

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032025\  
 Data File : BF142013.D  
 Acq On : 20 Mar 2025 16:07  
 Operator : RC/JU  
 Sample : Q1606-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR251346MS

Quant Time: Mar 20 16:31:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 152731   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 575838   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 299248   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 397242   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 303911   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.510 | 264  | 362981   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 866335   | 94.668  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 1072593  | 92.056  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 697501   | 68.166  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 329752   | 86.860  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1330230  | 67.604  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 925946   | 45.045  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 172410   | 44.964  | ng    | 97       |
| 3) Pyridine                   | 3.475  | 79   | 382624   | 40.681  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 189289   | 42.219  | ng    | 98       |
| 6) Aniline                    | 6.534  | 93   | 277425   | 24.136  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 451719   | 44.507  | ng    | 98       |
| 9) Benzaldehyde               | 6.422  | 77   | 124465   | 19.100  | ng    | 96       |
| 10) Phenol                    | 6.516  | 94   | 523802   | 42.732  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 390902   | 42.470  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 487439   | 44.485  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.892  | 146  | 488536   | 44.065  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 469988   | 45.007  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 388189   | 41.211  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 434548   | 39.106  | ng    | 96       |
| 17) 2-Methylphenol            | 7.122  | 107  | 348445   | 43.179  | ng    | 99       |
| 18) Hexachloroethane          | 7.387  | 117  | 184543   | 44.389  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 294739   | 39.368  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 440386   | 42.605  | ng    | # 86     |
| 22) Acetophenone              | 7.281  | 105  | 666766   | 48.352  | ng    | 96       |
| 24) Nitrobenzene              | 7.457  | 77   | 454806   | 44.711  | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 815432   | 45.083  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 237681   | 47.607  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 368159   | 53.554  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 492464   | 43.410  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 370565   | 43.428  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 419357   | 44.596  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 1386811  | 46.884  | ng    | 100      |
| 32) Benzoic acid              | 7.898  | 122  | 165709   | 27.422  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 124789   | 11.951  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 285339   | 46.529  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 104077   | 40.007  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 377361   | 39.645  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 823427   | 41.647  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 790016   | 41.407  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 479779   | 52.660  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 505880   | 141.877 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 267098   | 44.858  | ng    | 99       |

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 Sample : Q1606-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR251346MS

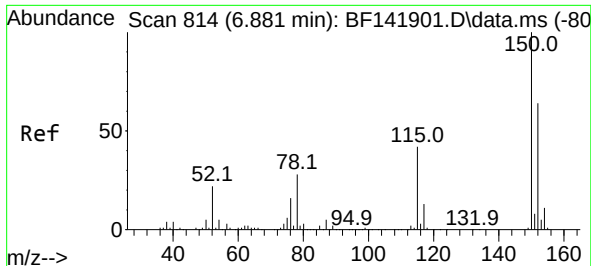
Quant Time: Mar 20 16:31:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 272559   | 45.196 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 1152112  | 50.671 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 779578   | 46.000 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 208295   | 42.449 | ng    | 96       |
| 49) Acenaphthylene            | 9.775  | 152  | 1166082  | 46.367 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 918104   | 43.812 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 192071   | 44.021 | ng    | 95       |
| 52) Acenaphthene              | 9.945  | 154  | 810682   | 45.870 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 117949   | 26.650 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 135668   | 56.803 | ng    | # 48     |
| 55) Dibenzofuran              | 10.116 | 168  | 1047331  | 41.473 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 228793   | 68.549 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 250441   | 43.947 | ng    | 95       |
| 58) Fluorene                  | 10.463 | 166  | 796062   | 40.877 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 208493   | 37.993 | ng    | 98       |
| 60) Diethylphthalate          | 10.333 | 149  | 872296   | 41.746 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 427655   | 42.120 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 141021   | 32.728 | ng    | 97       |
| 63) Azobenzene                | 10.610 | 77   | 848737   | 43.689 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 103131   | 43.550 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 675393   | 52.540 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 249011   | 49.913 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 271693   | 49.654 | ng    | 96       |
| 69) Atrazine                  | 11.092 | 200  | 240874   | 61.123 | ng    | 100      |
| 70) Pentachlorophenol         | 11.198 | 266  | 265621   | 78.790 | ng    | 100      |
| 71) Phenanthrene              | 11.422 | 178  | 975078   | 45.445 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 1000107  | 46.460 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 731412   | 39.398 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 1047061  | 42.506 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 860248   | 37.796 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 206553   | 48.714 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 874347   | 33.260 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 360776   | 35.063 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 909251   | 45.593 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 135543   | 23.519 | ng    | 98       |
| 83) Chrysene                  | 14.063 | 228  | 811226   | 44.875 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 528102   | 37.225 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 1002694  | 50.796 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 860142   | 36.632 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 983960   | 39.553 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 882542   | 41.455 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 900988   | 46.287 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 702231   | 36.247 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.445 | 276  | 588725   | 30.751 | ng    | 98       |

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

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QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration

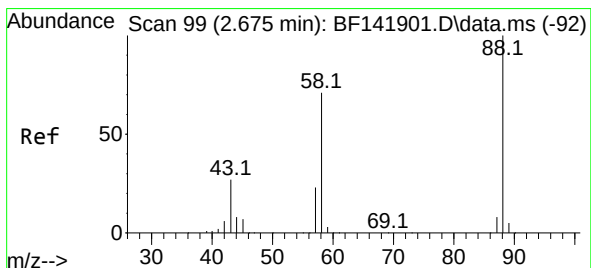
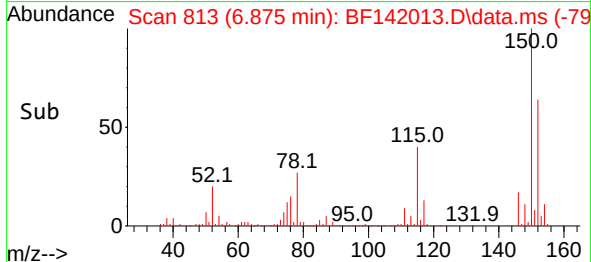
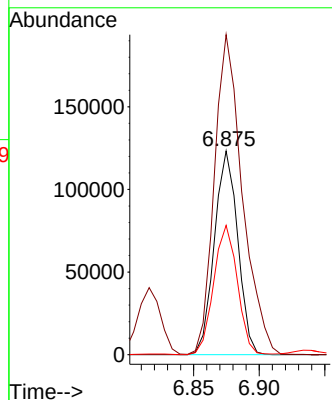
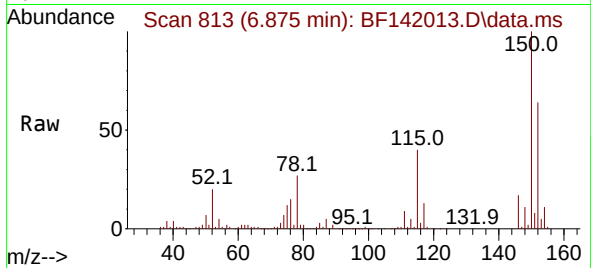




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF142013.D  
 Acq: 20 Mar 2025 16:07

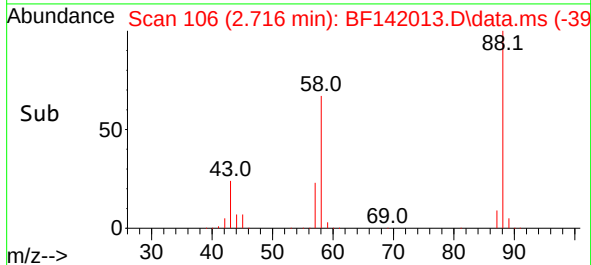
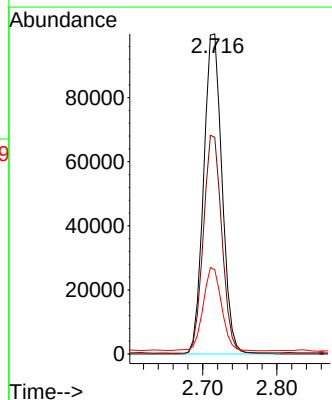
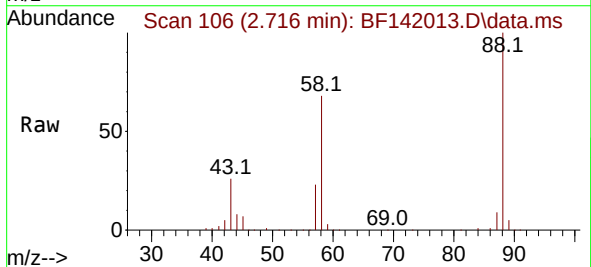
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR251346MS

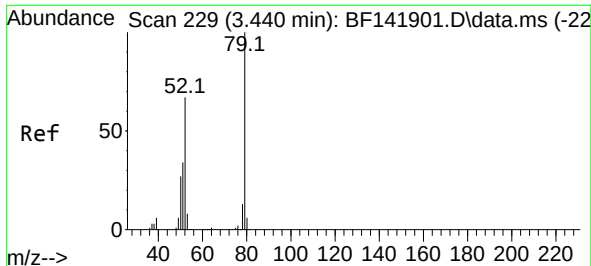
Tgt Ion:152 Resp: 152731  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 127.4 191.2  
 115 63.5 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 44.964 ng  
 RT: 2.716 min Scan# 106  
 Delta R.T. 0.041 min  
 Lab File: BF142013.D  
 Acq: 20 Mar 2025 16:07

Tgt Ion: 88 Resp: 172410  
 Ion Ratio Lower Upper  
 88 100  
 58 68.4 57.4 86.2  
 43 26.1 21.5 32.3

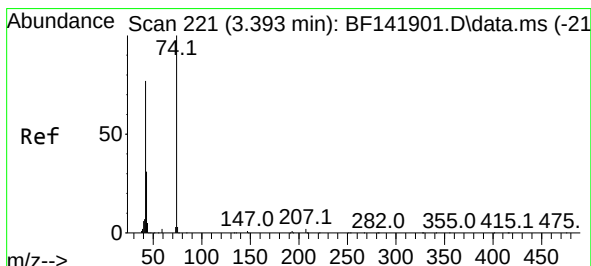
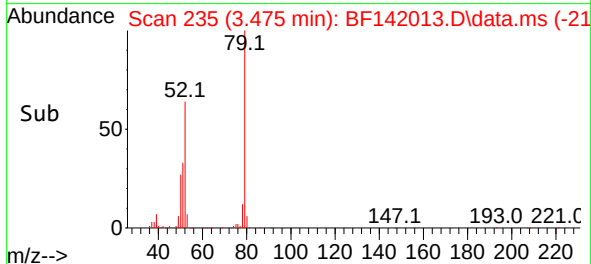
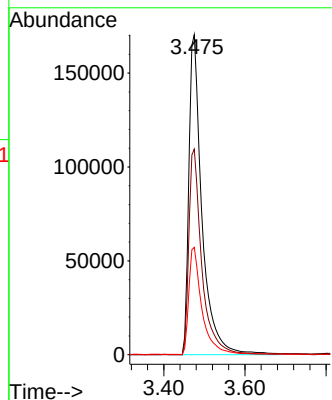
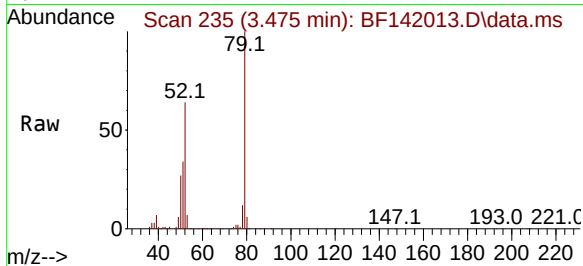




#3  
Pyridine  
Concen: 40.681 ng  
RT: 3.475 min Scan# 21  
Delta R.T. 0.035 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

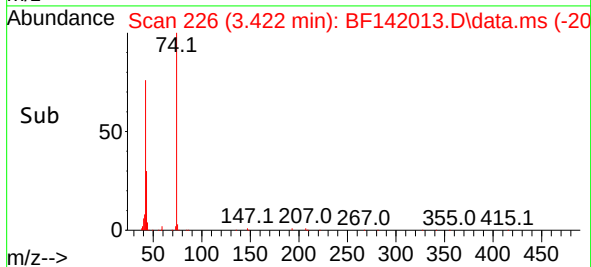
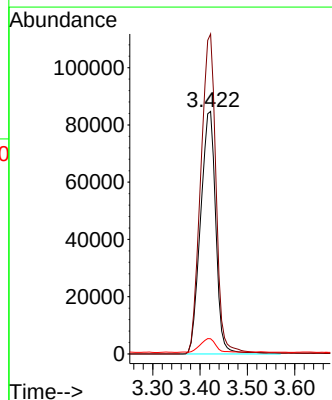
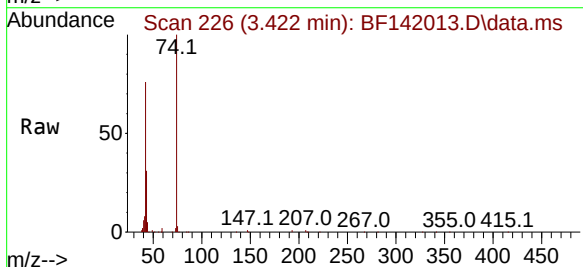
Instrument :  
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ClientSampleId :  
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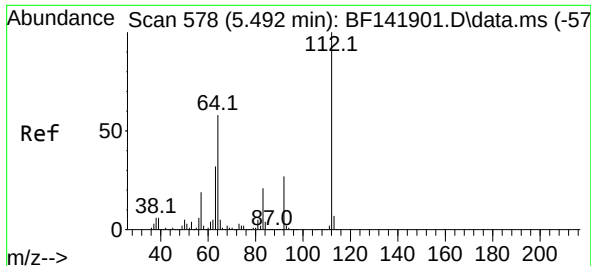
Tgt Ion: 79 Resp: 382624  
Ion Ratio Lower Upper  
79 100  
52 64.3 53.3 79.9  
51 33.6 27.6 41.4



#4  
n-Nitrosodimethylamine  
Concen: 42.219 ng  
RT: 3.422 min Scan# 226  
Delta R.T. 0.029 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 42 Resp: 189289  
Ion Ratio Lower Upper  
42 100  
74 131.9 103.4 155.0  
44 6.3 5.0 7.4

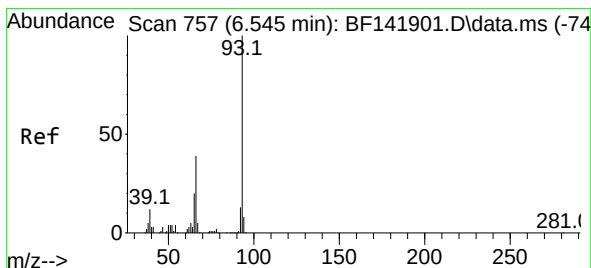
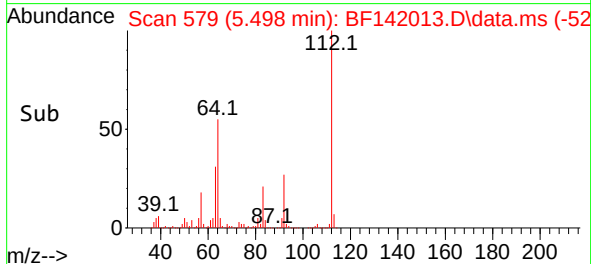
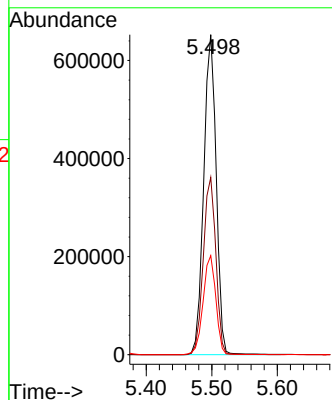
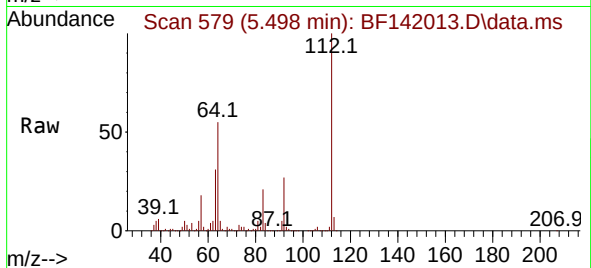




#5  
2-Fluorophenol  
Concen: 94.668 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

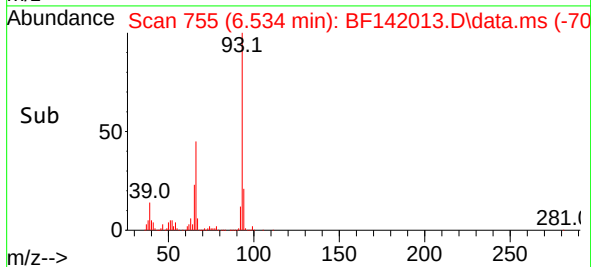
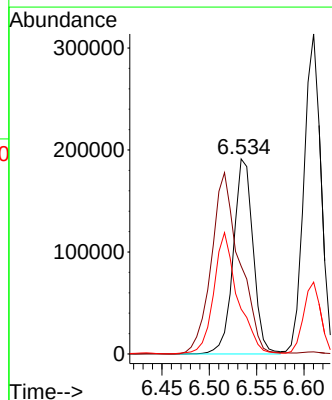
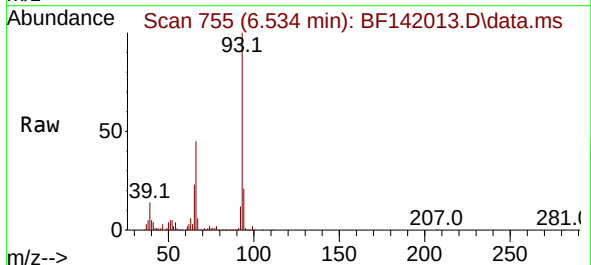
Instrument :  
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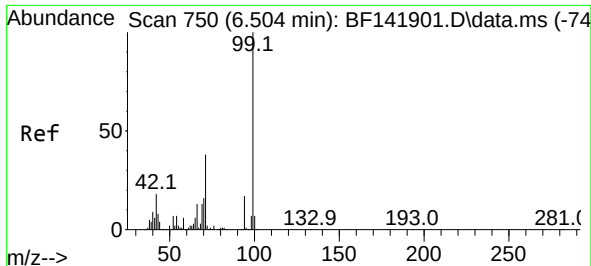
Tgt Ion:112 Resp: 866335  
Ion Ratio Lower Upper  
112 100  
64 55.4 46.5 69.7  
63 31.0 25.4 38.2



#6  
Aniline  
Concen: 24.136 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 93 Resp: 277425  
Ion Ratio Lower Upper  
93 100  
66 45.0 31.9 47.9  
65 23.0 15.8 23.6

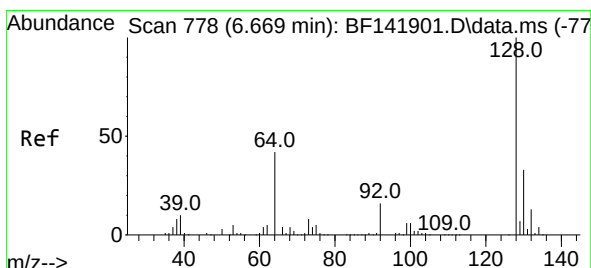
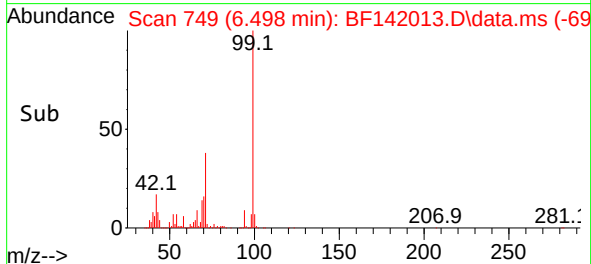
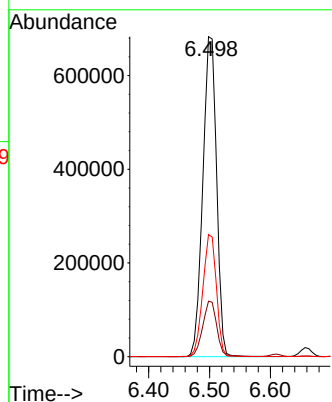
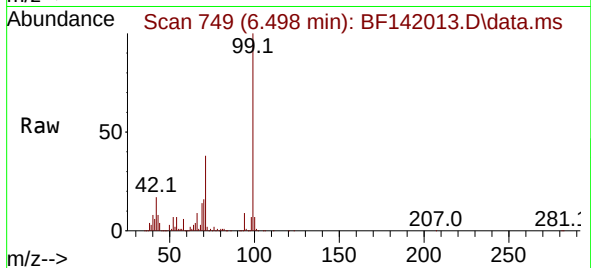




#7  
Phenol-d6  
Concen: 92.056 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

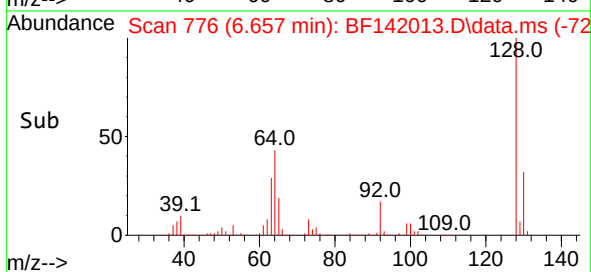
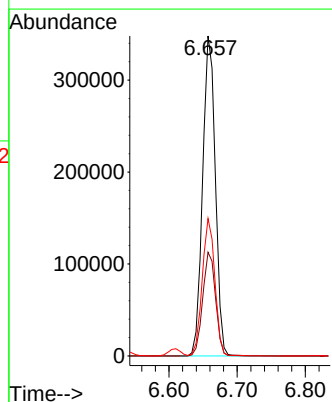
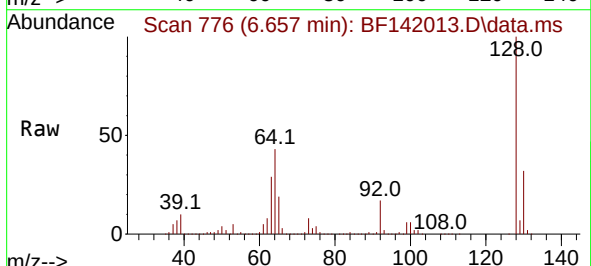
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

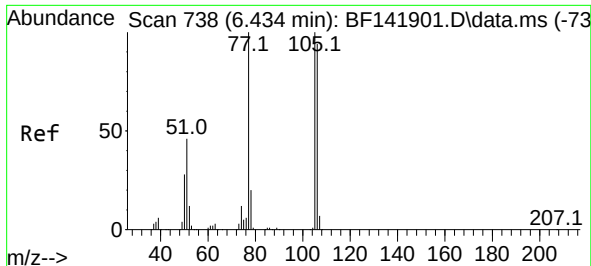
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Ion Ratio Lower Upper  
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42 17.4 14.6 21.8  
71 38.2 30.8 46.2



#8  
2-Chlorophenol  
Concen: 44.507 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 128 Resp: 451719  
Ion Ratio Lower Upper  
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130 32.4 12.8 52.8  
64 43.0 24.4 64.4

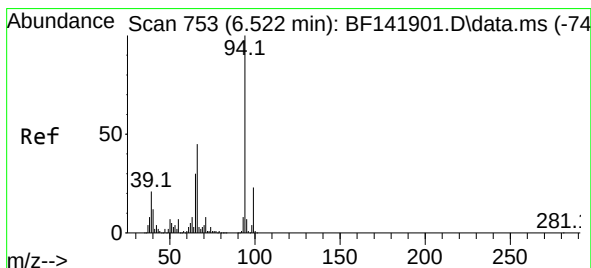
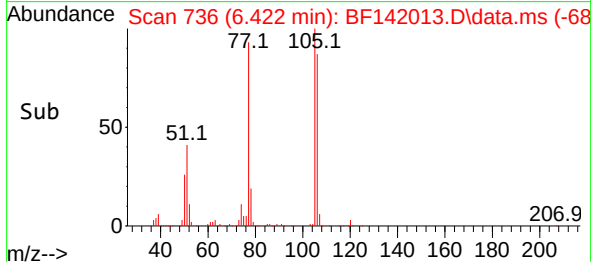
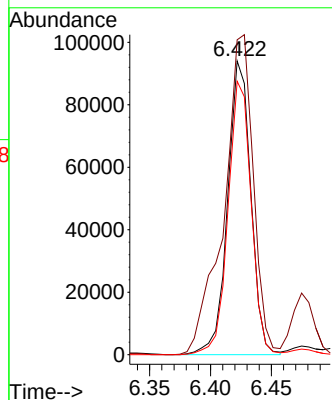
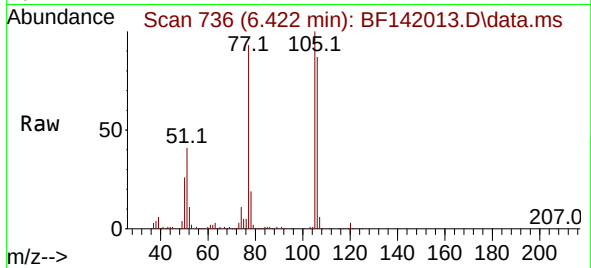




#9  
Benzaldehyde  
Concen: 19.100 ng  
RT: 6.422 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

