

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE091824\  
 Data File : BE101368.D  
 Acq On : 18 Sep 2024 17:52  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc : LOD-MDL-WATER-8PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Sep 18 18:31:03 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 16:03:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.576  | 152  | 159927   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.343 | 136  | 787168   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.186 | 164  | 583393   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.924 | 188  | 1373726  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.083 | 240  | 1537507  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.375 | 264  | 1938420  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.320  | 112  | 731285   | 79.950 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.953  | 99   | 1036260  | 79.917 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.786  | 82   | 1045095  | 84.172 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.690 | 330  | 837888   | 85.390 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.811 | 172  | 2690917  | 79.707 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.515 | 244  | 4674835  | 67.418 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.204  | 88   | 139660   | 40.099 | ng    | 99       |
| 3) Pyridine                   | 3.651  | 79   | 327931   | 32.686 | ng    | 99       |
| 6) Aniline                    | 7.018  | 93   | 467319   | 42.957 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.217  | 128  | 441308   | 40.151 | ng    | 99       |
| 9) Benzaldehyde               | 6.783  | 77   | 278244   | 46.690 | ng    | 95       |
| 10) Phenol                    | 6.976  | 94   | 582531   | 40.872 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.041  | 93   | 460314   | 38.162 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.458  | 146  | 461045   | 39.030 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.605  | 146  | 468977   | 38.966 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.940  | 146  | 466182   | 39.090 | ng    | 97       |
| 15) Benzyl Alcohol            | 7.911  | 79   | 344932   | 44.675 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.075  | 45   | 587411   | 38.639 | ng    | 99       |
| 17) 2-Methylphenol            | 8.157  | 107  | 383257   | 40.583 | ng    | 99       |
| 18) Hexachloroethane          | 8.633  | 117  | 160333   | 40.734 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.381  | 70   | 372287   | 40.680 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.492  | 107  | 538941   | 40.558 | ng    | 97       |
| 22) Acetophenone              | 8.428  | 105  | 743959   | 40.757 | ng    | # 100    |
| 24) Nitrobenzene              | 8.827  | 77   | 550998   | 41.566 | ng    | 99       |
| 25) Isophorone                | 9.280  | 82   | 1036269  | 40.769 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.515  | 139  | 269765   | 43.120 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.632  | 122  | 333031   | 41.465 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.779  | 93   | 619918   | 40.320 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.061 | 162  | 454638   | 41.337 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.190 | 180  | 472671   | 39.765 | ng    | 99       |
| 31) Naphthalene               | 10.390 | 128  | 1587624  | 39.972 | ng    | 99       |
| 32) Benzoic acid              | 9.891  | 122  | 327852   | 39.779 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.619 | 127  | 635364   | 41.812 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.643 | 225  | 275822   | 39.940 | ng    | 99       |
| 35) Caprolactam               | 11.401 | 113  | 134542   | 30.280 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.788 | 107  | 542060   | 41.710 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.982 | 142  | 1163480  | 40.054 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.206 | 142  | 1165678  | 40.000 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.335 | 216  | 554822   | 39.479 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.323 | 237  | 195684   | 42.377 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.658 | 196  | 409818   | 41.176 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol     | 12.758 | 196  | 465146   | 41.421 | ng    | 99       |

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 Sample : SSTDCCC040  
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 17 16:03:42 2024  
 Response via : Initial Calibration

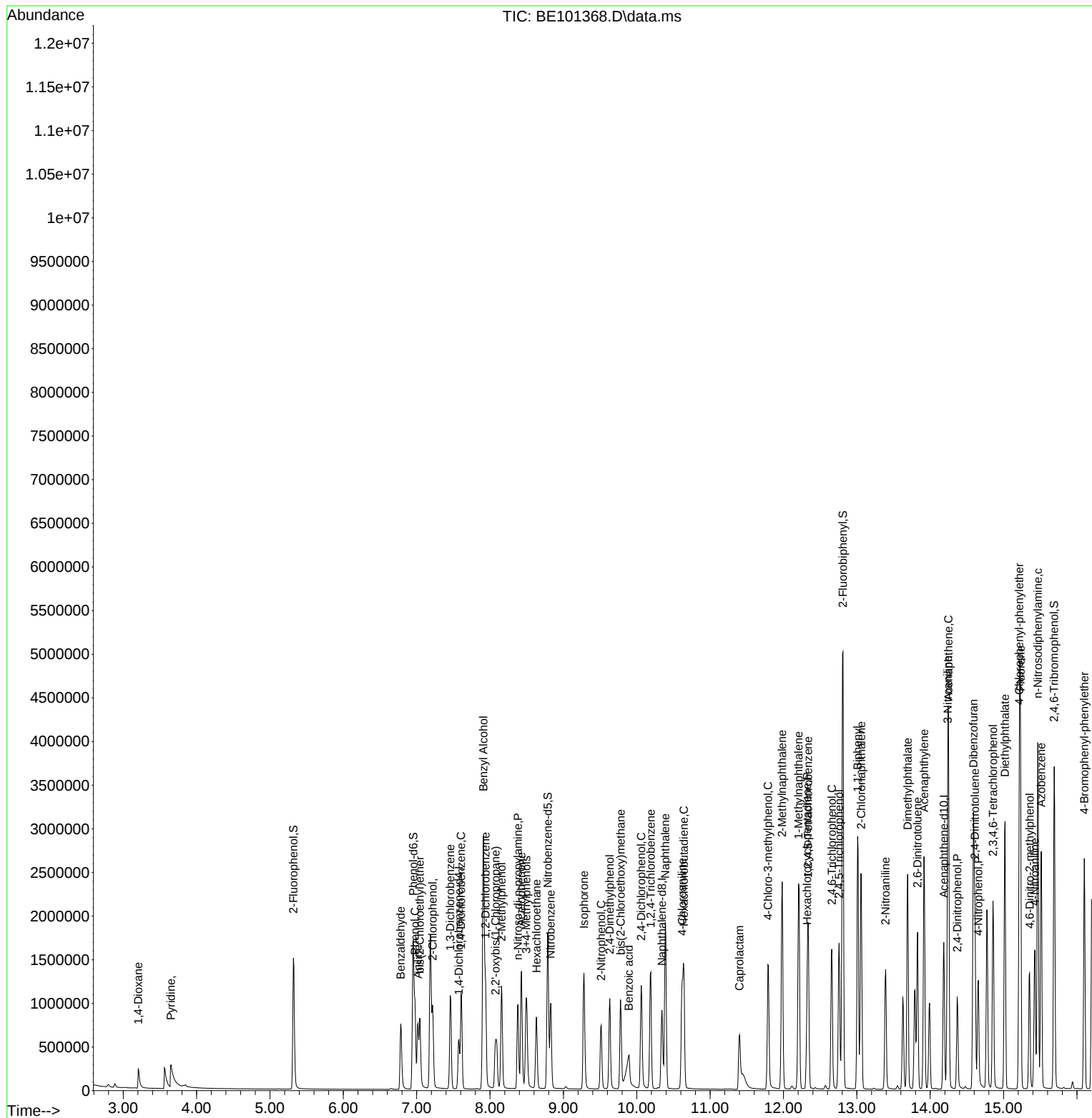
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.011 | 154  | 1554436  | 39.319 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.058 | 162  | 1236104  | 39.748 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.392 | 65   | 378764   | 45.269 | ng    | 98       |
| 49) Acenaphthylene            | 13.915 | 152  | 1891897  | 40.771 | ng    | 99       |
| 50) Dimethylphthalate         | 13.692 | 163  | 1678362  | 39.869 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.827 | 165  | 397301   | 42.172 | ng    | 98       |
| 52) Acenaphthene              | 14.250 | 154  | 1221798  | 39.943 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.238 | 138  | 436213   | 45.012 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.368 | 184  | 244623   | 43.619 | ng    | 95       |
| 55) Dibenzofuran              | 14.591 | 168  | 1944574  | 40.247 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.656 | 139  | 376422   | 46.722 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.609 | 165  | 568048   | 44.292 | ng    | 96       |
| 58) Fluorene                  | 15.231 | 166  | 1654741  | 40.647 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.855 | 232  | 443541   | 41.766 | ng    | 100      |
| 60) Diethylphthalate          | 15.020 | 149  | 1802116  | 41.262 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.214 | 204  | 802095   | 40.167 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.425 | 138  | 478836   | 47.412 | ng    | 99       |
| 63) Azobenzene                | 15.513 | 77   | 1532506  | 41.061 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.355 | 198  | 329448   | 42.234 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.466 | 169  | 1449337  | 39.581 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.101 | 248  | 562102   | 39.387 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.207 | 284  | 725838   | 39.354 | ng    | 100      |
| 69) Atrazine                  | 16.401 | 200  | 461987   | 38.207 | ng    | 99       |
| 70) Pentachlorophenol         | 16.612 | 266  | 479500   | 43.512 | ng    | 99       |
| 71) Phenanthrene              | 16.965 | 178  | 2631667  | 40.336 | ng    | 100      |
| 72) Anthracene                | 17.053 | 178  | 2608057  | 41.078 | ng    | 100      |
| 73) Carbazole                 | 17.382 | 167  | 2716811  | 41.757 | ng    | 99       |
| 74) Di-n-butylphthalate       | 17.828 | 149  | 3091016  | 43.268 | ng    | 99       |
| 75) Fluoranthene              | 18.968 | 202  | 3263472  | 41.550 | ng    | 100      |
| 77) Benzidine                 | 19.233 | 184  | 1963883  | 76.962 | ng    | 100      |
| 78) Pyrene                    | 19.338 | 202  | 3421747  | 40.015 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.190 | 149  | 1597332  | 42.198 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.066 | 228  | 3471536  | 40.206 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.042 | 252  | 1504033  | 44.456 | ng    | 98       |
| 83) Chrysene                  | 21.125 | 228  | 3271315  | 39.440 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 20.895 | 149  | 2158453  | 43.118 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 21.741 | 149  | 3455800  | 42.291 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 25.713 | 276  | 5225389  | 40.916 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.664 | 252  | 4010384  | 39.946 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.711 | 252  | 3869191  | 40.834 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.269 | 252  | 3628204  | 40.950 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 25.702 | 278  | 4393754  | 41.094 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.459 | 276  | 4433002  | 40.833 | ng    | 99       |

