

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123124\  
 Data File : BF141054.D  
 Acq On : 31 Dec 2024 13:09  
 Operator : RC/JU  
 Sample : P5398-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349MS

Quant Time: Dec 31 13:35:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 231983   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 899901   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 448717   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 609963   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 489637   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 436357   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 1140600  | 74.114  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 1419314  | 71.591  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.393  | 82   | 881335   | 62.658  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 336419   | 77.157  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1560253  | 55.399  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1273263  | 43.193  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 303779   | 43.600  | ng    | 98       |
| 3) Pyridine                   | 3.375  | 79   | 795037   | 46.691  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 407857   | 47.275  | ng    | 99       |
| 6) Aniline                    | 6.493  | 93   | 753403   | 42.610  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 834743   | 51.446  | ng    | 98       |
| 9) Benzaldehyde               | 6.375  | 77   | 142831   | 8.147   | ng    | 97       |
| 10) Phenol                    | 6.469  | 94   | 1047330  | 51.089  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 789685   | 47.708  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 851433   | 47.548  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.846  | 146  | 857063   | 47.478  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 823072   | 48.903  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 715330   | 50.210  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 1212855  | 48.452  | ng    | 99       |
| 17) 2-Methylphenol            | 7.081  | 107  | 659758   | 48.944  | ng    | 99       |
| 18) Hexachloroethane          | 7.345  | 117  | 317161   | 49.459  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 568242   | 46.785  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 804221   | 47.145  | ng    | # 81     |
| 22) Acetophenone              | 7.240  | 105  | 1044104  | 47.296  | ng    | 98       |
| 24) Nitrobenzene              | 7.410  | 77   | 844991   | 53.763  | ng    | 95       |
| 25) Isophorone                | 7.651  | 82   | 1548729  | 50.599  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.728  | 139  | 421009   | 63.446  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 660277   | 59.026  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 944332   | 48.695  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 650979   | 51.311  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 674376   | 46.963  | ng    | 99       |
| 31) Naphthalene               | 8.134  | 128  | 2253555  | 47.524  | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 520249   | 55.150  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 320443   | 18.679  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 416754   | 49.230  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 218948   | 50.765  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 684939   | 48.613  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1461252  | 48.169  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1353169  | 45.388  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.987  | 216  | 661559   | 53.590  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 545350   | 133.308 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 455257   | 55.410  | ng    | 99       |

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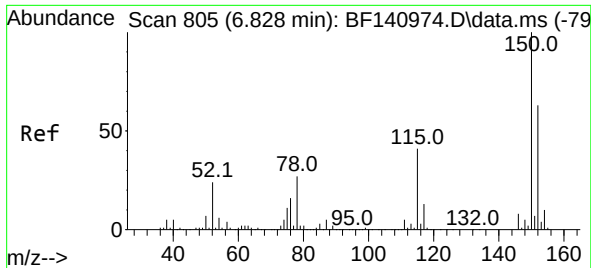
Quant Time: Dec 31 13:35:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.134  | 196  | 446056   | 53.060  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.287  | 154  | 1769941  | 51.515  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1310572  | 49.183  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 417615   | 58.755  | ng    | 93       |
| 49) Acenaphthylene            | 9.728  | 152  | 1986431  | 51.784  | ng    | 100      |
| 50) Dimethylphthalate         | 9.586  | 163  | 1576425  | 53.411  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 340853   | 55.971  | ng    | 95       |
| 52) Acenaphthene              | 9.898  | 154  | 1401770  | 54.054  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 256199   | 39.742  | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 271932   | 101.078 | ng    | # 1      |
| 55) Dibenzofuran              | 10.069 | 168  | 1768095  | 48.514  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 503257   | 99.679  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 432207   | 57.678  | ng    | 96       |
| 58) Fluorene                  | 10.410 | 166  | 1288587  | 45.596  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.181 | 232  | 359038   | 51.569  | ng    | 97       |
| 60) Diethylphthalate          | 10.286 | 149  | 1465873  | 50.307  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 651006   | 47.873  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 284238   | 43.781  | ng    | 94       |
| 63) Azobenzene                | 10.563 | 77   | 1573251  | 51.440  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 181596   | 69.479  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 1179832  | 61.425  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 403257   | 61.157  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 407937   | 56.107  | ng    | 99       |
| 69) Atrazine                  | 11.051 | 200  | 375485   | 69.975  | ng    | 100      |
| 70) Pentachlorophenol         | 11.151 | 266  | 488061   | 107.816 | ng    | 99       |
| 71) Phenanthrene              | 11.375 | 178  | 1747304  | 54.428  | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1763875  | 56.073  | ng    | 99       |
| 73) Carbazole                 | 11.575 | 167  | 1492558  | 49.357  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1881936  | 54.715  | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 1799157  | 51.674  | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 619470   | 59.864  | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 1848227  | 43.160  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 731002   | 46.749  | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1758837  | 51.541  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 461749   | 45.037  | ng    | 99       |
| 83) Chrysene                  | 14.016 | 228  | 1565163  | 50.879  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 955978   | 47.132  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1798691  | 61.270  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 1261588  | 45.890  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1803285  | 59.254  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 1334863  | 55.963  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 1408440  | 59.625  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 1004607  | 45.080  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 914037   | 39.546  | ng    | 98       |

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

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QLast Update : Fri Dec 27 00:31:16 2024  
Response via : Initial Calibration

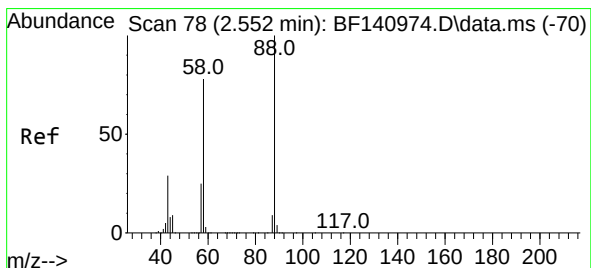
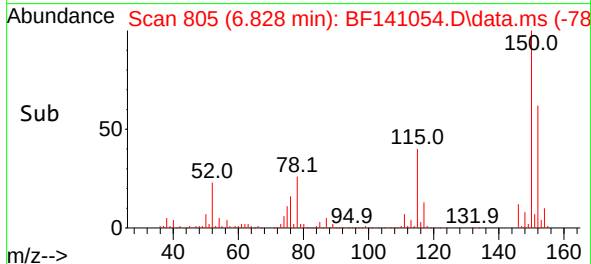
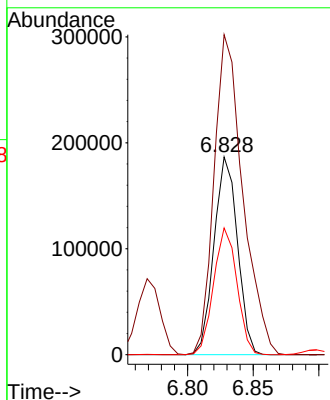
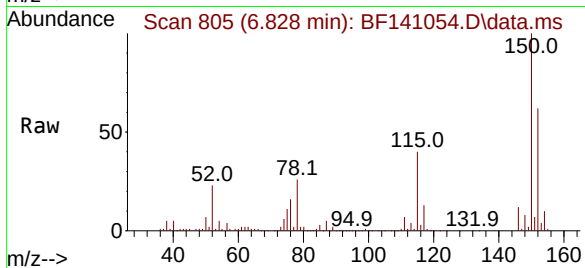




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

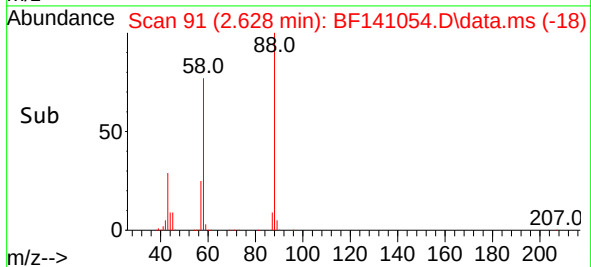
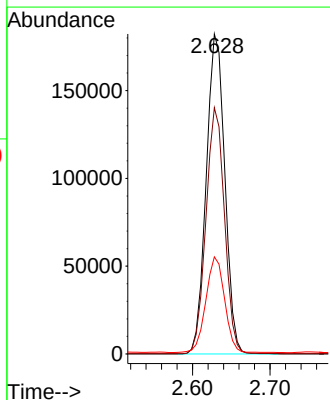
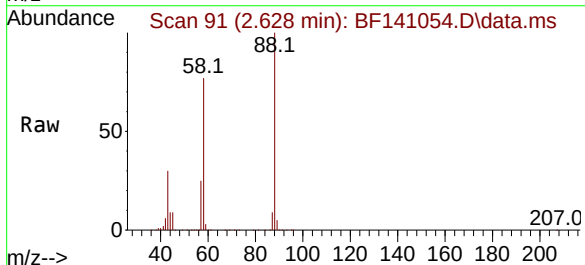
Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349MS

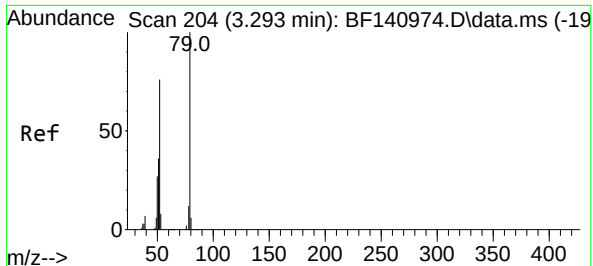
Tgt Ion:152 Resp: 231983  
 Ion Ratio Lower Upper  
 152 100  
 150 161.8 127.0 190.6  
 115 64.1 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 43.600 ng  
 RT: 2.628 min Scan# 91  
 Delta R.T. 0.077 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

Tgt Ion: 88 Resp: 303779  
 Ion Ratio Lower Upper  
 88 100  
 58 76.6 63.0 94.4  
 43 30.3 23.4 35.2

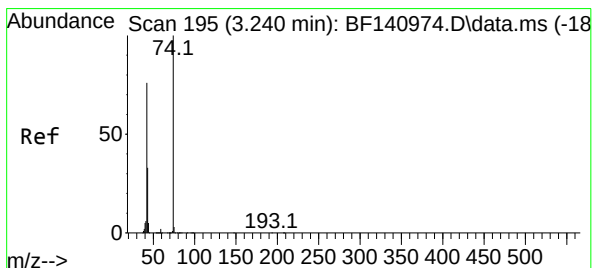
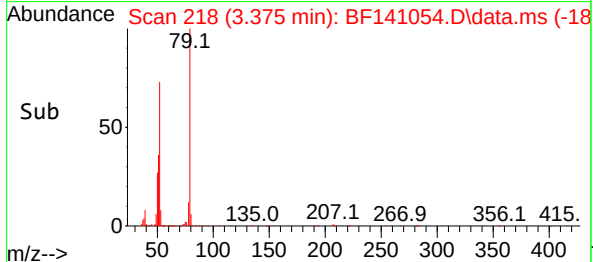
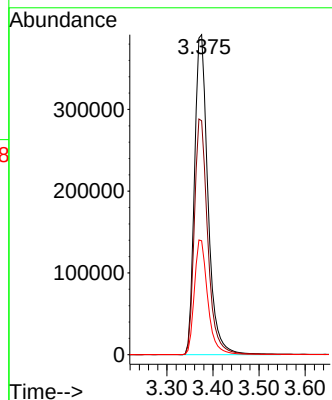
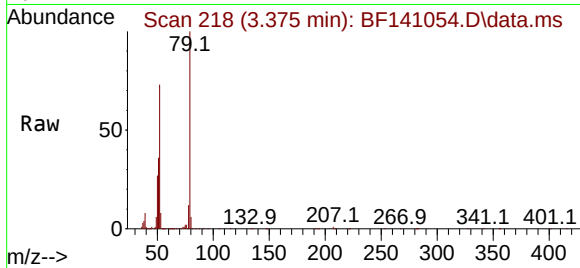




#3  
Pyridine  
Concen: 46.691 ng  
RT: 3.375 min Scan# 21  
Delta R.T. 0.082 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

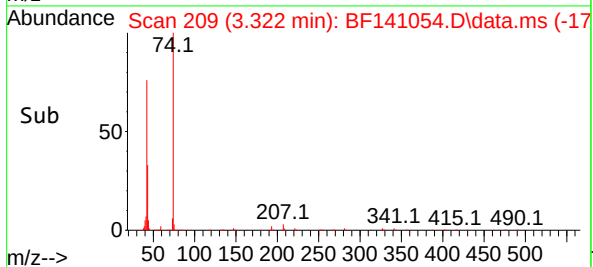
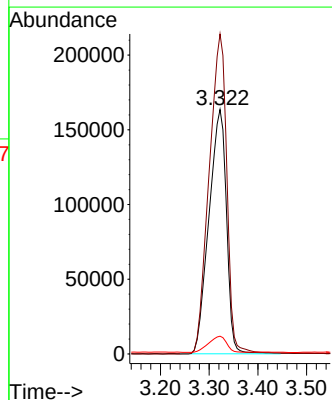
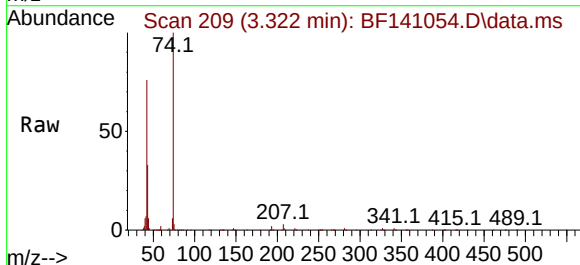
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

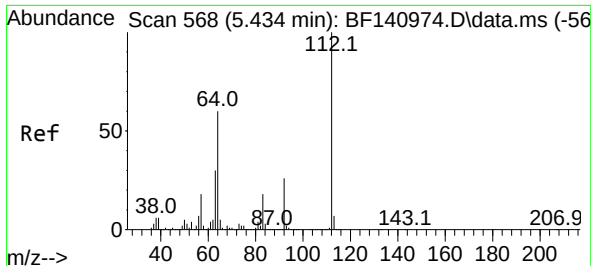
Tgt Ion: 79 Resp: 795037  
Ion Ratio Lower Upper  
79 100  
52 73.1 60.4 90.6  
51 35.6 28.8 43.2



#4  
n-Nitrosodimethylamine  
Concen: 47.275 ng  
RT: 3.322 min Scan# 209  
Delta R.T. 0.082 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 42 Resp: 407857  
Ion Ratio Lower Upper  
42 100  
74 130.9 105.8 158.6  
44 7.2 6.6 10.0

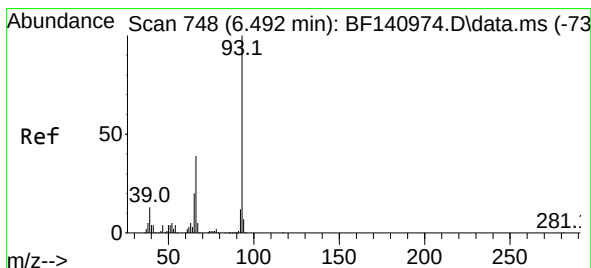
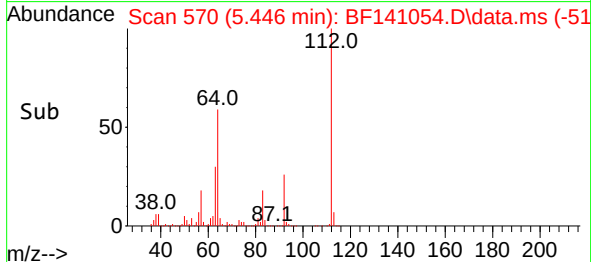
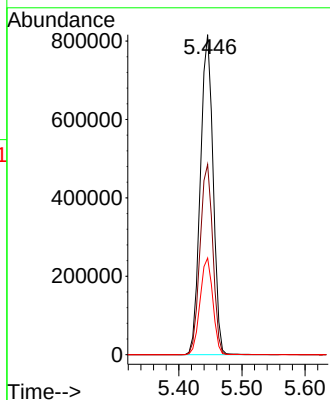
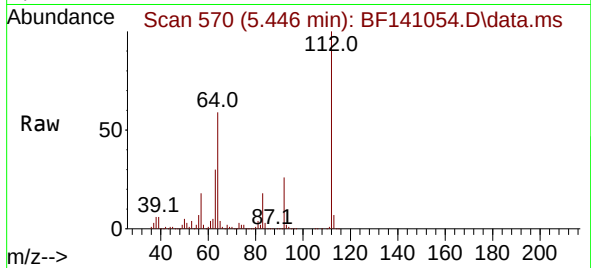




#5  
2-Fluorophenol  
Concen: 74.114 ng  
RT: 5.446 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

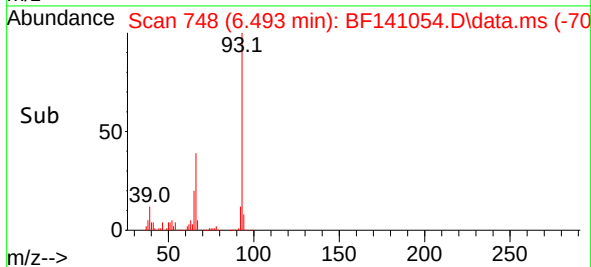
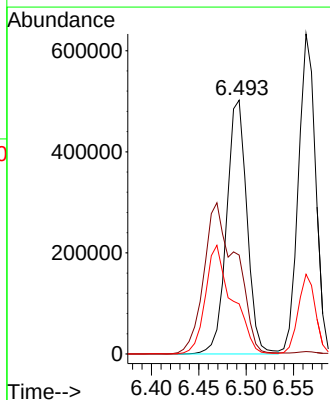
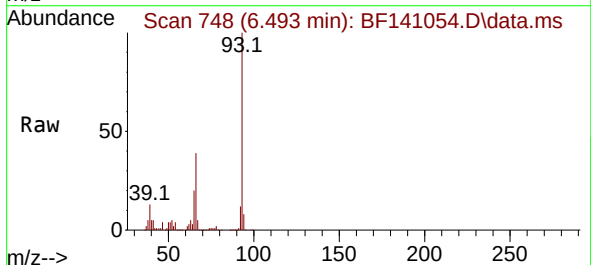
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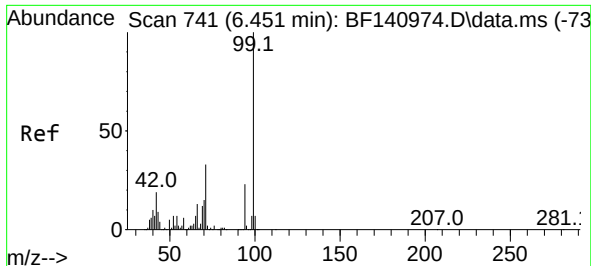
Tgt Ion:112 Resp: 1140600  
Ion Ratio Lower Upper  
112 100  
64 59.4 47.7 71.5  
63 30.2 24.2 36.2



#6  
Aniline  
Concen: 42.610 ng  
RT: 6.493 min Scan# 748  
Delta R.T. -0.018 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 93 Resp: 753403  
Ion Ratio Lower Upper  
93 100  
66 38.9 31.8 47.8  
65 19.7 15.4 23.0

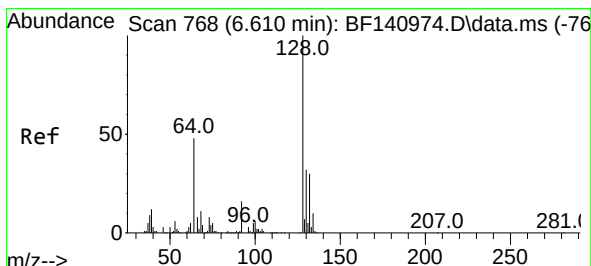
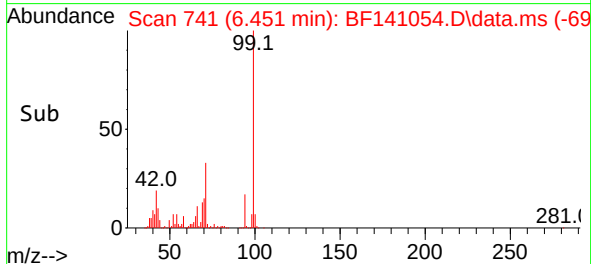
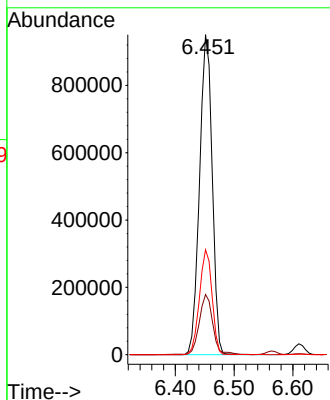
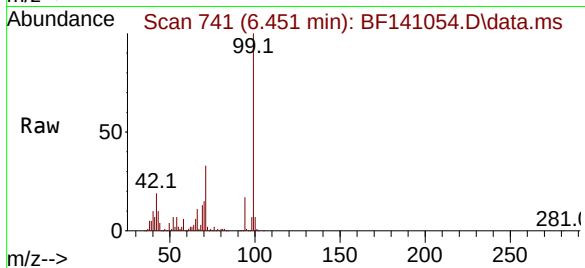




#7  
Phenol-d6  
Concen: 71.591 ng  
RT: 6.451 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

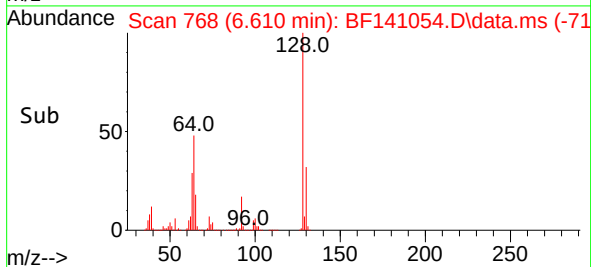
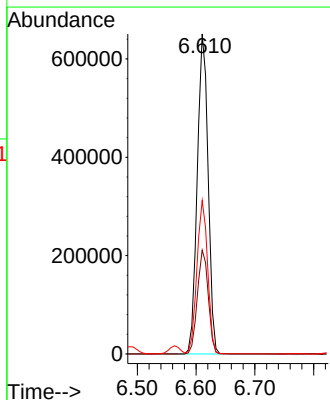
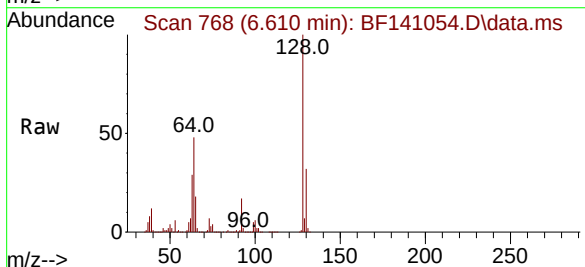
Instrument :  
BNA\_F  
ClientSampleId :  
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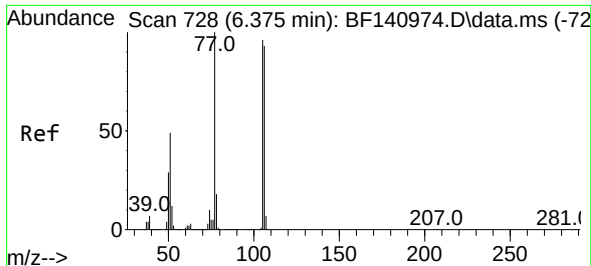
Tgt Ion: 99 Resp: 1419314  
Ion Ratio Lower Upper  
99 100  
42 18.8 15.0 22.4  
71 32.8 26.2 39.2



#8  
2-Chlorophenol  
Concen: 51.446 ng  
RT: 6.610 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:128 Resp: 834743  
Ion Ratio Lower Upper  
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64 48.0 30.3 70.3

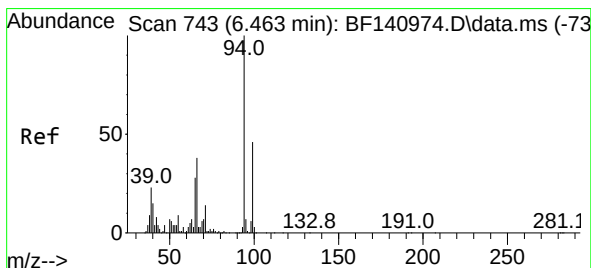
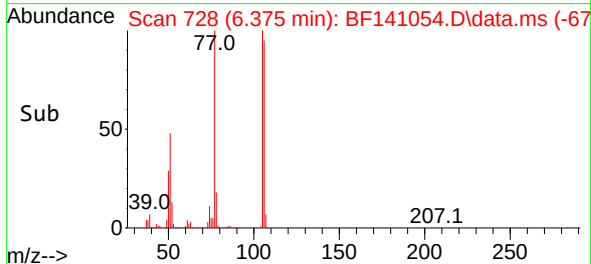
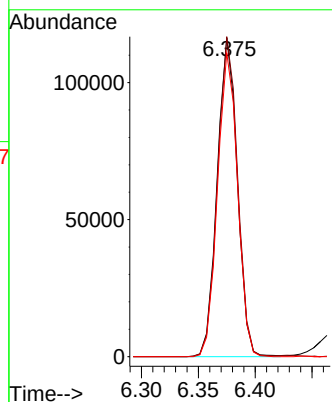
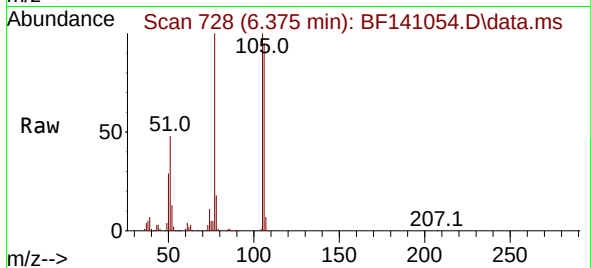




#9  
Benzaldehyde  
Concen: 8.147 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

