

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121225\  
 Data File : BF144453.D  
 Acq On : 12 Dec 2025 16:21  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF121225

Quant Time: Dec 12 16:46:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 228993   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 897927   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 482666   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 777264   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 428285   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.380 | 264  | 418823   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.392  | 112  | 1066823  | 70.245 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.416  | 99   | 1328620  | 70.137 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 1132258  | 78.909 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 331384   | 75.940 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 2084441  | 66.251 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 1879789  | 69.295 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.493  | 88   | 262255   | 35.911 | ng    | 99       |
| 3) Pyridine                   | 3.222  | 79   | 708413   | 35.278 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.169  | 42   | 326649   | 37.430 | ng    | 100      |
| 6) Aniline                    | 6.457  | 93   | 970951   | 36.744 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.575  | 128  | 612394   | 37.611 | ng    | 100      |
| 9) Benzaldehyde               | 6.345  | 77   | 470234   | 31.709 | ng    | 99       |
| 10) Phenol                    | 6.428  | 94   | 814985   | 36.453 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 572282   | 35.020 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 641073   | 36.441 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.816  | 146  | 639820   | 36.248 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 619178   | 36.938 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.934  | 79   | 525620   | 37.645 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 916437   | 33.231 | ng    | 99       |
| 17) 2-Methylphenol            | 7.039  | 107  | 498552   | 36.323 | ng    | 99       |
| 18) Hexachloroethane          | 7.310  | 117  | 228966   | 37.333 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 434437   | 36.307 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 616615   | 36.563 | ng    | 97       |
| 22) Acetophenone              | 7.204  | 105  | 794208   | 35.659 | ng    | 99       |
| 24) Nitrobenzene              | 7.375  | 77   | 632728   | 40.648 | ng    | 100      |
| 25) Isophorone                | 7.616  | 82   | 1160863  | 35.848 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 266268   | 40.408 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 570737   | 36.938 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 703781   | 35.269 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 488764   | 38.070 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.022  | 180  | 520755   | 37.397 | ng    | 98       |
| 31) Naphthalene               | 8.098  | 128  | 1712530  | 35.437 | ng    | 100      |
| 32) Benzoic acid              | 7.828  | 122  | 320610   | 36.643 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 725082   | 37.327 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 305859   | 35.523 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 155941   | 36.782 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.622  | 107  | 511781   | 36.720 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 1026523  | 32.285 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 1056202  | 34.114 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 494806   | 36.021 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 317717   | 39.081 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 340763   | 39.064 | ng    | 98       |

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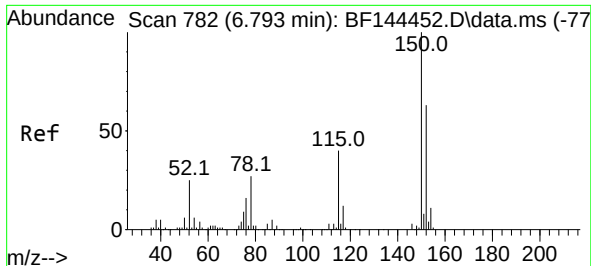
Quant Time: Dec 12 16:46:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.098  | 196  | 349575   | 38.181 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.257  | 154  | 1333299  | 35.347 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.280  | 162  | 1022865  | 35.522 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.369  | 65   | 310041   | 38.330 | ng    | 99       |
| 49) Acenaphthylene            | 9.692  | 152  | 1670375  | 36.613 | ng    | 100      |
| 50) Dimethylphthalate         | 9.557  | 163  | 1154706  | 35.417 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 246481   | 41.804 | ng    | 99       |
| 52) Acenaphthene              | 9.863  | 154  | 1009565  | 35.491 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.780  | 138  | 284941   | 39.552 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.880  | 184  | 88929    | 39.519 | ng    | # 65     |
| 55) Dibenzofuran              | 10.039 | 168  | 1430002  | 35.332 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.927  | 139  | 221030   | 39.810 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 309399   | 38.730 | ng    | 97       |
| 58) Fluorene                  | 10.380 | 166  | 1062616  | 34.672 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 297073   | 42.744 | ng    | 97       |
| 60) Diethylphthalate          | 10.257 | 149  | 1101383  | 35.644 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.375 | 204  | 517958   | 34.446 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.392 | 138  | 265661   | 37.440 | ng    | 99       |
| 63) Azobenzene                | 10.533 | 77   | 1167345  | 35.746 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 134819   | 40.176 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.492 | 169  | 958294   | 35.977 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248  | 326663   | 36.000 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 358339   | 35.774 | ng    | 99       |
| 69) Atrazine                  | 11.016 | 200  | 309934   | 37.148 | ng    | 100      |
| 70) Pentachlorophenol         | 11.116 | 266  | 218340   | 38.215 | ng    | 98       |
| 71) Phenanthrene              | 11.339 | 178  | 1561820  | 34.855 | ng    | 100      |
| 72) Anthracene                | 11.392 | 178  | 1596751  | 35.207 | ng    | 99       |
| 73) Carbazole                 | 11.539 | 167  | 1391570  | 35.344 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 1503143  | 35.715 | ng    | 100      |
| 75) Fluoranthene              | 12.521 | 202  | 1473371  | 33.297 | ng    | 100      |
| 77) Benzidine                 | 12.645 | 184  | 688687   | 45.160 | ng    | 100      |
| 78) Pyrene                    | 12.751 | 202  | 1487940  | 37.920 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 439891   | 34.839 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 1090859  | 36.169 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.904 | 252  | 334015   | 39.083 | ng    | 99       |
| 83) Chrysene                  | 13.974 | 228  | 927546   | 33.604 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 509600   | 34.594 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 757278   | 34.643 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.798 | 276  | 1221861  | 40.644 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.968 | 252  | 929180   | 33.794 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 14.992 | 252  | 852647   | 32.796 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.321 | 252  | 871712   | 36.271 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.821 | 278  | 1009049  | 41.562 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.227 | 276  | 1026454  | 41.581 | ng    | 100      |

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

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QLast Update : Fri Dec 12 15:57:03 2025  
Response via : Initial Calibration

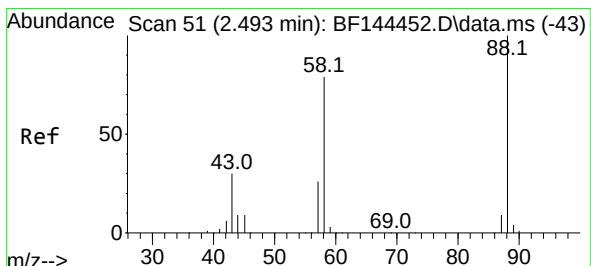
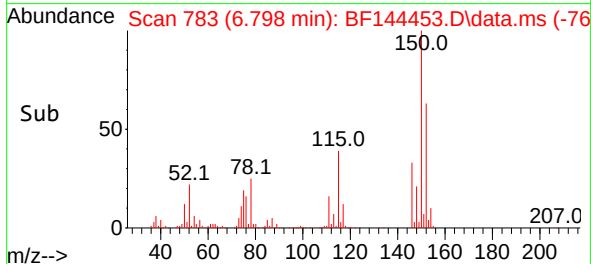
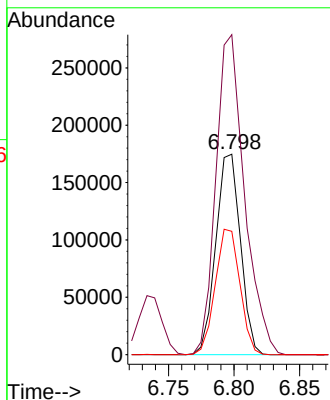
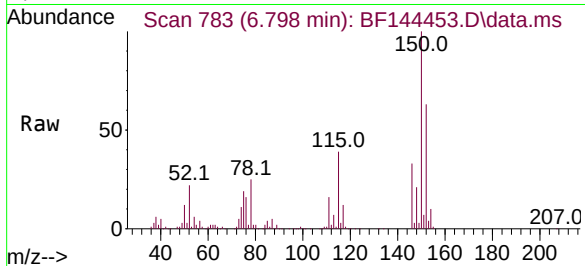




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 782  
 Delta R.T. 0.005 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

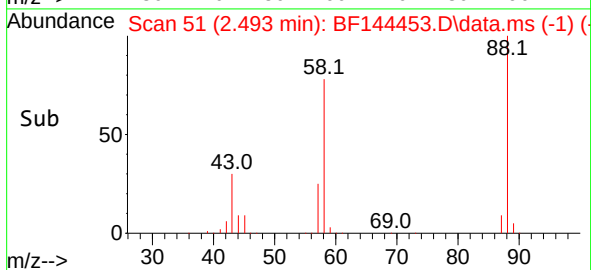
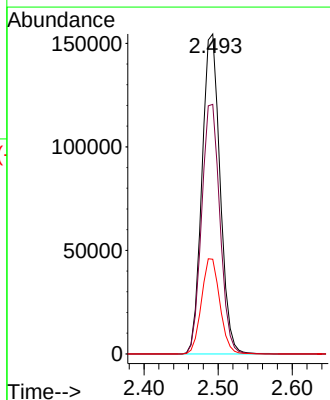
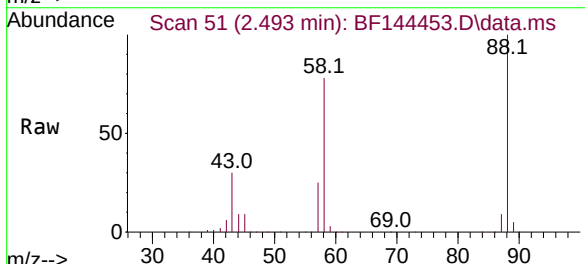
Instrument :  
 BNA\_F  
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 ICVBF121225

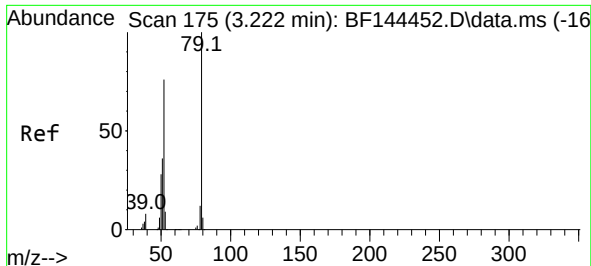
Tgt Ion:152 Resp: 228993  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 127.4 191.2  
 115 61.5 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 35.911 ng  
 RT: 2.493 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

Tgt Ion: 88 Resp: 262255  
 Ion Ratio Lower Upper  
 88 100  
 58 78.7 63.9 95.9  
 43 30.1 24.2 36.4

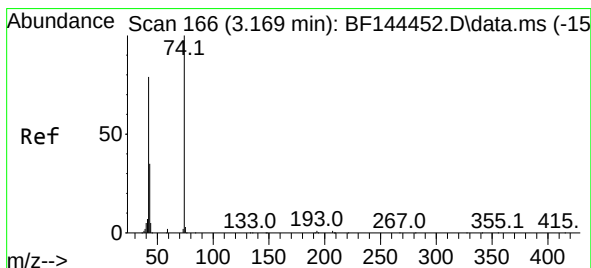
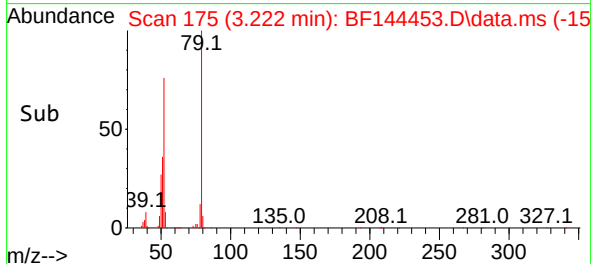
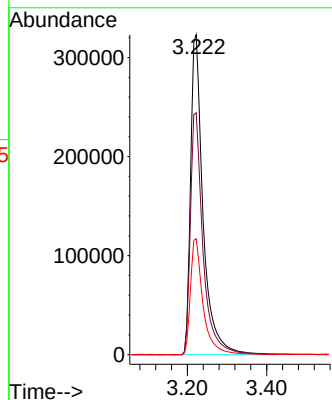
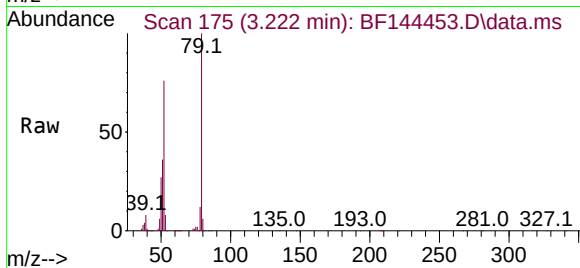




#3  
Pyridine  
Concen: 35.278 ng  
RT: 3.222 min Scan# 175  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

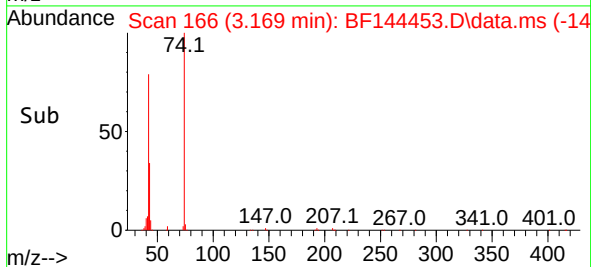
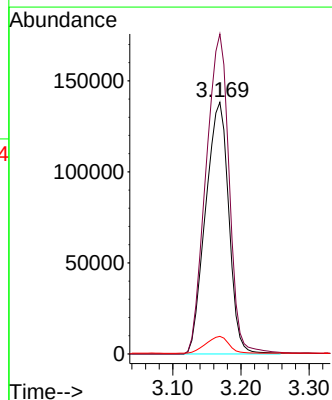
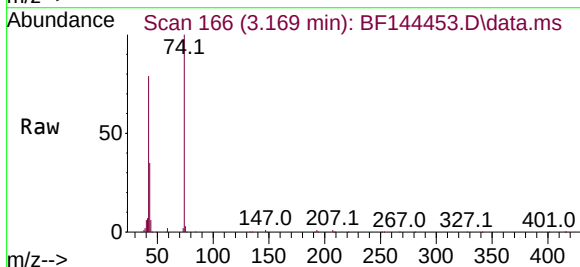
Instrument :  
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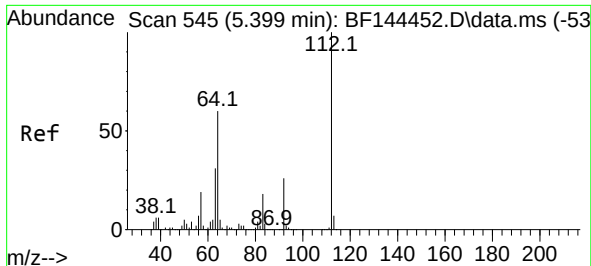
Tgt Ion: 79 Resp: 708413  
Ion Ratio Lower Upper  
79 100  
52 75.6 60.5 90.7  
51 36.2 29.0 43.6



#4  
n-Nitrosodimethylamine  
Concen: 37.430 ng  
RT: 3.169 min Scan# 166  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 42 Resp: 326649  
Ion Ratio Lower Upper  
42 100  
74 127.2 101.8 152.8  
44 7.0 5.7 8.5

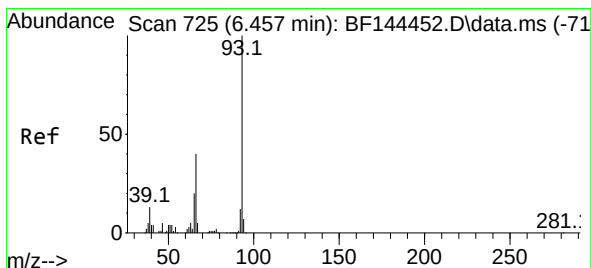
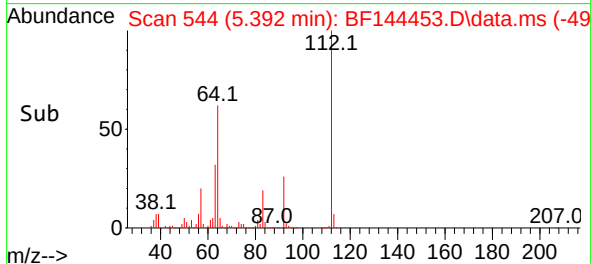
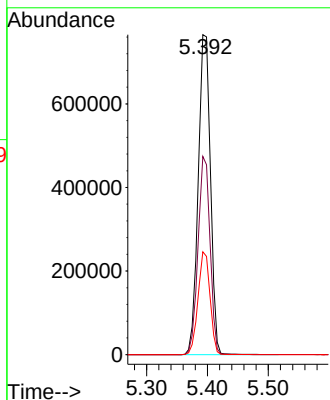
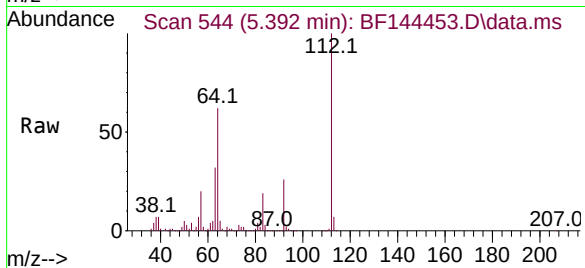




#5  
2-Fluorophenol  
Concen: 70.245 ng  
RT: 5.392 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

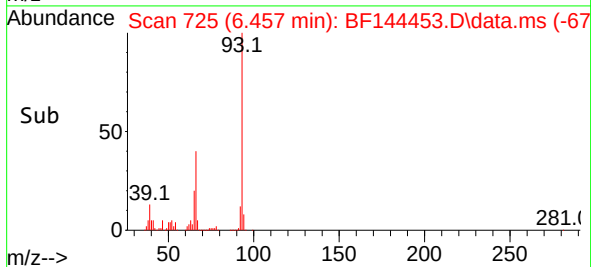
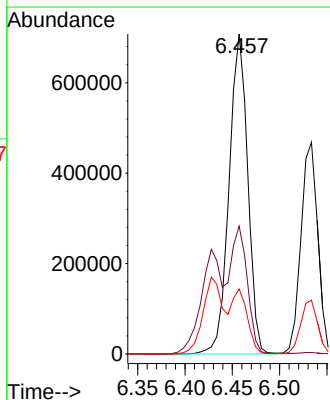
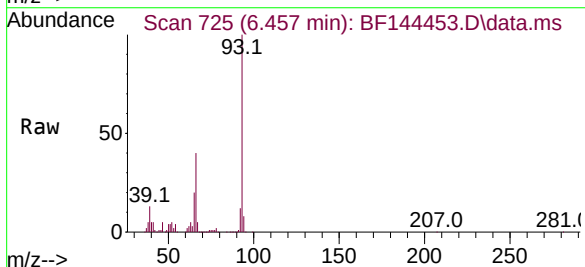
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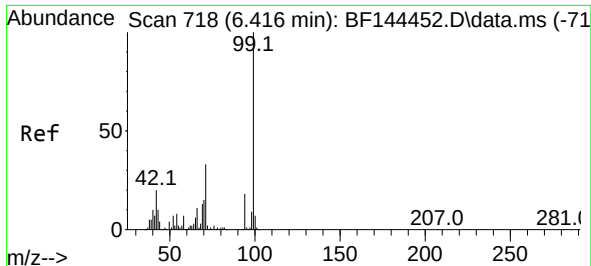
Tgt Ion:112 Resp: 1066823  
Ion Ratio Lower Upper  
112 100  
64 61.9 47.8 71.6  
63 32.1 24.6 37.0



#6  
Aniline  
Concen: 36.744 ng  
RT: 6.457 min Scan# 725  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 93 Resp: 970951  
Ion Ratio Lower Upper  
93 100  
66 39.9 32.4 48.6  
65 20.3 16.1 24.1





#7  
Phenol-d6  
Concen: 70.137 ng  
RT: 6.416 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :

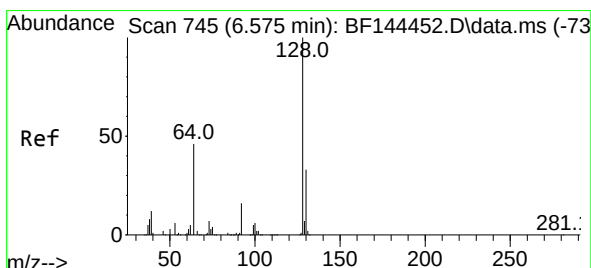
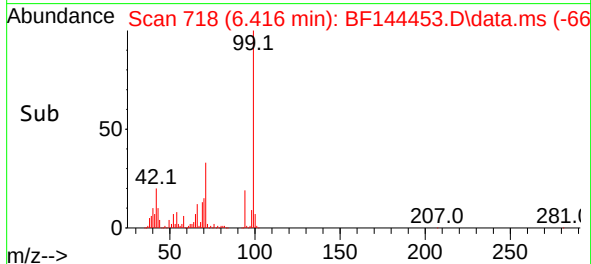
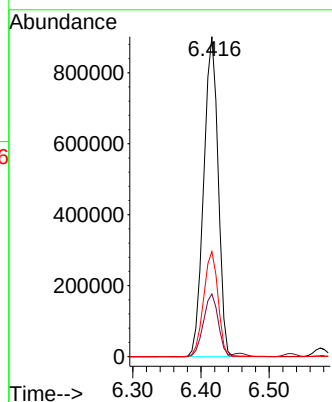
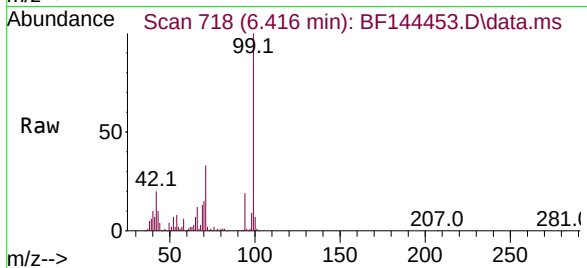
BNA\_F

ClientSampleId :

ICVBF121225

Tgt Ion: 99 Resp: 1328620

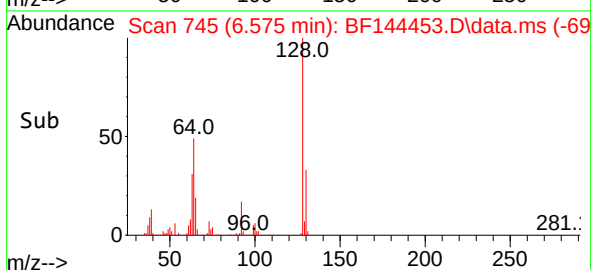
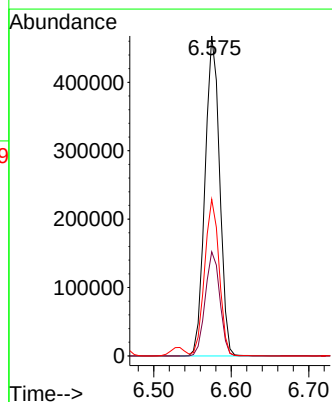
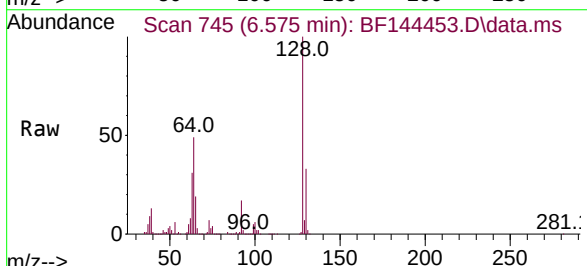
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 15.7  | 23.5  |
| 71  | 32.8  | 26.4  | 39.6  |

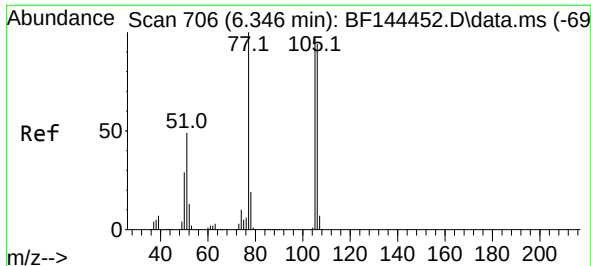


#8  
2-Chlorophenol  
Concen: 37.611 ng  
RT: 6.575 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 128 Resp: 612394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 13.0  | 53.0  |
| 64  | 48.9  | 28.9  | 68.9  |

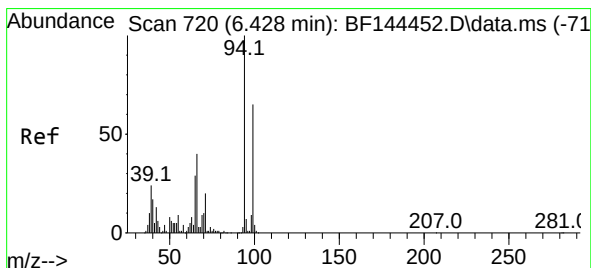
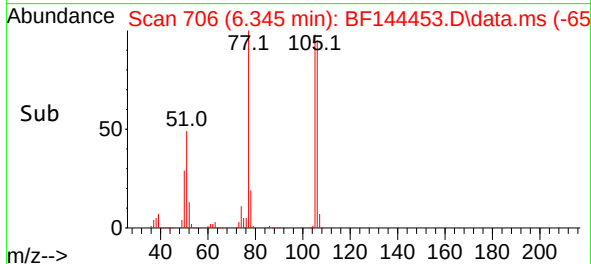
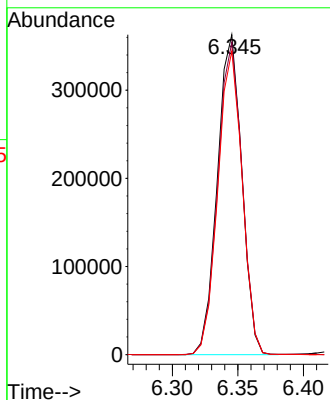
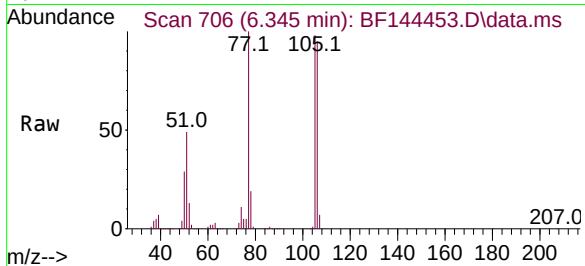




#9  
Benzaldehyde  
Concen: 31.709 ng  
RT: 6.345 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

