

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE091724\  
 Data File : BE101351.D  
 Acq On : 17 Sep 2024 13:58  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 17 15:49:01 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     | 7.577  | 152  | 183203   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.344 | 136  | 919116   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.186 | 164  | 664525   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.924 | 188  | 1453596  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.090 | 240  | 1472365  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.376 | 264  | 1885586  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.326  | 112  | 1645639  | 157.056 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.960  | 99   | 2430158  | 163.604 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.793  | 82   | 2367172  | 163.281 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.702 | 330  | 1758939  | 157.371 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.812 | 172  | 5063261  | 131.668 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.521 | 244  | 6537933  | 98.459  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.205  | 88   | 296516   | 74.318  | ng    | 98       |
| 3) Pyridine                   | 3.634  | 79   | 785456   | 67.708  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.552  | 42   | 336967   | 81.189  | ng    | 99       |
| 6) Aniline                    | 7.018  | 93   | 1035668  | 83.105  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.224  | 128  | 1010687  | 80.272  | ng    | 98       |
| 9) Benzaldehyde               | 6.783  | 77   | 421278   | 61.710  | ng    | 98       |
| 10) Phenol                    | 6.989  | 94   | 1365869  | 83.657  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.048  | 93   | 1035690  | 74.946  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.465  | 146  | 1014037  | 74.937  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.612  | 146  | 1033091  | 74.931  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.941  | 146  | 1031744  | 75.521  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.917  | 79   | 765058   | 86.499  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.082  | 45   | 1316402  | 75.590  | ng    | 97       |
| 17) 2-Methylphenol            | 8.164  | 107  | 892773   | 82.525  | ng    | 99       |
| 18) Hexachloroethane          | 8.634  | 117  | 355424   | 78.827  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.387  | 70   | 886294   | 84.542  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.505  | 107  | 1266157  | 83.178  | ng    | 99       |
| 22) Acetophenone              | 8.434  | 105  | 1688631  | 79.229  | ng    | # 99     |
| 24) Nitrobenzene              | 8.834  | 77   | 1251746  | 80.873  | ng    | 98       |
| 25) Isophorone                | 9.286  | 82   | 2407128  | 81.106  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.515  | 139  | 655112   | 89.682  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.639  | 122  | 776524   | 82.804  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.786  | 93   | 1422065  | 79.215  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.068 | 162  | 1072712  | 83.532  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.191 | 180  | 1087185  | 78.332  | ng    | 99       |
| 31) Naphthalene               | 10.397 | 128  | 3468494  | 74.791  | ng    | 97       |
| 32) Benzoic acid              | 9.950  | 122  | 876786   | 81.636  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.626 | 127  | 1445433  | 81.466  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.644 | 225  | 630132   | 78.146  | ng    | 100      |
| 35) Caprolactam               | 11.437 | 113  | 310632   | 59.547  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.801 | 107  | 1252034  | 82.510  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 11.983 | 142  | 2593475  | 76.466  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.212 | 142  | 2581857  | 75.877  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.342 | 216  | 1283250  | 80.163  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.324 | 237  | 455663   | 86.631  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.665 | 196  | 953365   | 84.093  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 17 15:24:04 2024  
 Response via : Initial Calibration

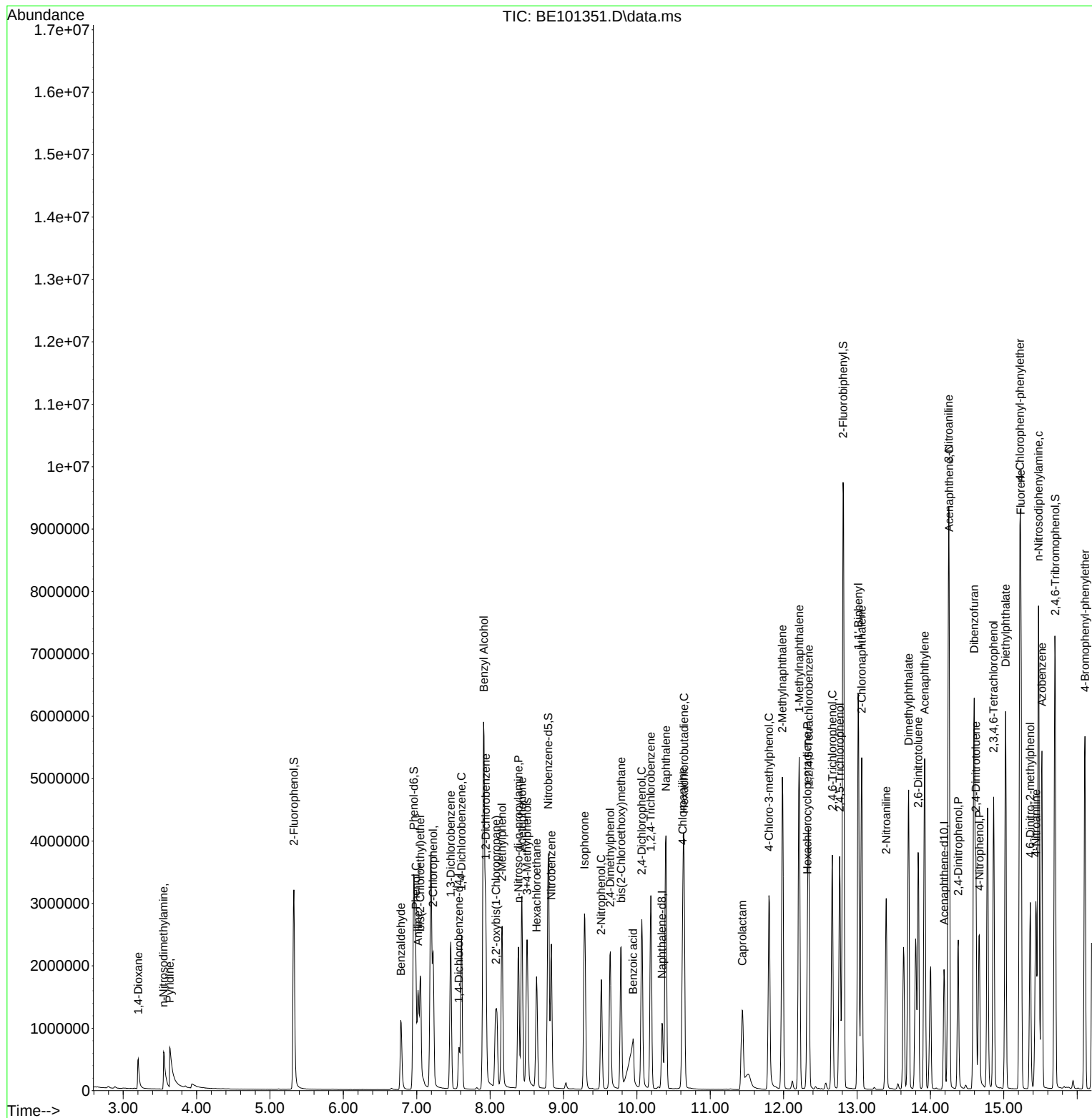
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.765 | 196  | 1077467  | 84.235 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.017 | 154  | 3321857  | 73.768 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.064 | 162  | 2708139  | 76.451 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.399 | 65   | 845389   | 88.703 | ng    | 96       |
| 49) Acenaphthylene            | 13.922 | 152  | 3917069  | 74.108 | ng    | 95       |
| 50) Dimethylphthalate         | 13.705 | 163  | 3410237  | 71.119 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.834 | 165  | 874486   | 81.491 | ng    | 100      |
| 52) Acenaphthene              | 14.257 | 154  | 2563215  | 73.566 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 925715   | 83.861 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.380 | 184  | 579719   | 90.750 | ng    | 99       |
| 55) Dibenzofuran              | 14.598 | 168  | 3895973  | 70.790 | ng    | 94       |
| 56) 4-Nitrophenol             | 14.668 | 139  | 792601   | 86.367 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.621 | 165  | 1231844  | 84.323 | ng    | 98       |
| 58) Fluorene                  | 15.232 | 166  | 3273695  | 70.596 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.862 | 232  | 970909   | 80.263 | ng    | 100      |
| 60) Diethylphthalate          | 15.027 | 149  | 3459626  | 69.541 | ng    | # 92     |
| 61) 4-Chlorophenyl-phenyle... | 15.220 | 204  | 1688953  | 74.252 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.438 | 138  | 979554   | 85.149 | ng    | 99       |
| 63) Azobenzene                | 15.520 | 77   | 3071395  | 72.246 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.361 | 198  | 743886   | 90.124 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.473 | 169  | 2912140  | 75.160 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.108 | 248  | 1213325  | 80.348 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.213 | 284  | 1554670  | 79.660 | ng    | 99       |
| 69) Atrazine                  | 16.407 | 200  | 879920   | 68.773 | ng    | 99       |
| 70) Pentachlorophenol         | 16.619 | 266  | 1034354  | 88.706 | ng    | 100      |
| 71) Phenanthrene              | 16.971 | 178  | 4642634  | 67.248 | ng    | # 89     |
| 72) Anthracene                | 17.054 | 178  | 4634961  | 68.992 | ng    | # 89     |
| 73) Carbazole                 | 17.389 | 167  | 4765403  | 69.218 | ng    | # 90     |
| 74) Di-n-butylphthalate       | 17.835 | 149  | 4899498  | 64.814 | ng    | # 93     |
| 75) Fluoranthene              | 18.975 | 202  | 5145285  | 61.909 | ng    | 87       |
| 77) Benzidine                 | 19.228 | 184  | 1210538  | 49.615 | ng    | 99       |
| 78) Pyrene                    | 19.345 | 202  | 5366490  | 65.534 | ng    | # 86     |
| 80) Butylbenzylphthalate      | 20.191 | 149  | 2772210  | 76.476 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.067 | 228  | 5269556  | 63.730 | ng    | # 85     |
| 82) 3,3'-Dichlorobenzidine    | 21.043 | 252  | 2418970  | 74.662 | ng    | 96       |
| 83) Chrysene                  | 21.125 | 228  | 5003718  | 62.996 | ng    | # 85     |
| 84) Bis(2-ethylhexyl)phtha... | 20.896 | 149  | 3544433  | 73.937 | ng    | # 89     |
| 85) Di-n-octyl phthalate      | 21.748 | 149  | 5221565  | 66.727 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.738 | 276  | 9153249  | 73.681 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.676 | 252  | 6564281  | 67.217 | ng    | # 91     |
| 89) Benzo(k)fluoranthene      | 22.723 | 252  | 6125199  | 66.454 | ng    | # 89     |
| 90) Benzo(a)pyrene            | 23.276 | 252  | 6187233  | 71.789 | ng    | # 92     |
| 91) Dibenzo(a,h)anthracene    | 25.726 | 278  | 7457583  | 71.703 | ng    | 94       |
| 92) Benzo(g,h,i)perylene      | 26.478 | 276  | 7998138  | 75.736 | ng    | 96       |

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

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Sample : SSTDICC080  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

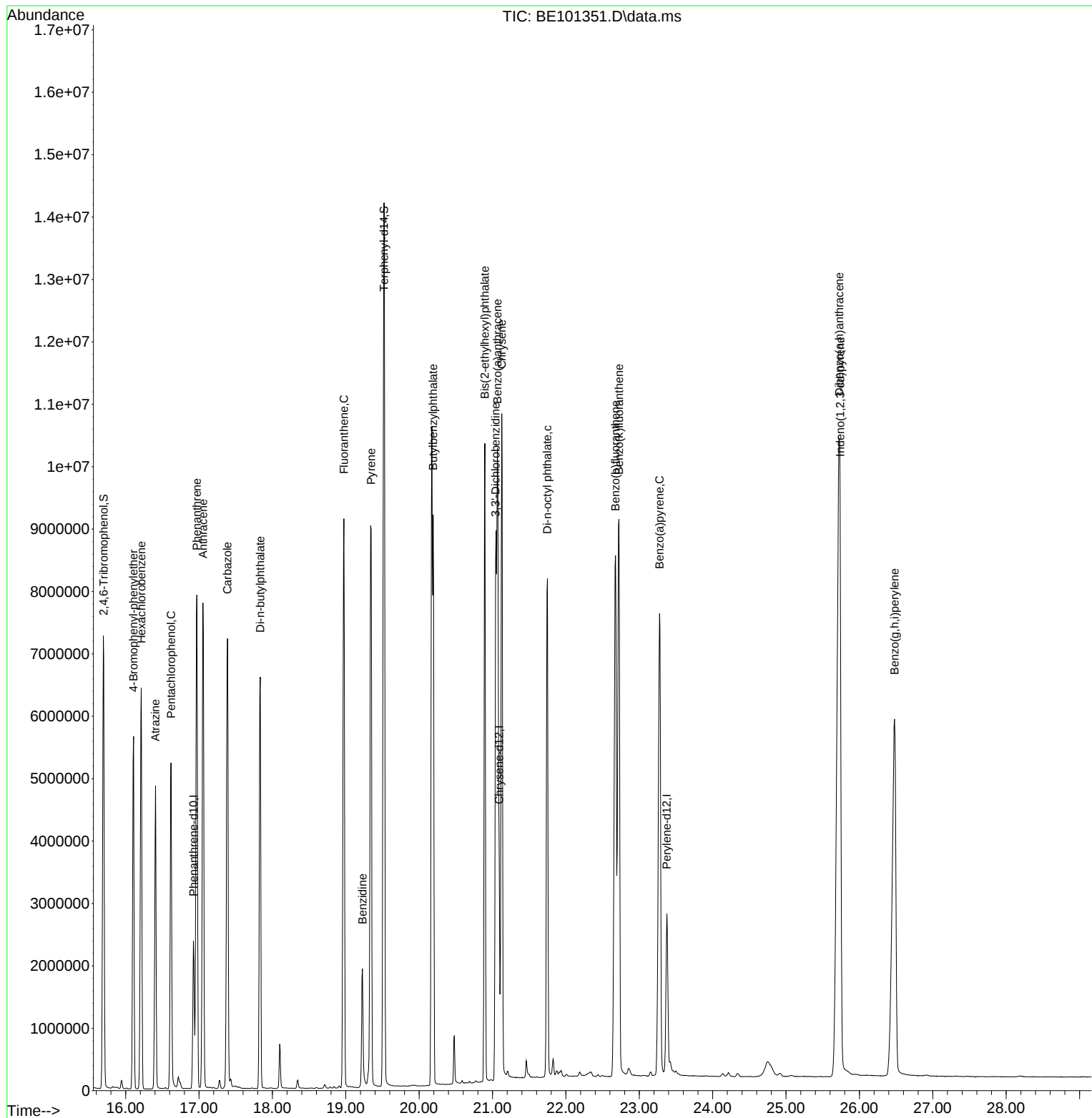
Quant Time: Sep 17 15:49:01 2024  
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QLast Update : Tue Sep 17 15:24:04 2024  
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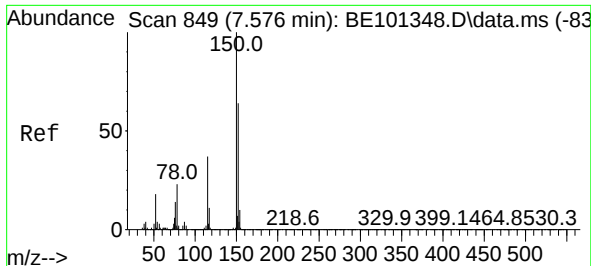


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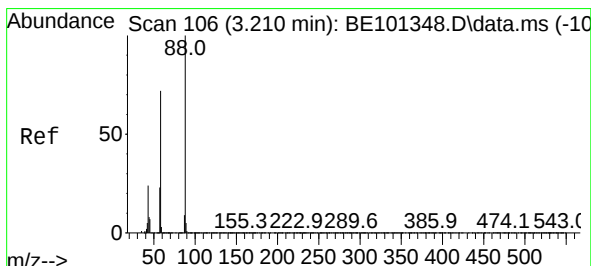
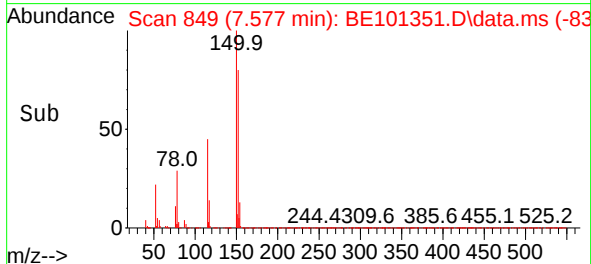
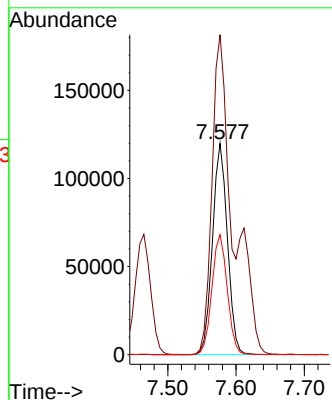
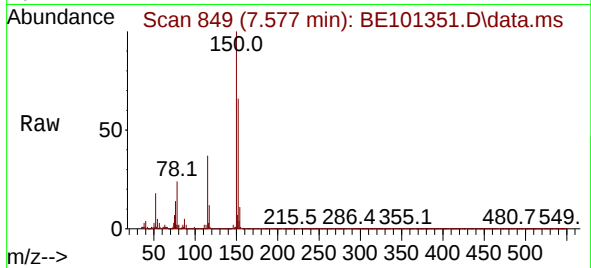




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.577 min Scan# 849  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

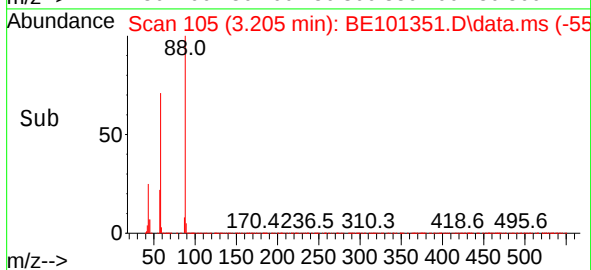
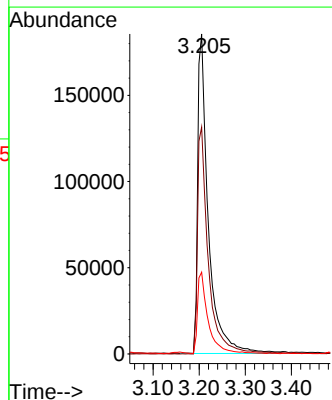
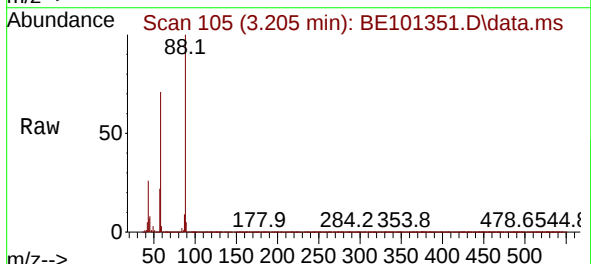
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

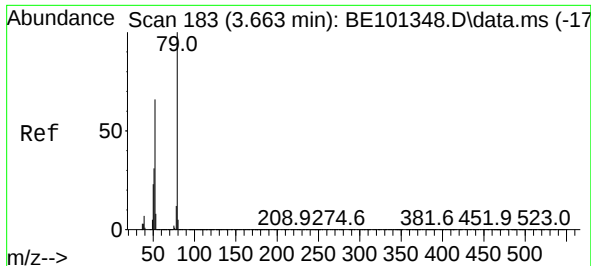
Tgt Ion:152 Resp: 183203  
Ion Ratio Lower Upper  
152 100  
150 151.5 125.9 188.9  
115 56.8 46.9 70.3



#2  
1,4-Dioxane  
Concen: 74.318 ng  
RT: 3.205 min Scan# 105  
Delta R.T. -0.005 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 88 Resp: 296516  
Ion Ratio Lower Upper  
88 100  
58 71.8 58.8 88.2  
43 25.2 19.4 29.2

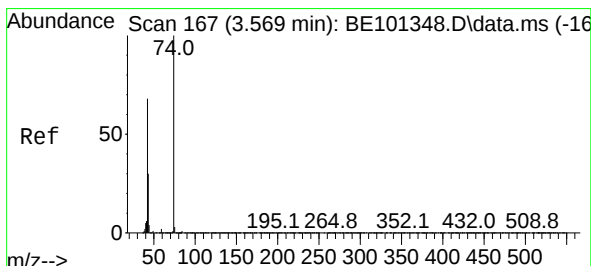
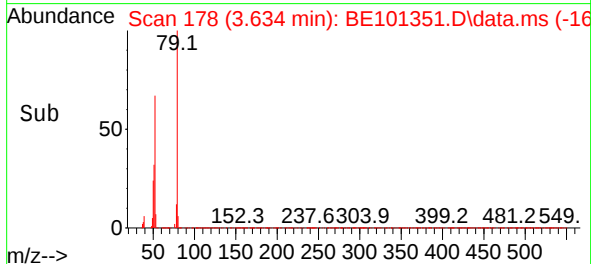
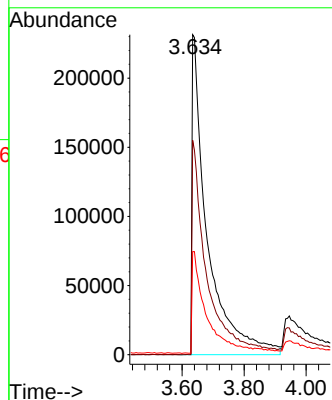
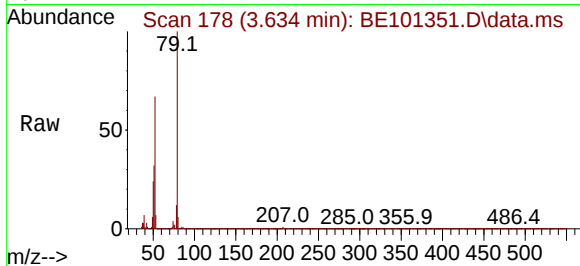




#3  
Pyridine  
Concen: 67.708 ng  
RT: 3.634 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

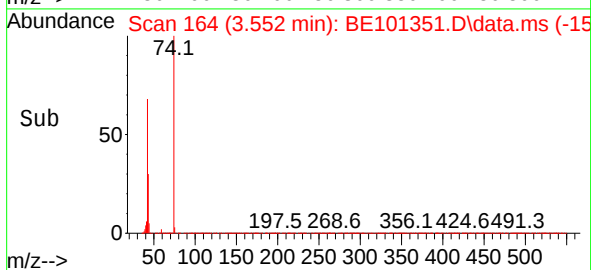
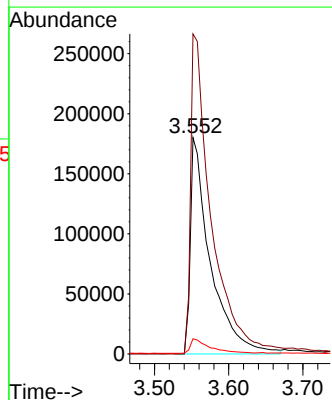
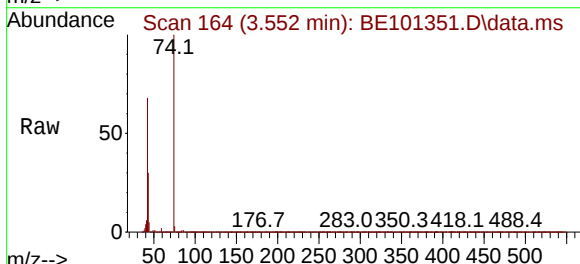
Instrument :  
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SSTDICC080

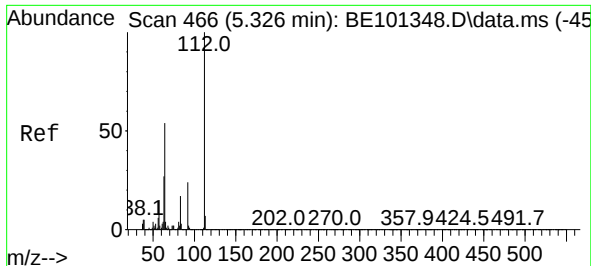
Tgt Ion: 79 Resp: 785456  
Ion Ratio Lower Upper  
79 100  
52 67.0 52.6 78.8  
51 32.2 26.2 39.2



#4  
n-Nitrosodimethylamine  
Concen: 81.189 ng  
RT: 3.552 min Scan# 164  
Delta R.T. -0.017 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 42 Resp: 336967  
Ion Ratio Lower Upper  
42 100  
74 147.9 117.0 175.4  
44 7.0 5.9 8.9

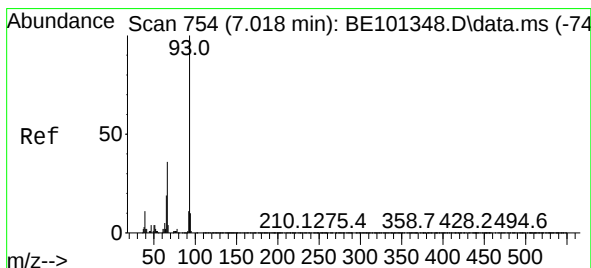
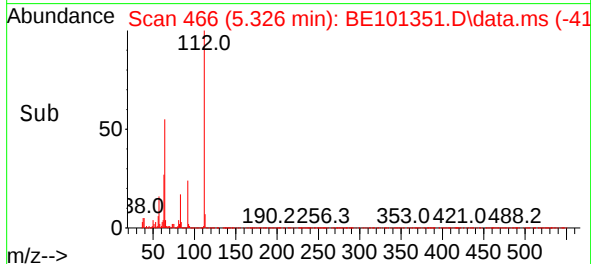
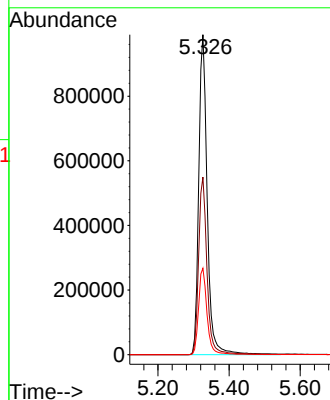
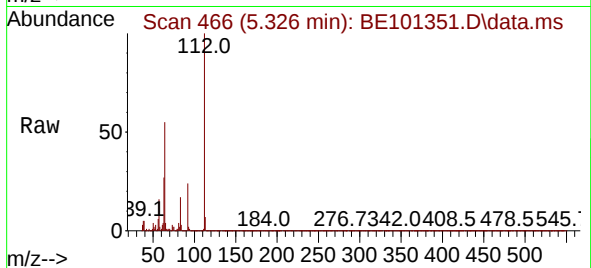




#5  
2-Fluorophenol  
Concen: 157.056 ng  
RT: 5.326 min Scan# 466  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

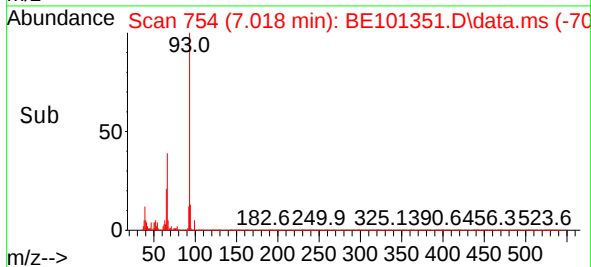
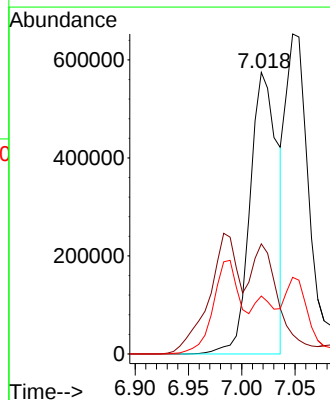
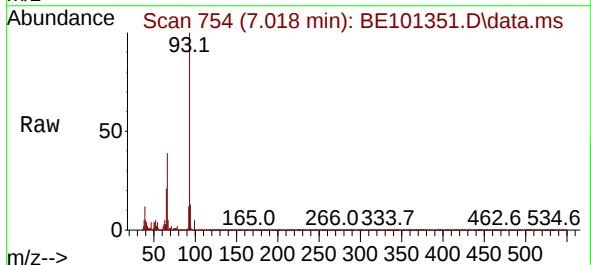
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