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

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Sample : SSTDCCC040  
Misc : LOD-MDL-WATER-8PPM  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

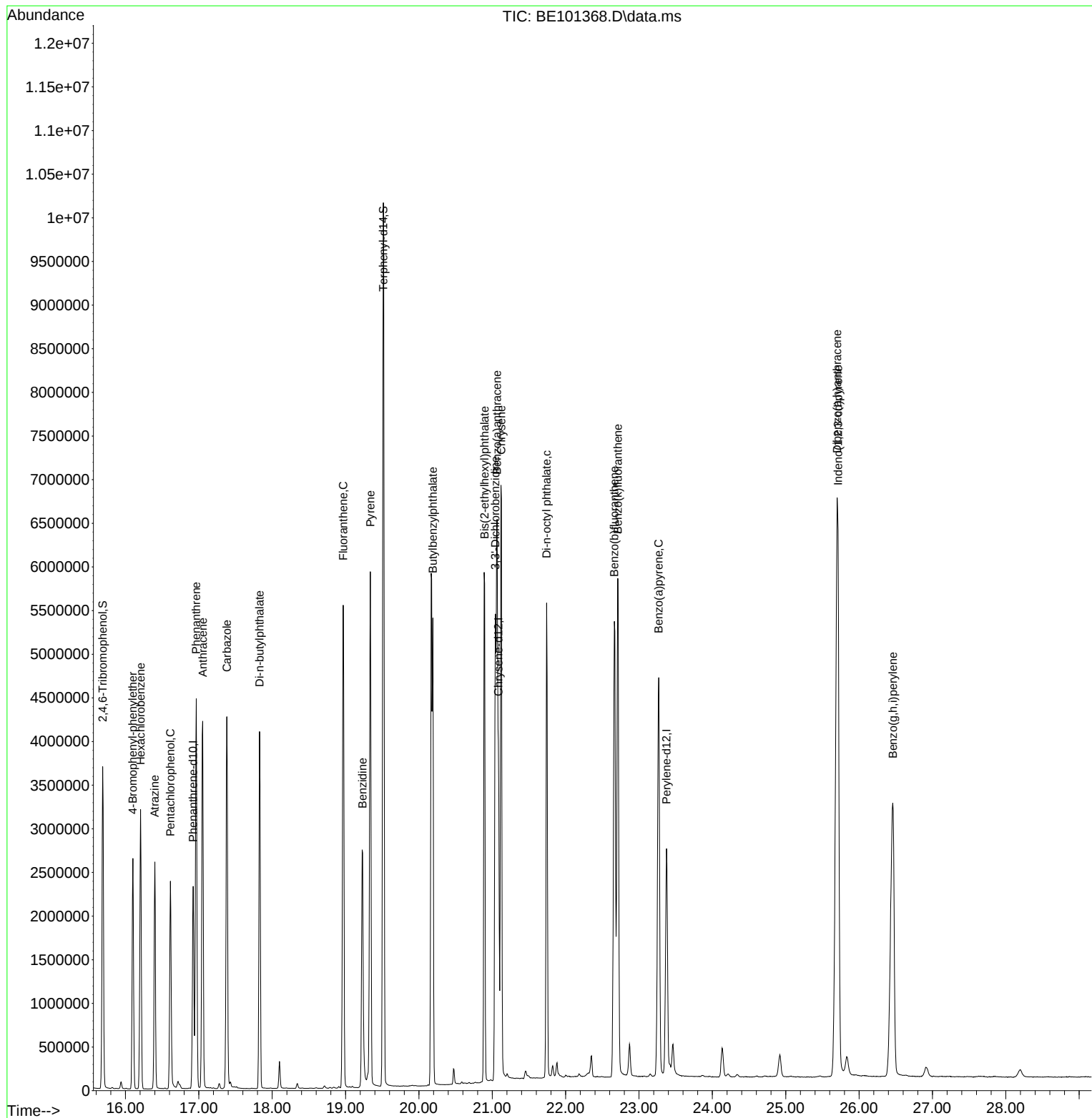
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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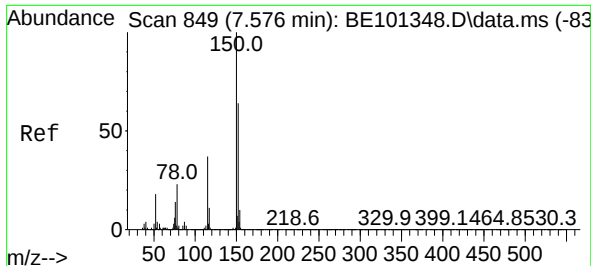


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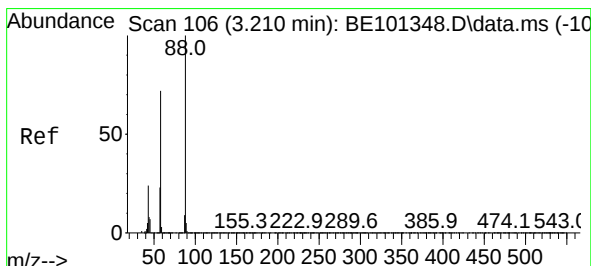
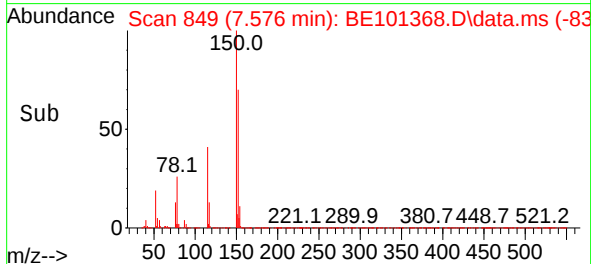
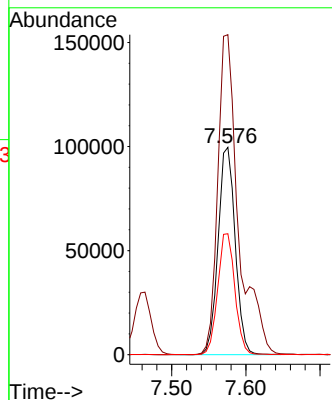
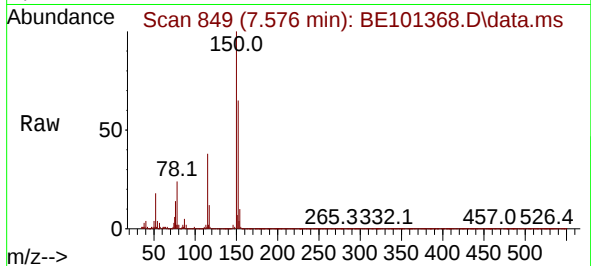




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.576 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
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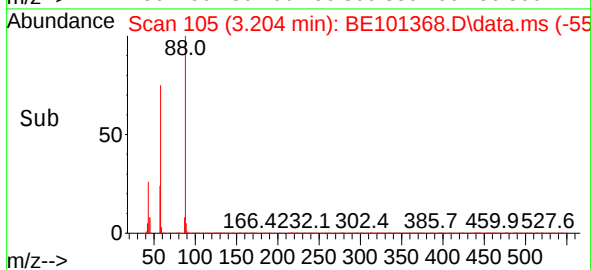
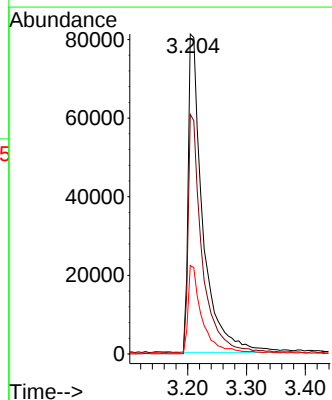
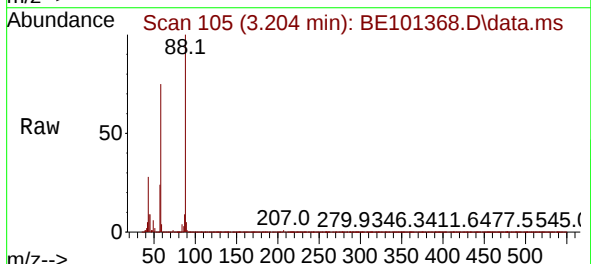
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

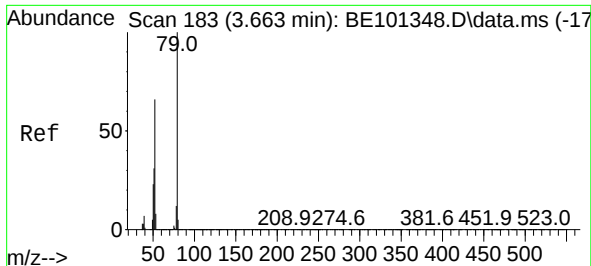
Tgt Ion:152 Resp: 159927  
Ion Ratio Lower Upper  
152 100  
150 154.4 125.9 188.9  
115 58.3 46.9 70.3



#2  
1,4-Dioxane  
Concen: 40.099 ng  
RT: 3.204 min Scan# 105  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 88 Resp: 139660  
Ion Ratio Lower Upper  
88 100  
58 73.0 58.8 88.2  
43 25.7 19.4 29.2