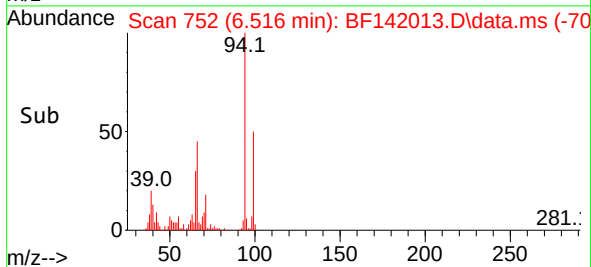
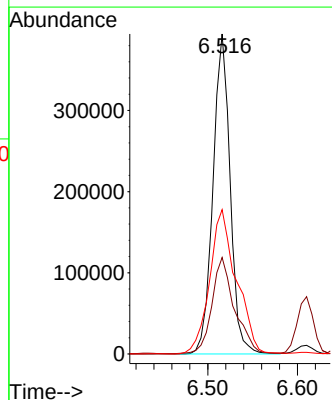
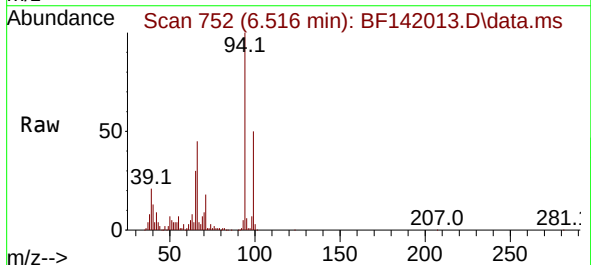
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

Tgt Ion: 77 Resp: 124465  
Ion Ratio Lower Upper  
77 100  
105 107.2 80.0 120.0  
106 93.1 74.5 114.5

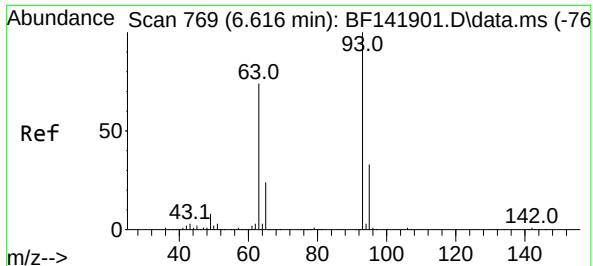


#10  
Phenol  
Concen: 42.732 ng  
RT: 6.516 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 94 Resp: 523802  
Ion Ratio Lower Upper  
94 100  
65 30.1 10.5 50.5  
66 45.1 25.8 65.8



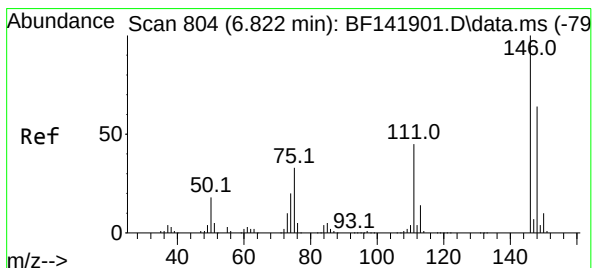
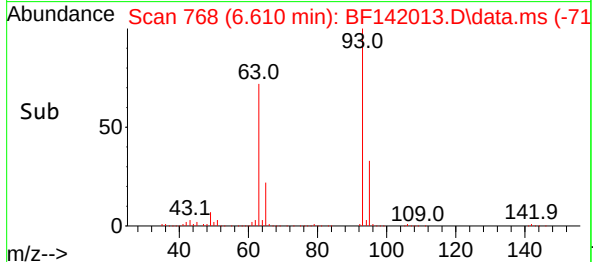
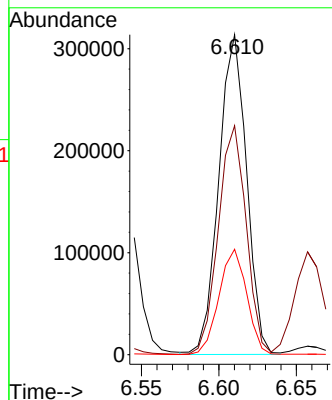
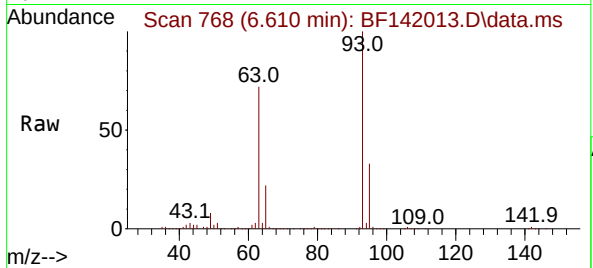




#11  
bis(2-Chloroethyl)ether  
Concen: 42.470 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

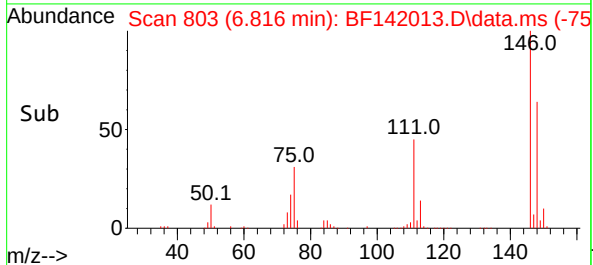
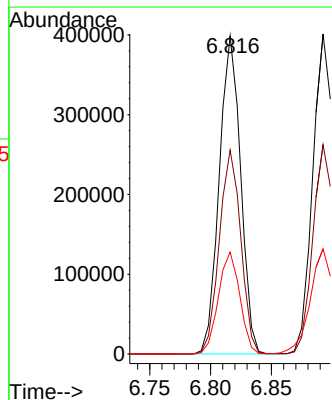
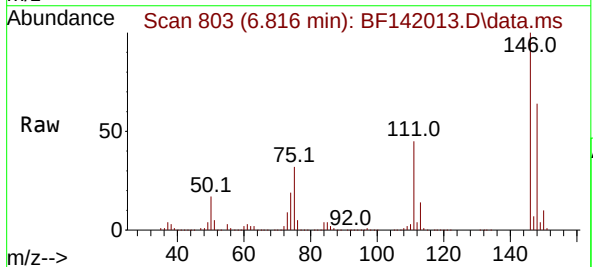
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

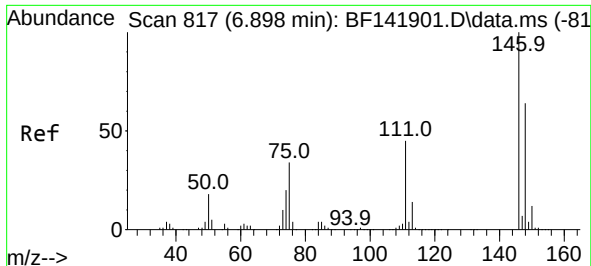
Tgt Ion: 93 Resp: 390902  
Ion Ratio Lower Upper  
93 100  
63 71.5 53.0 93.0  
95 32.9 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 44.485 ng  
RT: 6.816 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:146 Resp: 487439  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.3 76.9  
75 32.0 26.6 40.0

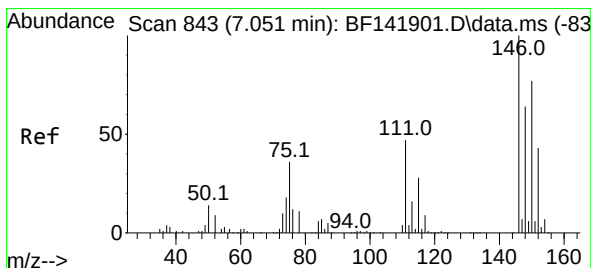
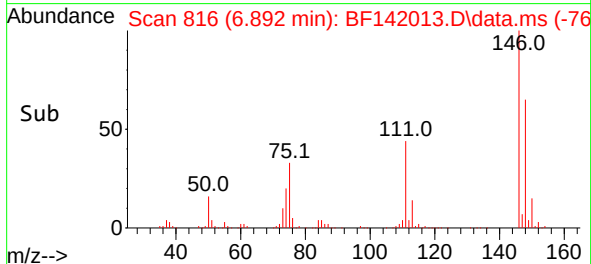
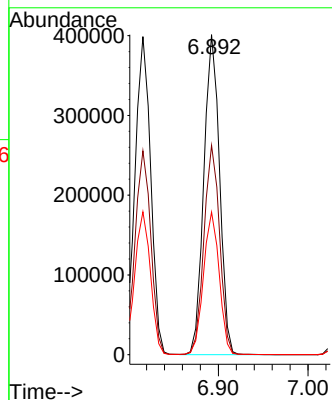
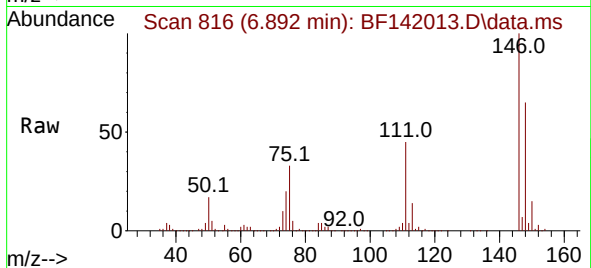




#13  
1,4-Dichlorobenzene  
Concen: 44.065 ng  
RT: 6.892 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

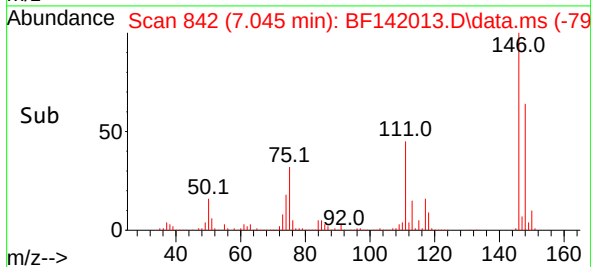
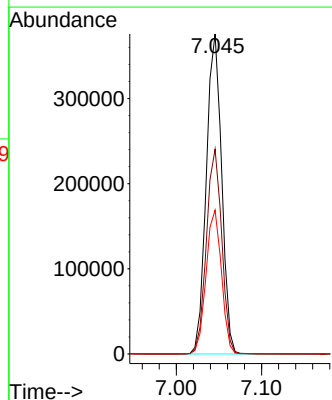
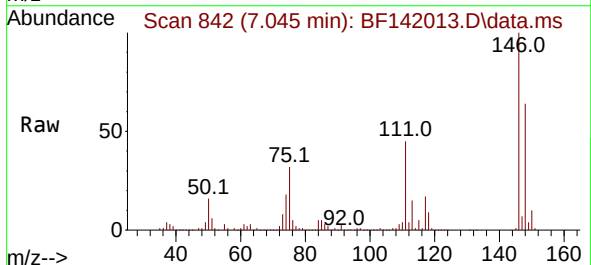
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

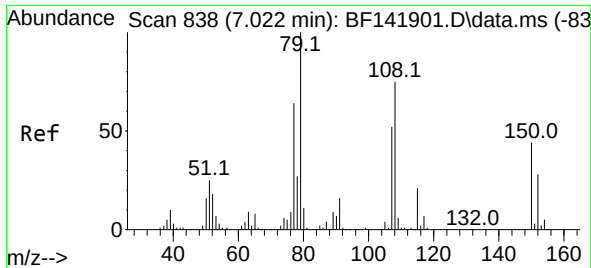
Tgt Ion:146 Resp: 488536  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.0 76.6  
111 44.6 35.7 53.5



#14  
1,2-Dichlorobenzene  
Concen: 45.007 ng  
RT: 7.045 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:146 Resp: 469988  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.8 76.2  
111 45.0 38.0 57.0

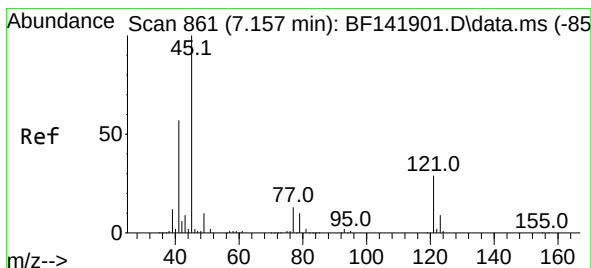
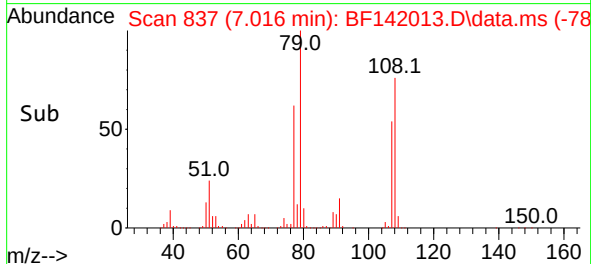
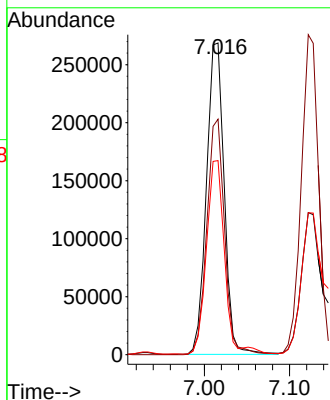
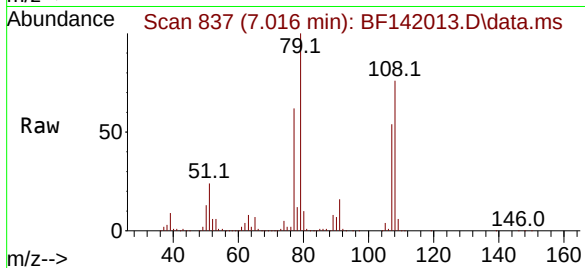




#15  
Benzyl Alcohol  
Concen: 41.211 ng  
RT: 7.016 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

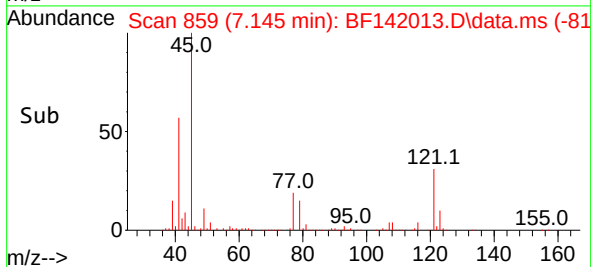
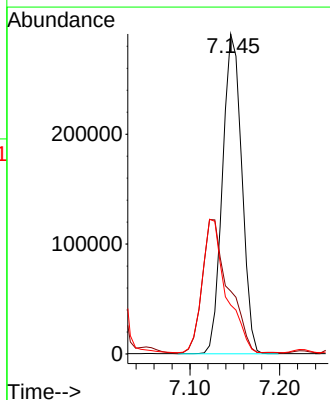
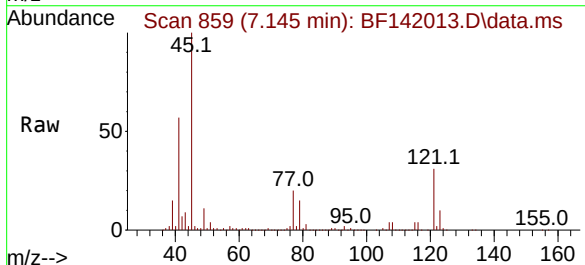
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

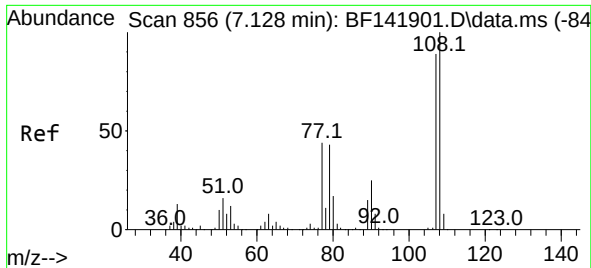
Tgt Ion: 79 Resp: 388189  
Ion Ratio Lower Upper  
79 100  
108 75.6 59.7 89.5  
77 62.3 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.106 ng  
RT: 7.145 min Scan# 859  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 45 Resp: 434548  
Ion Ratio Lower Upper  
45 100  
77 19.6 0.0 37.8  
79 15.3 0.0 34.2

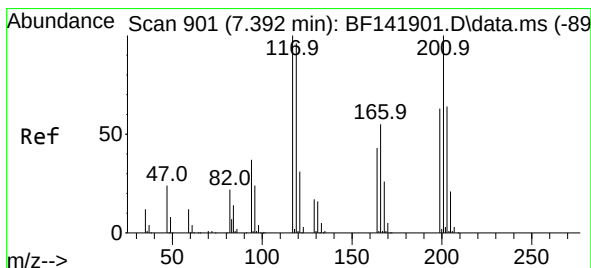
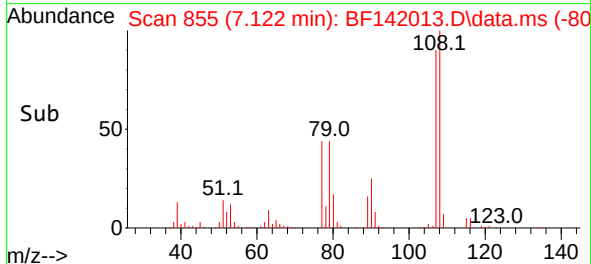
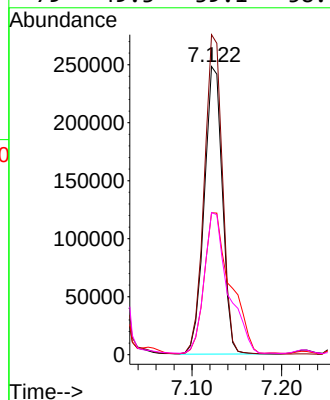
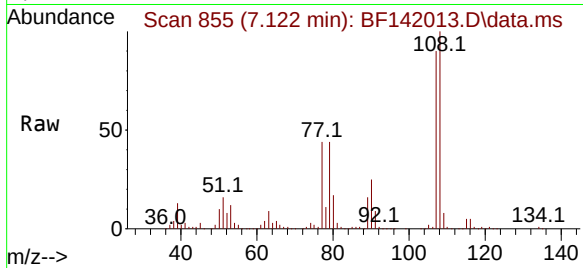




#17  
2-Methylphenol  
Concen: 43.179 ng  
RT: 7.122 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

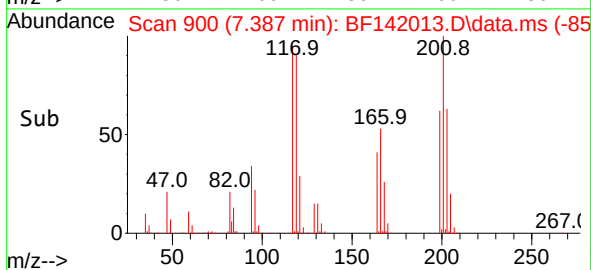
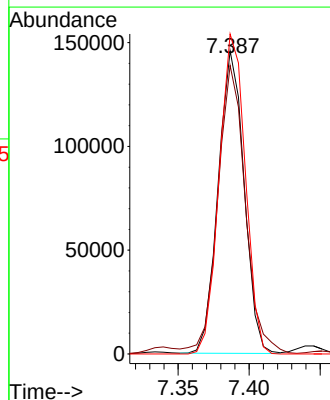
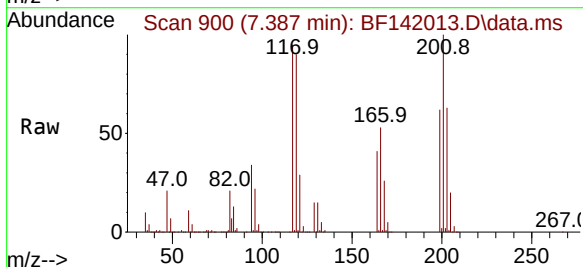
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

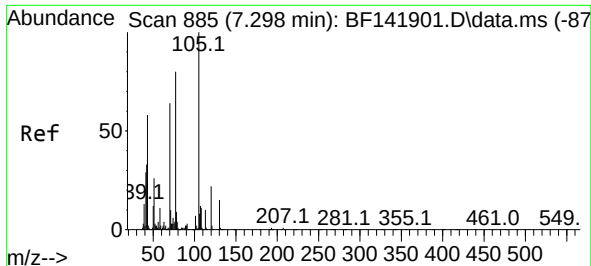
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 348445 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.0 | 90.2  | 135.2  |
| 77       | 49.2  | 39.6  | 59.4   |
| 79       | 49.3  | 39.1  | 58.7   |



#18  
Hexachloroethane  
Concen: 44.389 ng  
RT: 7.387 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 184543 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.1  | 76.9  | 115.3  |
| 201      | 105.5 | 79.9  | 119.9  |

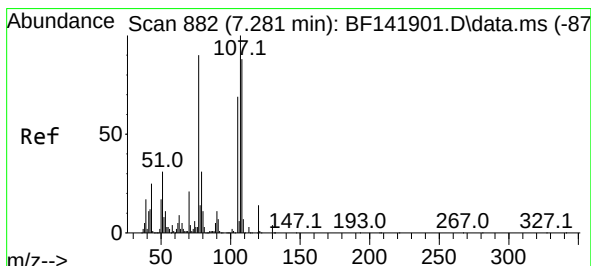
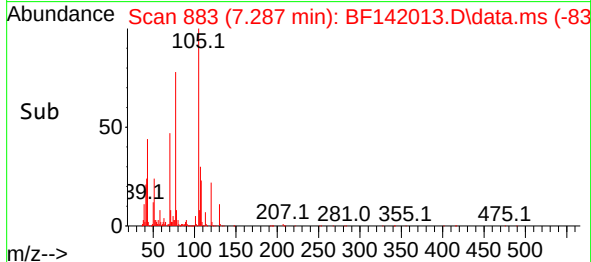
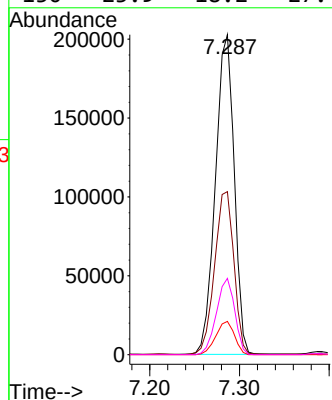
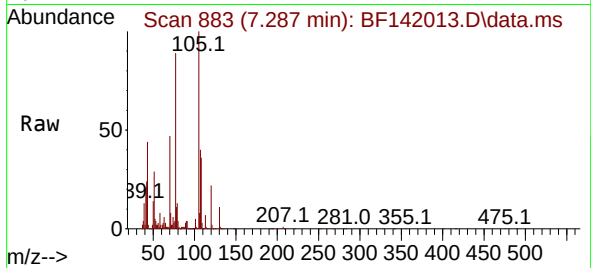




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.368 ng  
RT: 7.287 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

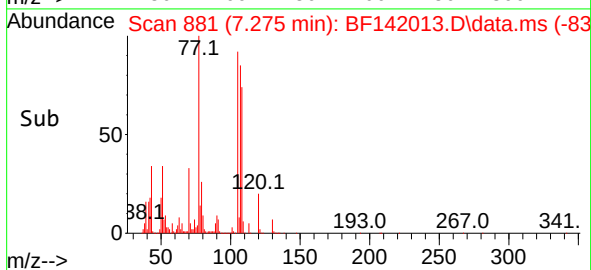
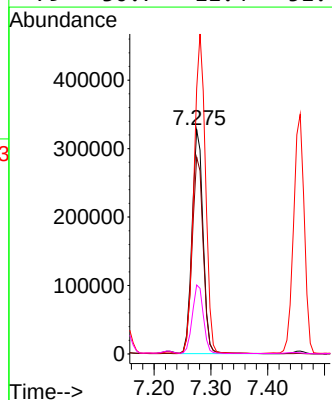
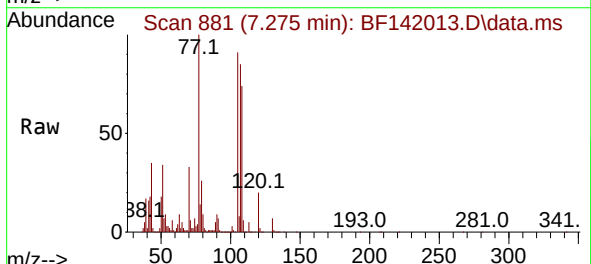
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

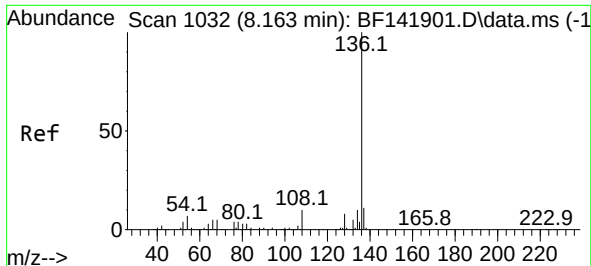
Tgt Ion: 70 Resp: 294739  
Ion Ratio Lower Upper  
70 100  
42 50.9 41.4 62.0  
101 10.4 8.2 12.2  
130 23.9 18.2 27.4



#20  
3+4-Methylphenols  
Concen: 42.605 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:107 Resp: 440386  
Ion Ratio Lower Upper  
107 100  
108 87.7 68.4 108.4  
77 118.3 69.7 109.7#  
79 30.7 11.4 51.4

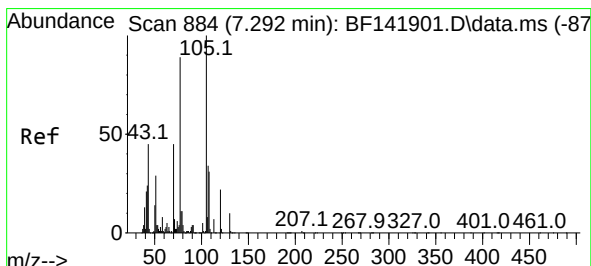
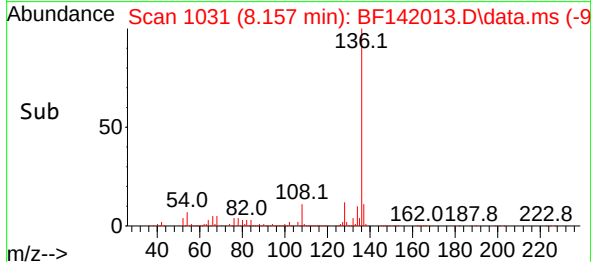
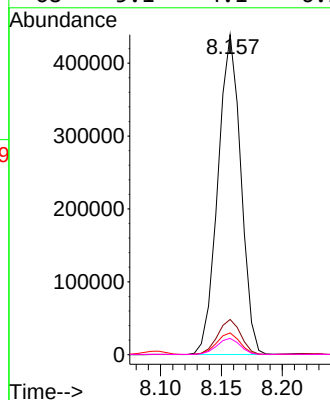
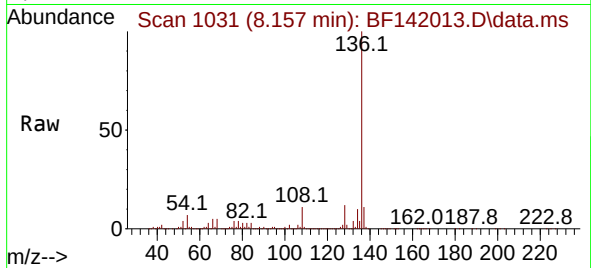




