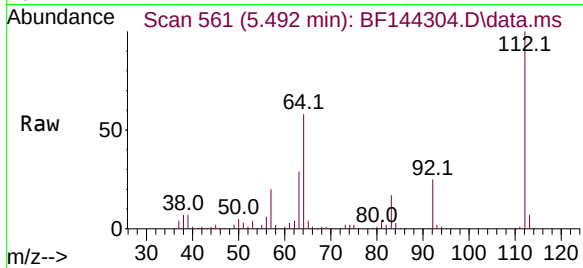




#5  
2-Fluorophenol  
Concen: 76.710 ng  
RT: 5.492 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

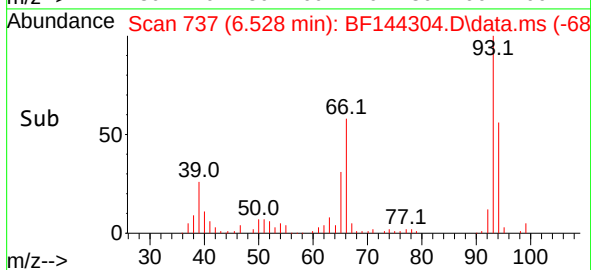
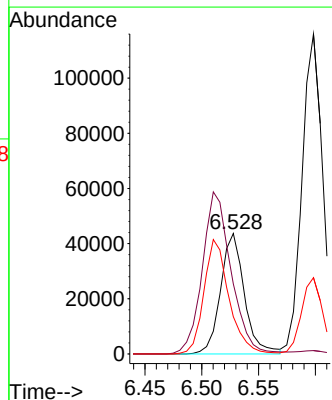
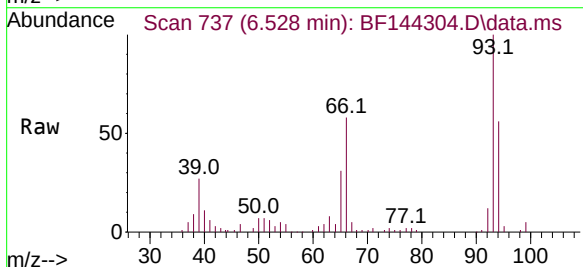
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

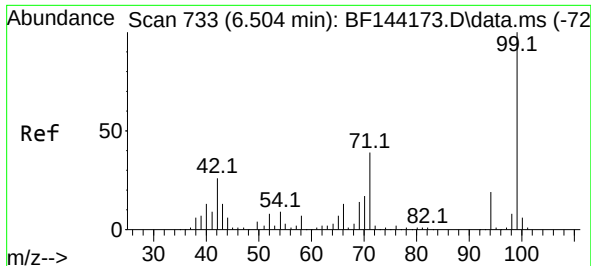
Tgt Ion:112 Resp: 216046  
Ion Ratio Lower Upper  
112 100  
64 58.2 47.2 70.8  
63 29.0 24.4 36.6



#6  
Aniline  
Concen: 13.988 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion: 93 Resp: 63599  
Ion Ratio Lower Upper  
93 100  
66 58.2 34.3 51.5#  
65 30.8 16.9 25.3#

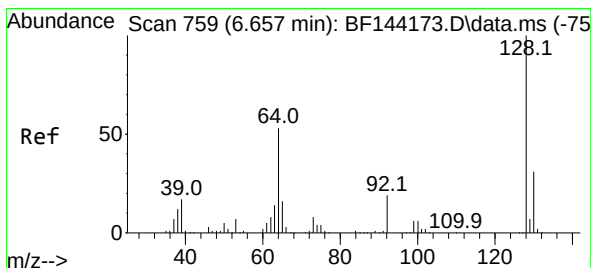
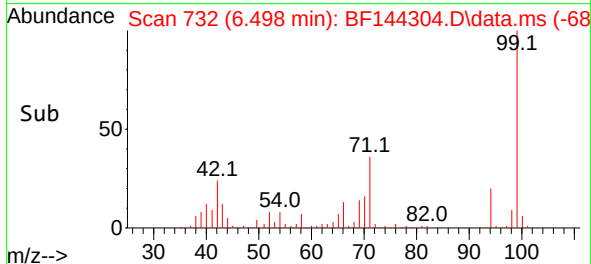
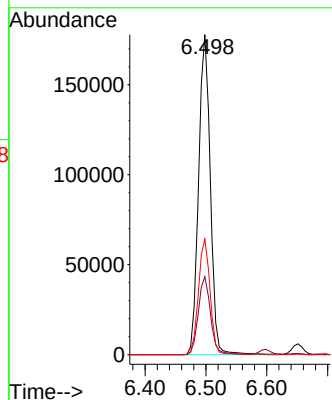
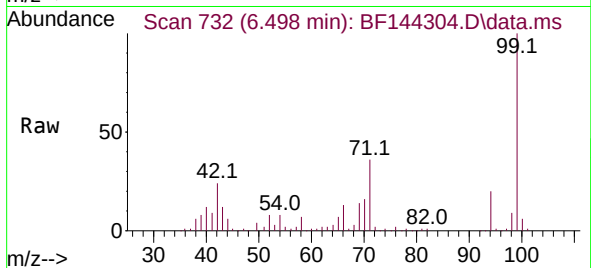




#7  
Phenol-d6  
Concen: 74.502 ng  
RT: 6.498 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

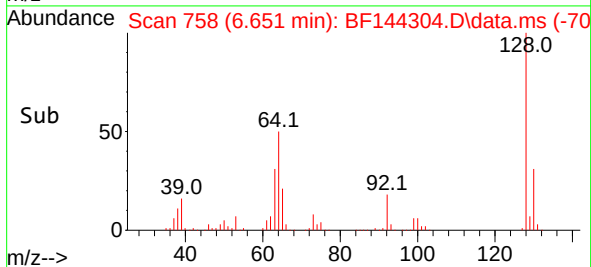
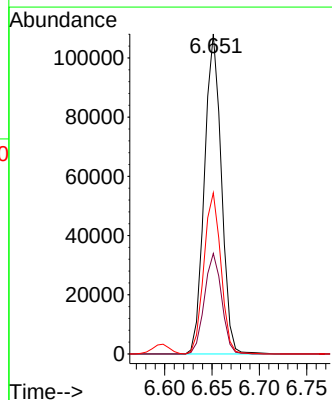
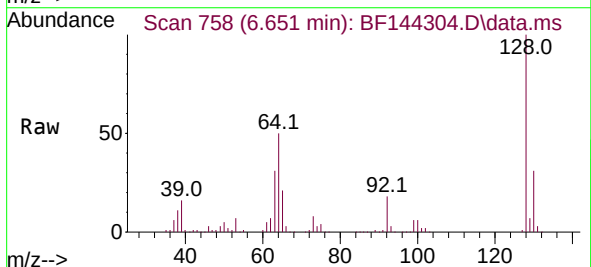
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

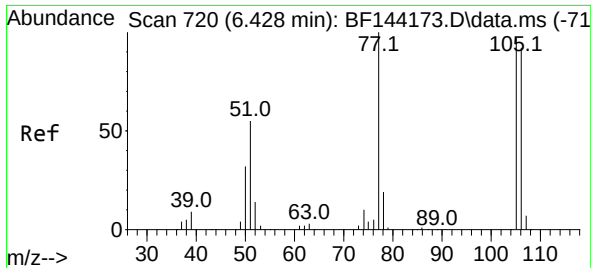
Tgt Ion: 99 Resp: 237752  
Ion Ratio Lower Upper  
99 100  
42 24.3 20.9 31.3  
71 36.1 31.4 47.2



#8  
2-Chlorophenol  
Concen: 48.711 ng  
RT: 6.651 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:128 Resp: 134540  
Ion Ratio Lower Upper  
128 100  
130 31.4 10.5 50.5  
64 50.3 33.2 73.2

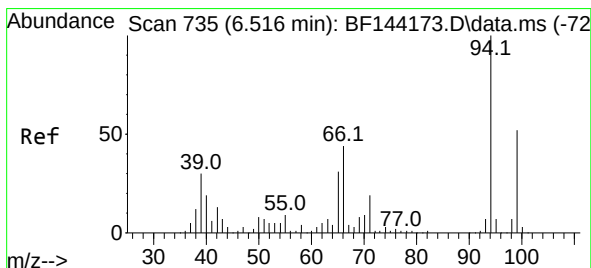
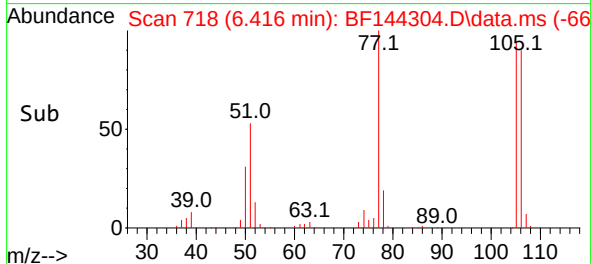
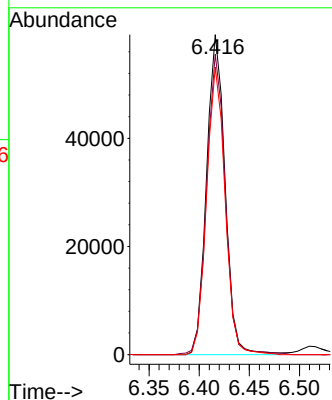
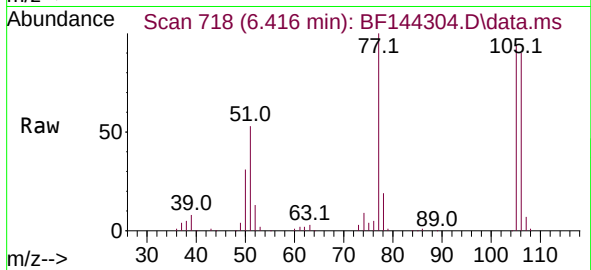




#9  
Benzaldehyde  
Concen: 42.059 ng  
RT: 6.416 min Scan# 718  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

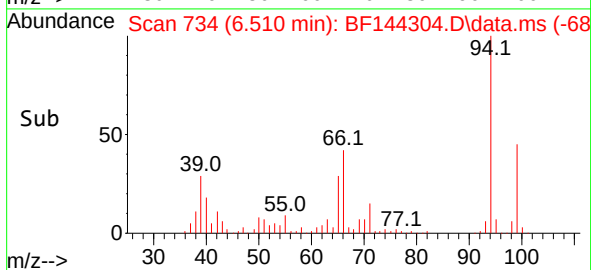
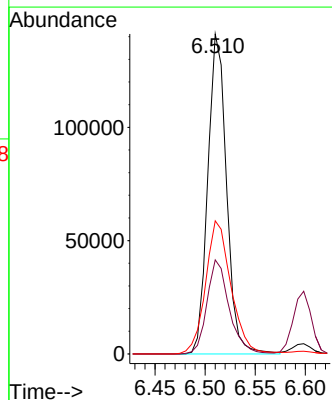
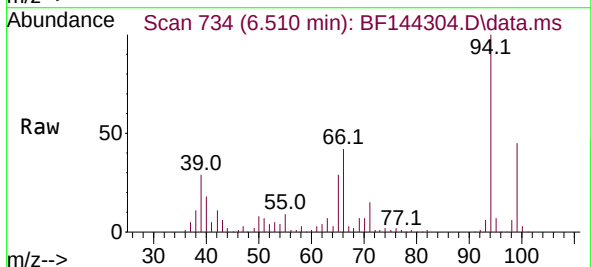
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

Tgt Ion: 77 Resp: 75790  
Ion Ratio Lower Upper  
77 100  
105 93.9 77.2 117.2  
106 89.8 72.2 112.2

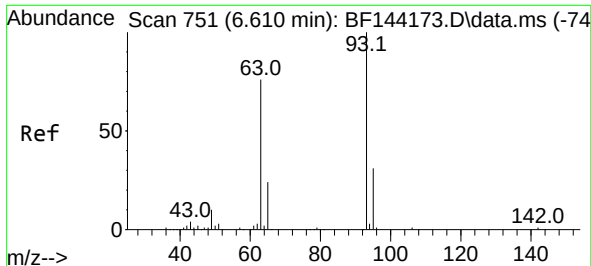


#10  
Phenol  
Concen: 47.059 ng  
RT: 6.510 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion: 94 Resp: 183480  
Ion Ratio Lower Upper  
94 100  
65 29.4 10.8 50.8  
66 41.6 24.3 64.3



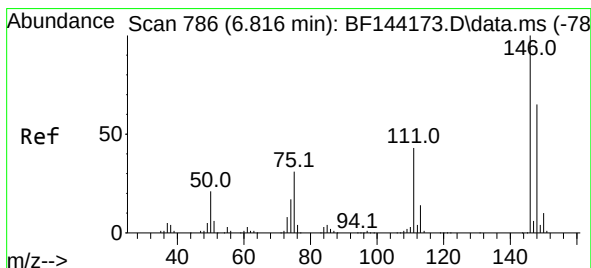
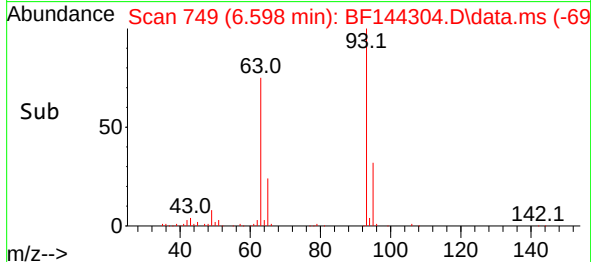
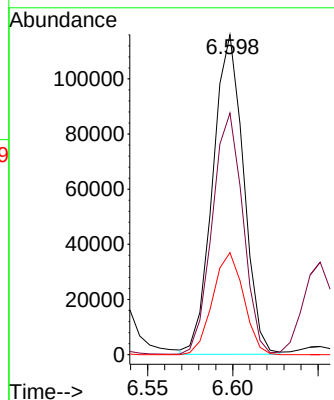
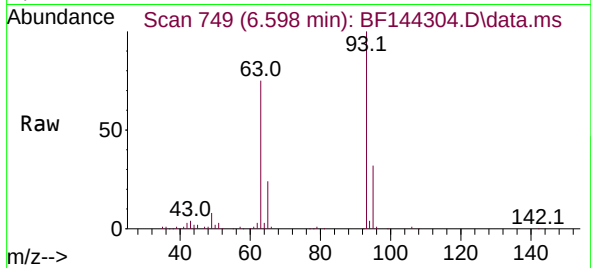




#11  
bis(2-Chloroethyl)ether  
Concen: 51.241 ng  
RT: 6.598 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

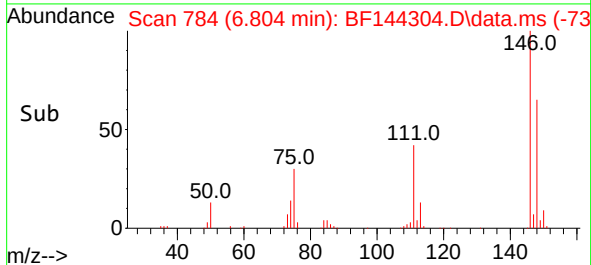
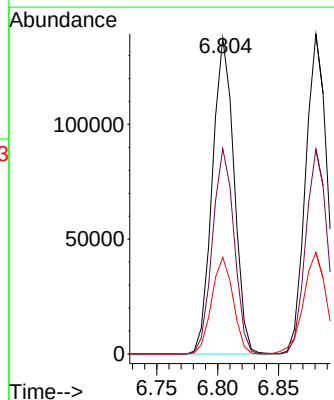
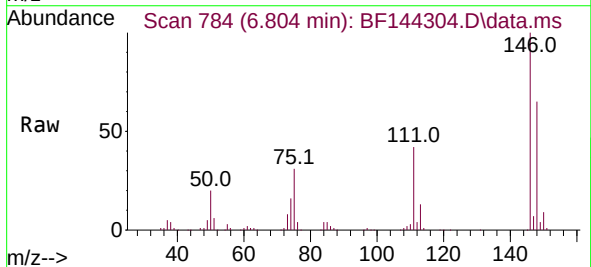
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

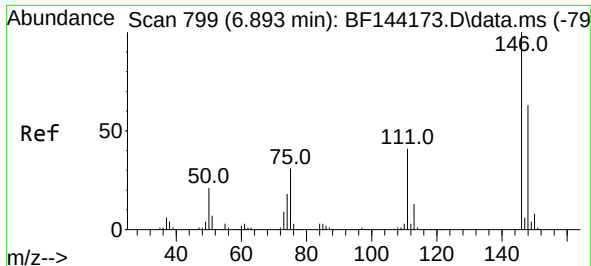
Tgt Ion: 93 Resp: 145578  
Ion Ratio Lower Upper  
93 100  
63 75.5 55.2 95.2  
95 31.9 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 50.025 ng  
RT: 6.804 min Scan# 784  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:146 Resp: 170495  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 30.6 25.0 37.4

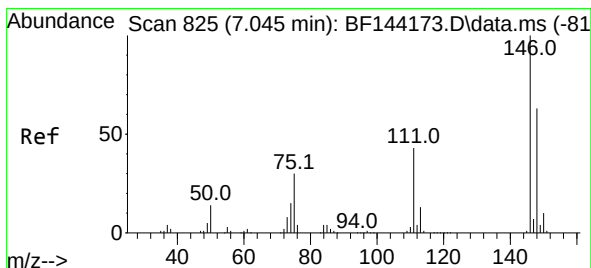
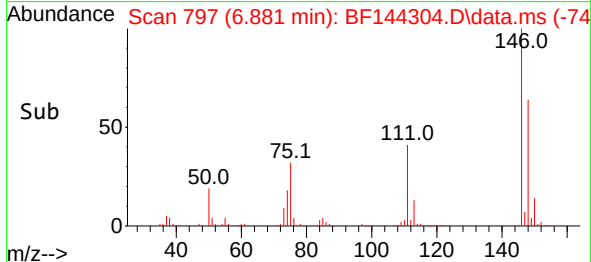
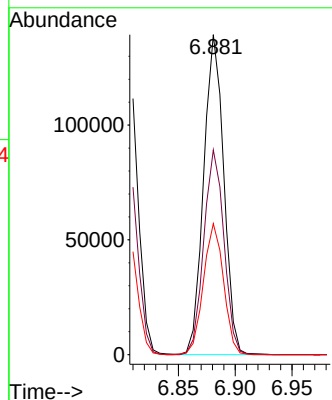
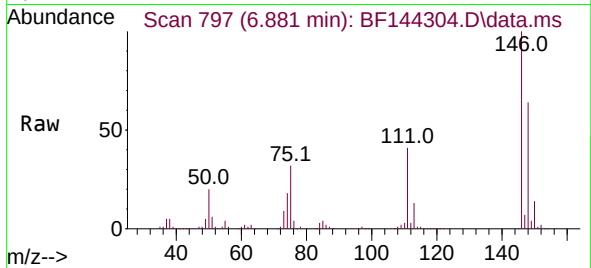




#13  
1,4-Dichlorobenzene  
Concen: 50.241 ng  
RT: 6.881 min Scan# 799  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

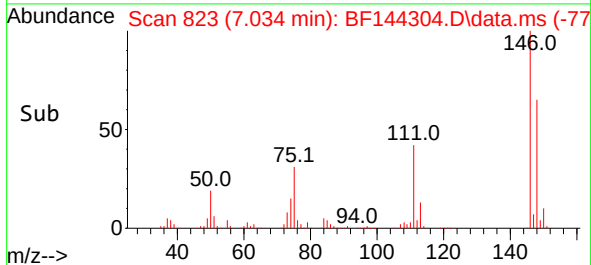
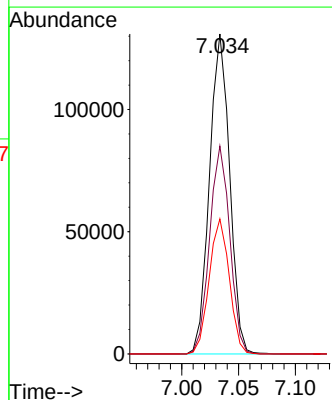
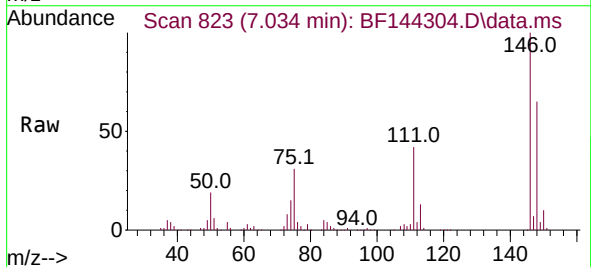
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

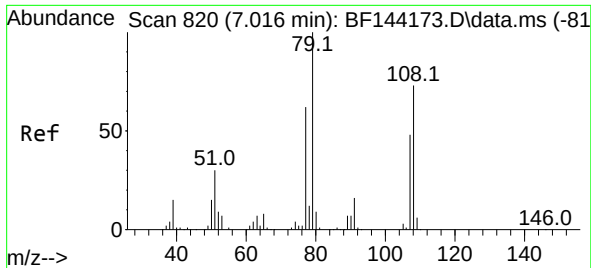
Tgt Ion:146 Resp: 171549  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.2 75.2  
111 40.9 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 49.419 ng  
RT: 7.034 min Scan# 823  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:146 Resp: 161736  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.7 76.1  
111 42.2 34.2 51.4

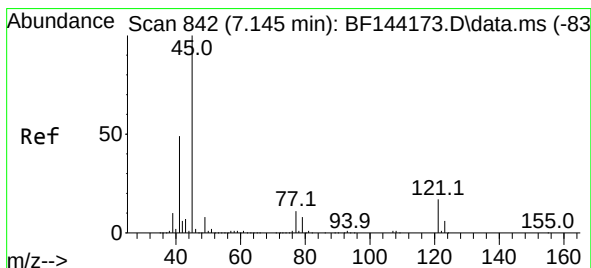
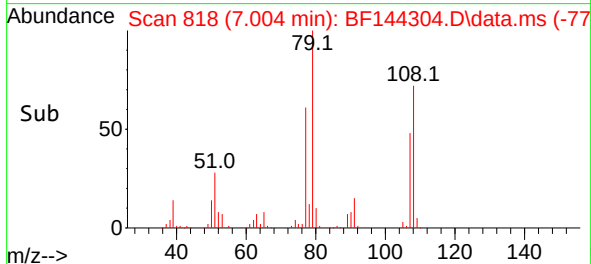
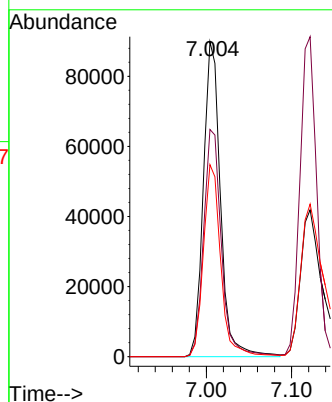
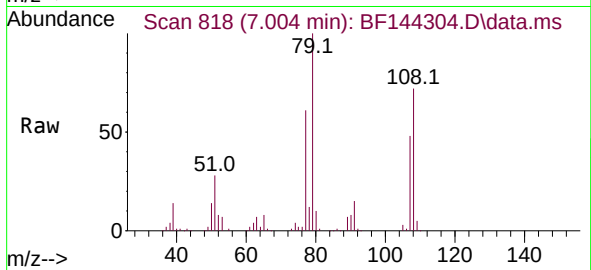




#15  
Benzyl Alcohol  
Concen: 49.558 ng  
RT: 7.004 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

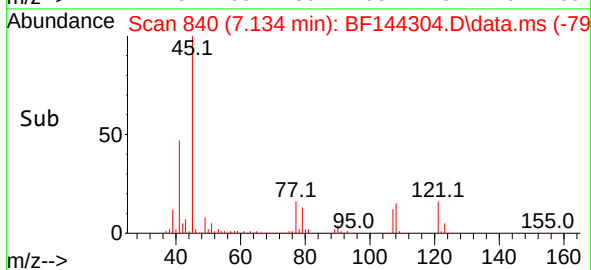
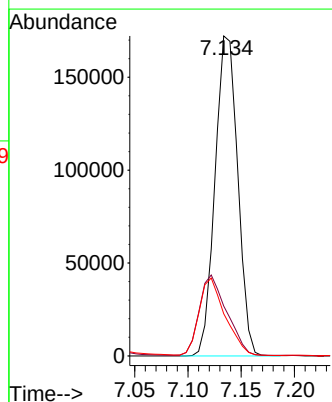
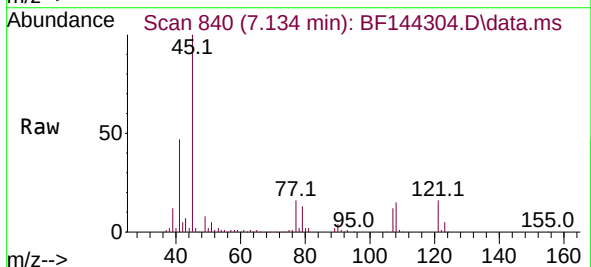
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