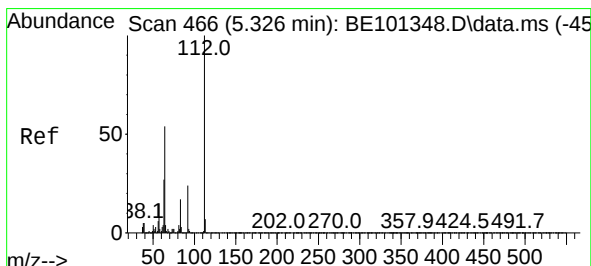
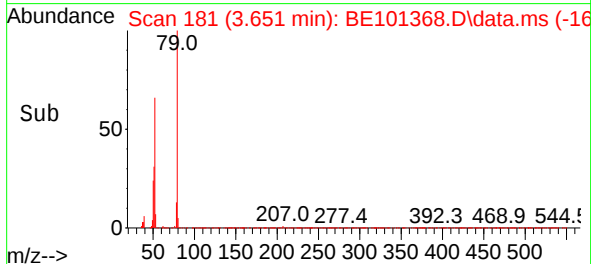
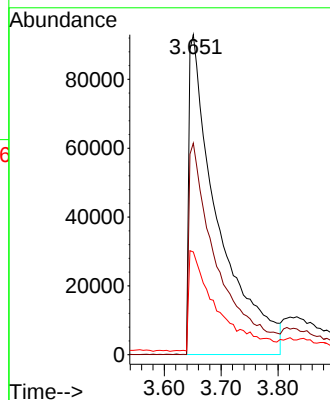
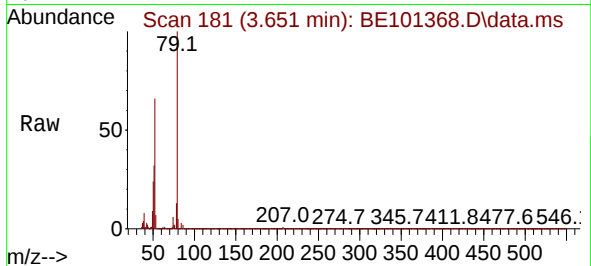




#3  
 Pyridine  
 Concen: 32.686 ng  
 RT: 3.651 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

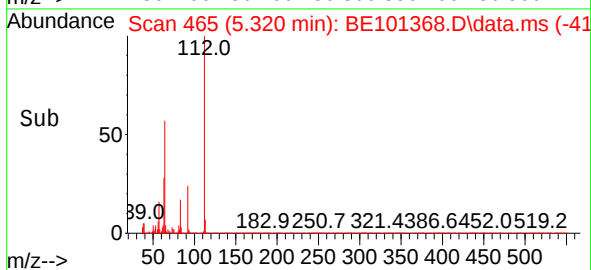
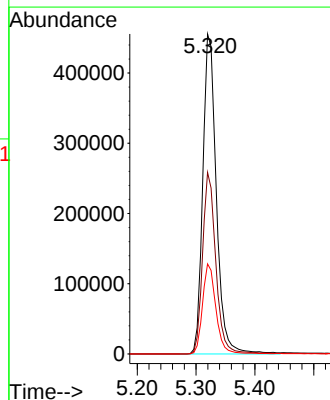
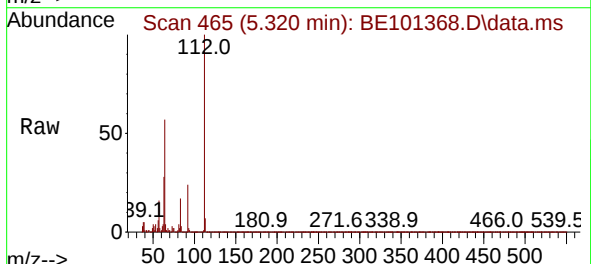
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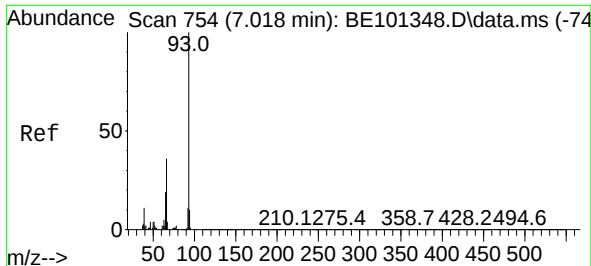
Tgt Ion: 79 Resp: 327931  
 Ion Ratio Lower Upper  
 79 100  
 52 66.1 52.6 78.8  
 51 32.1 26.2 39.2



#5  
 2-Fluorophenol  
 Concen: 79.950 ng  
 RT: 5.320 min Scan# 465  
 Delta R.T. -0.006 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

Tgt Ion: 112 Resp: 731285  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 42.8 64.2  
 63 28.2 21.3 31.9

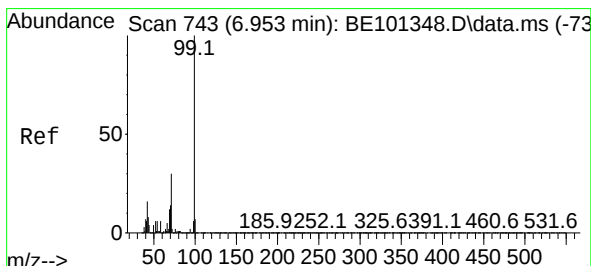
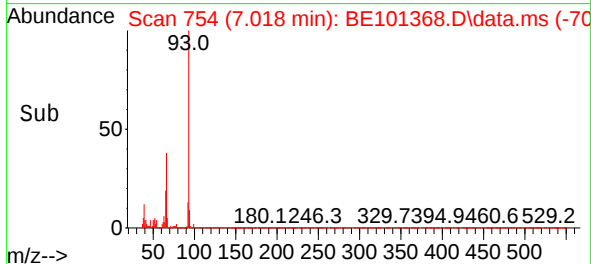
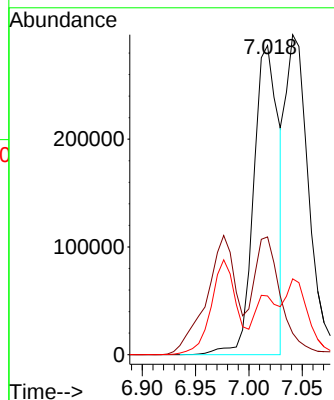
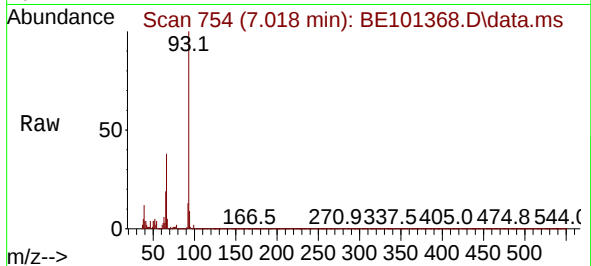




#6  
Aniline  
Concen: 42.957 ng  
RT: 7.018 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
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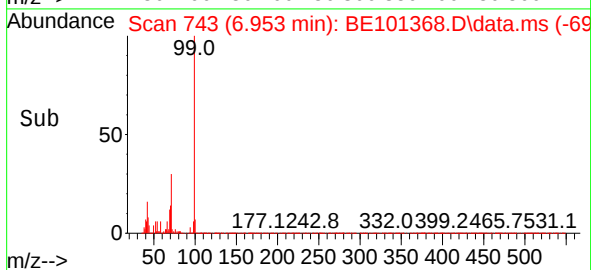
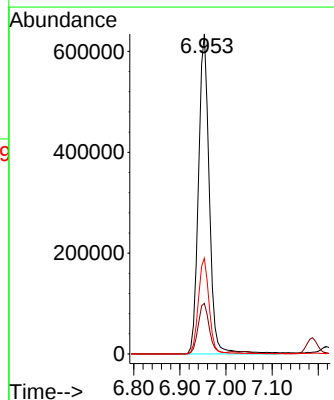
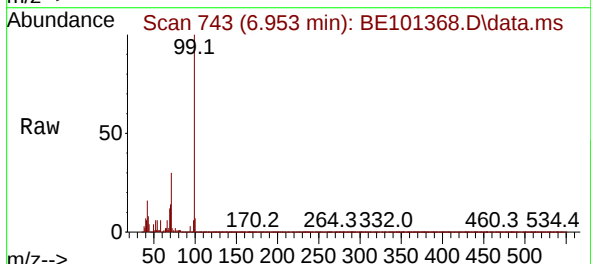
Instrument :  
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SSTDCCC040EC

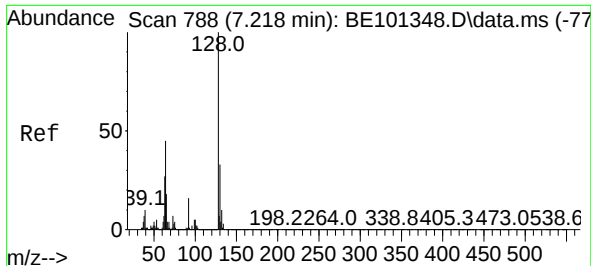
Tgt Ion: 93 Resp: 467319  
Ion Ratio Lower Upper  
93 100  
66 38.1 30.0 45.0  
65 19.0 15.8 23.8



#7  
Phenol-d6  
Concen: 79.917 ng  
RT: 6.953 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 99 Resp: 1036260  
Ion Ratio Lower Upper  
99 100  
42 15.8 12.8 19.2  
71 29.9 23.8 35.6

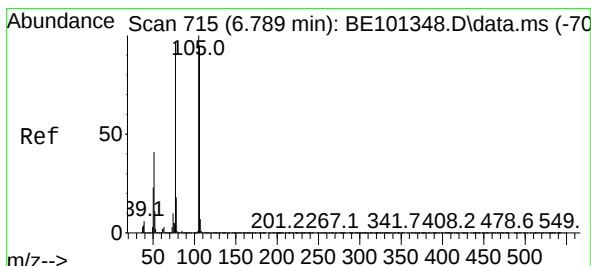
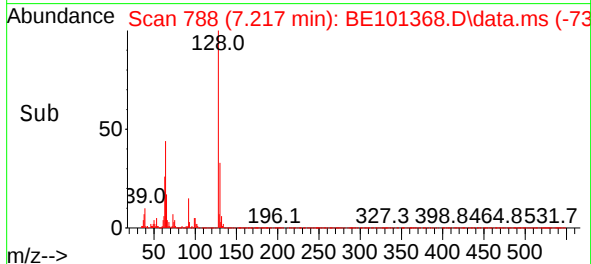
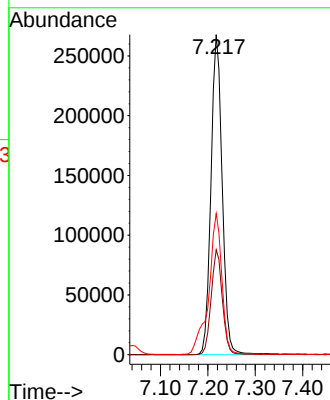
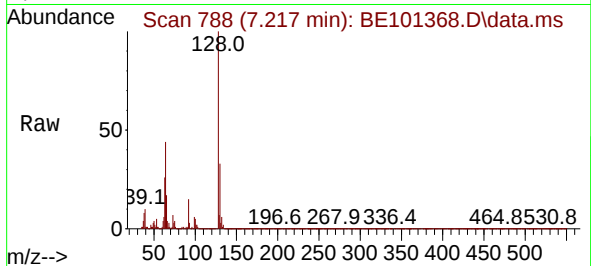




