

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144087.D  
 Acq On : 27 Oct 2025 17:03  
 Operator : RC/JU  
 Sample : Q3395-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S07-000102-22510170MS

Quant Time: Oct 27 17:30:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 51657    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 204190   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 116963   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 209682   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 136983   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 173026   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 95508    | 29.251 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 153786   | 42.648 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 154965   | 41.579 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 123583   | 82.948 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 337808   | 40.643 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 406286   | 51.851 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 3) Pyridine                   | 3.399  | 79   | 9811     | 2.597  | ng    | 88       |
| 6) Aniline                    | 6.540  | 93   | 187277   | 36.303 | ng    | 95       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 110729   | 34.437 | ng    | 98       |
| 9) Benzaldehyde               | 6.428  | 77   | 49531    | 17.692 | ng    | 98       |
| 10) Phenol                    | 6.516  | 94   | 115817   | 26.034 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 114324   | 35.564 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 149459   | 37.681 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 148841   | 38.077 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 143873   | 38.039 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 109025   | 37.184 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 241977   | 40.052 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 92648    | 37.463 | ng    | 94       |
| 18) Hexachloroethane          | 7.393  | 117  | 54199    | 38.782 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 100436   | 43.072 | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 112089   | 38.340 | ng    | # 84     |
| 22) Acetophenone              | 7.287  | 105  | 185121   | 41.951 | ng    | 95       |
| 24) Nitrobenzene              | 7.457  | 77   | 143802   | 36.474 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 270587   | 41.527 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 75873    | 40.454 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 126026   | 45.216 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 161292   | 39.693 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 129985   | 40.103 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 137243   | 41.158 | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 381027   | 39.537 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 86317    | 48.823 | ng    | 89       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 154295   | 45.991 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 102530   | 37.603 | ng    | 97       |
| 35) Caprolactam               | 8.634  | 113  | 13125    | 16.148 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 133136   | 46.545 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 246217   | 38.750 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 245485   | 40.780 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 169567   | 42.183 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 106792   | 86.014 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 113354   | 43.384 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 120280   | 43.863 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 372132   | 44.446 | ng    | 99       |

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 ALS Vial : 15 Sample Multiplier: 1

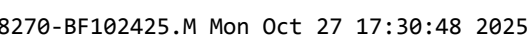
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S07-000102-22510170MS

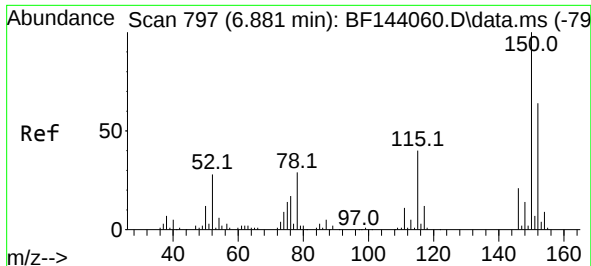
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 279577   | 39.857 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 99394    | 47.718 | ng    | 97       |
| 49) Acenaphthylene            | 9.781  | 152  | 442381   | 46.773 | ng    | 98       |
| 50) Dimethylphthalate         | 9.639  | 163  | 358757   | 46.794 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 74337    | 49.047 | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 279018   | 44.173 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 83912    | 49.796 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 57347    | 69.957 | ng    | 92       |
| 55) Dibenzofuran              | 10.128 | 168  | 382278   | 43.594 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 109204   | 95.702 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 109086   | 53.328 | ng    | # 96     |
| 58) Fluorene                  | 10.469 | 166  | 307301   | 45.992 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 101901   | 52.734 | ng    | # 99     |
| 60) Diethylphthalate          | 10.339 | 149  | 355980   | 49.373 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 168948   | 44.963 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 81536    | 51.067 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 335906   | 49.224 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 52095    | 38.724 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 313609   | 46.811 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 117958   | 44.931 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 146442   | 45.482 | ng    | 97       |
| 69) Atrazine                  | 11.110 | 200  | 109830   | 49.959 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 147900   | 96.502 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 490419   | 47.083 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 490941   | 45.626 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 422550   | 46.137 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 541405   | 48.216 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 512395   | 44.526 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 326909   | 76.682 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 506765   | 51.458 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 194211   | 52.127 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 466010   | 50.339 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 168947   | 52.427 | ng    | 97       |
| 83) Chrysene                  | 14.086 | 228  | 430315   | 49.535 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 251234   | 49.395 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 434149   | 49.634 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 469760   | 39.545 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 462962   | 47.329 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 480747   | 53.269 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 462948   | 52.755 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 383642   | 40.799 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 347818   | 36.791 | ng    | 98       |

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

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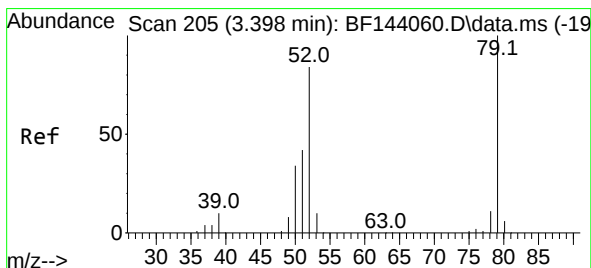
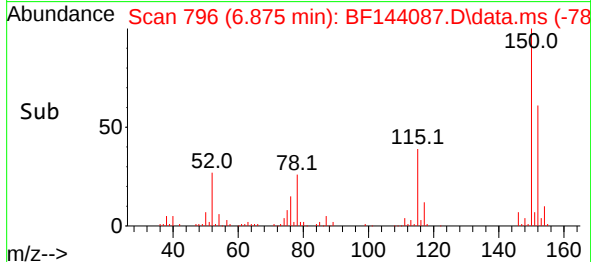
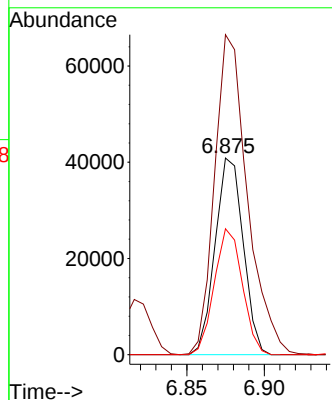
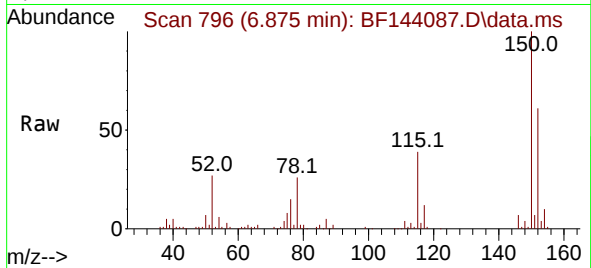




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

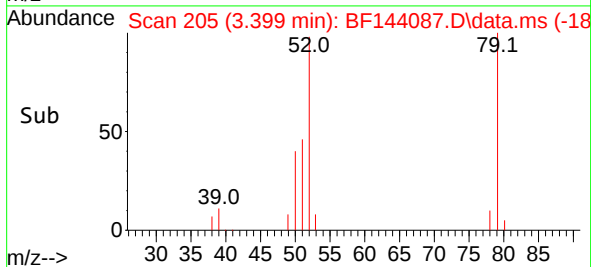
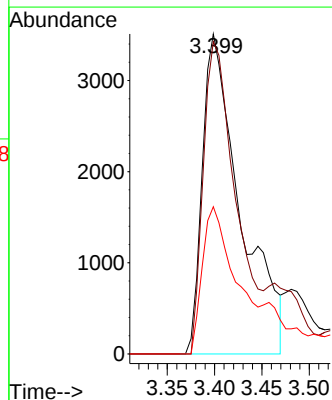
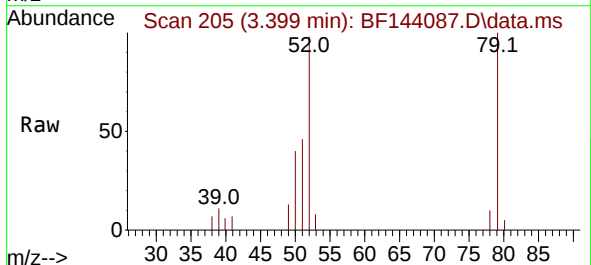
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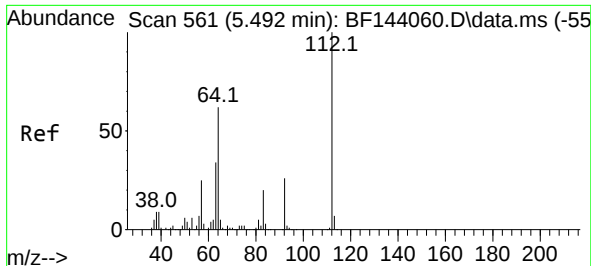
Tgt Ion:152 Resp: 51657  
Ion Ratio Lower Upper  
152 100  
150 162.8 124.4 186.6  
115 64.0 49.4 74.0



#3  
Pyridine  
Concen: 2.597 ng  
RT: 3.399 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion: 79 Resp: 9811  
Ion Ratio Lower Upper  
79 100  
52 97.6 67.5 101.3  
51 46.0 33.6 50.4

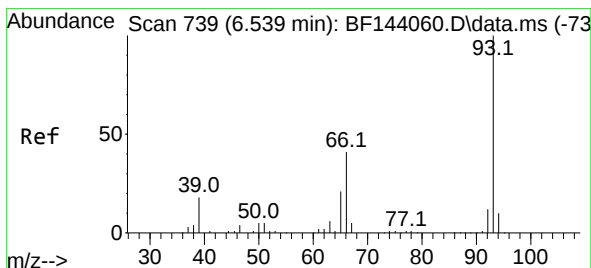
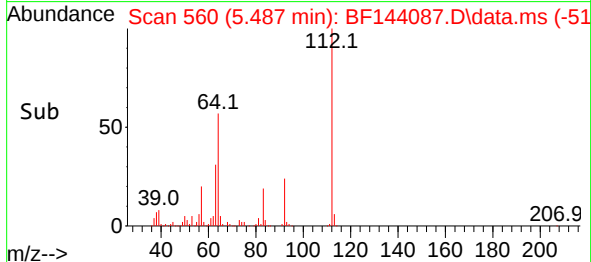
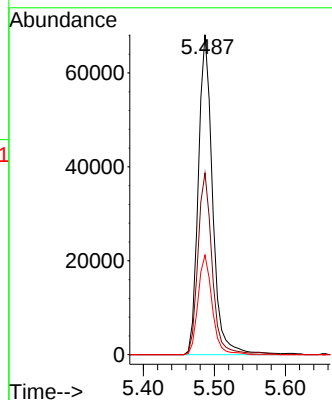
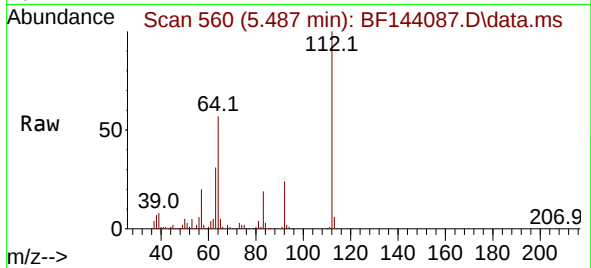




#5  
2-Fluorophenol  
Concen: 29.251 ng  
RT: 5.487 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

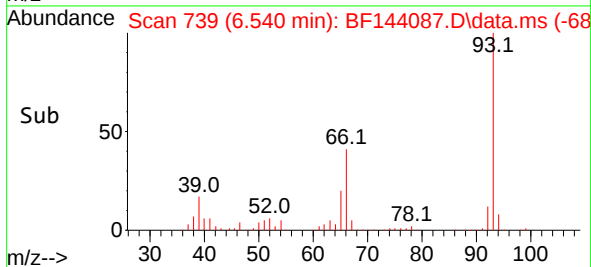
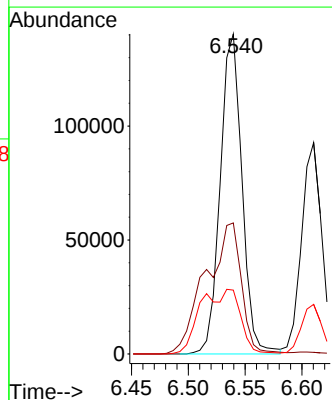
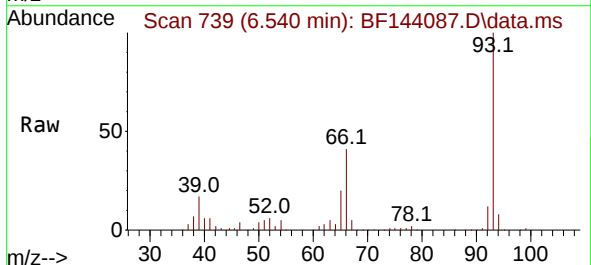
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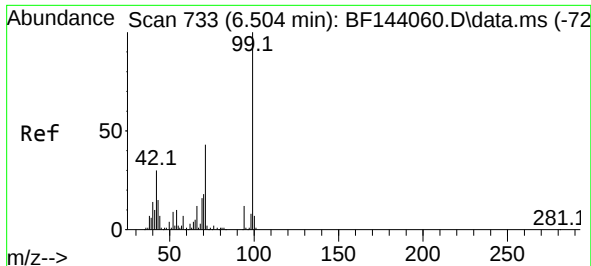
Tgt Ion:112 Resp: 95508  
Ion Ratio Lower Upper  
112 100  
64 56.8 49.8 74.8  
63 31.1 27.4 41.2



#6  
Aniline  
Concen: 36.303 ng  
RT: 6.540 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion: 93 Resp: 187277  
Ion Ratio Lower Upper  
93 100  
66 41.0 35.7 53.5  
65 20.0 17.0 25.6

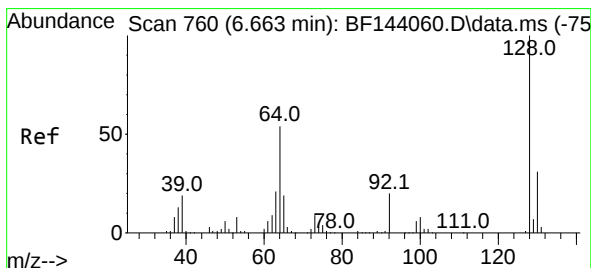
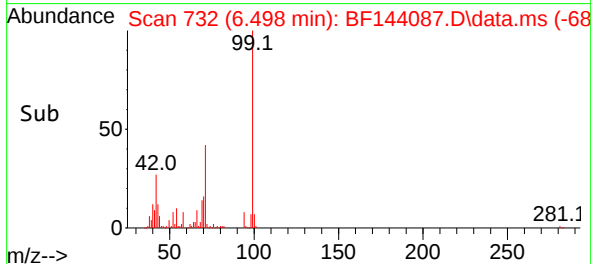
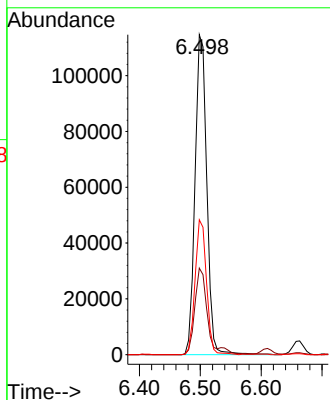
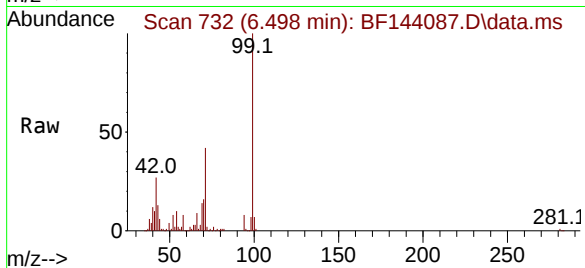




#7  
Phenol-d6  
Concen: 42.648 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

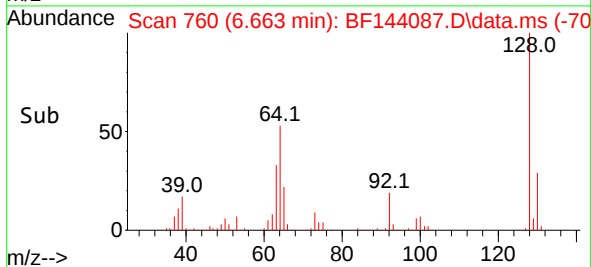
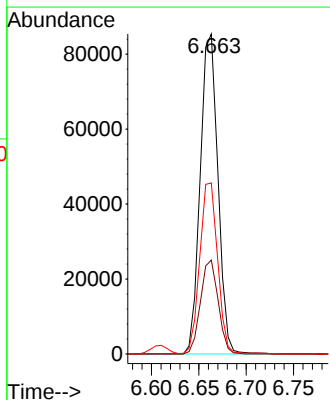
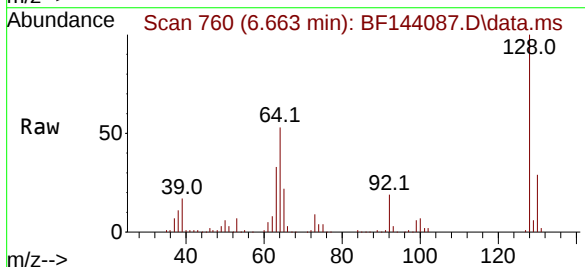
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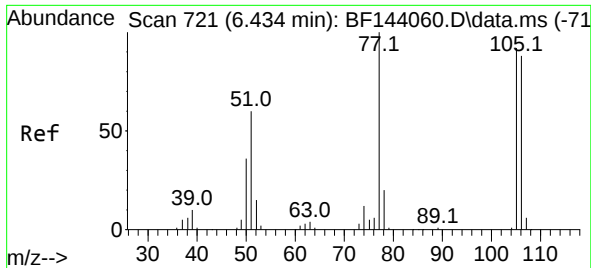
Tgt Ion: 99 Resp: 153786  
Ion Ratio Lower Upper  
99 100  
42 27.1 23.9 35.9  
71 42.2 34.4 51.6



#8  
2-Chlorophenol  
Concen: 34.437 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:128 Resp: 110729  
Ion Ratio Lower Upper  
128 100  
130 29.3 10.7 50.7  
64 53.4 34.7 74.7

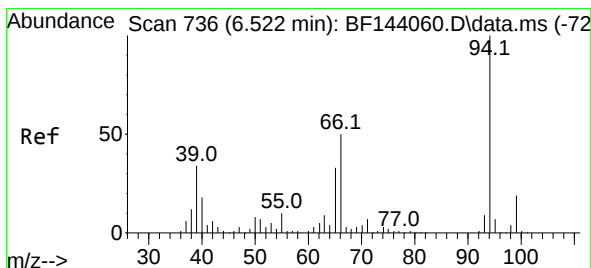
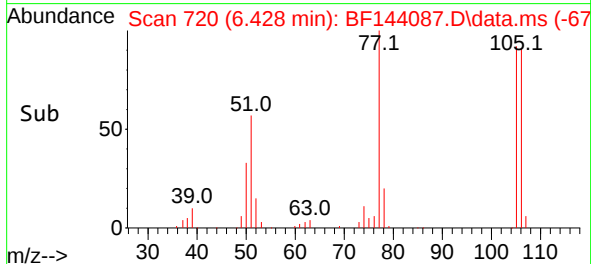
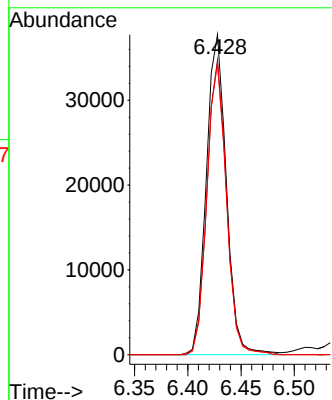
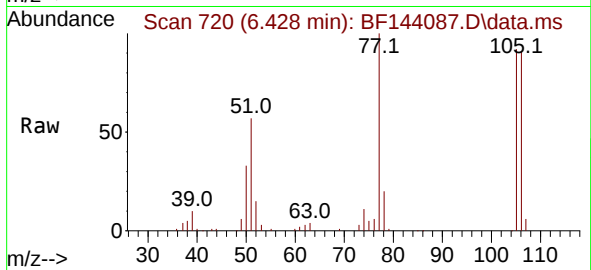




#9  
Benzaldehyde  
Concen: 17.692 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

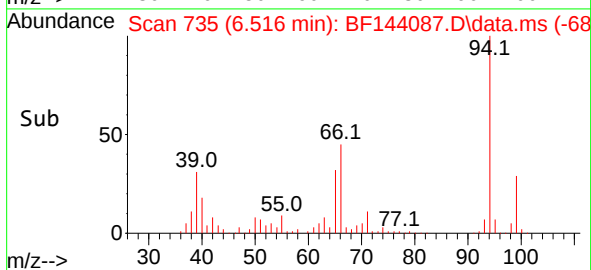
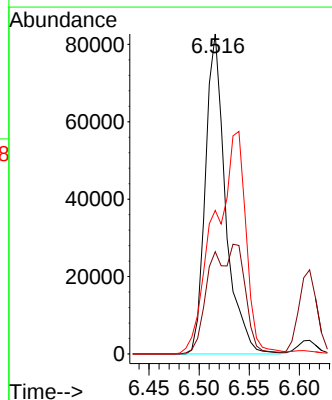
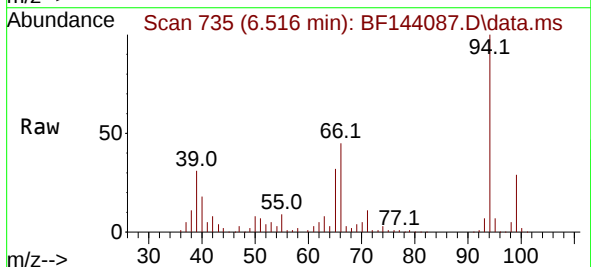
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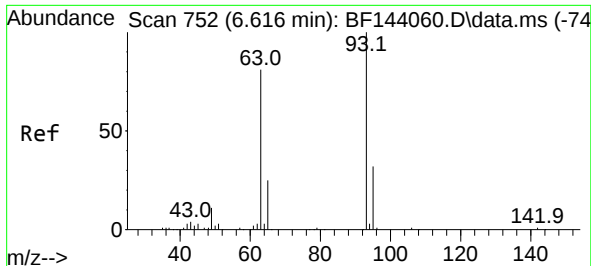
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|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 49531 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 92.1  | 72.2  | 112.2 |
| 106      | 90.9  | 67.9  | 107.9 |



#10  
Phenol  
Concen: 26.034 ng  
RT: 6.516 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 115817 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.0  | 13.1  | 53.1   |
| 66       | 44.9  | 30.6  | 70.6   |

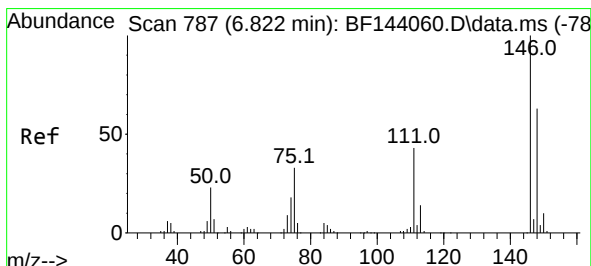
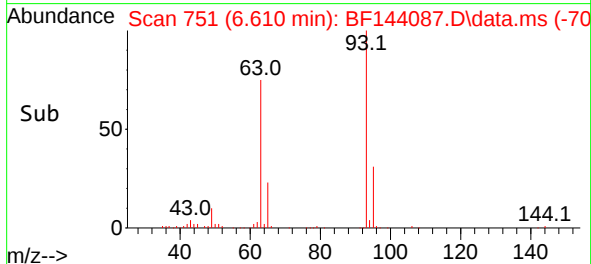
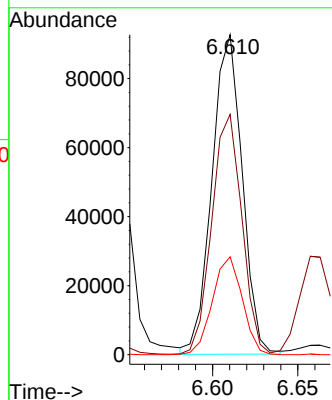
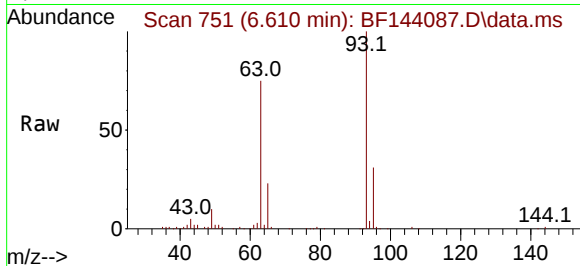




#11  
bis(2-Chloroethyl)ether  
Concen: 35.564 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

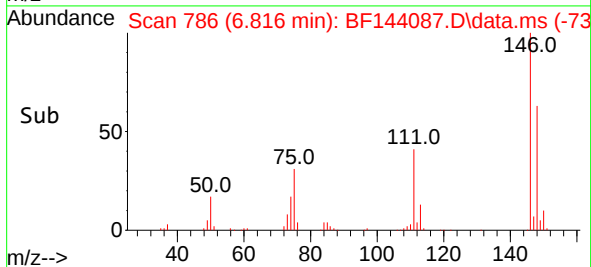
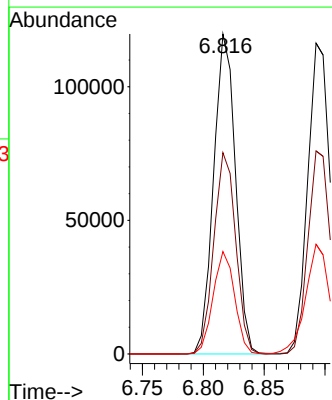
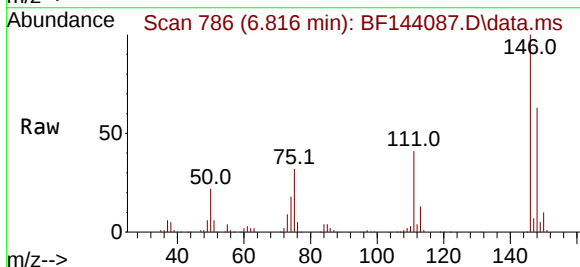
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