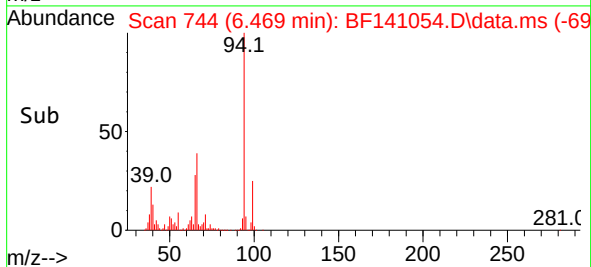
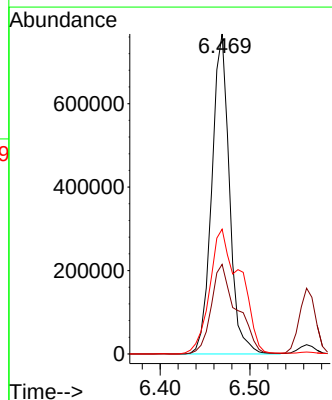
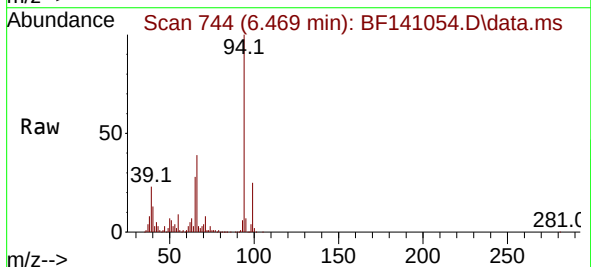
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

Tgt Ion: 77 Resp: 142831  
Ion Ratio Lower Upper  
77 100  
105 100.4 76.2 116.2  
106 95.3 73.4 113.4

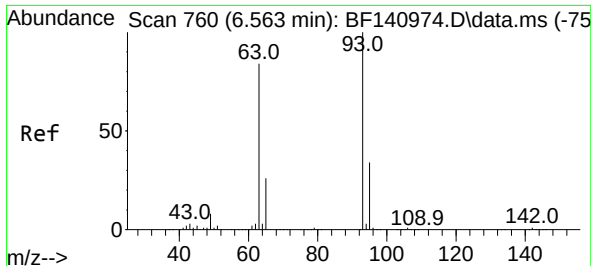


#10  
Phenol  
Concen: 51.089 ng  
RT: 6.469 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 94 Resp: 1047330  
Ion Ratio Lower Upper  
94 100  
65 28.0 8.1 48.1  
66 39.0 18.7 58.7



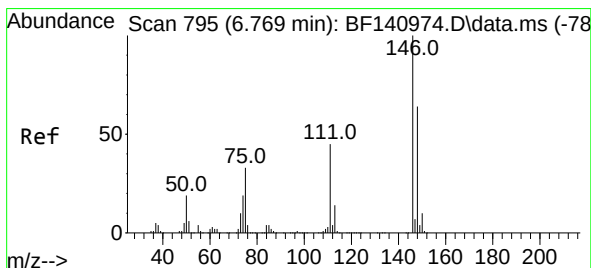
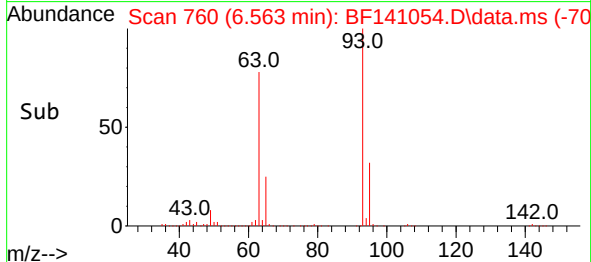
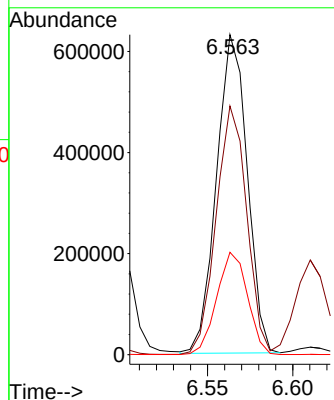
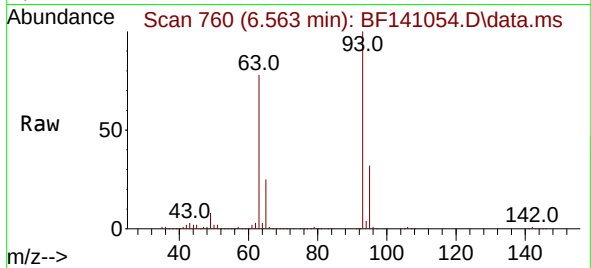




#11  
bis(2-Chloroethyl)ether  
Concen: 47.708 ng  
RT: 6.563 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

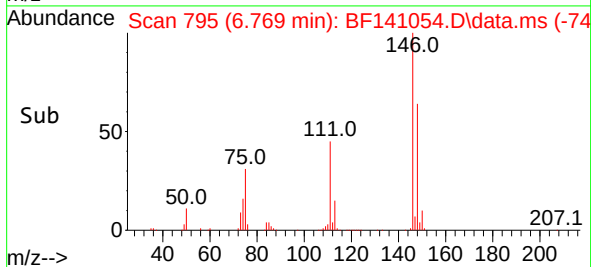
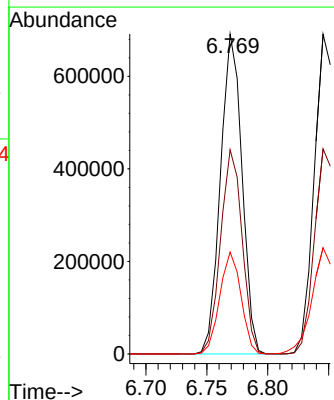
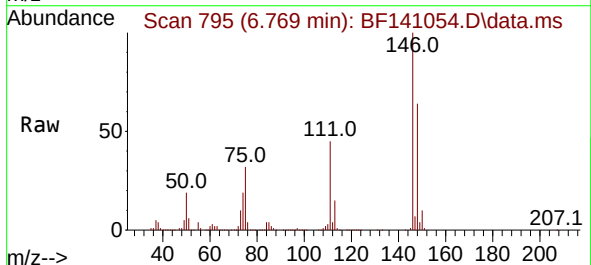
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

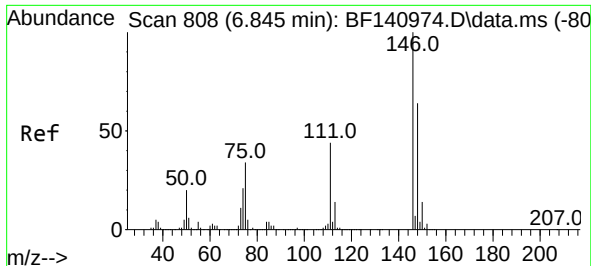
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 789685 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 77.7  | 60.3  | 100.3  |
| 95       | 32.0  | 12.2  | 52.2   |



#12  
1,3-Dichlorobenzene  
Concen: 47.548 ng  
RT: 6.769 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 851433 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.8  | 51.0  | 76.4   |
| 75       | 31.9  | 26.1  | 39.1   |

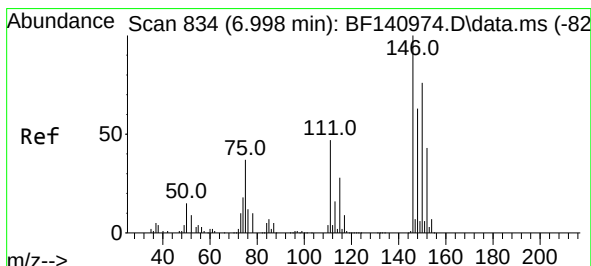
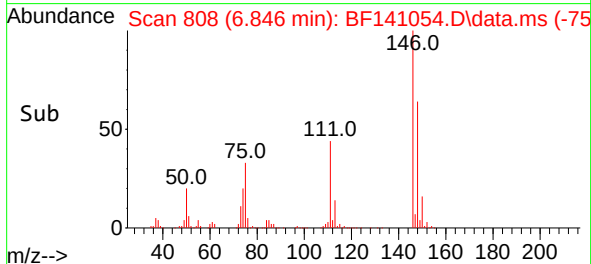
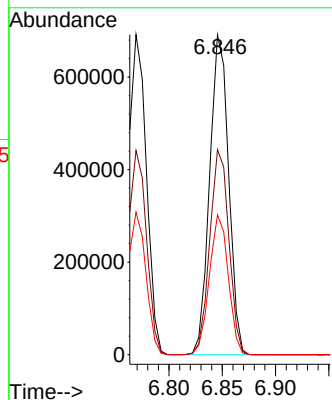
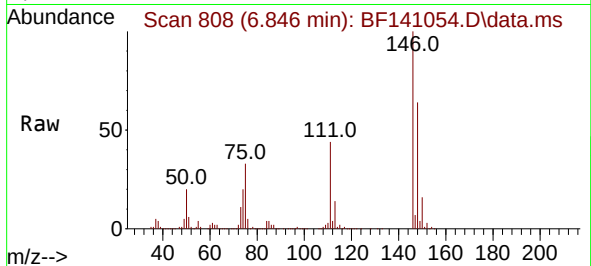




#13  
1,4-Dichlorobenzene  
Concen: 47.478 ng  
RT: 6.846 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

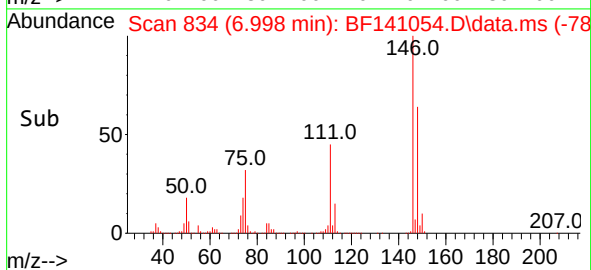
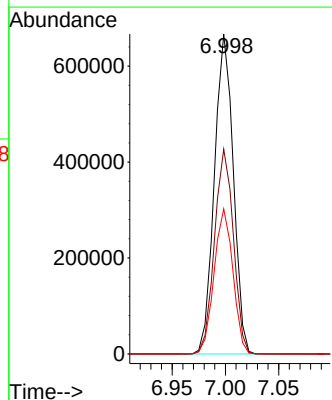
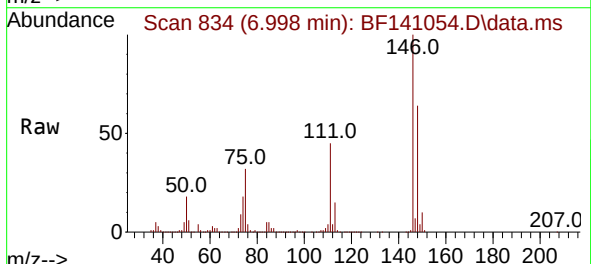
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

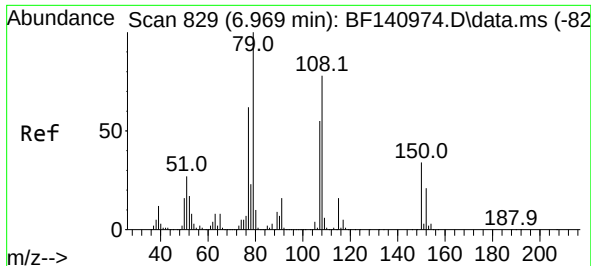
Tgt Ion:146 Resp: 857063  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.3 76.9  
111 43.7 35.3 52.9



#14  
1,2-Dichlorobenzene  
Concen: 48.903 ng  
RT: 6.998 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:146 Resp: 823072  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 76.0  
111 45.3 37.3 55.9

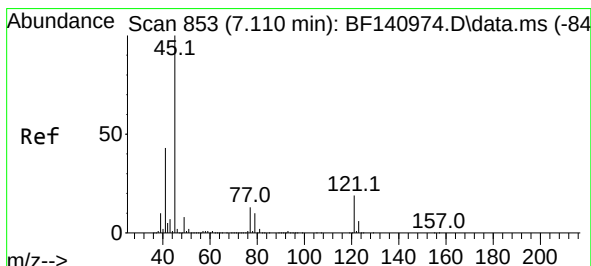
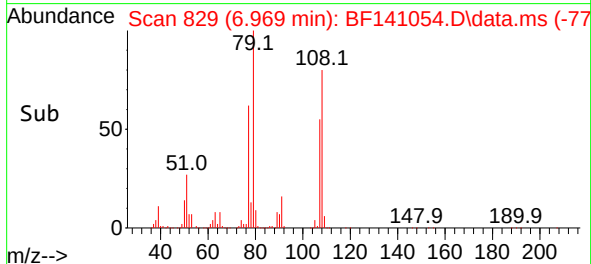
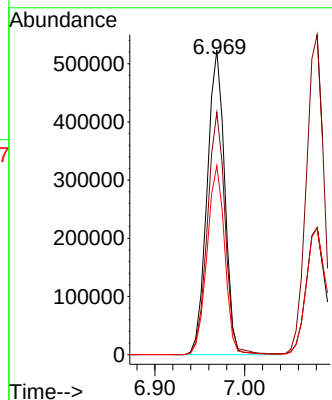
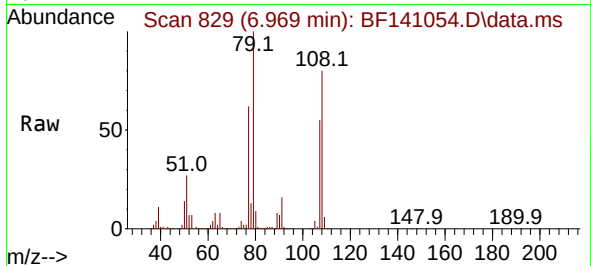




#15  
Benzyl Alcohol  
Concen: 50.210 ng  
RT: 6.969 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

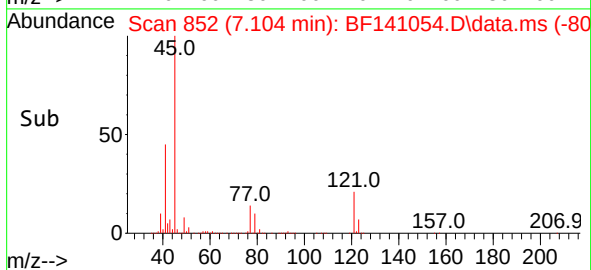
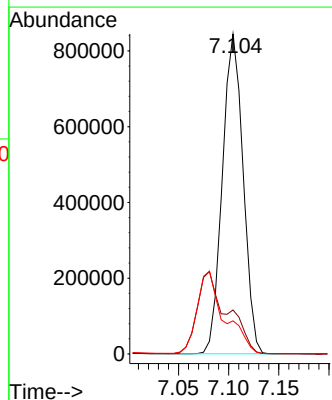
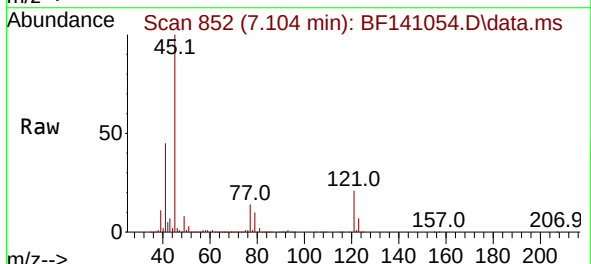
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

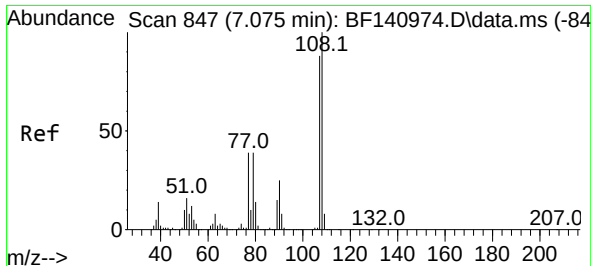
Tgt Ion: 79 Resp: 715330  
Ion Ratio Lower Upper  
79 100  
108 79.6 62.5 93.7  
77 62.1 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.452 ng  
RT: 7.104 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 45 Resp: 1212855  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.1  
79 10.4 0.0 30.1

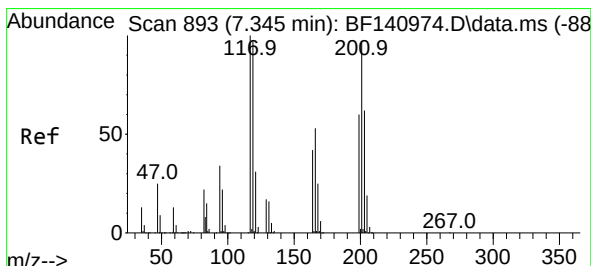
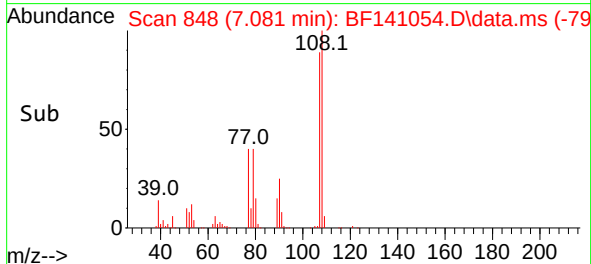
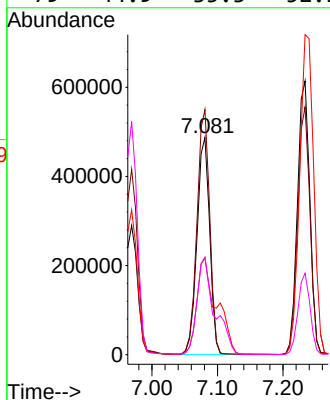
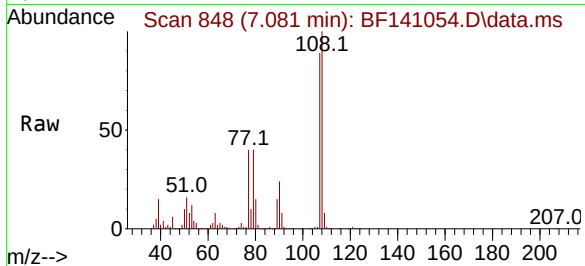




#17  
2-Methylphenol  
Concen: 48.944 ng  
RT: 7.081 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

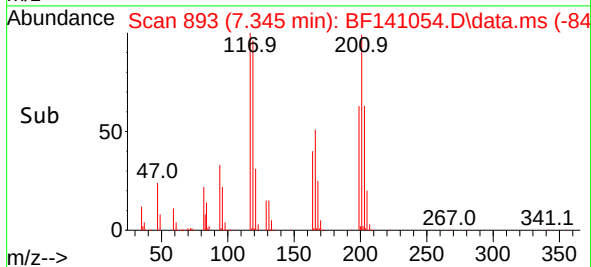
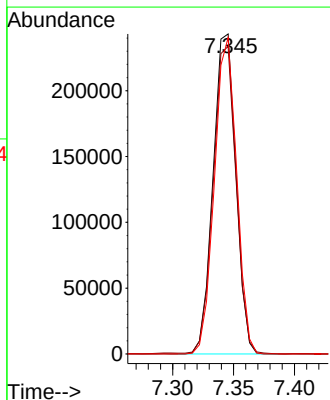
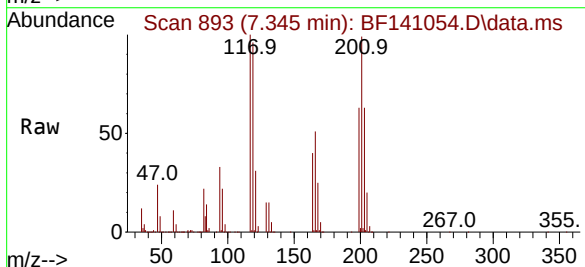
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

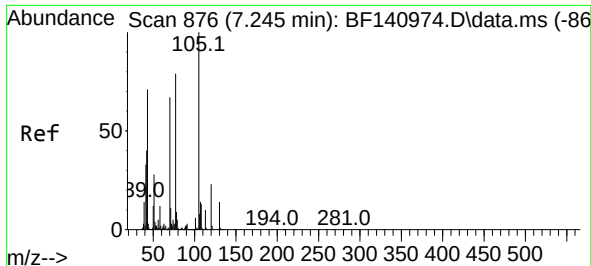
Tgt Ion:107 Resp: 659758  
Ion Ratio Lower Upper  
107 100  
108 112.9 90.6 136.0  
77 44.7 35.3 52.9  
79 44.9 35.3 52.9



#18  
Hexachloroethane  
Concen: 49.459 ng  
RT: 7.345 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:117 Resp: 317161  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.5 116.3  
201 98.9 77.4 116.2

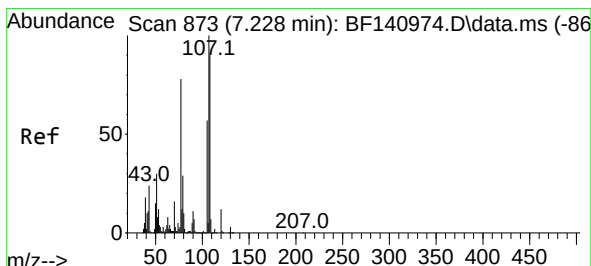
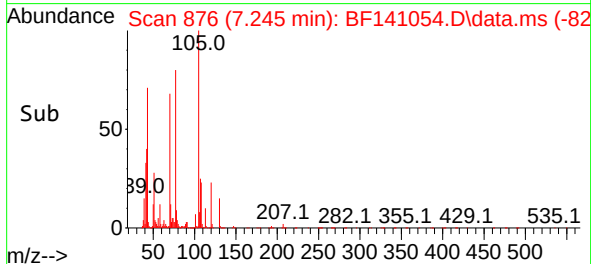
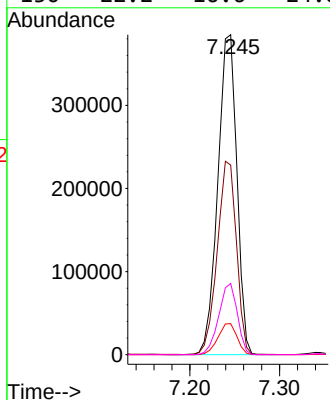
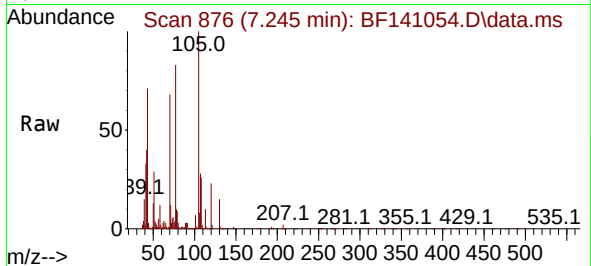




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.785 ng  
RT: 7.245 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

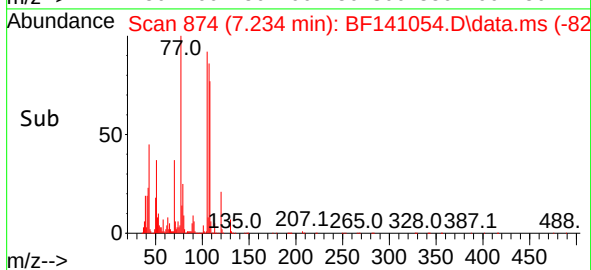
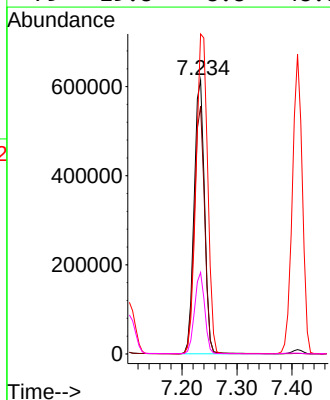
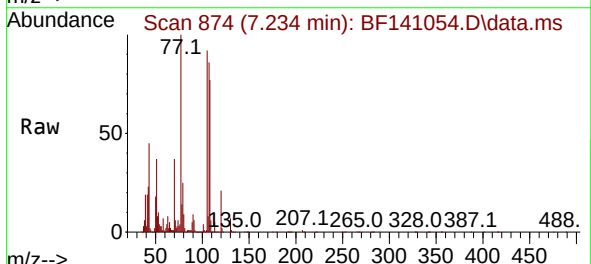
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

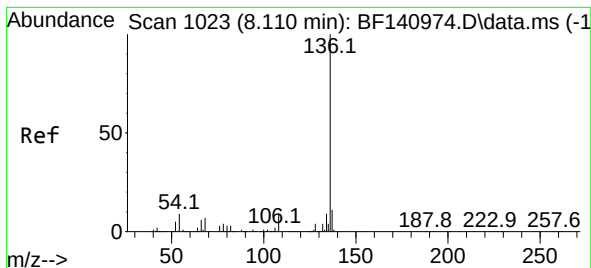
Tgt Ion: 70 Resp: 568242  
Ion Ratio Lower Upper  
70 100  
42 59.2 48.1 72.1  
101 9.7 7.6 11.4  
130 22.2 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 47.145 ng  
RT: 7.234 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 107 Resp: 804221  
Ion Ratio Lower Upper  
107 100  
108 90.5 69.6 109.6  
77 116.9 57.6 97.6#  
79 29.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

