

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE091724\  
 Data File : BE101350.D  
 Acq On : 17 Sep 2024 13:22  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC060

Quant Time: Sep 17 15:47:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE091724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 17 15:24:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.573  | 152  | 173205   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.346 | 136  | 893582   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.189 | 164  | 660401   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.927 | 188  | 1462145  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.086 | 240  | 1508475  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.378 | 264  | 1901105  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.322  | 112  | 1231553  | 124.321 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.956  | 99   | 1779183  | 126.693 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.789  | 82   | 1789055  | 126.931 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.699 | 330  | 1372830  | 123.593 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.814 | 172  | 4208095  | 110.113 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.518 | 244  | 5844686  | 85.912  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.207  | 88   | 226203   | 59.968  | ng    | 98       |
| 3) Pyridine                   | 3.642  | 79   | 540149   | 49.249  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.560  | 42   | 247584   | 63.096  | ng    | 93       |
| 6) Aniline                    | 7.020  | 93   | 731118   | 62.053  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.220  | 128  | 743025   | 62.420  | ng    | 99       |
| 9) Benzaldehyde               | 6.785  | 77   | 358117   | 55.486  | ng    | 99       |
| 10) Phenol                    | 6.985  | 94   | 1005964  | 65.170  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.044  | 93   | 817281   | 62.555  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.461  | 146  | 759938   | 59.401  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.608  | 146  | 767117   | 58.852  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.937  | 146  | 773997   | 59.925  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.914  | 79   | 570419   | 68.216  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.078  | 45   | 985730   | 59.870  | ng    | 99       |
| 17) 2-Methylphenol            | 8.160  | 107  | 662769   | 64.801  | ng    | 98       |
| 18) Hexachloroethane          | 8.630  | 117  | 265312   | 62.238  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.384  | 70   | 662578   | 66.851  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.501  | 107  | 937184   | 65.121  | ng    | 99       |
| 22) Acetophenone              | 8.431  | 105  | 1290523  | 62.280  | ng    | # 100    |
| 24) Nitrobenzene              | 8.830  | 77   | 939226   | 62.416  | ng    | 100      |
| 25) Isophorone                | 9.283  | 82   | 1835765  | 63.622  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.518  | 139  | 482353   | 67.919  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.635  | 122  | 578887   | 63.493  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.782  | 93   | 1078635  | 61.801  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.064 | 162  | 802940   | 64.311  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.187 | 180  | 816286   | 60.494  | ng    | 100      |
| 31) Naphthalene               | 10.393 | 128  | 2670742  | 59.235  | ng    | 98       |
| 32) Benzoic acid              | 9.929  | 122  | 605582   | 60.121  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.622 | 127  | 1092471  | 63.332  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.640 | 225  | 468704   | 59.787  | ng    | 99       |
| 35) Caprolactam               | 11.427 | 113  | 225740   | 44.510  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.797 | 107  | 939030   | 63.651  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.985 | 142  | 1985132  | 60.202  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.209 | 142  | 1982417  | 59.925  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.338 | 216  | 970300   | 60.992  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.320 | 237  | 339360   | 64.922  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.661 | 196  | 715821   | 63.535  | ng    | 99       |

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 Response via : Initial Calibration

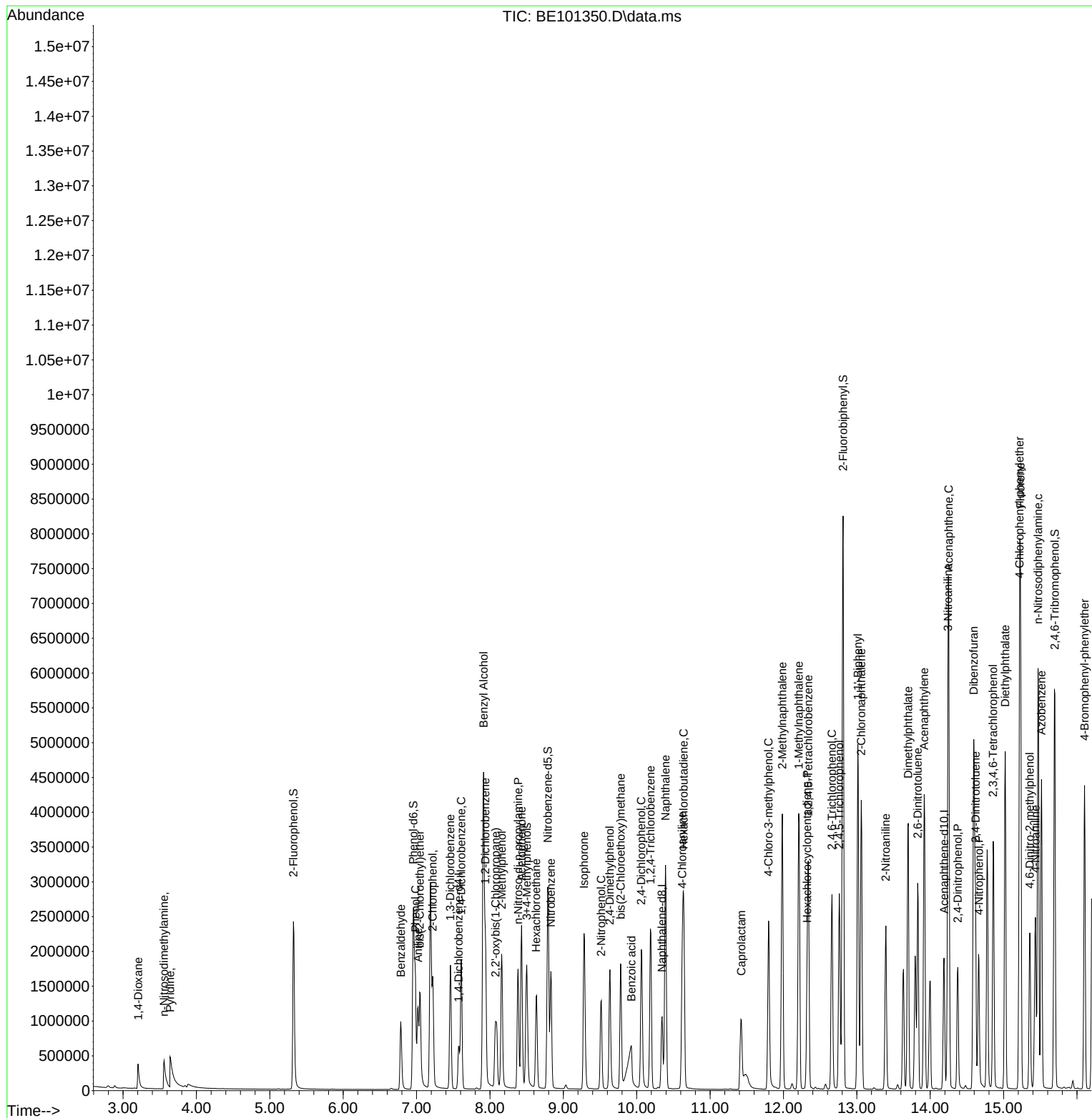
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.761 | 196  | 813234   | 63.974 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.013 | 154  | 2629618  | 58.760 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.060 | 162  | 2113797  | 60.045 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.395 | 65   | 639480   | 67.517 | ng    | 97       |
| 49) Acenaphthylene            | 13.918 | 152  | 3116696  | 59.334 | ng    | 98       |
| 50) Dimethylphthalate         | 13.701 | 163  | 2736963  | 57.435 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.830 | 165  | 670482   | 62.871 | ng    | 99       |
| 52) Acenaphthene              | 14.253 | 154  | 2029335  | 58.607 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.241 | 138  | 719694   | 65.605 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.377 | 184  | 428107   | 67.435 | ng    | 99       |
| 55) Dibenzofuran              | 14.594 | 168  | 3138562  | 57.384 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.664 | 139  | 612489   | 67.158 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.617 | 165  | 937666   | 64.586 | ng    | 98       |
| 58) Fluorene                  | 15.229 | 166  | 2651527  | 57.537 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.858 | 232  | 749322   | 62.332 | ng    | 100      |
| 60) Diethylphthalate          | 15.023 | 149  | 2823289  | 57.105 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.217 | 204  | 1330603  | 58.863 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.434 | 138  | 754832   | 66.024 | ng    | 100      |
| 63) Azobenzene                | 15.516 | 77   | 2462533  | 58.286 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.358 | 198  | 560419   | 67.499 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.469 | 169  | 2326823  | 59.702 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.104 | 248  | 937603   | 61.726 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.210 | 284  | 1208892  | 61.581 | ng    | 99       |
| 69) Atrazine                  | 16.404 | 200  | 718269   | 55.810 | ng    | 99       |
| 70) Pentachlorophenol         | 16.615 | 266  | 798623   | 68.089 | ng    | 99       |
| 71) Phenanthrene              | 16.968 | 178  | 3915804  | 56.389 | ng    | 94       |
| 72) Anthracene                | 17.056 | 178  | 3892210  | 57.597 | ng    | 95       |
| 73) Carbazole                 | 17.385 | 167  | 3961789  | 57.209 | ng    | 95       |
| 74) Di-n-butylphthalate       | 17.831 | 149  | 4203631  | 55.284 | ng    | # 96     |
| 75) Fluoranthene              | 18.971 | 202  | 4494407  | 53.762 | ng    | 93       |
| 77) Benzidine                 | 19.230 | 184  | 1697503  | 67.909 | ng    | 100      |
| 78) Pyrene                    | 19.341 | 202  | 4648561  | 55.408 | ng    | 92       |
| 80) Butylbenzylphthalate      | 20.193 | 149  | 2292655  | 61.732 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.069 | 228  | 4561804  | 53.850 | ng    | 92       |
| 82) 3,3'-Dichlorobenzidine    | 21.045 | 252  | 2074233  | 62.489 | ng    | 98       |
| 83) Chrysene                  | 21.122 | 228  | 4343814  | 53.378 | ng    | 91       |
| 84) Bis(2-ethylhexyl)phtha... | 20.892 | 149  | 2968456  | 60.440 | ng    | 94       |
| 85) Di-n-octyl phthalate      | 21.744 | 149  | 4529015  | 56.492 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.716 | 276  | 7371191  | 58.852 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.667 | 252  | 5523145  | 56.094 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 22.714 | 252  | 5172748  | 55.663 | ng    | 93       |
| 90) Benzo(a)pyrene            | 23.272 | 252  | 5070215  | 58.348 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 25.710 | 278  | 6151968  | 58.667 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 26.468 | 276  | 6410477  | 60.206 | ng    | 98       |

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

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 SSTDICC060

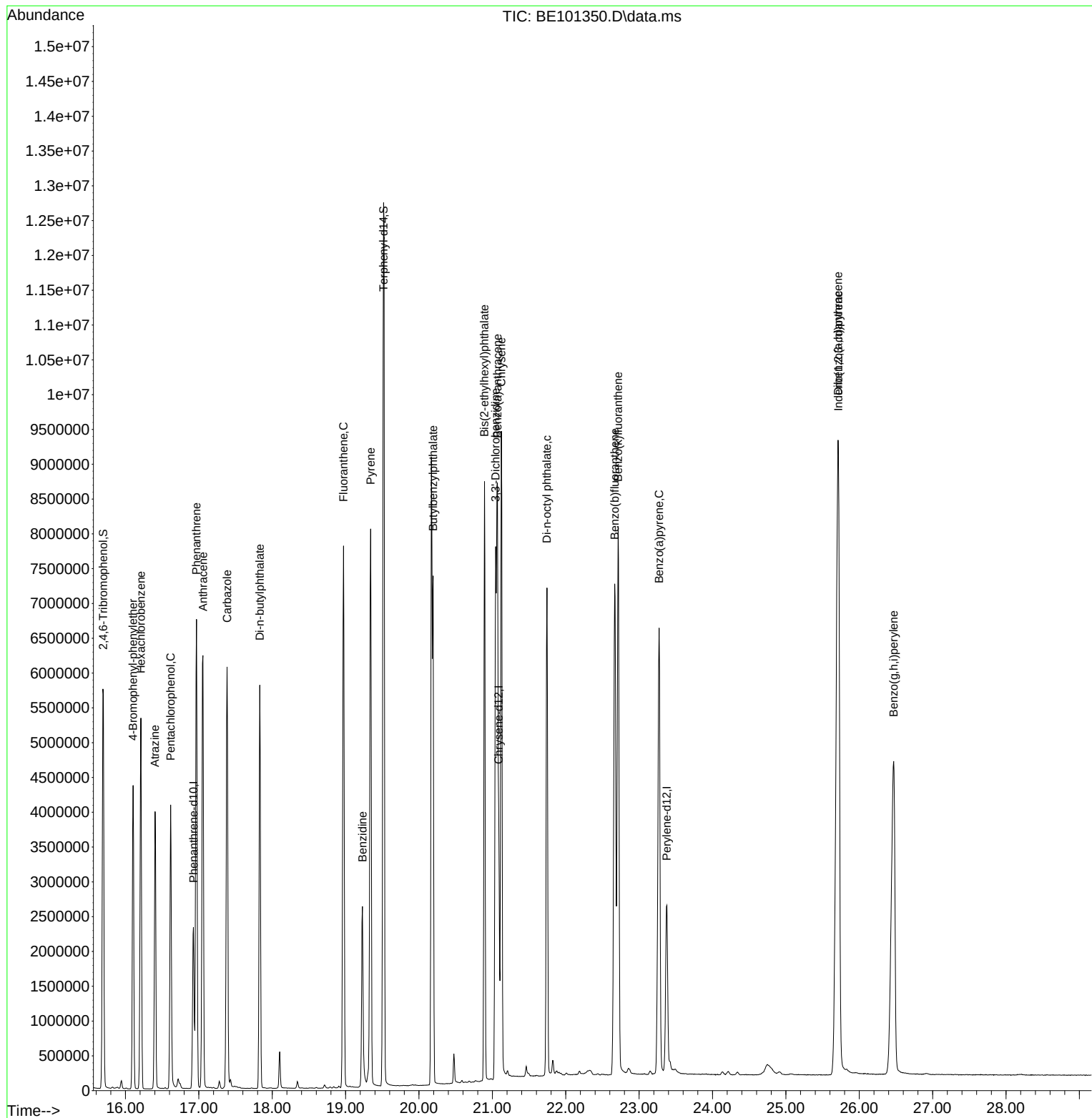
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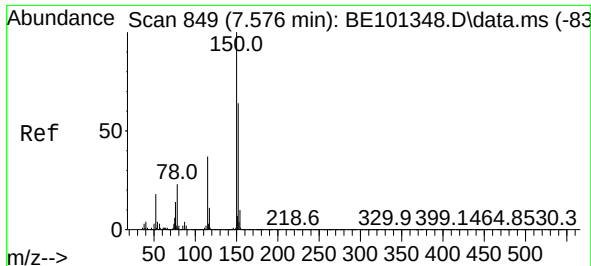


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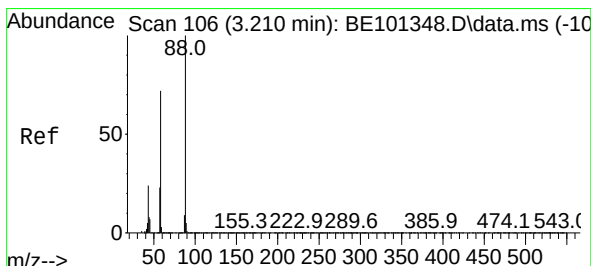
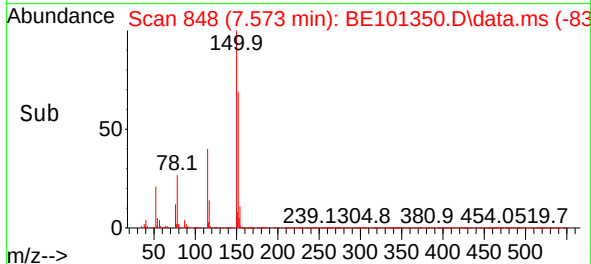
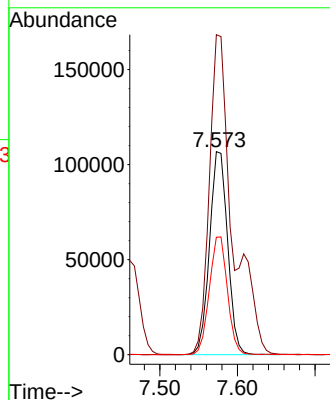
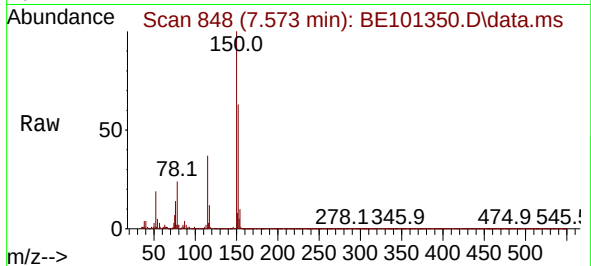




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.573 min Scan# 849  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

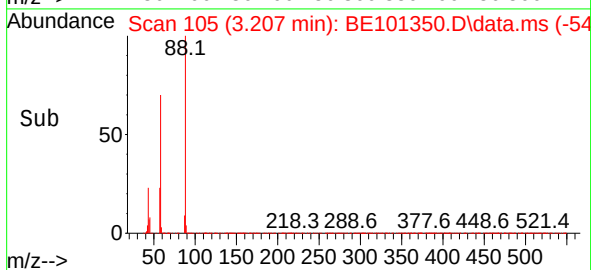
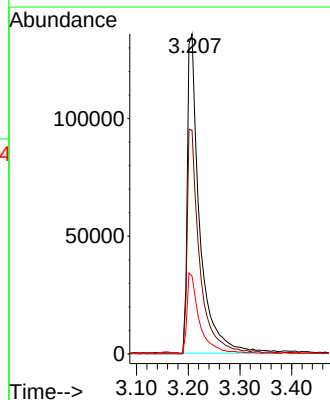
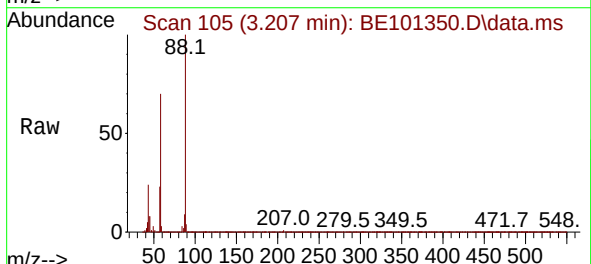
Instrument :  
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ClientSampleId :  
SSTDICC060

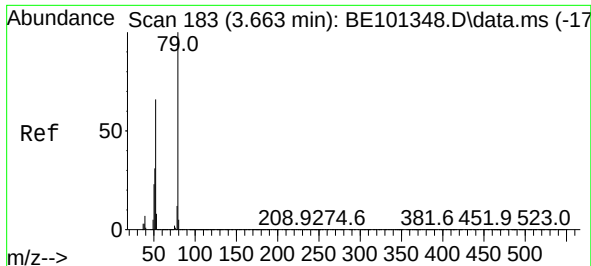
Tgt Ion:152 Resp: 173205  
Ion Ratio Lower Upper  
152 100  
150 157.6 125.9 188.9  
115 57.9 46.9 70.3



#2  
1,4-Dioxane  
Concen: 59.968 ng  
RT: 3.207 min Scan# 105  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 88 Resp: 226203  
Ion Ratio Lower Upper  
88 100  
58 71.5 58.8 88.2  
43 25.0 19.4 29.2

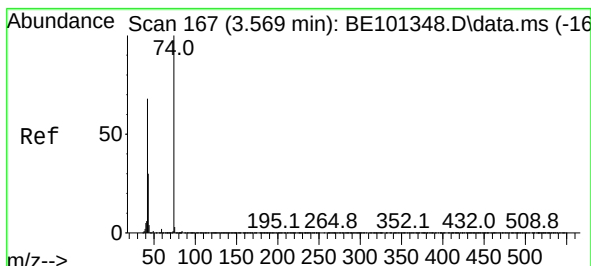
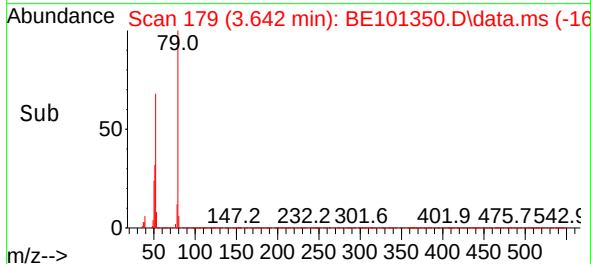
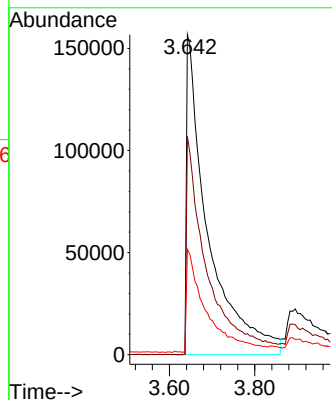
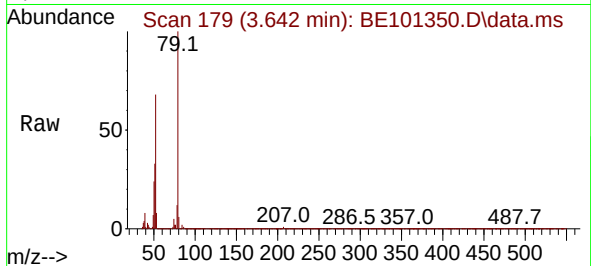




#3  
Pyridine  
Concen: 49.249 ng  
RT: 3.642 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

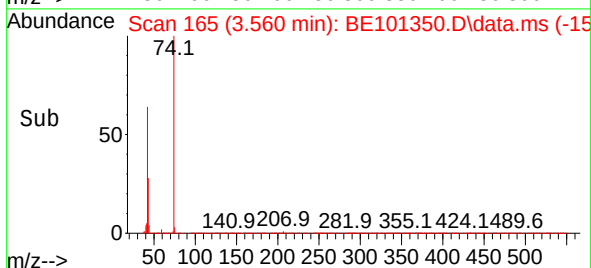
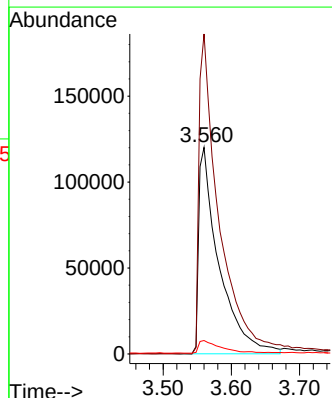
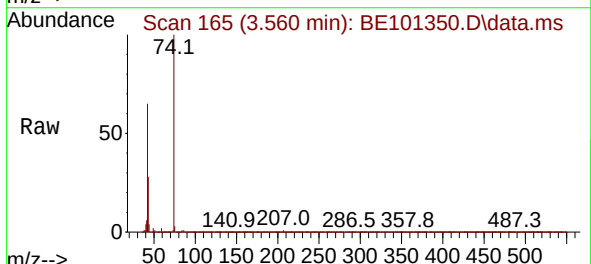
Instrument :  
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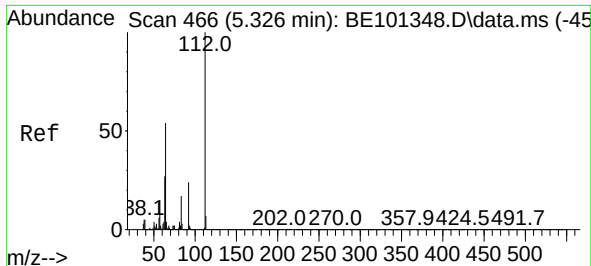
Tgt Ion: 79 Resp: 540149  
Ion Ratio Lower Upper  
79 100  
52 68.2 52.6 78.8  
51 32.9 26.2 39.2



#4  
n-Nitrosodimethylamine  
Concen: 63.096 ng  
RT: 3.560 min Scan# 165  
Delta R.T. -0.009 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 42 Resp: 247584  
Ion Ratio Lower Upper  
42 100  
74 154.9 117.0 175.4  
44 6.5 5.9 8.9

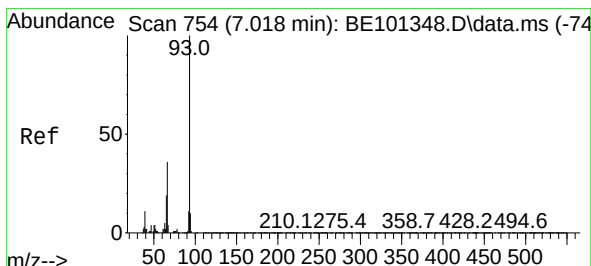
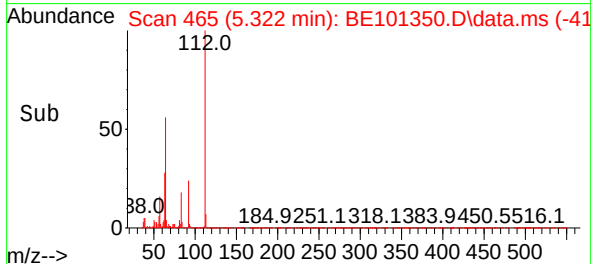
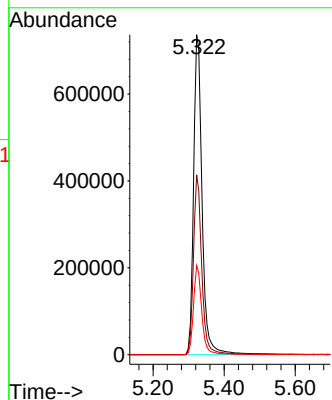
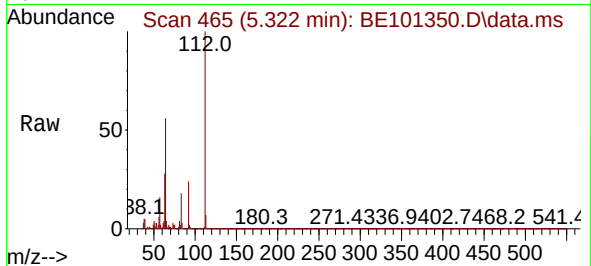




#5  
2-Fluorophenol  
Concen: 124.321 ng  
RT: 5.322 min Scan# 466  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

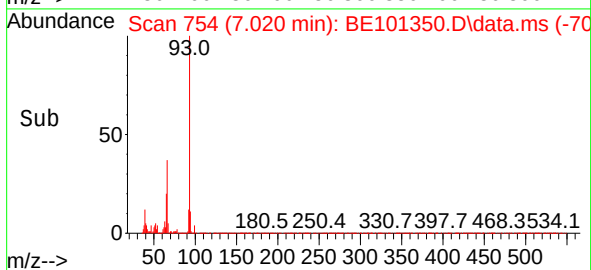
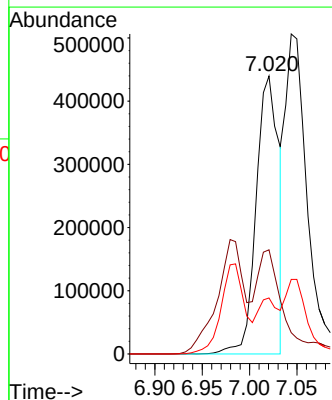
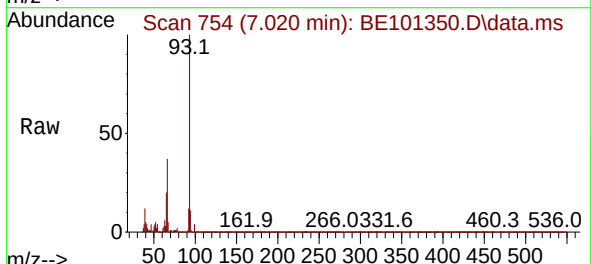
Instrument :  
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ClientSampleId :  
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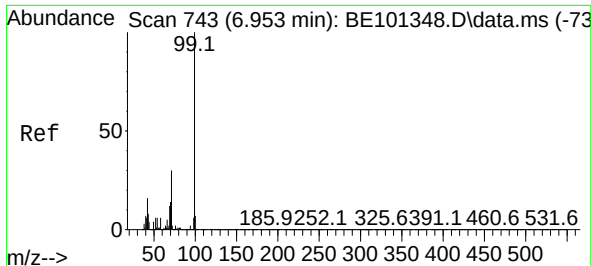
Tgt Ion:112 Resp: 1231553  
Ion Ratio Lower Upper  
112 100  
64 56.2 42.8 64.2  
63 27.8 21.3 31.9