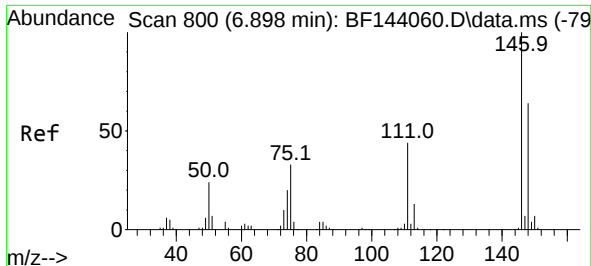
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 114324 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 75.1  | 60.2  | 100.2  |
| 95       | 30.6  | 12.4  | 52.4   |



#12  
1,3-Dichlorobenzene  
Concen: 37.681 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 149459 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.9  | 50.6  | 75.8   |
| 75       | 32.0  | 26.6  | 40.0   |

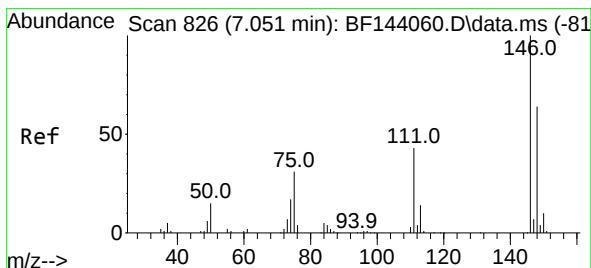
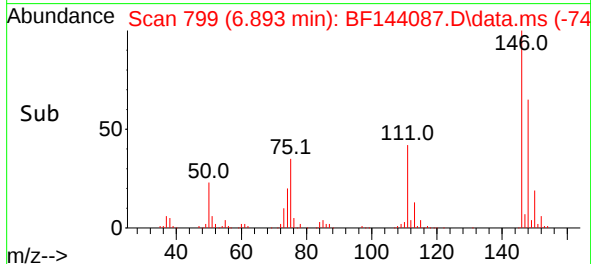
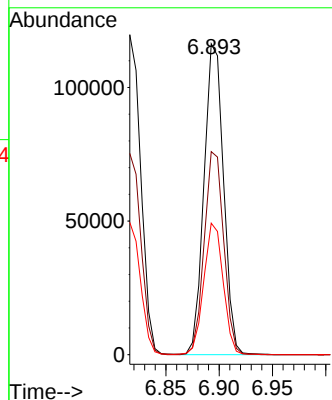
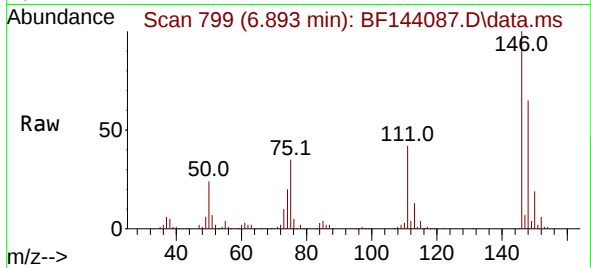




#13  
1,4-Dichlorobenzene  
Concen: 38.077 ng  
RT: 6.893 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

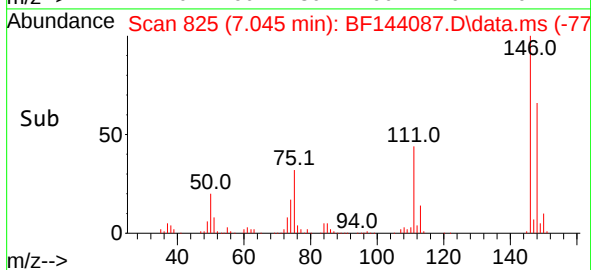
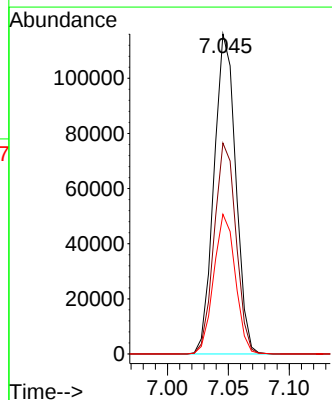
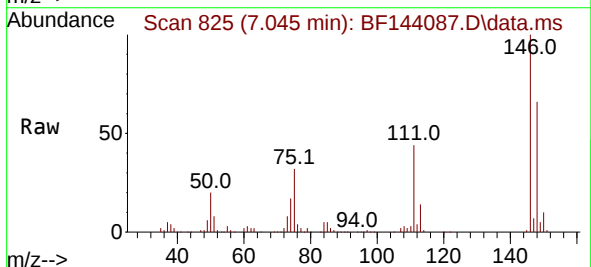
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

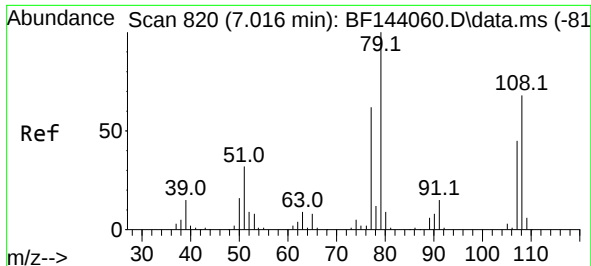
Tgt Ion:146 Resp: 148841  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.0 76.6  
111 42.3 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 38.039 ng  
RT: 7.045 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:146 Resp: 143873  
Ion Ratio Lower Upper  
146 100  
148 65.9 50.8 76.2  
111 43.7 34.7 52.1



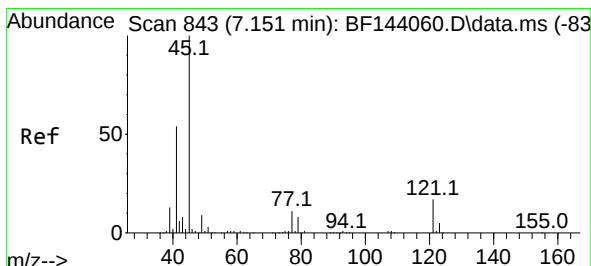
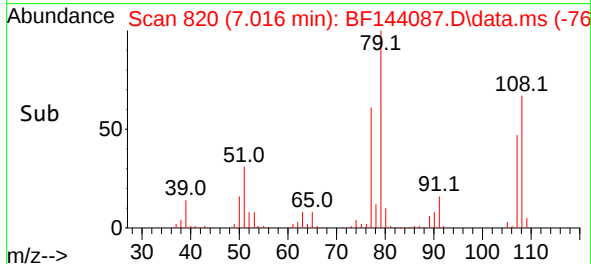
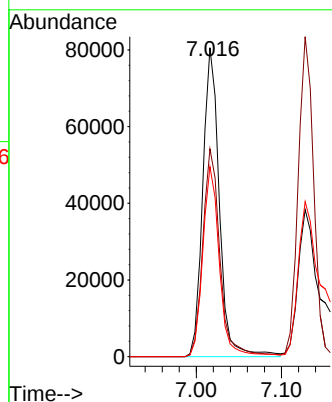
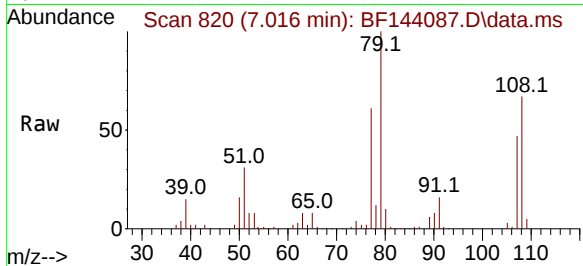


#15  
Benzyl Alcohol  
Concen: 37.184 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

Tgt Ion: 79 Resp: 109025

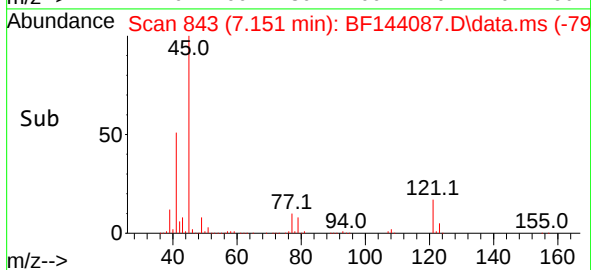
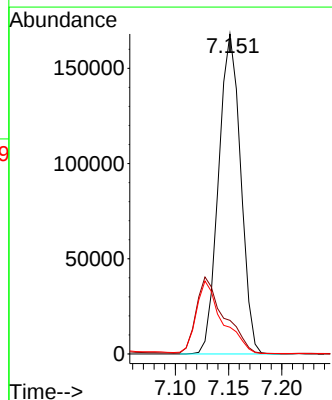
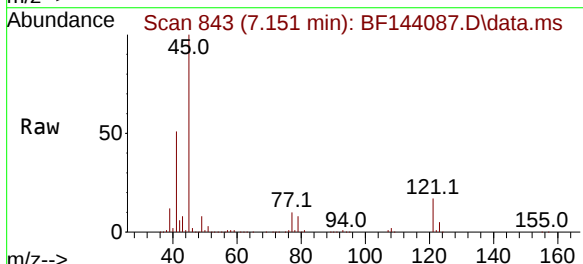
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 67.2  | 54.8  | 82.2  |
| 77  | 61.4  | 49.4  | 74.0  |

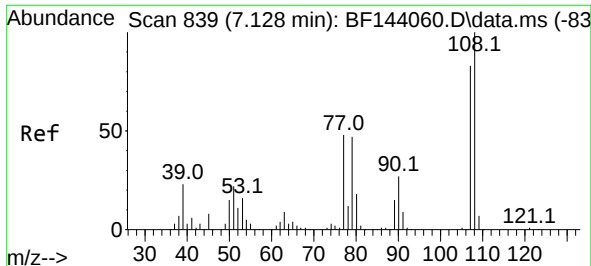


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.052 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion: 45 Resp: 241977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 10.5  | 0.0   | 30.9  |
| 79  | 8.4   | 0.0   | 28.2  |

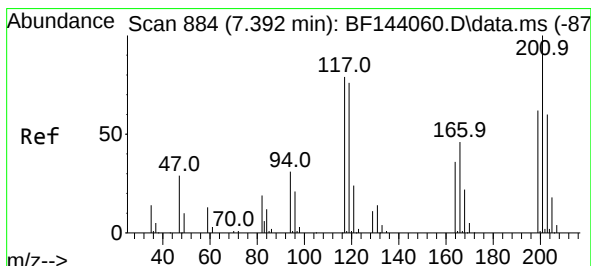
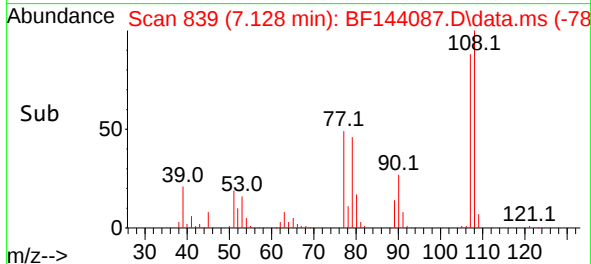
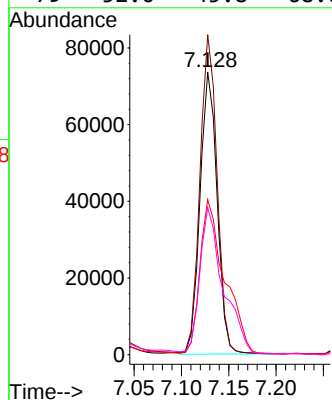
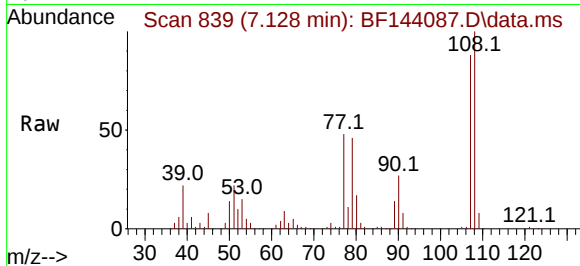




#17  
2-Methylphenol  
Concen: 37.463 ng  
RT: 7.128 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

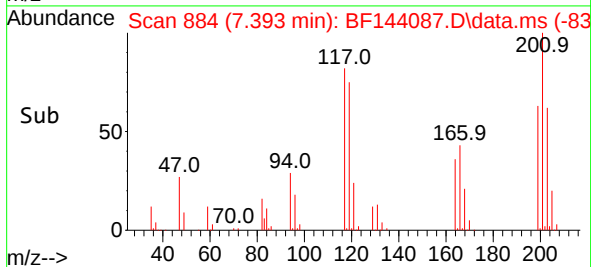
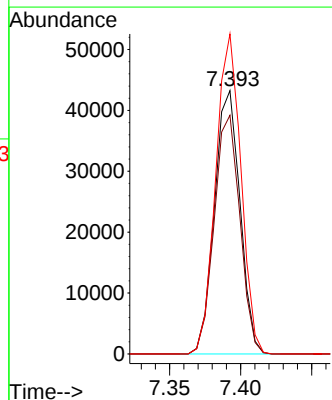
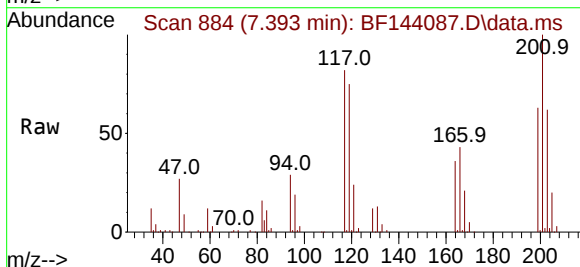
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

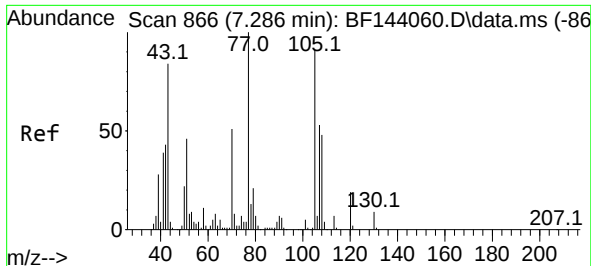
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 92648 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.3 | 96.4  | 144.6 |
| 77       | 54.9  | 46.8  | 70.2  |
| 79       | 52.0  | 45.8  | 68.6  |



#18  
Hexachloroethane  
Concen: 38.782 ng  
RT: 7.393 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 54199 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.7  | 76.6  | 115.0 |
| 201      | 121.5 | 100.9 | 151.3 |



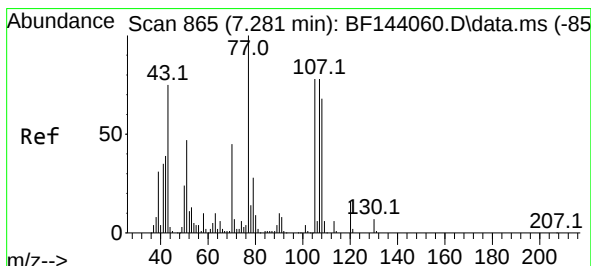
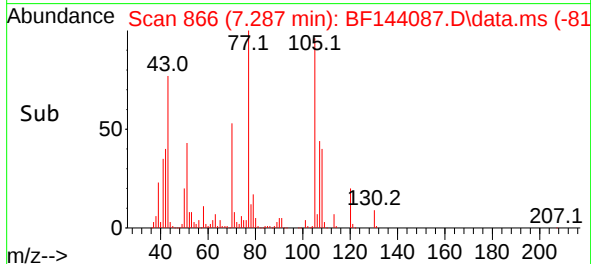
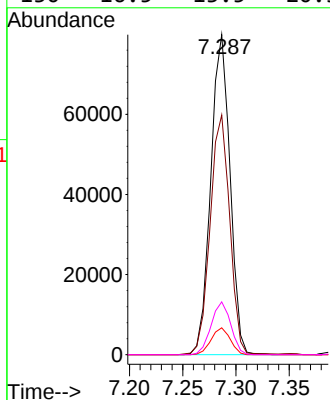
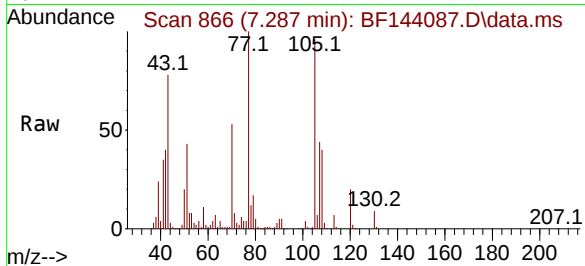


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.072 ng  
RT: 7.287 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

Tgt Ion: 70 Resp: 100436

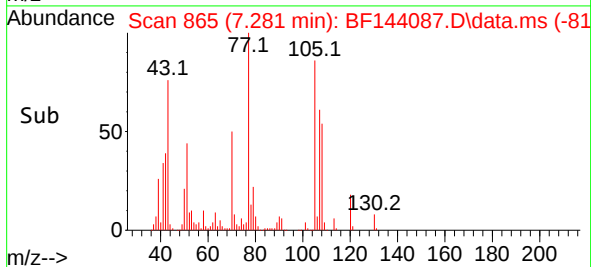
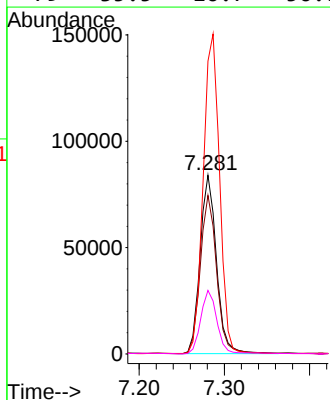
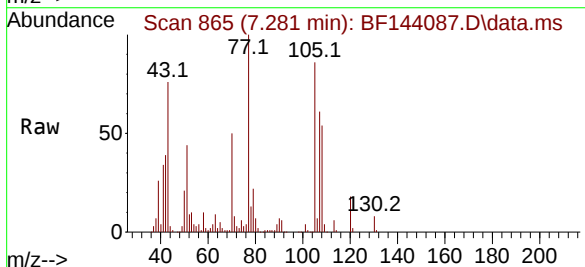
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 74.9  | 67.4  | 101.0 |
| 101 | 8.4   | 7.1   | 10.7  |
| 130 | 16.5  | 13.5  | 20.3  |

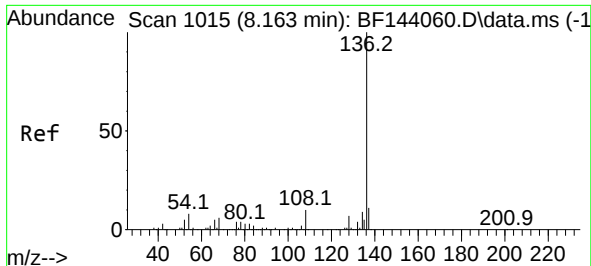


#20  
3+4-Methylphenols  
Concen: 38.340 ng  
RT: 7.281 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion: 107 Resp: 112089

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 88.7  | 68.0  | 108.0  |
| 77  | 163.8 | 108.7 | 148.7# |
| 79  | 35.5  | 16.7  | 56.7   |

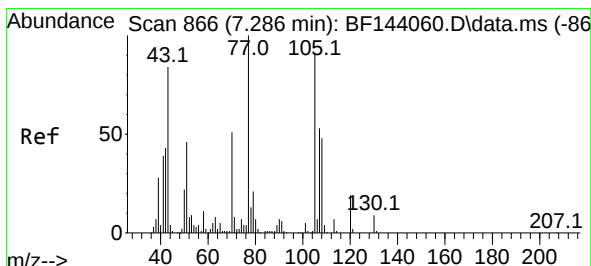
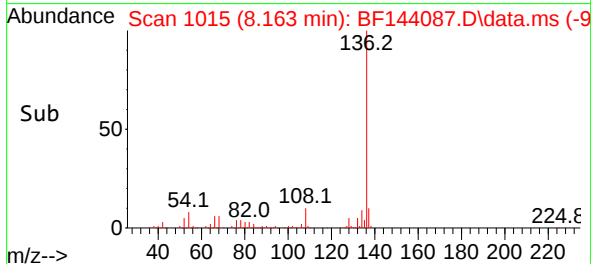
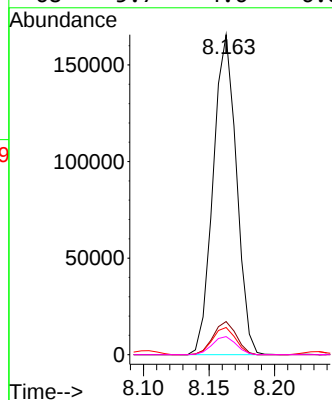
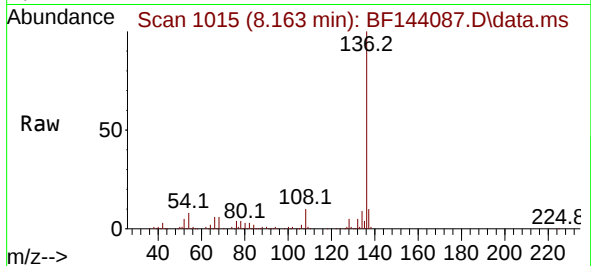




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

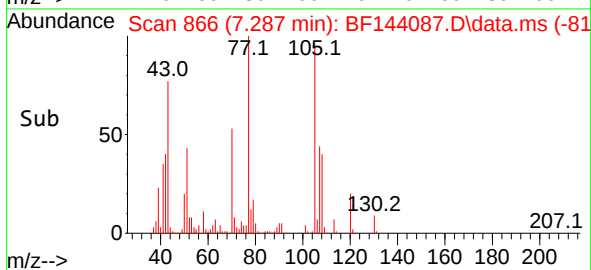
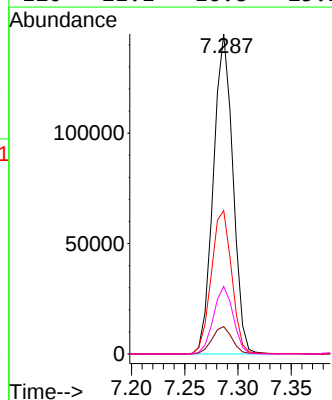
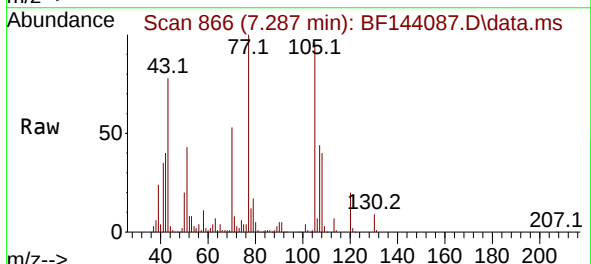
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

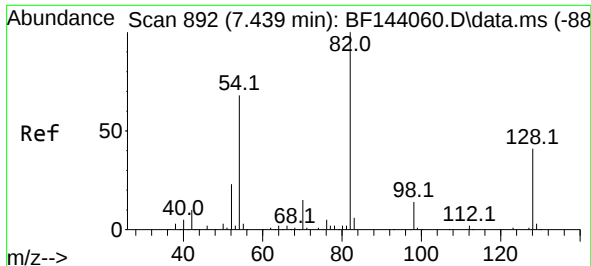
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 204190 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.4  | 8.6   | 13.0   |
| 54        | 8.5   | 6.6   | 9.8    |
| 68        | 5.7   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 41.951 ng  
RT: 7.287 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 185121 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.6   | 6.9   | 10.3   |
| 51        | 44.8  | 40.6  | 60.8   |
| 120       | 21.1  | 16.8  | 25.2   |





#23

Nitrobenzene-d5

Concen: 41.579 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

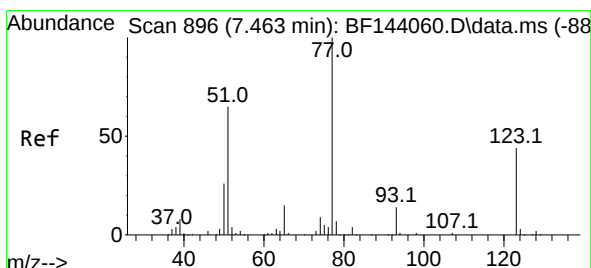
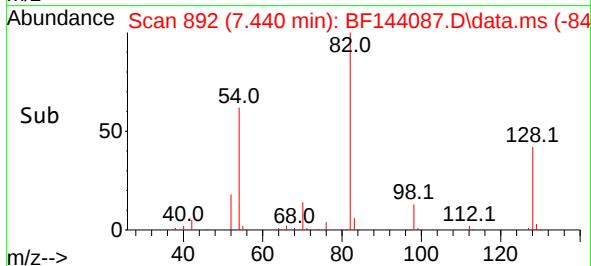
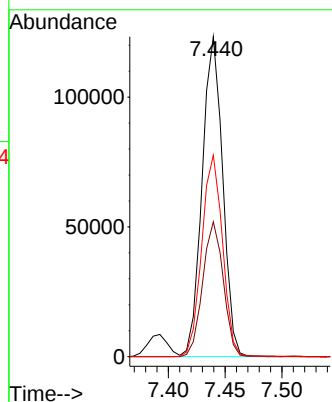
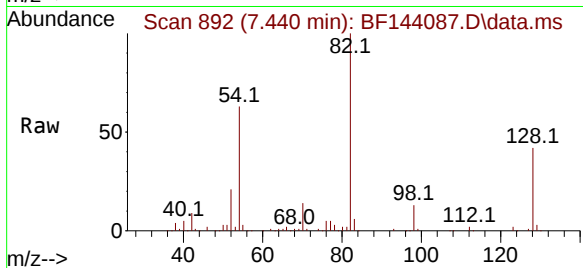
Tgt Ion: 82 Resp: 154965

