

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103025\  
 Data File : BF144150.D  
 Acq On : 30 Oct 2025 20:05  
 Operator : RC/JU  
 Sample : Q3486-05MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP5MSD

Quant Time: Oct 31 01:01:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 65361    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 240508   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 125865   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 186796   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 164706   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 218183   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 382979   | 92.703  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 432647   | 94.826  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 279491   | 63.667  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 138264   | 86.238  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 540695   | 60.452  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 438361   | 46.528  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 67363    | 37.734  | ng    | 98       |
| 3) Pyridine                   | 3.451  | 79   | 188067   | 39.350  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.398  | 42   | 116448   | 39.652  | ng    | 91       |
| 6) Aniline                    | 6.539  | 93   | 180019   | 27.579  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 169758   | 41.725  | ng    | 99       |
| 9) Benzaldehyde               | 6.428  | 77   | 118020   | 33.316  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 229816   | 40.828  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 183677   | 45.159  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 218136   | 43.465  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 216004   | 43.673  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 212559   | 44.416  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 166294   | 44.825  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 336671   | 44.042  | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 136258   | 43.545  | ng    | 95       |
| 18) Hexachloroethane          | 7.386  | 117  | 72129    | 40.791  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 133804   | 45.351  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 159150   | 43.024  | ng    | 90       |
| 22) Acetophenone              | 7.286  | 105  | 229490   | 44.152  | ng    | 95       |
| 24) Nitrobenzene              | 7.457  | 77   | 202769   | 43.664  | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 347779   | 45.314  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 99058    | 44.840  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 165469   | 50.403  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 214826   | 44.884  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 160797   | 42.118  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 180536   | 45.966  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 488800   | 43.061  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 81058    | 38.925  | ng    | # 85     |
| 33) 4-Chloroaniline           | 8.233  | 127  | 49321    | 12.481  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 129642   | 40.367  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 40084    | 41.868  | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 142819   | 42.391  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 301414   | 40.274  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 298099   | 42.042  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 186302   | 43.068  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 170716   | 127.776 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 122972   | 43.736  | ng    | 99       |

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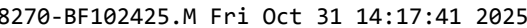
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP5MSD

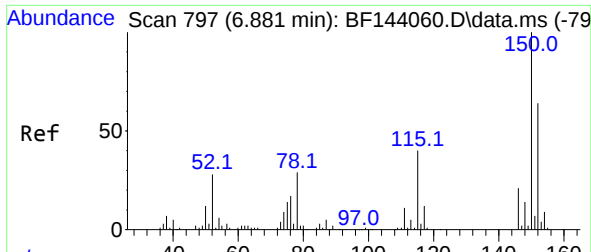
Quant Time: Oct 31 01:01:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 124697   | 42.258 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 397895   | 44.162 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 332525   | 44.053 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 93115    | 41.542 | ng    | 91       |
| 49) Acenaphthylene            | 9.780  | 152  | 505367   | 49.653 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 361858   | 43.860 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 73975    | 45.356 | ng    | 91       |
| 52) Acenaphthene              | 9.951  | 154  | 298642   | 43.936 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 36010    | 19.858 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 49535    | 56.153 | ng    | 91       |
| 55) Dibenzofuran              | 10.122 | 168  | 412826   | 43.748 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 88509    | 72.080 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 99268    | 45.096 | ng    | # 96     |
| 58) Fluorene                  | 10.469 | 166  | 307927   | 42.826 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 89677    | 43.126 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 316911   | 40.846 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 170836   | 42.250 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 62127    | 36.159 | ng    | 93       |
| 63) Azobenzene                | 10.622 | 77   | 331758   | 45.177 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 43195    | 36.042 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 289087   | 48.438 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 113928   | 48.712 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 132003   | 46.021 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 88975    | 45.432 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 116785   | 85.536 | ng    | 94       |
| 71) Phenanthrene              | 11.433 | 178  | 433320   | 46.698 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 424515   | 44.287 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 345073   | 42.294 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 417787   | 41.766 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 444663   | 43.374 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 201984   | 39.404 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 473275   | 39.968 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 188011   | 41.969 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 550555   | 49.462 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 82191    | 21.212 | ng    | 96       |
| 83) Chrysene                  | 14.086 | 228  | 460820   | 44.118 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 282067   | 46.122 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 510711   | 48.560 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 563485   | 37.617 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 591218   | 47.932 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 520361   | 45.725 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 541573   | 48.941 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 455127   | 38.384 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.503 | 276  | 417905   | 35.055 | ng    | 99       |

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

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QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

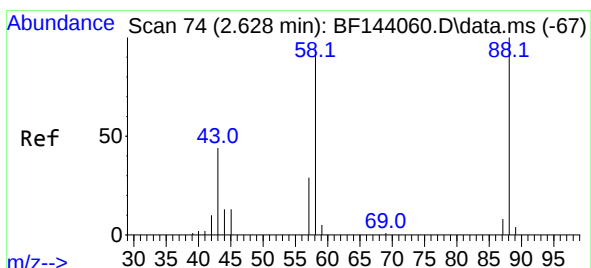
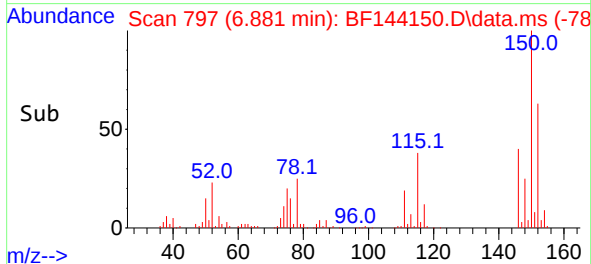
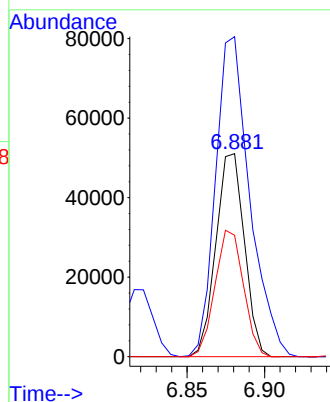
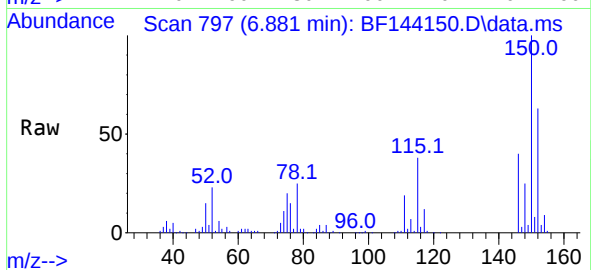




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

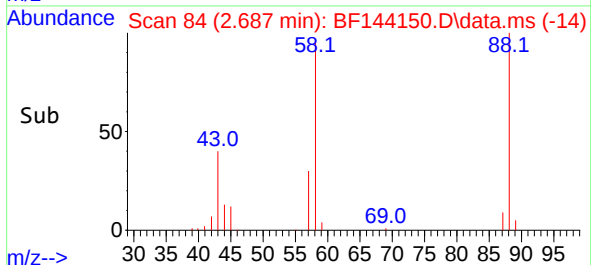
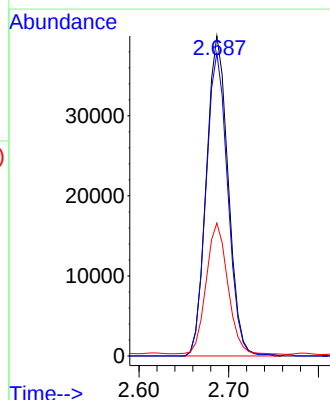
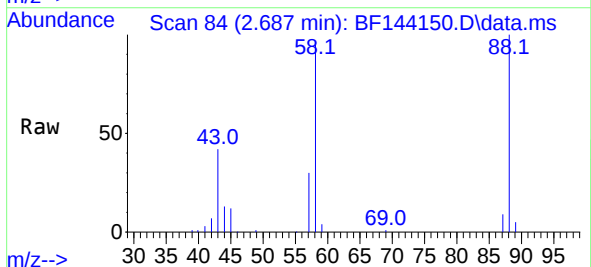
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

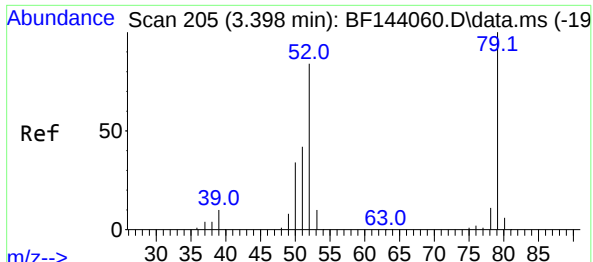
Tgt Ion:152 Resp: 65361  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.4 186.6  
115 59.8 49.4 74.0



#2  
1,4-Dioxane  
Concen: 37.734 ng  
RT: 2.687 min Scan# 84  
Delta R.T. 0.059 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 88 Resp: 67363  
Ion Ratio Lower Upper  
88 100  
58 94.4 76.5 114.7  
43 41.0 35.3 52.9

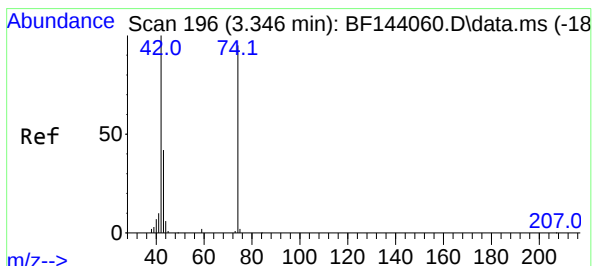
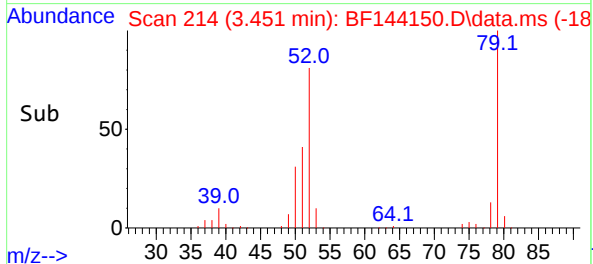
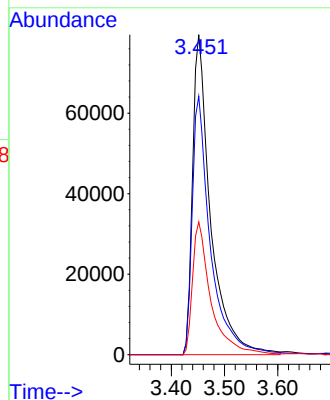
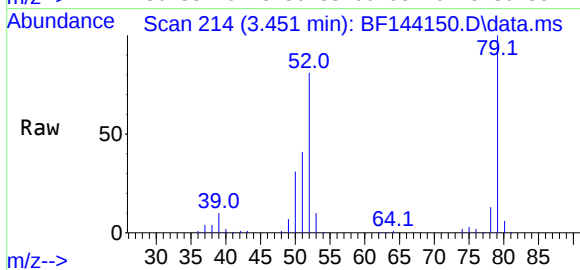




#3  
Pyridine  
Concen: 39.350 ng  
RT: 3.451 min Scan# 214  
Delta R.T. 0.053 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

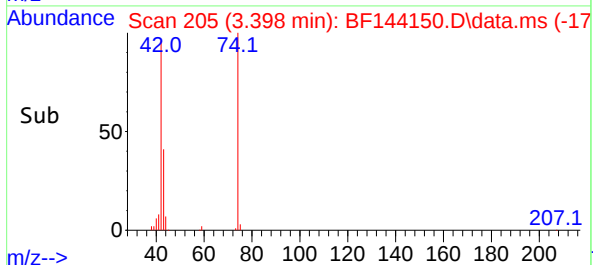
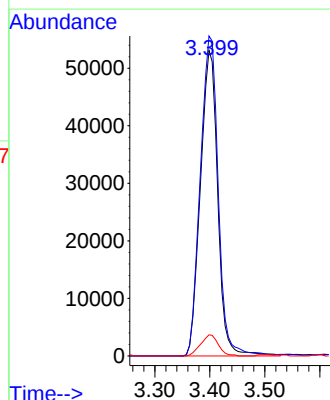
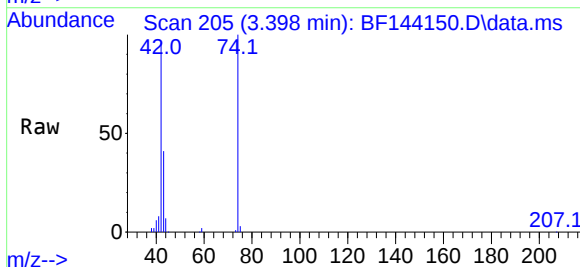
Instrument :  
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ClientSampleId :  
TP5MSD

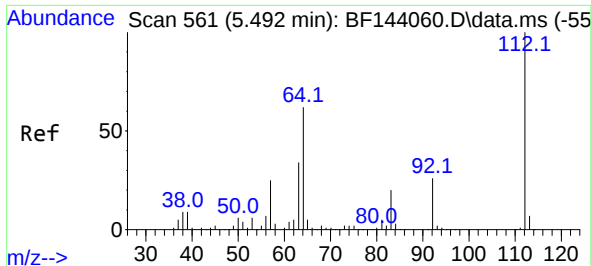
Tgt Ion: 79 Resp: 188067  
Ion Ratio Lower Upper  
79 100  
52 80.8 67.5 101.3  
51 41.5 33.6 50.4



#4  
n-Nitrosodimethylamine  
Concen: 39.652 ng  
RT: 3.398 min Scan# 205  
Delta R.T. 0.053 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 42 Resp: 116448  
Ion Ratio Lower Upper  
42 100  
74 104.7 76.4 114.6  
44 6.9 5.2 7.8

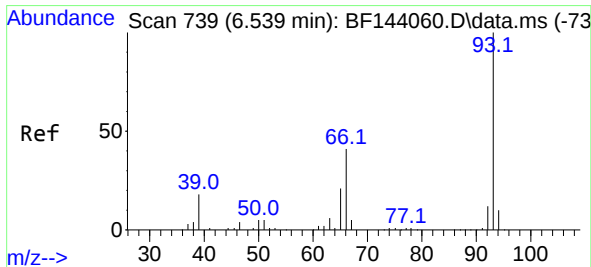
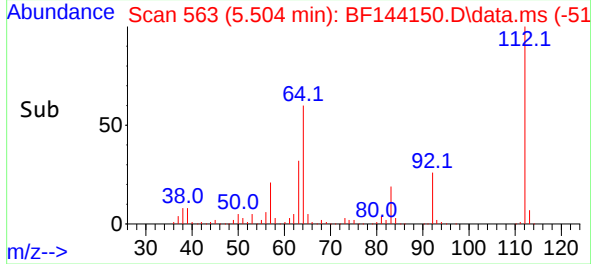
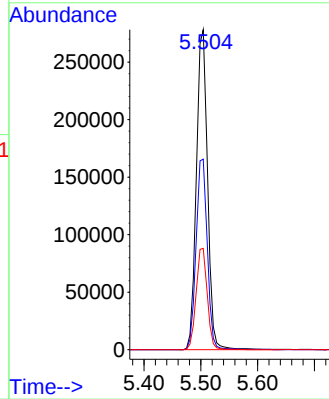
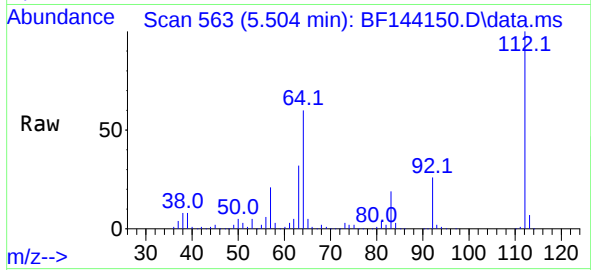




#5  
2-Fluorophenol  
Concen: 92.703 ng  
RT: 5.504 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

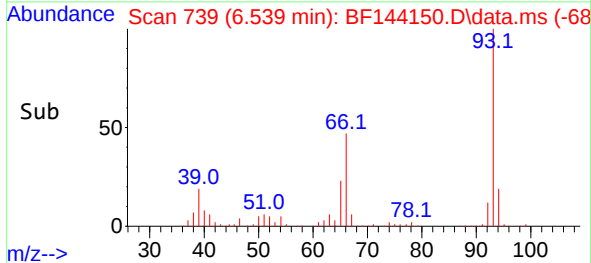
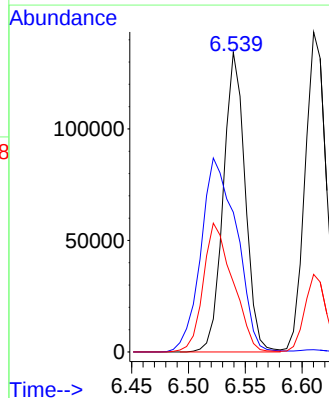
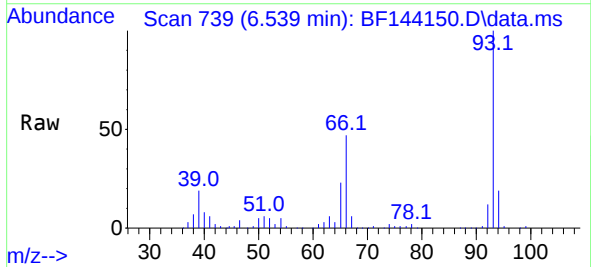
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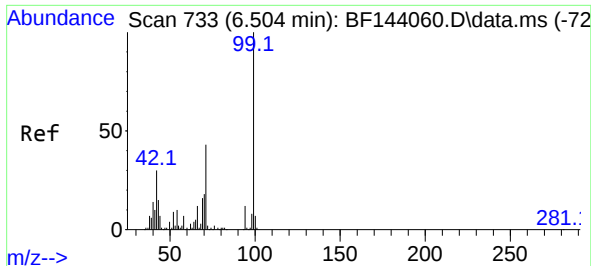
Tgt Ion:112 Resp: 382979  
Ion Ratio Lower Upper  
112 100  
64 59.5 49.8 74.8  
63 31.6 27.4 41.2



#6  
Aniline  
Concen: 27.579 ng  
RT: 6.539 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 93 Resp: 180019  
Ion Ratio Lower Upper  
93 100  
66 46.6 35.7 53.5  
65 23.4 17.0 25.6

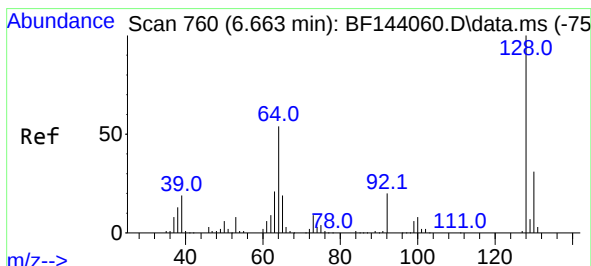
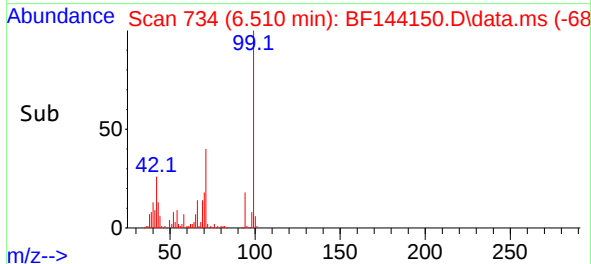
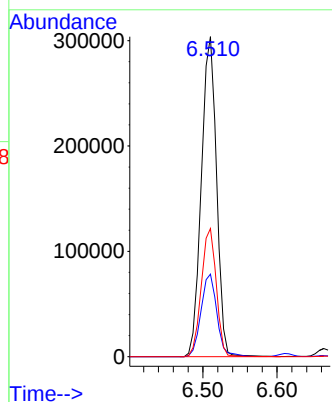
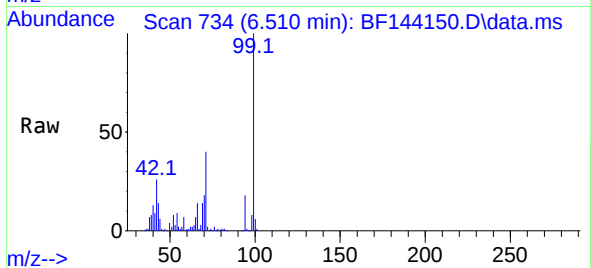




#7  
Phenol-d6  
Concen: 94.826 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

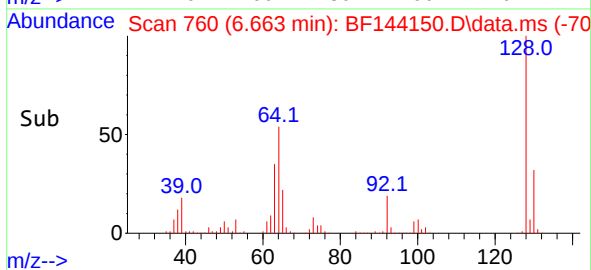
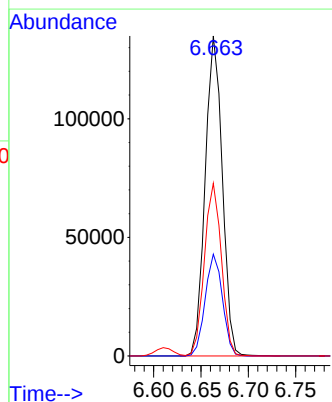
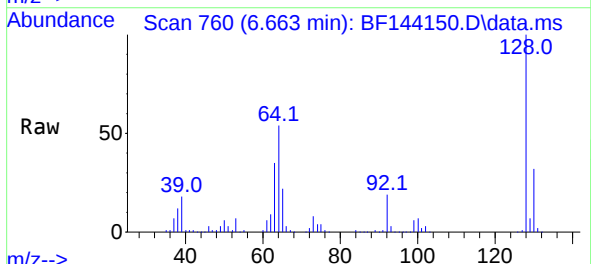
Instrument :  
BNA\_F  
ClientSampleId :  
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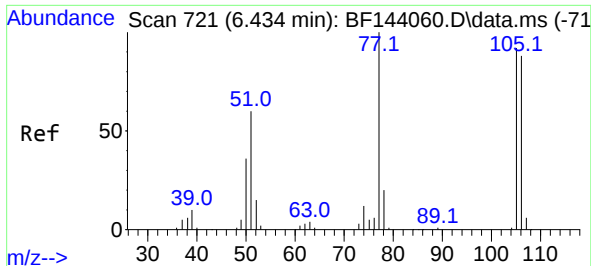
Tgt Ion: 99 Resp: 432647  
Ion Ratio Lower Upper  
99 100  
42 25.8 23.9 35.9  
71 40.1 34.4 51.6



#8  
2-Chlorophenol  
Concen: 41.725 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:128 Resp: 169758  
Ion Ratio Lower Upper  
128 100  
130 31.8 10.7 50.7  
64 53.9 34.7 74.7

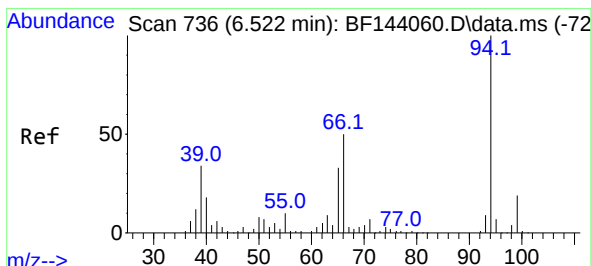
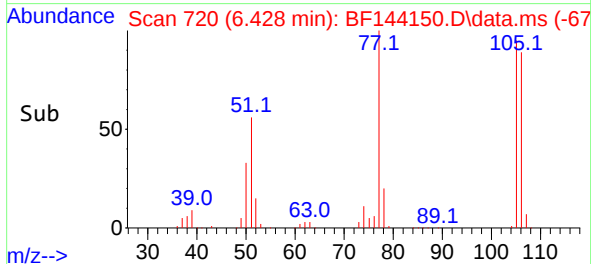
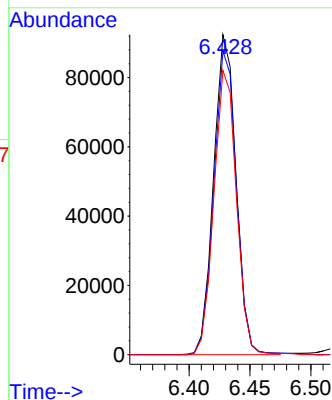
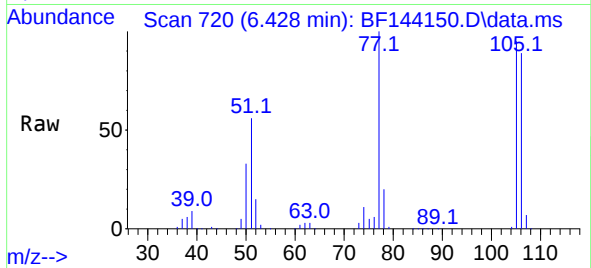




#9  
Benzaldehyde  
Concen: 33.316 ng  
RT: 6.428 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

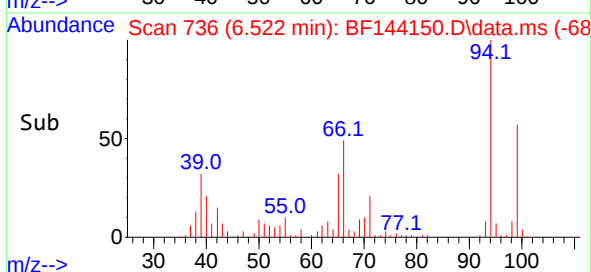
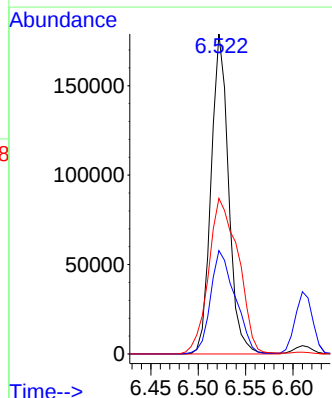
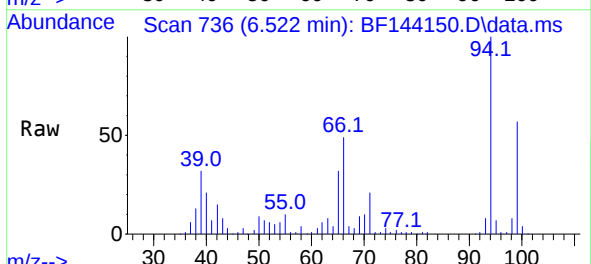
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