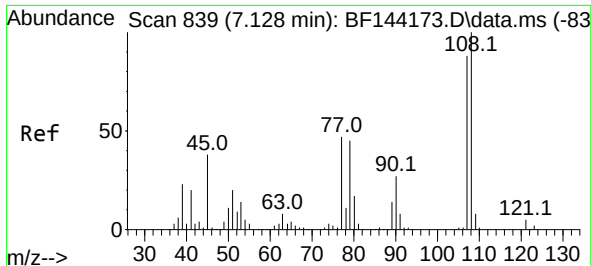
Tgt Ion: 79 Resp: 125227  
Ion Ratio Lower Upper  
79 100  
108 72.1 58.2 87.4  
77 61.0 49.9 74.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 48.905 ng  
RT: 7.134 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion: 45 Resp: 255861  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 31.8  
79 13.2 0.0 29.1

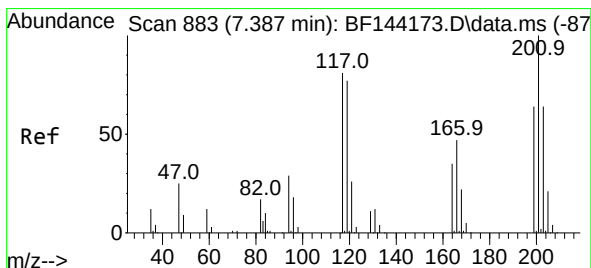
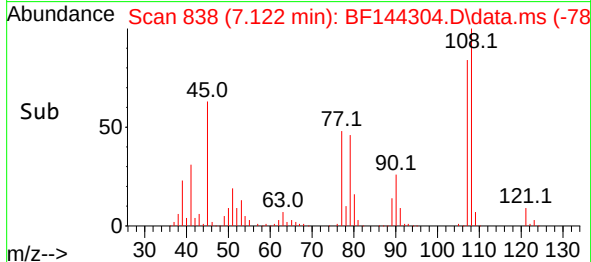
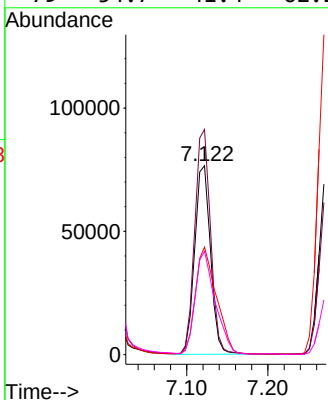
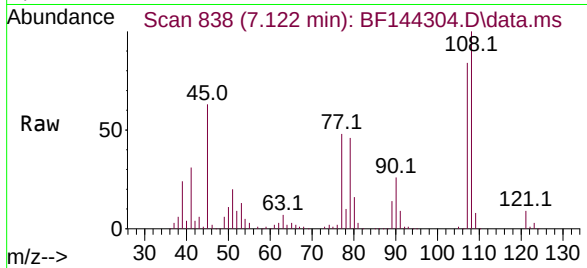




#17  
2-Methylphenol  
Concen: 47.143 ng  
RT: 7.122 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

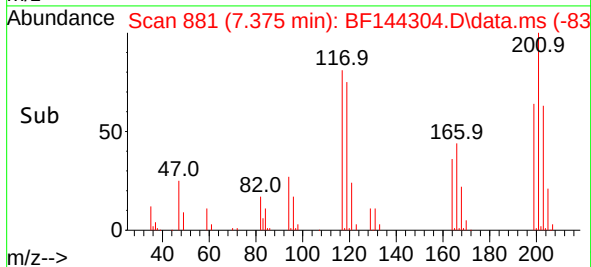
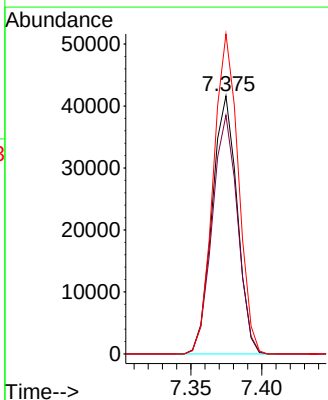
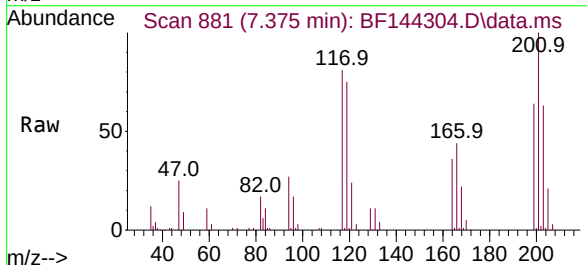
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

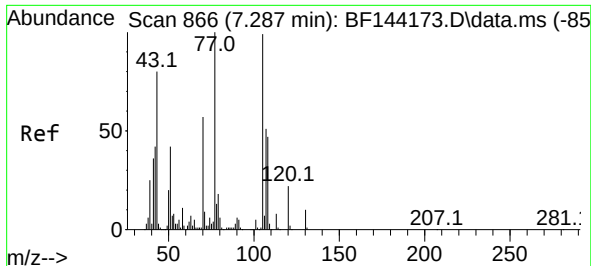
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 103587 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 119.2 | 91.0  | 136.4  |
| 77       | 56.9  | 42.7  | 64.1   |
| 79       | 54.7  | 41.4  | 62.2   |



#18  
Hexachloroethane  
Concen: 44.889 ng  
RT: 7.375 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50922 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.5  | 75.8  | 113.8 |
| 201      | 124.0 | 98.9  | 148.3 |

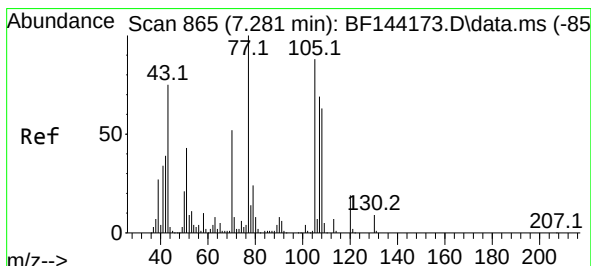
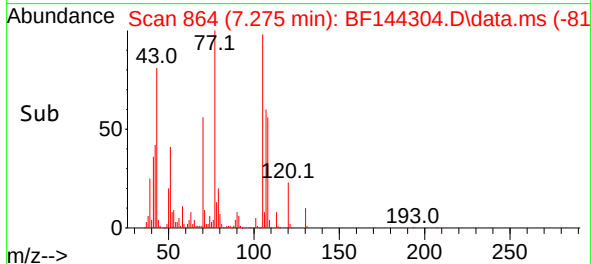
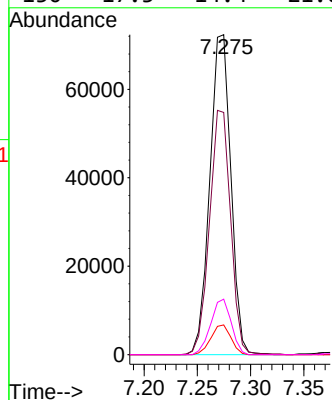
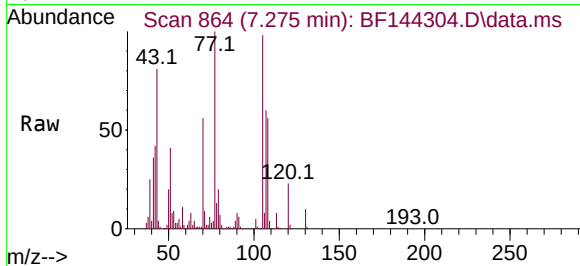




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.359 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

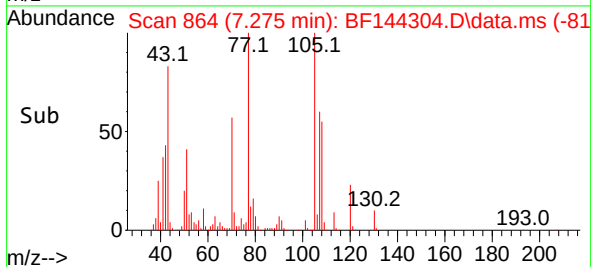
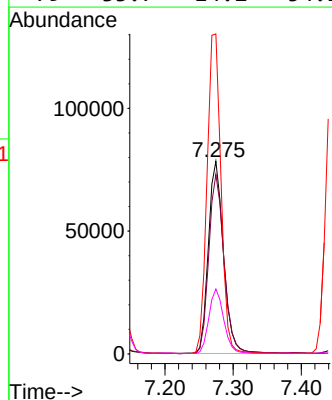
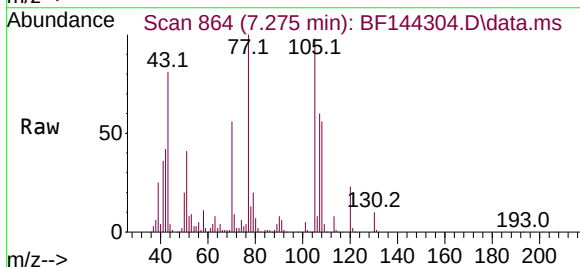
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

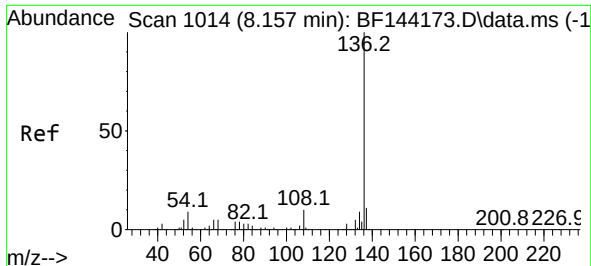
|             |                |
|-------------|----------------|
| Tgt Ion: 70 | Resp: 99491    |
| Ion Ratio   | Lower Upper    |
| 70          | 100            |
| 42          | 75.7 58.3 87.5 |
| 101         | 9.3 7.0 10.6   |
| 130         | 17.3 14.4 21.6 |



#20  
3+4-Methylphenols  
Concen: 46.759 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

|              |                    |
|--------------|--------------------|
| Tgt Ion: 107 | Resp: 121115       |
| Ion Ratio    | Lower Upper        |
| 107          | 100                |
| 108          | 93.2 70.2 110.2    |
| 77           | 166.2 123.9 163.9# |
| 79           | 33.7 14.2 54.2     |

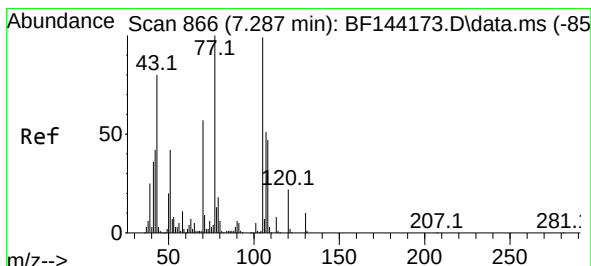
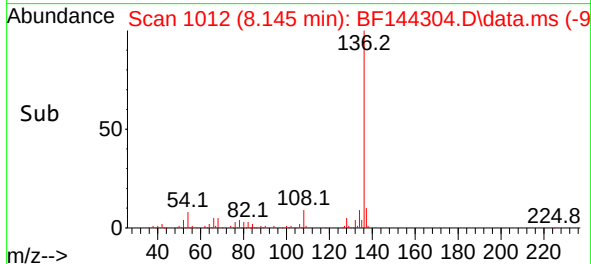
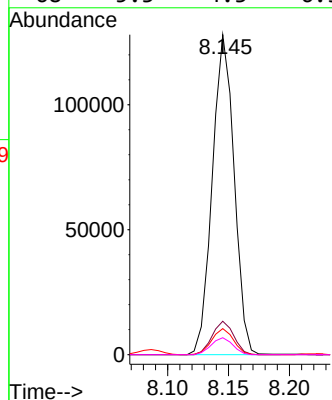
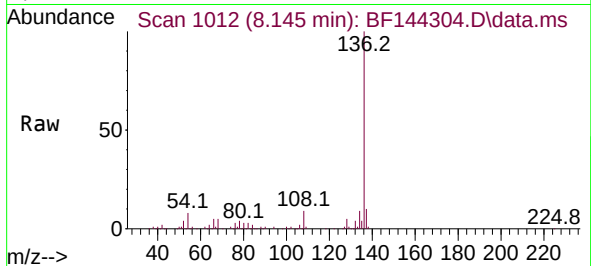




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

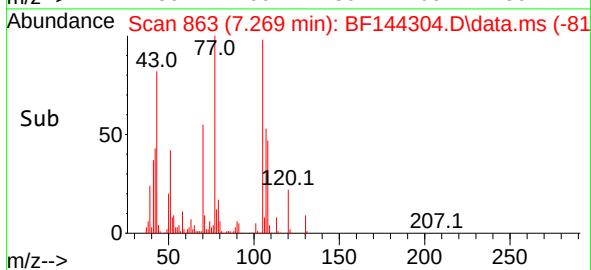
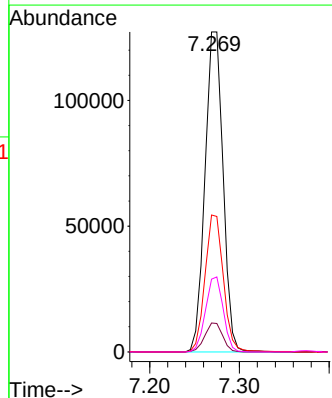
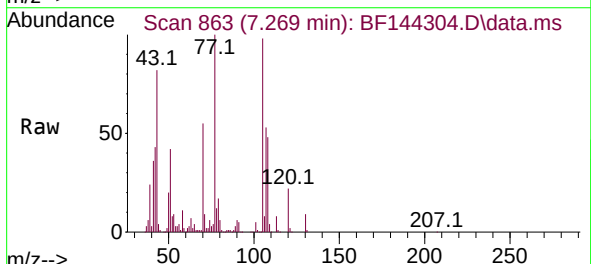
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

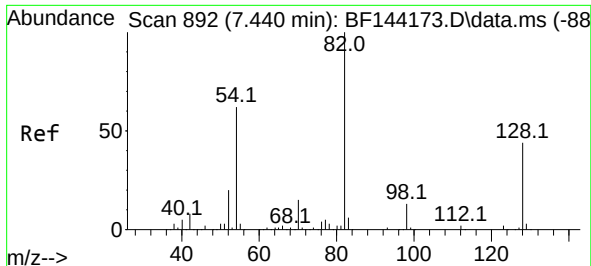
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 159722 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.4  | 8.6   | 13.0   |
| 54        | 8.1   | 7.0   | 10.6   |
| 68        | 5.3   | 4.3   | 6.5    |



#22  
Acetophenone  
Concen: 52.200 ng  
RT: 7.269 min Scan# 863  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 178859 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 9.0   | 7.2   | 10.8   |
| 51        | 42.8  | 34.0  | 51.0   |
| 120       | 22.7  | 17.8  | 26.6   |





#23

Nitrobenzene-d5

Concen: 52.500 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

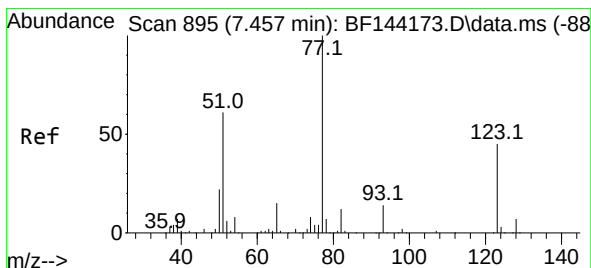
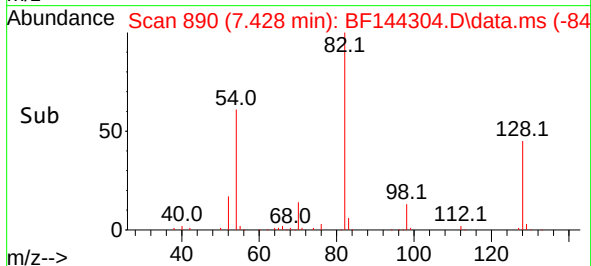
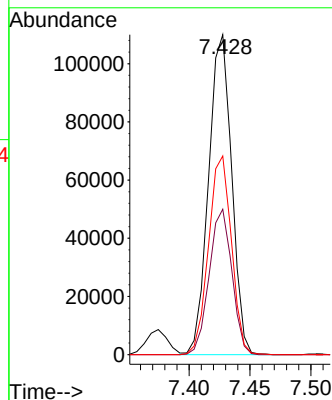
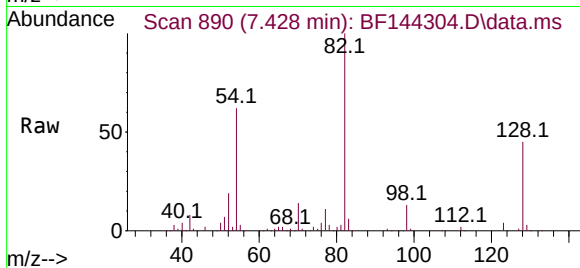
Tgt Ion: 82 Resp: 145188

Ion Ratio Lower Upper

82 100

128 45.4 34.7 52.1

54 62.1 49.5 74.3



#24

Nitrobenzene

Concen: 49.940 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

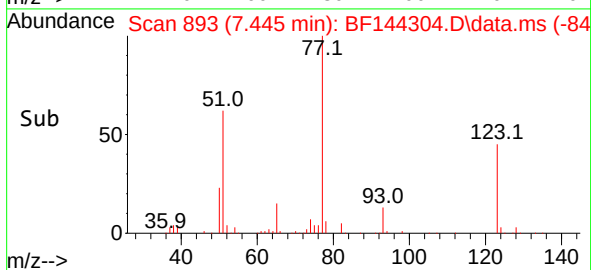
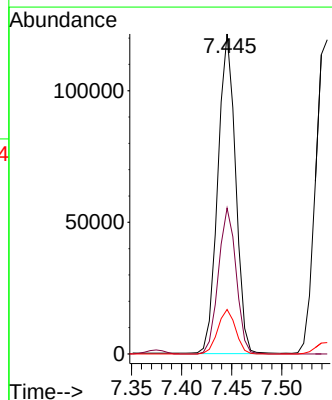
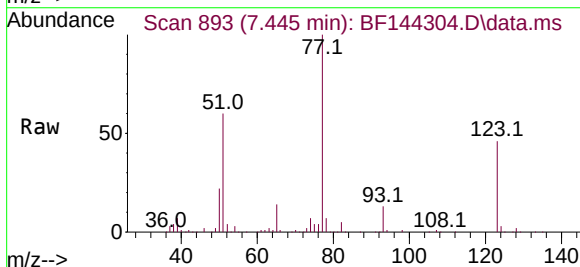
Tgt Ion: 77 Resp: 149955

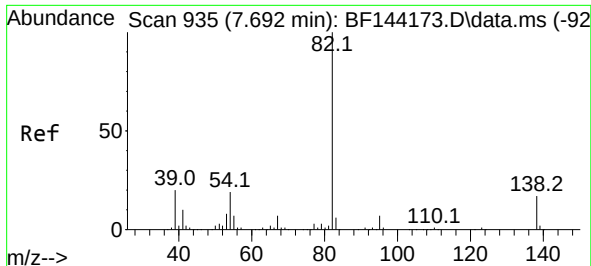
Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.8

65 13.9 12.2 18.2

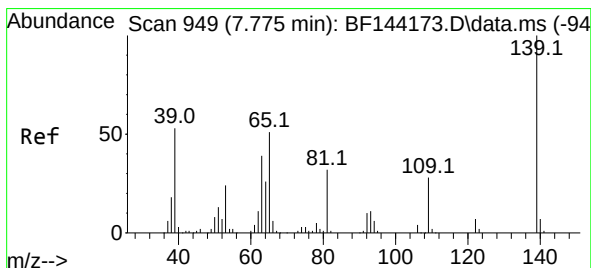
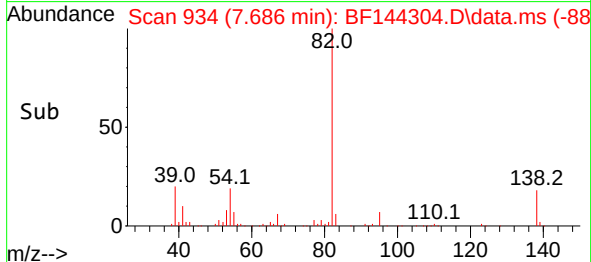
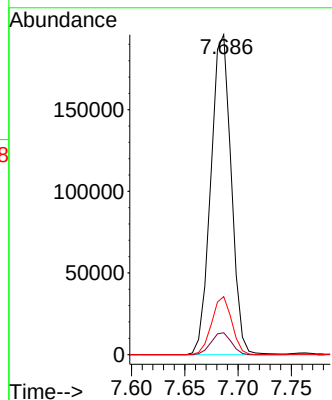
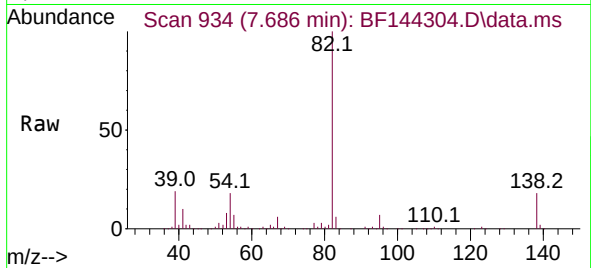




#25  
Isophorone  
Concen: 49.892 ng  
RT: 7.686 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

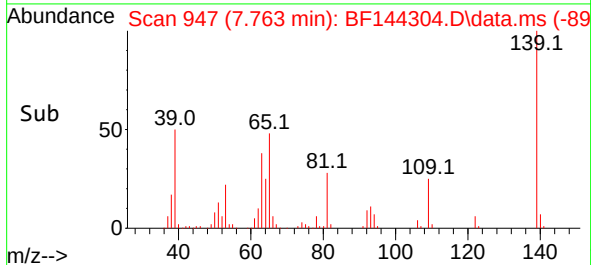
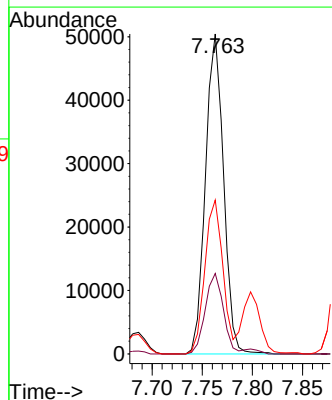
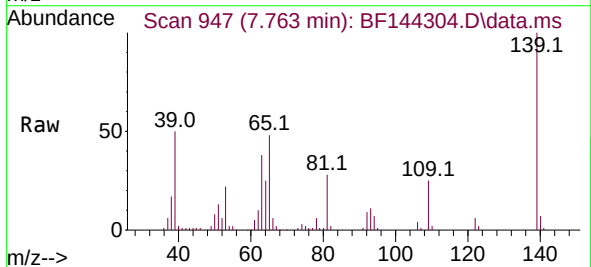
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

Tgt Ion: 82 Resp: 260987  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 18.1 13.7 20.5

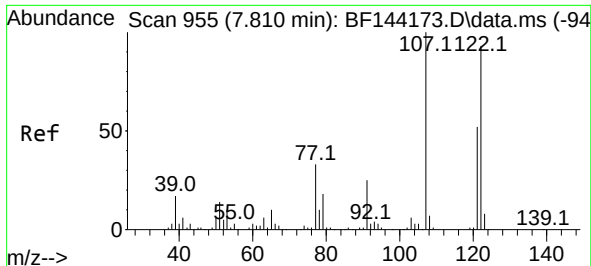


#26  
2-Nitrophenol  
Concen: 42.444 ng  
RT: 7.763 min Scan# 947  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:139 Resp: 63088  
Ion Ratio Lower Upper  
139 100  
109 25.1 22.2 33.2  
65 48.1 40.7 61.1