Ion Ratio Lower Upper

82 100

128 42.1 32.4 48.6

54 63.0 54.0 81.0



#24

Nitrobenzene

Concen: 36.474 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

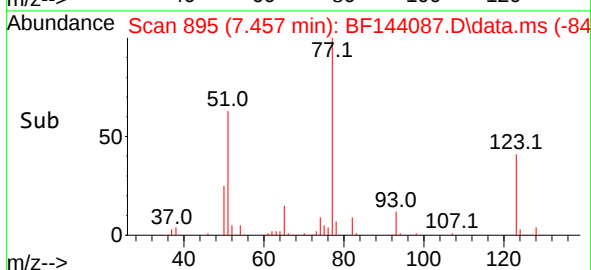
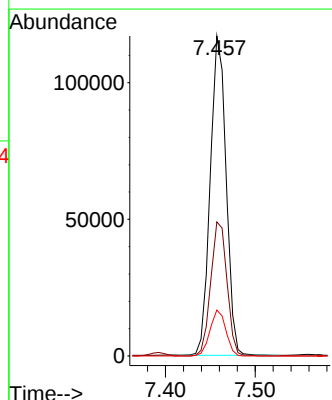
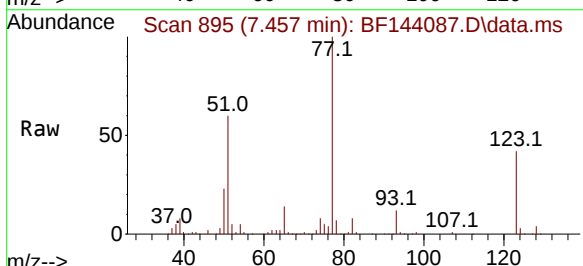
Tgt Ion: 77 Resp: 143802

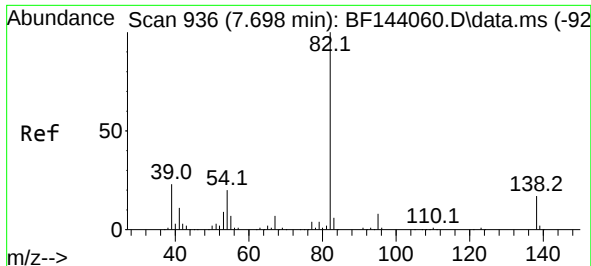
Ion Ratio Lower Upper

77 100

123 41.9 35.0 52.6

65 14.4 12.2 18.2

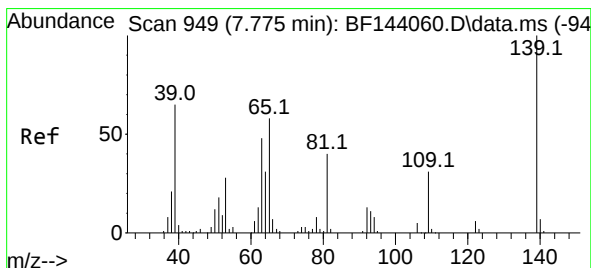
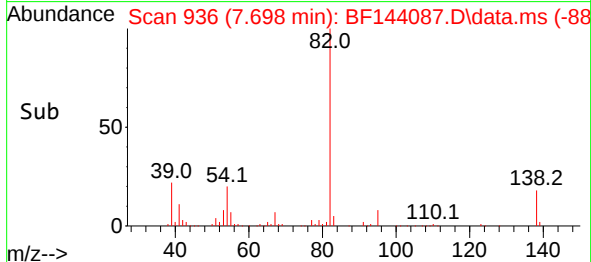
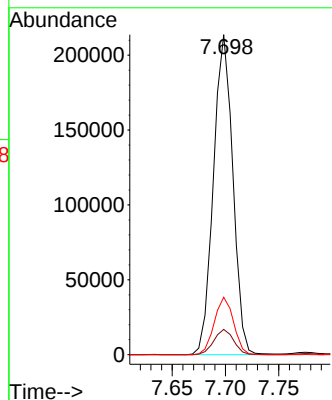
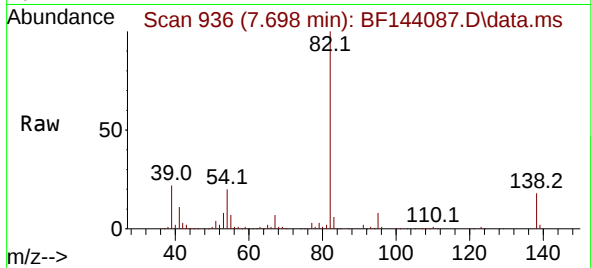




#25  
Isophorone  
Concen: 41.527 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

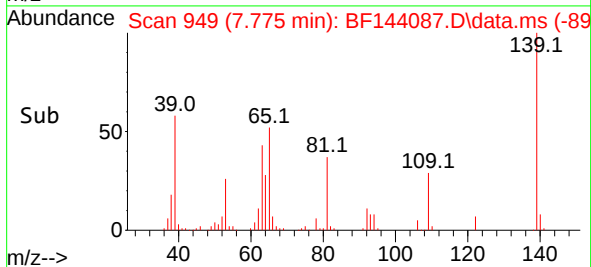
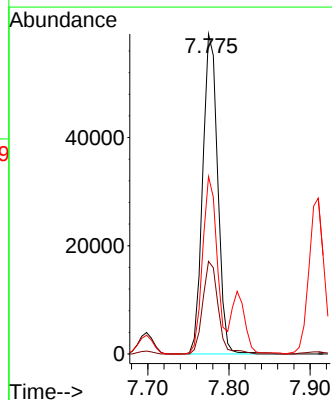
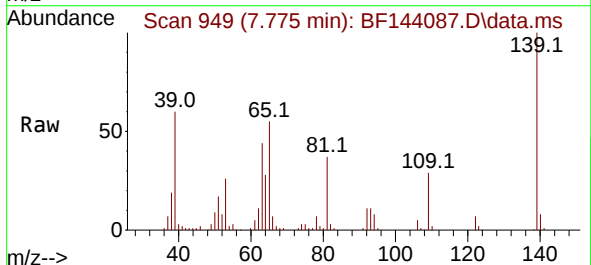
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

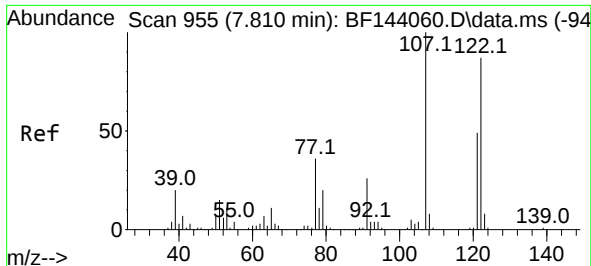
Tgt Ion: 82 Resp: 270587  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.6 9.8  
138 17.9 13.8 20.8



#26  
2-Nitrophenol  
Concen: 40.454 ng  
RT: 7.775 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:139 Resp: 75873  
Ion Ratio Lower Upper  
139 100  
109 29.0 24.6 37.0  
65 55.5 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 45.216 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

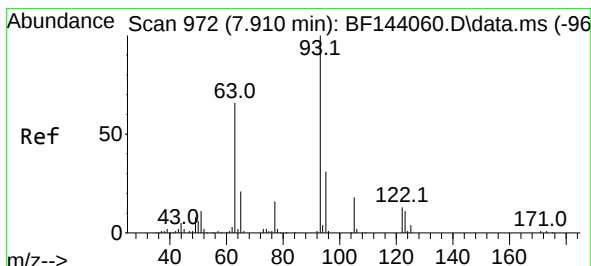
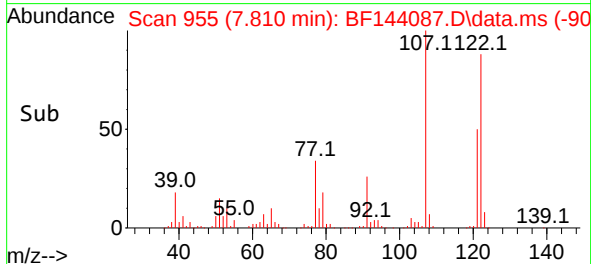
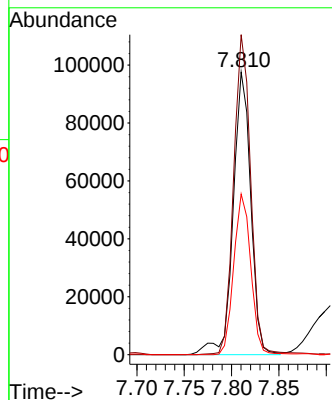
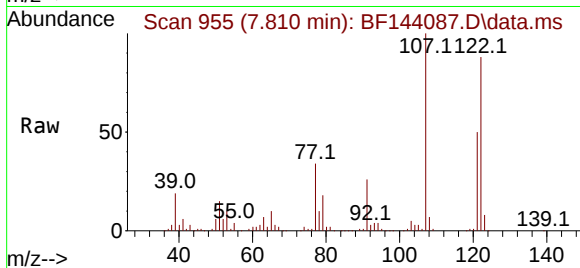
Tgt Ion:122 Resp: 126026

Ion Ratio Lower Upper

122 100

107 113.3 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.693 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

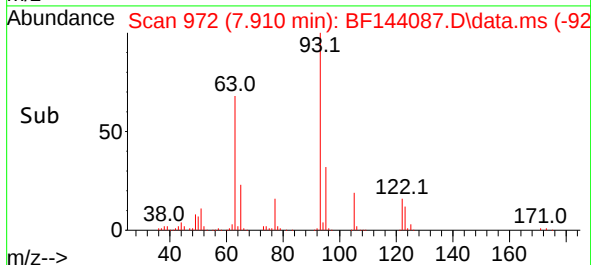
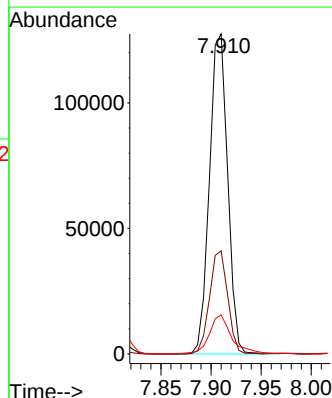
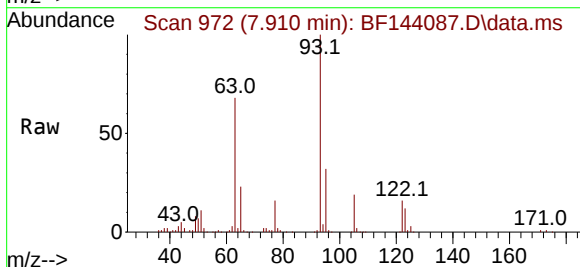
Tgt Ion: 93 Resp: 161292

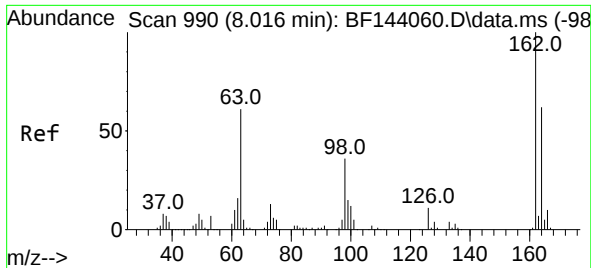
Ion Ratio Lower Upper

93 100

95 32.2 24.6 36.8

123 12.2 9.1 13.7

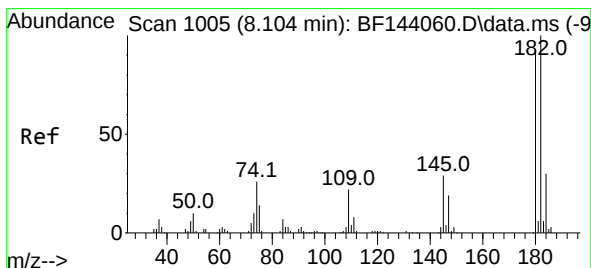
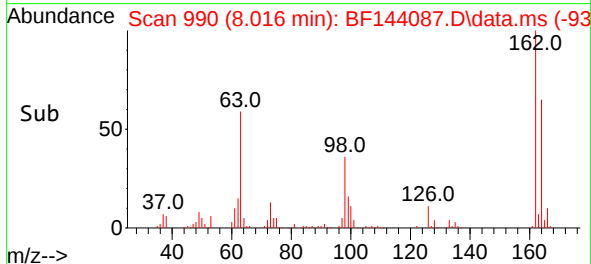
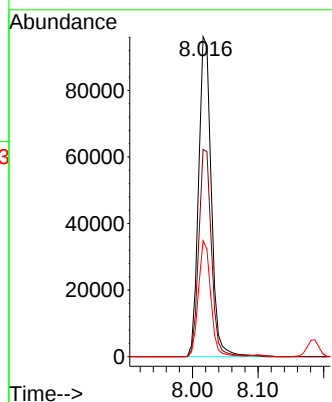
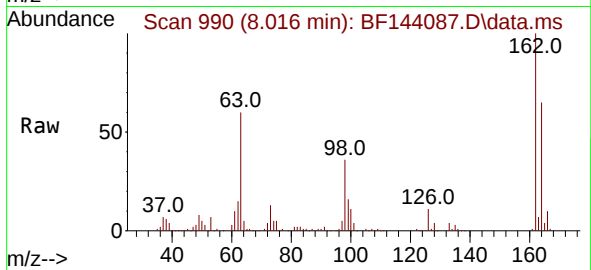




#29  
2,4-Dichlorophenol  
Concen: 40.103 ng  
RT: 8.016 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

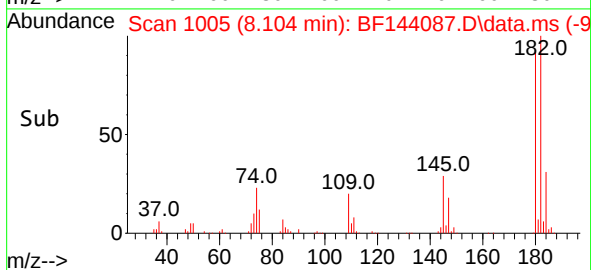
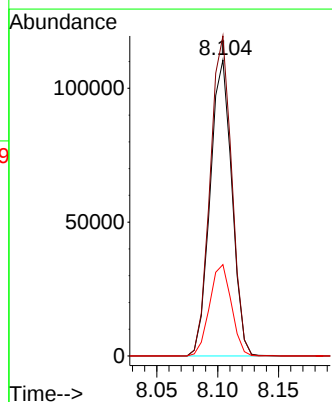
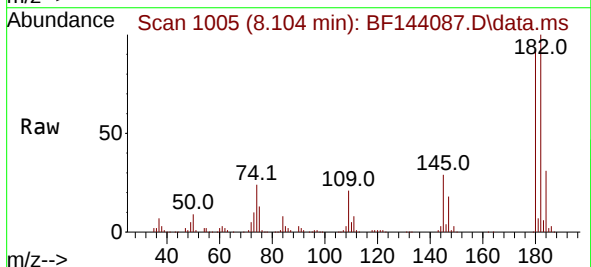
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

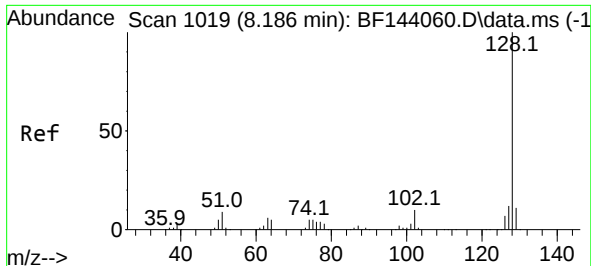
Tgt Ion:162 Resp: 129985  
Ion Ratio Lower Upper  
162 100  
164 64.7 42.1 82.1  
98 36.2 16.0 56.0



#30  
1,2,4-Trichlorobenzene  
Concen: 41.158 ng  
RT: 8.104 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

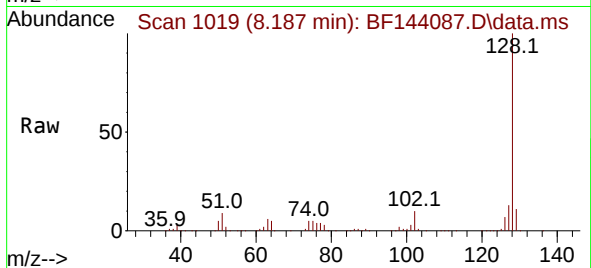
Tgt Ion:180 Resp: 137243  
Ion Ratio Lower Upper  
180 100  
182 108.1 87.1 130.7  
145 30.9 25.3 37.9



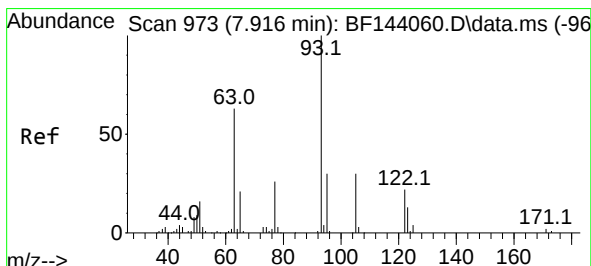
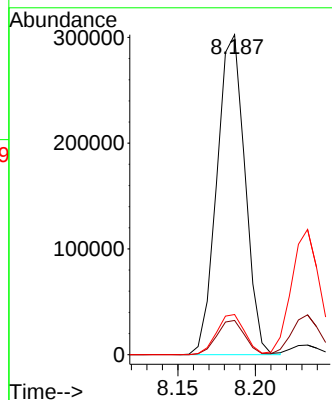
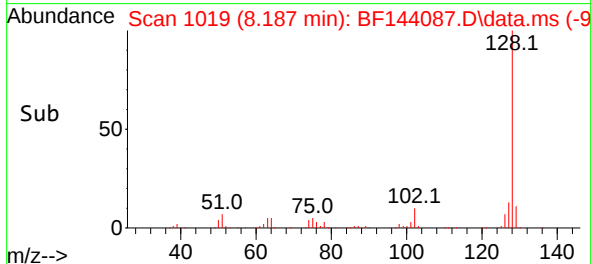


#31  
Naphthalene  
Concen: 39.537 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

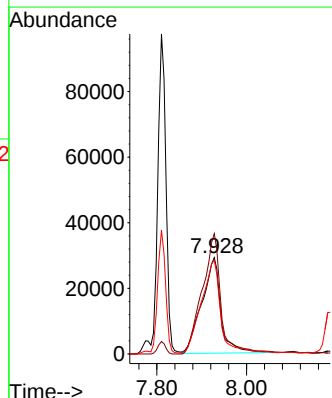
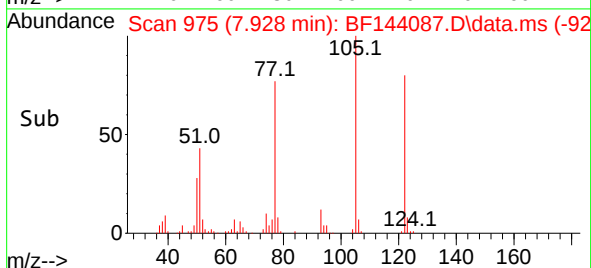
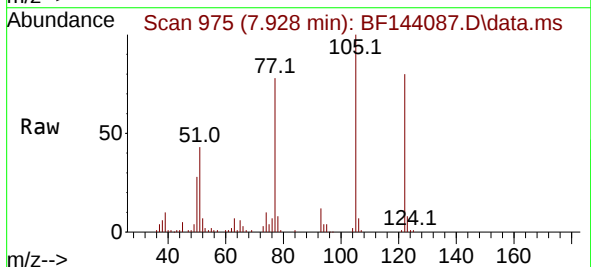


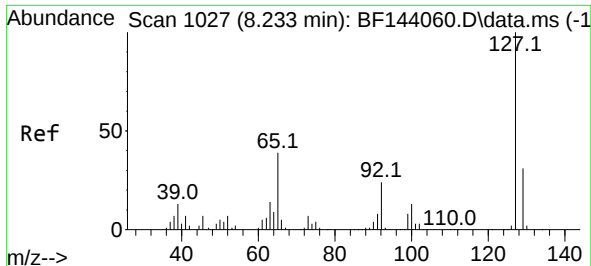
Tgt Ion:128 Resp: 381027  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.4 12.6  
127 12.6 9.9 14.9



#32  
Benzoic acid  
Concen: 48.823 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:122 Resp: 86317  
Ion Ratio Lower Upper  
122 100  
105 124.8 111.3 151.3  
77 97.3 96.7 136.7

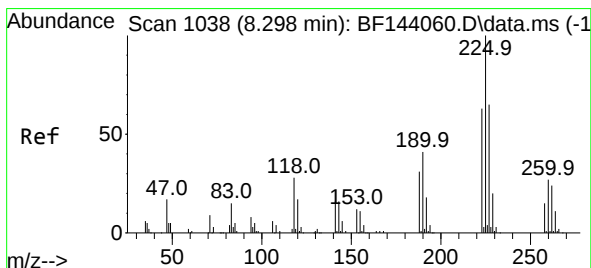
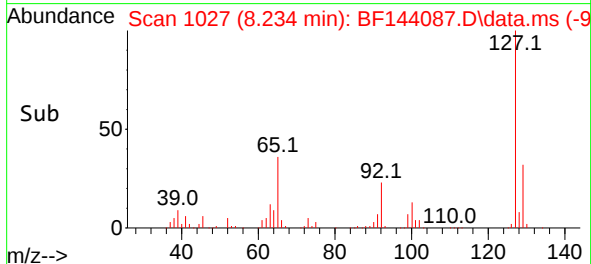
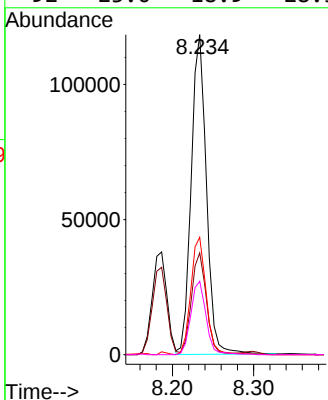
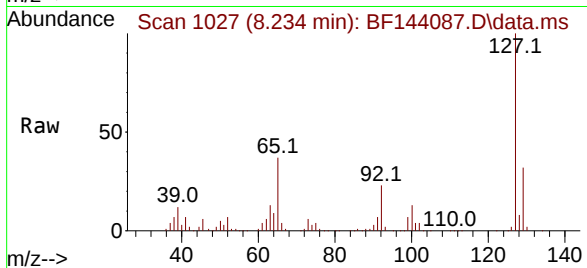




#33  
4-Chloroaniline  
Concen: 45.991 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

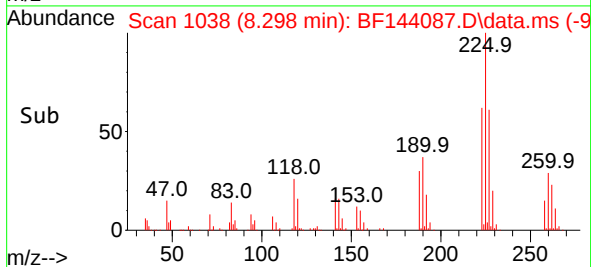
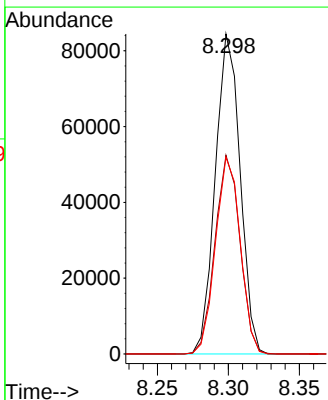
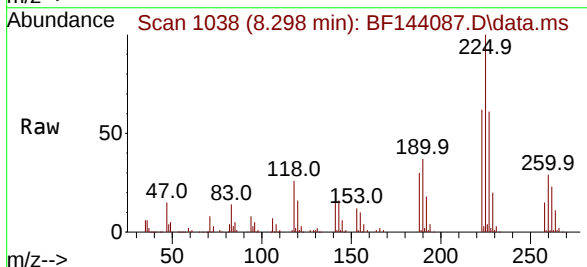
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

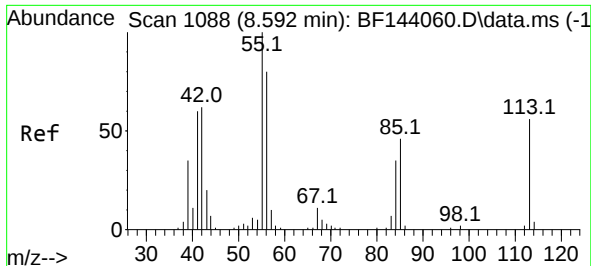
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 154295      |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 31.8  | 25.6 38.4   |
| 65          | 36.7  | 30.9 46.3   |
| 92          | 23.0  | 18.9 28.3   |