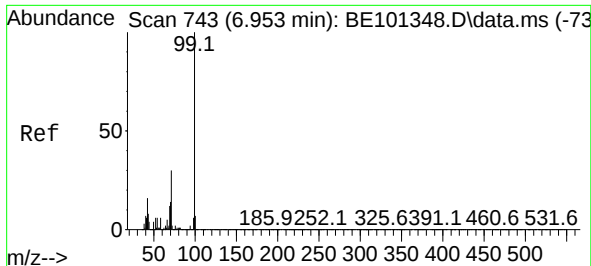
Tgt Ion:112 Resp: 1645639  
Ion Ratio Lower Upper  
112 100  
64 55.5 42.8 64.2  
63 27.0 21.3 31.9



#6  
Aniline  
Concen: 83.105 ng  
RT: 7.018 min Scan# 754  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 93 Resp: 1035668  
Ion Ratio Lower Upper  
93 100  
66 39.1 30.0 45.0  
65 20.6 15.8 23.8





#7

Phenol-d6

Concen: 163.604 ng

RT: 6.960 min Scan# 744

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

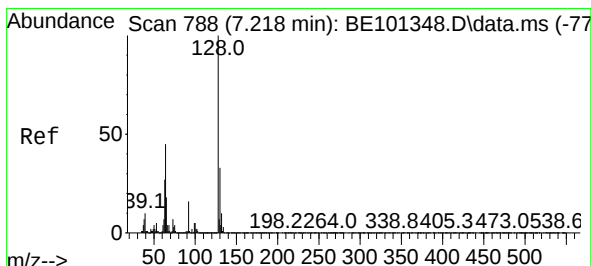
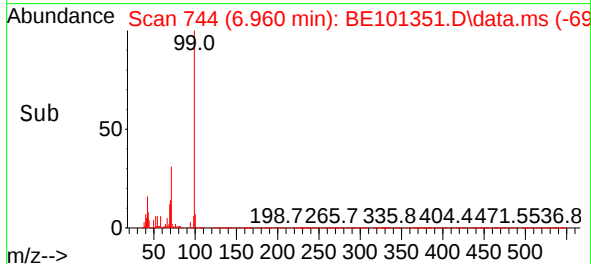
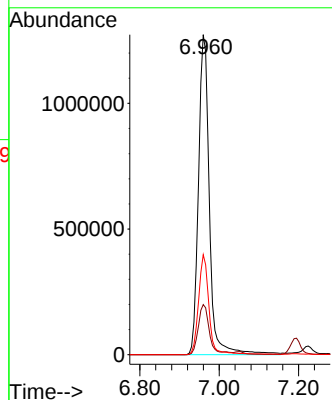
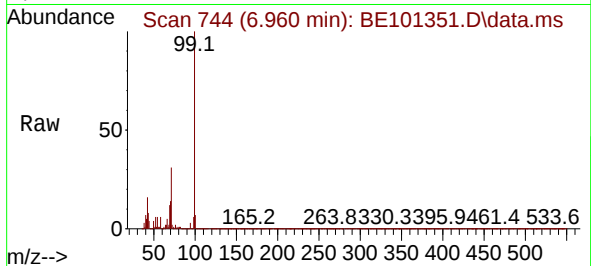
Tgt Ion: 99 Resp: 2430158

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 31.3 23.8 35.6



#8

2-Chlorophenol

Concen: 80.272 ng

RT: 7.224 min Scan# 789

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

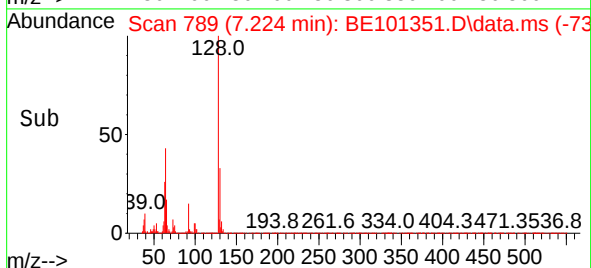
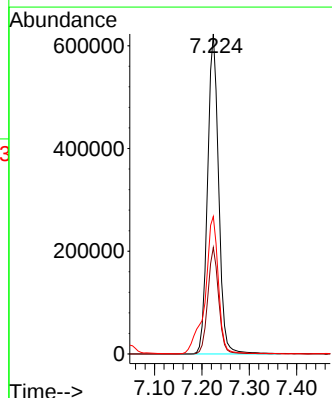
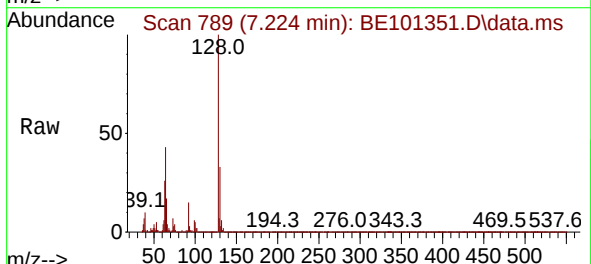
Tgt Ion:128 Resp: 1010687

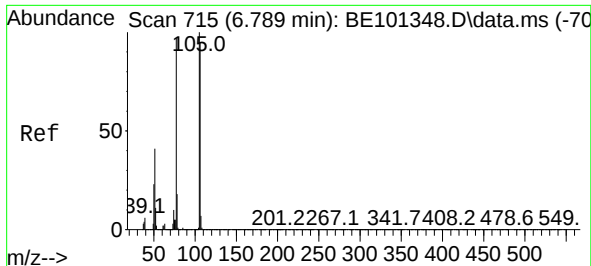
Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

64 42.9 24.9 64.9





#9

Benzaldehyde

Concen: 61.710 ng

RT: 6.783 min Scan# 714

Delta R.T. -0.005 min

Lab File: BE101351.D

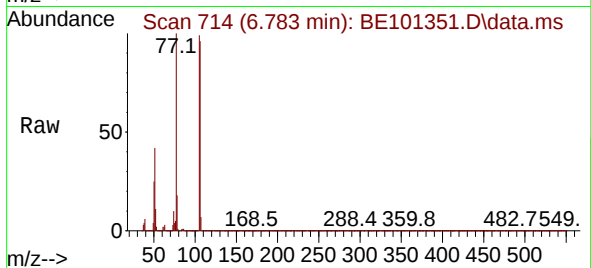
Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

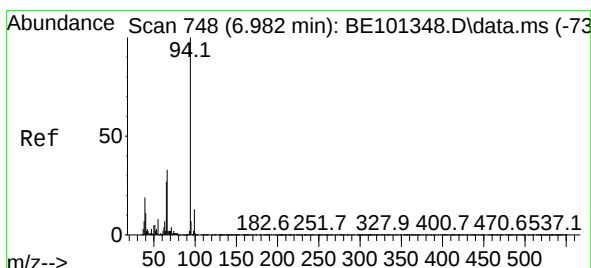
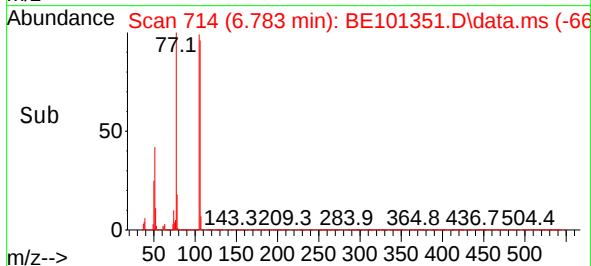
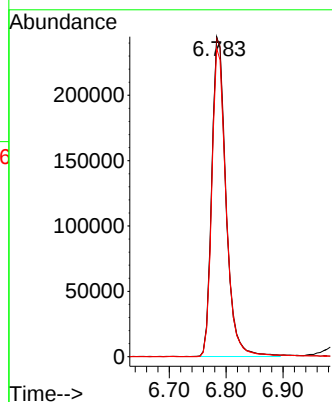
ClientSampleId :

SSTDICC080



Tgt Ion: 77 Resp: 421278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 99.5  | 82.8  | 122.8 |
| 106 | 96.3  | 77.9  | 117.9 |



#10

Phenol

Concen: 83.657 ng

RT: 6.989 min Scan# 749

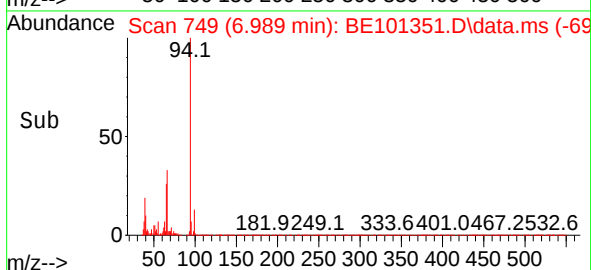
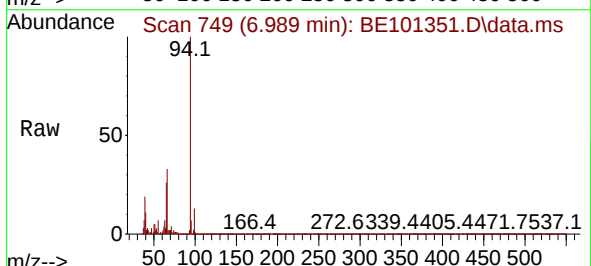
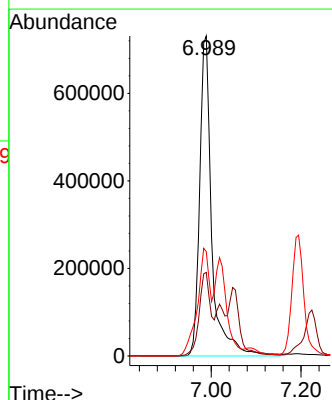
Delta R.T. 0.006 min

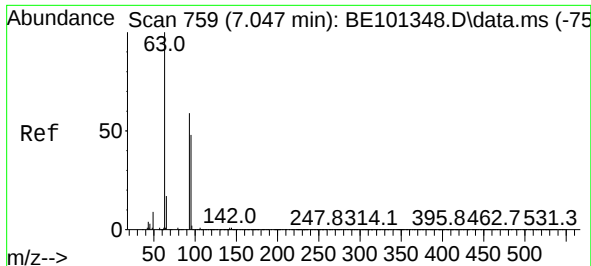
Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Tgt Ion: 94 Resp: 1365869

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.1  | 7.1   | 47.1  |
| 66  | 32.6  | 13.1  | 53.1  |

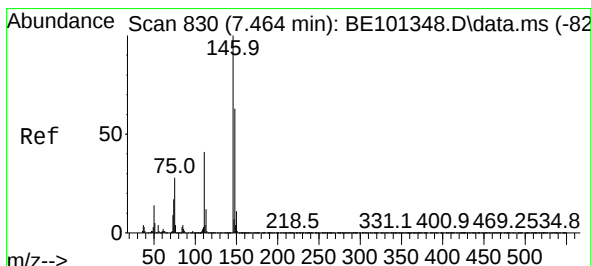
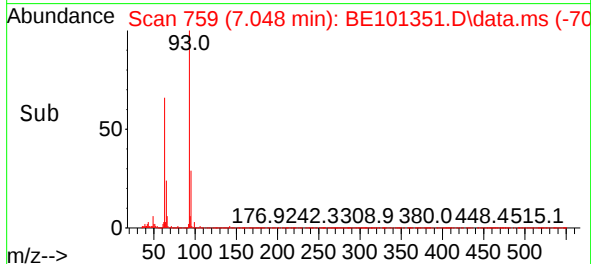
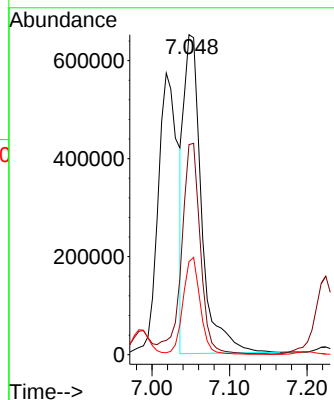
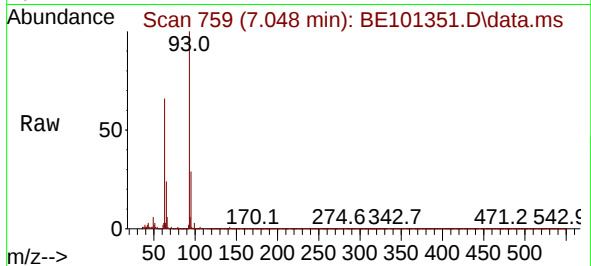




#11  
bis(2-Chloroethyl)ether  
Concen: 74.946 ng  
RT: 7.048 min Scan# 704  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

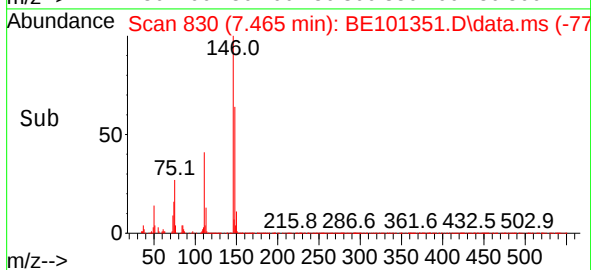
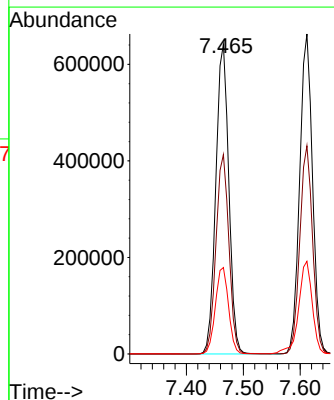
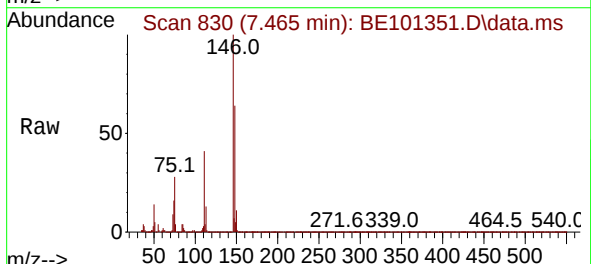
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

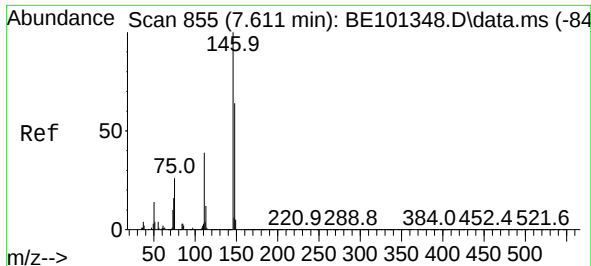
Tgt Ion: 93 Resp: 1035690  
Ion Ratio Lower Upper  
93 100  
63 65.7 43.7 83.7  
95 29.1 8.7 48.7



#12  
1,3-Dichlorobenzene  
Concen: 74.937 ng  
RT: 7.465 min Scan# 830  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:146 Resp: 1014037  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.8 76.2  
75 27.9 22.1 33.1

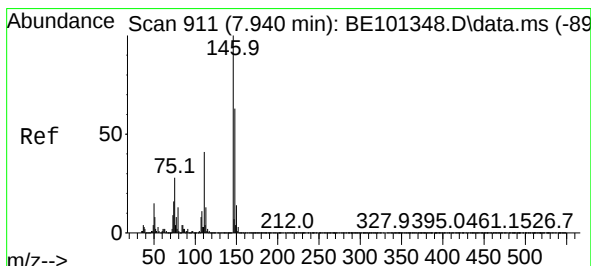
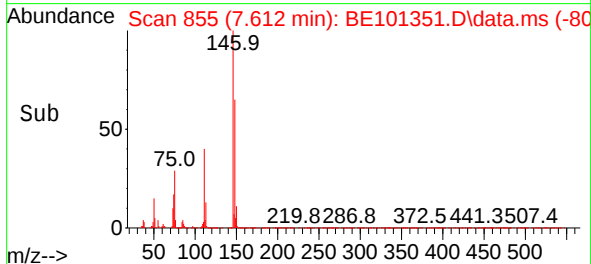
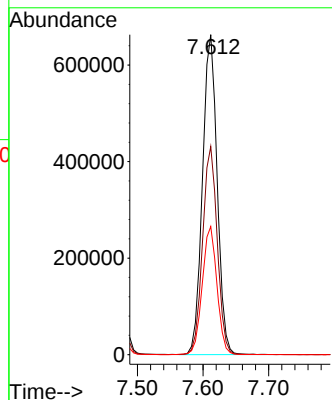
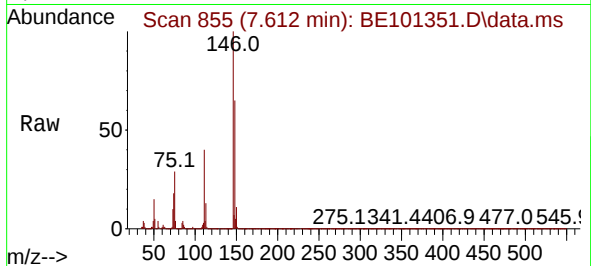




#13  
1,4-Dichlorobenzene  
Concen: 74.931 ng  
RT: 7.612 min Scan# 855  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

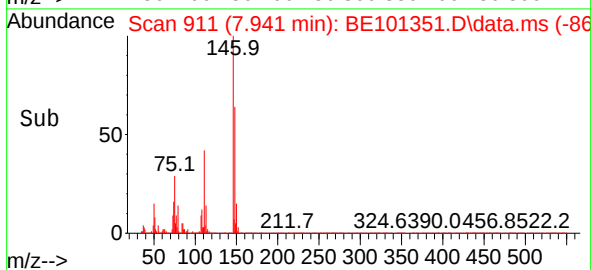
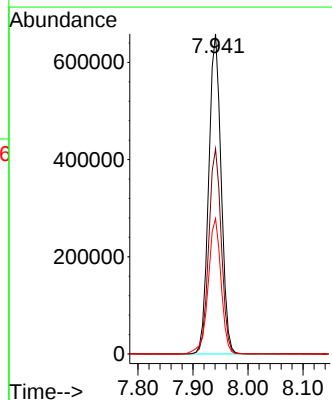
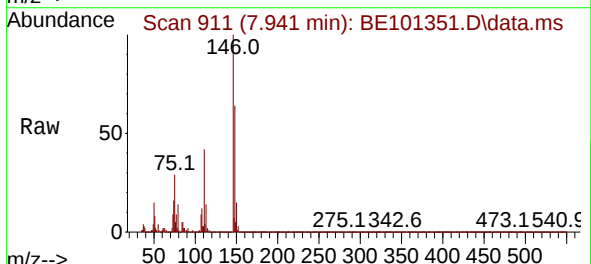
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

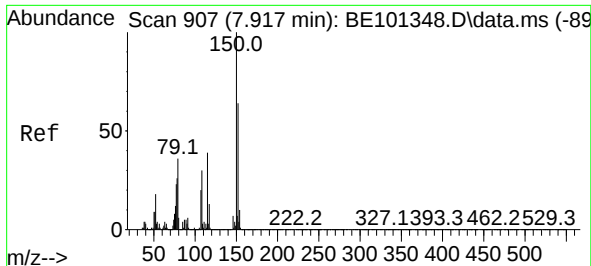
Tgt Ion:146 Resp: 1033091  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.1 76.7  
111 40.1 31.1 46.7



#14  
1,2-Dichlorobenzene  
Concen: 75.521 ng  
RT: 7.941 min Scan# 911  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:146 Resp: 1031744  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.4 75.6  
111 42.3 32.6 48.8

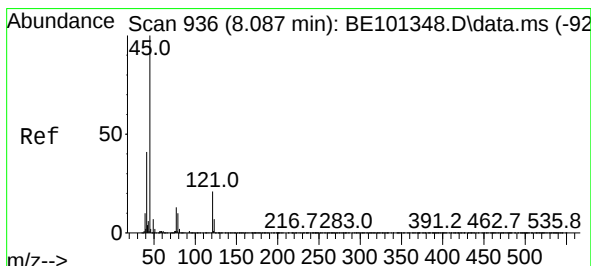
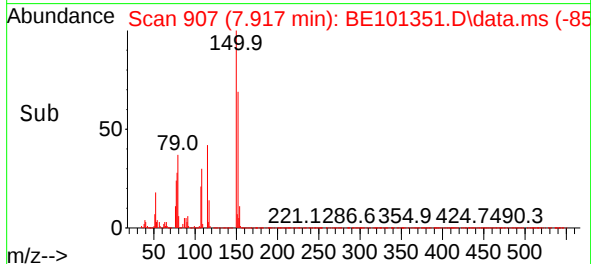
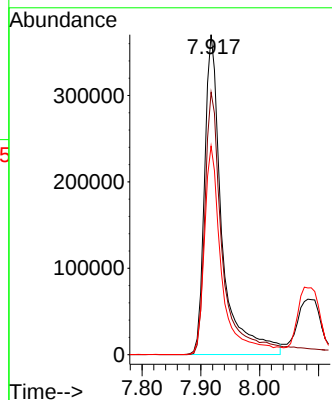
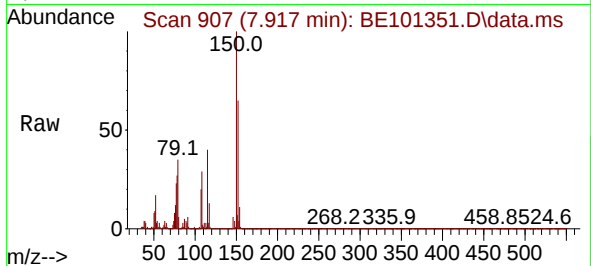




#15  
Benzyl Alcohol  
Concen: 86.499 ng  
RT: 7.917 min Scan# 907  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

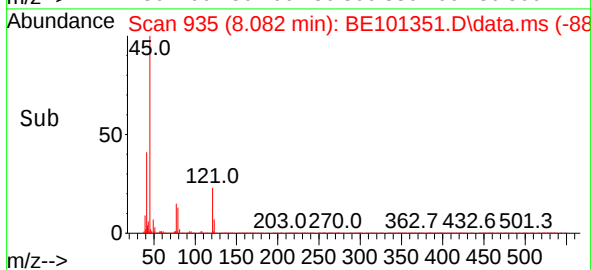
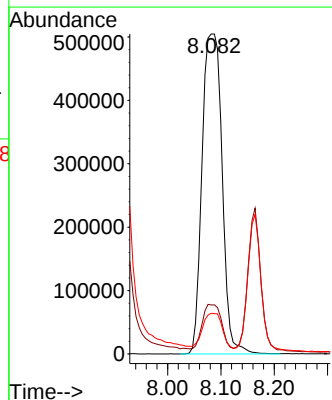
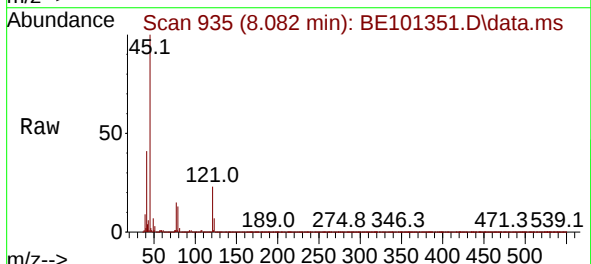
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

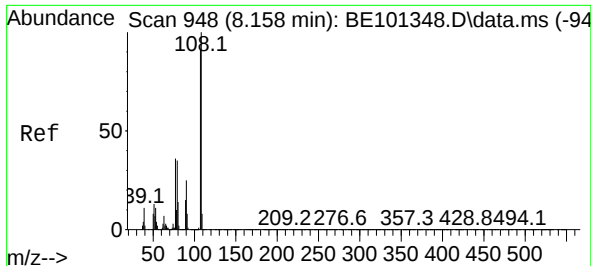
Tgt Ion: 79 Resp: 765058  
Ion Ratio Lower Upper  
79 100  
108 82.0 66.0 99.0  
77 65.2 51.0 76.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 75.590 ng  
RT: 8.082 min Scan# 935  
Delta R.T. -0.005 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 45 Resp: 1316402  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 34.3  
79 12.7 0.0 31.6

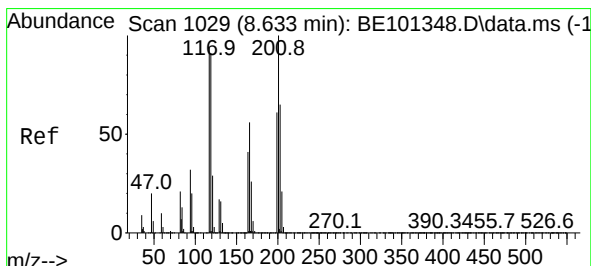
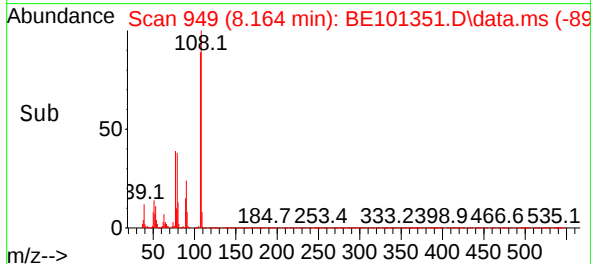
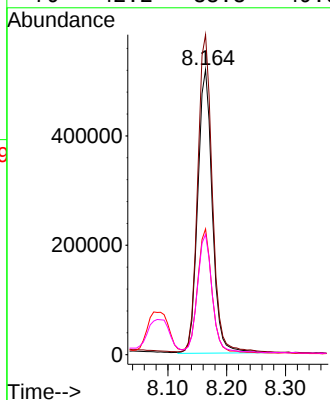
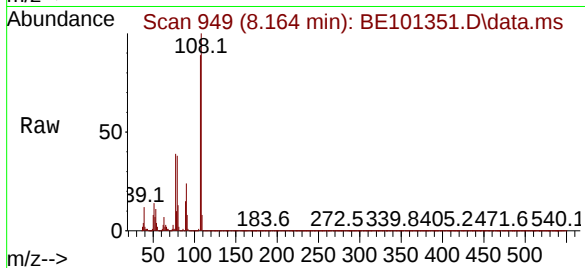




#17  
2-Methylphenol  
Concen: 82.525 ng  
RT: 8.164 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

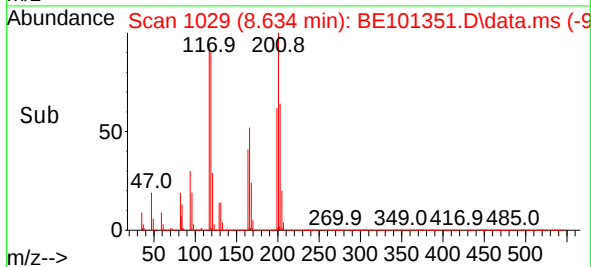
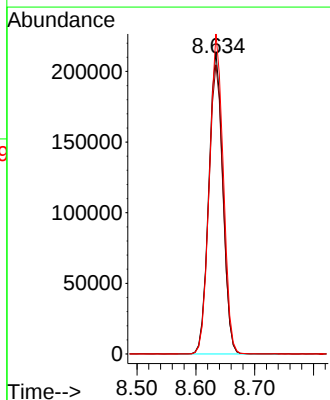
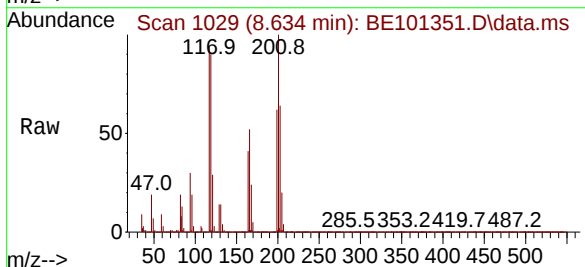
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