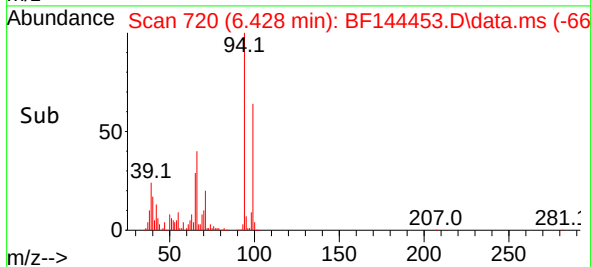
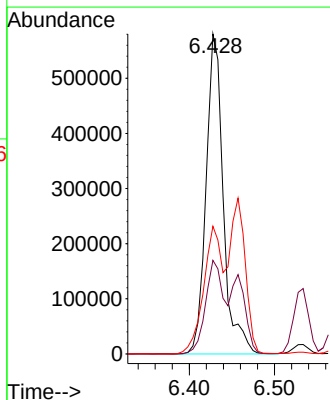
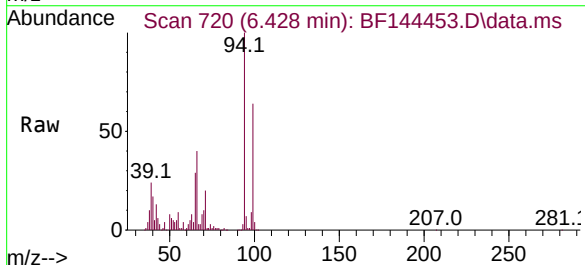
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion: 77 Resp: 470234  
Ion Ratio Lower Upper  
77 100  
105 97.6 77.0 117.0  
106 94.9 74.1 114.1

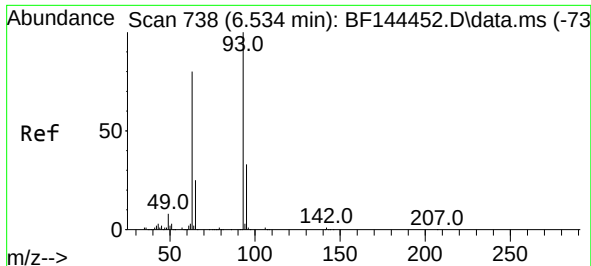


#10  
Phenol  
Concen: 36.453 ng  
RT: 6.428 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 94 Resp: 814985  
Ion Ratio Lower Upper  
94 100  
65 29.2 9.1 49.1  
66 39.9 20.3 60.3



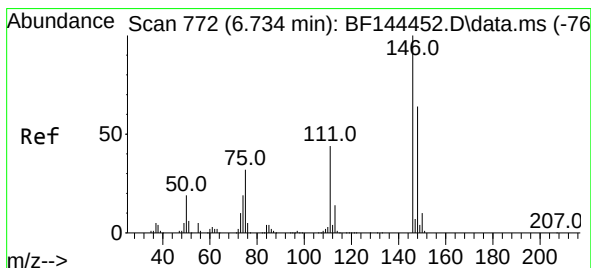
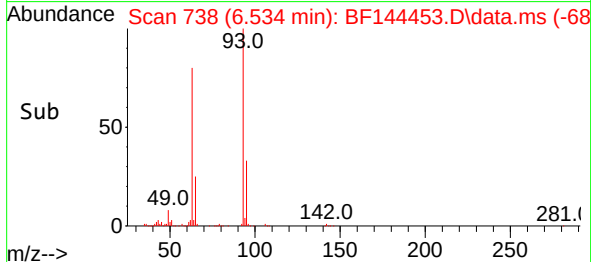
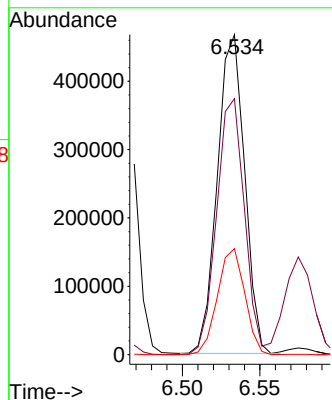
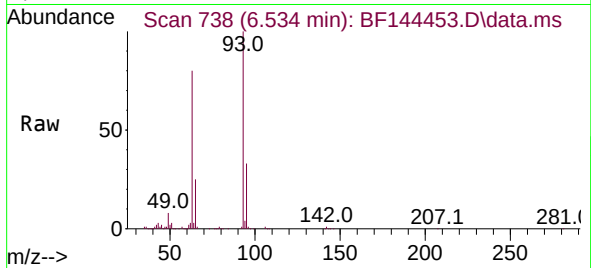




#11  
bis(2-Chloroethyl)ether  
Concen: 35.020 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

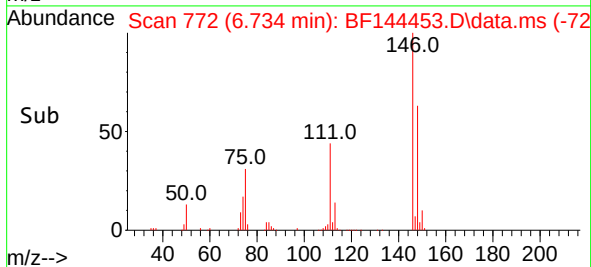
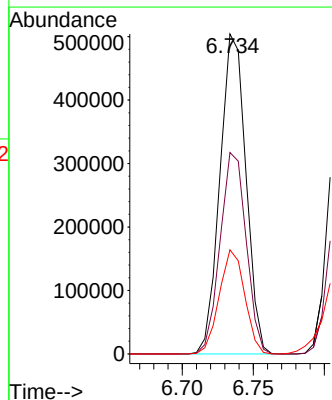
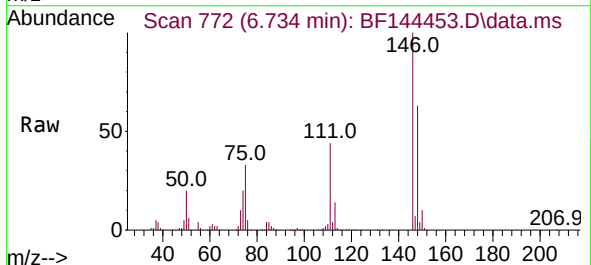
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

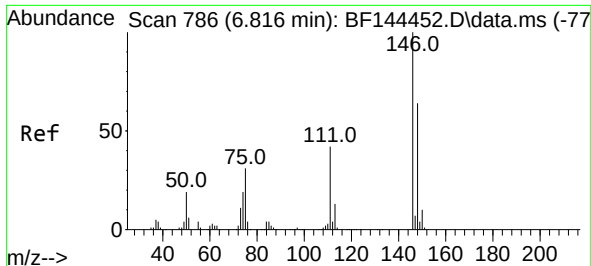
Tgt Ion: 93 Resp: 572282  
Ion Ratio Lower Upper  
93 100  
63 80.0 59.8 99.8  
95 33.1 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 36.441 ng  
RT: 6.734 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 146 Resp: 641073  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.0 76.6  
75 32.5 25.8 38.8

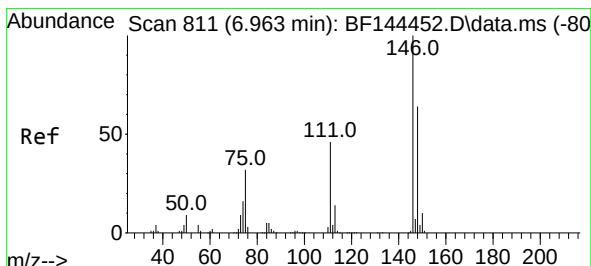
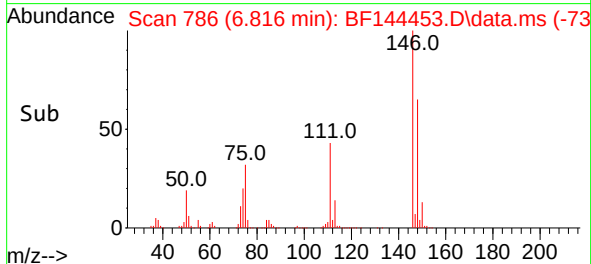
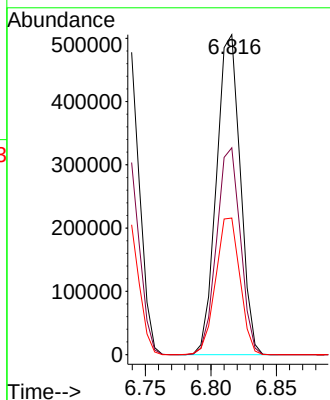
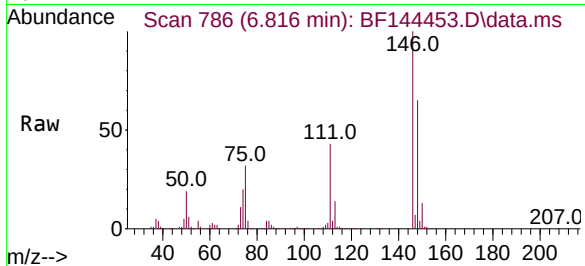




#13  
1,4-Dichlorobenzene  
Concen: 36.248 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

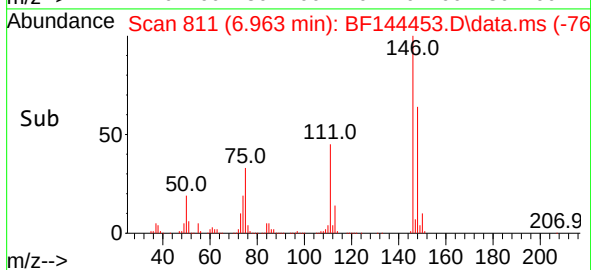
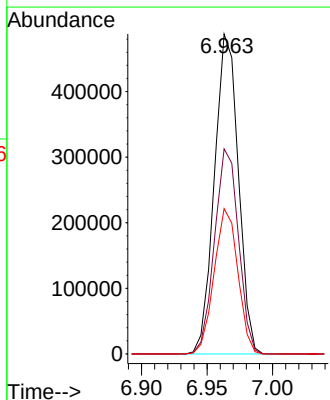
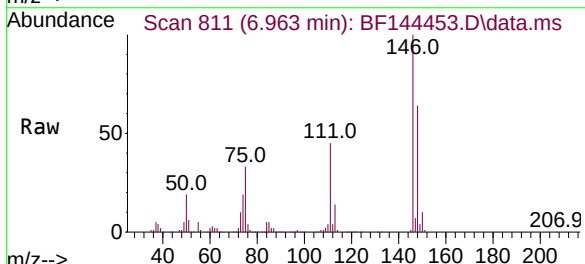
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

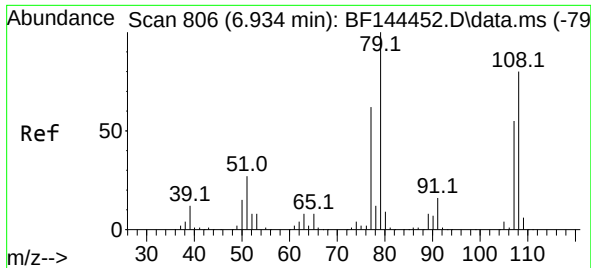
Tgt Ion:146 Resp: 639820  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.4 77.2  
111 42.7 33.8 50.8



#14  
1,2-Dichlorobenzene  
Concen: 36.938 ng  
RT: 6.963 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:146 Resp: 619178  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.2  
111 45.4 36.5 54.7

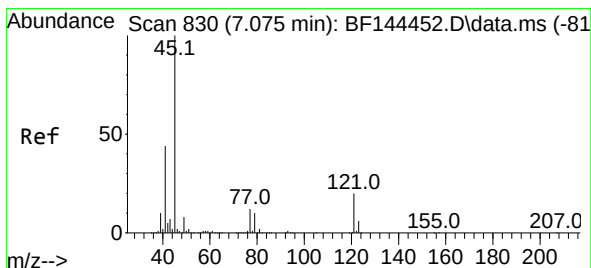
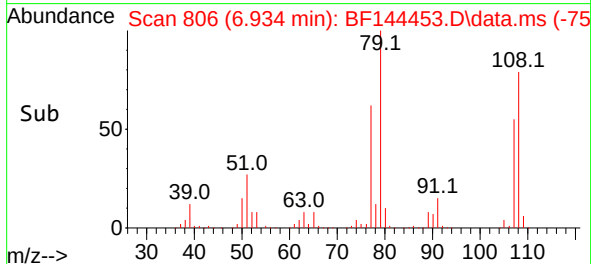
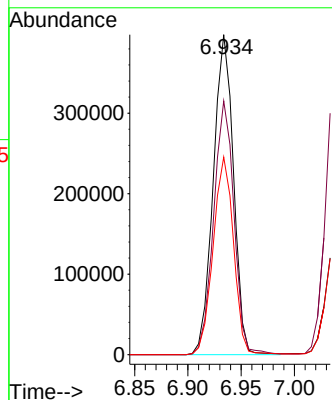
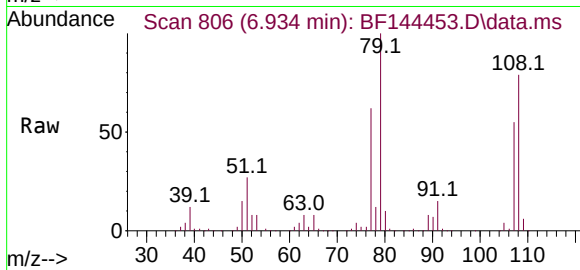




#15  
Benzyl Alcohol  
Concen: 37.645 ng  
RT: 6.934 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

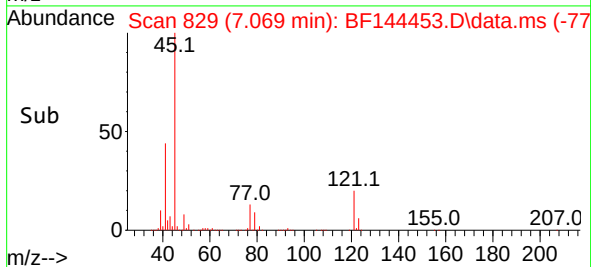
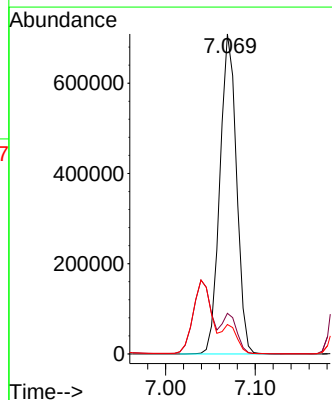
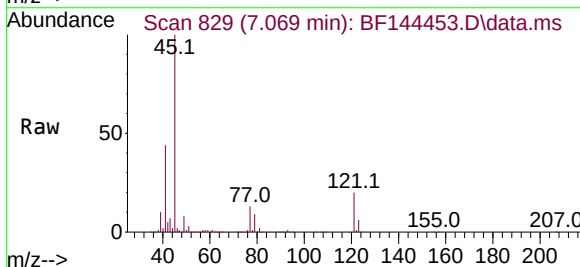
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

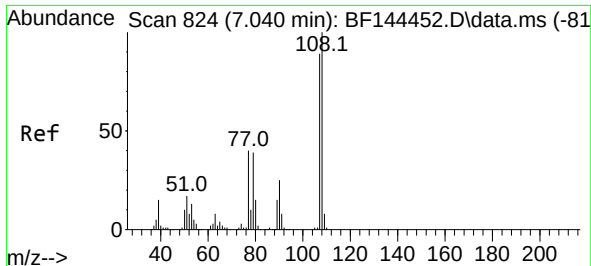
Tgt Ion: 79 Resp: 525620  
Ion Ratio Lower Upper  
79 100  
108 79.3 63.7 95.5  
77 61.7 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.231 ng  
RT: 7.069 min Scan# 829  
Delta R.T. -0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 45 Resp: 916437  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 32.6  
79 9.2 0.0 29.9



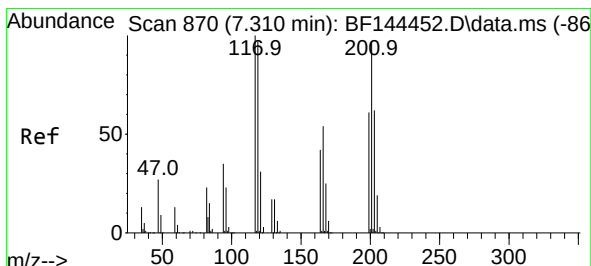
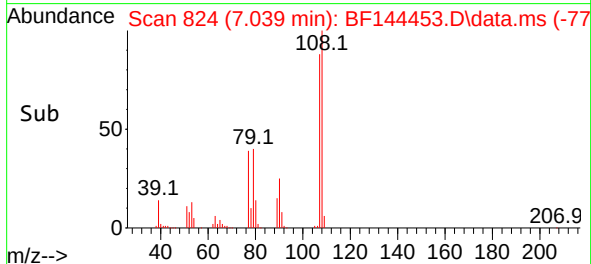
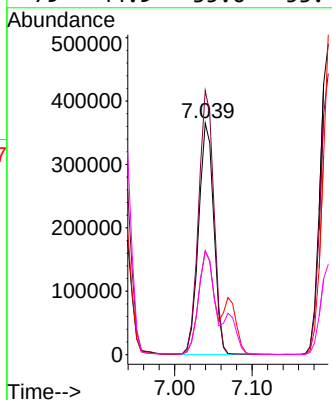
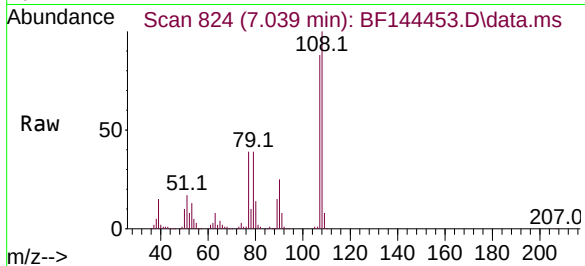


#17  
2-Methylphenol  
Concen: 36.323 ng  
RT: 7.039 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:107 Resp: 498552

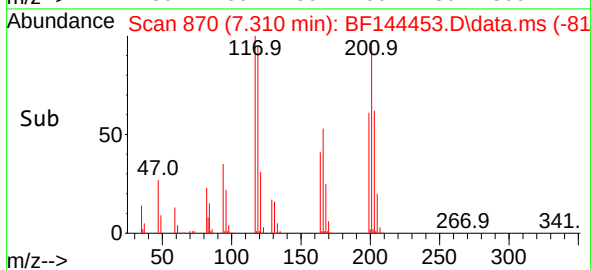
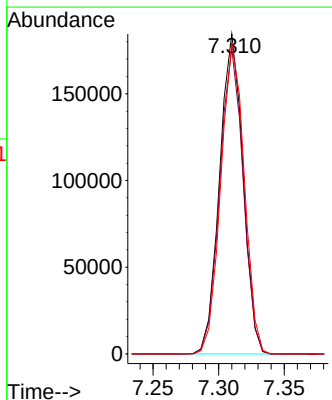
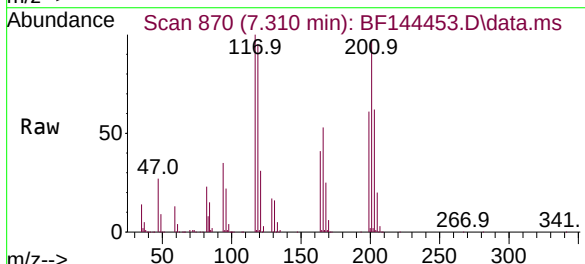
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.1 | 89.9  | 134.9 |
| 77  | 44.8  | 35.7  | 53.5  |
| 79  | 44.9  | 35.6  | 53.4  |

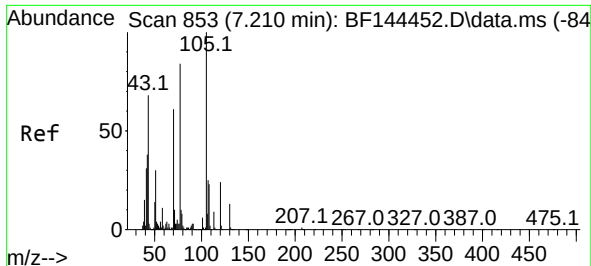


#18  
Hexachloroethane  
Concen: 37.333 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:117 Resp: 228966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.4  | 77.5  | 116.3 |
| 201 | 97.1  | 77.3  | 115.9 |



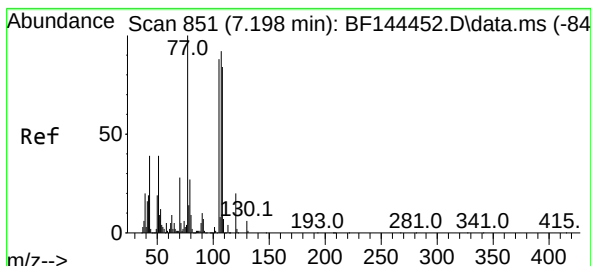
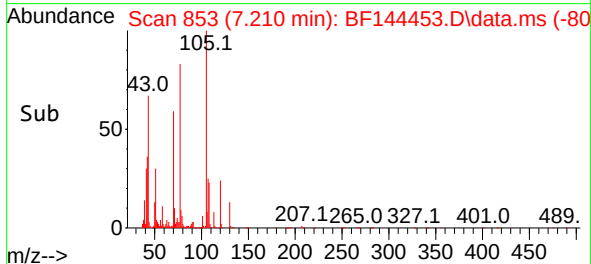
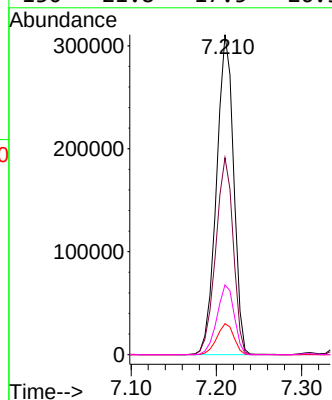
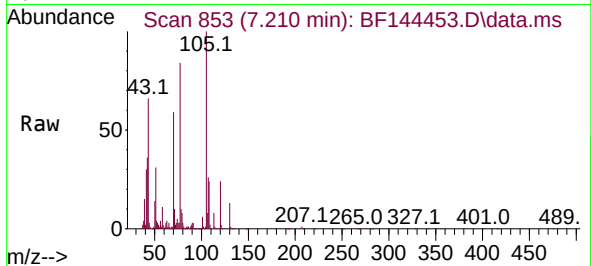


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.307 ng  
RT: 7.210 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion: 70 Resp: 434437

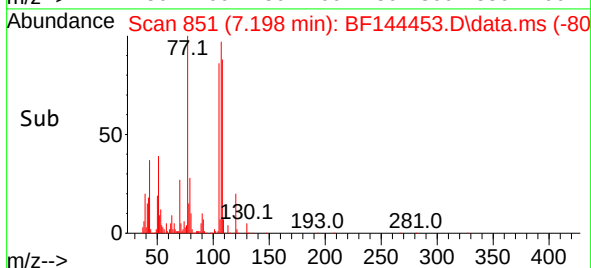
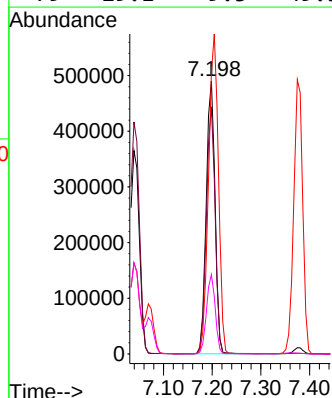
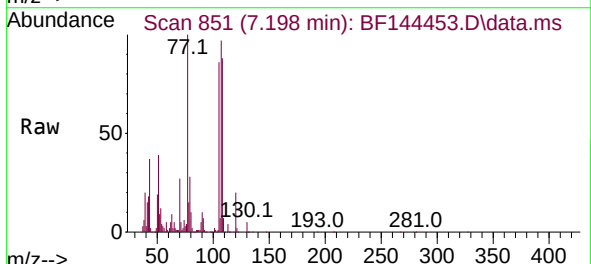
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 61.5  | 49.4  | 74.0  |
| 101 | 9.7   | 7.8   | 11.6  |
| 130 | 21.8  | 17.5  | 26.3  |

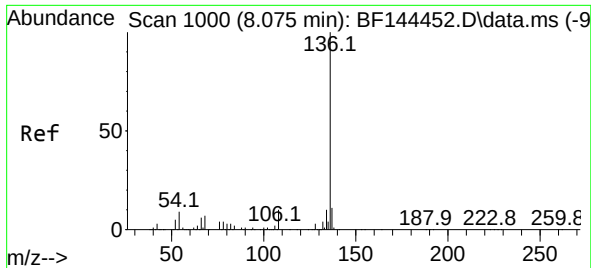


#20  
3+4-Methylphenols  
Concen: 36.563 ng  
RT: 7.198 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 107 Resp: 616615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.5  | 71.5  | 111.5 |
| 77  | 102.9 | 88.5  | 128.5 |
| 79  | 29.1  | 9.3   | 49.3  |



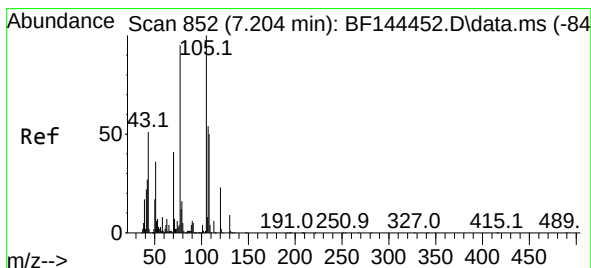
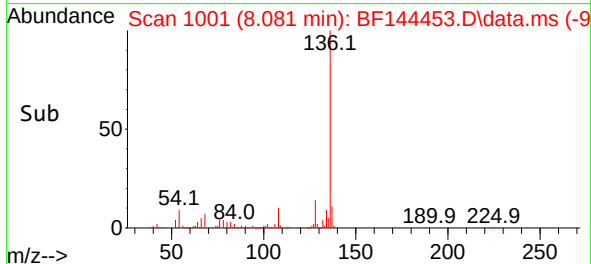
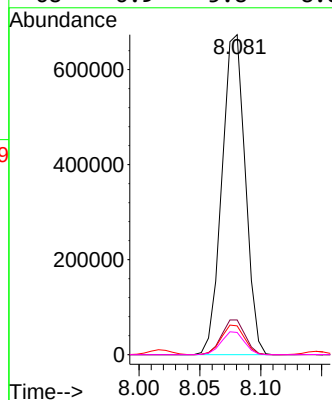
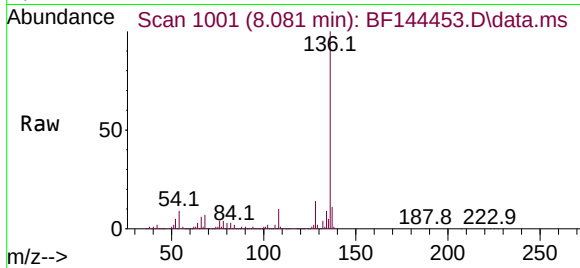