#34  
Hexachlorobutadiene  
Concen: 37.603 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 102530      |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 62.1  | 50.6 76.0   |
| 227         | 61.5  | 51.8 77.8   |

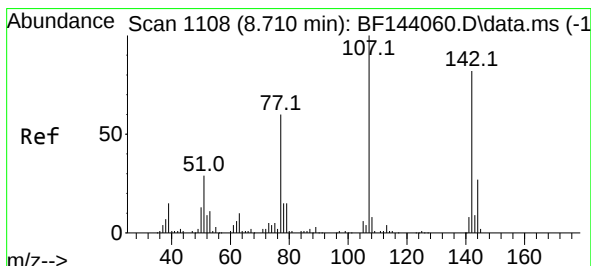
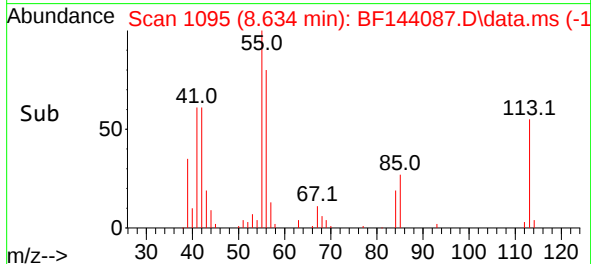
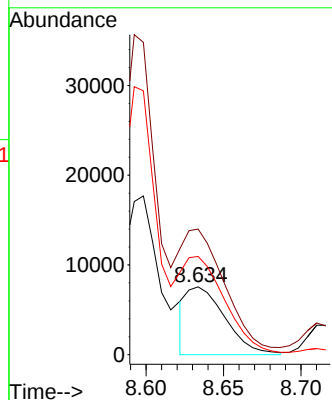
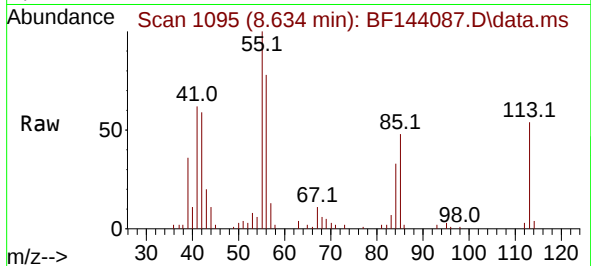




#35  
 Caprolactam  
 Concen: 16.148 ng  
 RT: 8.634 min Scan# 1095  
 Delta R.T. 0.041 min  
 Lab File: BF144087.D  
 Acq: 27 Oct 2025 17:03

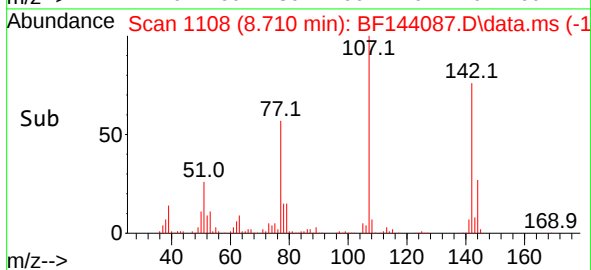
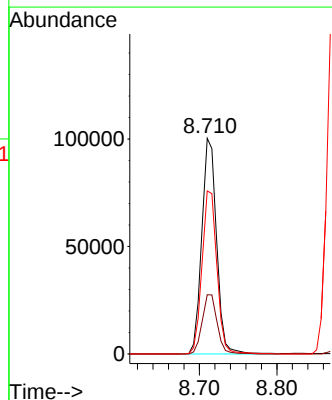
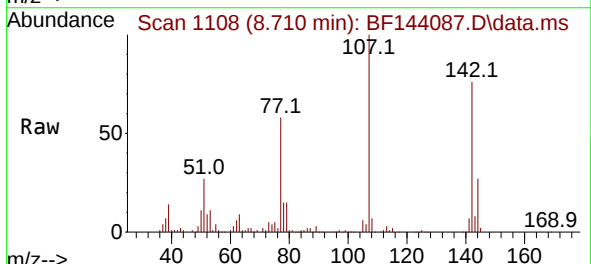
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S07-000102-22510170MS

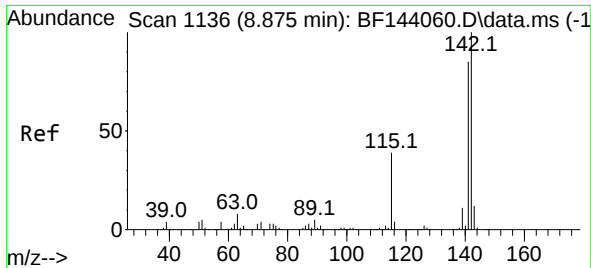
Tgt Ion:113 Resp: 13125  
 Ion Ratio Lower Upper  
 113 100  
 55 185.1 160.1 200.1  
 56 144.9 124.9 164.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.545 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF144087.D  
 Acq: 27 Oct 2025 17:03

Tgt Ion:107 Resp: 133136  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 21.6 32.4  
 142 75.6 65.4 98.0

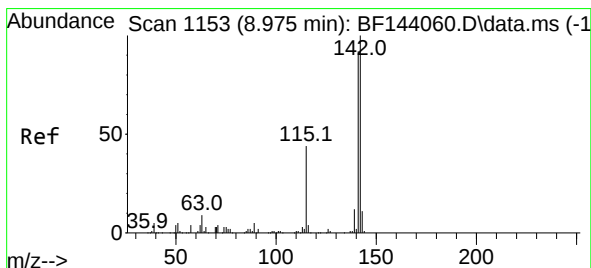
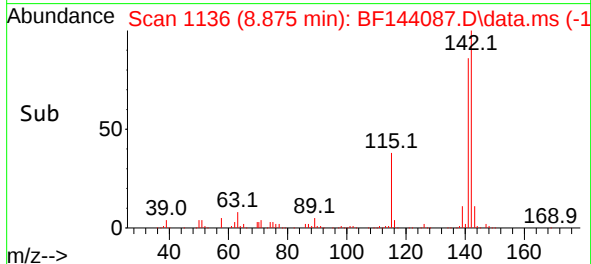
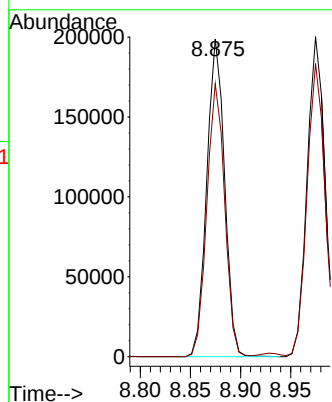
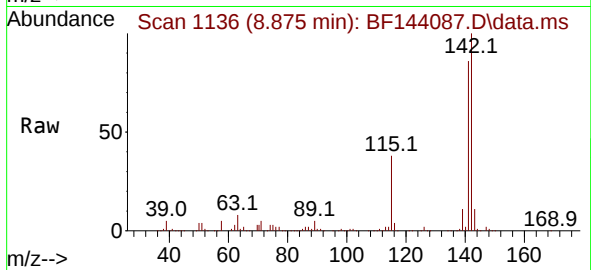




#37  
2-Methylnaphthalene  
Concen: 38.750 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

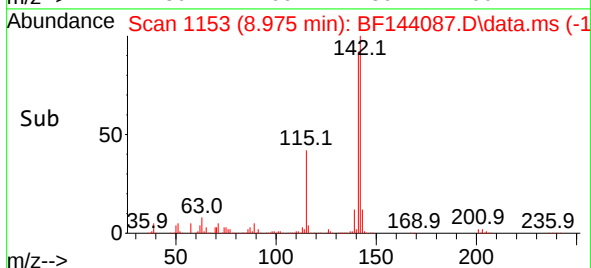
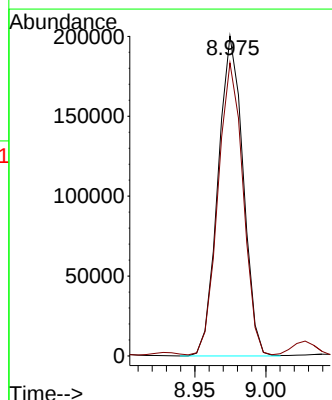
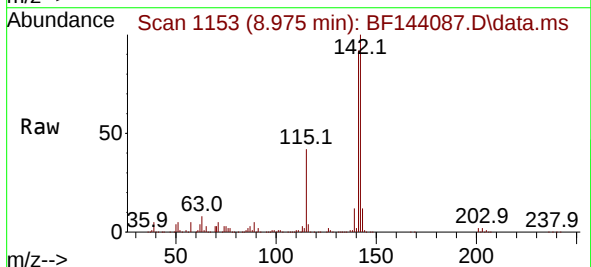
Instrument :  
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ClientSampleId :  
PR132-S07-000102-22510170MS

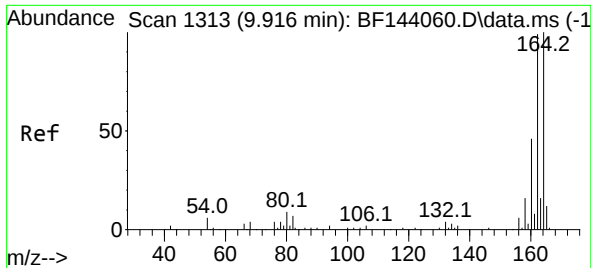
Tgt Ion:142 Resp: 246217  
Ion Ratio Lower Upper  
142 100  
141 85.9 67.6 101.4



#38  
1-Methylnaphthalene  
Concen: 40.780 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:142 Resp: 245485  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.4 110.2

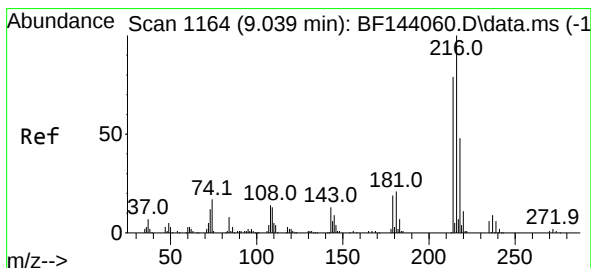
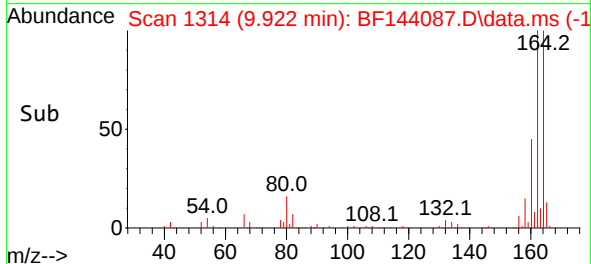
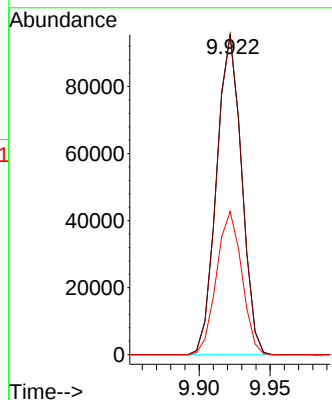
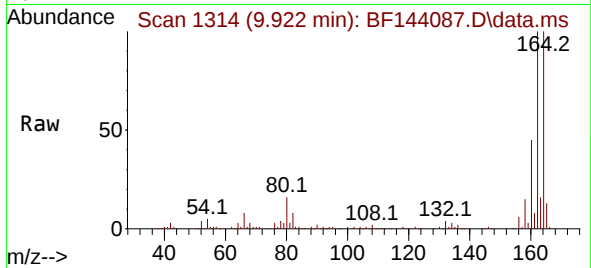




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1164  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

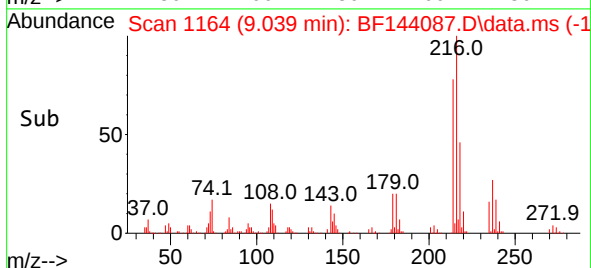
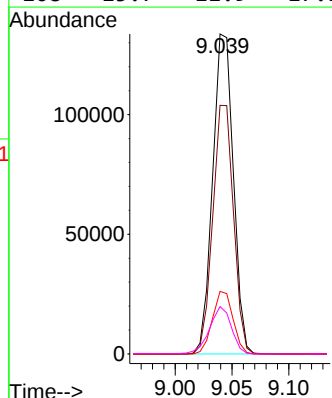
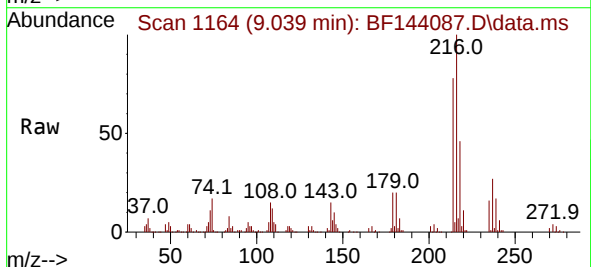
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PR132-S07-000102-22510170MS

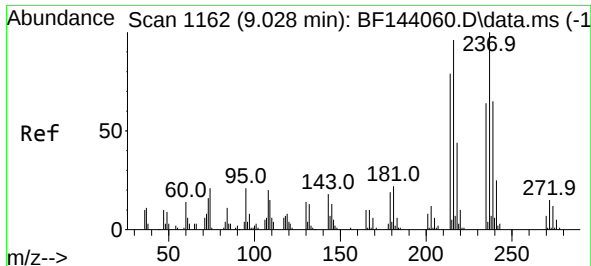
Tgt Ion:164 Resp: 116963  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.4 119.2  
160 44.8 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.183 ng  
RT: 9.039 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

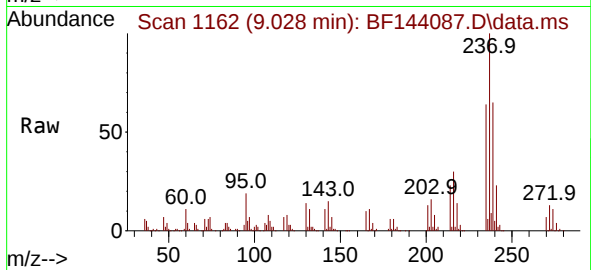
Tgt Ion:216 Resp: 169567  
Ion Ratio Lower Upper  
216 100  
214 77.7 63.2 94.8  
179 19.4 15.2 22.8  
108 15.7 11.9 17.9



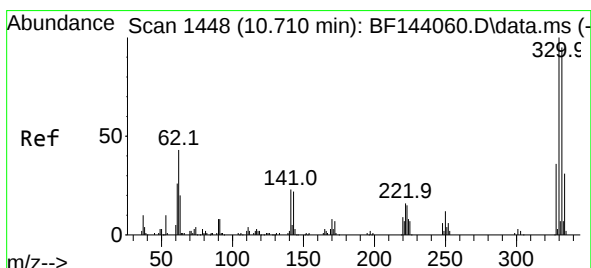
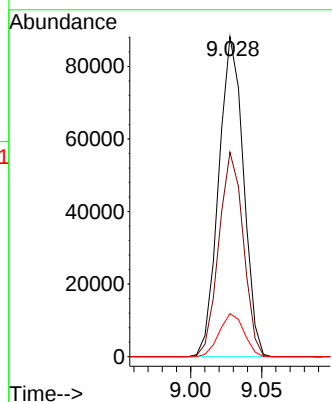
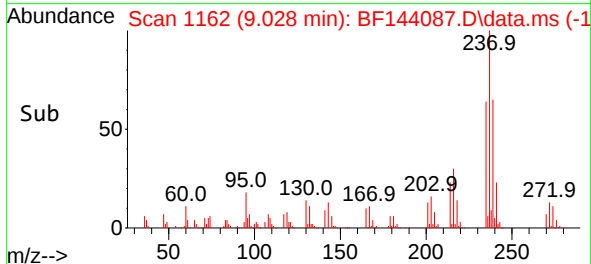


#41  
Hexachlorocyclopentadiene  
Concen: 86.014 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

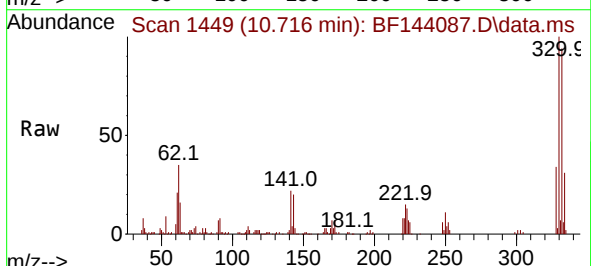
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BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS



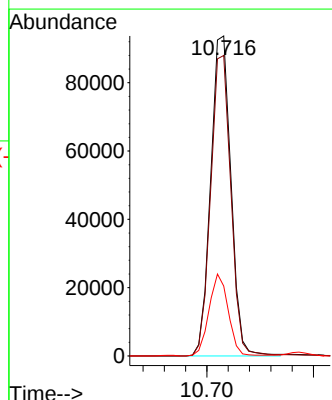
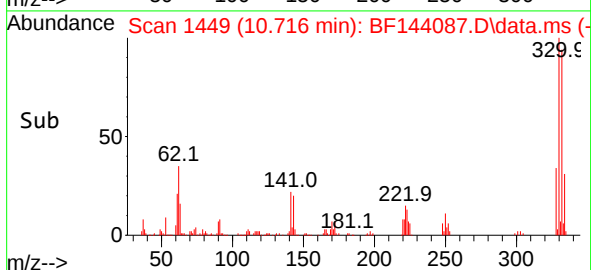
Tgt Ion:237 Resp: 106792  
Ion Ratio Lower Upper  
237 100  
235 63.9 44.3 84.3  
272 13.4 0.0 35.2

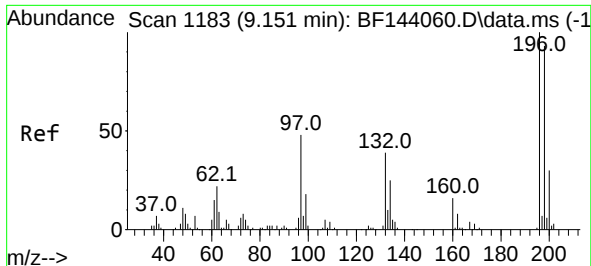


#42  
2,4,6-Tribromophenol  
Concen: 82.948 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03



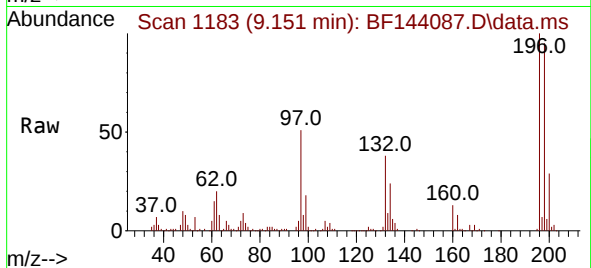
Tgt Ion:330 Resp: 123583  
Ion Ratio Lower Upper  
330 100  
332 94.2 77.0 115.6  
141 24.4 19.4 29.0



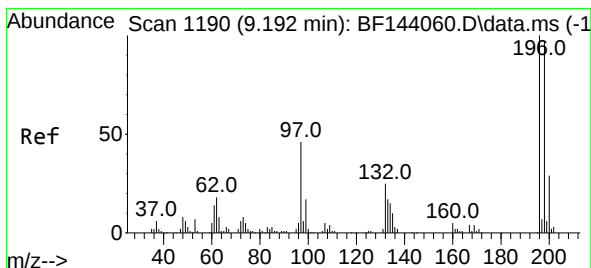
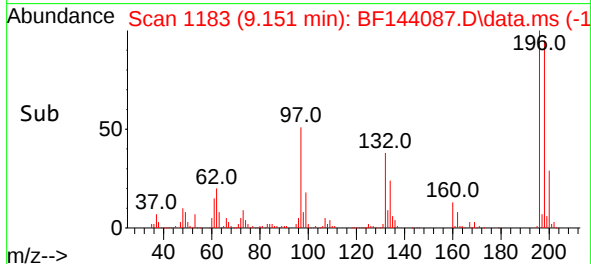
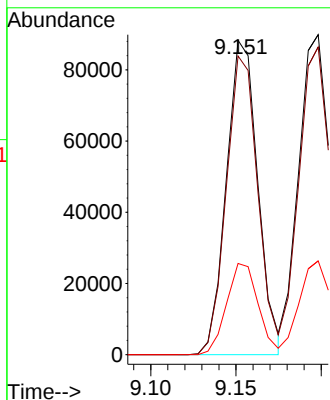


#43  
2,4,6-Trichlorophenol  
Concen: 43.384 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

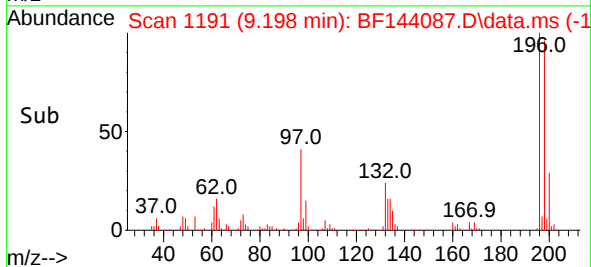
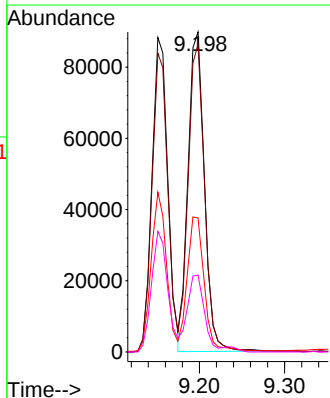
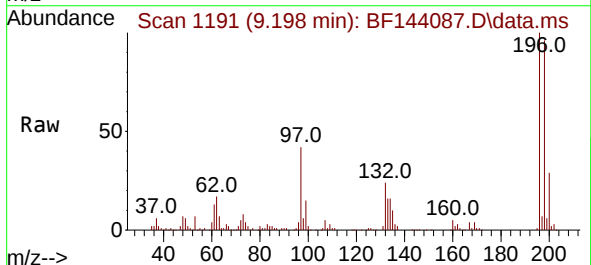


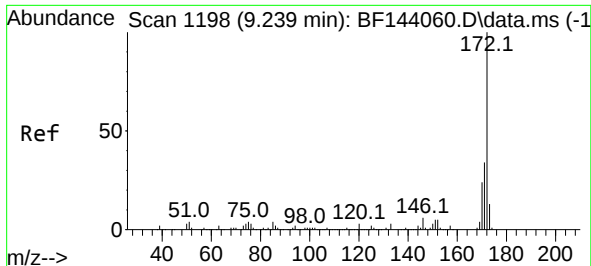
Tgt Ion:196 Resp: 113354  
Ion Ratio Lower Upper  
196 100  
198 95.0 74.4 111.6  
200 29.0 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 43.863 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:196 Resp: 120280  
Ion Ratio Lower Upper  
196 100  
198 96.2 78.0 117.0  
97 41.9 37.7 56.5  
132 24.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 40.643 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

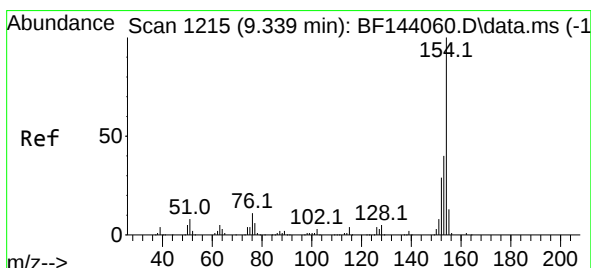
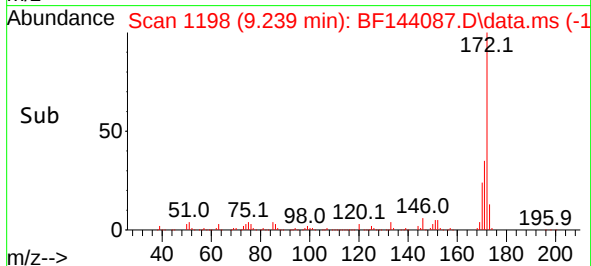
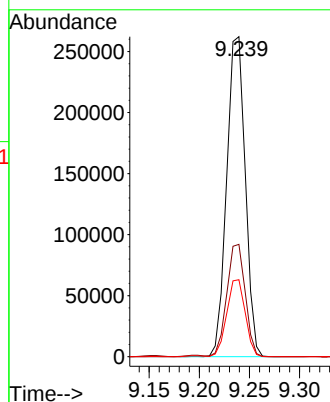
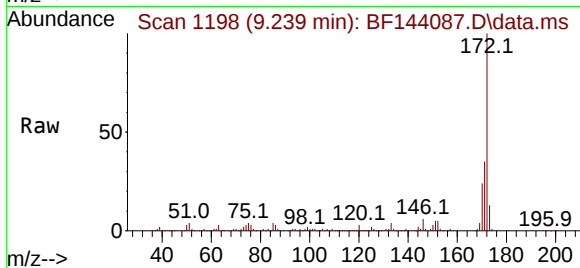
Tgt Ion:172 Resp: 337808

Ion Ratio Lower Upper

172 100

171 35.1 27.5 41.3

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.446 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