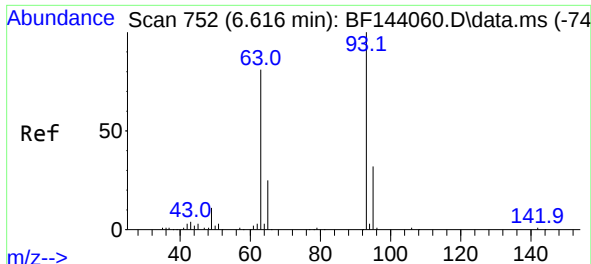
Tgt Ion: 77 Resp: 118020  
Ion Ratio Lower Upper  
77 100  
105 94.9 72.2 112.2  
106 88.9 67.9 107.9



#10  
Phenol  
Concen: 40.828 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 94 Resp: 229816  
Ion Ratio Lower Upper  
94 100  
65 32.3 13.1 53.1  
66 48.6 30.6 70.6

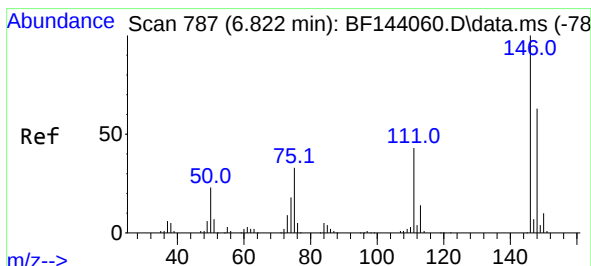
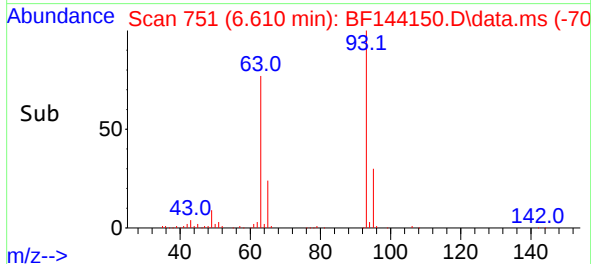
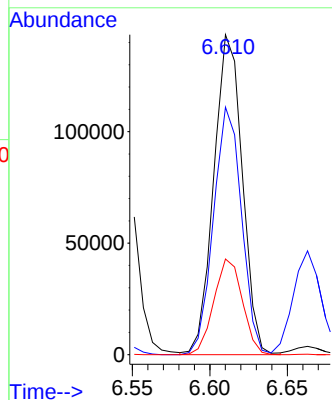
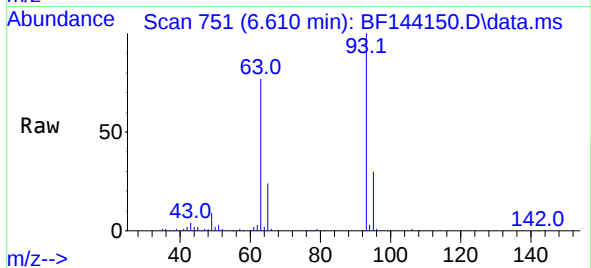




#11  
bis(2-Chloroethyl)ether  
Concen: 45.159 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

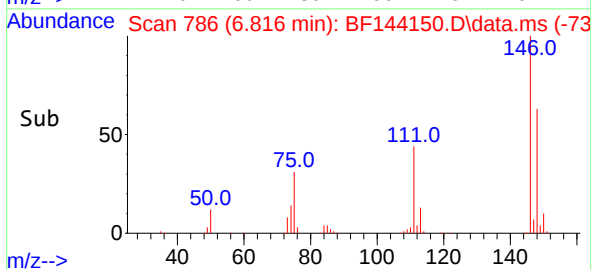
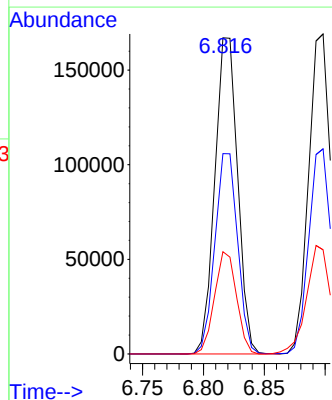
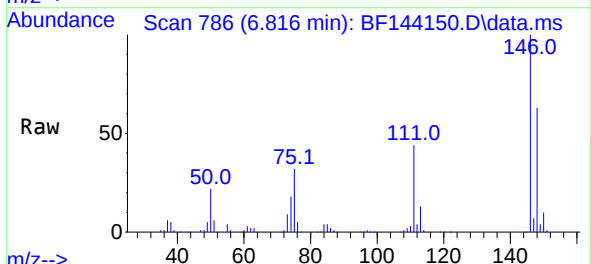
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

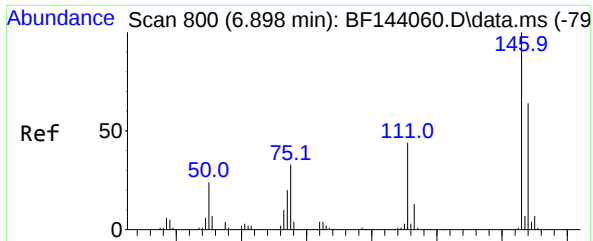
Tgt Ion: 93 Resp: 183677  
Ion Ratio Lower Upper  
93 100  
63 77.3 60.2 100.2  
95 29.9 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 43.465 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

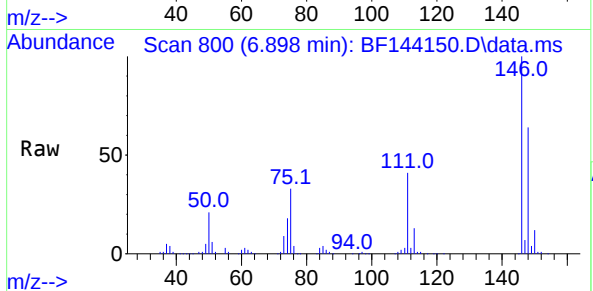
Tgt Ion:146 Resp: 218136  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.6 75.8  
75 32.4 26.6 40.0



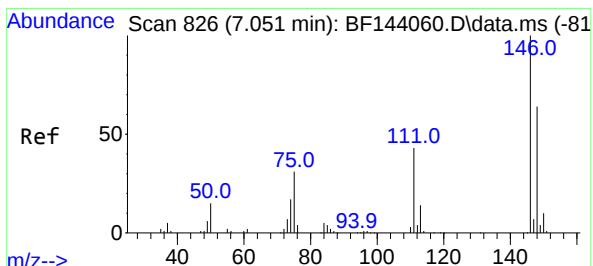
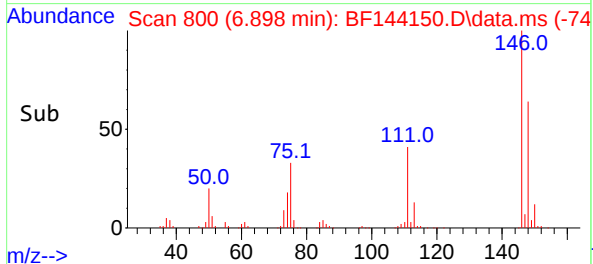
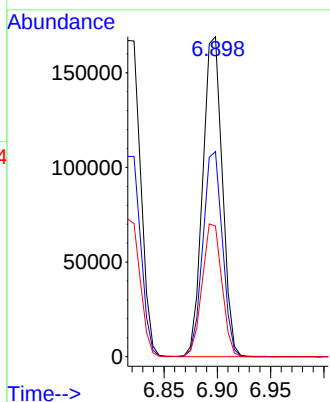


#13  
1,4-Dichlorobenzene  
Concen: 43.673 ng  
RT: 6.898 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

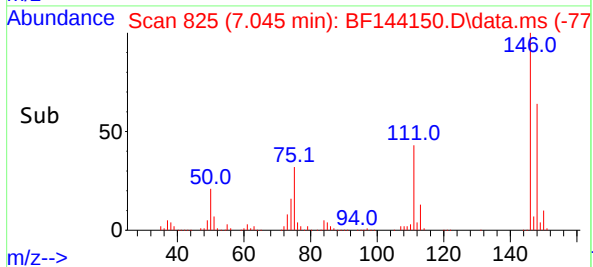
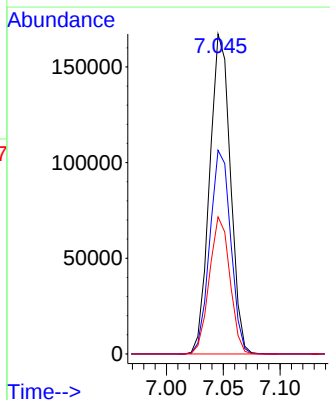
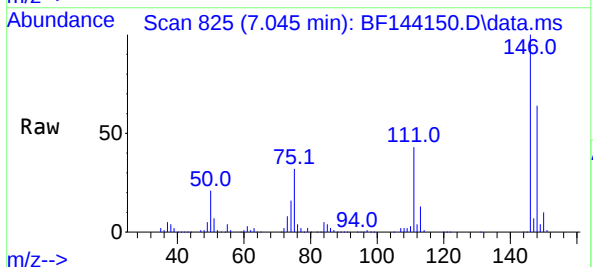


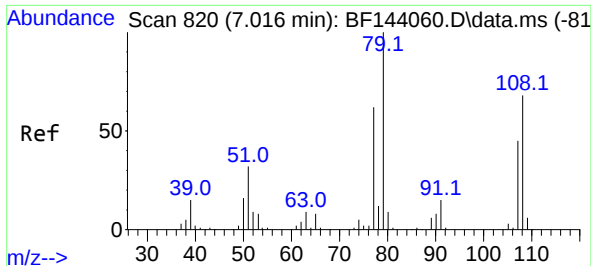
Tgt Ion:146 Resp: 216004  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.6  
111 40.8 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 44.416 ng  
RT: 7.045 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:146 Resp: 212559  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.8 76.2  
111 42.9 34.7 52.1

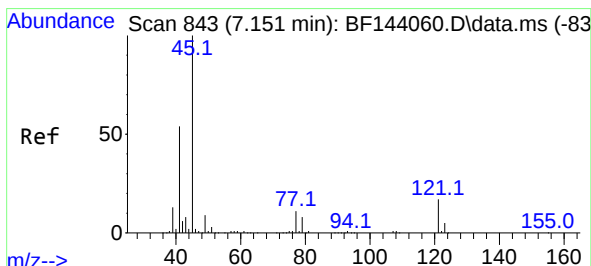
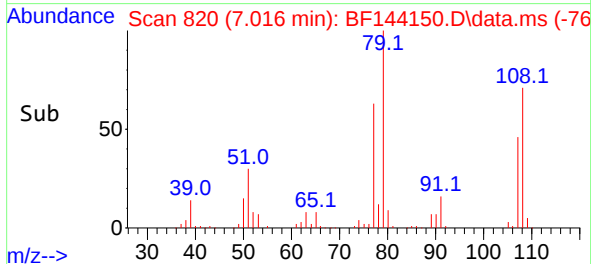
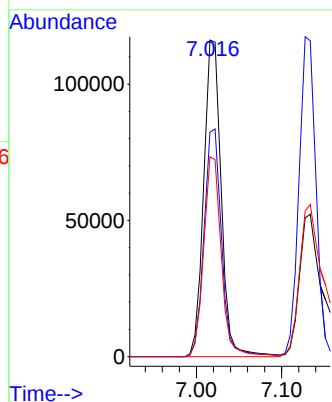
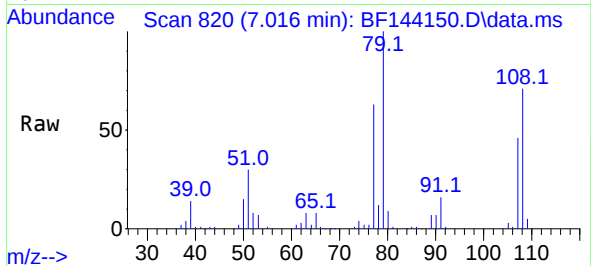




#15  
Benzyl Alcohol  
Concen: 44.825 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

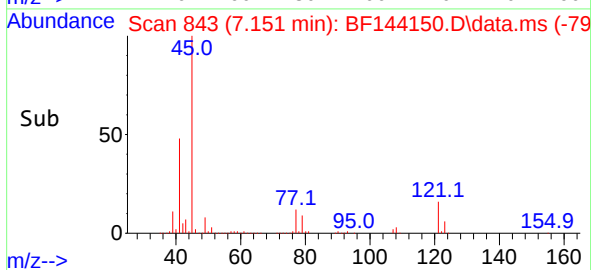
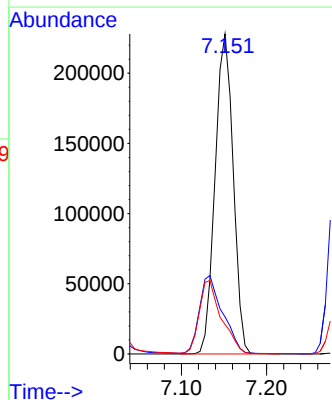
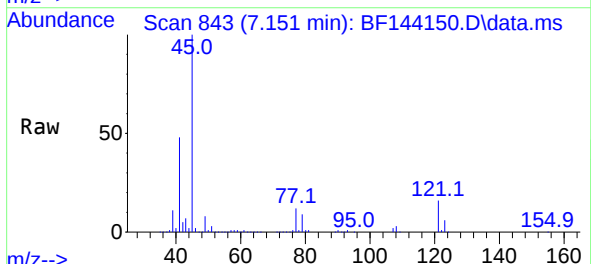
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

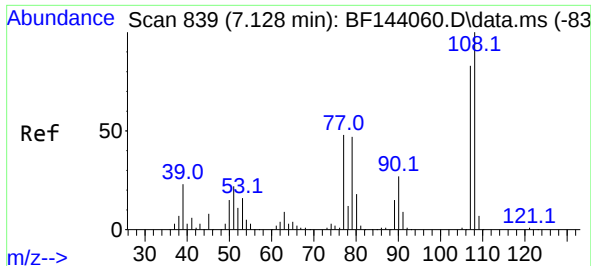
Tgt Ion: 79 Resp: 166294  
Ion Ratio Lower Upper  
79 100  
108 70.9 54.8 82.2  
77 63.1 49.4 74.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.042 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 45 Resp: 336671  
Ion Ratio Lower Upper  
45 100  
77 11.6 0.0 30.9  
79 9.3 0.0 28.2

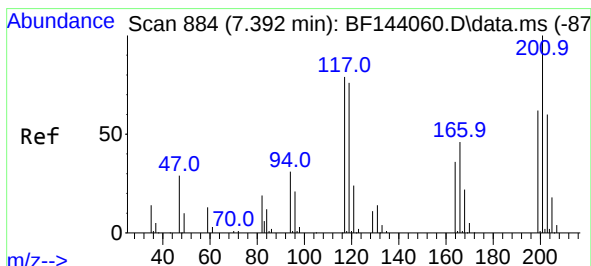
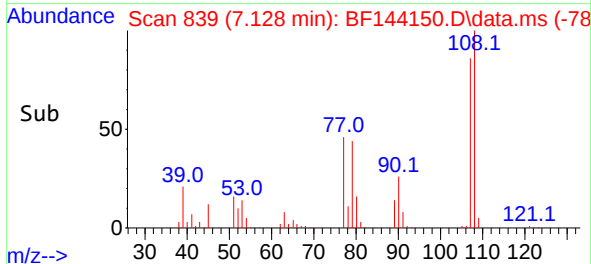
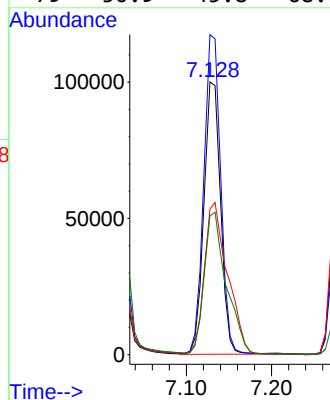
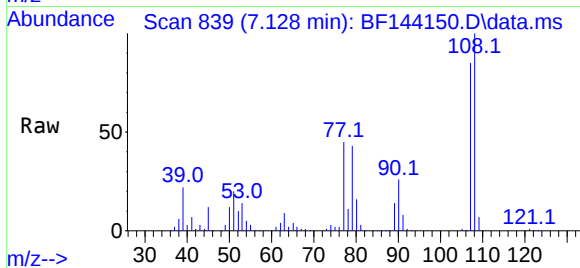




#17  
2-Methylphenol  
Concen: 43.545 ng  
RT: 7.128 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

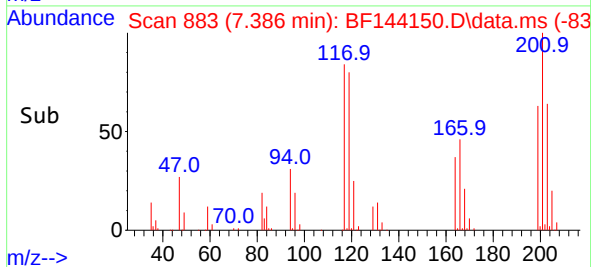
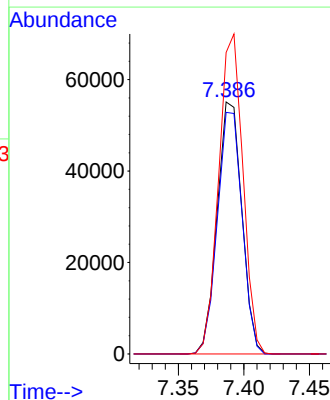
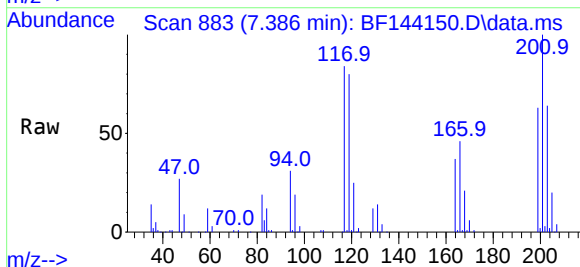
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

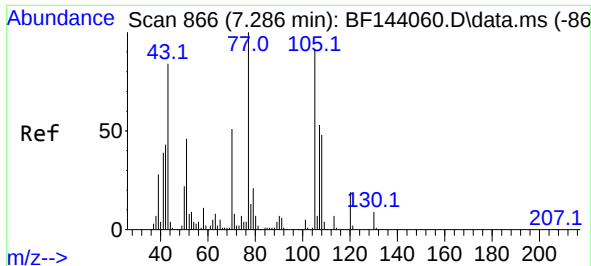
Tgt Ion:107 Resp: 136258  
Ion Ratio Lower Upper  
107 100  
108 117.3 96.4 144.6  
77 53.3 46.8 70.2  
79 50.9 45.8 68.6



#18  
Hexachloroethane  
Concen: 40.791 ng  
RT: 7.386 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:117 Resp: 72129  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.6 115.0  
201 119.6 100.9 151.3

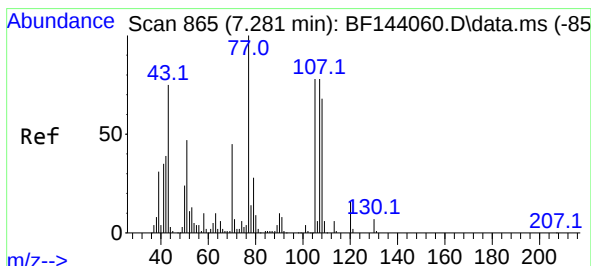
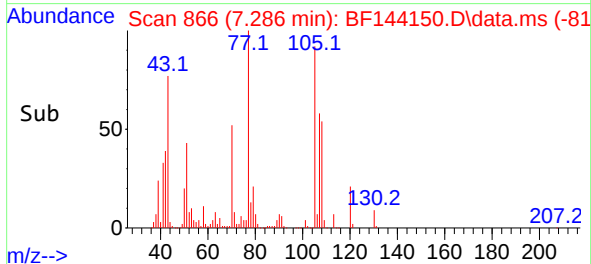
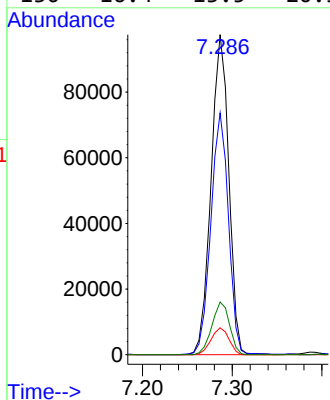
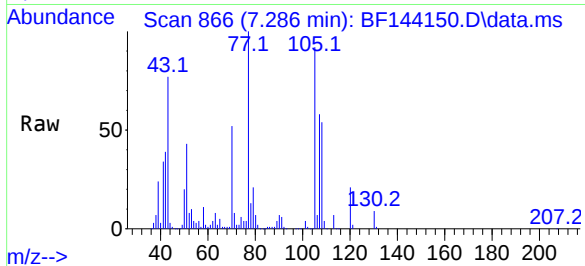




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.351 ng  
RT: 7.286 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

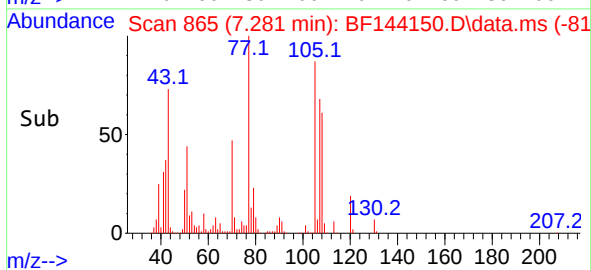
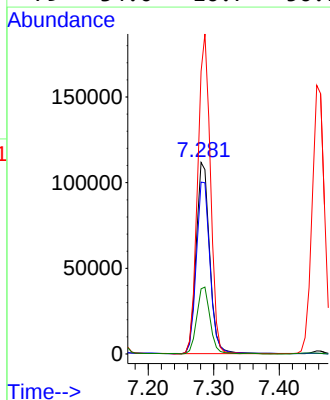
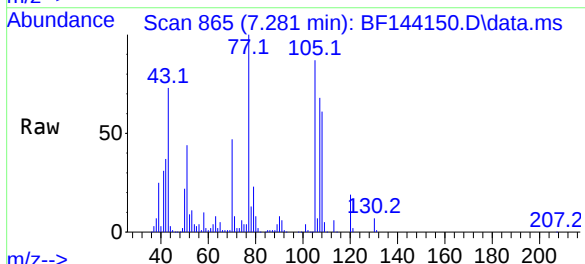
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

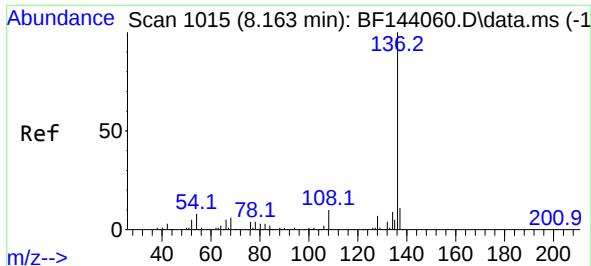
Tgt Ion: 70 Resp: 133804  
Ion Ratio Lower Upper  
70 100  
42 75.5 67.4 101.0  
101 8.4 7.1 10.7  
130 16.4 13.5 20.3



#20  
3+4-Methylphenols  
Concen: 43.024 ng  
RT: 7.281 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:107 Resp: 159150  
Ion Ratio Lower Upper  
107 100  
108 89.7 68.0 108.0  
77 147.5 108.7 148.7  
79 34.0 16.7 56.7

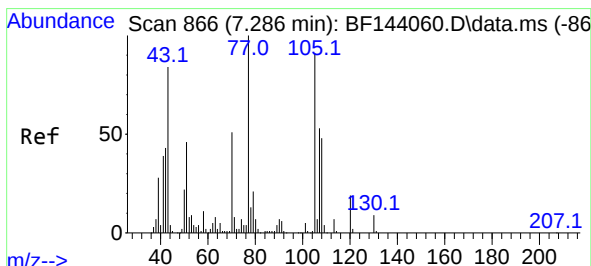
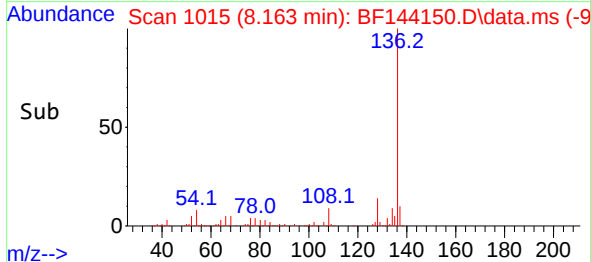
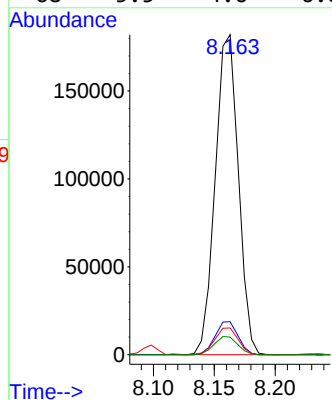
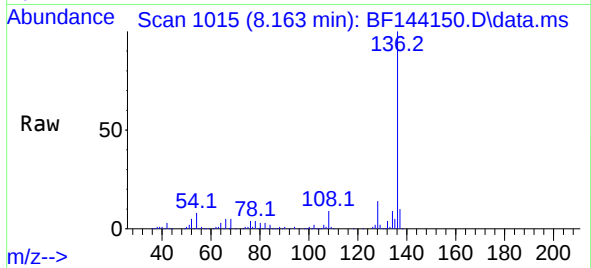