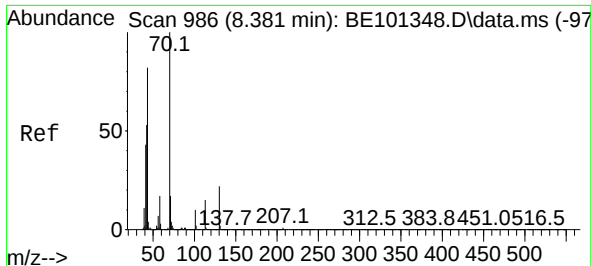
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 892773 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.3 | 88.2  | 132.2  |
| 77       | 44.1  | 34.9  | 52.3   |
| 79       | 42.2  | 33.3  | 49.9   |



#18  
Hexachloroethane  
Concen: 78.827 ng  
RT: 8.634 min Scan# 1029  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 355424 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 77.4  | 116.2  |
| 201      | 106.2 | 84.8  | 127.2  |





#19

n-Nitroso-di-n-propylamine

Concen: 84.542 ng

RT: 8.387 min Scan# 986

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 886294

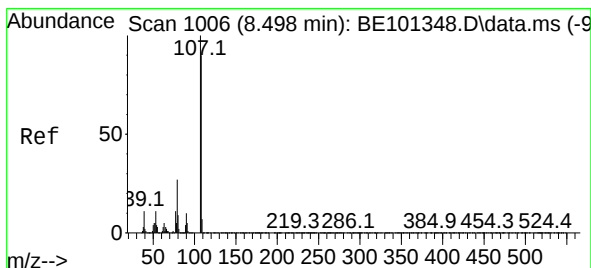
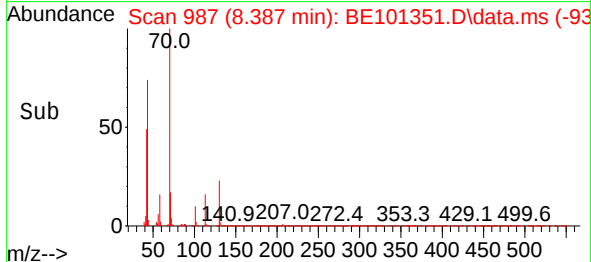
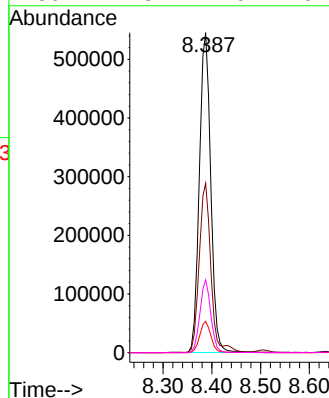
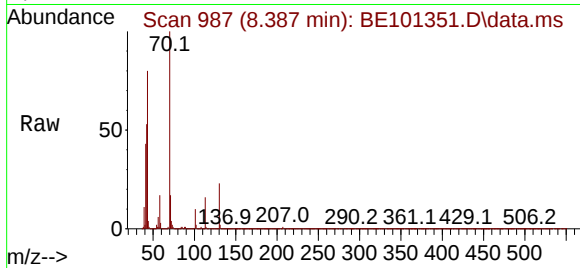
Ion Ratio Lower Upper

70 100

42 53.0 42.5 63.7

101 9.8 7.8 11.6

130 22.8 17.9 26.9



#20

3+4-Methylphenols

Concen: 83.178 ng

RT: 8.505 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Tgt Ion:107 Resp: 1266157

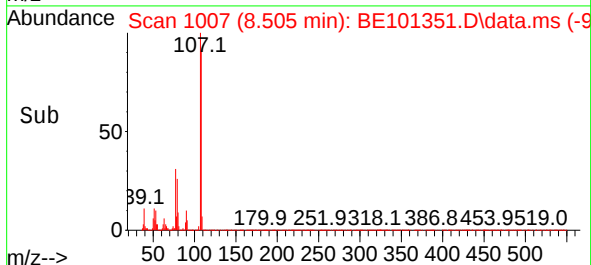
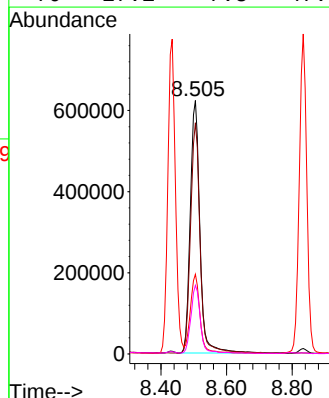
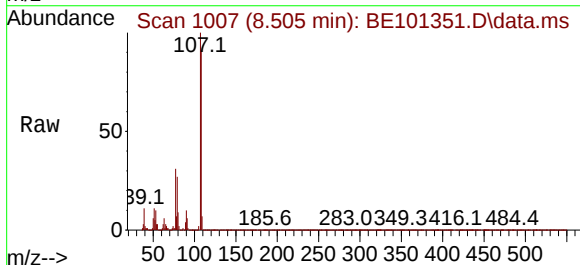
Ion Ratio Lower Upper

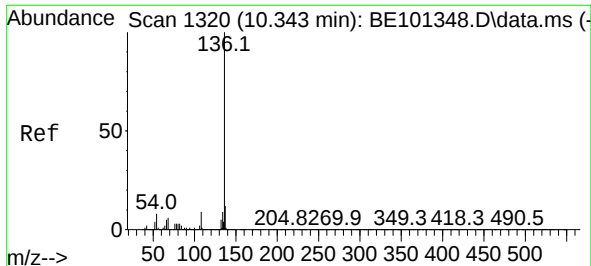
107 100

108 91.2 70.4 110.4

77 31.5 12.5 52.5

79 27.1 7.3 47.3

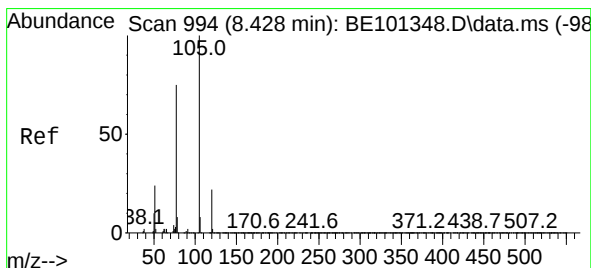
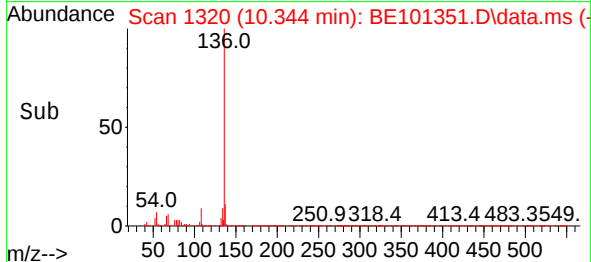
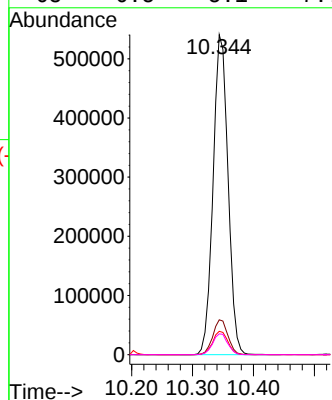
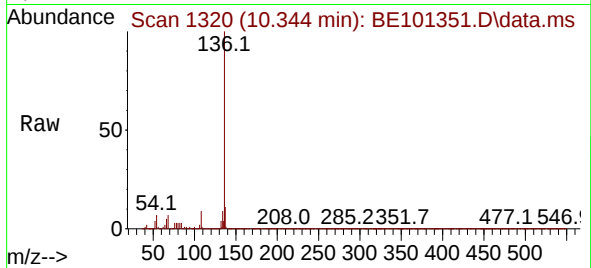




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.344 min Scan# 1320  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

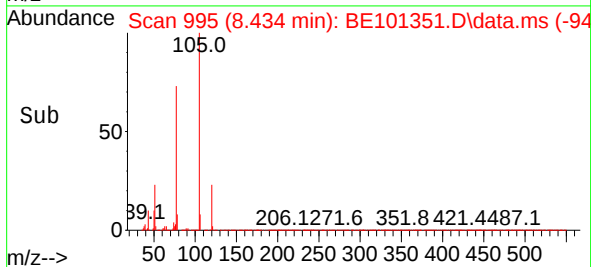
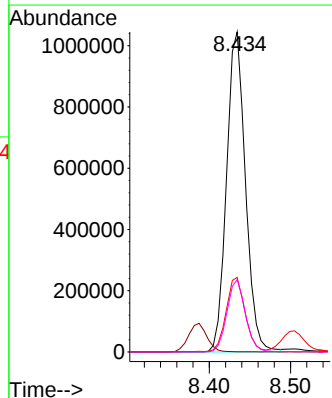
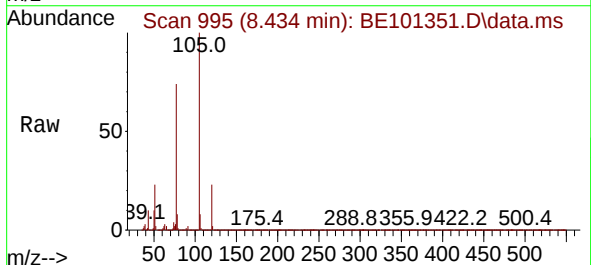
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

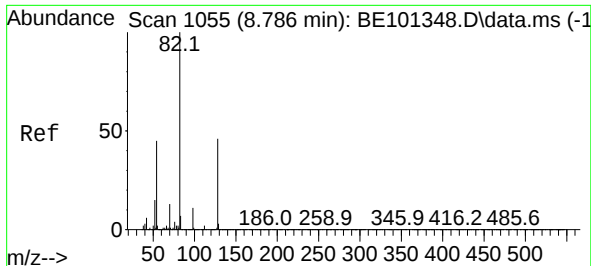
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 919116 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.3   | 13.9   |
| 54       | 7.3   | 6.1   | 9.1    |
| 68       | 6.5   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 79.229 ng  
RT: 8.434 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1688631 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 0.1   | 0.1   | 0.1#    |
| 51       | 23.3  | 19.0  | 28.4    |
| 120      | 22.6  | 17.7  | 26.5    |





#23

Nitrobenzene-d5

Concen: 163.281 ng

RT: 8.793 min Scan# 1056

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

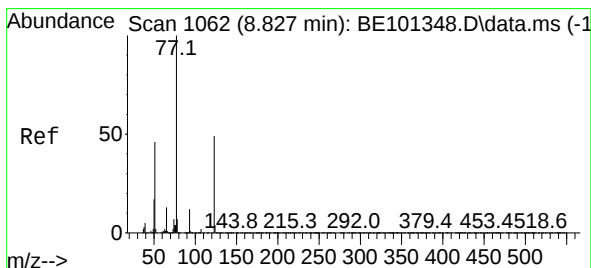
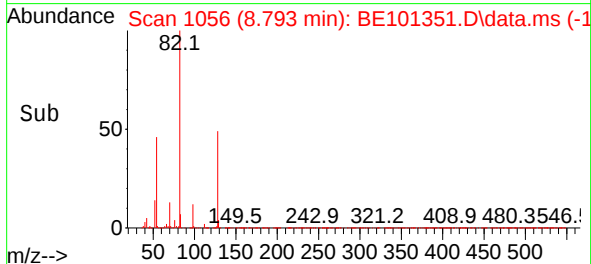
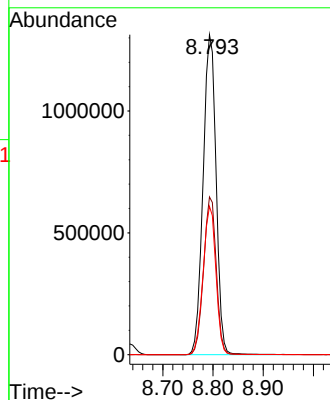
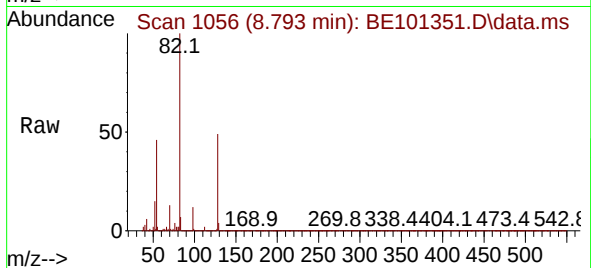
Tgt Ion: 82 Resp: 2367172

Ion Ratio Lower Upper

82 100

128 49.3 36.8 55.2

54 46.4 36.2 54.4



#24

Nitrobenzene

Concen: 80.873 ng

RT: 8.834 min Scan# 1063

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

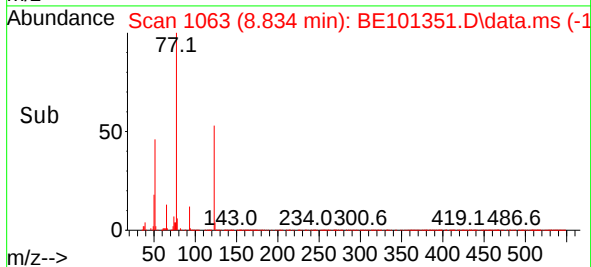
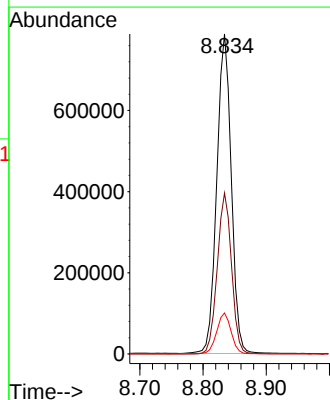
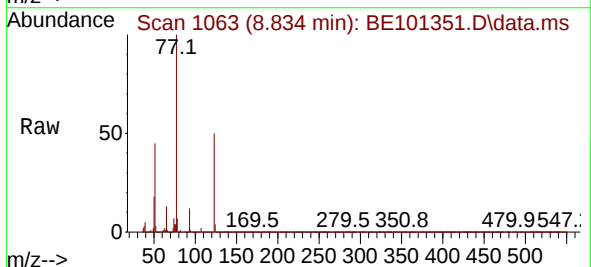
Tgt Ion: 77 Resp: 1251746

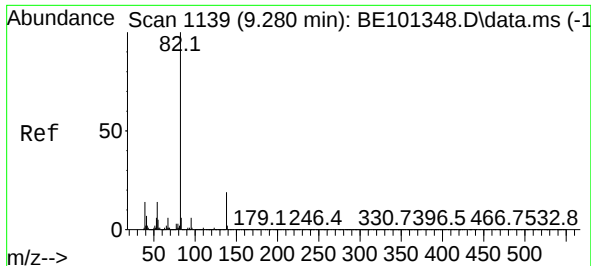
Ion Ratio Lower Upper

77 100

123 50.3 39.0 58.4

65 12.8 10.2 15.4

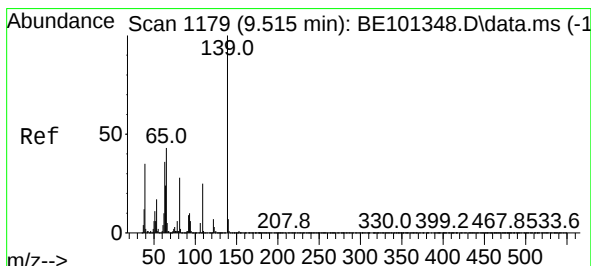
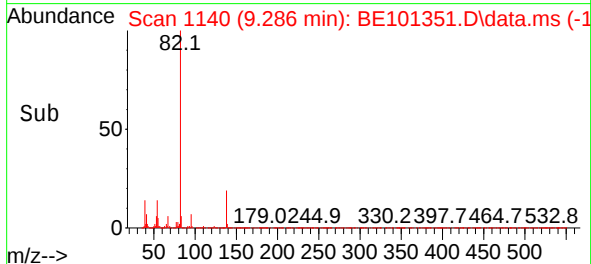
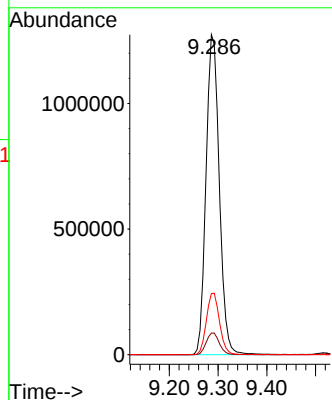
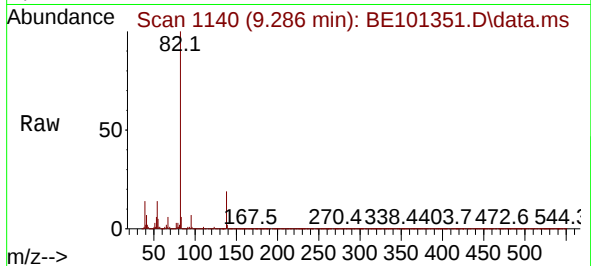




#25  
Isophorone  
Concen: 81.106 ng  
RT: 9.286 min Scan# 1140  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

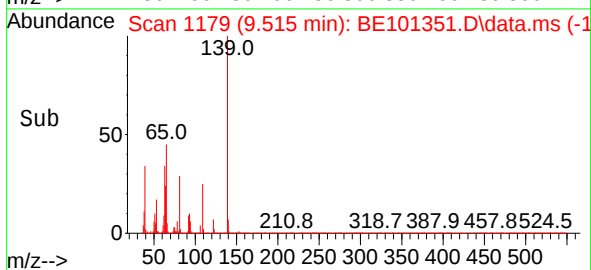
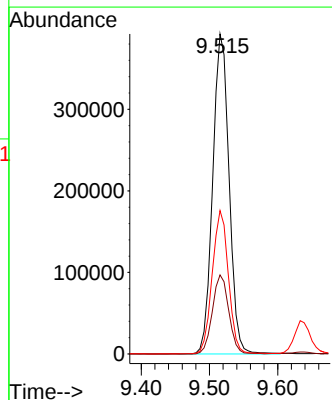
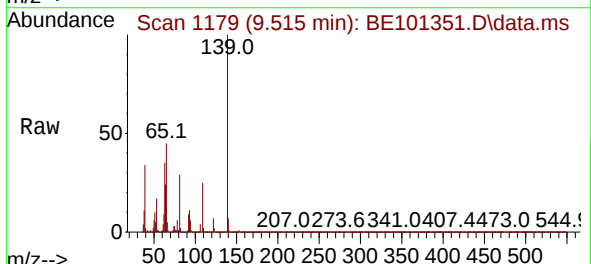
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

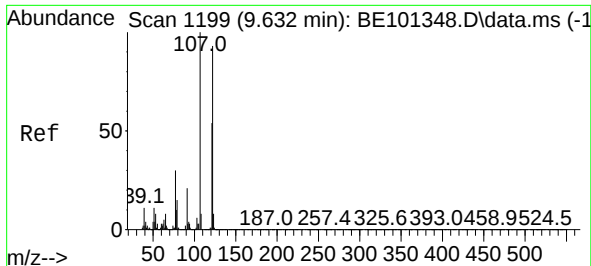
Tgt Ion: 82 Resp: 2407128  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.2 7.8  
138 19.1 15.0 22.6



#26  
2-Nitrophenol  
Concen: 89.682 ng  
RT: 9.515 min Scan# 1179  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 139 Resp: 655112  
Ion Ratio Lower Upper  
139 100  
109 24.7 19.8 29.6  
65 44.8 34.6 52.0

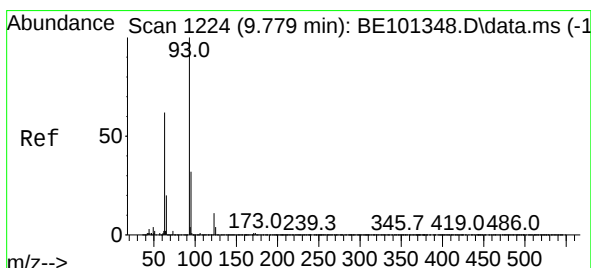
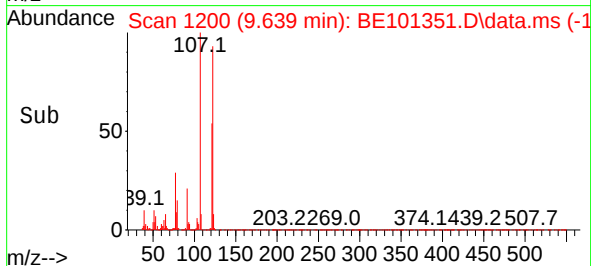
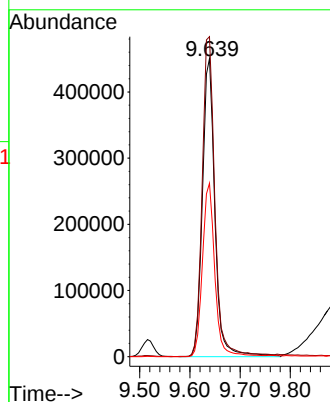
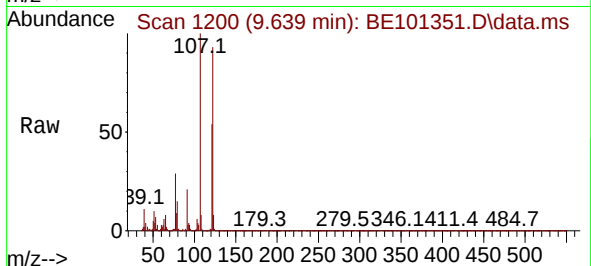




#27  
2,4-Dimethylphenol  
Concen: 82.804 ng  
RT: 9.639 min Scan# 1199  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

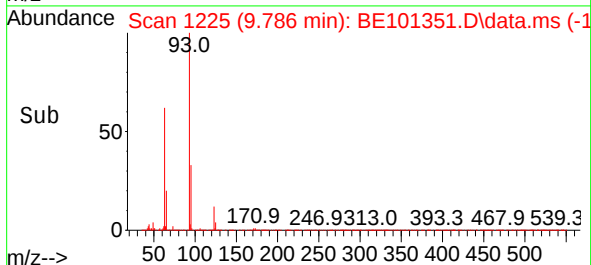
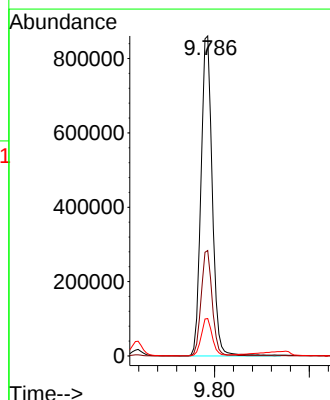
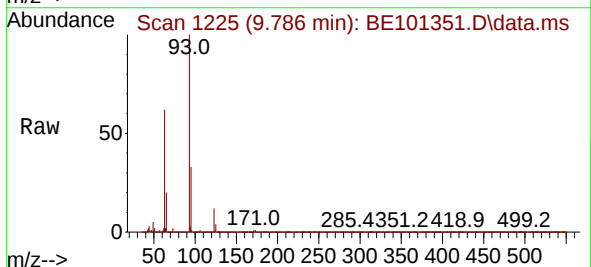
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

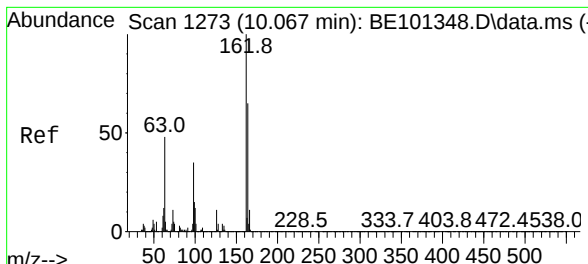
Tgt Ion:122 Resp: 776524  
Ion Ratio Lower Upper  
122 100  
107 107.4 86.4 129.6  
121 58.2 46.3 69.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 79.215 ng  
RT: 9.786 min Scan# 1225  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 93 Resp: 1422065  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.0 39.0  
123 11.7 9.0 13.4



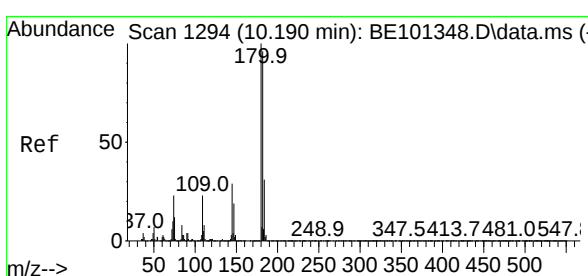
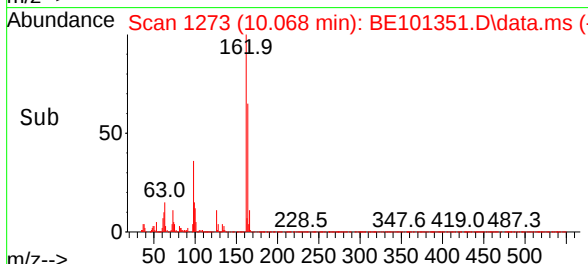
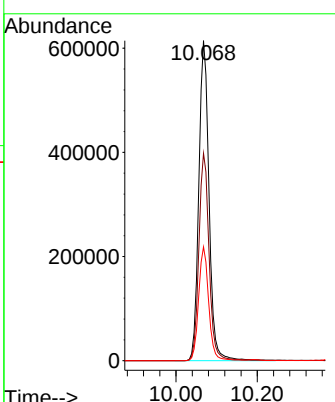
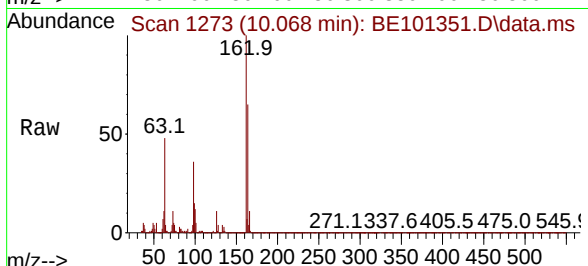


#29  
 2,4-Dichlorophenol  
 Concen: 83.532 ng  
 RT: 10.068 min Scan# 1273  
 Delta R.T. 0.001 min  
 Lab File: BE101351.D  
 Acq: 17 Sep 2024 13:58

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:162 Resp: 1072712

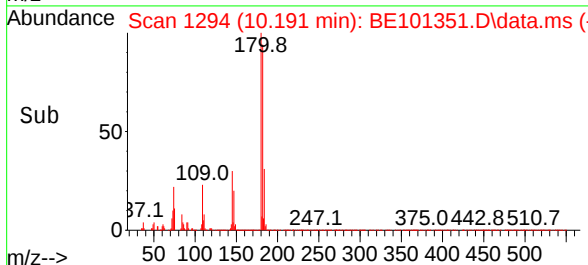
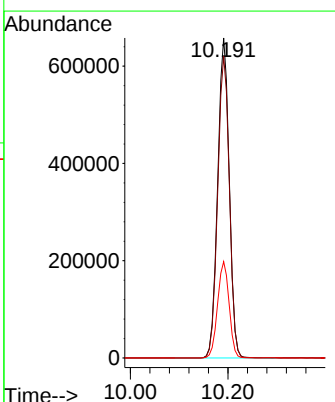
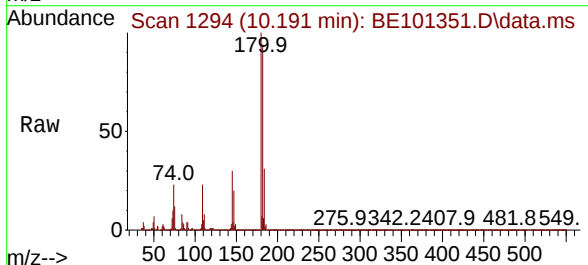
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.8  | 44.6  | 84.6  |
| 98  | 35.6  | 14.7  | 54.7  |

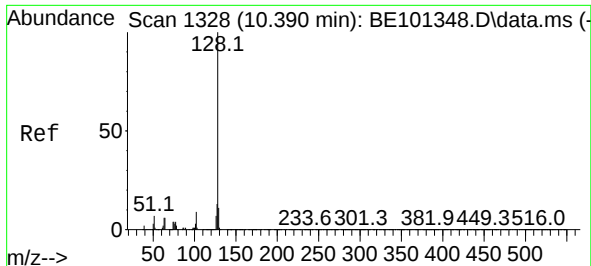


#30  
 1,2,4-Trichlorobenzene  
 Concen: 78.332 ng  
 RT: 10.191 min Scan# 1294  
 Delta R.T. 0.001 min  
 Lab File: BE101351.D  
 Acq: 17 Sep 2024 13:58