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:136 Resp: 897927

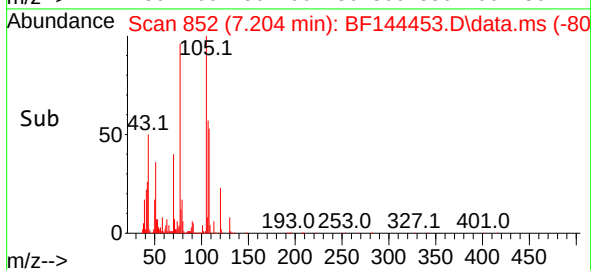
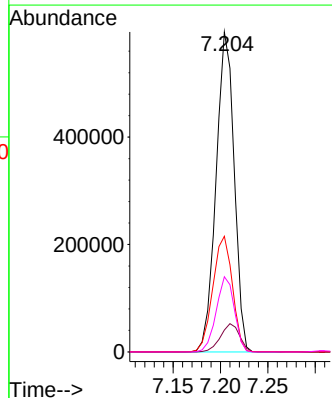
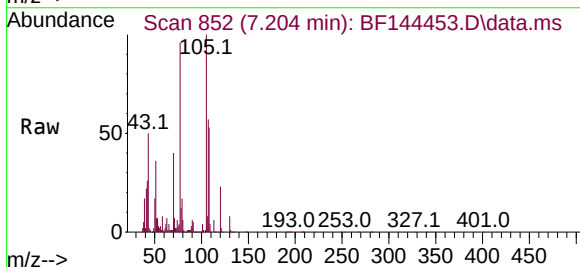
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 9.0   | 7.5   | 11.3  |
| 68  | 6.9   | 5.8   | 8.8   |

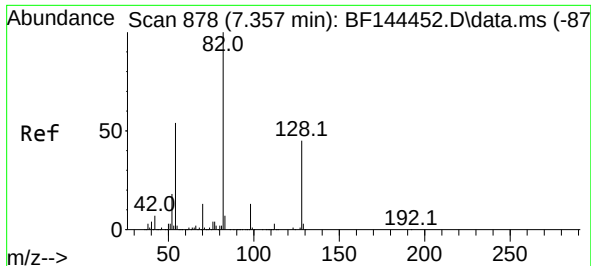


#22  
Acetophenone  
Concen: 35.659 ng  
RT: 7.204 min Scan# 852  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:105 Resp: 794208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.8   | 5.6   | 8.4   |
| 51  | 36.1  | 28.6  | 42.8  |
| 120 | 23.5  | 18.6  | 27.8  |





#23

Nitrobenzene-d5

Concen: 78.909 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

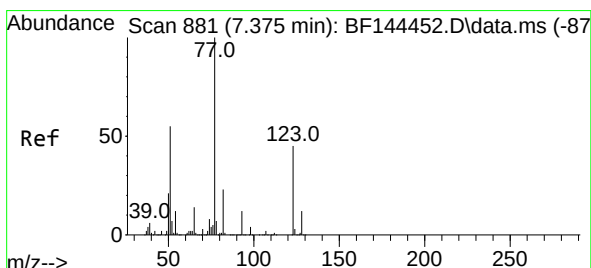
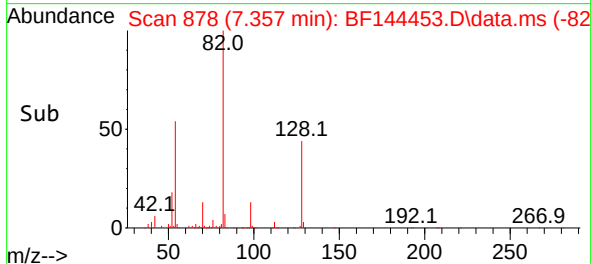
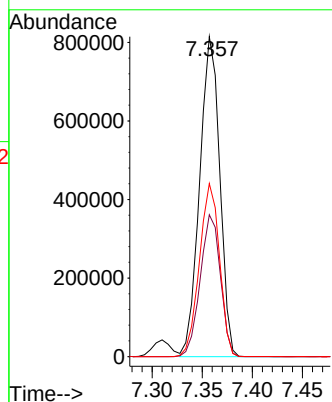
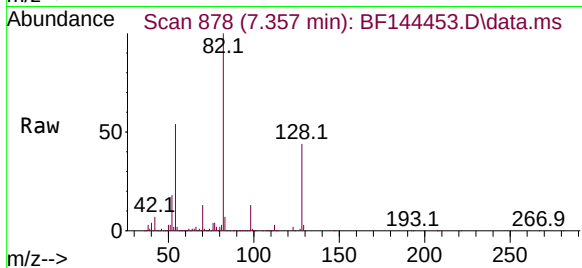
BNA\_F

ClientSampleId :

ICVBF121225

Tgt Ion: 82 Resp: 1132258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.3  | 35.5  | 53.3  |
| 54  | 54.1  | 43.3  | 64.9  |



#24

Nitrobenzene

Concen: 40.648 ng

RT: 7.375 min Scan# 881

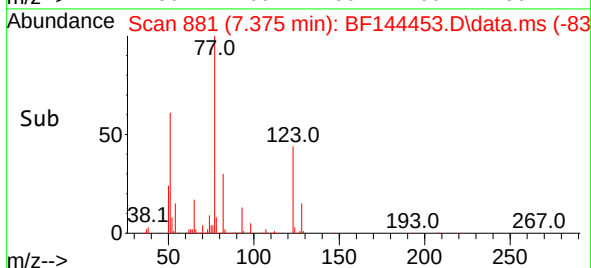
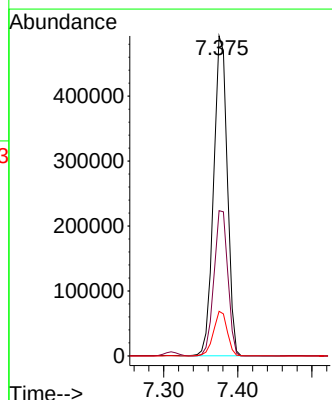
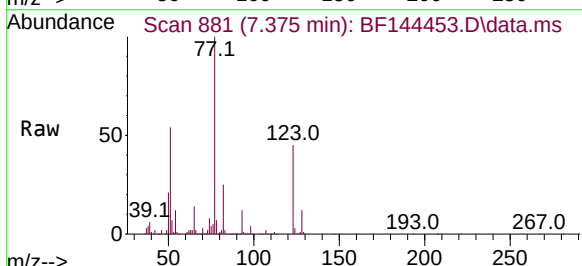
Delta R.T. -0.000 min

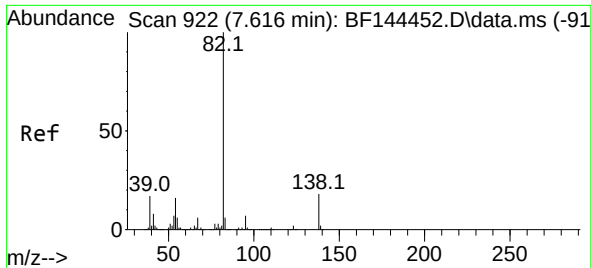
Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Tgt Ion: 77 Resp: 632728

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.4  | 36.2  | 54.2  |
| 65  | 13.9  | 11.0  | 16.6  |

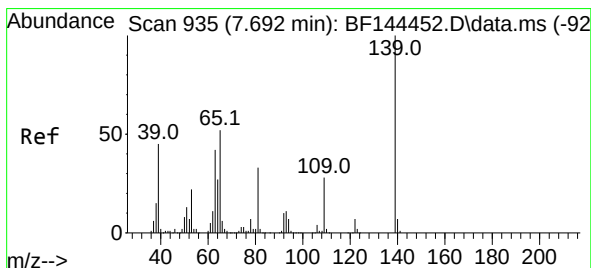
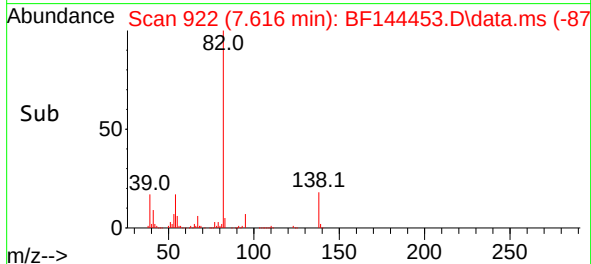
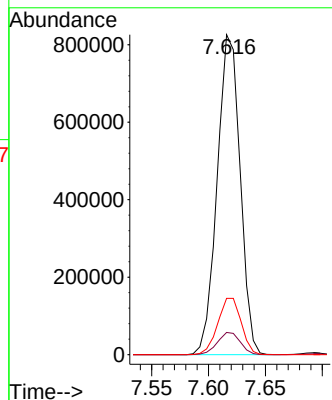
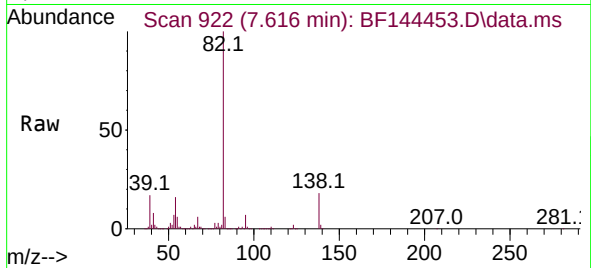




#25  
Isophorone  
Concen: 35.848 ng  
RT: 7.616 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

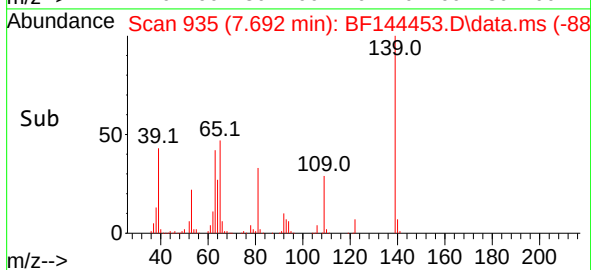
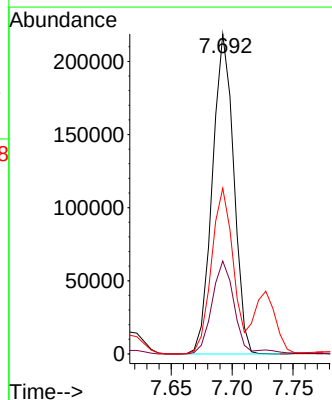
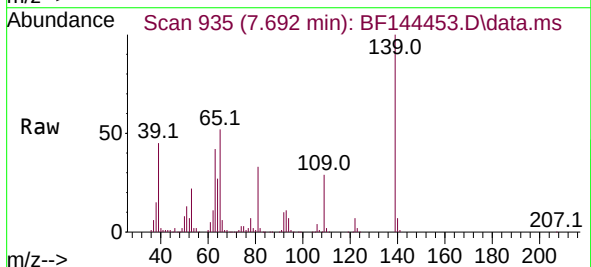
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion: 82 Resp: 1160863  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.4 8.2  
138 17.6 14.4 21.6

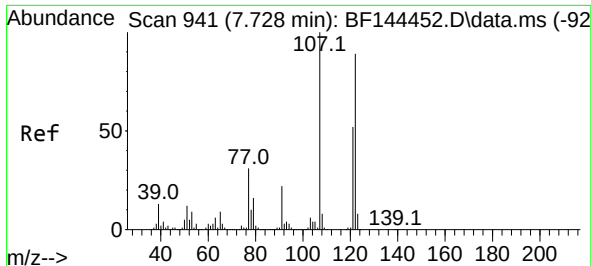


#26  
2-Nitrophenol  
Concen: 40.408 ng  
RT: 7.692 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:139 Resp: 266268  
Ion Ratio Lower Upper  
139 100  
109 29.1 22.1 33.1  
65 51.8 41.5 62.3







#27

2,4-Dimethylphenol

Concen: 36.938 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

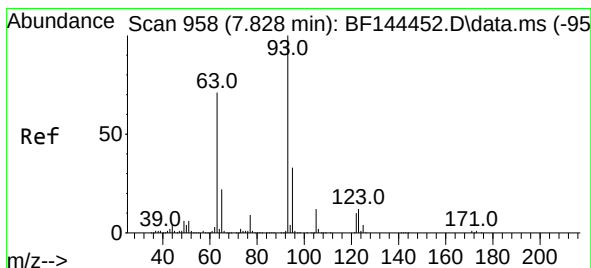
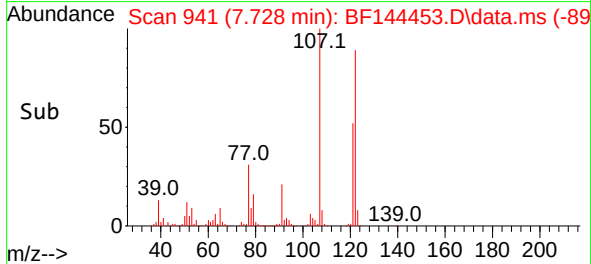
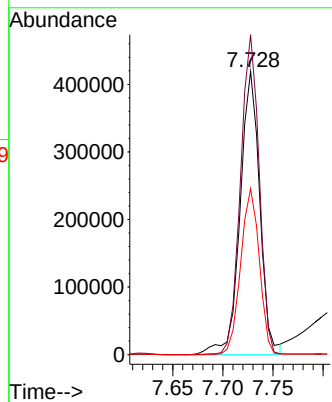
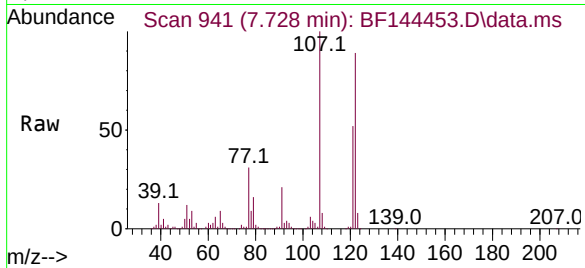
Tgt Ion:122 Resp: 570737

Ion Ratio Lower Upper

122 100

107 113.0 90.0 135.0

121 58.6 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 35.269 ng

RT: 7.828 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

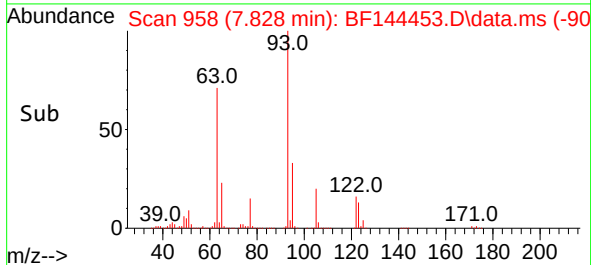
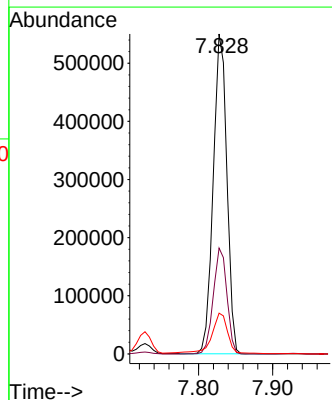
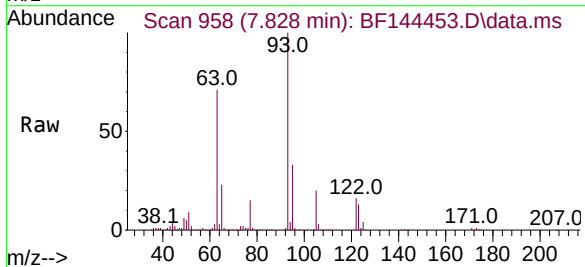
Tgt Ion: 93 Resp: 703781

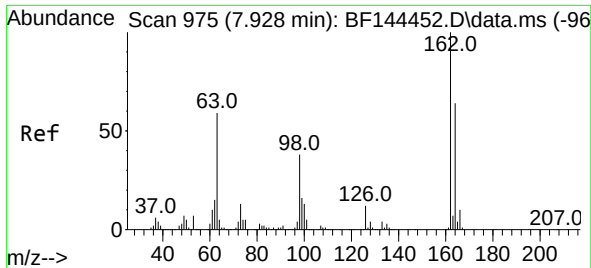
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.7 10.2 15.4

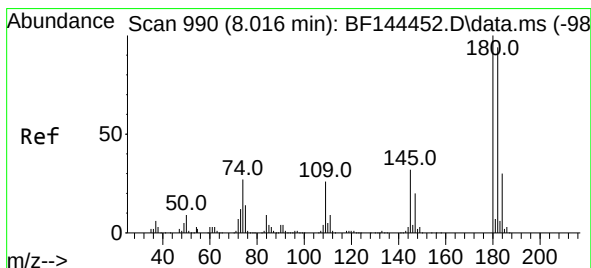
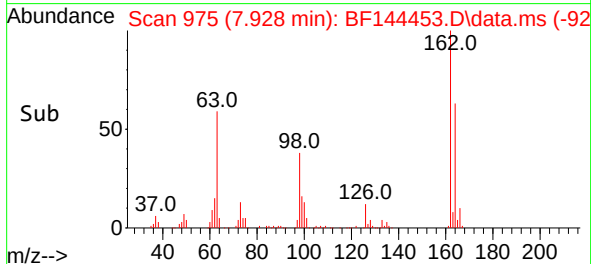
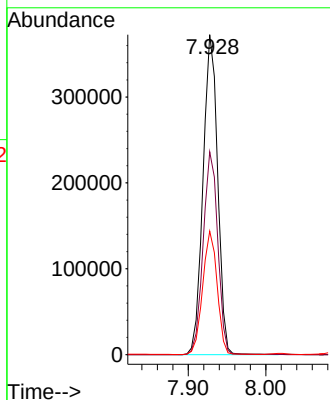
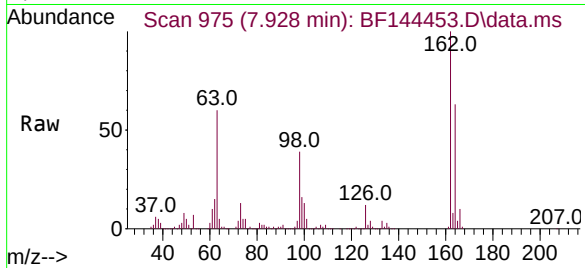




#29  
2,4-Dichlorophenol  
Concen: 38.070 ng  
RT: 7.928 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

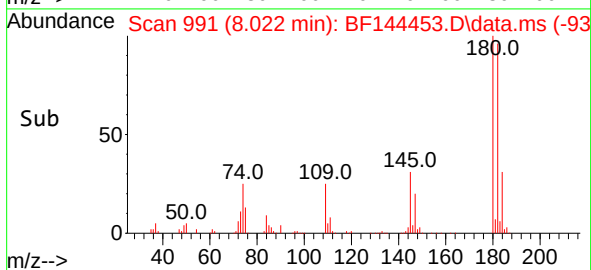
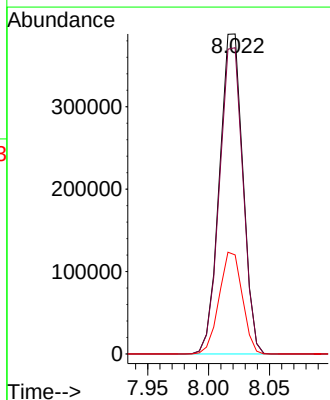
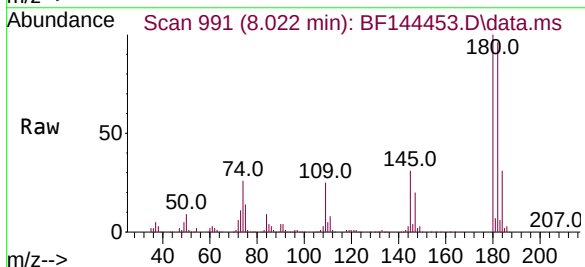
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

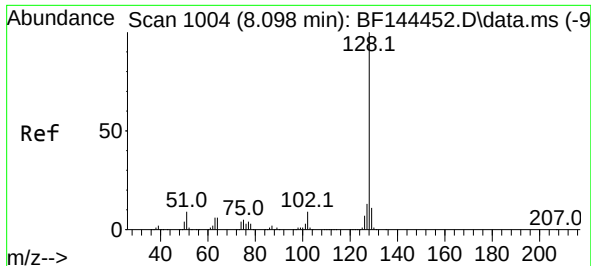
Tgt Ion:162 Resp: 488764  
Ion Ratio Lower Upper  
162 100  
164 63.4 44.2 84.2  
98 38.6 17.8 57.8



#30  
1,2,4-Trichlorobenzene  
Concen: 37.397 ng  
RT: 8.022 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:180 Resp: 520755  
Ion Ratio Lower Upper  
180 100  
182 95.7 75.2 112.8  
145 30.9 25.3 37.9

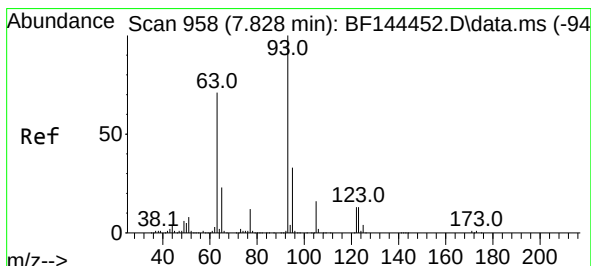
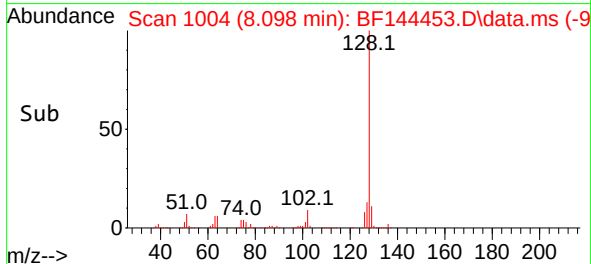
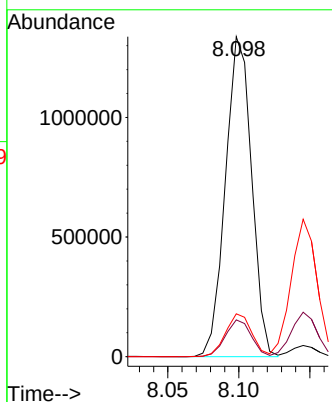
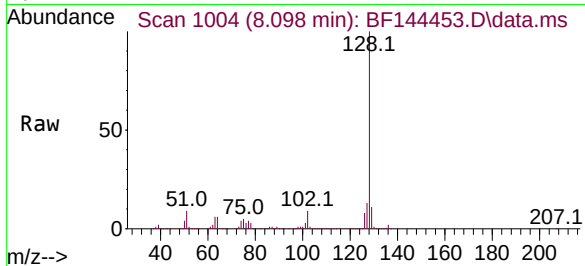




#31  
Naphthalene  
Concen: 35.437 ng  
RT: 8.098 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

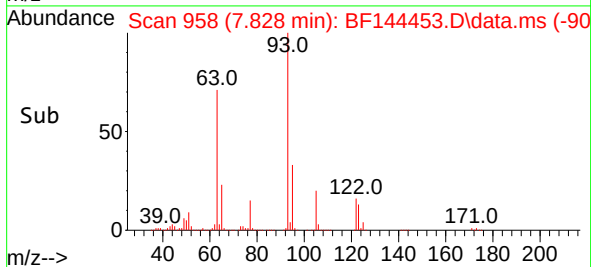
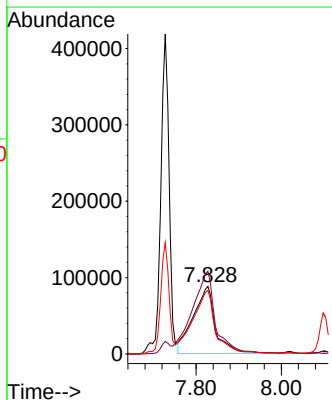
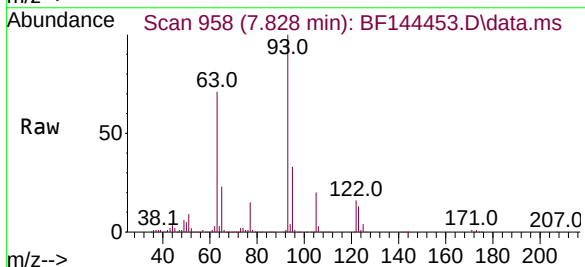
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

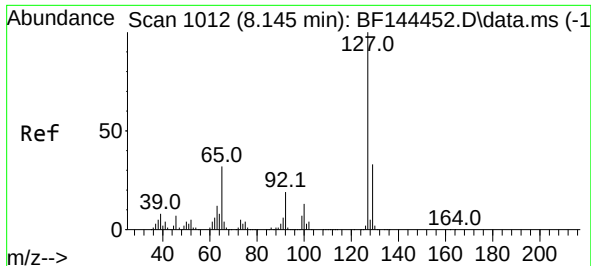
Tgt Ion:128 Resp: 1712530  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.1 13.7  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 36.643 ng  
RT: 7.828 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:122 Resp: 320610  
Ion Ratio Lower Upper  
122 100  
105 122.2 103.2 143.2  
77 94.3 75.1 115.1