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

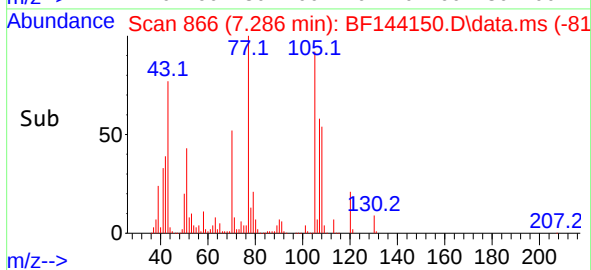
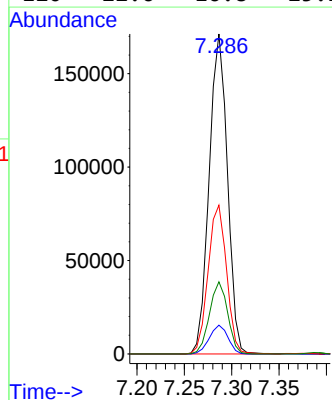
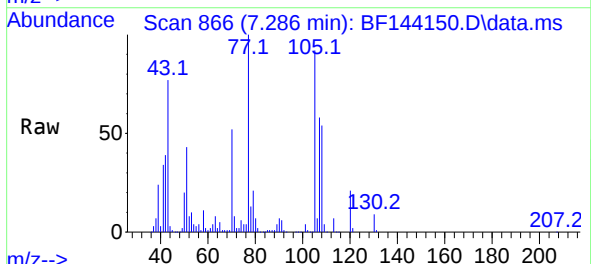
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

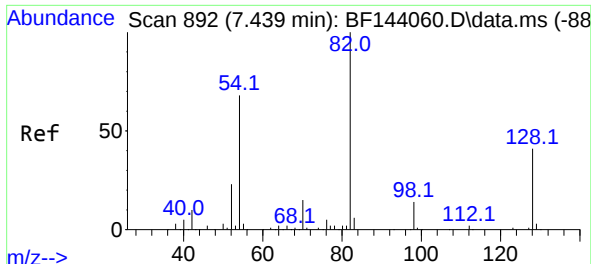
Tgt Ion:136 Resp: 240508  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.6 13.0  
54 8.4 6.6 9.8  
68 5.5 4.6 6.8



#22  
Acetophenone  
Concen: 44.152 ng  
RT: 7.286 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:105 Resp: 229490  
Ion Ratio Lower Upper  
105 100  
71 9.0 6.9 10.3  
51 46.5 40.6 60.8  
120 22.6 16.8 25.2

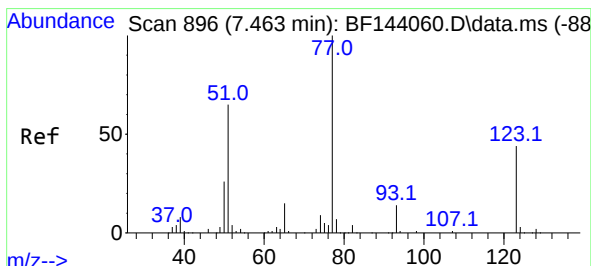
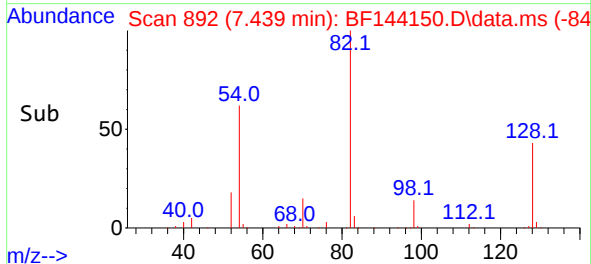
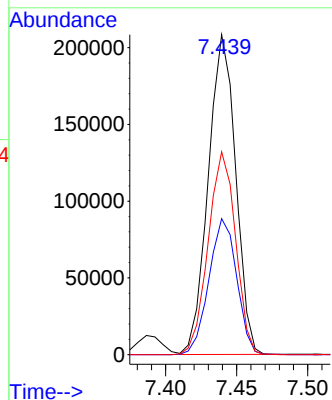
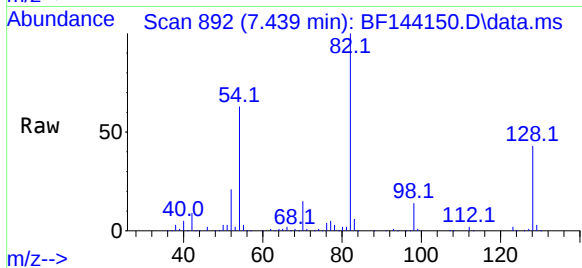




#23  
Nitrobenzene-d5  
Concen: 63.667 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

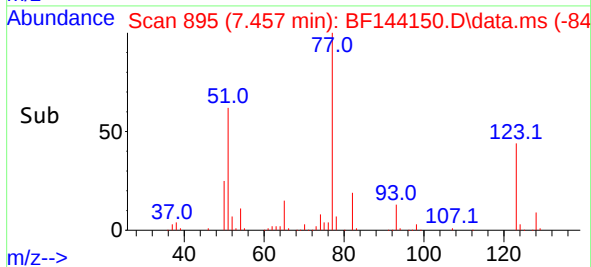
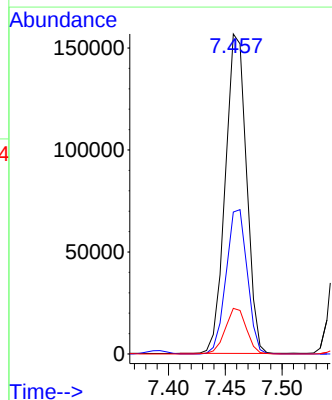
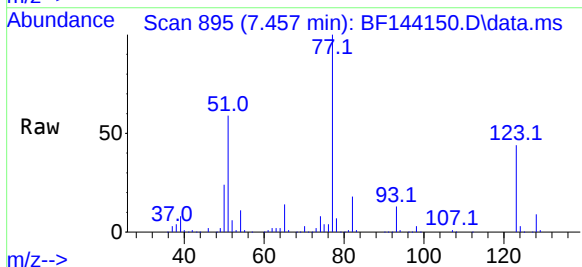
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

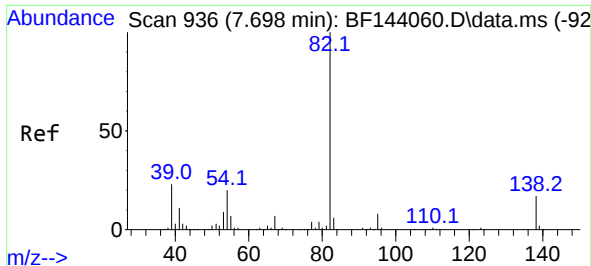
Tgt Ion: 82 Resp: 279491  
Ion Ratio Lower Upper  
82 100  
128 42.5 32.4 48.6  
54 63.4 54.0 81.0



#24  
Nitrobenzene  
Concen: 43.664 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 77 Resp: 202769  
Ion Ratio Lower Upper  
77 100  
123 44.4 35.0 52.6  
65 14.2 12.2 18.2

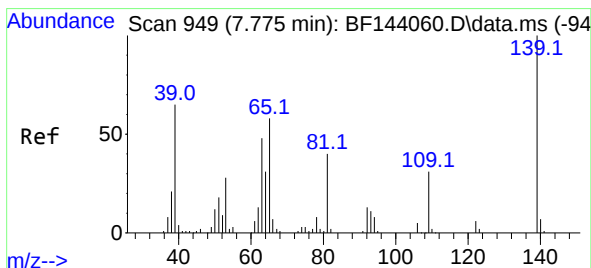
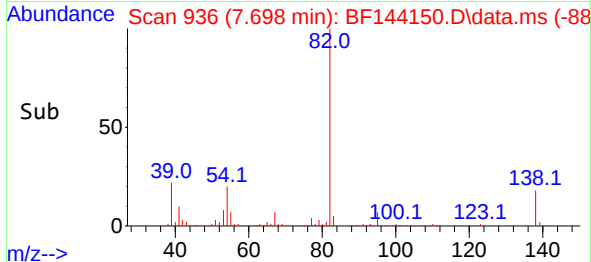
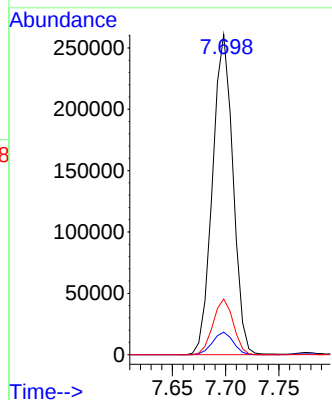
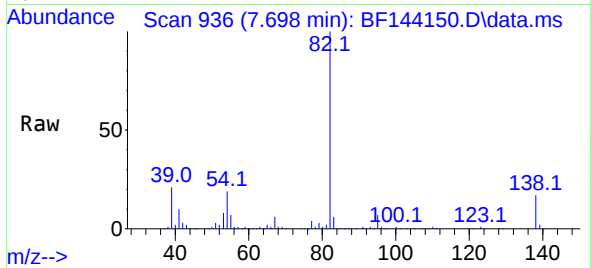




#25  
Isophorone  
Concen: 45.314 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

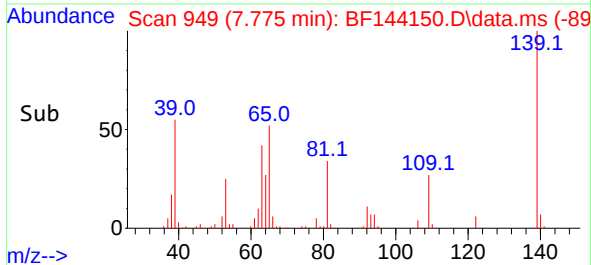
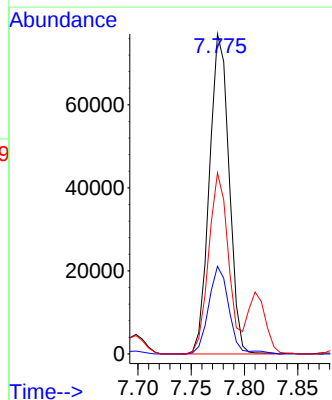
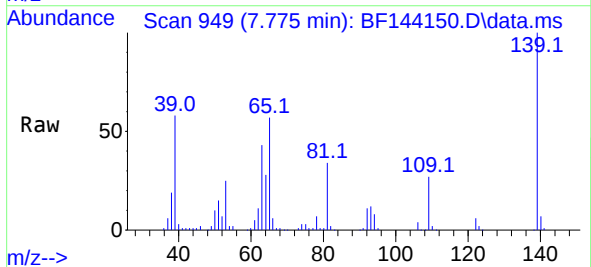
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

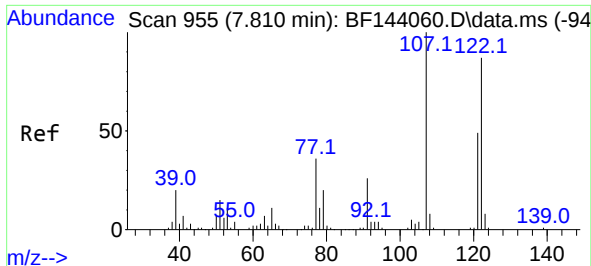
Tgt Ion: 82 Resp: 347779  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.6 9.8  
138 17.4 13.8 20.8



#26  
2-Nitrophenol  
Concen: 44.840 ng  
RT: 7.775 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:139 Resp: 99058  
Ion Ratio Lower Upper  
139 100  
109 27.4 24.6 37.0  
65 56.6 46.6 69.8

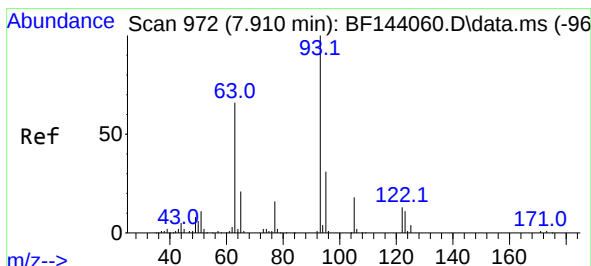
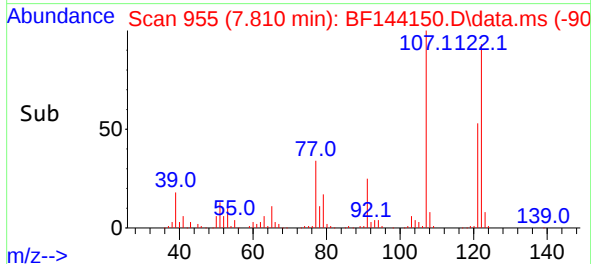
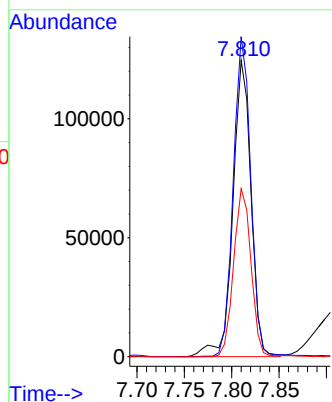
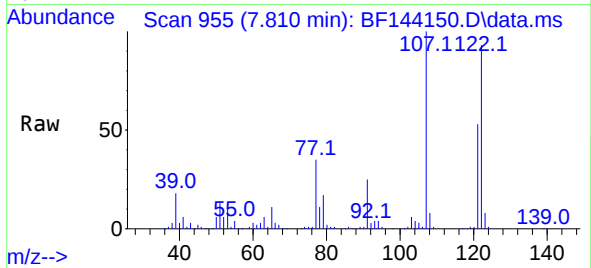




#27  
2,4-Dimethylphenol  
Concen: 50.403 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

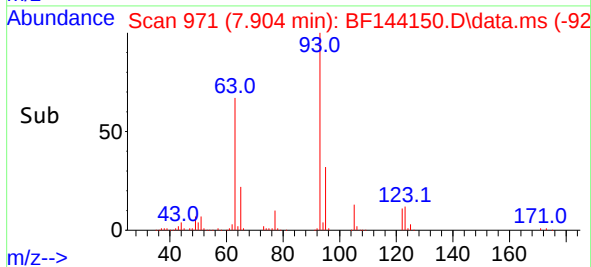
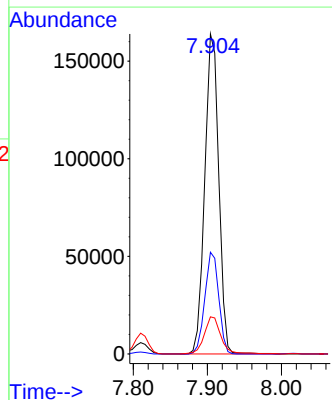
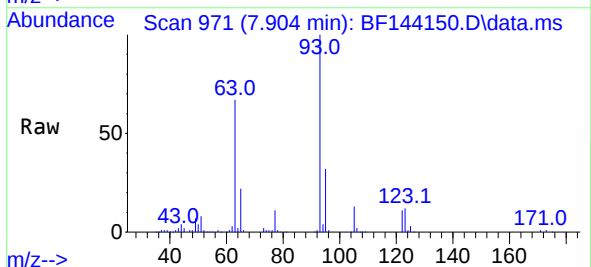
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

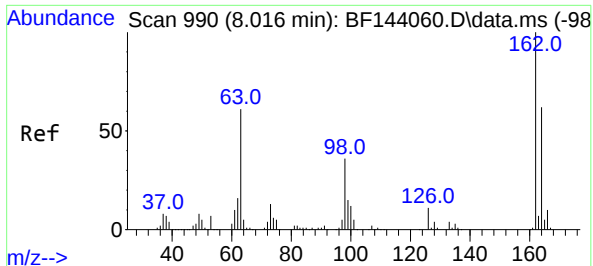
Tgt Ion:122 Resp: 165469  
Ion Ratio Lower Upper  
122 100  
107 108.0 91.8 137.8  
121 56.7 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.884 ng  
RT: 7.904 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 93 Resp: 214826  
Ion Ratio Lower Upper  
93 100  
95 31.8 24.6 36.8  
123 11.6 9.1 13.7

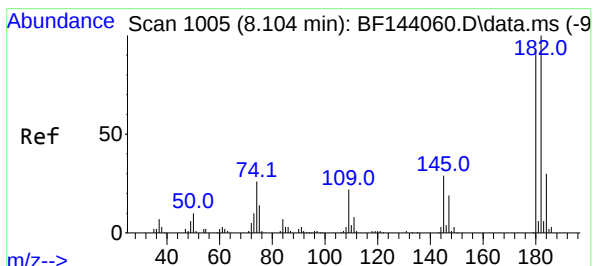
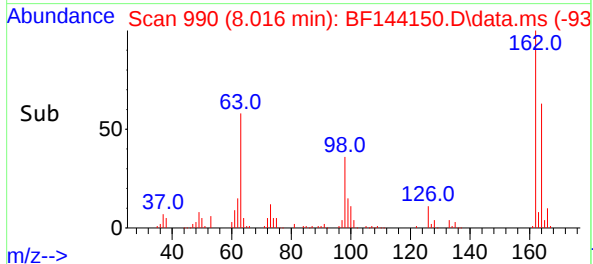
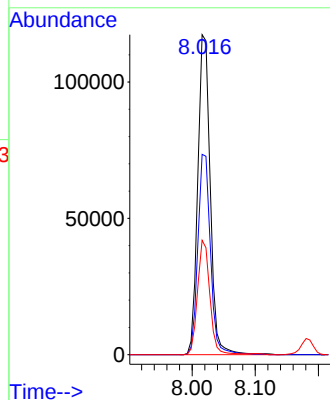
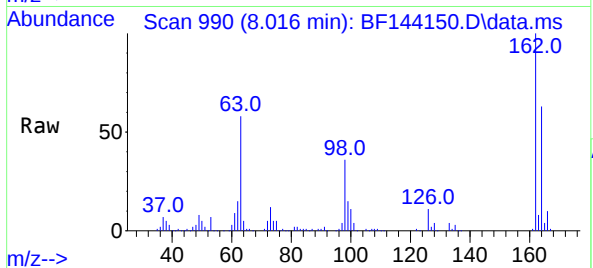




#29  
2,4-Dichlorophenol  
Concen: 42.118 ng  
RT: 8.016 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

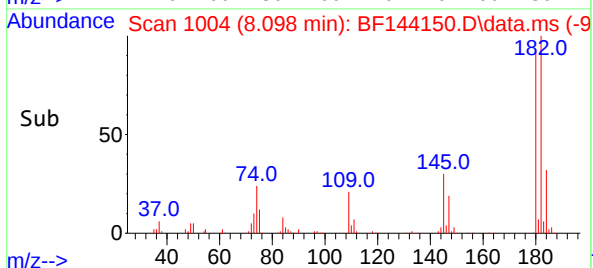
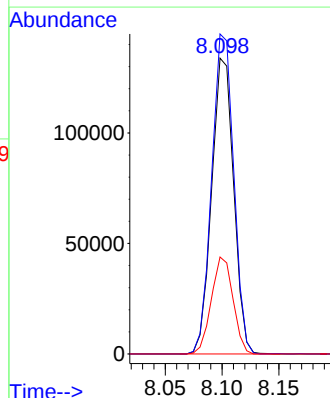
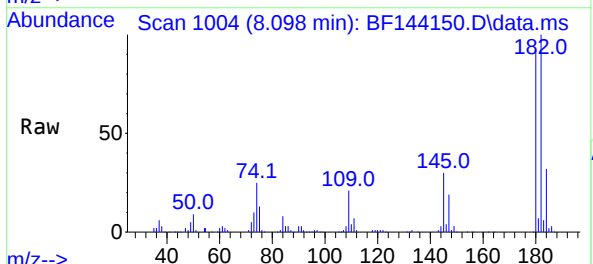
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

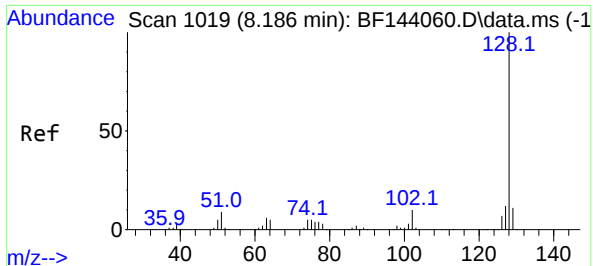
Tgt Ion:162 Resp: 160797  
Ion Ratio Lower Upper  
162 100  
164 62.6 42.1 82.1  
98 35.7 16.0 56.0



#30  
1,2,4-Trichlorobenzene  
Concen: 45.966 ng  
RT: 8.098 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:180 Resp: 180536  
Ion Ratio Lower Upper  
180 100  
182 108.2 87.1 130.7  
145 32.8 25.3 37.9

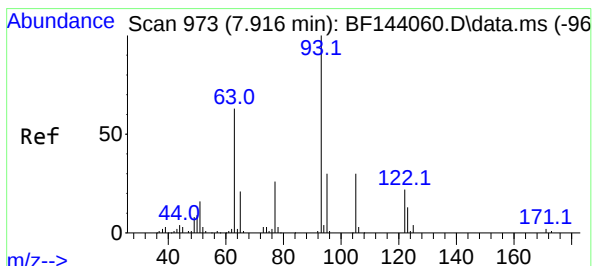
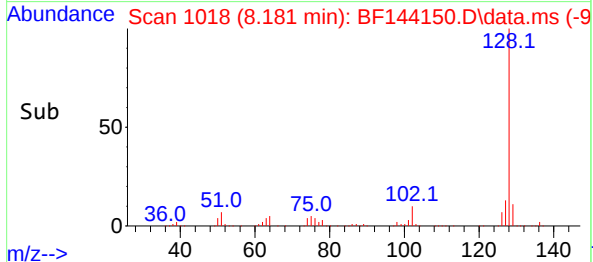
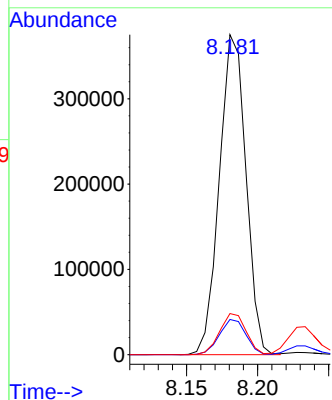
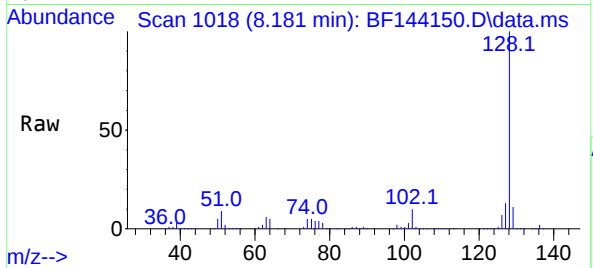




#31  
Naphthalene  
Concen: 43.061 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

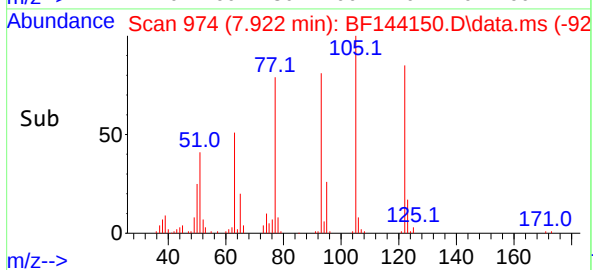
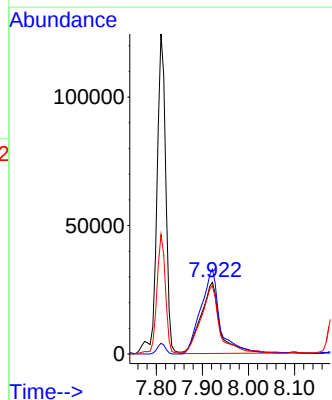
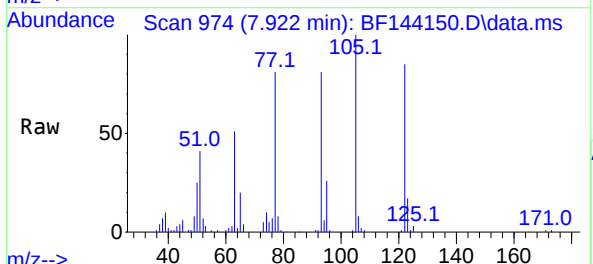
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

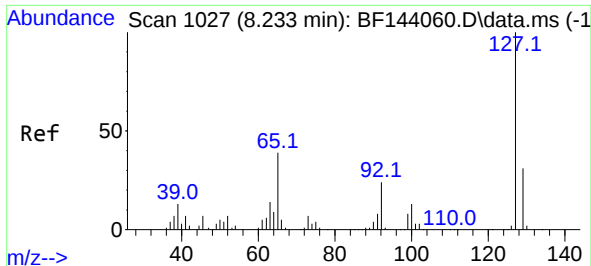
Tgt Ion:128 Resp: 488800  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 12.8 9.9 14.9



#32  
Benzoic acid  
Concen: 38.925 ng  
RT: 7.922 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:122 Resp: 81058  
Ion Ratio Lower Upper  
122 100  
105 118.0 111.3 151.3  
77 95.3 96.7 136.7#



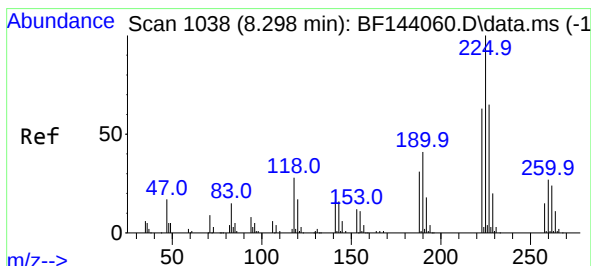
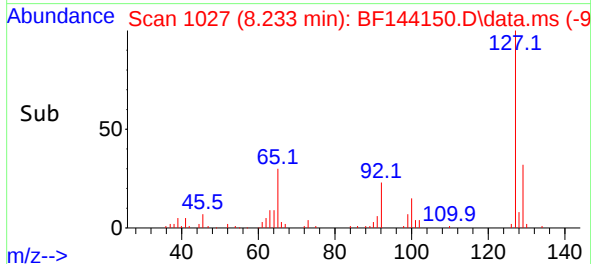
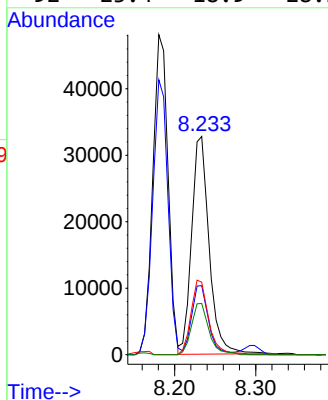
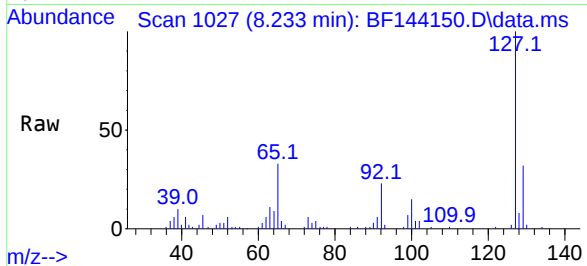