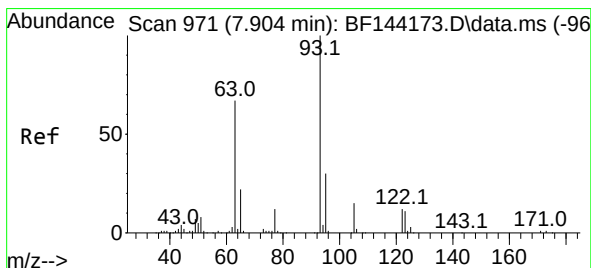
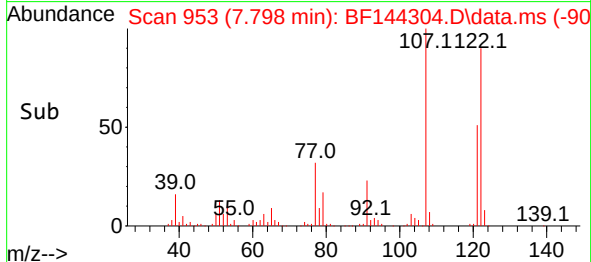
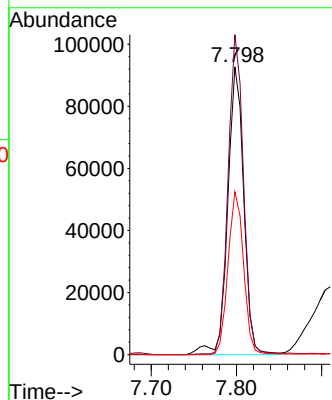
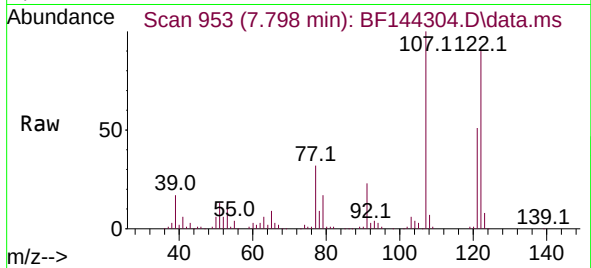




#27  
2,4-Dimethylphenol  
Concen: 54.427 ng  
RT: 7.798 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

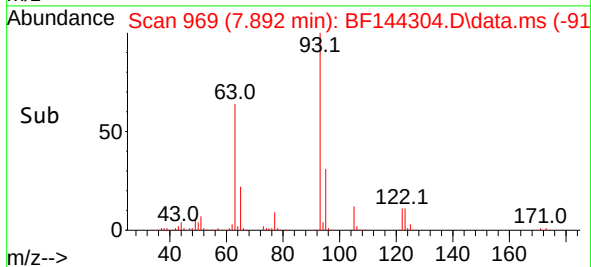
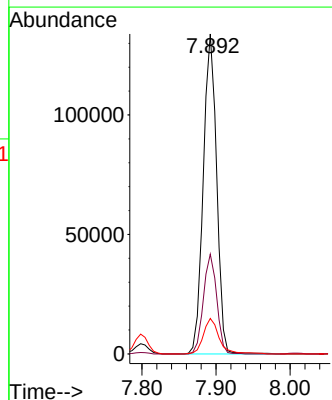
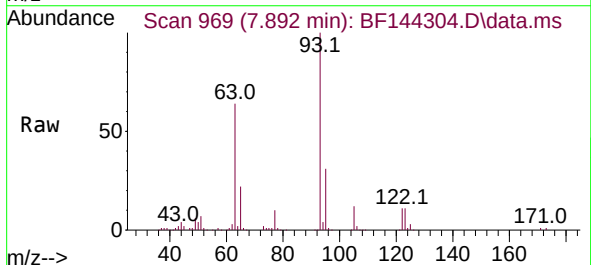
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

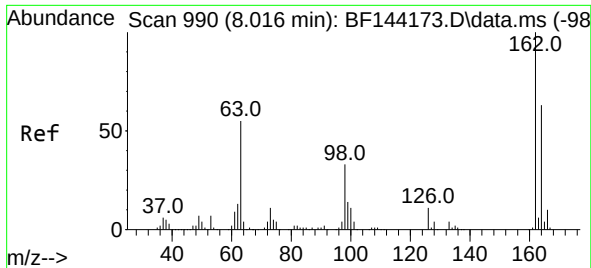
Tgt Ion:122 Resp: 121255  
Ion Ratio Lower Upper  
122 100  
107 111.2 86.2 129.4  
121 56.6 44.6 66.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.311 ng  
RT: 7.892 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion: 93 Resp: 167610  
Ion Ratio Lower Upper  
93 100  
95 31.2 24.2 36.4  
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.245 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

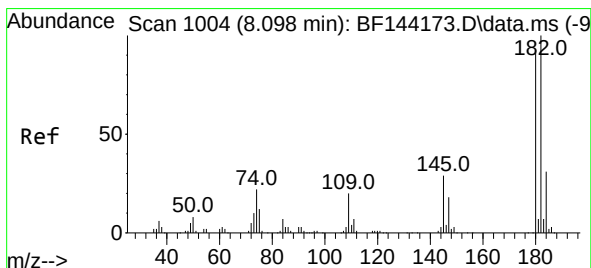
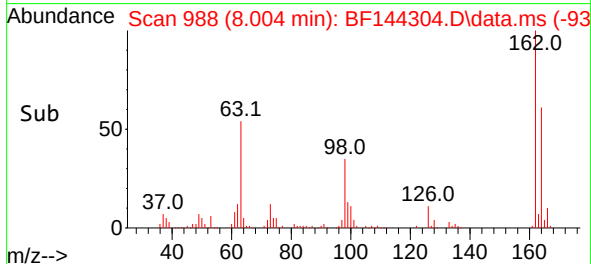
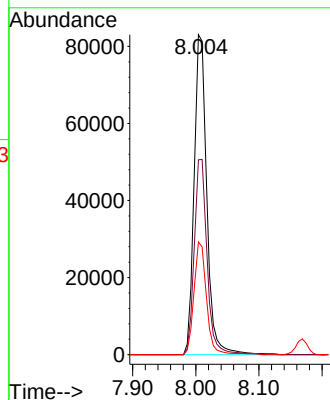
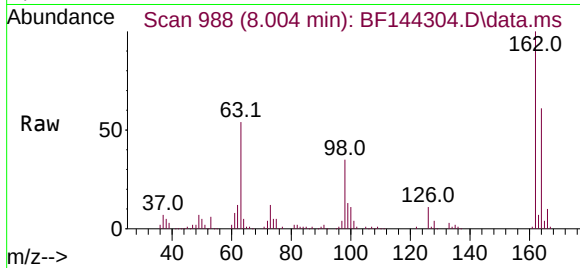
Tgt Ion:162 Resp: 116177

Ion Ratio Lower Upper

162 100

164 60.9 42.9 82.9

98 35.2 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 49.767 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

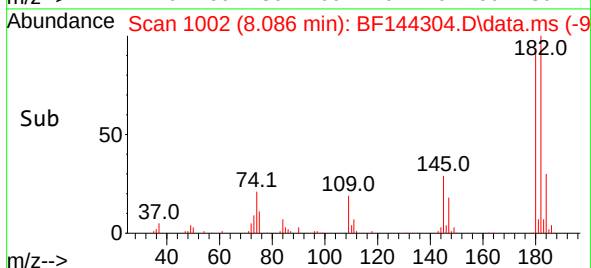
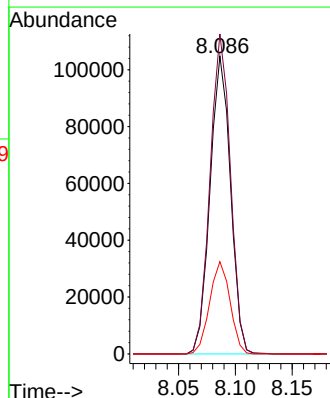
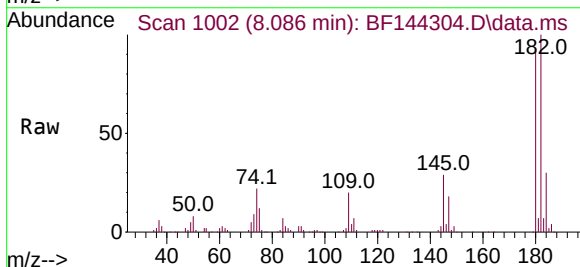
Tgt Ion:180 Resp: 131220

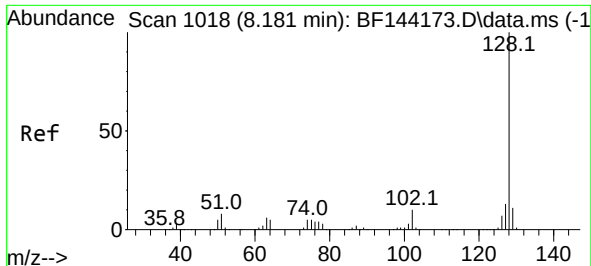
Ion Ratio Lower Upper

180 100

182 107.5 87.7 131.5

145 31.0 25.4 38.0

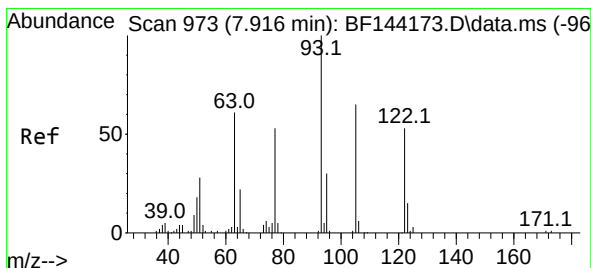
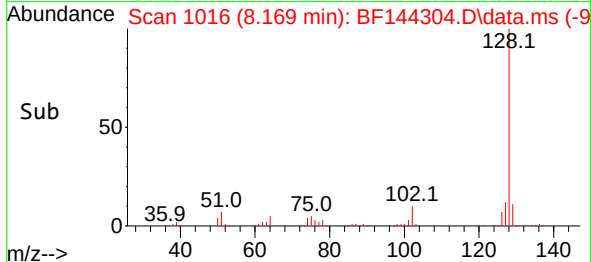
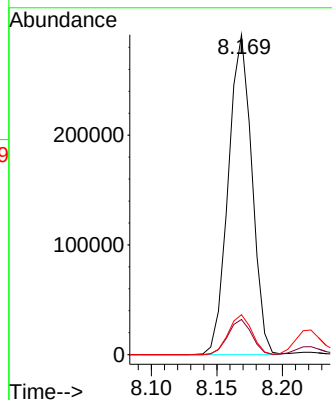
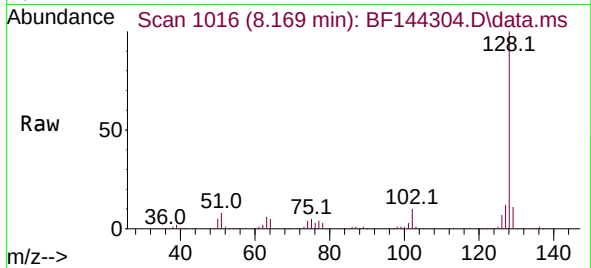




#31  
Naphthalene  
Concen: 48.092 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

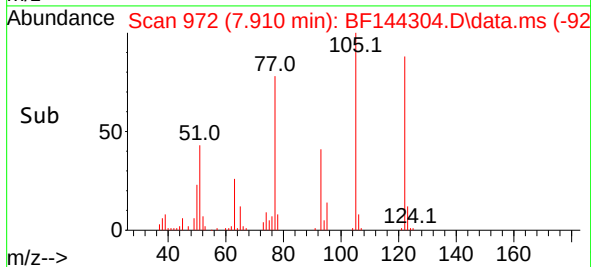
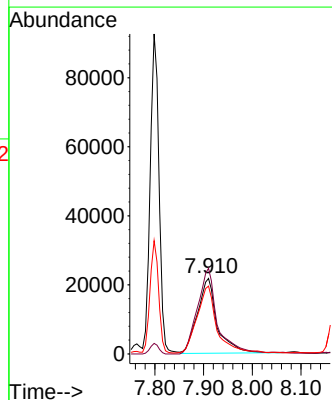
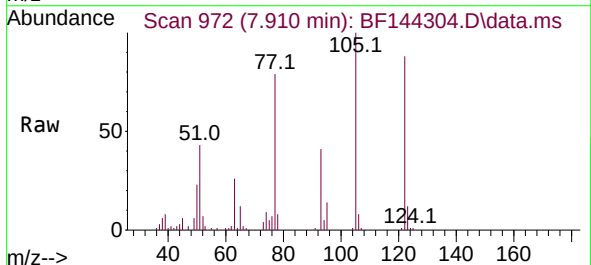
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

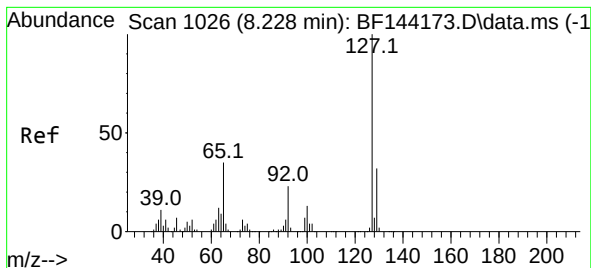
Tgt Ion:128 Resp: 365391  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 12.5 10.3 15.5



#32  
Benzoic acid  
Concen: 37.181 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.041 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:122 Resp: 60719  
Ion Ratio Lower Upper  
122 100  
105 113.5 99.9 139.9  
77 89.7 77.5 117.5





#33

4-Chloroaniline

Concen: 12.773 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

Tgt Ion:127 Resp: 35395

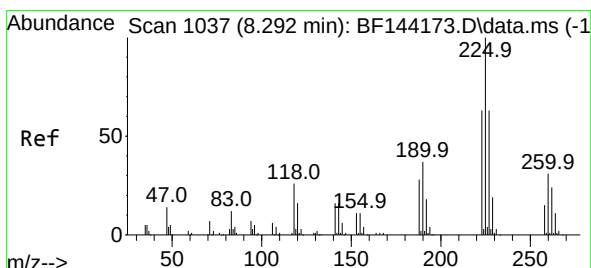
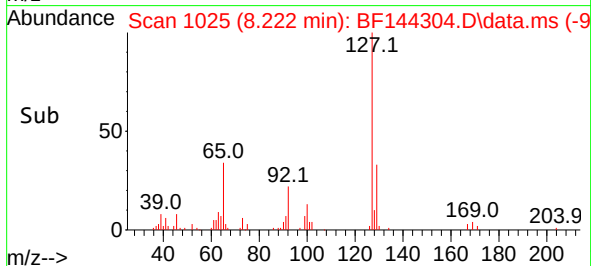
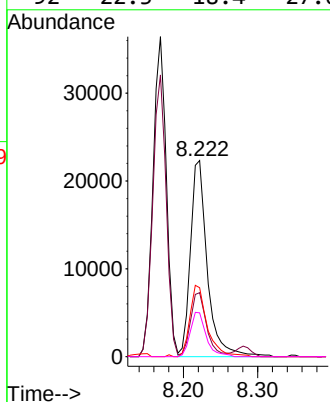
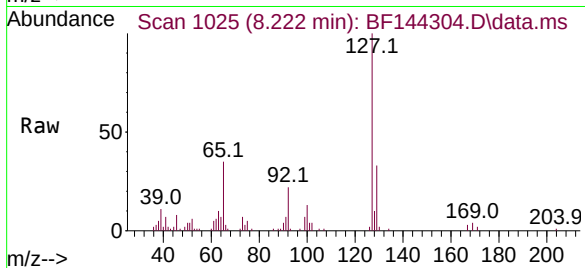
Ion Ratio Lower Upper

127 100

129 32.6 25.3 37.9

65 35.1 27.6 41.4

92 22.3 18.4 27.6



#34

Hexachlorobutadiene

Concen: 45.892 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

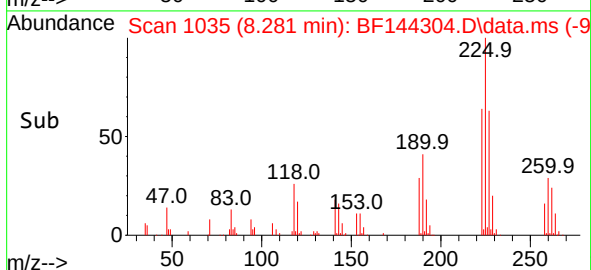
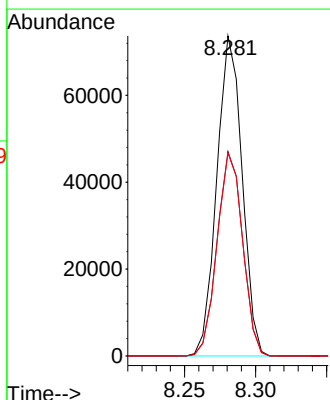
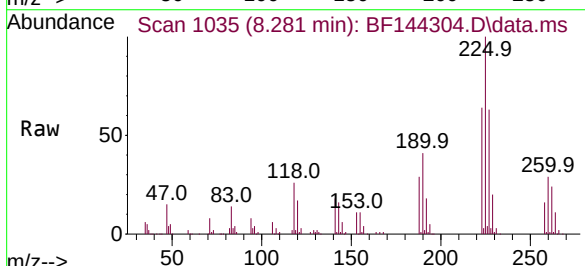
Tgt Ion:225 Resp: 91193

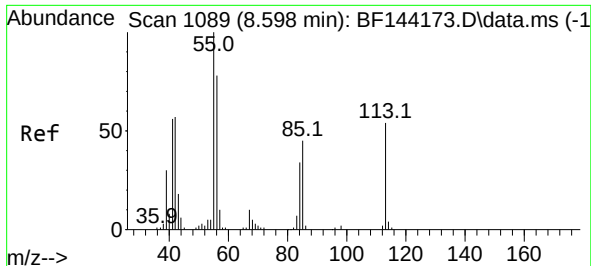
Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.4

227 63.4 50.1 75.1

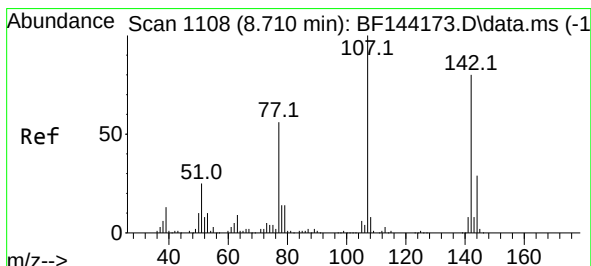
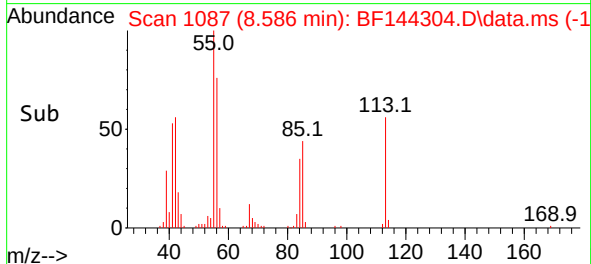
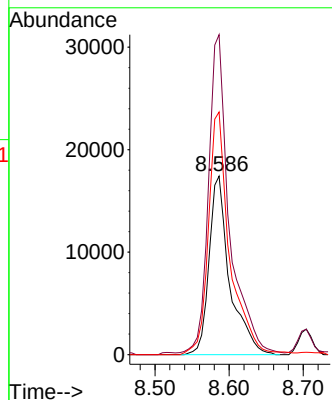
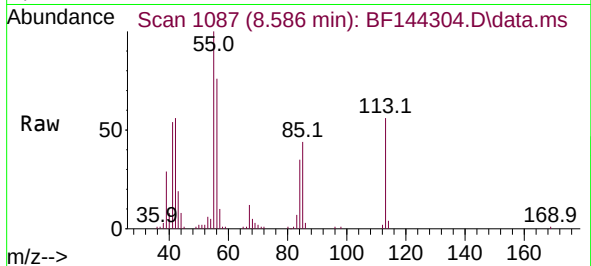




#35  
 Caprolactam  
 Concen: 47.818 ng  
 RT: 8.586 min Scan# 1087  
 Delta R.T. -0.035 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

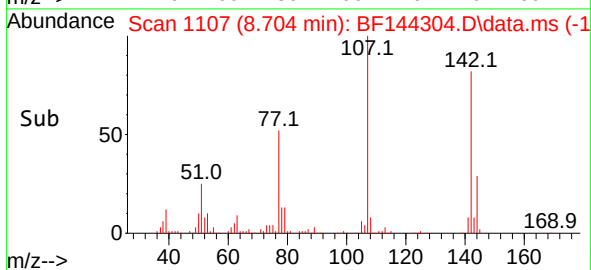
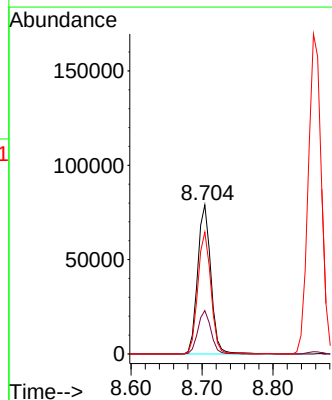
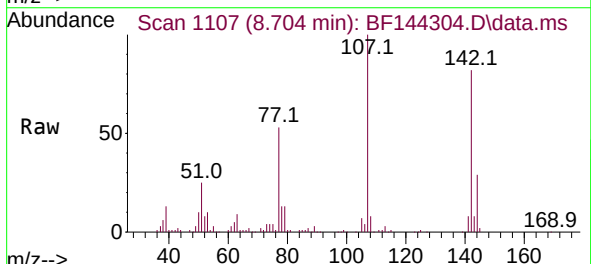
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

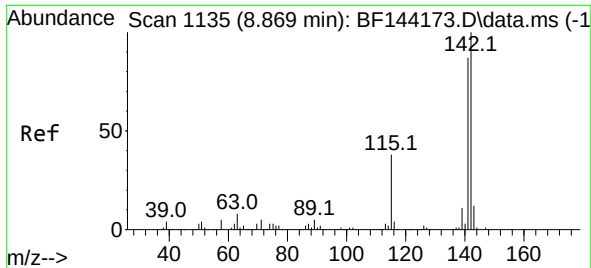
Tgt Ion:113 Resp: 33639  
 Ion Ratio Lower Upper  
 113 100  
 55 179.3 166.8 206.8  
 56 136.0 125.9 165.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.267 ng  
 RT: 8.704 min Scan# 1107  
 Delta R.T. -0.000 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

Tgt Ion:107 Resp: 101868  
 Ion Ratio Lower Upper  
 107 100  
 144 29.0 23.3 34.9  
 142 81.7 63.8 95.6

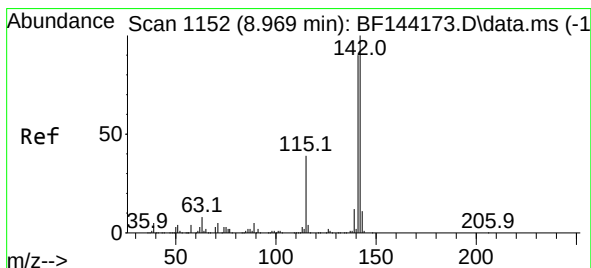
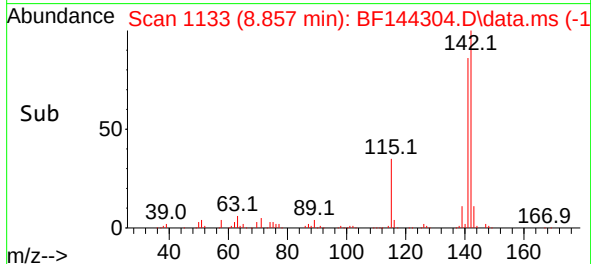
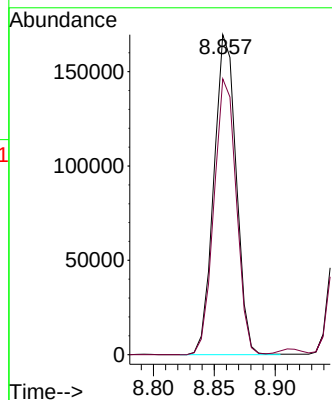
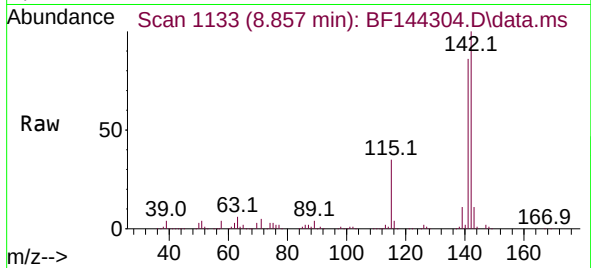