#6  
Aniline  
Concen: 62.053 ng  
RT: 7.020 min Scan# 754  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 93 Resp: 731118  
Ion Ratio Lower Upper  
93 100  
66 37.5 30.0 45.0  
65 20.1 15.8 23.8

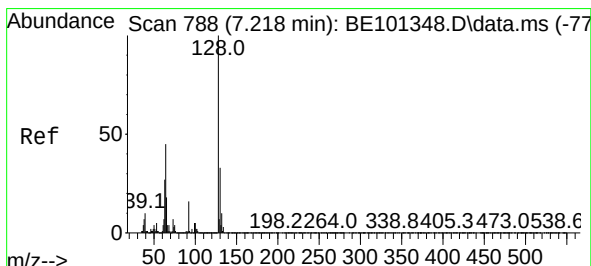
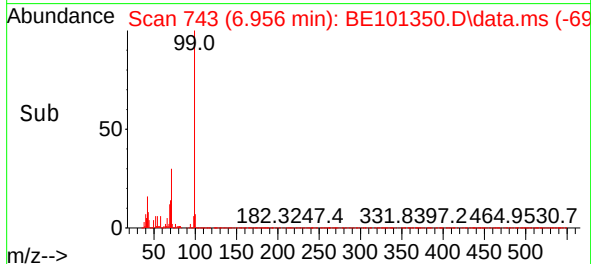
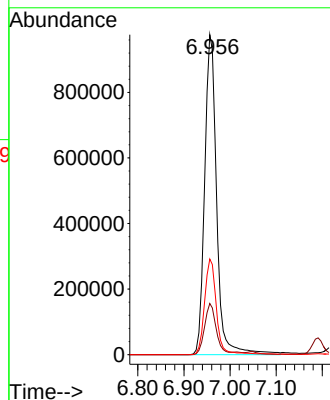
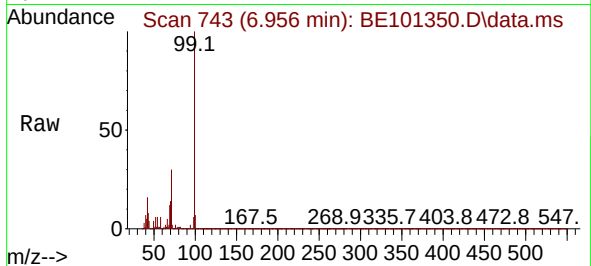




#7  
Phenol-d6  
Concen: 126.693 ng  
RT: 6.956 min Scan# 743  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
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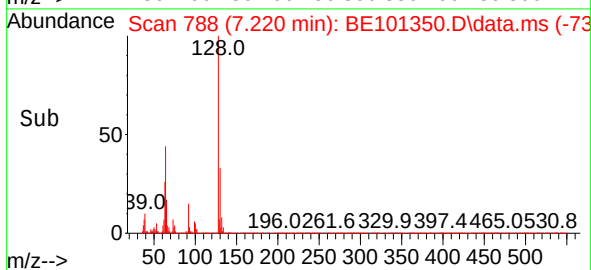
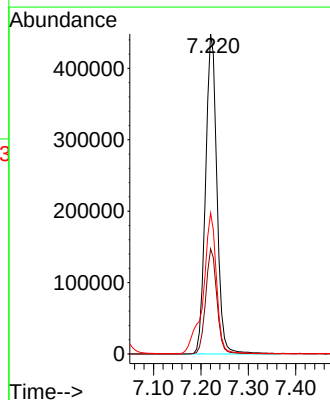
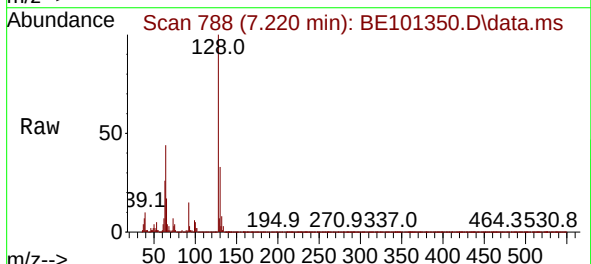
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

Tgt Ion: 99 Resp: 1779183  
Ion Ratio Lower Upper  
99 100  
42 16.0 12.8 19.2  
71 29.9 23.8 35.6

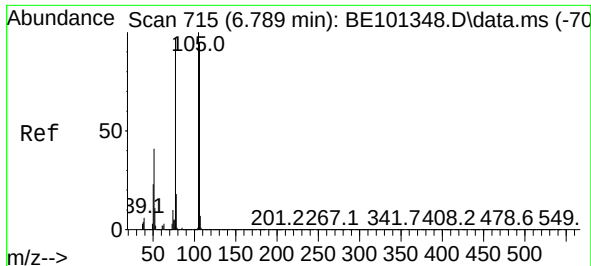


#8  
2-Chlorophenol  
Concen: 62.420 ng  
RT: 7.220 min Scan# 788  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:128 Resp: 743025  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.8 52.8  
64 44.1 24.9 64.9







#9

Benzaldehyde

Concen: 55.486 ng

RT: 6.785 min Scan# 715

Delta R.T. -0.003 min

Lab File: BE101350.D

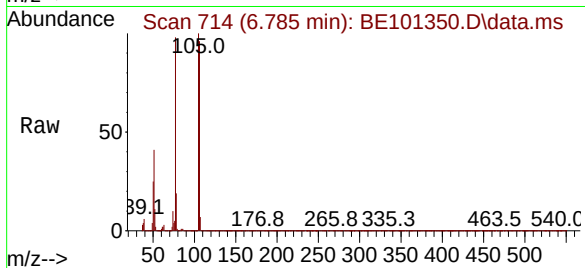
Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

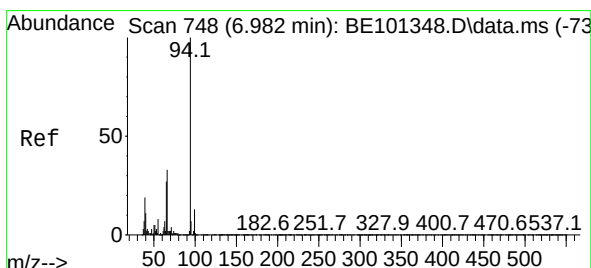
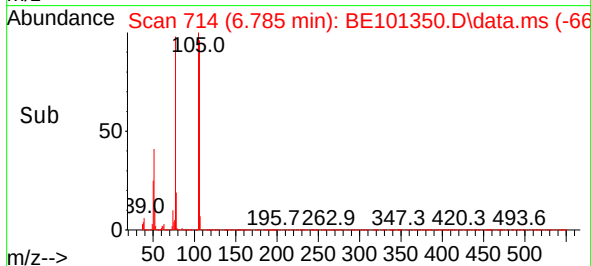
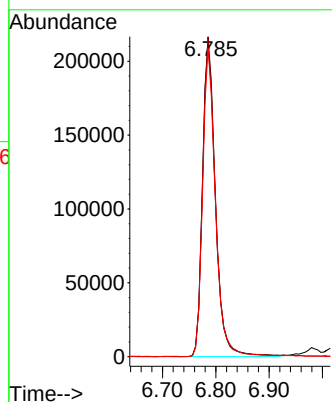
ClientSampleId :

SSTDICC060



Tgt Ion: 77 Resp: 358117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 102.3 | 82.8  | 122.8 |
| 106 | 98.5  | 77.9  | 117.9 |



#10

Phenol

Concen: 65.170 ng

RT: 6.985 min Scan# 748

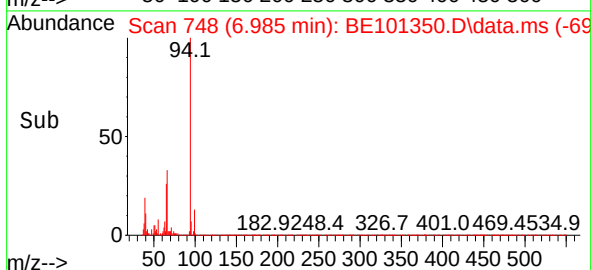
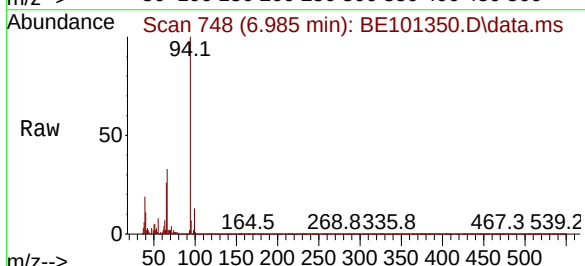
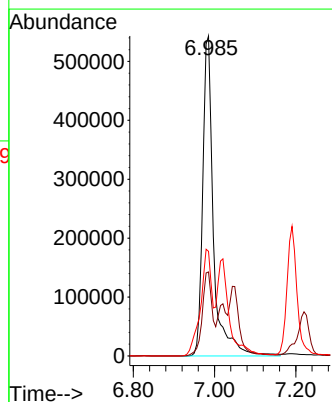
Delta R.T. 0.003 min

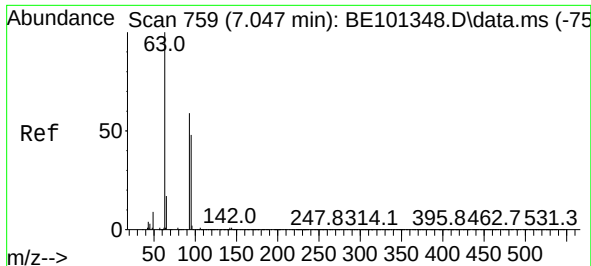
Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Tgt Ion: 94 Resp: 1005964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.2  | 7.1   | 47.1  |
| 66  | 32.7  | 13.1  | 53.1  |





#11

bis(2-Chloroethyl)ether

Concen: 62.555 ng

RT: 7.044 min Scan# 70

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

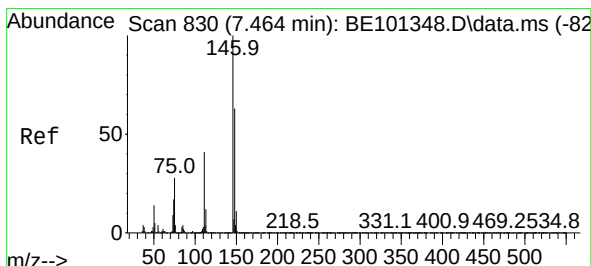
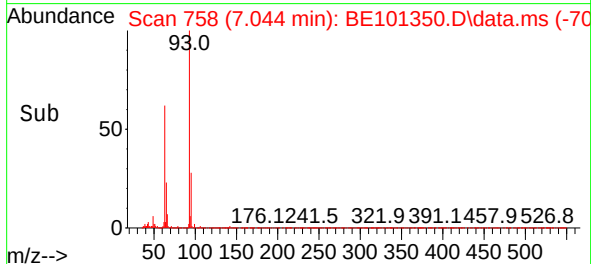
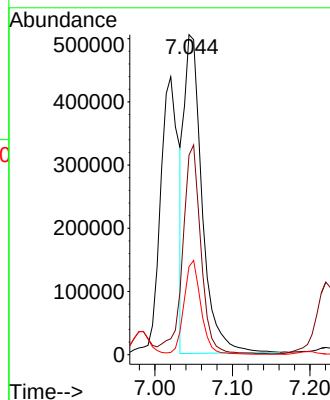
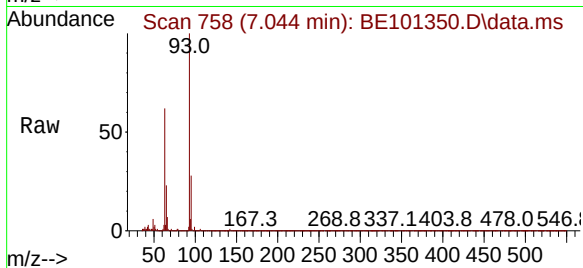
Tgt Ion: 93 Resp: 817281

Ion Ratio Lower Upper

93 100

63 62.3 43.7 83.7

95 27.5 8.7 48.7



#12

1,3-Dichlorobenzene

Concen: 59.401 ng

RT: 7.461 min Scan# 829

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

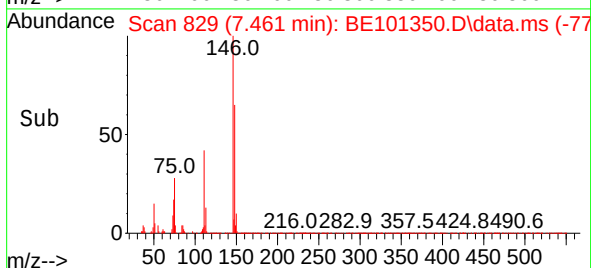
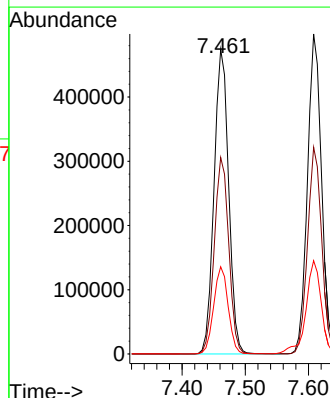
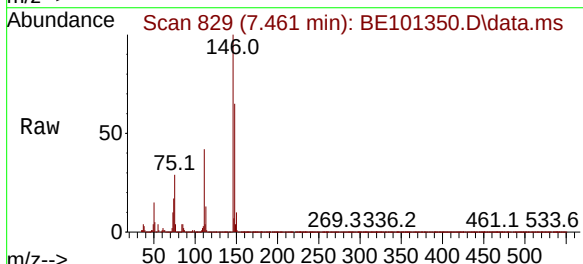
Tgt Ion:146 Resp: 759938

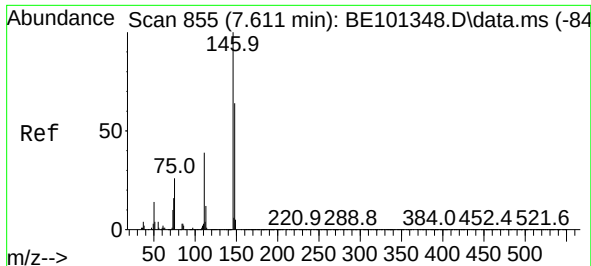
Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

75 28.6 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 58.852 ng

RT: 7.608 min Scan# 855

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

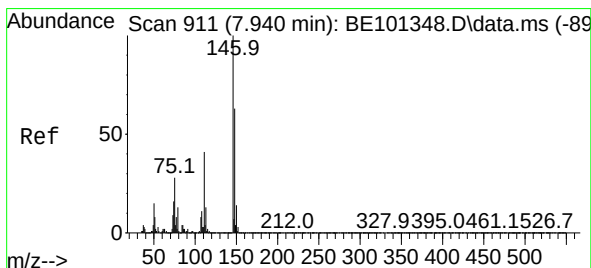
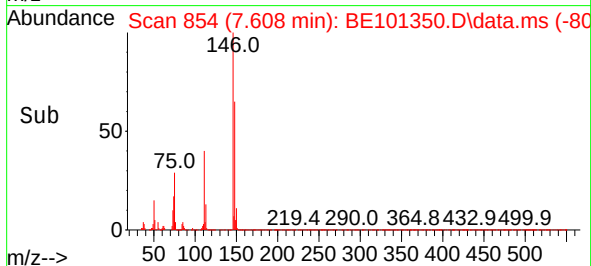
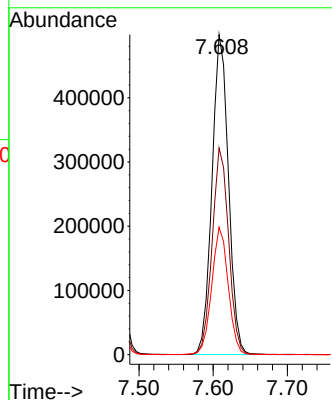
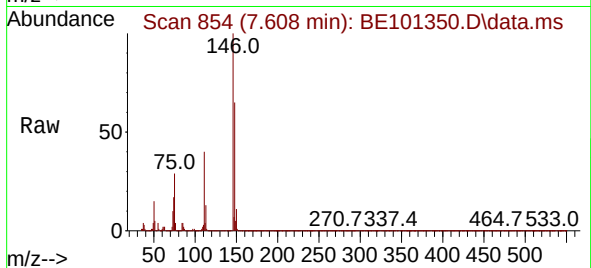
Tgt Ion:146 Resp: 767117

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 39.8 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 59.925 ng

RT: 7.937 min Scan# 910

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

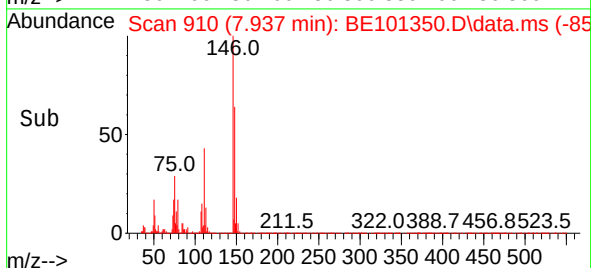
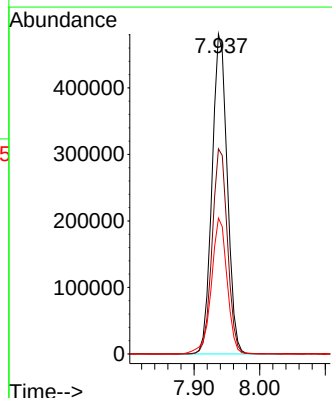
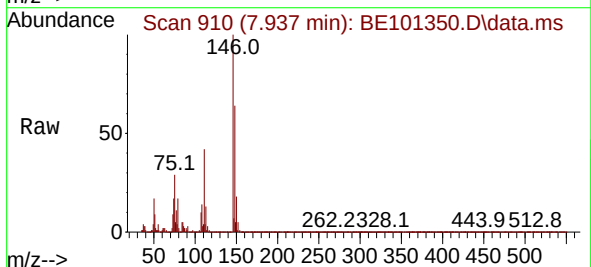
Tgt Ion:146 Resp: 773997

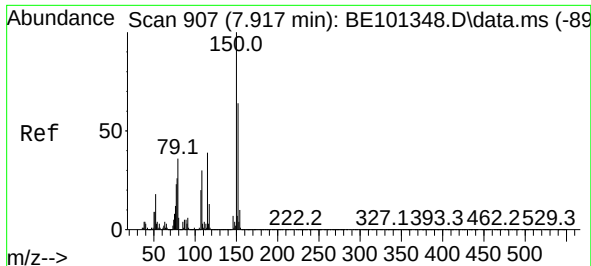
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 42.5 32.6 48.8

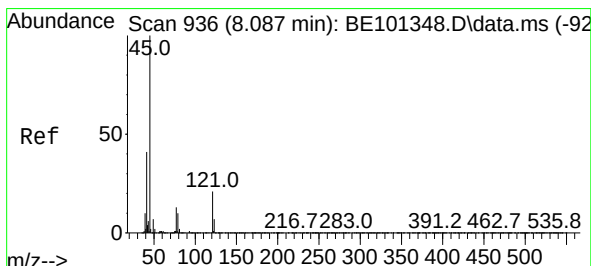
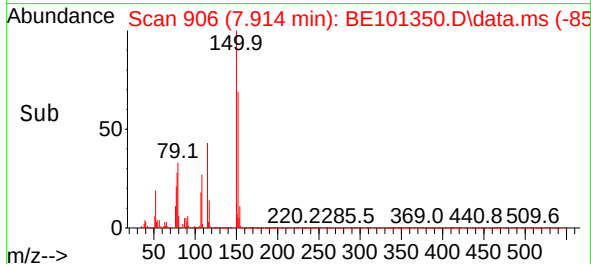
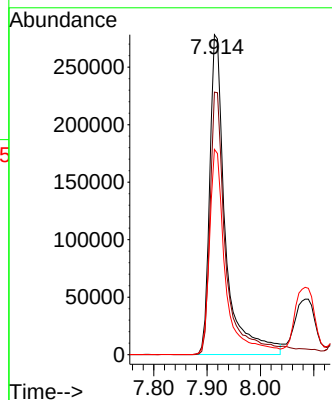
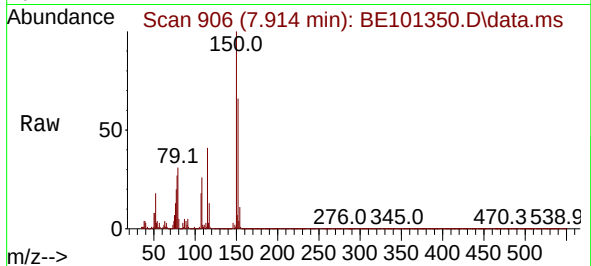




#15  
Benzyl Alcohol  
Concen: 68.216 ng  
RT: 7.914 min Scan# 906  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

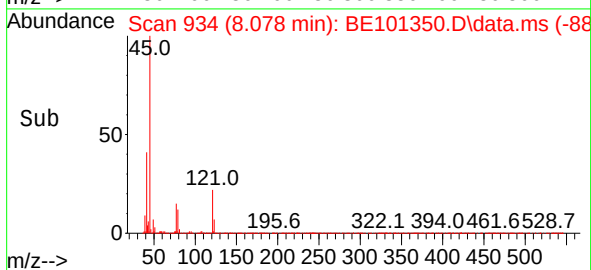
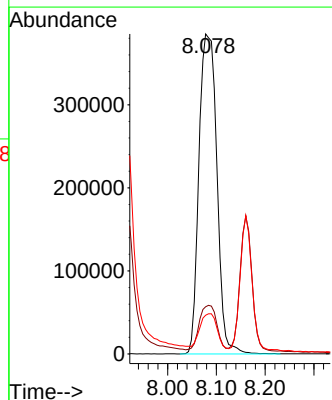
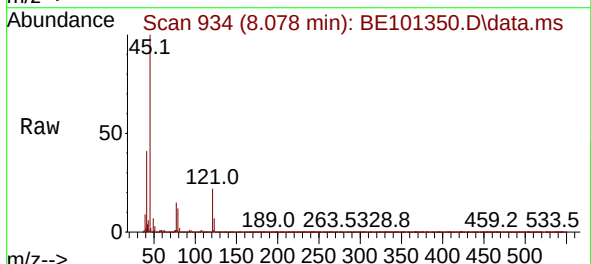
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

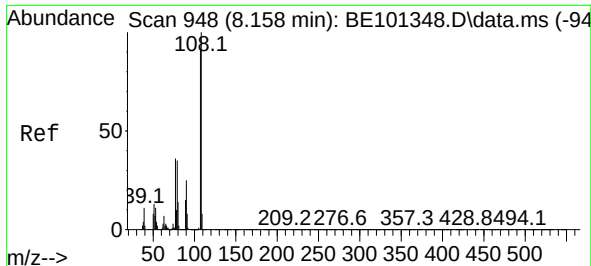
Tgt Ion: 79 Resp: 570419  
Ion Ratio Lower Upper  
79 100  
108 82.1 66.0 99.0  
77 64.1 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 59.870 ng  
RT: 8.078 min Scan# 934  
Delta R.T. -0.009 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 45 Resp: 985730  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 34.3  
79 12.1 0.0 31.6

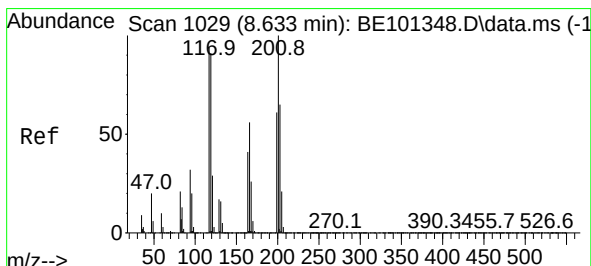
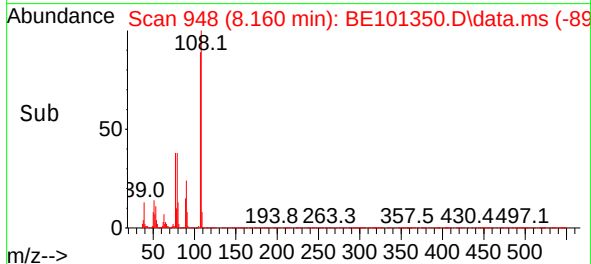
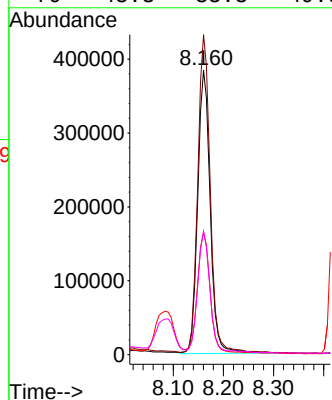
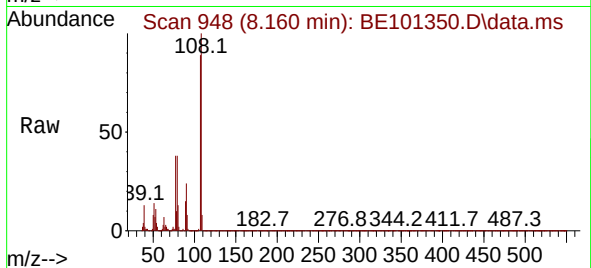




#17  
2-Methylphenol  
Concen: 64.801 ng  
RT: 8.160 min Scan# 948  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

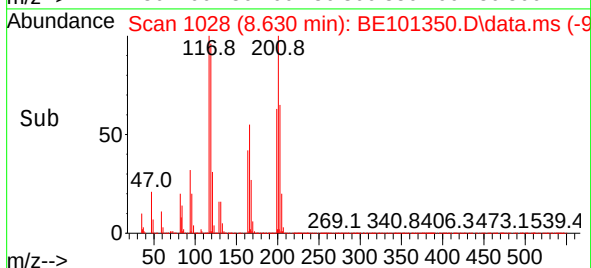
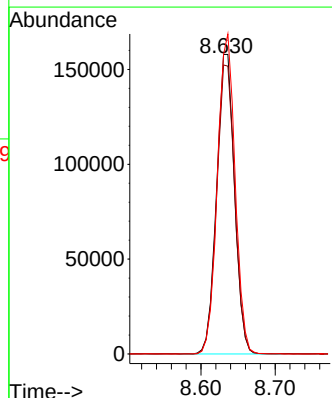
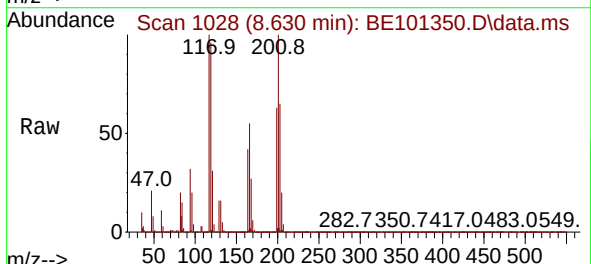
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

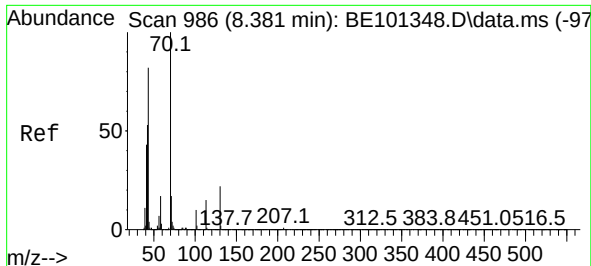
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 662769 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 88.2  | 132.2  |
| 77       | 43.1  | 34.9  | 52.3   |
| 79       | 43.3  | 33.3  | 49.9   |