#33  
4-Chloroaniline  
Concen: 12.481 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

Tgt Ion:127 Resp: 49321

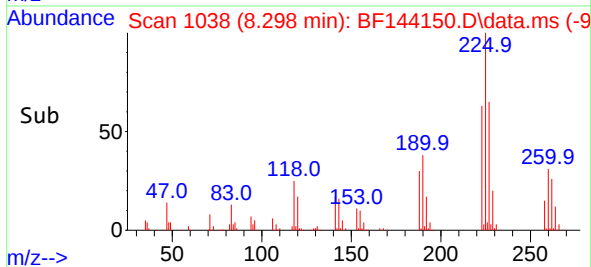
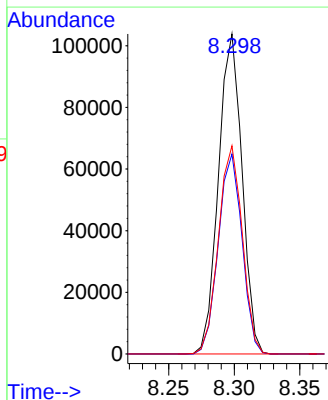
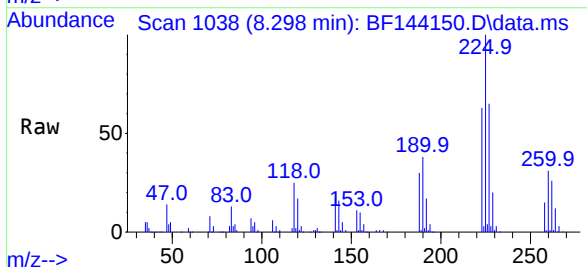
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.6  | 25.6  | 38.4  |
| 65  | 33.2  | 30.9  | 46.3  |
| 92  | 23.4  | 18.9  | 28.3  |

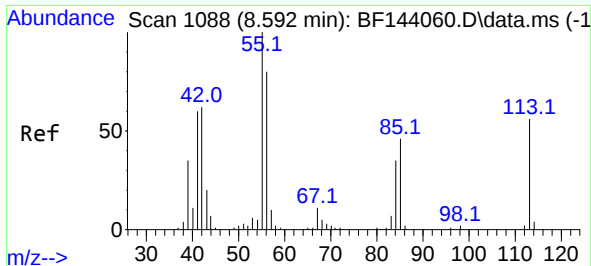


#34  
Hexachlorobutadiene  
Concen: 40.367 ng  
RT: 8.298 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:225 Resp: 129642

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.5  | 50.6  | 76.0  |
| 227 | 65.1  | 51.8  | 77.8  |

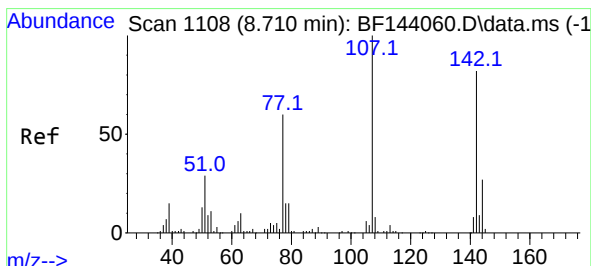
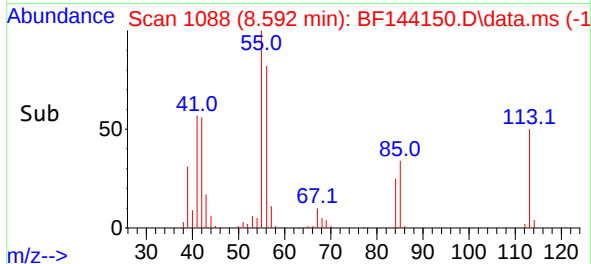
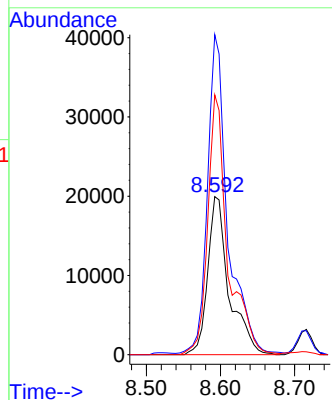
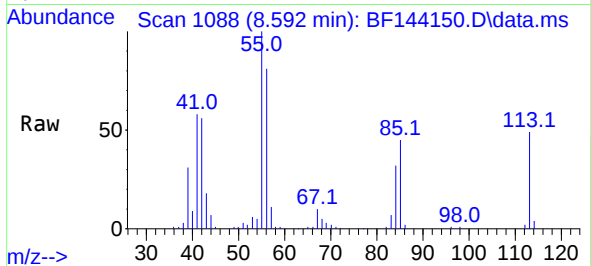




#35  
Caprolactam  
Concen: 41.868 ng  
RT: 8.592 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

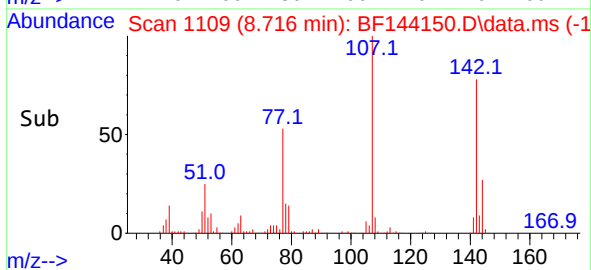
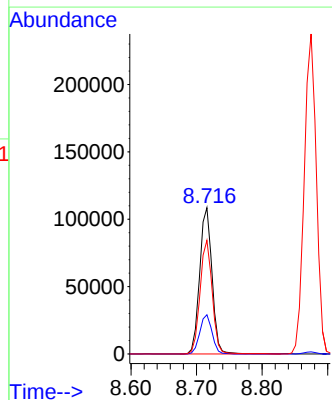
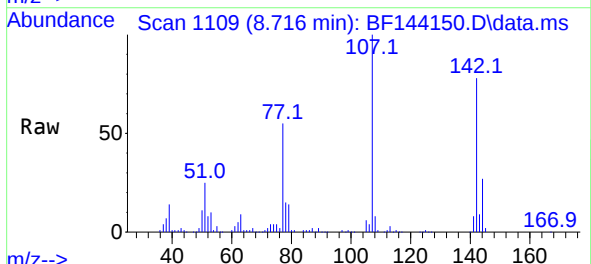
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

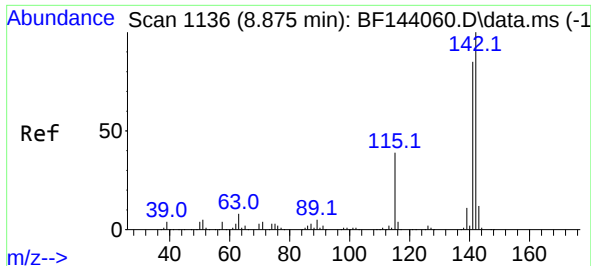
Tgt Ion:113 Resp: 40084  
Ion Ratio Lower Upper  
113 100  
55 202.3 160.1 200.1#  
56 164.2 124.9 164.9



#36  
4-Chloro-3-methylphenol  
Concen: 42.391 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:107 Resp: 142819  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.6 32.4  
142 77.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 40.274 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA\_F

ClientSampleId :

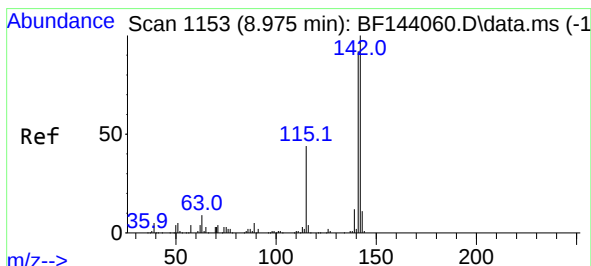
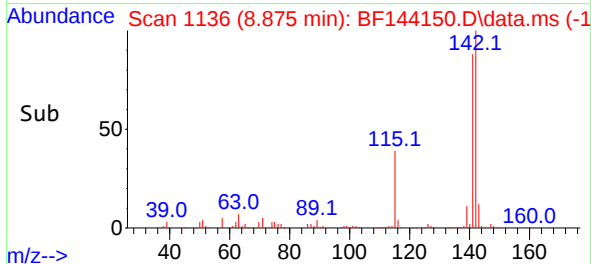
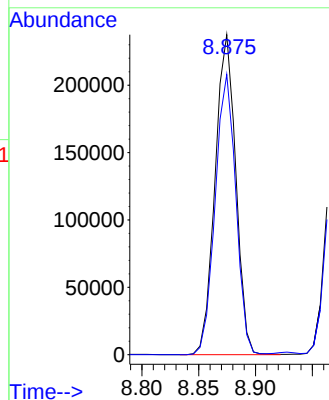
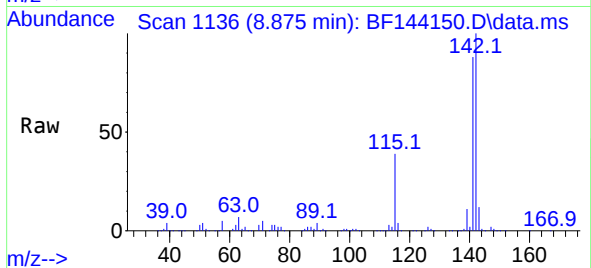
TP5MSD

Tgt Ion:142 Resp: 301414

Ion Ratio Lower Upper

142 100

141 87.6 67.6 101.4



#38

1-Methylnaphthalene

Concen: 42.042 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144150.D

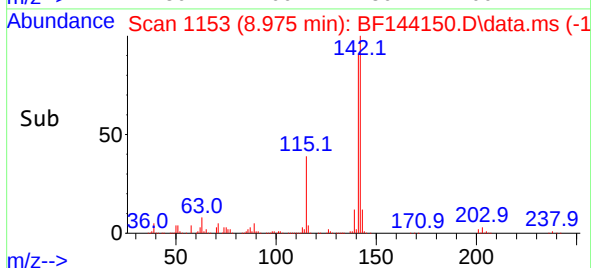
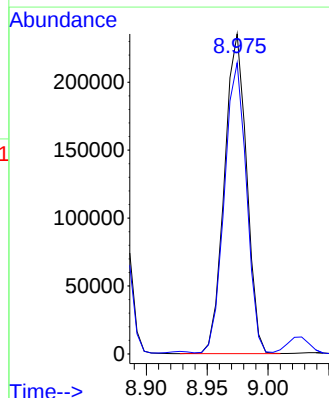
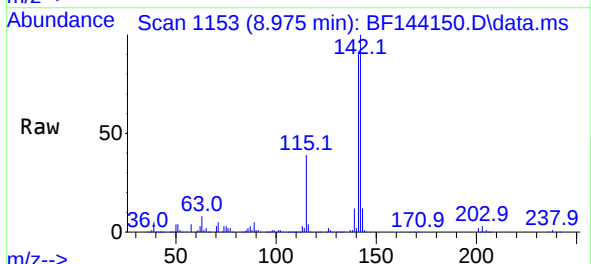
Acq: 30 Oct 2025 20:05

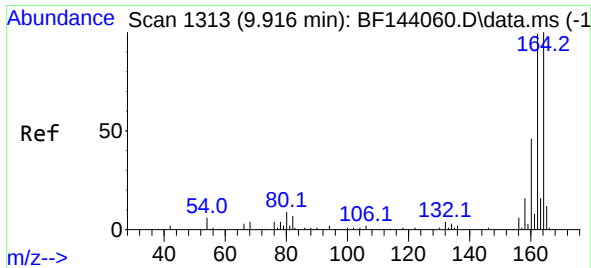
Tgt Ion:142 Resp: 298099

Ion Ratio Lower Upper

142 100

141 91.0 73.4 110.2

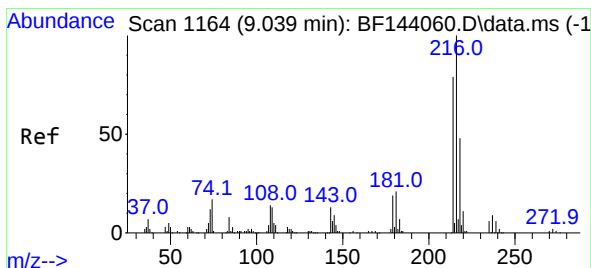
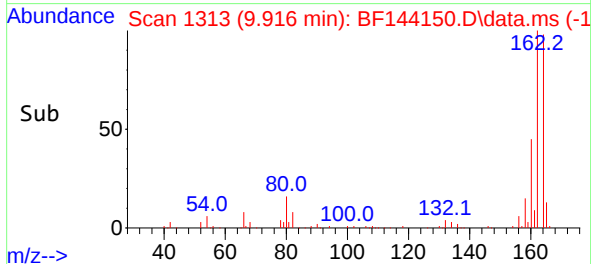
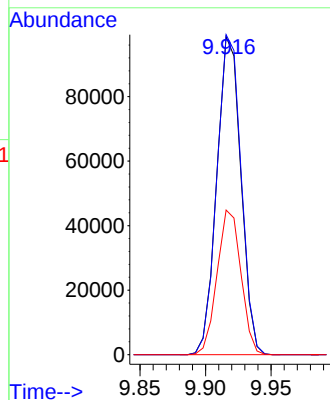
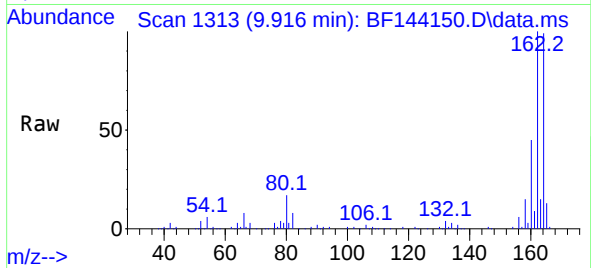




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

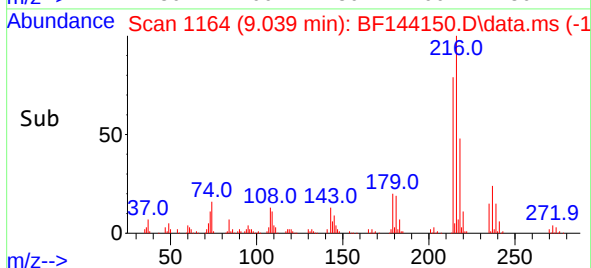
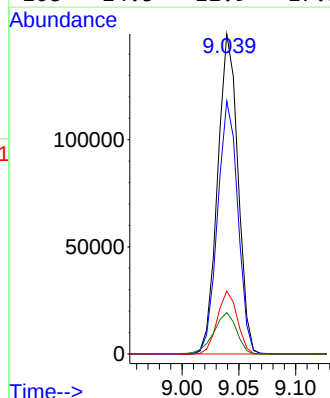
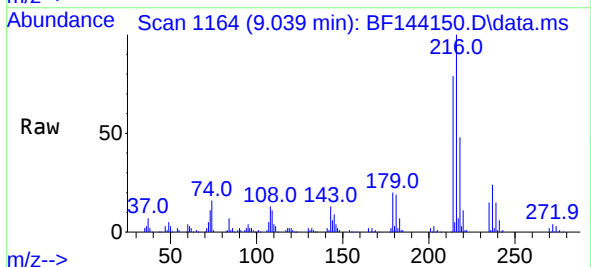
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

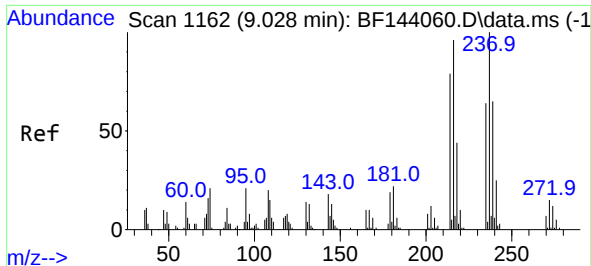
Tgt Ion:164 Resp: 125865  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.4 119.2  
160 45.5 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.068 ng  
RT: 9.039 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:216 Resp: 186302  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.2 94.8  
179 19.2 15.2 22.8  
108 14.5 11.9 17.9

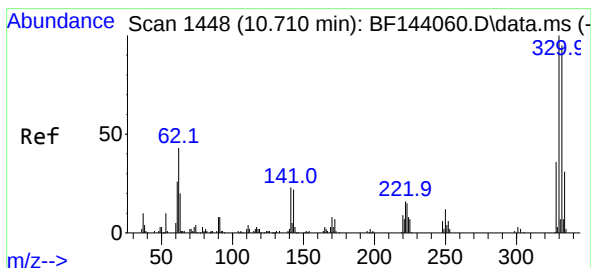
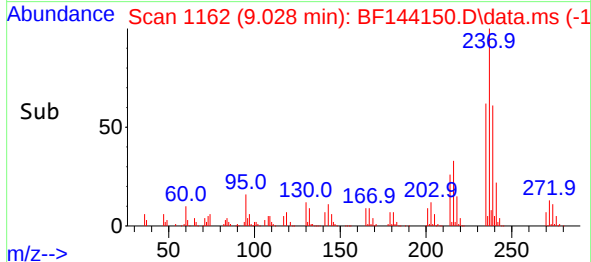
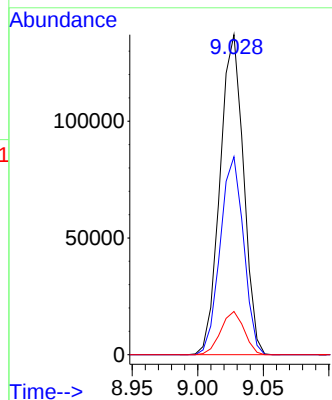
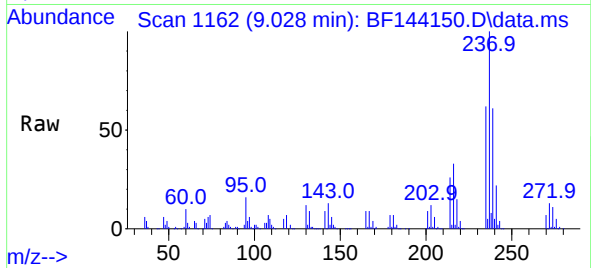




#41  
Hexachlorocyclopentadiene  
Concen: 127.776 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

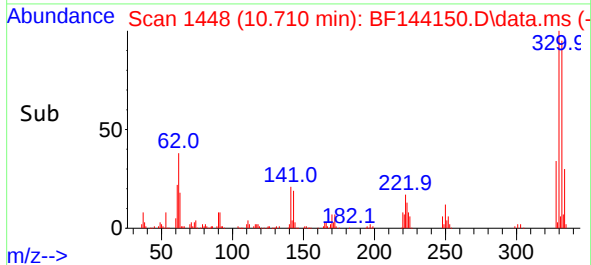
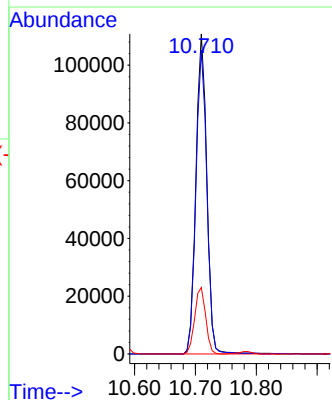
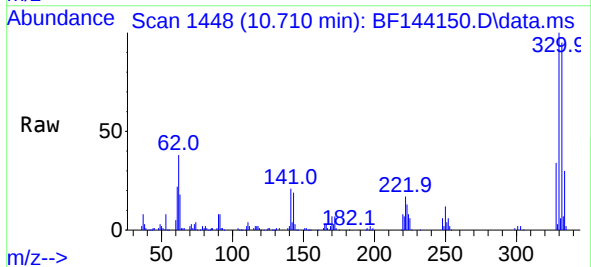
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

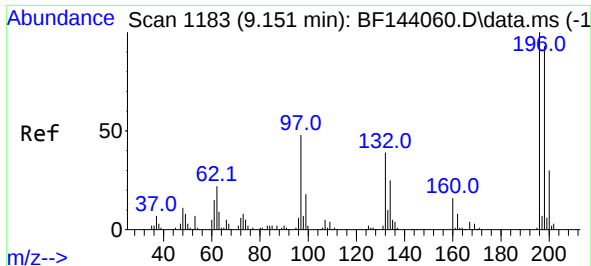
Tgt Ion:237 Resp: 170716  
Ion Ratio Lower Upper  
237 100  
235 61.9 44.3 84.3  
272 13.5 0.0 35.2



#42  
2,4,6-Tribromophenol  
Concen: 86.238 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:330 Resp: 138264  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.0 115.6  
141 20.8 19.4 29.0

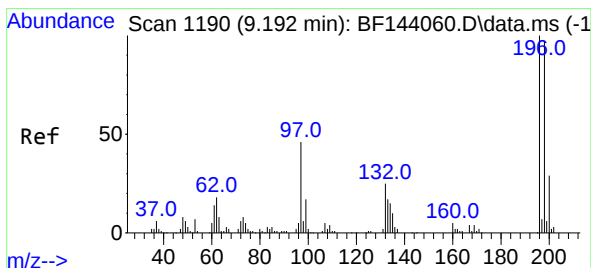
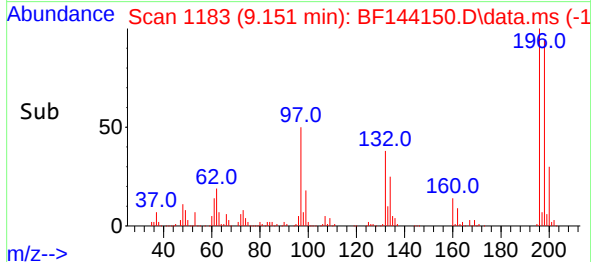
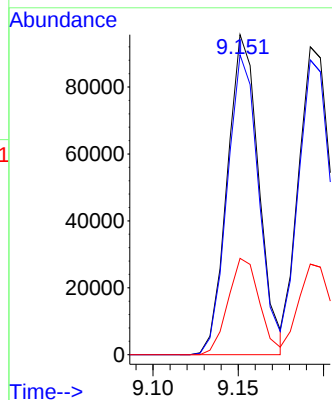
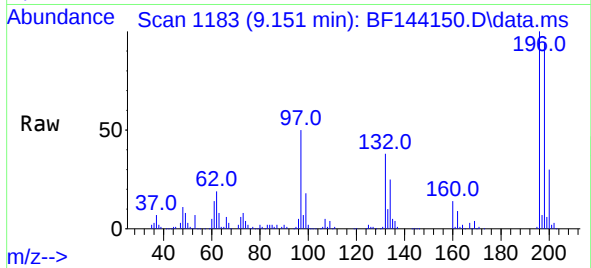




#43  
2,4,6-Trichlorophenol  
Concen: 43.736 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

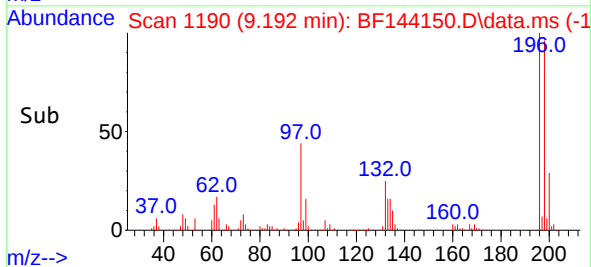
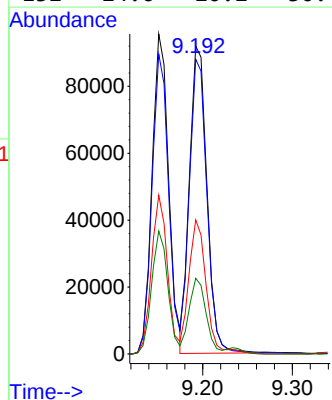
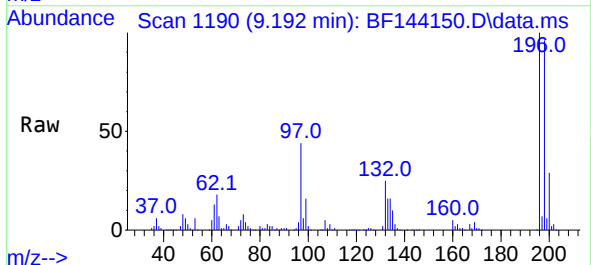
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

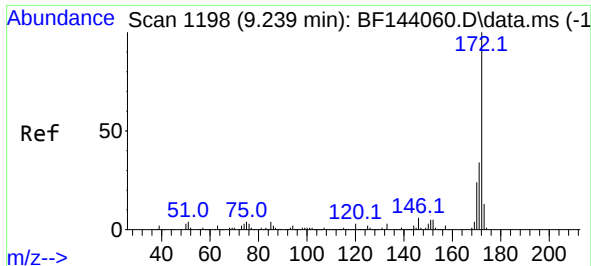
Tgt Ion:196 Resp: 122972  
Ion Ratio Lower Upper  
196 100  
198 93.7 74.4 111.6  
200 30.1 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 42.258 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:196 Resp: 124697  
Ion Ratio Lower Upper  
196 100  
198 95.7 78.0 117.0  
97 43.5 37.7 56.5  
132 24.6 20.2 30.4