#37  
2-Methylnaphthalene  
Concen: 42.648 ng  
RT: 8.857 min Scan# 111  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

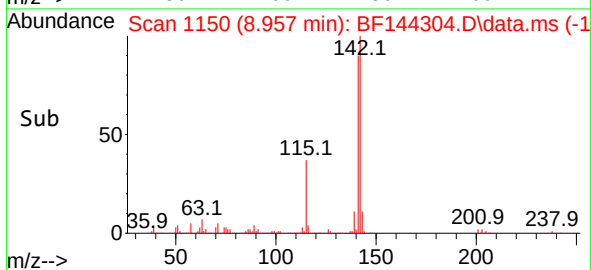
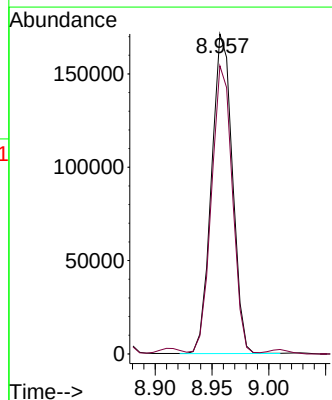
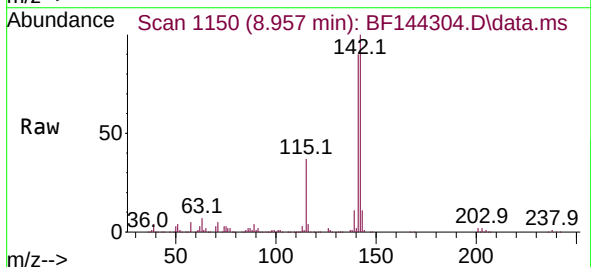
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

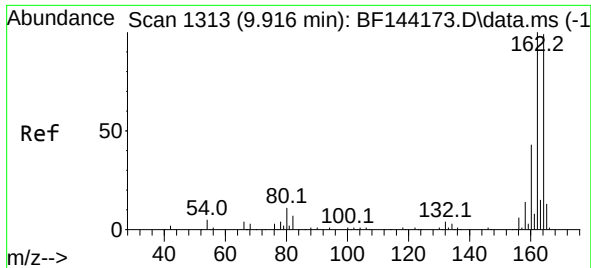
Tgt Ion:142 Resp: 216643  
Ion Ratio Lower Upper  
142 100  
141 86.2 69.9 104.9



#38  
1-Methylnaphthalene  
Concen: 44.755 ng  
RT: 8.957 min Scan# 1150  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:142 Resp: 219367  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.1 108.1

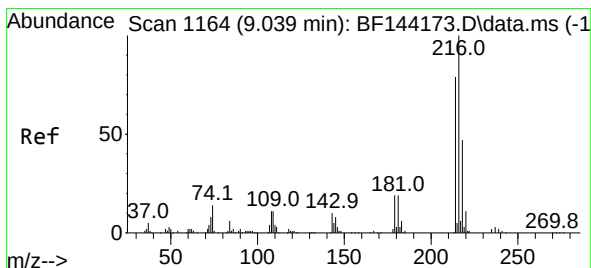
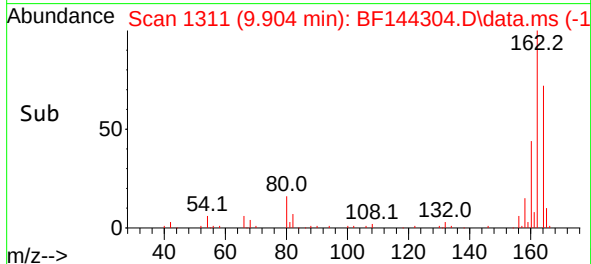
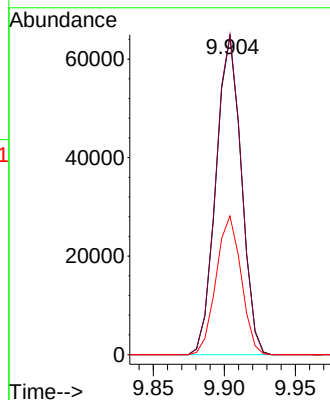
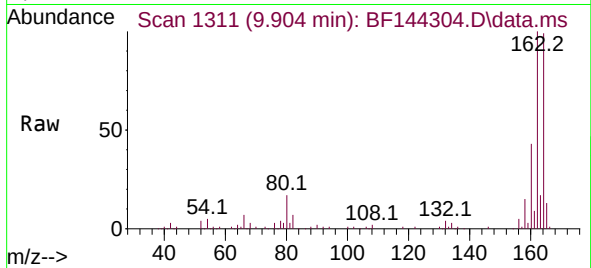




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1313  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

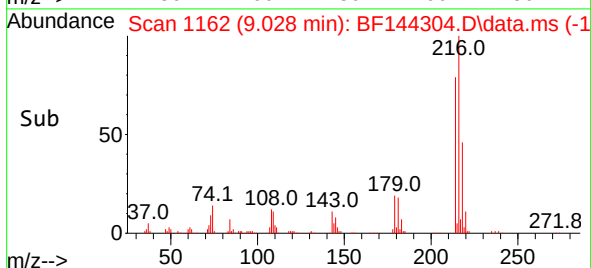
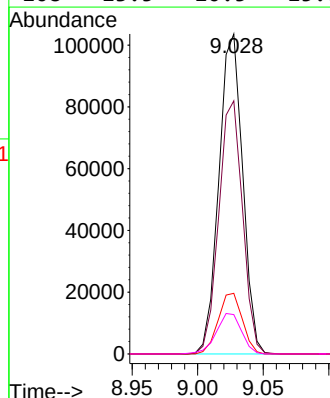
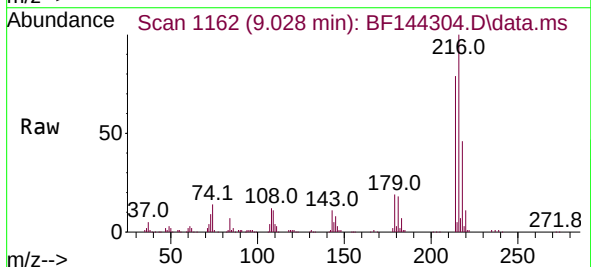
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

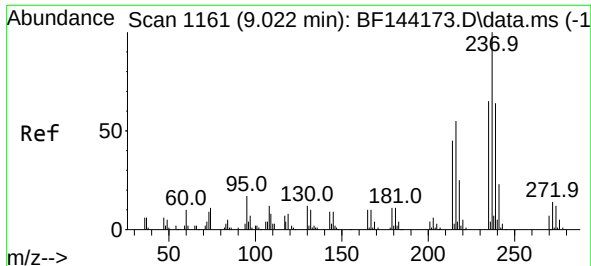
Tgt Ion:164 Resp: 80476  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.1 121.7  
160 43.6 34.5 51.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.583 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

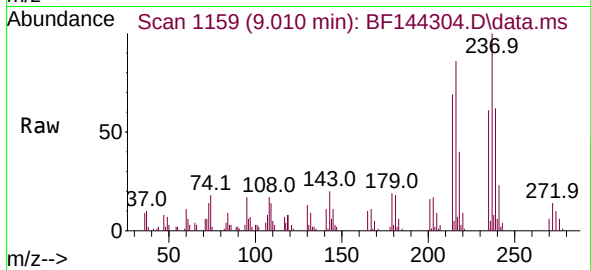
Tgt Ion:216 Resp: 130774  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.4 95.2  
179 19.3 15.0 22.4  
108 13.5 10.5 15.7



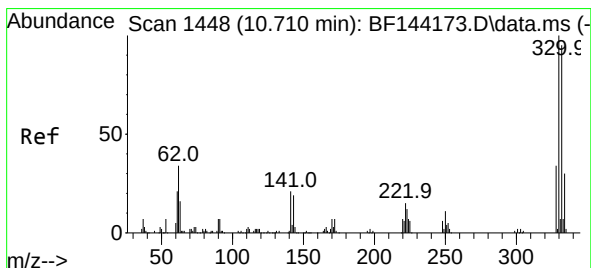
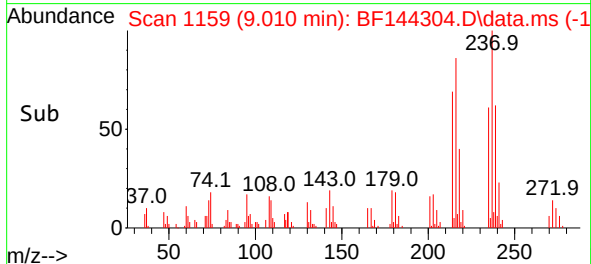
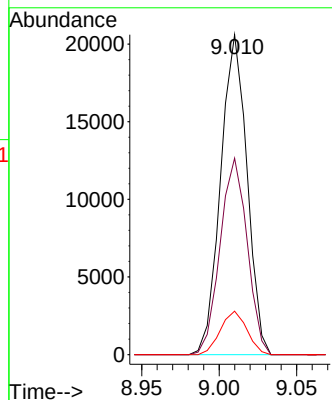


#41  
Hexachlorocyclopentadiene  
Concen: 32.525 ng  
RT: 9.010 min Scan# 1161  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

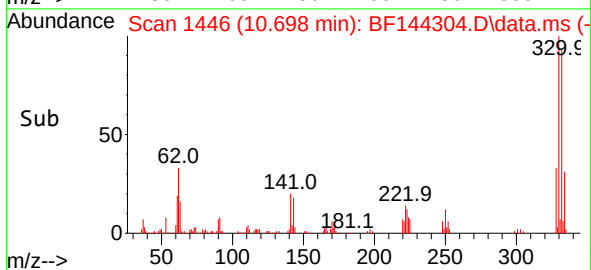
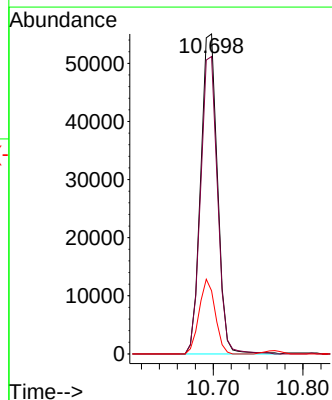
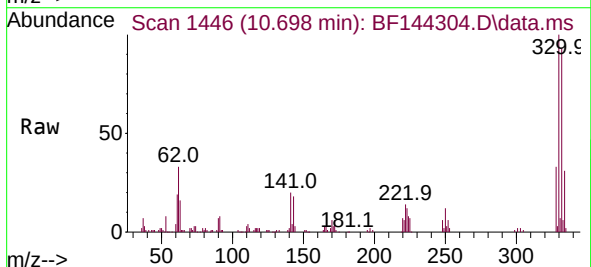


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 24474 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.4  | 45.5  | 85.5  |
| 272       | 13.6  | 0.0   | 33.5  |

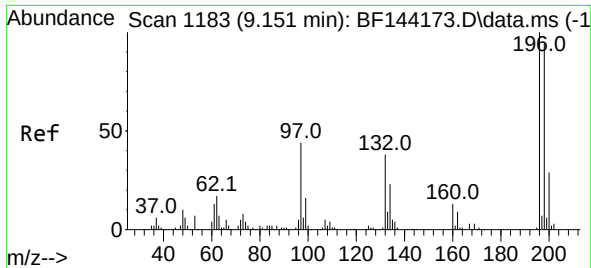


#42  
2,4,6-Tribromophenol  
Concen: 70.703 ng  
RT: 10.698 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 71402 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 93.8  | 76.7  | 115.1 |
| 141       | 22.3  | 17.8  | 26.8  |



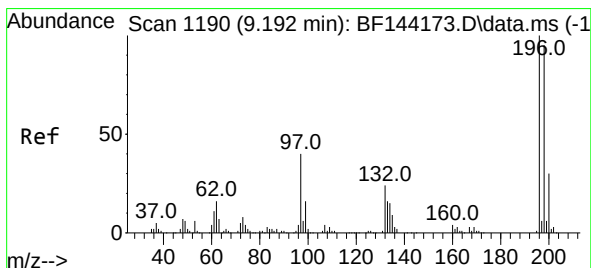
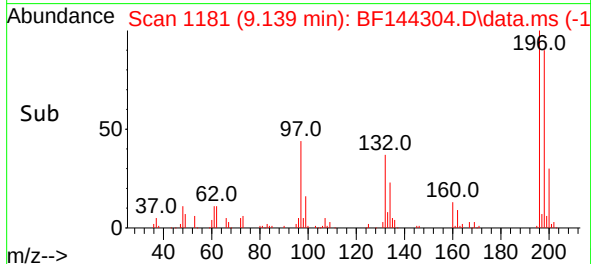
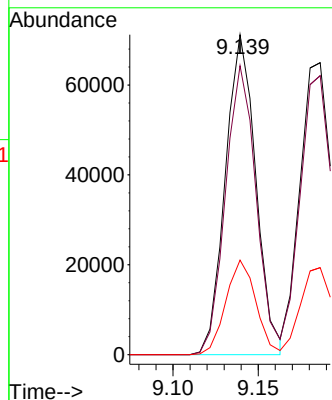
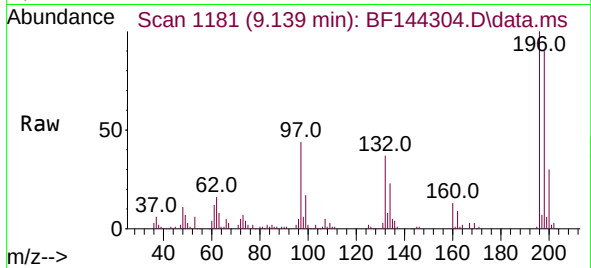




#43  
2,4,6-Trichlorophenol  
Concen: 49.276 ng  
RT: 9.139 min Scan# 1183  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

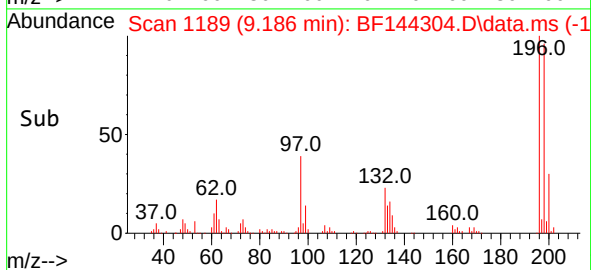
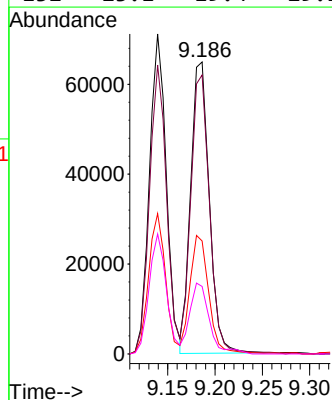
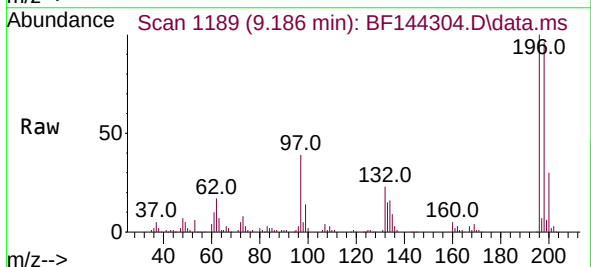
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

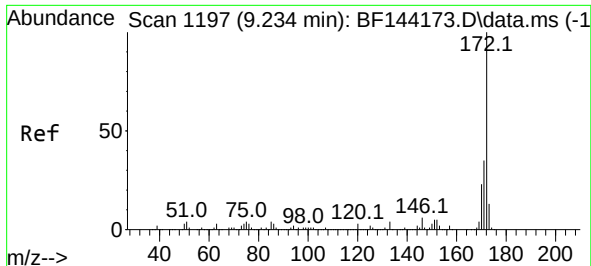
Tgt Ion:196 Resp: 88455  
Ion Ratio Lower Upper  
196 100  
198 90.3 75.3 112.9  
200 29.5 23.4 35.2



#44  
2,4,5-Trichlorophenol  
Concen: 45.769 ng  
RT: 9.186 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:196 Resp: 88549  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.1 114.1  
97 38.7 31.9 47.9  
132 23.1 19.4 29.2

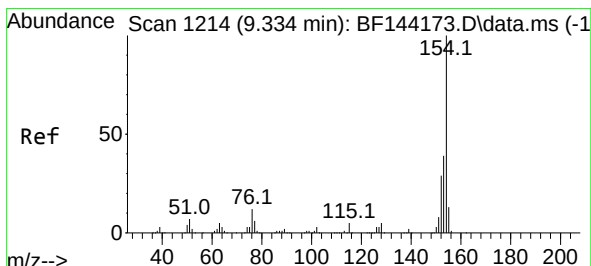
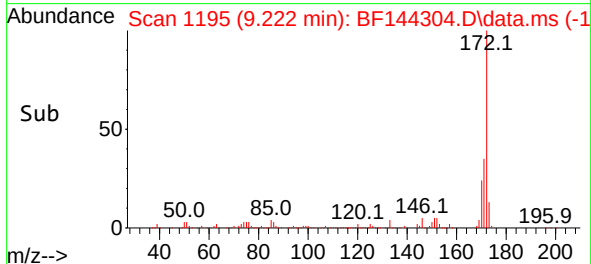
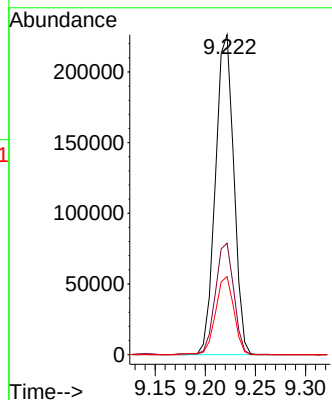
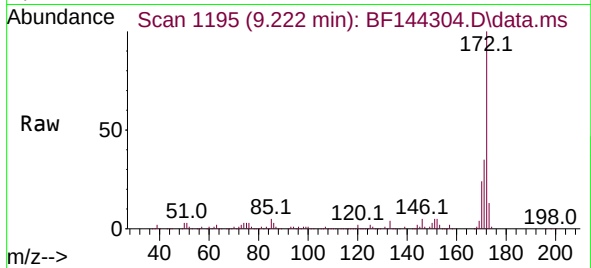




#45  
2-Fluorobiphenyl  
Concen: 52.915 ng  
RT: 9.222 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

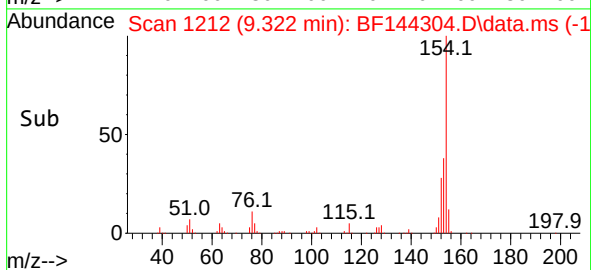
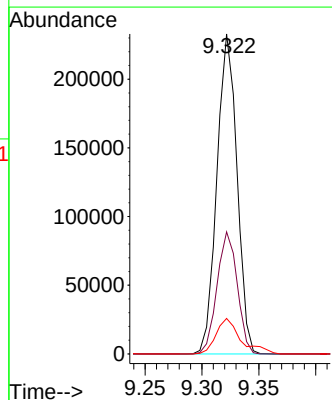
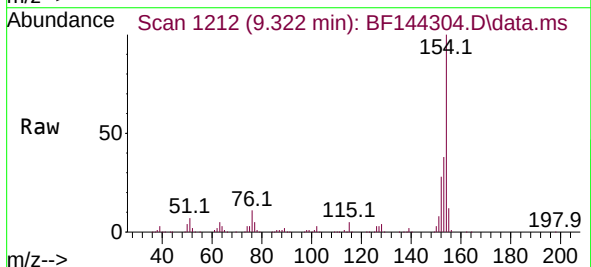
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

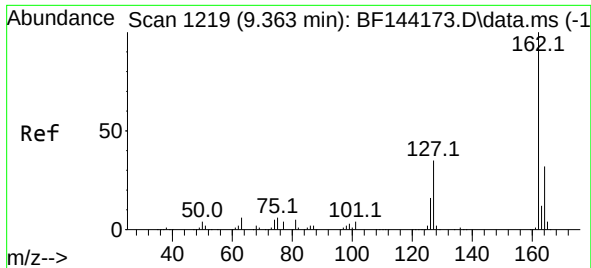
Tgt Ion:172 Resp: 288328  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 24.4 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 50.932 ng  
RT: 9.322 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:154 Resp: 286108  
Ion Ratio Lower Upper  
154 100  
153 38.1 19.2 59.2  
76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.905 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

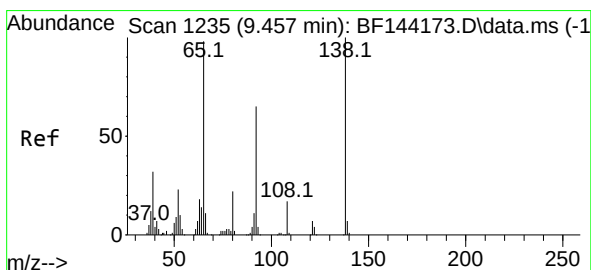
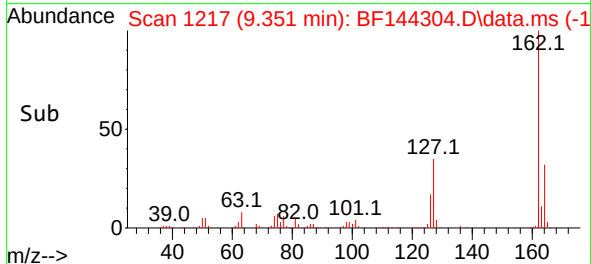
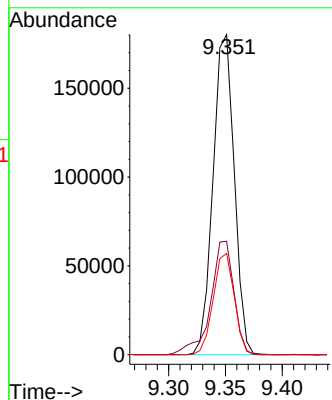
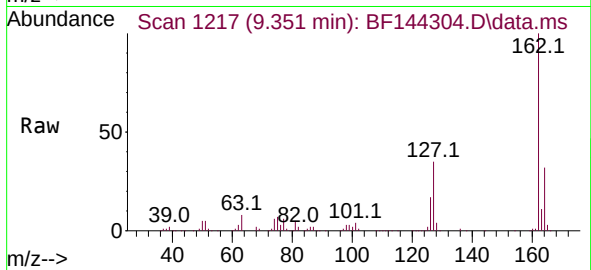
Tgt Ion:162 Resp: 234340

Ion Ratio Lower Upper

162 100

127 35.4 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 53.193 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

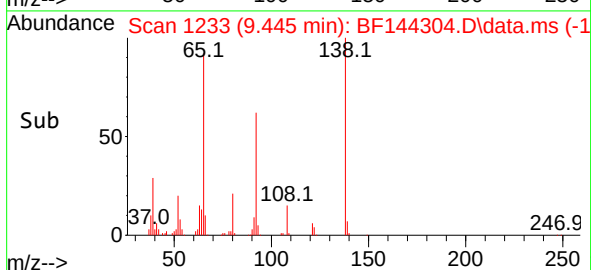
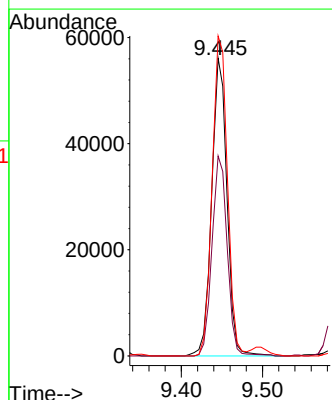
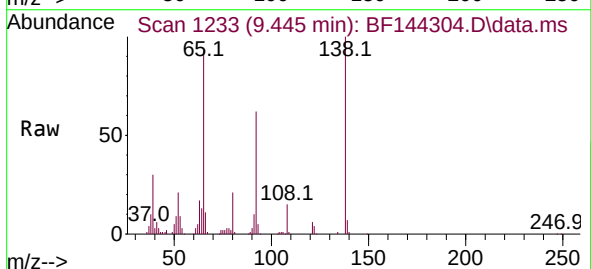
Tgt Ion: 65 Resp: 73544