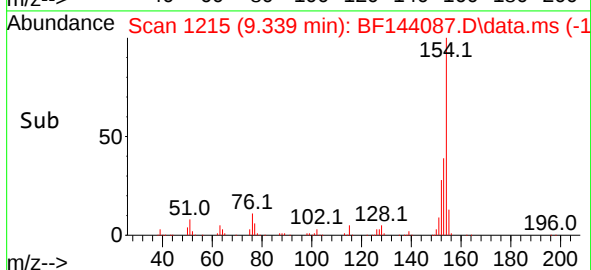
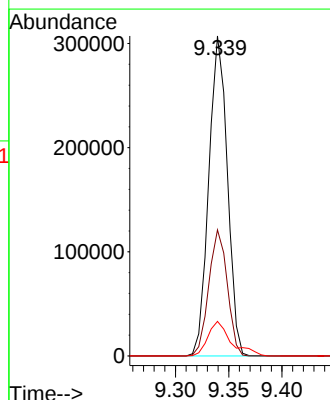
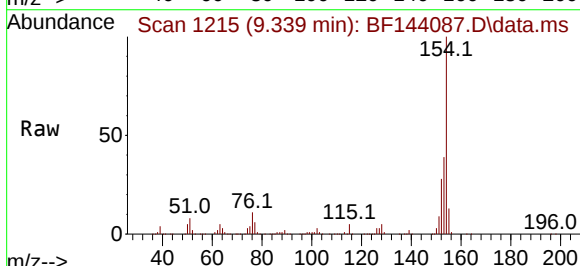
Tgt Ion:154 Resp: 372132

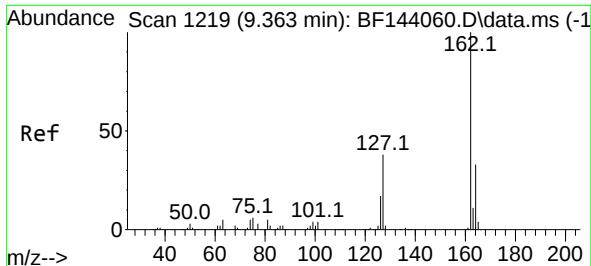
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.857 ng

RT: 9.369 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

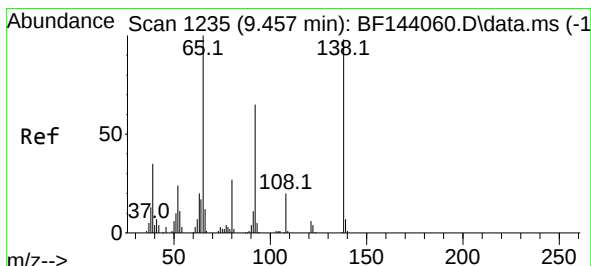
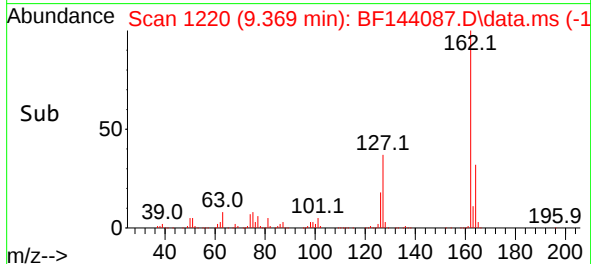
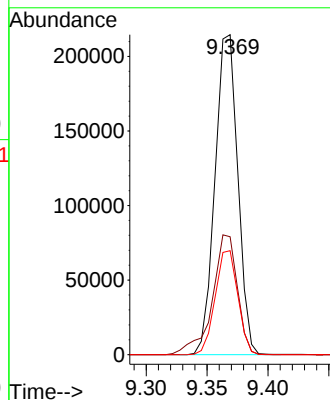
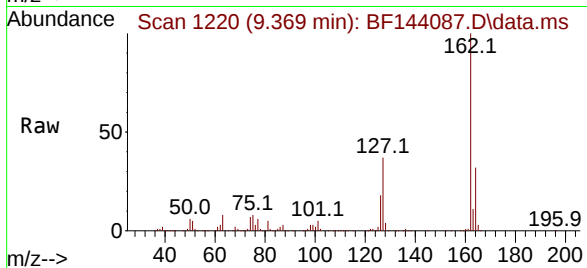
Tgt Ion:162 Resp: 279577

Ion Ratio Lower Upper

162 100

127 36.9 31.6 47.4

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 47.718 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

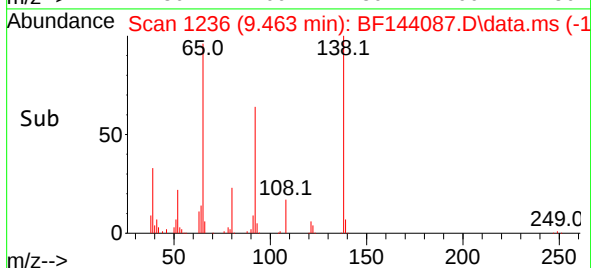
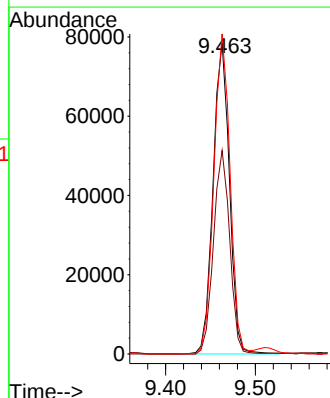
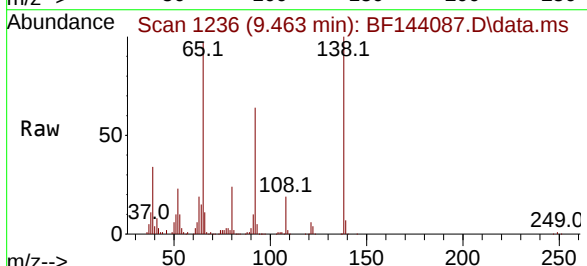
Tgt Ion: 65 Resp: 99394

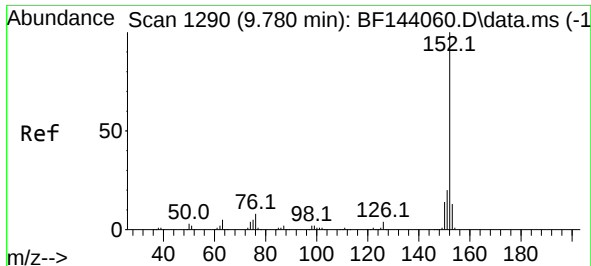
Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 102.9 78.3 117.5





#49

Acenaphthylene

Concen: 46.773 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

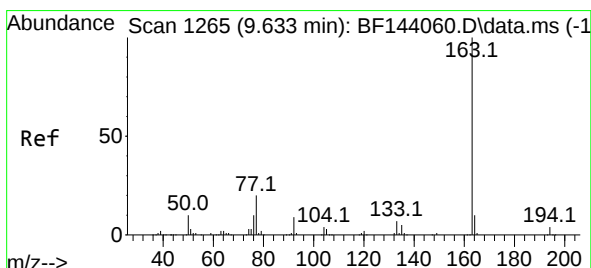
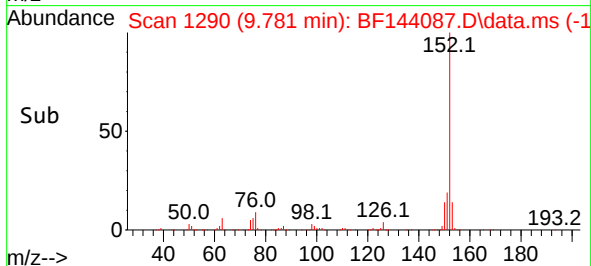
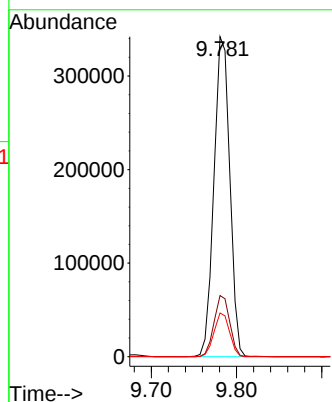
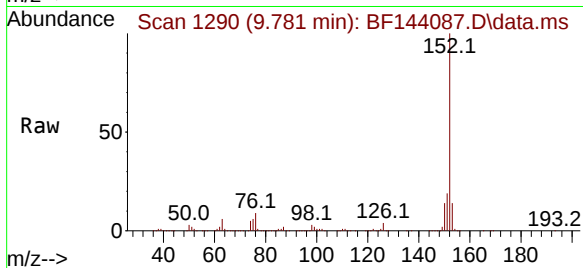
Tgt Ion:152 Resp: 442381

Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 46.794 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

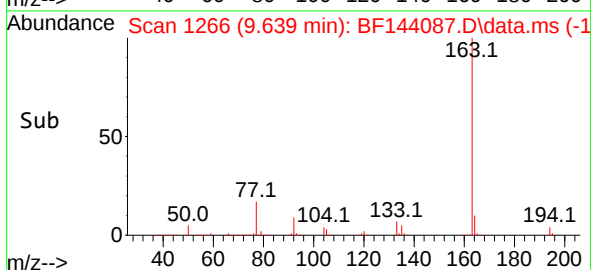
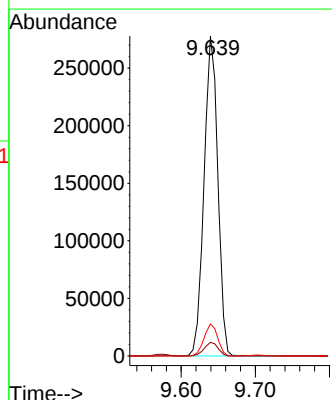
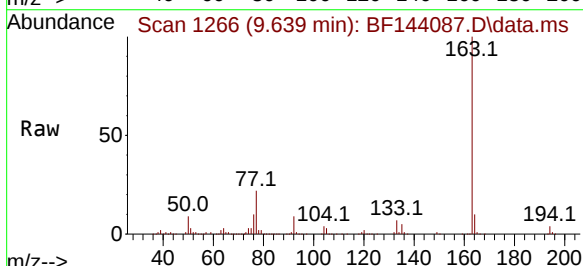
Tgt Ion:163 Resp: 358757

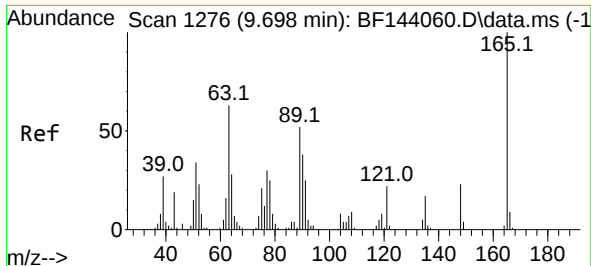
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 7.8 11.8

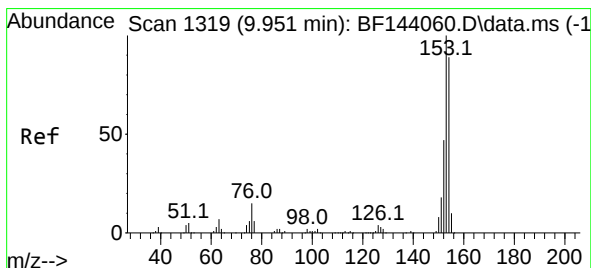
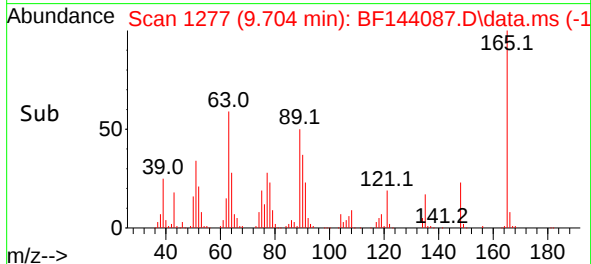
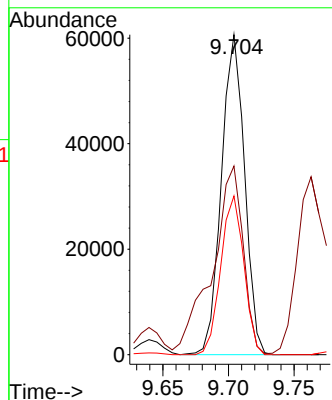
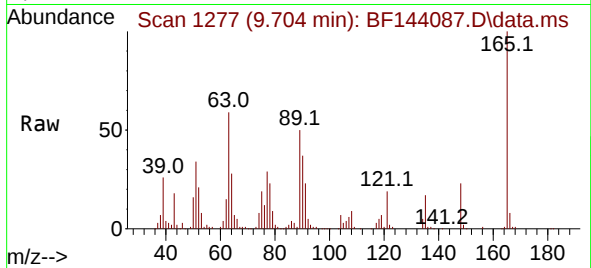




#51  
2,6-Dinitrotoluene  
Concen: 49.047 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

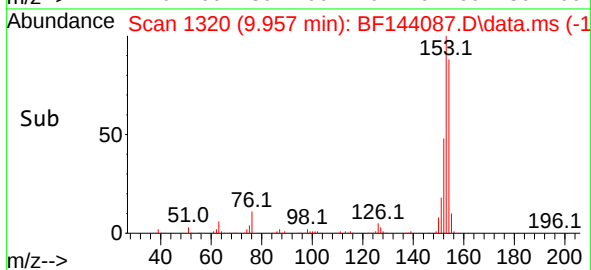
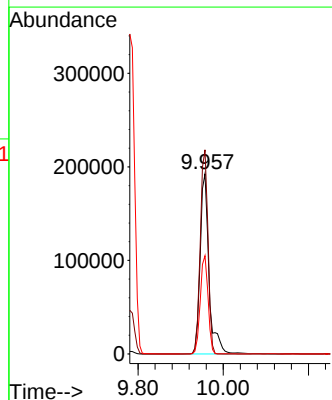
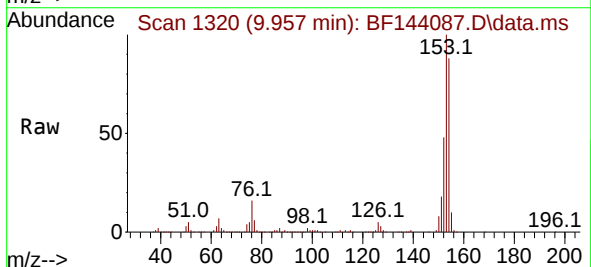
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

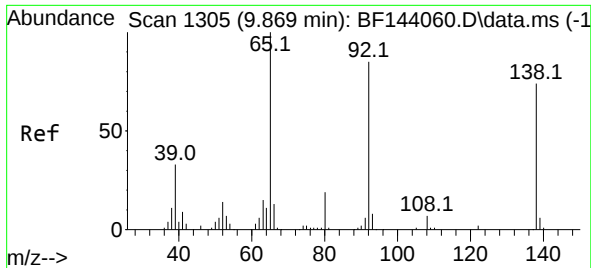
Tgt Ion:165 Resp: 74337  
Ion Ratio Lower Upper  
165 100  
63 58.9 50.4 75.6  
89 49.6 41.4 62.2



#52  
Acenaphthene  
Concen: 44.173 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:154 Resp: 279018  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.9 134.9  
152 54.5 42.0 63.0

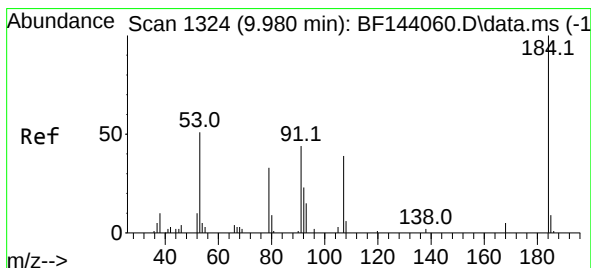
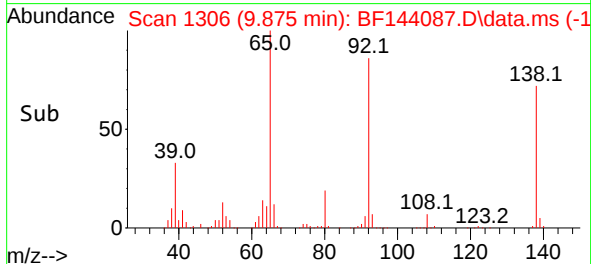
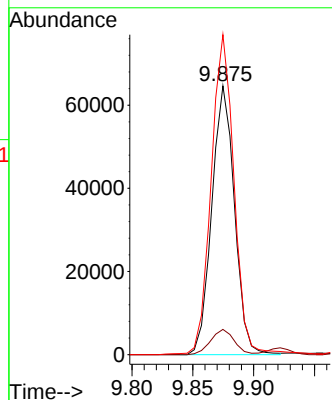
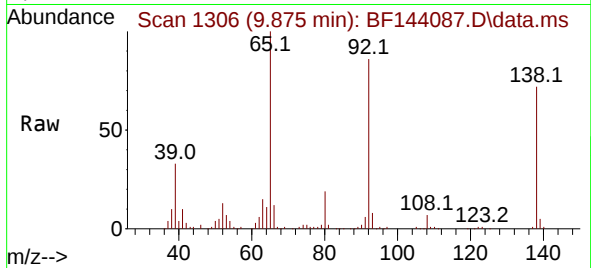




#53  
3-Nitroaniline  
Concen: 49.796 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

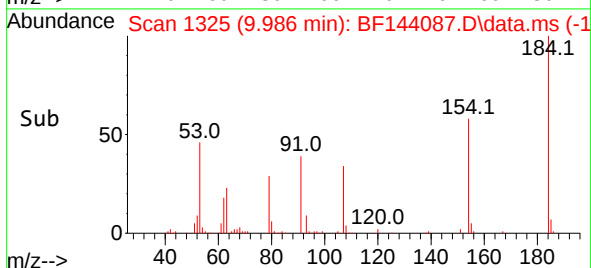
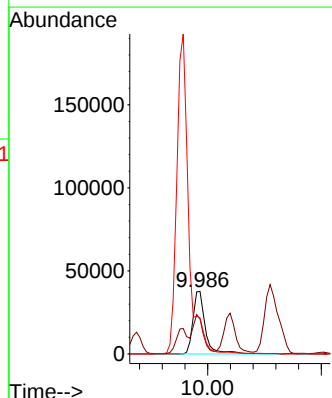
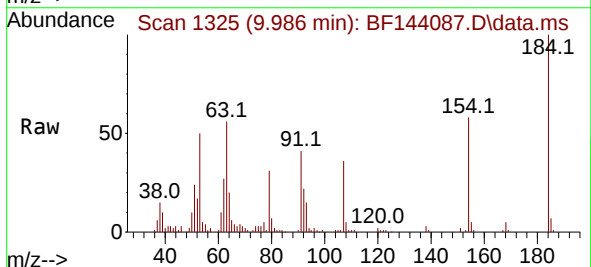
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

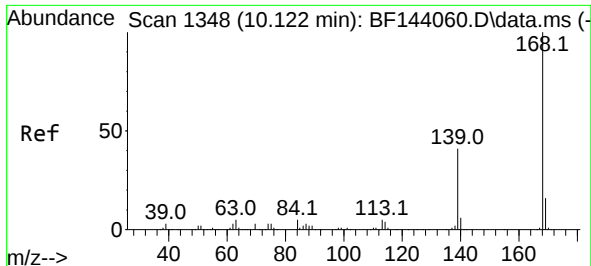
Tgt Ion:138 Resp: 83912  
Ion Ratio Lower Upper  
138 100  
108 9.4 7.9 11.9  
92 119.0 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 69.957 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:184 Resp: 57347  
Ion Ratio Lower Upper  
184 100  
63 55.7 52.1 78.1  
154 57.7 47.9 71.9

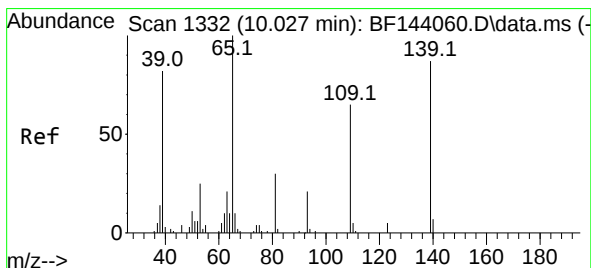
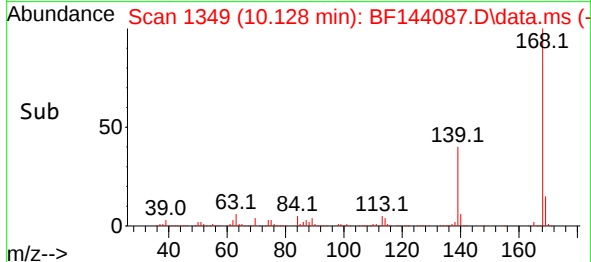
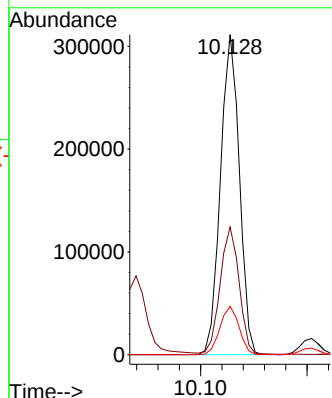
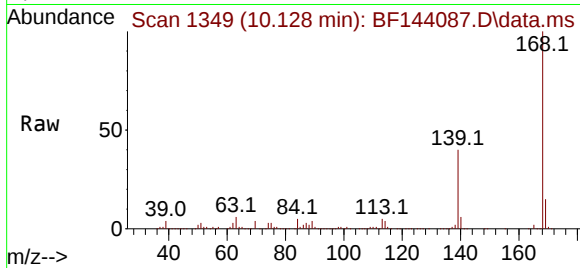




#55  
Dibenzenofuran  
Concen: 43.594 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

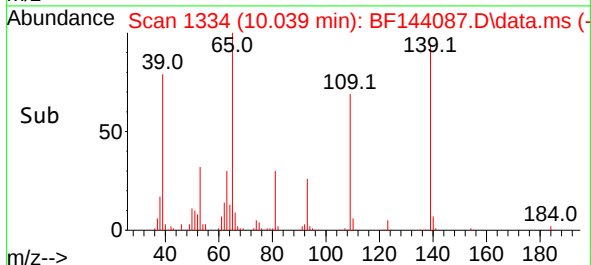
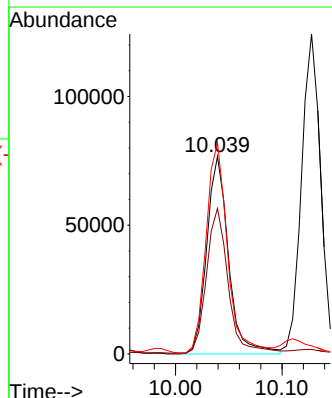
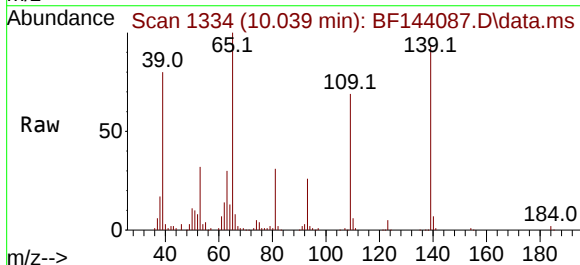
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

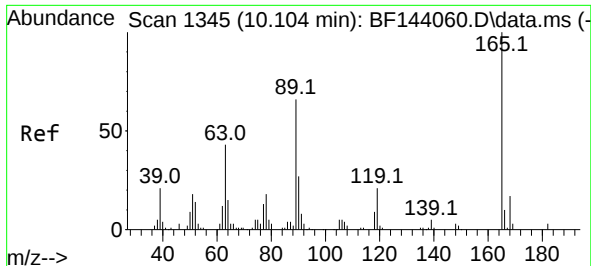
Tgt Ion:168 Resp: 382278  
Ion Ratio Lower Upper  
168 100  
139 39.9 33.2 49.8  
169 15.1 12.6 19.0



#56  
4-Nitrophenol  
Concen: 95.702 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.012 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:139 Resp: 109204  
Ion Ratio Lower Upper  
139 100  
109 73.7 53.8 93.8  
65 107.0 95.9 135.9

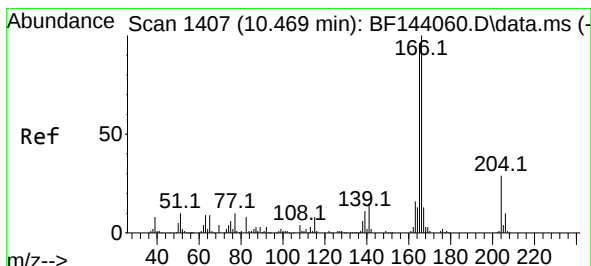
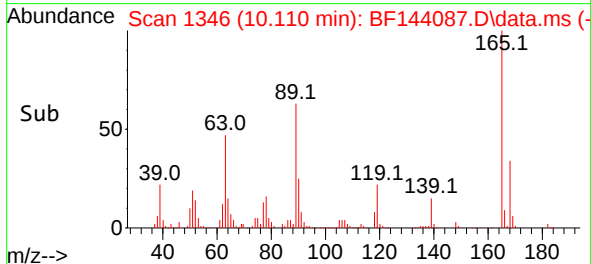
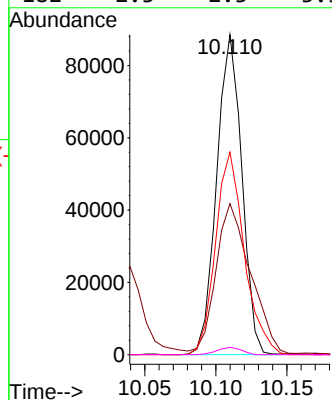
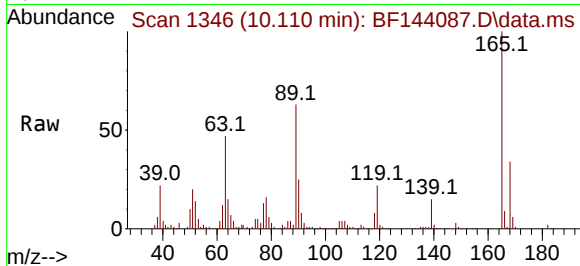