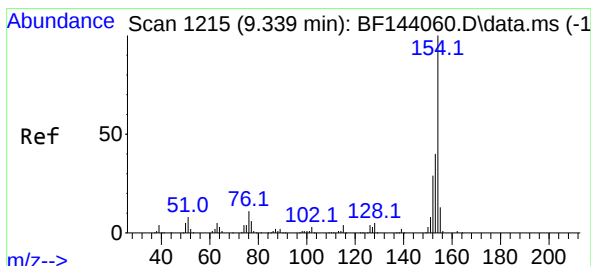
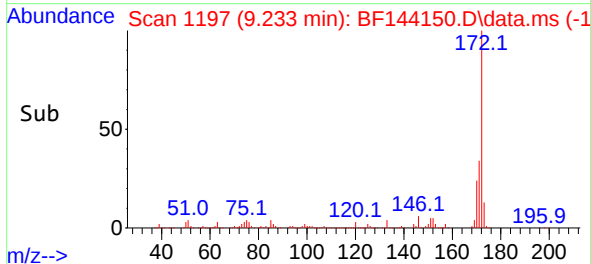
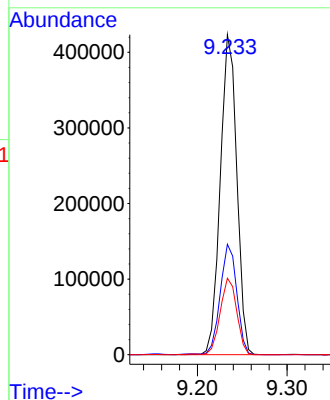
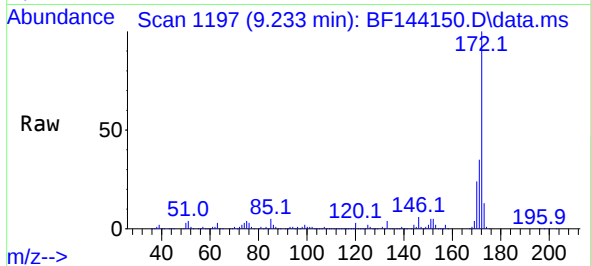




#45  
2-Fluorobiphenyl  
Concen: 60.452 ng  
RT: 9.233 min Scan# 1198  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

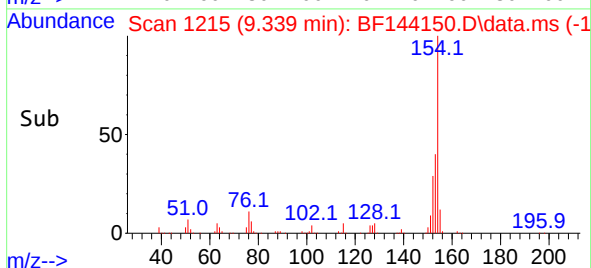
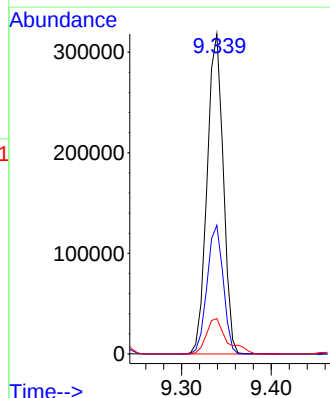
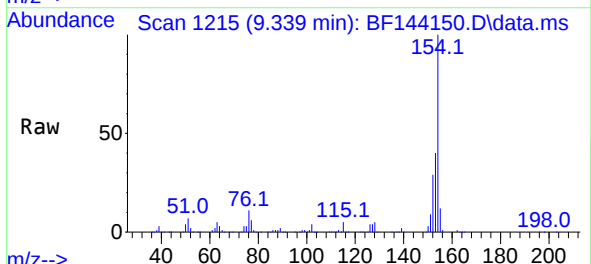
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

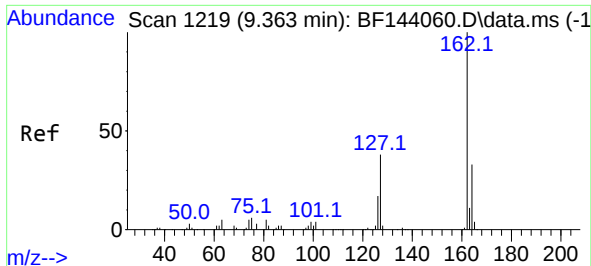
Tgt Ion:172 Resp: 540695  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.5 41.3  
170 23.9 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 44.162 ng  
RT: 9.339 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:154 Resp: 397895  
Ion Ratio Lower Upper  
154 100  
153 40.2 19.7 59.7  
76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.053 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA\_F

ClientSampleId :

TP5MSD

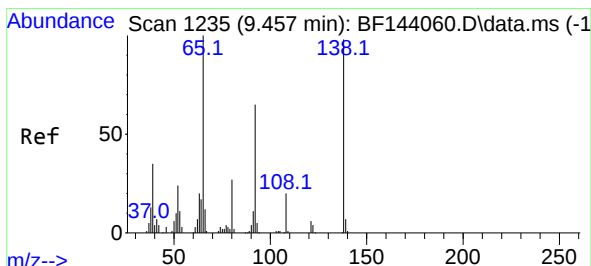
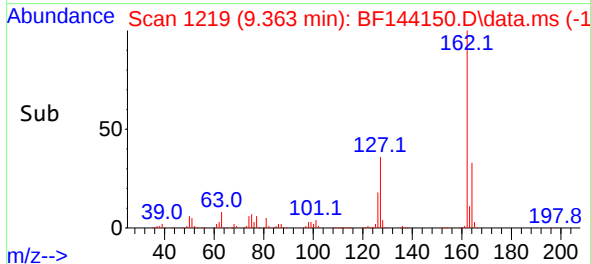
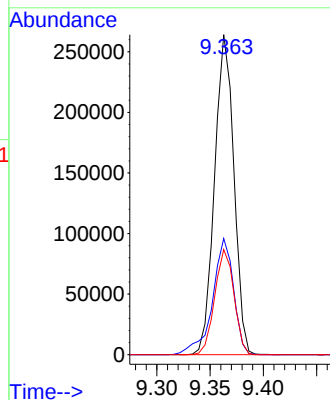
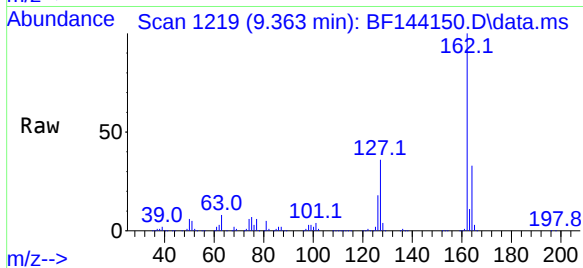
Tgt Ion:162 Resp: 332525

Ion Ratio Lower Upper

162 100

127 36.3 31.6 47.4

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 41.542 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

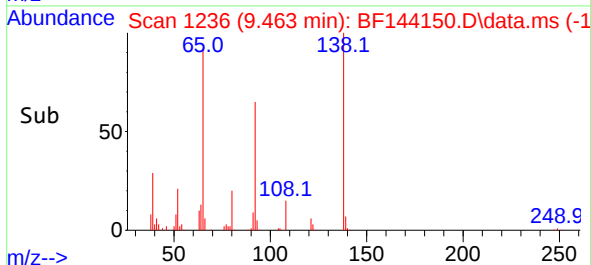
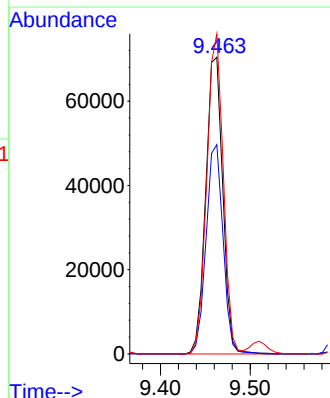
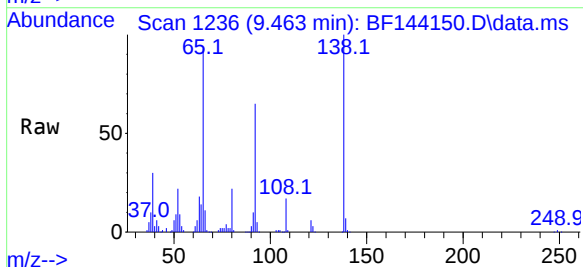
Tgt Ion: 65 Resp: 93115

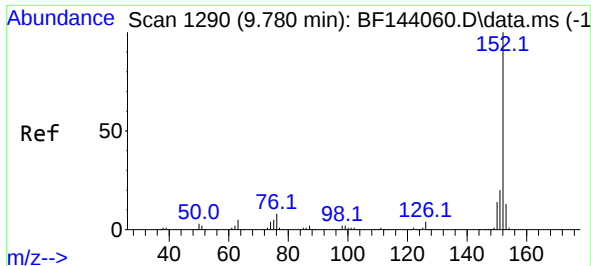
Ion Ratio Lower Upper

65 100

92 70.5 52.3 78.5

138 107.8 78.3 117.5

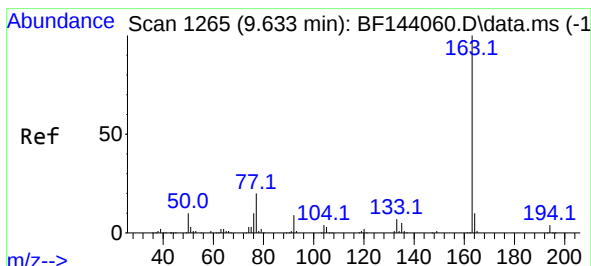
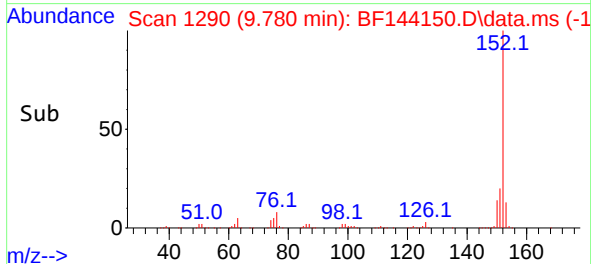
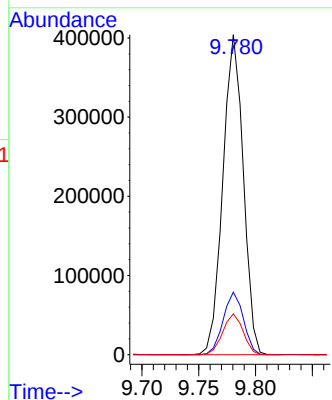
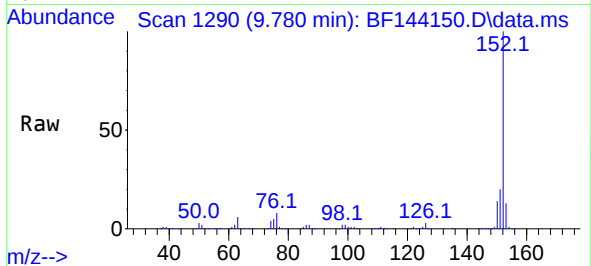




#49  
Acenaphthylene  
Concen: 49.653 ng  
RT: 9.780 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

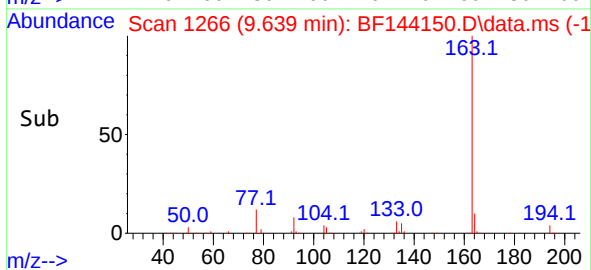
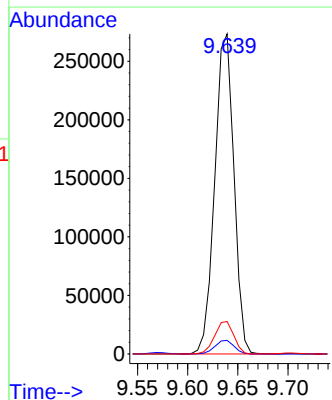
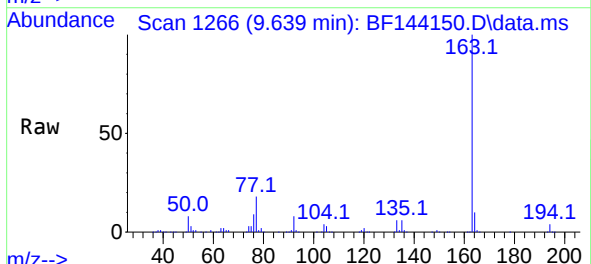
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

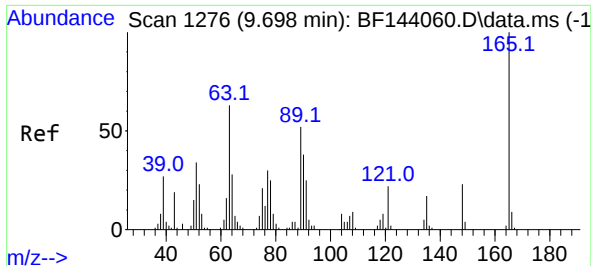
Tgt Ion:152 Resp: 505367  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.9 23.9  
153 12.7 10.4 15.6



#50  
Dimethylphthalate  
Concen: 43.860 ng  
RT: 9.639 min Scan# 1266  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:163 Resp: 361858  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.1 7.8 11.8

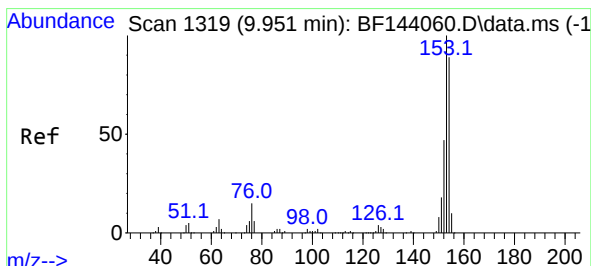
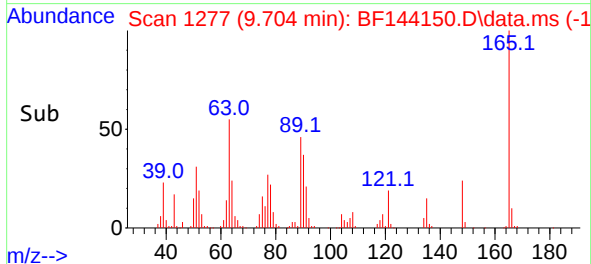
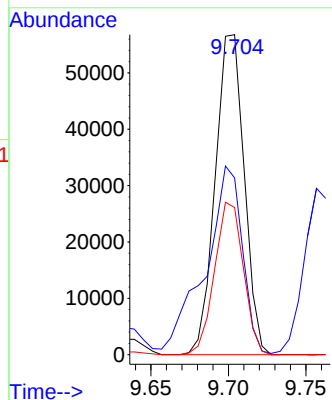
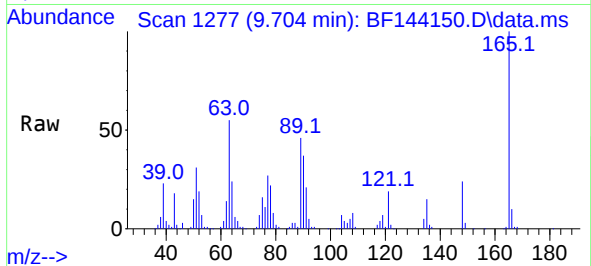




#51  
2,6-Dinitrotoluene  
Concen: 45.356 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

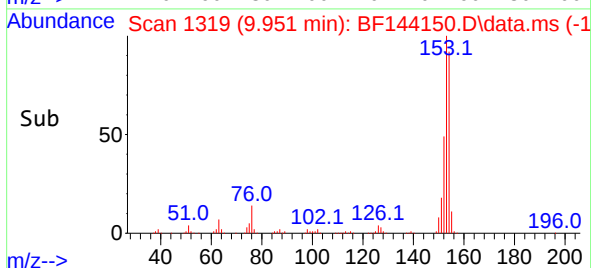
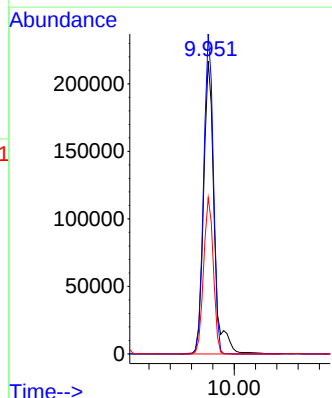
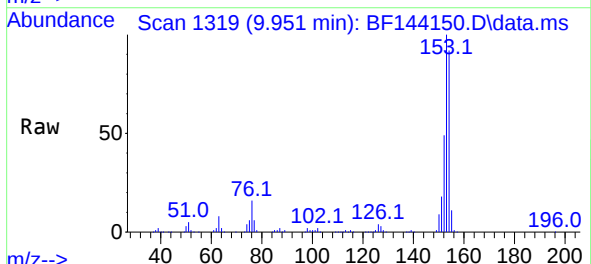
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

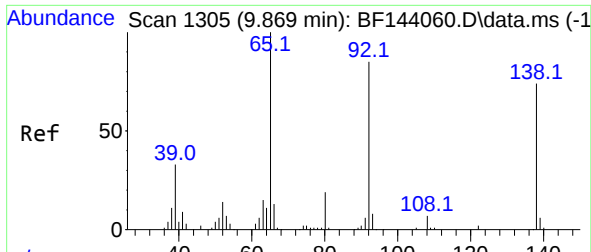
Tgt Ion:165 Resp: 73975  
Ion Ratio Lower Upper  
165 100  
63 55.2 50.4 75.6  
89 46.0 41.4 62.2



#52  
Acenaphthene  
Concen: 43.936 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

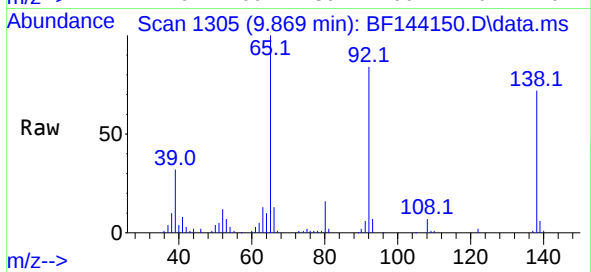
Tgt Ion:154 Resp: 298642  
Ion Ratio Lower Upper  
154 100  
153 109.2 89.9 134.9  
152 53.3 42.0 63.0



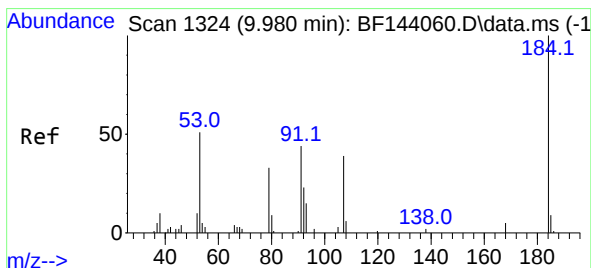
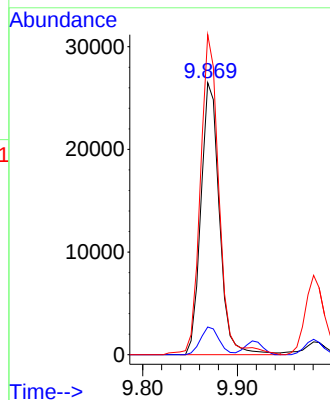
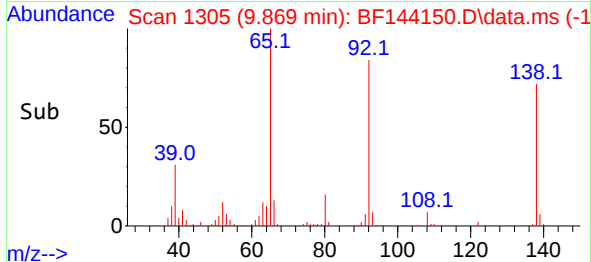


#53  
3-Nitroaniline  
Concen: 19.858 ng  
RT: 9.869 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

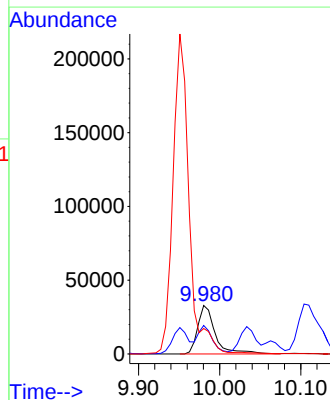
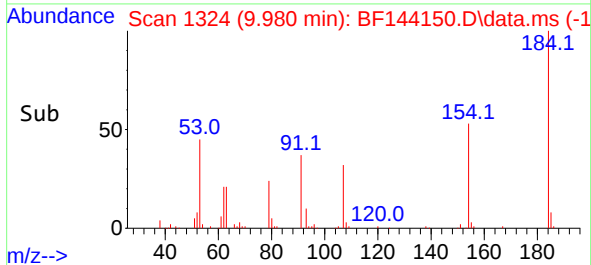
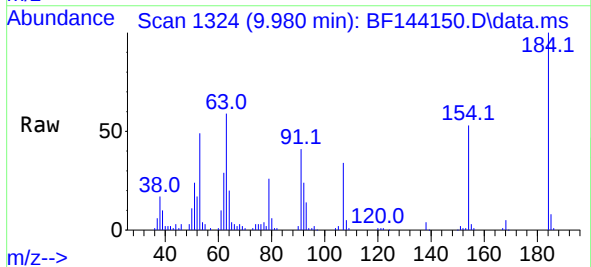


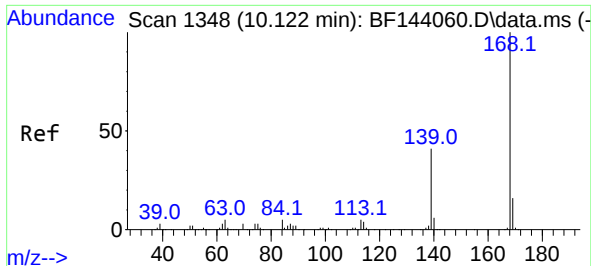
Tgt Ion:138 Resp: 36010  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.9 11.9  
92 117.7 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 56.153 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:184 Resp: 49535  
Ion Ratio Lower Upper  
184 100  
63 58.7 52.1 78.1  
154 52.7 47.9 71.9

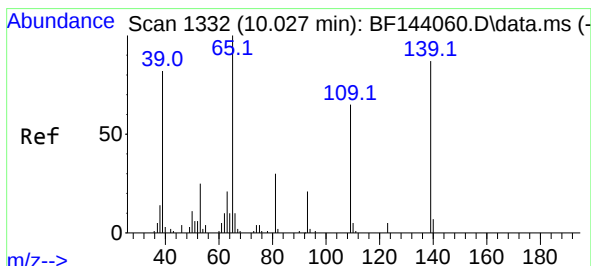
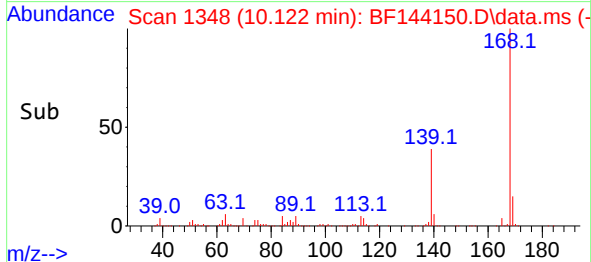
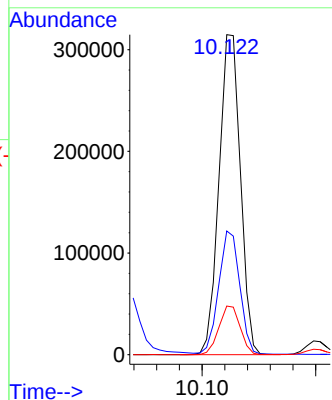
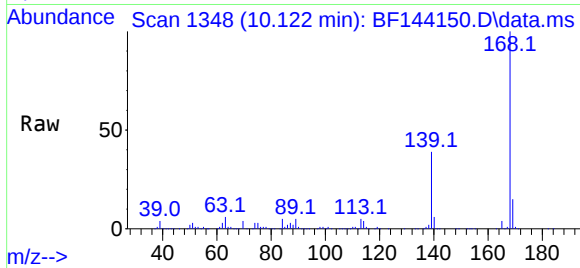




#55  
Dibenzofuran  
Concen: 43.748 ng  
RT: 10.122 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

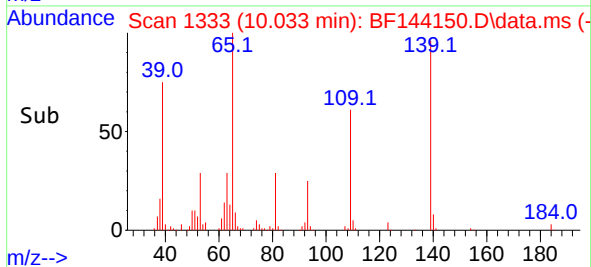
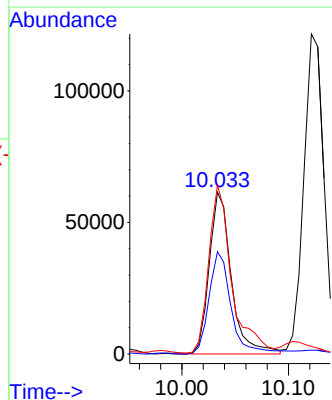
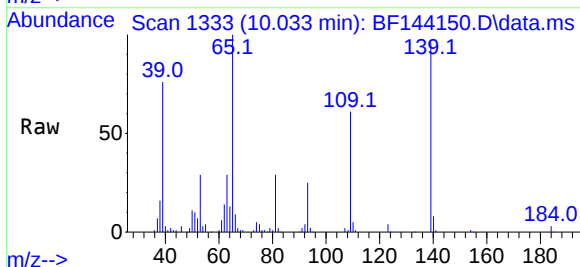
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

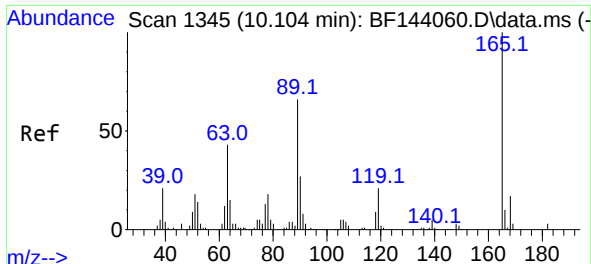
Tgt Ion:168 Resp: 412826  
Ion Ratio Lower Upper  
168 100  
139 38.6 33.2 49.8  
169 15.2 12.6 19.0



#56  
4-Nitrophenol  
Concen: 72.080 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:139 Resp: 88509  
Ion Ratio Lower Upper  
139 100  
109 63.3 53.8 93.8  
65 104.5 95.9 135.9