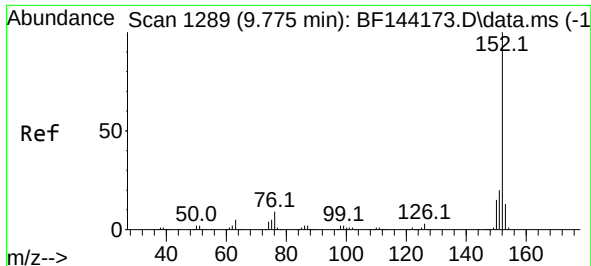
Ion Ratio Lower Upper

65 100

92 67.2 53.0 79.6

138 107.5 81.6 122.4





#49

Acenaphthylene

Concen: 54.353 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144304.D

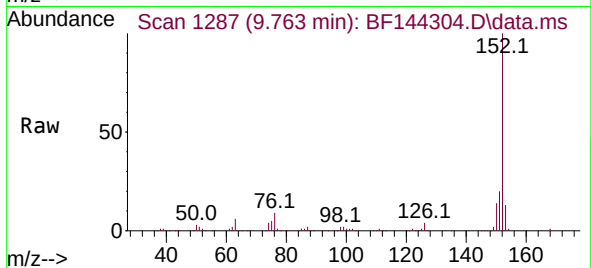
Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD



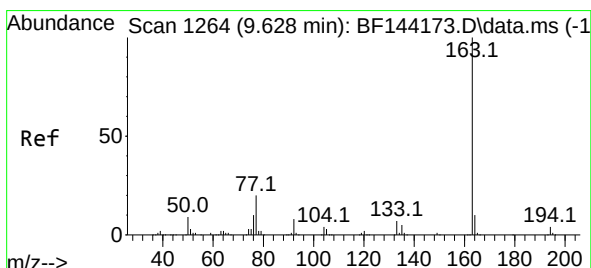
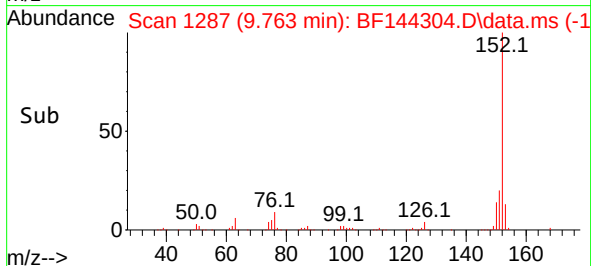
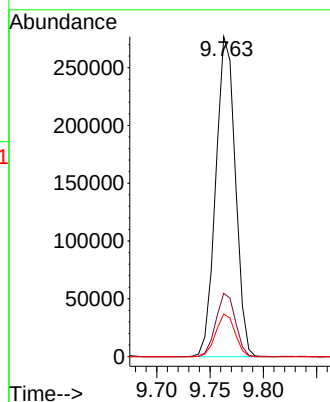
Tgt Ion:152 Resp: 354918

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 51.948 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

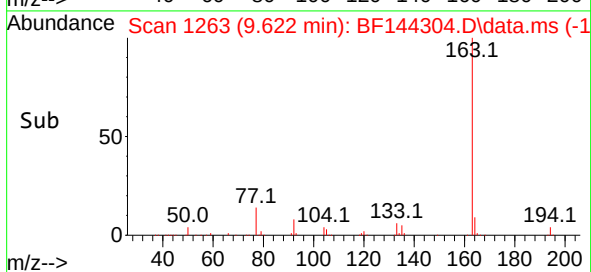
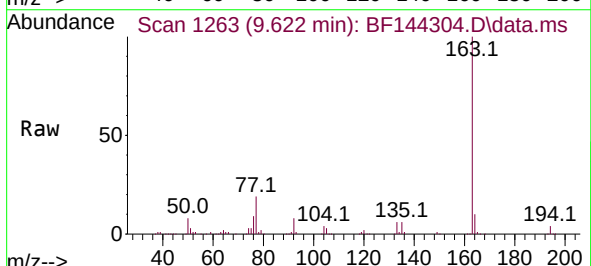
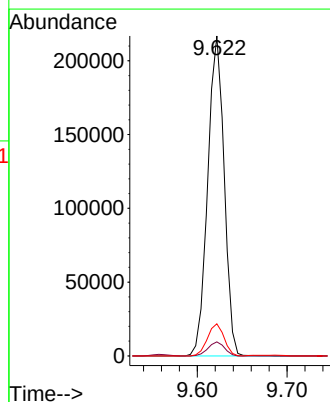
Tgt Ion:163 Resp: 276955

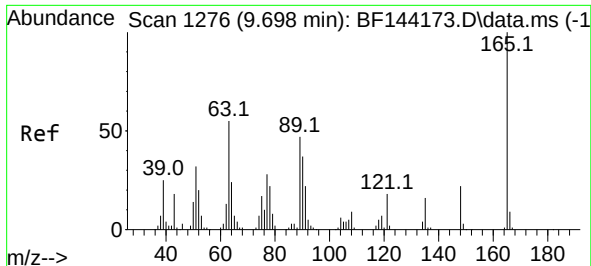
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

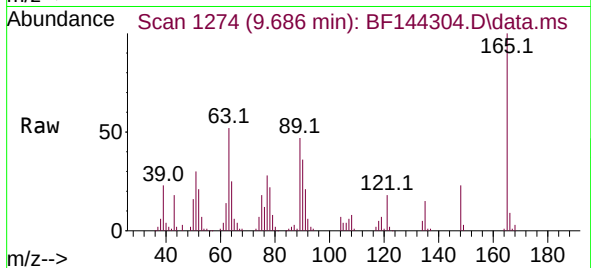
164 10.0 8.1 12.1



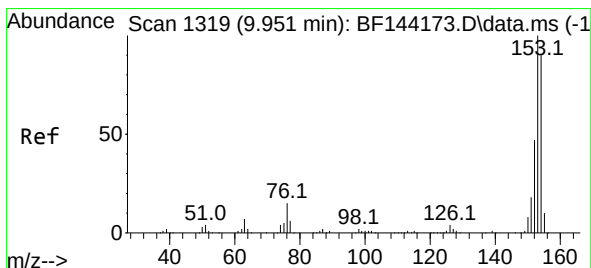
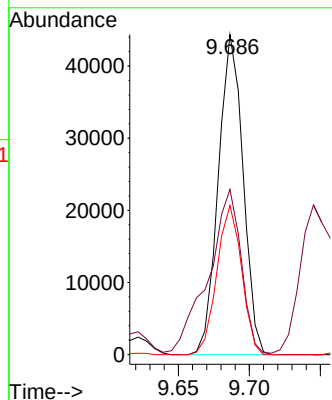
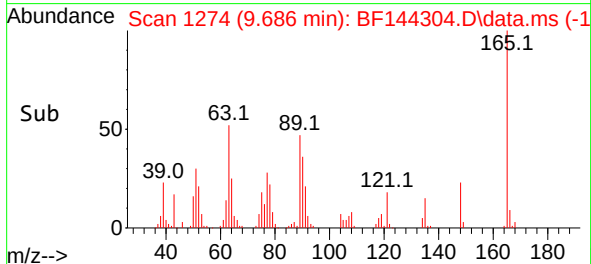


#51  
2,6-Dinitrotoluene  
Concen: 49.852 ng  
RT: 9.686 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

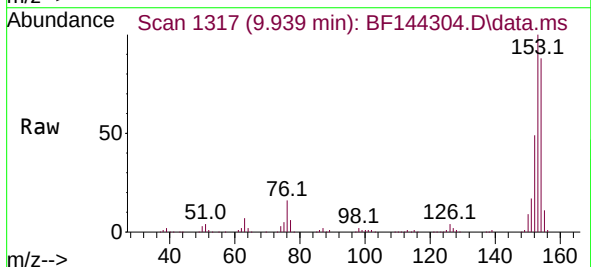
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD



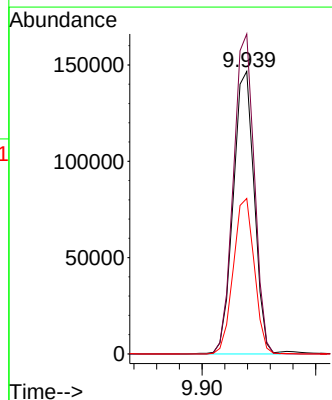
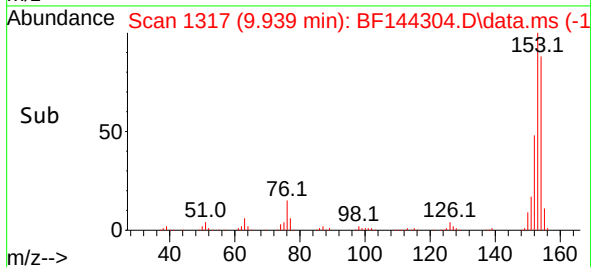
Tgt Ion:165 Resp: 53802  
Ion Ratio Lower Upper  
165 100  
63 51.6 43.8 65.8  
89 46.6 37.5 56.3

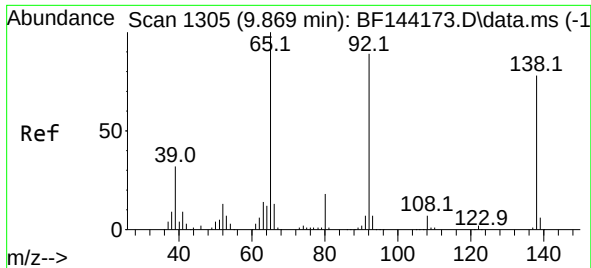


#52  
Acenaphthene  
Concen: 43.277 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56



Tgt Ion:154 Resp: 188975  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.0 133.4  
152 55.0 42.2 63.4

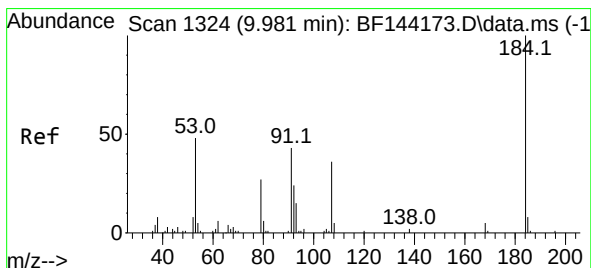
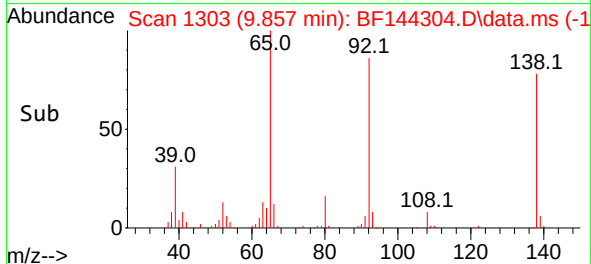
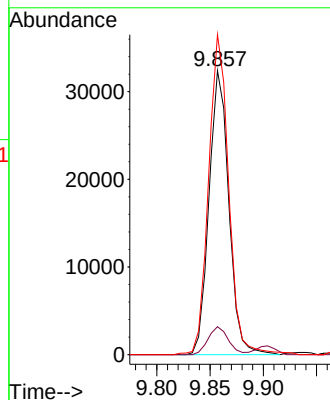
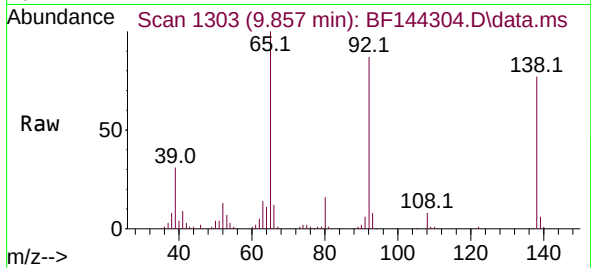




#53  
3-Nitroaniline  
Concen: 35.559 ng  
RT: 9.857 min Scan# 1303  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

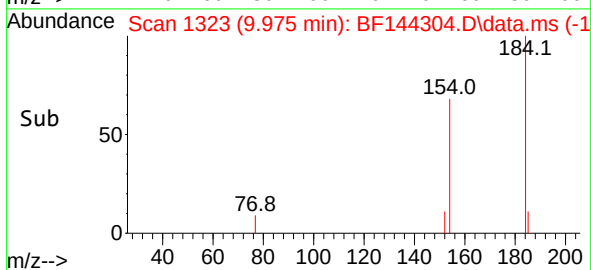
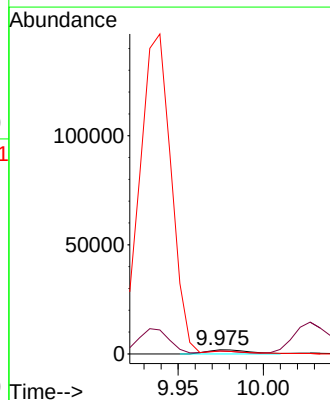
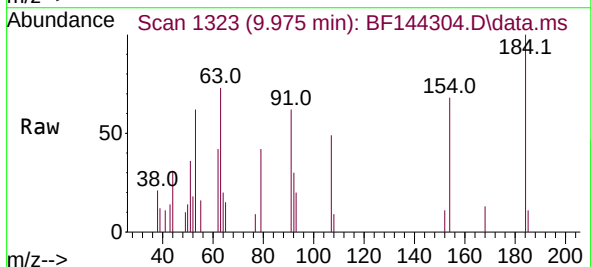
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

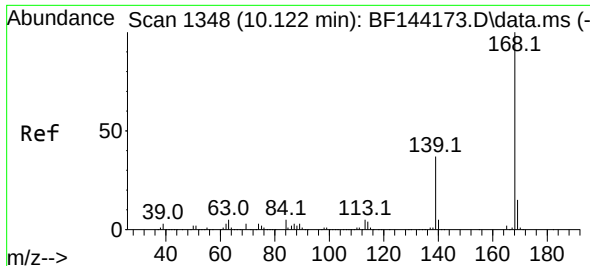
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.8   | 7.5   | 11.3  |
| 92      | 112.7 | 91.8  | 137.6 |



#54  
2,4-Dinitrophenol  
Concen: 4.864 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 73.2  | 44.0  | 66.0# |
| 154     | 67.6  | 42.4  | 63.6# |

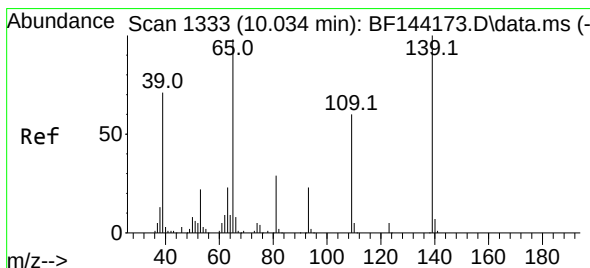
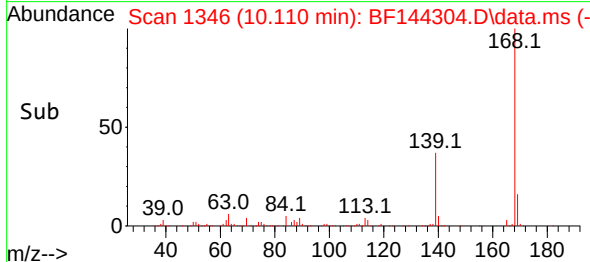
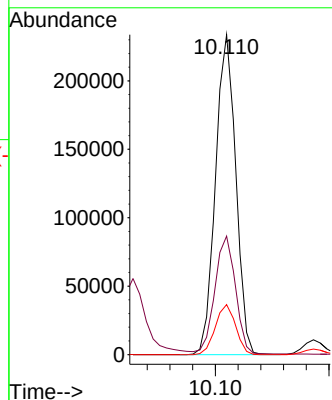
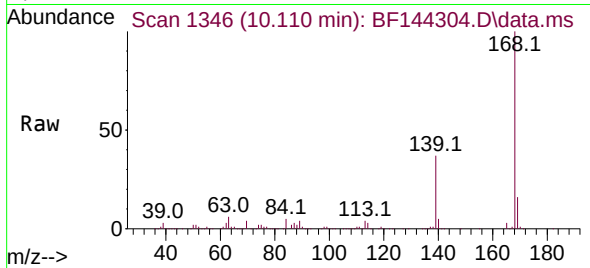




#55  
Dibenzenofuran  
Concen: 47.348 ng  
RT: 10.110 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

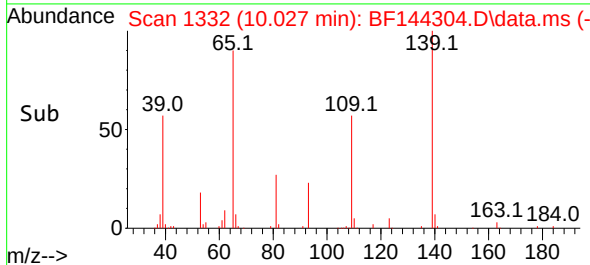
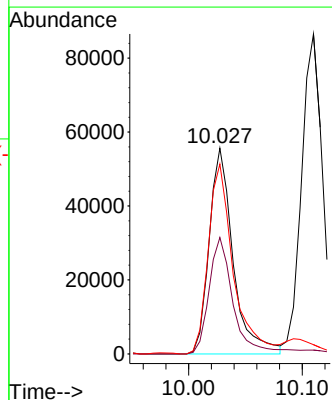
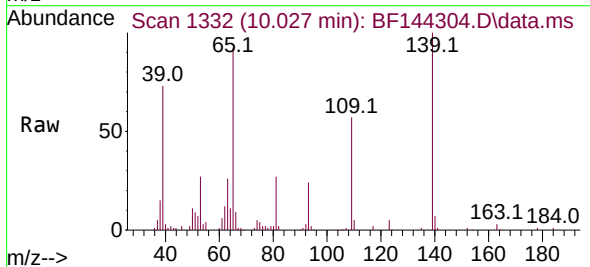
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

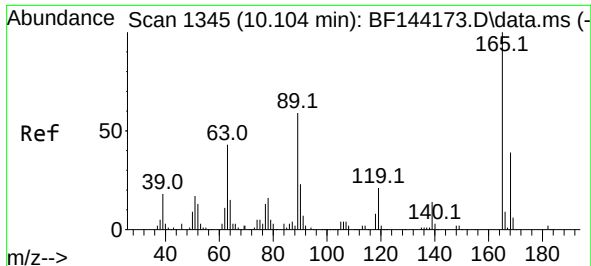
Tgt Ion:168 Resp: 289563  
Ion Ratio Lower Upper  
168 100  
139 37.0 30.2 45.2  
169 15.6 12.2 18.4



#56  
4-Nitrophenol  
Concen: 95.634 ng  
RT: 10.027 min Scan# 1332  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:139 Resp: 81615  
Ion Ratio Lower Upper  
139 100  
109 56.6 39.9 79.9  
65 92.3 79.5 119.5

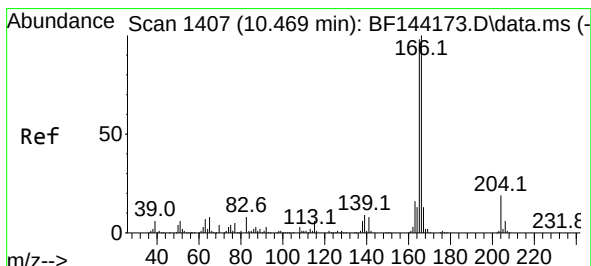
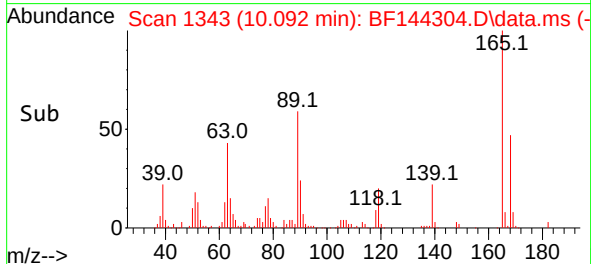
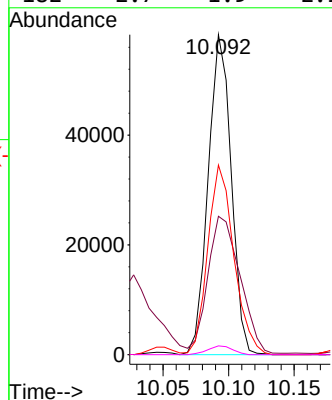
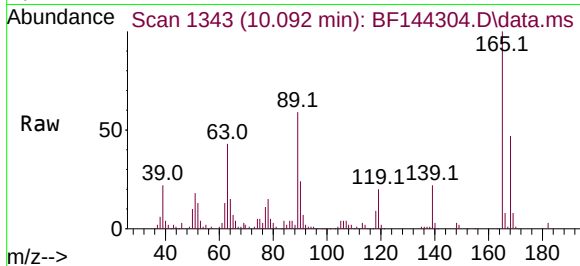




#57  
2,4-Dinitrotoluene  
Concen: 49.347 ng  
RT: 10.092 min Scan# 1345  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

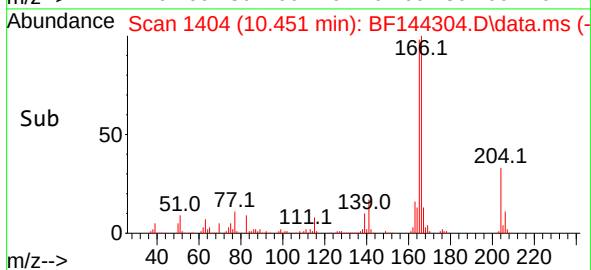
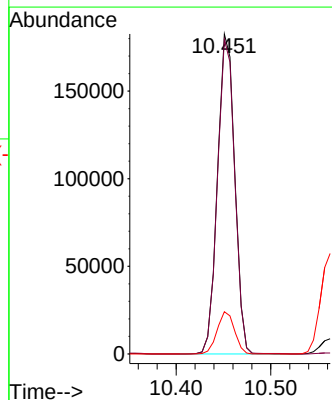
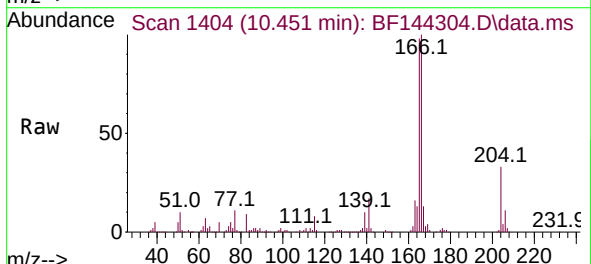
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 71296 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 43.3  | 35.5  | 53.3  |
| 89        | 59.2  | 47.4  | 71.2  |
| 182       | 2.7   | 1.9   | 2.9   |

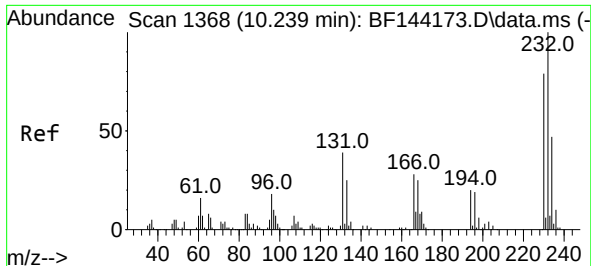


#58  
Fluorene  
Concen: 49.656 ng  
RT: 10.451 min Scan# 1404  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 230887 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 78.6  | 118.0  |
| 167       | 13.2  | 10.4  | 15.6   |







#59

2,3,4,6-Tetrachlorophenol

Concen: 50.374 ng

RT: 10.227 min Scan# 1366

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

Tgt Ion:232 Resp: 68953

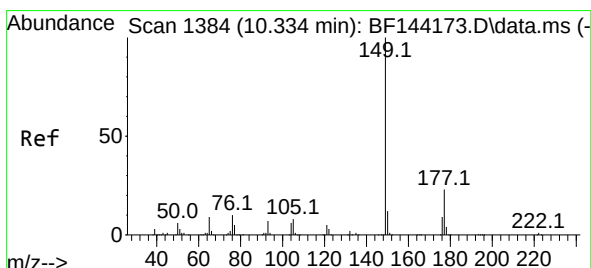
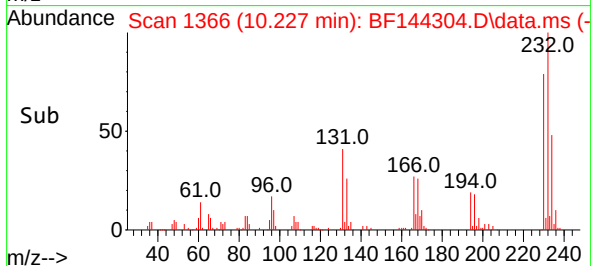
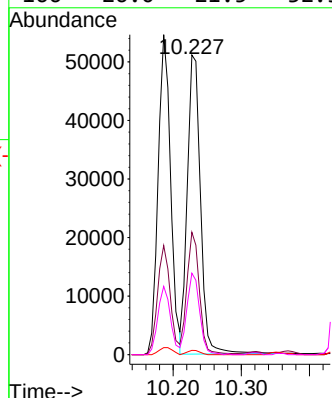
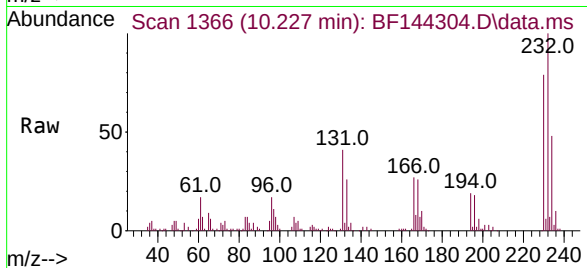
Ion Ratio Lower Upper