Tgt Ion:180 Resp: 1087185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.3  | 76.6  | 114.8 |
| 145 | 30.1  | 23.5  | 35.3  |

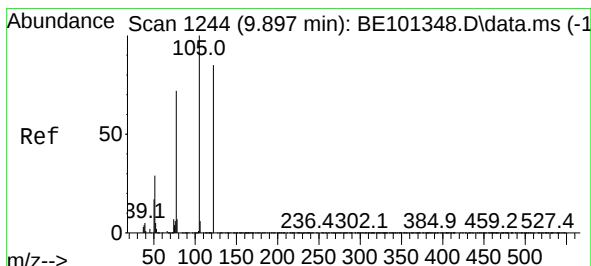
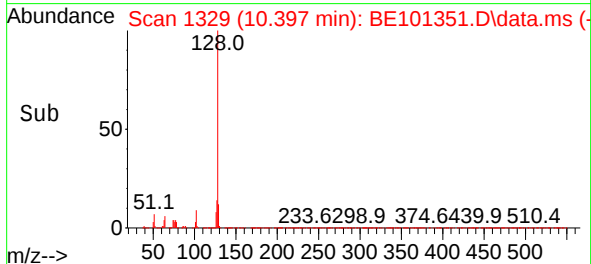
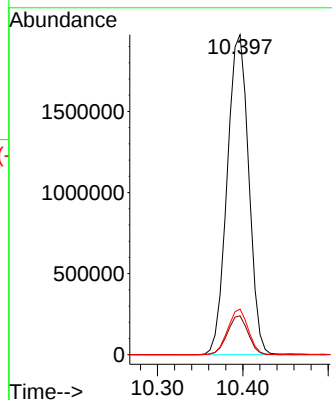
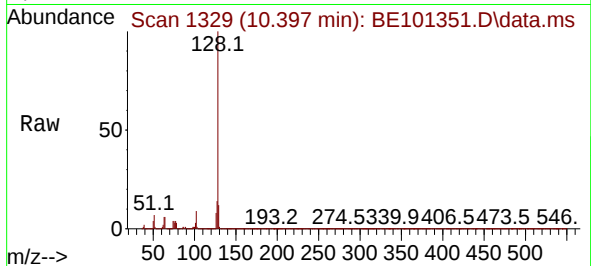




#31  
Naphthalene  
Concen: 74.791 ng  
RT: 10.397 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

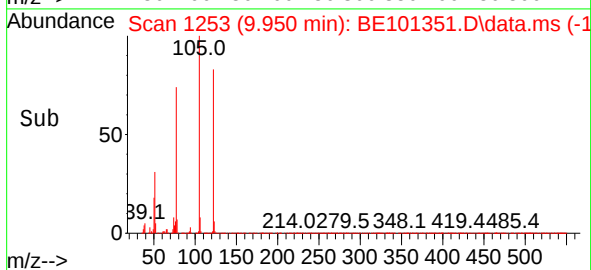
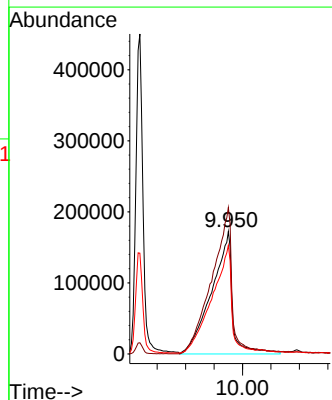
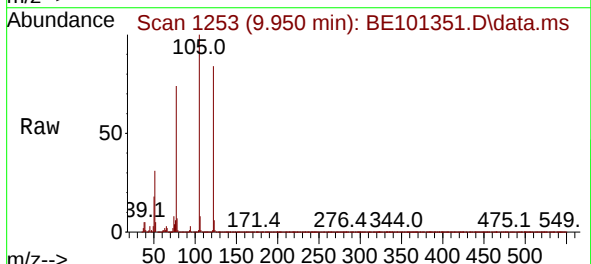
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

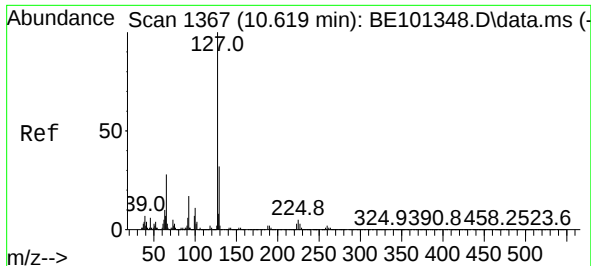
Tgt Ion:128 Resp: 3468494  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.8 13.2  
127 14.3 10.3 15.5



#32  
Benzoic acid  
Concen: 81.636 ng  
RT: 9.950 min Scan# 1253  
Delta R.T. 0.053 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:122 Resp: 876786  
Ion Ratio Lower Upper  
122 100  
105 119.6 96.7 136.7  
77 88.7 64.8 104.8





#33

4-Chloroaniline

Concen: 81.466 ng

RT: 10.626 min Scan# 1367

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 1445433

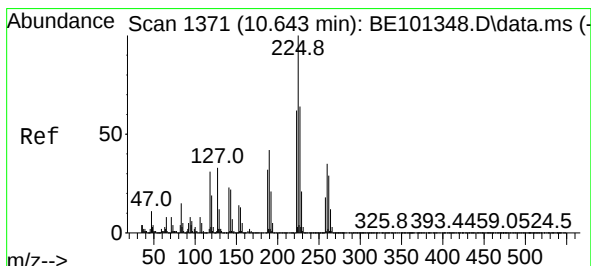
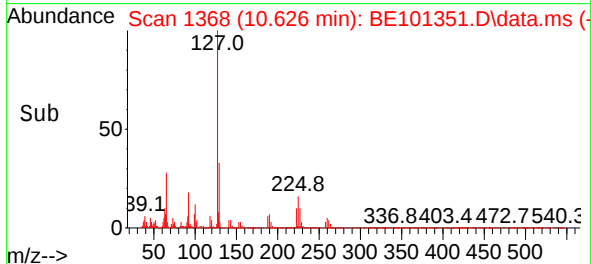
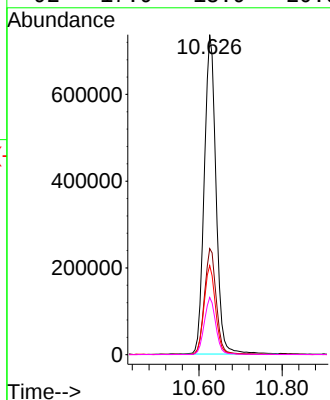
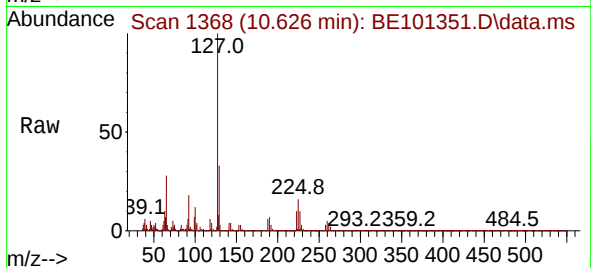
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 27.8 22.5 33.7

92 17.9 13.9 20.9



#34

Hexachlorobutadiene

Concen: 78.146 ng

RT: 10.644 min Scan# 1371

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

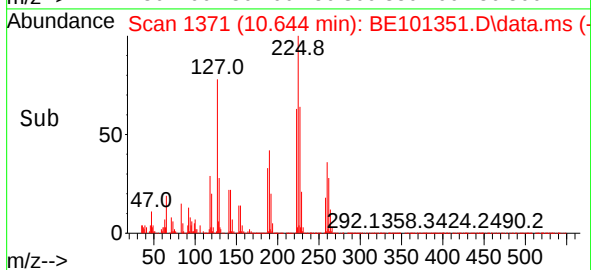
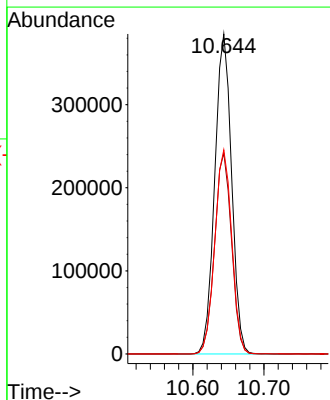
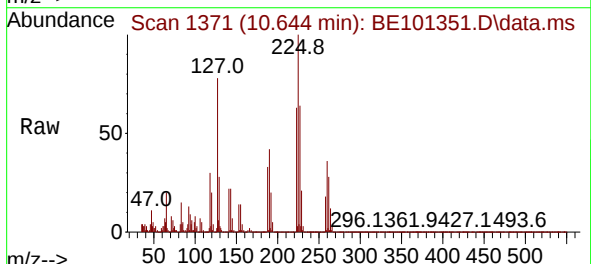
Tgt Ion:225 Resp: 630132

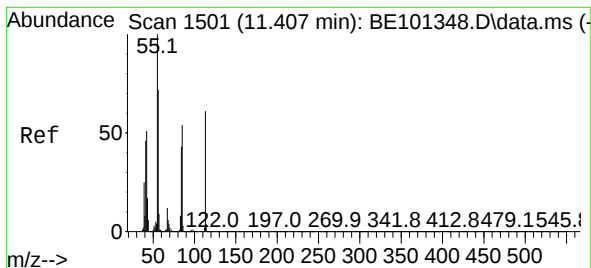
Ion Ratio Lower Upper

225 100

223 62.7 49.8 74.8

227 63.8 51.3 76.9





#35

Caprolactam

Concen: 59.547 ng

RT: 11.437 min Scan# 1501

Delta R.T. 0.030 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

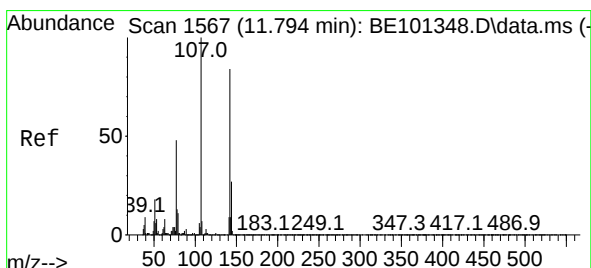
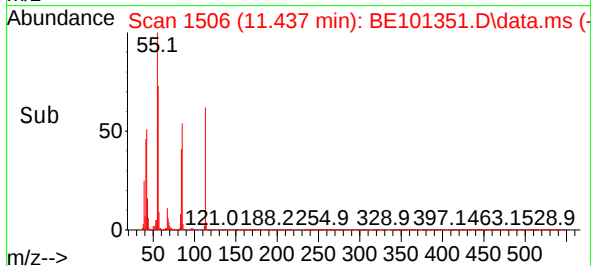
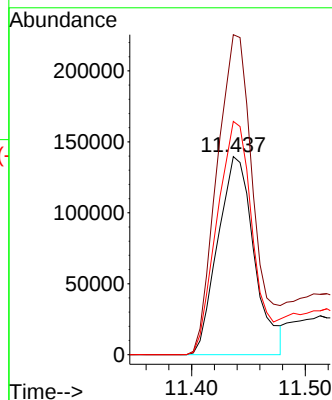
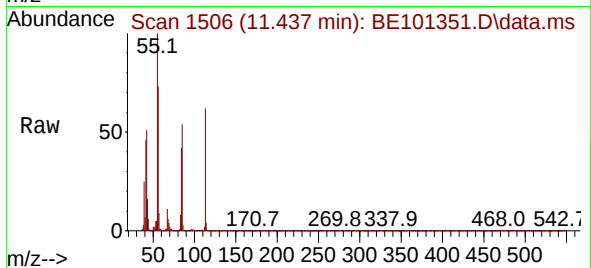
Tgt Ion:113 Resp: 310632

Ion Ratio Lower Upper

113 100

55 161.5 144.8 184.8

56 117.7 99.3 139.3



#36

4-Chloro-3-methylphenol

Concen: 82.510 ng

RT: 11.801 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

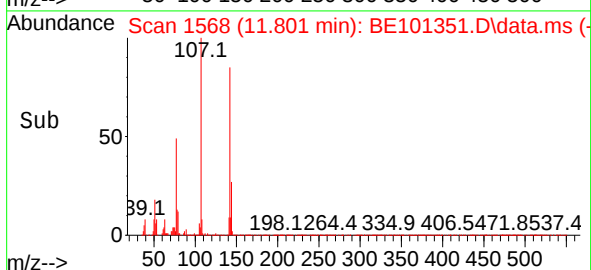
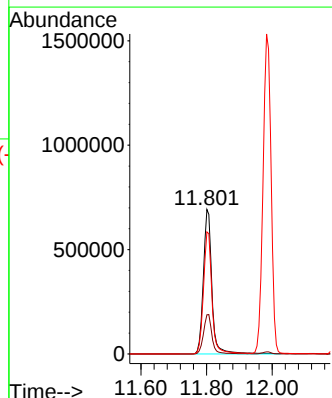
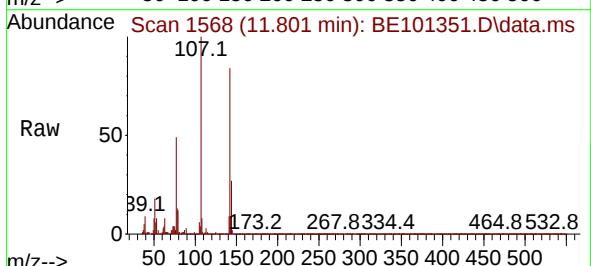
Tgt Ion:107 Resp: 1252034

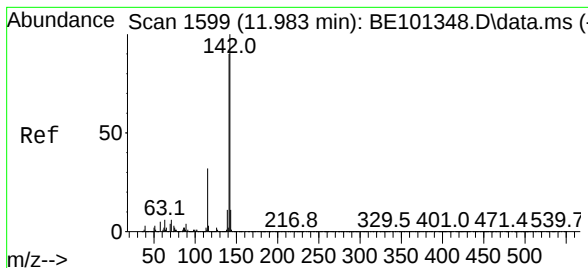
Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

142 84.5 67.4 101.2

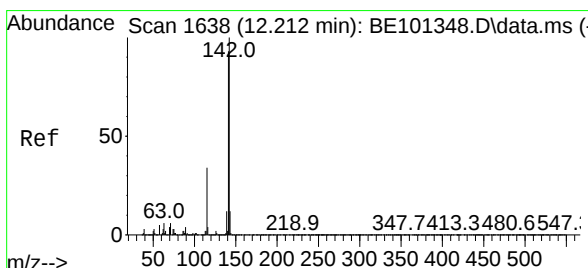
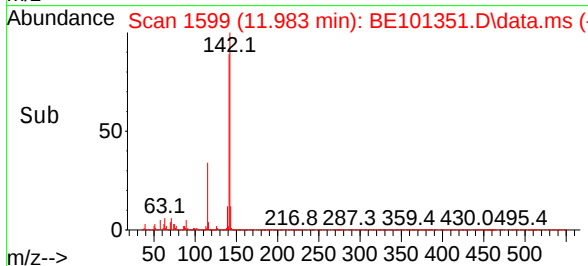
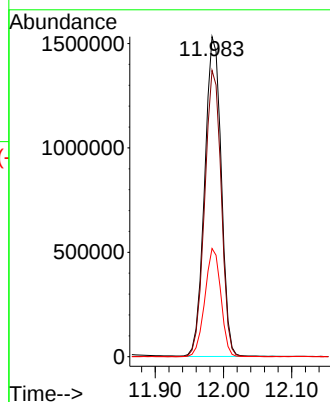
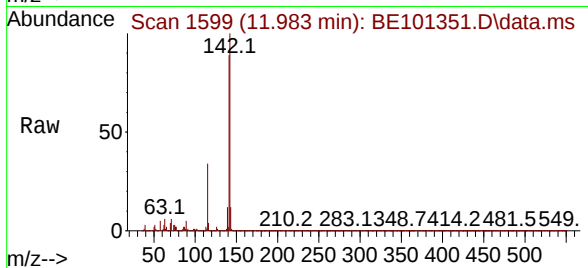




#37  
2-Methylnaphthalene  
Concen: 76.466 ng  
RT: 11.983 min Scan# 1599  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

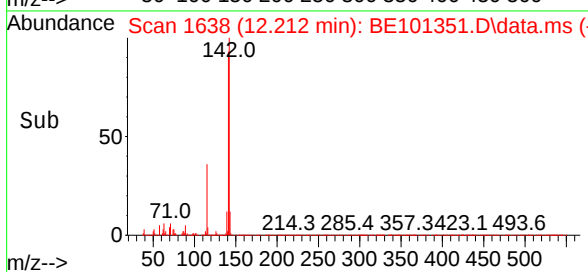
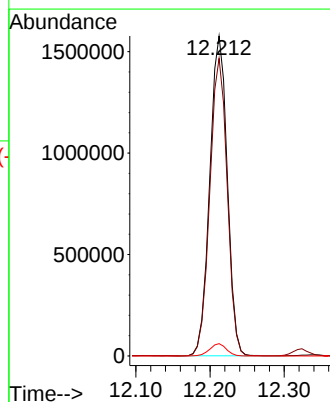
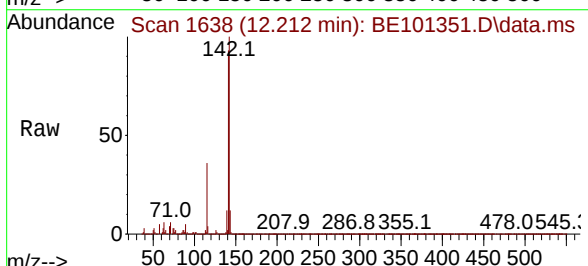
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

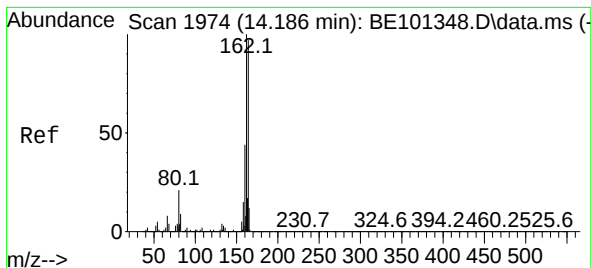
Tgt Ion:142 Resp: 2593475  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.8 107.6  
115 33.8 25.6 38.4



#38  
1-Methylnaphthalene  
Concen: 75.877 ng  
RT: 12.212 min Scan# 1638  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:142 Resp: 2581857  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.3 111.5  
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.186 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

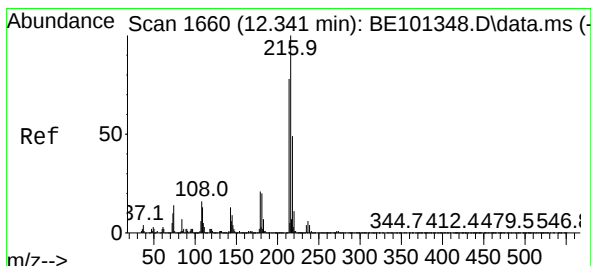
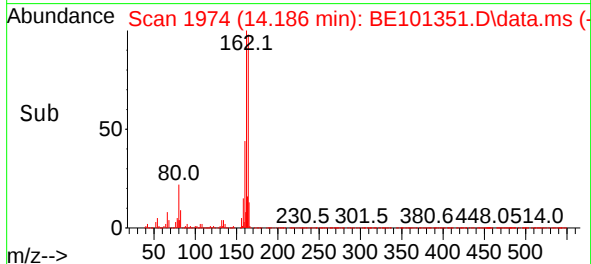
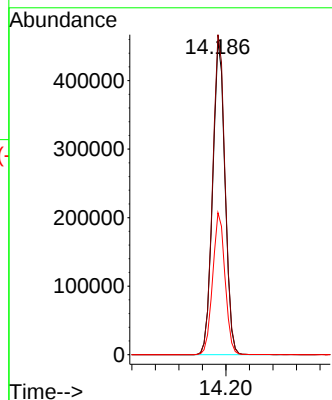
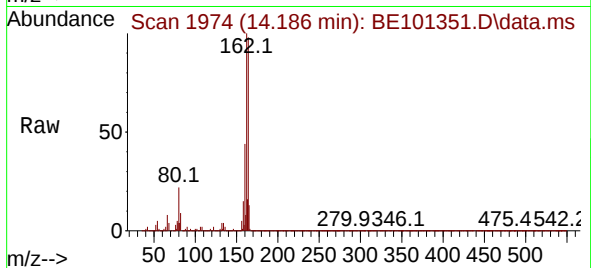
Tgt Ion:164 Resp: 664525

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 45.2 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.163 ng

RT: 12.342 min Scan# 1660

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Tgt Ion:216 Resp: 1283250

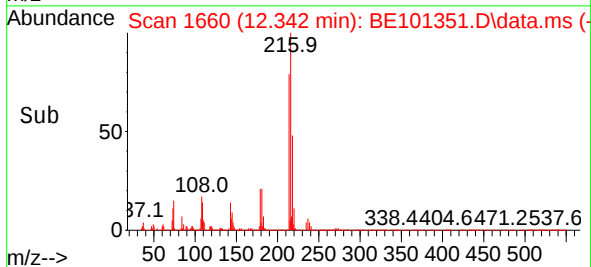
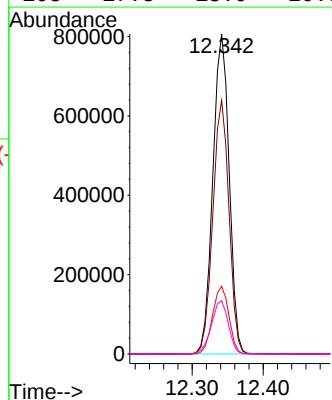
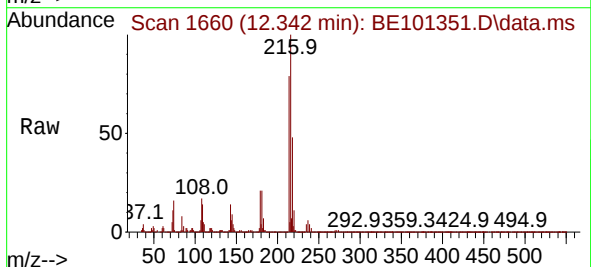
Ion Ratio Lower Upper

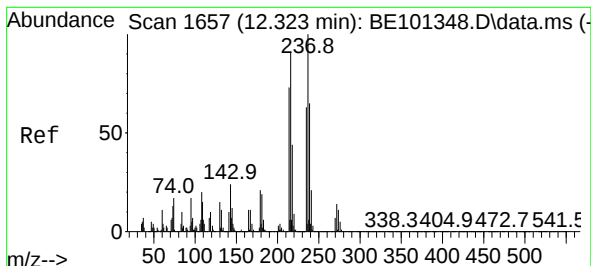
216 100

214 78.4 62.6 94.0

179 21.2 16.9 25.3

108 17.3 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 86.631 ng

RT: 12.324 min Scan# 1

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

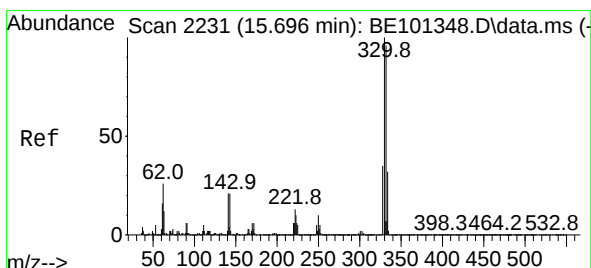
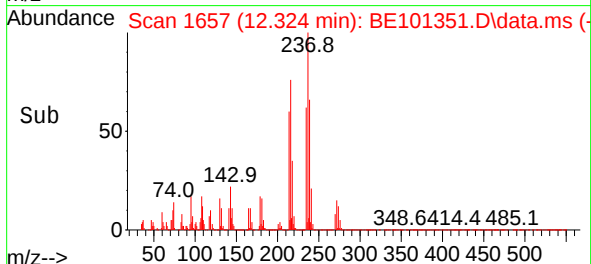
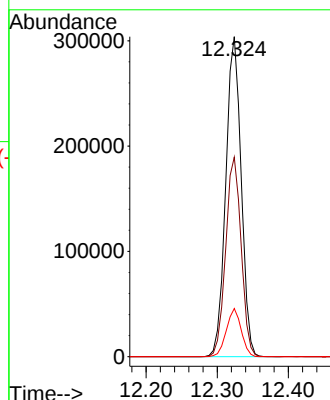
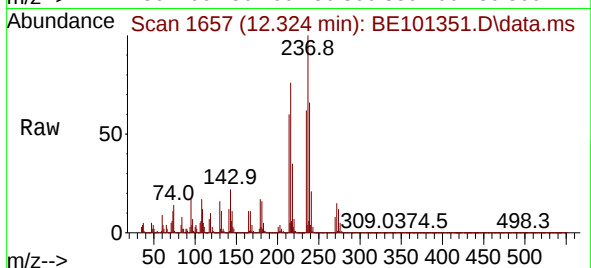
Tgt Ion:237 Resp: 455663

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

272 15.1 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 157.371 ng

RT: 15.702 min Scan# 2232

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

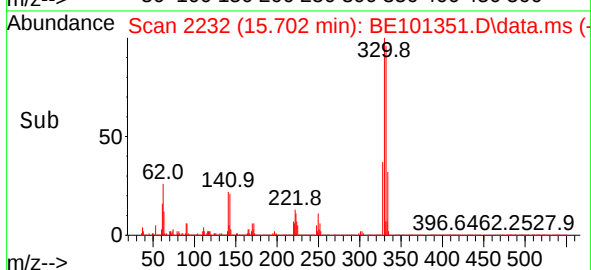
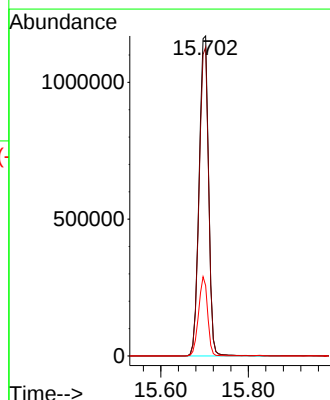
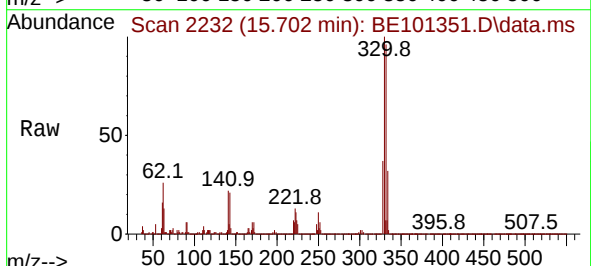
Tgt Ion:330 Resp: 1758939

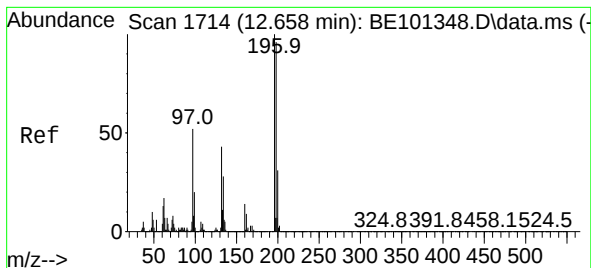
Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 23.7 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 84.093 ng