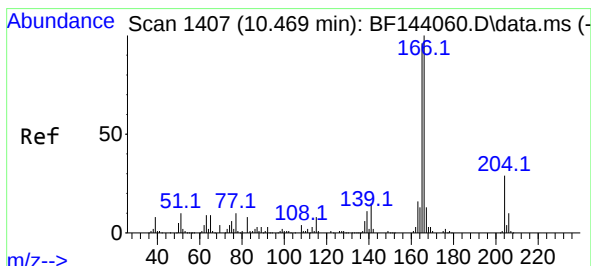
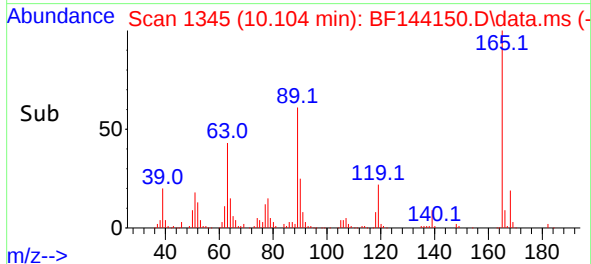
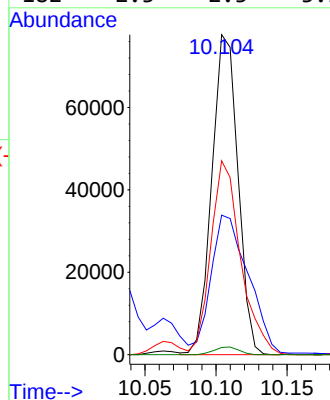
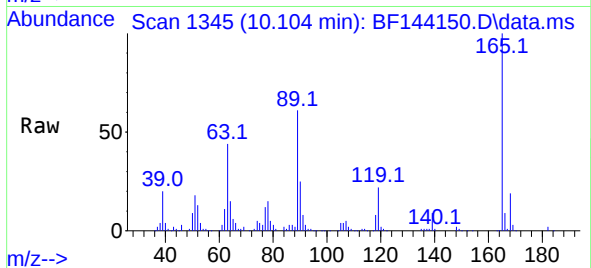




#57  
2,4-Dinitrotoluene  
Concen: 45.096 ng  
RT: 10.104 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

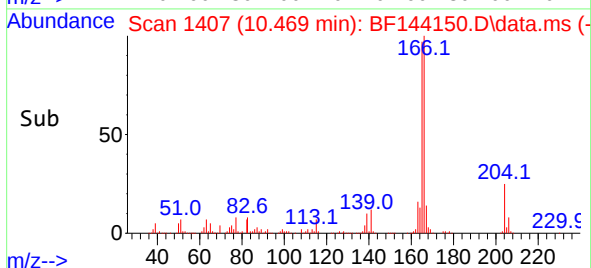
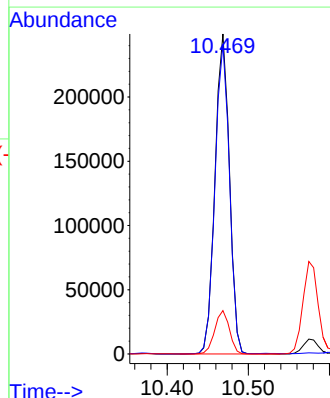
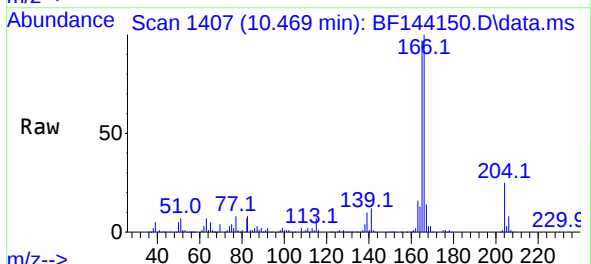
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

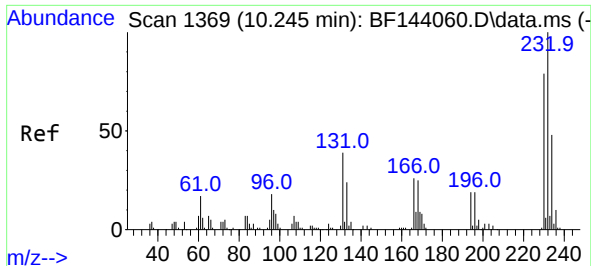
Tgt Ion:165 Resp: 99268  
Ion Ratio Lower Upper  
165 100  
63 43.6 35.4 53.2  
89 60.6 52.7 79.1  
182 2.3 2.3 3.5#



#58  
Fluorene  
Concen: 42.826 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:166 Resp: 307927  
Ion Ratio Lower Upper  
166 100  
165 96.8 77.0 115.4  
167 13.6 10.2 15.4

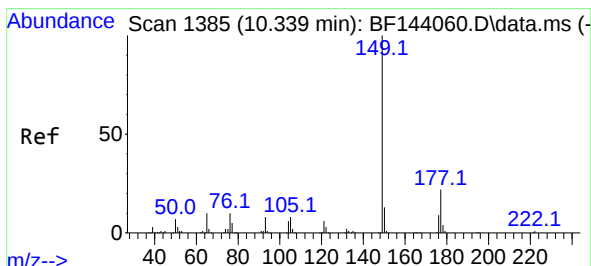
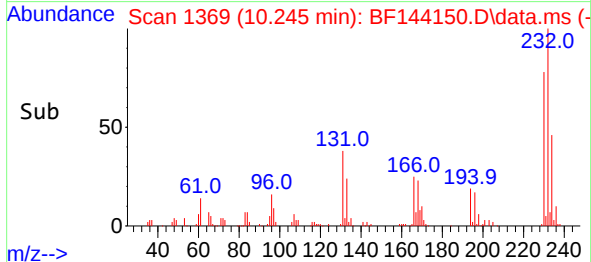
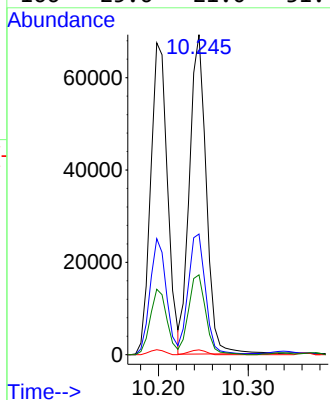
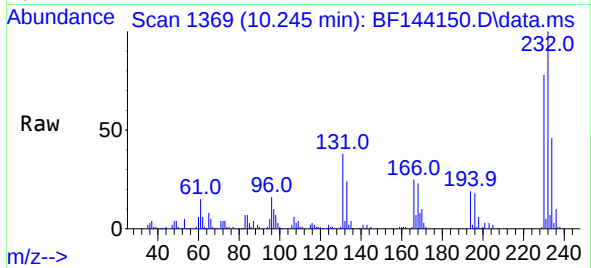




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.126 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

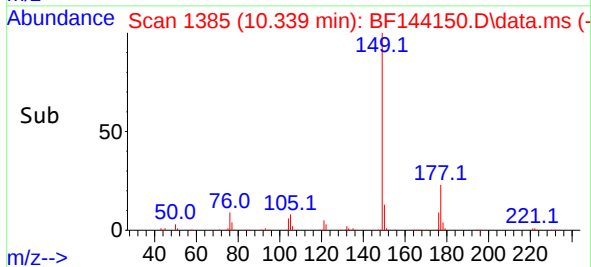
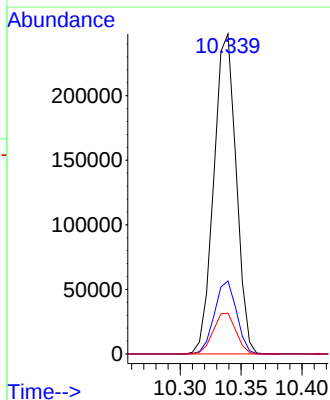
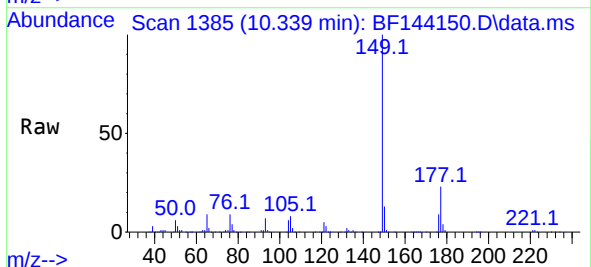
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

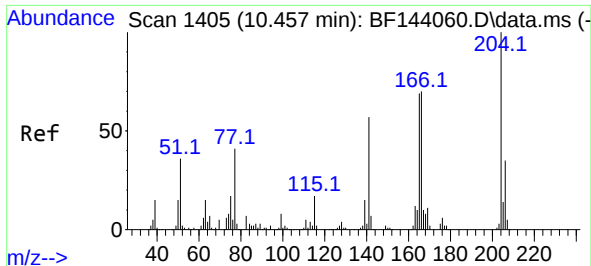
Tgt Ion:232 Resp: 89677  
Ion Ratio Lower Upper  
232 100  
131 39.2 31.9 47.9  
130 1.5 1.1 1.7  
166 25.6 21.0 31.4



#60  
Diethylphthalate  
Concen: 40.846 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 316911  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.8 26.6  
150 12.7 10.1 15.1

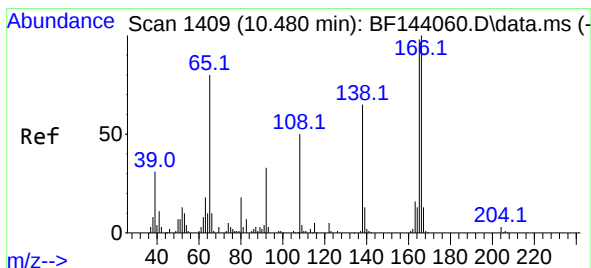
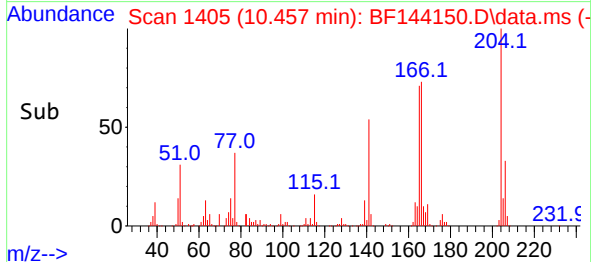
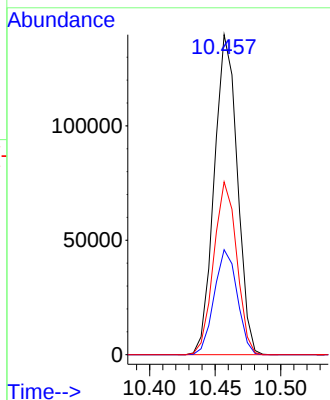
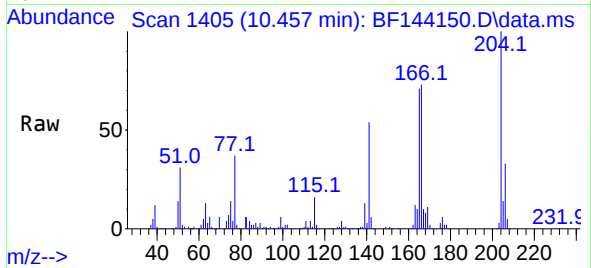




#61  
4-Chlorophenyl-phenylether  
Concen: 42.250 ng  
RT: 10.457 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

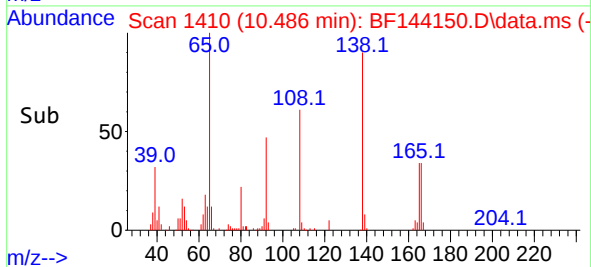
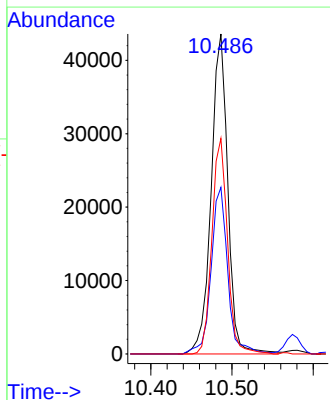
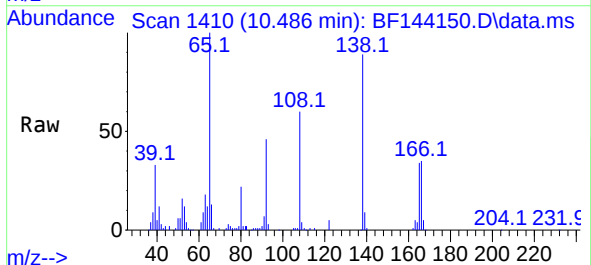
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

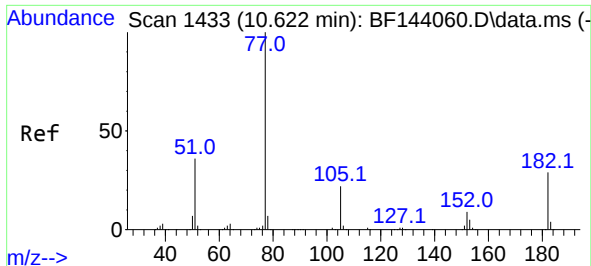
Tgt Ion:204 Resp: 170836  
Ion Ratio Lower Upper  
204 100  
206 32.8 27.8 41.6  
141 54.0 45.4 68.2



#62  
4-Nitroaniline  
Concen: 36.159 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:138 Resp: 62127  
Ion Ratio Lower Upper  
138 100  
92 52.0 30.5 70.5  
108 67.4 56.2 96.2



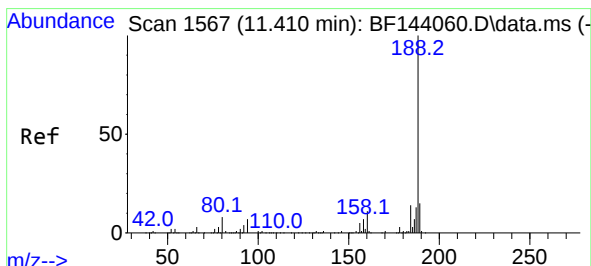
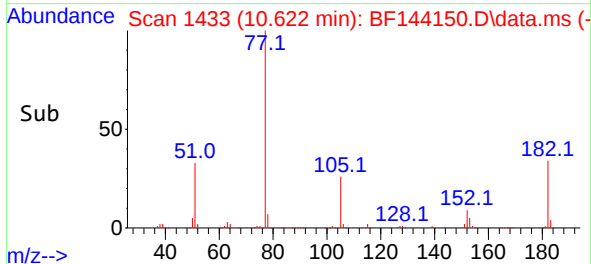
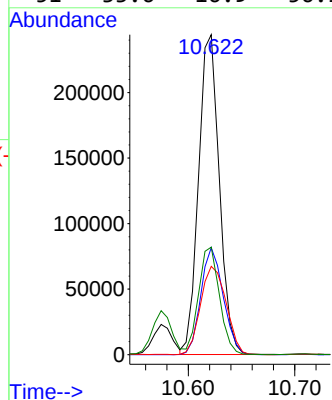
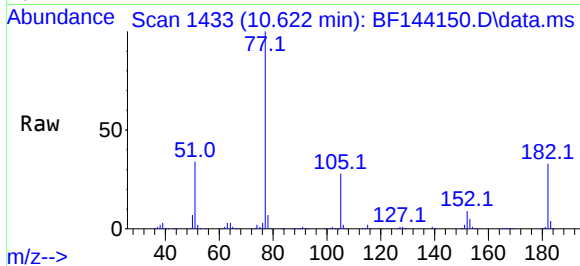


#63  
Azobenzene  
Concen: 45.177 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

Tgt Ion: 77 Resp: 331758

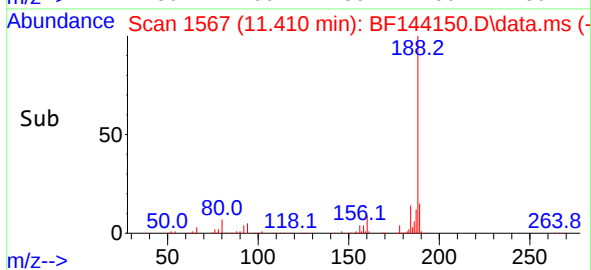
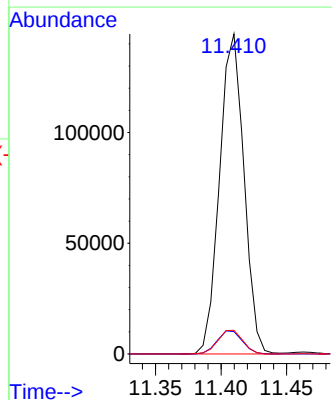
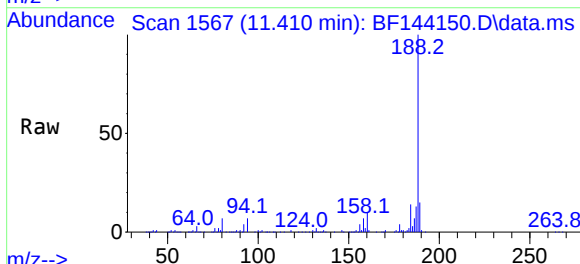
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 33.5  | 9.0   | 49.0  |
| 105 | 27.6  | 1.4   | 41.4  |
| 51  | 33.6  | 16.9  | 56.9  |

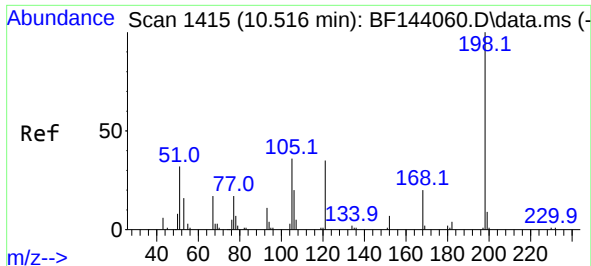


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion: 188 Resp: 186796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.0   | 5.4   | 8.0   |
| 80  | 7.4   | 6.0   | 9.0   |

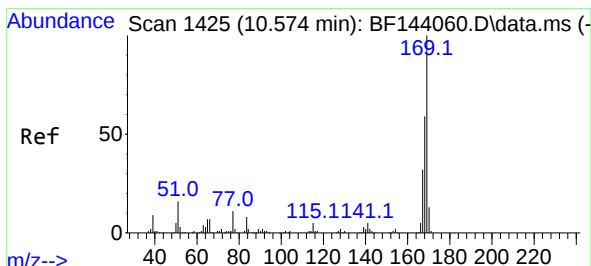
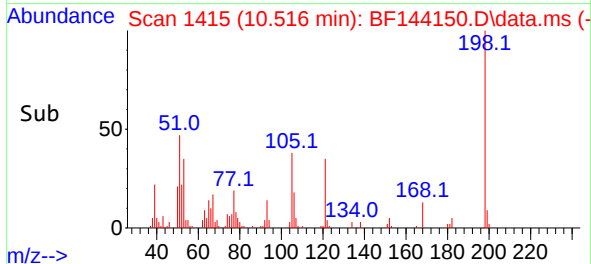
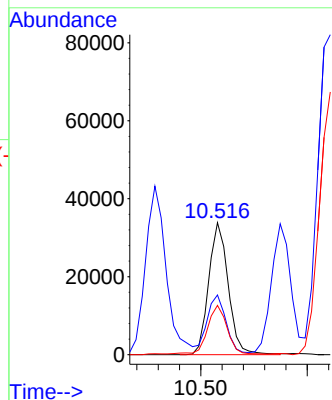
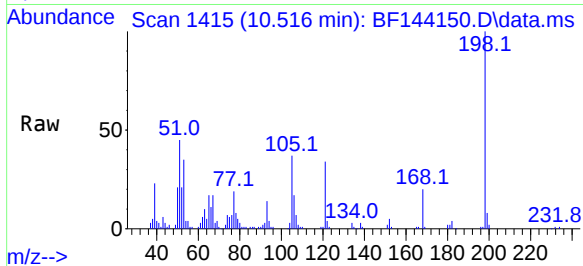




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.042 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

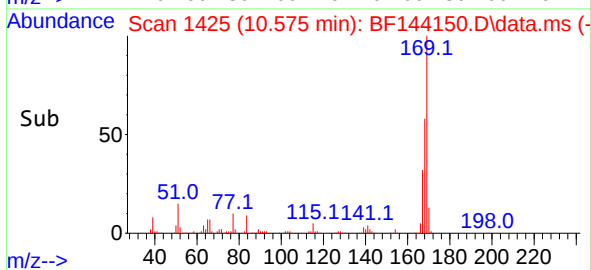
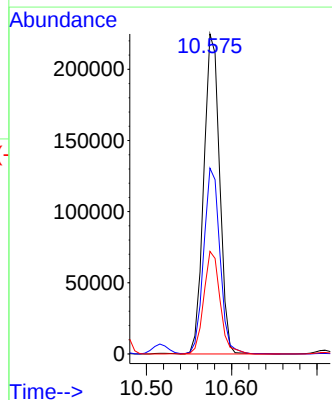
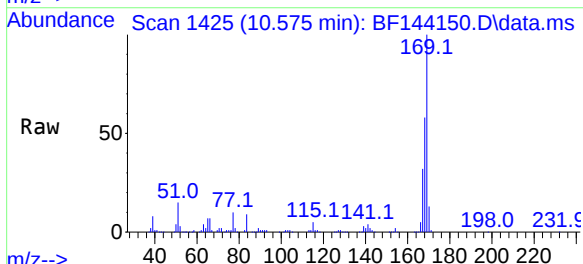
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

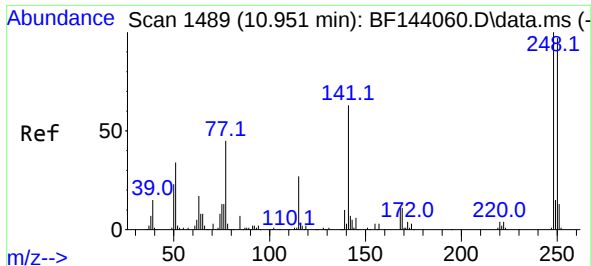
Tgt Ion:198 Resp: 43195  
Ion Ratio Lower Upper  
198 100  
51 45.2 25.8 65.8  
105 37.4 17.2 57.2



#66  
n-Nitrosodiphenylamine  
Concen: 48.438 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:169 Resp: 289087  
Ion Ratio Lower Upper  
169 100  
168 58.0 47.4 71.2  
167 32.0 25.5 38.3

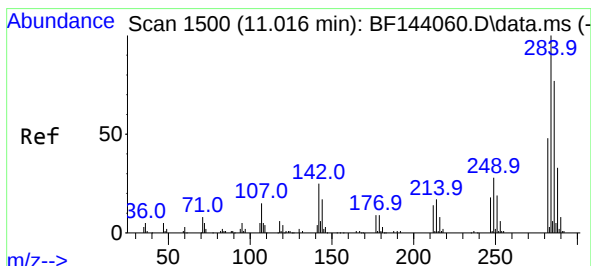
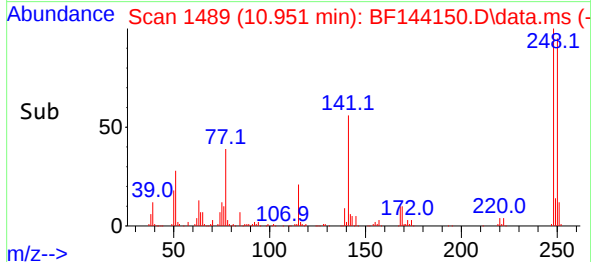
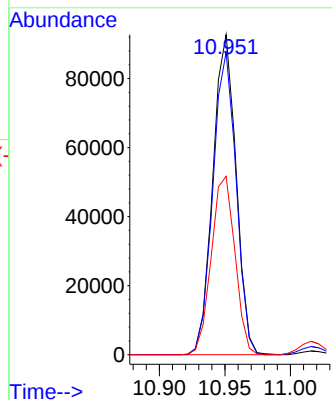
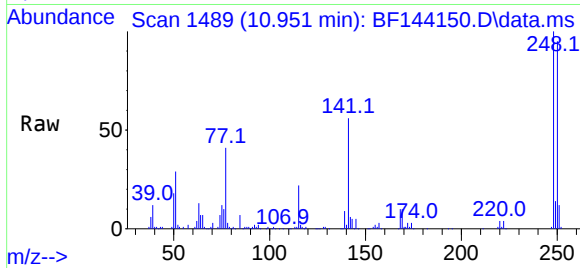




#67  
4-Bromophenyl-phenylether  
Concen: 48.712 ng  
RT: 10.951 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

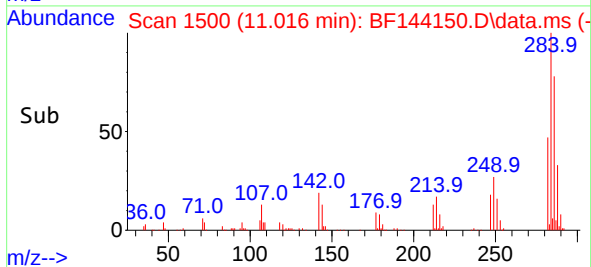
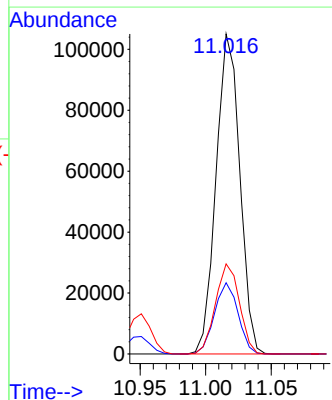
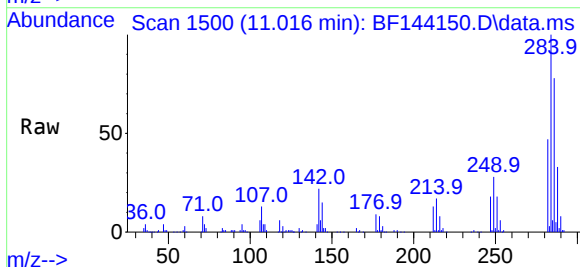
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