#18  
Hexachloroethane  
Concen: 62.238 ng  
RT: 8.630 min Scan# 1028  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 265312 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 77.4  | 116.2  |
| 201      | 100.0 | 84.8  | 127.2  |



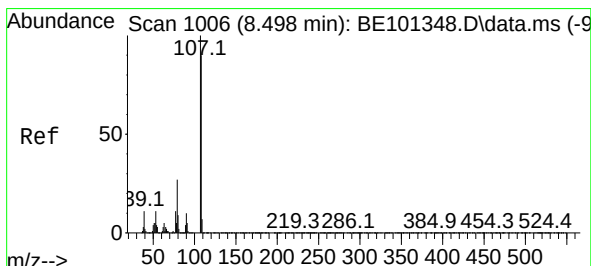
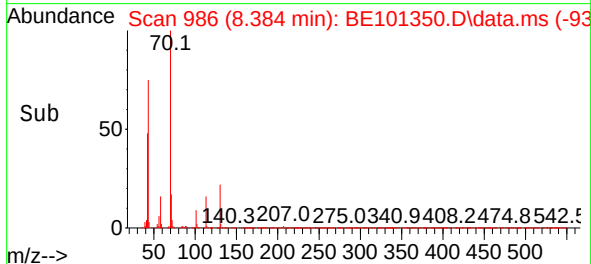
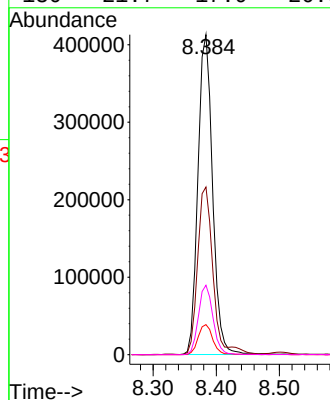
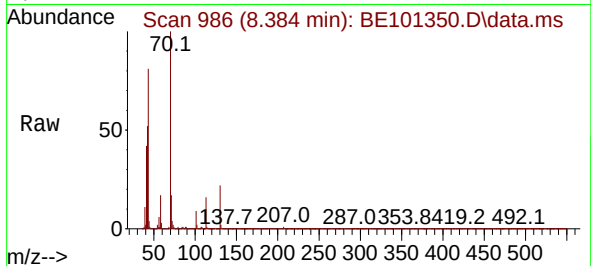


#19  
n-Nitroso-di-n-propylamine  
Concen: 66.851 ng  
RT: 8.384 min Scan# 986  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

Tgt Ion: 70 Resp: 662578

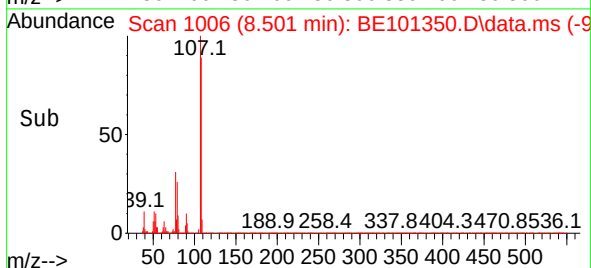
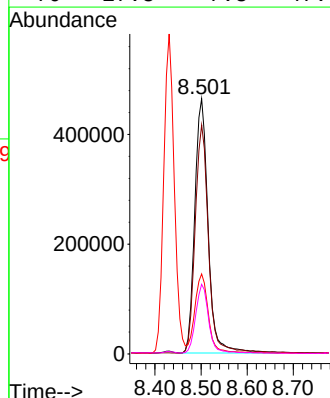
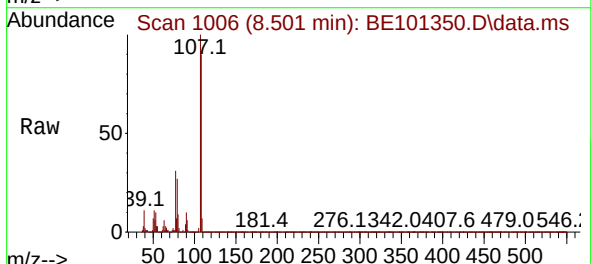
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 52.4  | 42.5  | 63.7  |
| 101 | 9.4   | 7.8   | 11.6  |
| 130 | 21.7  | 17.9  | 26.9  |

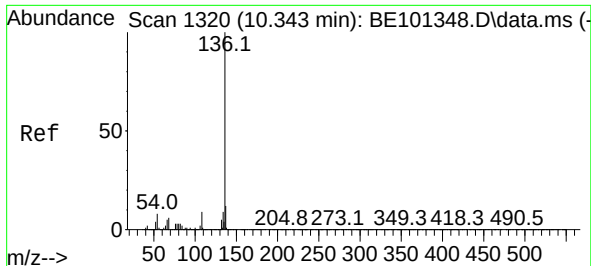


#20  
3+4-Methylphenols  
Concen: 65.121 ng  
RT: 8.501 min Scan# 1006  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 107 Resp: 937184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.7  | 70.4  | 110.4 |
| 77  | 31.3  | 12.5  | 52.5  |
| 79  | 27.3  | 7.3   | 47.3  |

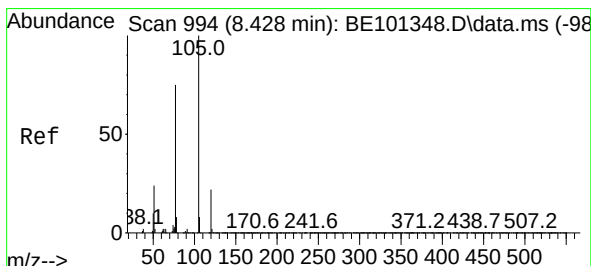
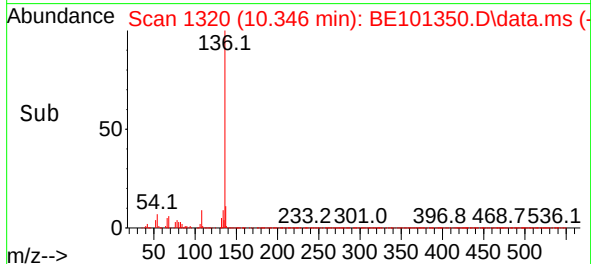
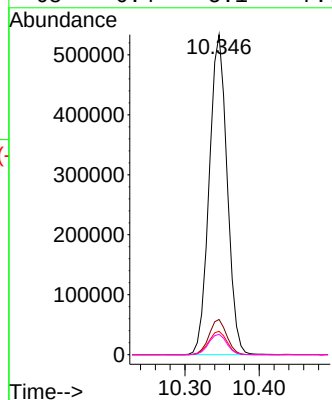
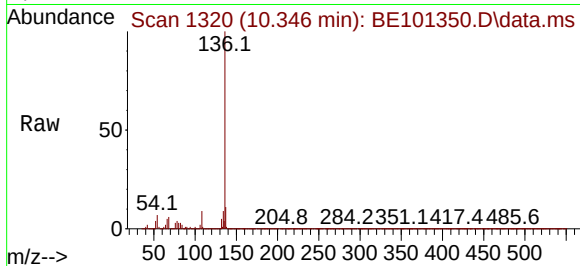




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.346 min Scan# 1320  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

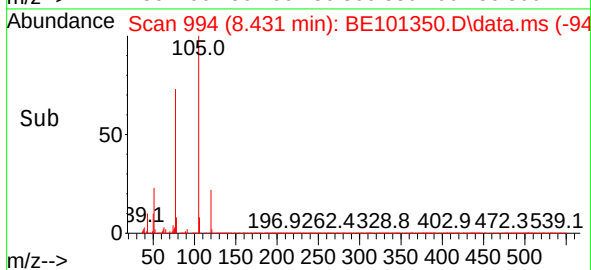
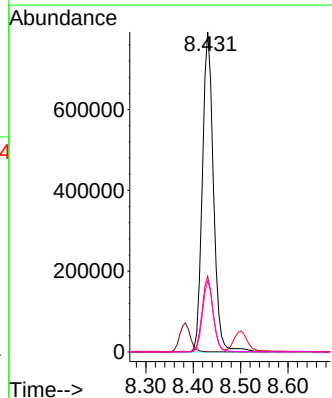
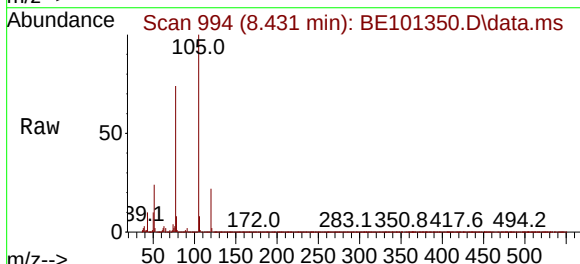
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

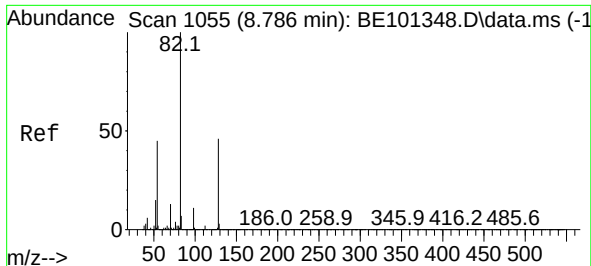
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 893582 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.3   | 13.9   |
| 54       | 7.3   | 6.1   | 9.1    |
| 68       | 6.4   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 62.280 ng  
RT: 8.431 min Scan# 994  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1290523 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 0.1   | 0.1   | 0.1#    |
| 51       | 23.6  | 19.0  | 28.4    |
| 120      | 22.1  | 17.7  | 26.5    |





#23

Nitrobenzene-d5

Concen: 126.931 ng

RT: 8.789 min Scan# 1055

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

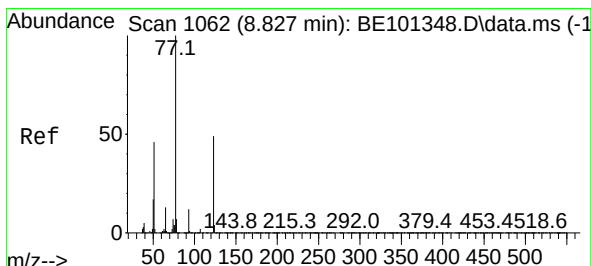
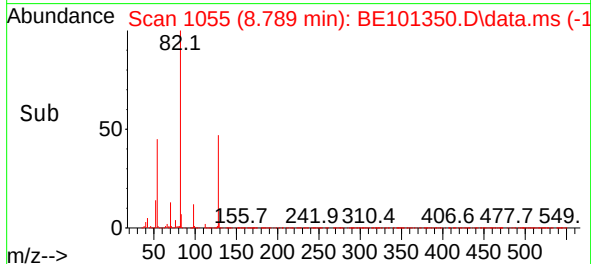
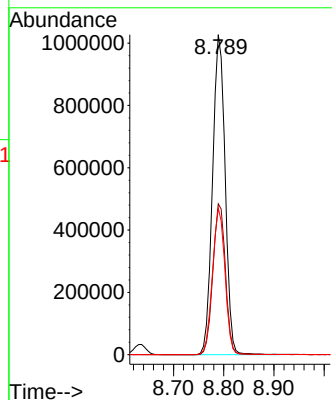
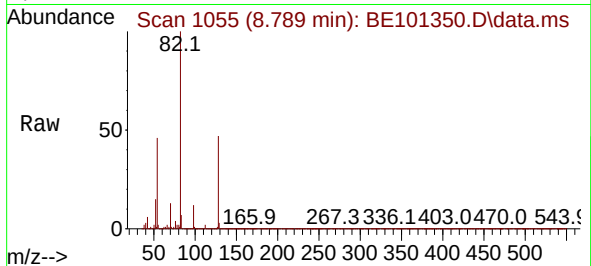
Tgt Ion: 82 Resp: 1789055

Ion Ratio Lower Upper

82 100

128 47.2 36.8 55.2

54 45.7 36.2 54.4



#24

Nitrobenzene

Concen: 62.416 ng

RT: 8.830 min Scan# 1062

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

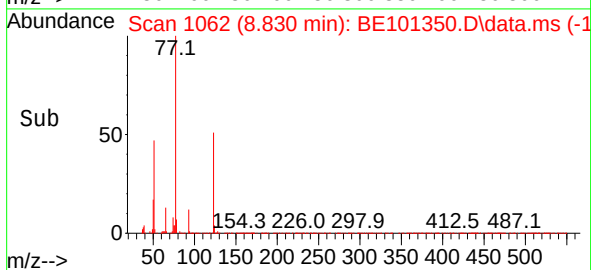
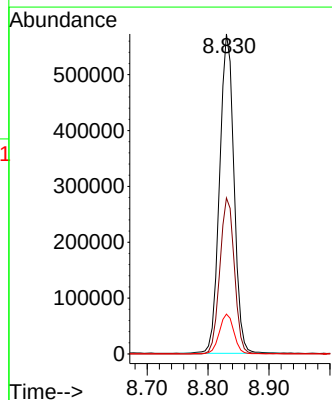
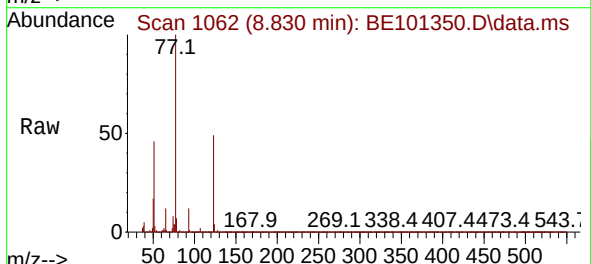
Tgt Ion: 77 Resp: 939226

Ion Ratio Lower Upper

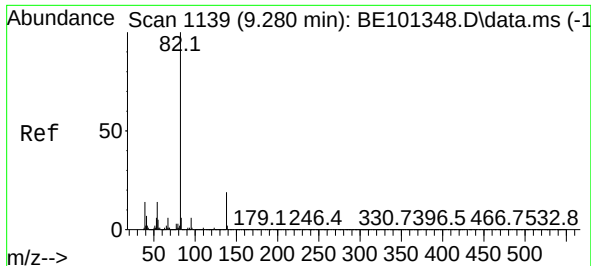
77 100

123 48.8 39.0 58.4

65 12.5 10.2 15.4



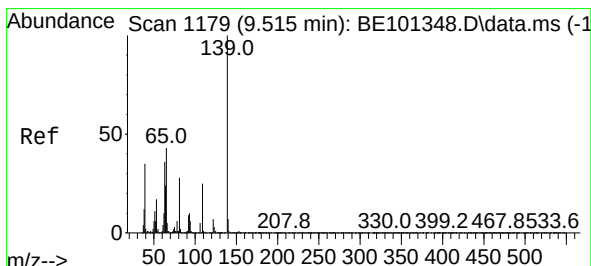
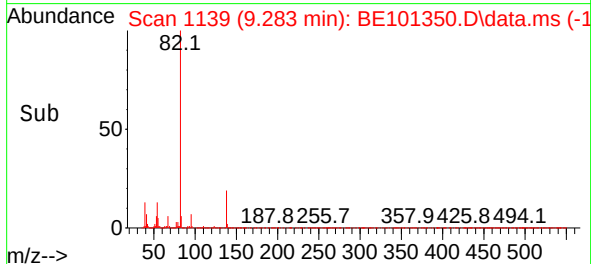
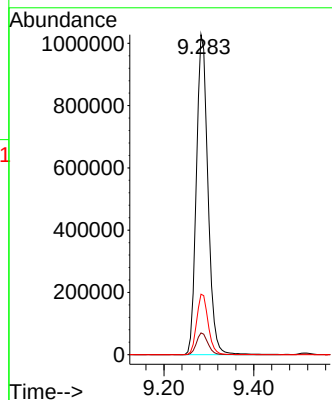
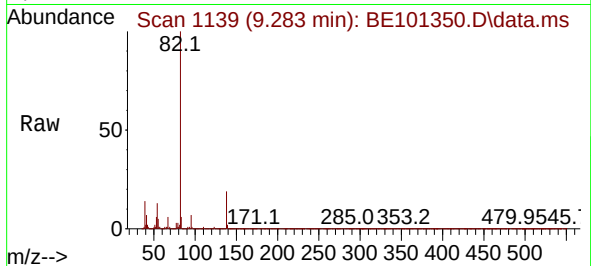




#25  
Isophorone  
Concen: 63.622 ng  
RT: 9.283 min Scan# 1139  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

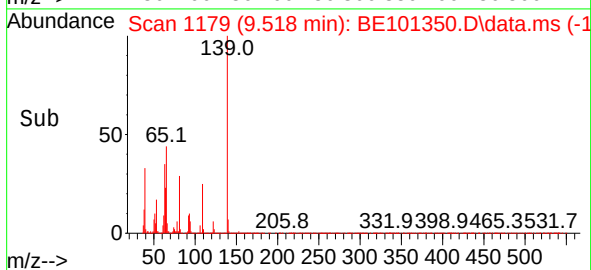
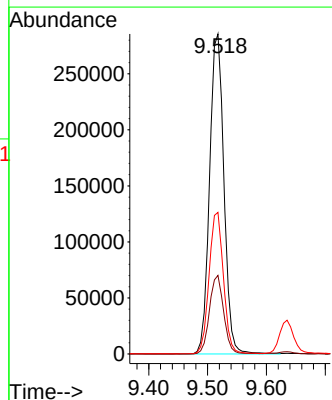
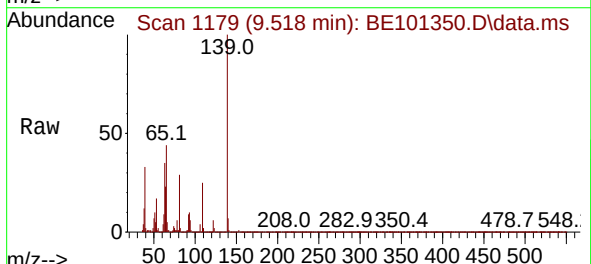
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

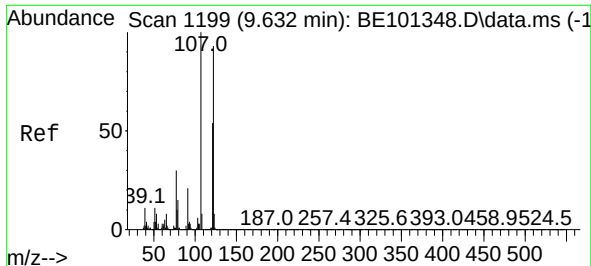
Tgt Ion: 82 Resp: 1835765  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.2 7.8  
138 18.9 15.0 22.6



#26  
2-Nitrophenol  
Concen: 67.919 ng  
RT: 9.518 min Scan# 1179  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:139 Resp: 482353  
Ion Ratio Lower Upper  
139 100  
109 24.5 19.8 29.6  
65 44.3 34.6 52.0

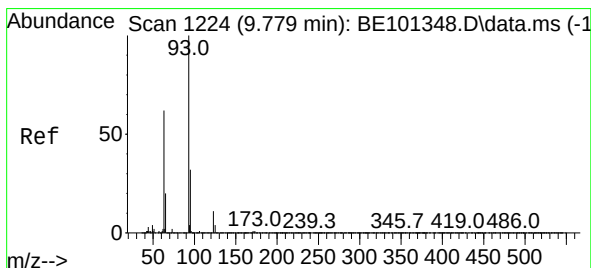
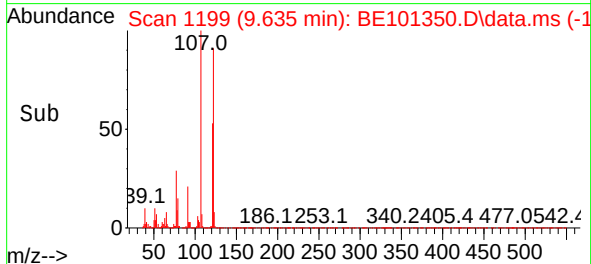
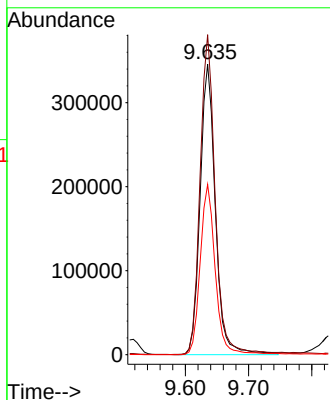
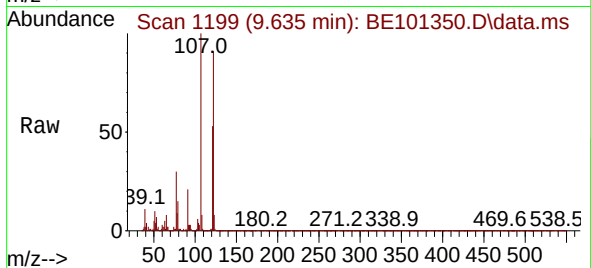




#27  
2,4-Dimethylphenol  
Concen: 63.493 ng  
RT: 9.635 min Scan# 1199  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

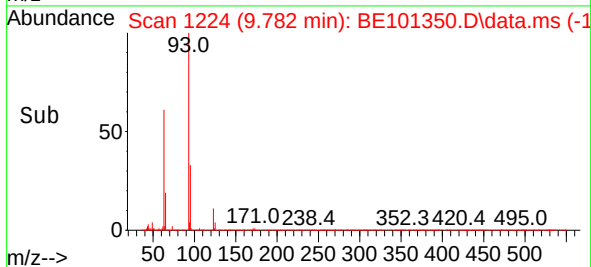
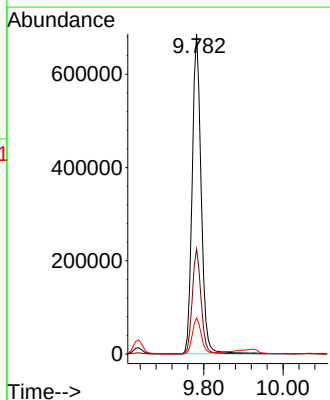
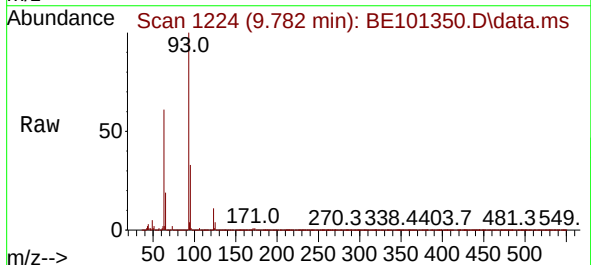
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

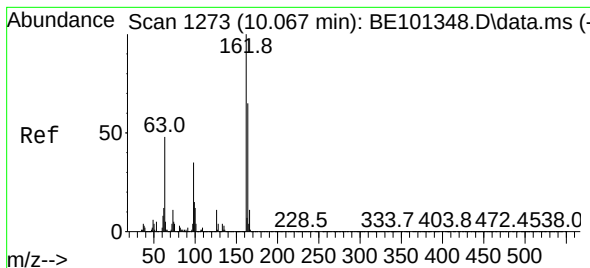
Tgt Ion:122 Resp: 578887  
Ion Ratio Lower Upper  
122 100  
107 110.2 86.4 129.6  
121 58.6 46.3 69.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 61.801 ng  
RT: 9.782 min Scan# 1224  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion: 93 Resp: 1078635  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.0 39.0  
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 64.311 ng

RT: 10.064 min Scan# 1272

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

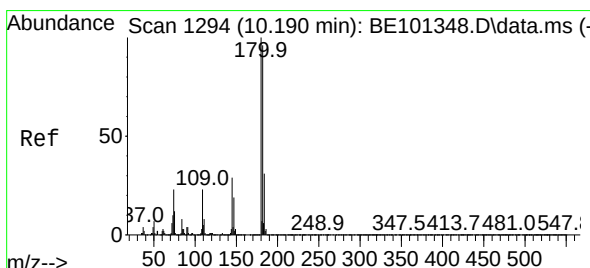
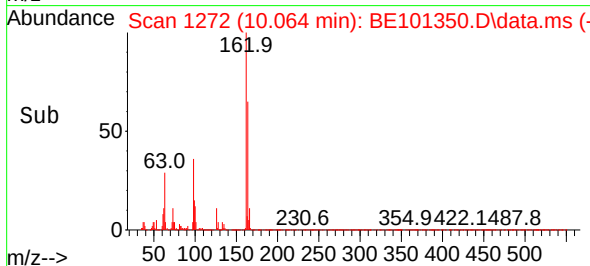
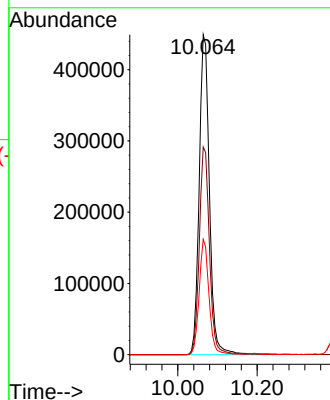
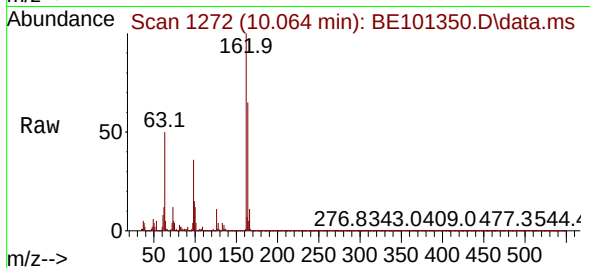
Tgt Ion:162 Resp: 802940

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 36.0 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 60.494 ng

RT: 10.187 min Scan# 1293

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

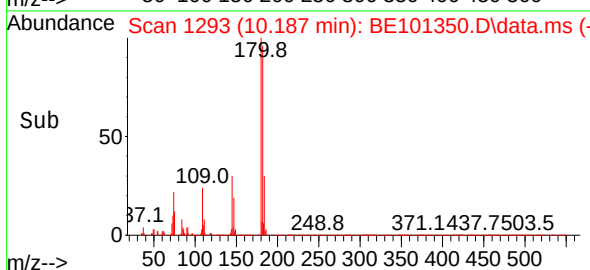
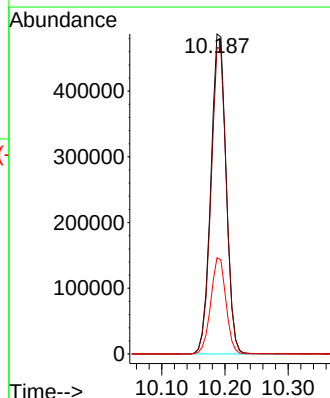
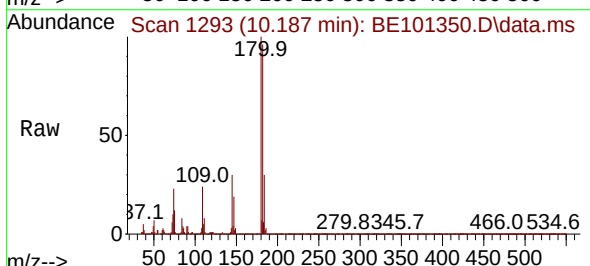
Tgt Ion:180 Resp: 816286

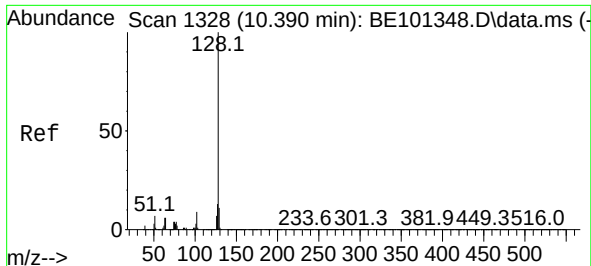
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 30.0 23.5 35.3