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

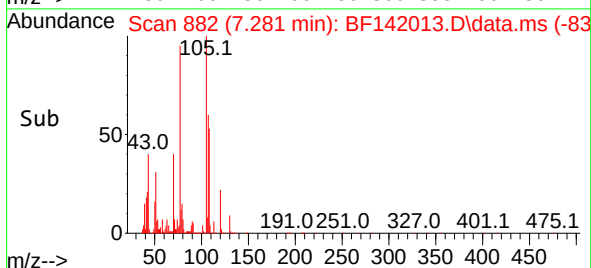
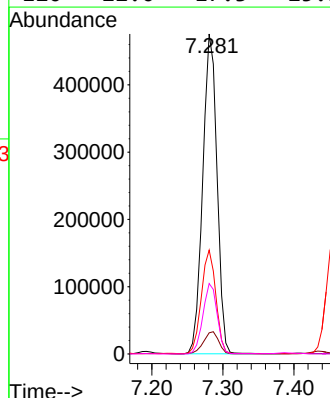
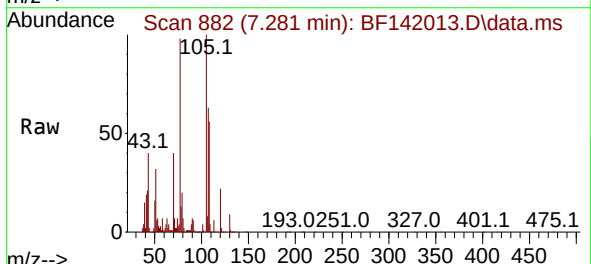
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

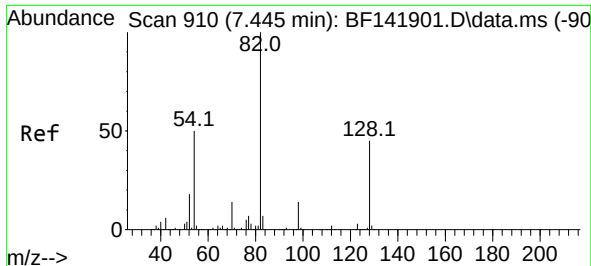
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 575838 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 6.8   | 5.8   | 8.8    |
| 68       | 5.1   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 48.352 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 666766 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.6   | 5.8   | 8.8    |
| 51       | 32.5  | 23.4  | 35.0   |
| 120      | 22.0  | 17.3  | 25.9   |





#23

Nitrobenzene-d5

Concen: 68.166 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

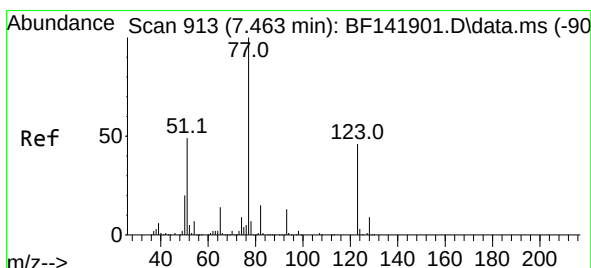
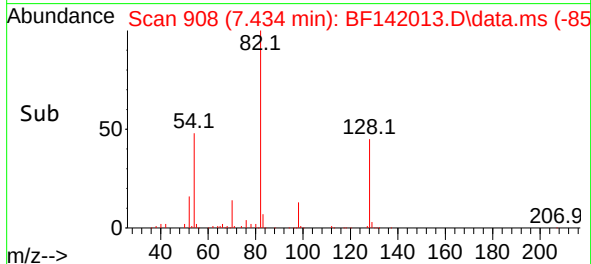
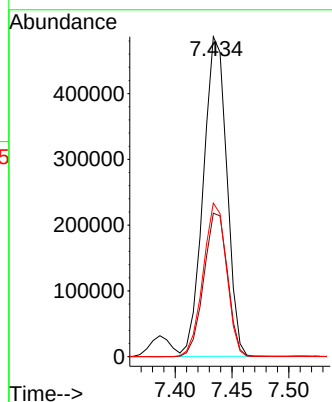
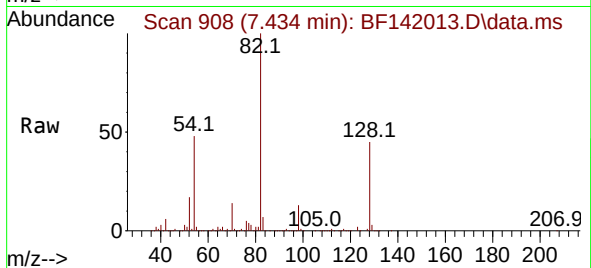
Tgt Ion: 82 Resp: 697501

Ion Ratio Lower Upper

82 100

128 44.8 36.0 54.0

54 48.0 39.6 59.4



#24

Nitrobenzene

Concen: 44.711 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

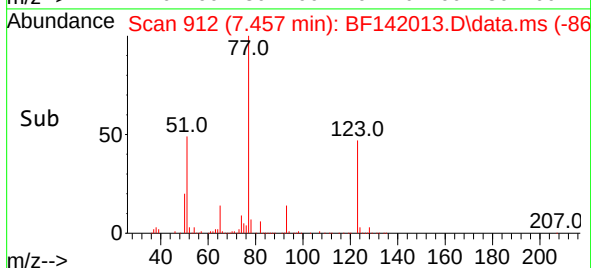
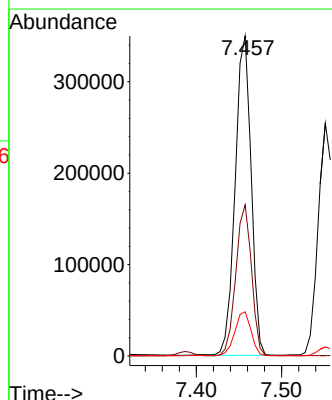
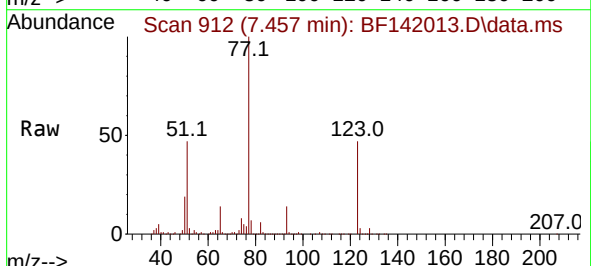
Tgt Ion: 77 Resp: 454806

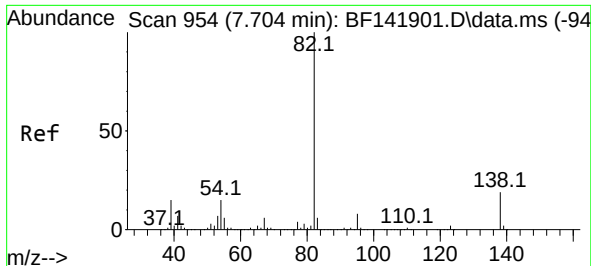
Ion Ratio Lower Upper

77 100

123 47.2 37.0 55.4

65 13.8 11.3 16.9

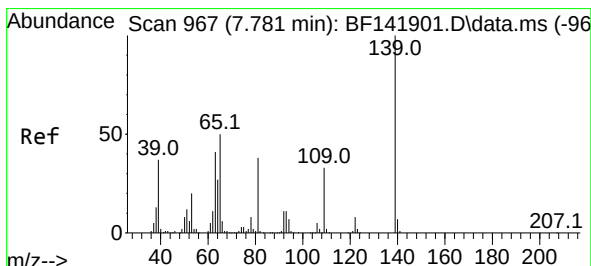
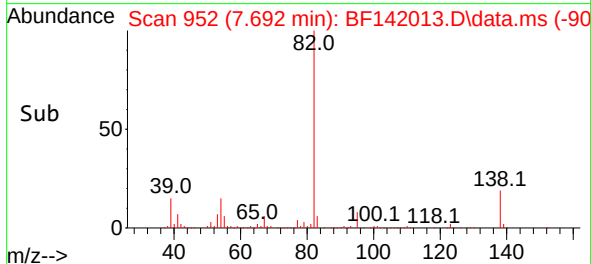
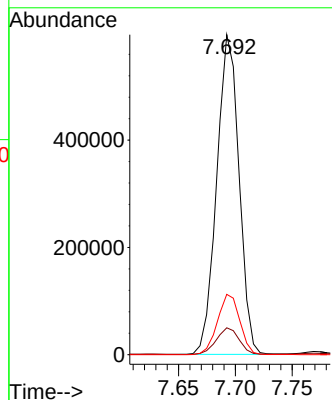
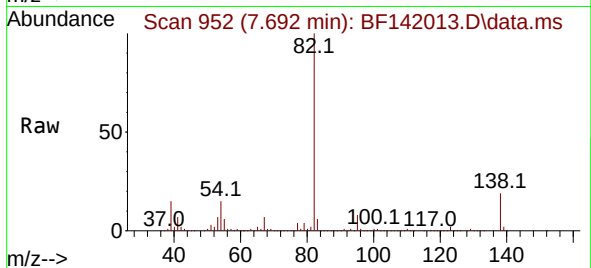




#25  
Isophorone  
Concen: 45.083 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

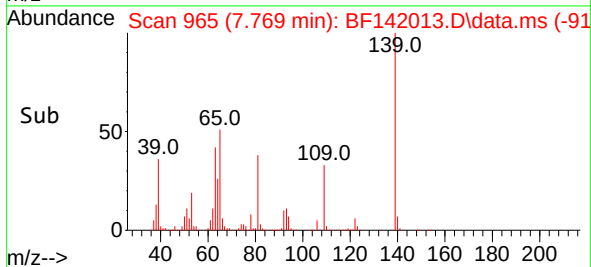
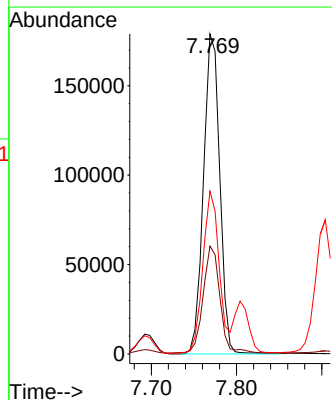
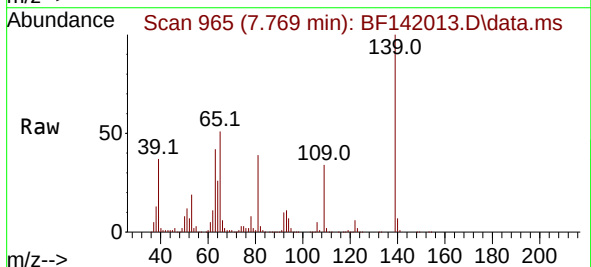
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

Tgt Ion: 82 Resp: 815432  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.4 9.6  
138 18.8 14.9 22.3

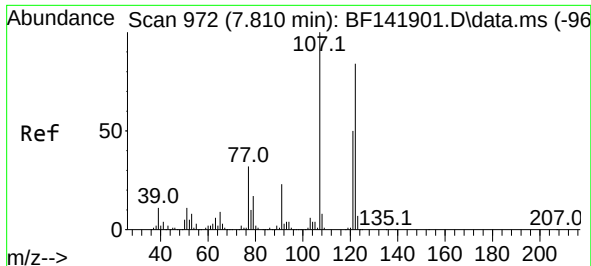


#26  
2-Nitrophenol  
Concen: 47.607 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 139 Resp: 237681  
Ion Ratio Lower Upper  
139 100  
109 33.7 26.5 39.7  
65 50.8 40.3 60.5

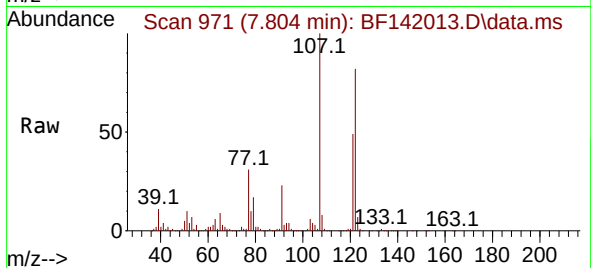




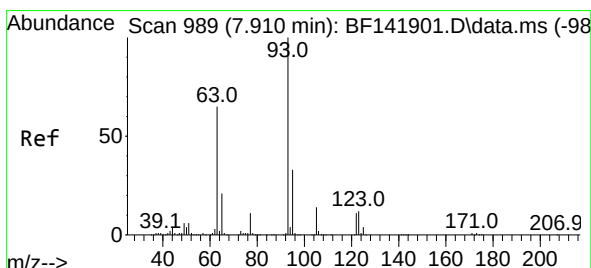
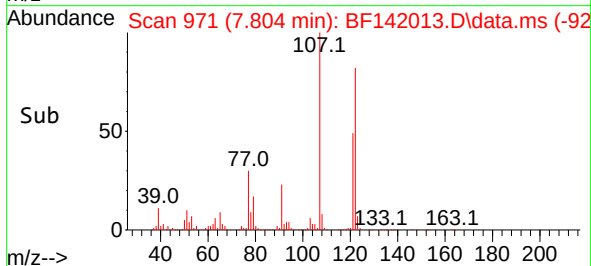
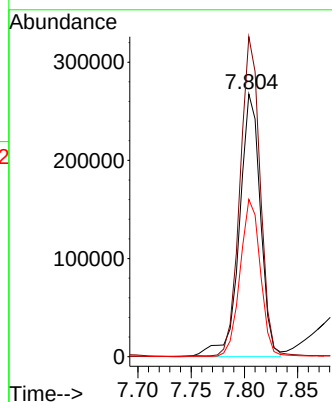


#27  
2,4-Dimethylphenol  
Concen: 53.554 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

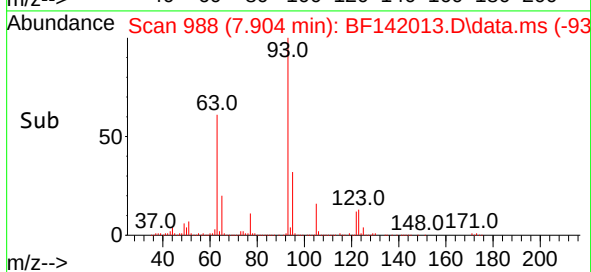
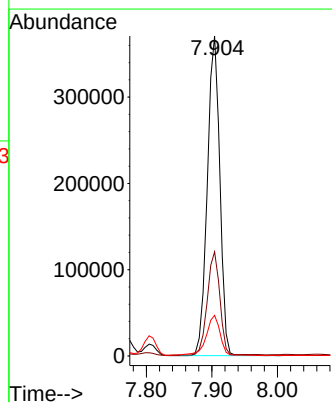
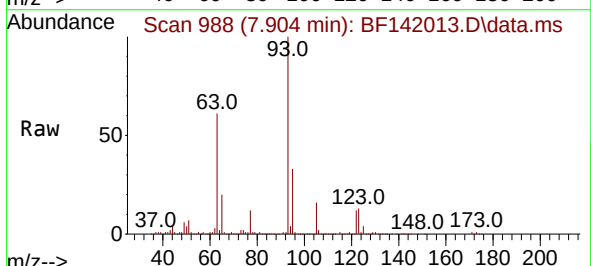


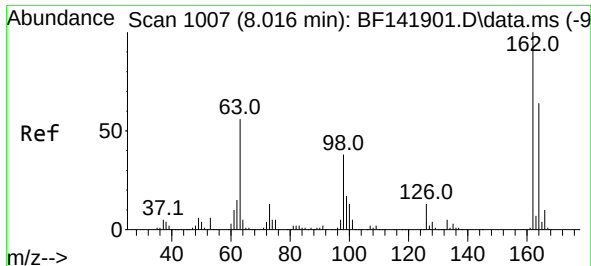
Tgt Ion:122 Resp: 368159  
Ion Ratio Lower Upper  
122 100  
107 121.8 94.8 142.2  
121 59.9 47.8 71.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.410 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 93 Resp: 492464  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.6 40.0  
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.428 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

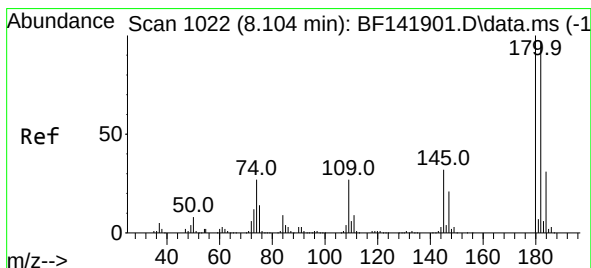
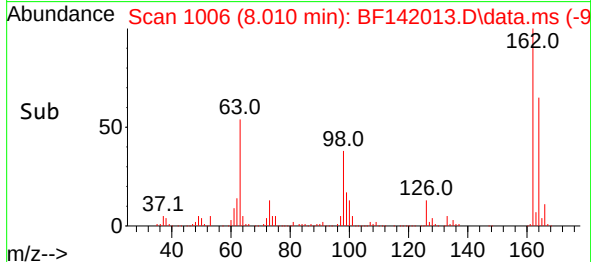
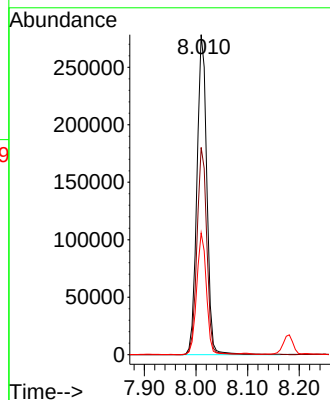
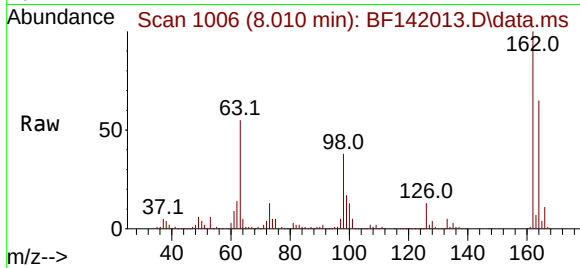
Tgt Ion:162 Resp: 370565

Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

98 38.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.596 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

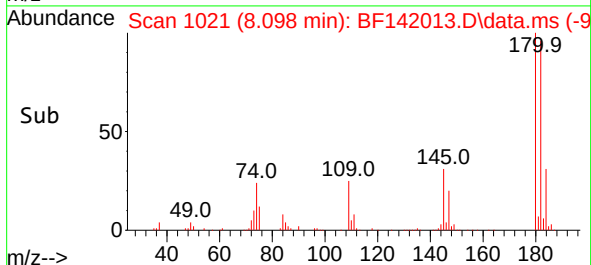
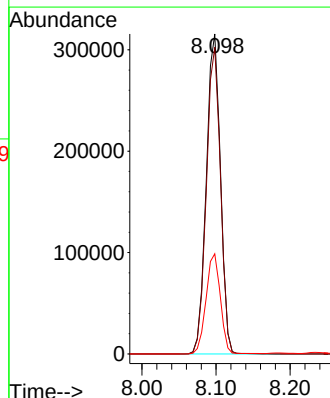
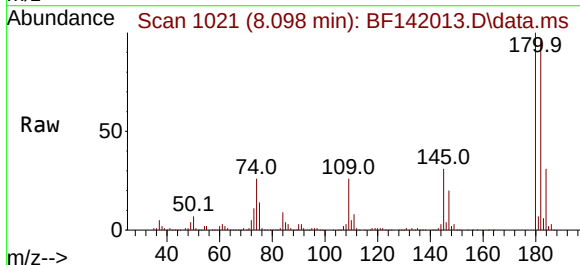
Tgt Ion:180 Resp: 419357

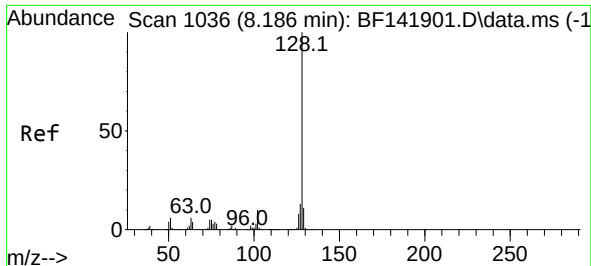
Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

145 31.3 25.8 38.6

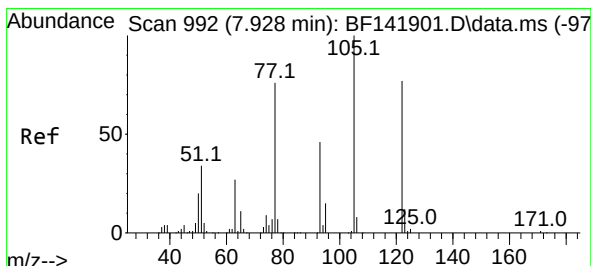
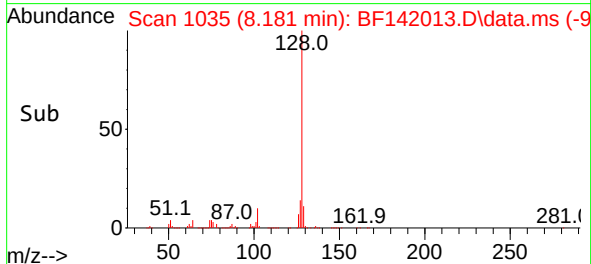
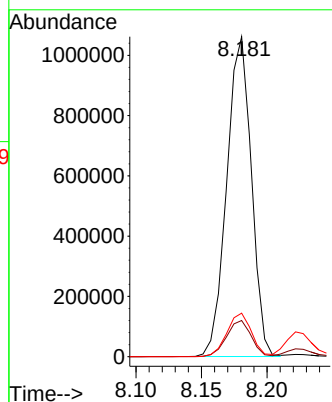
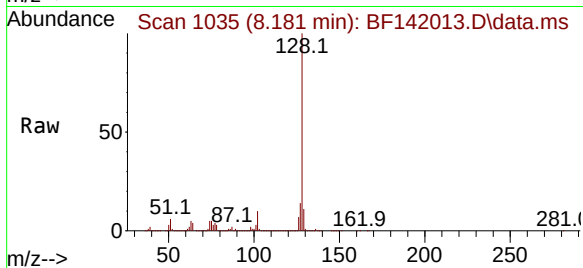




#31  
Naphthalene  
Concen: 46.884 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

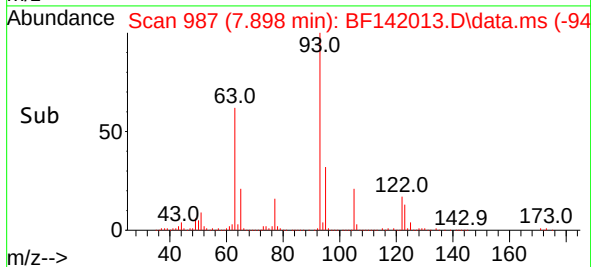
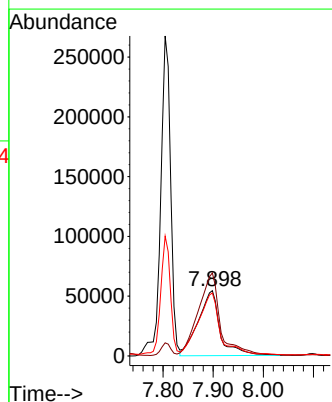
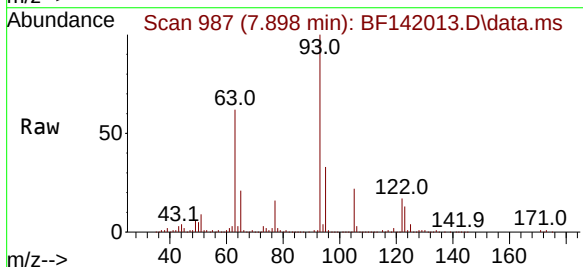
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

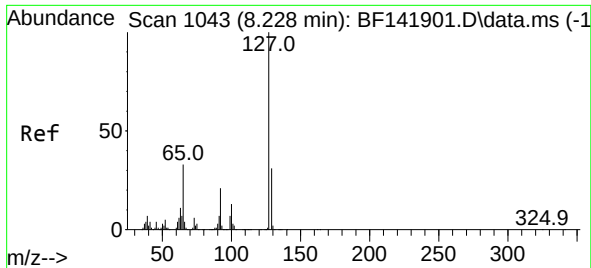
Tgt Ion:128 Resp: 1386811  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 27.422 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.030 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:122 Resp: 165709  
Ion Ratio Lower Upper  
122 100  
105 127.0 107.9 147.9  
77 96.4 79.0 119.0

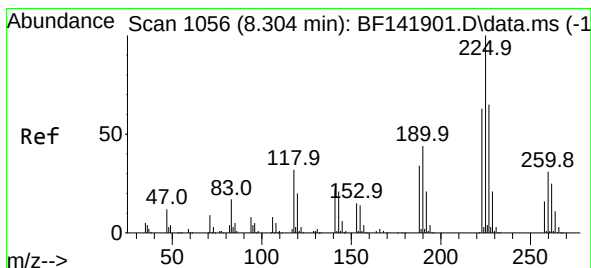
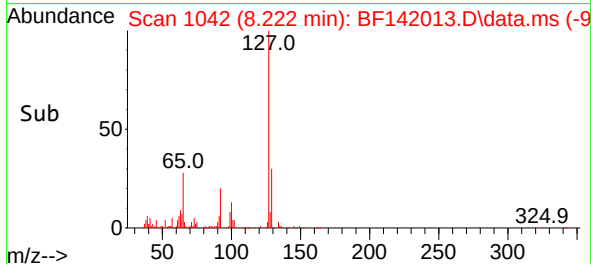
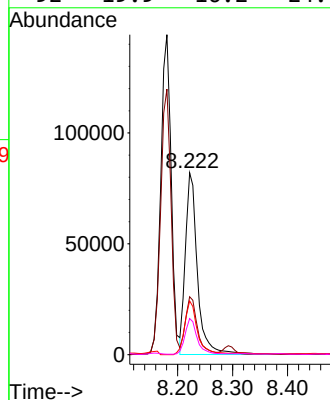
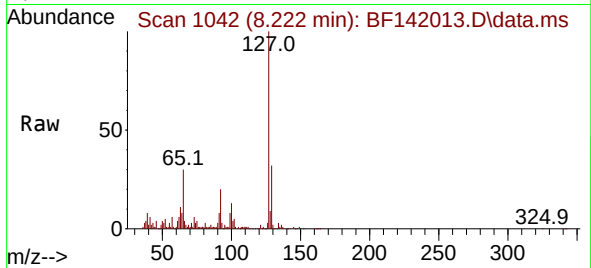