#8  
2-Chlorophenol  
Concen: 40.151 ng  
RT: 7.217 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

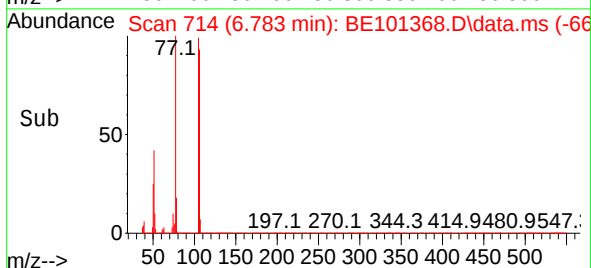
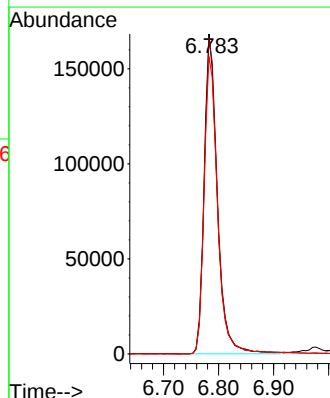
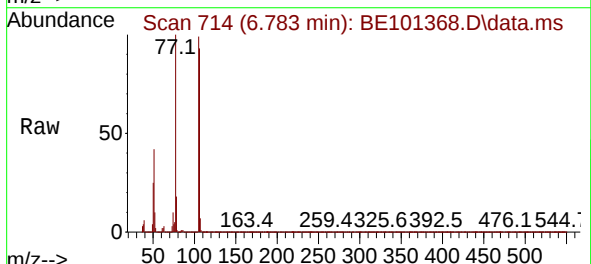
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

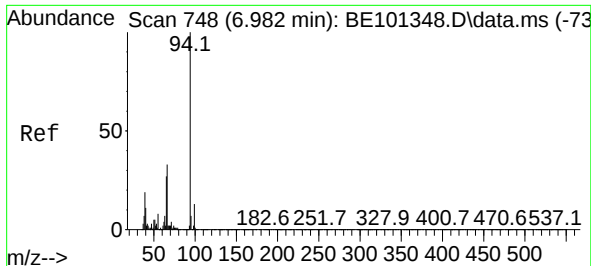
Tgt Ion:128 Resp: 441308  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.8 52.8  
64 44.1 24.9 64.9



#9  
Benzaldehyde  
Concen: 46.690 ng  
RT: 6.783 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 77 Resp: 278244  
Ion Ratio Lower Upper  
77 100  
105 98.7 82.8 122.8  
106 93.0 77.9 117.9





#10

Phenol

Concen: 40.872 ng

RT: 6.976 min Scan# 748

Delta R.T. -0.006 min

Lab File: BE101368.D

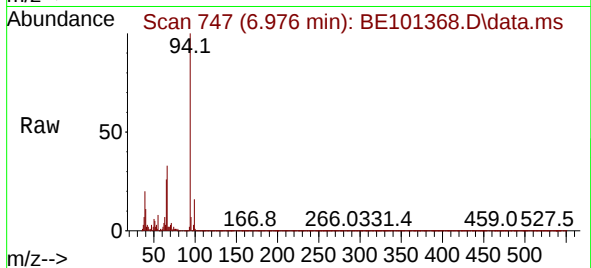
Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC



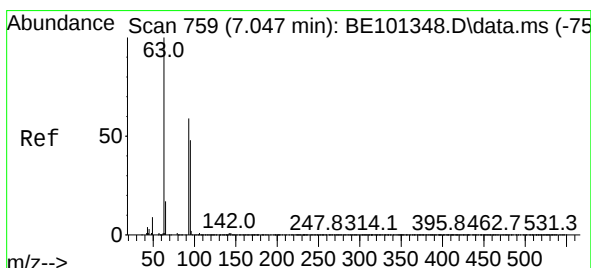
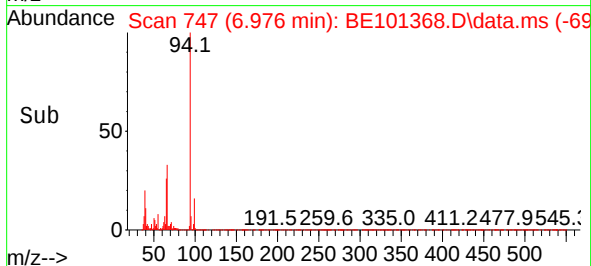
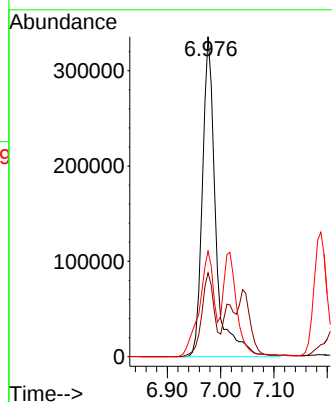
Tgt Ion: 94 Resp: 582531

Ion Ratio Lower Upper

94 100

65 26.2 7.1 47.1

66 33.0 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 38.162 ng

RT: 7.041 min Scan# 758

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

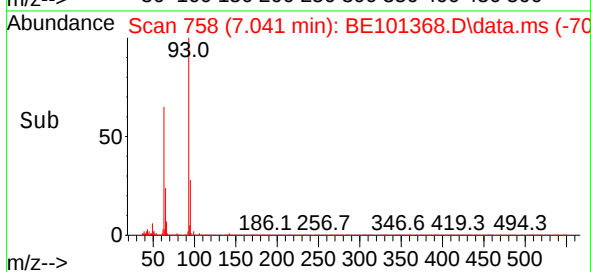
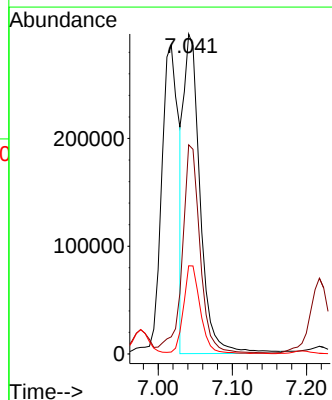
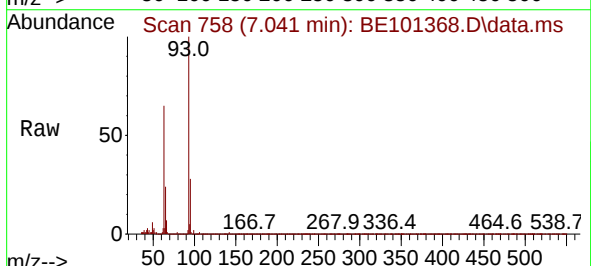
Tgt Ion: 93 Resp: 460314

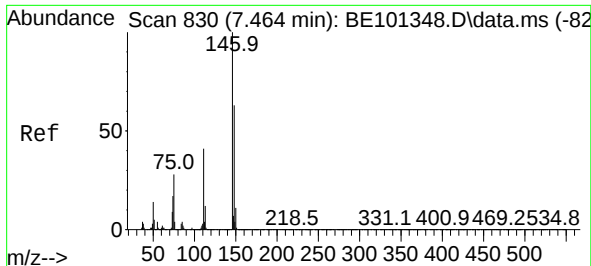
Ion Ratio Lower Upper

93 100

63 65.3 43.7 83.7

95 27.6 8.7 48.7

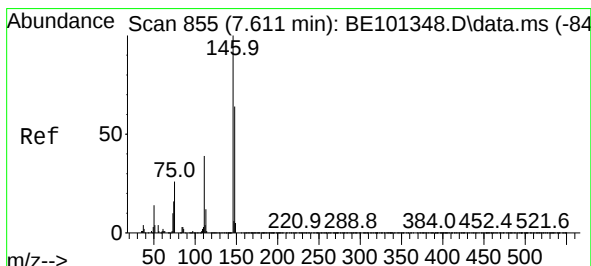
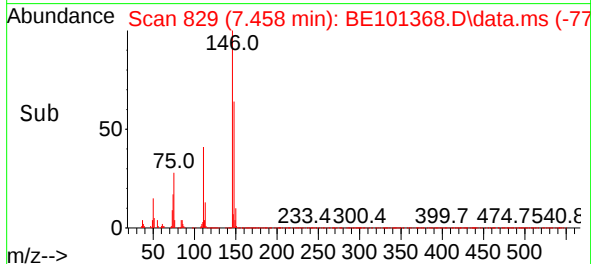
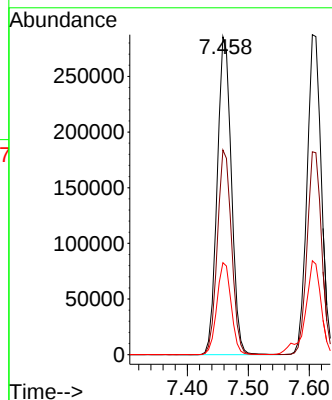
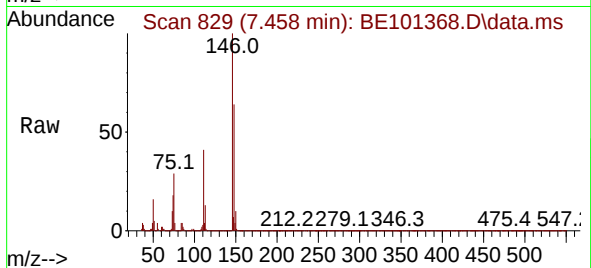




#12  
1,3-Dichlorobenzene  
Concen: 39.030 ng  
RT: 7.458 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