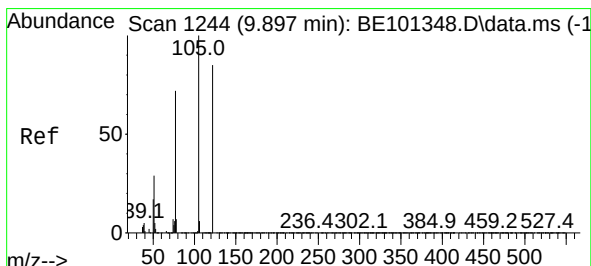
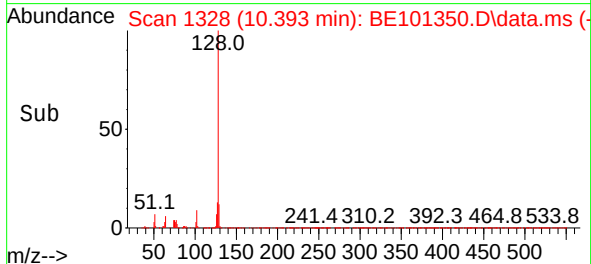
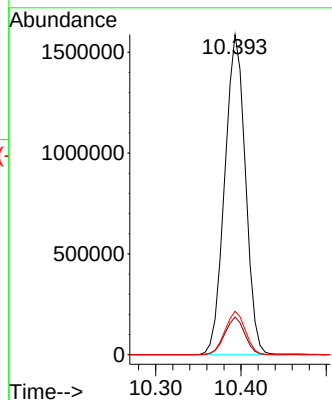
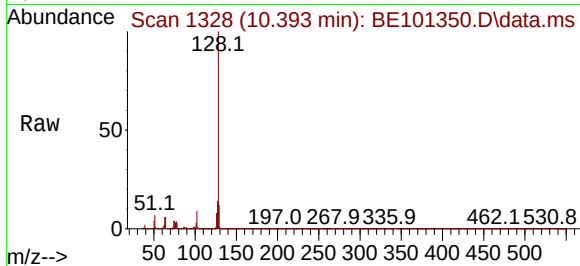




#31  
Naphthalene  
Concen: 59.235 ng  
RT: 10.393 min Scan# 1328  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

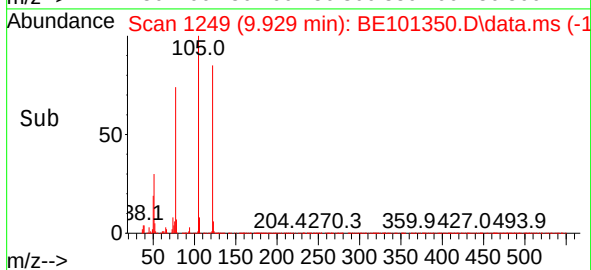
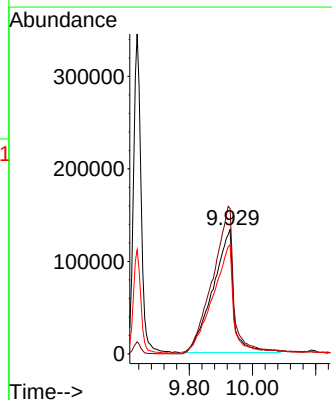
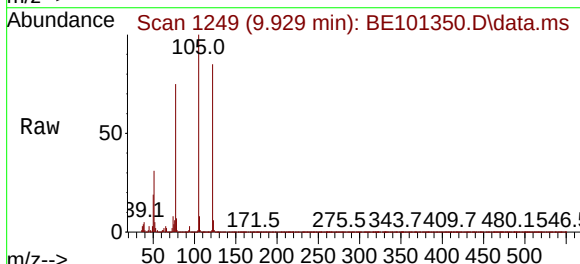
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

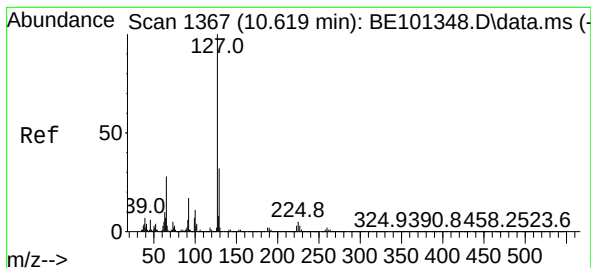
Tgt Ion:128 Resp: 2670742  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.8 13.2  
127 13.6 10.3 15.5



#32  
Benzoic acid  
Concen: 60.121 ng  
RT: 9.929 min Scan# 1249  
Delta R.T. 0.032 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:122 Resp: 605582  
Ion Ratio Lower Upper  
122 100  
105 117.1 96.7 136.7  
77 87.8 64.8 104.8





#33

4-Chloroaniline

Concen: 63.332 ng

RT: 10.622 min Scan# 1367

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 1092471

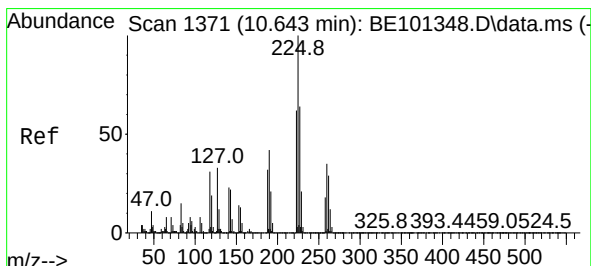
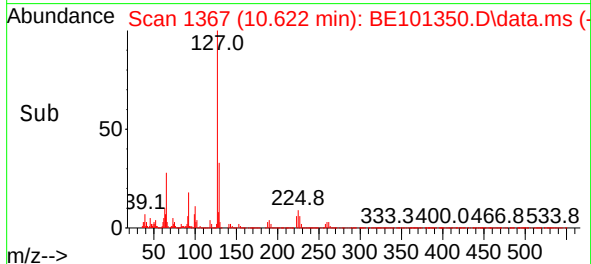
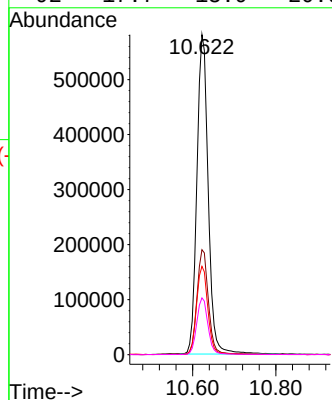
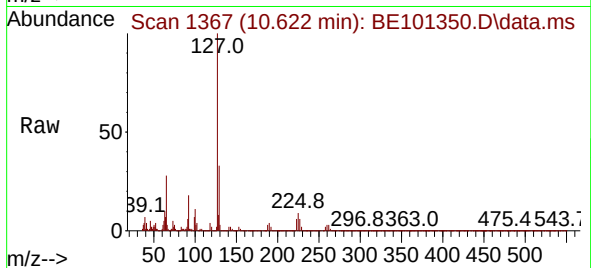
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 27.6 22.5 33.7

92 17.7 13.9 20.9



#34

Hexachlorobutadiene

Concen: 59.787 ng

RT: 10.640 min Scan# 1370

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

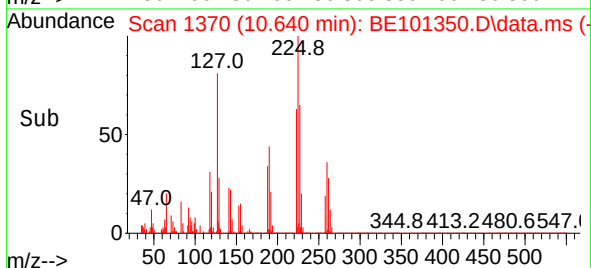
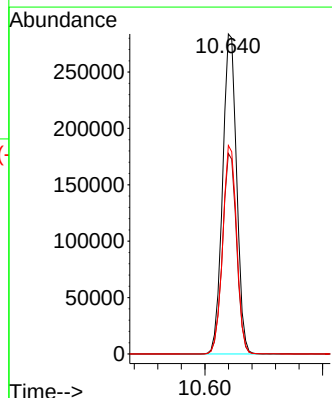
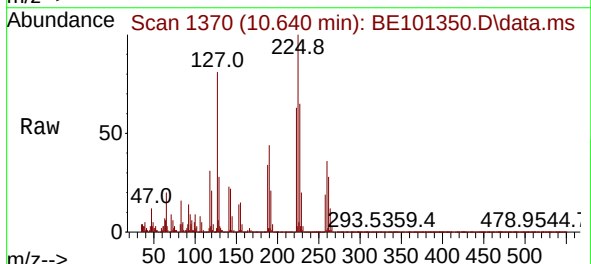
Tgt Ion:225 Resp: 468704

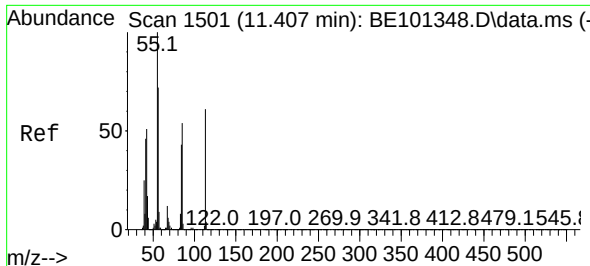
Ion Ratio Lower Upper

225 100

223 62.7 49.8 74.8

227 65.2 51.3 76.9

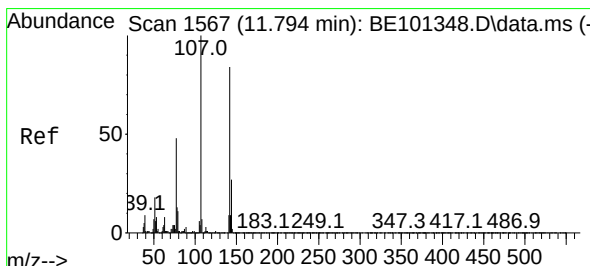
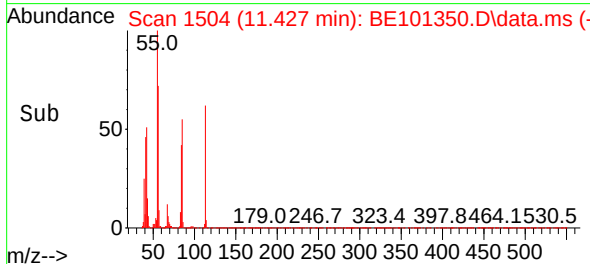
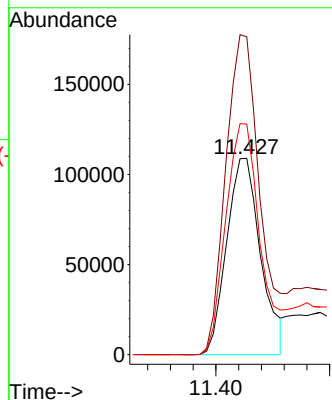
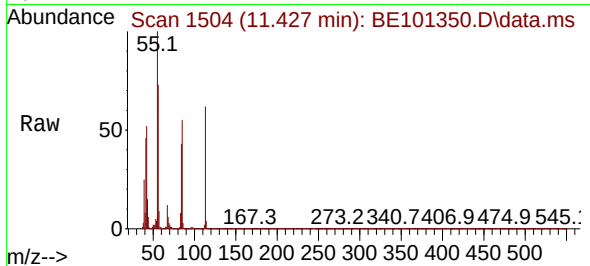




#35  
Caprolactam  
Concen: 44.510 ng  
RT: 11.427 min Scan# 1504  
Delta R.T. 0.020 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

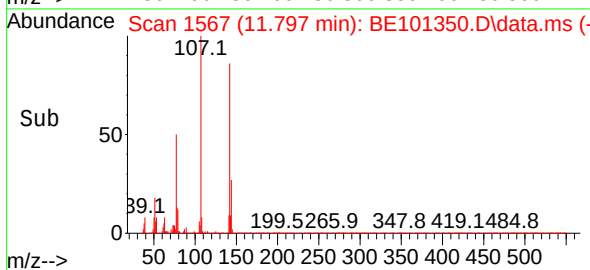
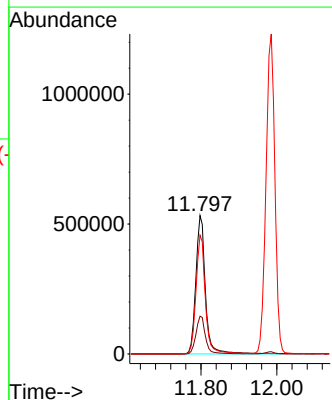
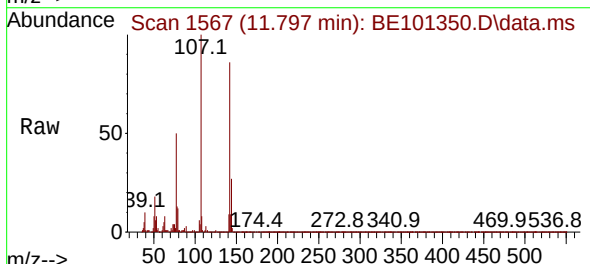
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

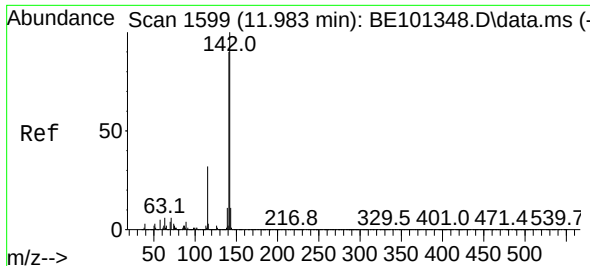
Tgt Ion:113 Resp: 225740  
Ion Ratio Lower Upper  
113 100  
55 162.0 144.8 184.8  
56 117.4 99.3 139.3



#36  
4-Chloro-3-methylphenol  
Concen: 63.651 ng  
RT: 11.797 min Scan# 1567  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:107 Resp: 939030  
Ion Ratio Lower Upper  
107 100  
144 27.2 21.9 32.9  
142 85.8 67.4 101.2

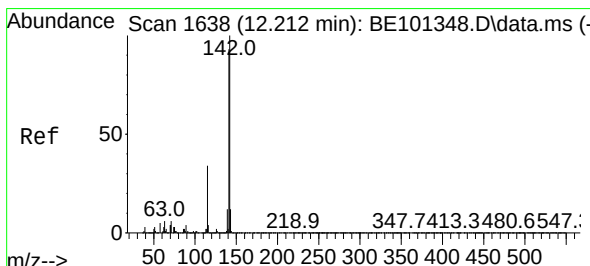
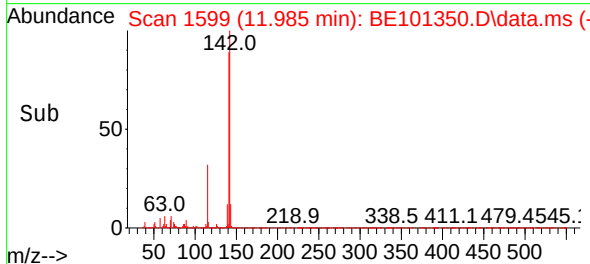
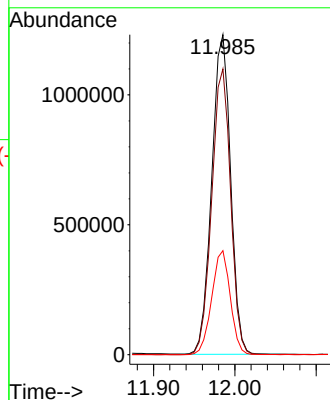
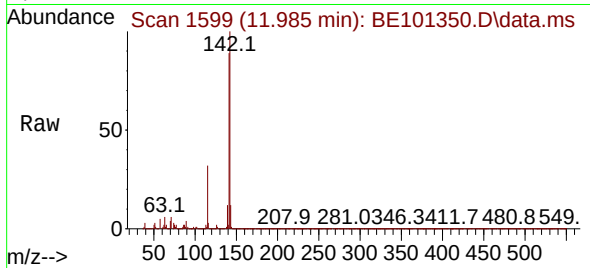




#37  
2-Methylnaphthalene  
Concen: 60.202 ng  
RT: 11.985 min Scan# 1599  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

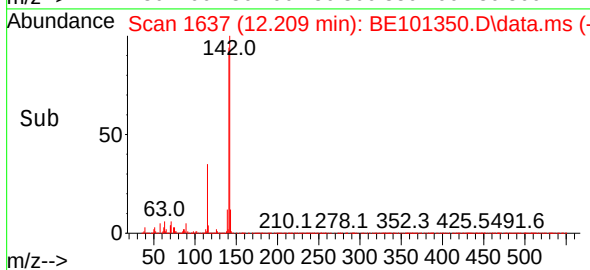
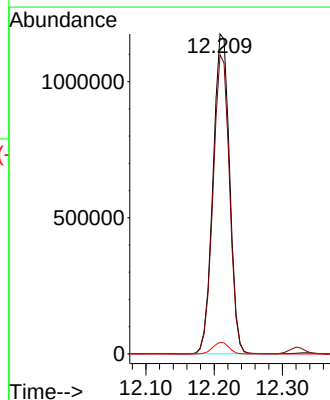
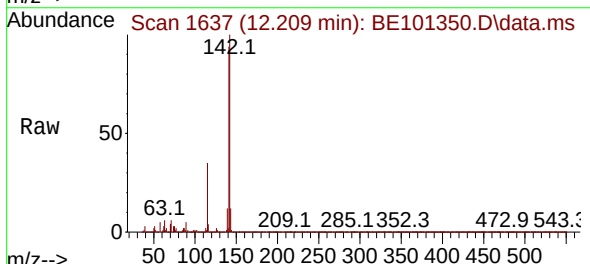
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

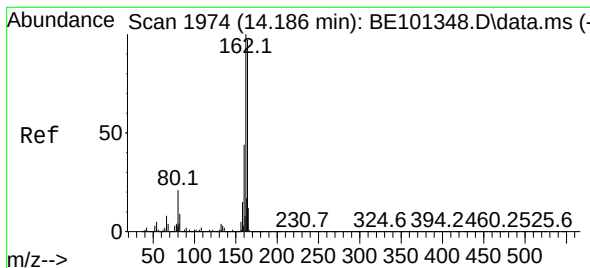
Tgt Ion:142 Resp: 1985132  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.8 107.6  
115 32.5 25.6 38.4



#38  
1-Methylnaphthalene  
Concen: 59.925 ng  
RT: 12.209 min Scan# 1637  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:142 Resp: 1982417  
Ion Ratio Lower Upper  
142 100  
141 93.5 74.3 111.5  
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.189 min Scan# 1

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

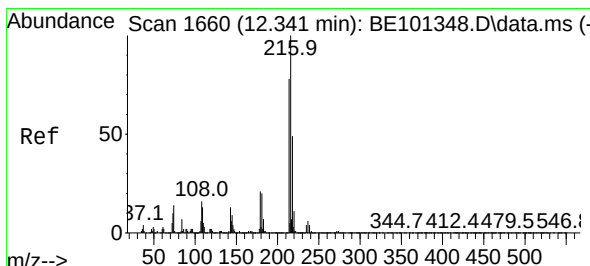
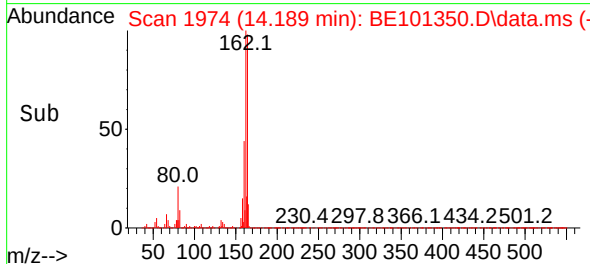
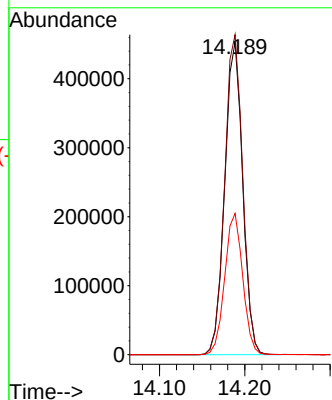
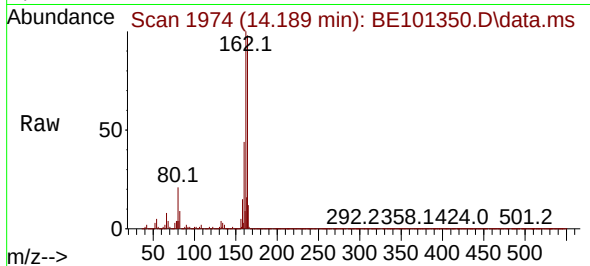
Tgt Ion:164 Resp: 660401

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 45.2 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.992 ng

RT: 12.338 min Scan# 1659

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Tgt Ion:216 Resp: 970300

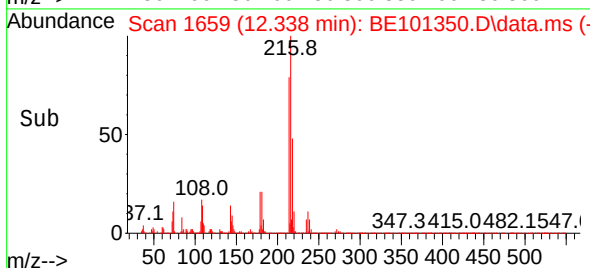
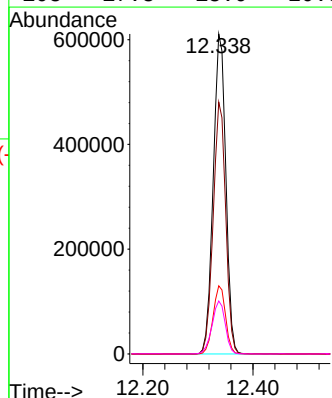
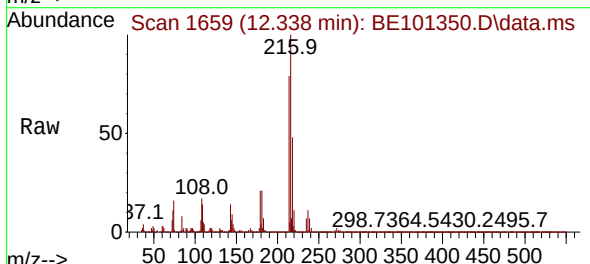
Ion Ratio Lower Upper

216 100

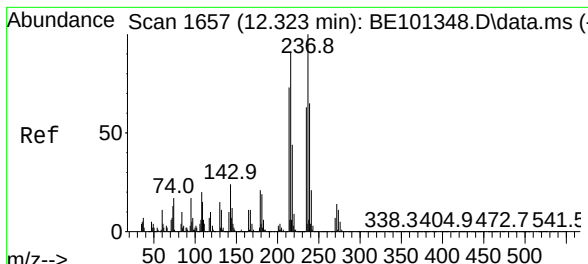
214 78.2 62.6 94.0

179 21.1 16.9 25.3

108 17.3 13.9 20.9



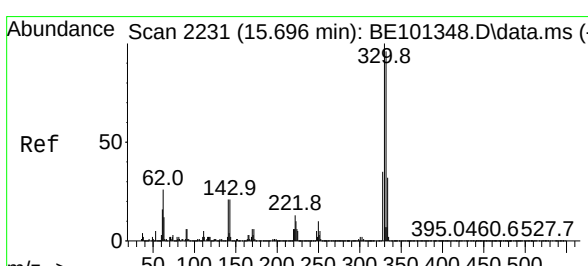
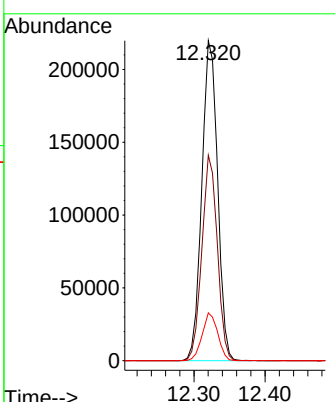
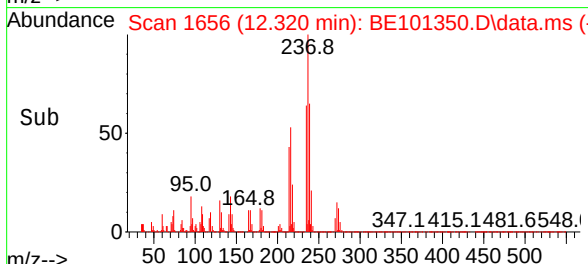
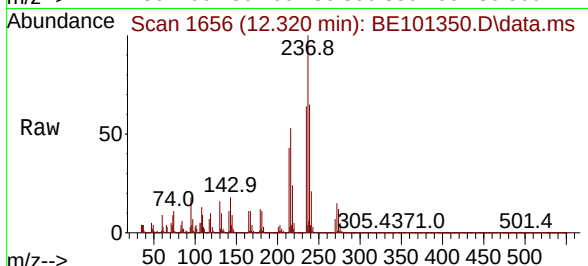




#41  
 Hexachlorocyclopentadiene  
 Concen: 64.922 ng  
 RT: 12.320 min Scan# 1656  
 Delta R.T. -0.003 min  
 Lab File: BE101350.D  
 Acq: 17 Sep 2024 13:22

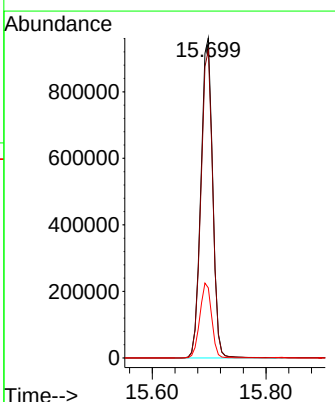
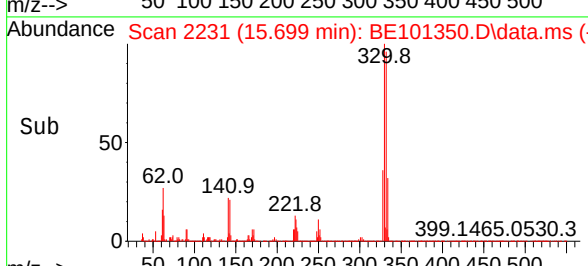
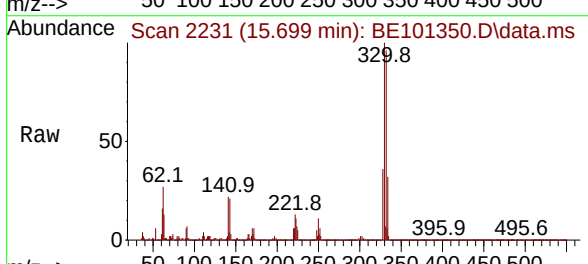
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC060

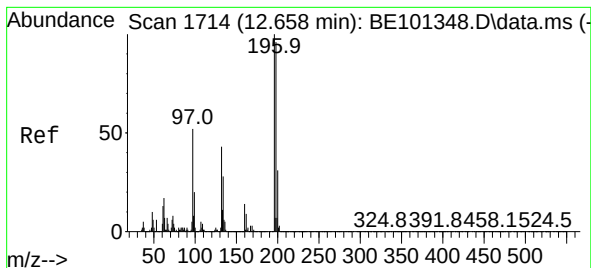
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 339360 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.2  | 42.9  | 82.9   |
| 272      | 14.9  | 0.0   | 34.0   |



#42  
 2,4,6-Tribromophenol  
 Concen: 123.593 ng  
 RT: 15.699 min Scan# 2231  
 Delta R.T. 0.003 min  
 Lab File: BE101350.D  
 Acq: 17 Sep 2024 13:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 330   | Resp: | 1372830 |
| Ion      | Ratio | Lower | Upper   |
| 330      | 100   |       |         |
| 332      | 96.4  | 77.8  | 116.8   |
| 141      | 23.5  | 19.1  | 28.7    |