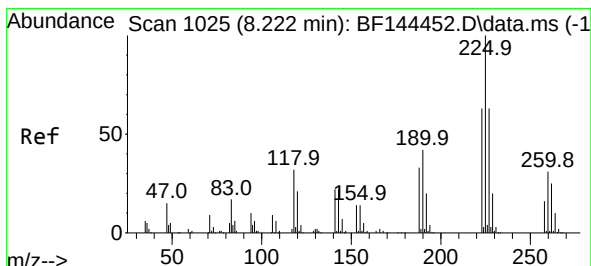
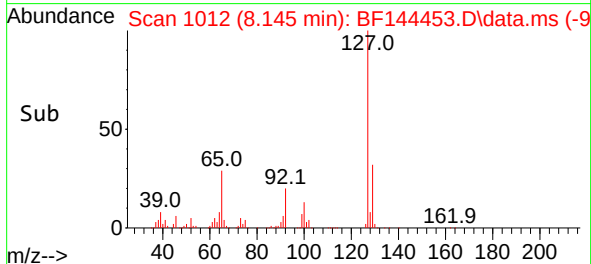
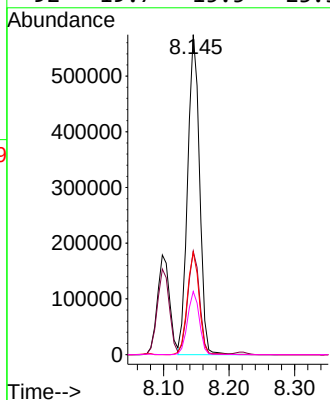
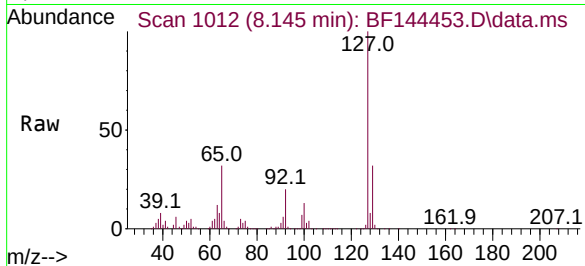




#33  
4-Chloroaniline  
Concen: 37.327 ng  
RT: 8.145 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

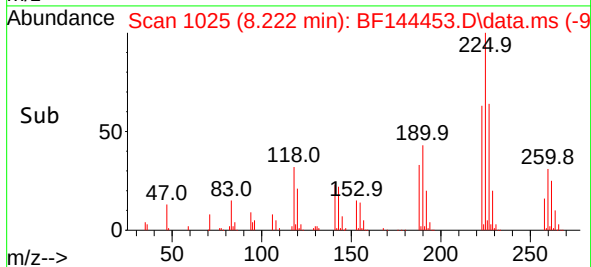
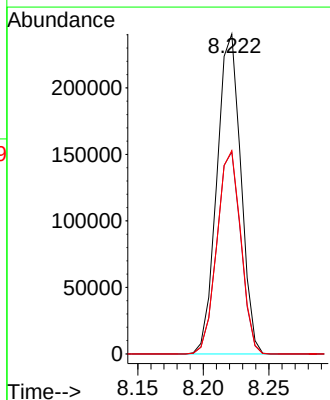
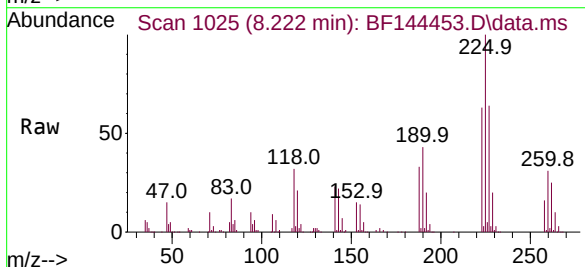
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

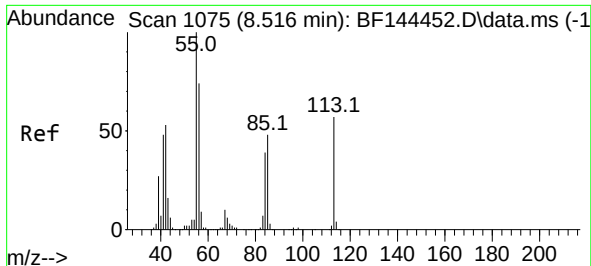
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 725082 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.2  | 39.4   |
| 65       | 32.0  | 25.8  | 38.8   |
| 92       | 19.7  | 15.5  | 23.3   |



#34  
Hexachlorobutadiene  
Concen: 35.523 ng  
RT: 8.222 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 305859 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.1  | 75.1   |
| 227      | 63.5  | 50.3  | 75.5   |

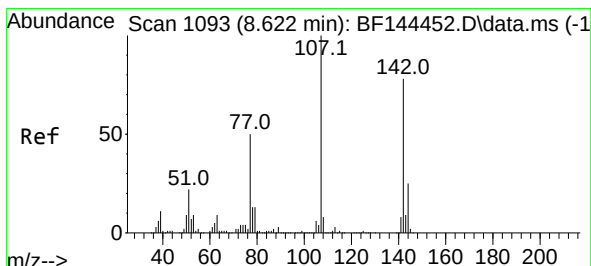
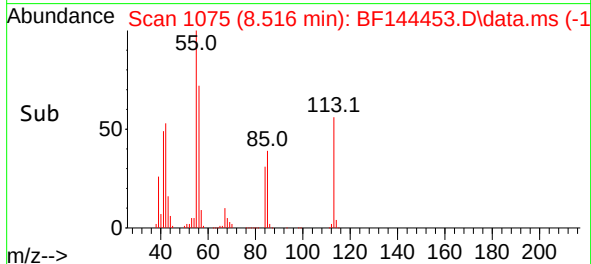
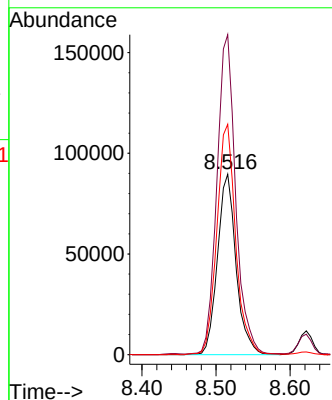
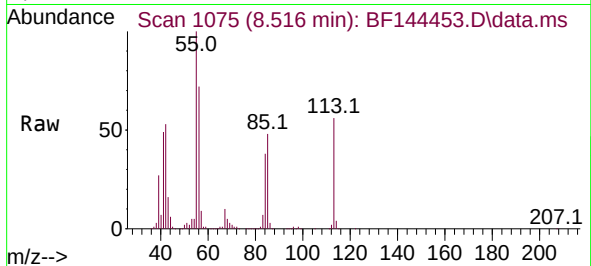




#35  
 Caprolactam  
 Concen: 36.782 ng  
 RT: 8.516 min Scan# 1075  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

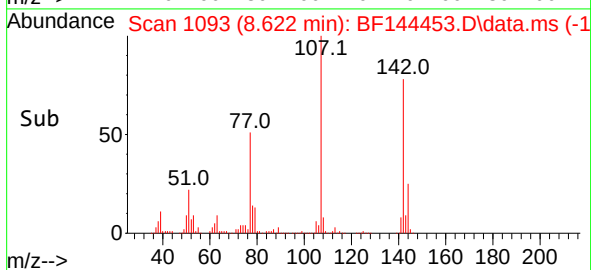
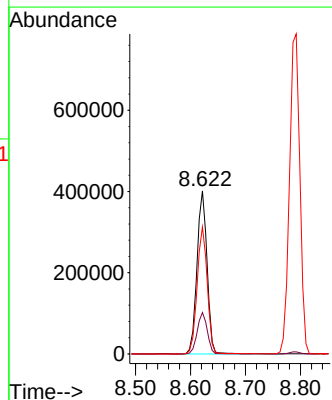
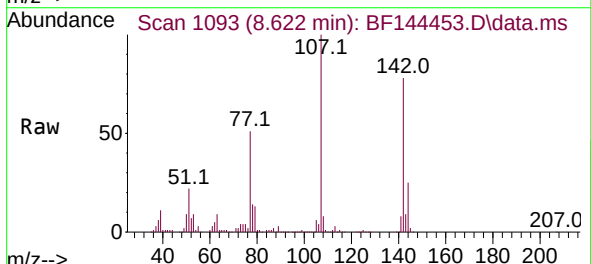
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF121225

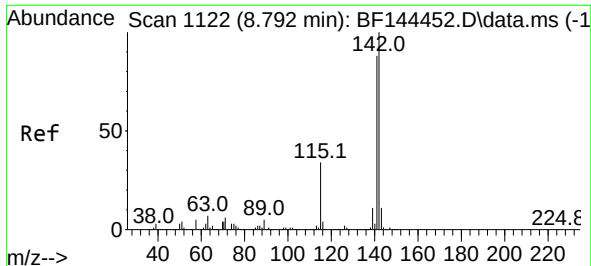
Tgt Ion:113 Resp: 155941  
 Ion Ratio Lower Upper  
 113 100  
 55 177.4 154.5 194.5  
 56 127.7 109.8 149.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.720 ng  
 RT: 8.622 min Scan# 1093  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

Tgt Ion:107 Resp: 511781  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.4 30.6  
 142 77.9 62.4 93.6





#37

2-Methylnaphthalene

Concen: 32.285 ng

RT: 8.792 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

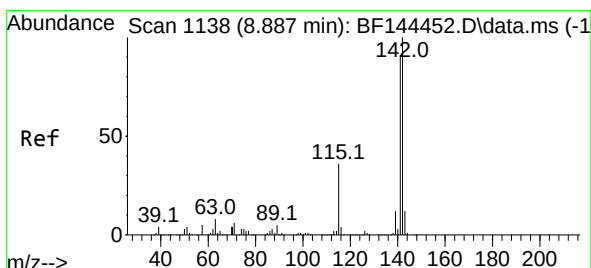
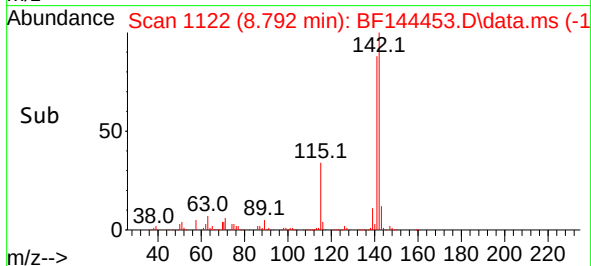
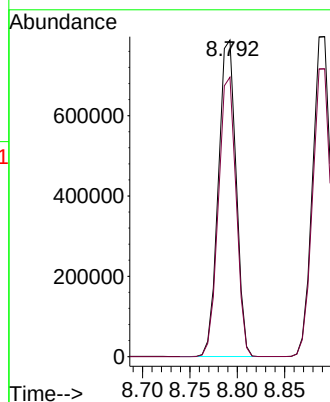
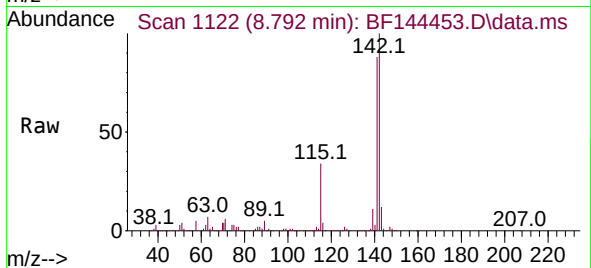
ICVBF121225

Tgt Ion:142 Resp: 1026523

Ion Ratio Lower Upper

142 100

141 88.3 70.0 105.0



#38

1-Methylnaphthalene

Concen: 34.114 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF144453.D

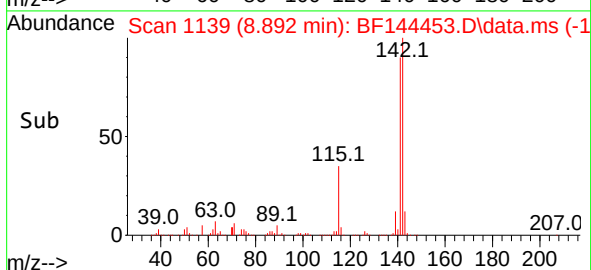
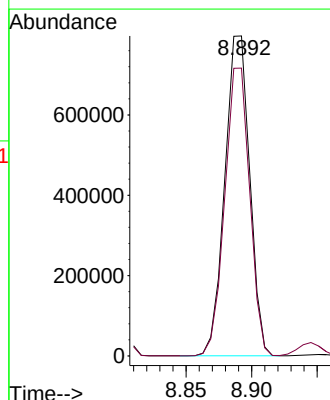
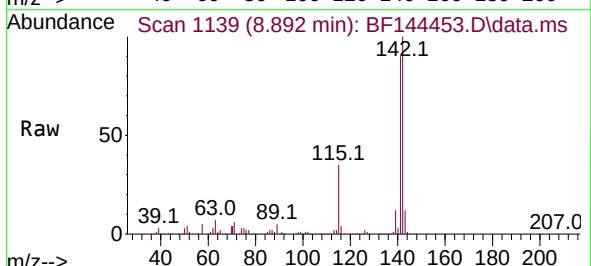
Acq: 12 Dec 2025 16:21

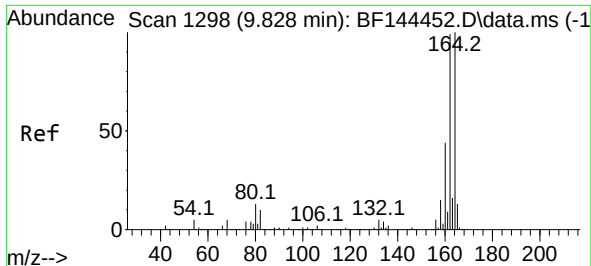
Tgt Ion:142 Resp: 1056202

Ion Ratio Lower Upper

142 100

141 89.9 72.6 109.0

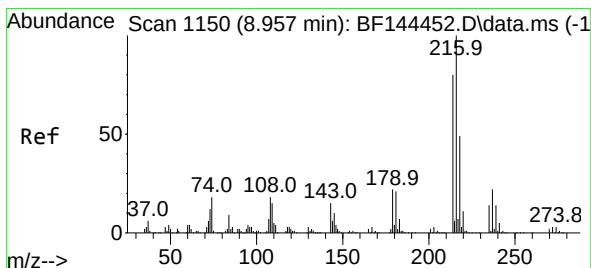
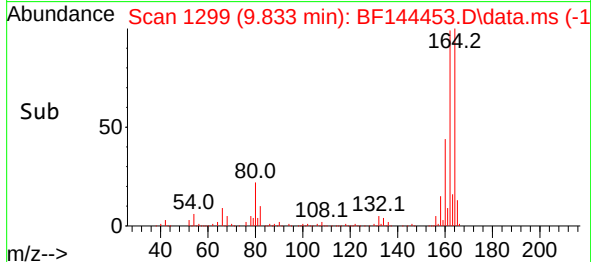
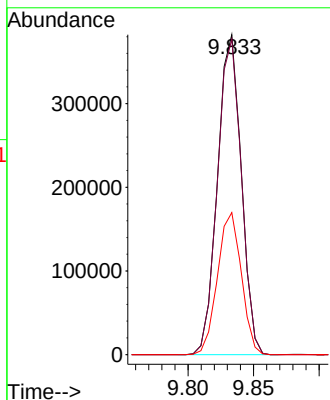
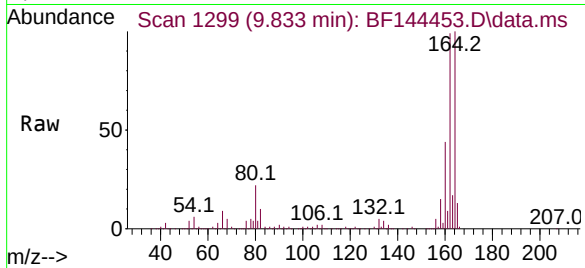




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

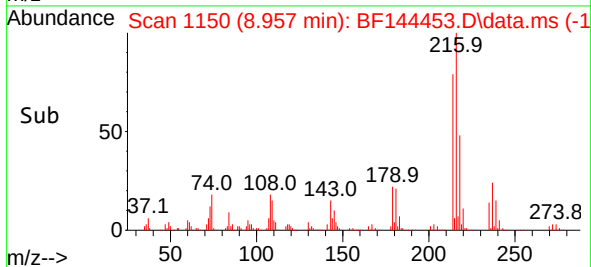
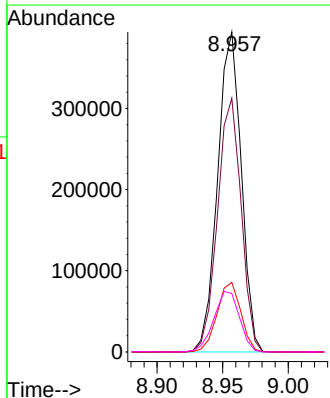
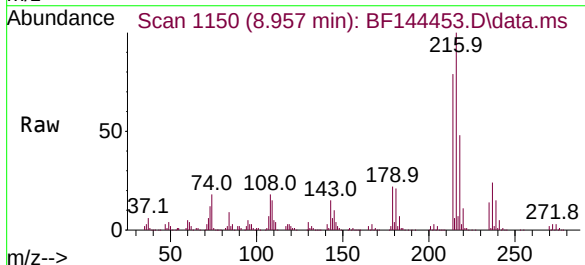
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

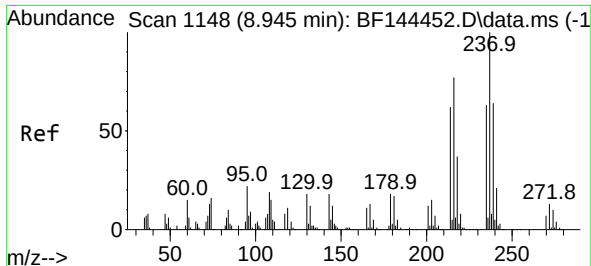
Tgt Ion:164 Resp: 482666  
Ion Ratio Lower Upper  
164 100  
162 98.6 79.2 118.8  
160 44.4 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.021 ng  
RT: 8.957 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:216 Resp: 494806  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.8 95.6  
179 21.9 17.7 26.5  
108 20.6 16.2 24.4

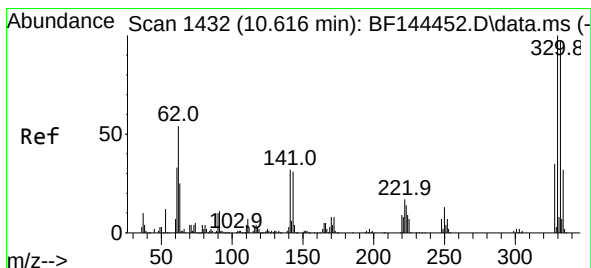
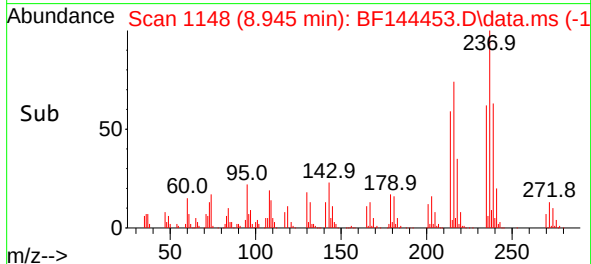
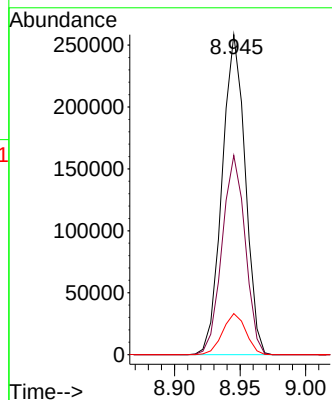
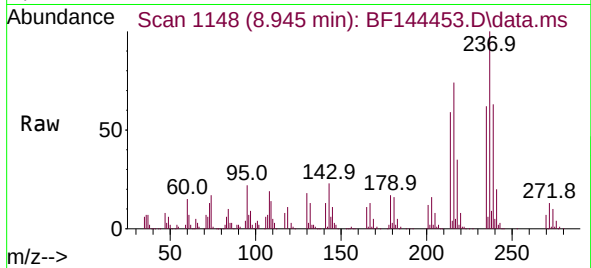




#41  
Hexachlorocyclopentadiene  
Concen: 39.081 ng  
RT: 8.945 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

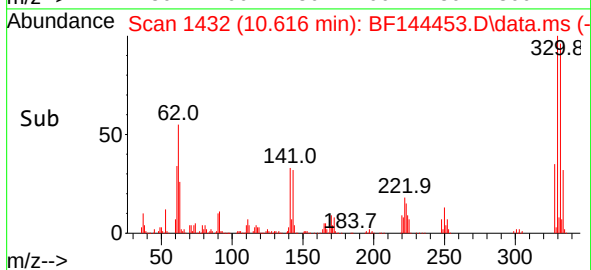
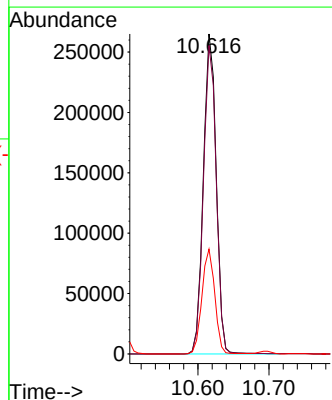
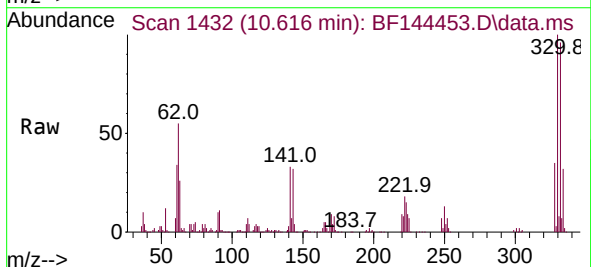
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:237 Resp: 317717  
Ion Ratio Lower Upper  
237 100  
235 62.2 43.2 83.2  
272 12.8 0.0 33.2

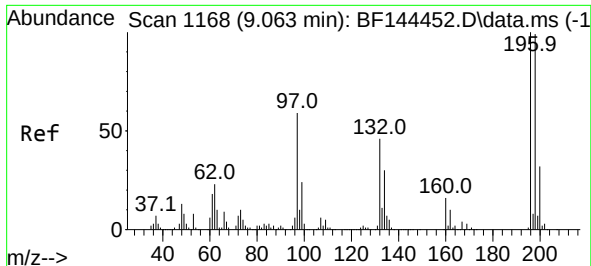


#42  
2,4,6-Tribromophenol  
Concen: 75.940 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:330 Resp: 331384  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.5 116.3  
141 32.7 26.2 39.2

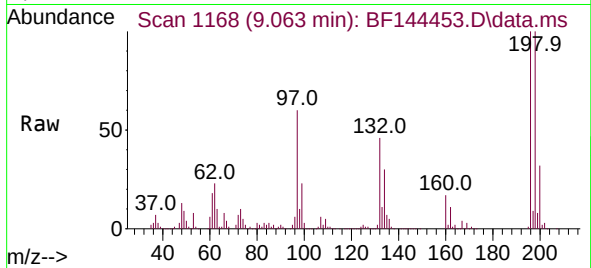




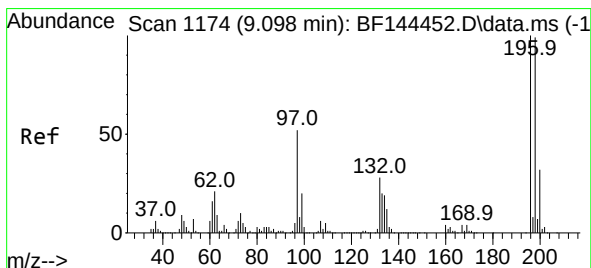
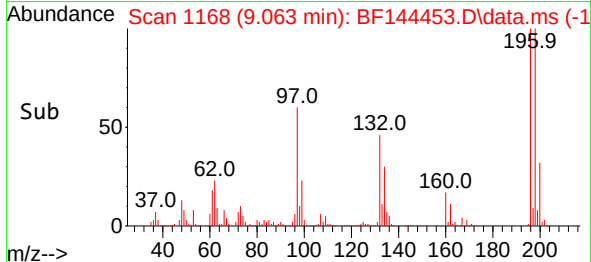
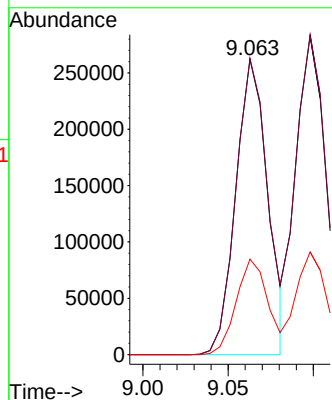


#43  
2,4,6-Trichlorophenol  
Concen: 39.064 ng  
RT: 9.063 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

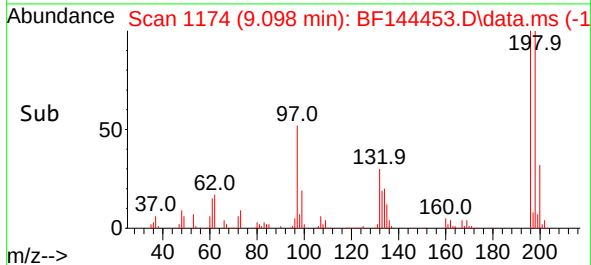
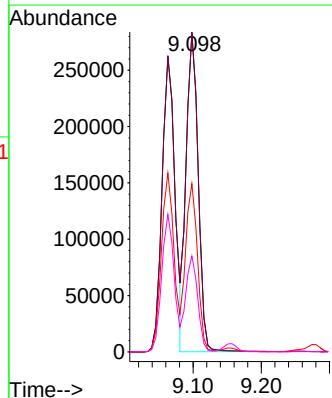
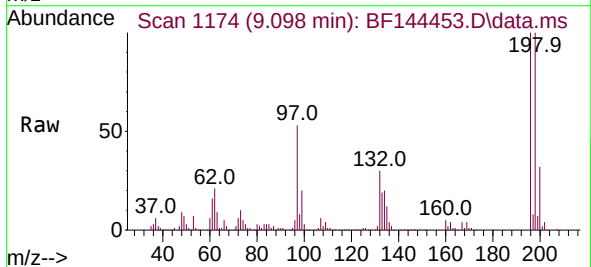


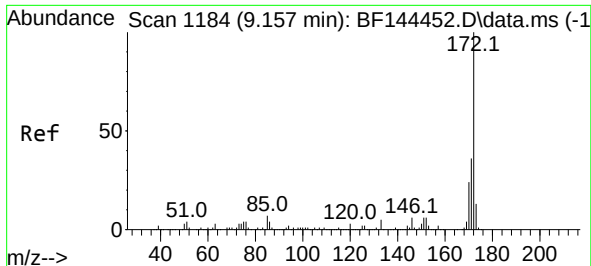
Tgt Ion:196 Resp: 340763  
Ion Ratio Lower Upper  
196 100  
198 100.4 79.0 118.4  
200 32.3 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 38.181 ng  
RT: 9.098 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:196 Resp: 349575  
Ion Ratio Lower Upper  
196 100  
198 100.5 79.5 119.3  
97 52.8 42.2 63.2  
132 30.1 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 66.251 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