Tgt Ion:136 Resp: 899901

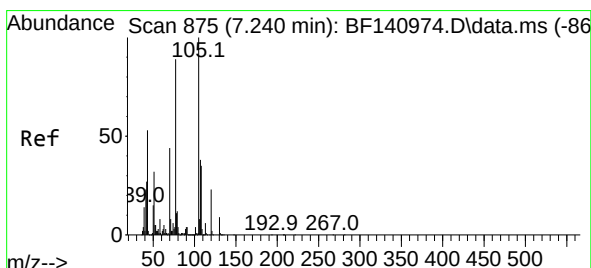
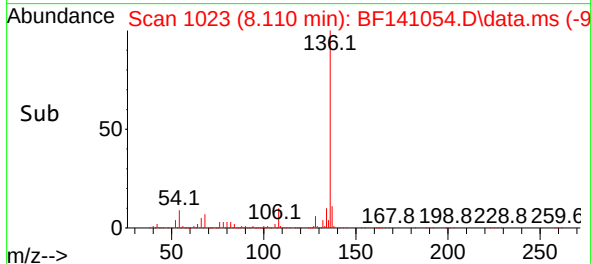
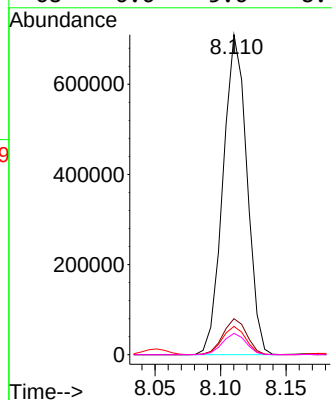
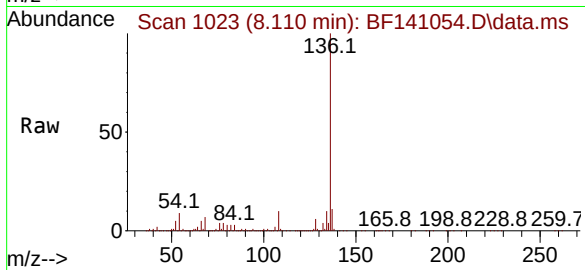
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.8 7.6 11.4

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 47.296 ng

RT: 7.240 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Tgt Ion:105 Resp: 1044104

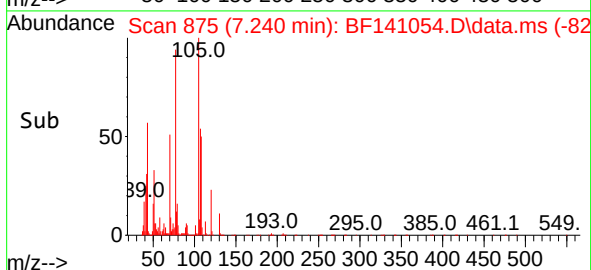
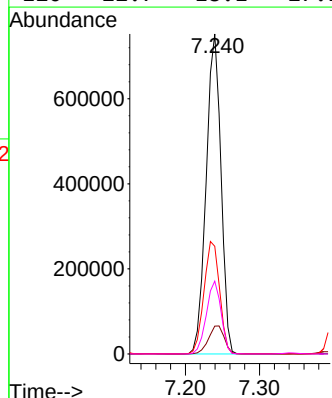
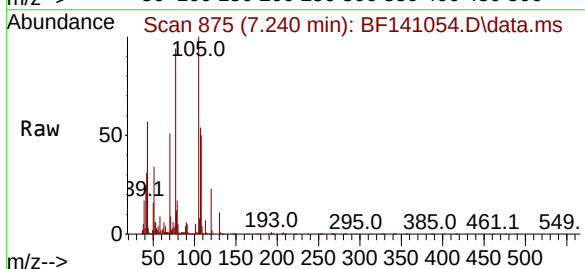
Ion Ratio Lower Upper

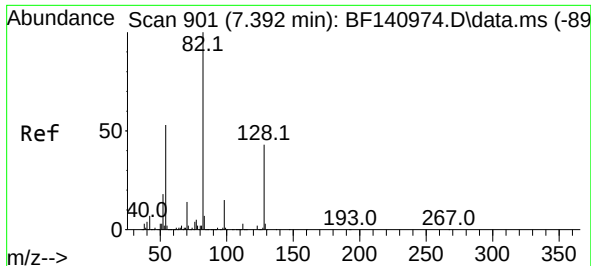
105 100

71 8.7 6.1 9.1

51 33.7 25.8 38.6

120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 62.658 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

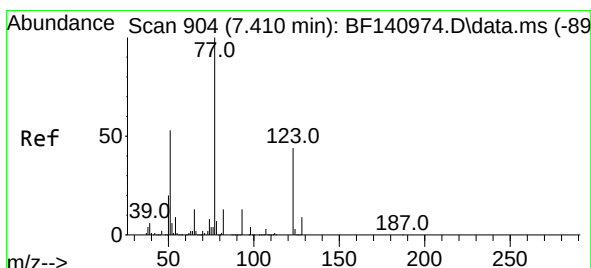
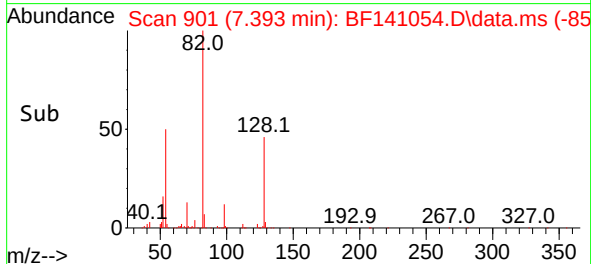
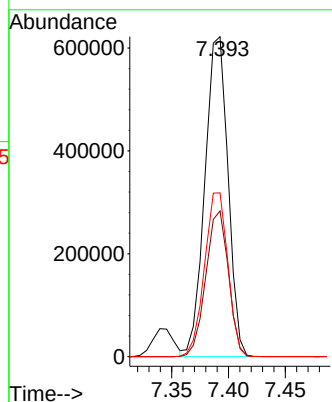
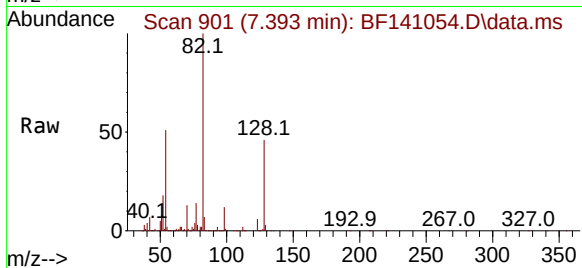
Tgt Ion: 82 Resp: 881335

Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

54 51.2 42.4 63.6



#24

Nitrobenzene

Concen: 53.763 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

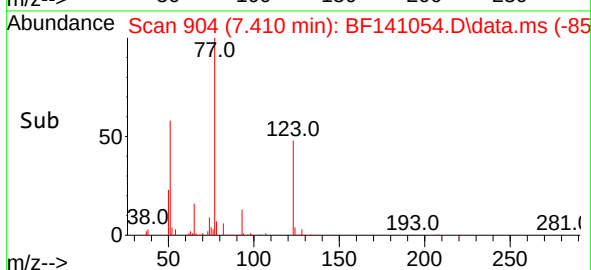
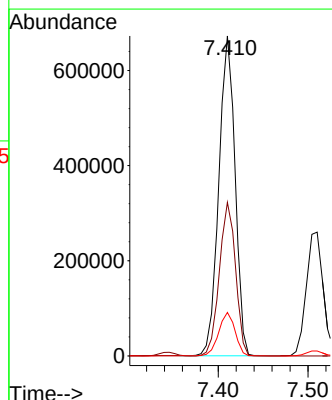
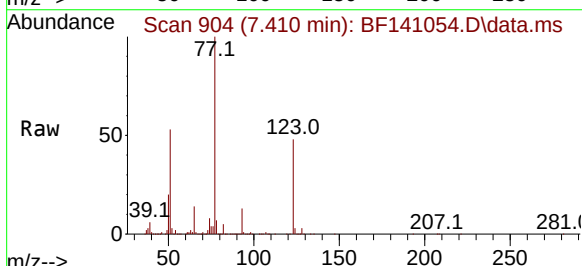
Tgt Ion: 77 Resp: 844991

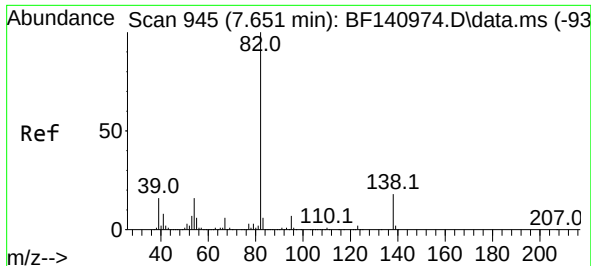
Ion Ratio Lower Upper

77 100

123 48.0 35.4 53.2

65 13.6 10.7 16.1

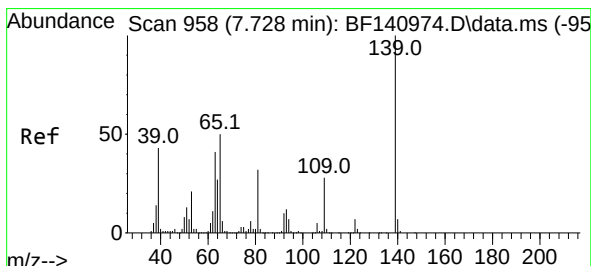
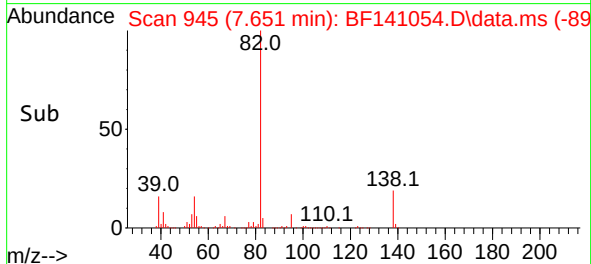
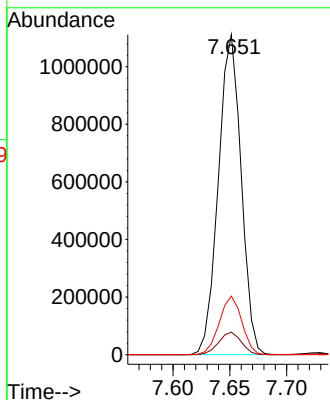
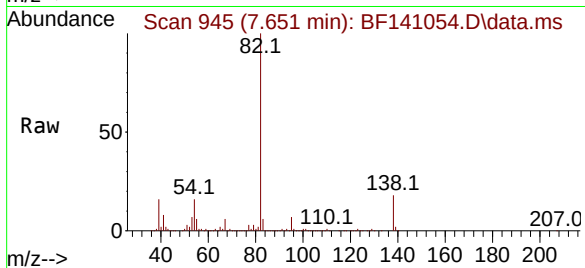




#25  
Isophorone  
Concen: 50.599 ng  
RT: 7.651 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

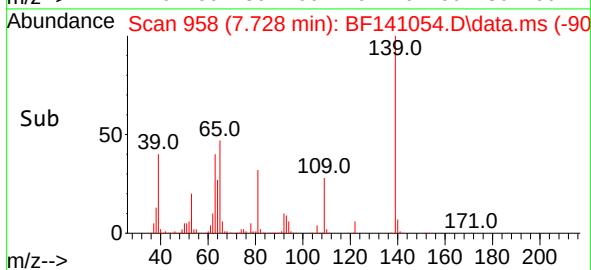
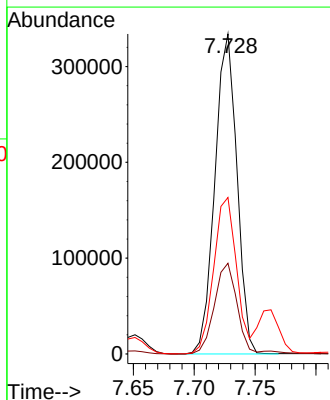
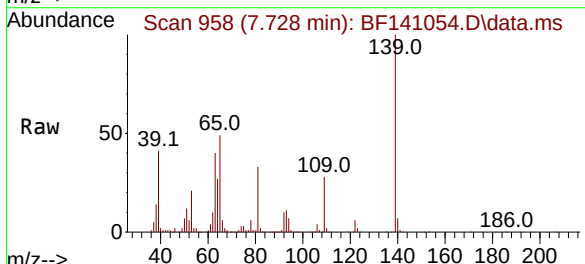
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

Tgt Ion: 82 Resp: 1548729  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 18.3 14.6 21.8

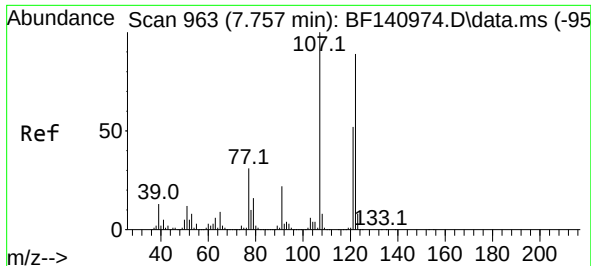


#26  
2-Nitrophenol  
Concen: 63.446 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:139 Resp: 421009  
Ion Ratio Lower Upper  
139 100  
109 28.3 22.2 33.4  
65 48.9 40.2 60.4







#27

2,4-Dimethylphenol

Concen: 59.026 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

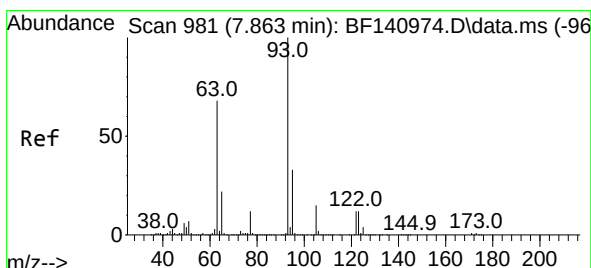
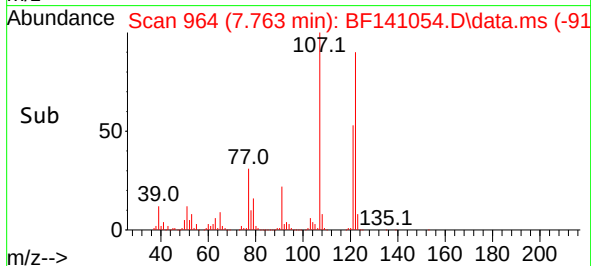
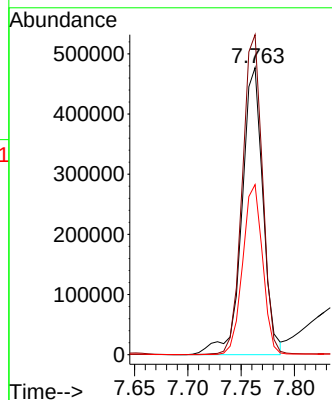
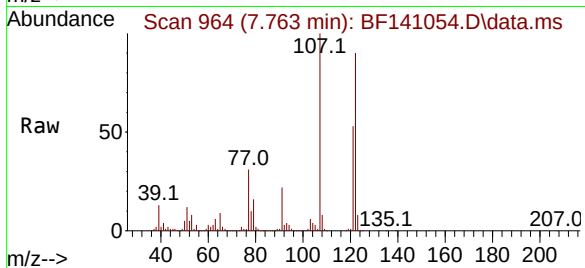
Tgt Ion:122 Resp: 660277

Ion Ratio Lower Upper

122 100

107 111.5 89.4 134.2

121 59.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.695 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

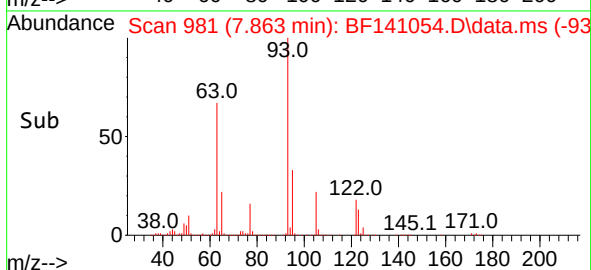
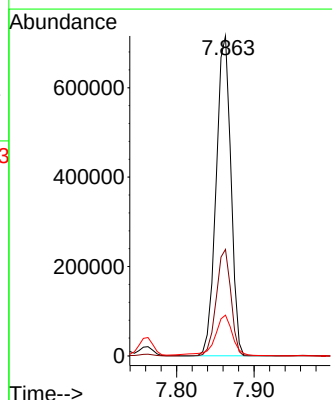
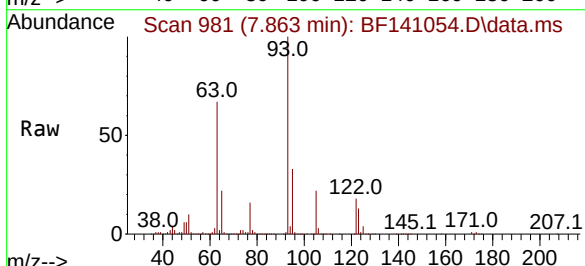
Tgt Ion: 93 Resp: 944332

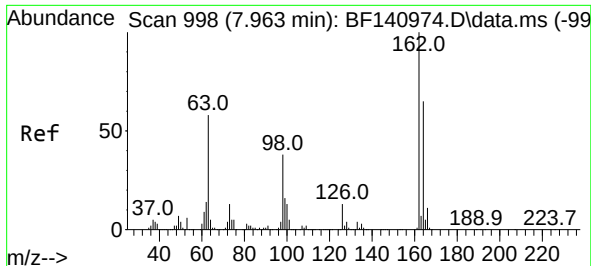
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 51.311 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

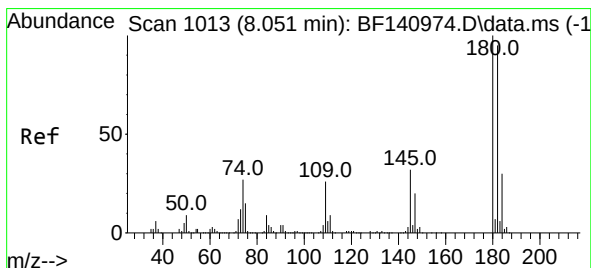
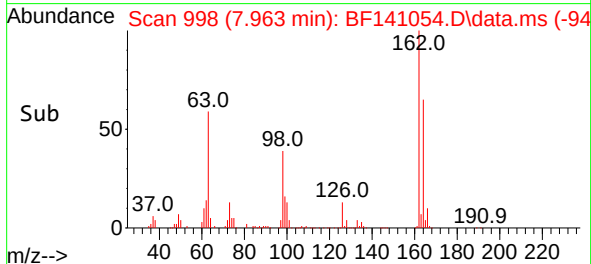
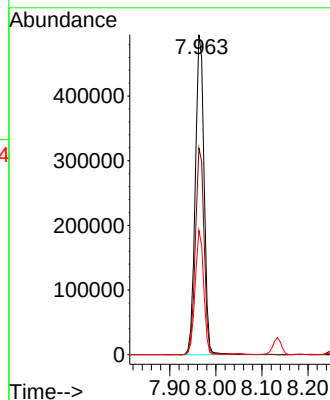
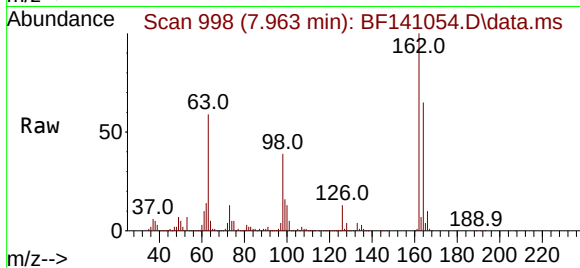
Tgt Ion:162 Resp: 650979

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 38.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.963 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

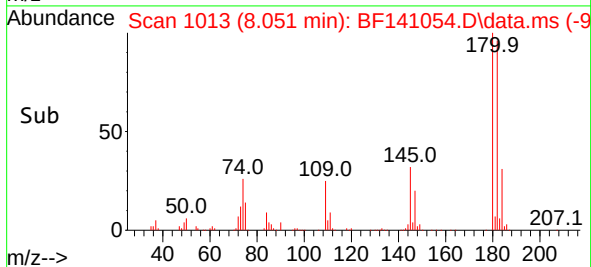
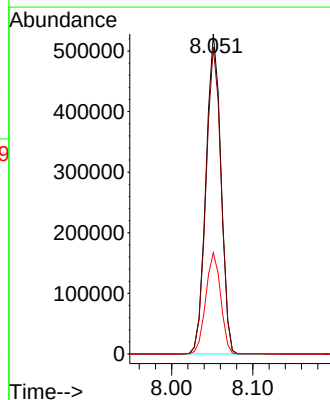
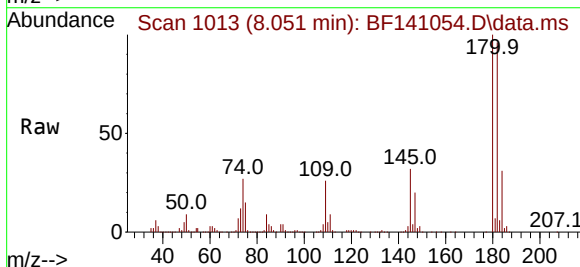
Tgt Ion:180 Resp: 674376

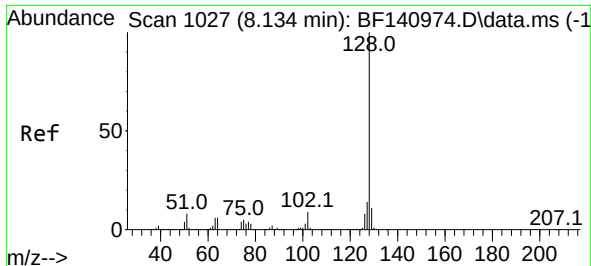
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 31.7 25.4 38.2

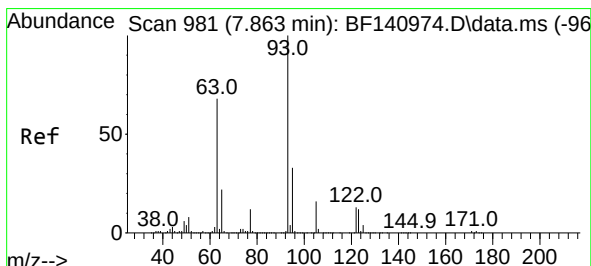
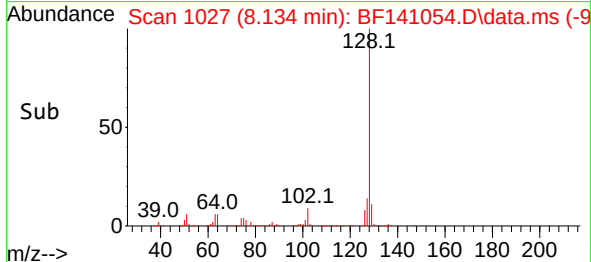
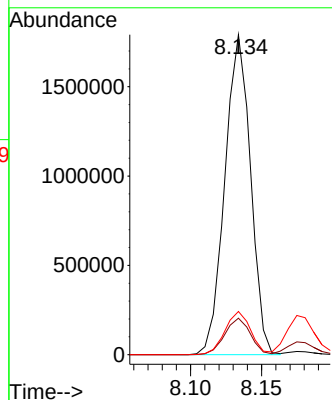
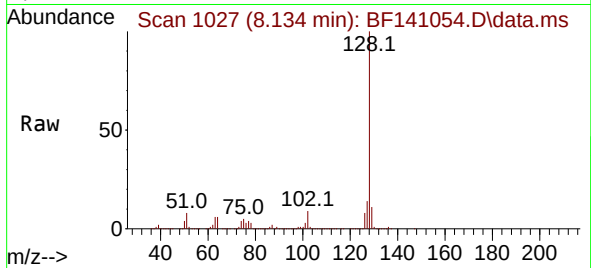




#31  
Naphthalene  
Concen: 47.524 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

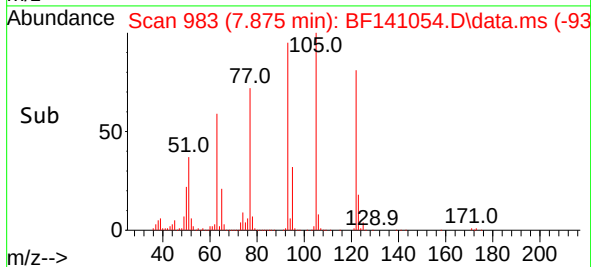
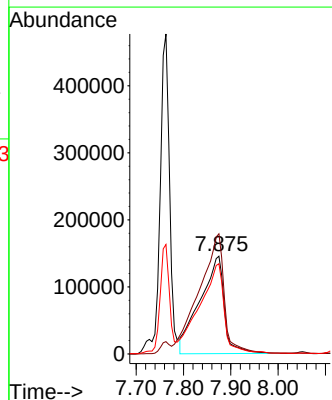
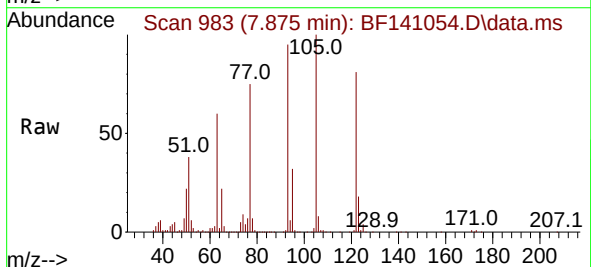
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

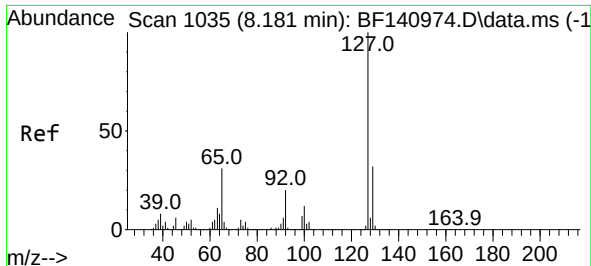
Tgt Ion:128 Resp: 2253555  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.5 11.0 16.4



#32  
Benzoic acid  
Concen: 55.150 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.012 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:122 Resp: 520249  
Ion Ratio Lower Upper  
122 100  
105 122.8 105.4 145.4  
77 92.3 76.4 116.4