#33  
4-Chloroaniline  
Concen: 11.951 ng  
RT: 8.222 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

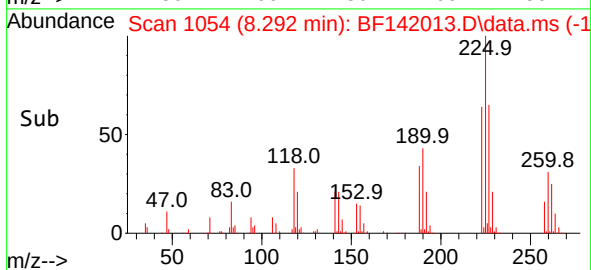
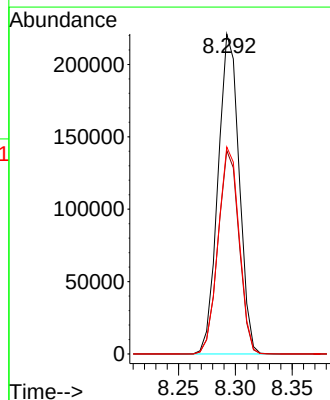
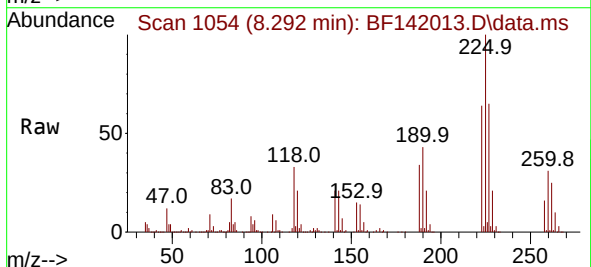
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

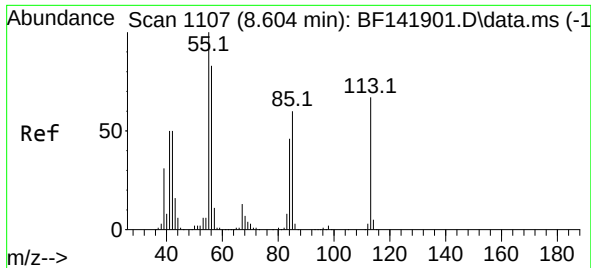
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 124789 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 31.8    | 26.2  | 39.4   |
| 65  | 29.6    | 25.4  | 38.2   |
| 92  | 19.9    | 16.2  | 24.4   |



#34  
Hexachlorobutadiene  
Concen: 46.529 ng  
RT: 8.292 min Scan# 1054  
Delta R.T. -0.012 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 285339 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.5    | 50.6  | 75.8   |
| 227 | 64.7    | 52.2  | 78.2   |

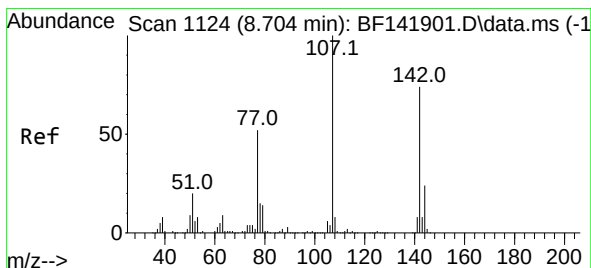
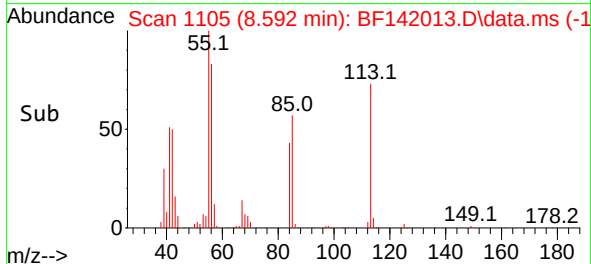
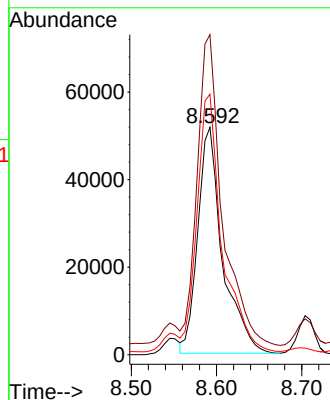
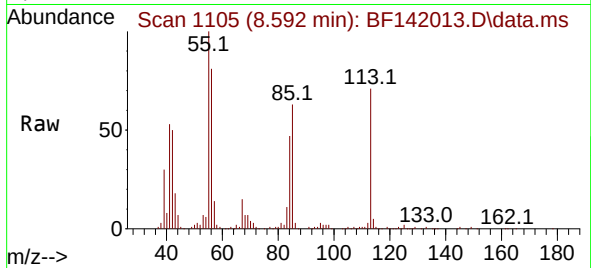




#35  
 Caprolactam  
 Concen: 40.007 ng  
 RT: 8.592 min Scan# 1105  
 Delta R.T. -0.012 min  
 Lab File: BF142013.D  
 Acq: 20 Mar 2025 16:07

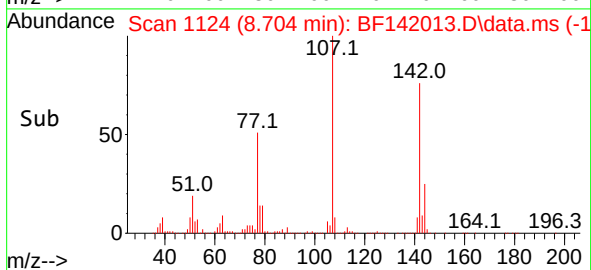
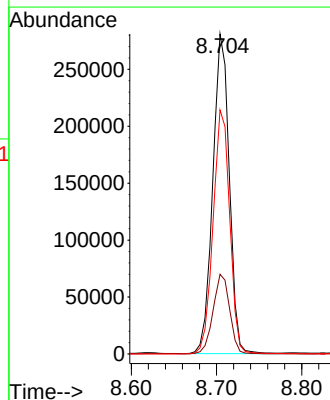
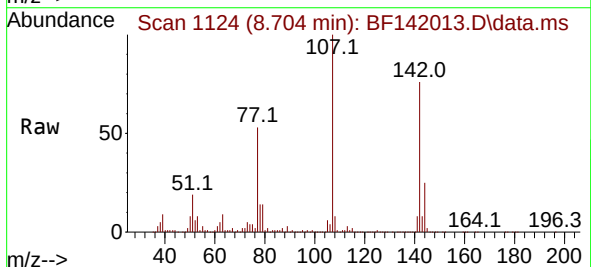
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR251346MS

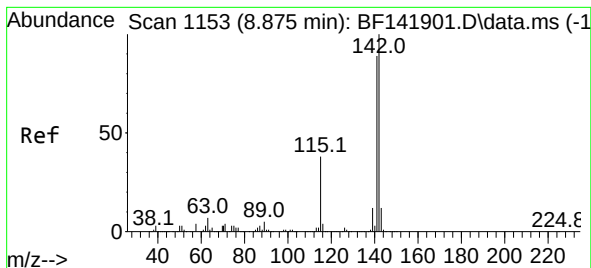
Tgt Ion:113 Resp: 104077  
 Ion Ratio Lower Upper  
 113 100  
 55 140.8 129.6 169.6  
 56 114.6 104.0 144.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.645 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: BF142013.D  
 Acq: 20 Mar 2025 16:07

Tgt Ion:107 Resp: 377361  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 19.0 28.6  
 142 76.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.647 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

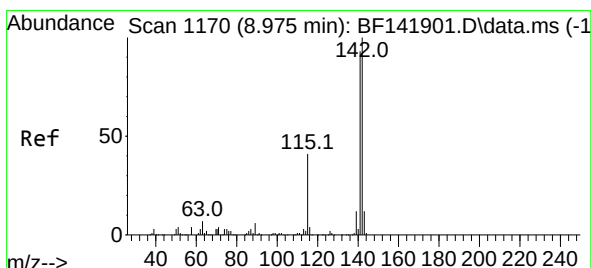
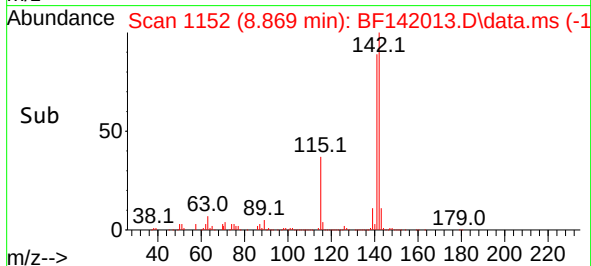
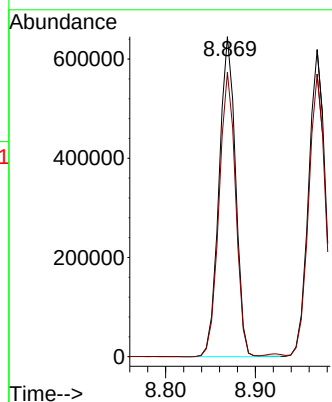
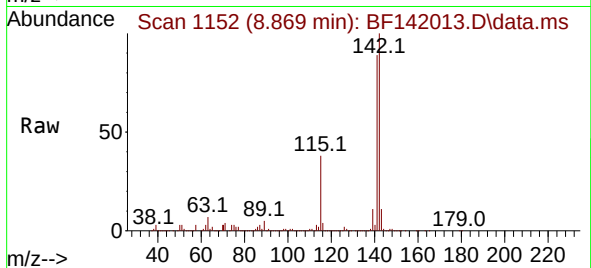
RBR251346MS

Tgt Ion:142 Resp: 823427

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.407 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142013.D

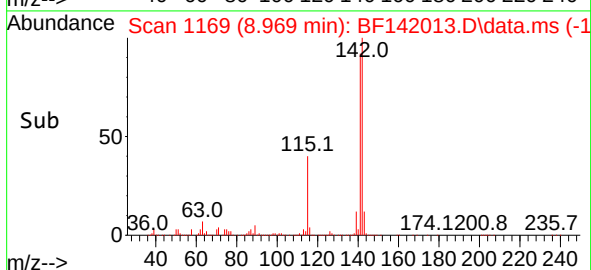
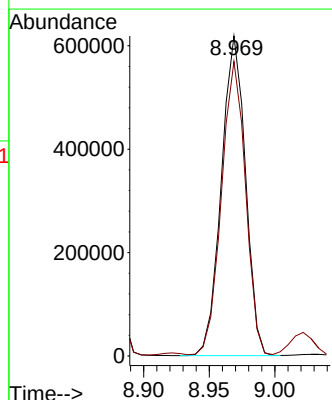
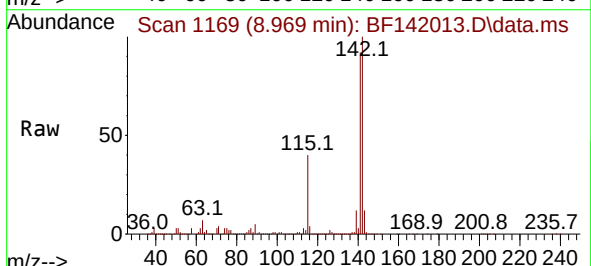
Acq: 20 Mar 2025 16:07

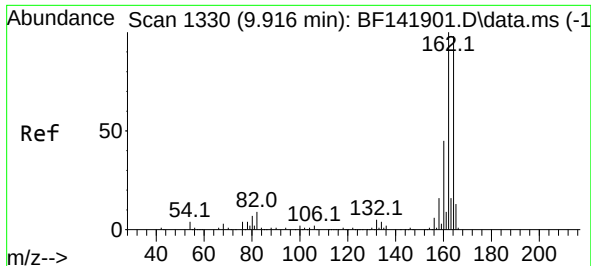
Tgt Ion:142 Resp: 790016

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

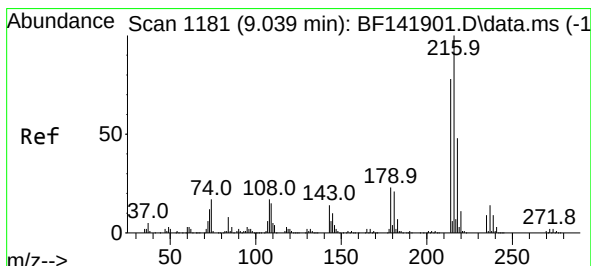
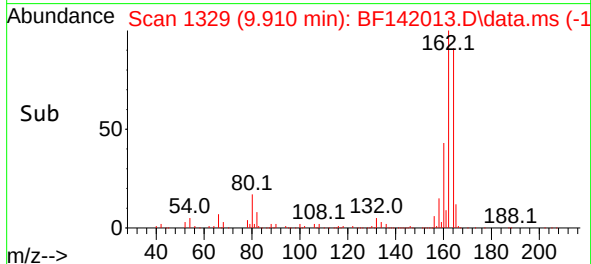
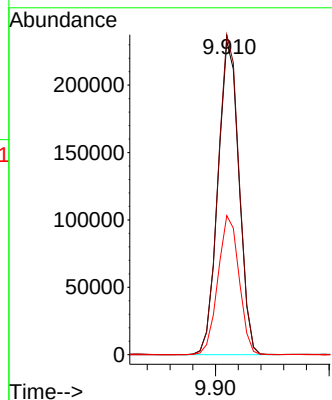
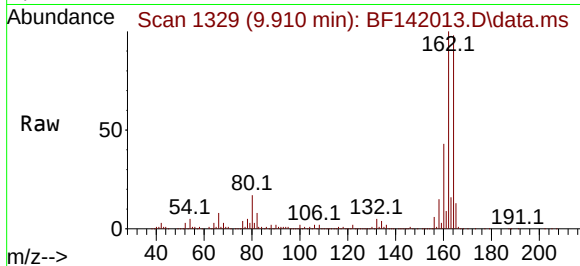




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

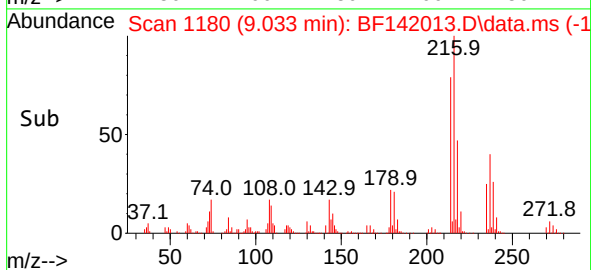
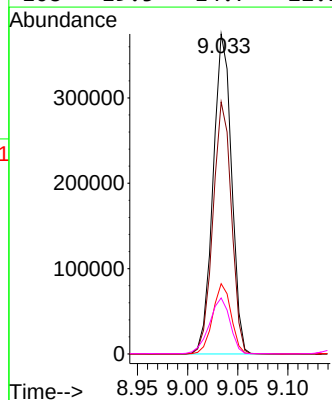
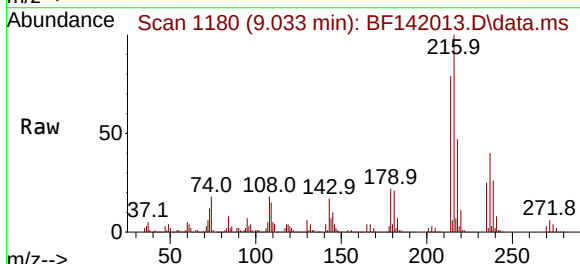
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

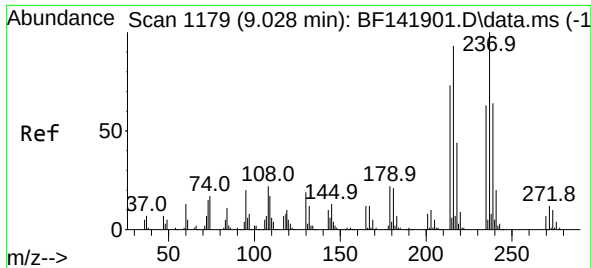
Tgt Ion:164 Resp: 299248  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.8 122.6  
160 44.4 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.660 ng  
RT: 9.033 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:216 Resp: 479779  
Ion Ratio Lower Upper  
216 100  
214 78.6 61.9 92.9  
179 22.0 18.1 27.1  
108 19.5 14.7 22.1

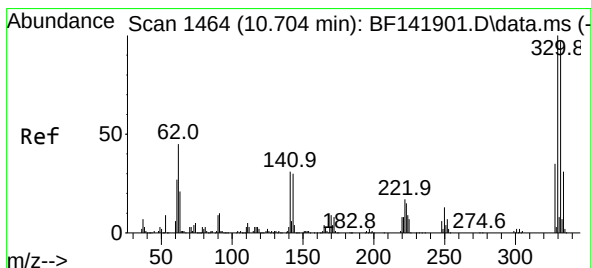
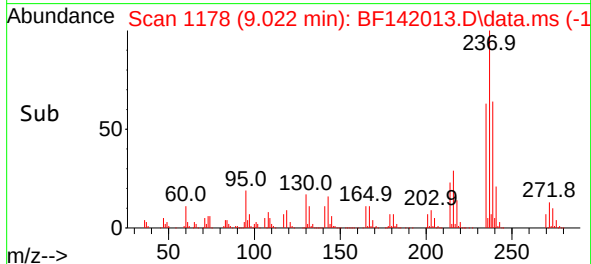
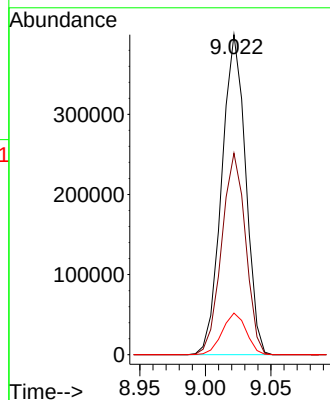
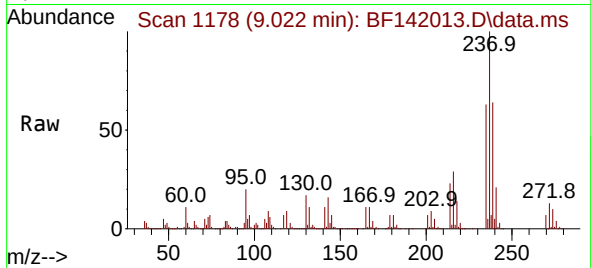




#41  
Hexachlorocyclopentadiene  
Concen: 141.877 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

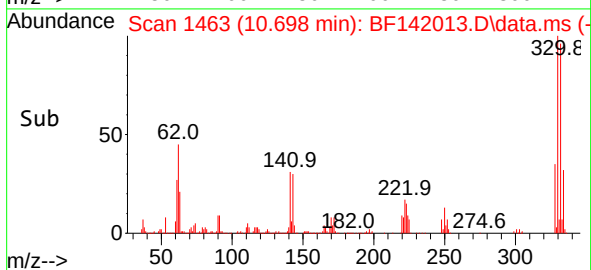
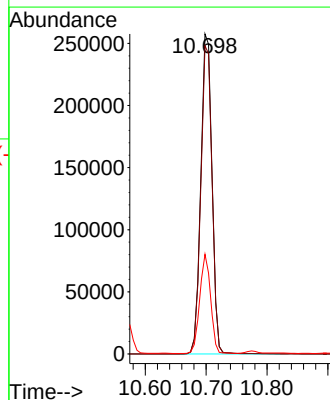
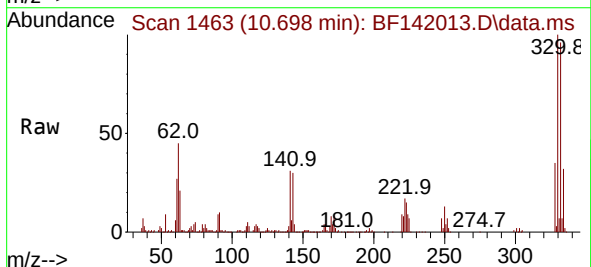
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

Tgt Ion:237 Resp: 505880  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.1 83.1  
272 13.0 0.0 32.0

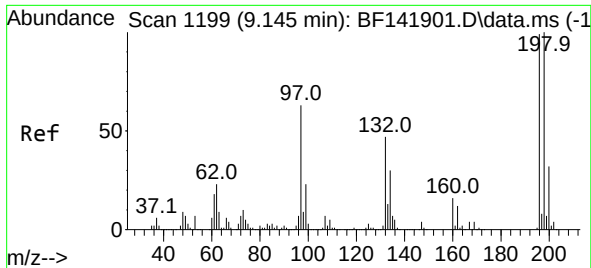


#42  
2,4,6-Tribromophenol  
Concen: 86.860 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:330 Resp: 329752  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.6 116.4  
141 30.0 24.7 37.1







#43

2,4,6-Trichlorophenol

Concen: 44.858 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

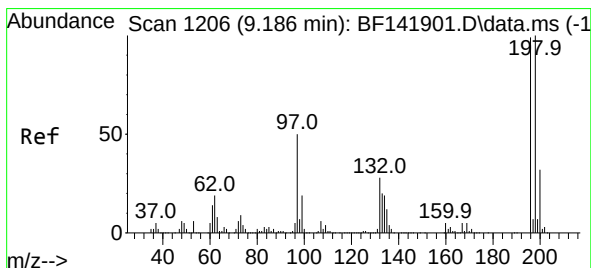
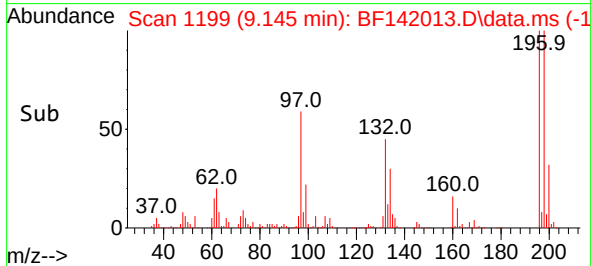
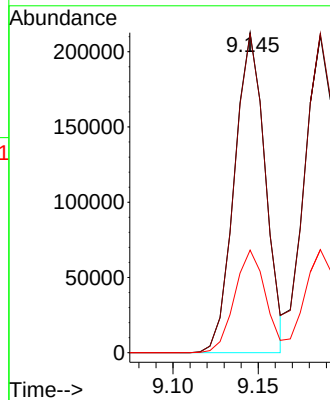
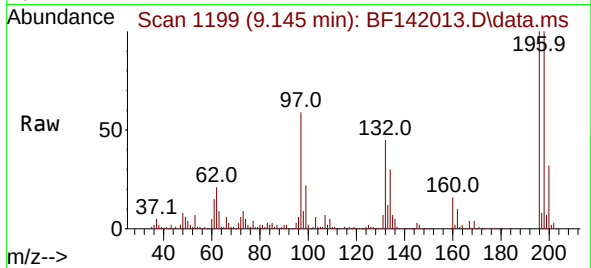
Tgt Ion:196 Resp: 267098

Ion Ratio Lower Upper

196 100

198 99.7 80.6 121.0

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 45.196 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Tgt Ion:196 Resp: 272559

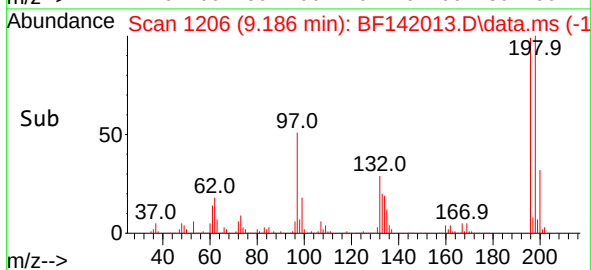
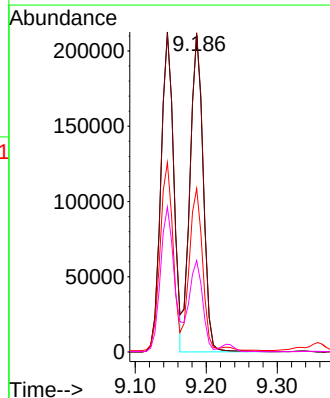
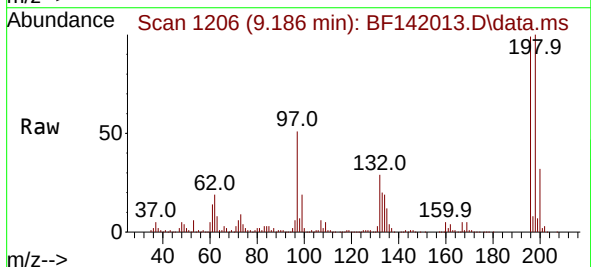
Ion Ratio Lower Upper