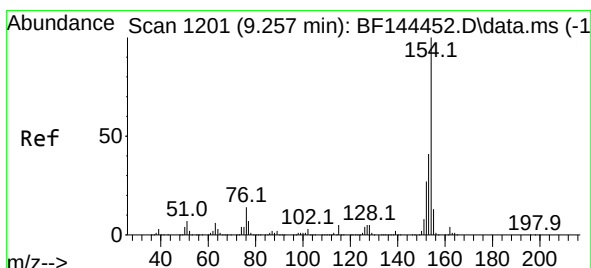
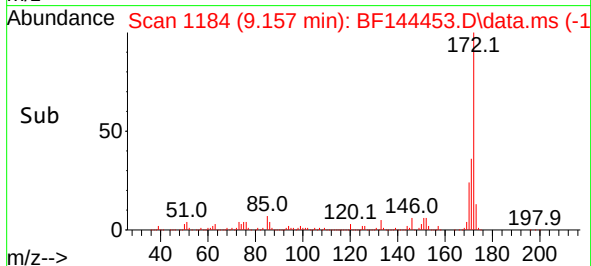
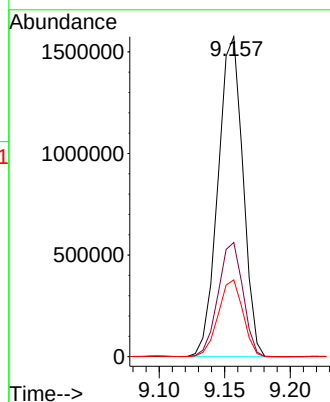
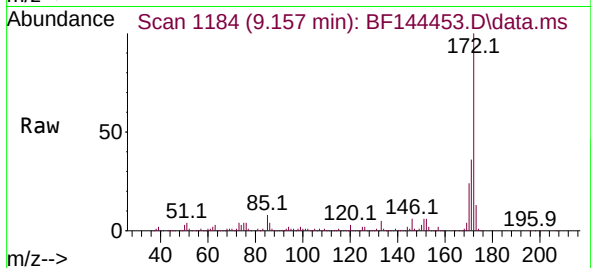
Tgt Ion:172 Resp: 2084441

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.0 19.3 28.9



#46

1,1'-Biphenyl

Concen: 35.347 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

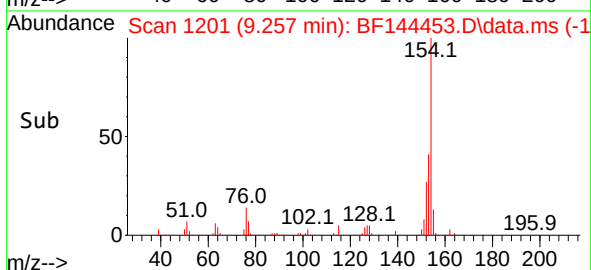
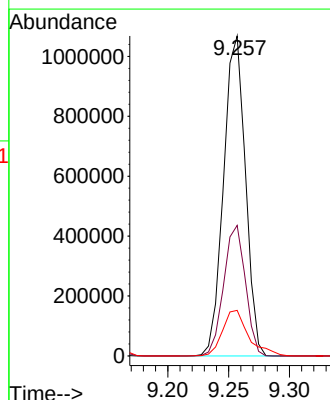
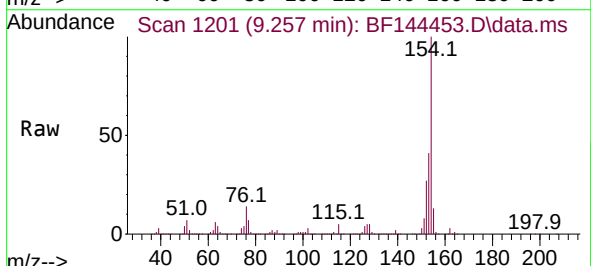
Tgt Ion:154 Resp: 1333299

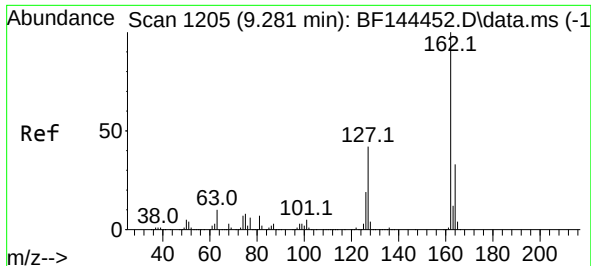
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 14.2 0.0 33.8

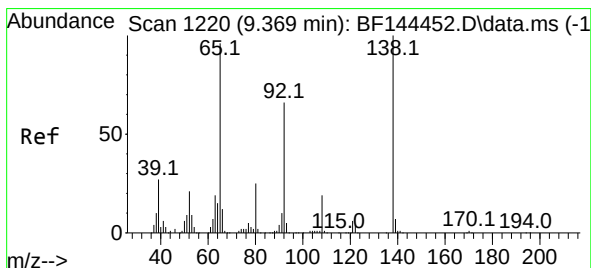
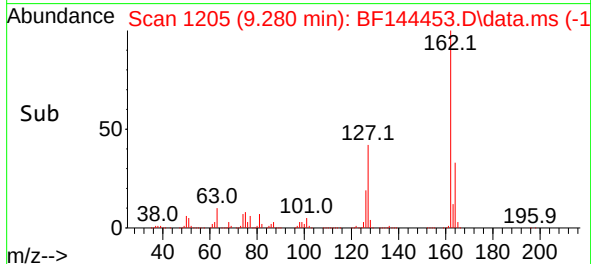
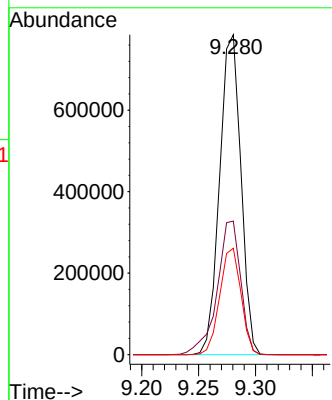
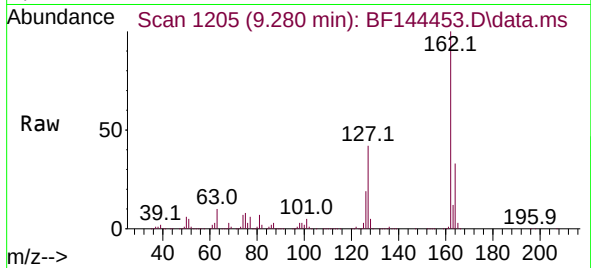




#47  
2-Chloronaphthalene  
Concen: 35.522 ng  
RT: 9.280 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

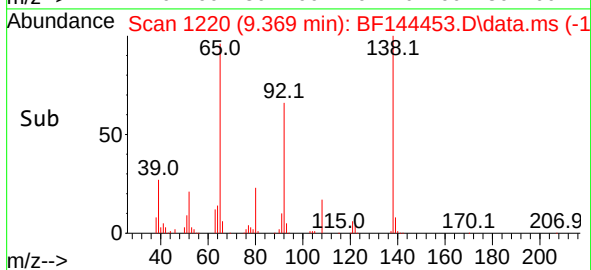
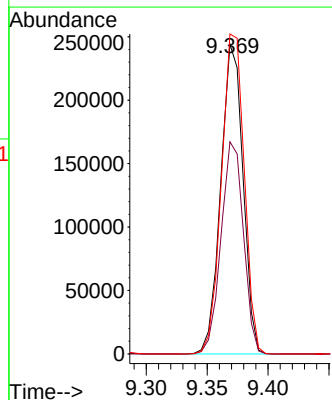
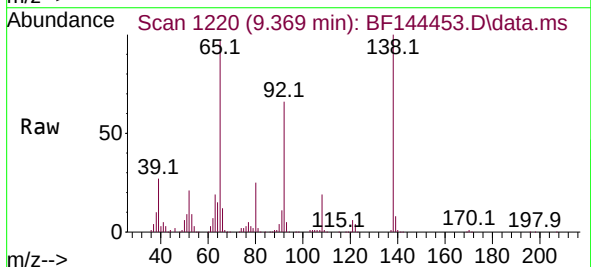
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

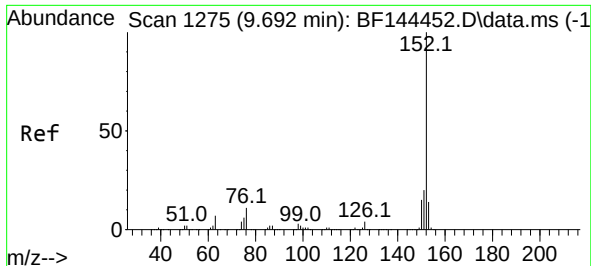
Tgt Ion:162 Resp: 1022865  
Ion Ratio Lower Upper  
162 100  
127 41.7 33.6 50.4  
164 33.2 26.6 39.8



#48  
2-Nitroaniline  
Concen: 38.330 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion: 65 Resp: 310041  
Ion Ratio Lower Upper  
65 100  
92 68.5 55.0 82.4  
138 103.3 83.4 125.2

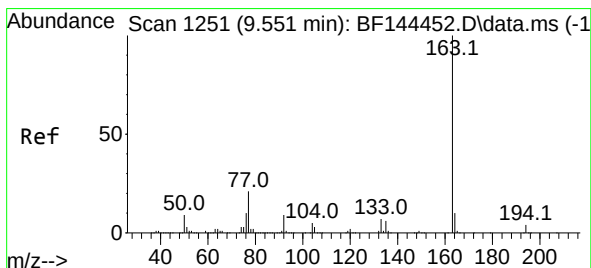
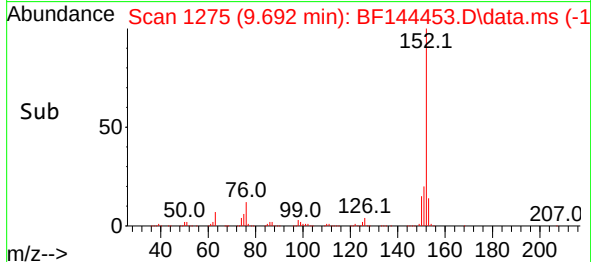
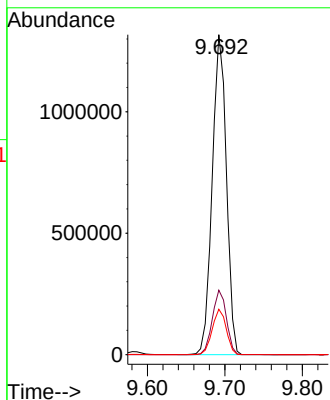
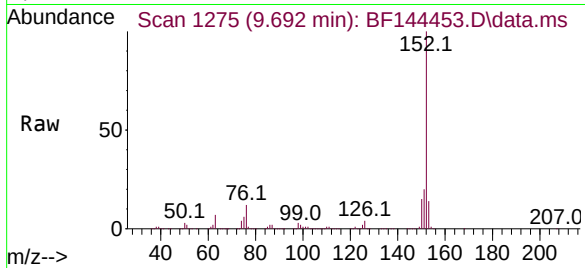




#49  
Acenaphthylene  
Concen: 36.613 ng  
RT: 9.692 min Scan# 1275  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

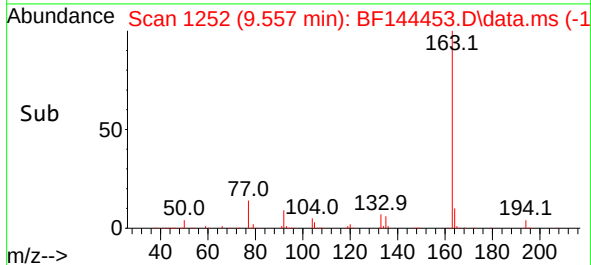
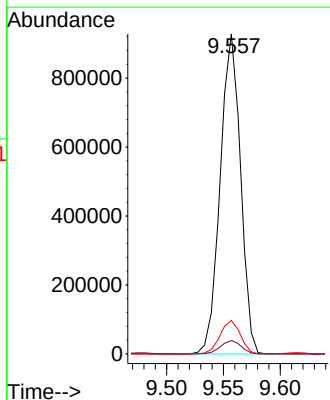
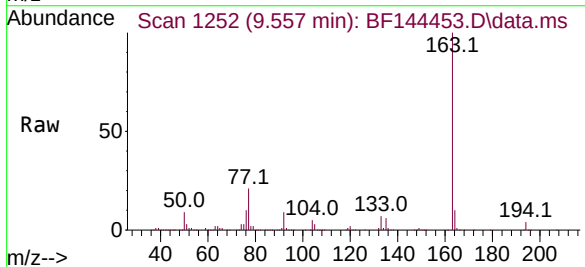
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

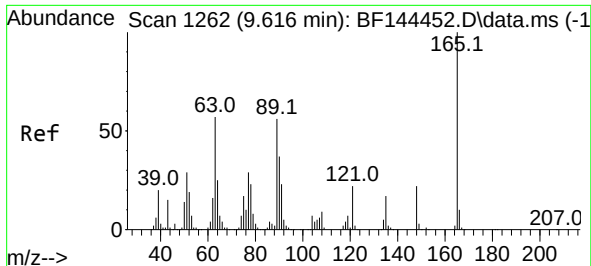
Tgt Ion:152 Resp: 1670375  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 14.2 11.4 17.0



#50  
Dimethylphthalate  
Concen: 35.417 ng  
RT: 9.557 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:163 Resp: 1154706  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.4 8.3 12.5

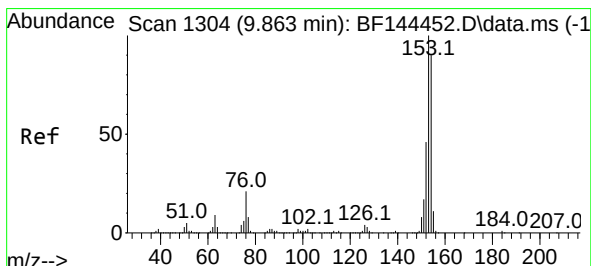
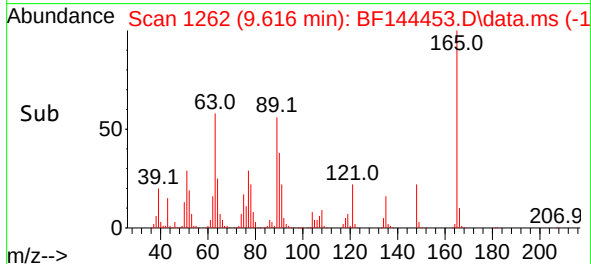
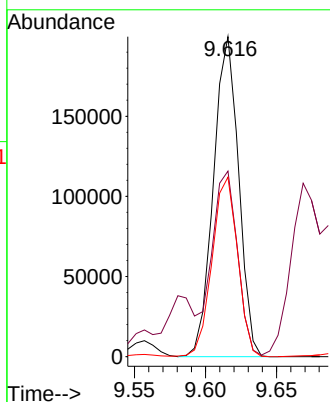
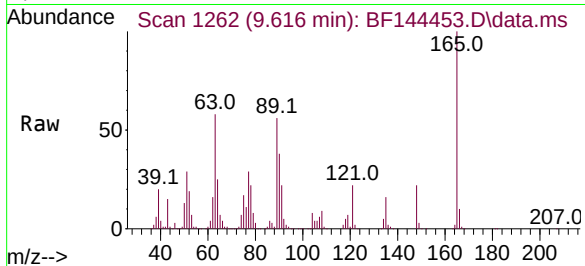




#51  
2,6-Dinitrotoluene  
Concen: 41.804 ng  
RT: 9.616 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

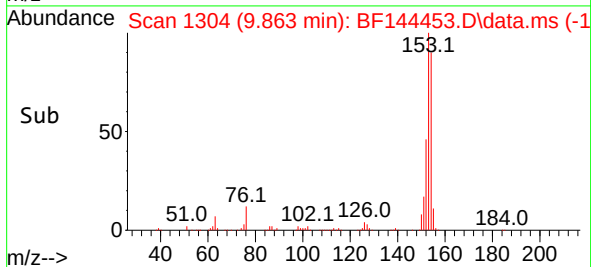
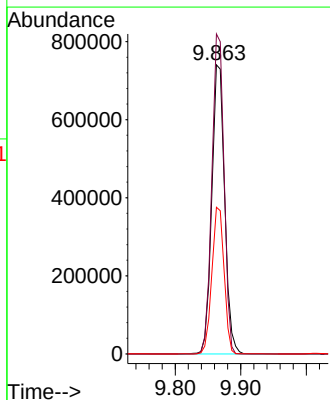
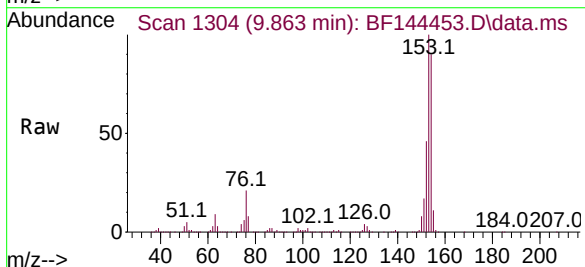
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

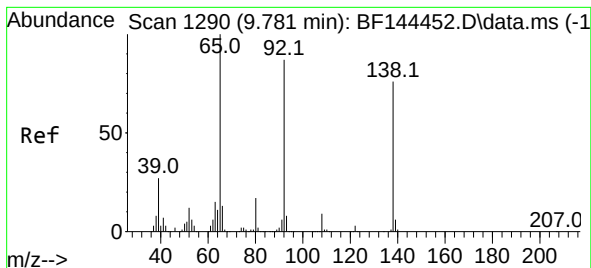
Tgt Ion:165 Resp: 246481  
Ion Ratio Lower Upper  
165 100  
63 58.0 45.9 68.9  
89 56.1 44.6 67.0



#52  
Acenaphthene  
Concen: 35.491 ng  
RT: 9.863 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:154 Resp: 1009565  
Ion Ratio Lower Upper  
154 100  
153 110.7 88.6 132.8  
152 50.7 40.6 61.0





#53

3-Nitroaniline

Concen: 39.552 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.001 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

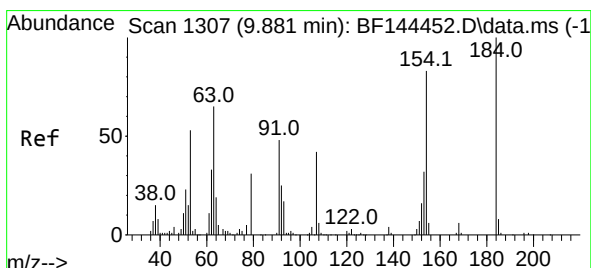
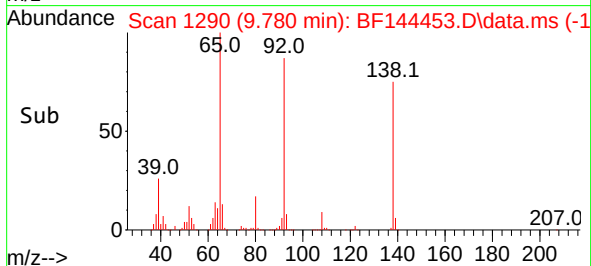
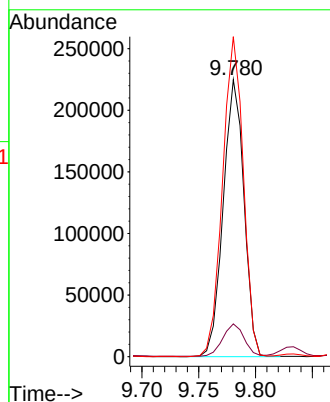
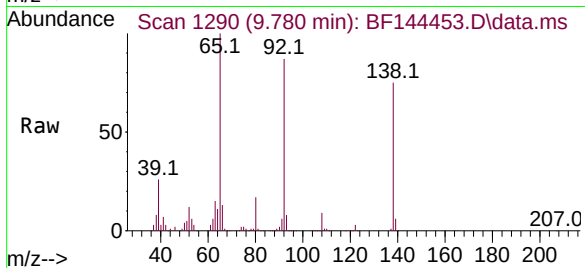
Tgt Ion:138 Resp: 284941

Ion Ratio Lower Upper

138 100

108 11.8 9.7 14.5

92 115.6 91.5 137.3



#54

2,4-Dinitrophenol

Concen: 39.519 ng

RT: 9.880 min Scan# 1307

Delta R.T. -0.001 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

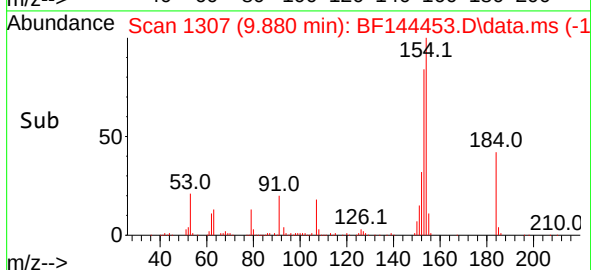
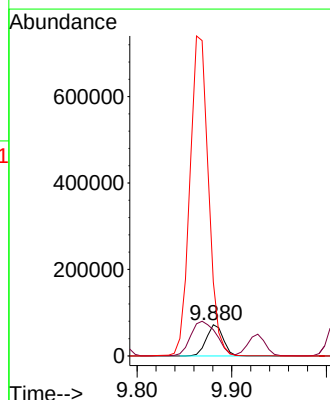
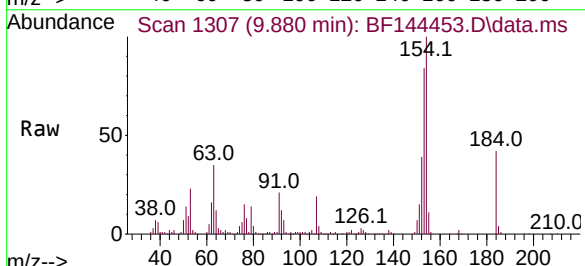
Tgt Ion:184 Resp: 88929

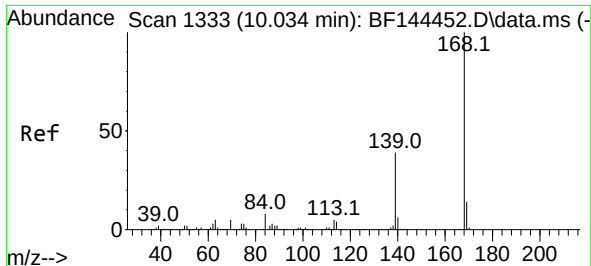
Ion Ratio Lower Upper

184 100

63 84.0 60.6 91.0

154 236.6 137.8 206.8#

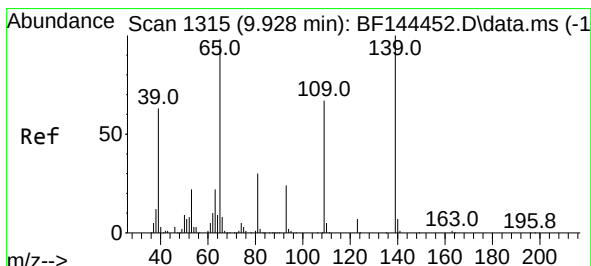
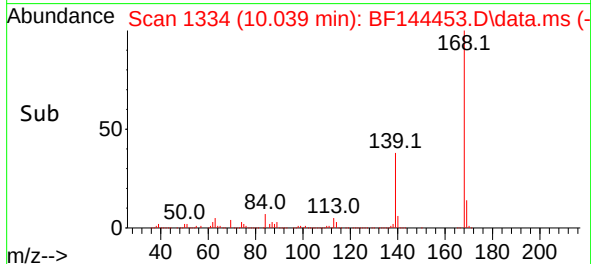
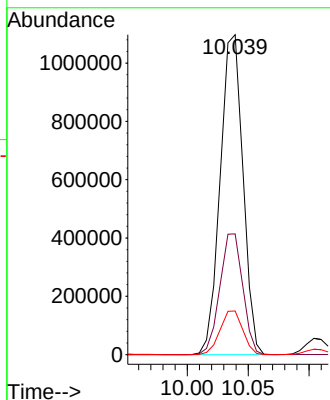
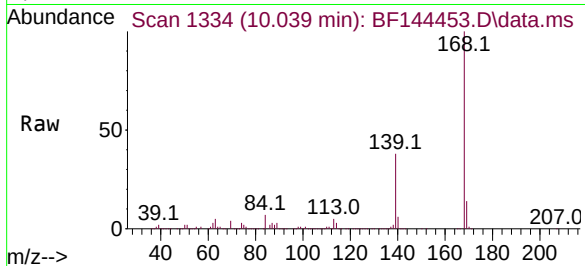




#55  
Dibenzenofuran  
Concen: 35.332 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

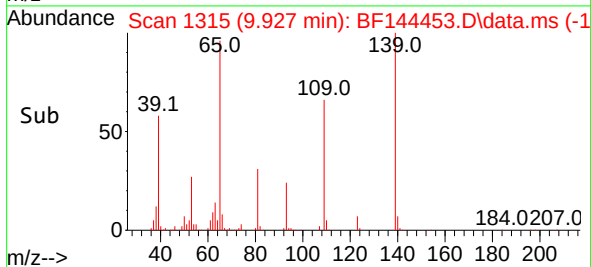
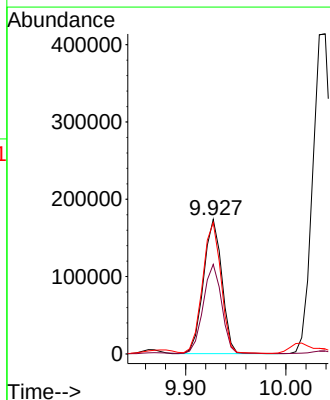
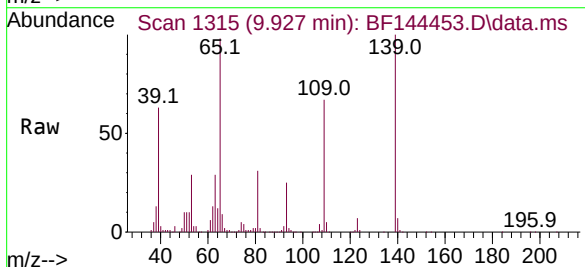
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