232 100

131 37.8 30.3 45.5

130 1.4 1.2 1.8

166 26.0 21.5 32.3



#60

Diethylphthalate

Concen: 50.574 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

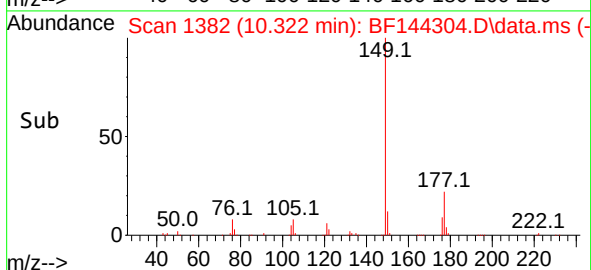
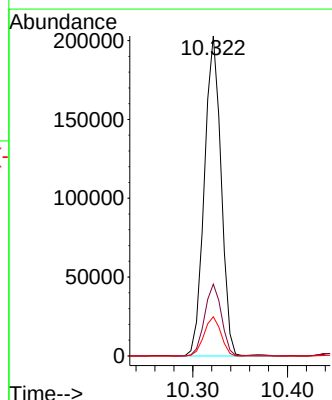
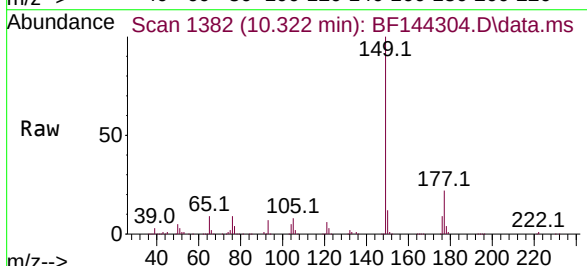
Tgt Ion:149 Resp: 248556

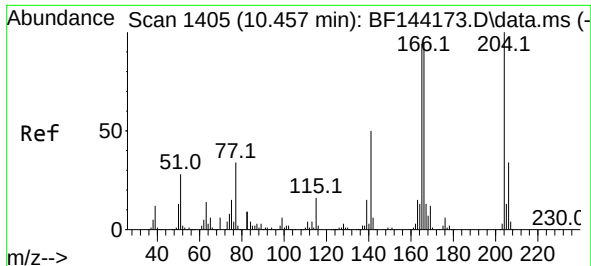
Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

150 12.2 9.8 14.6

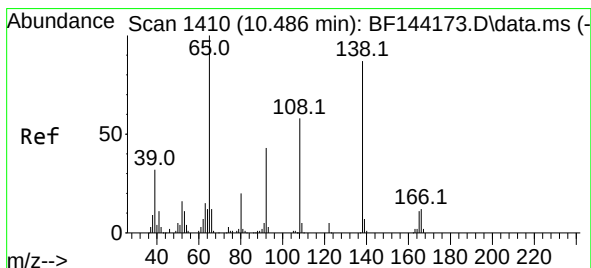
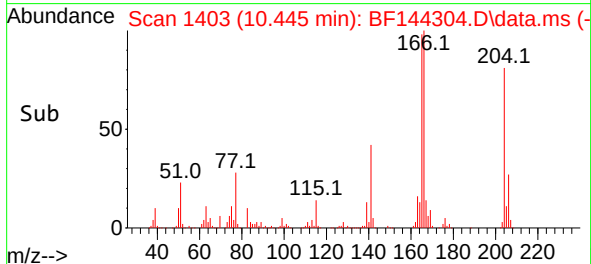
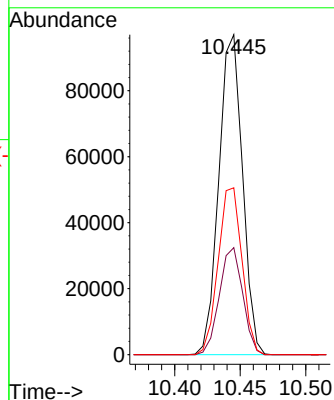
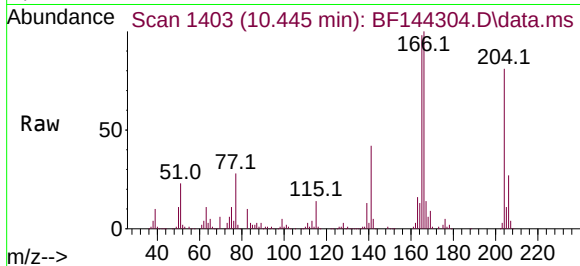




#61  
4-Chlorophenyl-phenylether  
Concen: 46.067 ng  
RT: 10.445 min Scan# 1405  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

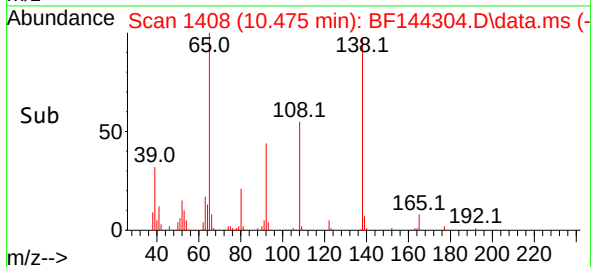
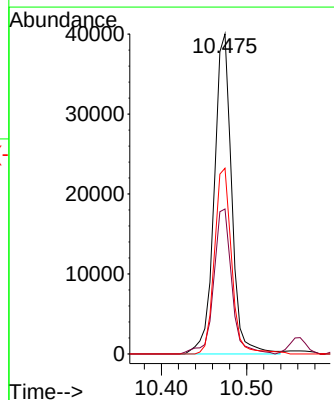
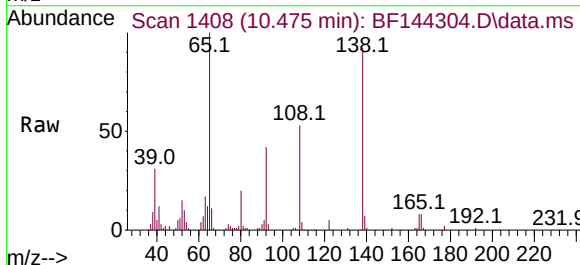
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

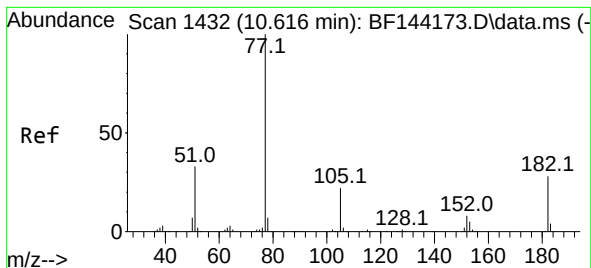
Tgt Ion:204 Resp: 122013  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.4 41.2  
141 52.1 40.0 60.0



#62  
4-Nitroaniline  
Concen: 50.631 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:138 Resp: 56885  
Ion Ratio Lower Upper  
138 100  
92 45.3 29.4 69.4  
108 58.0 46.4 86.4





#63

Azobenzene

Concen: 52.076 ng

RT: 10.604 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

Tgt Ion: 77 Resp: 238195

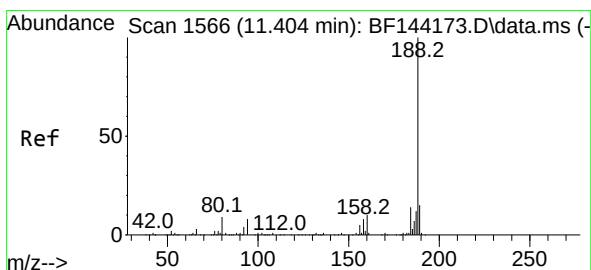
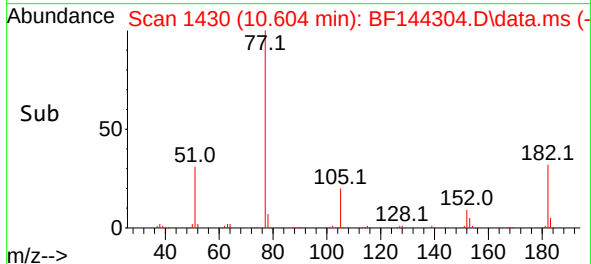
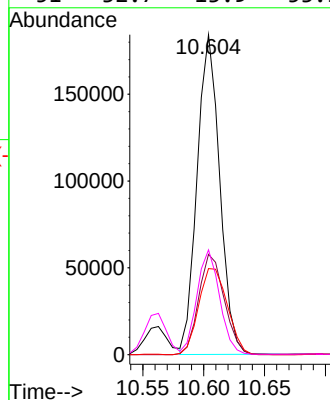
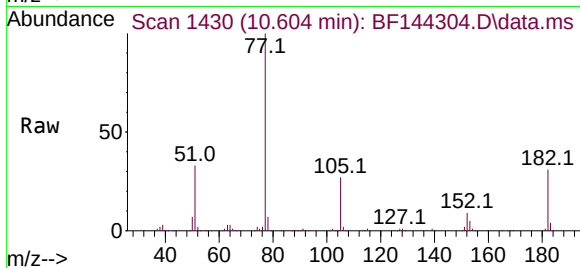
Ion Ratio Lower Upper

77 100

182 31.3 8.1 48.1

105 26.9 2.0 42.0

51 32.7 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

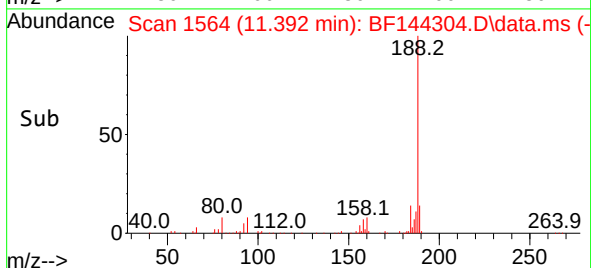
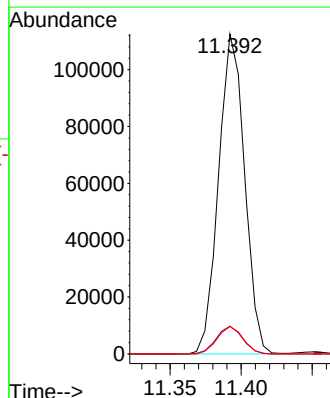
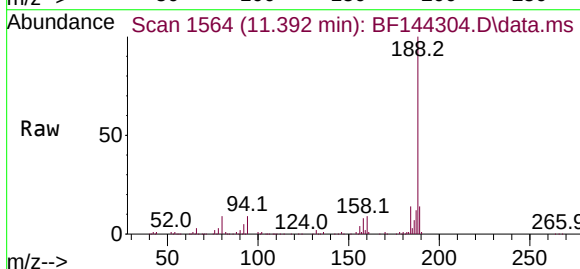
Tgt Ion: 188 Resp: 143551

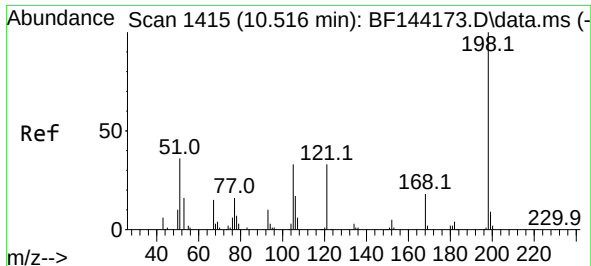
Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

80 8.5 6.9 10.3

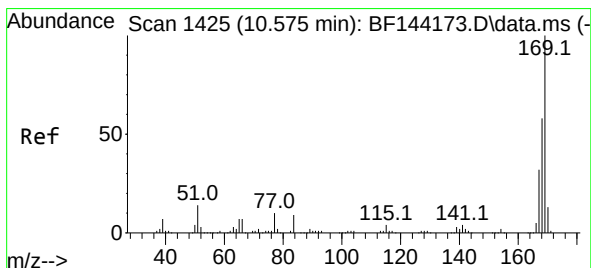
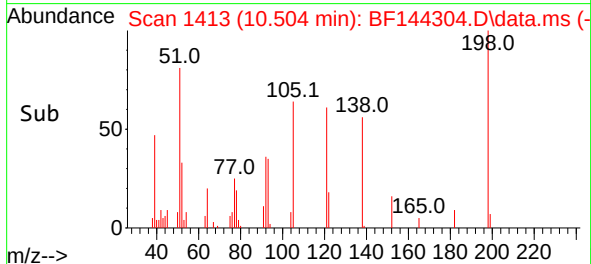
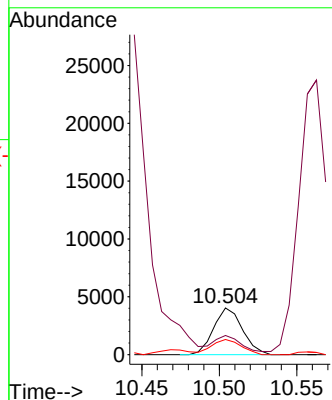
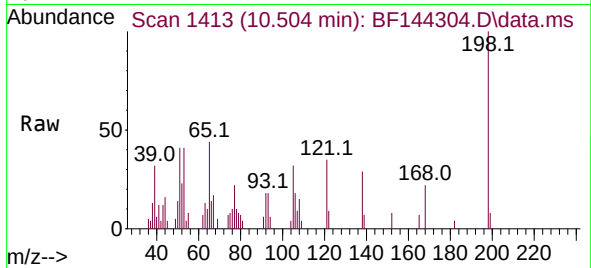




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.330 ng  
RT: 10.504 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

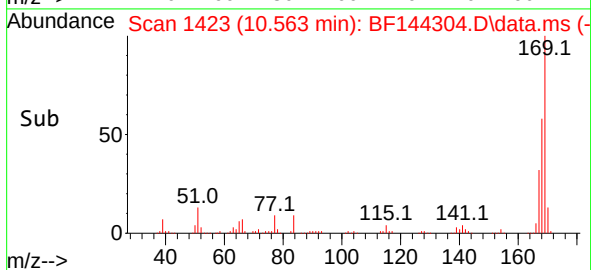
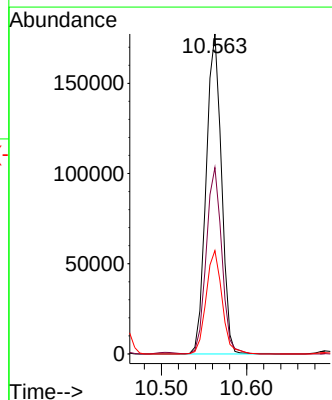
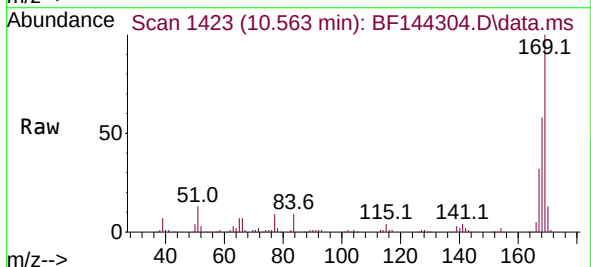
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

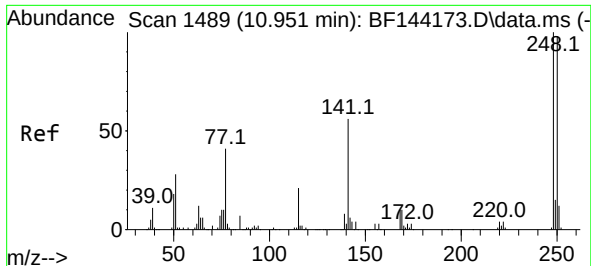
Tgt Ion:198 Resp: 5198  
Ion Ratio Lower Upper  
198 100  
51 41.1 25.6 65.6  
105 32.4 14.6 54.6



#66  
n-Nitrosodiphenylamine  
Concen: 47.933 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:169 Resp: 221308  
Ion Ratio Lower Upper  
169 100  
168 58.2 46.2 69.2  
167 32.3 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 42.439 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

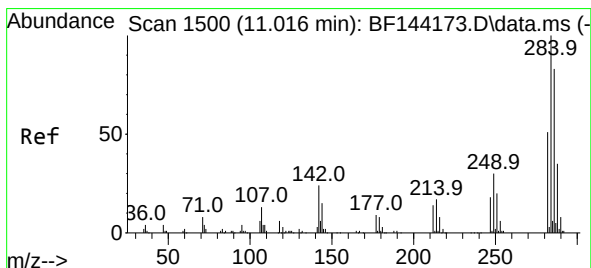
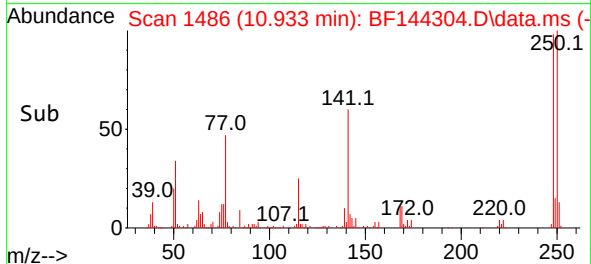
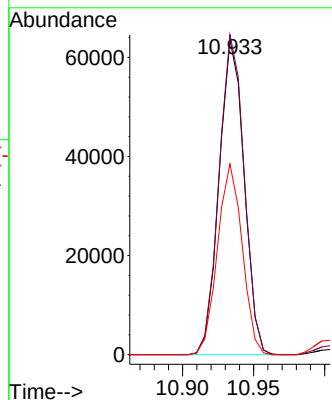
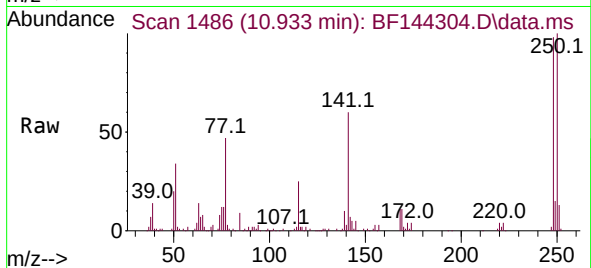
Tgt Ion:248 Resp: 77760

Ion Ratio Lower Upper

248 100

250 101.6 78.4 117.6

141 60.5 45.1 67.7



#68

Hexachlorobenzene

Concen: 45.191 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

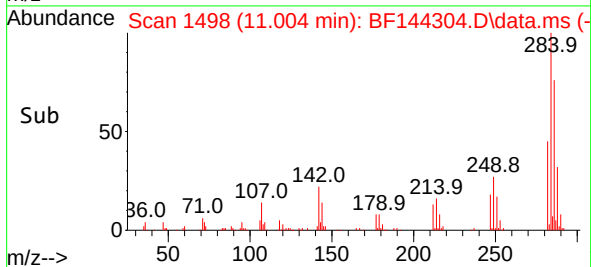
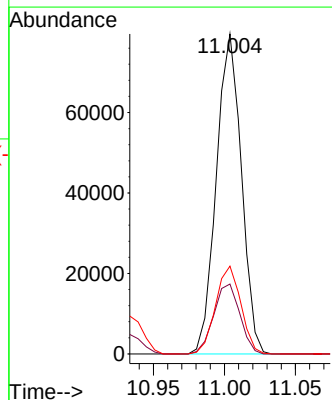
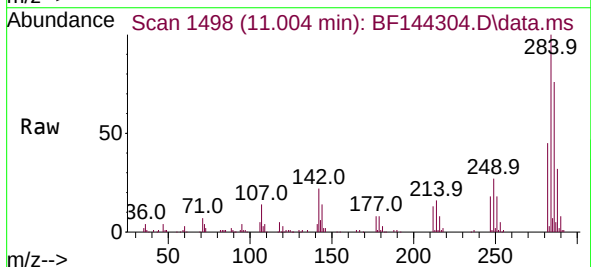
Tgt Ion:284 Resp: 97531

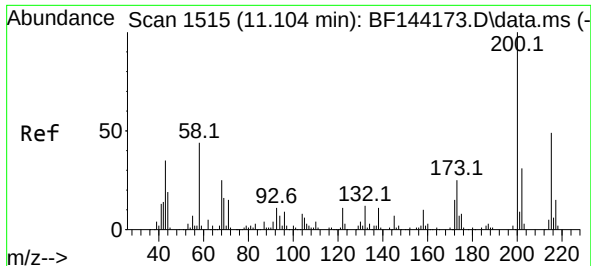
Ion Ratio Lower Upper

284 100

142 21.8 19.2 28.8

249 27.4 23.8 35.8

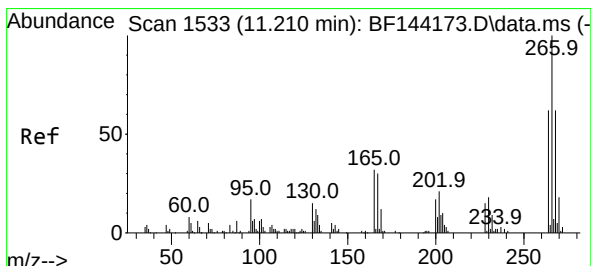
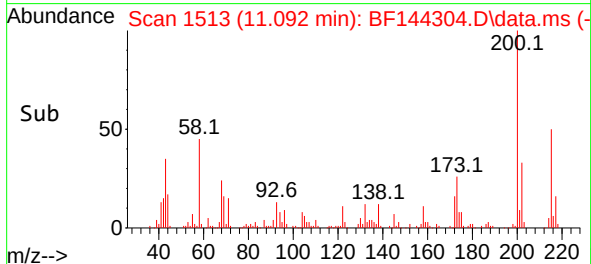
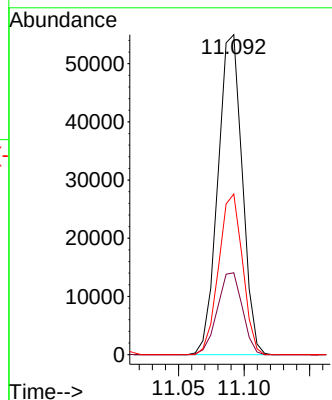
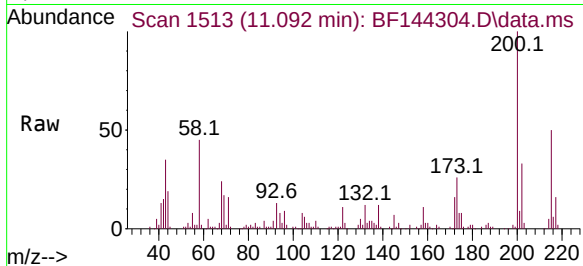




#69  
 Atrazine  
 Concen: 48.446 ng  
 RT: 11.092 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

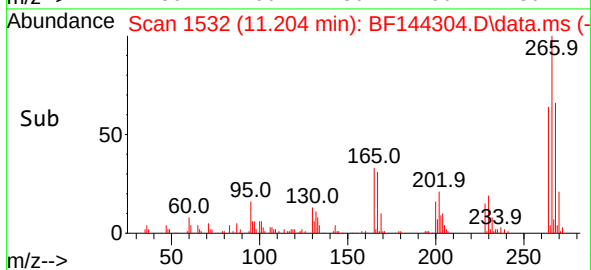
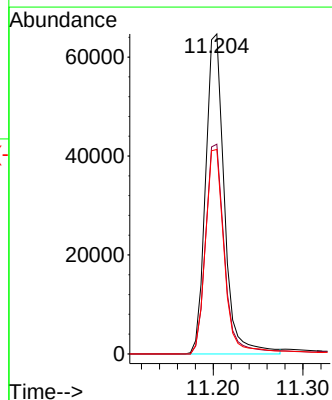
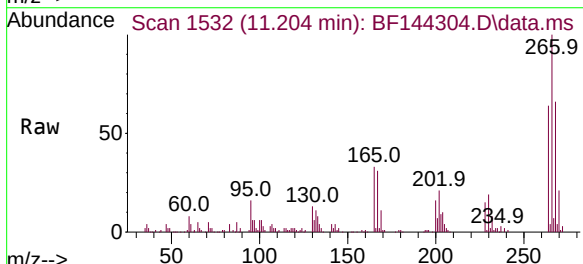
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