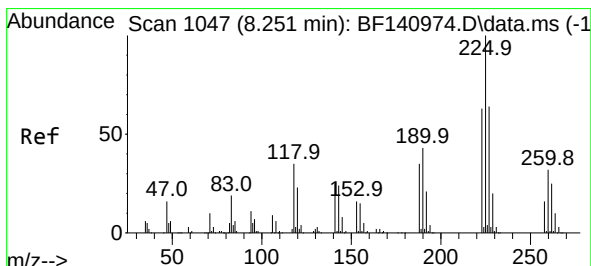
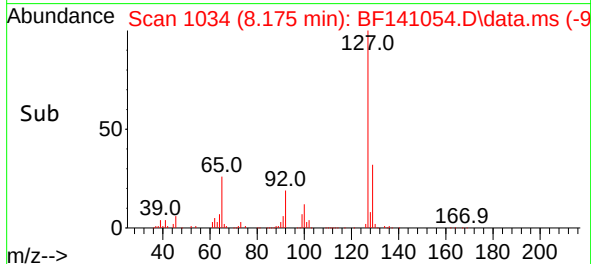
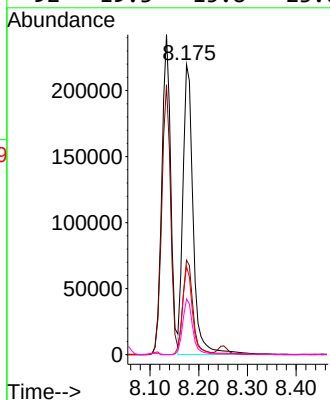
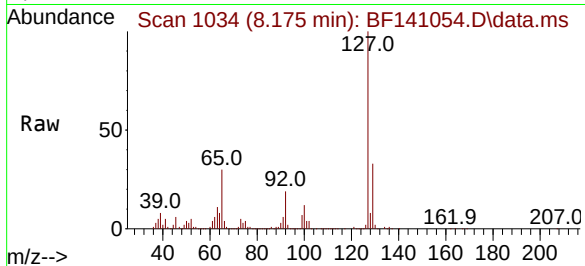




#33  
4-Chloroaniline  
Concen: 18.679 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

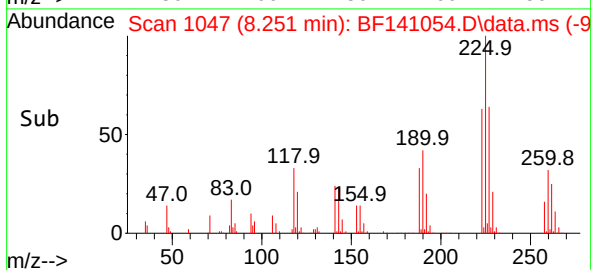
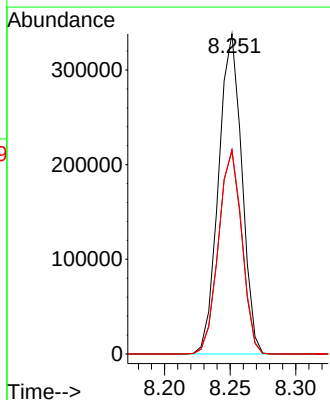
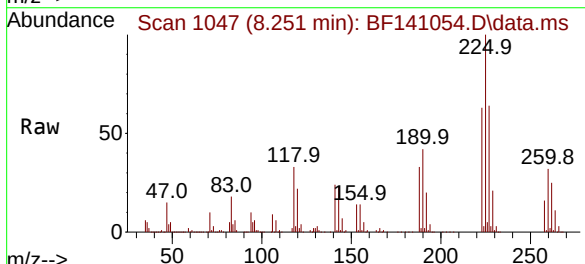
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

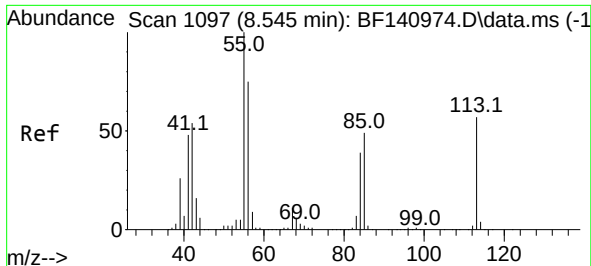
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 320443 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.6    | 26.1 39.1    |
| 65 30.3     | 24.6 37.0    |
| 92 19.3     | 15.8 23.6    |



#34  
Hexachlorobutadiene  
Concen: 49.230 ng  
RT: 8.251 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 416754 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 63.4    | 50.3 75.5    |
| 227 63.9    | 50.8 76.2    |

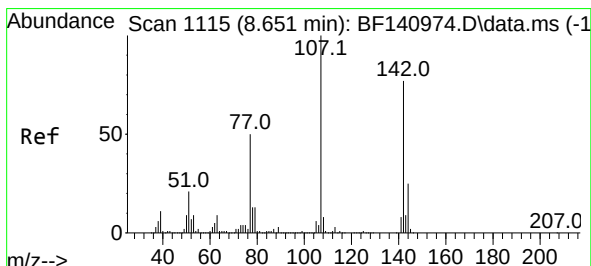
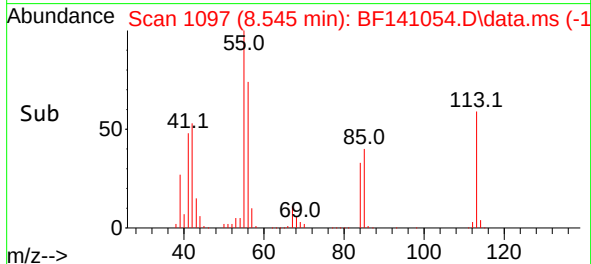
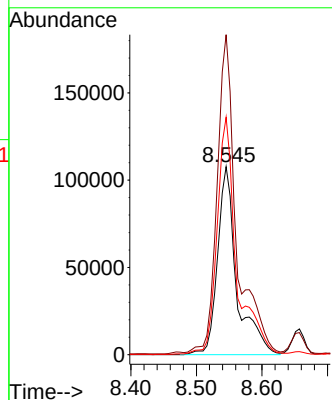
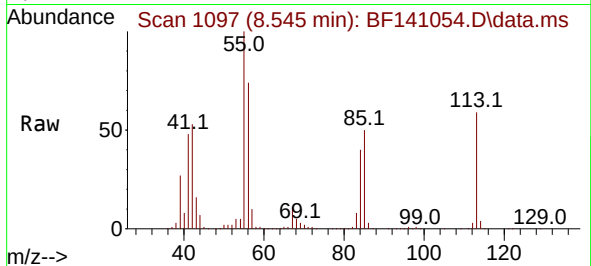




#35  
 Caprolactam  
 Concen: 50.765 ng  
 RT: 8.545 min Scan# 1097  
 Delta R.T. 0.000 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

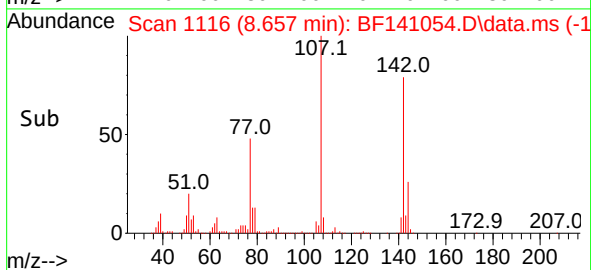
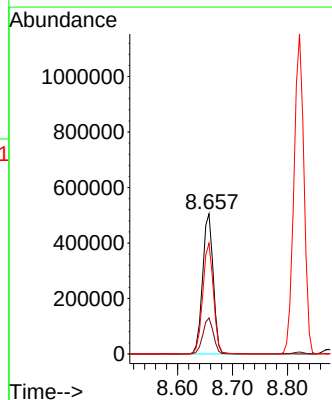
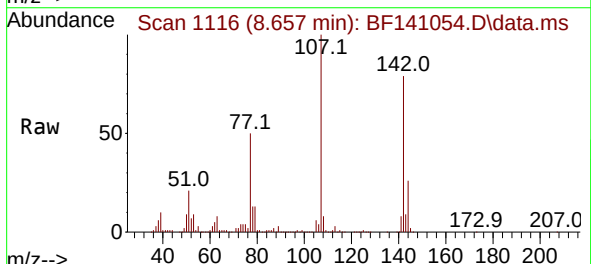
Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349MS

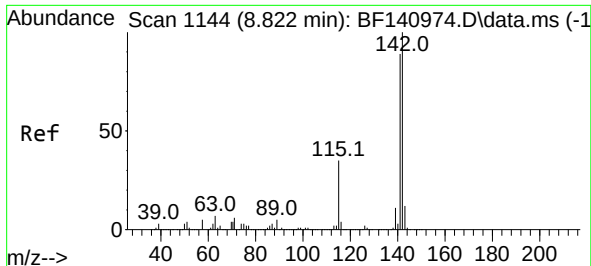
Tgt Ion:113 Resp: 218948  
 Ion Ratio Lower Upper  
 113 100  
 55 170.2 156.6 196.6  
 56 126.3 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.613 ng  
 RT: 8.657 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

Tgt Ion:107 Resp: 684939  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 19.9 29.9  
 142 79.0 61.8 92.8

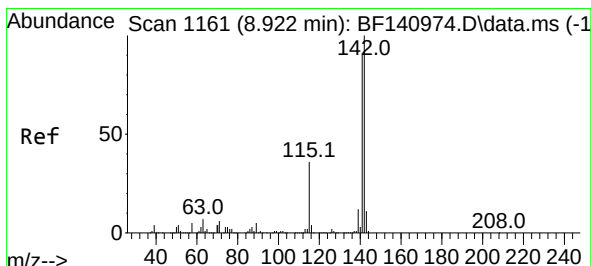
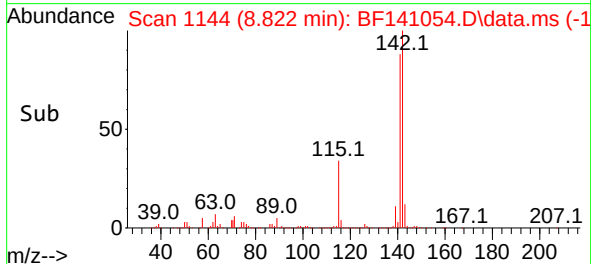
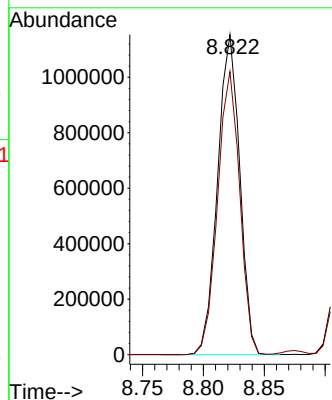
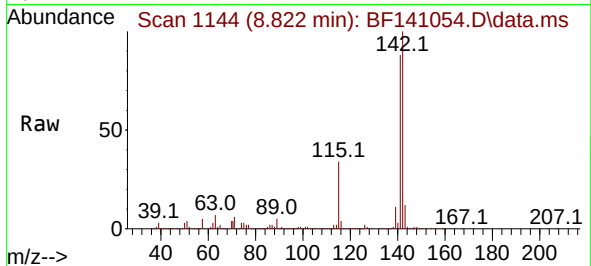




#37  
2-Methylnaphthalene  
Concen: 48.169 ng  
RT: 8.822 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

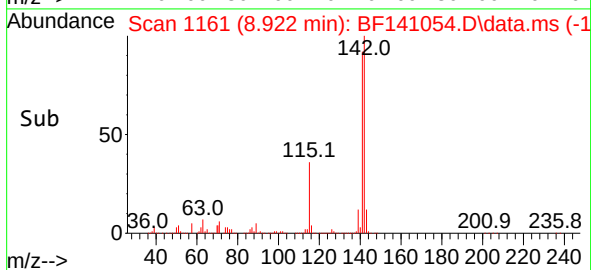
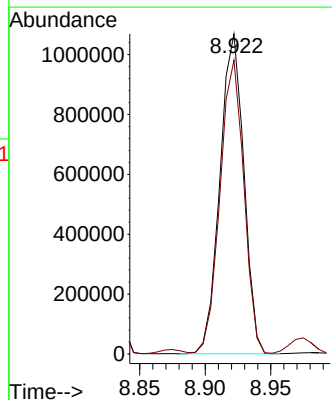
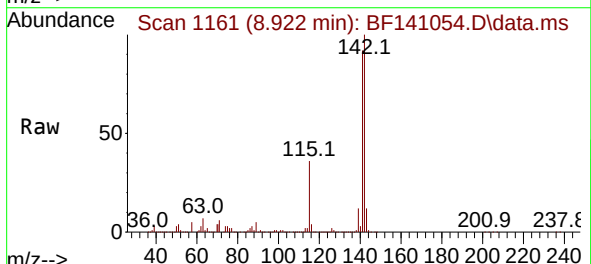
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

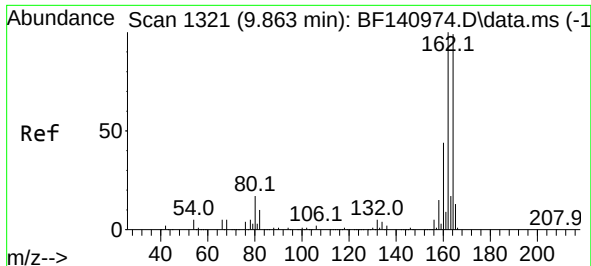
Tgt Ion:142 Resp: 1461252  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 45.388 ng  
RT: 8.922 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

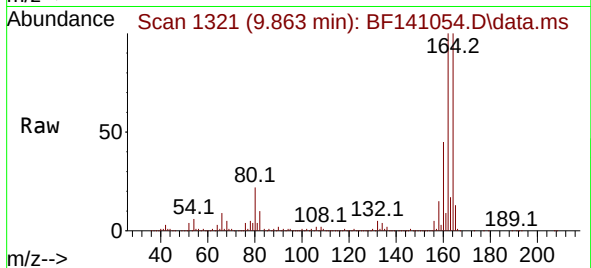
Tgt Ion:142 Resp: 1353169  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.7 109.1



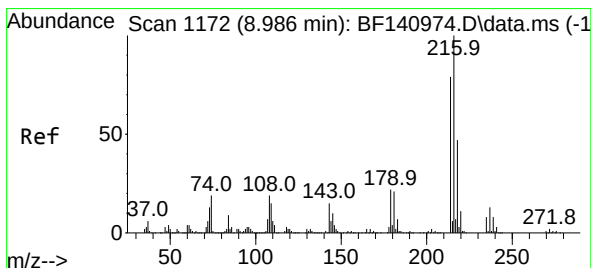
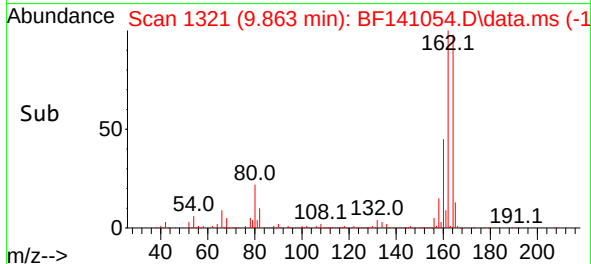
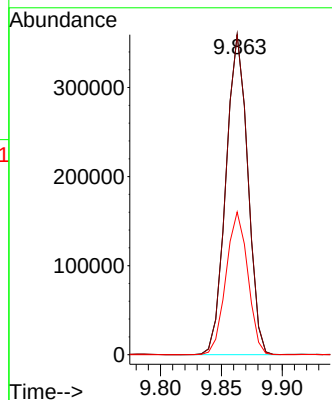


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

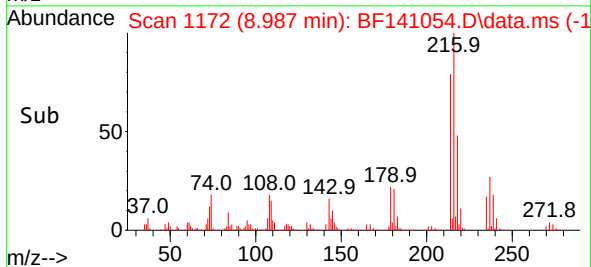
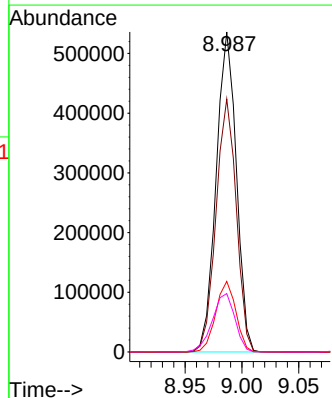
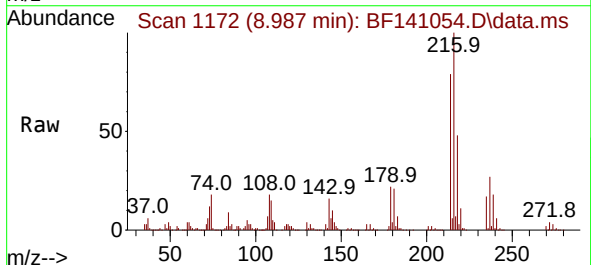


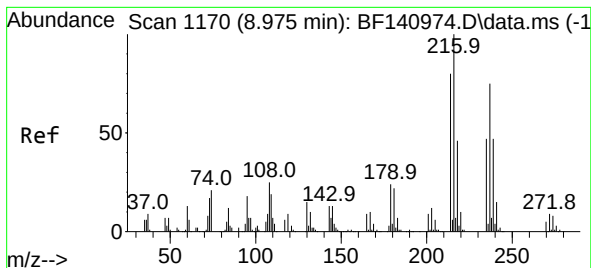
Tgt Ion:164 Resp: 448717  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.6 120.8  
160 44.6 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.590 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:216 Resp: 661559  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.0 94.6  
179 22.1 17.9 26.9  
108 20.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 133.308 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

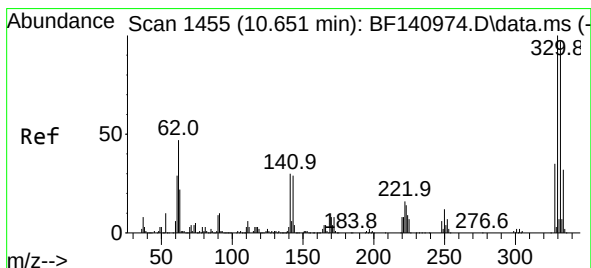
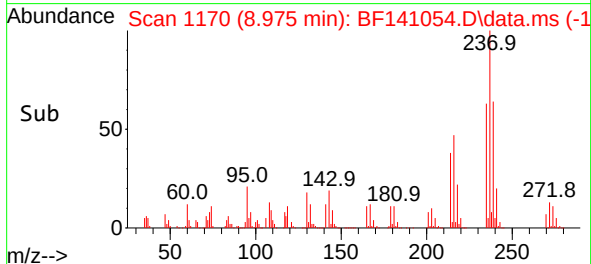
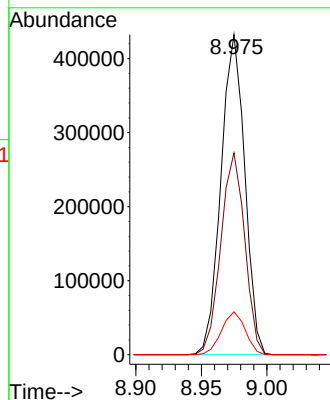
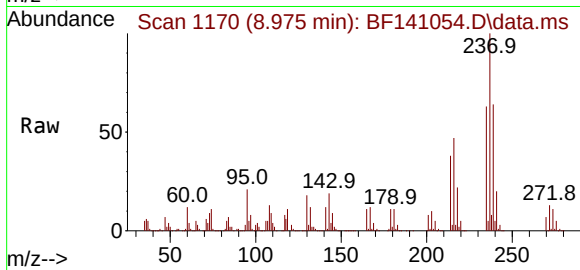
Tgt Ion:237 Resp: 545350

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

272 13.4 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 77.157 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

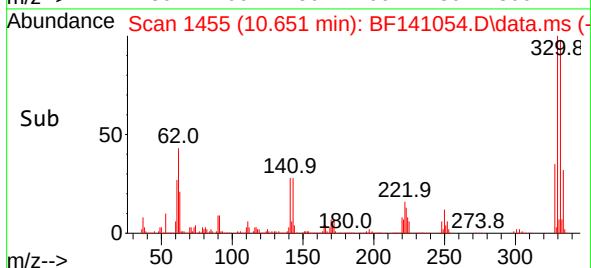
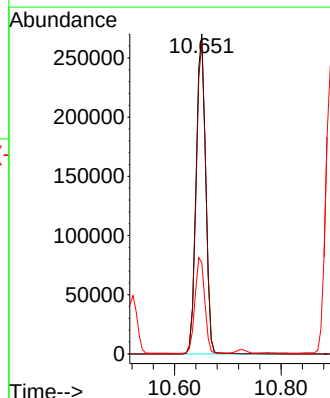
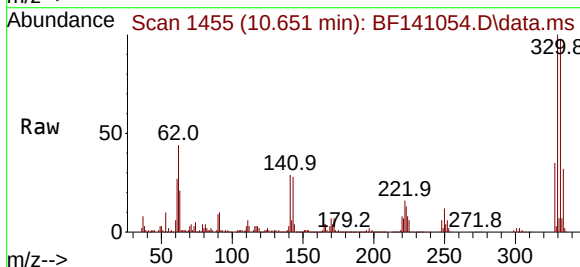
Tgt Ion:330 Resp: 336419

Ion Ratio Lower Upper

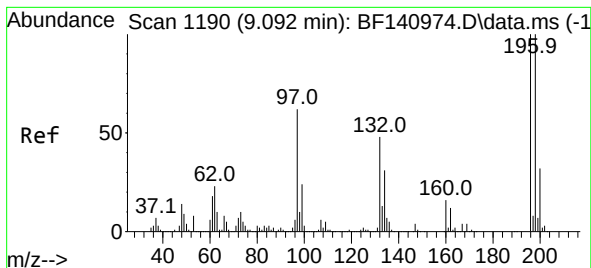
330 100

332 97.0 78.0 117.0

141 30.5 26.4 39.6







#43

2,4,6-Trichlorophenol

Concen: 55.410 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

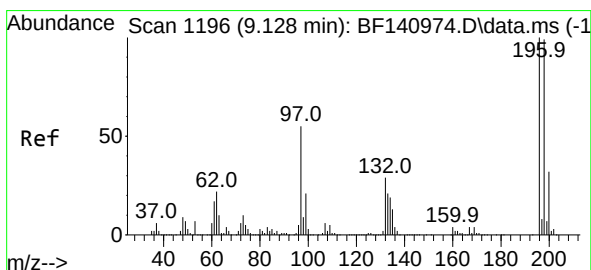
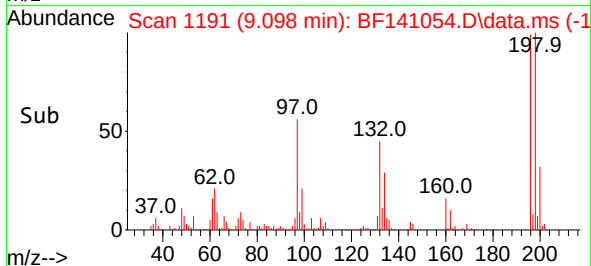
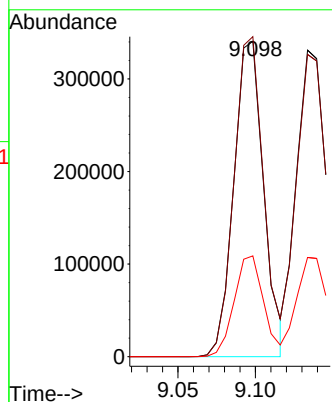
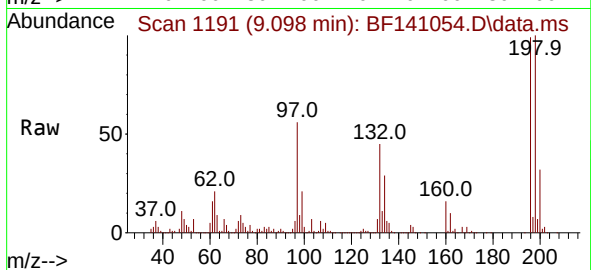
Tgt Ion:196 Resp: 455257

Ion Ratio Lower Upper

196 100

198 101.4 80.2 120.4

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 53.060 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Tgt Ion:196 Resp: 446056

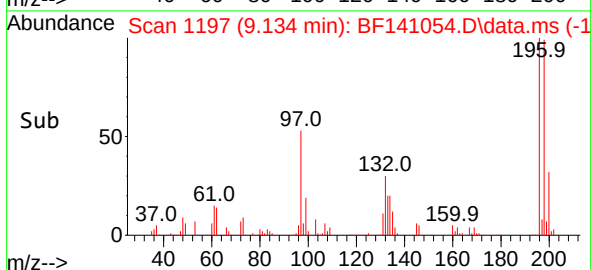
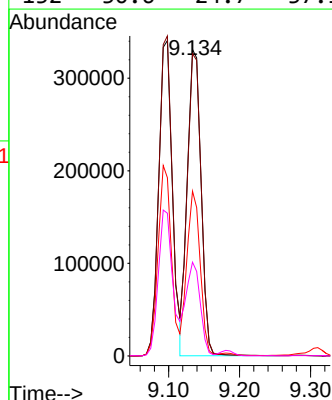
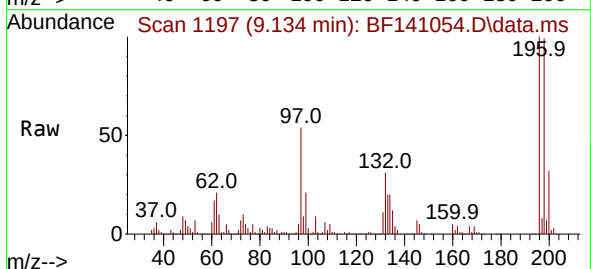
Ion Ratio Lower Upper