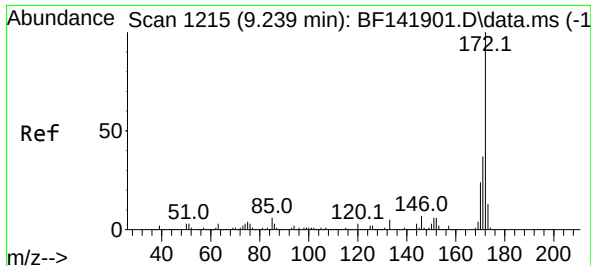
196 100

198 100.7 80.7 121.1

97 51.5 42.1 63.1

132 28.8 23.4 35.2

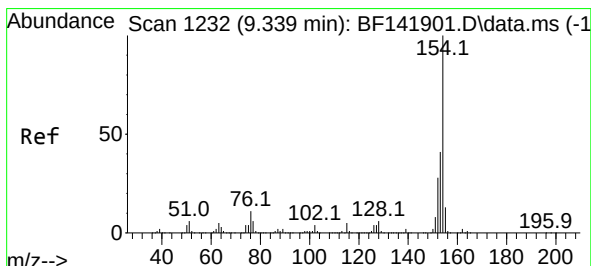
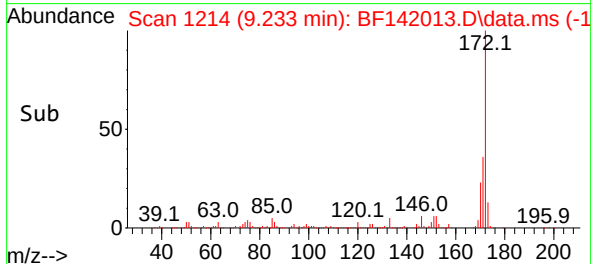
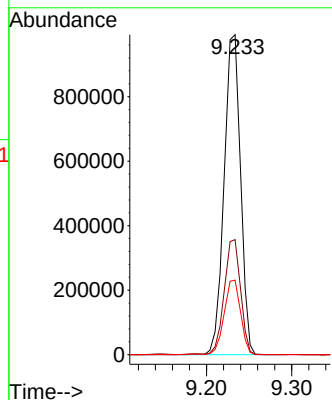
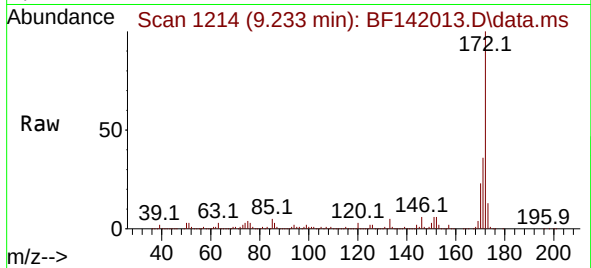




#45  
2-Fluorobiphenyl  
Concen: 67.604 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

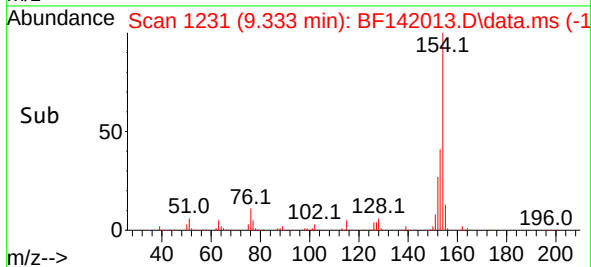
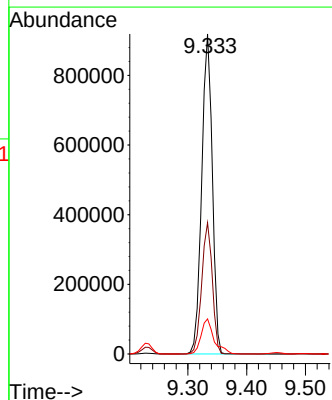
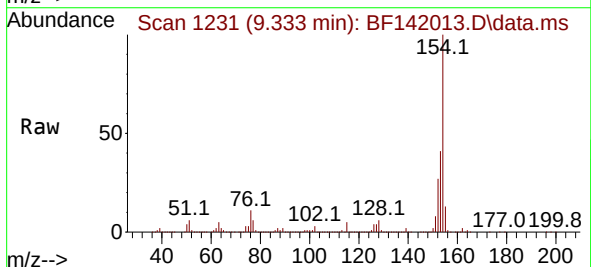
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

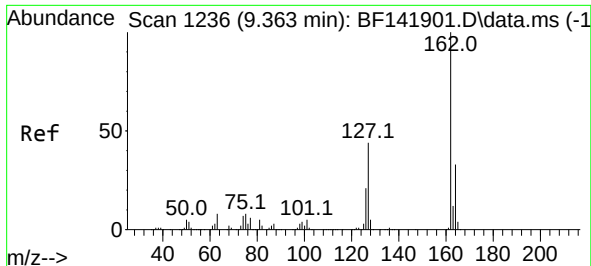
Tgt Ion:172 Resp: 1330230  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.3 43.9  
170 23.3 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 50.671 ng  
RT: 9.333 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:154 Resp: 1152112  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.1 61.1  
76 11.0 0.0 31.3

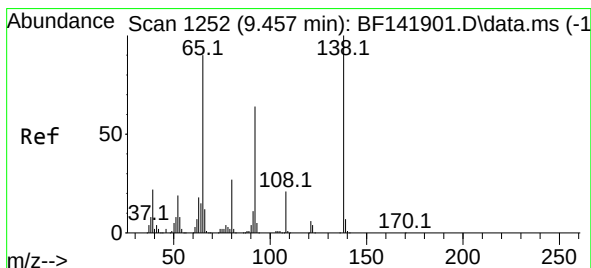
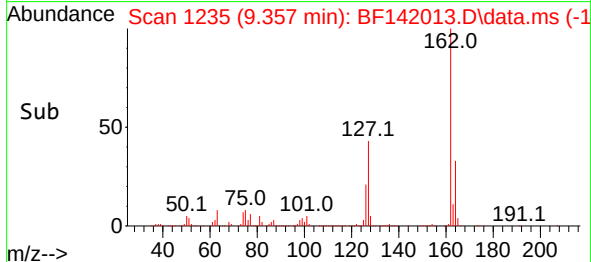
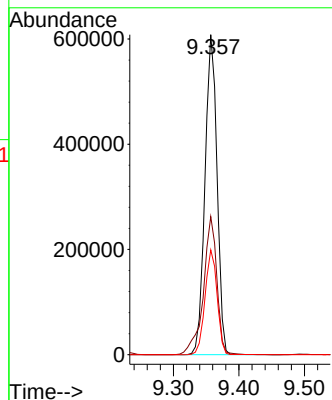
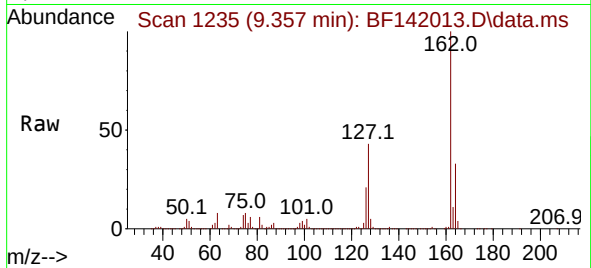




#47  
2-Chloronaphthalene  
Concen: 46.000 ng  
RT: 9.357 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

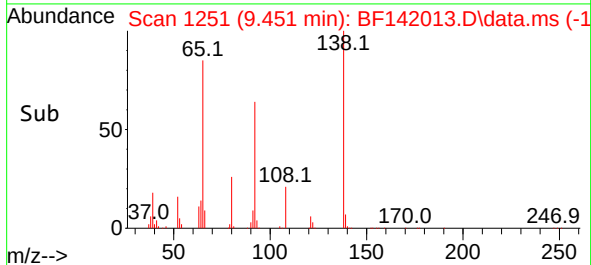
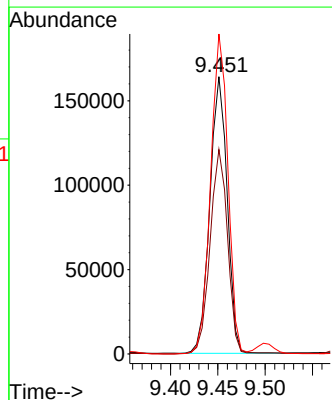
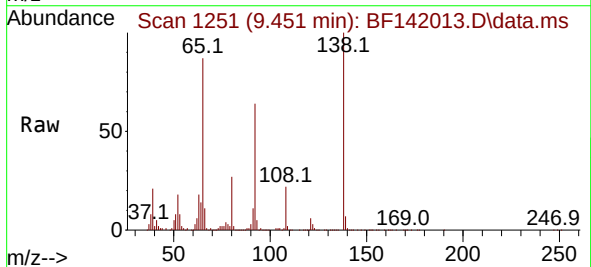
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

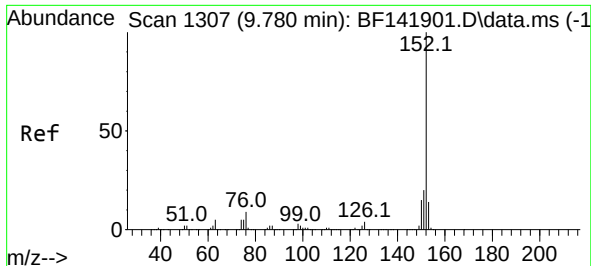
Tgt Ion:162 Resp: 779578  
Ion Ratio Lower Upper  
162 100  
127 43.2 35.5 53.3  
164 32.7 26.6 40.0



#48  
2-Nitroaniline  
Concen: 42.449 ng  
RT: 9.451 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion: 65 Resp: 208295  
Ion Ratio Lower Upper  
65 100  
92 73.7 56.6 84.8  
138 115.4 88.6 133.0





#49

Acenaphthylene

Concen: 46.367 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

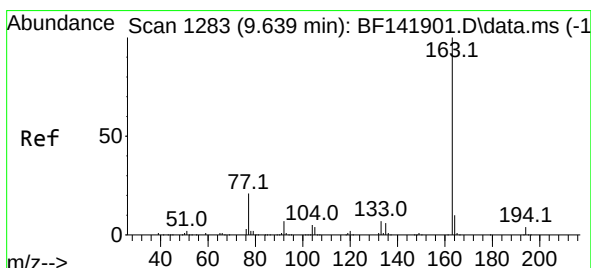
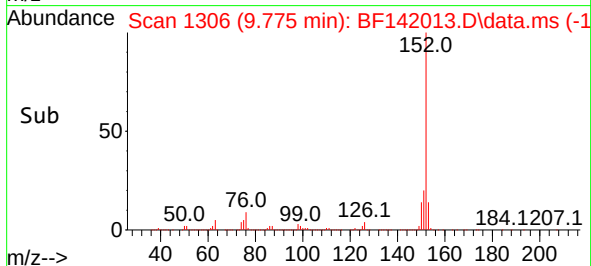
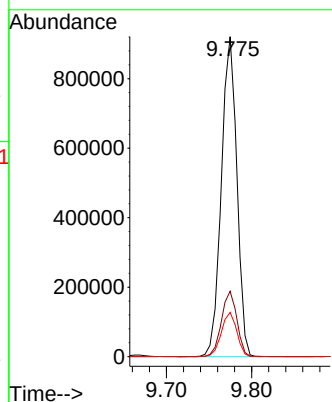
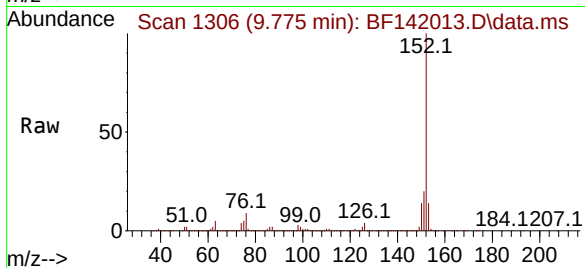
Tgt Ion:152 Resp: 1166082

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 43.812 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

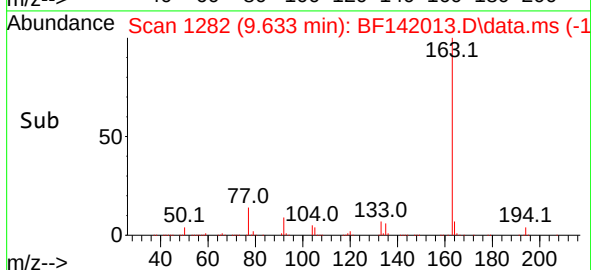
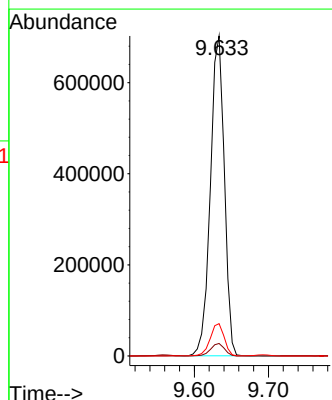
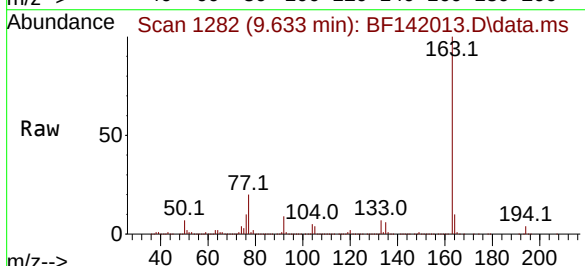
Tgt Ion:163 Resp: 918104

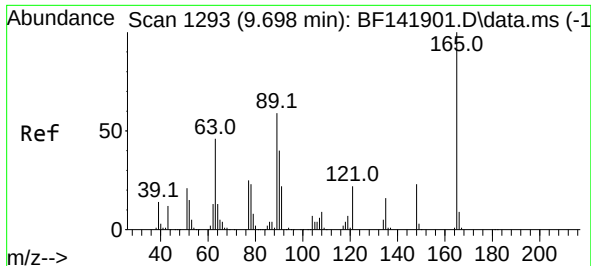
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.4

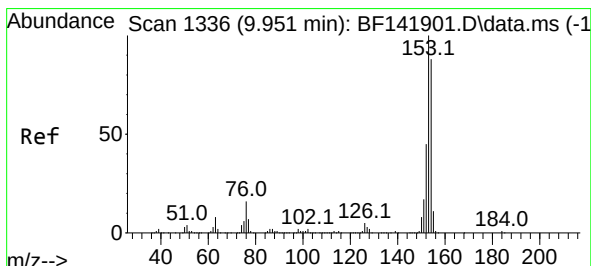
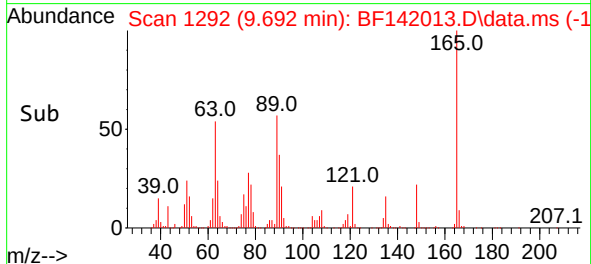
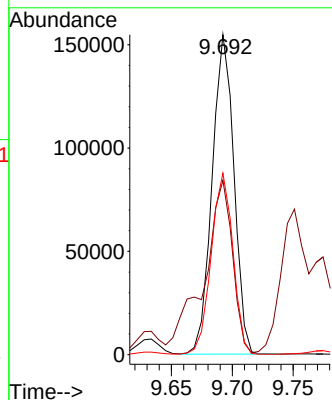
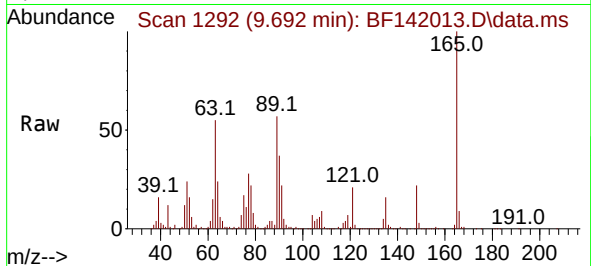




#51  
2,6-Dinitrotoluene  
Concen: 44.021 ng  
RT: 9.692 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

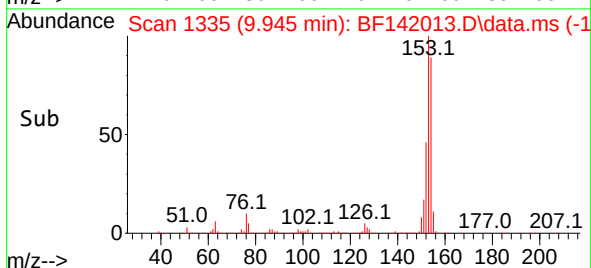
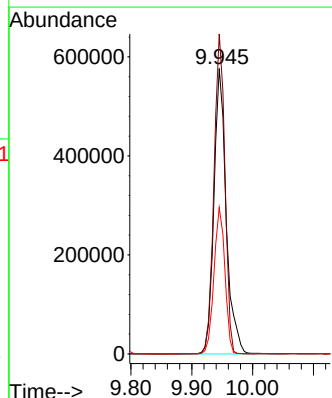
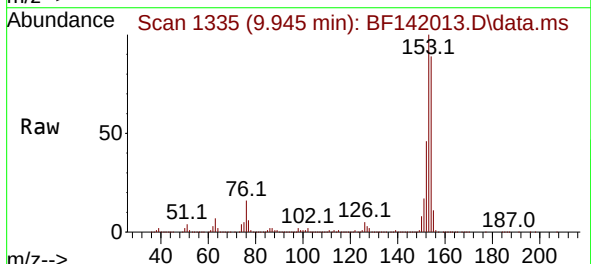
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

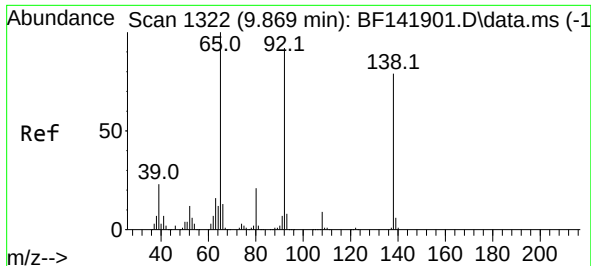
Tgt Ion:165 Resp: 192071  
Ion Ratio Lower Upper  
165 100  
63 54.5 47.0 70.4  
89 56.7 47.4 71.2



#52  
Acenaphthene  
Concen: 45.870 ng  
RT: 9.945 min Scan# 1335  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:154 Resp: 810682  
Ion Ratio Lower Upper  
154 100  
153 112.1 90.7 136.1  
152 51.3 41.1 61.7

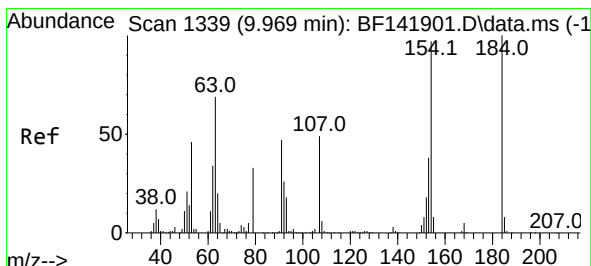
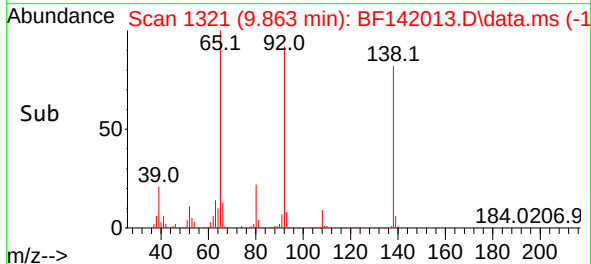
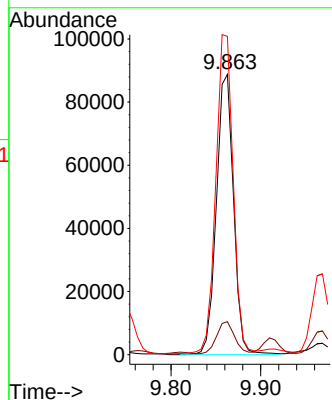
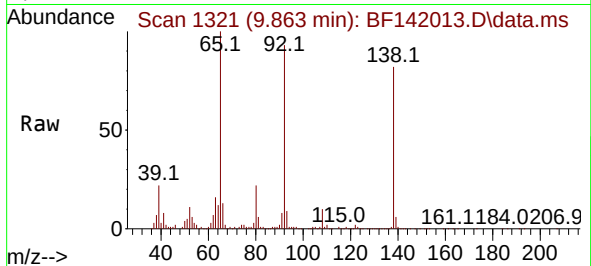




#53  
3-Nitroaniline  
Concen: 26.650 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

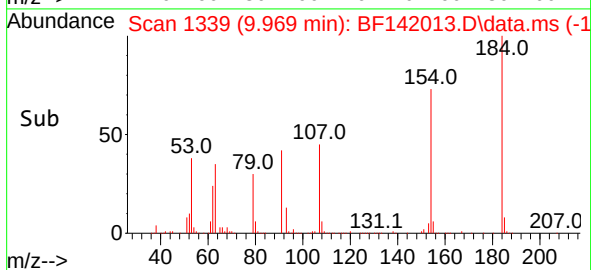
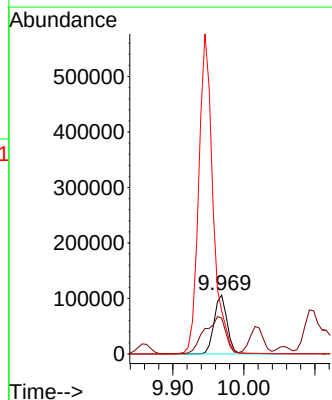
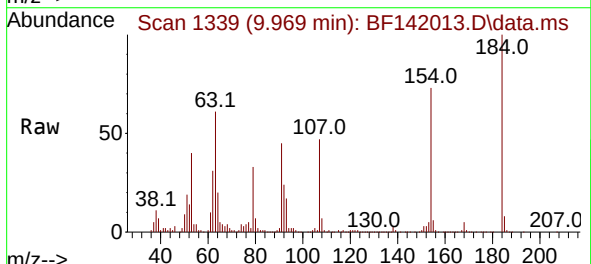
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

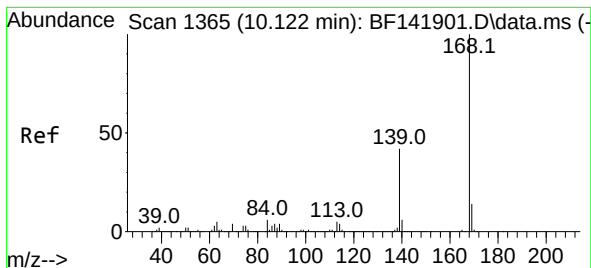
Tgt Ion:138 Resp: 117949  
Ion Ratio Lower Upper  
138 100  
108 11.7 9.3 13.9  
92 113.6 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 56.803 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:184 Resp: 135668  
Ion Ratio Lower Upper  
184 100  
63 61.2 60.2 90.4  
154 73.4 132.9 199.3#





#55

Dibenzofuran

Concen: 41.473 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

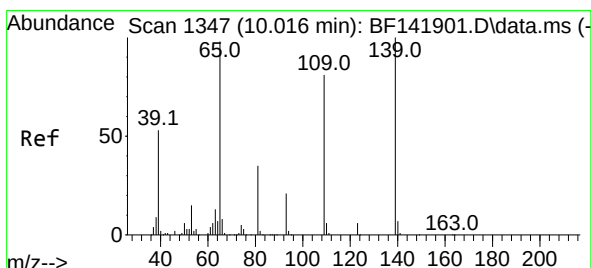
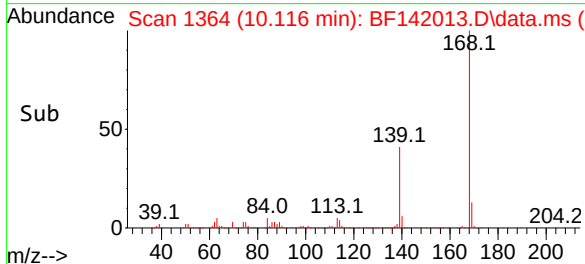
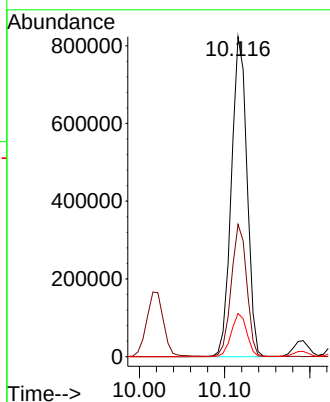
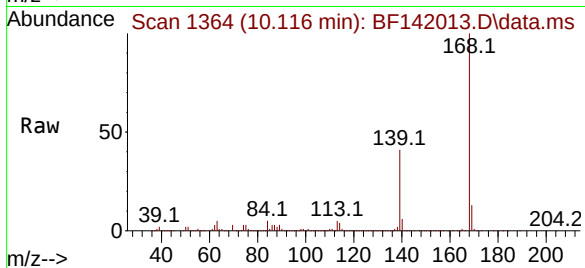
Tgt Ion:168 Resp: 1047331

Ion Ratio Lower Upper

168 100

139 41.4 33.9 50.9

169 13.5 11.0 16.4



#56

4-Nitrophenol

Concen: 68.549 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

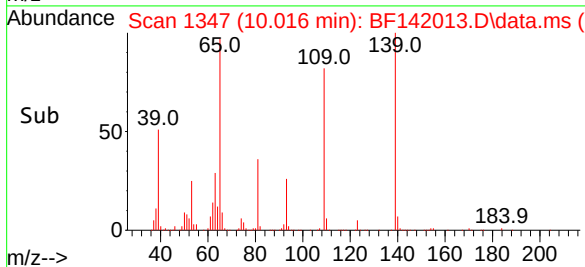
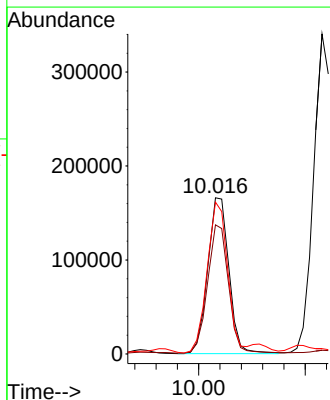
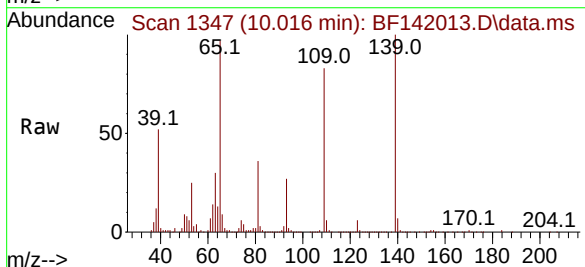
Tgt Ion:139 Resp: 228793