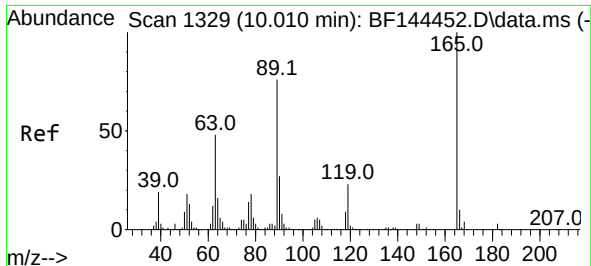
Tgt Ion:168 Resp: 1430002  
Ion Ratio Lower Upper  
168 100  
139 37.7 31.0 46.6  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 39.810 ng  
RT: 9.927 min Scan# 1315  
Delta R.T. -0.001 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:139 Resp: 221030  
Ion Ratio Lower Upper  
139 100  
109 66.6 47.4 87.4  
65 97.7 78.4 118.4



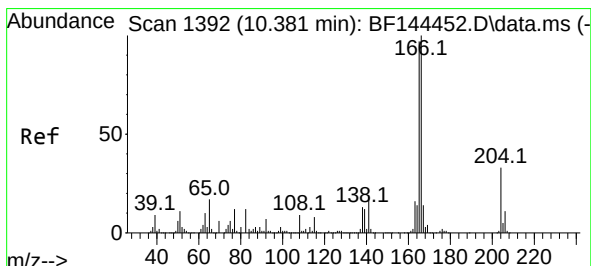
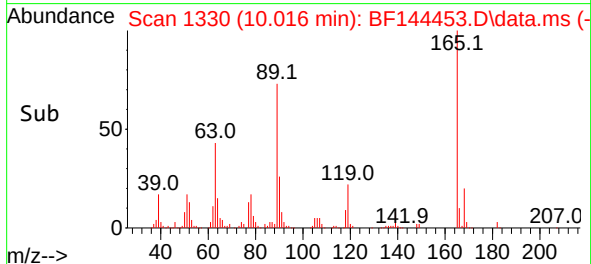
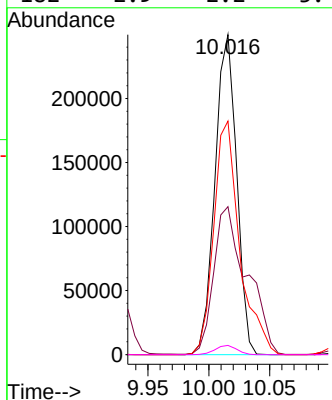
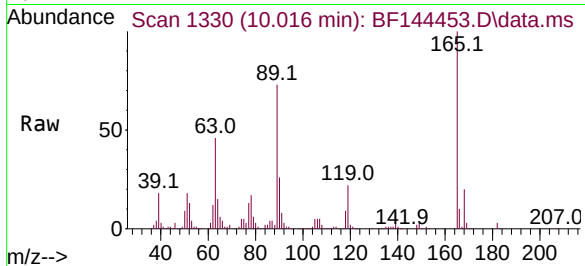


#57  
2,4-Dinitrotoluene  
Concen: 38.730 ng  
RT: 10.016 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:165 Resp: 309399

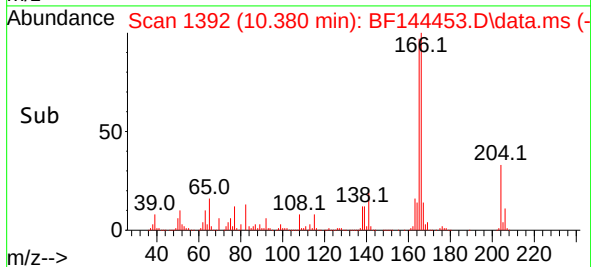
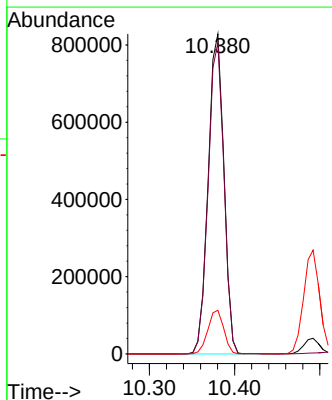
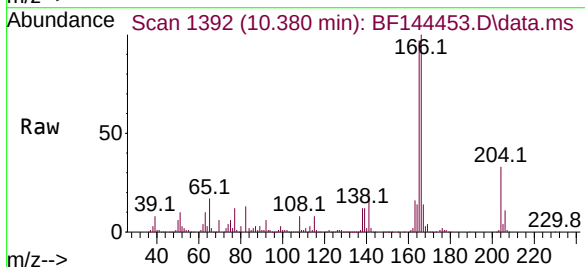
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 46.2  | 38.2  | 57.4  |
| 89  | 73.0  | 61.2  | 91.8  |
| 182 | 2.9   | 2.2   | 3.4   |



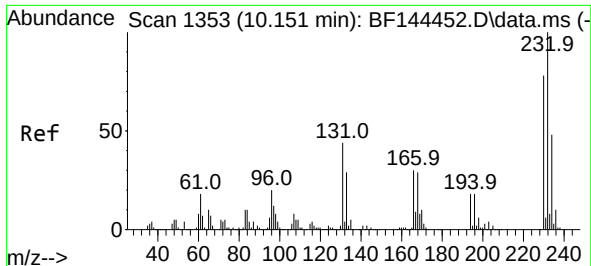
#58  
Fluorene  
Concen: 34.672 ng  
RT: 10.380 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:166 Resp: 1062616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 97.3  | 77.6  | 116.4 |
| 167 | 13.6  | 10.8  | 16.2  |



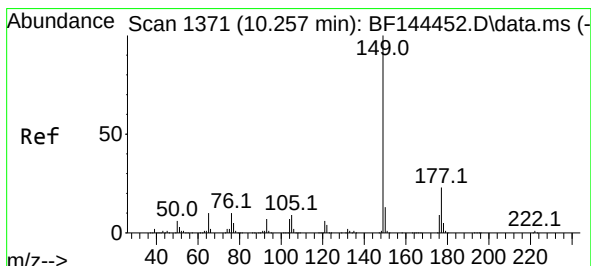
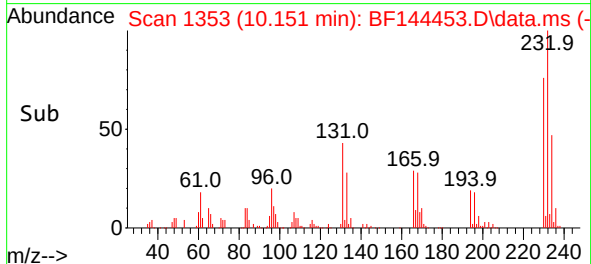
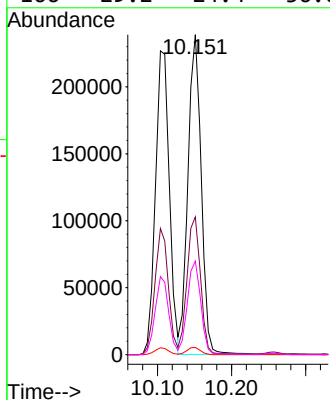
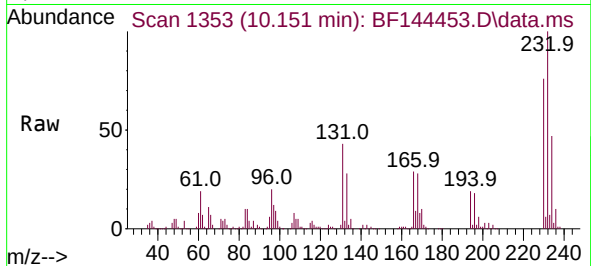




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.744 ng  
RT: 10.151 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

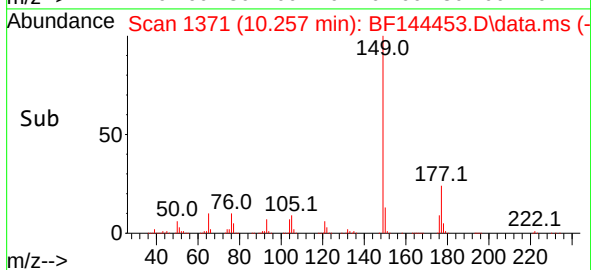
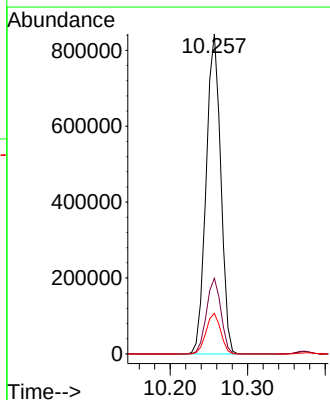
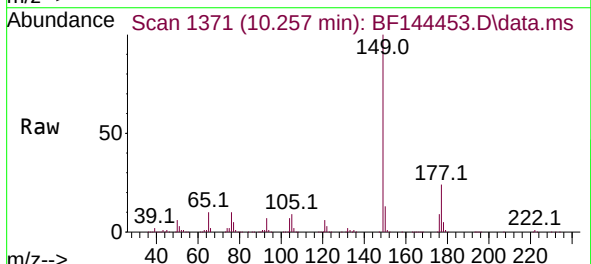
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

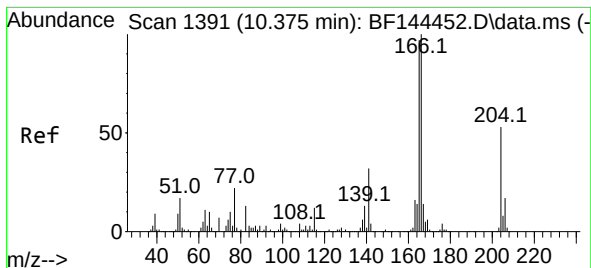
Tgt Ion:232 Resp: 297073  
Ion Ratio Lower Upper  
232 100  
131 43.6 36.3 54.5  
130 2.3 1.8 2.6  
166 29.2 24.4 36.6



#60  
Diethylphthalate  
Concen: 35.644 ng  
RT: 10.257 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:149 Resp: 1101383  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.7 28.1  
150 12.7 10.1 15.1

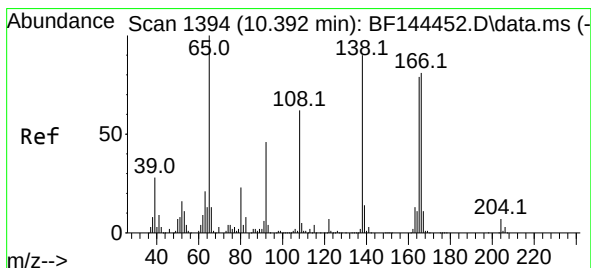
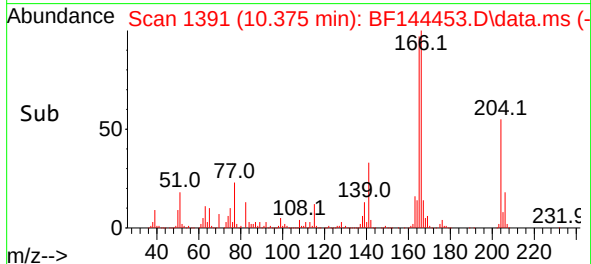
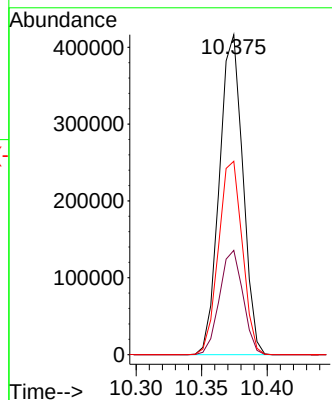
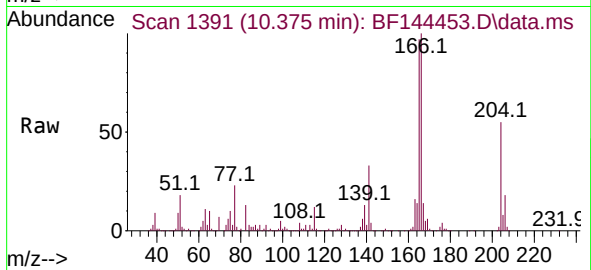




#61  
4-Chlorophenyl-phenylether  
Concen: 34.446 ng  
RT: 10.375 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

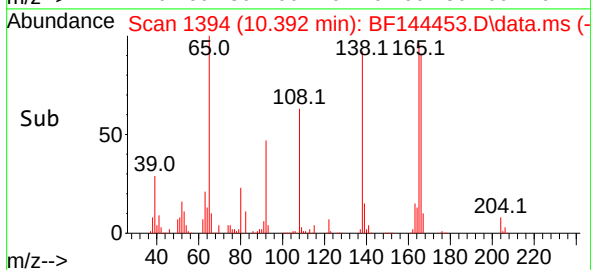
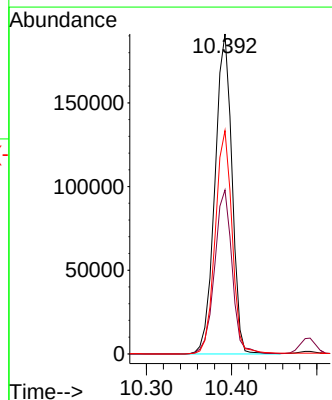
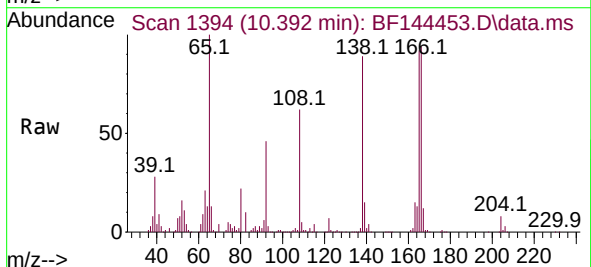
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

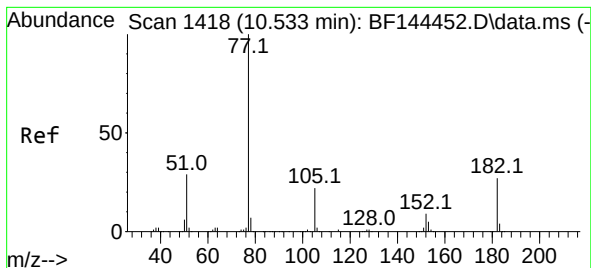
Tgt Ion:204 Resp: 517958  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.3 39.5  
141 60.4 48.4 72.6



#62  
4-Nitroaniline  
Concen: 37.440 ng  
RT: 10.392 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:138 Resp: 265661  
Ion Ratio Lower Upper  
138 100  
92 51.2 30.8 70.8  
108 69.8 49.2 89.2





#63

Azobenzene

Concen: 35.746 ng

RT: 10.533 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

Tgt Ion: 77 Resp: 1167345

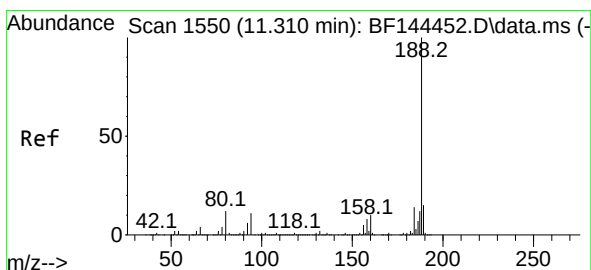
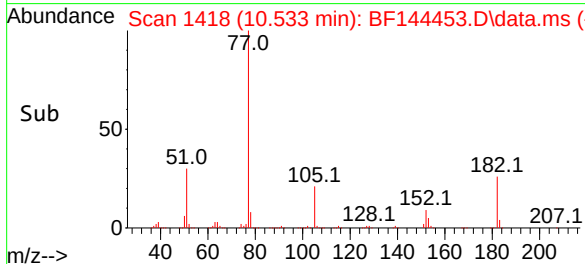
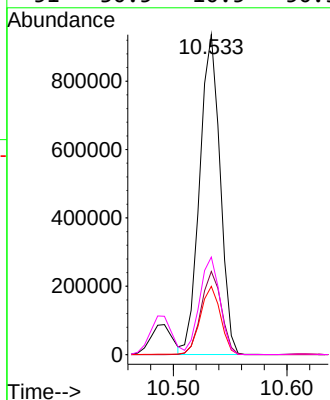
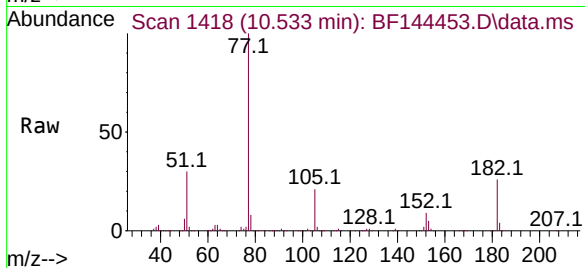
Ion Ratio Lower Upper

77 100

182 26.0 6.1 46.1

105 21.3 1.5 41.5

51 30.5 10.5 50.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

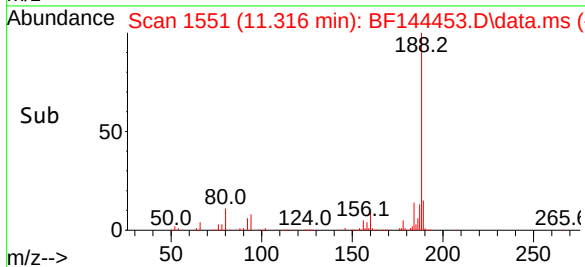
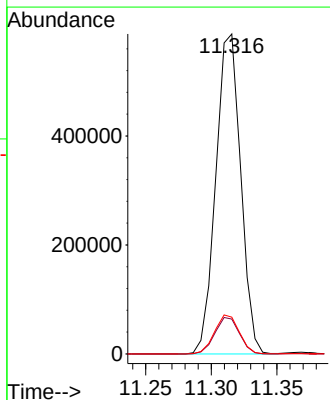
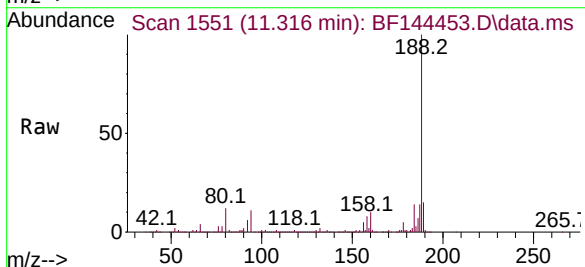
Tgt Ion:188 Resp: 777264

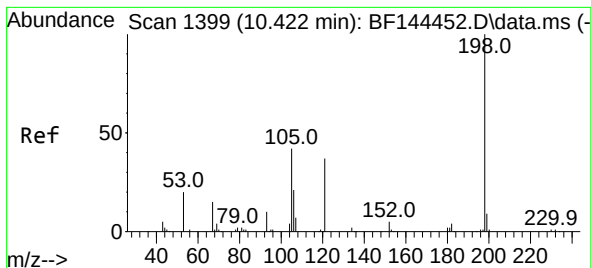
Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.5 9.8 14.8

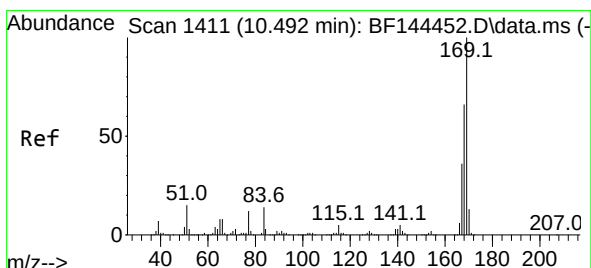
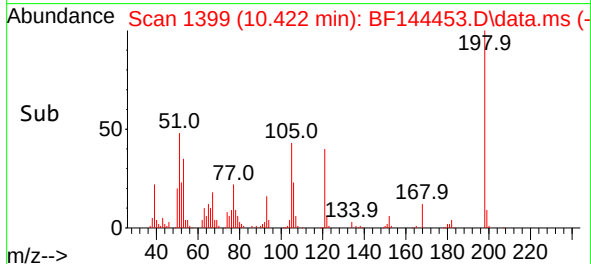
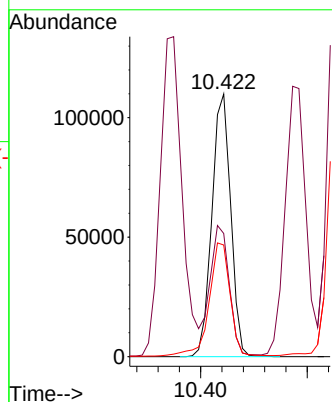
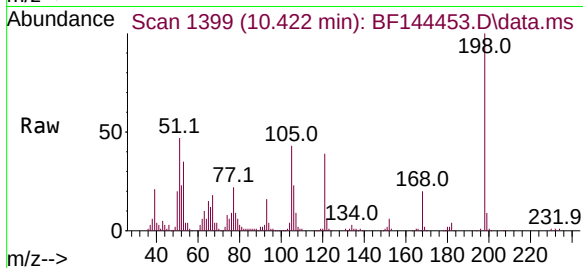




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.176 ng  
RT: 10.422 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

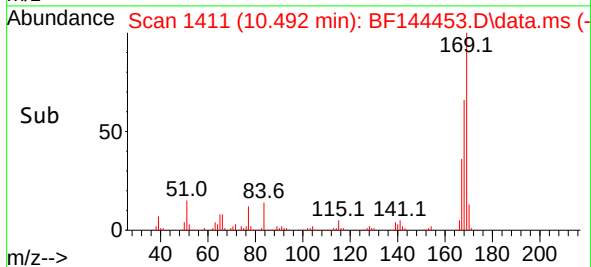
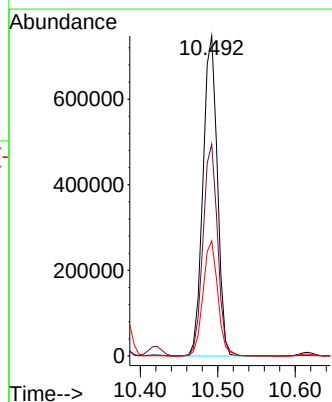
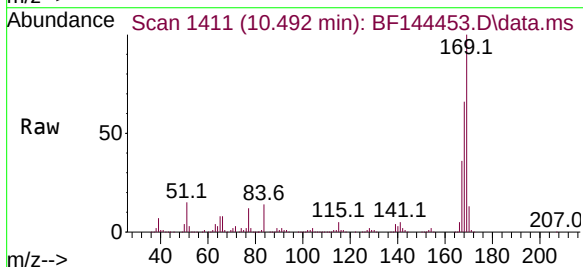
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

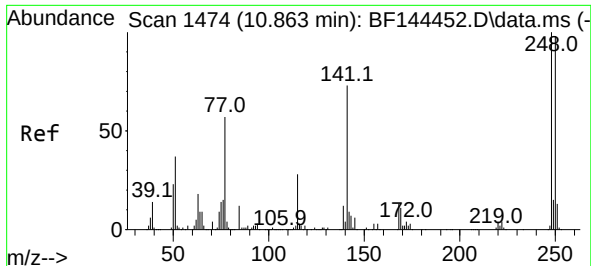
Tgt Ion:198 Resp: 134819  
Ion Ratio Lower Upper  
198 100  
51 46.9 25.5 65.5  
105 42.5 23.4 63.4



#66  
n-Nitrosodiphenylamine  
Concen: 35.977 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:169 Resp: 958294  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.6 79.0  
167 35.9 28.8 43.2

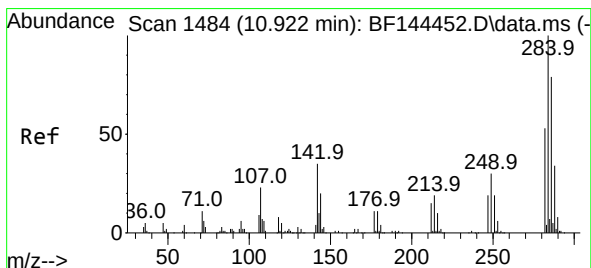
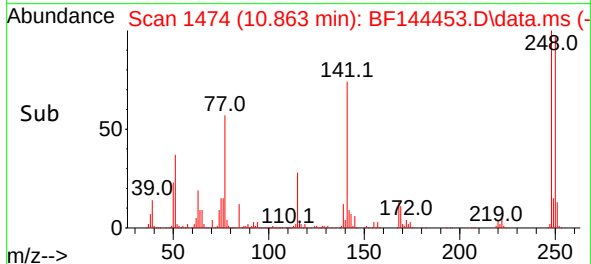
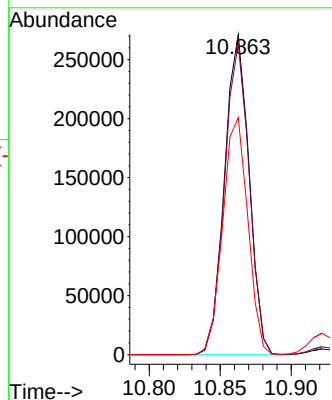
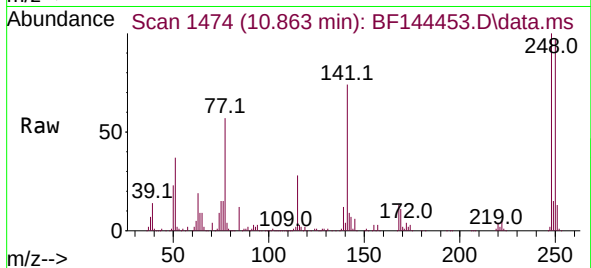




#67  
4-Bromophenyl-phenylether  
Concen: 36.000 ng  
RT: 10.863 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

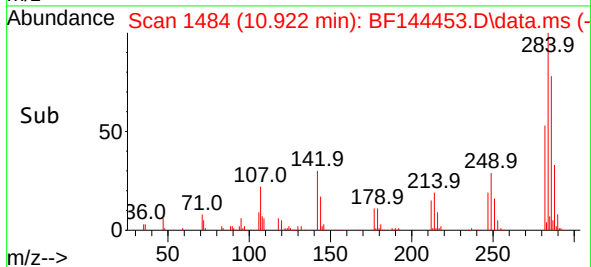
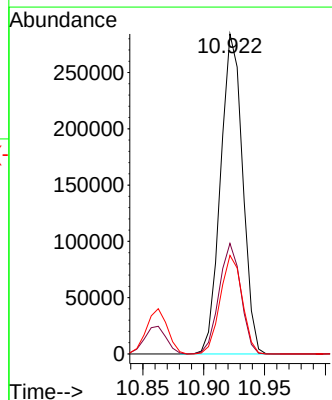
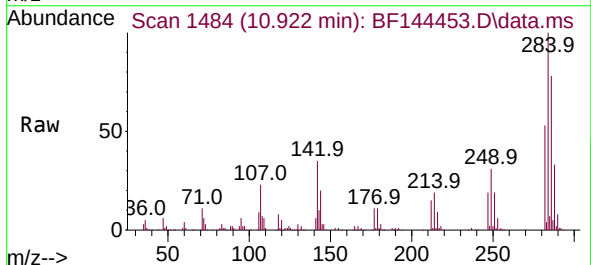
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