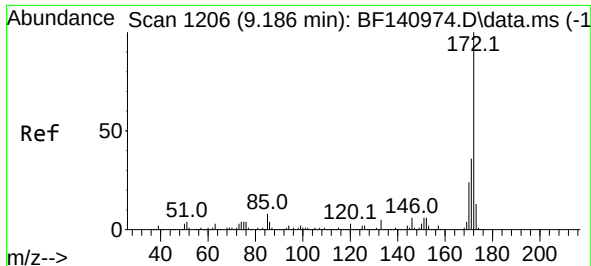
196 100

198 98.6 79.9 119.9

97 53.8 44.3 66.5

132 30.6 24.7 37.1

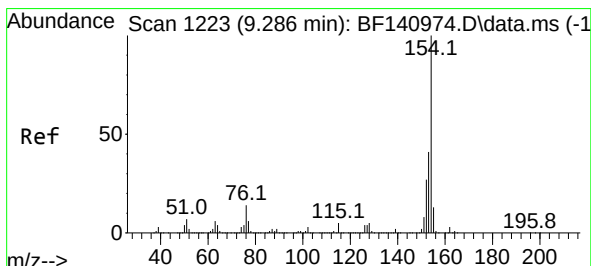
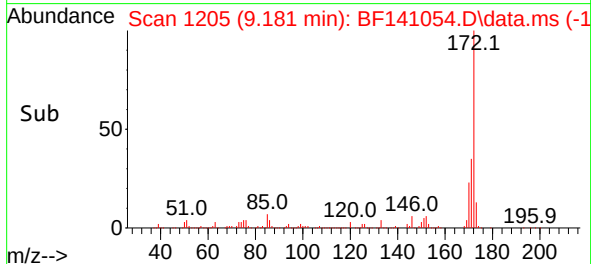
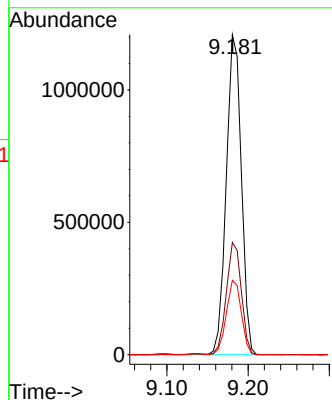
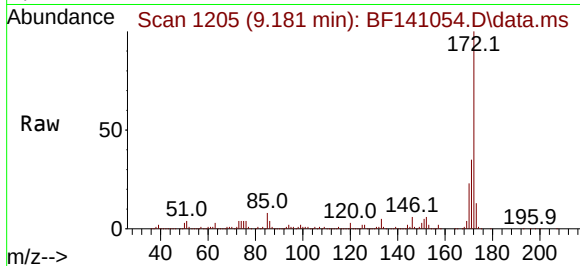




#45  
2-Fluorobiphenyl  
Concen: 55.399 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

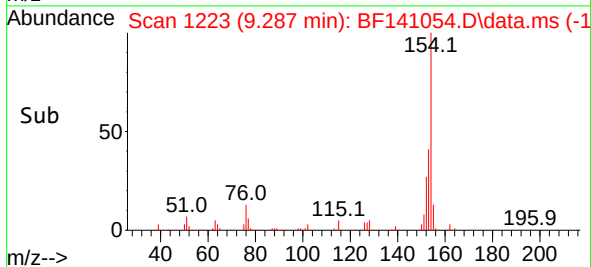
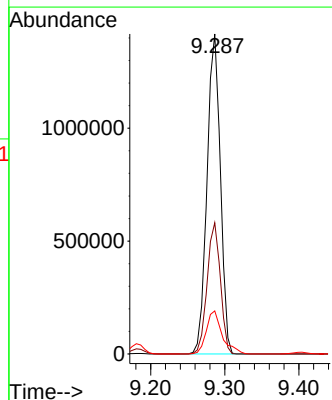
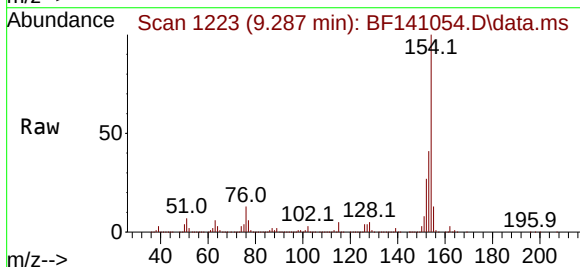
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

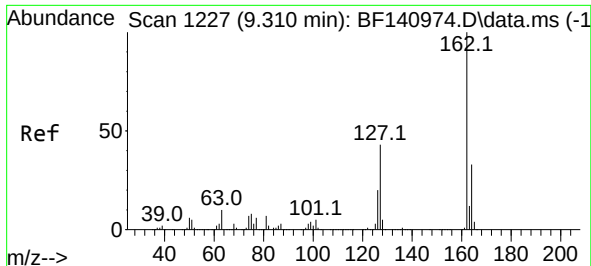
Tgt Ion:172 Resp: 1560253  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.0 43.4  
170 23.2 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 51.515 ng  
RT: 9.287 min Scan# 1223  
Delta R.T. 0.001 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:154 Resp: 1769941  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.9 60.9  
76 13.4 0.0 34.0

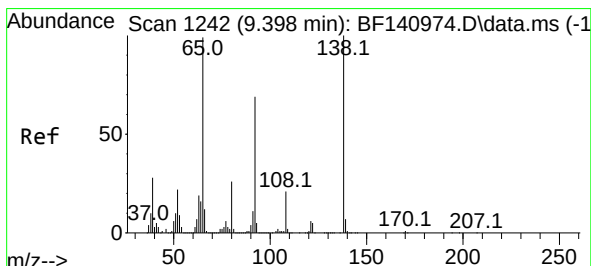
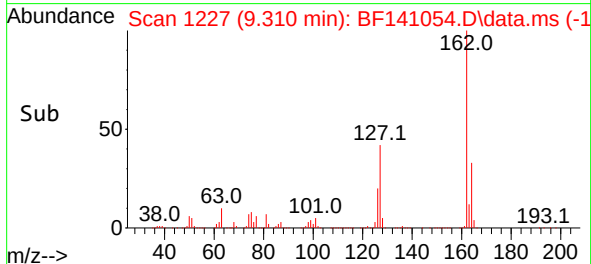
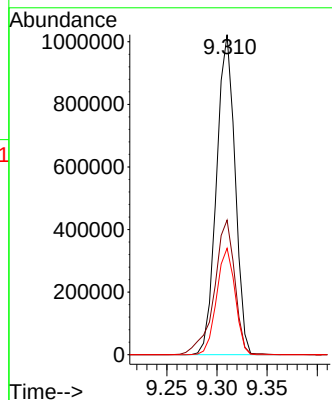
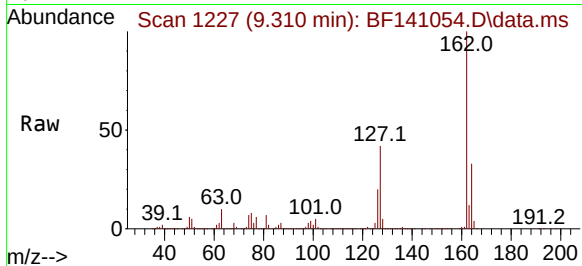




#47  
2-Chloronaphthalene  
Concen: 49.183 ng  
RT: 9.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

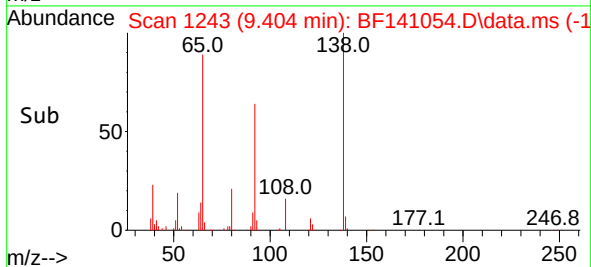
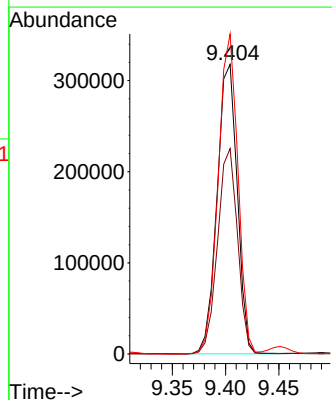
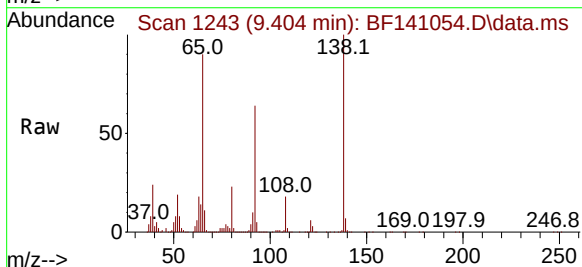
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

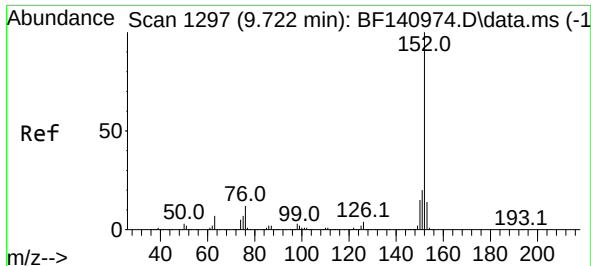
Tgt Ion:162 Resp: 1310572  
Ion Ratio Lower Upper  
162 100  
127 42.1 34.2 51.4  
164 33.3 26.6 40.0



#48  
2-Nitroaniline  
Concen: 58.755 ng  
RT: 9.404 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion: 65 Resp: 417615  
Ion Ratio Lower Upper  
65 100  
92 70.9 55.6 83.4  
138 110.5 80.5 120.7





#49

Acenaphthylene

Concen: 51.784 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

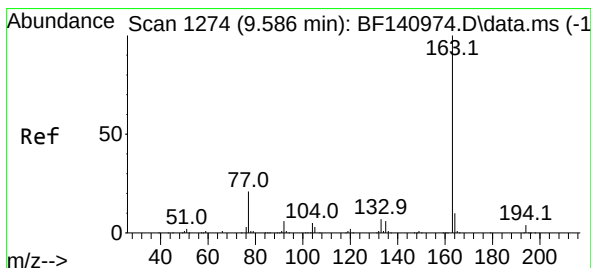
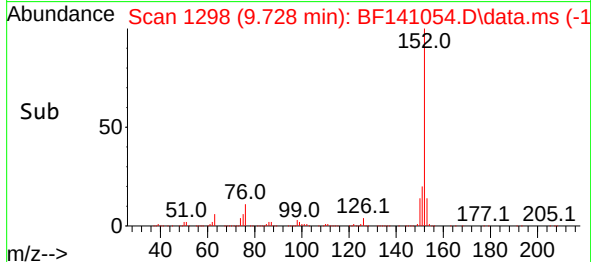
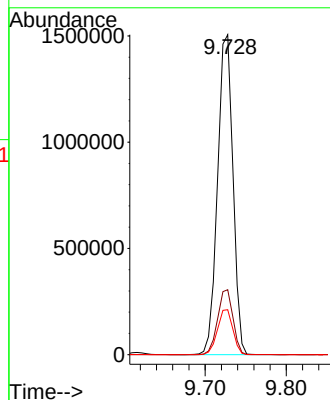
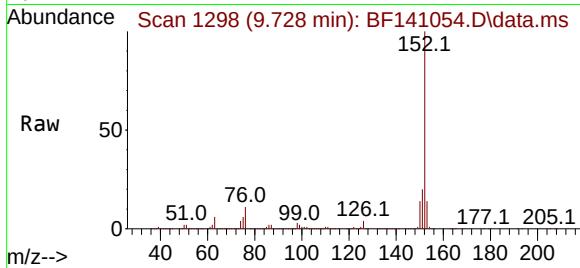
Tgt Ion:152 Resp: 1986431

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 14.0 11.4 17.0



#50

Dimethylphthalate

Concen: 53.411 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

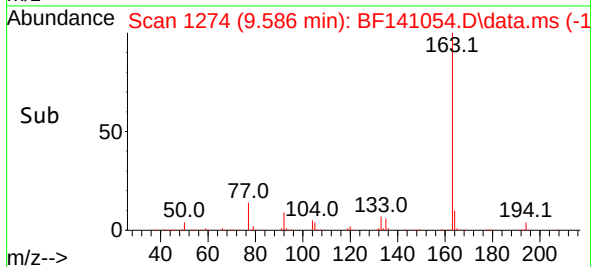
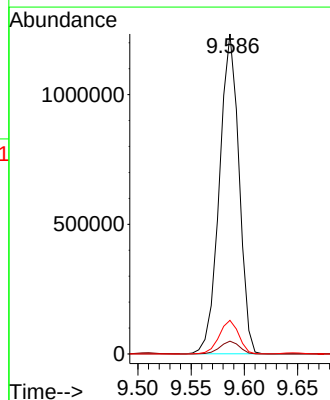
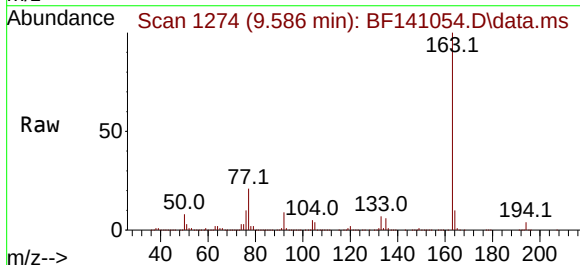
Tgt Ion:163 Resp: 1576425

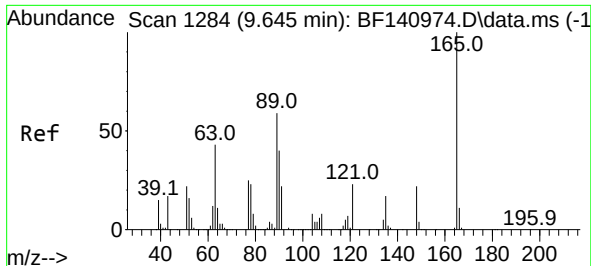
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.5 8.3 12.5

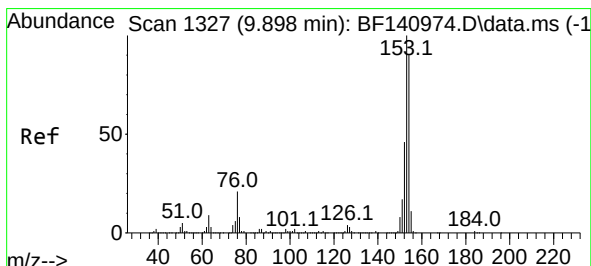
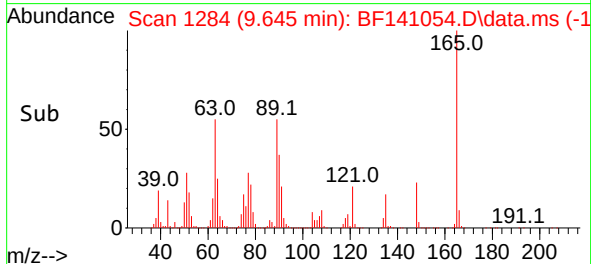
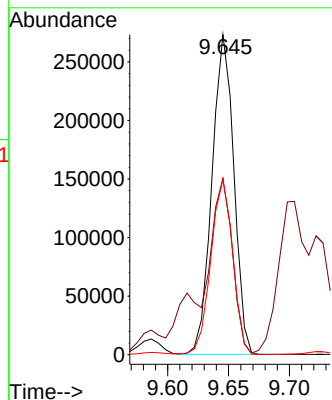
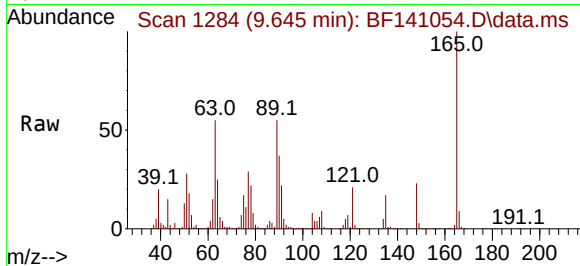




#51  
2,6-Dinitrotoluene  
Concen: 55.971 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

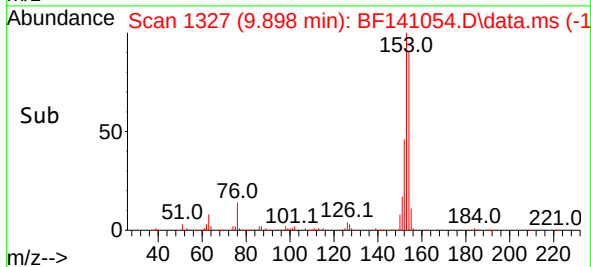
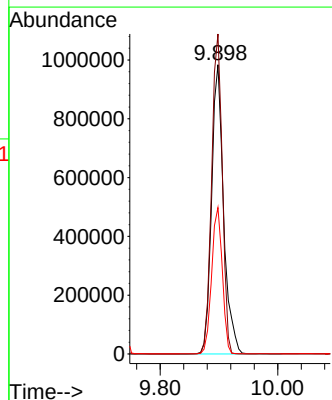
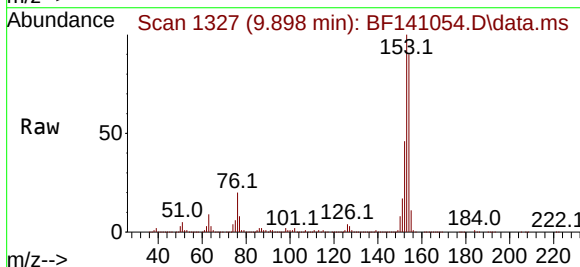
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

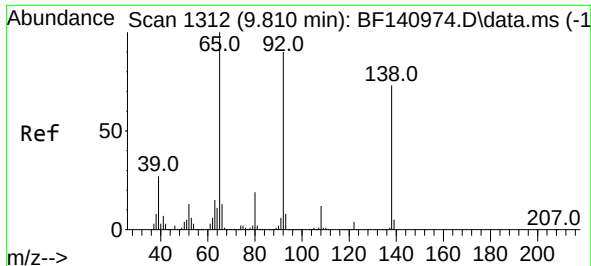
Tgt Ion:165 Resp: 340853  
Ion Ratio Lower Upper  
165 100  
63 55.1 47.1 70.7  
89 54.7 47.0 70.4



#52  
Acenaphthene  
Concen: 54.054 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:154 Resp: 1401770  
Ion Ratio Lower Upper  
154 100  
153 110.6 89.2 133.8  
152 50.6 40.9 61.3

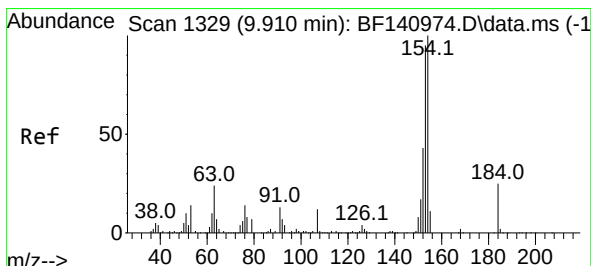
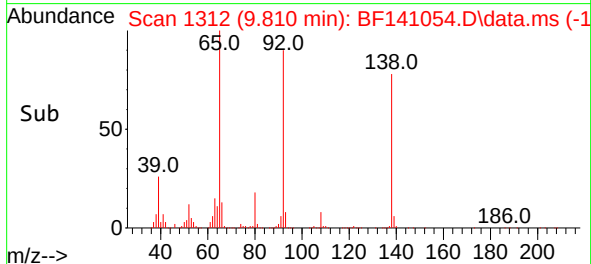
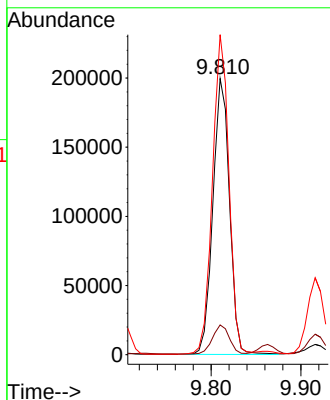
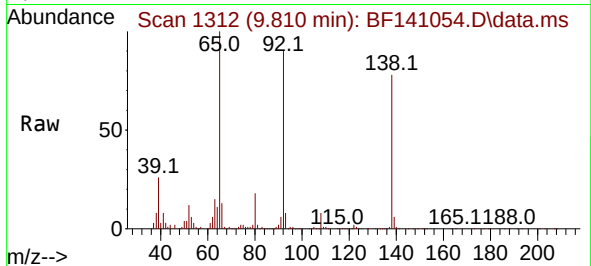




#53  
3-Nitroaniline  
Concen: 39.742 ng  
RT: 9.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

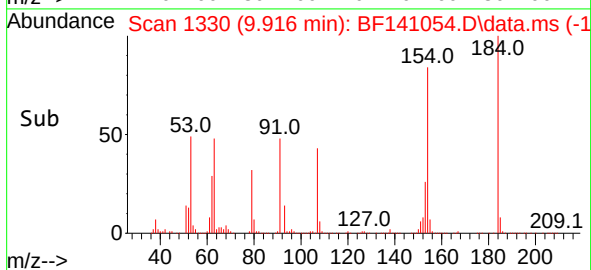
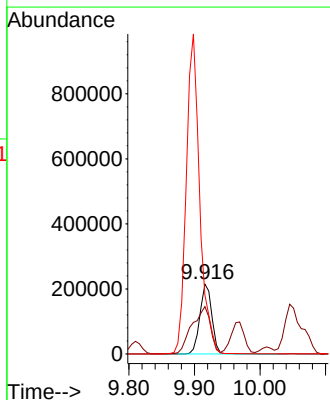
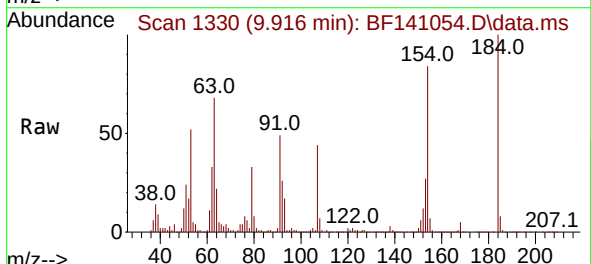
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

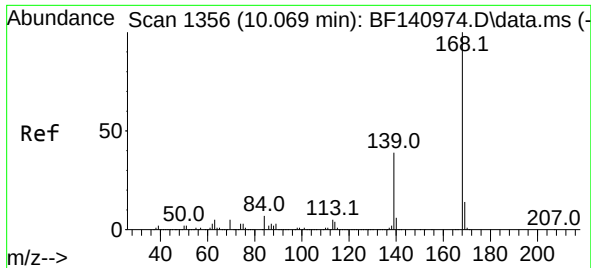
Tgt Ion:138 Resp: 256199  
Ion Ratio Lower Upper  
138 100  
108 10.8 13.5 20.3#  
92 115.9 97.7 146.5



#54  
2,4-Dinitrophenol  
Concen: 101.078 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:184 Resp: 271932  
Ion Ratio Lower Upper  
184 100  
63 67.9 81.6 122.4#  
154 84.5 363.5 545.3#

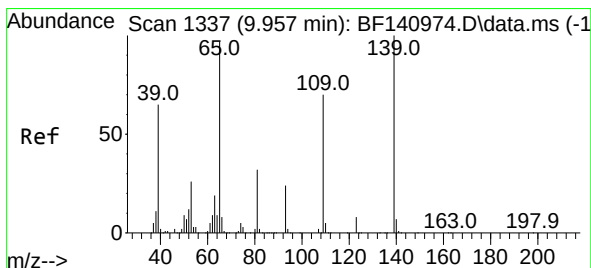
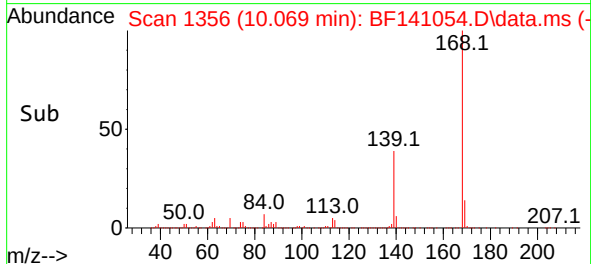
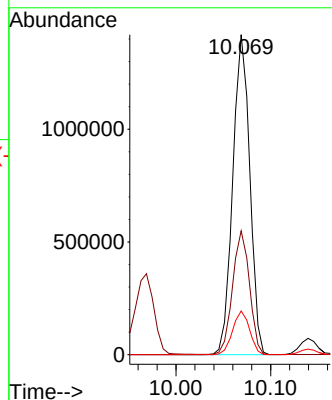
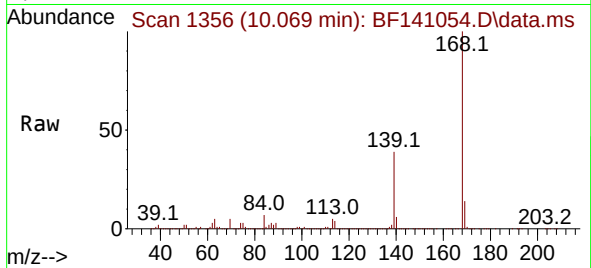




#55  
Dibenzenofuran  
Concen: 48.514 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

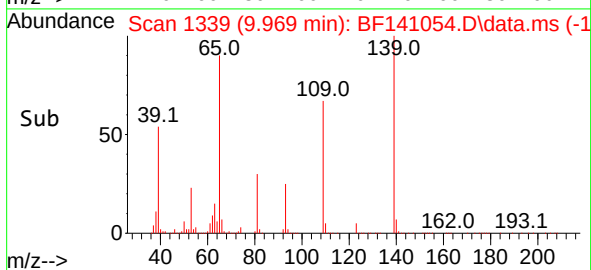
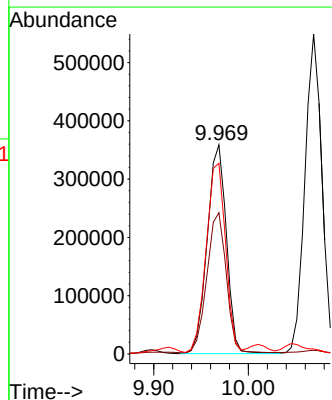
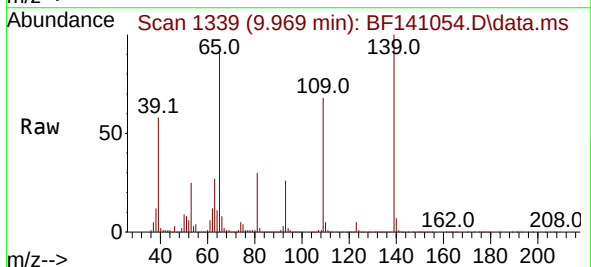
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