#57  
2,4-Dinitrotoluene  
Concen: 53.328 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

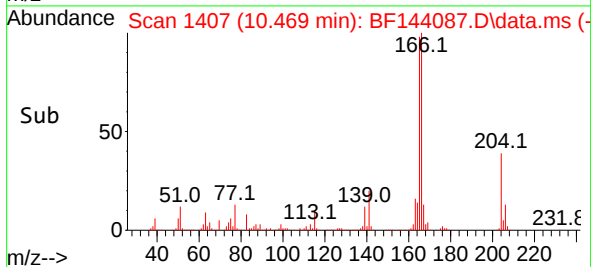
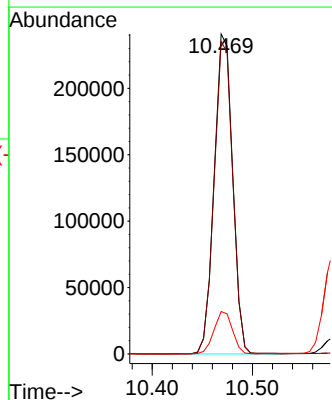
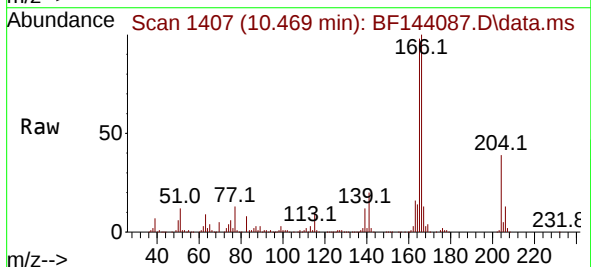
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

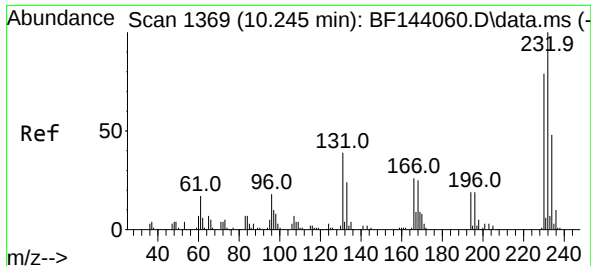
Tgt Ion:165 Resp: 109086  
Ion Ratio Lower Upper  
165 100  
63 47.2 35.4 53.2  
89 63.3 52.7 79.1  
182 2.3 2.3 3.5#



#58  
Fluorene  
Concen: 45.992 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:166 Resp: 307301  
Ion Ratio Lower Upper  
166 100  
165 97.6 77.0 115.4  
167 13.3 10.2 15.4

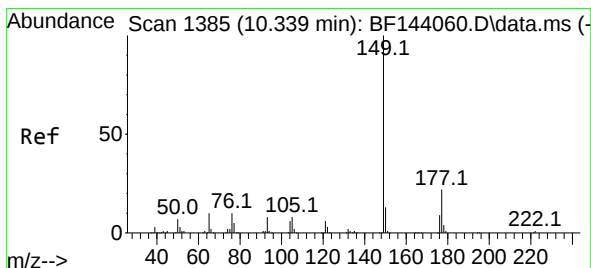
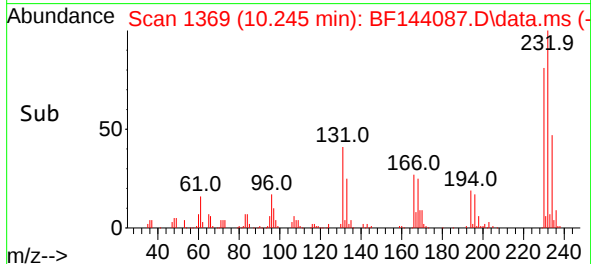
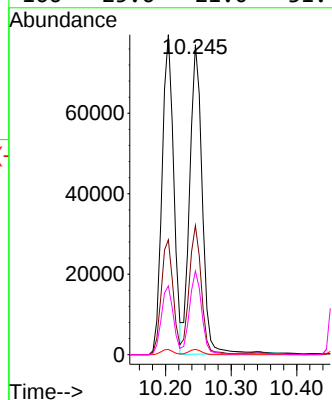
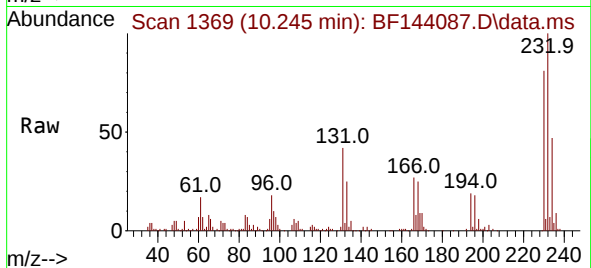




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.734 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

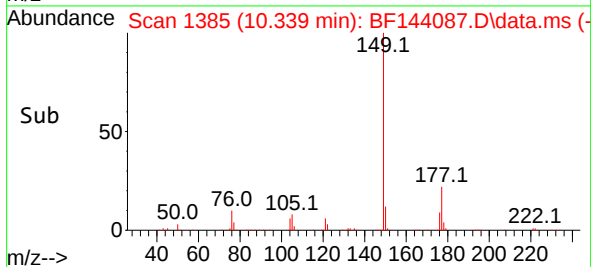
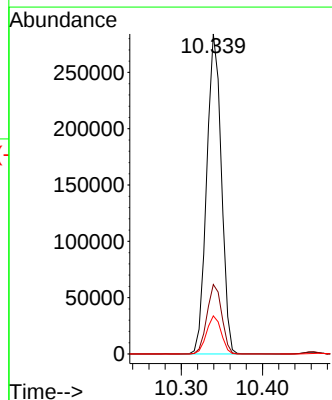
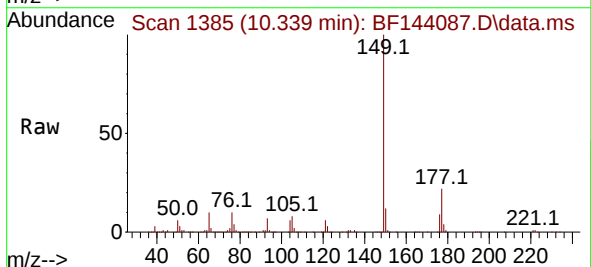
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

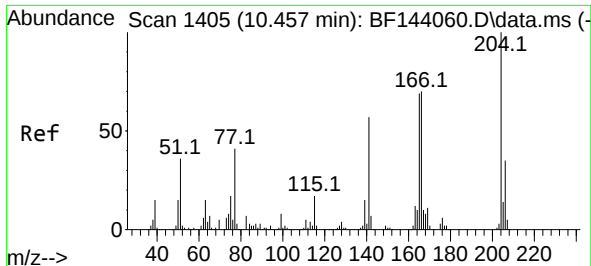
Tgt Ion:232 Resp: 101901  
Ion Ratio Lower Upper  
232 100  
131 39.7 31.9 47.9  
130 1.7 1.1 1.7#  
166 25.6 21.0 31.4



#60  
Diethylphthalate  
Concen: 49.373 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:149 Resp: 355980  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 11.9 10.1 15.1

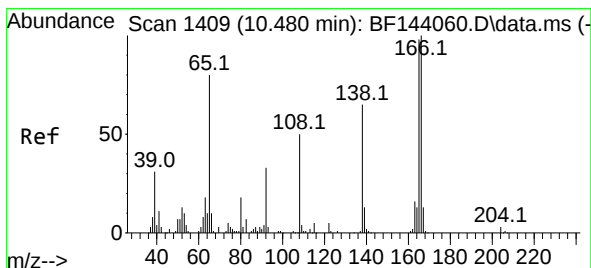
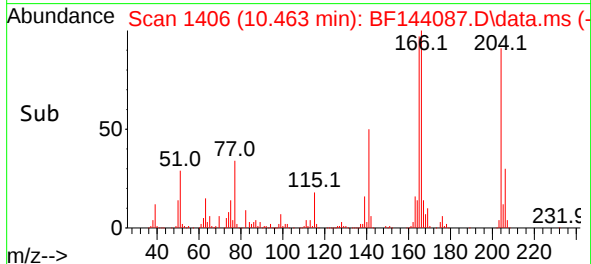
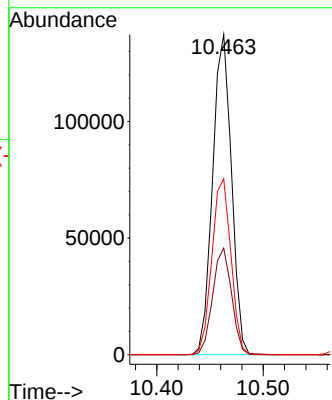
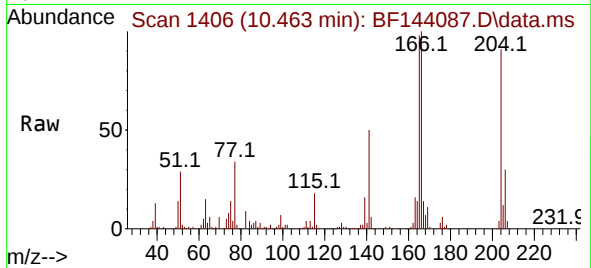




#61  
4-Chlorophenyl-phenylether  
Concen: 44.963 ng  
RT: 10.463 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

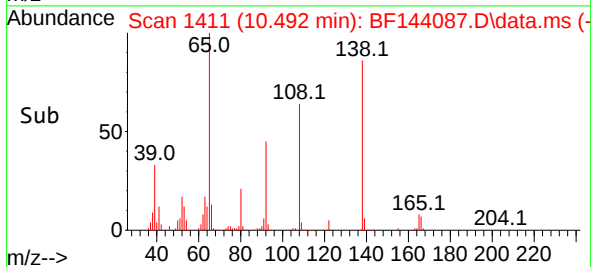
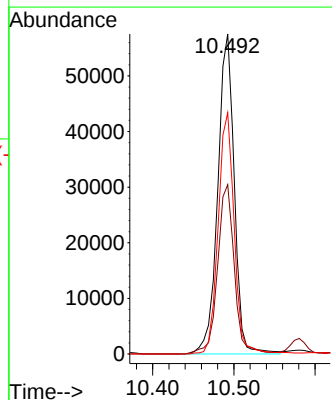
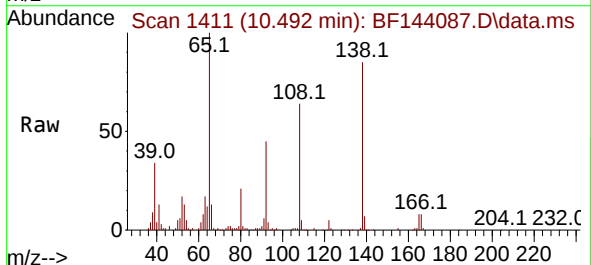
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

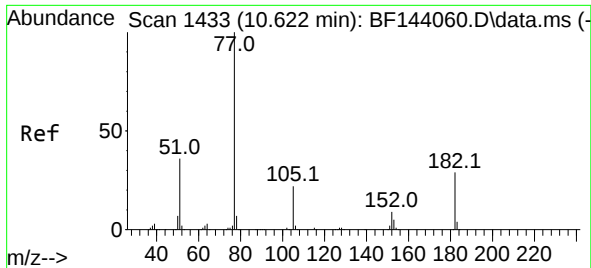
Tgt Ion:204 Resp: 168948  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.8 41.6  
141 54.9 45.4 68.2



#62  
4-Nitroaniline  
Concen: 51.067 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:138 Resp: 81536  
Ion Ratio Lower Upper  
138 100  
92 52.9 30.5 70.5  
108 75.4 56.2 96.2

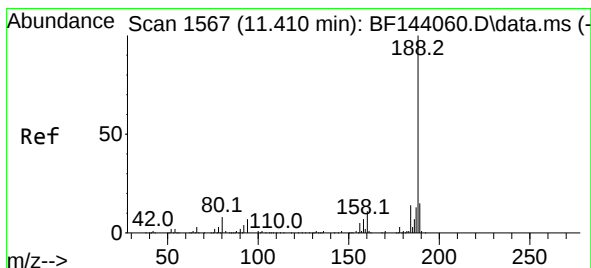
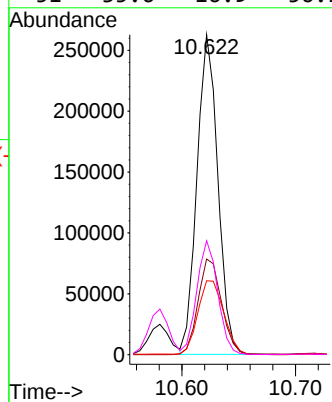
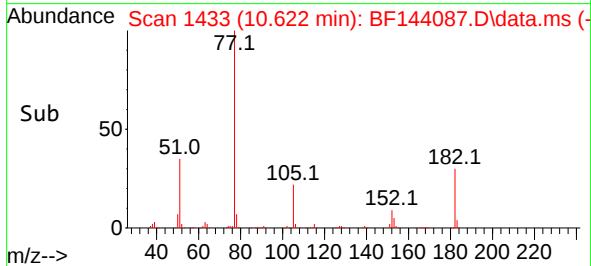
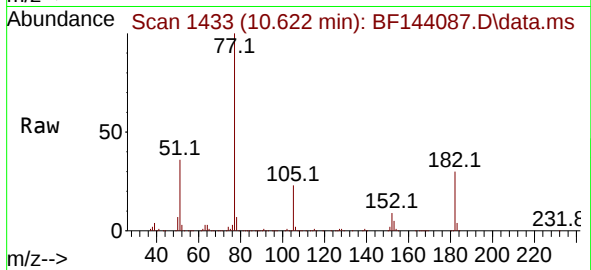




#63  
Azobenzene  
Concen: 49.224 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

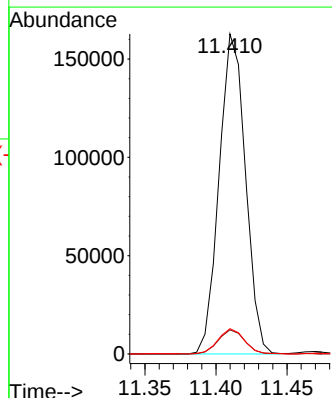
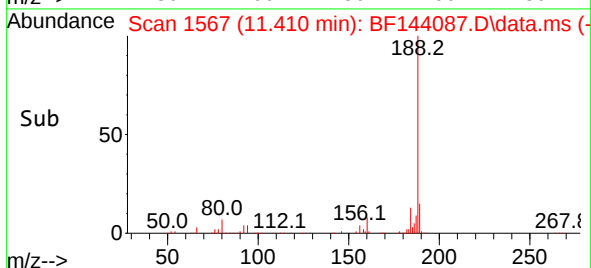
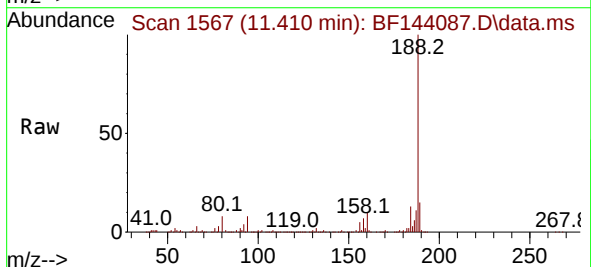
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

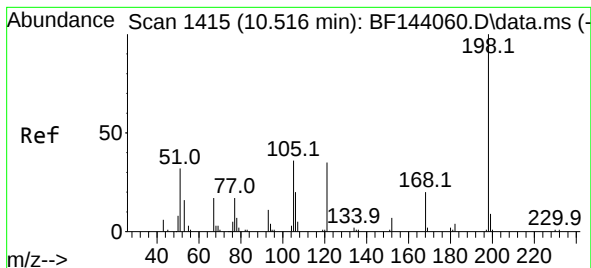
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 335906 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 29.9  | 9.0   | 49.0   |
| 105       | 23.1  | 1.4   | 41.4   |
| 51        | 35.6  | 16.9  | 56.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 209682 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.6   | 5.4   | 8.0    |
| 80        | 7.9   | 6.0   | 9.0    |

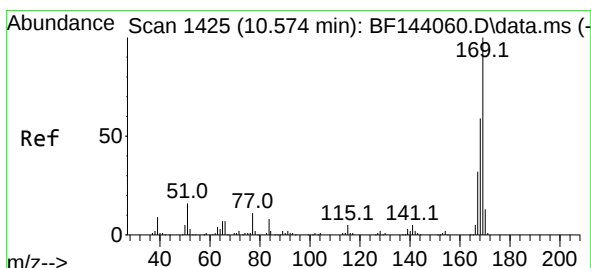
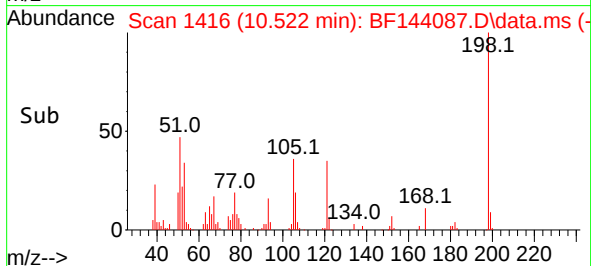
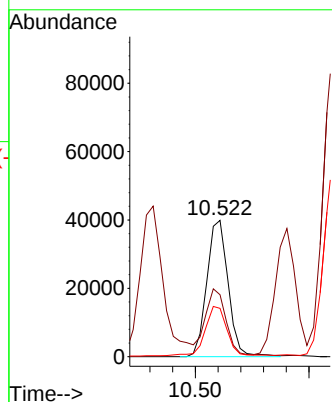
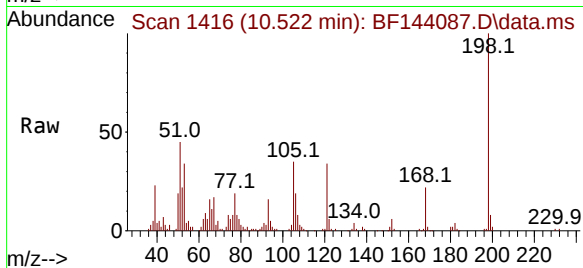




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.724 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

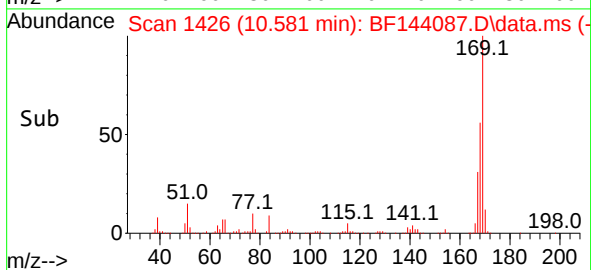
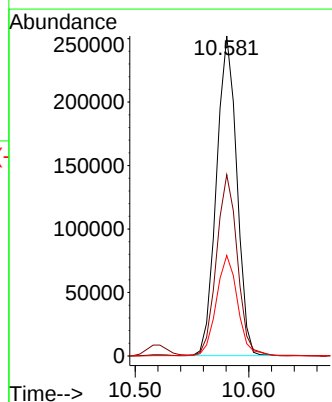
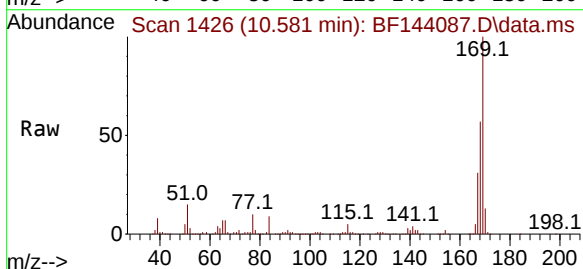
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

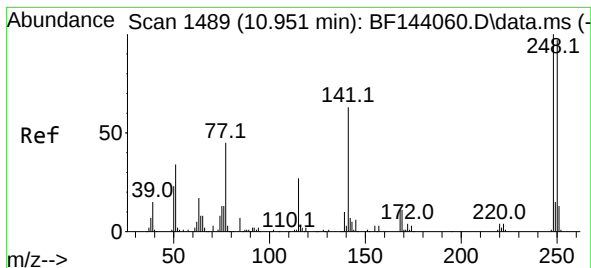
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 45.4  | 25.8  | 65.8  |
| 105     | 35.4  | 17.2  | 57.2  |



#66  
n-Nitrosodiphenylamine  
Concen: 46.811 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 56.6  | 47.4  | 71.2  |
| 167     | 31.4  | 25.5  | 38.3  |

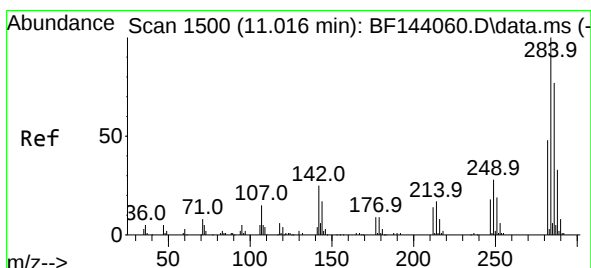
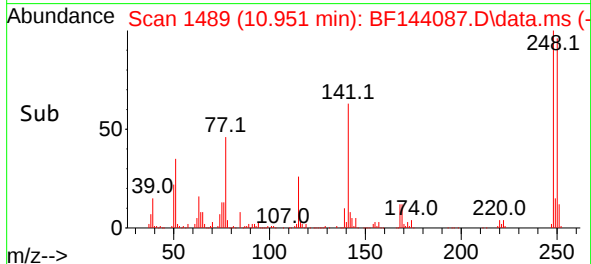
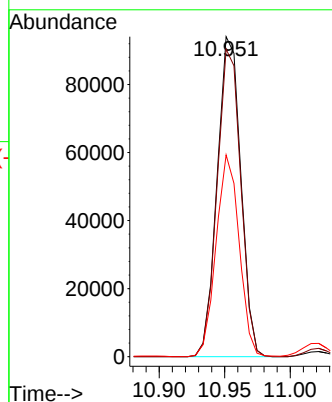
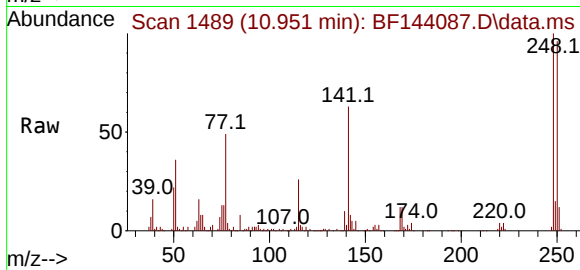




#67  
4-Bromophenyl-phenylether  
Concen: 44.931 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

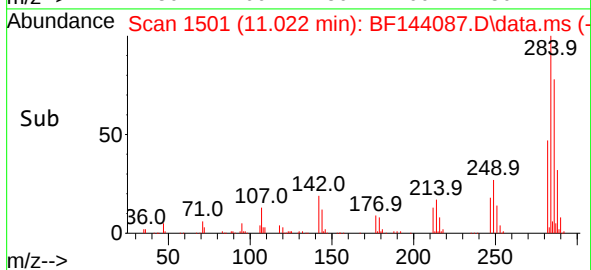
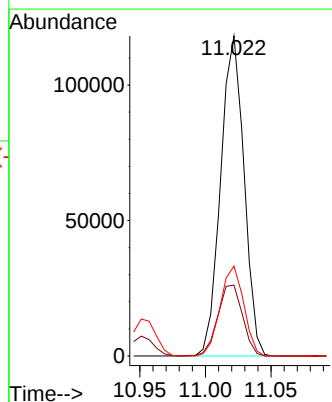
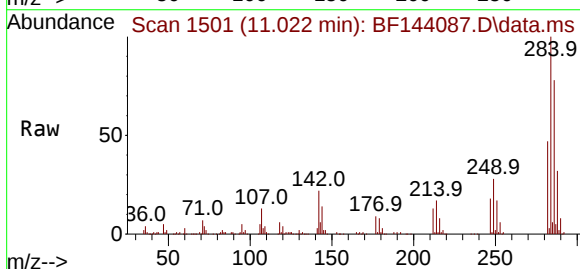
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

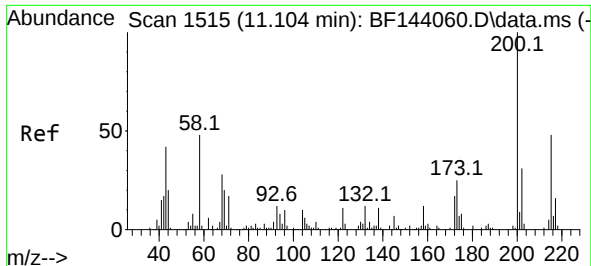
Tgt Ion:248 Resp: 117958  
Ion Ratio Lower Upper  
248 100  
250 96.1 77.8 116.6  
141 63.1 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 45.482 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:284 Resp: 146442  
Ion Ratio Lower Upper  
284 100  
142 22.2 20.0 30.0  
249 28.1 22.2 33.2