RT: 12.665 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

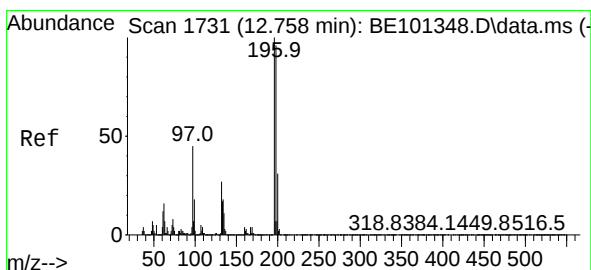
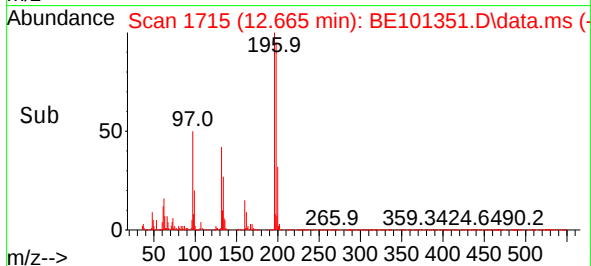
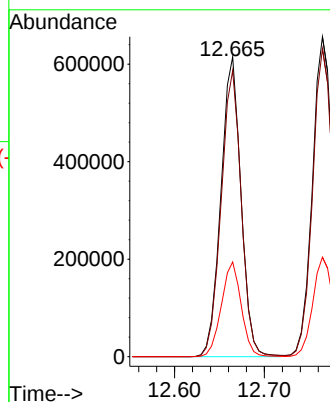
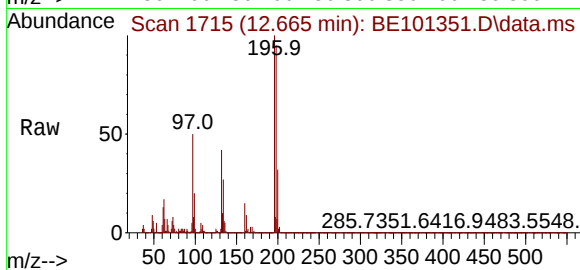
Tgt Ion:196 Resp: 953365

Ion Ratio Lower Upper

196 100

198 95.4 76.8 115.2

200 31.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 84.235 ng

RT: 12.765 min Scan# 1732

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Tgt Ion:196 Resp: 1077467

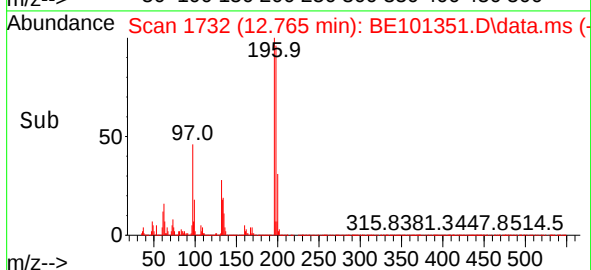
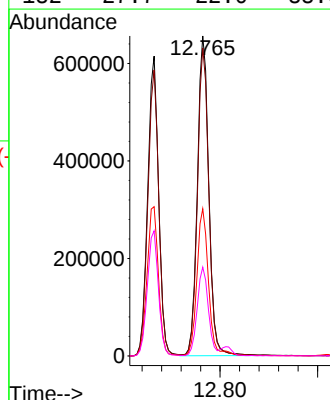
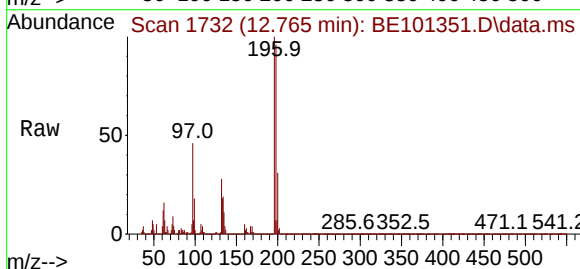
Ion Ratio Lower Upper

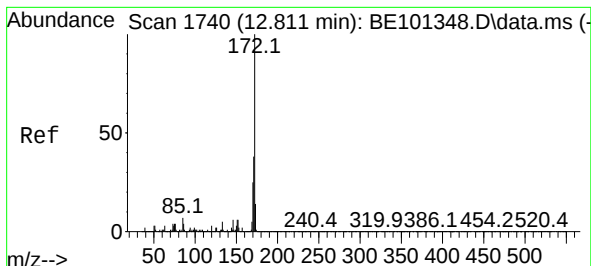
196 100

198 96.3 76.9 115.3

97 46.0 36.2 54.2

132 27.7 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 131.668 ng

RT: 12.812 min Scan# 1740

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

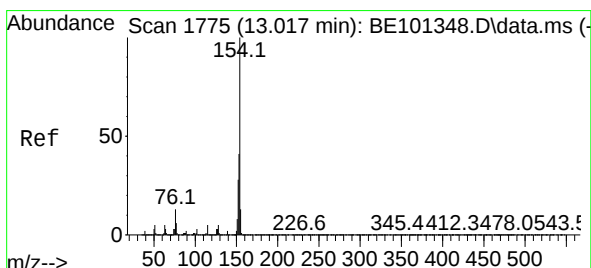
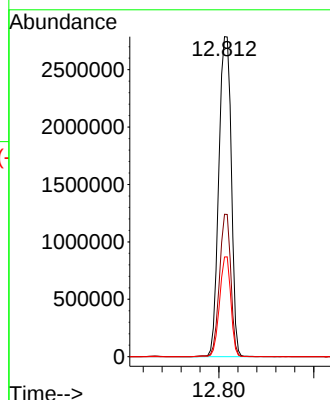
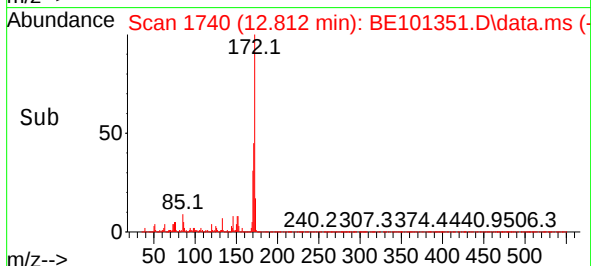
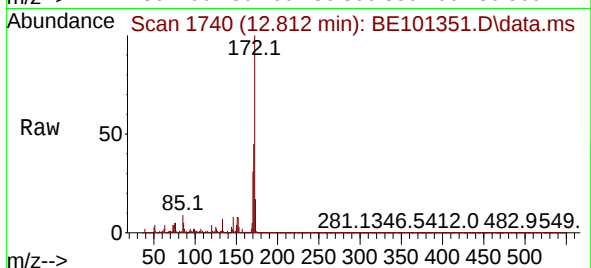
Tgt Ion:172 Resp: 5063261

Ion Ratio Lower Upper

172 100

171 44.5 30.2 45.2

170 31.2 20.2 30.4#



#46

1,1'-Biphenyl

Concen: 73.768 ng

RT: 13.017 min Scan# 1775

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

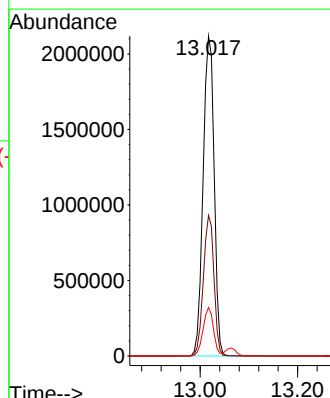
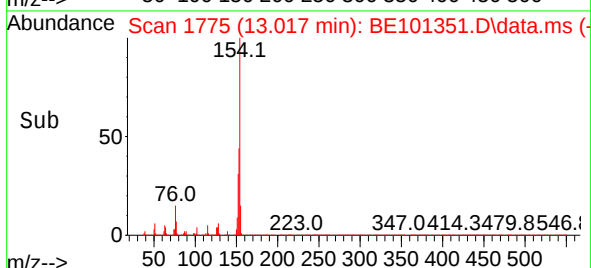
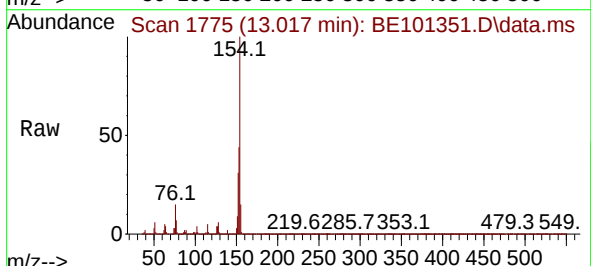
Tgt Ion:154 Resp: 3321857

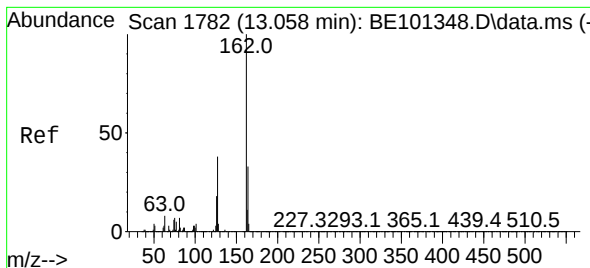
Ion Ratio Lower Upper

154 100

153 43.9 21.2 61.2

76 15.2 0.0 33.4

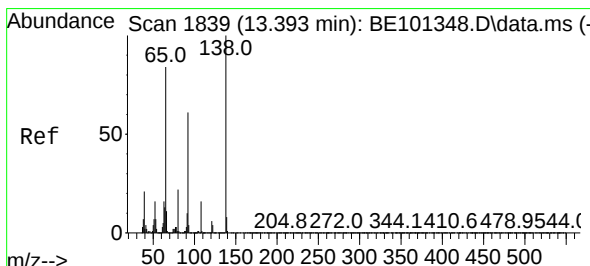
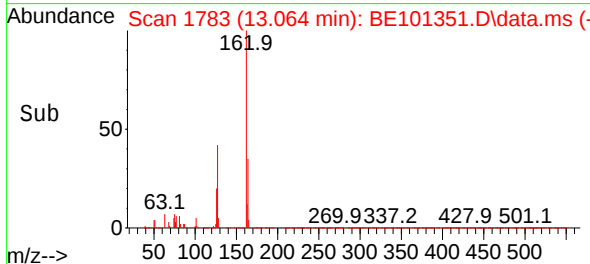
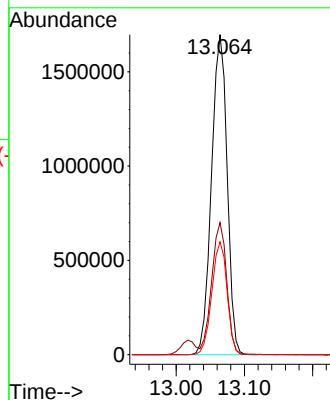
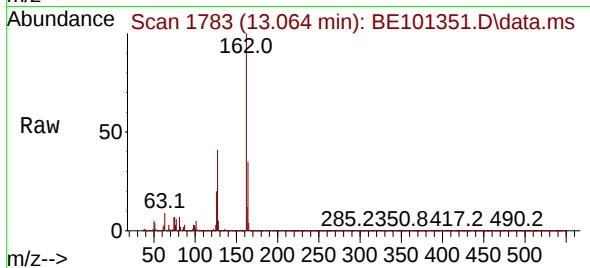




#47  
2-Chloronaphthalene  
Concen: 76.451 ng  
RT: 13.064 min Scan# 1783  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

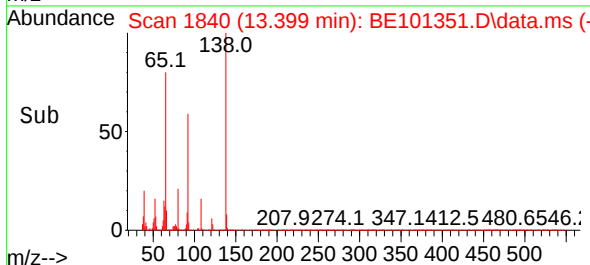
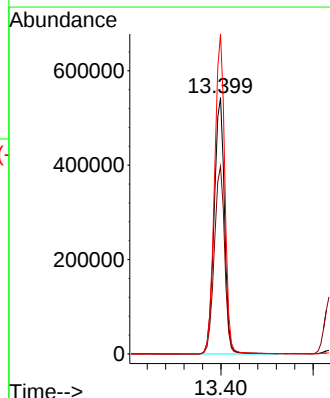
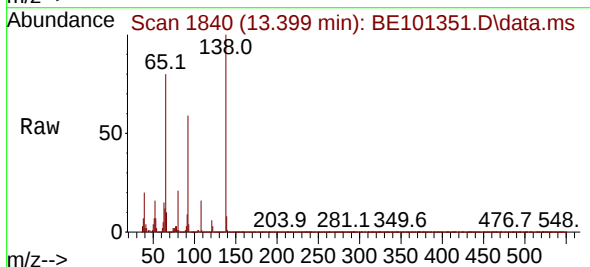
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

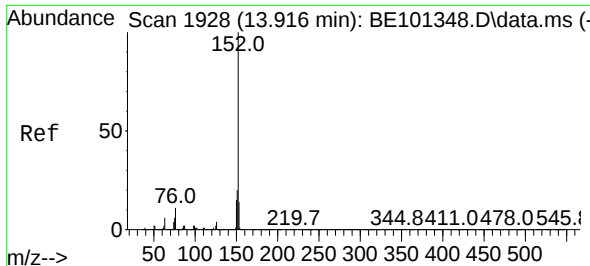
Tgt Ion:162 Resp: 2708139  
Ion Ratio Lower Upper  
162 100  
127 41.3 31.2 46.8  
164 35.2 26.2 39.2



#48  
2-Nitroaniline  
Concen: 88.703 ng  
RT: 13.399 min Scan# 1840  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion: 65 Resp: 845389  
Ion Ratio Lower Upper  
65 100  
92 73.2 58.3 87.5  
138 124.8 95.0 142.4

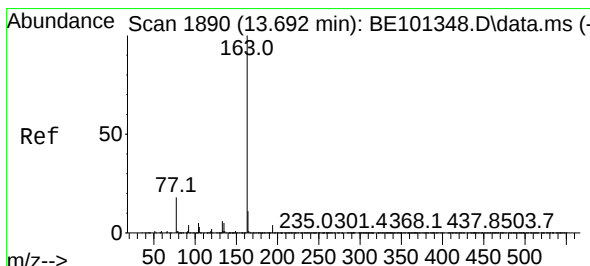
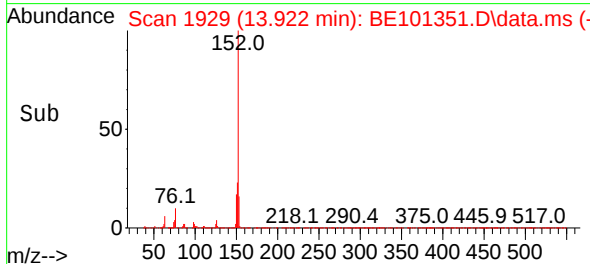
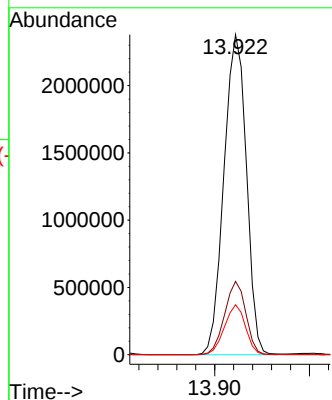
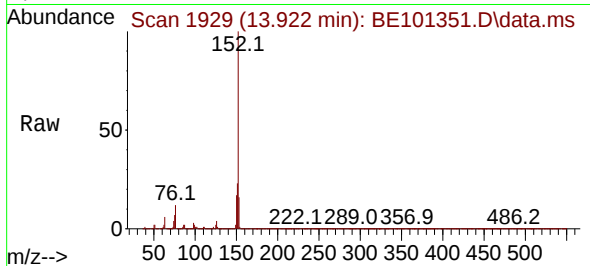




#49  
Acenaphthylene  
Concen: 74.108 ng  
RT: 13.922 min Scan# 1929  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

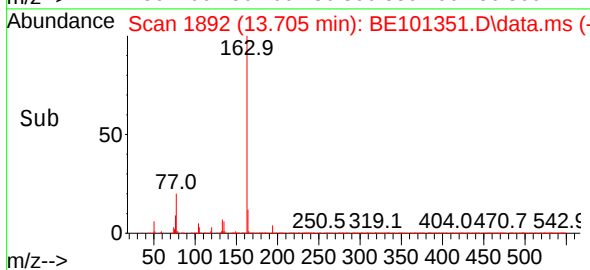
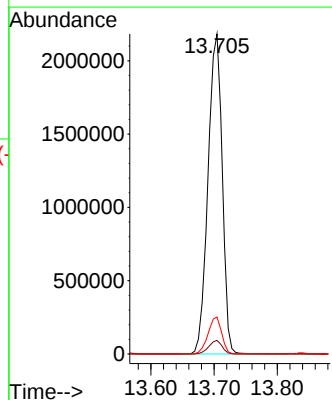
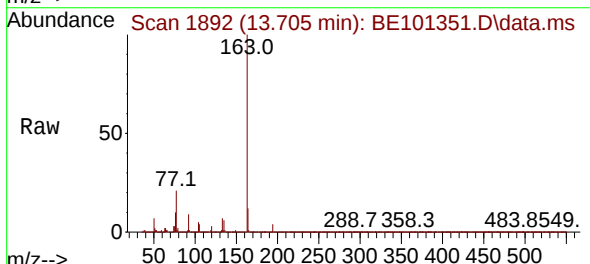
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

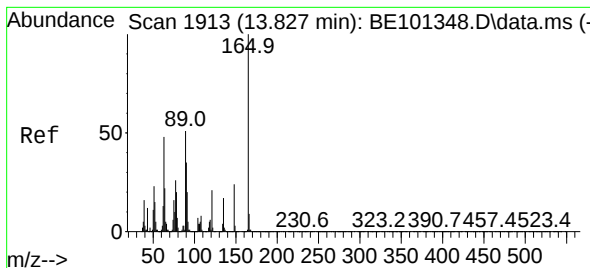
Tgt Ion:152 Resp: 3917069  
Ion Ratio Lower Upper  
152 100  
151 22.9 16.4 24.6  
153 15.6 11.1 16.7



#50  
Dimethylphthalate  
Concen: 71.119 ng  
RT: 13.705 min Scan# 1892  
Delta R.T. 0.012 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:163 Resp: 3410237  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.4  
164 11.6 8.5 12.7

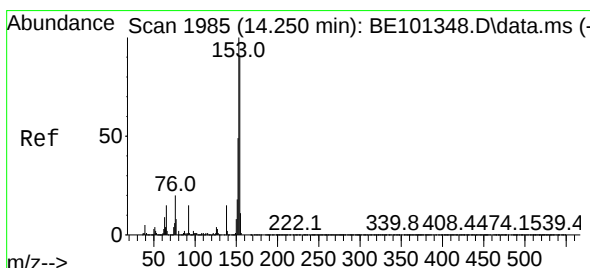
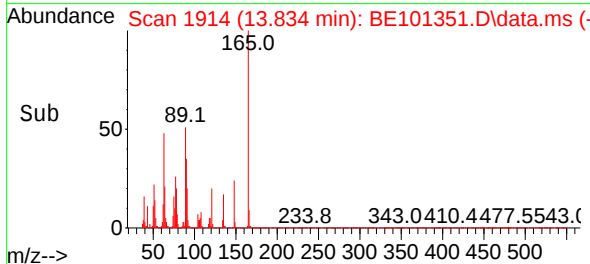
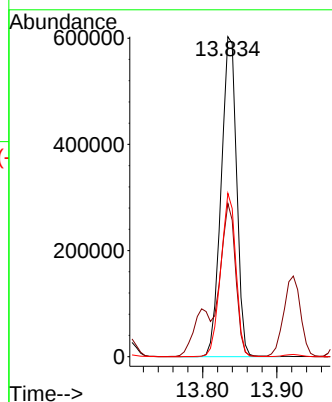
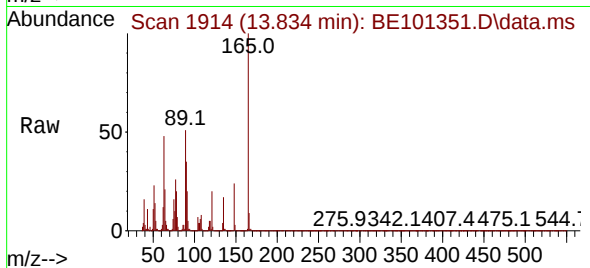




#51  
2,6-Dinitrotoluene  
Concen: 81.491 ng  
RT: 13.834 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

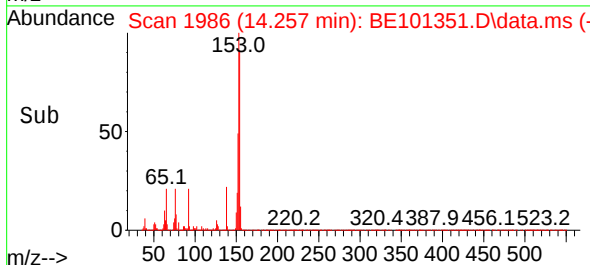
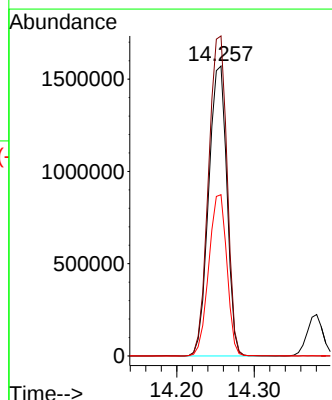
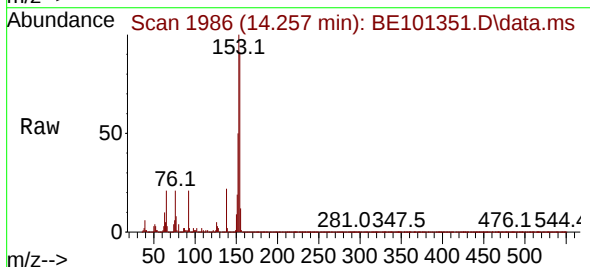
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

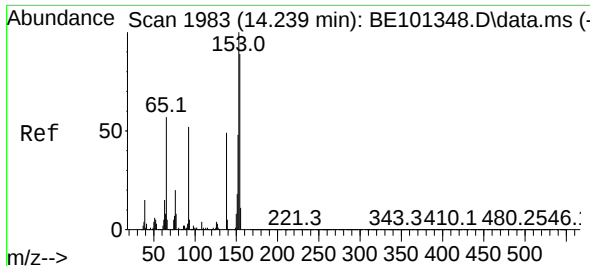
Tgt Ion:165 Resp: 874486  
Ion Ratio Lower Upper  
165 100  
63 47.9 38.5 57.7  
89 51.0 40.5 60.7



#52  
Acenaphthene  
Concen: 73.566 ng  
RT: 14.257 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:154 Resp: 2563215  
Ion Ratio Lower Upper  
154 100  
153 110.4 88.8 133.2  
152 55.6 43.2 64.8

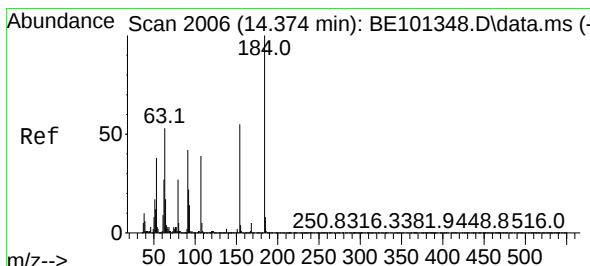
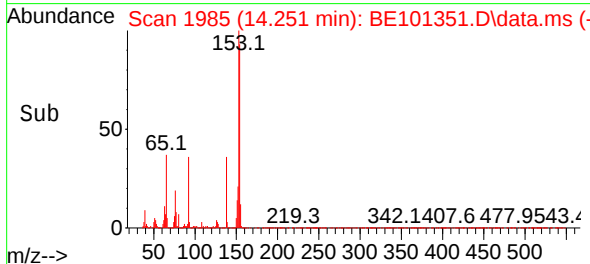
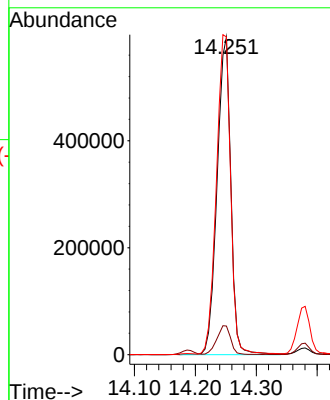
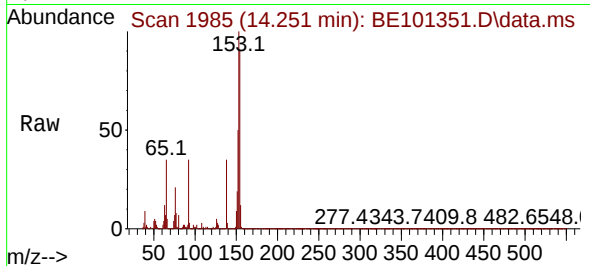




#53  
3-Nitroaniline  
Concen: 83.861 ng  
RT: 14.251 min Scan# 1985  
Delta R.T. 0.012 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

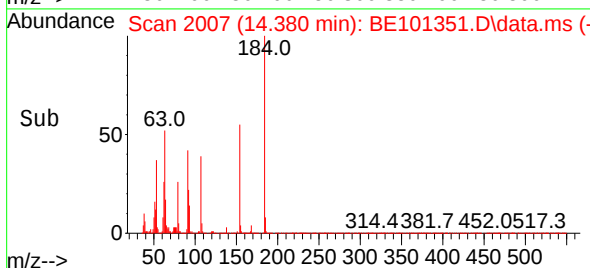
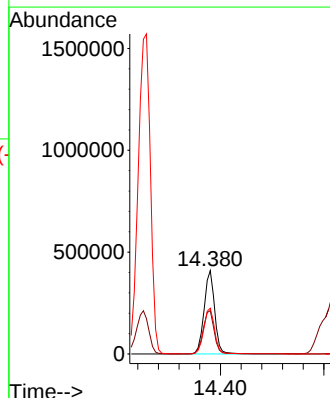
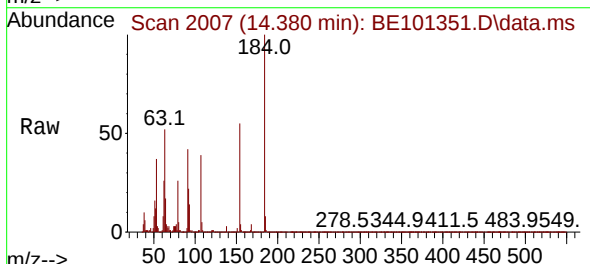
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

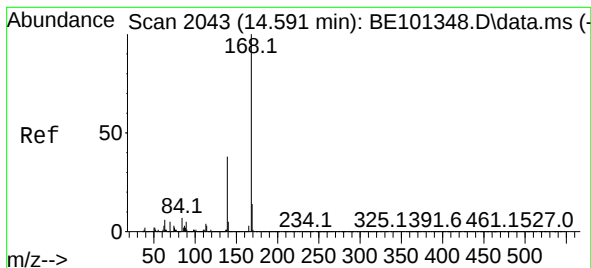
Tgt Ion:138 Resp: 925715  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.2 10.8  
92 100.0 85.7 128.5



#54  
2,4-Dinitrophenol  
Concen: 90.750 ng  
RT: 14.380 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:184 Resp: 579719  
Ion Ratio Lower Upper  
184 100  
63 52.0 42.5 63.7  
154 54.8 44.2 66.2





#55

Dibenzenofuran

Concen: 70.790 ng

RT: 14.598 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

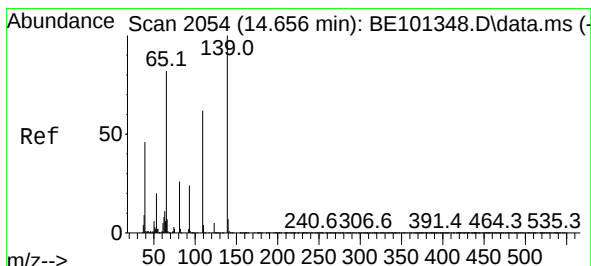
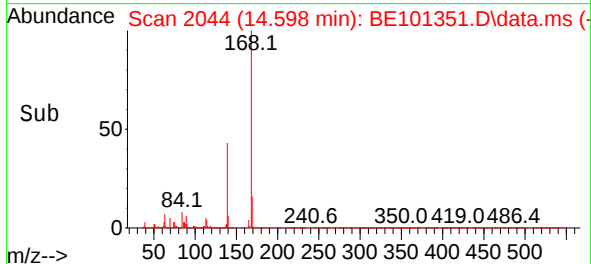
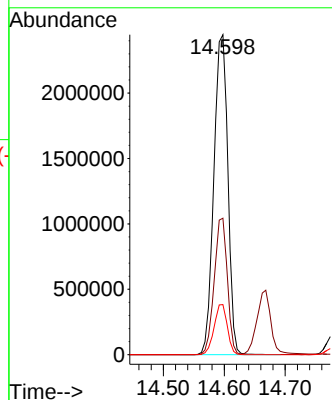
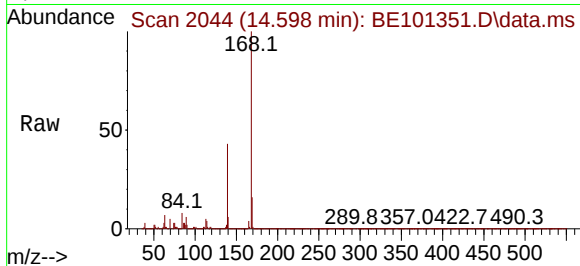
Tgt Ion:168 Resp: 3895973