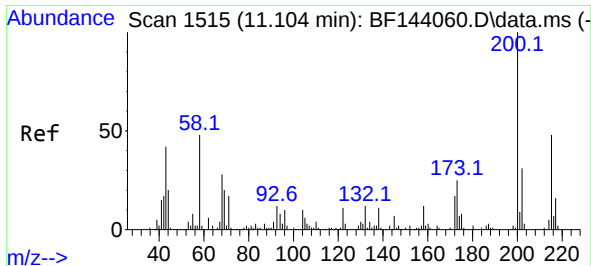
Tgt Ion:248 Resp: 113928  
Ion Ratio Lower Upper  
248 100  
250 94.5 77.8 116.6  
141 55.8 50.5 75.7



#68  
Hexachlorobenzene  
Concen: 46.021 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:284 Resp: 132003  
Ion Ratio Lower Upper  
284 100  
142 22.3 20.0 30.0  
249 28.2 22.2 33.2

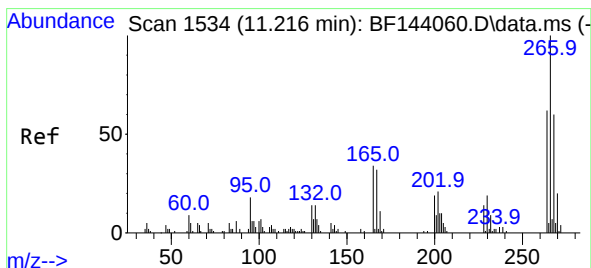
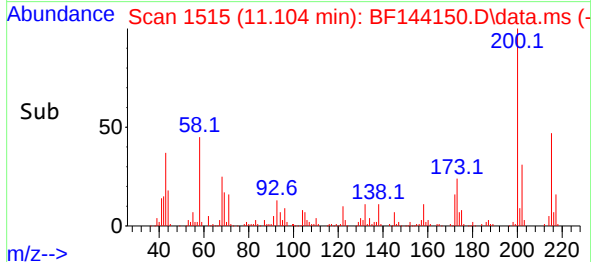
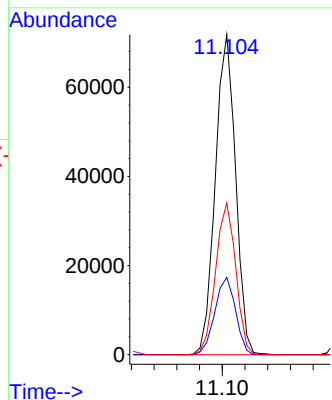
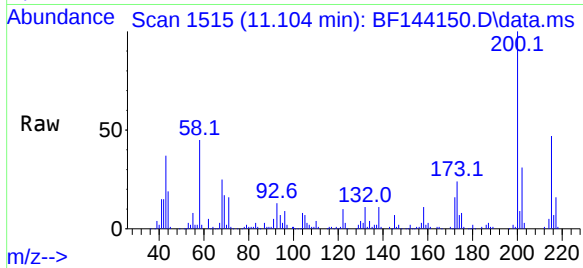




#69  
Atrazine  
Concen: 45.432 ng  
RT: 11.104 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

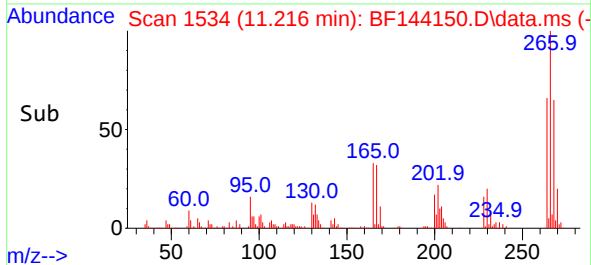
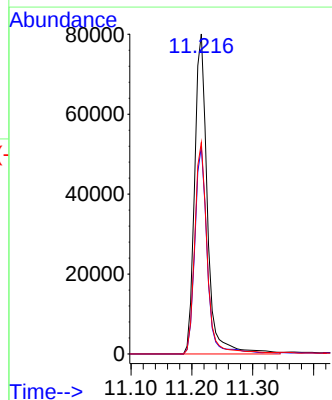
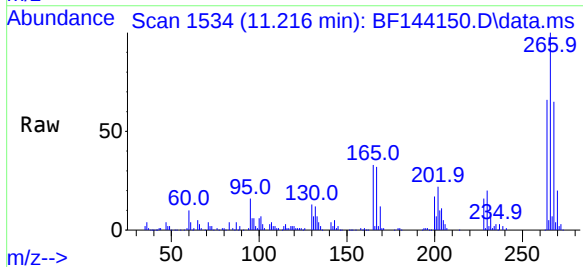
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

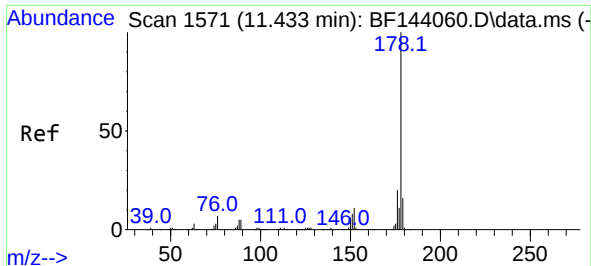
Tgt Ion:200 Resp: 88975  
Ion Ratio Lower Upper  
200 100  
173 24.2 4.9 44.9  
215 47.5 28.2 68.2



#70  
Pentachlorophenol  
Concen: 85.536 ng  
RT: 11.216 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:266 Resp: 116785  
Ion Ratio Lower Upper  
266 100  
268 64.8 48.2 72.4  
264 66.1 49.4 74.0

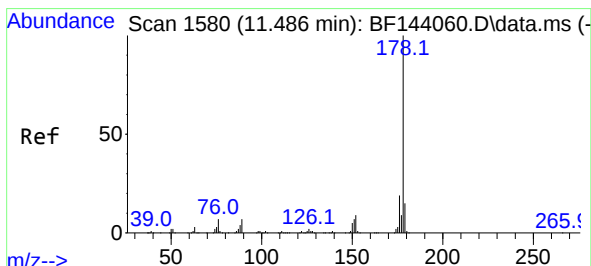
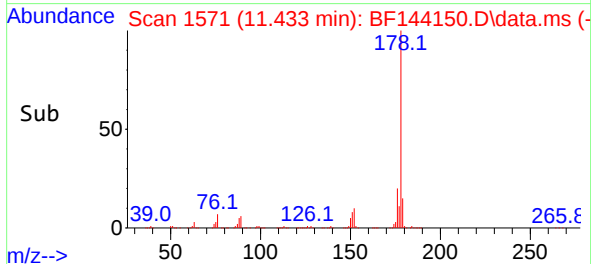
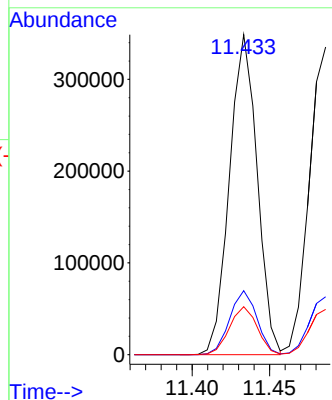
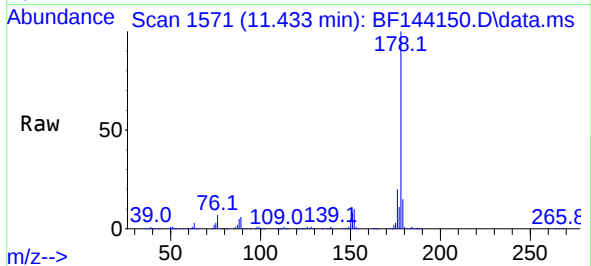




#71  
Phenanthrene  
Concen: 46.698 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

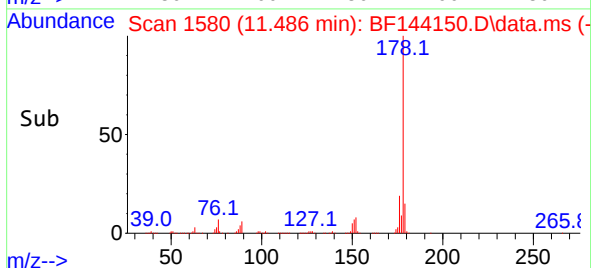
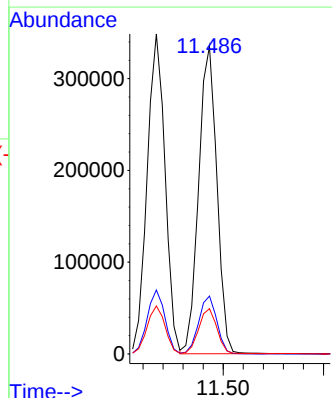
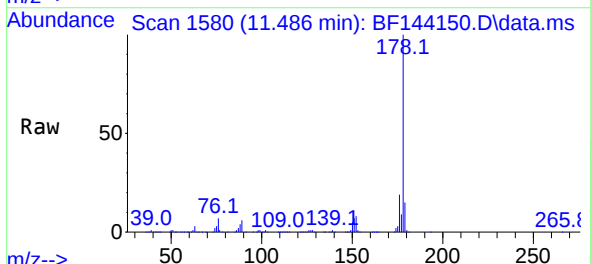
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

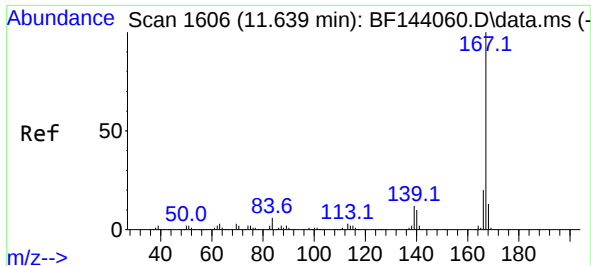
Tgt Ion:178 Resp: 433320  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.3 24.5  
179 15.0 12.6 18.8



#72  
Anthracene  
Concen: 44.287 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:178 Resp: 424515  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 14.7 11.8 17.6



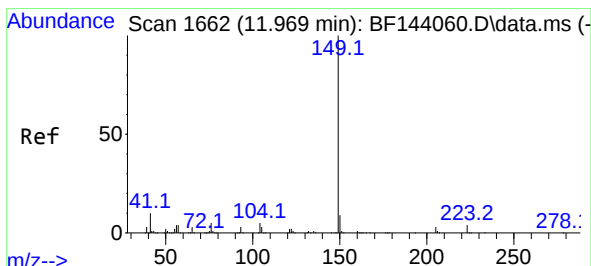
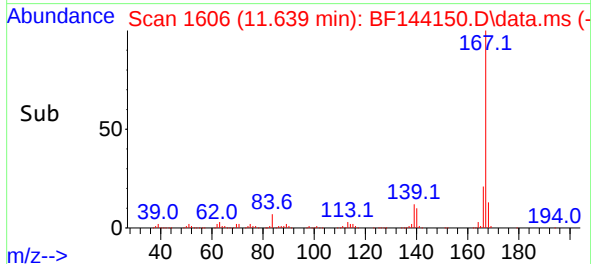
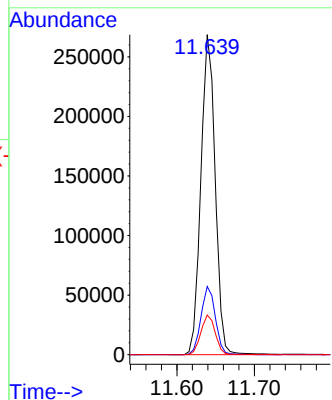
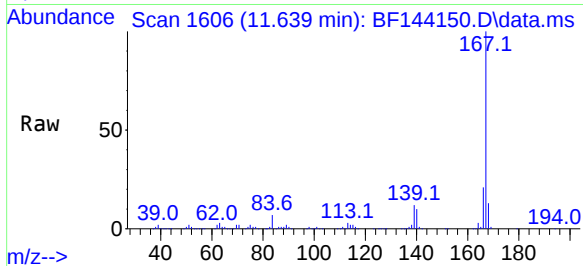


#73  
 Carbazole  
 Concen: 42.294 ng  
 RT: 11.639 min Scan# 1606  
 Delta R.T. 0.000 min  
 Lab File: BF144150.D  
 Acq: 30 Oct 2025 20:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP5MSD

Tgt Ion:167 Resp: 345073  

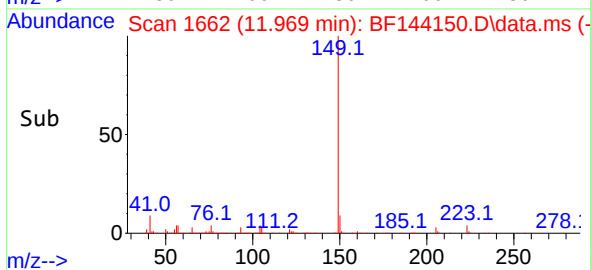
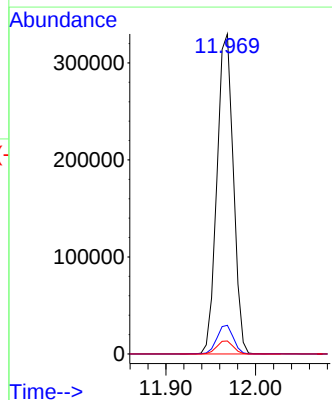
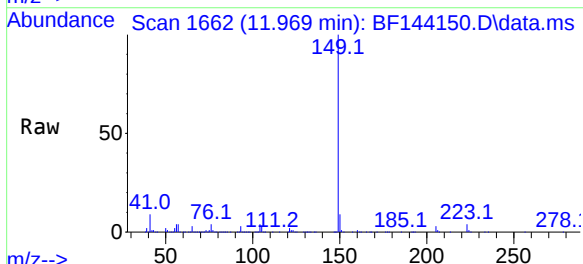
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.3  | 16.1  | 24.1  |
| 139 | 12.4  | 9.8   | 14.6  |

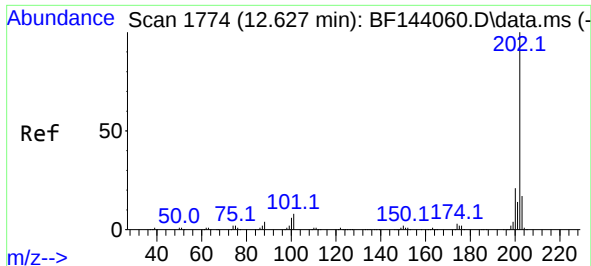


#74  
 Di-n-butylphthalate  
 Concen: 41.766 ng  
 RT: 11.969 min Scan# 1662  
 Delta R.T. 0.000 min  
 Lab File: BF144150.D  
 Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 417787  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.9   | 7.3   | 10.9  |
| 104 | 4.1   | 3.6   | 5.4   |

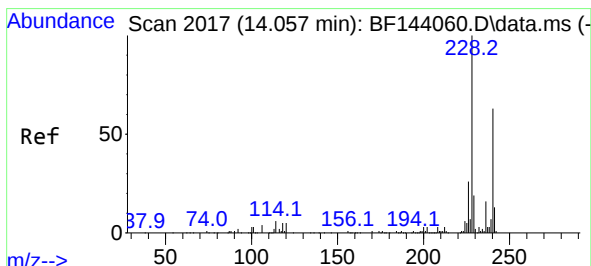
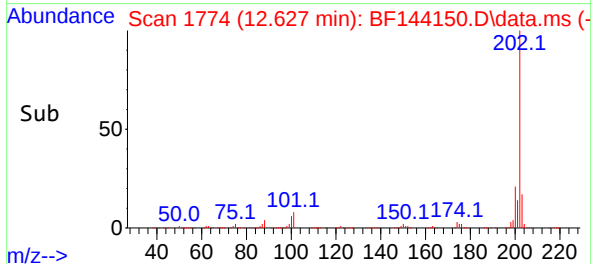
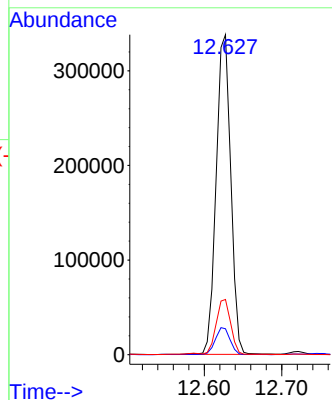
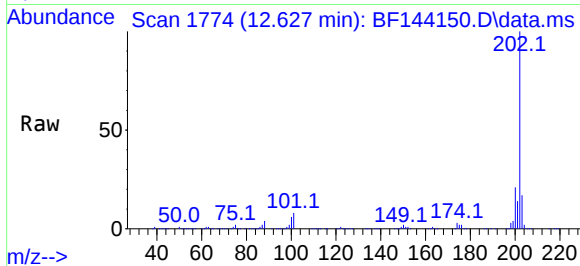




#75  
Fluoranthene  
Concen: 43.374 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

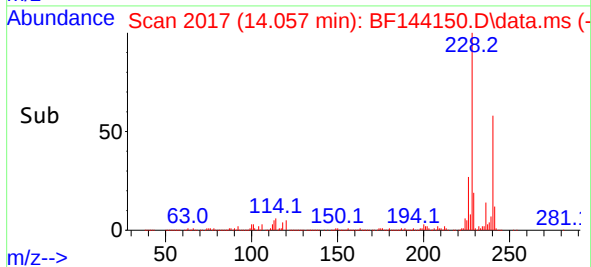
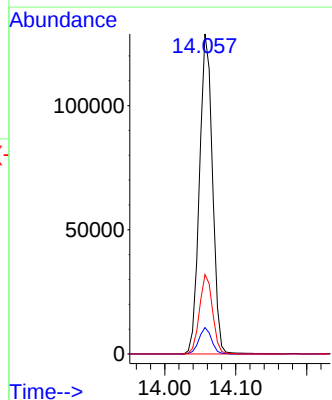
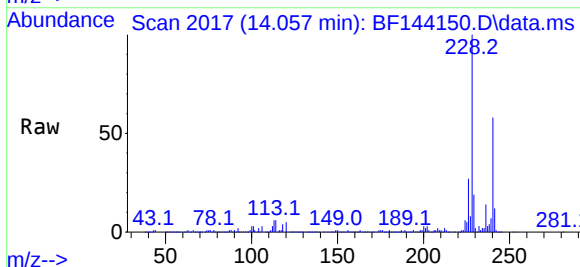
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

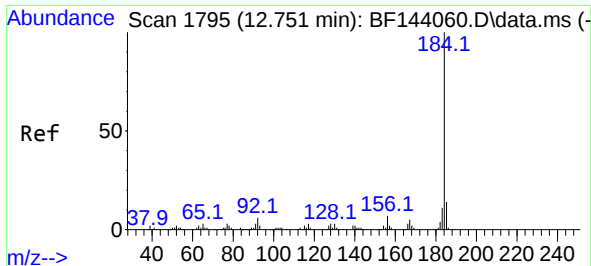
Tgt Ion:202 Resp: 444663  
Ion Ratio Lower Upper  
202 100  
101 8.1 0.0 27.7  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:240 Resp: 164706  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.5 9.7  
236 24.8 20.1 30.1

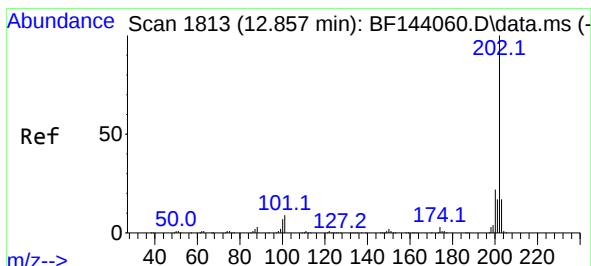
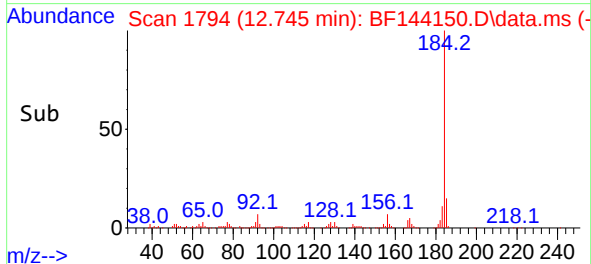
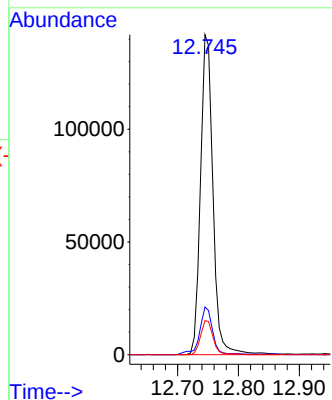
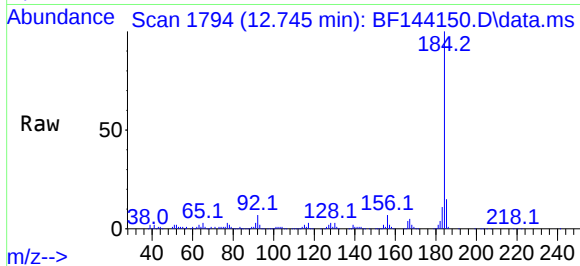




#77  
Benzidine  
Concen: 39.404 ng  
RT: 12.745 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

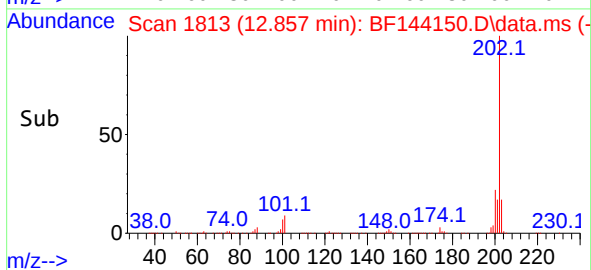
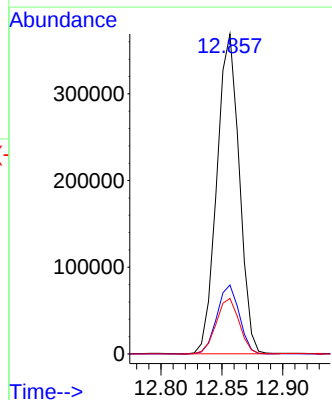
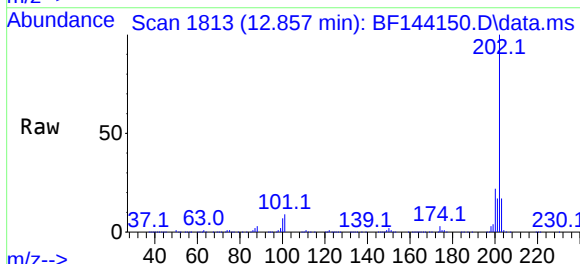
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

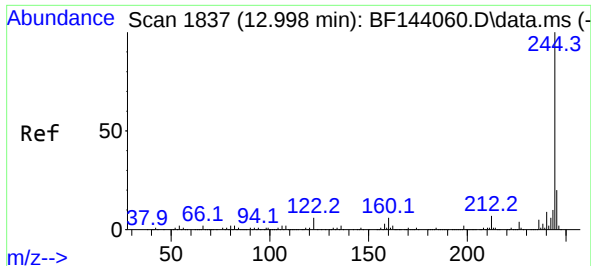
Tgt Ion:184 Resp: 201984  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.6 17.4  
183 10.7 8.5 12.7



#78  
Pyrene  
Concen: 39.968 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:202 Resp: 473275  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.2 25.8  
203 17.4 13.5 20.3

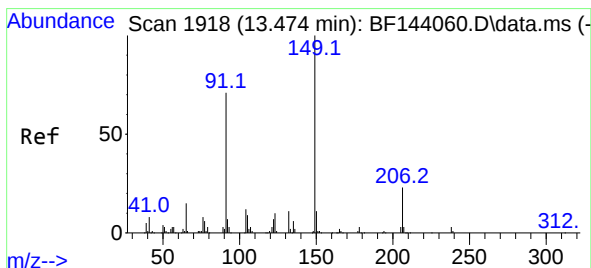
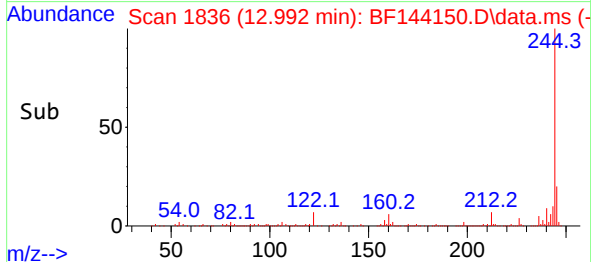
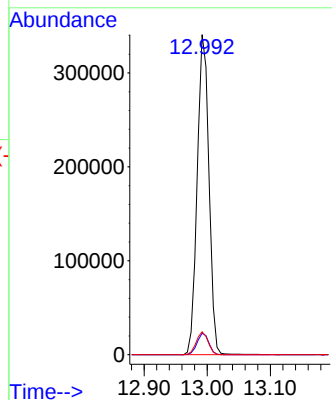
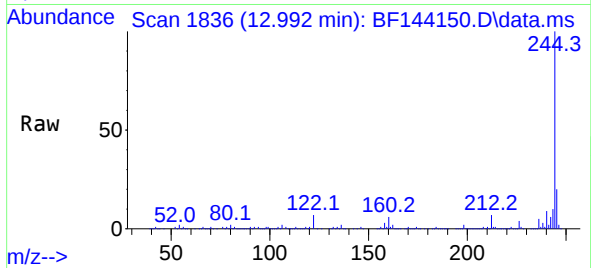




#79  
 Terphenyl-d14  
 Concen: 46.528 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144150.D  
 Acq: 30 Oct 2025 20:05

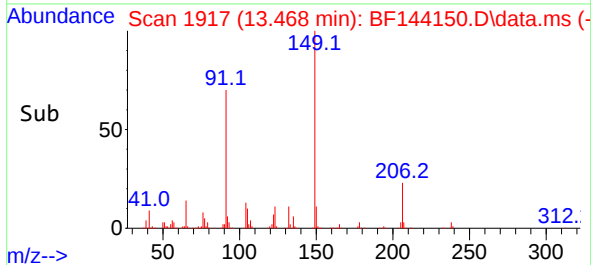
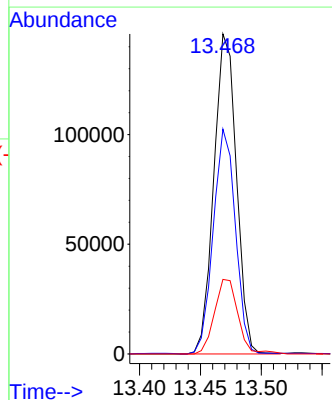
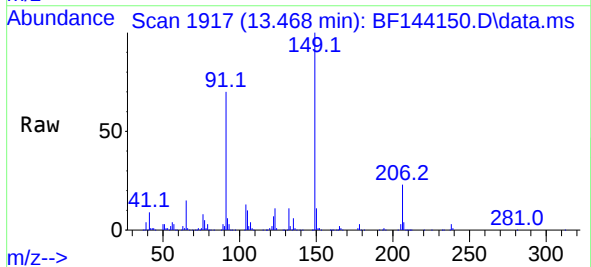
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP5MSD