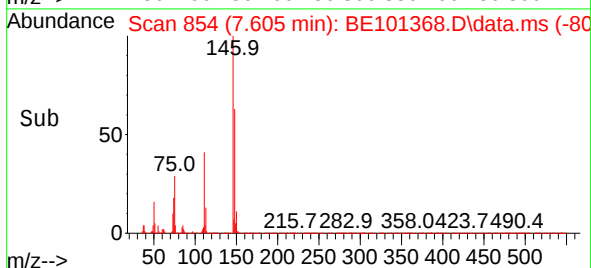
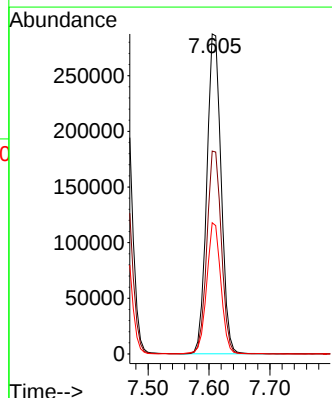
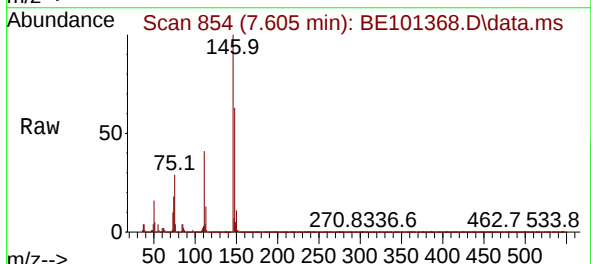
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

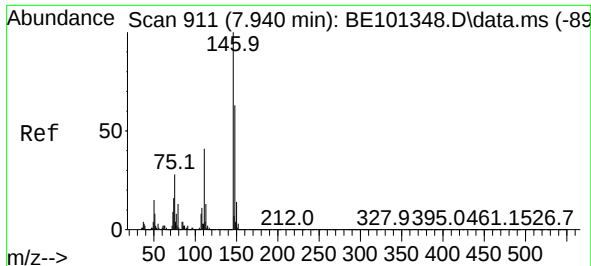
Tgt Ion:146 Resp: 461045  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.8 76.2  
75 29.0 22.1 33.1



#13  
1,4-Dichlorobenzene  
Concen: 38.966 ng  
RT: 7.605 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:146 Resp: 468977  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.1 76.7  
111 41.0 31.1 46.7

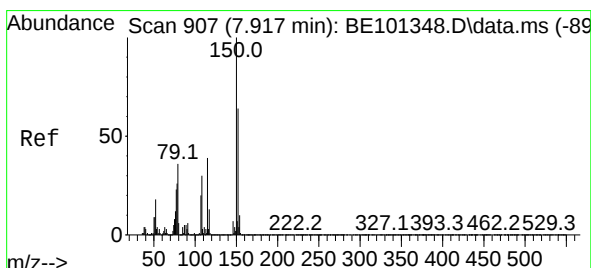
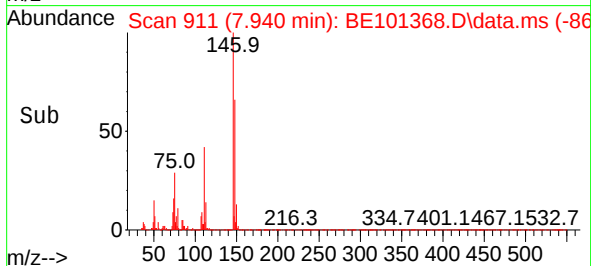
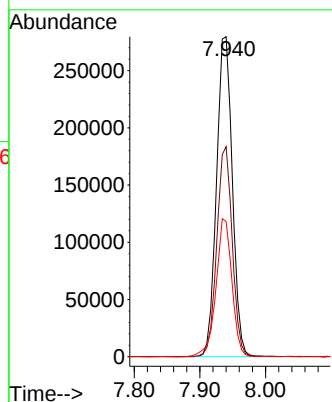
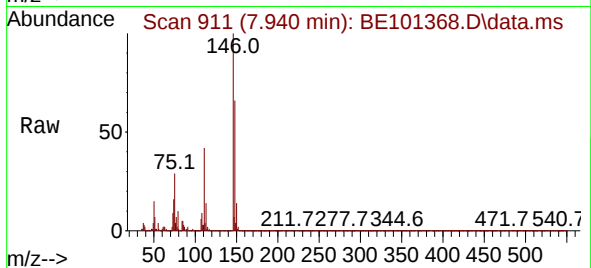




#14  
1,2-Dichlorobenzene  
Concen: 39.090 ng  
RT: 7.940 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

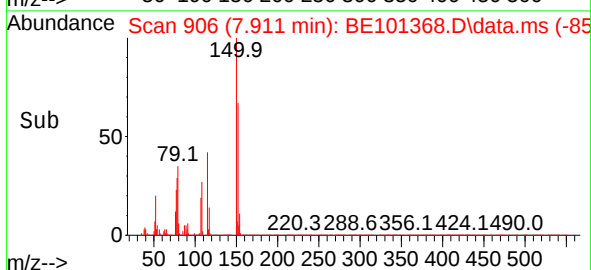
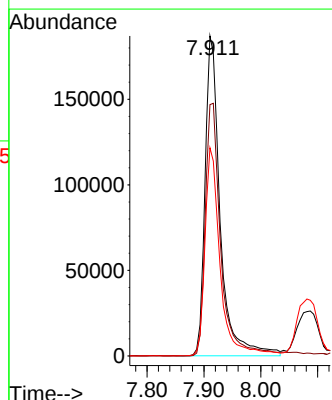
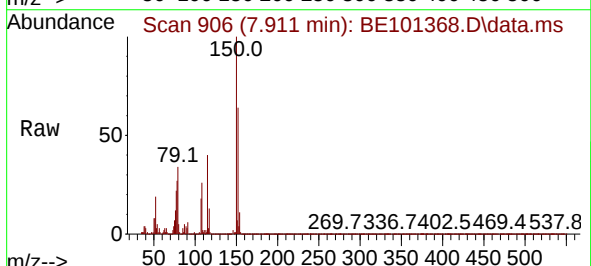
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

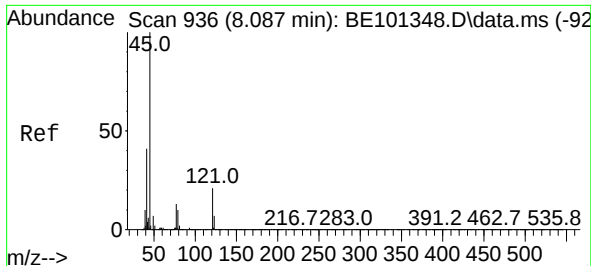
Tgt Ion:146 Resp: 466182  
Ion Ratio Lower Upper  
146 100  
148 65.7 50.4 75.6  
111 42.3 32.6 48.8



#15  
Benzyl Alcohol  
Concen: 44.675 ng  
RT: 7.911 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 79 Resp: 344932  
Ion Ratio Lower Upper  
79 100  
108 78.5 66.0 99.0  
77 65.1 51.0 76.6

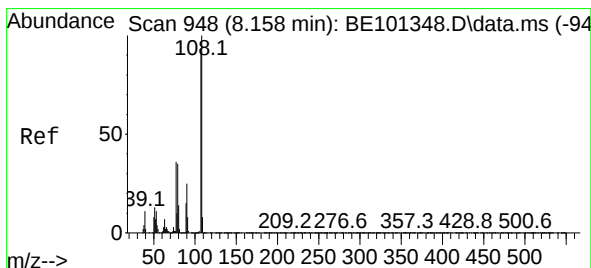
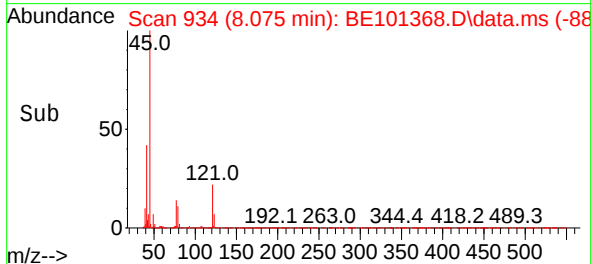
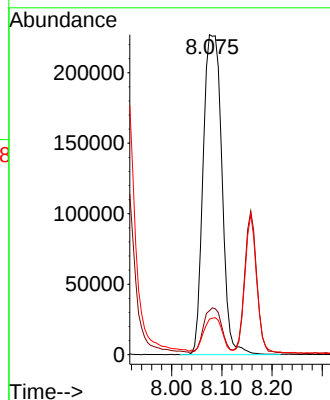
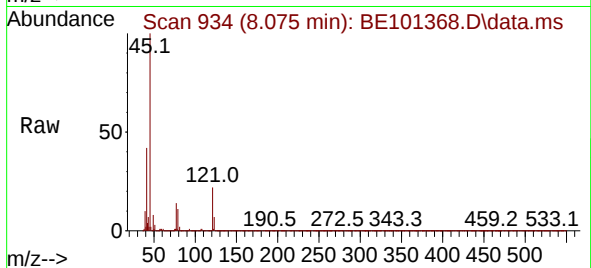




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.639 ng  
RT: 8.075 min Scan# 936  
Delta R.T. -0.012 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

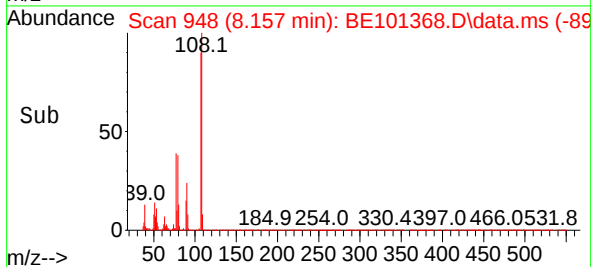
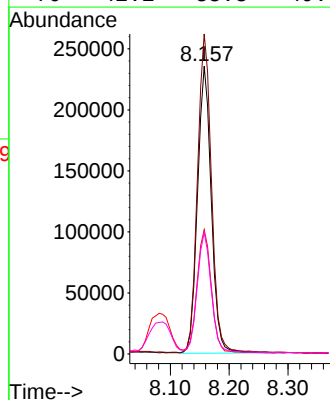
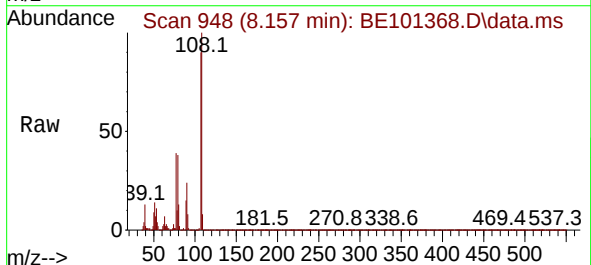
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