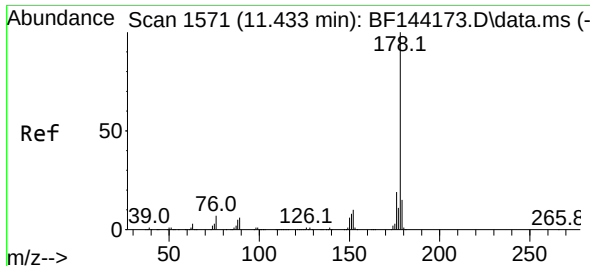
Tgt Ion:200 Resp: 71134  
 Ion Ratio Lower Upper  
 200 100  
 173 25.6 5.0 45.0  
 215 50.2 28.7 68.7



#70  
 Pentachlorophenol  
 Concen: 87.276 ng  
 RT: 11.204 min Scan# 1532  
 Delta R.T. -0.012 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

Tgt Ion:266 Resp: 93796  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 49.5 74.3  
 264 63.9 49.4 74.2

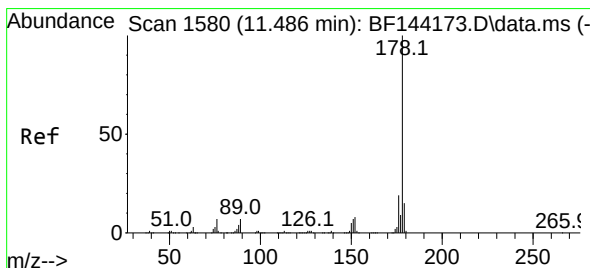
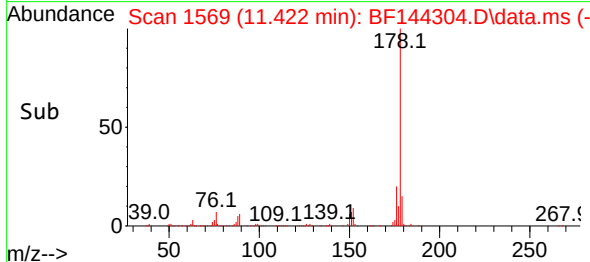
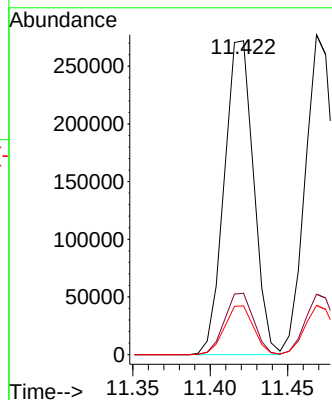
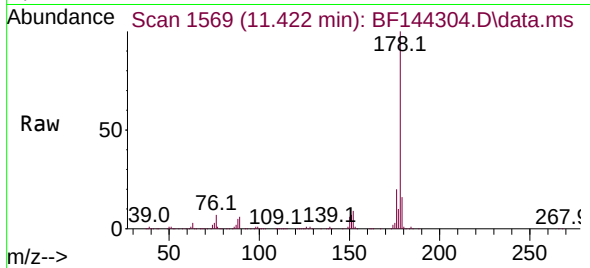




#71  
Phenanthrene  
Concen: 50.212 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

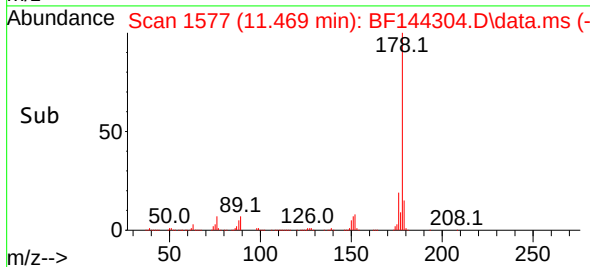
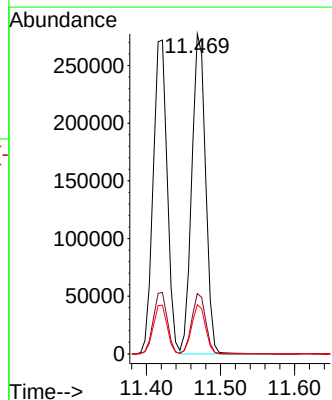
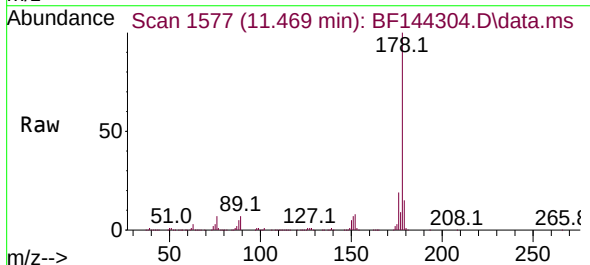
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

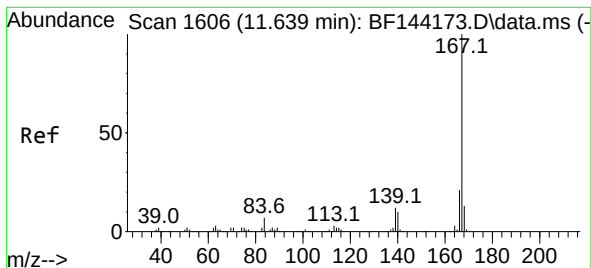
Tgt Ion:178 Resp: 358878  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.5 12.2 18.4



#72  
Anthracene  
Concen: 49.319 ng  
RT: 11.469 min Scan# 1577  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:178 Resp: 358424  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.4 12.0 18.0





#73

Carbazole

Concen: 52.570 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

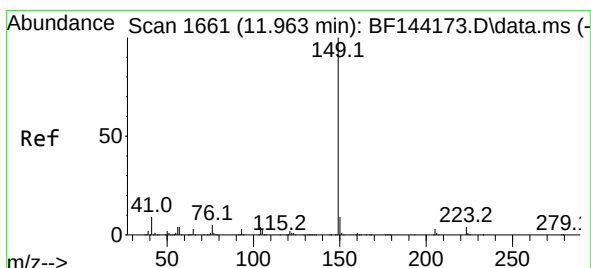
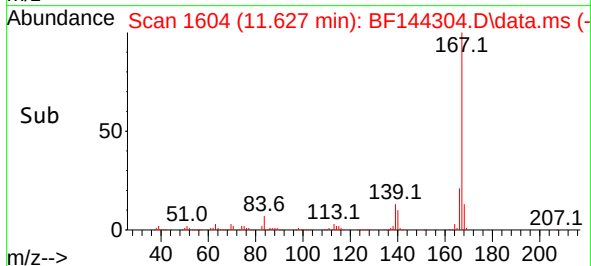
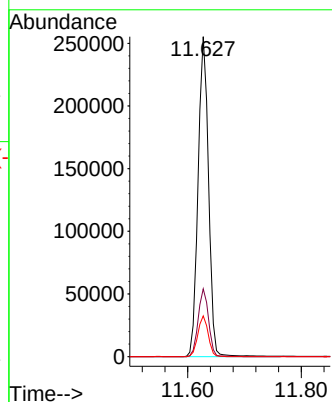
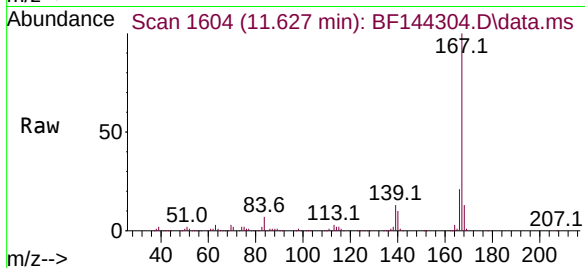
Tgt Ion:167 Resp: 324871

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 50.622 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

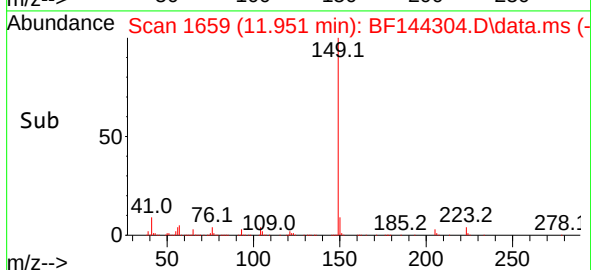
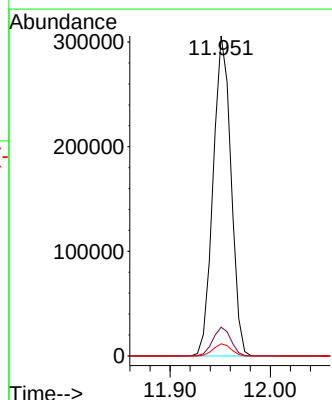
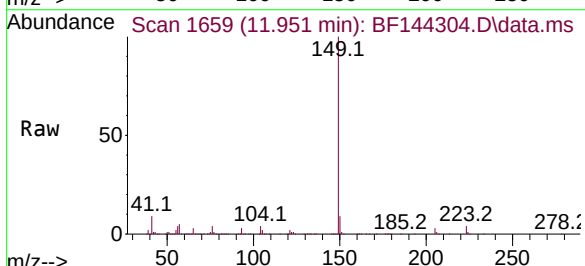
Tgt Ion:149 Resp: 378182

Ion Ratio Lower Upper

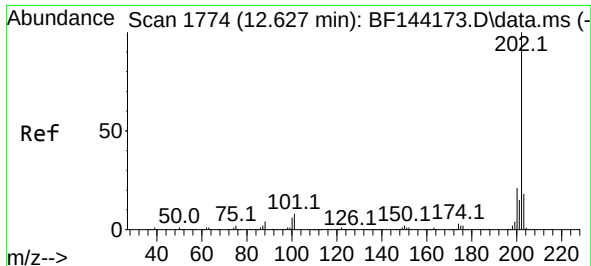
149 100

150 9.0 7.4 11.0

104 3.8 3.4 5.2



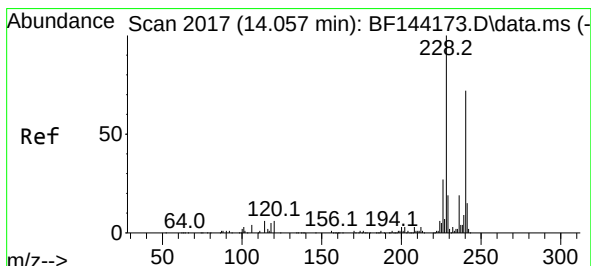
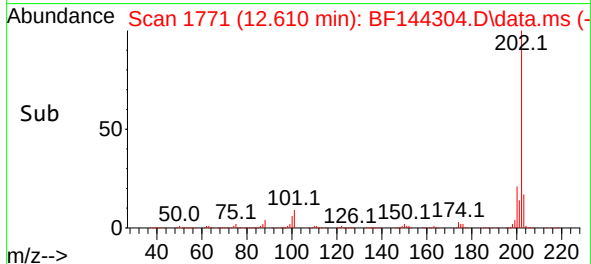
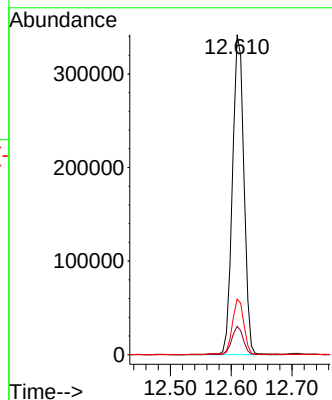
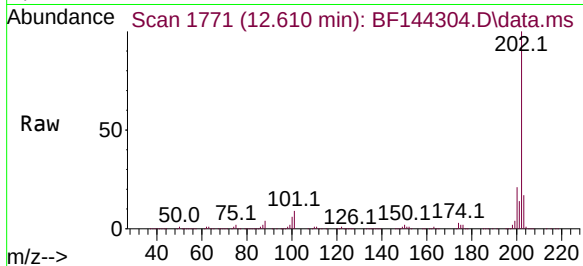




#75  
Fluoranthene  
Concen: 60.745 ng  
RT: 12.610 min Scan# 1774  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

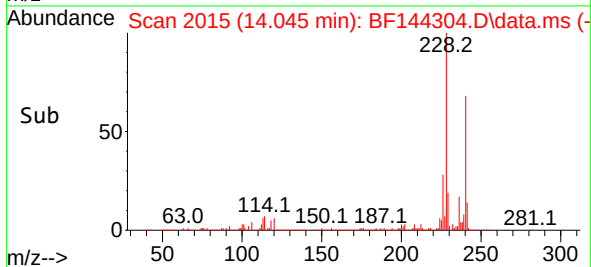
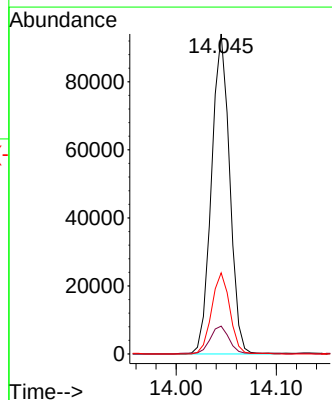
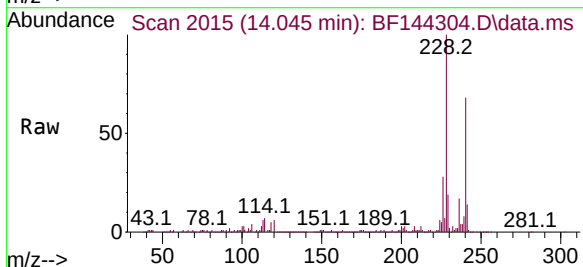
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

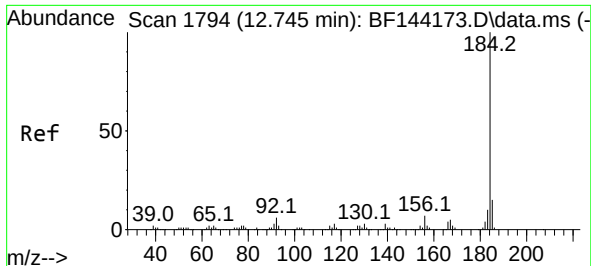
Tgt Ion:202 Resp: 448484  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 27.9  
203 17.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:240 Resp: 118518  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.6 10.0  
236 25.3 21.4 32.2

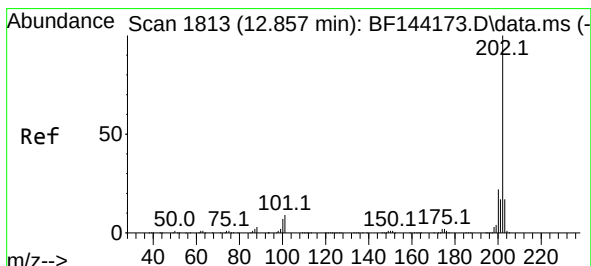
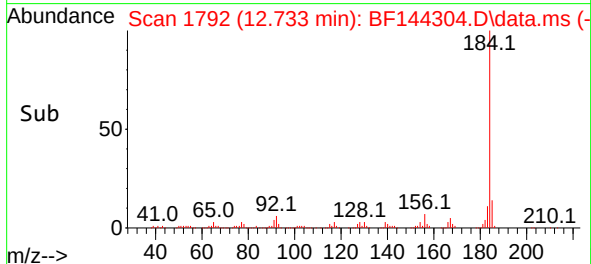
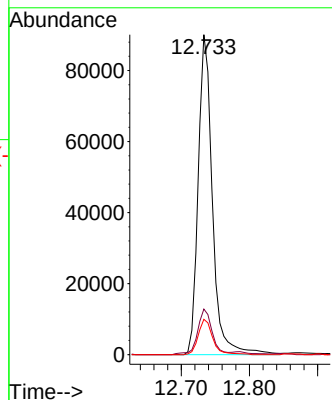
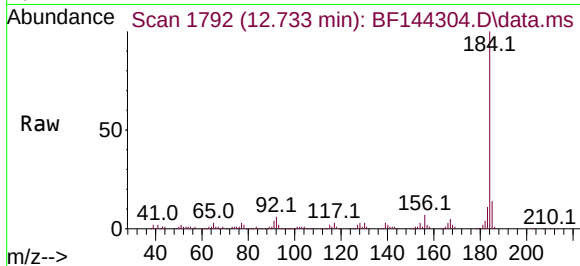




#77  
Benzidine  
Concen: 37.358 ng  
RT: 12.733 min Scan# 1792  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

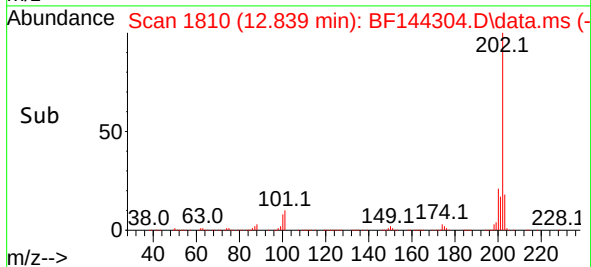
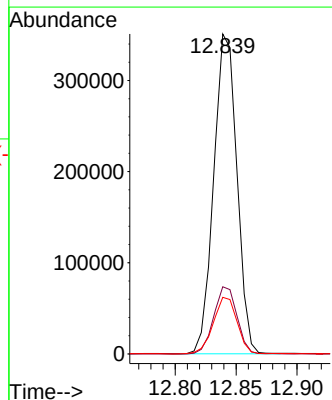
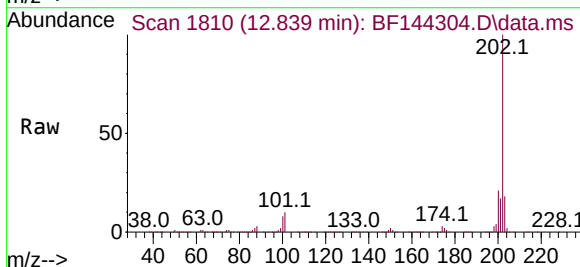
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

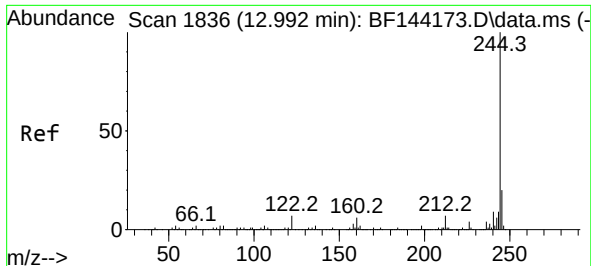
Tgt Ion:184 Resp: 130966  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 11.0 8.3 12.5



#78  
Pyrene  
Concen: 48.612 ng  
RT: 12.839 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:202 Resp: 464531  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.2 25.8  
203 17.7 13.7 20.5

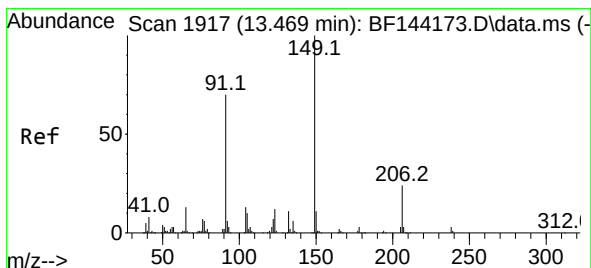
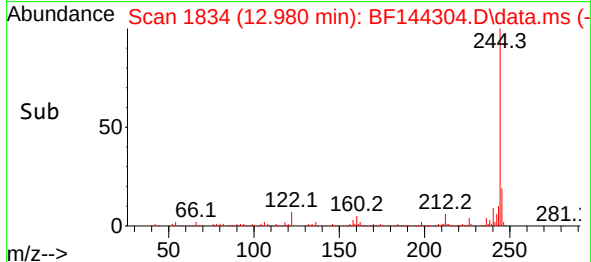
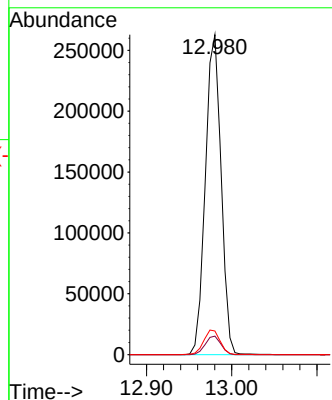
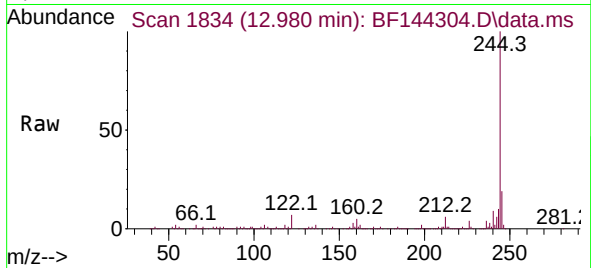




#79  
 Terphenyl-d14  
 Concen: 45.127 ng  
 RT: 12.980 min Scan# 1836  
 Delta R.T. -0.012 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

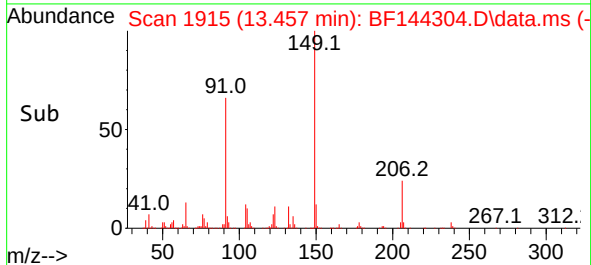
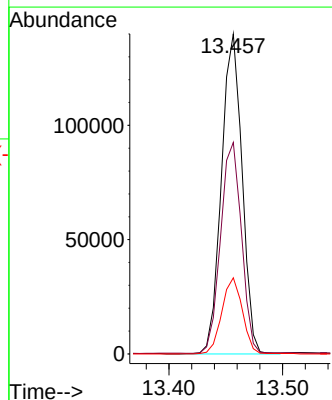
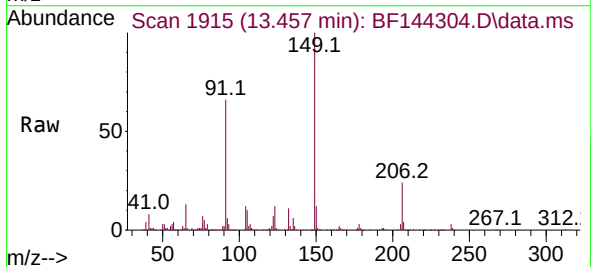
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

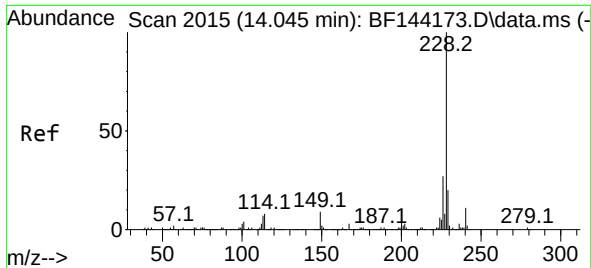
Tgt Ion:244 Resp: 336714  
 Ion Ratio Lower Upper  
 244 100  
 212 5.8 5.3 7.9  
 122 7.4 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 53.245 ng  
 RT: 13.457 min Scan# 1915  
 Delta R.T. -0.012 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

Tgt Ion:149 Resp: 176348  
 Ion Ratio Lower Upper  
 149 100  
 91 66.1 56.1 84.1  
 206 23.8 18.8 28.2