#43

2,4,6-Trichlorophenol

Concen: 63.535 ng

RT: 12.661 min Scan# 1714

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

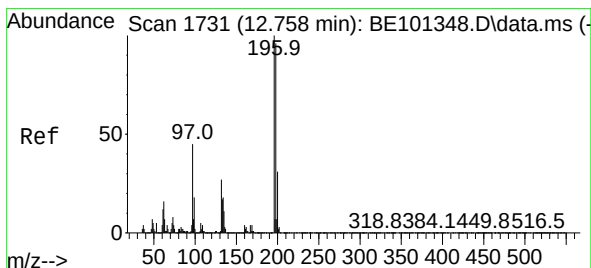
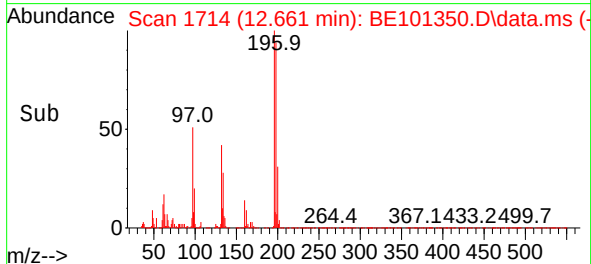
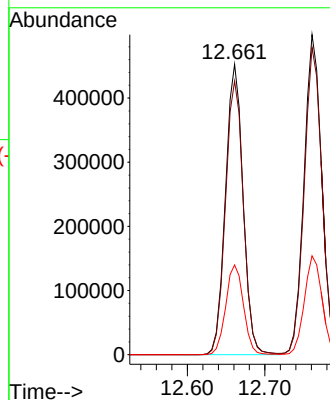
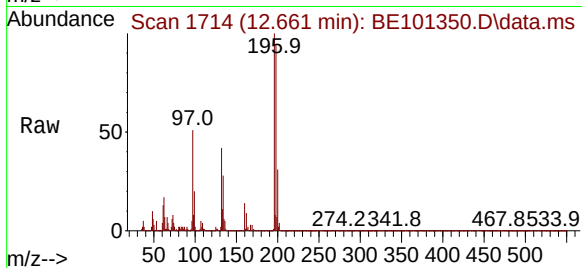
Tgt Ion:196 Resp: 715821

Ion Ratio Lower Upper

196 100

198 94.2 76.8 115.2

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 63.974 ng

RT: 12.761 min Scan# 1731

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Tgt Ion:196 Resp: 813234

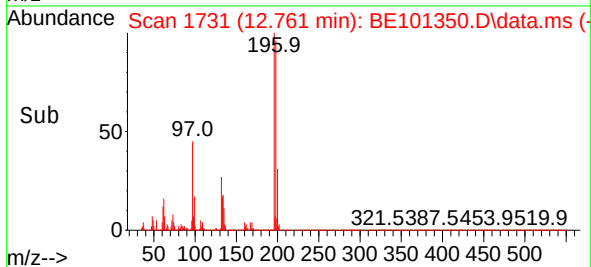
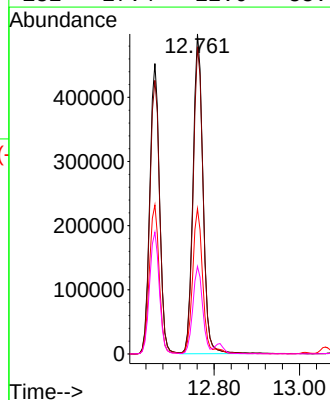
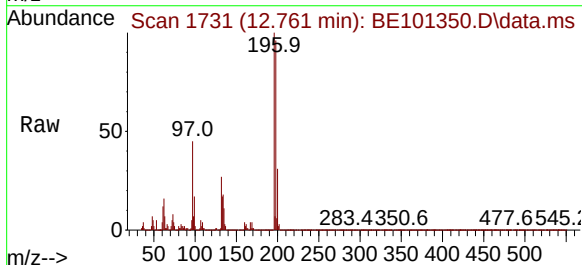
Ion Ratio Lower Upper

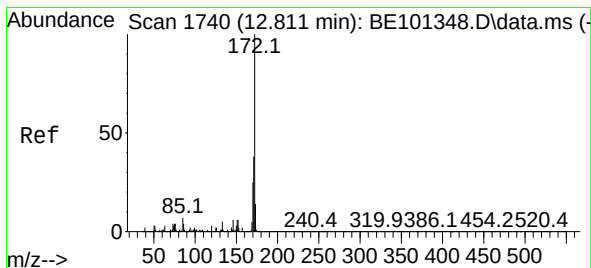
196 100

198 96.0 76.9 115.3

97 45.4 36.2 54.2

132 27.4 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 110.113 ng

RT: 12.814 min Scan# 1740

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

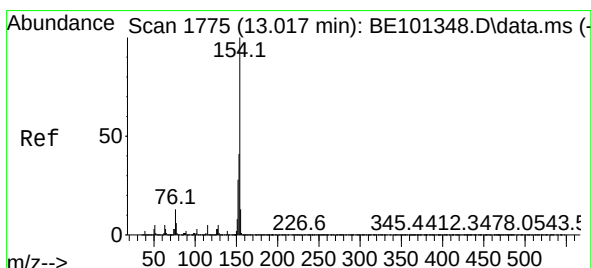
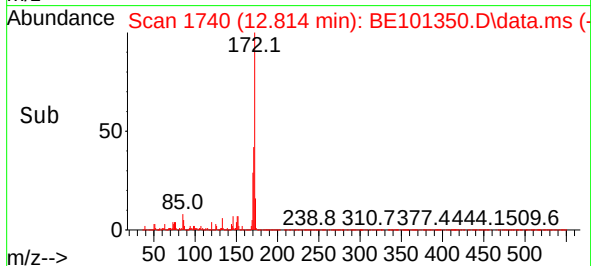
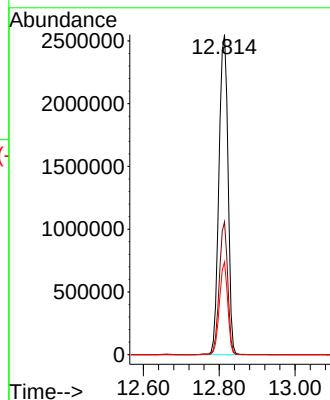
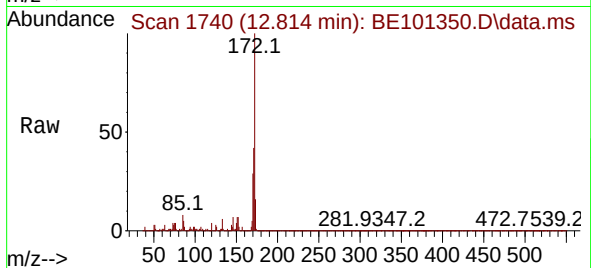
Tgt Ion:172 Resp: 4208095

Ion Ratio Lower Upper

172 100

171 41.5 30.2 45.2

170 28.9 20.2 30.4



#46

1,1'-Biphenyl

Concen: 58.760 ng

RT: 13.013 min Scan# 1774

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

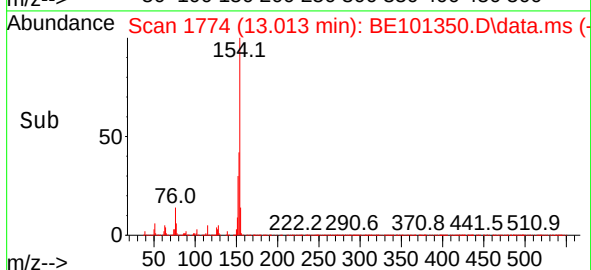
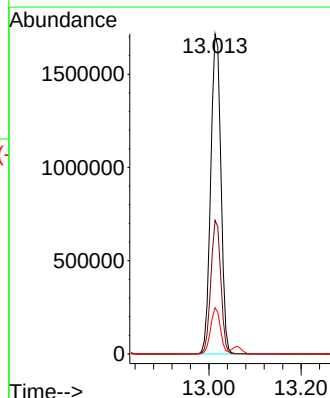
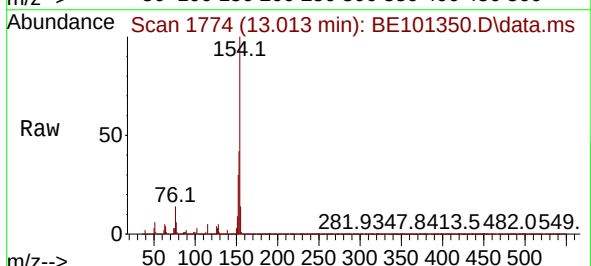
Tgt Ion:154 Resp: 2629618

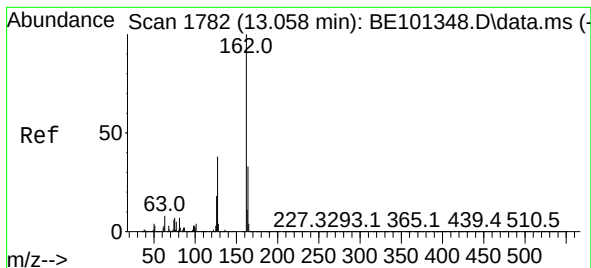
Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

76 14.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 60.045 ng

RT: 13.060 min Scan# 1782

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

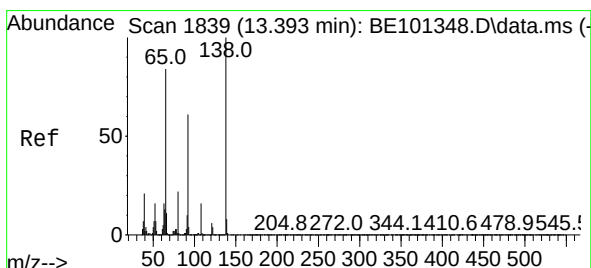
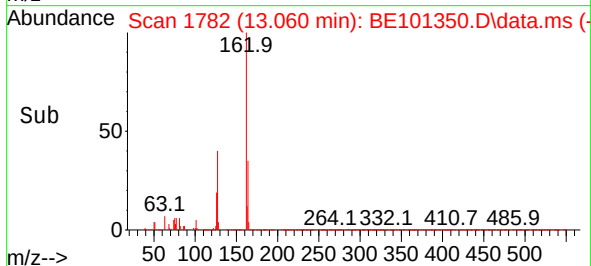
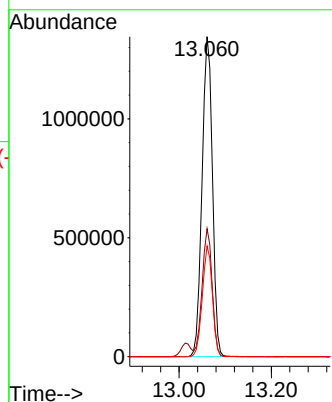
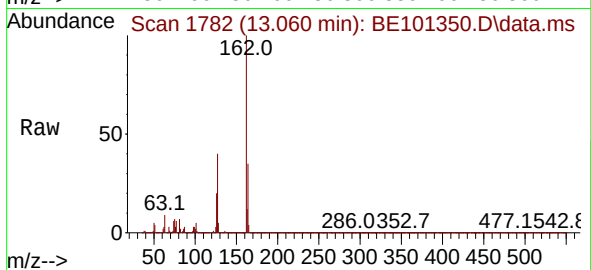
Tgt Ion:162 Resp: 2113797

Ion Ratio Lower Upper

162 100

127 40.0 31.2 46.8

164 34.6 26.2 39.2



#48

2-Nitroaniline

Concen: 67.517 ng

RT: 13.395 min Scan# 1839

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

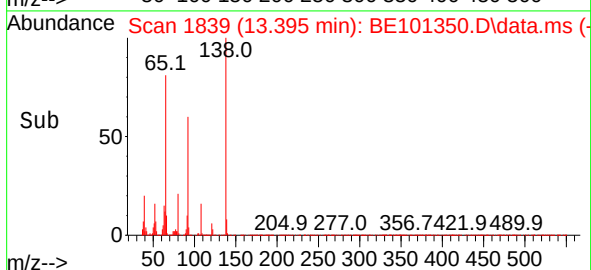
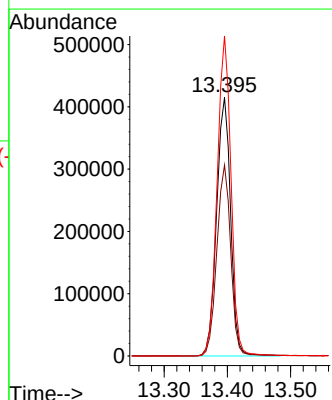
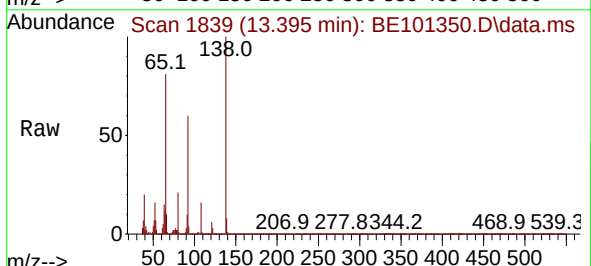
Tgt Ion: 65 Resp: 639480

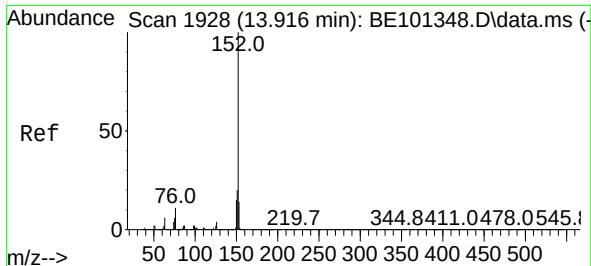
Ion Ratio Lower Upper

65 100

92 73.8 58.3 87.5

138 123.8 95.0 142.4





#49

Acenaphthylene

Concen: 59.334 ng

RT: 13.918 min Scan# 1928

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

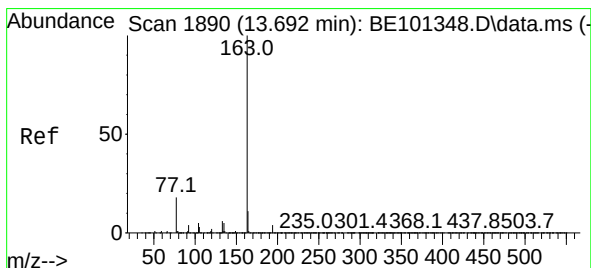
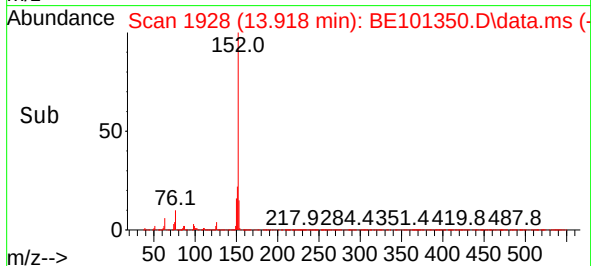
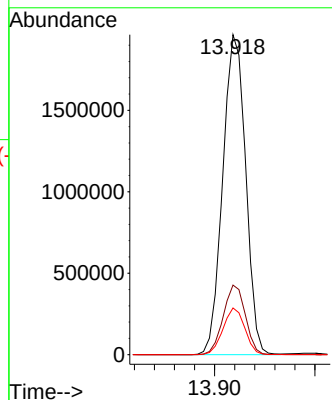
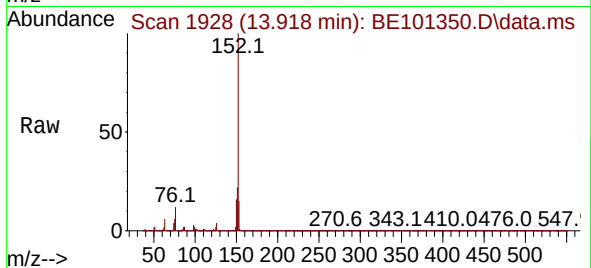
Tgt Ion:152 Resp: 3116696

Ion Ratio Lower Upper

152 100

151 21.7 16.4 24.6

153 14.6 11.1 16.7



#50

Dimethylphthalate

Concen: 57.435 ng

RT: 13.701 min Scan# 1891

Delta R.T. 0.009 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

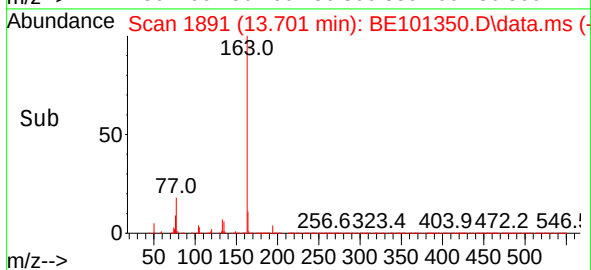
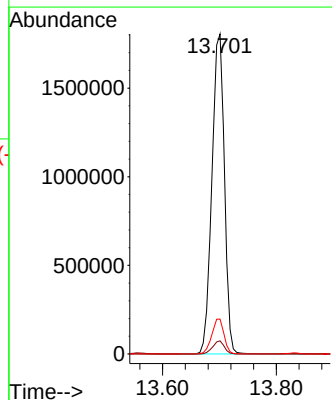
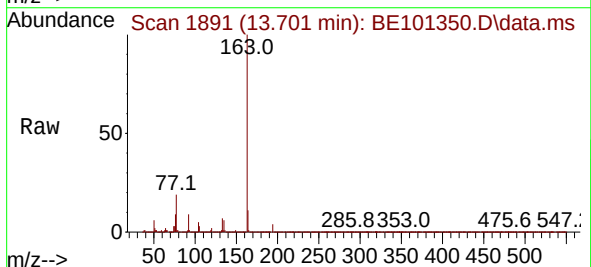
Tgt Ion:163 Resp: 2736963

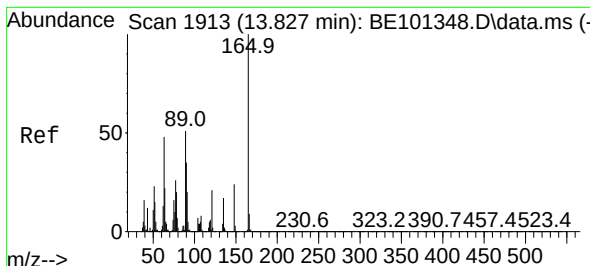
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.9 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 62.871 ng

RT: 13.830 min Scan# 1913

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

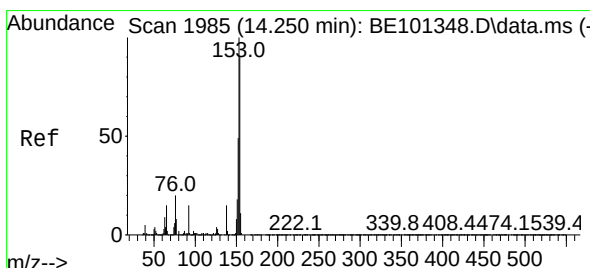
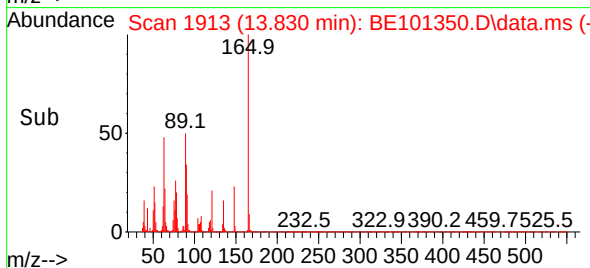
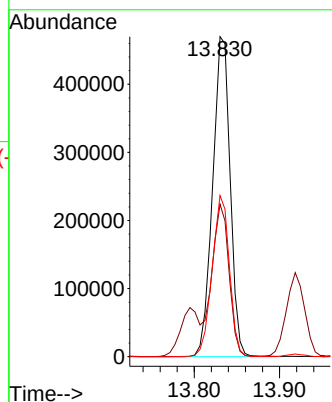
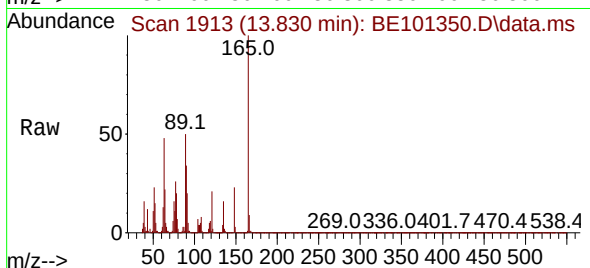
Tgt Ion:165 Resp: 670482

Ion Ratio Lower Upper

165 100

63 47.6 38.5 57.7

89 50.4 40.5 60.7



#52

Acenaphthene

Concen: 58.607 ng

RT: 14.253 min Scan# 1985

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

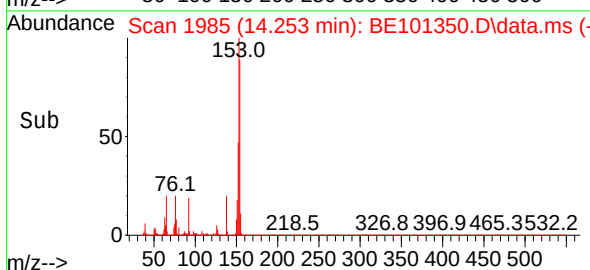
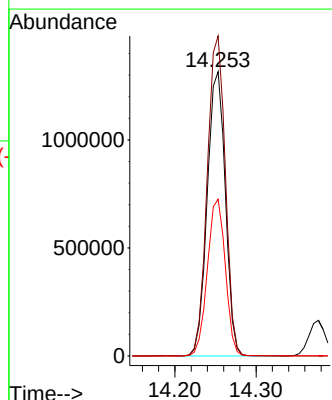
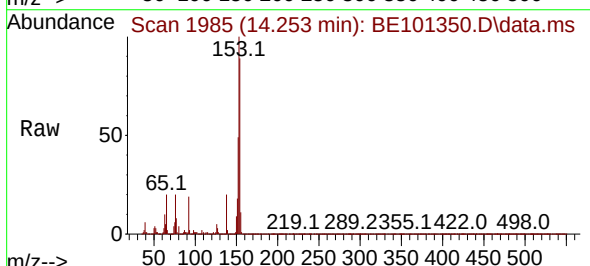
Tgt Ion:154 Resp: 2029335

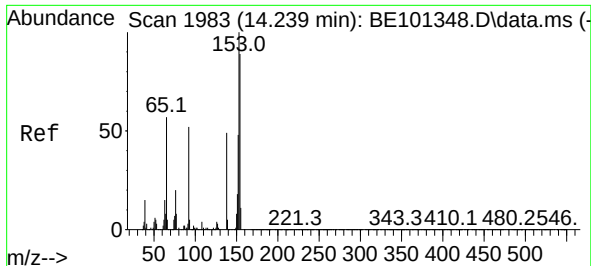
Ion Ratio Lower Upper

154 100

153 112.5 88.8 133.2

152 55.1 43.2 64.8

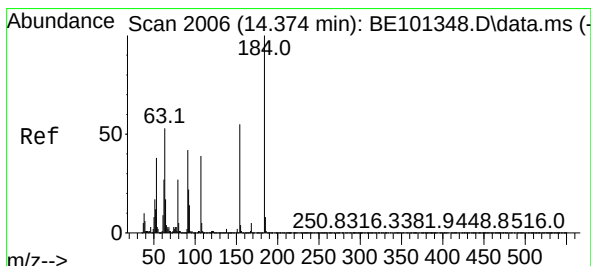
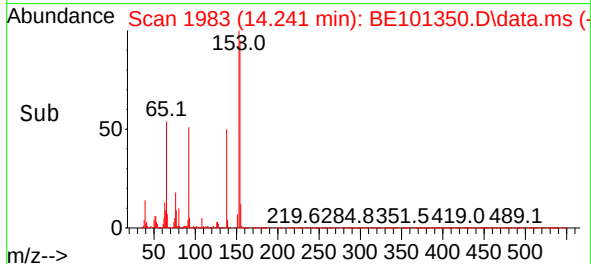
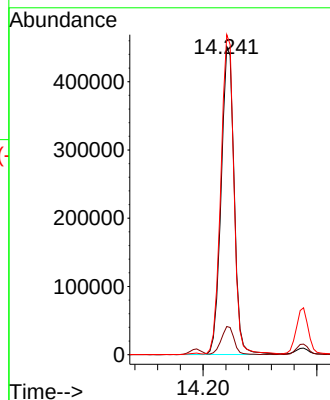
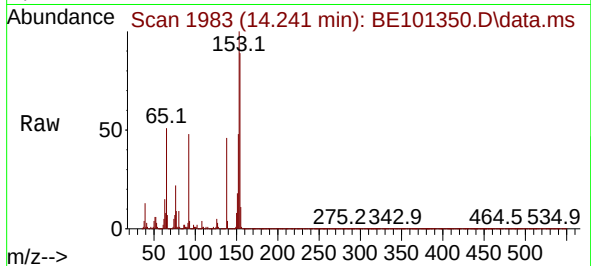




#53  
3-Nitroaniline  
Concen: 65.605 ng  
RT: 14.241 min Scan# 1983  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

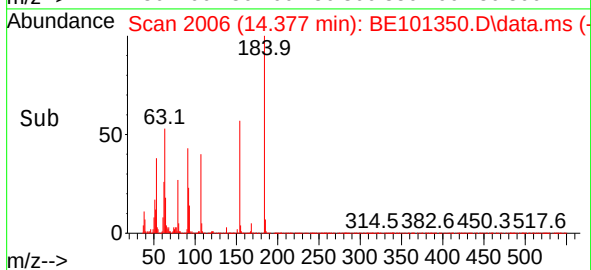
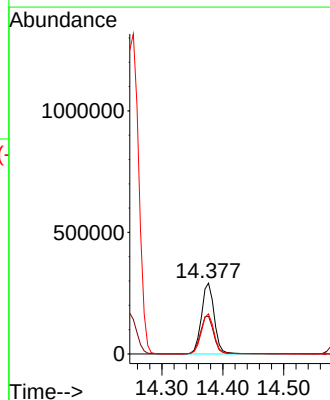
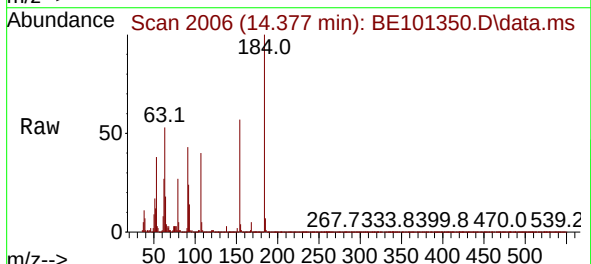
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

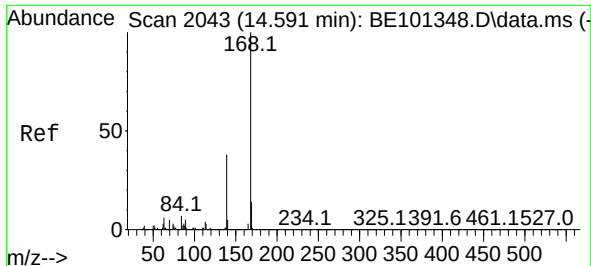
Tgt Ion:138 Resp: 719694  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.2 10.8  
92 103.9 85.7 128.5



#54  
2,4-Dinitrophenol  
Concen: 67.435 ng  
RT: 14.377 min Scan# 2006  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:184 Resp: 428107  
Ion Ratio Lower Upper  
184 100  
63 53.1 42.5 63.7  
154 56.5 44.2 66.2





#55

Dibenzenofuran

Concen: 57.384 ng

RT: 14.594 min Scan# 2043

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

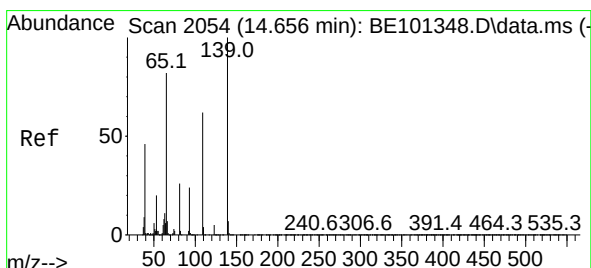
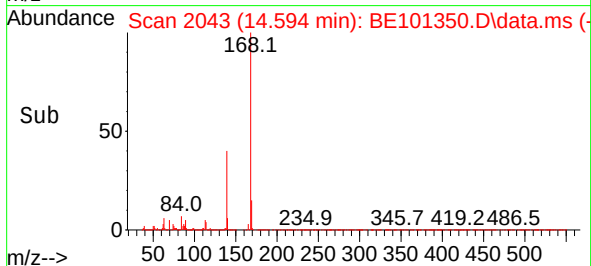
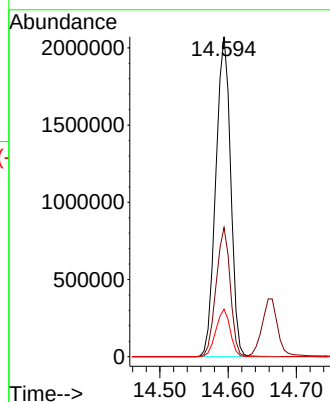
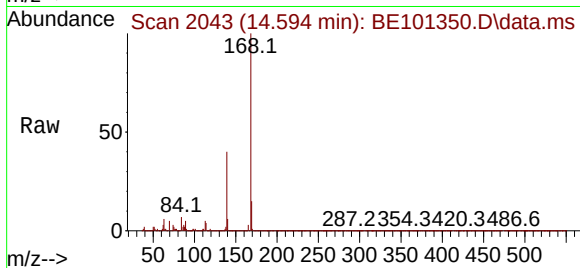
Tgt Ion:168 Resp: 3138562