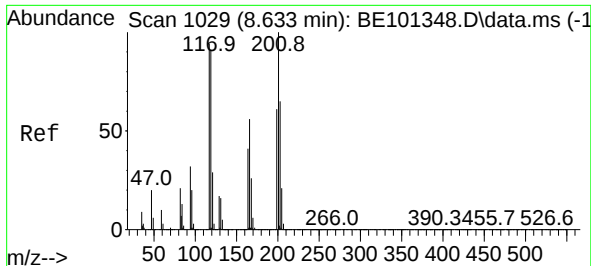
Tgt Ion: 45 Resp: 587411  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 34.3  
79 11.1 0.0 31.6



#17  
2-Methylphenol  
Concen: 40.583 ng  
RT: 8.157 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:107 Resp: 383257  
Ion Ratio Lower Upper  
107 100  
108 111.2 88.2 132.2  
77 43.2 34.9 52.3  
79 42.2 33.3 49.9

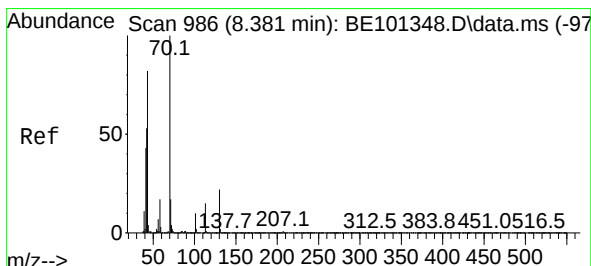
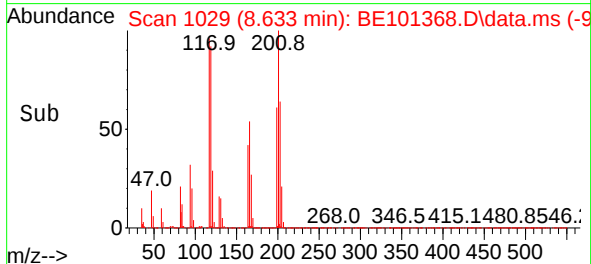
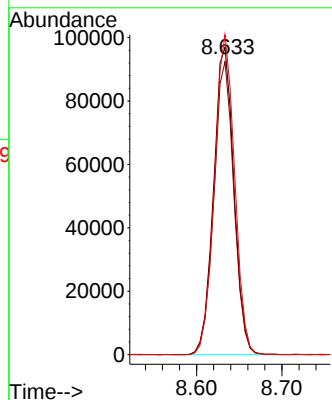
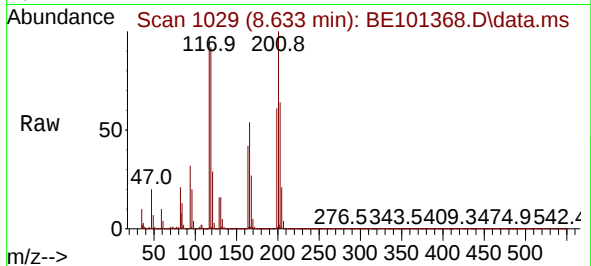




#18  
Hexachloroethane  
Concen: 40.734 ng  
RT: 8.633 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

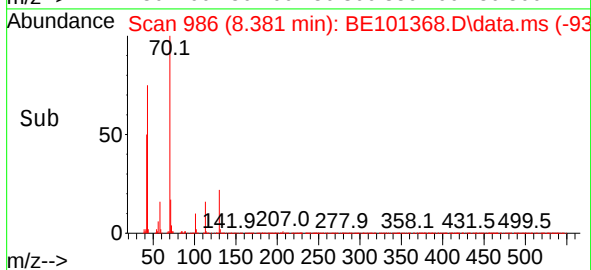
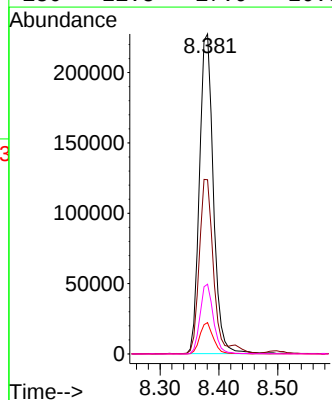
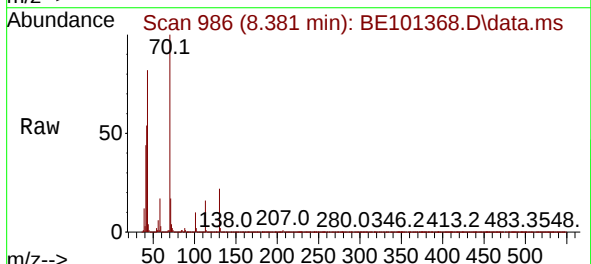
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

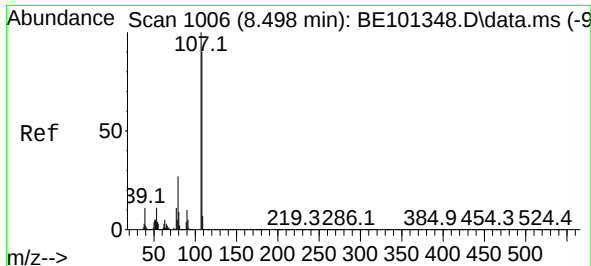
Tgt Ion:117 Resp: 160333  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.4 116.2  
201 104.1 84.8 127.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 40.680 ng  
RT: 8.381 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 70 Resp: 372287  
Ion Ratio Lower Upper  
70 100  
42 54.4 42.5 63.7  
101 9.8 7.8 11.6  
130 21.8 17.9 26.9





#20

3+4-Methylphenols

Concen: 40.558 ng

RT: 8.492 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 538941

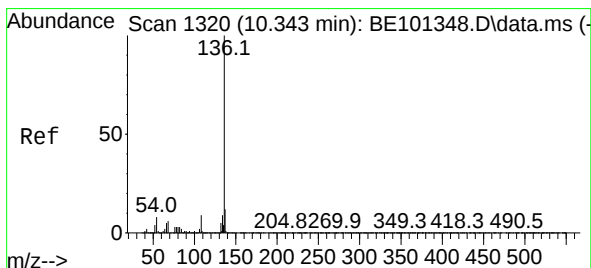
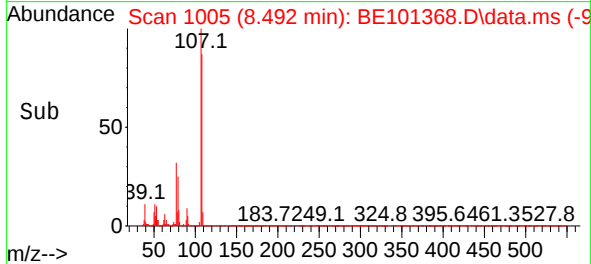
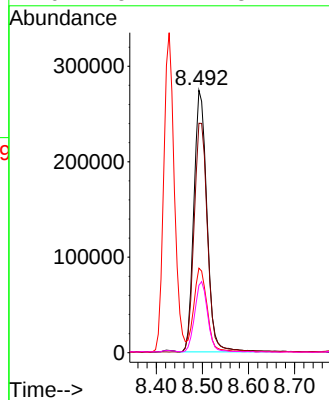
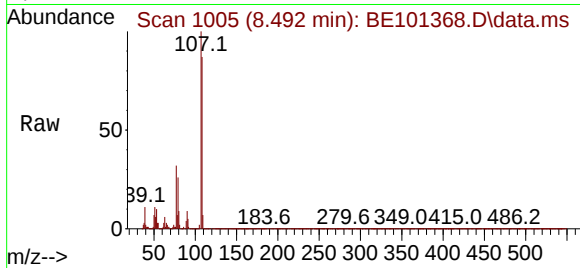
Ion Ratio Lower Upper

107 100

108 87.4 70.4 110.4

77 32.2 12.5 52.5

79 25.7 7.3 47.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.343 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Tgt Ion:136 Resp: 787168

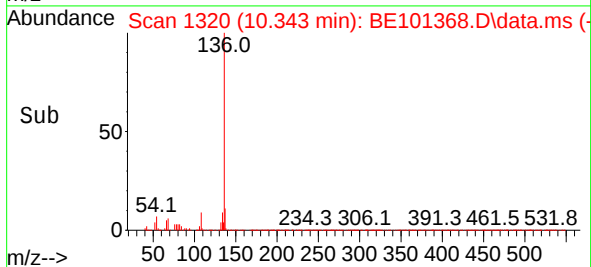
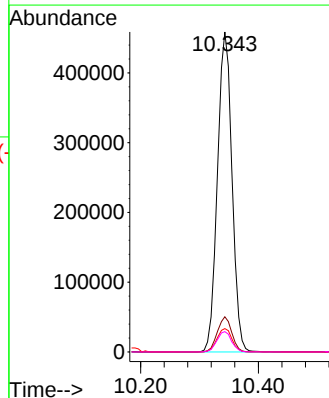
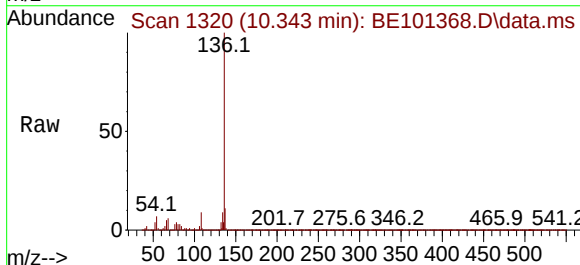
Ion Ratio Lower Upper