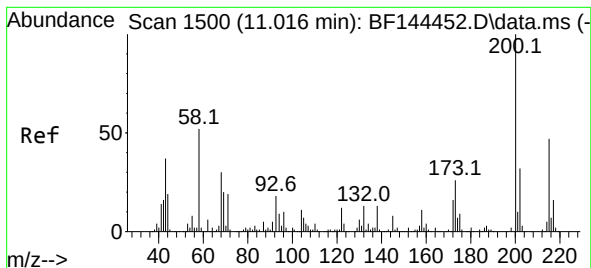
Tgt Ion:248 Resp: 326663  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.2 117.4  
141 74.0 58.5 87.7



#68  
Hexachlorobenzene  
Concen: 35.774 ng  
RT: 10.922 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:284 Resp: 358339  
Ion Ratio Lower Upper  
284 100  
142 34.5 28.2 42.2  
249 30.8 24.7 37.1





#69

Atrazine

Concen: 37.148 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

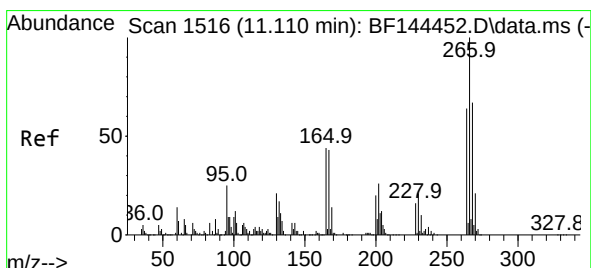
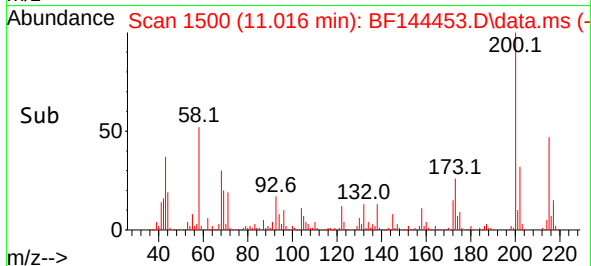
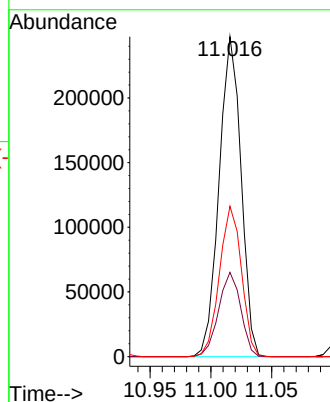
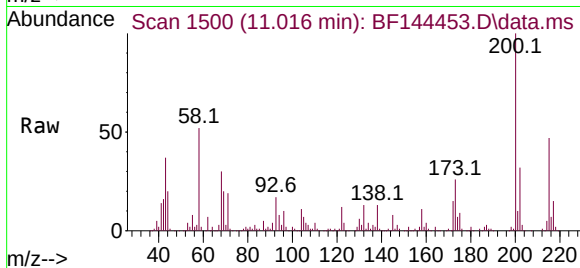
Tgt Ion:200 Resp: 309934

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 47.0 27.2 67.2



#70

Pentachlorophenol

Concen: 38.215 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

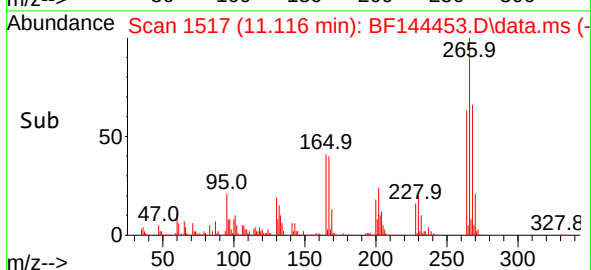
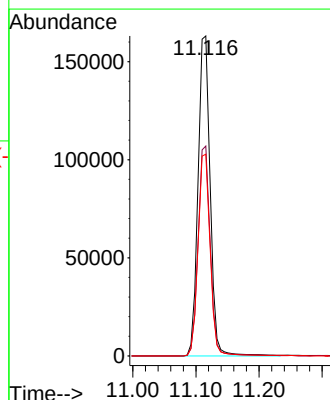
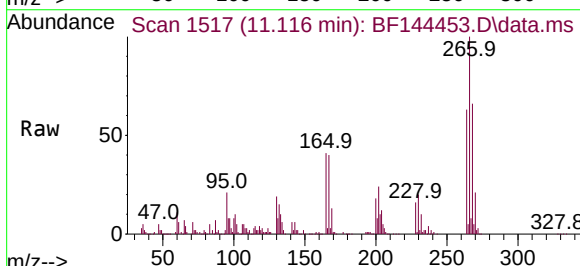
Tgt Ion:266 Resp: 218340

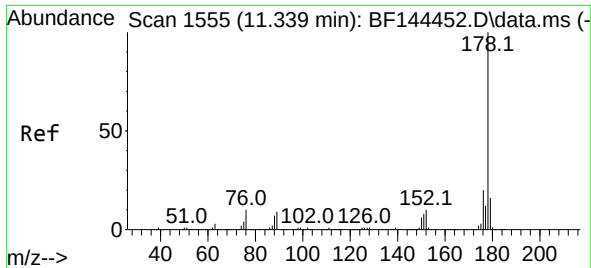
Ion Ratio Lower Upper

266 100

268 65.6 53.8 80.8

264 63.0 51.2 76.8

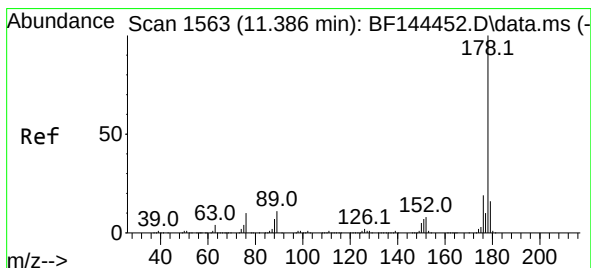
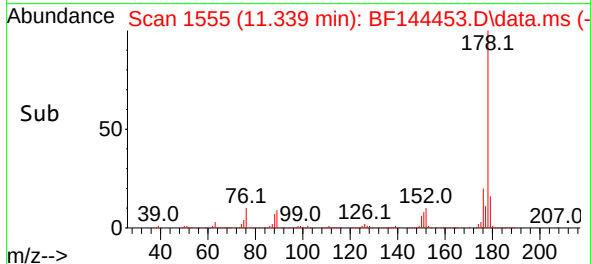
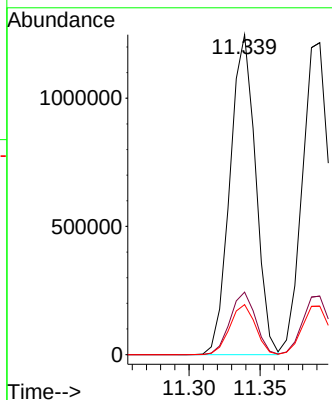
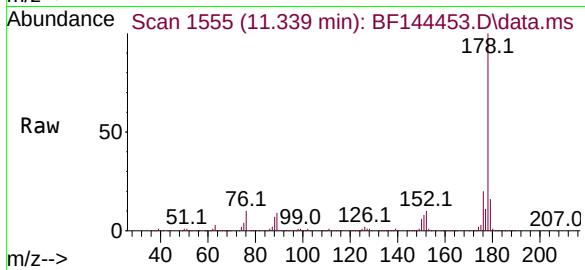




#71  
Phenanthrene  
Concen: 34.855 ng  
RT: 11.339 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

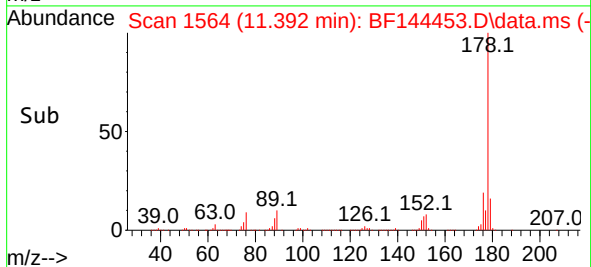
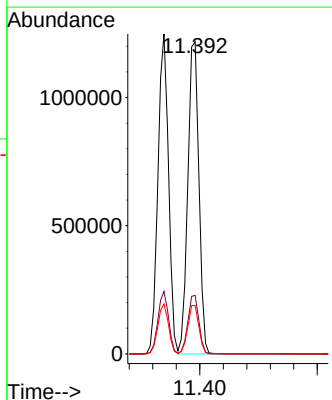
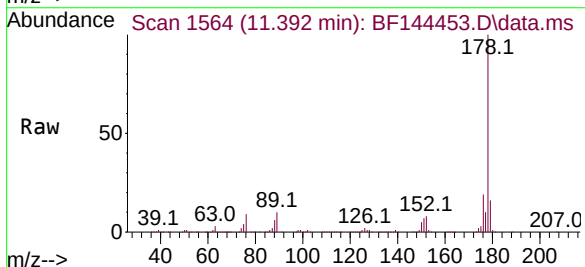
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

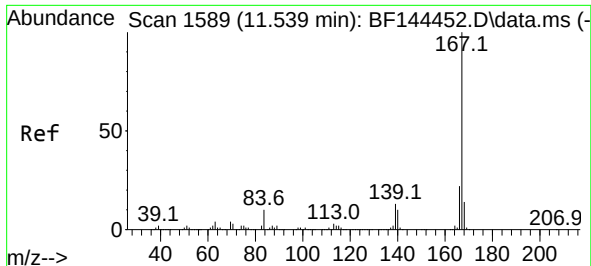
Tgt Ion:178 Resp: 1561820  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 35.207 ng  
RT: 11.392 min Scan# 1564  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:178 Resp: 1596751  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.2 22.8  
179 15.5 12.7 19.1

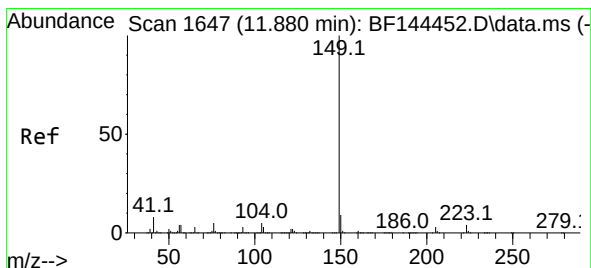
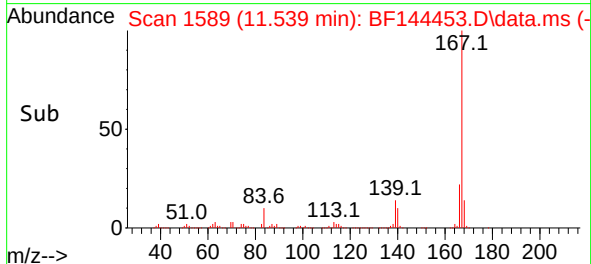
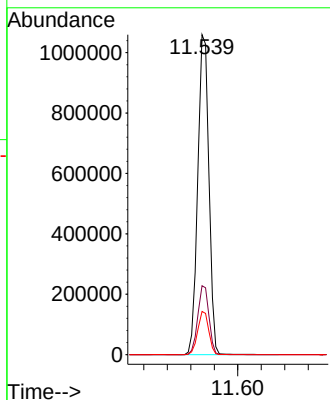
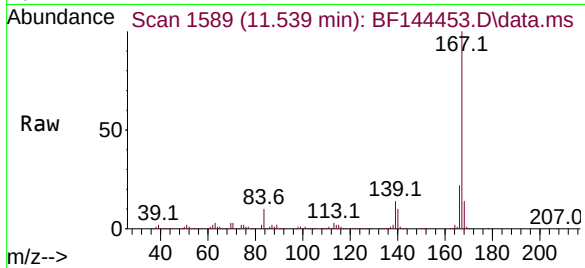




#73  
 Carbazole  
 Concen: 35.344 ng  
 RT: 11.539 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

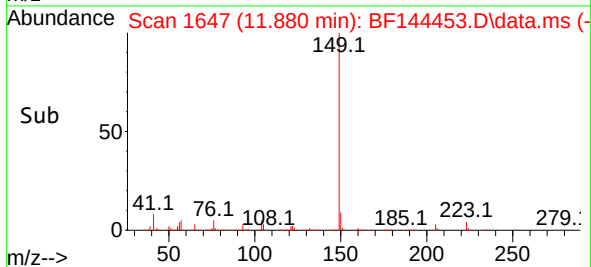
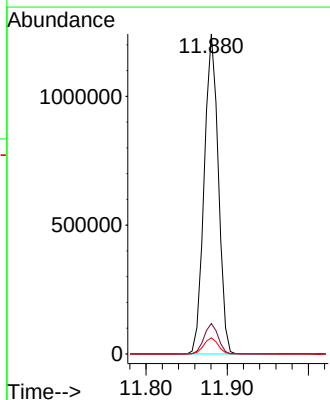
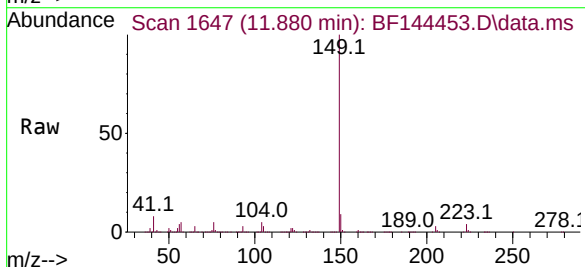
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF121225

Tgt Ion:167 Resp: 1391570  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.2  
 139 13.5 10.7 16.1

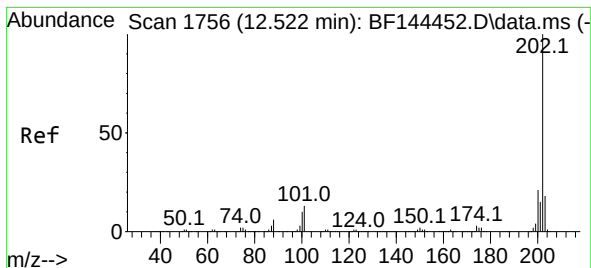


#74  
 Di-n-butylphthalate  
 Concen: 35.715 ng  
 RT: 11.880 min Scan# 1647  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

Tgt Ion:149 Resp: 1503143  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 5.0 3.9 5.9







#75

Fluoranthene

Concen: 33.297 ng

RT: 12.521 min Scan# 1756

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

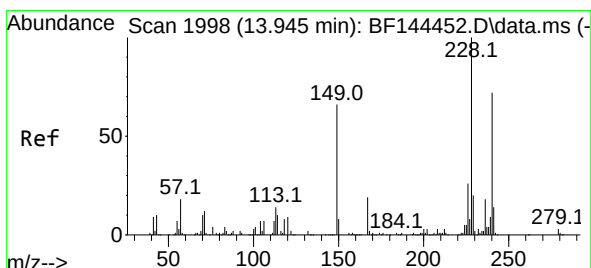
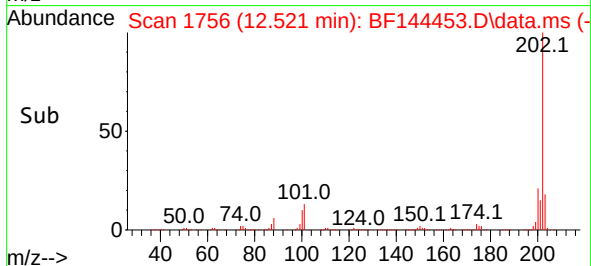
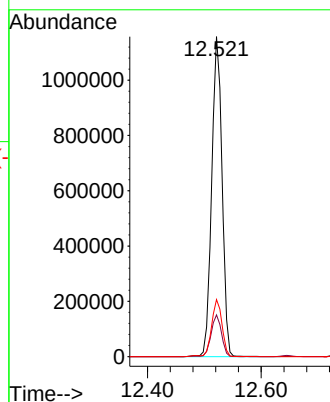
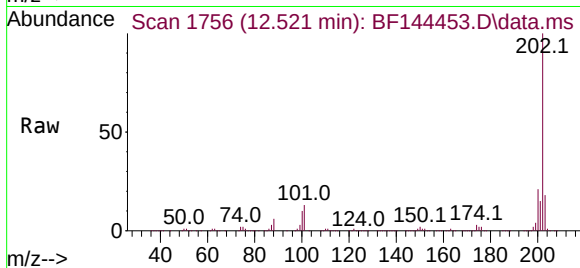
Tgt Ion:202 Resp: 1473371

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.9

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

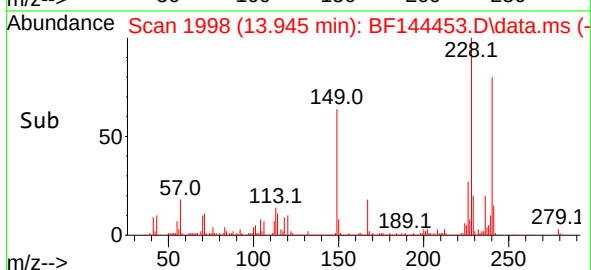
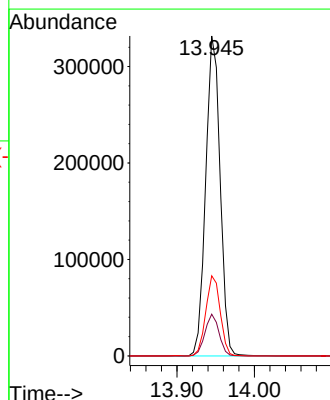
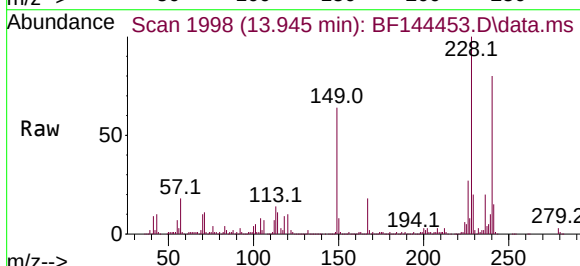
Tgt Ion:240 Resp: 428285

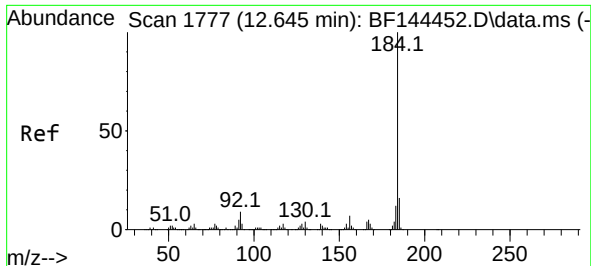
Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

236 25.0 20.2 30.4

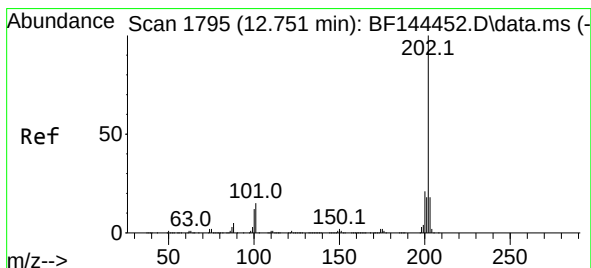
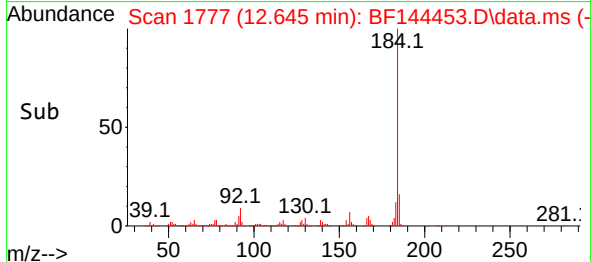
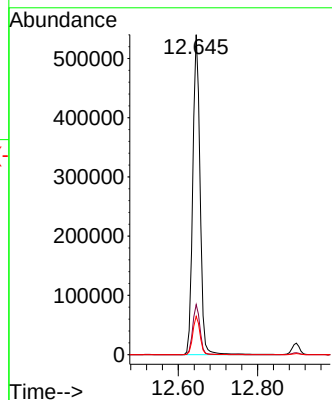
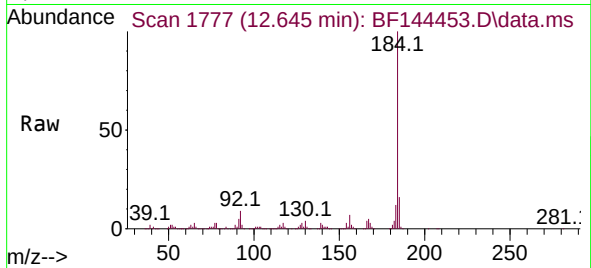




#77  
Benzidine  
Concen: 45.160 ng  
RT: 12.645 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

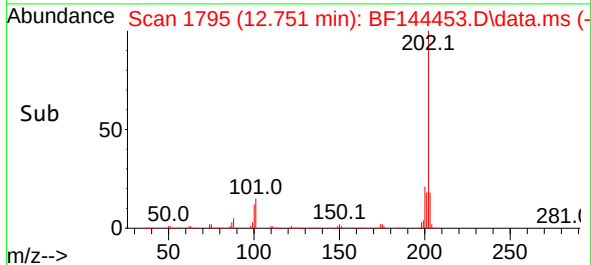
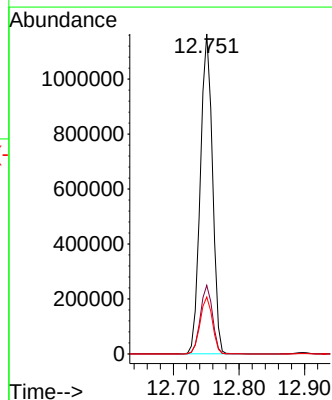
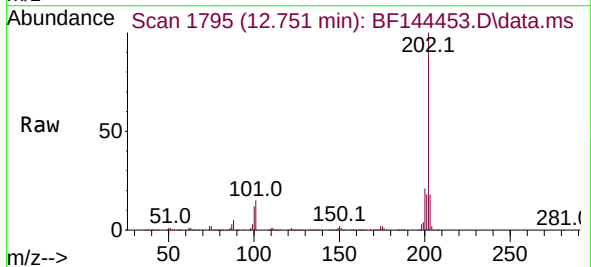
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

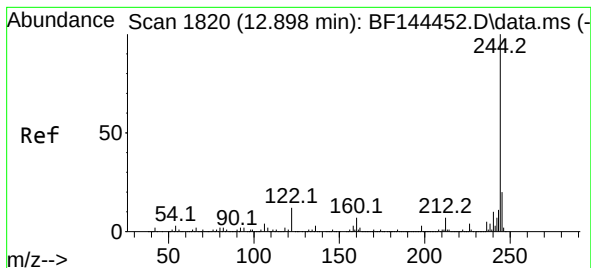
Tgt Ion:184 Resp: 688687  
Ion Ratio Lower Upper  
184 100  
185 15.6 12.6 18.8  
183 12.0 9.4 14.0



#78  
Pyrene  
Concen: 37.920 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:202 Resp: 1487940  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 69.295 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

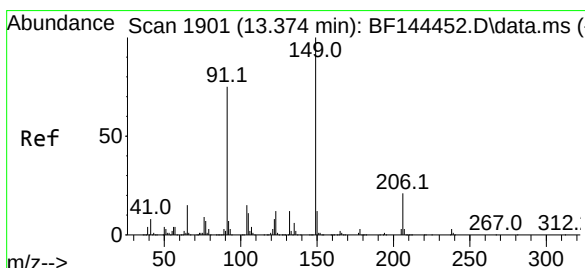
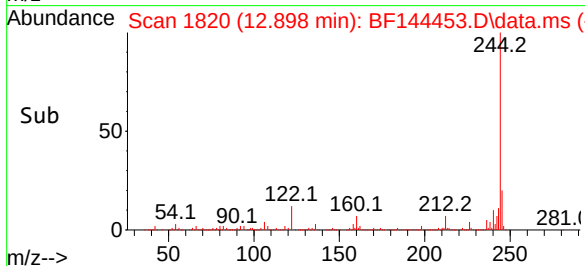
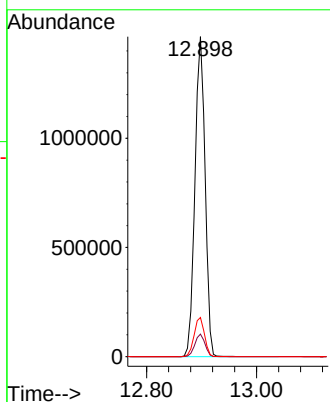
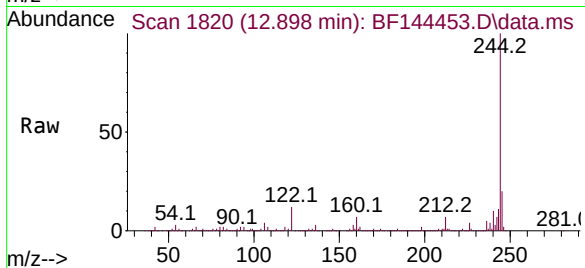
Tgt Ion:244 Resp: 1879789