Ion Ratio Lower Upper

168 100

139 40.3 30.5 45.7

169 14.8 11.4 17.2



#56

4-Nitrophenol

Concen: 67.158 ng

RT: 14.664 min Scan# 2055

Delta R.T. 0.009 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

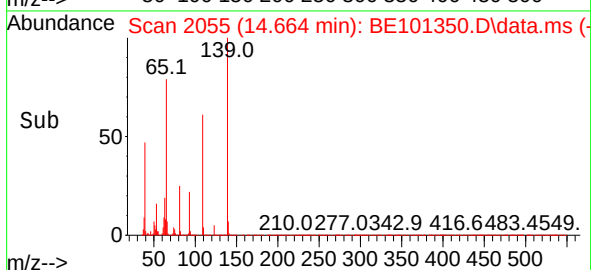
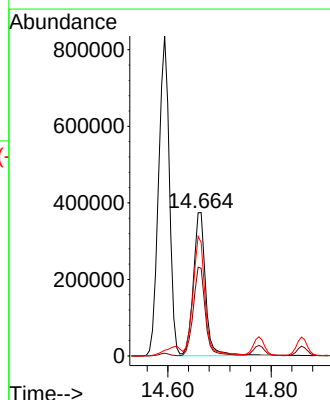
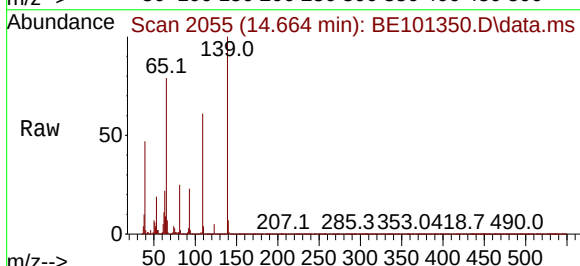
Tgt Ion:139 Resp: 612489

Ion Ratio Lower Upper

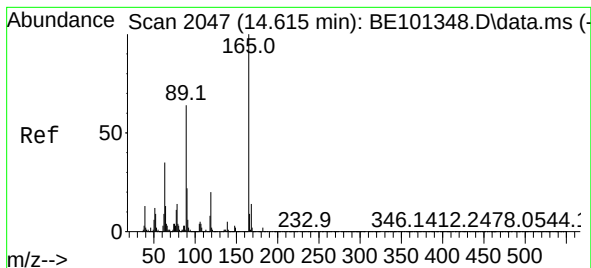
139 100

109 61.2 41.9 81.9

65 79.2 63.0 103.0



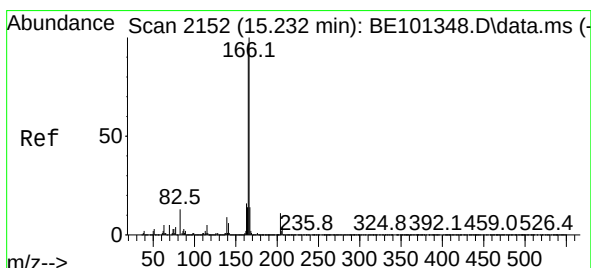
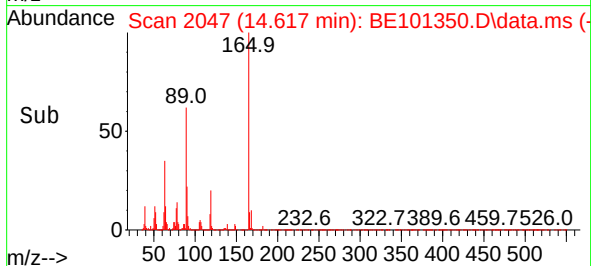
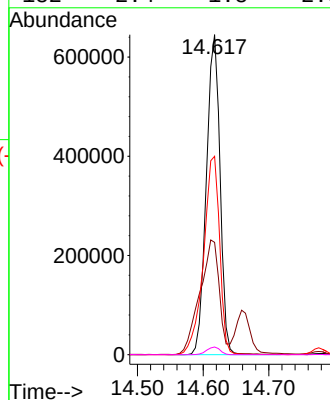
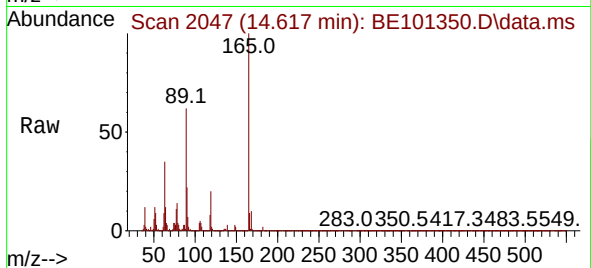




#57  
2,4-Dinitrotoluene  
Concen: 64.586 ng  
RT: 14.617 min Scan# 2047  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

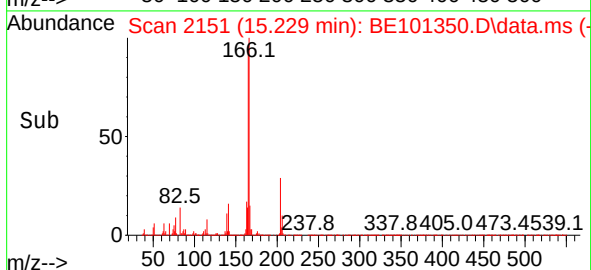
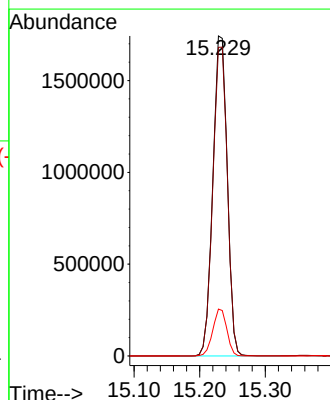
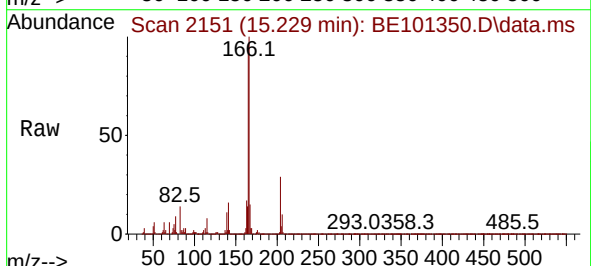
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

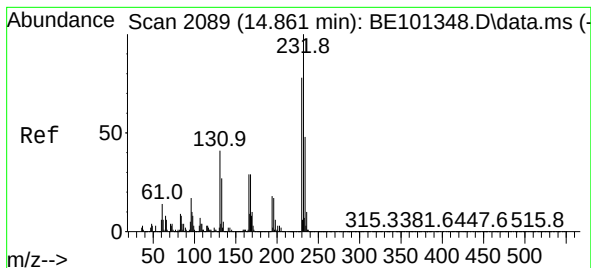
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 937666 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 35.1  | 28.4  | 42.6   |
| 89       | 62.0  | 51.0  | 76.4   |
| 182      | 2.4   | 1.8   | 2.8    |



#58  
Fluorene  
Concen: 57.537 ng  
RT: 15.229 min Scan# 2151  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2651527 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 96.5  | 77.8  | 116.8   |
| 167      | 14.6  | 11.0  | 16.6    |

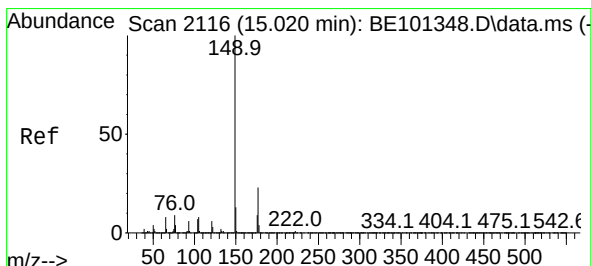
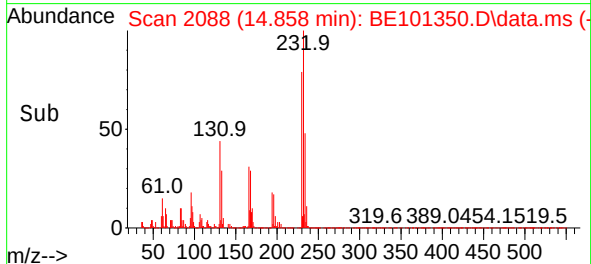
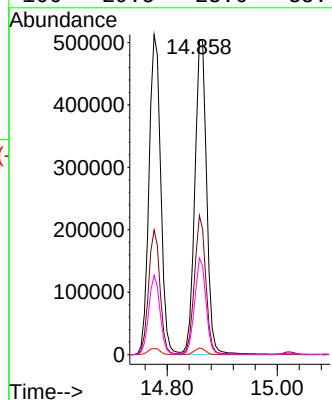
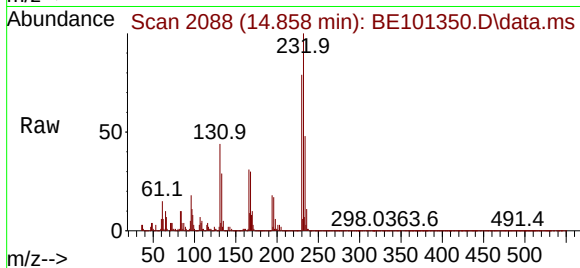




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 62.332 ng  
RT: 14.858 min Scan# 2088  
Delta R.T. -0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

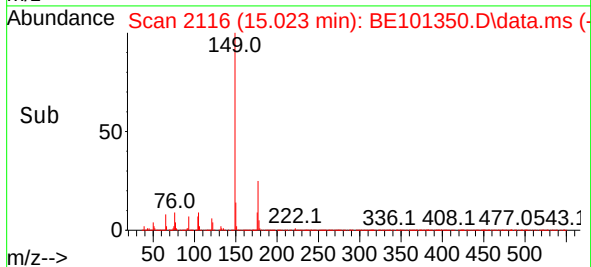
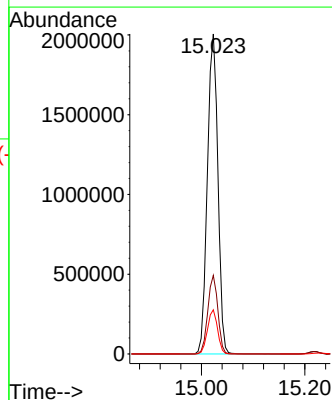
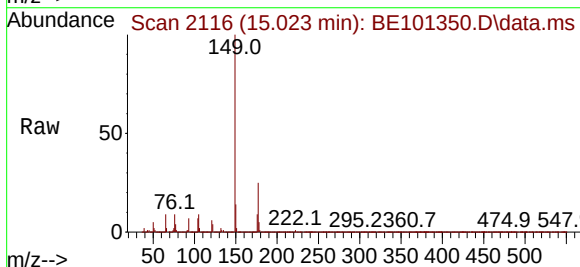
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

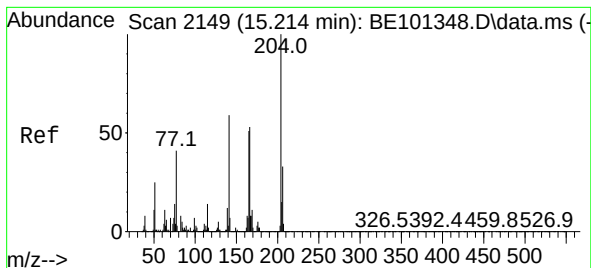
Tgt Ion:232 Resp: 749322  
Ion Ratio Lower Upper  
232 100  
131 42.4 34.2 51.4  
130 2.1 1.8 2.6  
166 29.5 23.6 35.4



#60  
Diethylphthalate  
Concen: 57.105 ng  
RT: 15.023 min Scan# 2116  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:149 Resp: 2823289  
Ion Ratio Lower Upper  
149 100  
177 24.6 18.4 27.6  
150 13.8 10.0 15.0

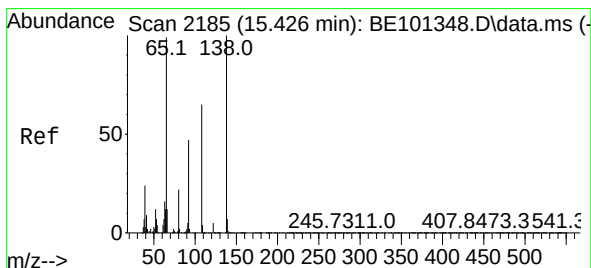
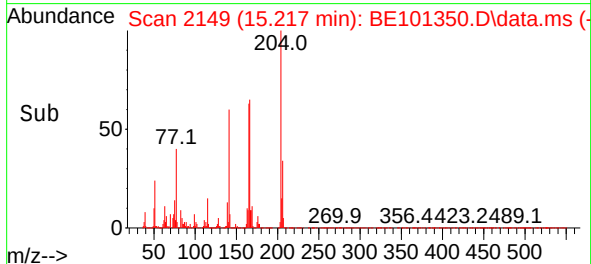
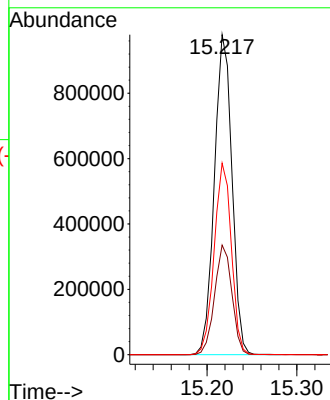
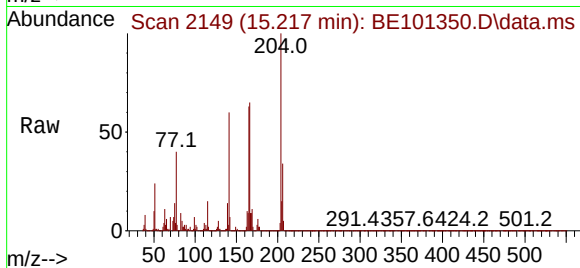




#61  
4-Chlorophenyl-phenylether  
Concen: 58.863 ng  
RT: 15.217 min Scan# 2149  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

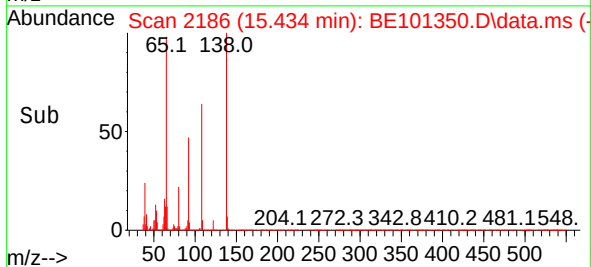
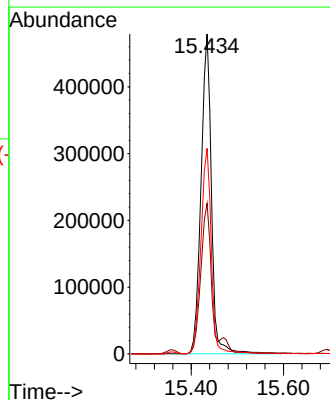
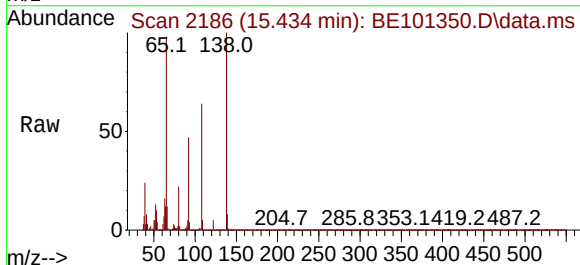
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

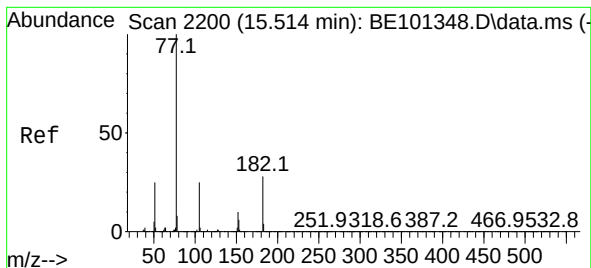
Tgt Ion:204 Resp: 1330603  
Ion Ratio Lower Upper  
204 100  
206 34.2 26.2 39.2  
141 59.8 47.2 70.8



#62  
4-Nitroaniline  
Concen: 66.024 ng  
RT: 15.434 min Scan# 2186  
Delta R.T. 0.009 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:138 Resp: 754832  
Ion Ratio Lower Upper  
138 100  
92 47.0 26.8 66.8  
108 64.3 44.7 84.7





#63

Azobenzene

Concen: 58.286 ng

RT: 15.516 min Scan# 21

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 2462533

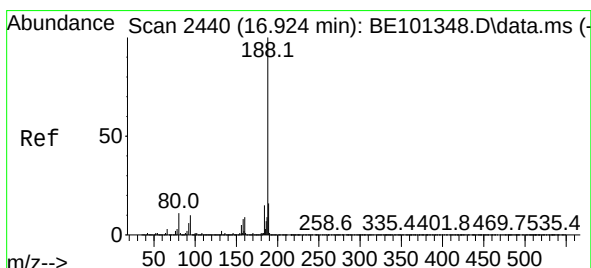
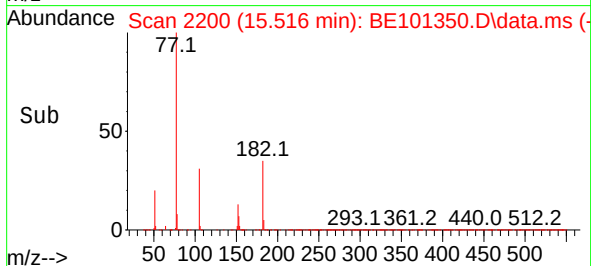
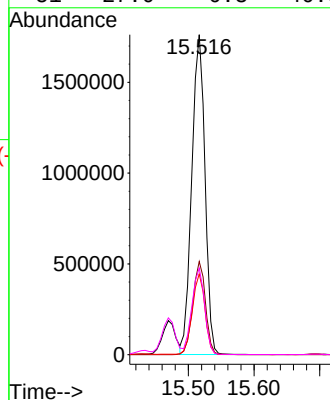
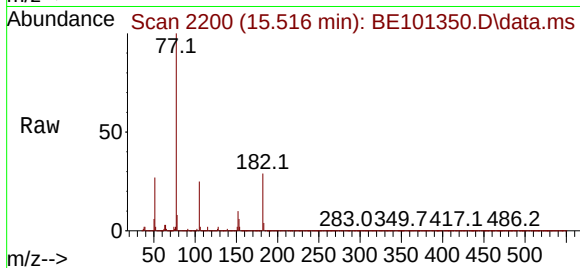
Ion Ratio Lower Upper

77 100

182 29.1 7.8 47.8

105 25.2 4.3 44.3

51 27.0 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.927 min Scan# 2440

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

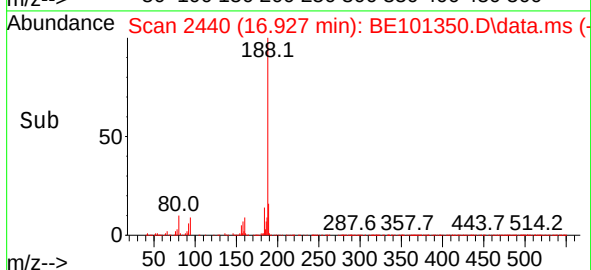
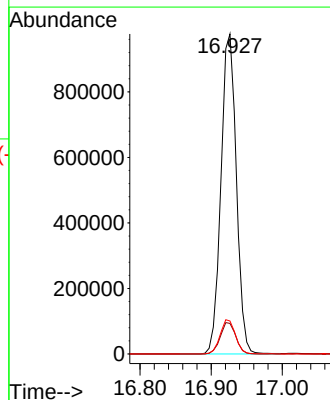
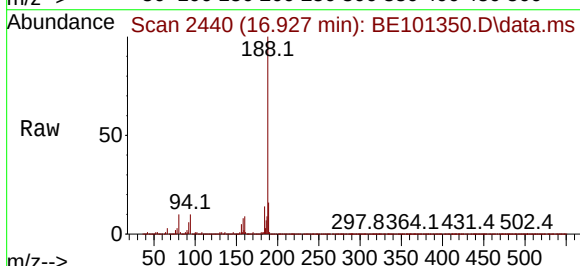
Tgt Ion:188 Resp: 1462145

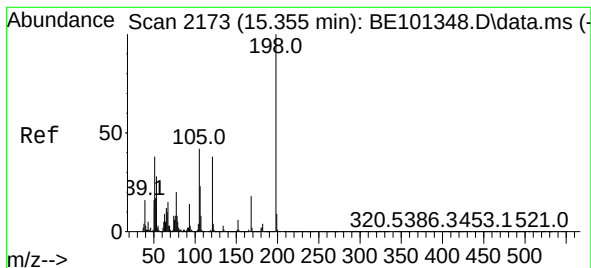
Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 10.3 8.6 13.0

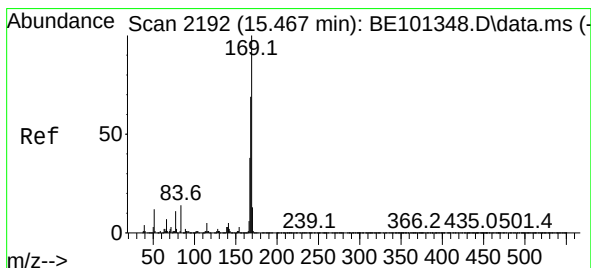
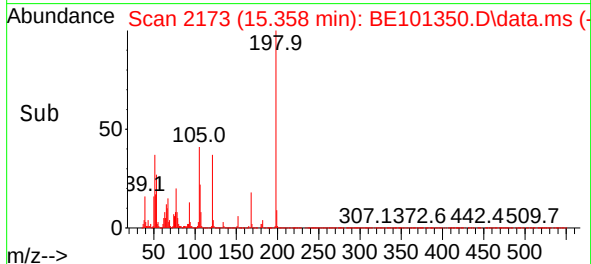
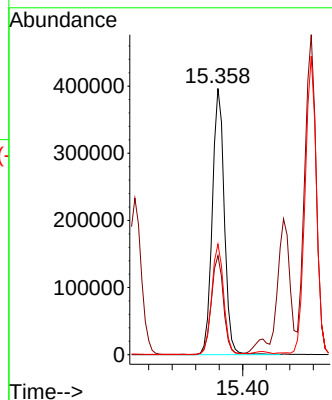
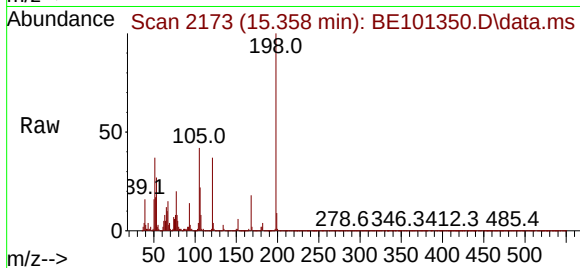




#65  
4,6-Dinitro-2-methylphenol  
Concen: 67.499 ng  
RT: 15.358 min Scan# 2173  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

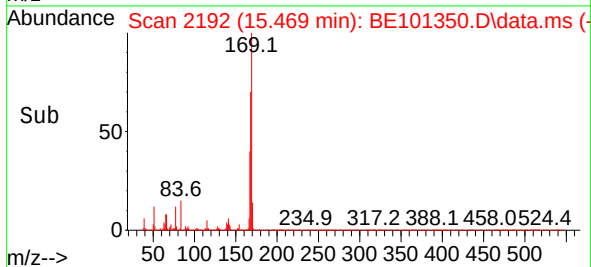
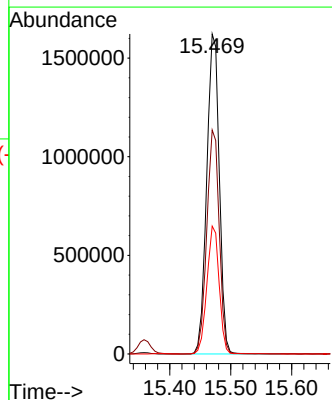
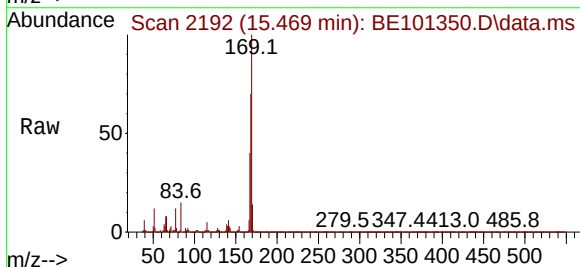
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC060

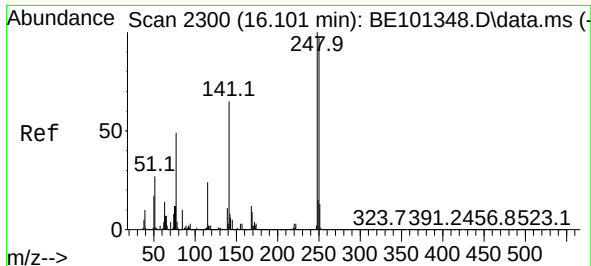
Tgt Ion:198 Resp: 560419  
Ion Ratio Lower Upper  
198 100  
51 37.2 18.1 58.1  
105 41.5 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 59.702 ng  
RT: 15.469 min Scan# 2192  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:169 Resp: 2326823  
Ion Ratio Lower Upper  
169 100  
168 70.0 55.1 82.7  
167 40.0 30.5 45.7





#67

4-Bromophenyl-phenylether

Concen: 61.726 ng

RT: 16.104 min Scan# 2300

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

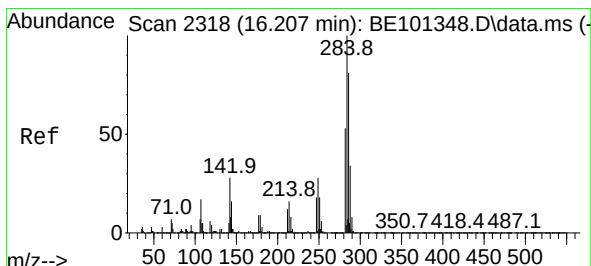
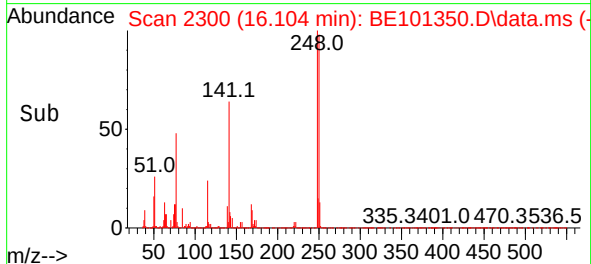
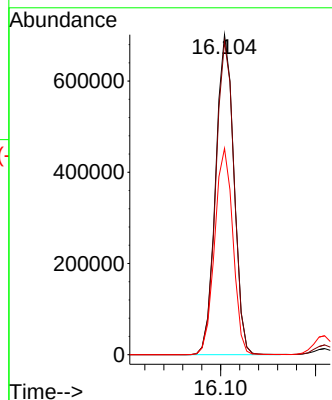
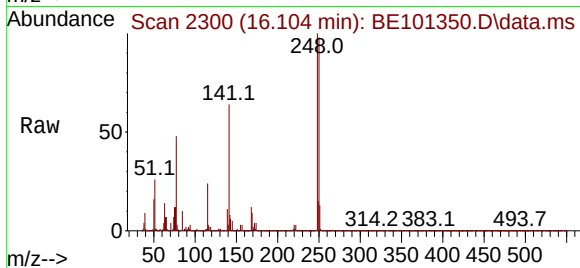
Tgt Ion:248 Resp: 937603