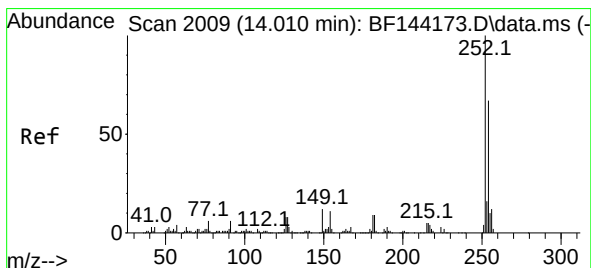
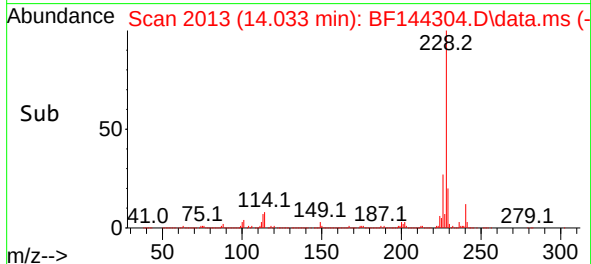
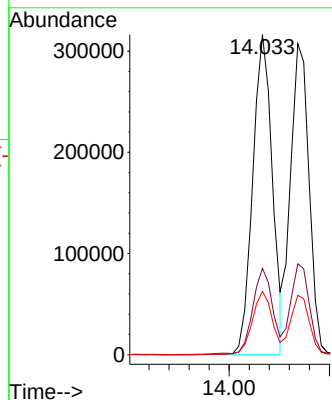
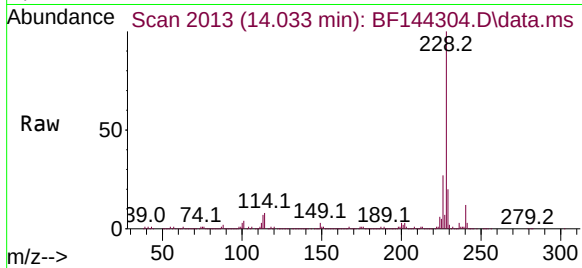




#81  
Benzo(a)anthracene  
Concen: 52.238 ng  
RT: 14.033 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

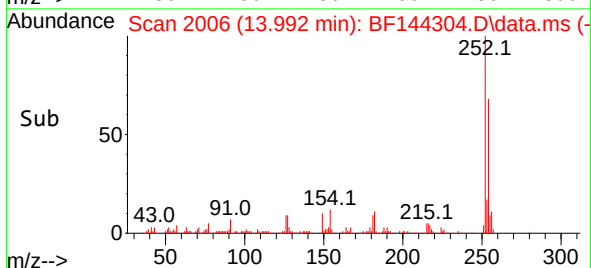
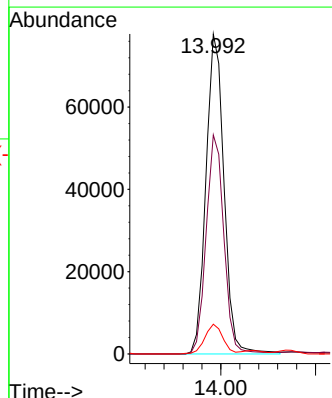
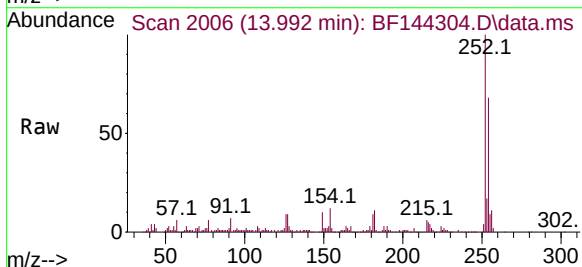
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

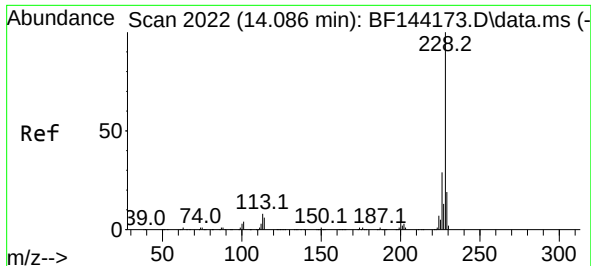
Tgt Ion:228 Resp: 429096  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.8 32.8  
229 19.8 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 36.552 ng  
RT: 13.992 min Scan# 2006  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 102915  
Ion Ratio Lower Upper  
252 100  
254 68.4 53.5 80.3  
126 9.3 6.4 9.6





#83

Chrysene

Concen: 51.918 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

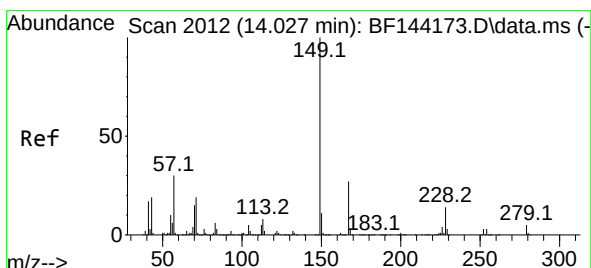
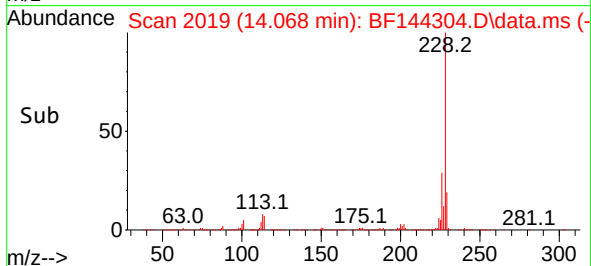
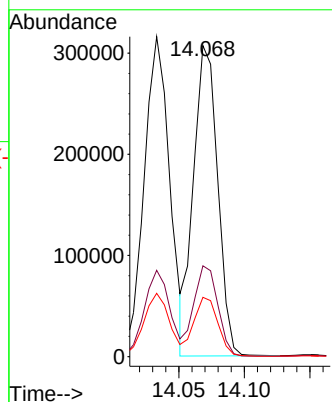
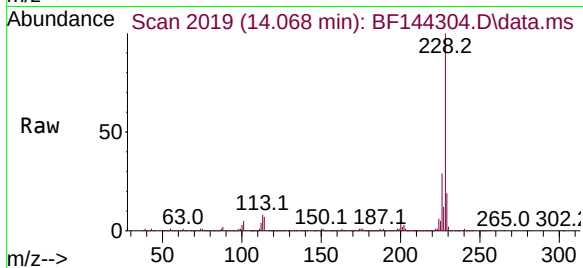
Tgt Ion:228 Resp: 393684

Ion Ratio Lower Upper

228 100

226 29.2 22.9 34.3

229 19.1 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.640 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

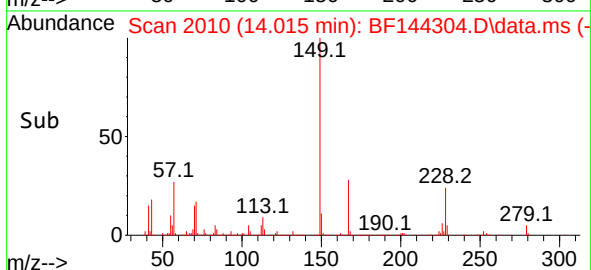
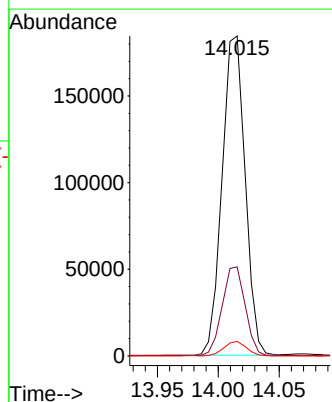
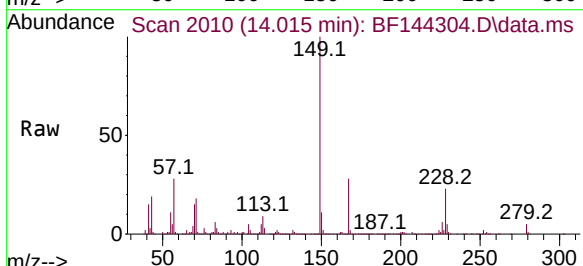
Tgt Ion:149 Resp: 243198

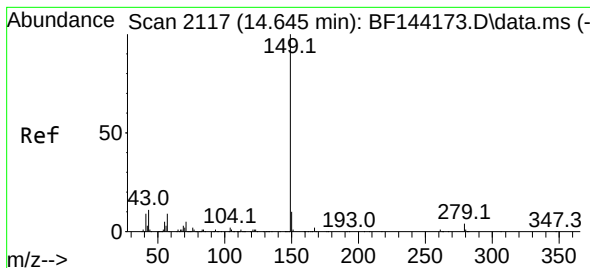
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.173 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA\_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

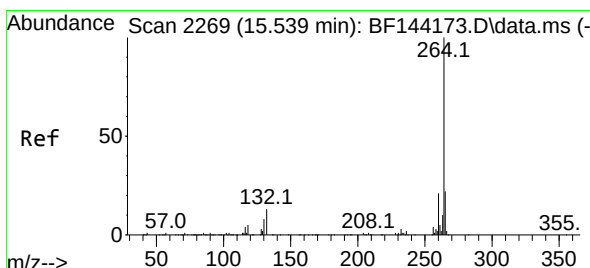
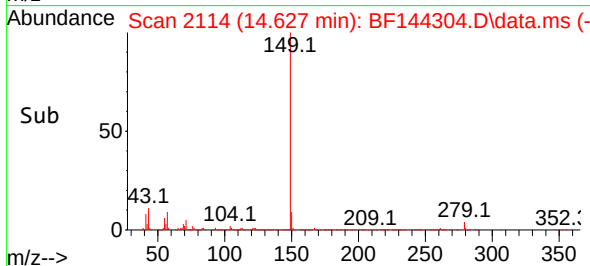
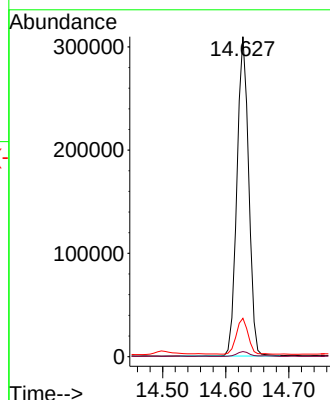
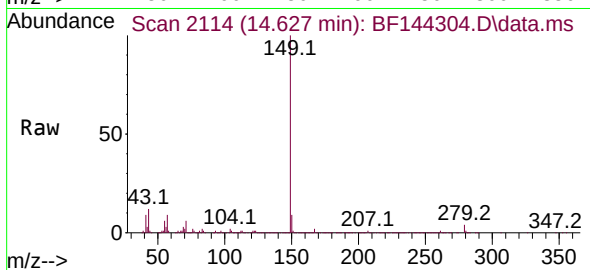
Tgt Ion:149 Resp: 400302

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

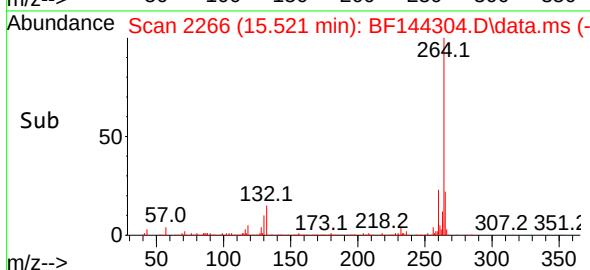
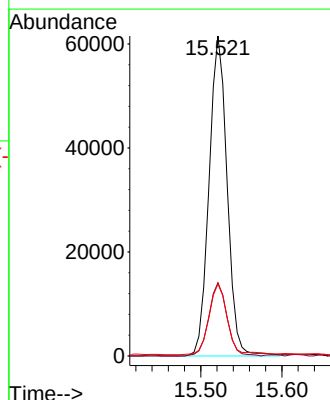
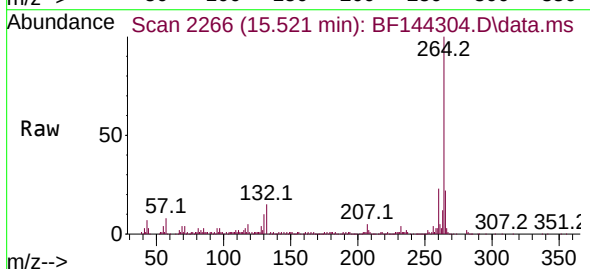
Tgt Ion:264 Resp: 95287

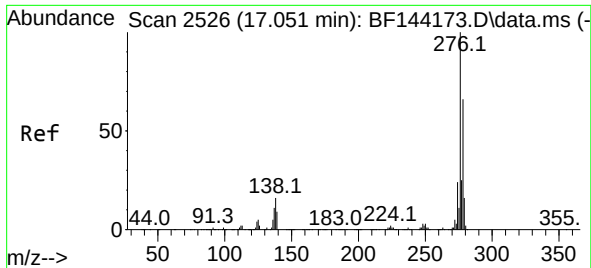
Ion Ratio Lower Upper

264 100

260 22.9 17.1 25.7

265 22.5 17.4 26.0

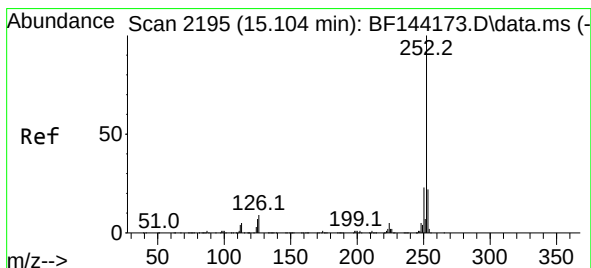
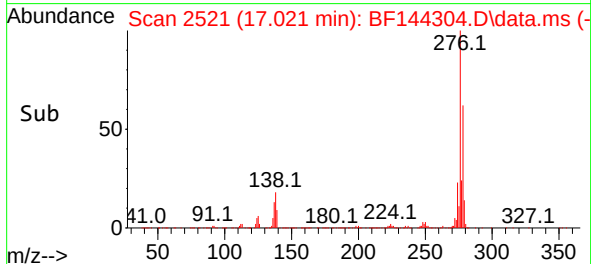
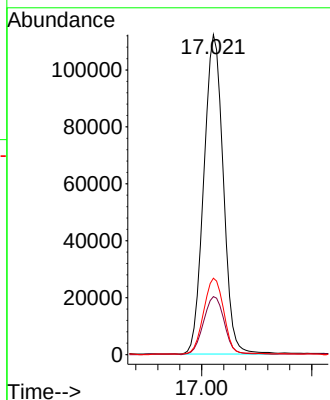
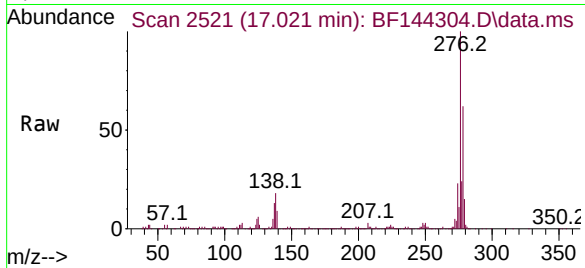




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.262 ng  
 RT: 17.021 min Scan# 211  
 Delta R.T. -0.012 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

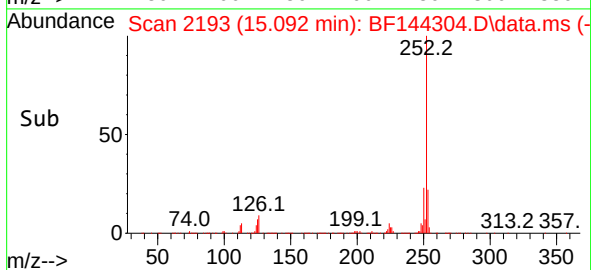
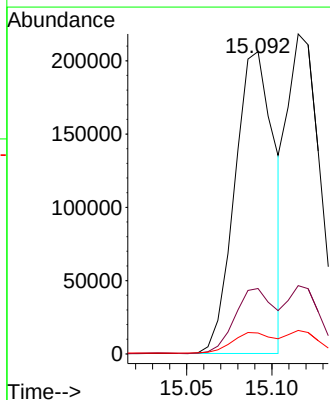
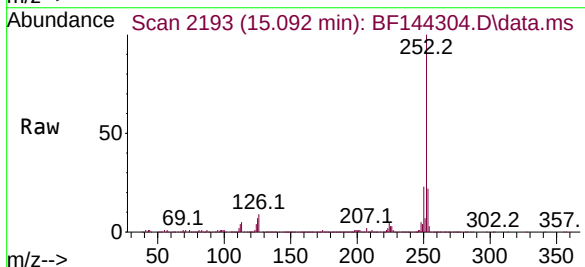
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B3-0.0-1.0-20251117MSD

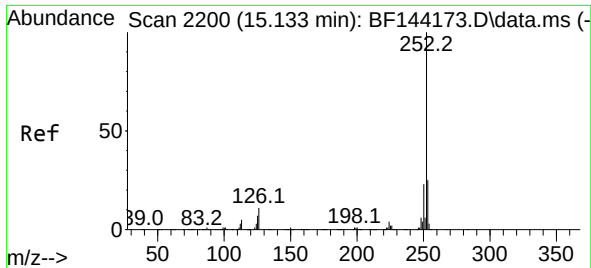
Tgt Ion:276 Resp: 275395  
 Ion Ratio Lower Upper  
 276 100  
 138 19.8 13.9 20.9  
 277 24.6 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 61.216 ng  
 RT: 15.092 min Scan# 2193  
 Delta R.T. -0.006 min  
 Lab File: BF144304.D  
 Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 331622  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.4 26.2  
 125 6.9 5.3 7.9

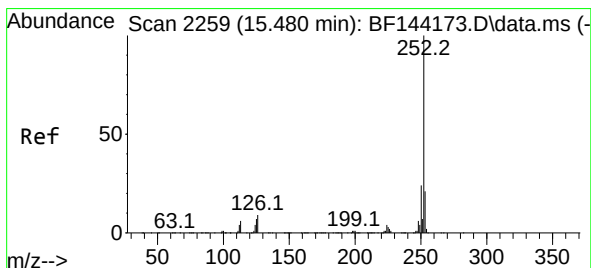
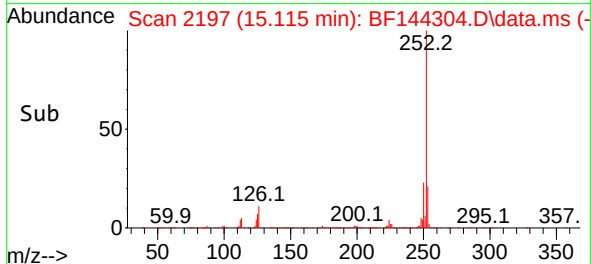
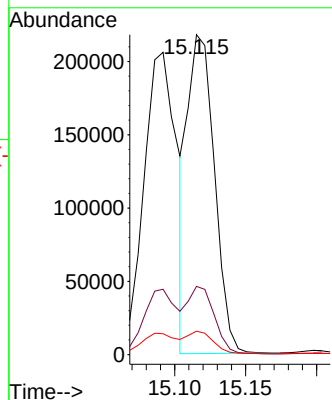
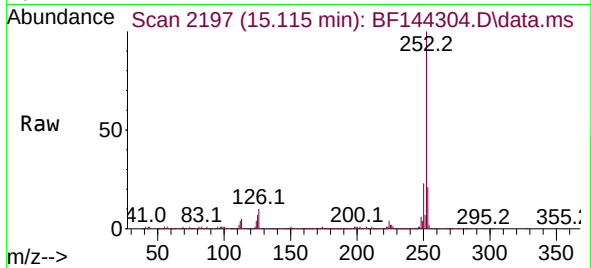




#89  
Benzo(k)fluoranthene  
Concen: 56.588 ng  
RT: 15.115 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

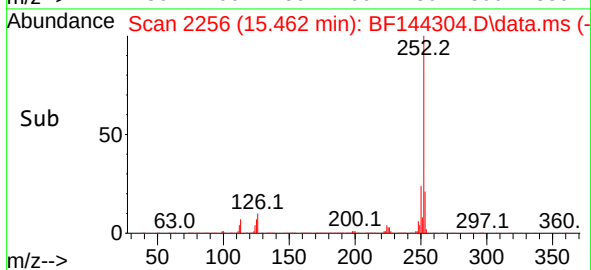
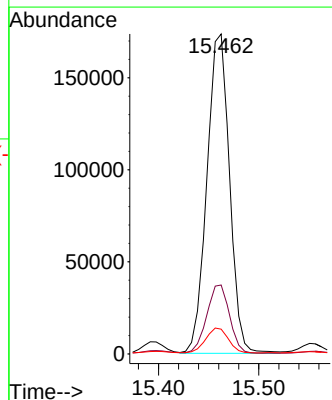
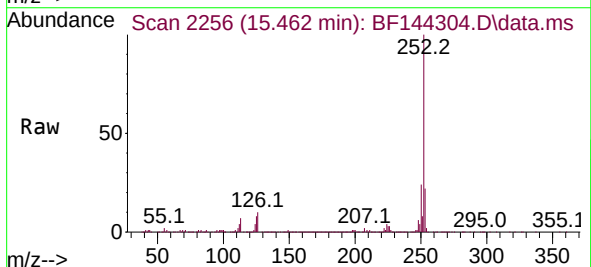
Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

Tgt Ion:252 Resp: 286930  
Ion Ratio Lower Upper  
252 100  
253 21.3 18.0 27.0  
125 7.3 5.4 8.2

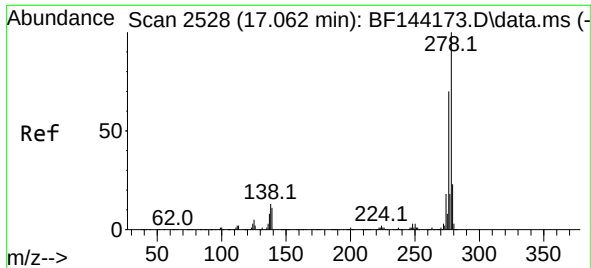


#90  
Benzo(a)pyrene  
Concen: 54.521 ng  
RT: 15.462 min Scan# 2256  
Delta R.T. -0.012 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 272478  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.7 25.1  
125 7.7 5.7 8.5



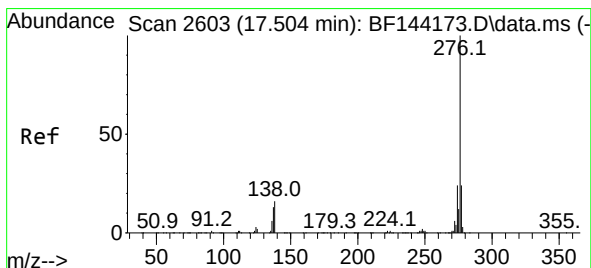
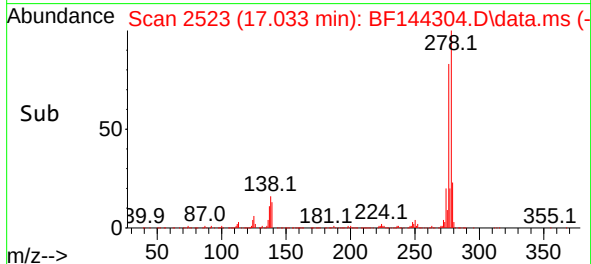
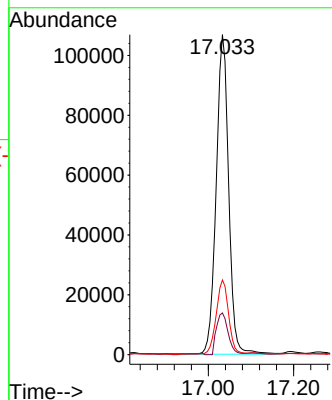
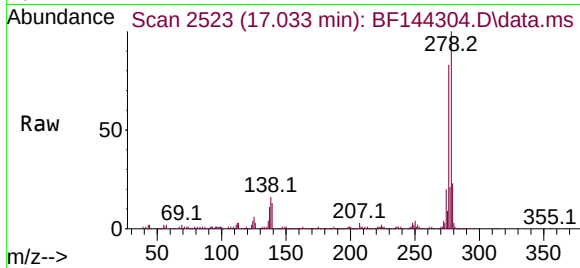




#91  
Dibenzo(a,h)anthracene  
Concen: 39.490 ng  
RT: 17.033 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Instrument :  
BNA\_F  
ClientSampleId :  
B3-0.0-1.0-20251117MSD

Tgt Ion:278 Resp: 216932  
Ion Ratio Lower Upper  
278 100  
139 13.0 9.1 13.7  
279 23.3 18.2 27.4



#92  
Benzo(g,h,i)perylene  
Concen: 41.353 ng  
RT: 17.474 min Scan# 2598  
Delta R.T. -0.018 min  
Lab File: BF144304.D  
Acq: 20 Nov 2025 19:56

Tgt Ion:276 Resp: 224326  
Ion Ratio Lower Upper  
276 100  
277 22.9 19.0 28.4  
138 17.5 12.9 19.3