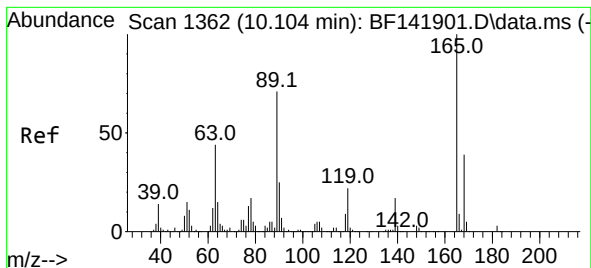
Ion Ratio Lower Upper

139 100

109 82.7 61.6 101.6

65 97.2 79.4 119.4

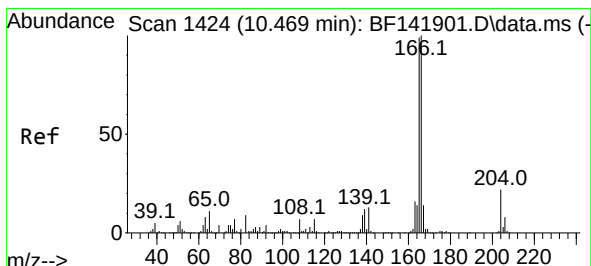
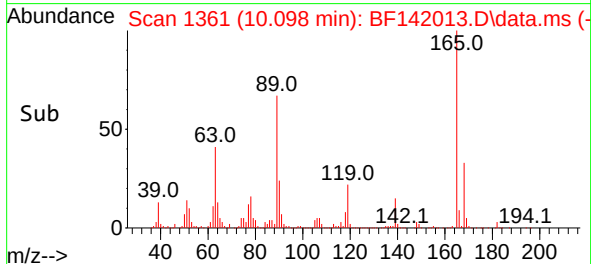
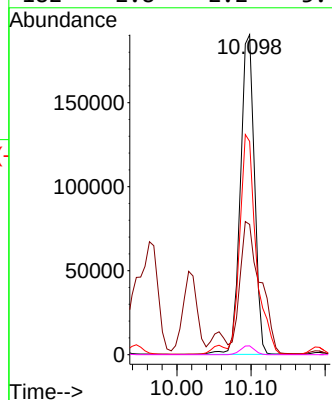
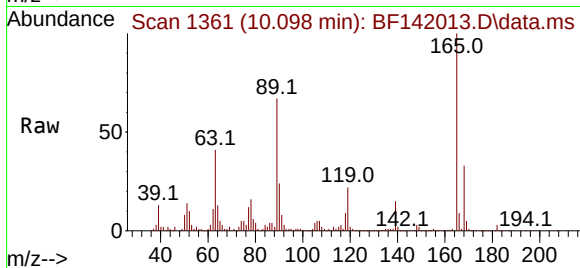




#57  
2,4-Dinitrotoluene  
Concen: 43.947 ng  
RT: 10.098 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

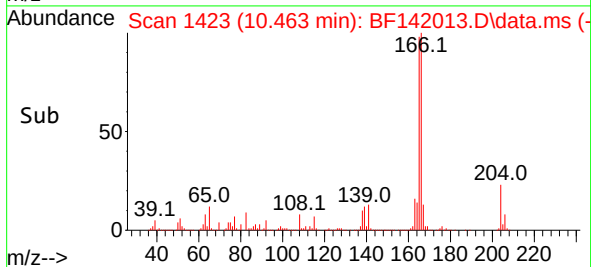
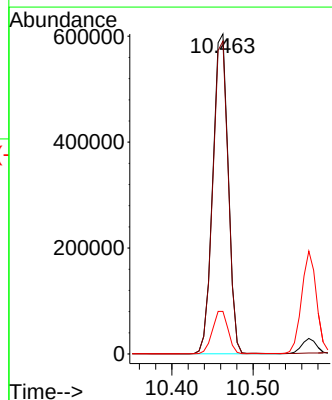
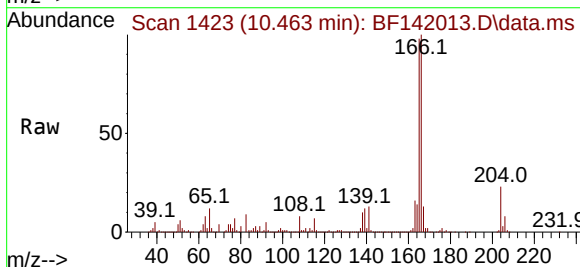
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

Tgt Ion:165 Resp: 250441  
Ion Ratio Lower Upper  
165 100  
63 40.7 35.4 53.2  
89 66.6 56.6 84.8  
182 2.8 2.2 3.4

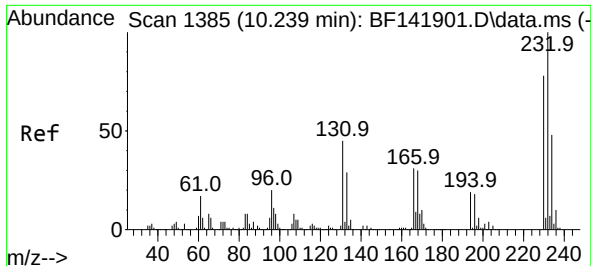


#58  
Fluorene  
Concen: 40.877 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:166 Resp: 796062  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.0 118.4  
167 13.3 11.0 16.4



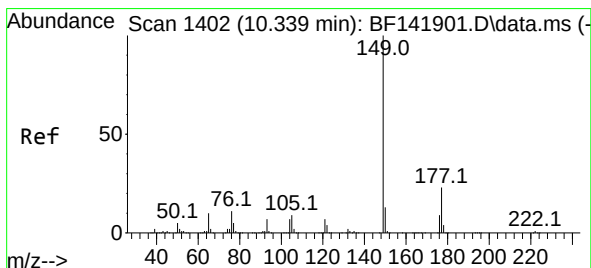
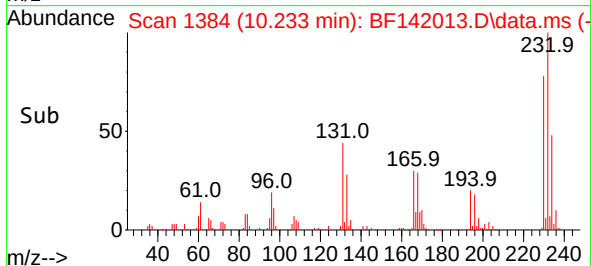
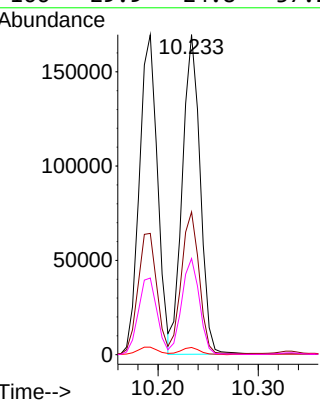
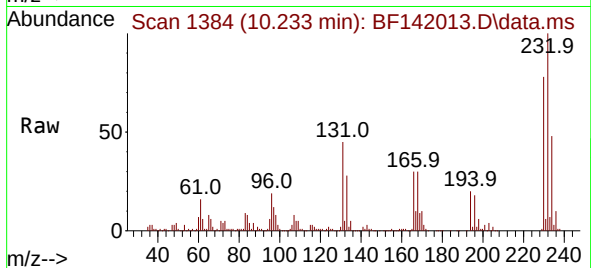




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.993 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

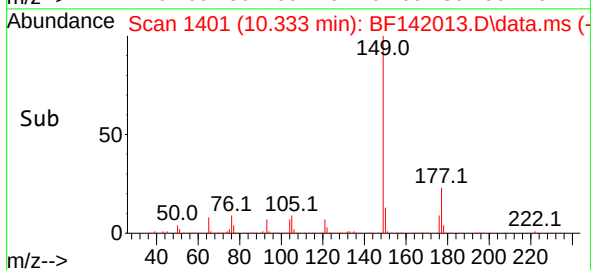
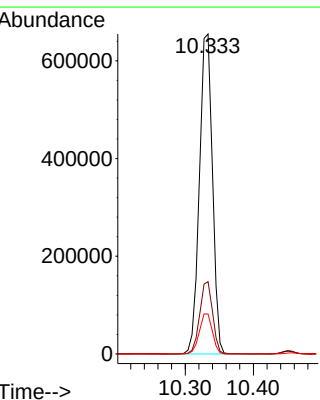
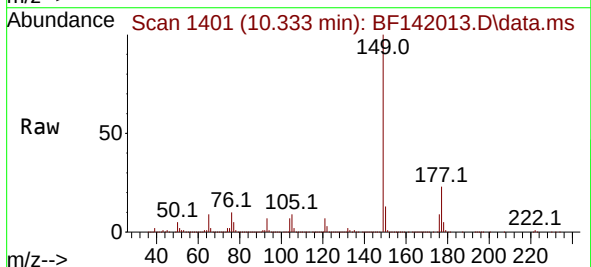
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

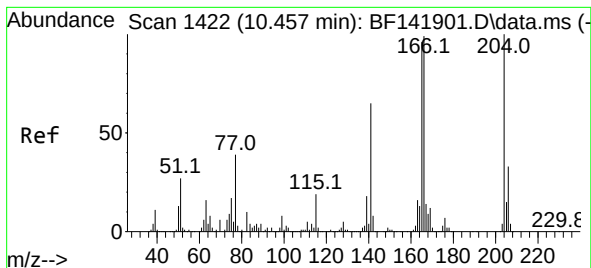
Tgt Ion:232 Resp: 208493  
Ion Ratio Lower Upper  
232 100  
131 44.7 37.3 55.9  
130 2.5 1.9 2.9  
166 29.9 24.8 37.2



#60  
Diethylphthalate  
Concen: 41.746 ng  
RT: 10.333 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:149 Resp: 872296  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.0 27.0  
150 12.5 10.2 15.4

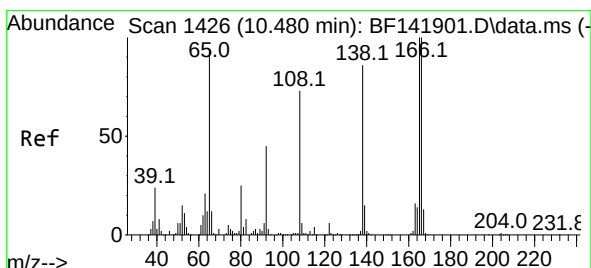
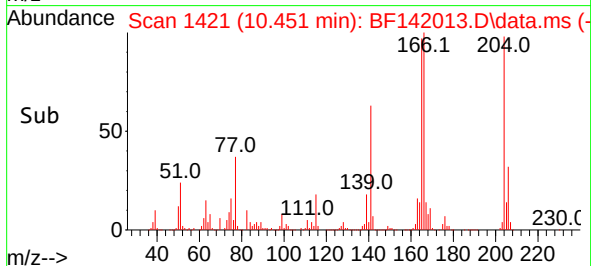
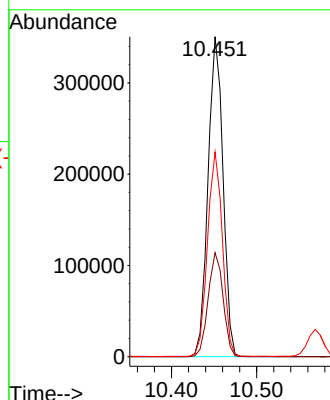
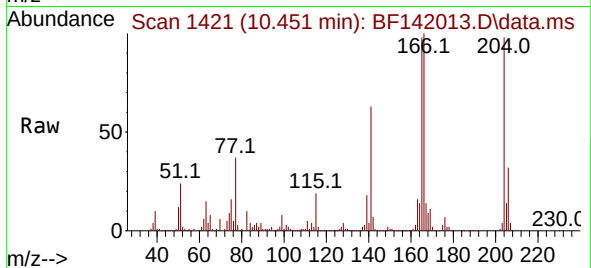




#61  
4-Chlorophenyl-phenylether  
Concen: 42.120 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

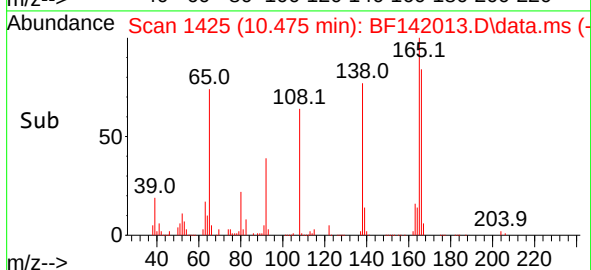
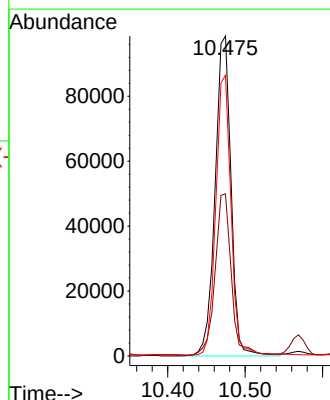
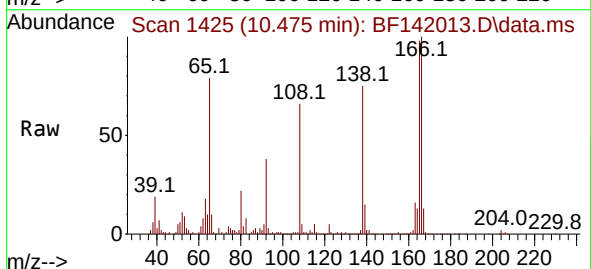
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

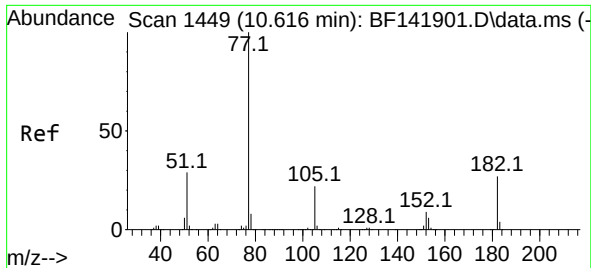
Tgt Ion:204 Resp: 427655  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.8 40.2  
141 64.0 52.4 78.6



#62  
4-Nitroaniline  
Concen: 32.728 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:138 Resp: 141021  
Ion Ratio Lower Upper  
138 100  
92 50.7 32.6 72.6  
108 87.8 65.0 105.0

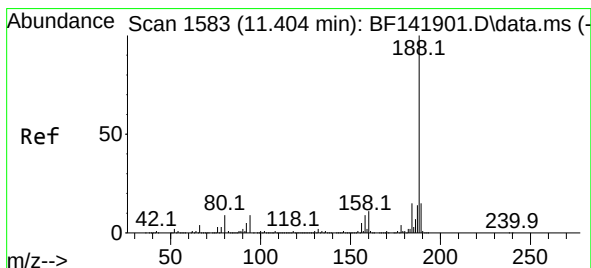
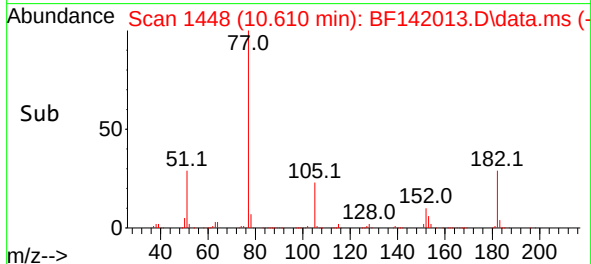
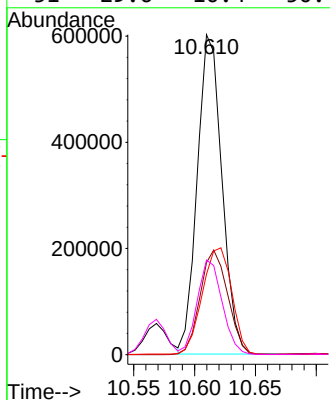
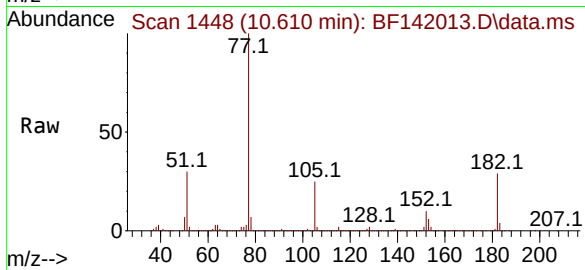




#63  
Azobenzene  
Concen: 43.689 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

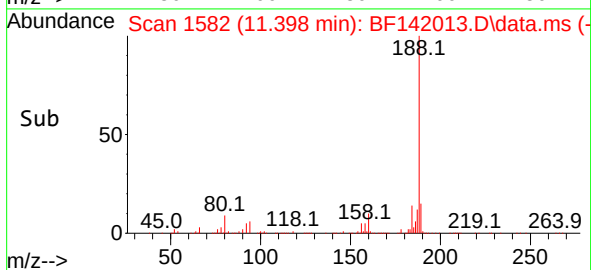
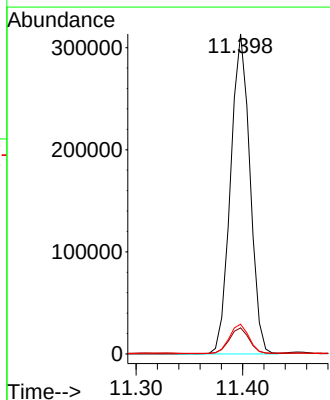
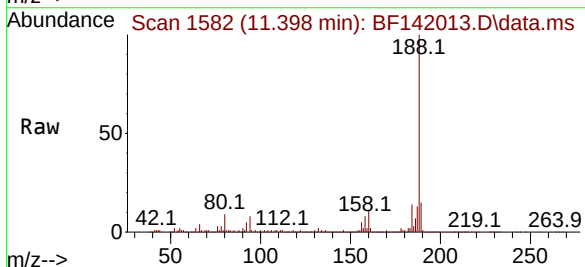
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

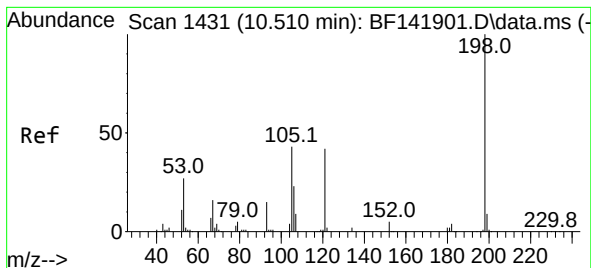
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 848737 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.8    | 6.6 46.6     |
| 105 25.2    | 1.3 41.3     |
| 51 29.6     | 10.4 50.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 397242 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.1      | 6.8 10.2     |
| 80 9.3      | 7.6 11.4     |

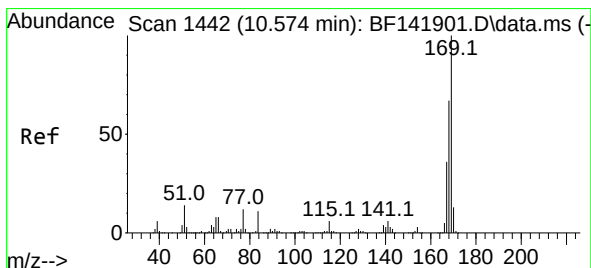
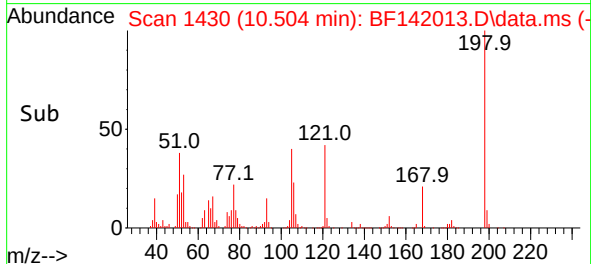
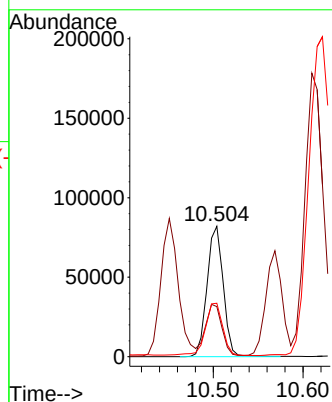
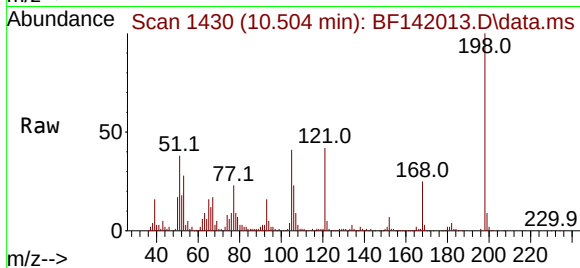




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.550 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

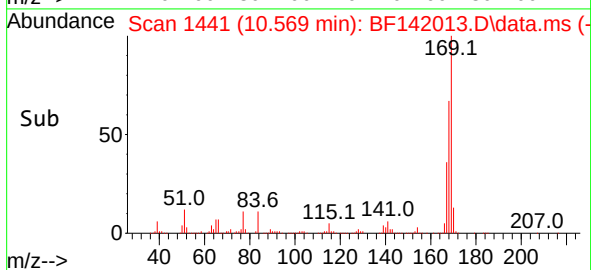
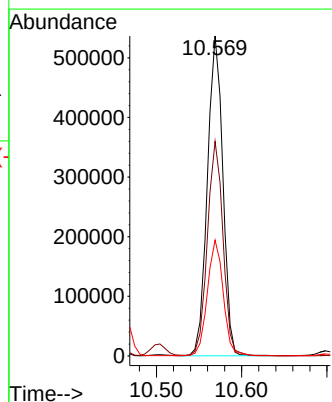
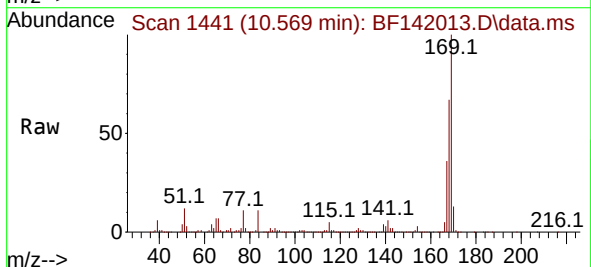
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

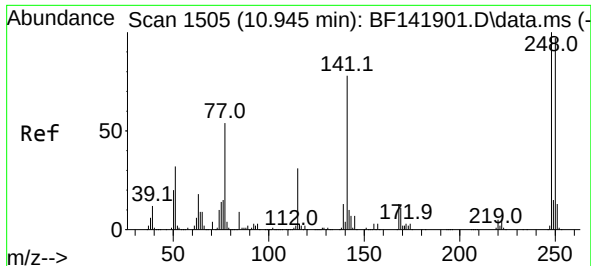
Tgt Ion:198 Resp: 103131  
Ion Ratio Lower Upper  
198 100  
51 38.4 22.3 62.3  
105 40.9 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 52.540 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:169 Resp: 675393  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.7 80.5  
167 36.2 29.2 43.8

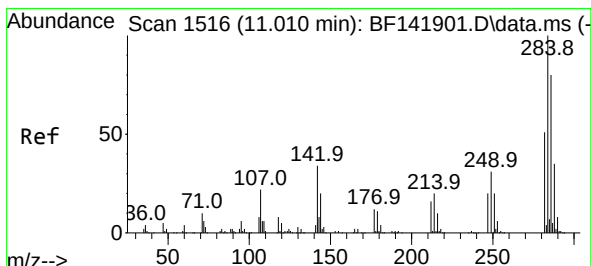
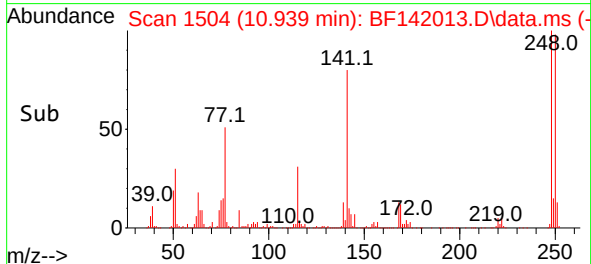
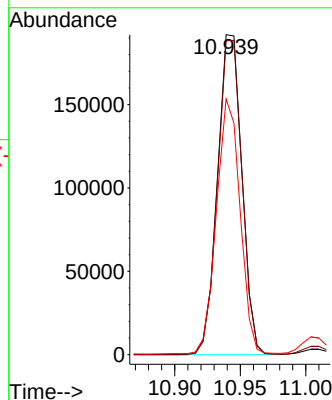
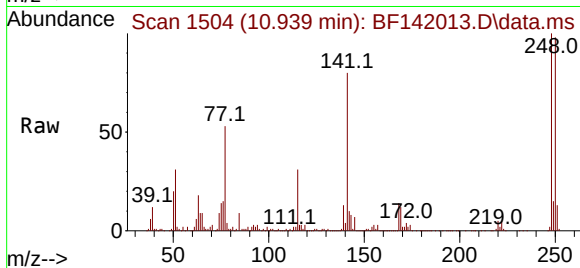




#67  
4-Bromophenyl-phenylether  
Concen: 49.913 ng  
RT: 10.939 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

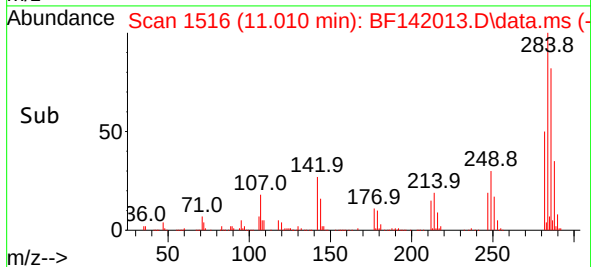
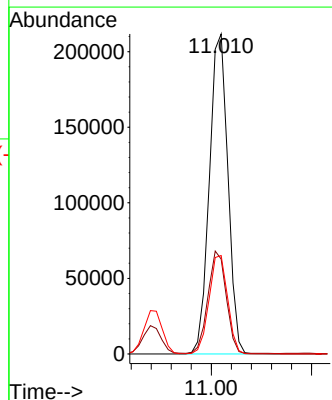
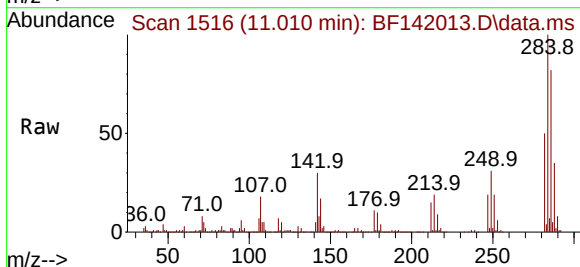
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