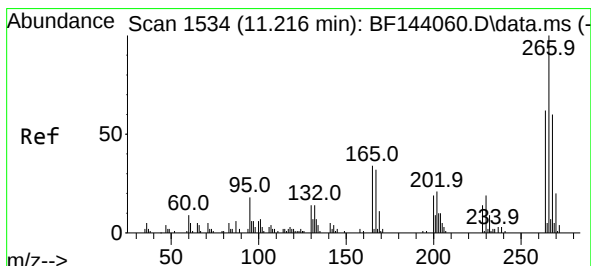
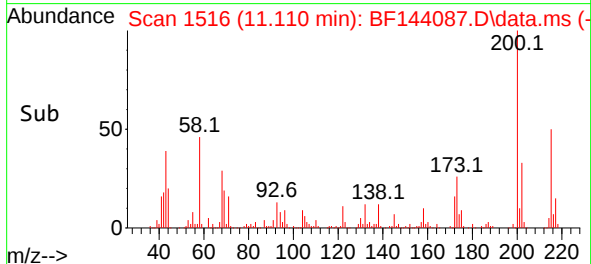
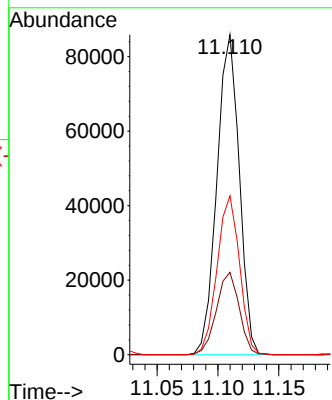
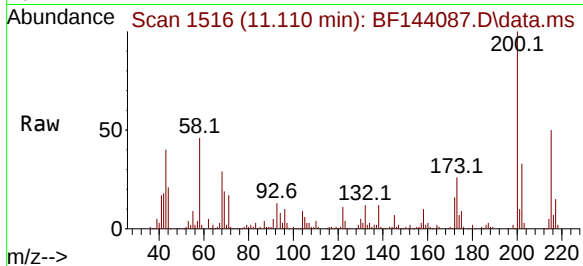




#69  
Atrazine  
Concen: 49.959 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

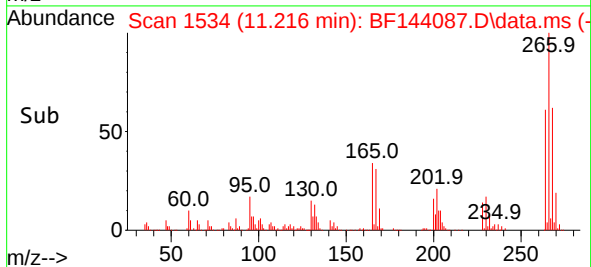
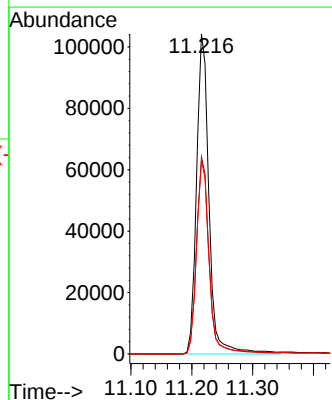
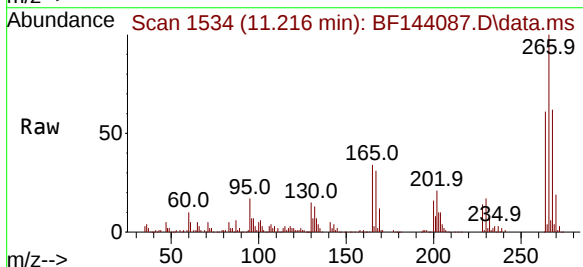
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

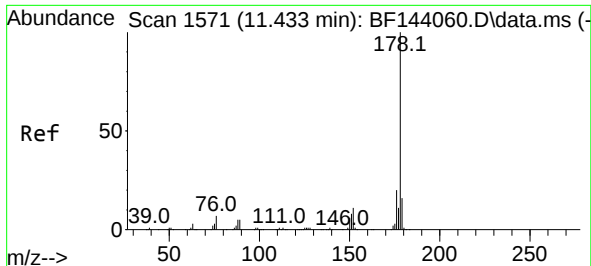
Tgt Ion:200 Resp: 109830  
Ion Ratio Lower Upper  
200 100  
173 25.8 4.9 44.9  
215 49.6 28.2 68.2



#70  
Pentachlorophenol  
Concen: 96.502 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:266 Resp: 147900  
Ion Ratio Lower Upper  
266 100  
268 61.5 48.2 72.4  
264 60.5 49.4 74.0

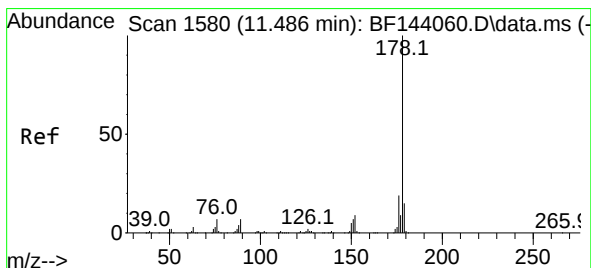
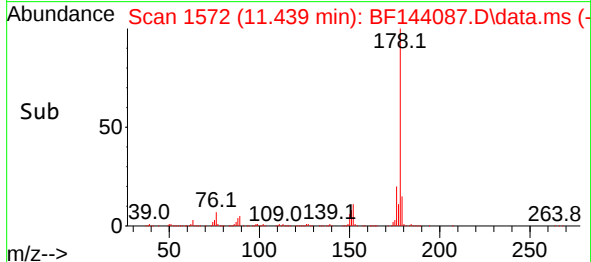
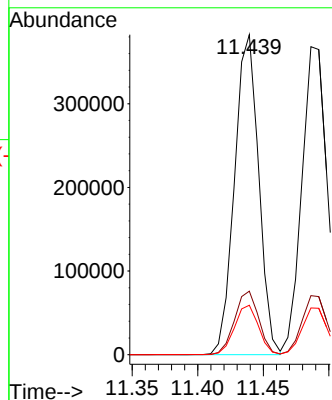
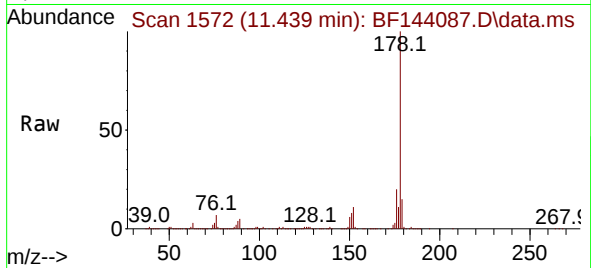




#71  
Phenanthrene  
Concen: 47.083 ng  
RT: 11.439 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

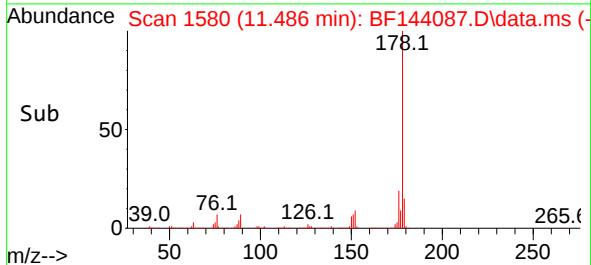
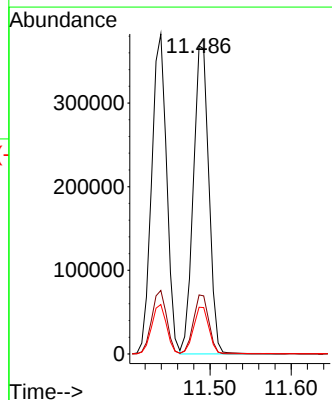
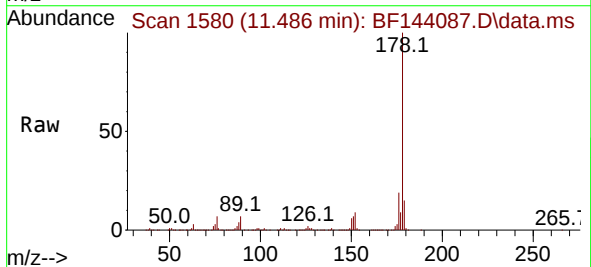
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

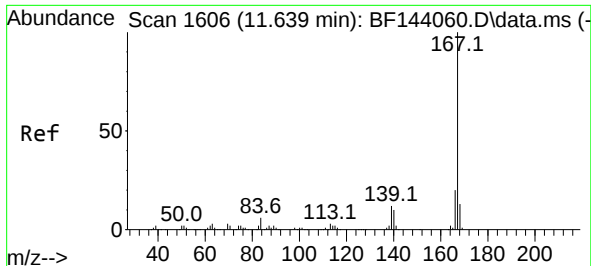
Tgt Ion:178 Resp: 490419  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.3 24.5  
179 15.4 12.6 18.8



#72  
Anthracene  
Concen: 45.626 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:178 Resp: 490941  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.0 22.4  
179 15.2 11.8 17.6

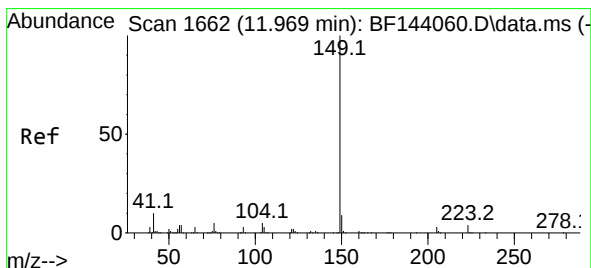
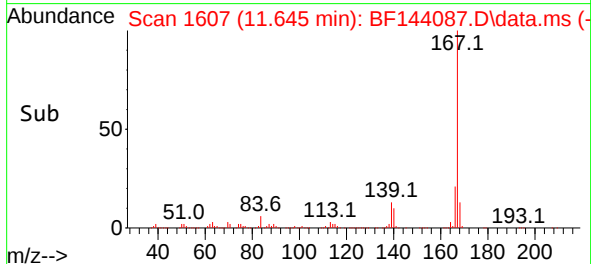
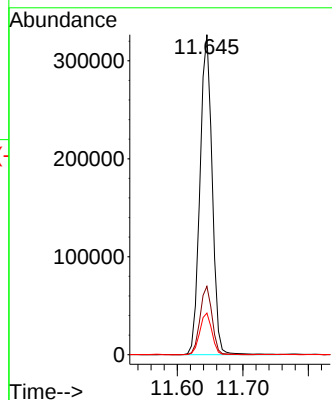
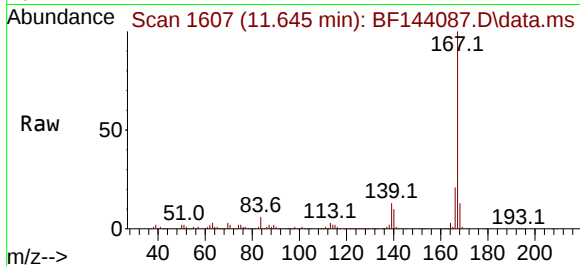




#73  
 Carbazole  
 Concen: 46.137 ng  
 RT: 11.645 min Scan# 1607  
 Delta R.T. 0.006 min  
 Lab File: BF144087.D  
 Acq: 27 Oct 2025 17:03

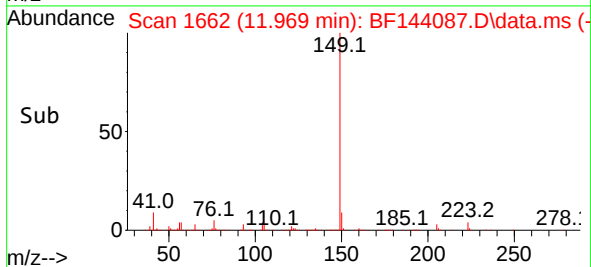
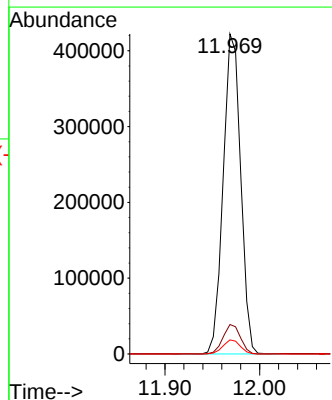
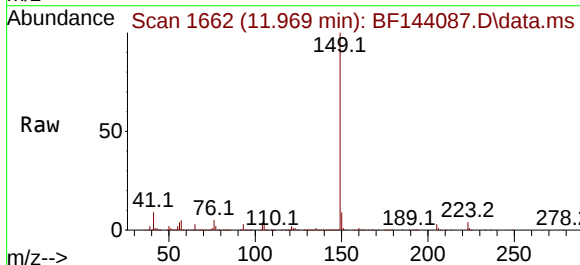
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S07-000102-22510170MS

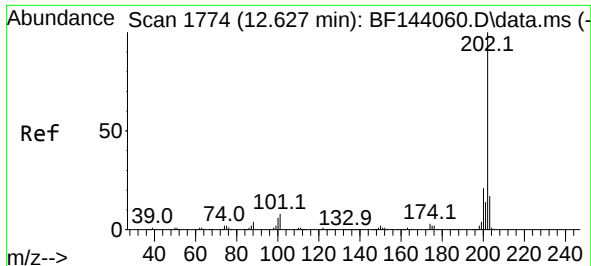
Tgt Ion:167 Resp: 422550  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 16.1 24.1  
 139 13.0 9.8 14.6



#74  
 Di-n-butylphthalate  
 Concen: 48.216 ng  
 RT: 11.969 min Scan# 1662  
 Delta R.T. 0.000 min  
 Lab File: BF144087.D  
 Acq: 27 Oct 2025 17:03

Tgt Ion:149 Resp: 541405  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.3 10.9  
 104 4.4 3.6 5.4

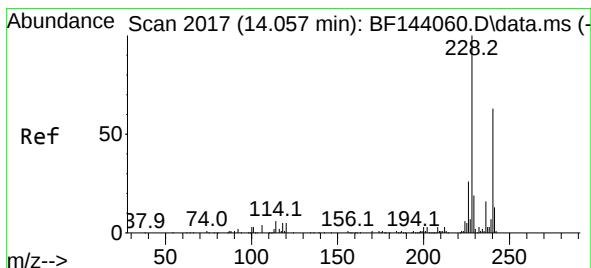
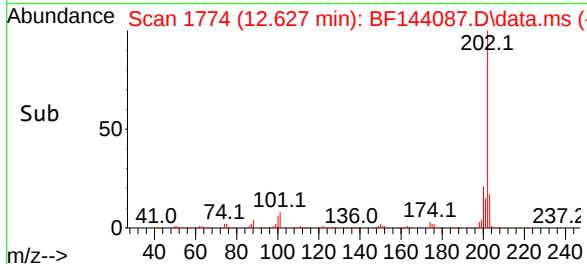
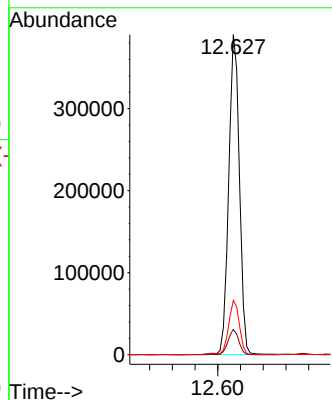
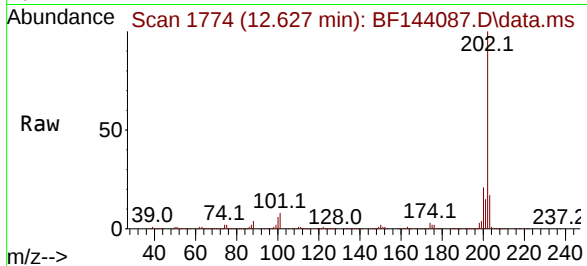




#75  
Fluoranthene  
Concen: 44.526 ng  
RT: 12.627 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

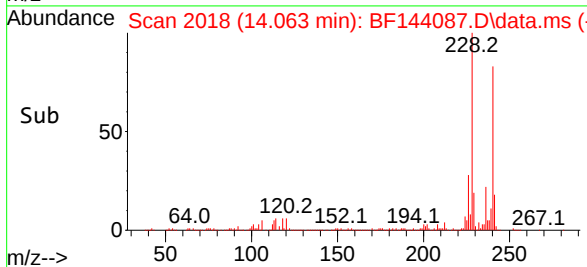
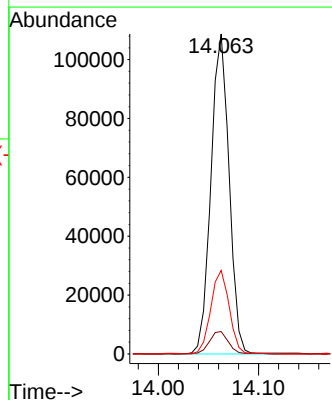
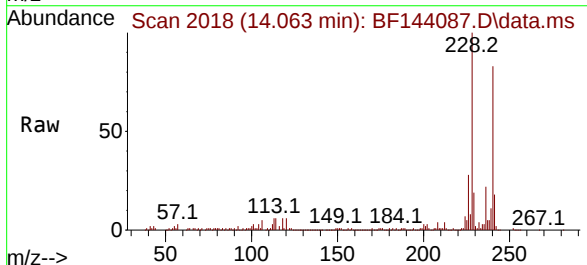
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

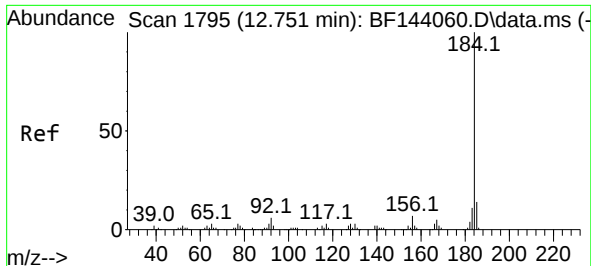
Tgt Ion:202 Resp: 512395  
Ion Ratio Lower Upper  
202 100  
101 7.9 0.0 27.7  
203 16.9 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:240 Resp: 136983  
Ion Ratio Lower Upper  
240 100  
120 7.0 6.5 9.7  
236 26.1 20.1 30.1

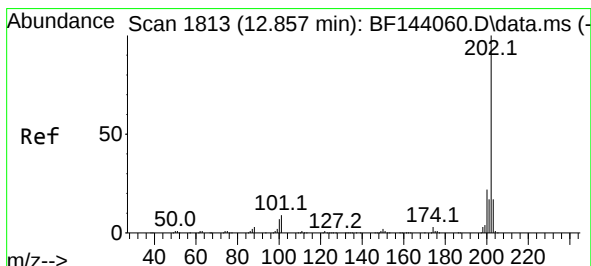
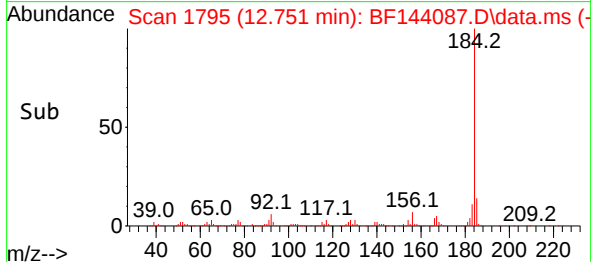
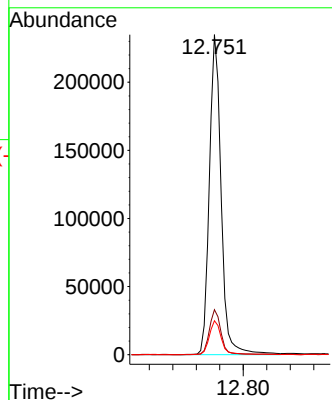
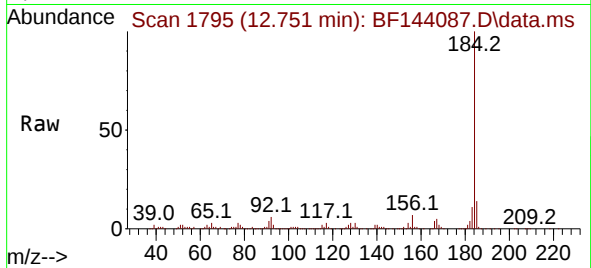




#77  
Benzidine  
Concen: 76.682 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

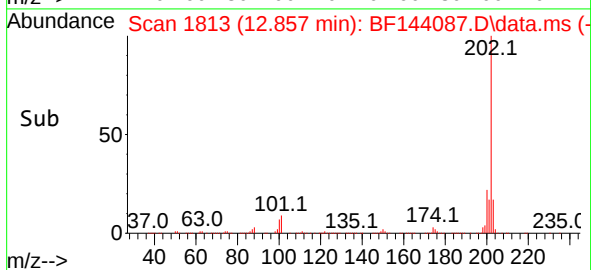
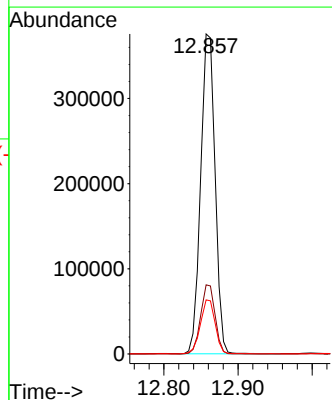
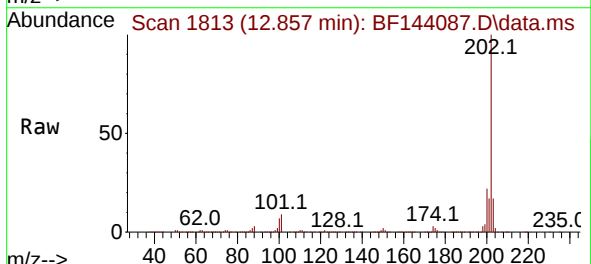
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

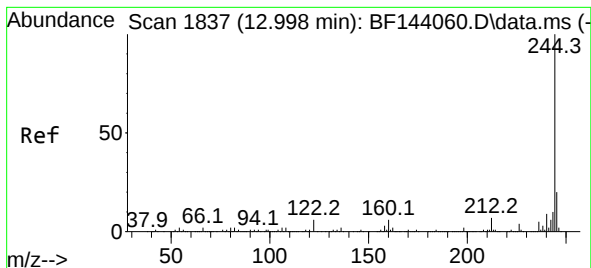
Tgt Ion:184 Resp: 326909  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.6 17.4  
183 10.6 8.5 12.7



#78  
Pyrene  
Concen: 51.458 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:202 Resp: 506765  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.2 25.8  
203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 51.851 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144087.D

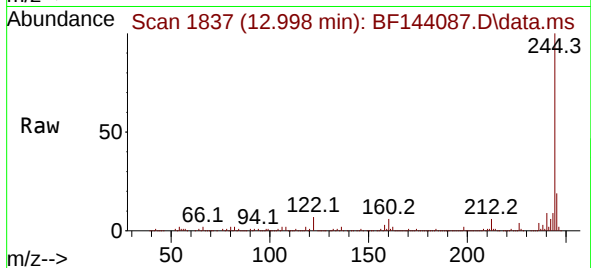
Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS



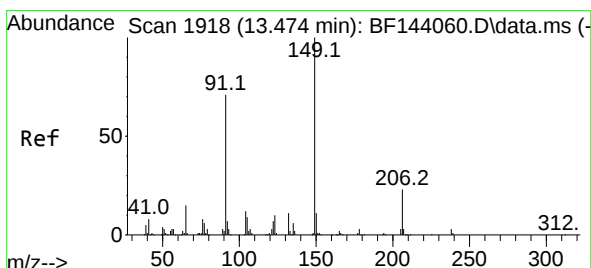
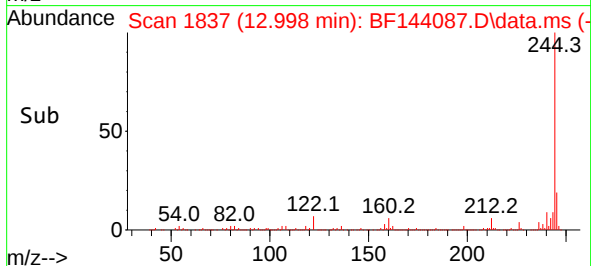
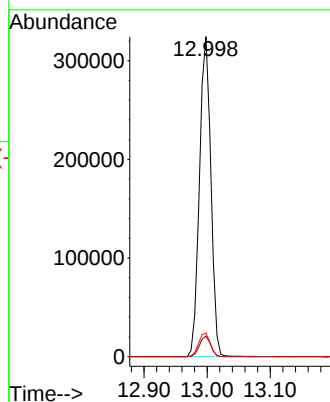
Tgt Ion:244 Resp: 406286

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

122 7.4 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 52.127 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

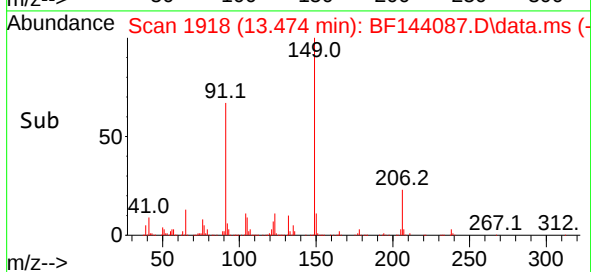
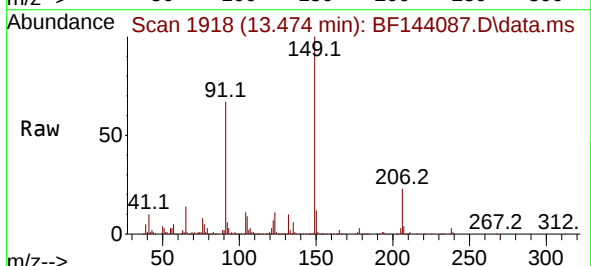
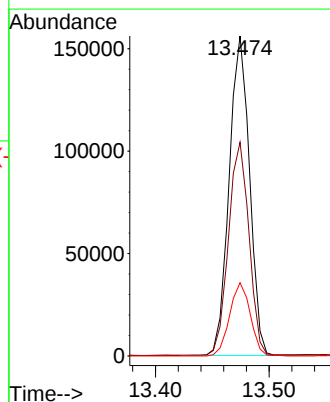
Tgt Ion:149 Resp: 194211