Ion Ratio Lower Upper

168 100

139 42.6 30.5 45.7

169 15.7 11.4 17.2



#56

4-Nitrophenol

Concen: 86.367 ng

RT: 14.668 min Scan# 2056

Delta R.T. 0.012 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

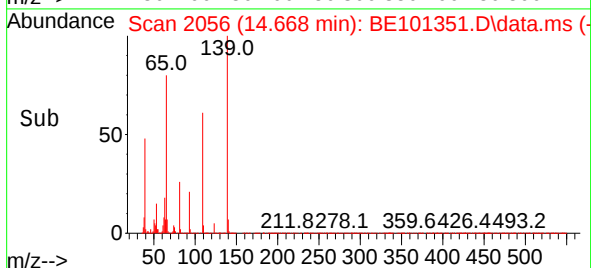
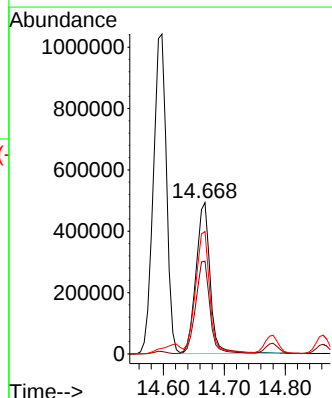
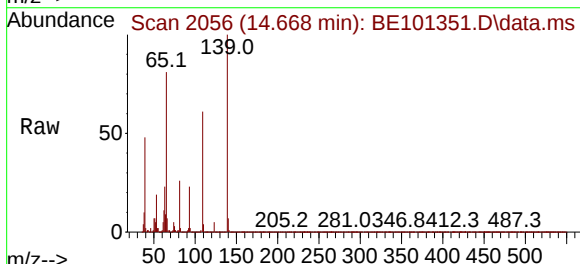
Tgt Ion:139 Resp: 792601

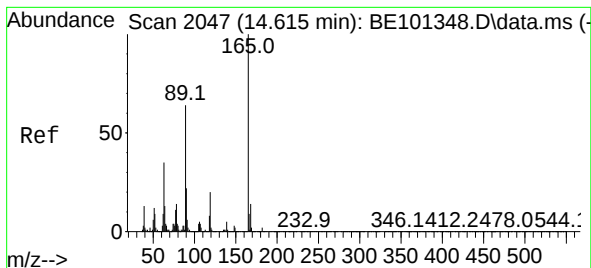
Ion Ratio Lower Upper

139 100

109 61.3 41.9 81.9

65 80.8 63.0 103.0





#57

2,4-Dinitrotoluene

Concen: 84.323 ng

RT: 14.621 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 1231844

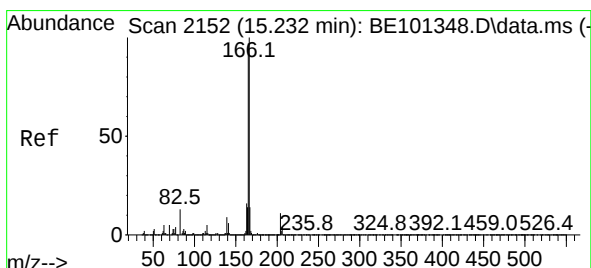
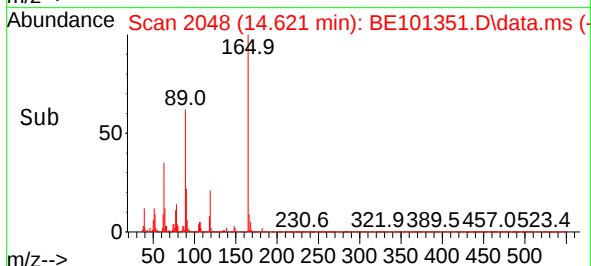
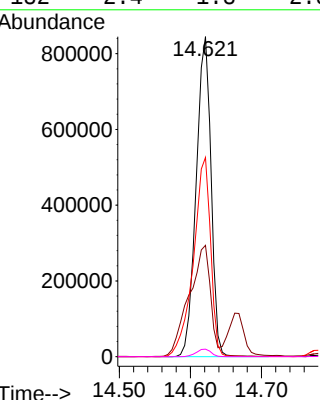
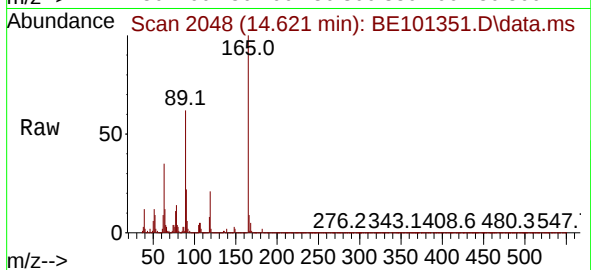
Ion Ratio Lower Upper

165 100

63 34.8 28.4 42.6

89 62.3 51.0 76.4

182 2.4 1.8 2.8



#58

Fluorene

Concen: 70.596 ng

RT: 15.232 min Scan# 2152

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

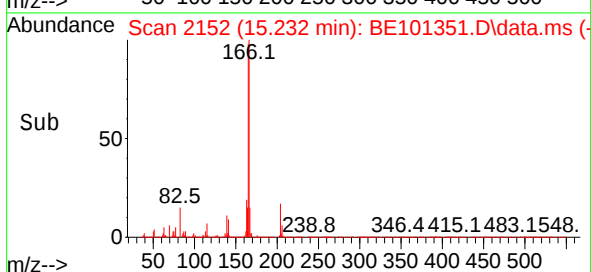
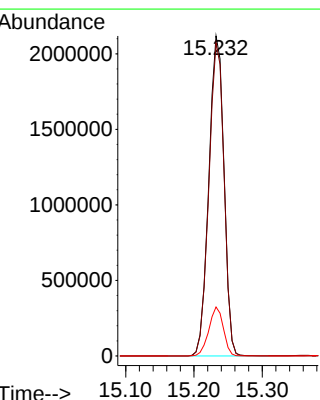
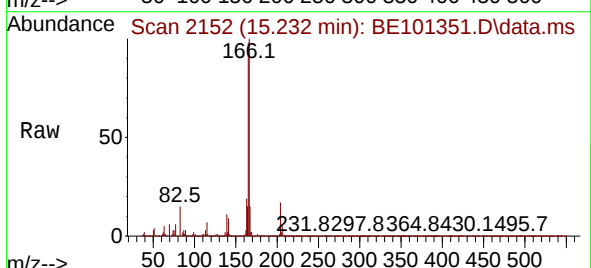
Tgt Ion:166 Resp: 3273695

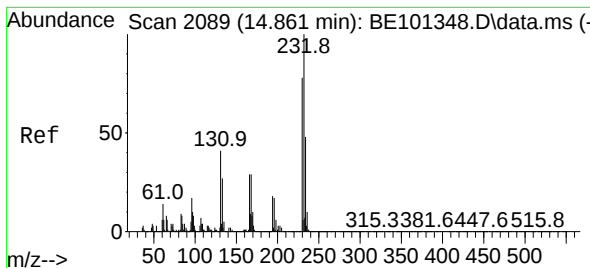
Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 15.3 11.0 16.6

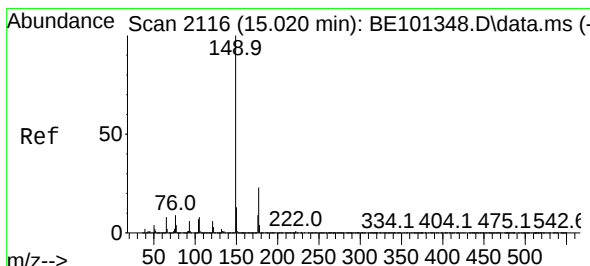
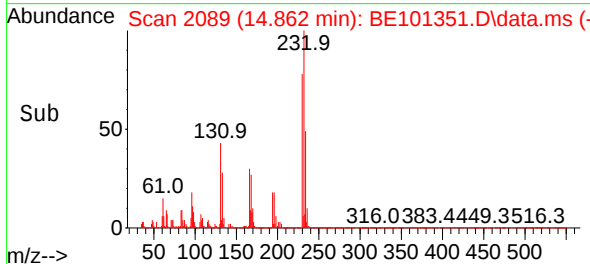
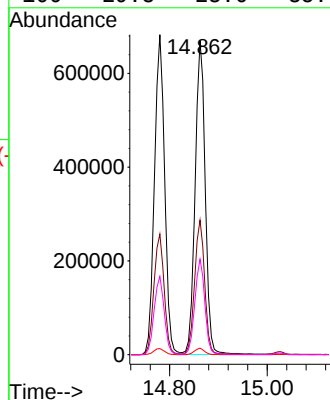
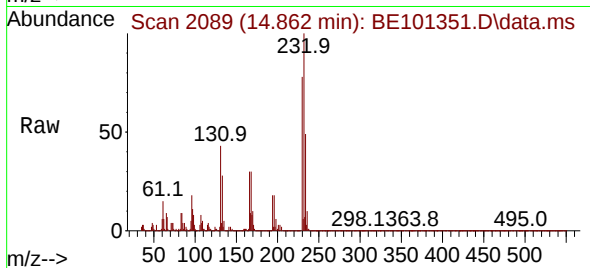




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 80.263 ng  
RT: 14.862 min Scan# 2089  
Delta R.T. 0.001 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

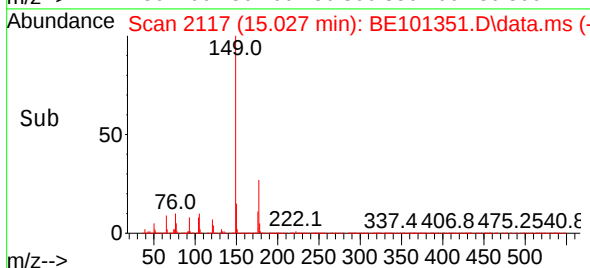
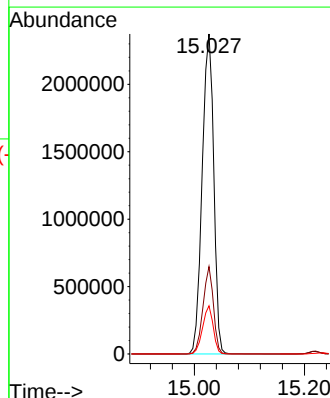
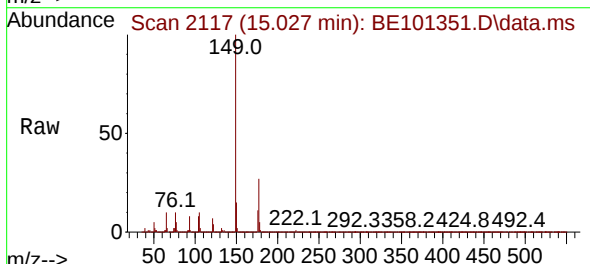
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

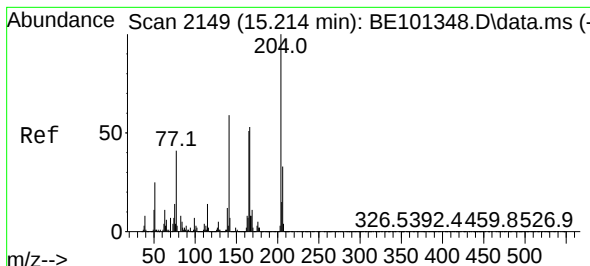
Tgt Ion:232 Resp: 970909  
Ion Ratio Lower Upper  
232 100  
131 42.6 34.2 51.4  
130 2.1 1.8 2.6  
166 29.8 23.6 35.4



#60  
Diethylphthalate  
Concen: 69.541 ng  
RT: 15.027 min Scan# 2117  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:149 Resp: 3459626  
Ion Ratio Lower Upper  
149 100  
177 27.3 18.4 27.6  
150 15.0 10.0 15.0#

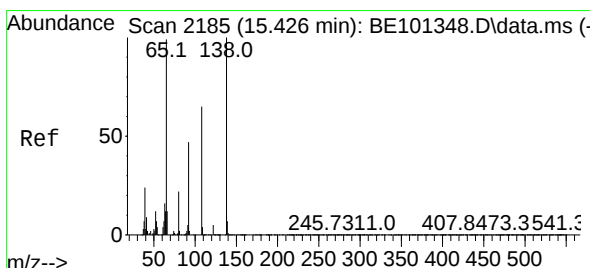
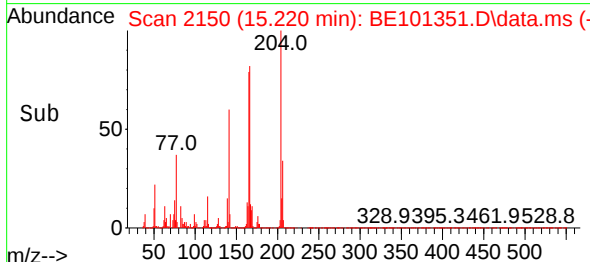
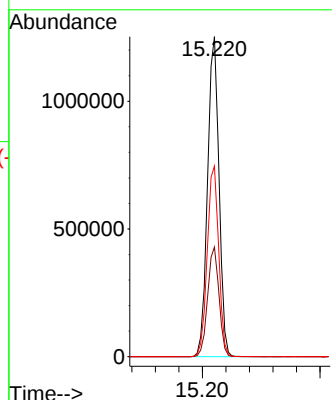
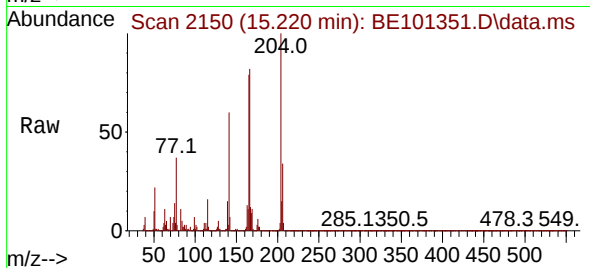




#61  
4-Chlorophenyl-phenylether  
Concen: 74.252 ng  
RT: 15.220 min Scan# 2149  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

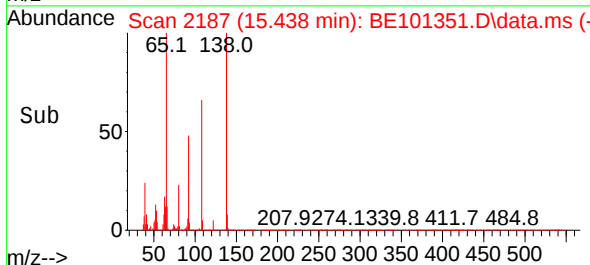
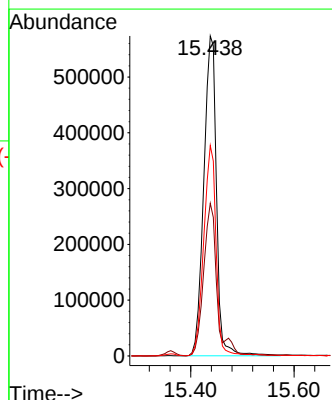
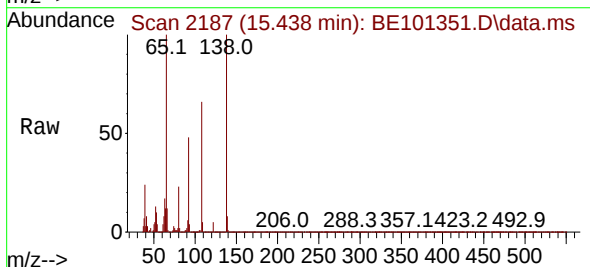
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

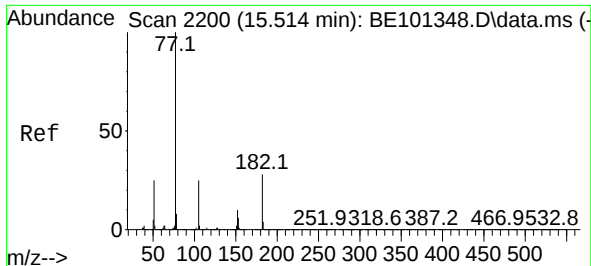
Tgt Ion:204 Resp: 1688953  
Ion Ratio Lower Upper  
204 100  
206 34.2 26.2 39.2  
141 59.5 47.2 70.8



#62  
4-Nitroaniline  
Concen: 85.149 ng  
RT: 15.438 min Scan# 2187  
Delta R.T. 0.012 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:138 Resp: 979554  
Ion Ratio Lower Upper  
138 100  
92 47.7 26.8 66.8  
108 65.8 44.7 84.7

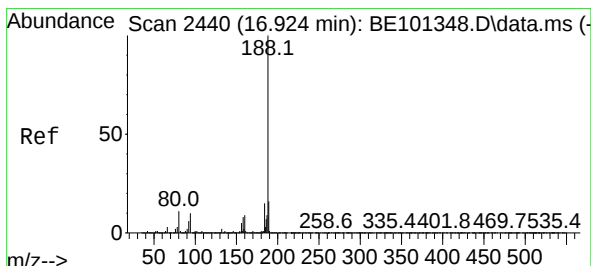
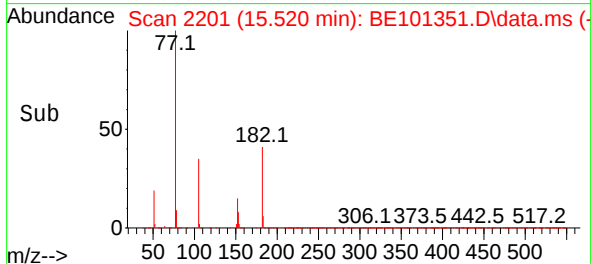
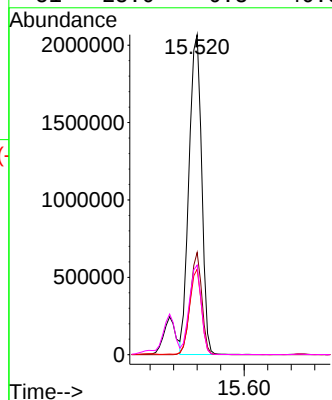
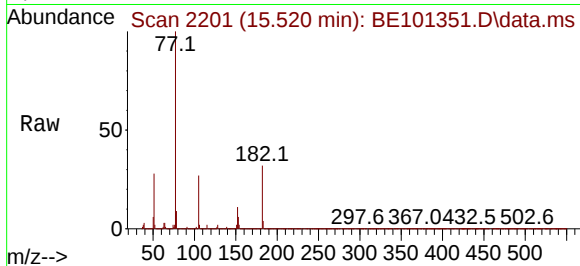




#63  
Azobenzene  
Concen: 72.246 ng  
RT: 15.520 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

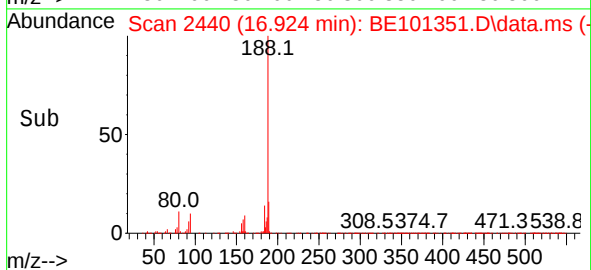
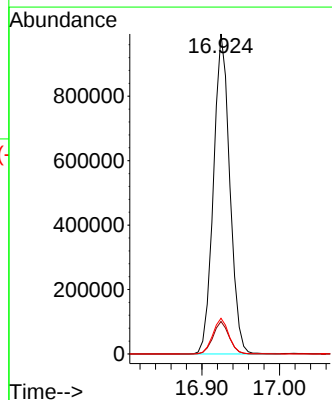
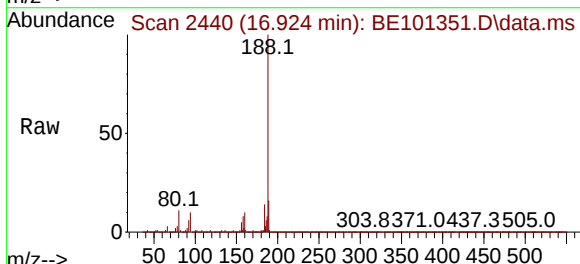
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

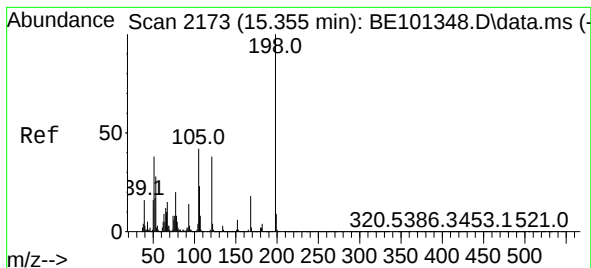
Tgt Ion: 77 Resp: 3071395  
Ion Ratio Lower Upper  
77 100  
182 31.9 7.8 47.8  
105 26.7 4.3 44.3  
51 28.0 6.3 46.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.924 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:188 Resp: 1453596  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.2 12.2  
80 11.2 8.6 13.0

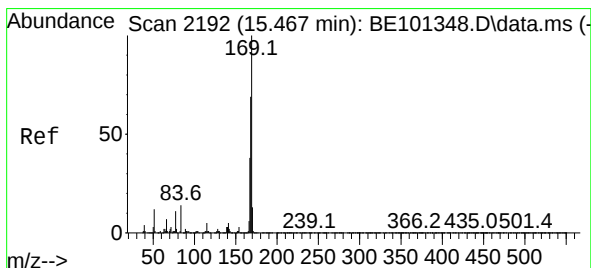
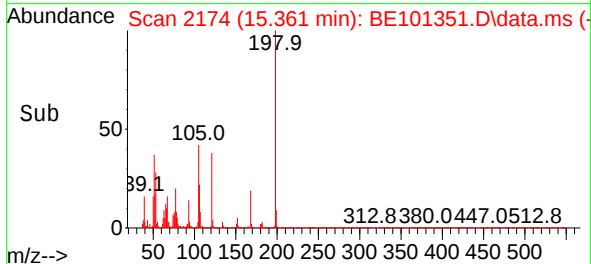
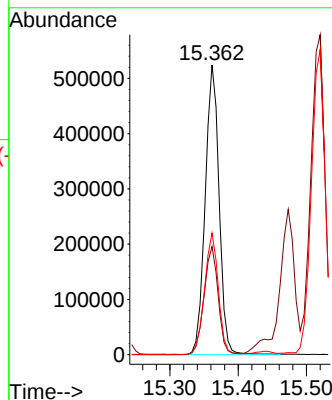
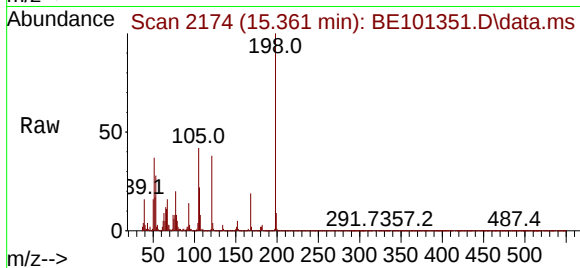




#65  
4,6-Dinitro-2-methylphenol  
Concen: 90.124 ng  
RT: 15.361 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

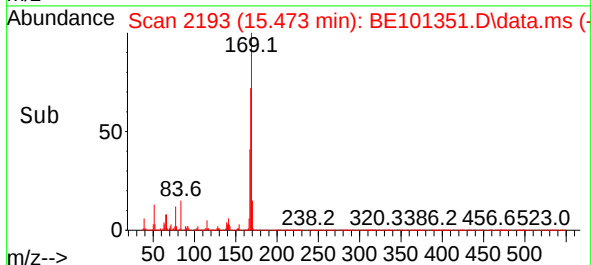
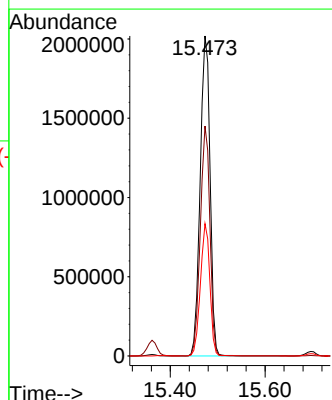
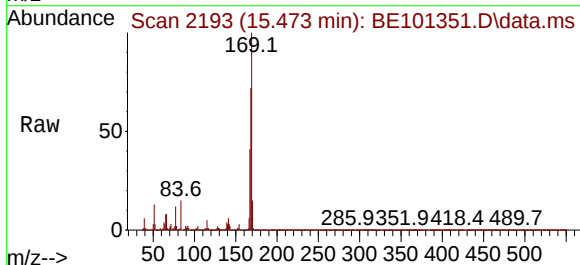
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

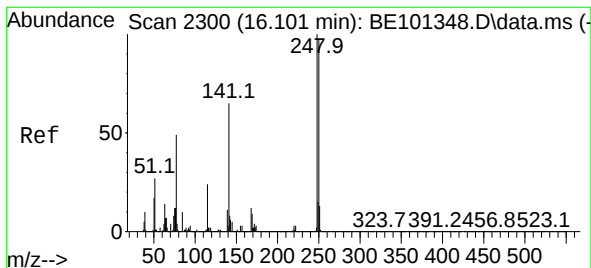
Tgt Ion:198 Resp: 743886  
Ion Ratio Lower Upper  
198 100  
51 37.3 18.1 58.1  
105 41.9 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 75.160 ng  
RT: 15.473 min Scan# 2193  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:169 Resp: 2912140  
Ion Ratio Lower Upper  
169 100  
168 71.8 55.1 82.7  
167 41.4 30.5 45.7

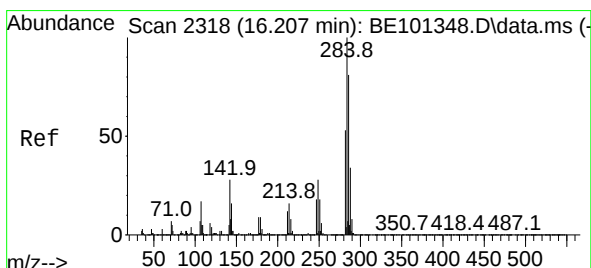
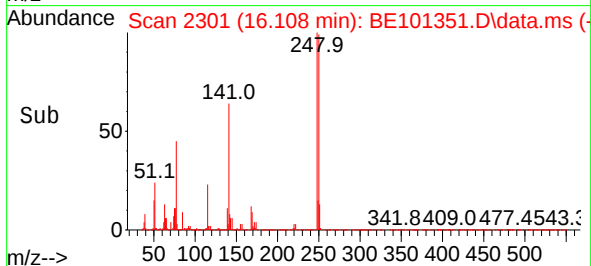
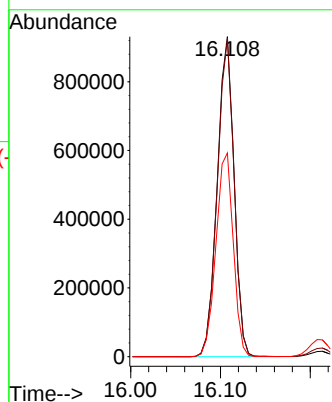
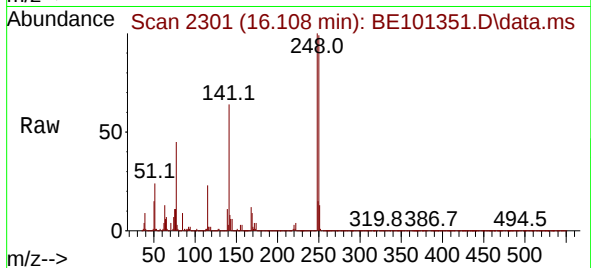