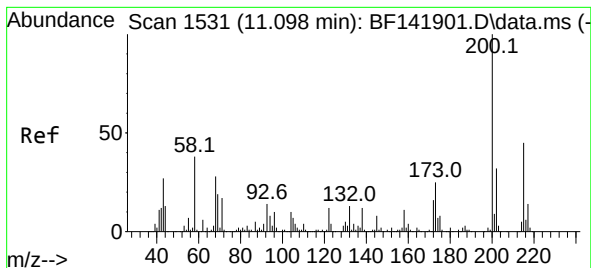
Tgt Ion:248 Resp: 249011  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.8 116.8  
141 79.9 62.6 93.8



#68  
Hexachlorobenzene  
Concen: 49.654 ng  
RT: 11.010 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:284 Resp: 271693  
Ion Ratio Lower Upper  
284 100  
142 29.6 27.0 40.6  
249 30.7 25.2 37.8





#69

Atrazine

Concen: 61.123 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

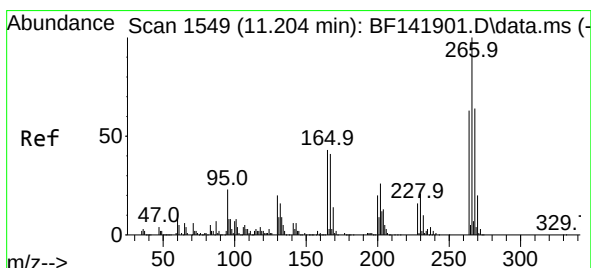
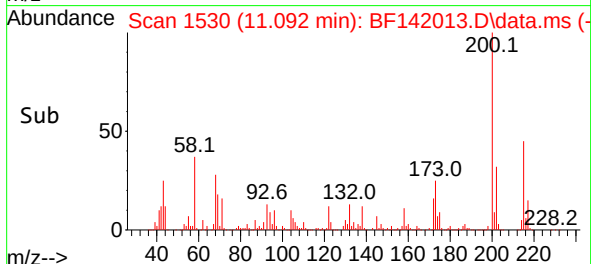
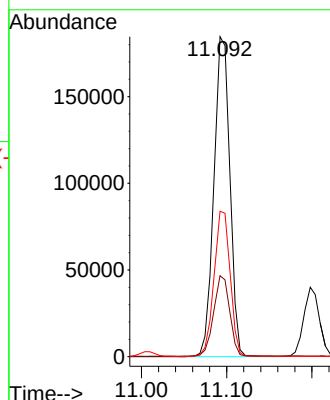
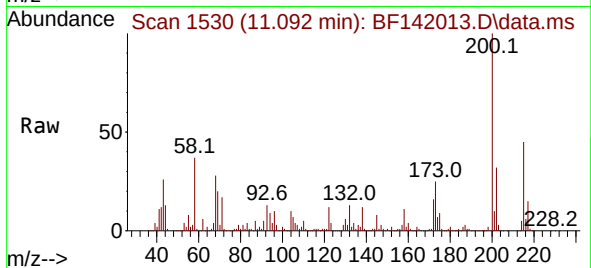
Tgt Ion:200 Resp: 240874

Ion Ratio Lower Upper

200 100

173 25.3 4.7 44.7

215 45.5 25.4 65.4



#70

Pentachlorophenol

Concen: 78.790 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

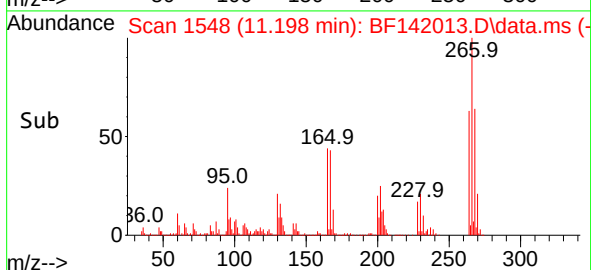
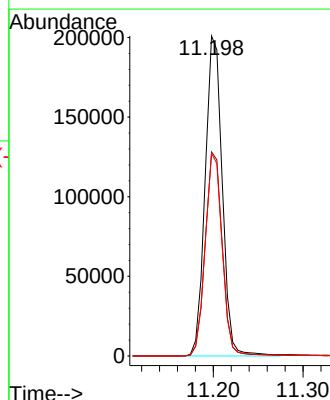
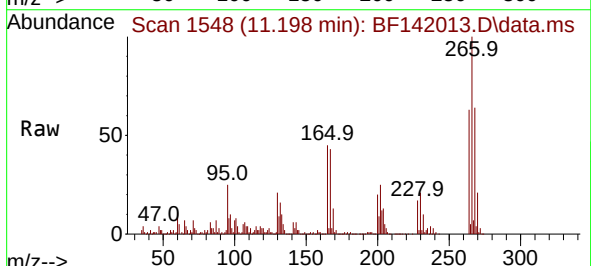
Tgt Ion:266 Resp: 265621

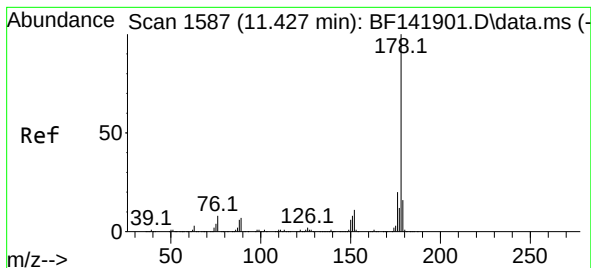
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.3 50.2 75.2





#71

Phenanthrene

Concen: 45.445 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

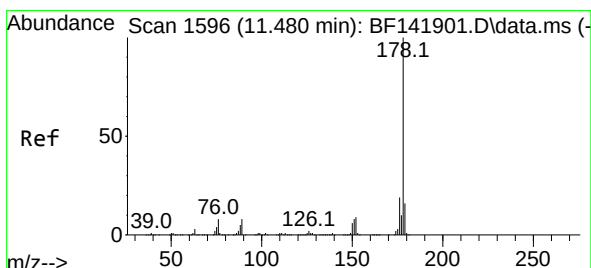
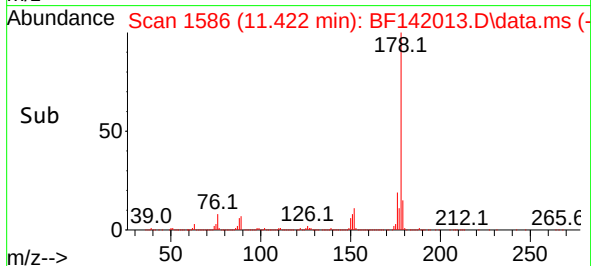
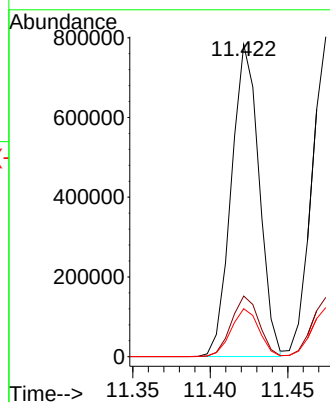
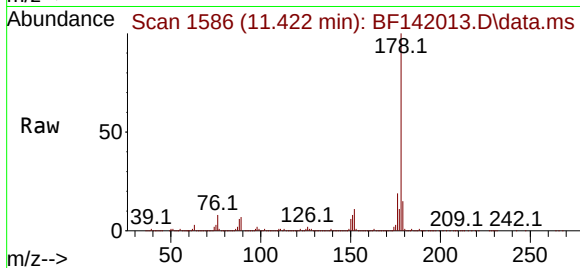
Tgt Ion:178 Resp: 975078

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.4 12.6 19.0



#72

Anthracene

Concen: 46.460 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

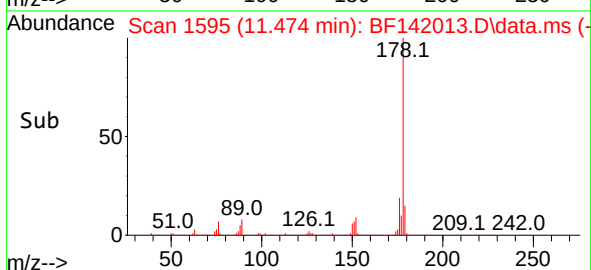
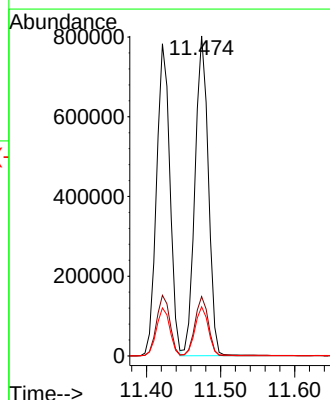
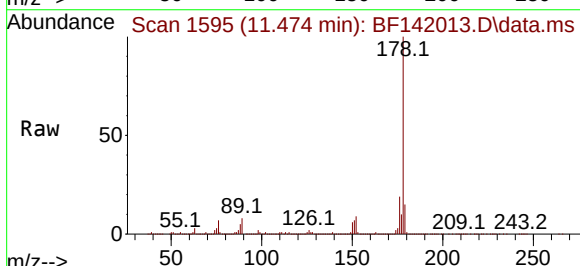
Tgt Ion:178 Resp: 1000107

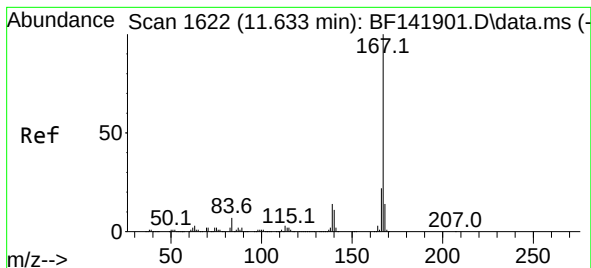
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.3 12.6 19.0





#73

Carbazole

Concen: 39.398 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

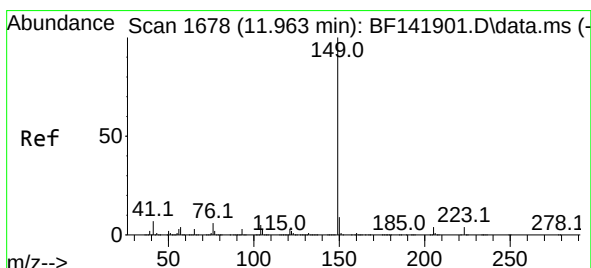
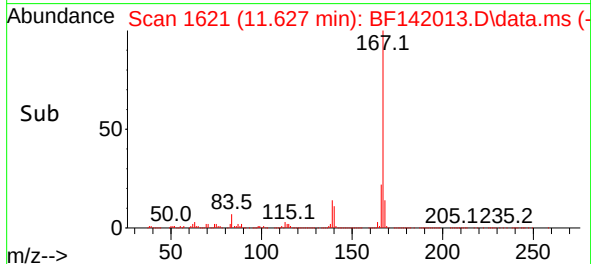
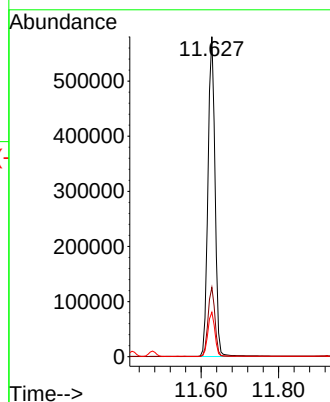
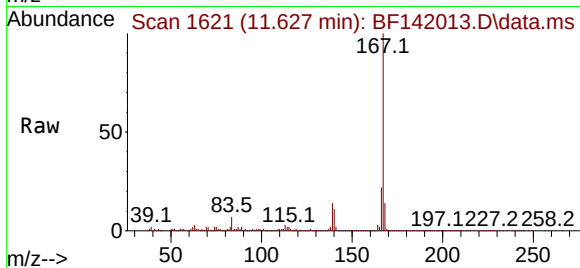
Tgt Ion:167 Resp: 731412

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.9 11.0 16.6



#74

Di-n-butylphthalate

Concen: 42.506 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

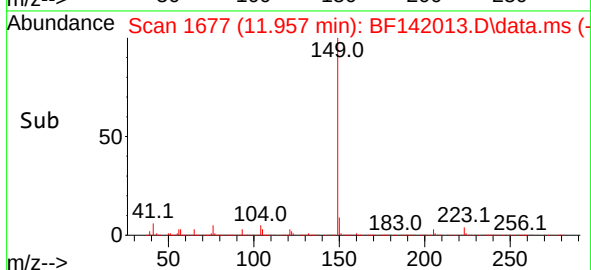
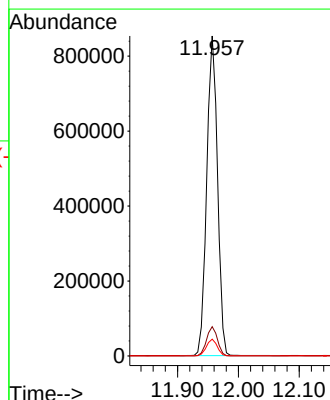
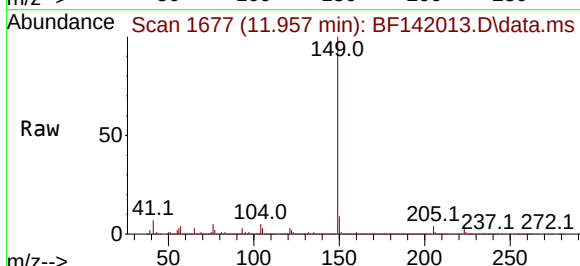
Tgt Ion:149 Resp: 1047061

Ion Ratio Lower Upper

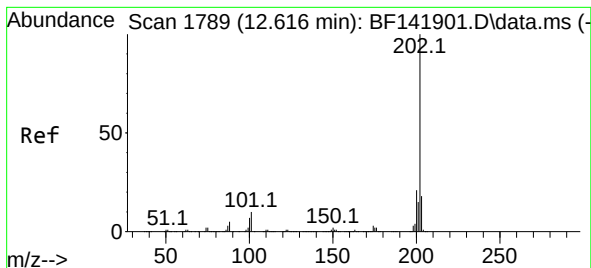
149 100

150 9.2 7.6 11.4

104 5.2 4.4 6.6







#75

Fluoranthene

Concen: 37.796 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

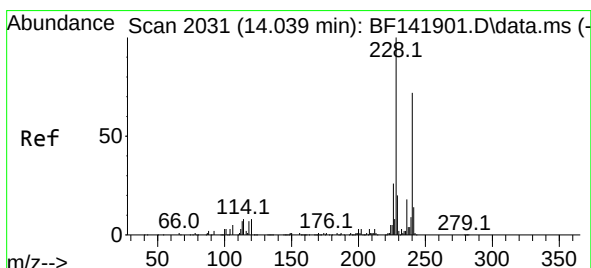
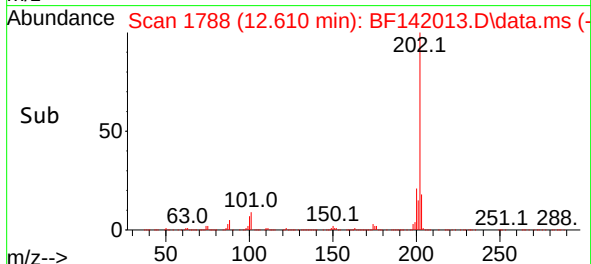
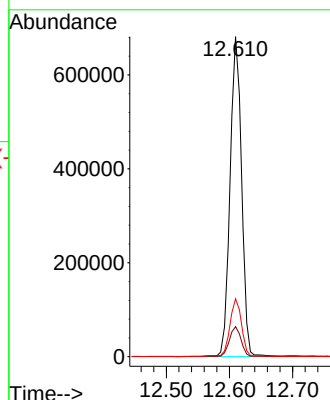
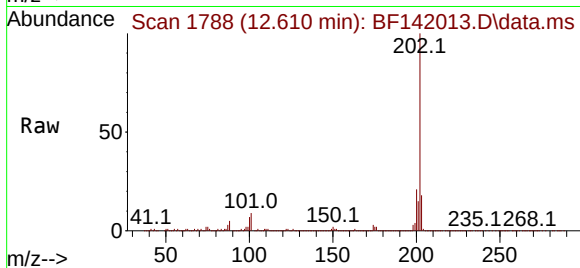
Tgt Ion:202 Resp: 860248

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

203 18.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

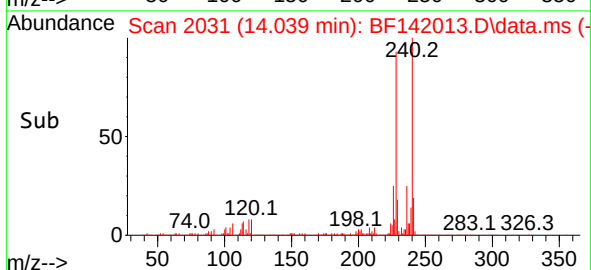
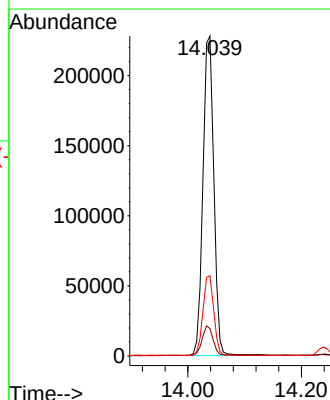
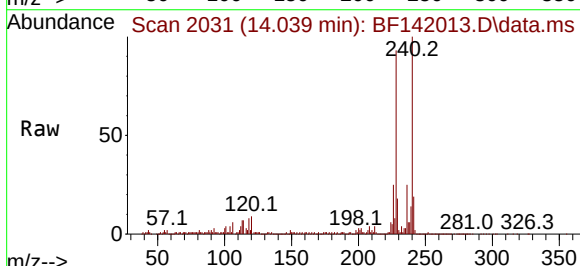
Tgt Ion:240 Resp: 303911

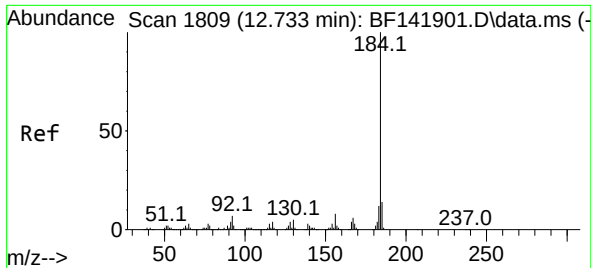
Ion Ratio Lower Upper

240 100

120 8.6 8.4 12.6

236 25.1 20.5 30.7

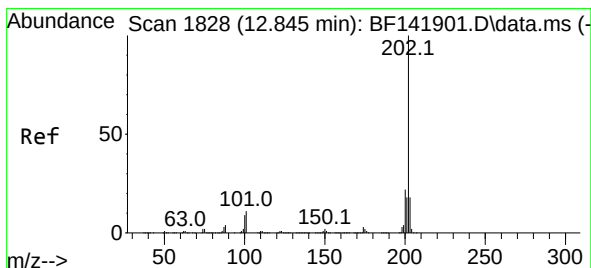
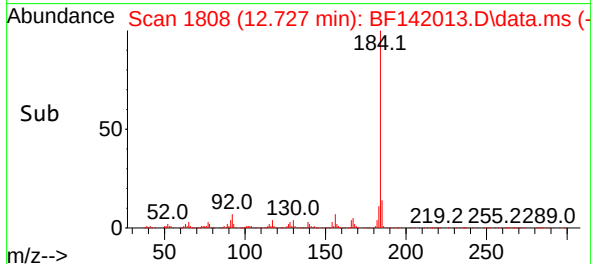
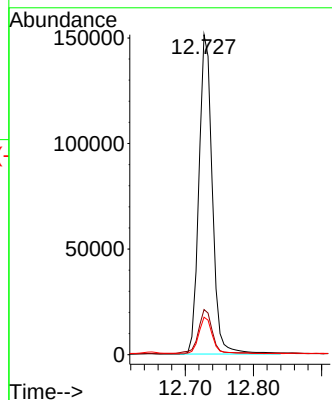
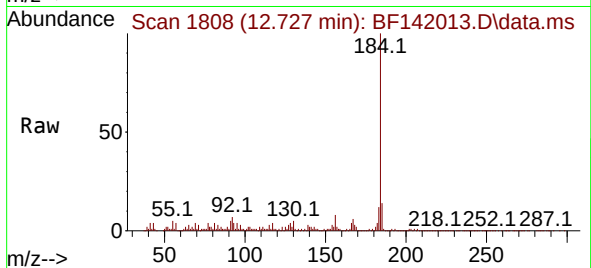




#77  
Benzidine  
Concen: 48.714 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

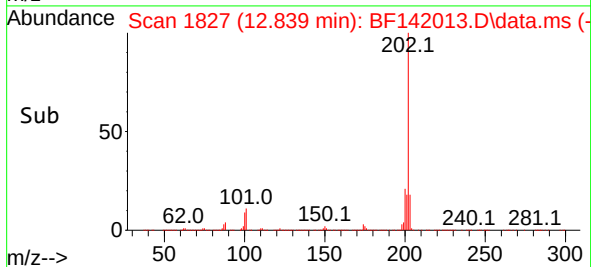
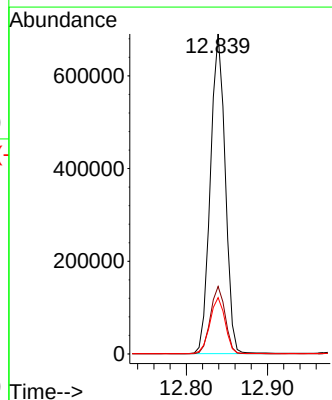
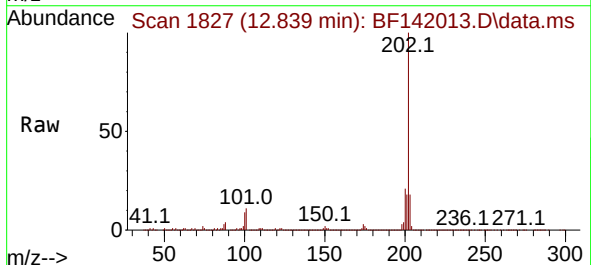
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

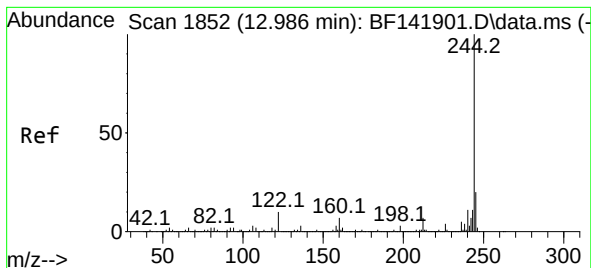
Tgt Ion:184 Resp: 206553  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 11.7 9.7 14.5



#78  
Pyrene  
Concen: 33.260 ng  
RT: 12.839 min Scan# 1827  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:202 Resp: 874347  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.3 25.9  
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 45.045 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

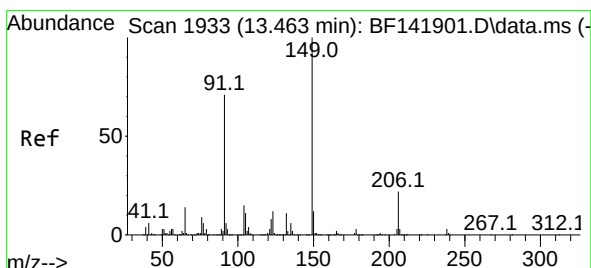
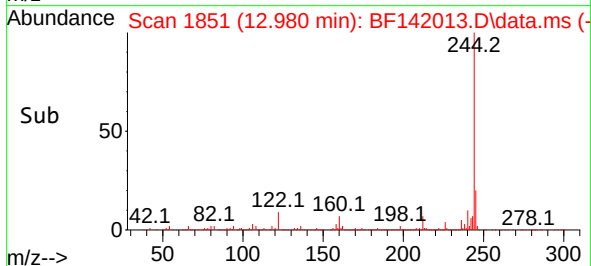
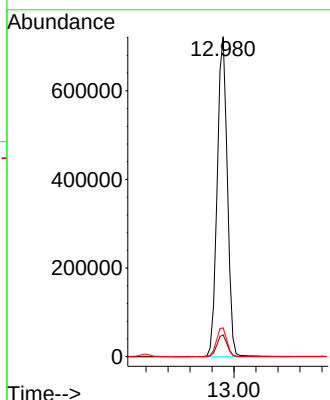
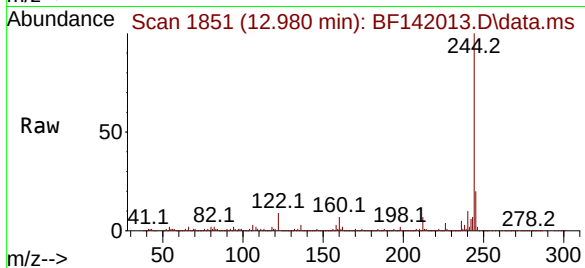
Tgt Ion:244 Resp: 925946

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 35.063 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