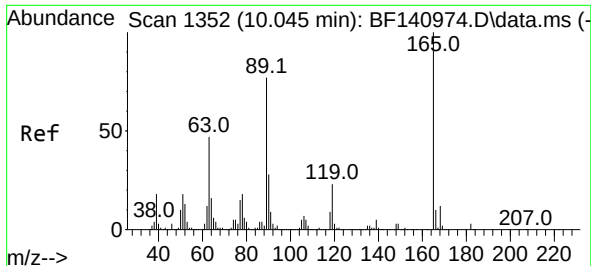
Tgt Ion:168 Resp: 1768095  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.6 47.4  
169 13.7 11.0 16.6



#56  
4-Nitrophenol  
Concen: 99.679 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:139 Resp: 503257  
Ion Ratio Lower Upper  
139 100  
109 67.5 50.8 90.8  
65 91.2 78.5 118.5

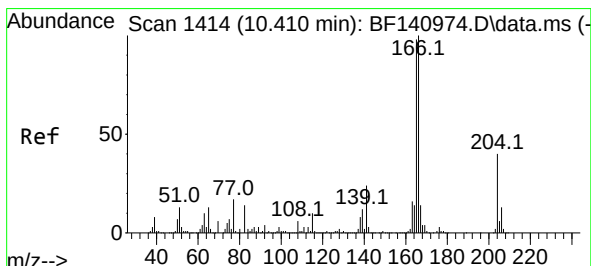
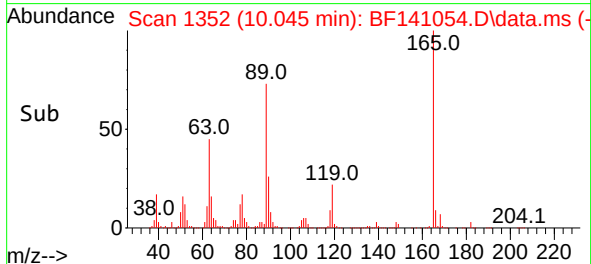
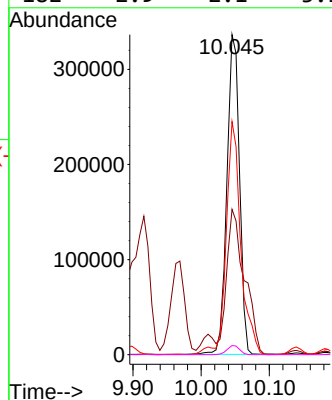
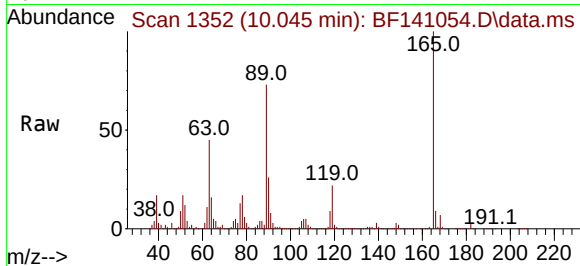




#57  
2,4-Dinitrotoluene  
Concen: 57.678 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

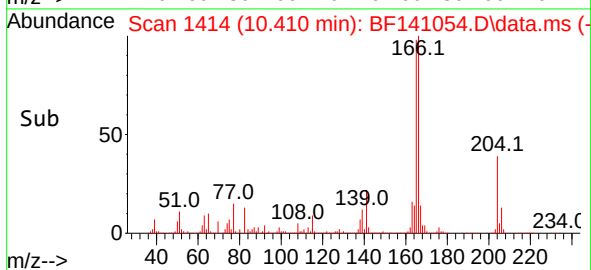
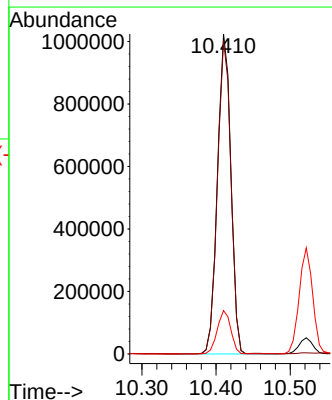
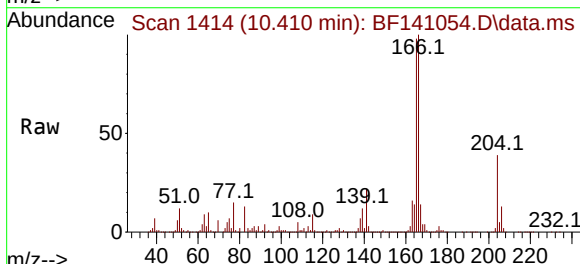
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

Tgt Ion:165 Resp: 432207  
Ion Ratio Lower Upper  
165 100  
63 45.4 38.1 57.1  
89 72.9 61.4 92.2  
182 2.9 2.1 3.1

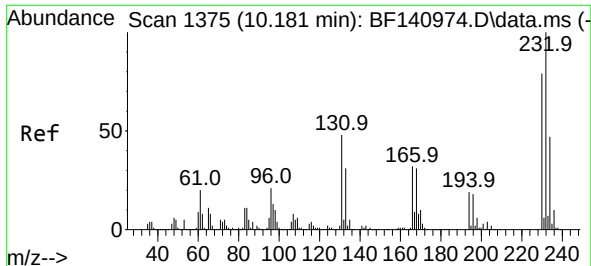


#58  
Fluorene  
Concen: 45.596 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:166 Resp: 1288587  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.3 117.5  
167 13.6 10.9 16.3



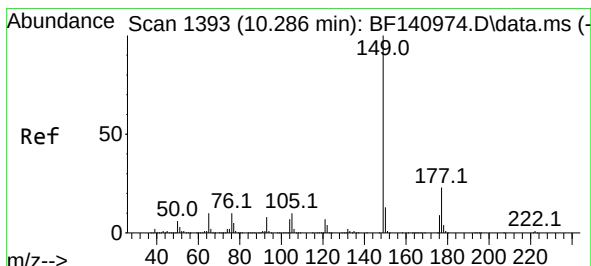
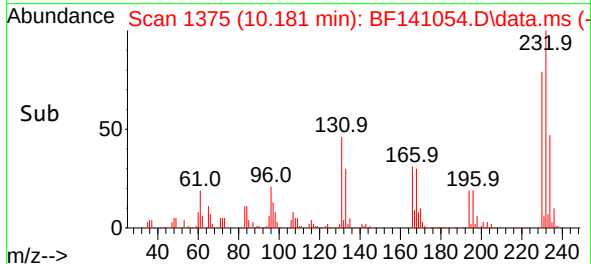
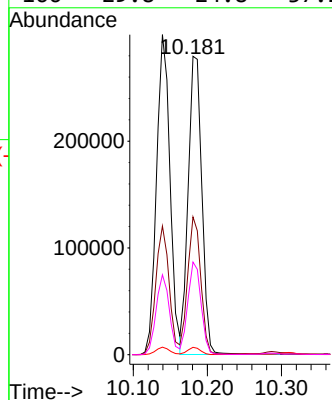
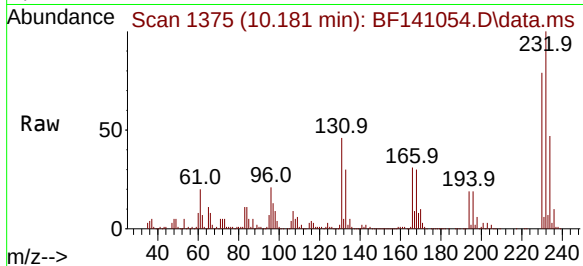




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.569 ng  
RT: 10.181 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

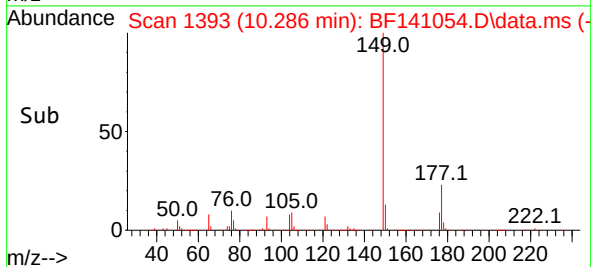
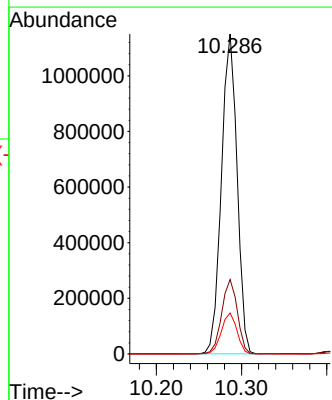
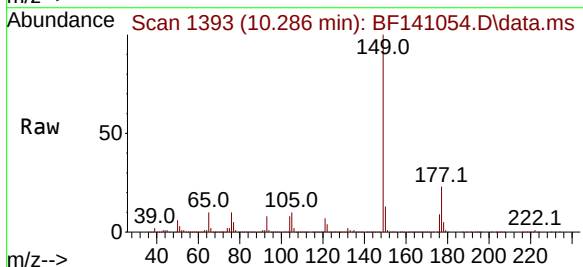
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

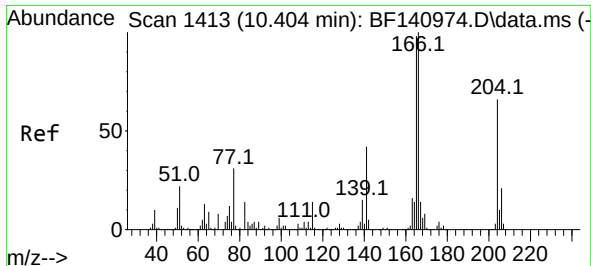
Tgt Ion:232 Resp: 359038  
Ion Ratio Lower Upper  
232 100  
131 43.9 37.4 56.2  
130 2.3 1.8 2.8  
166 29.8 24.8 37.2



#60  
Diethylphthalate  
Concen: 50.307 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 1465873  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.3 27.5  
150 12.8 10.4 15.6

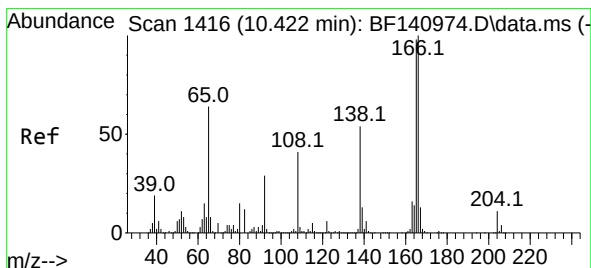
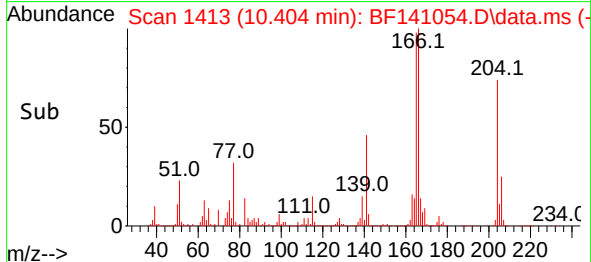
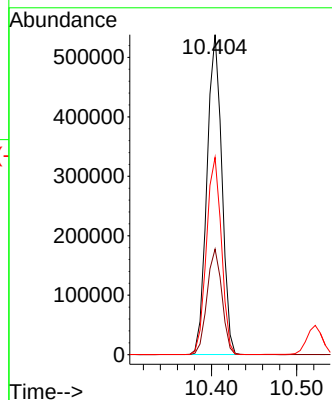
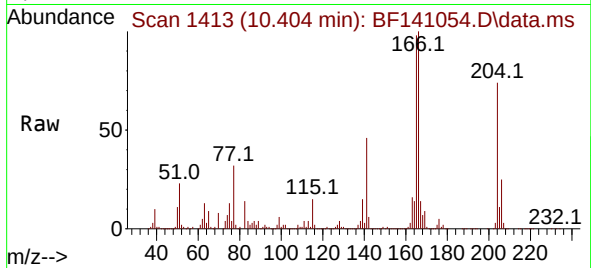




#61  
4-Chlorophenyl-phenylether  
Concen: 47.873 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

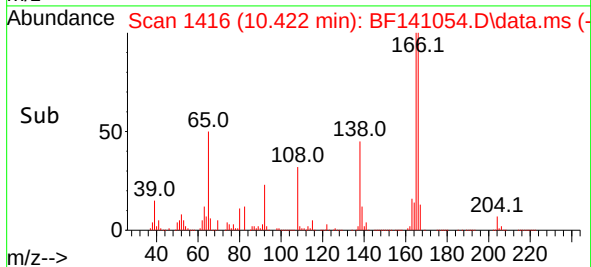
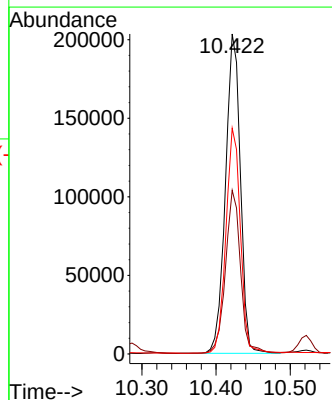
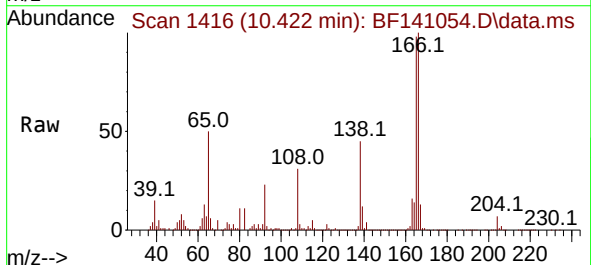
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

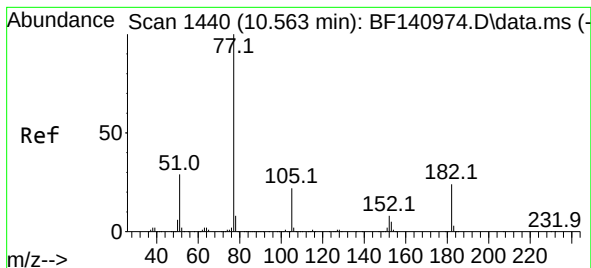
Tgt Ion:204 Resp: 651006  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 61.7 51.2 76.8



#62  
4-Nitroaniline  
Concen: 43.781 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:138 Resp: 284238  
Ion Ratio Lower Upper  
138 100  
92 51.2 34.8 74.8  
108 70.6 55.9 95.9





#63

Azobenzene

Concen: 51.440 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

Tgt Ion: 77 Resp: 1573251

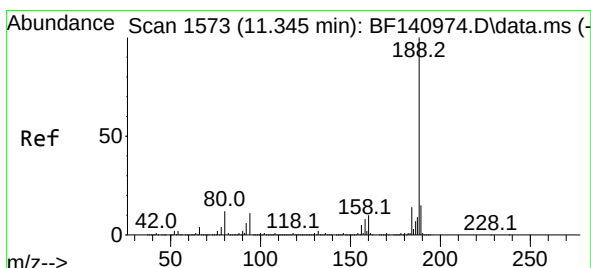
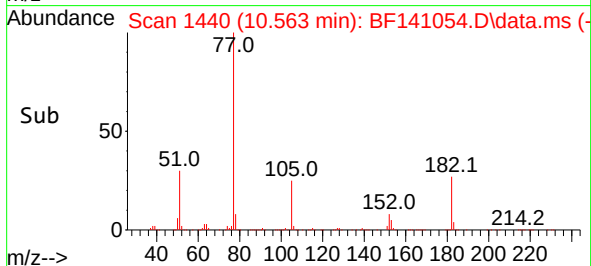
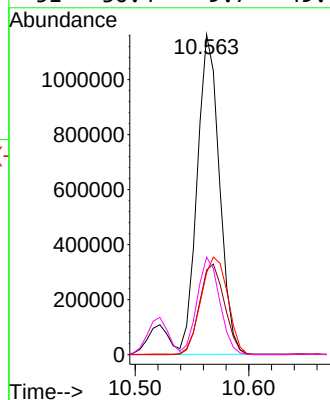
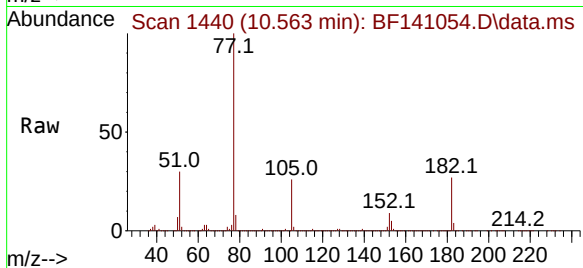
Ion Ratio Lower Upper

77 100

182 26.5 4.1 44.1

105 25.6 1.8 41.8

51 30.4 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

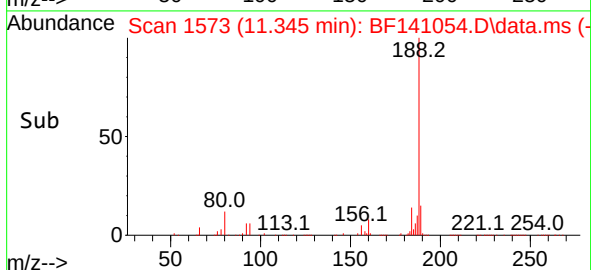
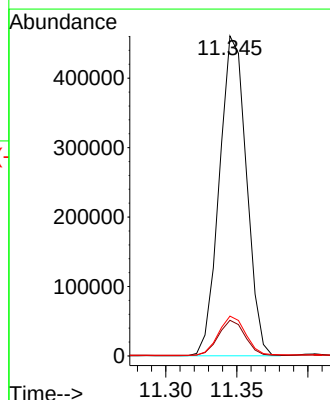
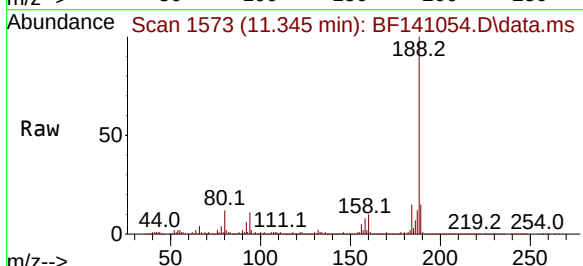
Tgt Ion:188 Resp: 609963

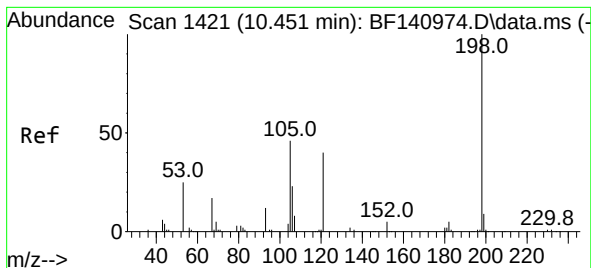
Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.5 9.8 14.6

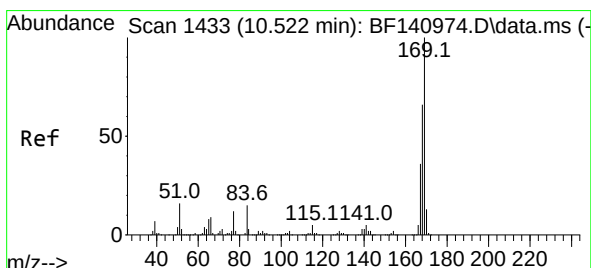
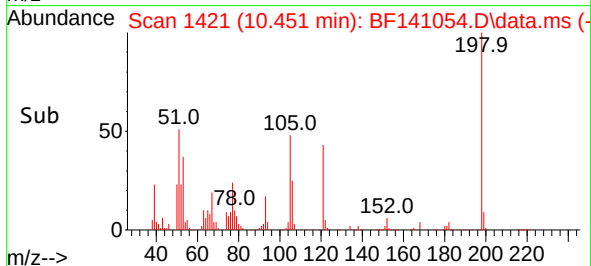
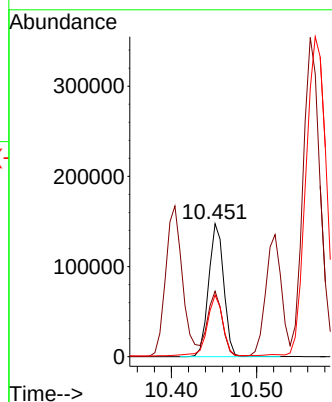
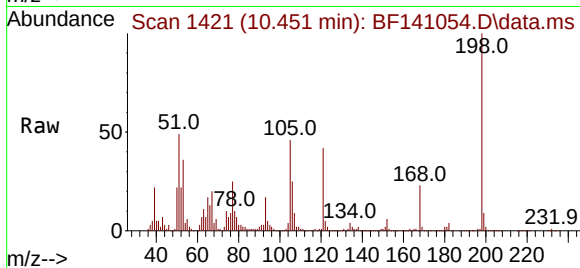




#65  
4,6-Dinitro-2-methylphenol  
Concen: 69.479 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

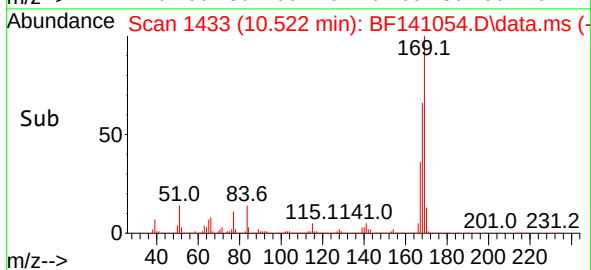
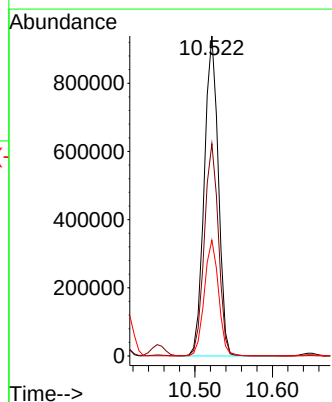
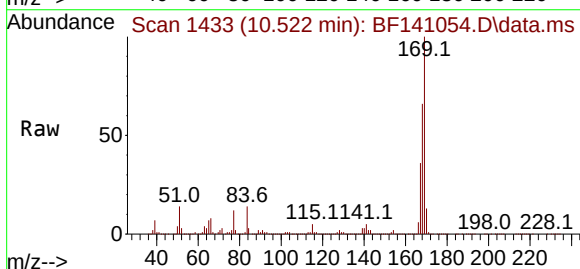
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

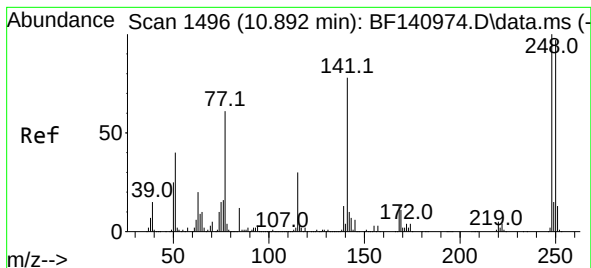
Tgt Ion:198 Resp: 181596  
Ion Ratio Lower Upper  
198 100  
51 49.3 32.3 72.3  
105 46.4 28.4 68.4



#66  
n-Nitrosodiphenylamine  
Concen: 61.425 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:169 Resp: 1179832  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.6 79.0  
167 36.2 29.0 43.4

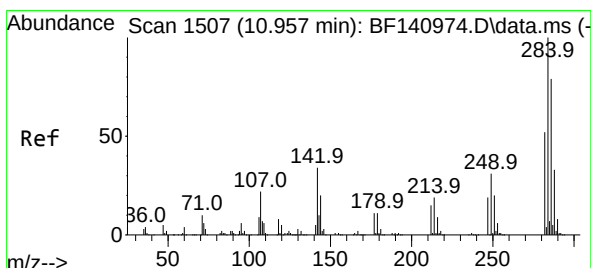
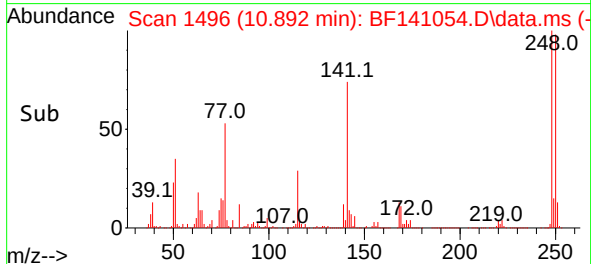
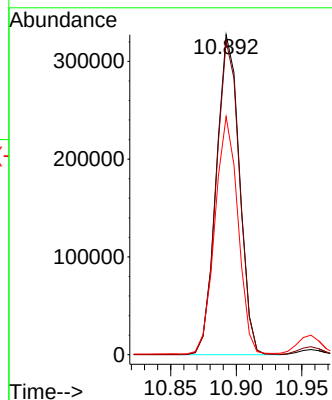
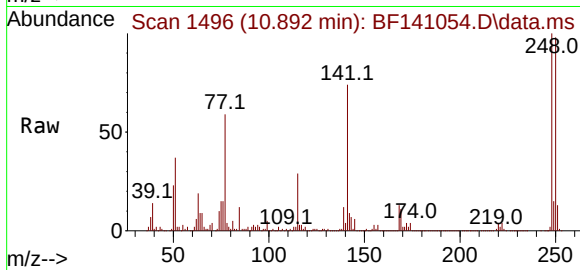




#67  
4-Bromophenyl-phenylether  
Concen: 61.157 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