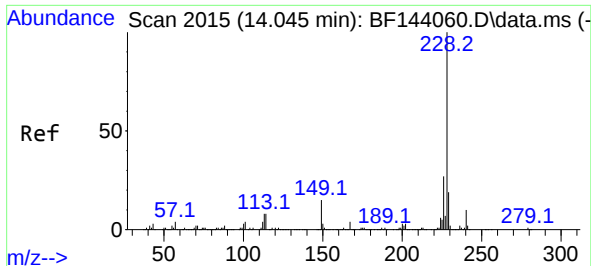
Tgt Ion:244 Resp: 438361  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.8 8.6  
 122 7.1 4.9 7.3



#80  
 Butylbenzylphthalate  
 Concen: 41.969 ng  
 RT: 13.468 min Scan# 1917  
 Delta R.T. -0.006 min  
 Lab File: BF144150.D  
 Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 188011  
 Ion Ratio Lower Upper  
 149 100  
 91 70.2 56.6 84.8  
 206 23.3 18.3 27.5

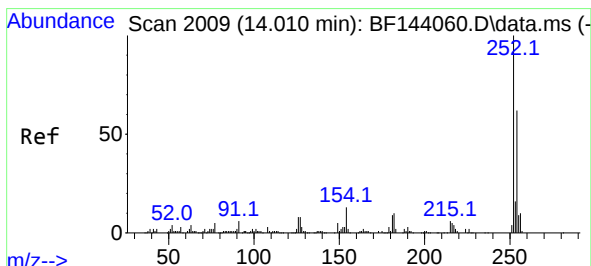
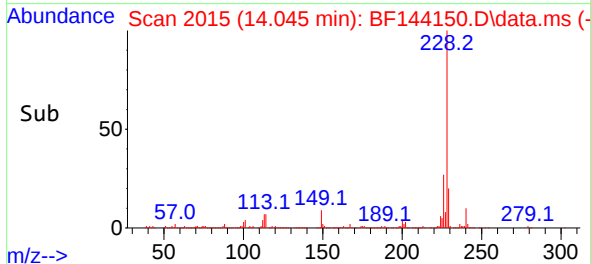
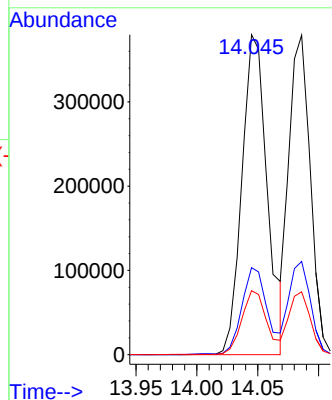
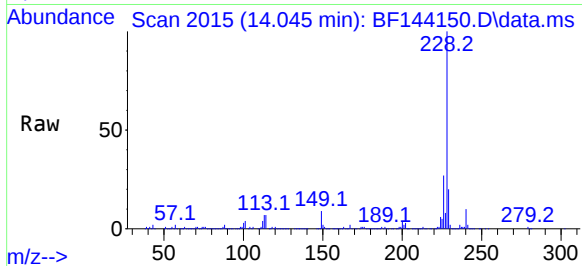




#81  
Benzo(a)anthracene  
Concen: 49.462 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

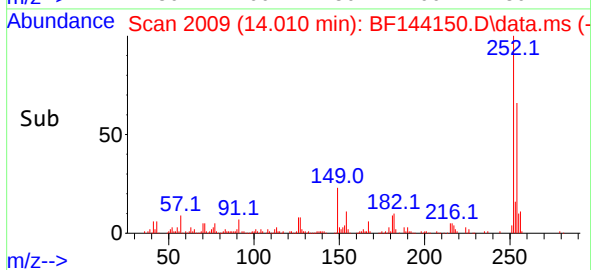
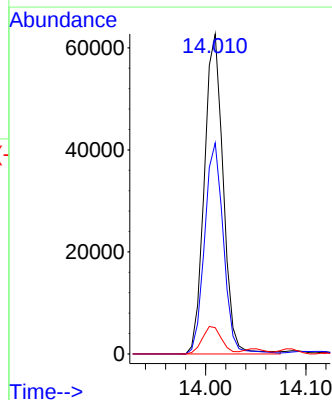
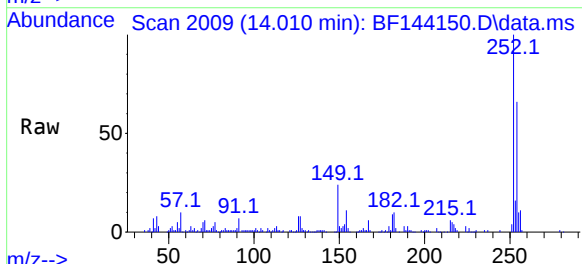
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

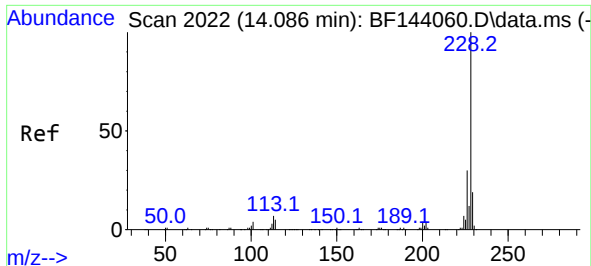
Tgt Ion:228 Resp: 550555  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.2  
229 20.0 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 21.212 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 82191  
Ion Ratio Lower Upper  
252 100  
254 65.9 49.9 74.9  
126 8.2 6.5 9.7

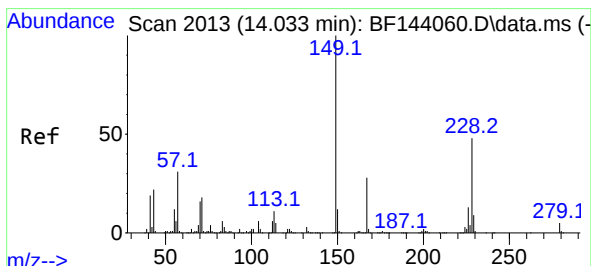
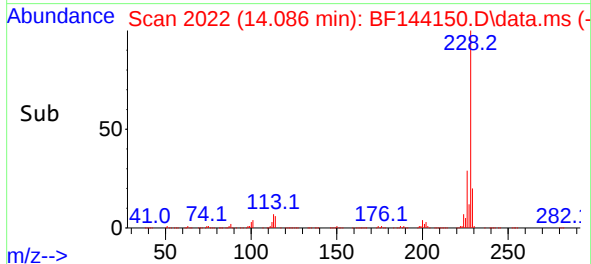
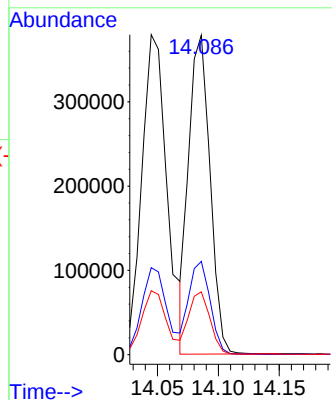
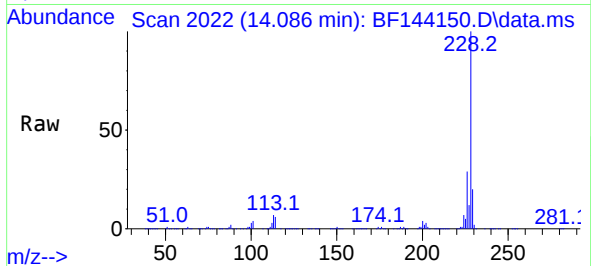




#83  
Chrysene  
Concen: 44.118 ng  
RT: 14.086 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

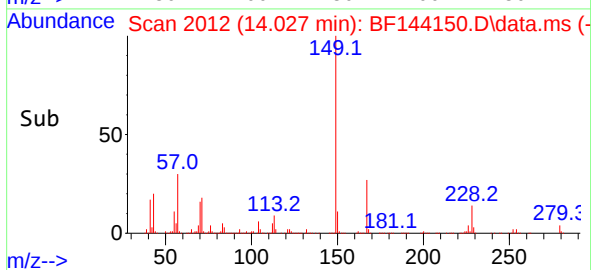
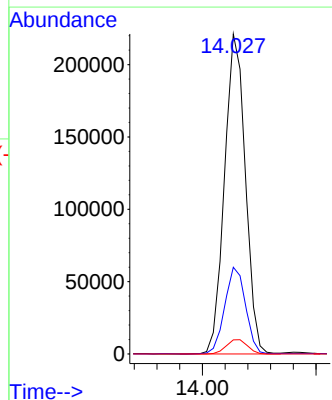
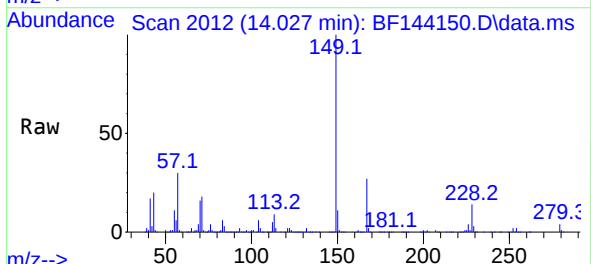
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

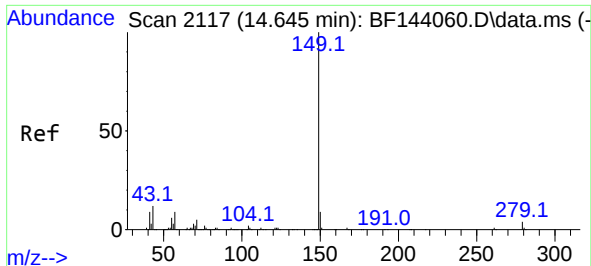
Tgt Ion:228 Resp: 460820  
Ion Ratio Lower Upper  
228 100  
226 29.2 23.8 35.6  
229 19.7 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.122 ng  
RT: 14.027 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 282067  
Ion Ratio Lower Upper  
149 100  
167 27.1 22.5 33.7  
279 4.4 3.6 5.4

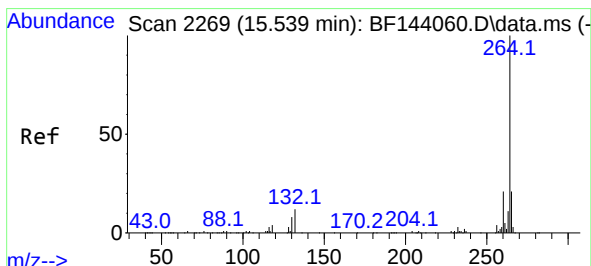
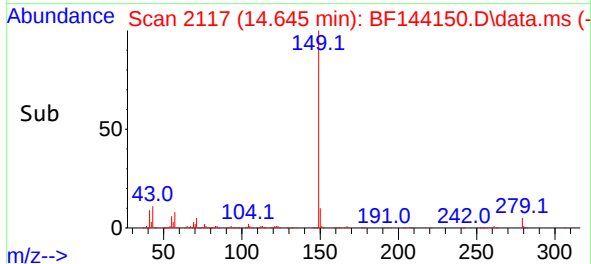
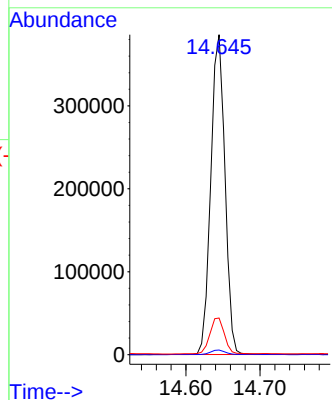
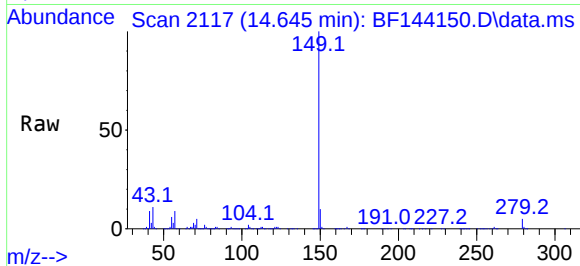




#85  
Di-n-octyl phthalate  
Concen: 48.560 ng  
RT: 14.645 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

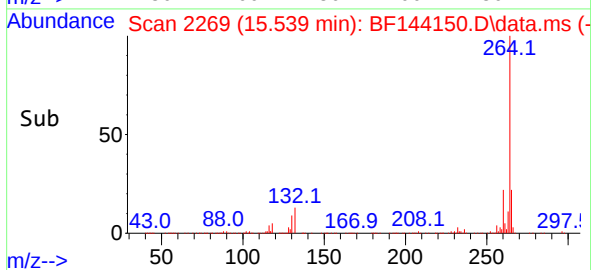
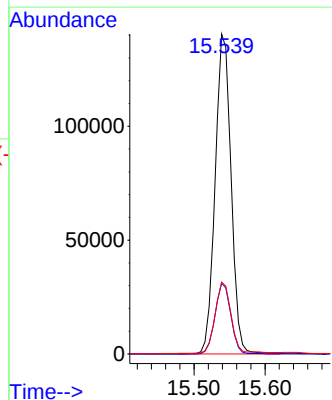
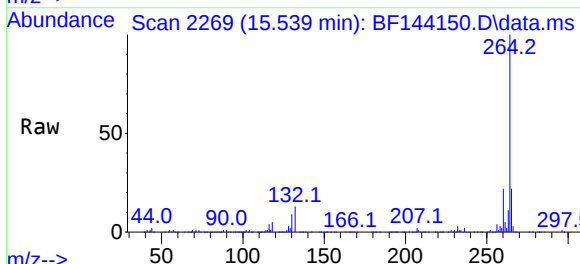
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

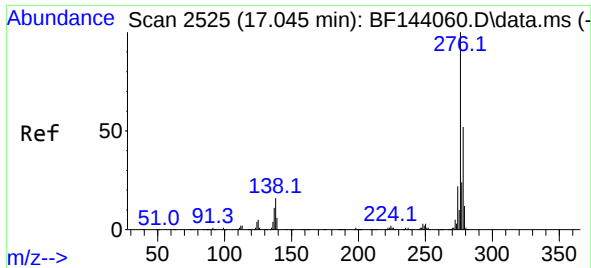
Tgt Ion:149 Resp: 510711  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.8 9.3 13.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:264 Resp: 218183  
Ion Ratio Lower Upper  
264 100  
260 22.1 17.0 25.4  
265 22.4 16.6 24.8

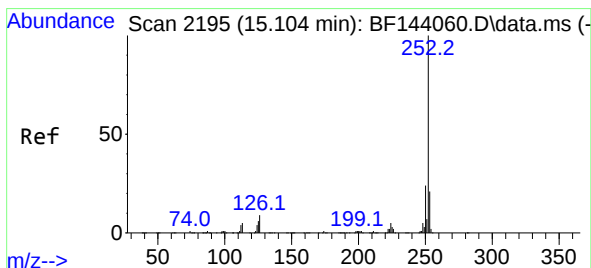
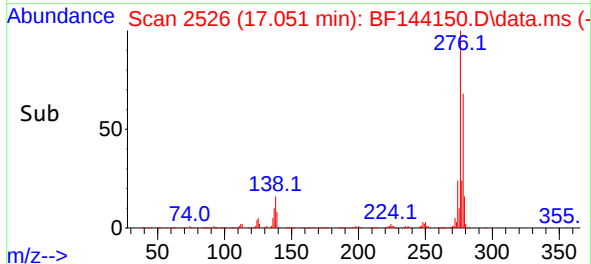
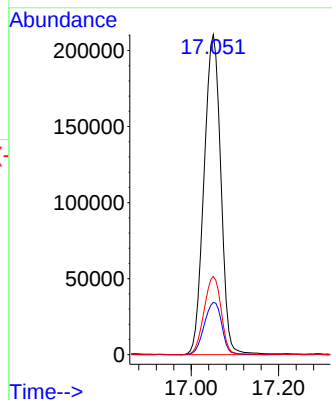
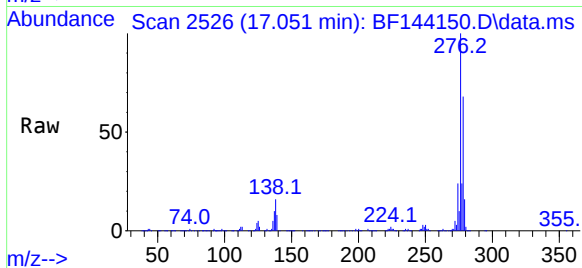




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.617 ng  
RT: 17.051 min Scan# 2196  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

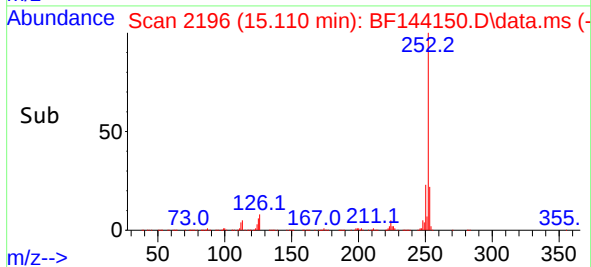
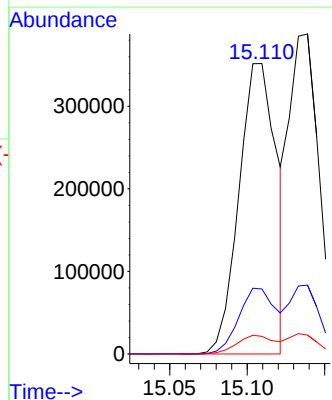
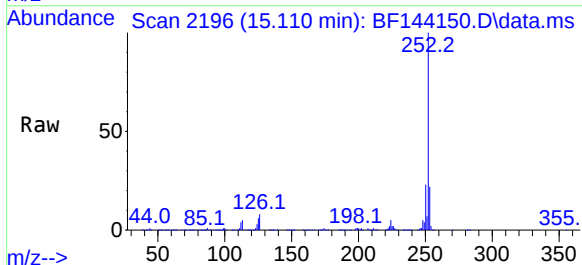
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

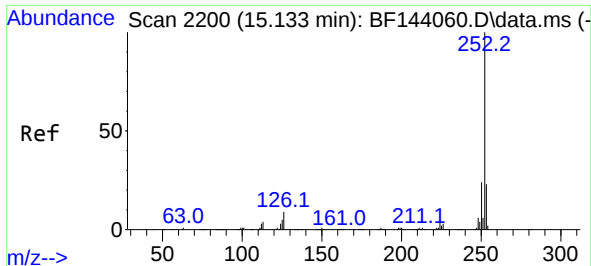
Tgt Ion:276 Resp: 563485  
Ion Ratio Lower Upper  
276 100  
138 17.1 13.0 19.6  
277 25.0 19.4 29.0



#88  
Benzo(b)fluoranthene  
Concen: 47.932 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 591218  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.2 25.8  
125 6.1 5.0 7.6

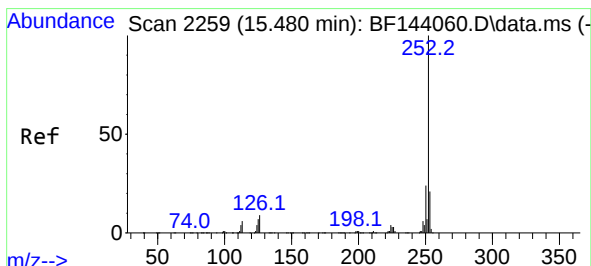
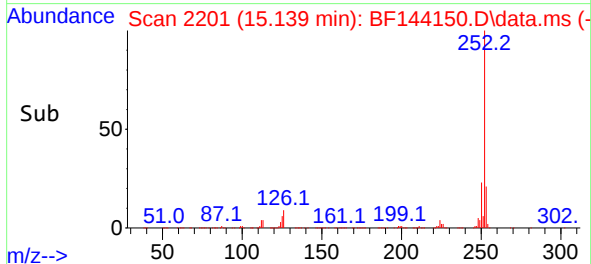
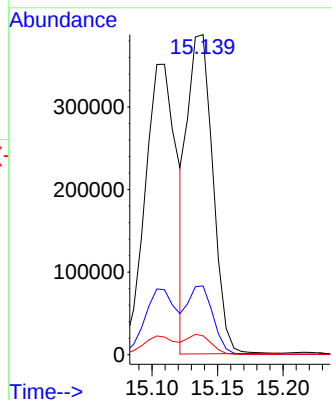
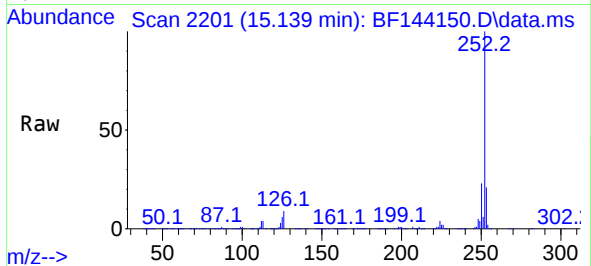




#89  
Benzo(k)fluoranthene  
Concen: 45.725 ng  
RT: 15.139 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

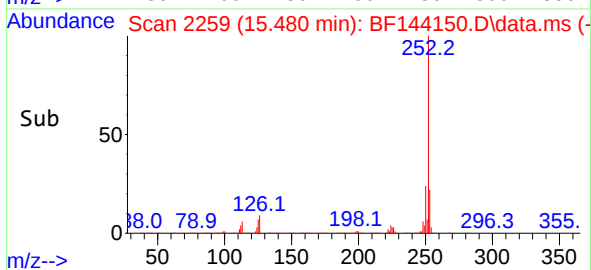
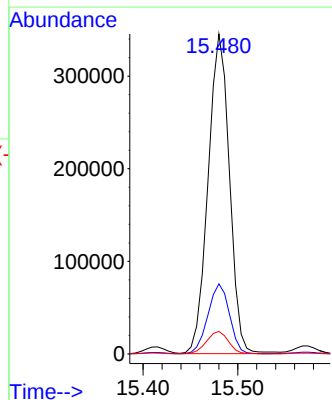
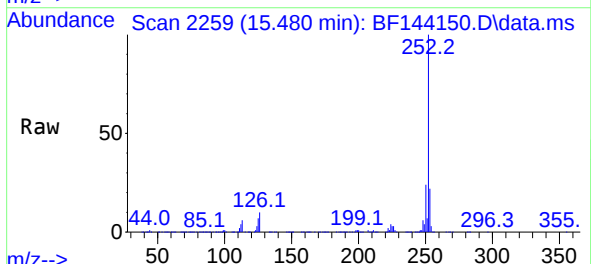
Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

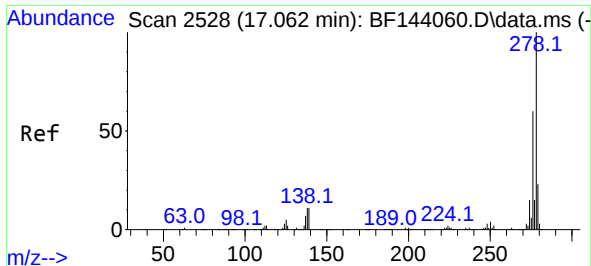
Tgt Ion:252 Resp: 520361  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.2  
125 5.9 4.9 7.3



#90  
Benzo(a)pyrene  
Concen: 48.941 ng  
RT: 15.480 min Scan# 2259  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 541573  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 7.1 5.4 8.2

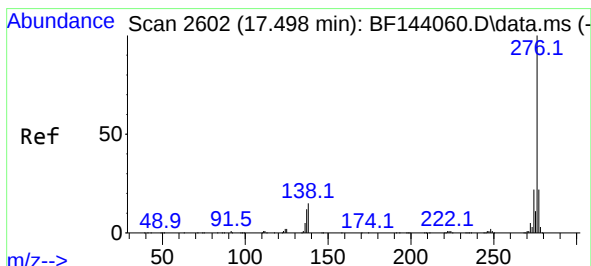
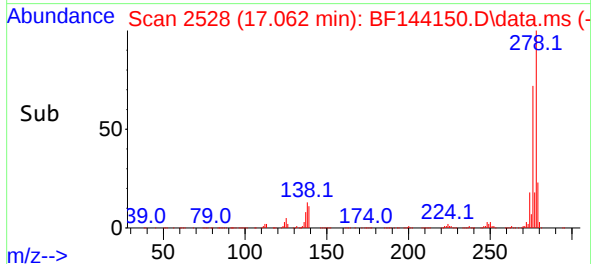
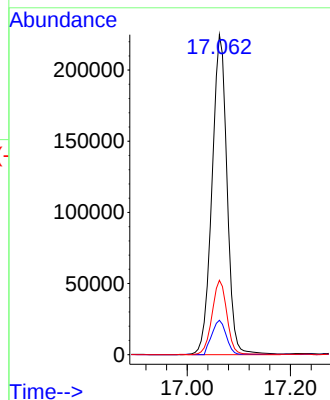
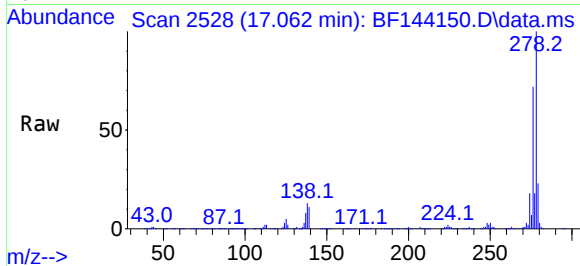




#91  
Dibenzo(a,h)anthracene  
Concen: 38.384 ng  
RT: 17.062 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP5MSD

Tgt Ion:278 Resp: 455127  
Ion Ratio Lower Upper  
278 100  
139 10.7 8.5 12.7  
279 23.3 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 35.055 ng  
RT: 17.503 min Scan# 2603  
Delta R.T. 0.006 min  
Lab File: BF144150.D  
Acq: 30 Oct 2025 20:05

Tgt Ion:276 Resp: 417905  
Ion Ratio Lower Upper  
276 100  
277 23.5 17.9 26.9  
138 14.9 12.0 18.0