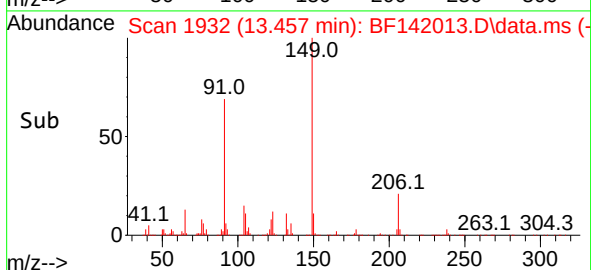
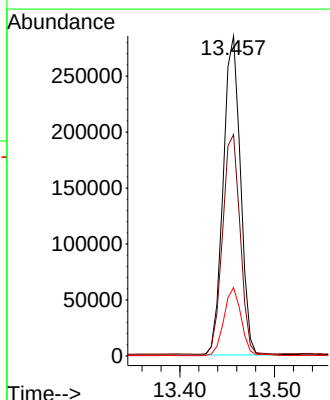
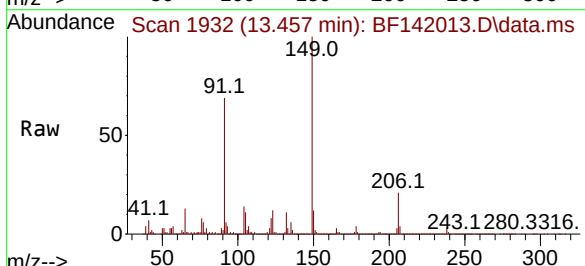
Tgt Ion:149 Resp: 360776

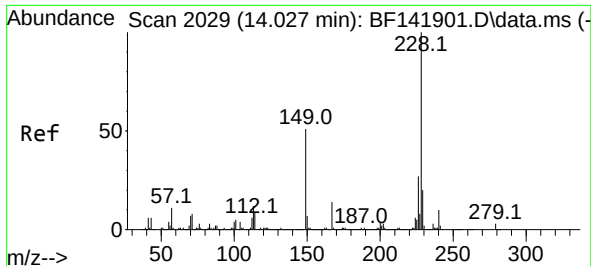
Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

206 21.3 17.3 25.9

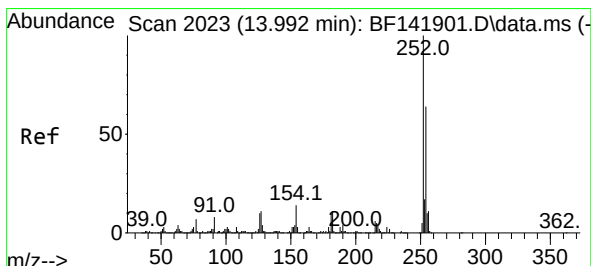
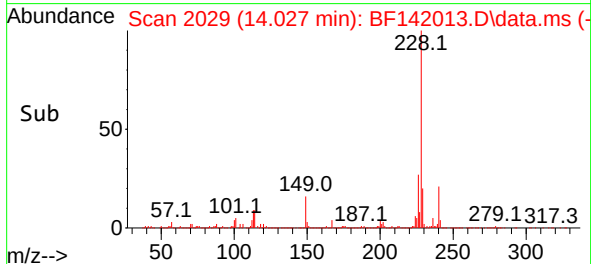
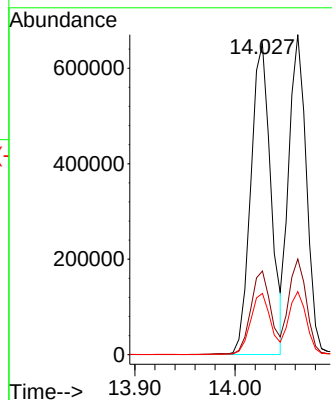
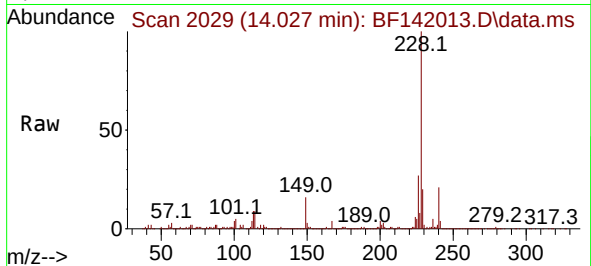




#81  
Benzo(a)anthracene  
Concen: 45.593 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

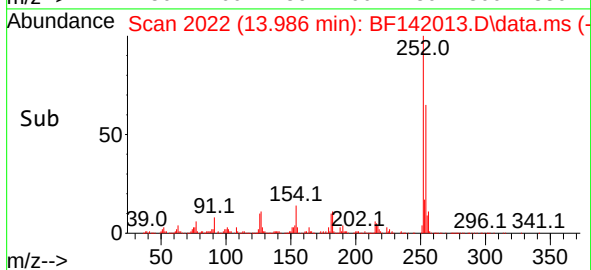
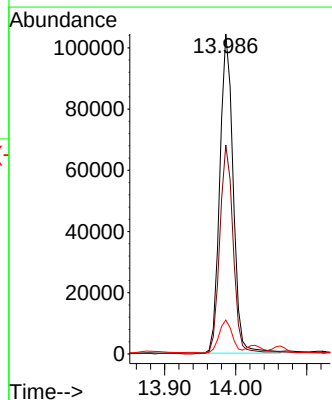
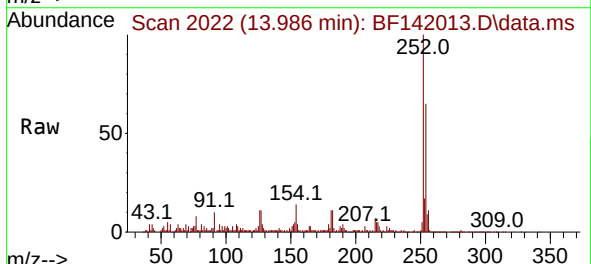
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

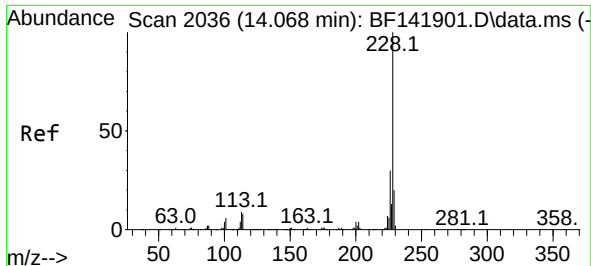
Tgt Ion:228 Resp: 909251  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.8  
229 19.7 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 23.519 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:252 Resp: 135543  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.0 76.6  
126 10.6 8.4 12.6

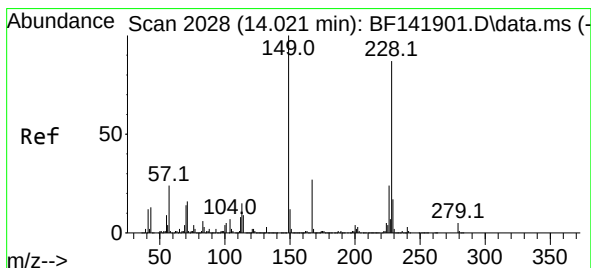
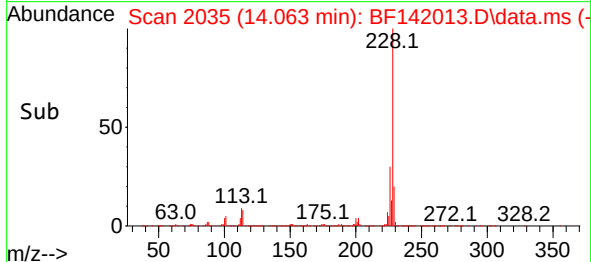
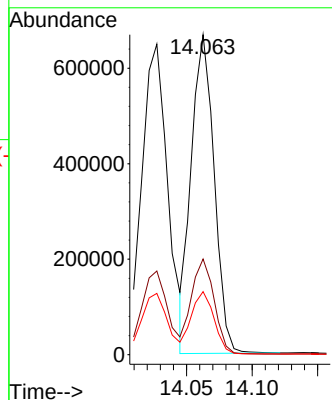
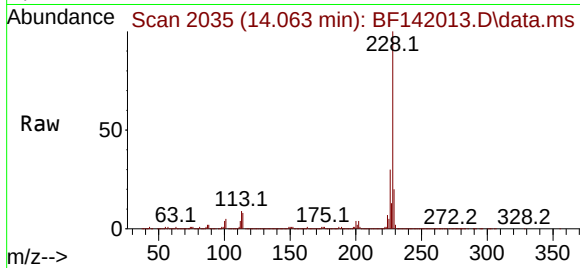




#83  
Chrysene  
Concen: 44.875 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

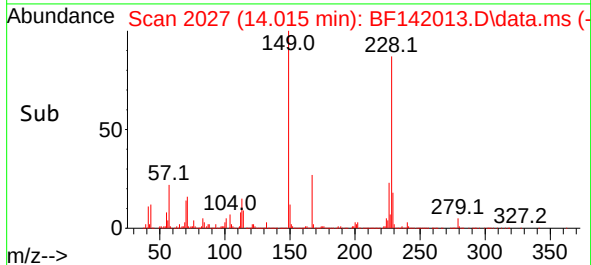
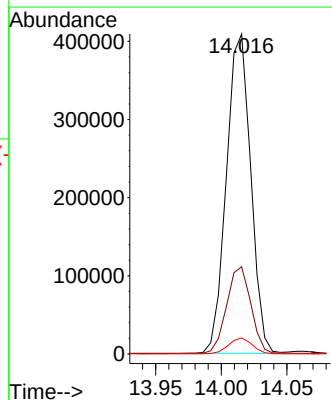
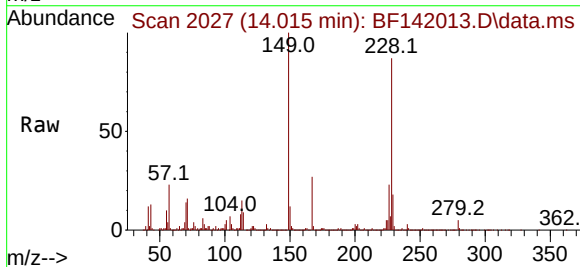
Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

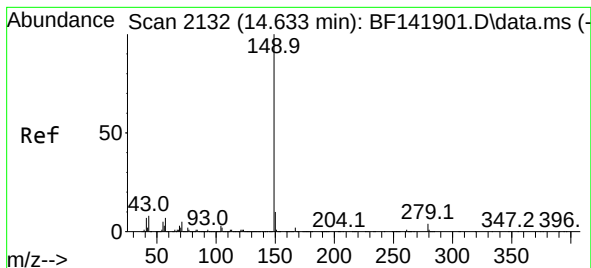
Tgt Ion:228 Resp: 811226  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.1 36.1  
229 19.7 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 37.225 ng  
RT: 14.015 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:149 Resp: 528102  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.4 32.0  
279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.796 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

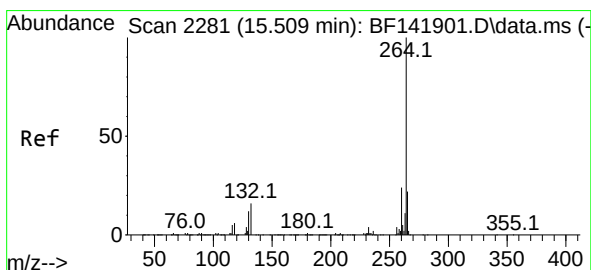
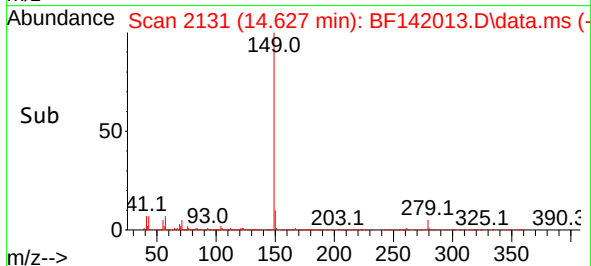
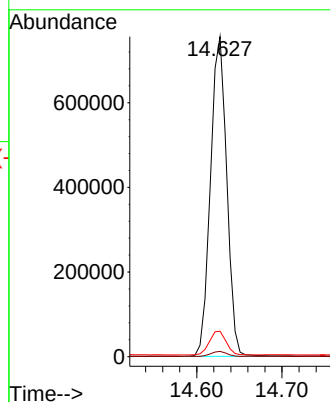
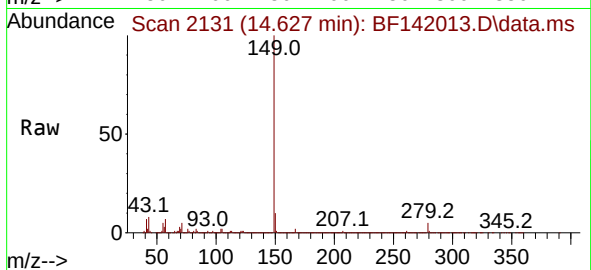
Tgt Ion:149 Resp: 1002694

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

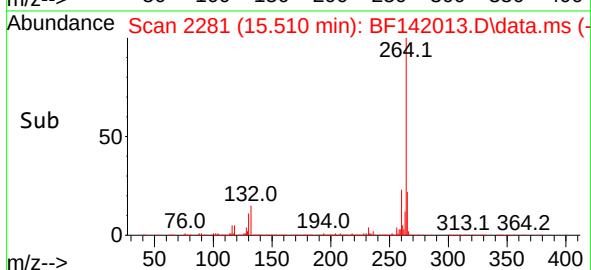
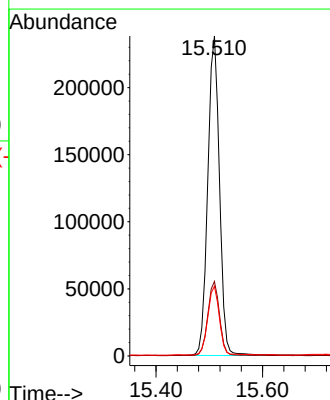
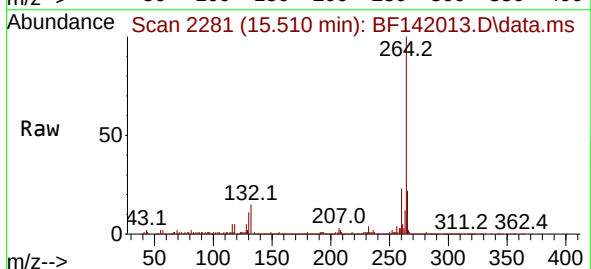
Tgt Ion:264 Resp: 362981

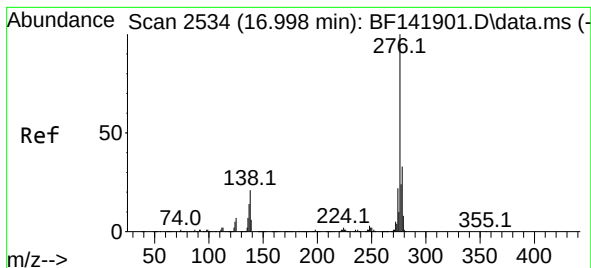
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.632 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

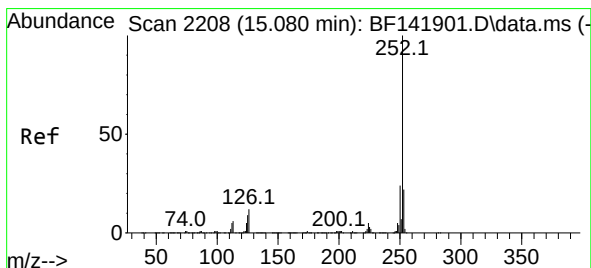
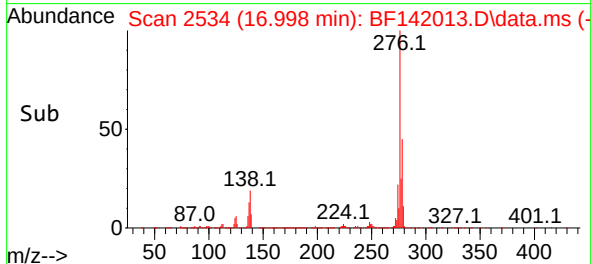
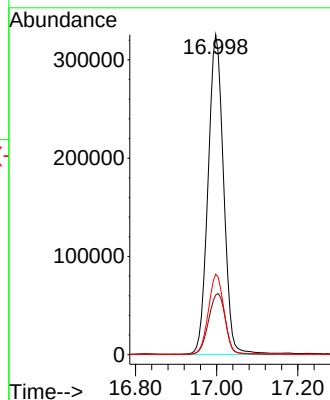
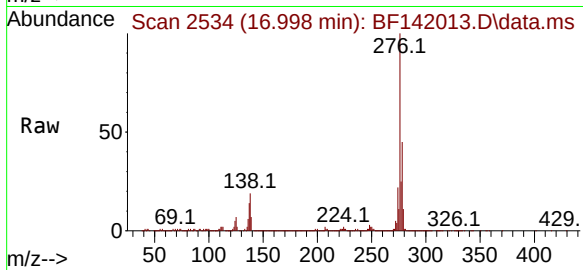
Tgt Ion:276 Resp: 860142

Ion Ratio Lower Upper

276 100

138 20.7 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.553 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

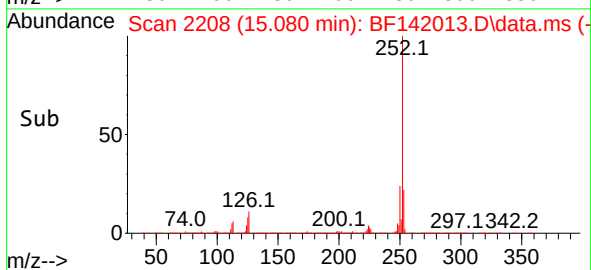
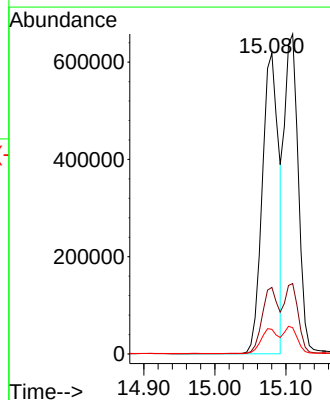
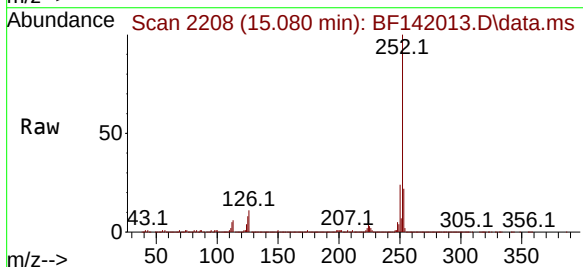
Tgt Ion:252 Resp: 983960

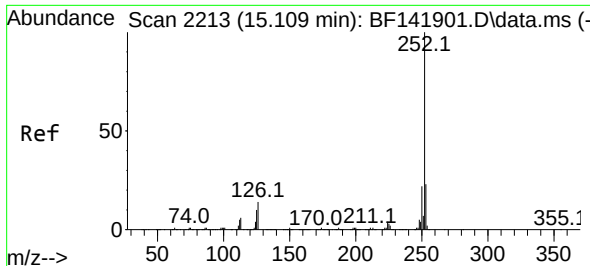
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 41.455 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA\_F

ClientSampleId :

RBR251346MS

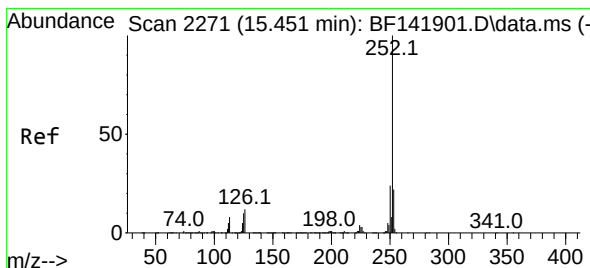
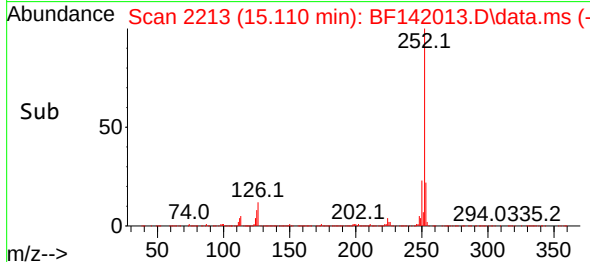
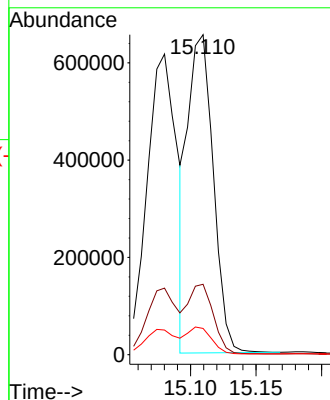
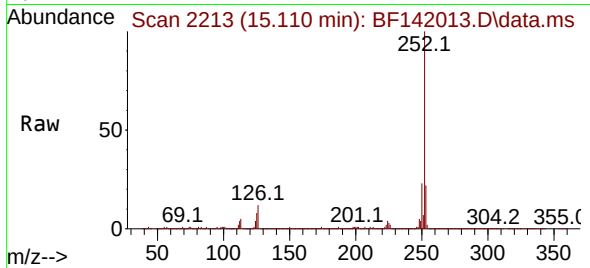
Tgt Ion:252 Resp: 882542

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 46.287 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

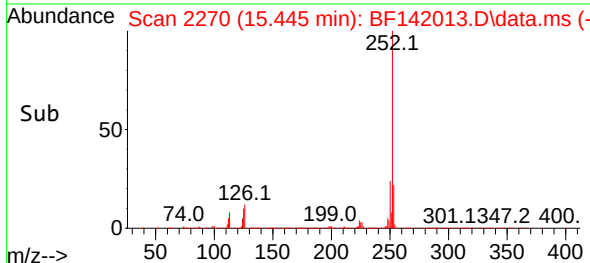
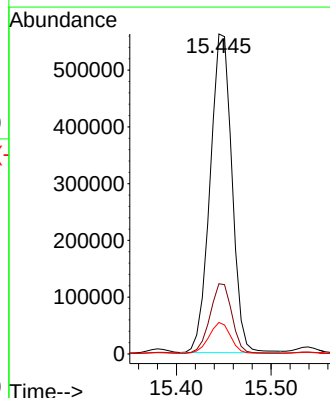
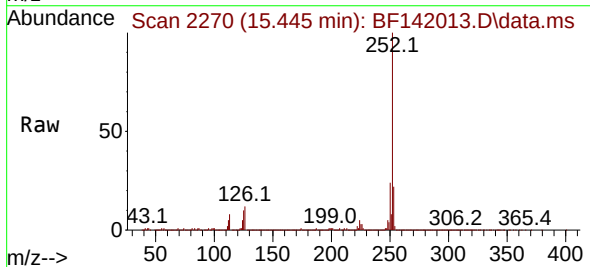
Tgt Ion:252 Resp: 900988

Ion Ratio Lower Upper

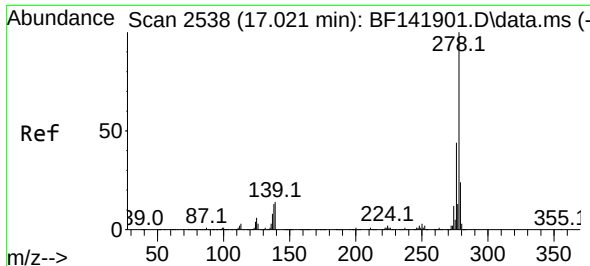
252 100

253 22.0 17.4 26.0

125 9.9 7.8 11.8



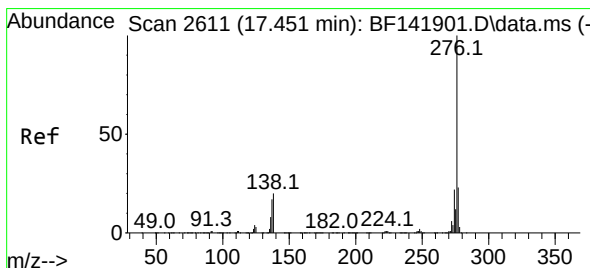
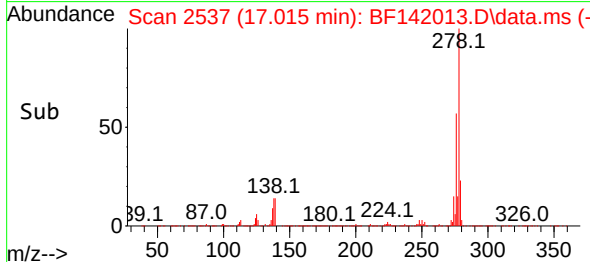
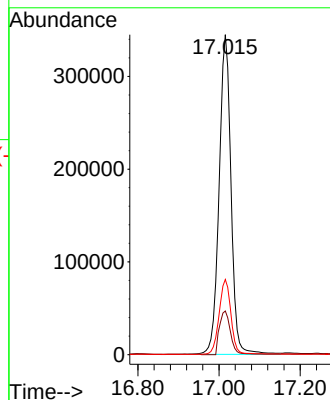
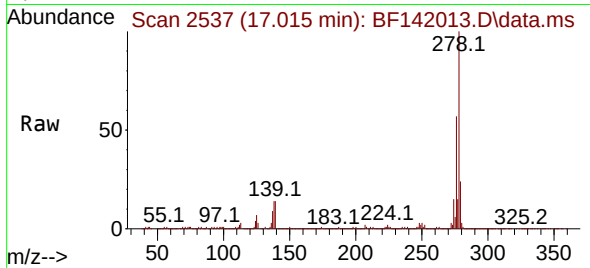




#91  
Dibenzo(a,h)anthracene  
Concen: 36.247 ng  
RT: 17.015 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Instrument :  
BNA\_F  
ClientSampleId :  
RBR251346MS

Tgt Ion:278 Resp: 702231  
Ion Ratio Lower Upper  
278 100  
139 13.7 11.4 17.2  
279 23.5 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 30.751 ng  
RT: 17.445 min Scan# 2610  
Delta R.T. -0.006 min  
Lab File: BF142013.D  
Acq: 20 Mar 2025 16:07

Tgt Ion:276 Resp: 588725  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.7 28.1  
138 18.5 15.8 23.8