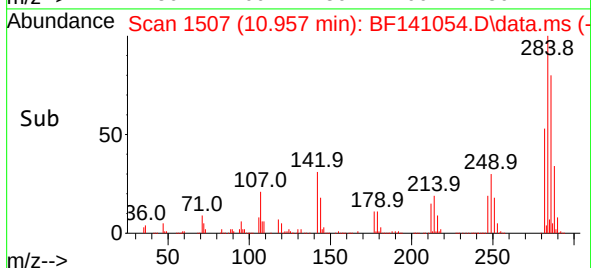
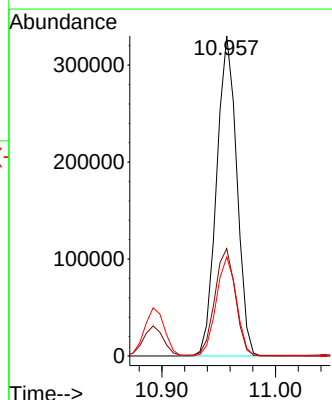
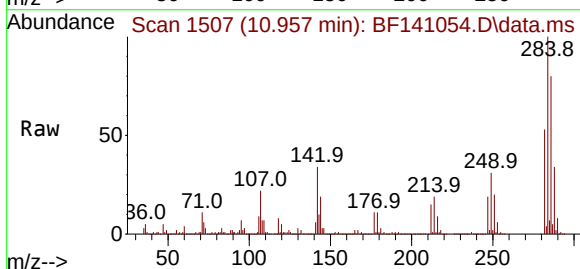
Instrument :  
BNA\_F  
ClientSampleId :  
341-349MS

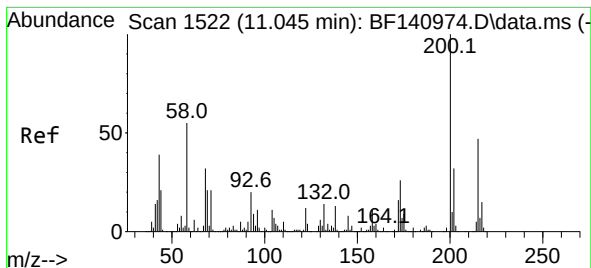
Tgt Ion:248 Resp: 403257  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.7 116.5  
141 74.4 62.1 93.1



#68  
Hexachlorobenzene  
Concen: 56.107 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF141054.D  
Acq: 31 Dec 2024 13:09

Tgt Ion:284 Resp: 407937  
Ion Ratio Lower Upper  
284 100  
142 33.6 27.1 40.7  
249 31.0 25.1 37.7





#69

Atrazine

Concen: 69.975 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

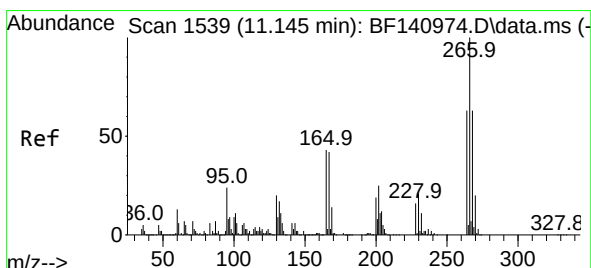
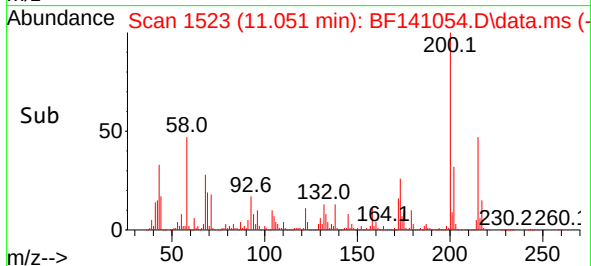
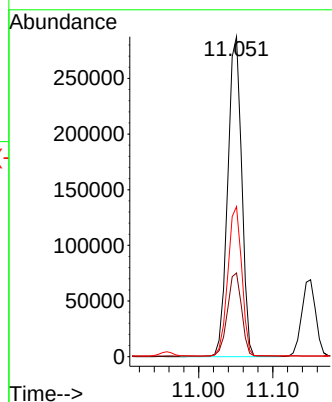
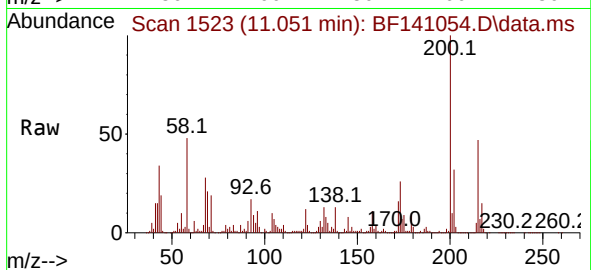
Tgt Ion:200 Resp: 375485

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 46.9 27.2 67.2



#70

Pentachlorophenol

Concen: 107.816 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

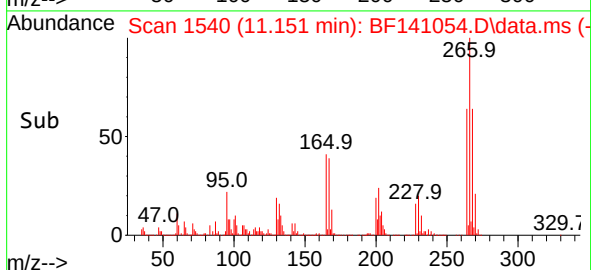
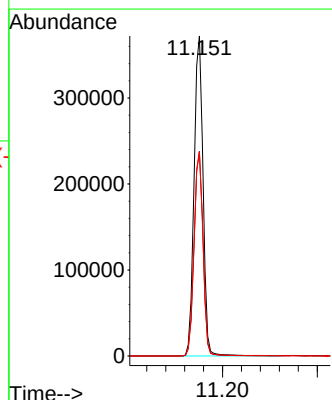
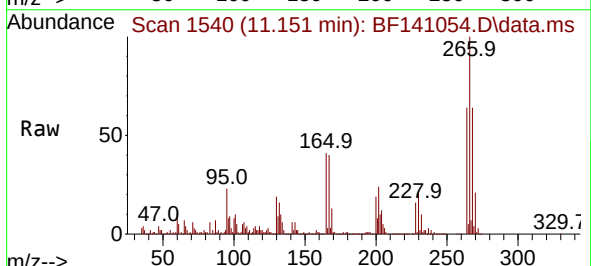
Tgt Ion:266 Resp: 488061

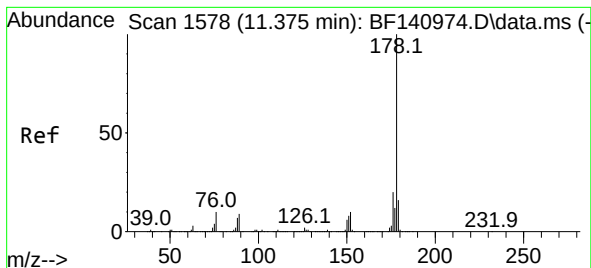
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.9 50.2 75.4





#71

Phenanthrene

Concen: 54.428 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

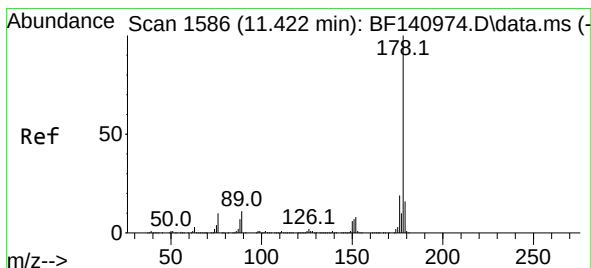
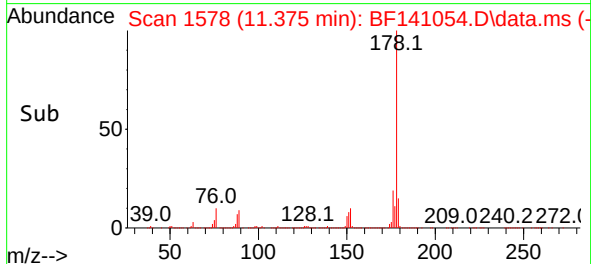
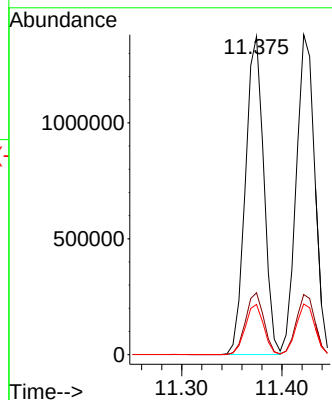
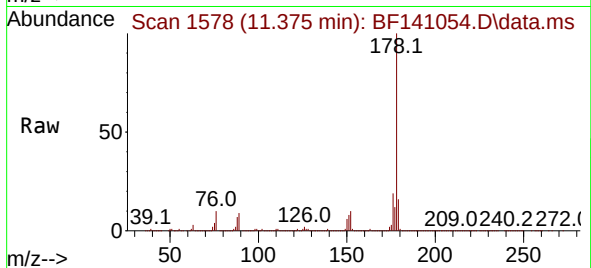
Tgt Ion:178 Resp: 1747304

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.8 12.6 19.0



#72

Anthracene

Concen: 56.073 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

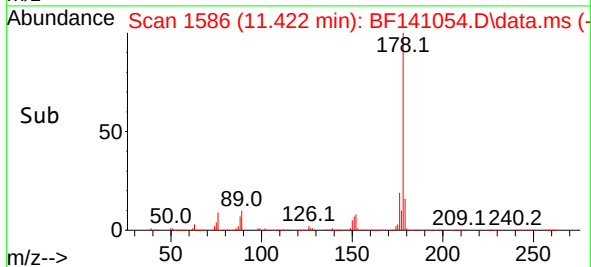
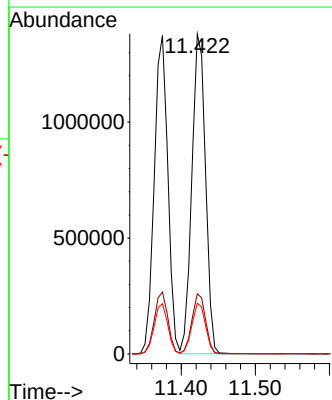
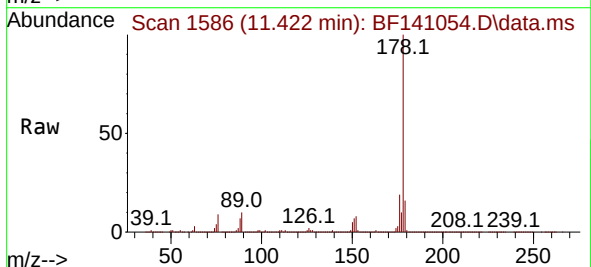
Tgt Ion:178 Resp: 1763875

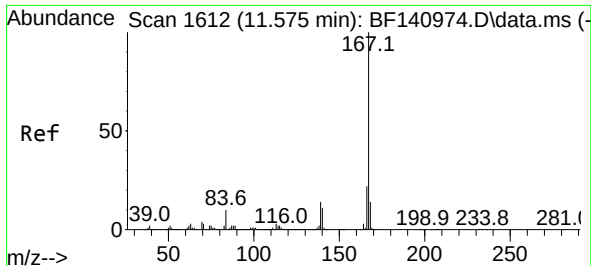
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.9 12.9 19.3

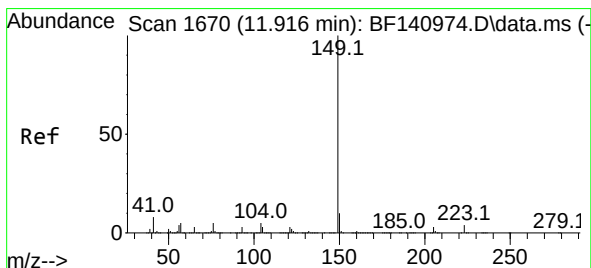
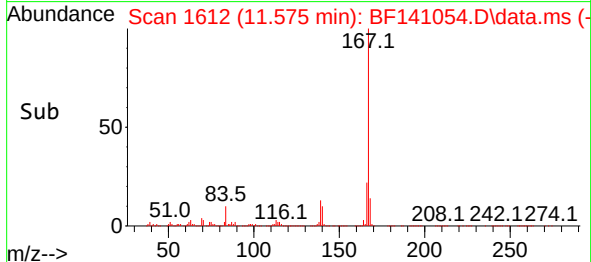
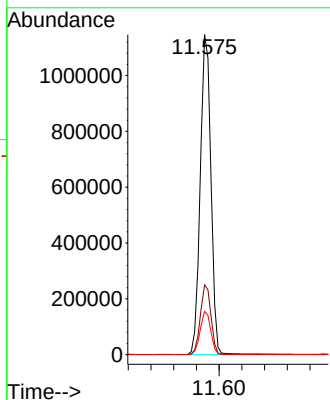
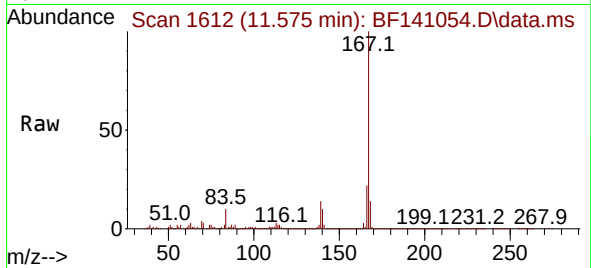




#73  
 Carbazole  
 Concen: 49.357 ng  
 RT: 11.575 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

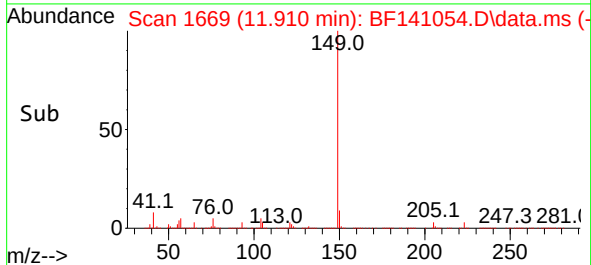
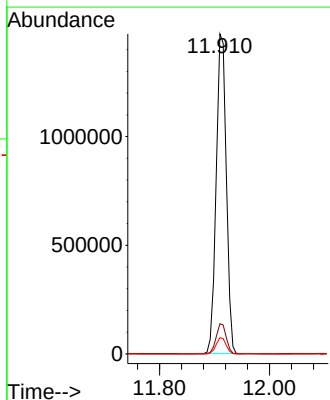
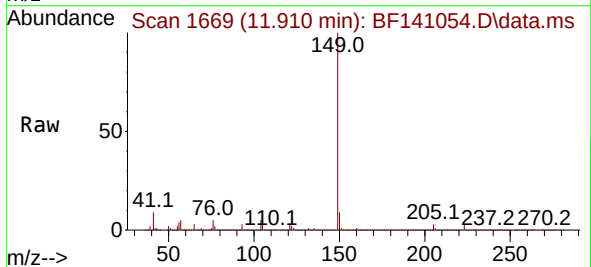
Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349MS

Tgt Ion:167 Resp: 1492558  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.5 26.3  
 139 13.5 11.0 16.4

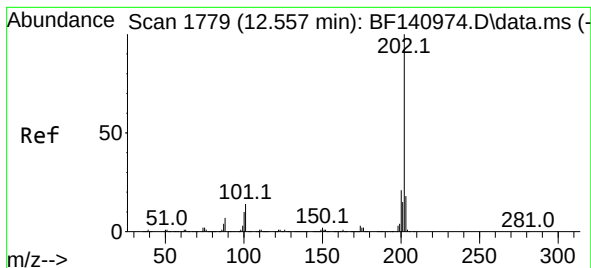


#74  
 Di-n-butylphthalate  
 Concen: 54.715 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 1881936  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.7 11.5  
 104 5.1 4.1 6.1







#75

Fluoranthene

Concen: 51.674 ng

RT: 12.557 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

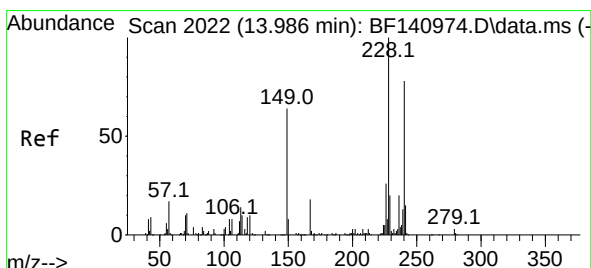
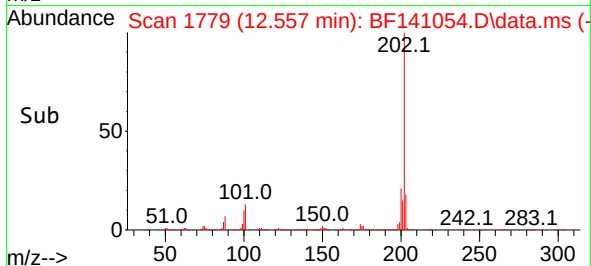
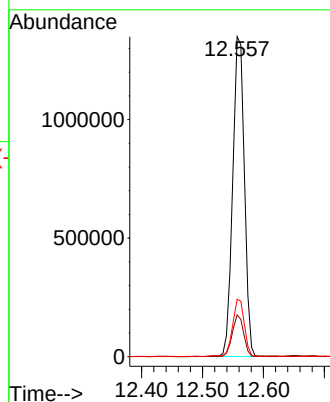
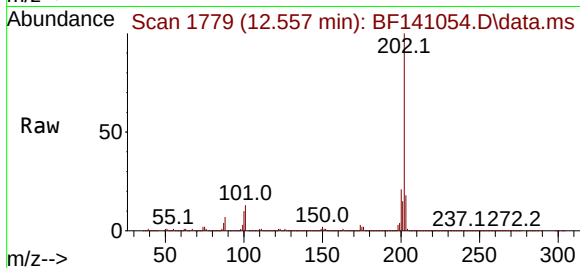
Tgt Ion:202 Resp: 1799157

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.7

203 17.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

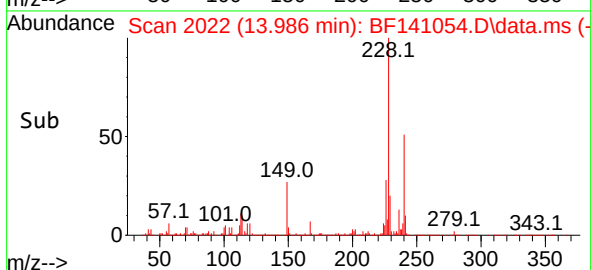
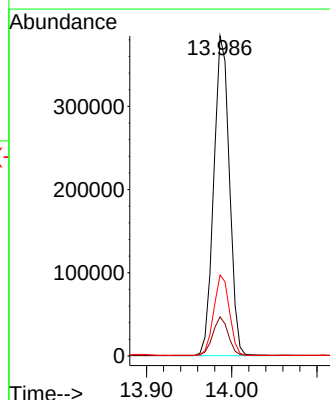
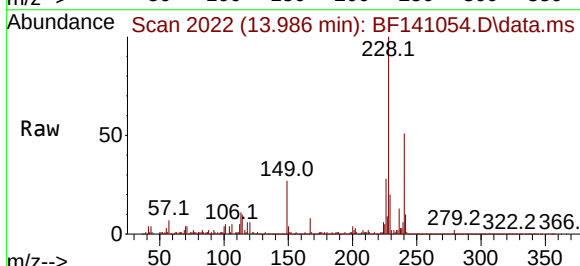
Tgt Ion:240 Resp: 489637

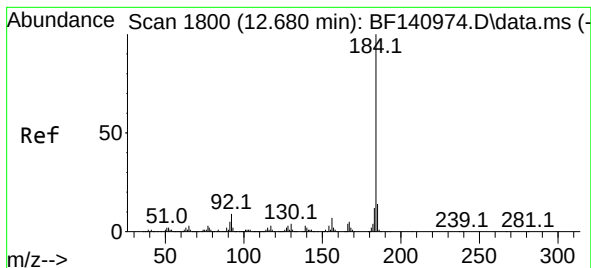
Ion Ratio Lower Upper

240 100

120 12.2 10.7 16.1

236 25.3 20.6 31.0





#77

Benzidine

Concen: 59.864 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

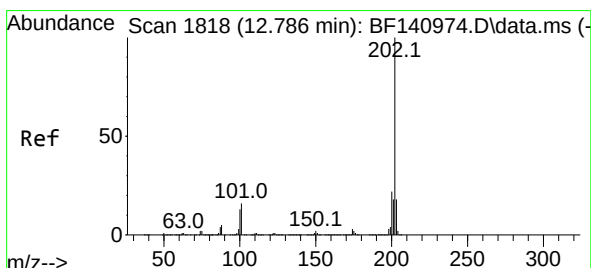
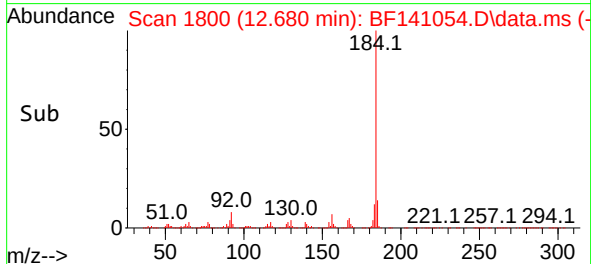
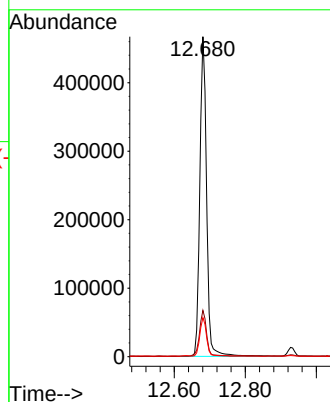
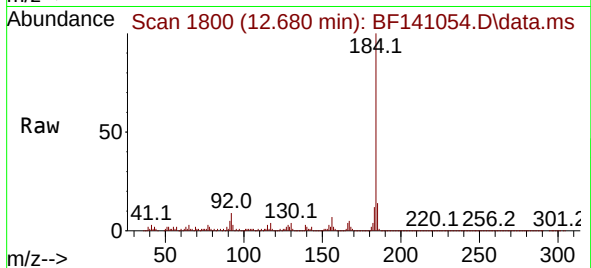
Tgt Ion:184 Resp: 619470

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 12.2 9.4 14.0



#78

Pyrene

Concen: 43.160 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

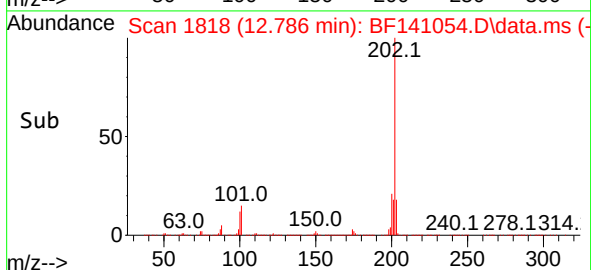
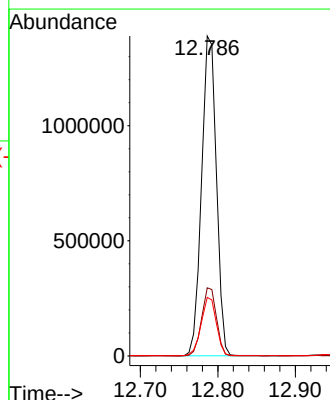
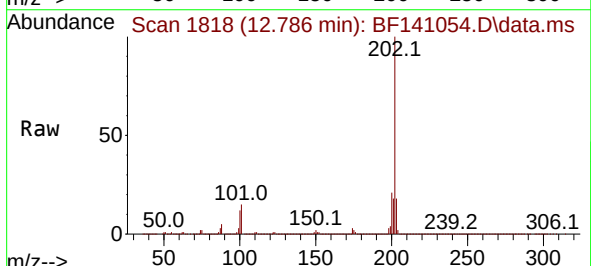
Tgt Ion:202 Resp: 1848227

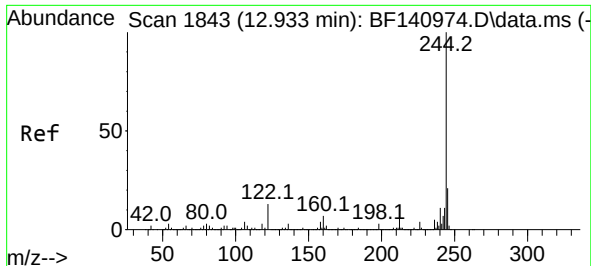
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 18.3 14.6 21.8

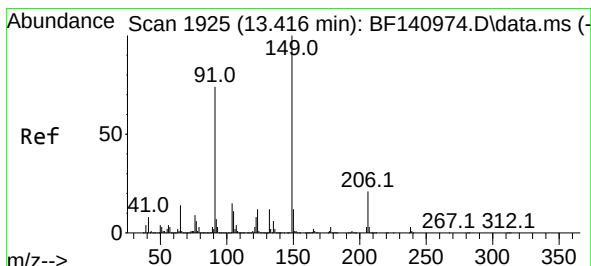
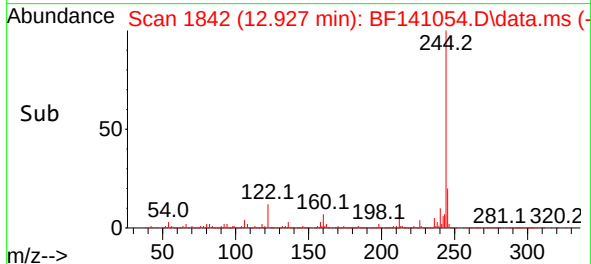
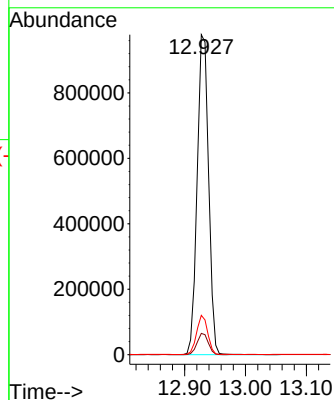
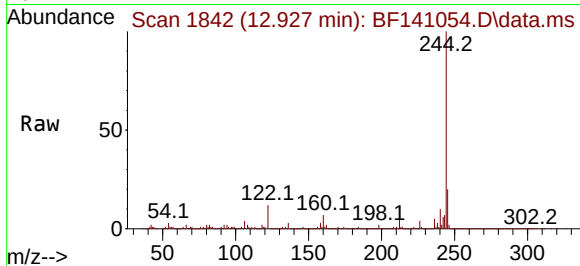




#79  
 Terphenyl-d14  
 Concen: 43.193 ng  
 RT: 12.927 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