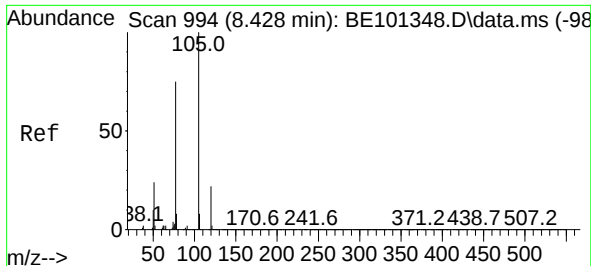
136 100

137 11.0 9.3 13.9

54 7.3 6.1 9.1

68 6.4 5.1 7.7

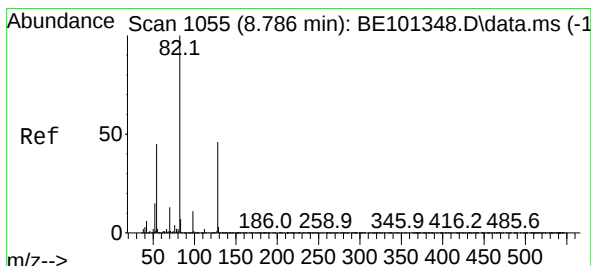
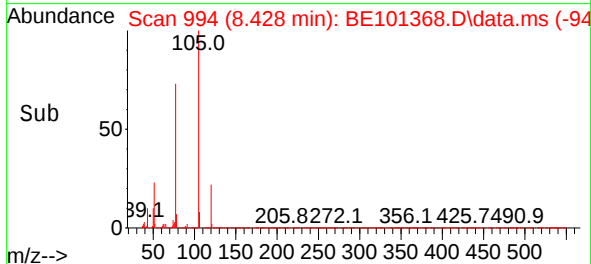
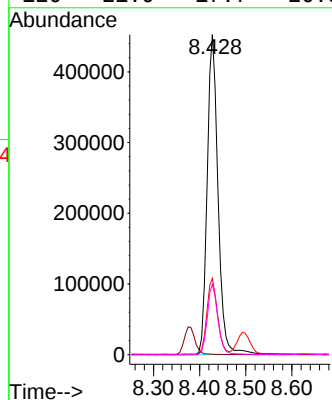
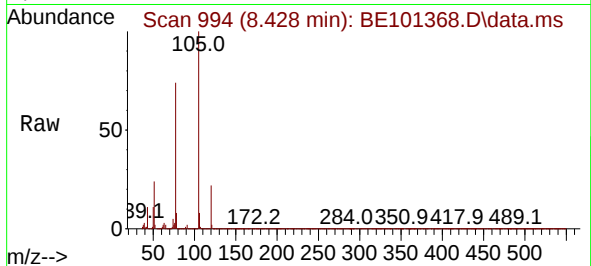




#22  
Acetophenone  
Concen: 40.757 ng  
RT: 8.428 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

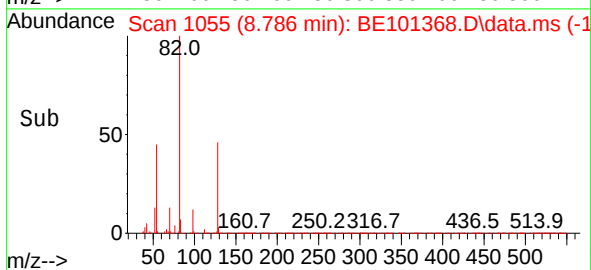
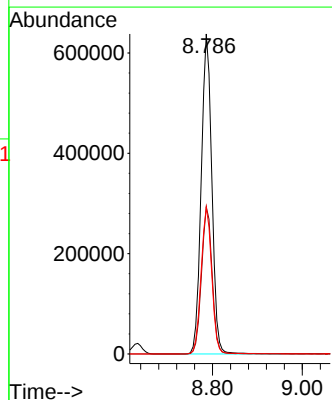
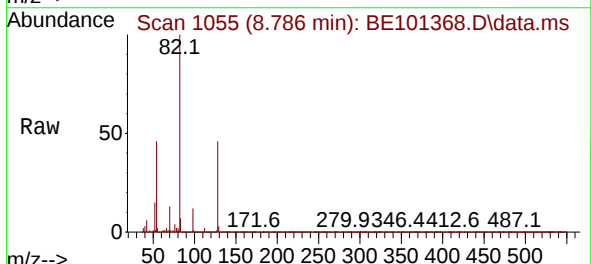
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

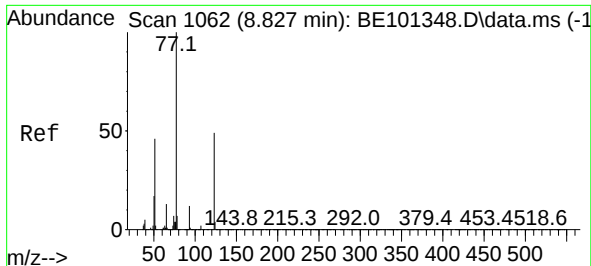
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 743959 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.1   | 0.1   | 0.1#   |
| 51        | 23.9  | 19.0  | 28.4   |
| 120       | 21.9  | 17.7  | 26.5   |



#23  
Nitrobenzene-d5  
Concen: 84.172 ng  
RT: 8.786 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 1045095 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 46.0  | 36.8  | 55.2    |
| 54        | 45.8  | 36.2  | 54.4    |

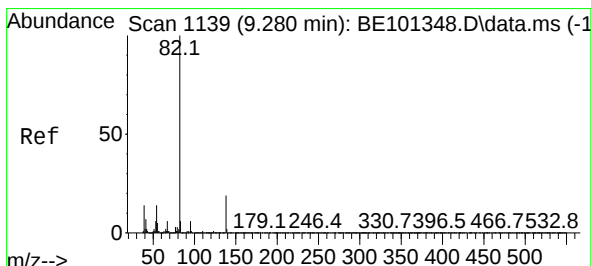
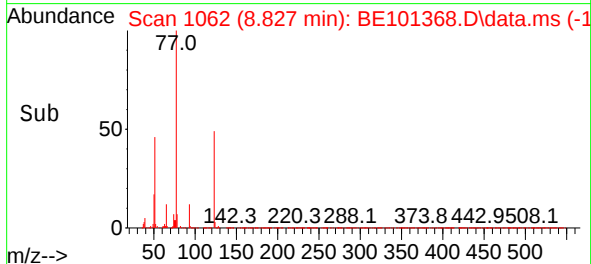
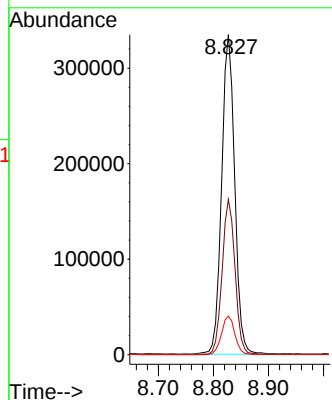
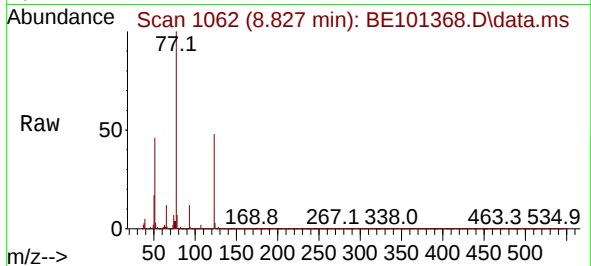




#24  
Nitrobenzene  
Concen: 41.566 ng  
RT: 8.827 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

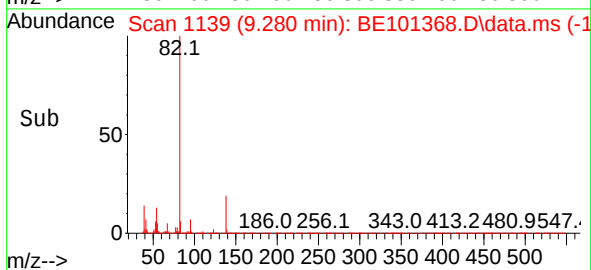
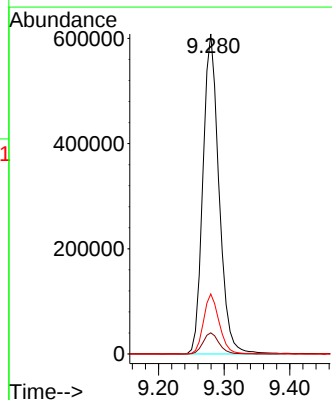
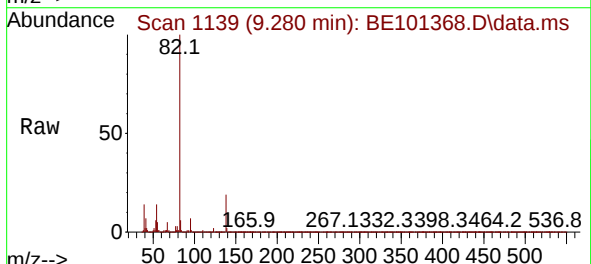
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

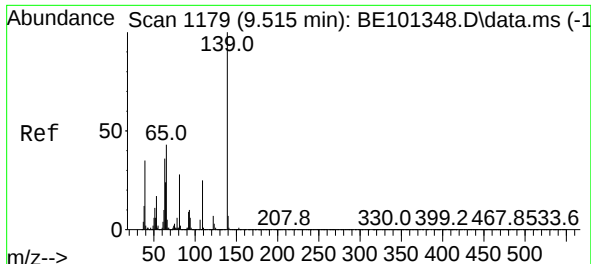
Tgt Ion: 77 Resp: 550998  
Ion Ratio Lower Upper  
77 100  
123 48.5 39.0 58.4  
65 12.1 10.2 15.4



#25  
Isophorone  
Concen: 40.769 ng  
RT: 9.280 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion: 82 Resp: 1036269  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.2 7.8  
138 18.8 15.0 22.6