#67  
4-Bromophenyl-phenylether  
Concen: 80.348 ng  
RT: 16.108 min Scan# 2301  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

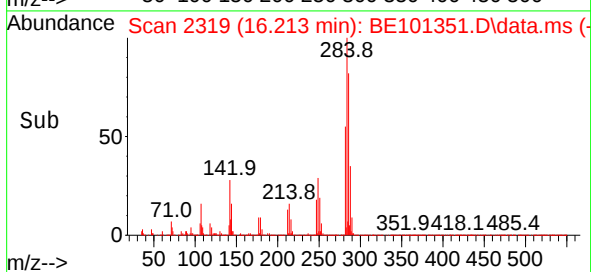
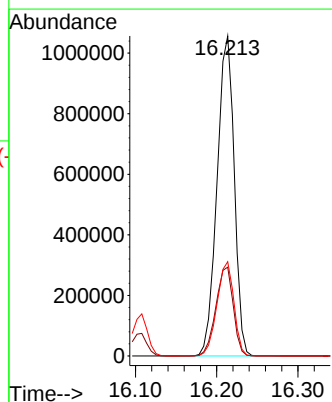
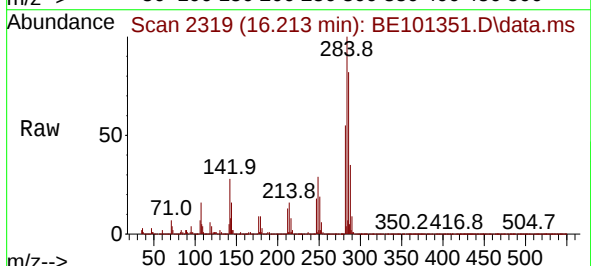
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

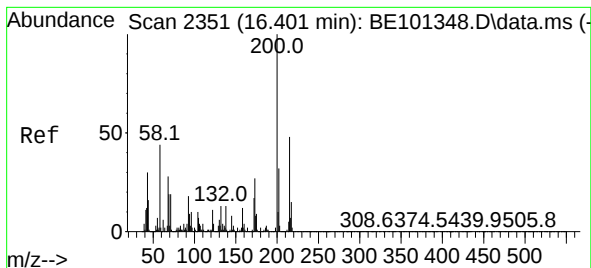
Tgt Ion:248 Resp: 1213325  
Ion Ratio Lower Upper  
248 100  
250 99.4 77.7 116.5  
141 63.7 51.8 77.8



#68  
Hexachlorobenzene  
Concen: 79.660 ng  
RT: 16.213 min Scan# 2319  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:284 Resp: 1554670  
Ion Ratio Lower Upper  
284 100  
142 27.8 22.1 33.1  
249 29.5 22.7 34.1





#69

Atrazine

Concen: 68.773 ng

RT: 16.407 min Scan# 2351

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

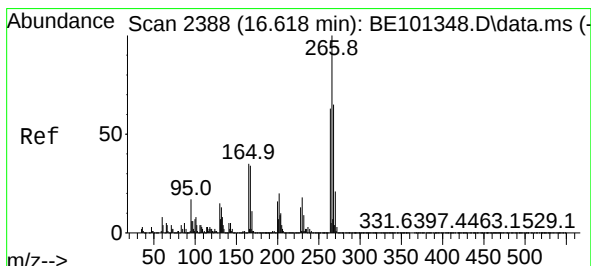
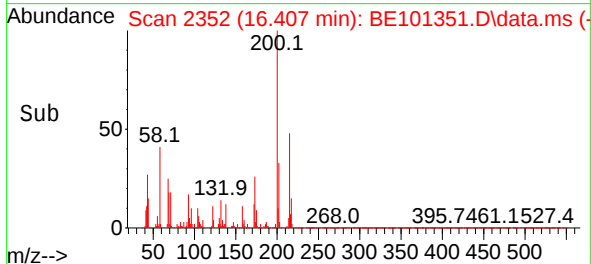
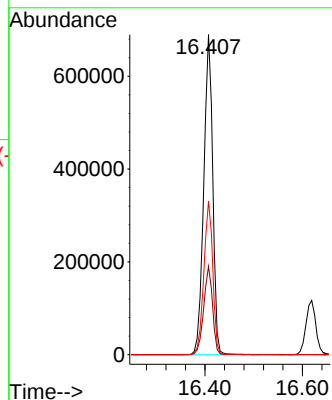
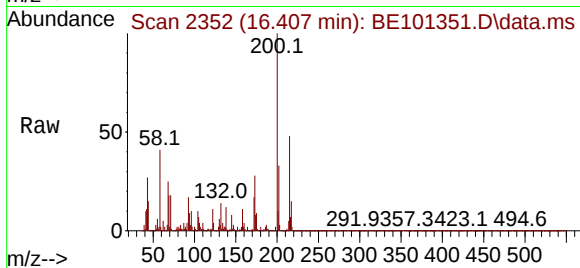
Tgt Ion:200 Resp: 879920

Ion Ratio Lower Upper

200 100

173 27.6 6.9 46.9

215 48.0 27.8 67.8



#70

Pentachlorophenol

Concen: 88.706 ng

RT: 16.619 min Scan# 2388

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

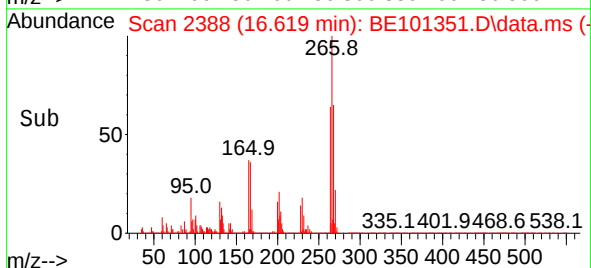
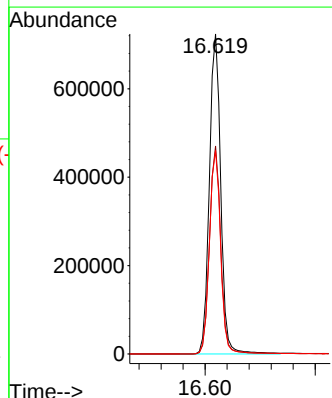
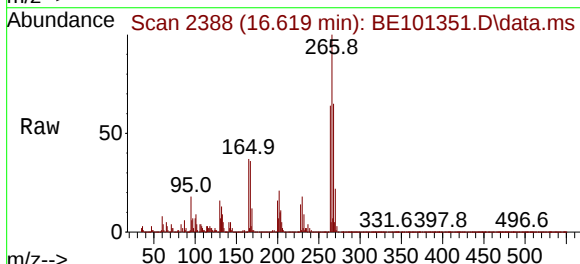
Tgt Ion:266 Resp: 1034354

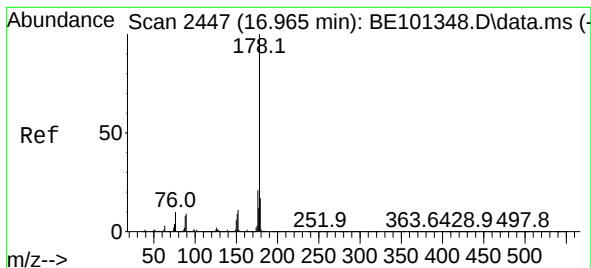
Ion Ratio Lower Upper

266 100

268 65.0 52.2 78.4

264 63.6 50.5 75.7





#71

Phenanthrene

Concen: 67.248 ng

RT: 16.971 min Scan# 2448

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

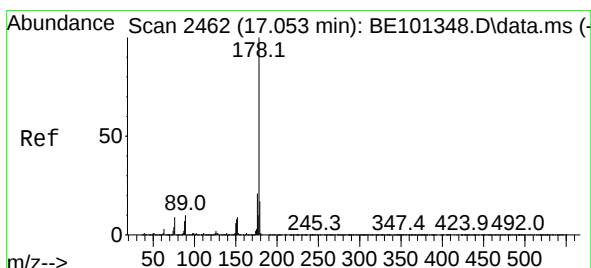
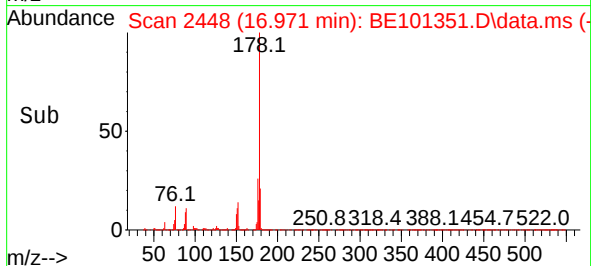
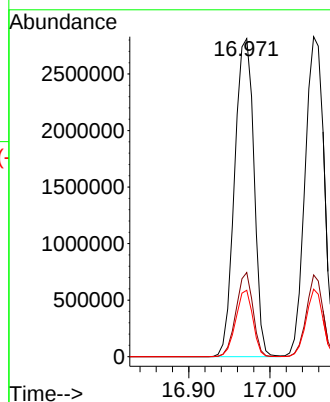
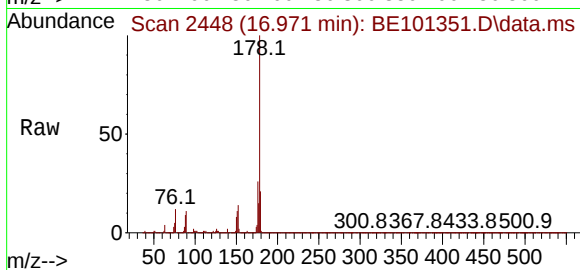
Tgt Ion:178 Resp: 4642634

Ion Ratio Lower Upper

178 100

176 26.5 16.8 25.2#

179 20.9 13.3 19.9#



#72

Anthracene

Concen: 68.992 ng

RT: 17.054 min Scan# 2462

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

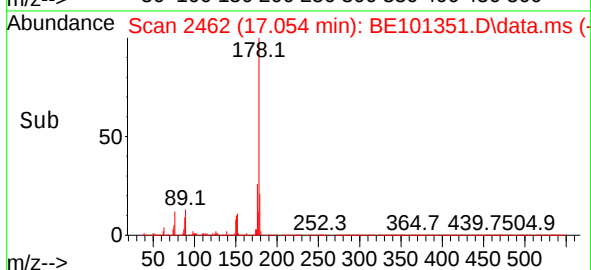
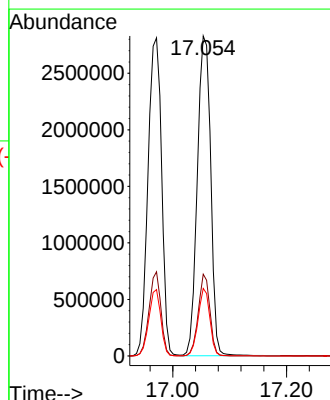
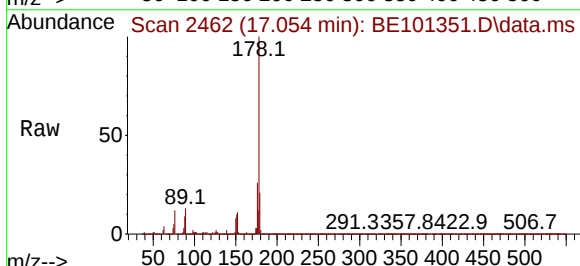
Tgt Ion:178 Resp: 4634961

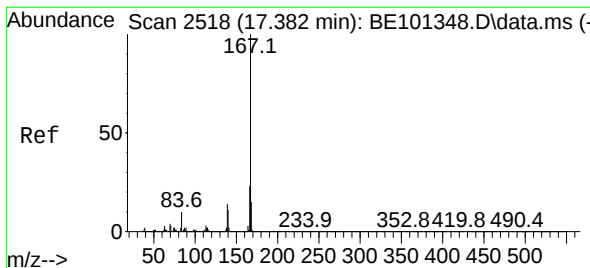
Ion Ratio Lower Upper

178 100

176 25.5 16.4 24.6#

179 21.1 13.4 20.0#





#73

Carbazole

Concen: 69.218 ng

RT: 17.389 min Scan# 2519

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

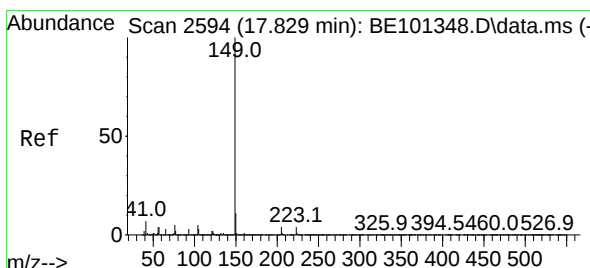
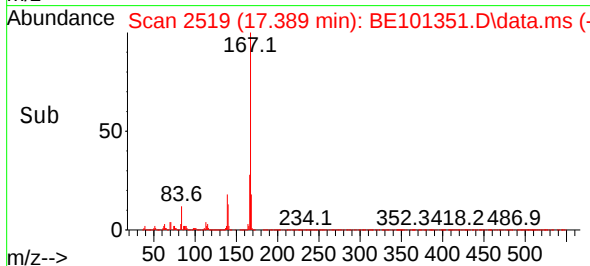
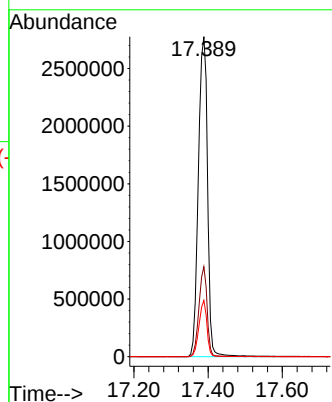
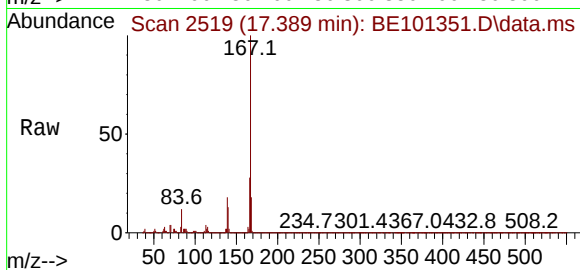
Tgt Ion:167 Resp: 4765403

Ion Ratio Lower Upper

167 100

166 28.1 18.4 27.6#

139 17.6 11.1 16.7#



#74

Di-n-butylphthalate

Concen: 64.814 ng

RT: 17.835 min Scan# 2595

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

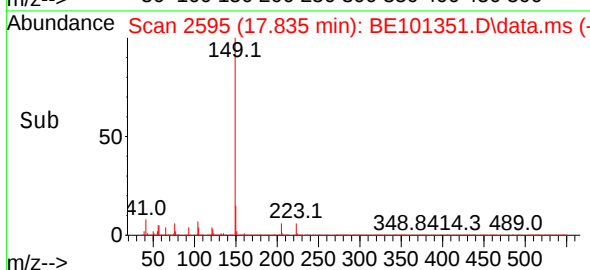
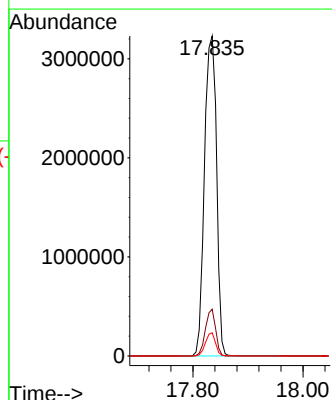
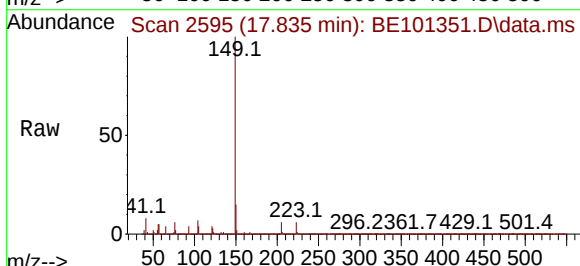
Tgt Ion:149 Resp: 4899498

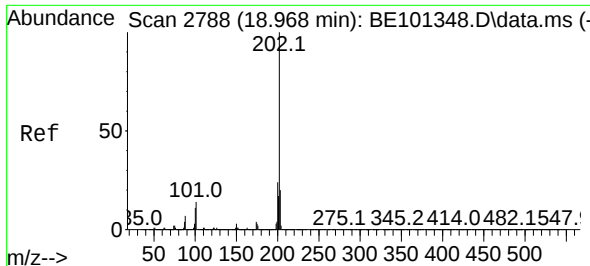
Ion Ratio Lower Upper

149 100

150 14.6 9.0 13.6#

104 7.2 4.4 6.6#

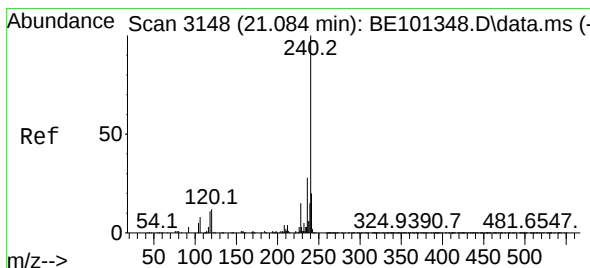
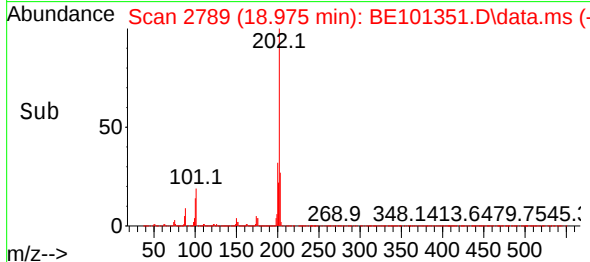
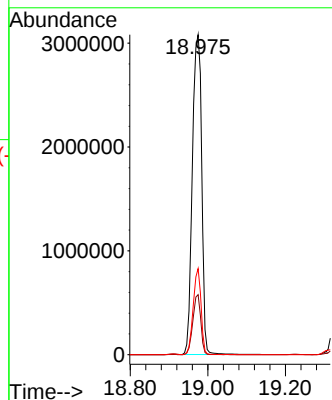
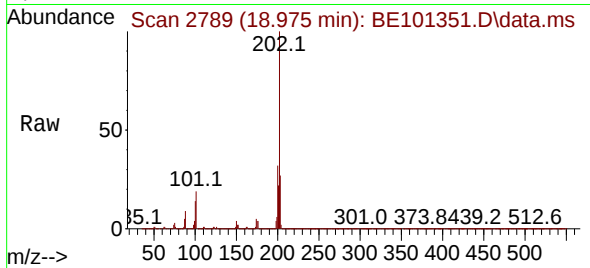




#75  
Fluoranthene  
Concen: 61.909 ng  
RT: 18.975 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

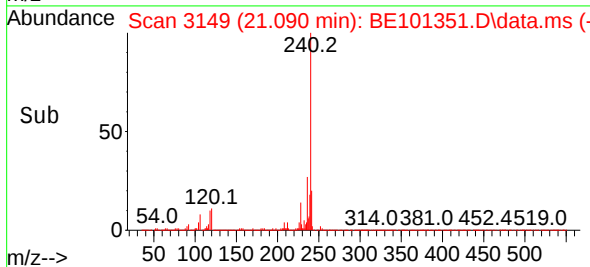
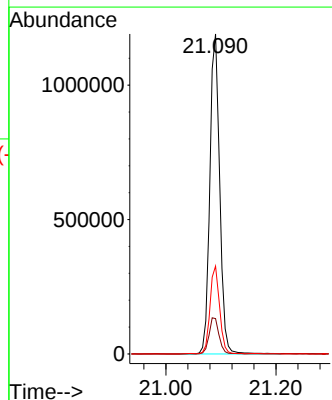
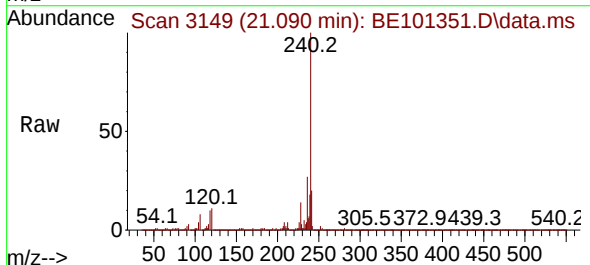
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC080

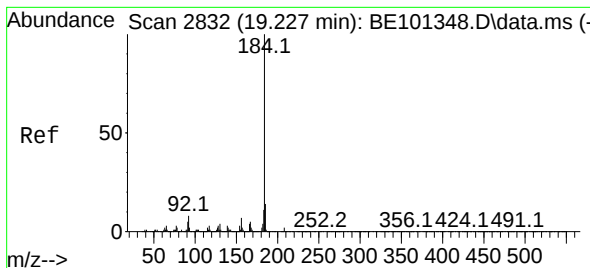
Tgt Ion:202 Resp: 5145285  
Ion Ratio Lower Upper  
202 100  
101 18.8 0.0 34.2  
203 26.9 0.4 40.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.090 min Scan# 3149  
Delta R.T. 0.006 min  
Lab File: BE101351.D  
Acq: 17 Sep 2024 13:58

Tgt Ion:240 Resp: 1472365  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.8 14.8  
236 27.4 22.1 33.1





#77

Benzidine

Concen: 49.615 ng

RT: 19.228 min Scan# 2832

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

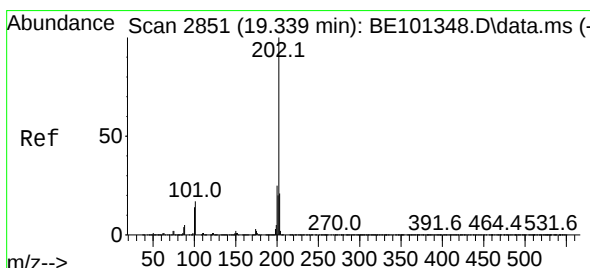
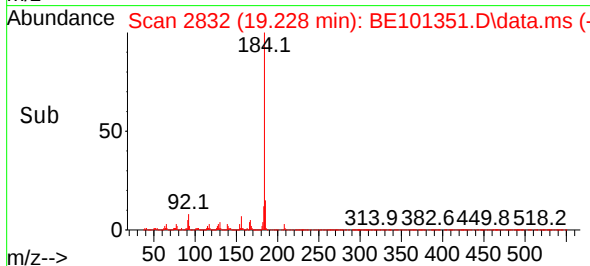
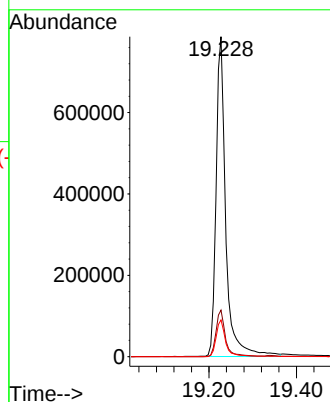
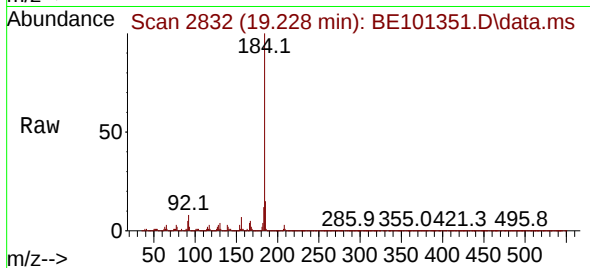
Tgt Ion:184 Resp: 1210538

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.5 9.1 13.7



#78

Pyrene

Concen: 65.534 ng

RT: 19.345 min Scan# 2852

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

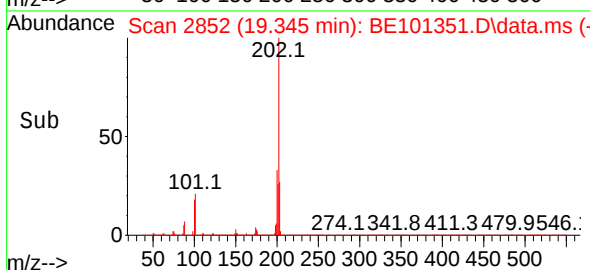
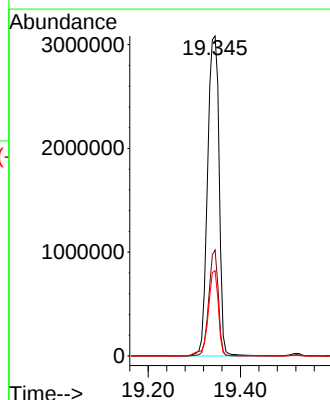
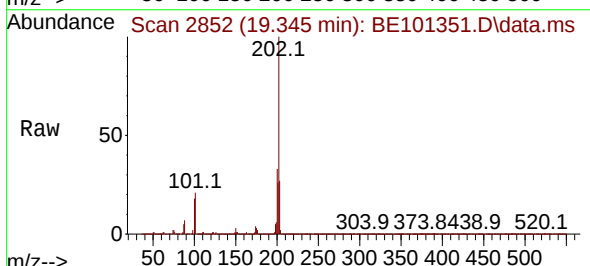
Tgt Ion:202 Resp: 5366490

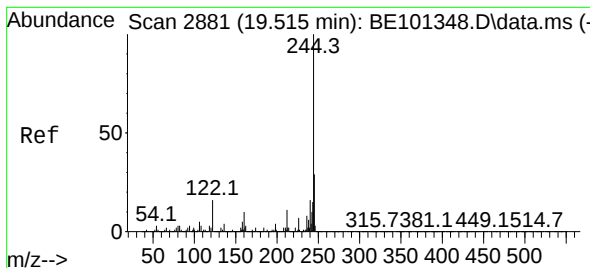
Ion Ratio Lower Upper

202 100

200 33.1 20.2 30.2#

203 26.6 16.6 25.0#





#79

Terphenyl-d14

Concen: 98.459 ng

RT: 19.521 min Scan# 21

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

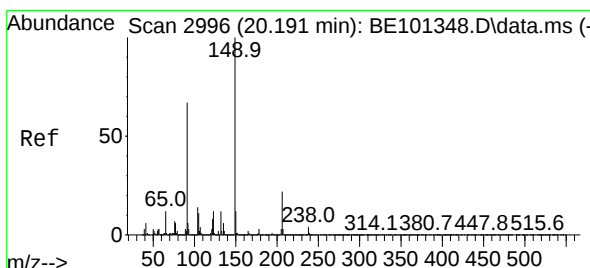
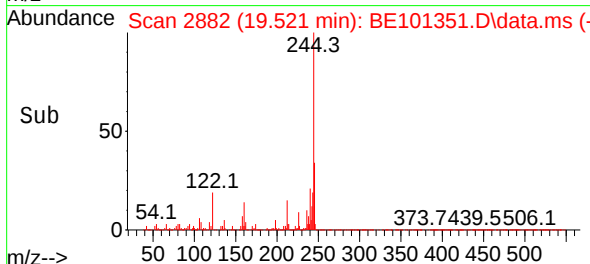
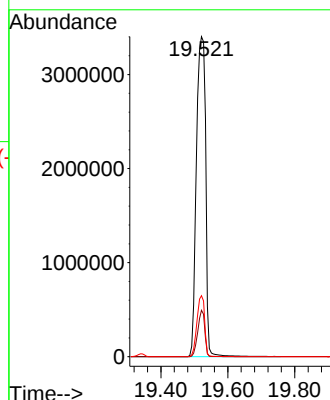
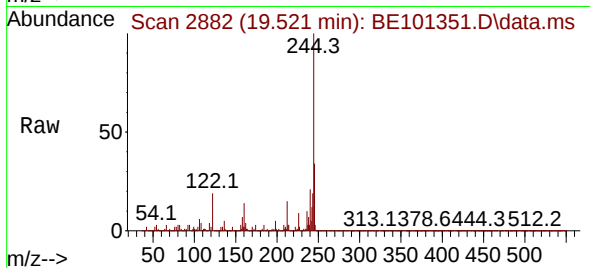
Tgt Ion:244 Resp: 6537933