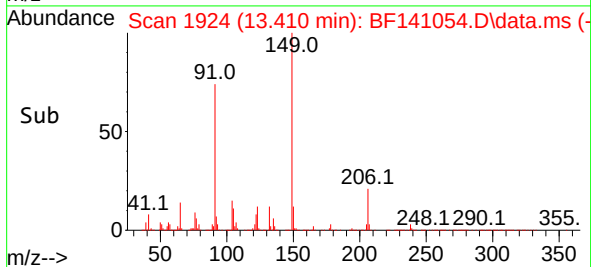
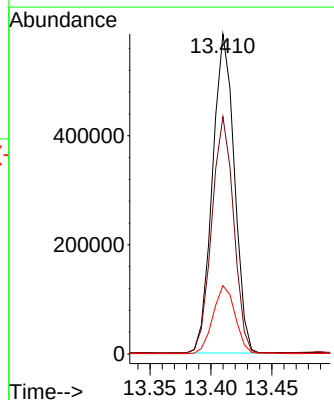
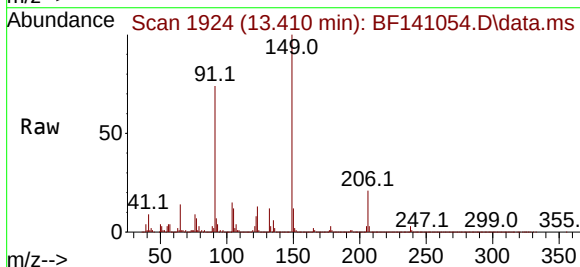
Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349MS

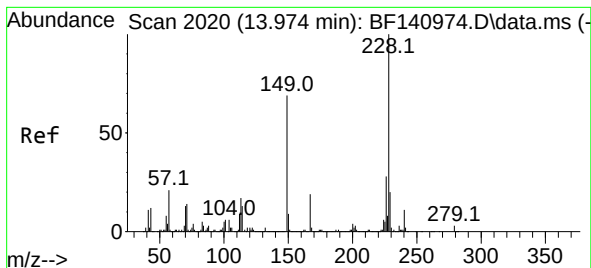
Tgt Ion:244 Resp: 1273263  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.7 8.5  
 122 12.3 10.2 15.2



#80  
 Butylbenzylphthalate  
 Concen: 46.749 ng  
 RT: 13.410 min Scan# 1924  
 Delta R.T. -0.006 min  
 Lab File: BF141054.D  
 Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 731002  
 Ion Ratio Lower Upper  
 149 100  
 91 74.2 59.5 89.3  
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 51.541 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

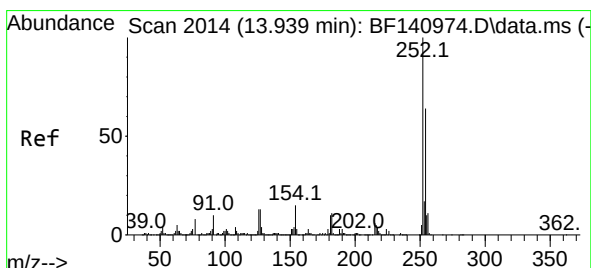
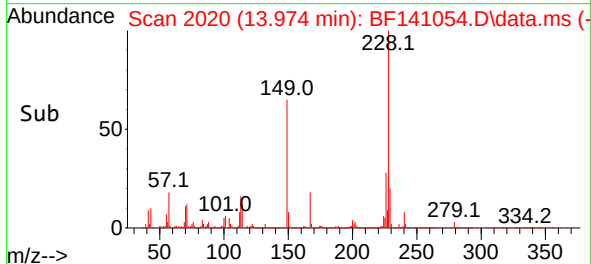
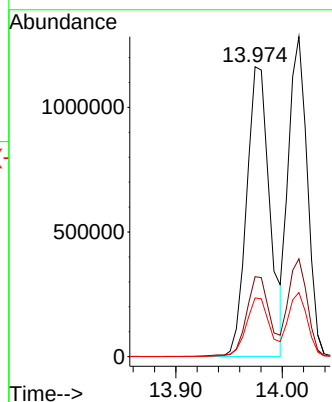
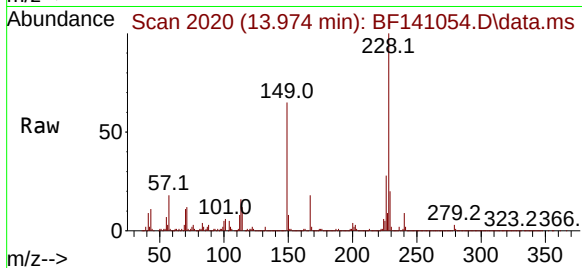
Tgt Ion:228 Resp: 1758837

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 45.037 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

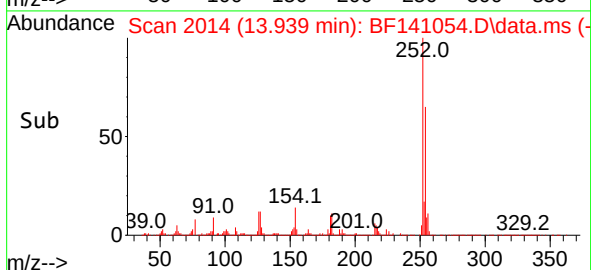
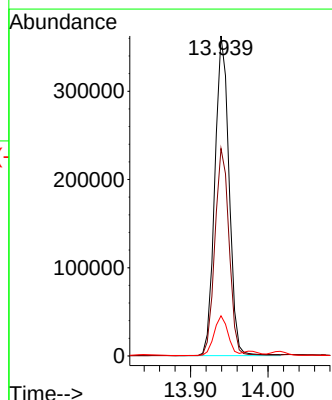
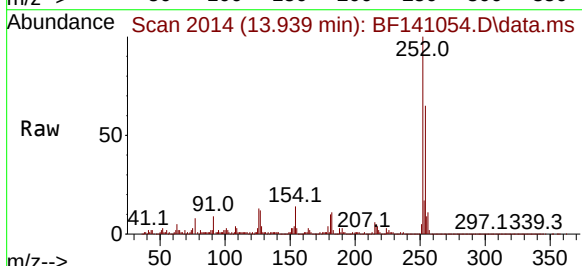
Tgt Ion:252 Resp: 461749

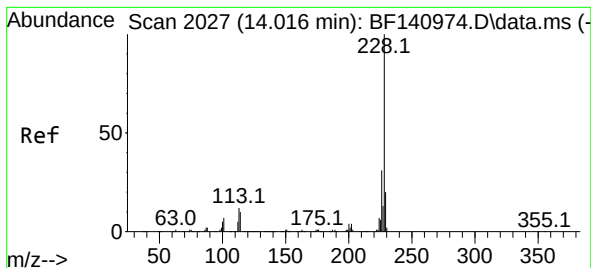
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.5 10.3 15.5





#83

Chrysene

Concen: 50.879 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

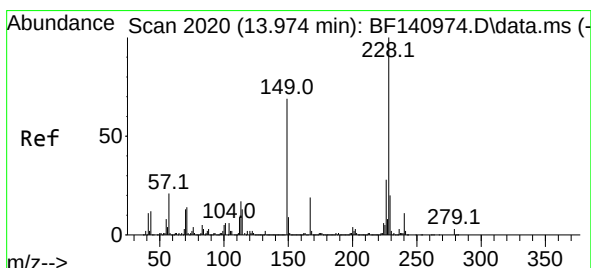
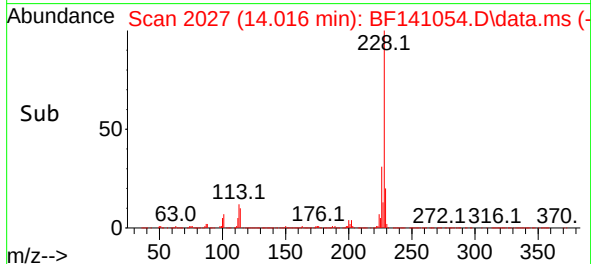
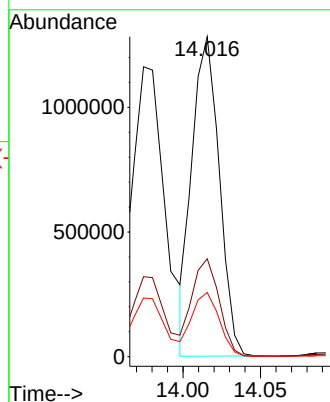
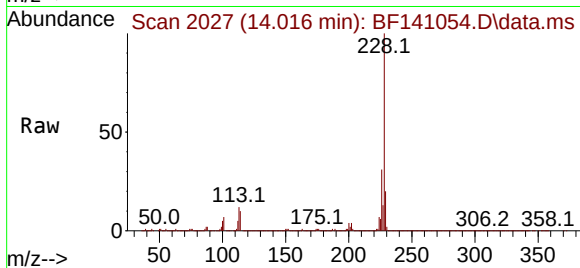
Tgt Ion:228 Resp: 1565163

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.132 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

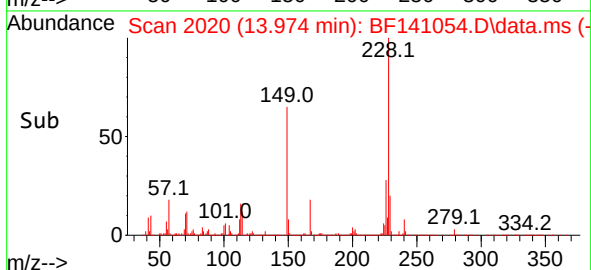
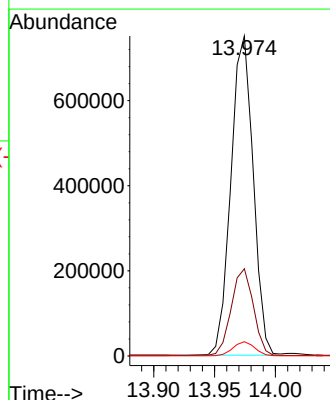
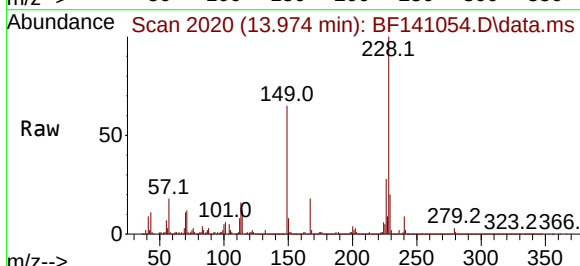
Tgt Ion:149 Resp: 955978

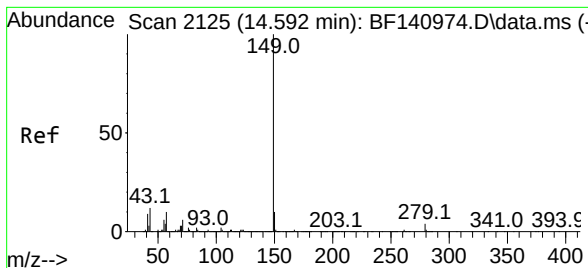
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.270 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

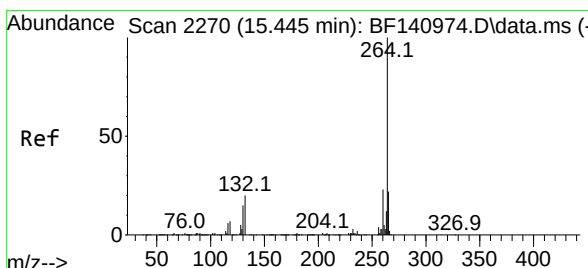
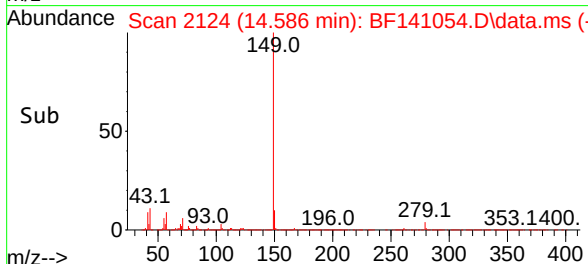
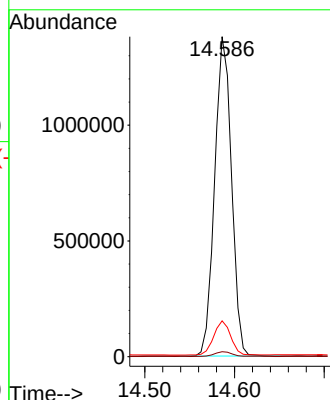
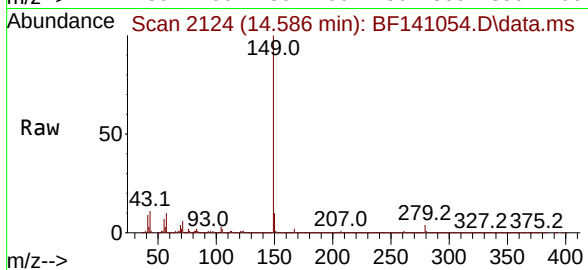
Tgt Ion:149 Resp: 1798691

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

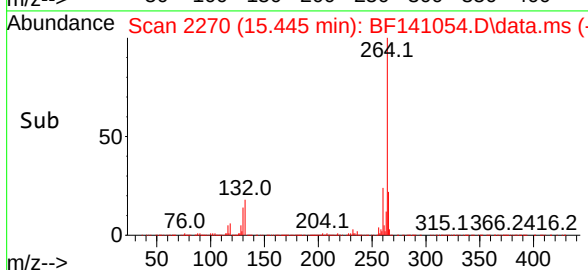
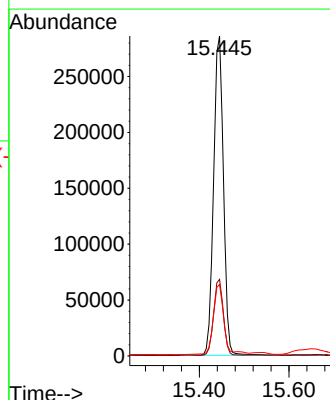
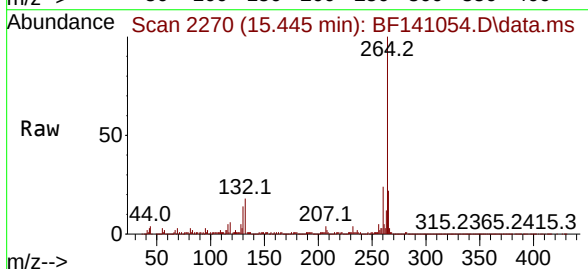
Tgt Ion:264 Resp: 436357

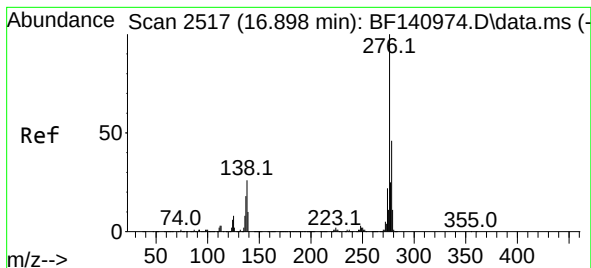
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.890 ng

RT: 16.898 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

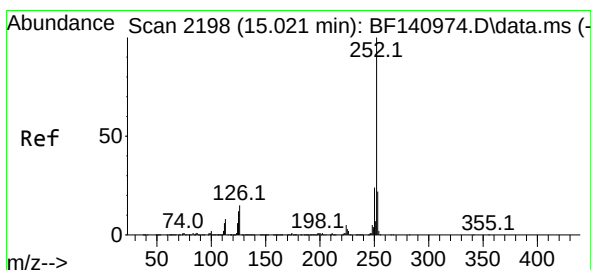
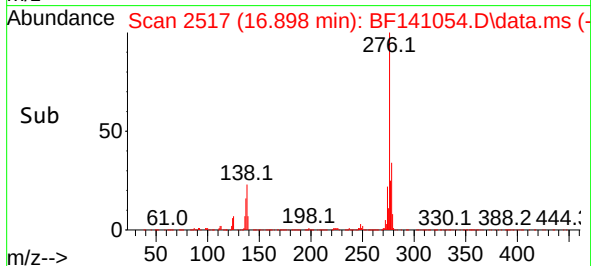
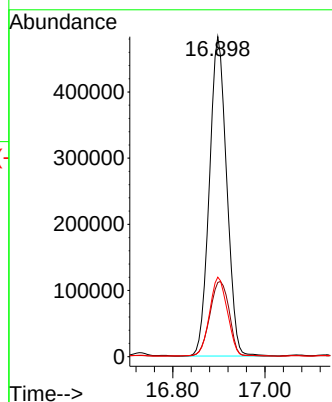
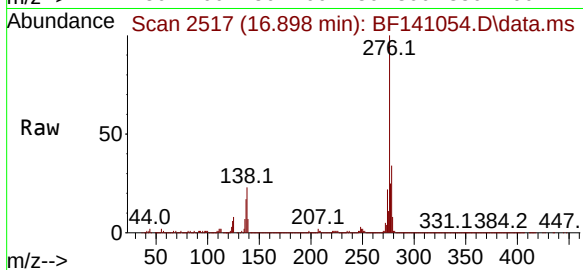
Tgt Ion:276 Resp: 1261588

Ion Ratio Lower Upper

276 100

138 26.3 23.1 34.7

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 59.254 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

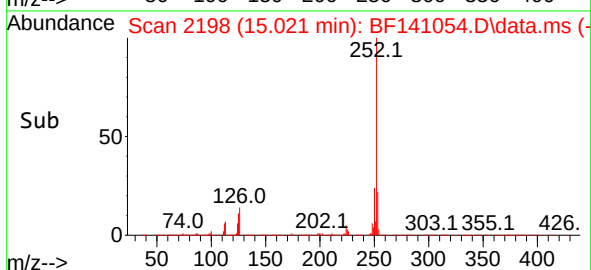
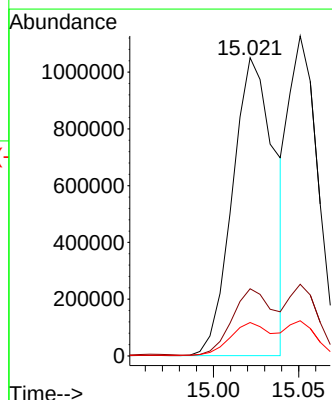
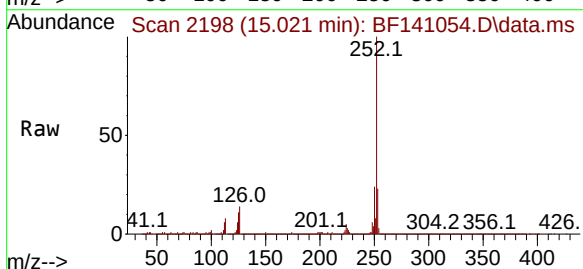
Tgt Ion:252 Resp: 1803285

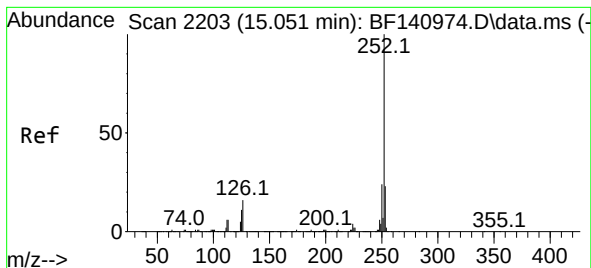
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.2 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 55.963 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

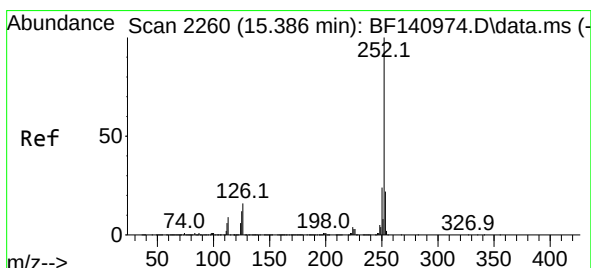
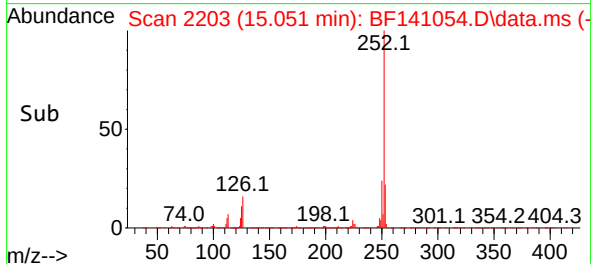
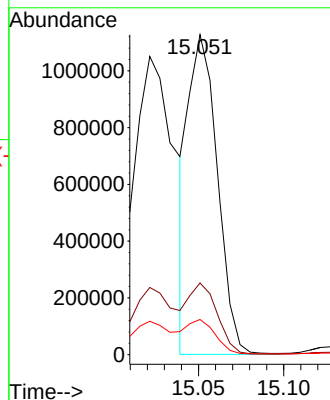
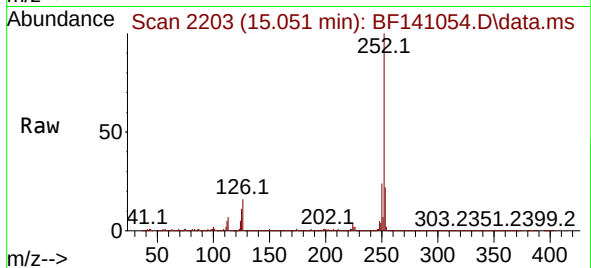
Tgt Ion:252 Resp: 1334863

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 59.625 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

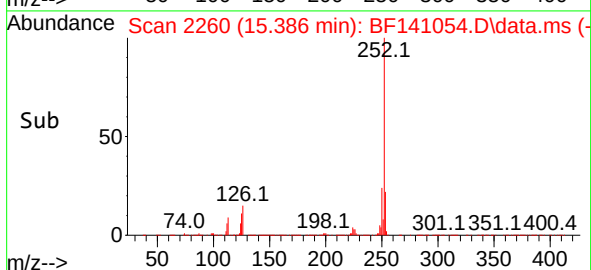
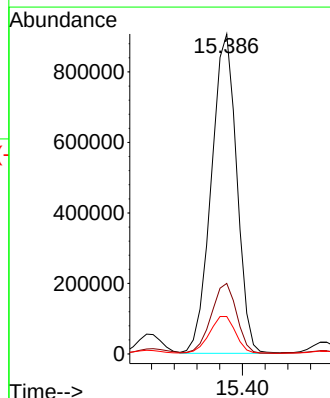
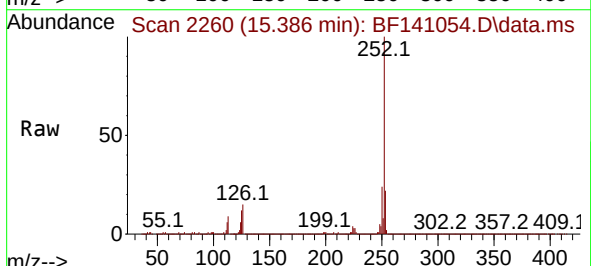
Tgt Ion:252 Resp: 1408440

Ion Ratio Lower Upper

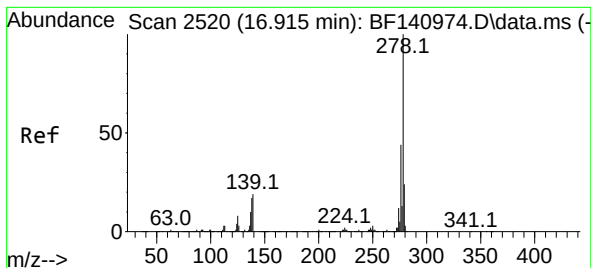
252 100

253 22.1 17.2 25.8

125 11.7 9.8 14.8







#91

Dibenzo(a,h)anthracene

Concen: 45.080 ng

RT: 16.915 min Scan# 2520

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA\_F

ClientSampleId :

341-349MS

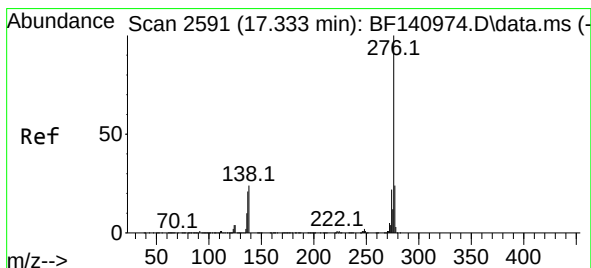
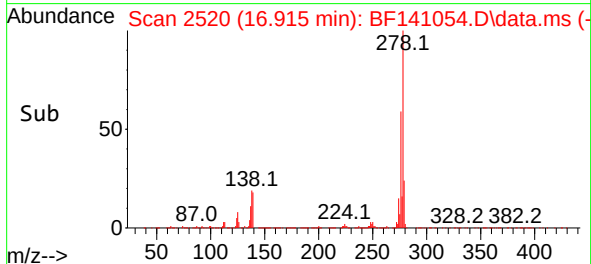
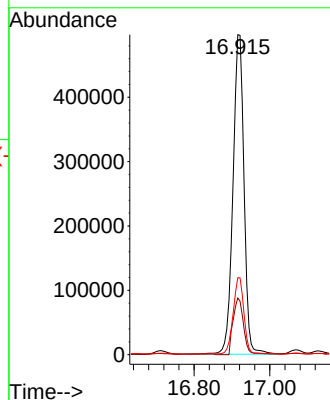
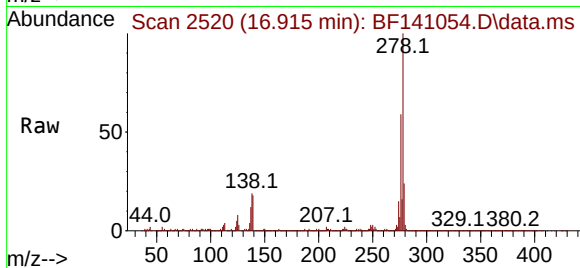
Tgt Ion:278 Resp: 1004607

Ion Ratio Lower Upper

278 100

139 17.7 14.9 22.3

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.546 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Tgt Ion:276 Resp: 914037

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.9 19.4 29.2