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.2 9.9 14.9



#80

Butylbenzylphthalate

Concen: 34.839 ng

RT: 13.374 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

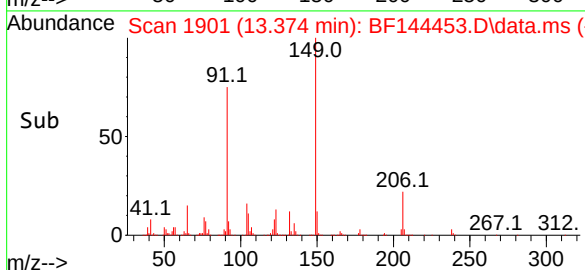
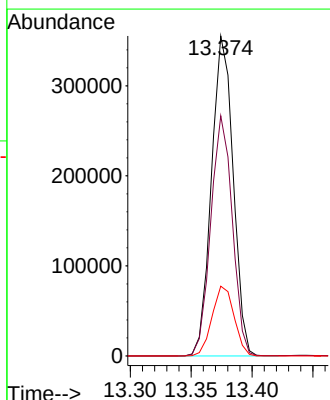
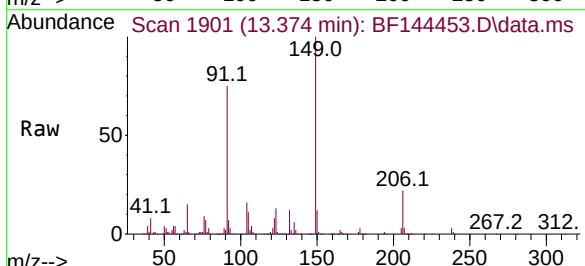
Tgt Ion:149 Resp: 439891

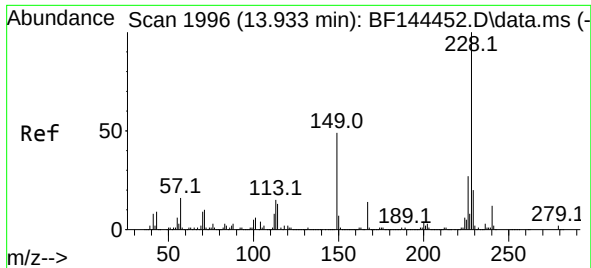
Ion Ratio Lower Upper

149 100

91 75.0 59.8 89.8

206 21.8 17.0 25.6

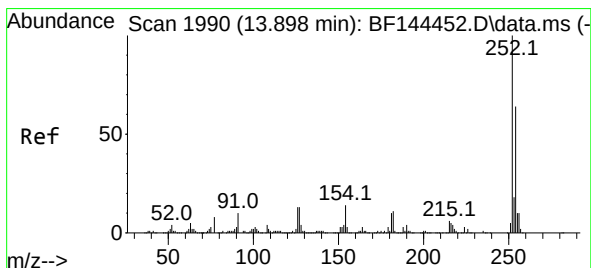
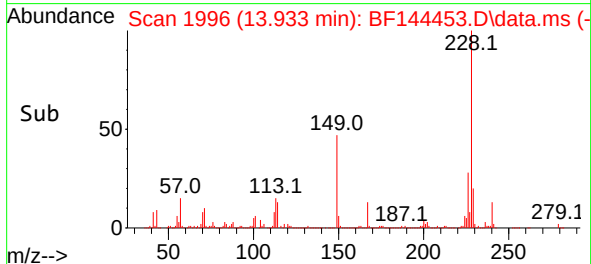
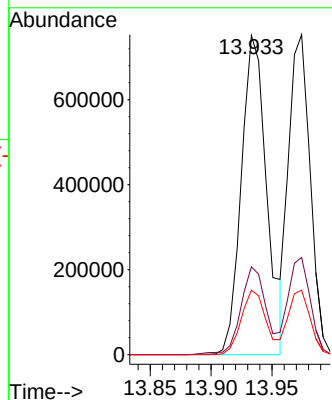
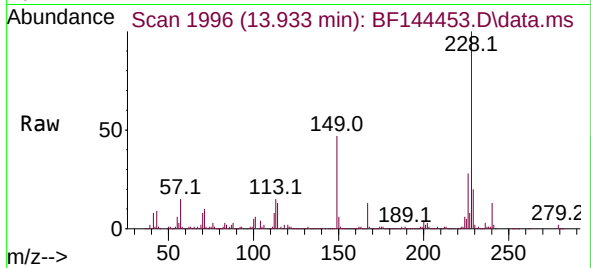




#81  
Benzo(a)anthracene  
Concen: 36.169 ng  
RT: 13.933 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

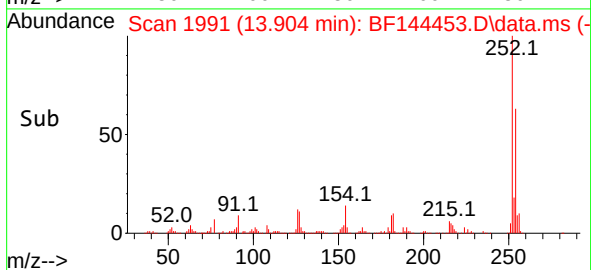
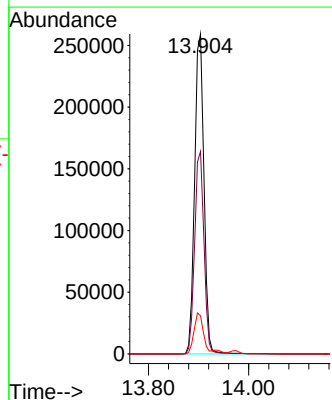
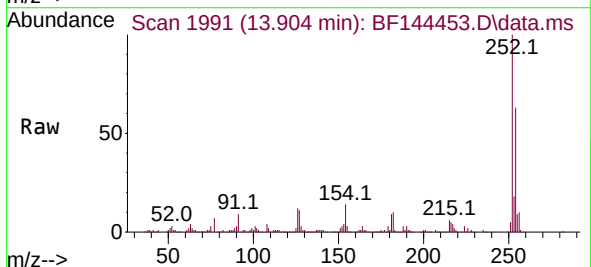
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

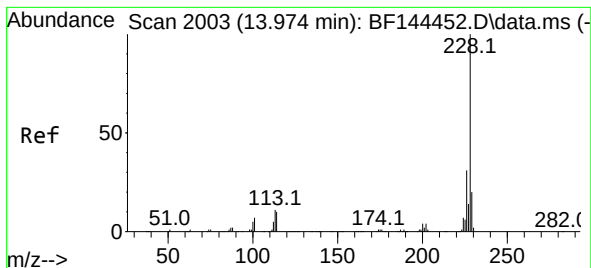
Tgt Ion:228 Resp: 1090859  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.9 32.9  
229 20.2 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 39.083 ng  
RT: 13.904 min Scan# 1991  
Delta R.T. 0.006 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:252 Resp: 334015  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.1 76.7  
126 11.9 10.4 15.6





#83

Chrysene

Concen: 33.604 ng

RT: 13.974 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

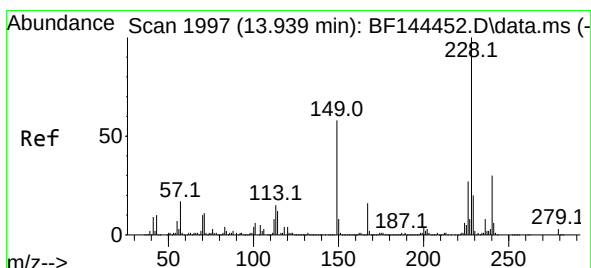
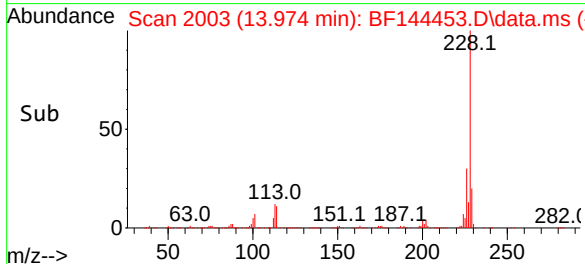
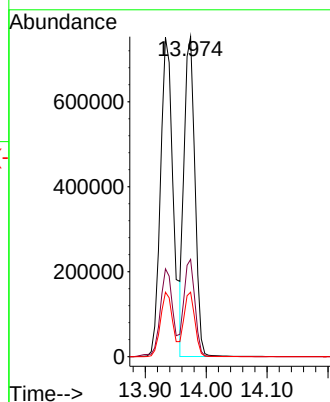
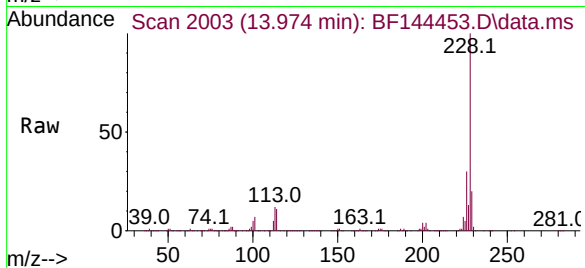
Tgt Ion:228 Resp: 927546

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.594 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

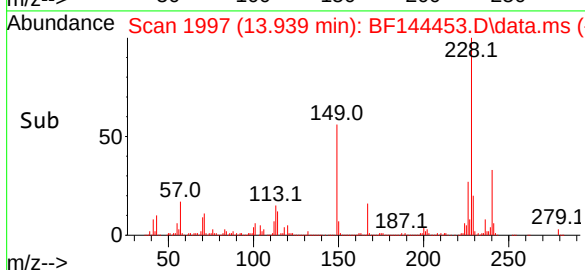
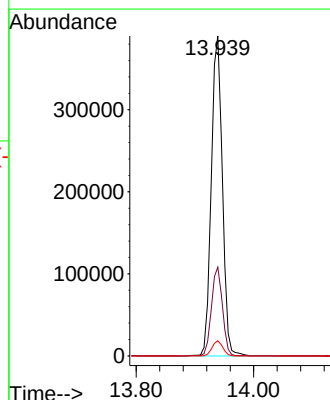
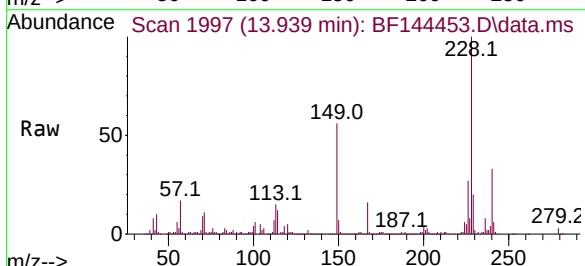
Tgt Ion:149 Resp: 509600

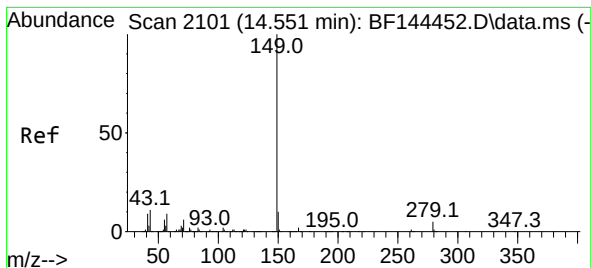
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 34.643 ng

RT: 14.551 min Scan# 2101

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

Instrument :

BNA\_F

ClientSampleId :

ICVBF121225

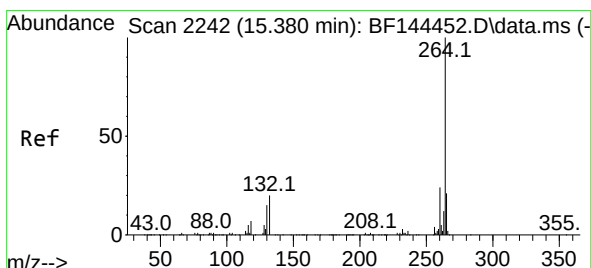
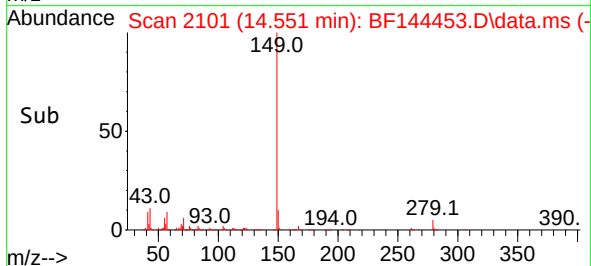
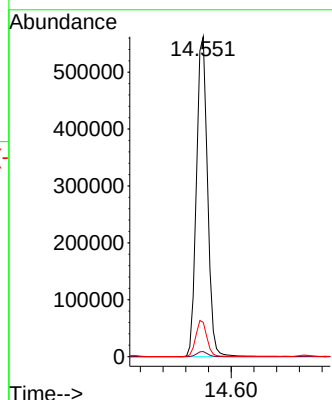
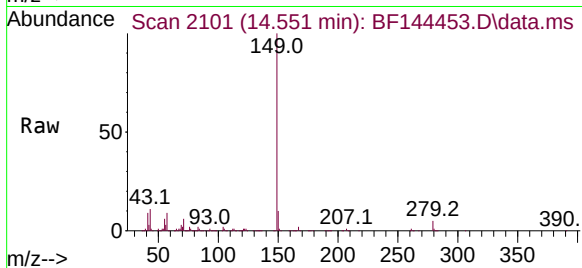
Tgt Ion:149 Resp: 757278

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF144453.D

Acq: 12 Dec 2025 16:21

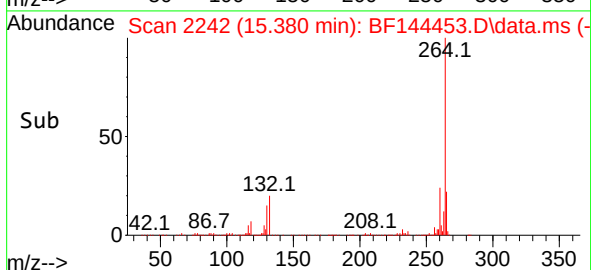
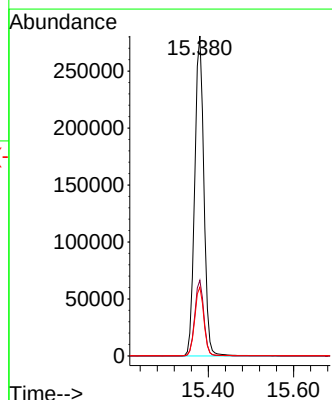
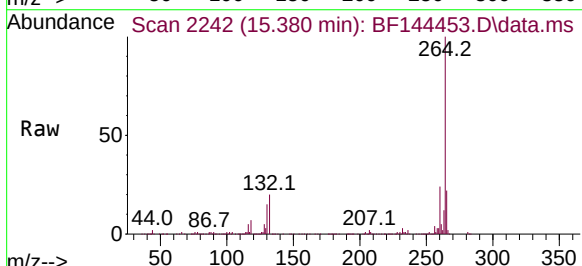
Tgt Ion:264 Resp: 418823

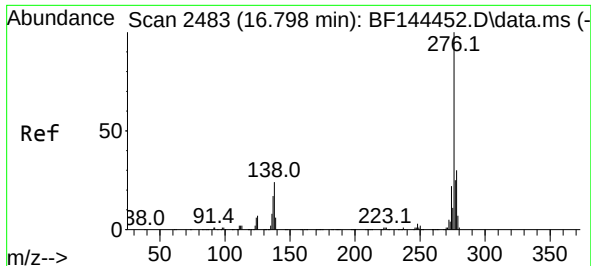
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.1 25.7



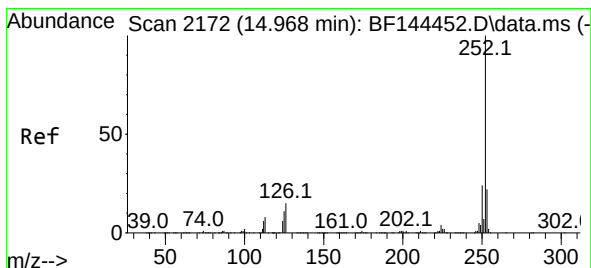
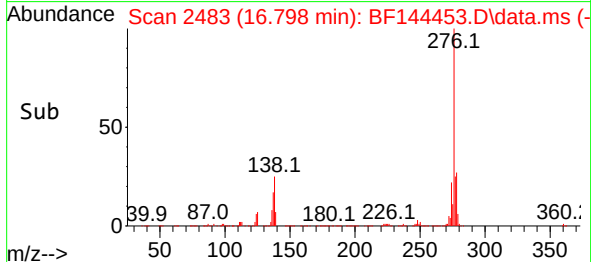
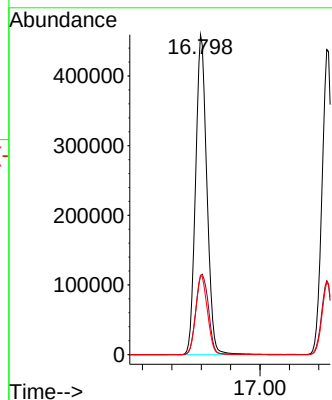
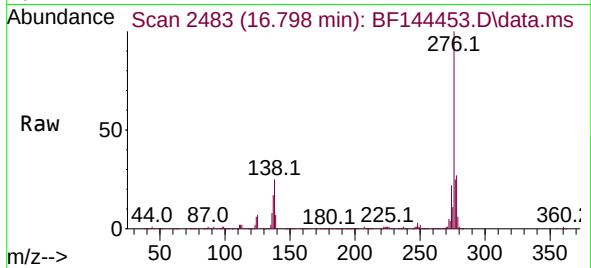


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.644 ng  
 RT: 16.798 min Scan# 2483  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF121225

Tgt Ion:276 Resp: 1221861  

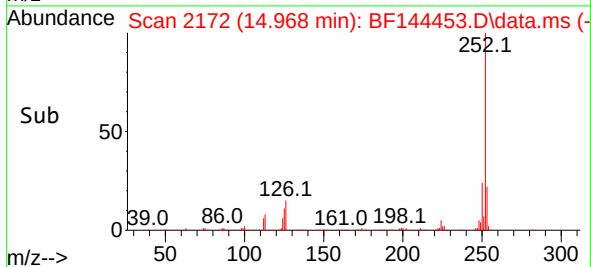
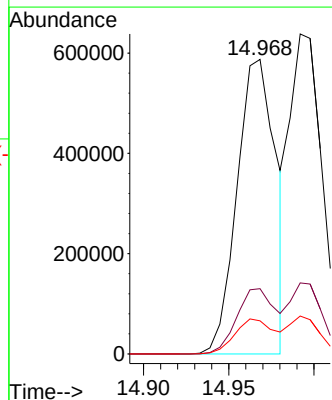
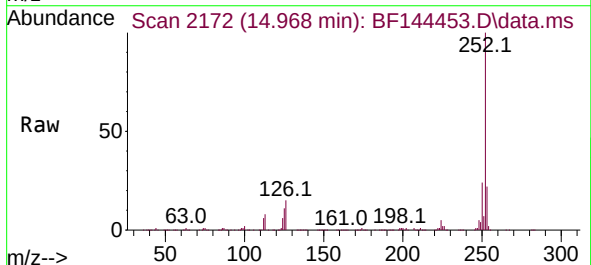
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 28.1  | 21.9  | 32.9  |
| 277 | 25.8  | 20.2  | 30.2  |

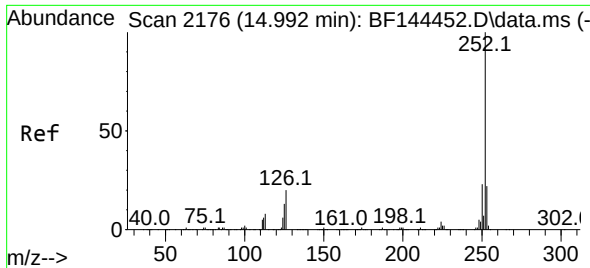


#88  
 Benzo(b)fluoranthene  
 Concen: 33.794 ng  
 RT: 14.968 min Scan# 2172  
 Delta R.T. -0.000 min  
 Lab File: BF144453.D  
 Acq: 12 Dec 2025 16:21

Tgt Ion:252 Resp: 929180  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.7  | 26.5  |
| 125 | 11.2  | 9.0   | 13.4  |

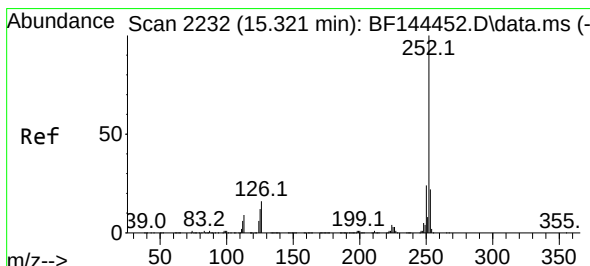
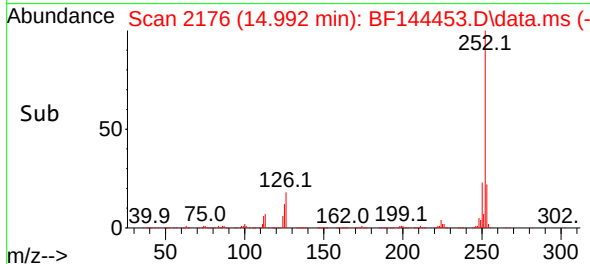
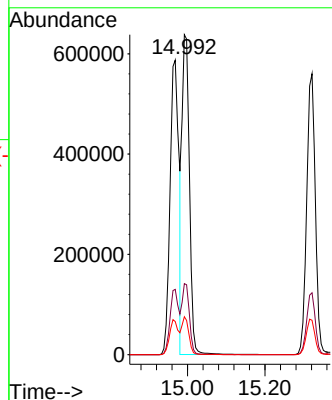
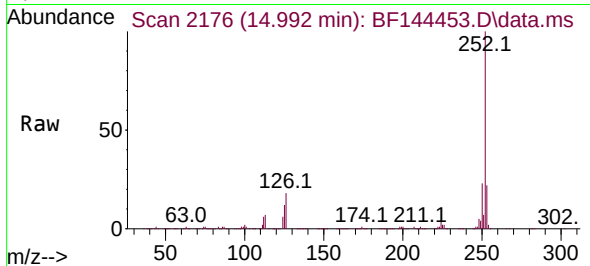




#89  
Benzo(k)fluoranthene  
Concen: 32.796 ng  
RT: 14.992 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

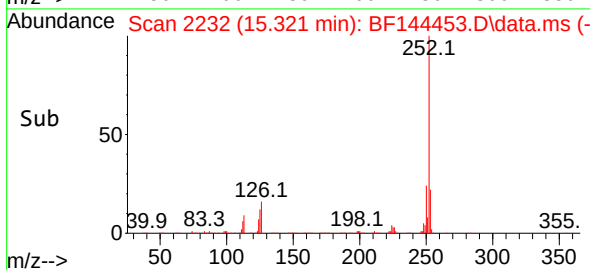
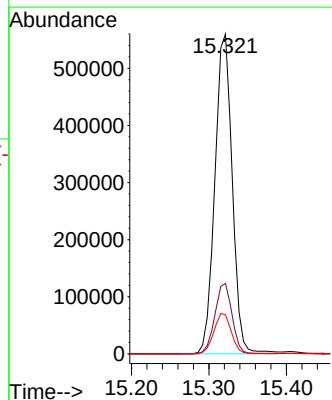
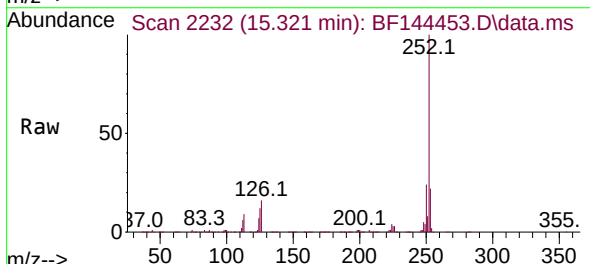
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:252 Resp: 852647  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 11.8 9.7 14.5

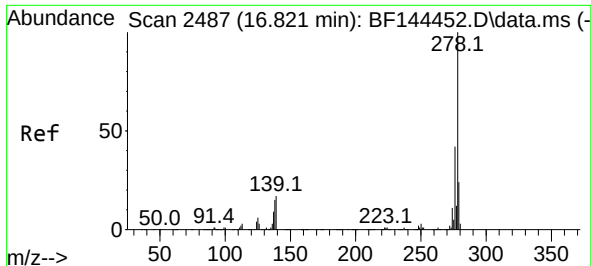


#90  
Benzo(a)pyrene  
Concen: 36.271 ng  
RT: 15.321 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:252 Resp: 871712  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 12.2 9.9 14.9



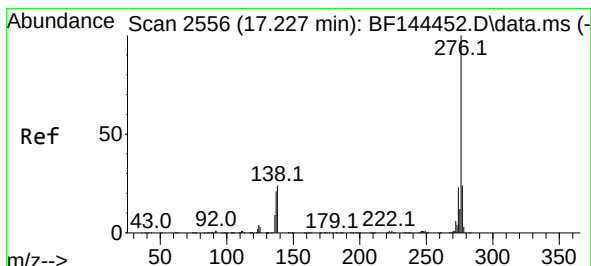
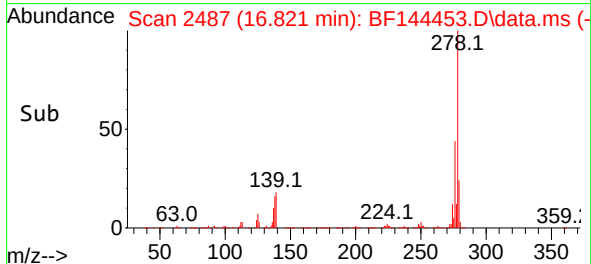
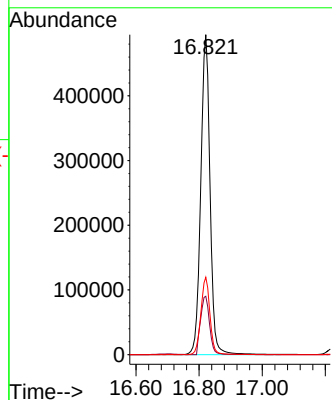
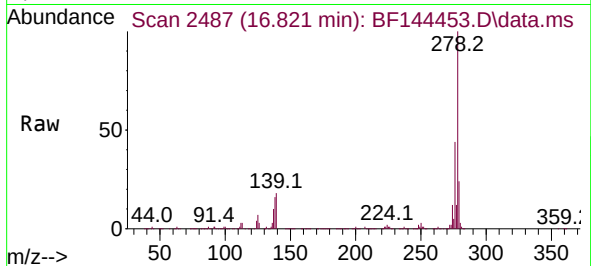




#91  
Dibenzo(a,h)anthracene  
Concen: 41.562 ng  
RT: 16.821 min Scan# 2487  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF121225

Tgt Ion:278 Resp: 1009049  
Ion Ratio Lower Upper  
278 100  
139 18.2 13.6 20.4  
279 24.2 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 41.581 ng  
RT: 17.227 min Scan# 2556  
Delta R.T. -0.000 min  
Lab File: BF144453.D  
Acq: 12 Dec 2025 16:21

Tgt Ion:276 Resp: 1026454  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 24.2 19.4 29.2