Ion Ratio Lower Upper

244 100

212 14.5 8.5 12.7#

122 19.1 13.1 19.7



#80

Butylbenzylphthalate

Concen: 76.476 ng

RT: 20.191 min Scan# 2996

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

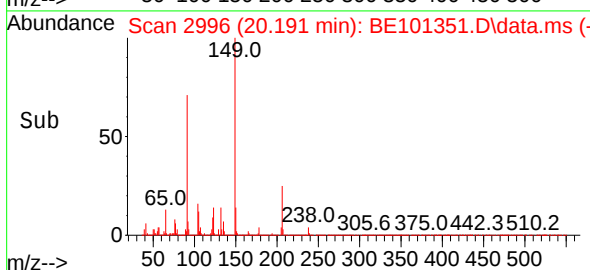
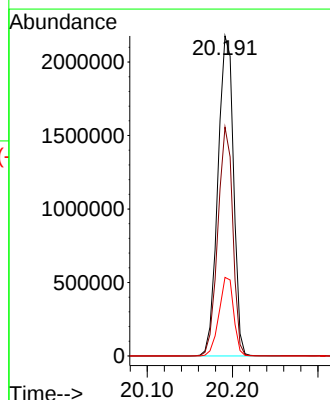
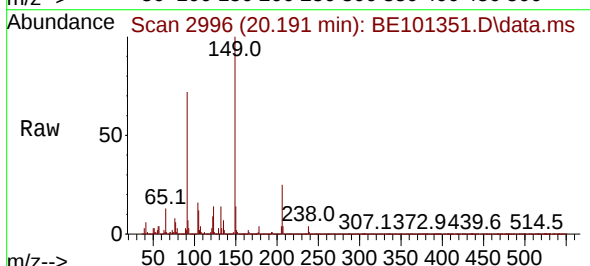
Tgt Ion:149 Resp: 2772210

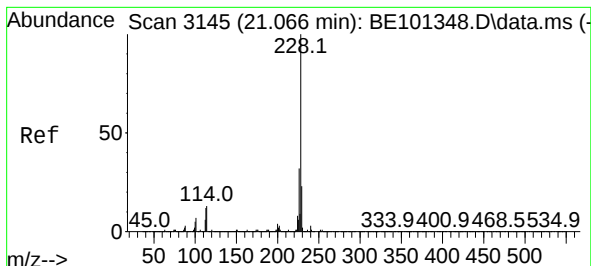
Ion Ratio Lower Upper

149 100

91 71.5 53.4 80.2

206 24.6 17.4 26.0





#81

Benzo(a)anthracene

Concen: 63.730 ng

RT: 21.067 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

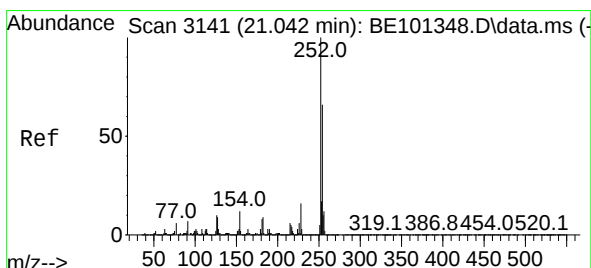
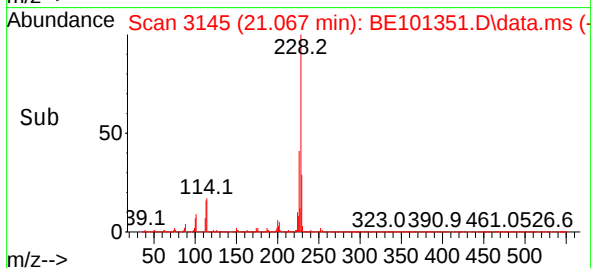
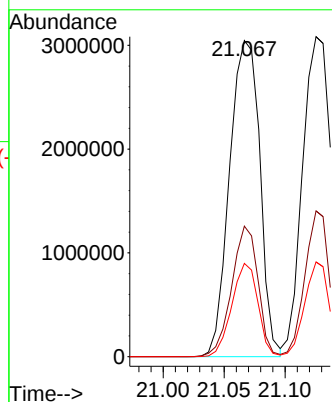
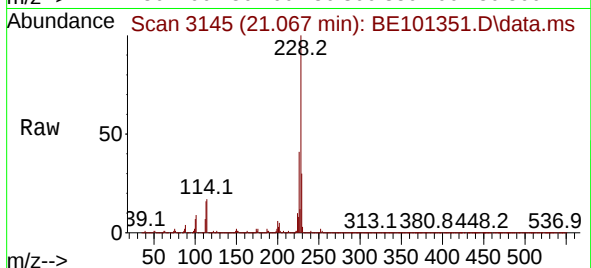
Tgt Ion:228 Resp: 5269556

Ion Ratio Lower Upper

228 100

226 41.3 25.7 38.5#

229 29.5 18.6 28.0#



#82

3,3'-Dichlorobenzidine

Concen: 74.662 ng

RT: 21.043 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

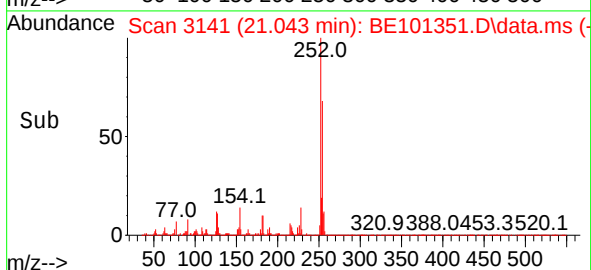
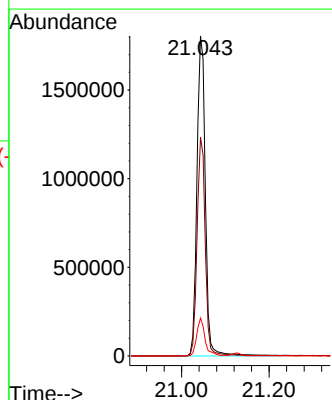
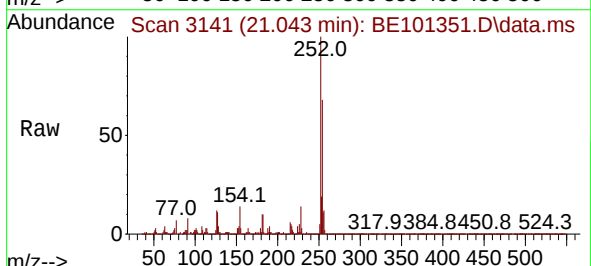
Tgt Ion:252 Resp: 2418970

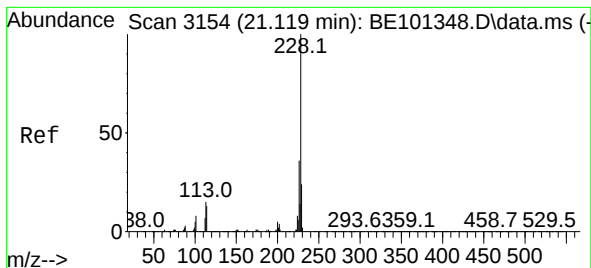
Ion Ratio Lower Upper

252 100

254 68.3 52.5 78.7

126 11.8 8.0 12.0





#83

Chrysene

Concen: 62.996 ng

RT: 21.125 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

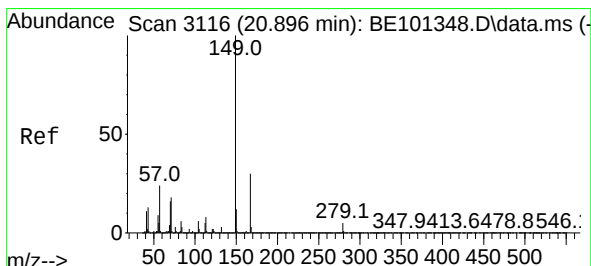
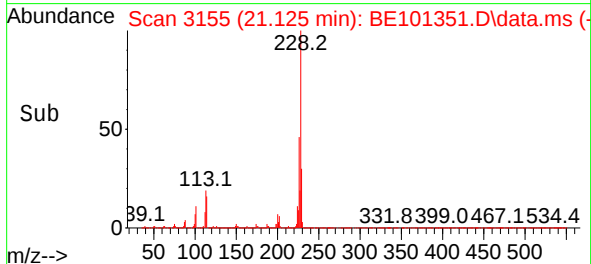
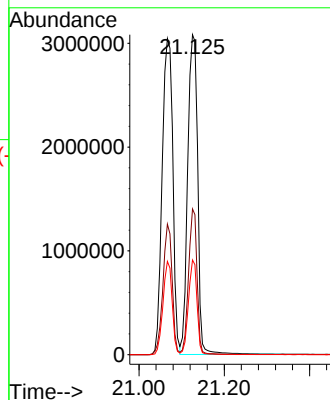
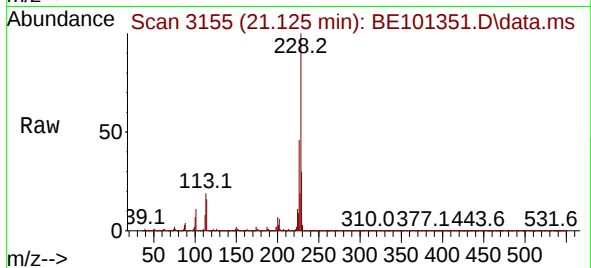
Tgt Ion:228 Resp: 5003718

Ion Ratio Lower Upper

228 100

226 45.6 28.4 42.6#

229 29.6 19.0 28.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.937 ng

RT: 20.896 min Scan# 3116

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

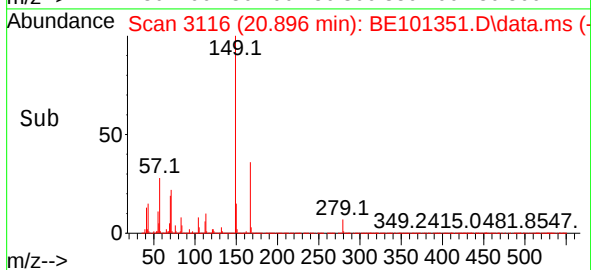
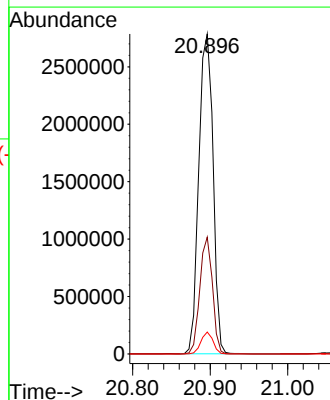
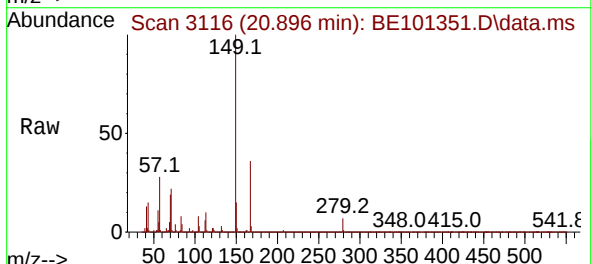
Tgt Ion:149 Resp: 3544433

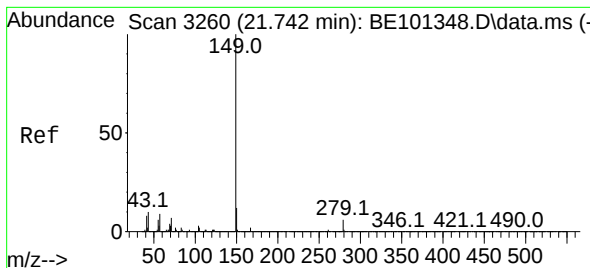
Ion Ratio Lower Upper

149 100

167 36.5 23.9 35.9#

279 6.9 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 66.727 ng

RT: 21.748 min Scan# 3260

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

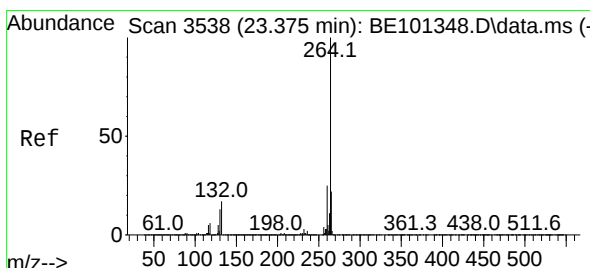
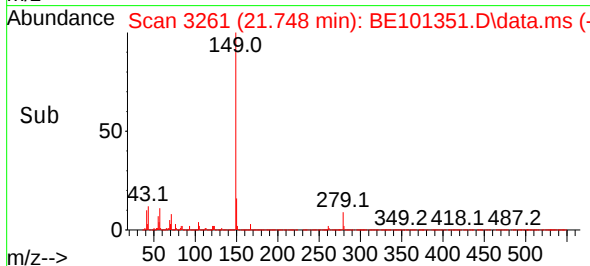
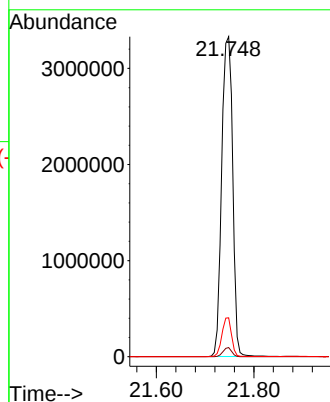
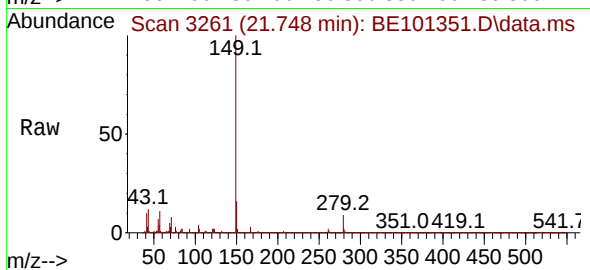
Tgt Ion:149 Resp: 5221565

Ion Ratio Lower Upper

149 100

167 2.3 1.4 2.2#

43 10.7 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.376 min Scan# 3538

Delta R.T. 0.001 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

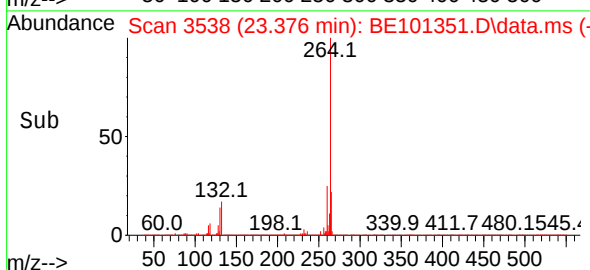
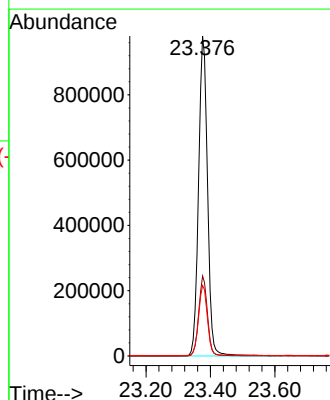
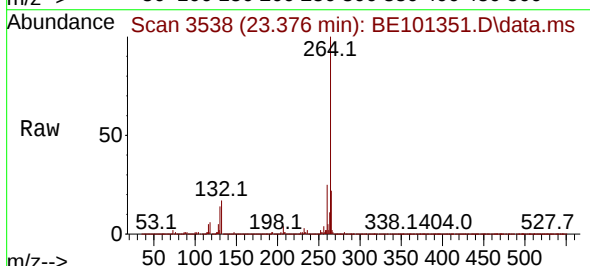
Tgt Ion:264 Resp: 1885586

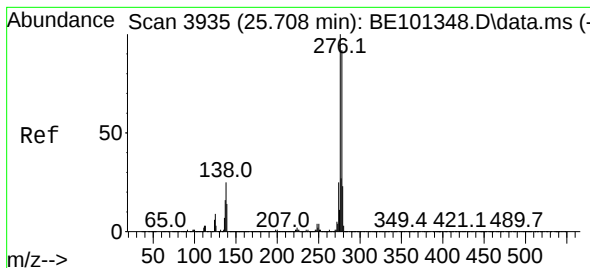
Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 73.681 ng

RT: 25.738 min Scan# 3940

Delta R.T. 0.030 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

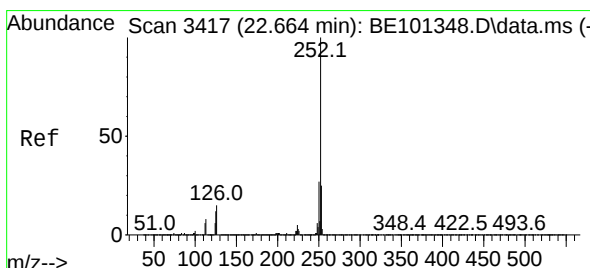
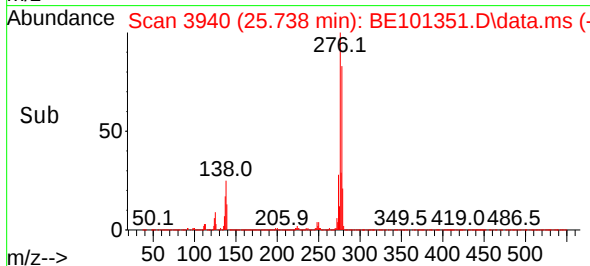
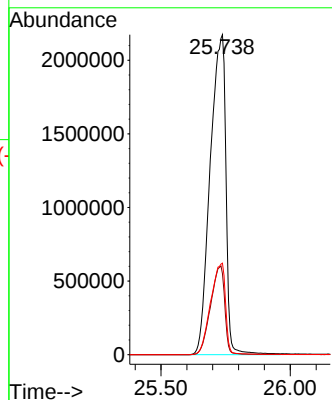
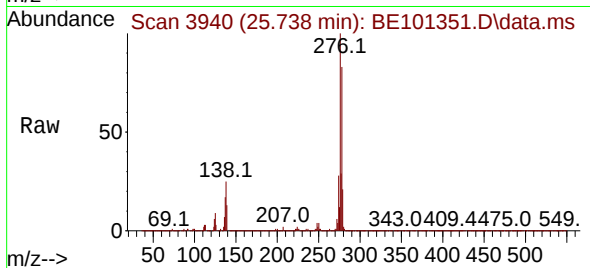
Tgt Ion:276 Resp: 9153249

Ion Ratio Lower Upper

276 100

138 24.9 19.2 28.8

277 27.1 20.8 31.2



#88

Benzo(b)fluoranthene

Concen: 67.217 ng

RT: 22.676 min Scan# 3419

Delta R.T. 0.012 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

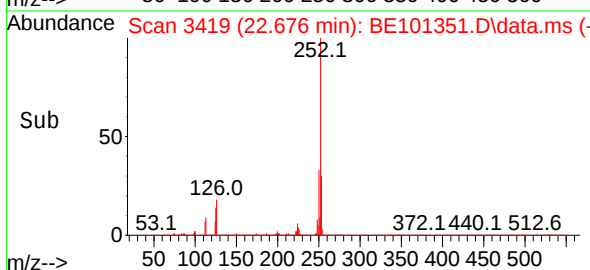
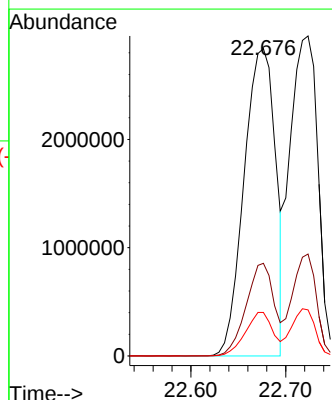
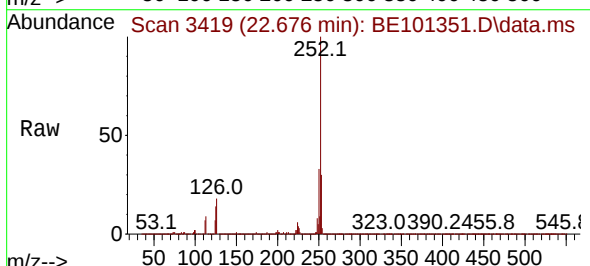
Tgt Ion:252 Resp: 6564281

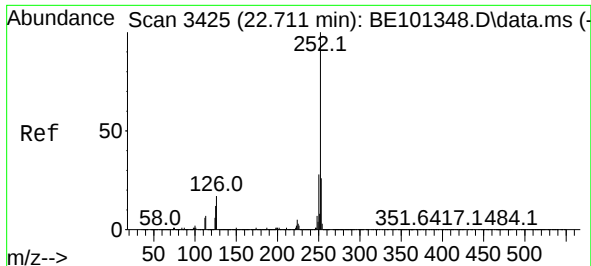
Ion Ratio Lower Upper

252 100

253 30.1 20.2 30.2

125 14.2 9.4 14.0#





#89

Benzo(k)fluoranthene

Concen: 66.454 ng

RT: 22.723 min Scan# 3425

Delta R.T. 0.012 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

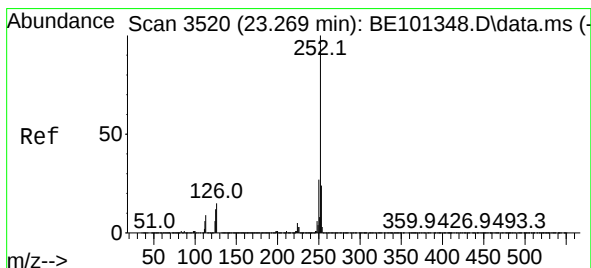
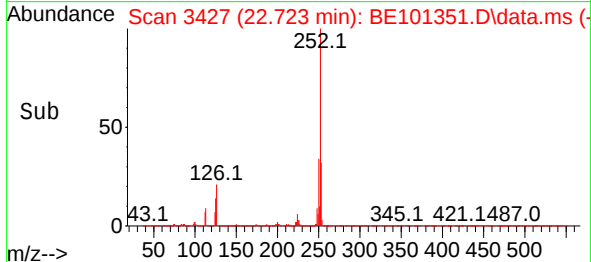
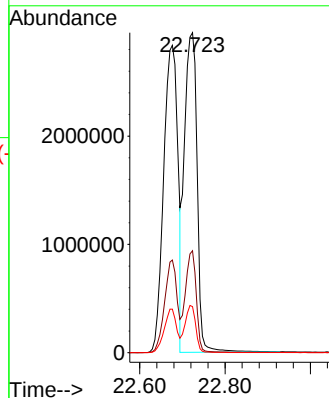
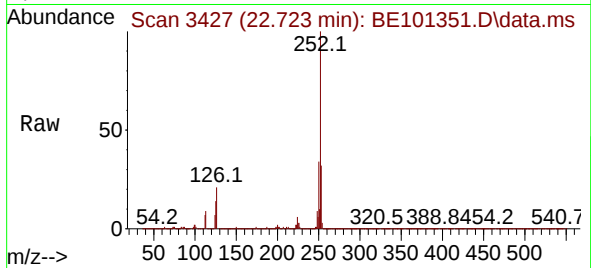
Tgt Ion:252 Resp: 6125199

Ion Ratio Lower Upper

252 100

253 31.8 20.2 30.4#

125 14.4 9.4 14.0#



#90

Benzo(a)pyrene

Concen: 71.789 ng

RT: 23.276 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

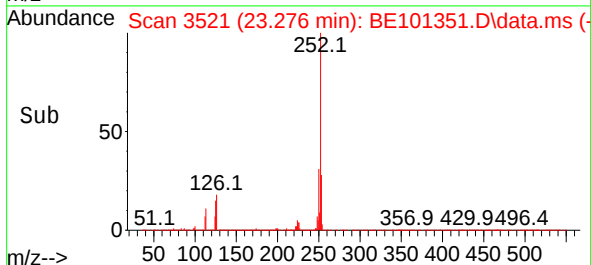
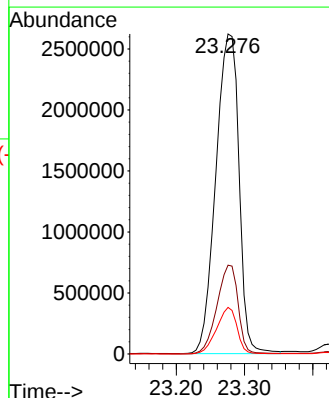
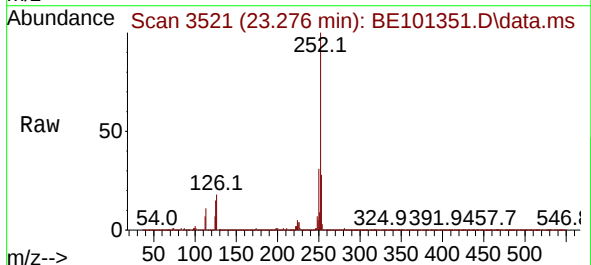
Tgt Ion:252 Resp: 6187233

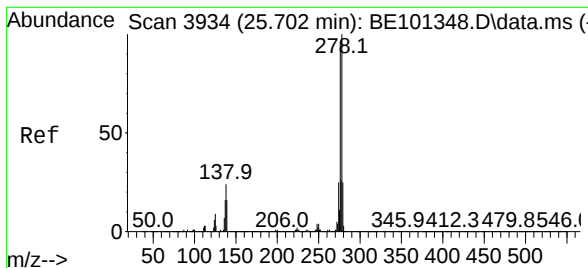
Ion Ratio Lower Upper

252 100

253 27.8 19.0 28.6

125 14.6 9.6 14.4#





#91

Dibenzo(a,h)anthracene

Concen: 71.703 ng

RT: 25.726 min Scan# 3934

Delta R.T. 0.024 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Instrument :

BNA\_E

ClientSampleId :

SSTDICC080

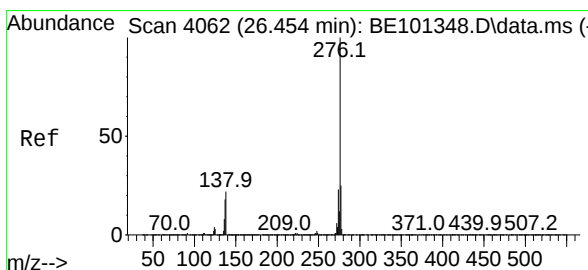
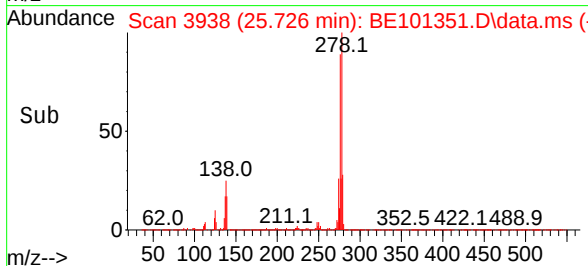
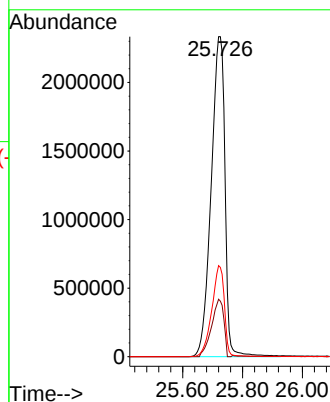
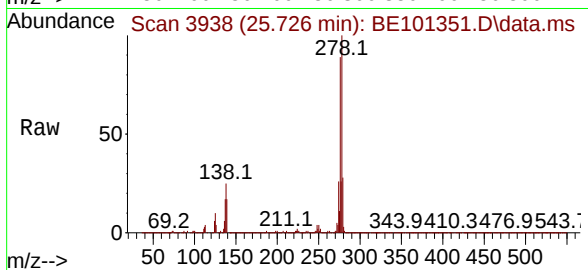
Tgt Ion:278 Resp: 7457583

Ion Ratio Lower Upper

278 100

139 17.4 12.4 18.6

279 27.9 19.8 29.8



#92

Benzo(g,h,i)perylene

Concen: 75.736 ng

RT: 26.478 min Scan# 4066

Delta R.T. 0.024 min

Lab File: BE101351.D

Acq: 17 Sep 2024 13:58

Tgt Ion:276 Resp: 7998138

Ion Ratio Lower Upper

276 100

277 27.3 19.8 29.8

138 22.7 17.4 26.0