Ion Ratio Lower Upper

248 100

250 97.8 77.7 116.5

141 64.4 51.8 77.8



#68

Hexachlorobenzene

Concen: 61.581 ng

RT: 16.210 min Scan# 2318

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

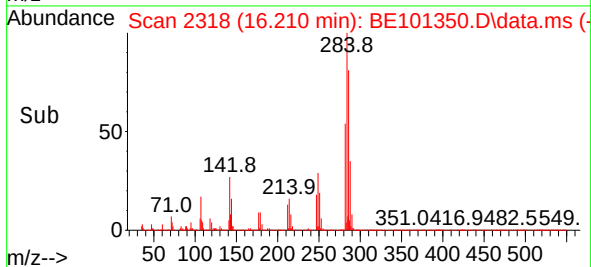
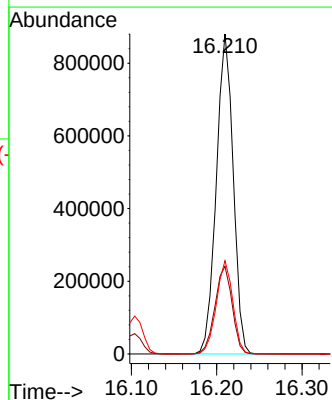
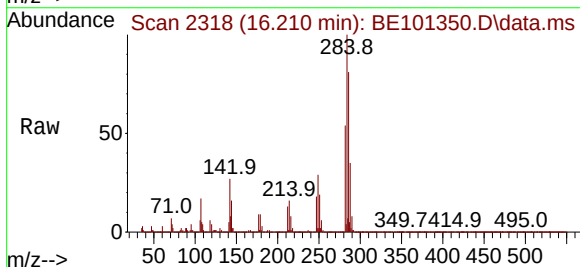
Tgt Ion:284 Resp: 1208892

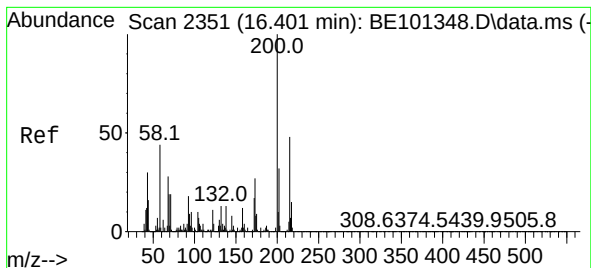
Ion Ratio Lower Upper

284 100

142 27.4 22.1 33.1

249 29.1 22.7 34.1





#69

Atrazine

Concen: 55.810 ng

RT: 16.404 min Scan# 2351

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

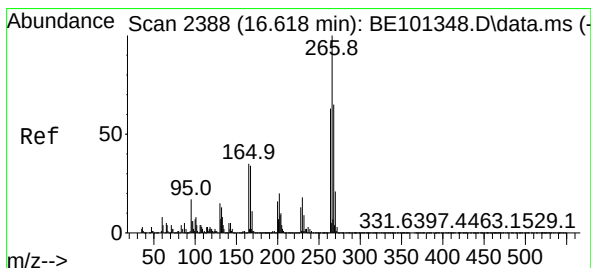
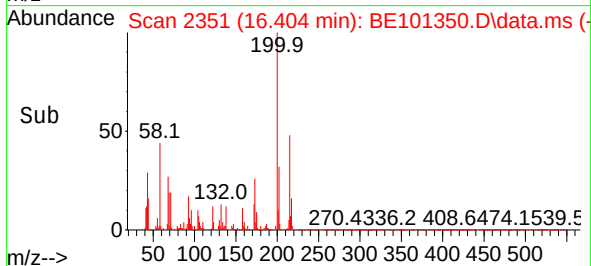
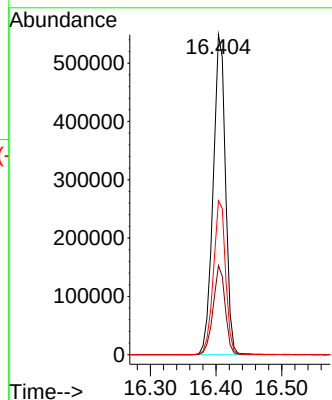
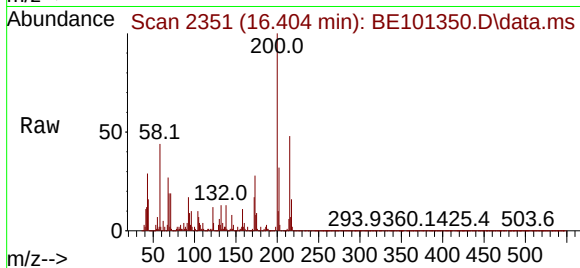
Tgt Ion:200 Resp: 718269

Ion Ratio Lower Upper

200 100

173 27.9 6.9 46.9

215 48.1 27.8 67.8



#70

Pentachlorophenol

Concen: 68.089 ng

RT: 16.615 min Scan# 2387

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

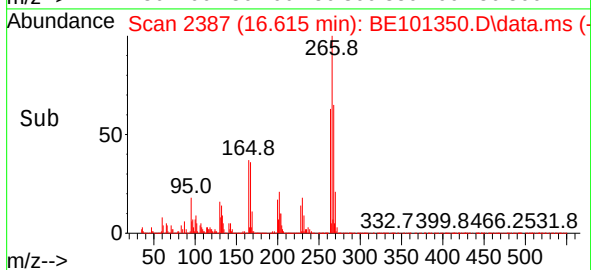
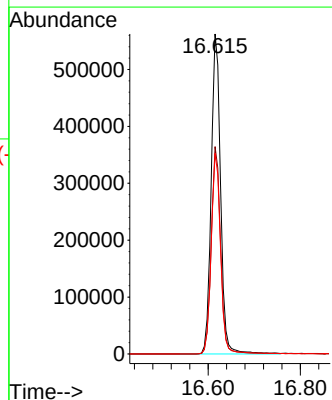
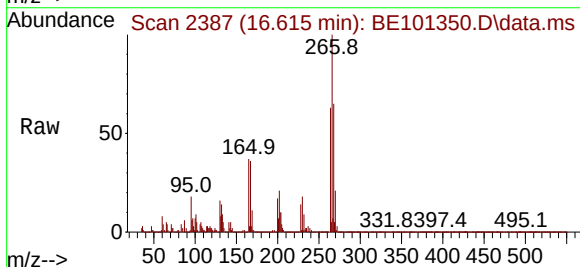
Tgt Ion:266 Resp: 798623

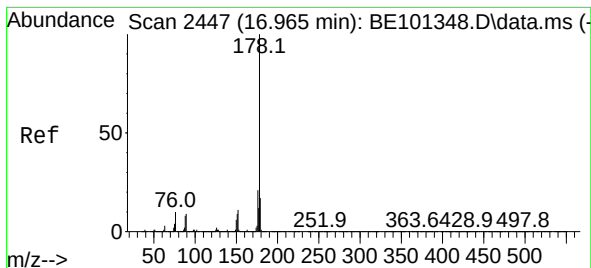
Ion Ratio Lower Upper

266 100

268 64.8 52.2 78.4

264 62.7 50.5 75.7





#71

Phenanthrene

Concen: 56.389 ng

RT: 16.968 min Scan# 2447

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

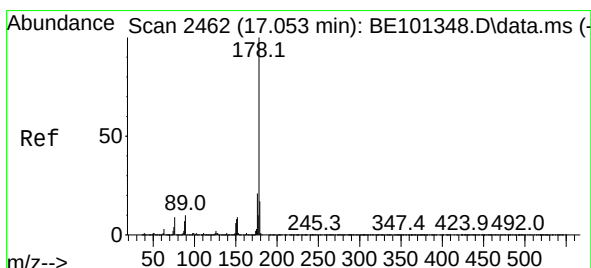
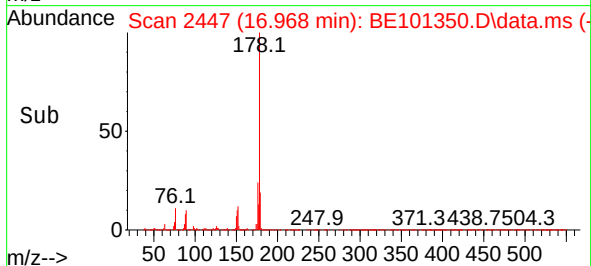
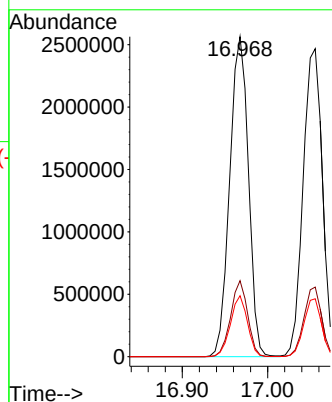
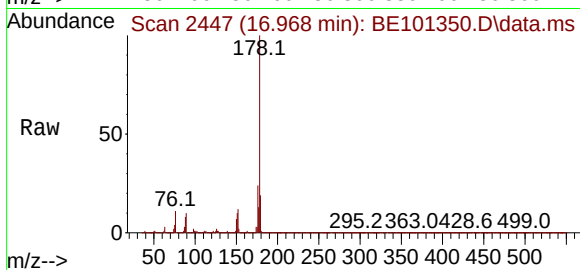
Tgt Ion:178 Resp: 3915804

Ion Ratio Lower Upper

178 100

176 23.8 16.8 25.2

179 19.0 13.3 19.9



#72

Anthracene

Concen: 57.597 ng

RT: 17.056 min Scan# 2462

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

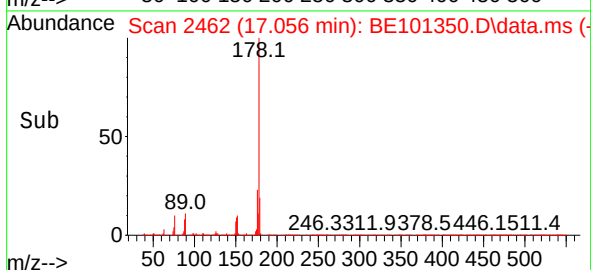
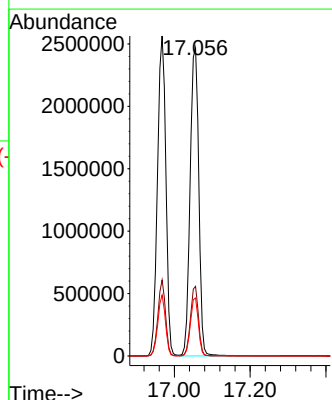
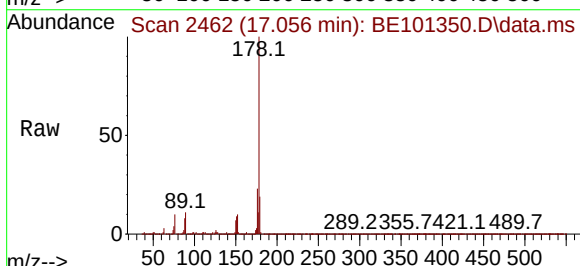
Tgt Ion:178 Resp: 3892210

Ion Ratio Lower Upper

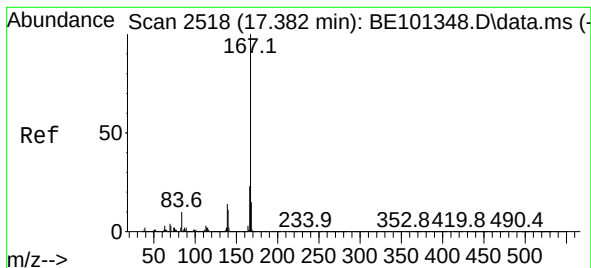
178 100

176 22.6 16.4 24.6

179 18.8 13.4 20.0







#73

Carbazole

Concen: 57.209 ng

RT: 17.385 min Scan# 2518

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

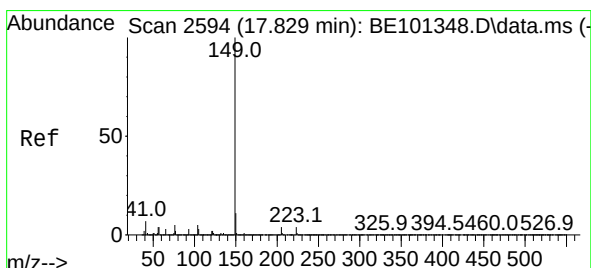
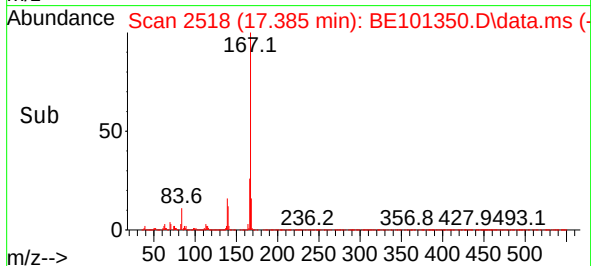
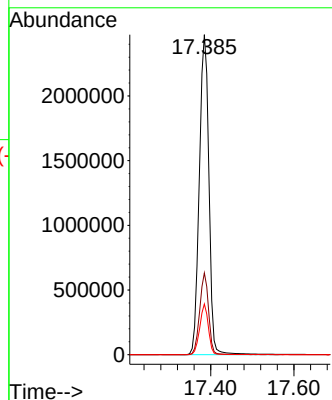
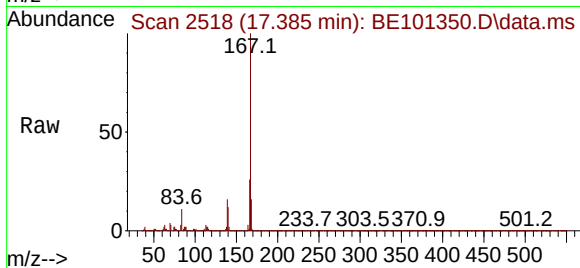
Tgt Ion:167 Resp: 3961789

Ion Ratio Lower Upper

167 100

166 25.6 18.4 27.6

139 15.9 11.1 16.7



#74

Di-n-butylphthalate

Concen: 55.284 ng

RT: 17.831 min Scan# 2594

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

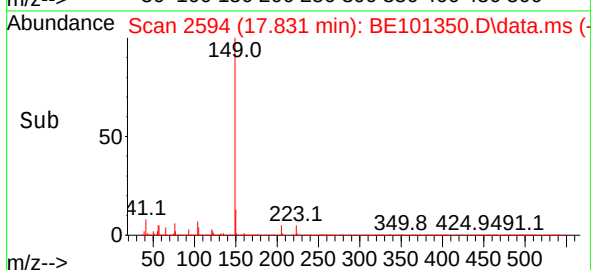
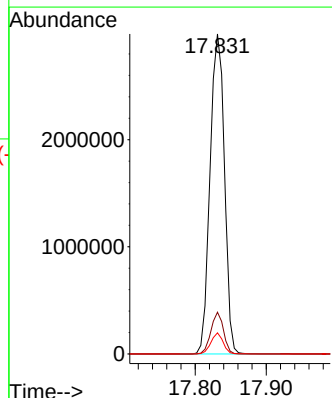
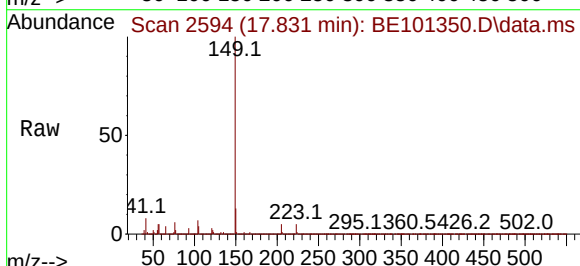
Tgt Ion:149 Resp: 4203631

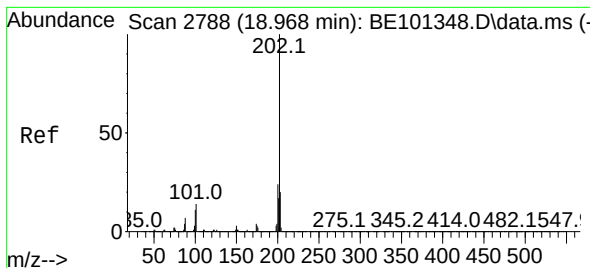
Ion Ratio Lower Upper

149 100

150 13.1 9.0 13.6

104 6.6 4.4 6.6#

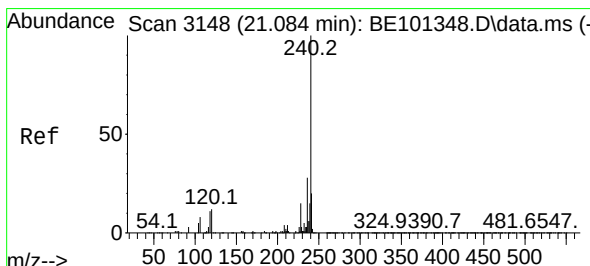
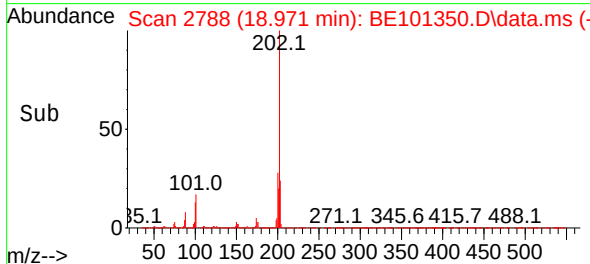
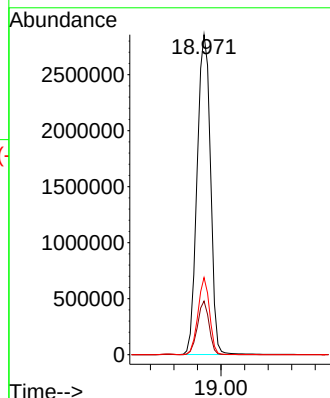
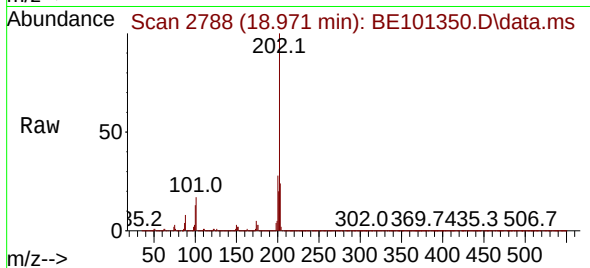




#75  
Fluoranthene  
Concen: 53.762 ng  
RT: 18.971 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

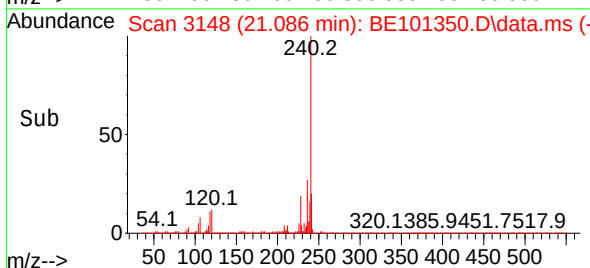
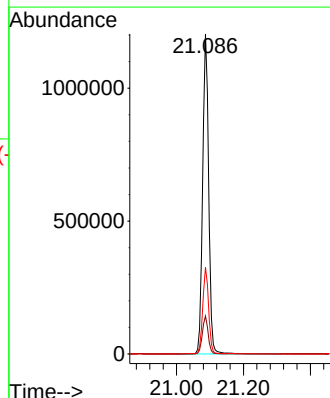
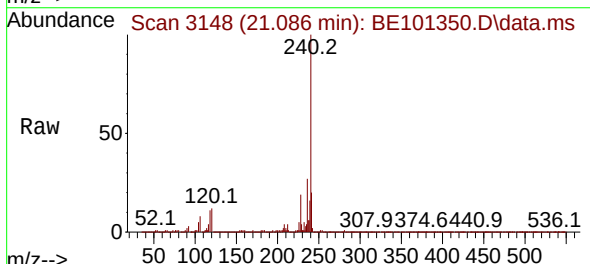
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

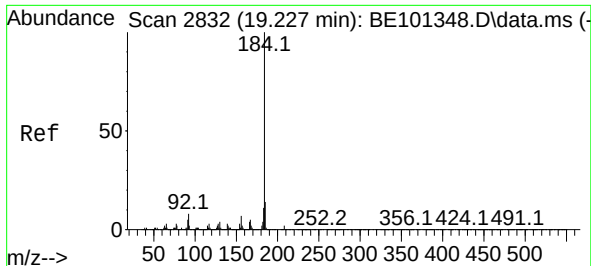
Tgt Ion:202 Resp: 4494407  
Ion Ratio Lower Upper  
202 100  
101 16.8 0.0 34.2  
203 24.1 0.4 40.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.086 min Scan# 3148  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:240 Resp: 1508475  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.8 14.8  
236 27.0 22.1 33.1

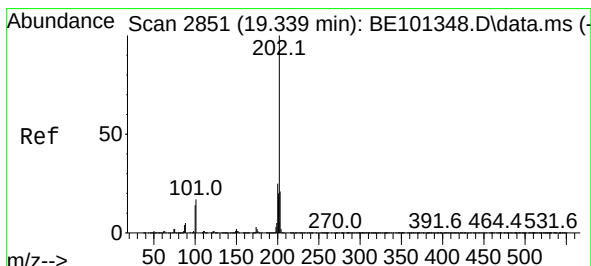
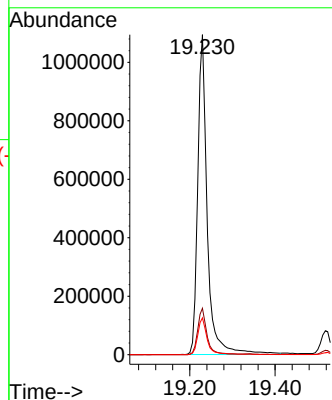
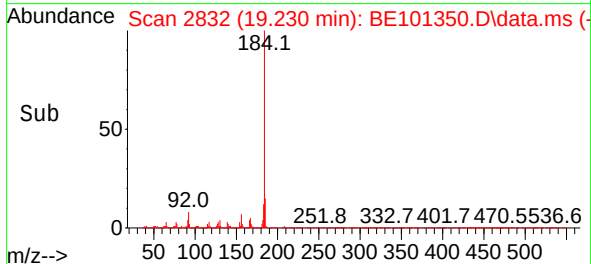
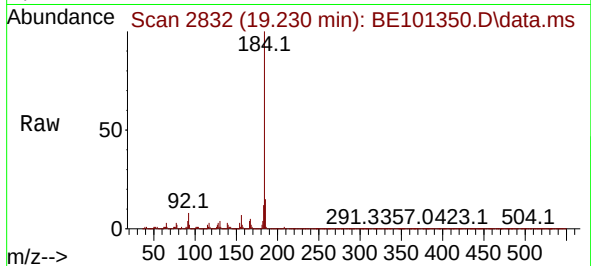




#77  
Benzidine  
Concen: 67.909 ng  
RT: 19.230 min Scan# 2832  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

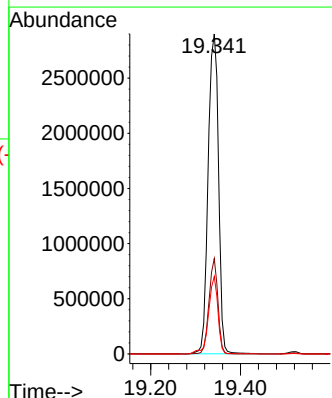
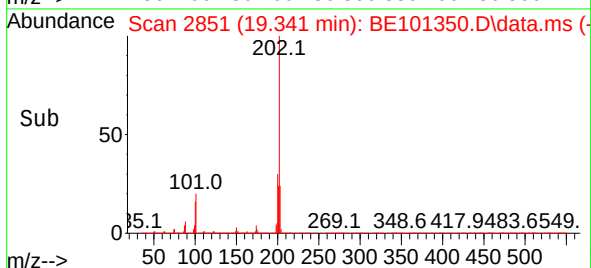
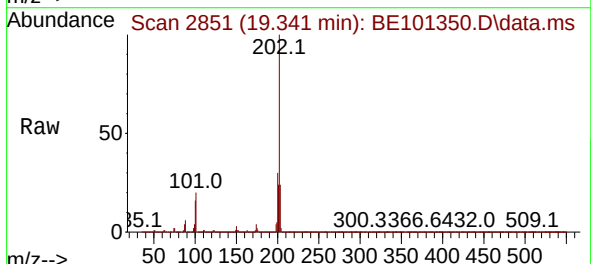
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC060

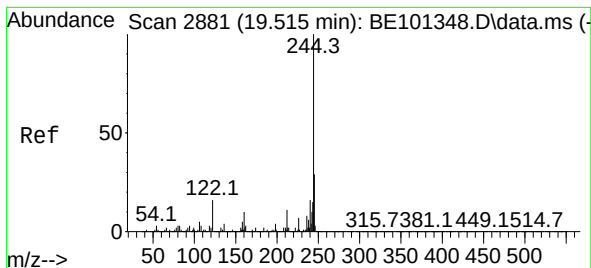
Tgt Ion:184 Resp: 1697503  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.4 17.2  
183 11.5 9.1 13.7



#78  
Pyrene  
Concen: 55.408 ng  
RT: 19.341 min Scan# 2851  
Delta R.T. 0.003 min  
Lab File: BE101350.D  
Acq: 17 Sep 2024 13:22

Tgt Ion:202 Resp: 4648561  
Ion Ratio Lower Upper  
202 100  
200 29.8 20.2 30.2  
203 24.2 16.6 25.0





#79

Terphenyl-d14

Concen: 85.912 ng

RT: 19.518 min Scan# 2881

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

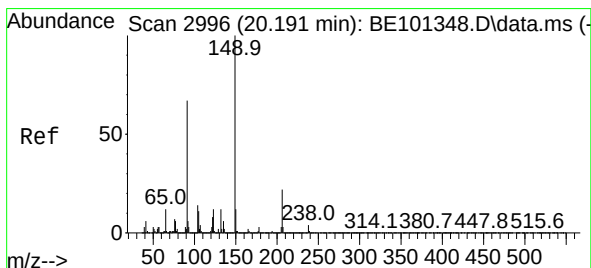
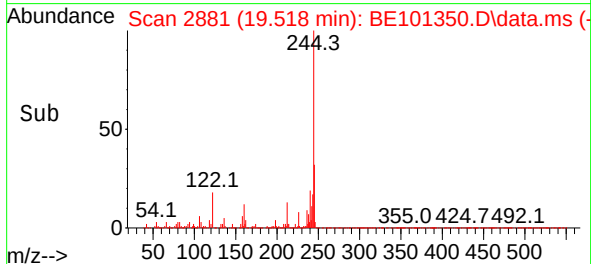
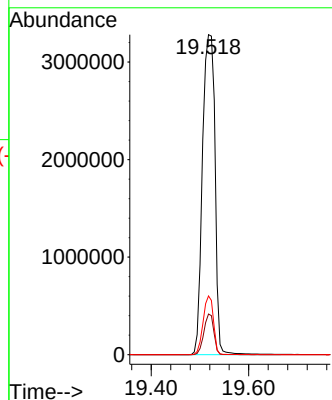
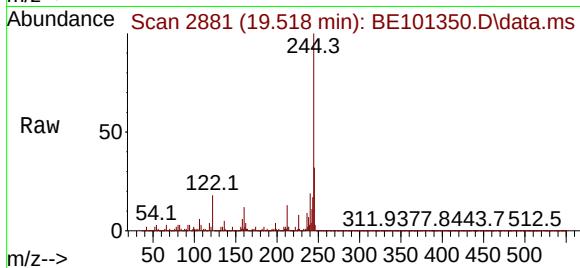
Tgt Ion:244 Resp: 5844686