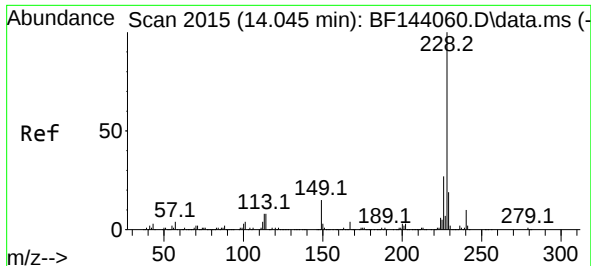
Ion Ratio Lower Upper

149 100

91 66.8 56.6 84.8

206 22.9 18.3 27.5

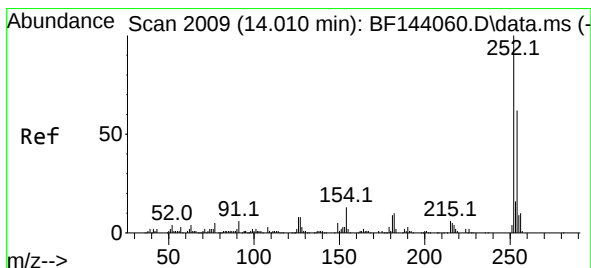
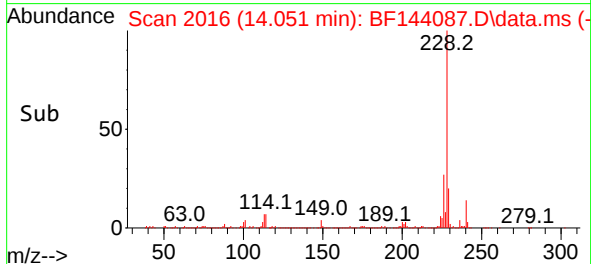
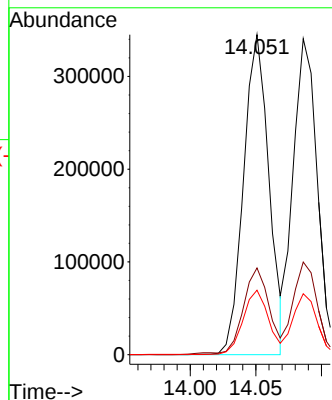
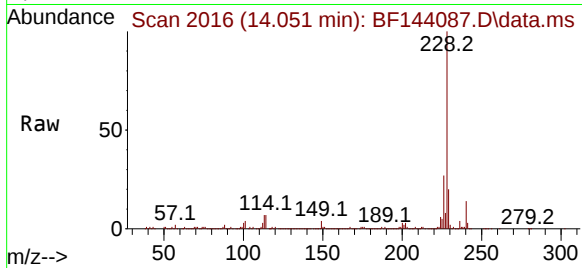




#81  
Benzo(a)anthracene  
Concen: 50.339 ng  
RT: 14.051 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

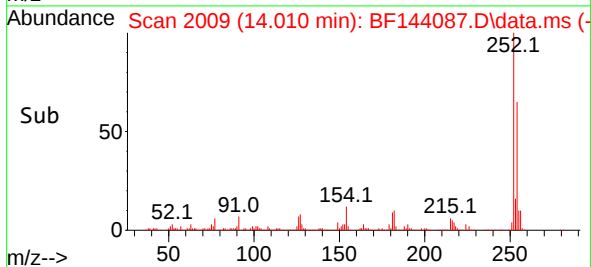
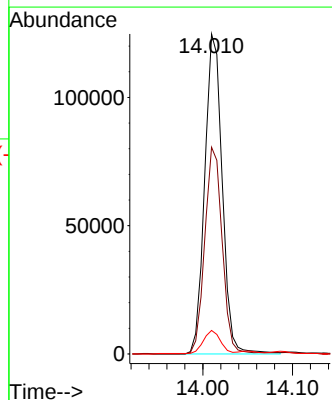
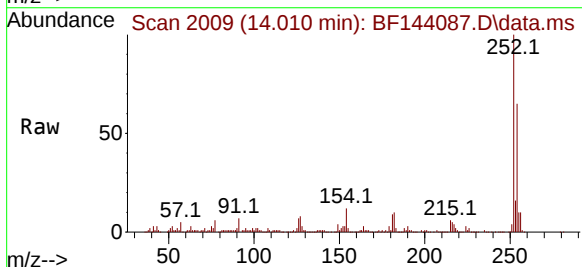
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

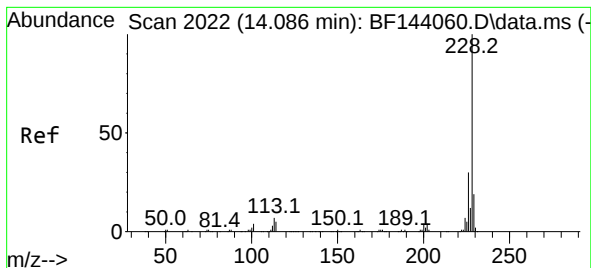
Tgt Ion:228 Resp: 466010  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.2  
229 20.1 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 52.427 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:252 Resp: 168947  
Ion Ratio Lower Upper  
252 100  
254 64.6 49.9 74.9  
126 7.3 6.5 9.7





#83

Chrysene

Concen: 49.535 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

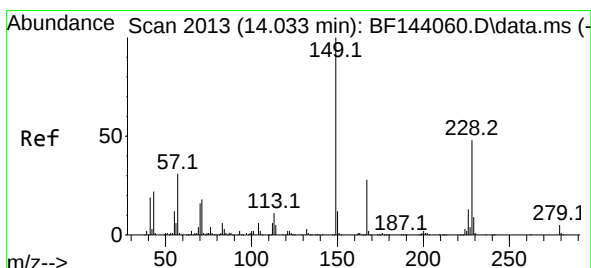
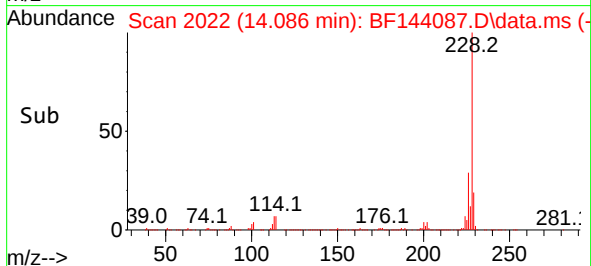
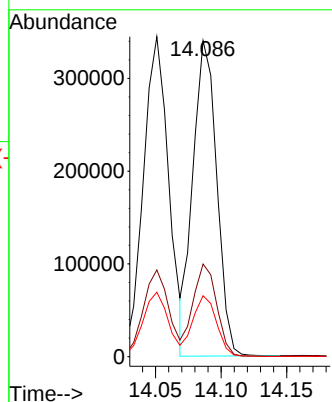
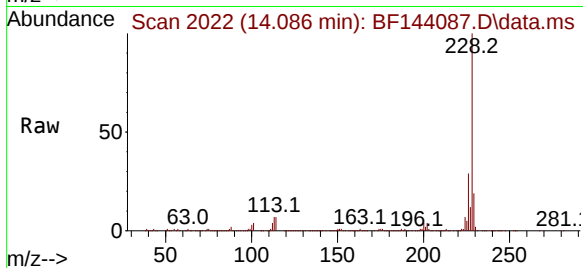
Tgt Ion:228 Resp: 430315

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.395 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

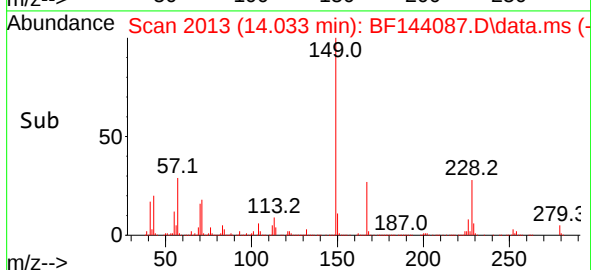
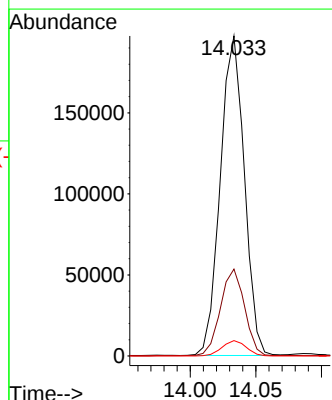
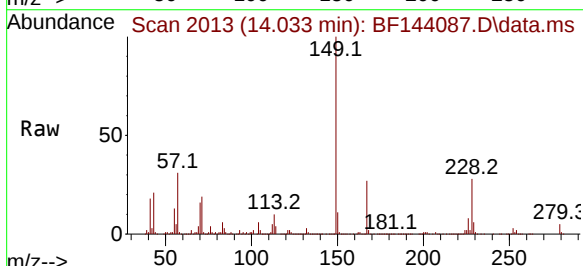
Tgt Ion:149 Resp: 251234

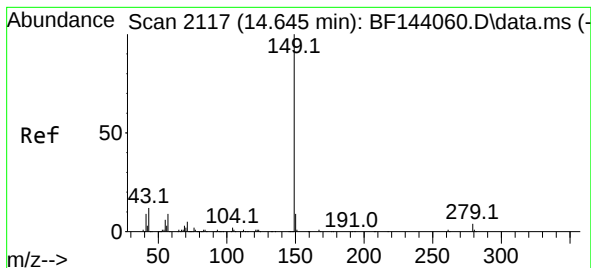
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.634 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

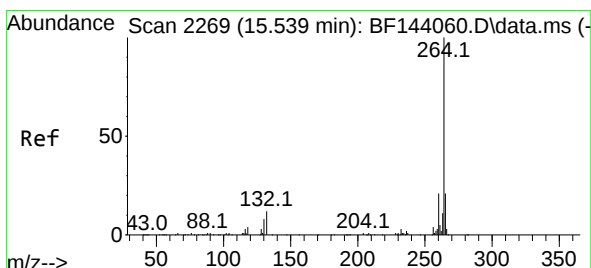
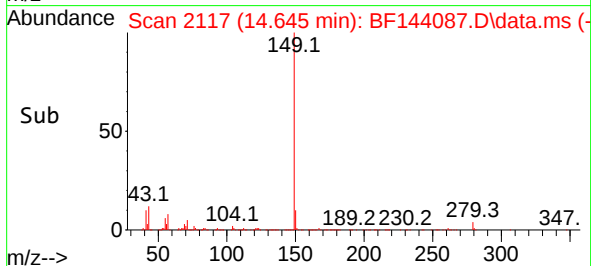
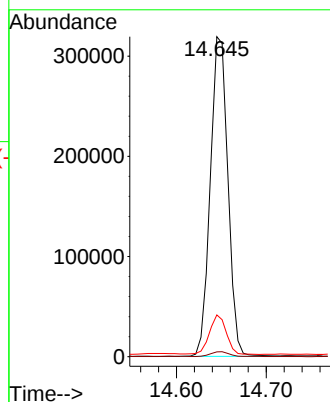
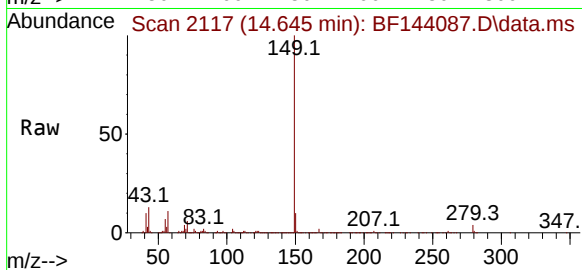
Tgt Ion:149 Resp: 434149

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

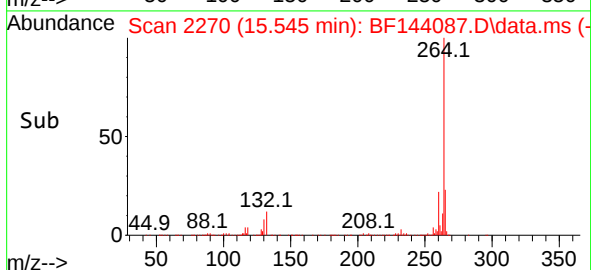
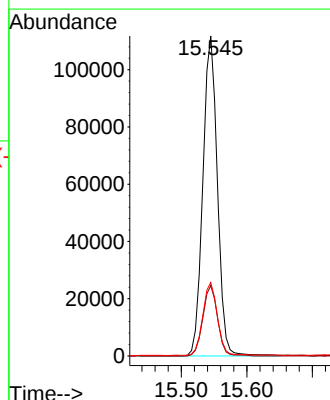
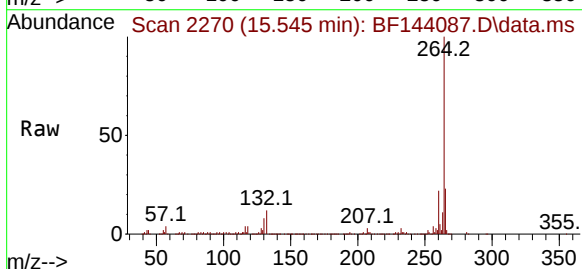
Tgt Ion:264 Resp: 173026

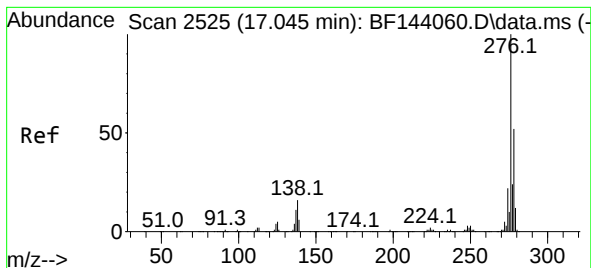
Ion Ratio Lower Upper

264 100

260 22.0 17.0 25.4

265 23.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.545 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA\_F

ClientSampleId :

PR132-S07-000102-22510170MS

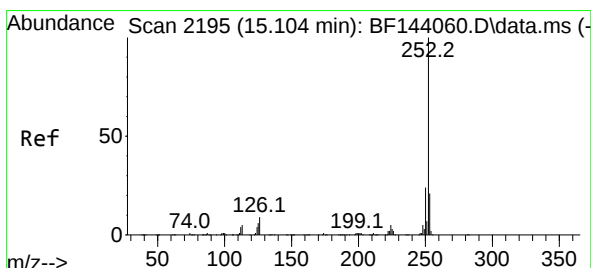
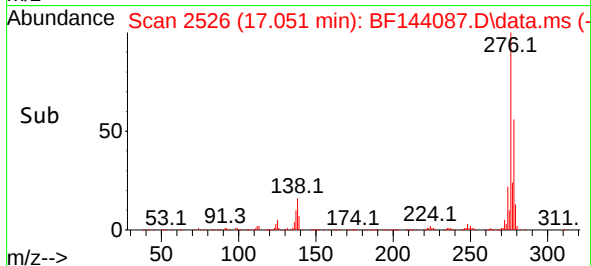
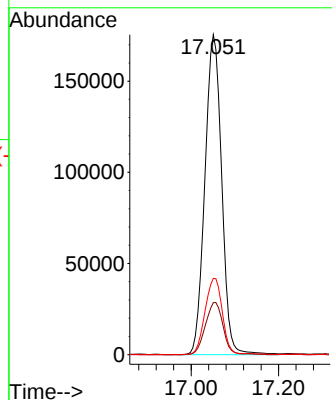
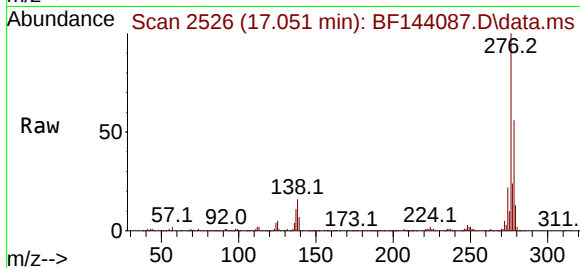
Tgt Ion:276 Resp: 469760

Ion Ratio Lower Upper

276 100

138 17.1 13.0 19.6

277 24.7 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 47.329 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

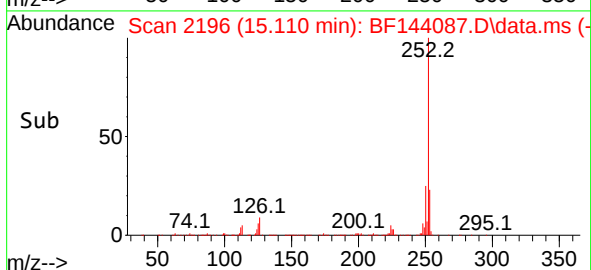
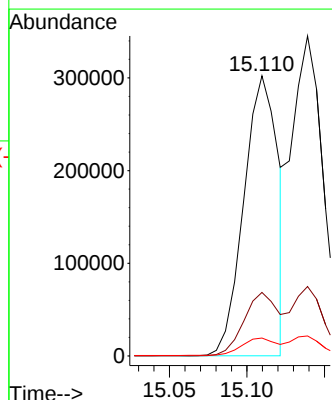
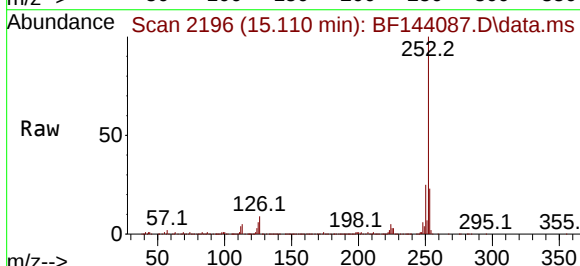
Tgt Ion:252 Resp: 462962

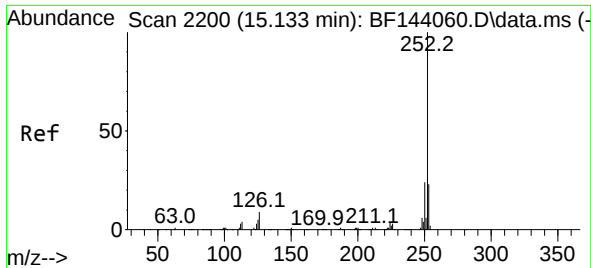
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 6.4 5.0 7.6

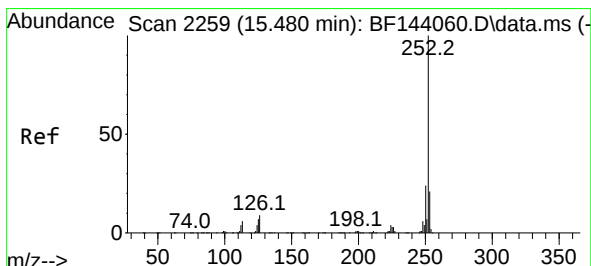
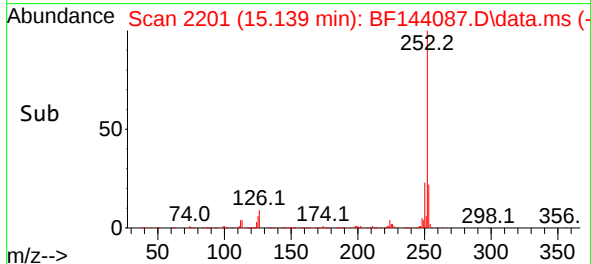
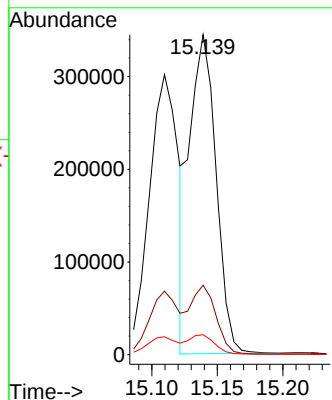
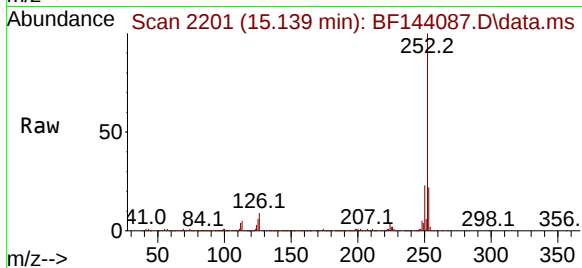




#89  
Benzo(k)fluoranthene  
Concen: 53.269 ng  
RT: 15.139 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

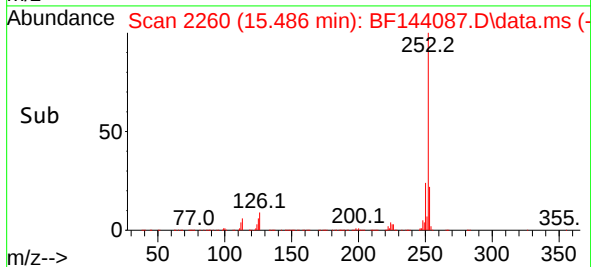
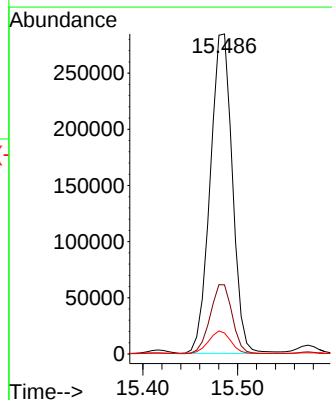
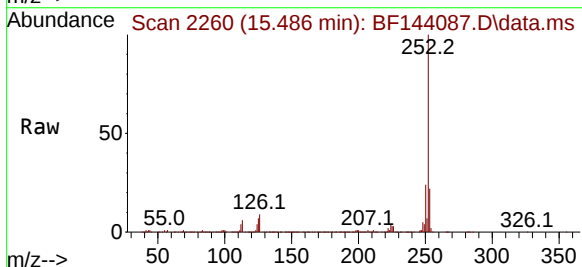
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

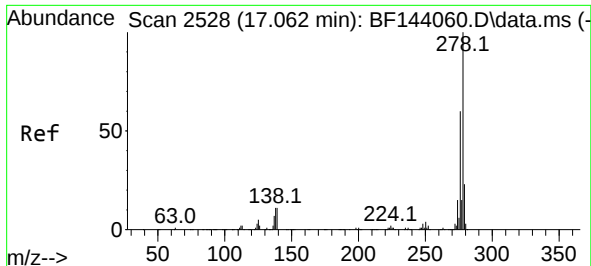
Tgt Ion:252 Resp: 480747  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 6.3 4.9 7.3



#90  
Benzo(a)pyrene  
Concen: 52.755 ng  
RT: 15.486 min Scan# 2260  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:252 Resp: 462948  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 6.6 5.4 8.2

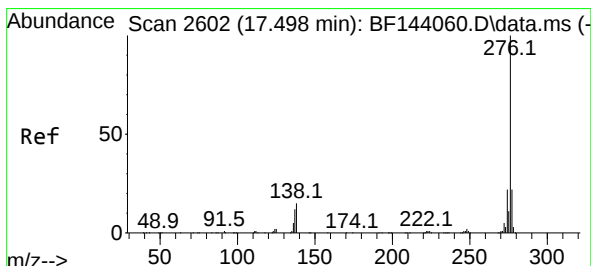
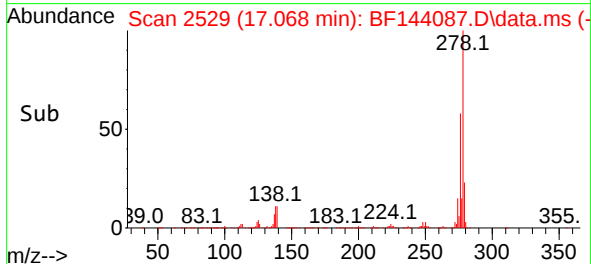
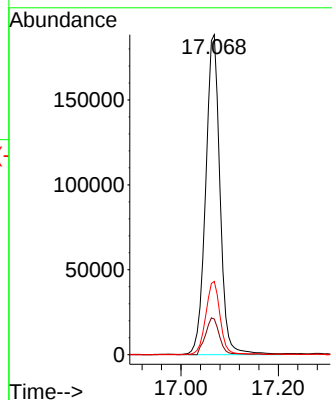
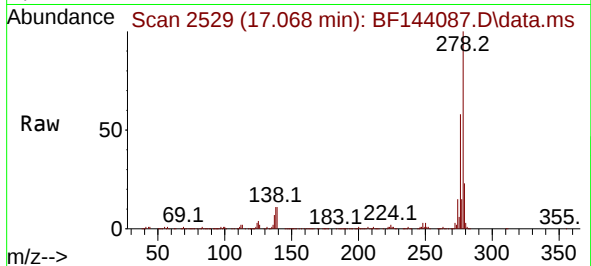




#91  
Dibenzo(a,h)anthracene  
Concen: 40.799 ng  
RT: 17.068 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S07-000102-22510170MS

Tgt Ion:278 Resp: 383642  
Ion Ratio Lower Upper  
278 100  
139 11.2 8.5 12.7  
279 22.9 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 36.791 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. 0.006 min  
Lab File: BF144087.D  
Acq: 27 Oct 2025 17:03

Tgt Ion:276 Resp: 347818  
Ion Ratio Lower Upper  
276 100  
277 23.7 17.9 26.9  
138 14.4 12.0 18.0