Ion Ratio Lower Upper

244 100

212 12.7 8.5 12.7

122 18.4 13.1 19.7



#80

Butylbenzylphthalate

Concen: 61.732 ng

RT: 20.193 min Scan# 2996

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

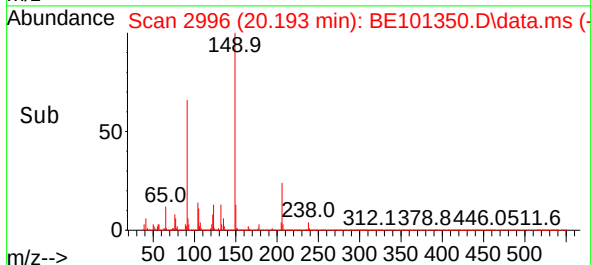
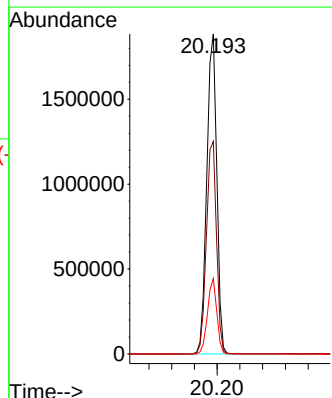
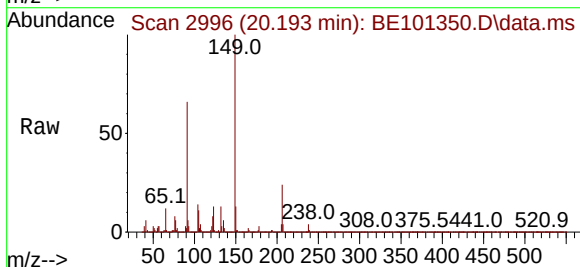
Tgt Ion:149 Resp: 2292655

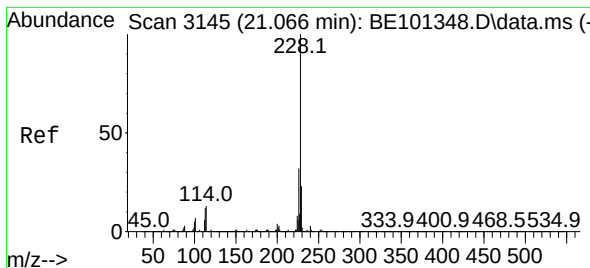
Ion Ratio Lower Upper

149 100

91 66.4 53.4 80.2

206 23.6 17.4 26.0





#81

Benzo(a)anthracene

Concen: 53.850 ng

RT: 21.069 min Scan# 3145

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

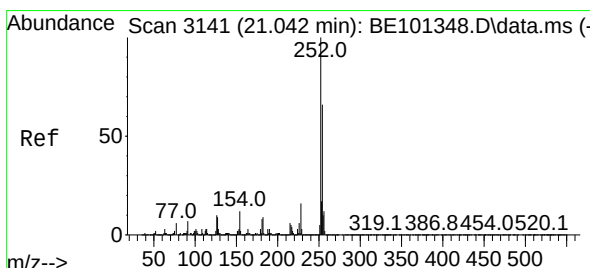
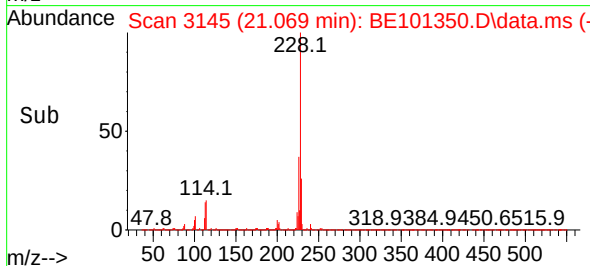
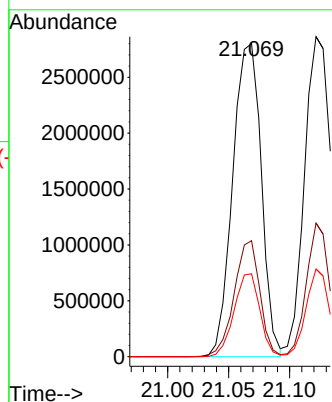
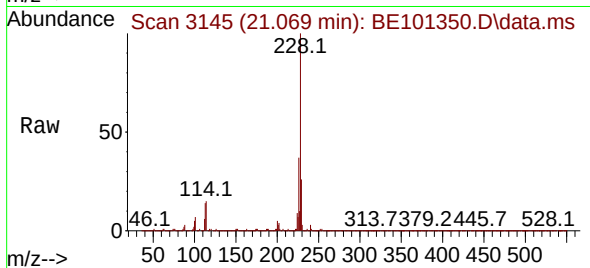
Tgt Ion:228 Resp: 4561804

Ion Ratio Lower Upper

228 100

226 37.1 25.7 38.5

229 26.5 18.6 28.0



#82

3,3'-Dichlorobenzidine

Concen: 62.489 ng

RT: 21.045 min Scan# 3141

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

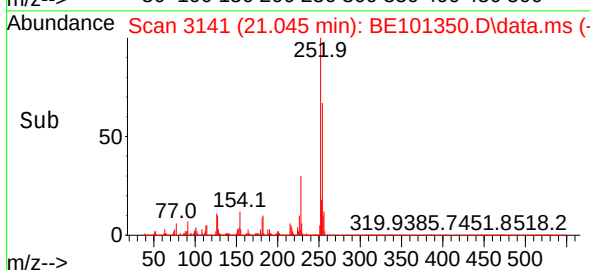
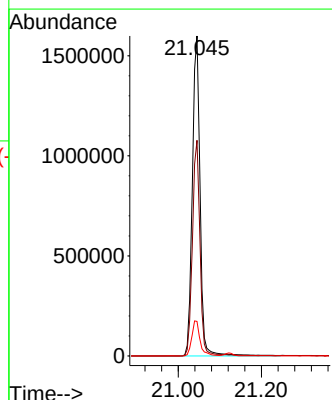
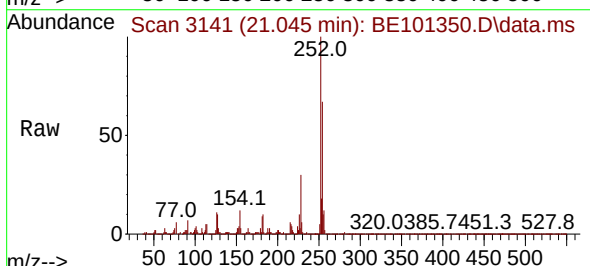
Tgt Ion:252 Resp: 2074233

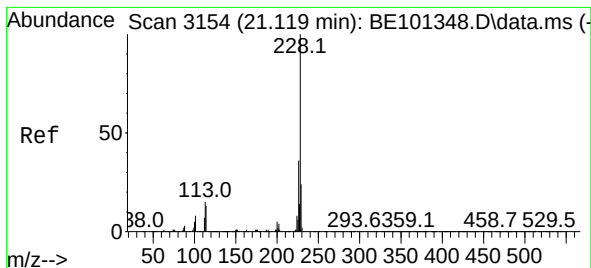
Ion Ratio Lower Upper

252 100

254 67.4 52.5 78.7

126 10.8 8.0 12.0





#83

Chrysene

Concen: 53.378 ng

RT: 21.122 min Scan# 3154

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

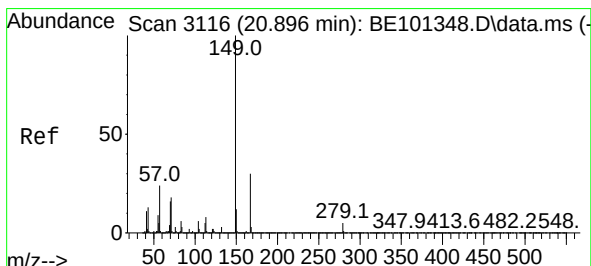
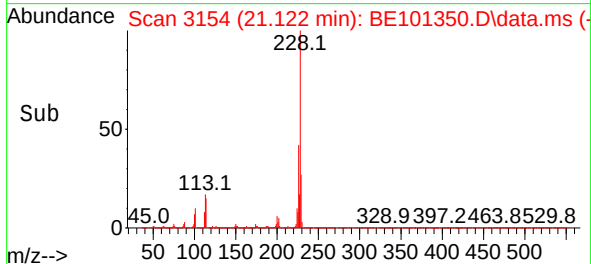
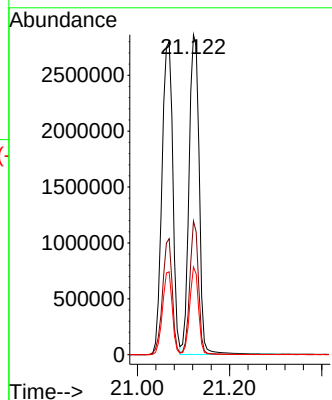
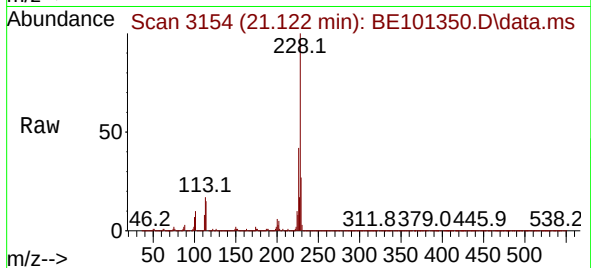
Tgt Ion:228 Resp: 4343814

Ion Ratio Lower Upper

228 100

226 41.8 28.4 42.6

229 27.4 19.0 28.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.440 ng

RT: 20.892 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

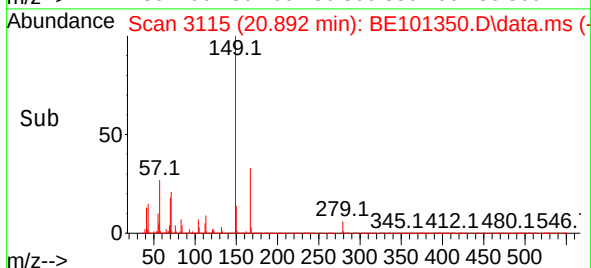
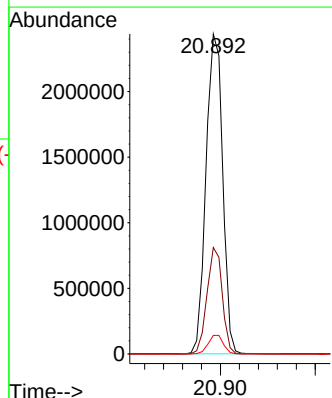
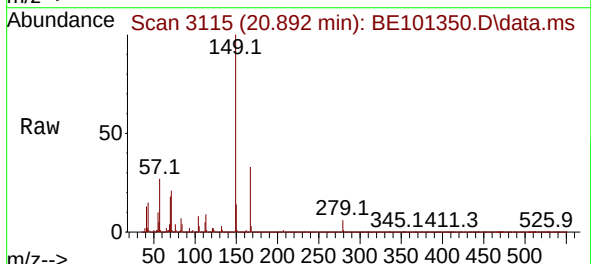
Tgt Ion:149 Resp: 2968456

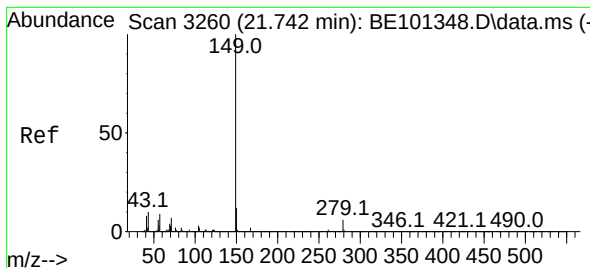
Ion Ratio Lower Upper

149 100

167 33.3 23.9 35.9

279 5.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 56.492 ng

RT: 21.744 min Scan# 31

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

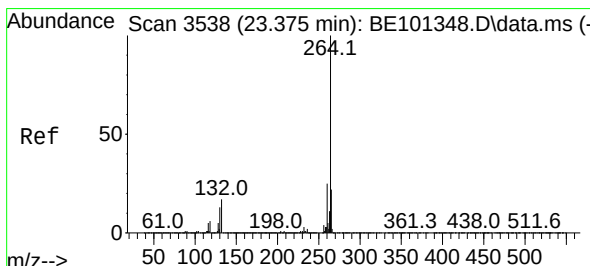
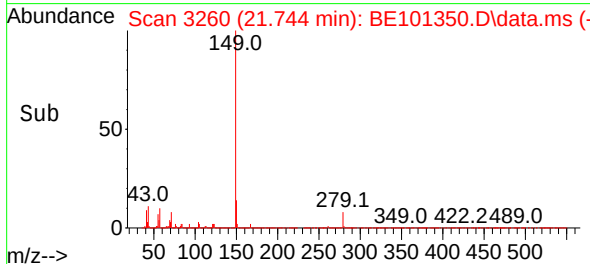
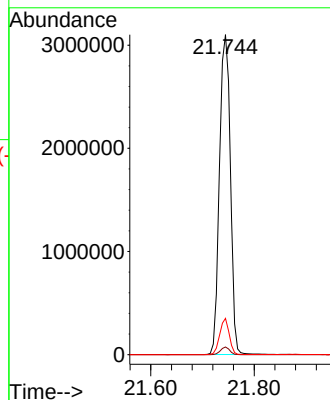
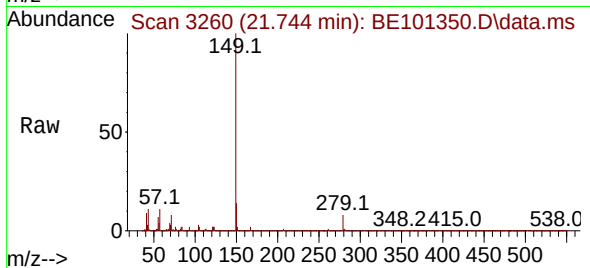
Tgt Ion:149 Resp: 4529015

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

43 9.9 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.378 min Scan# 3538

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

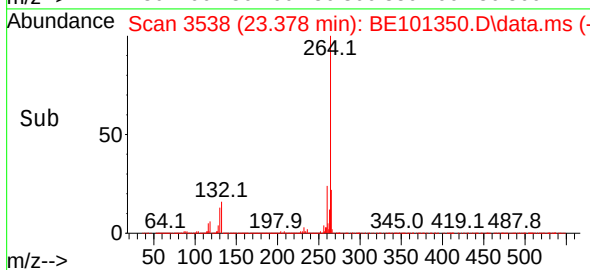
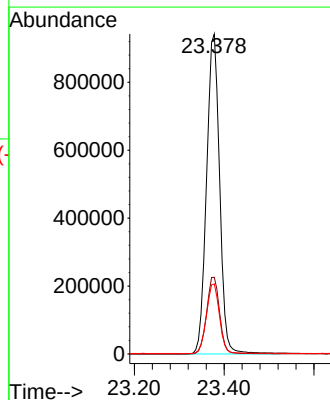
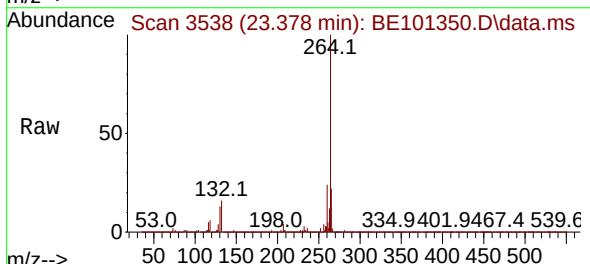
Tgt Ion:264 Resp: 1901105

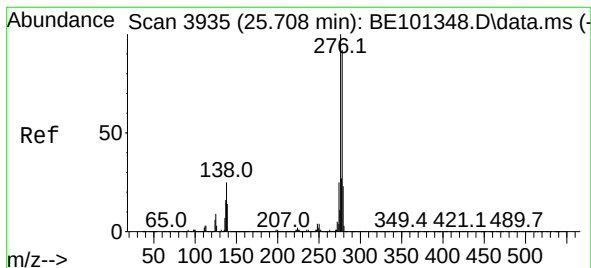
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.852 ng

RT: 25.716 min Scan# 3935

Delta R.T. 0.009 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

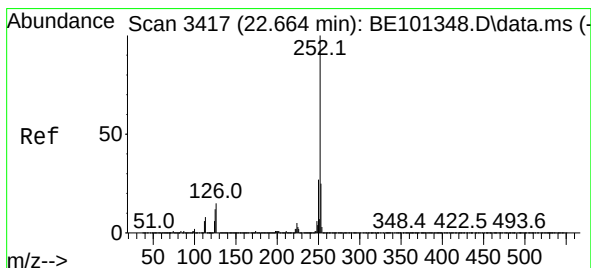
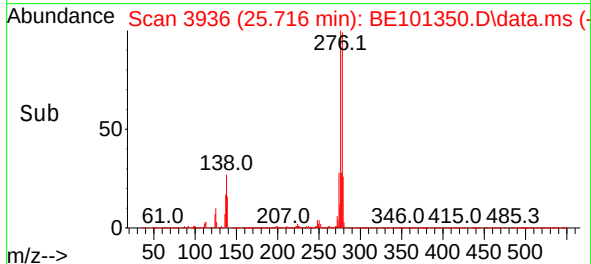
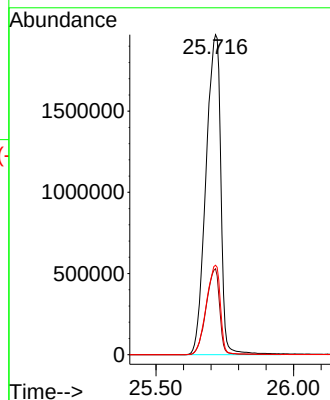
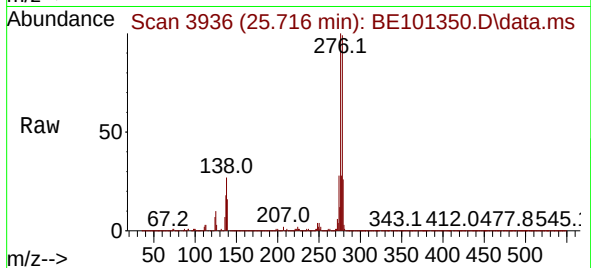
Tgt Ion:276 Resp: 7371191

Ion Ratio Lower Upper

276 100

138 24.4 19.2 28.8

277 26.6 20.8 31.2



#88

Benzo(b)fluoranthene

Concen: 56.094 ng

RT: 22.667 min Scan# 3417

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

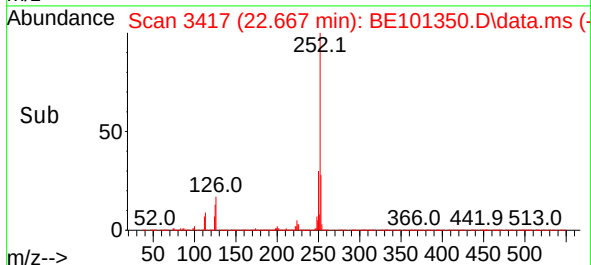
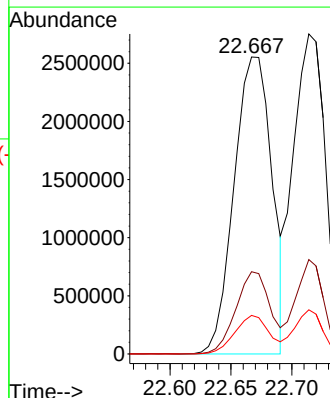
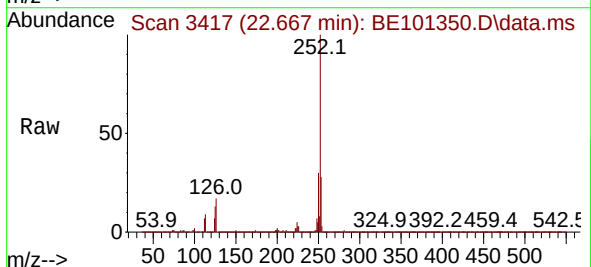
Tgt Ion:252 Resp: 5523145

Ion Ratio Lower Upper

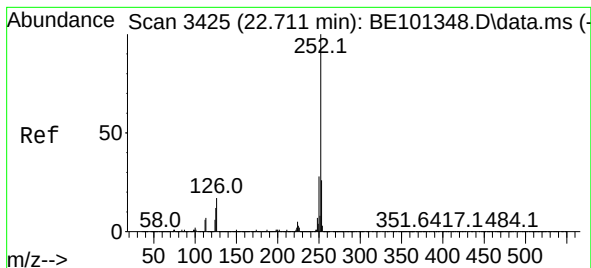
252 100

253 27.7 20.2 30.2

125 13.0 9.4 14.0







#89

Benzo(k)fluoranthene

Concen: 55.663 ng

RT: 22.714 min Scan# 3425

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

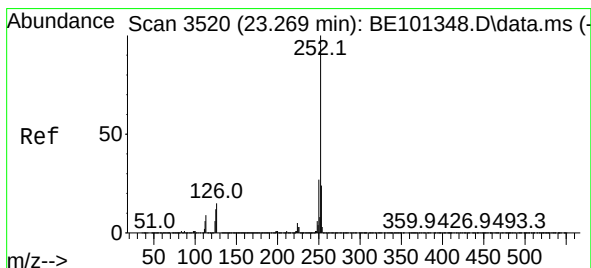
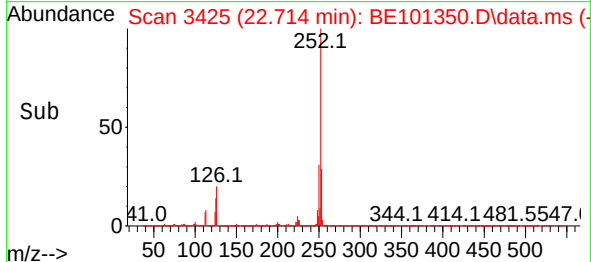
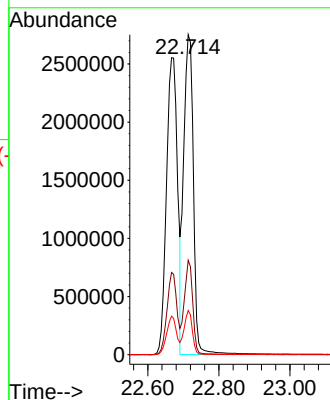
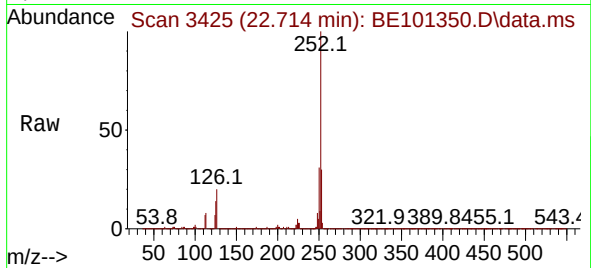
Tgt Ion:252 Resp: 5172748

Ion Ratio Lower Upper

252 100

253 29.5 20.2 30.4

125 13.8 9.4 14.0



#90

Benzo(a)pyrene

Concen: 58.348 ng

RT: 23.272 min Scan# 3520

Delta R.T. 0.003 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

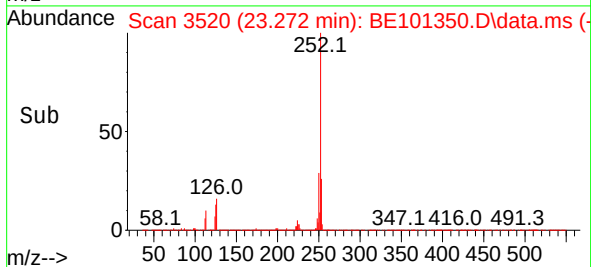
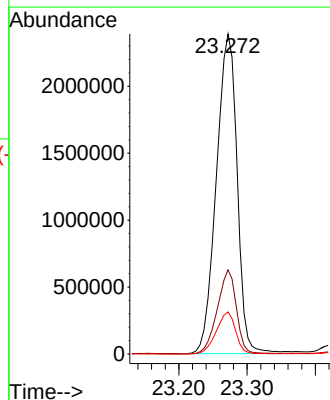
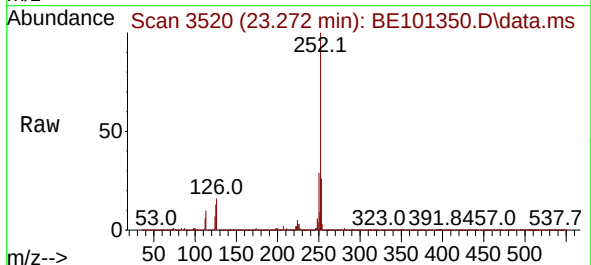
Tgt Ion:252 Resp: 5070215

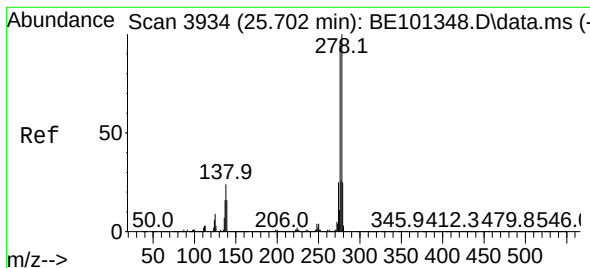
Ion Ratio Lower Upper

252 100

253 26.3 19.0 28.6

125 13.2 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 58.667 ng

RT: 25.710 min Scan# 3935

Delta R.T. 0.009 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Instrument :

BNA\_E

ClientSampleId :

SSTDICC060

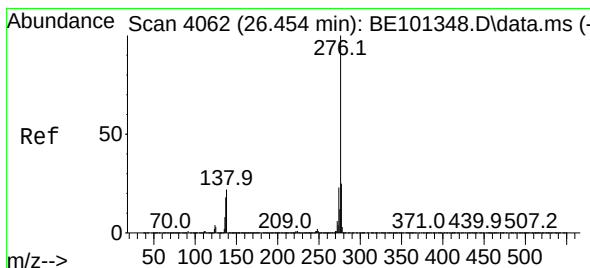
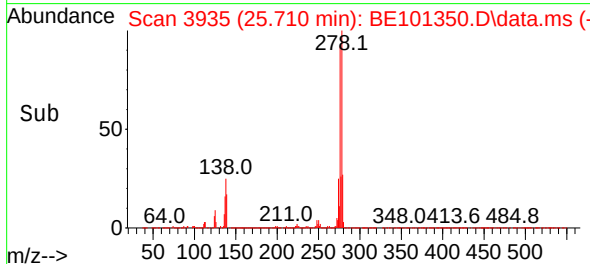
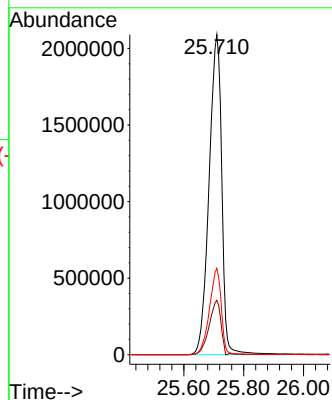
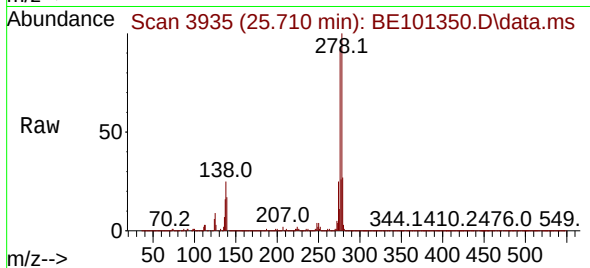
Tgt Ion:278 Resp: 6151968

Ion Ratio Lower Upper

278 100

139 17.0 12.4 18.6

279 26.9 19.8 29.8



#92

Benzo(g,h,i)perylene

Concen: 60.206 ng

RT: 26.468 min Scan# 4064

Delta R.T. 0.014 min

Lab File: BE101350.D

Acq: 17 Sep 2024 13:22

Tgt Ion:276 Resp: 6410477

Ion Ratio Lower Upper

276 100

277 26.1 19.8 29.8

138 21.9 17.4 26.0