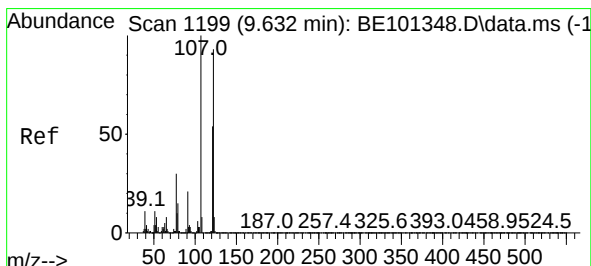
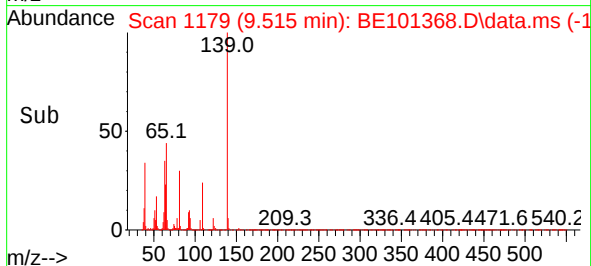
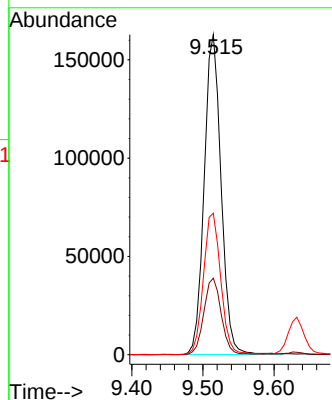
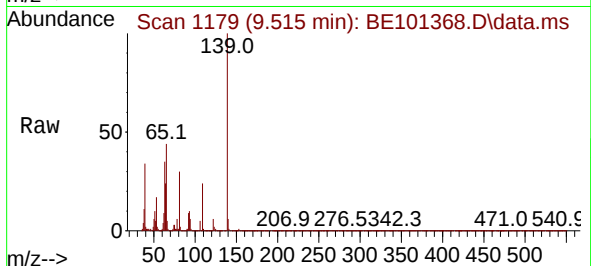




#26  
2-Nitrophenol  
Concen: 43.120 ng  
RT: 9.515 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

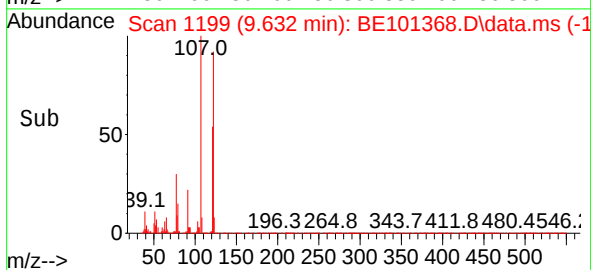
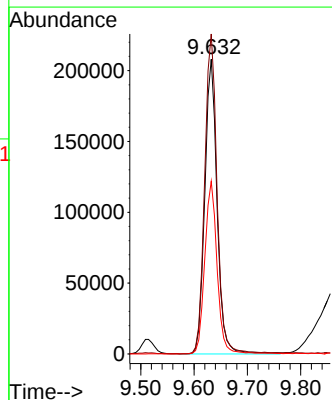
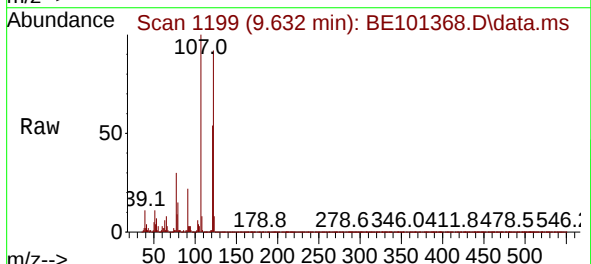
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

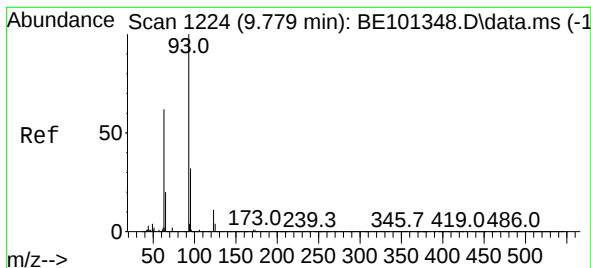
Tgt Ion:139 Resp: 269765  
Ion Ratio Lower Upper  
139 100  
109 23.9 19.8 29.6  
65 44.2 34.6 52.0



#27  
2,4-Dimethylphenol  
Concen: 41.465 ng  
RT: 9.632 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:122 Resp: 333031  
Ion Ratio Lower Upper  
122 100  
107 108.6 86.4 129.6  
121 58.6 46.3 69.5

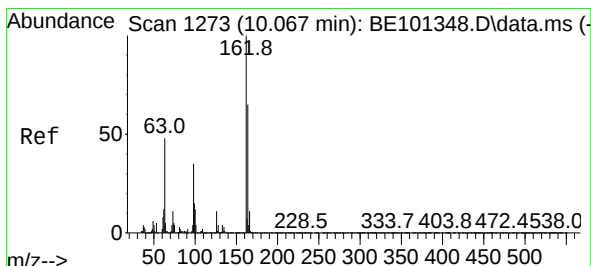
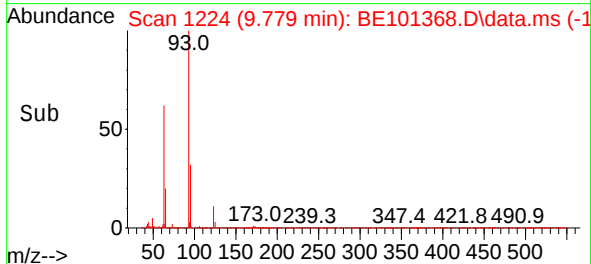
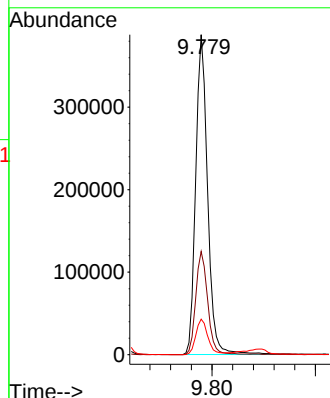
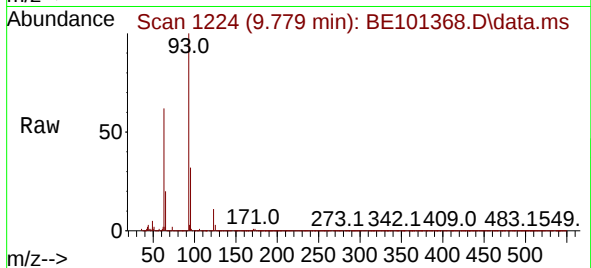




#28  
bis(2-Chloroethoxy)methane  
Concen: 40.320 ng  
RT: 9.779 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

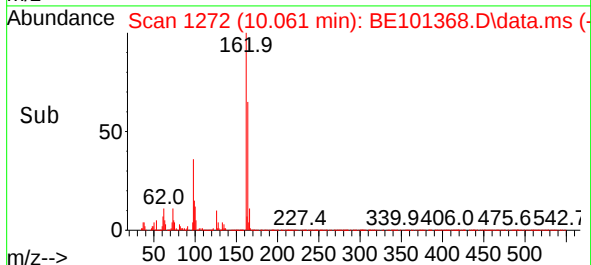
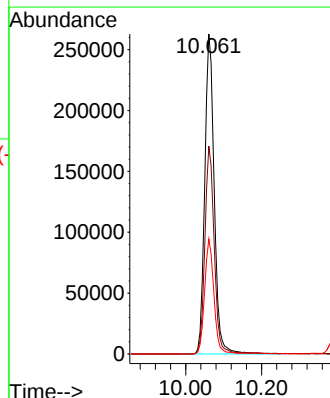
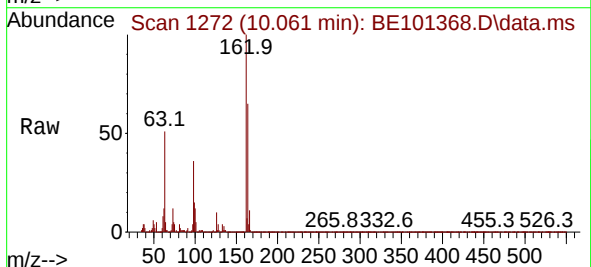
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

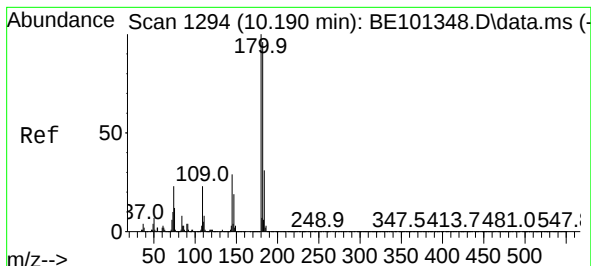
Tgt Ion: 93 Resp: 619918  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.0 39.0  
123 11.1 9.0 13.4



#29  
2,4-Dichlorophenol  
Concen: 41.337 ng  
RT: 10.061 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:162 Resp: 454638  
Ion Ratio Lower Upper  
162 100  
164 64.9 44.6 84.6  
98 35.9 14.7 54.7





#30

1,2,4-Trichlorobenzene

Concen: 39.765 ng

RT: 10.190 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

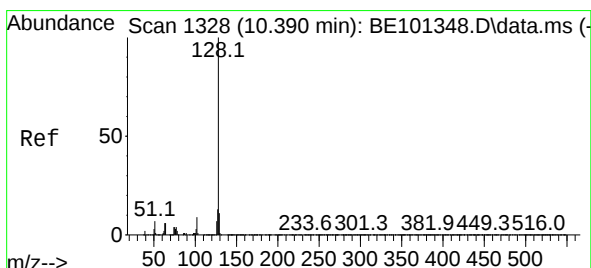
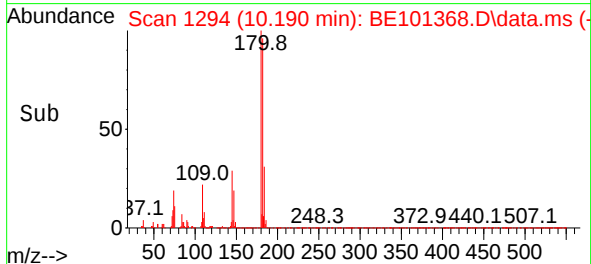
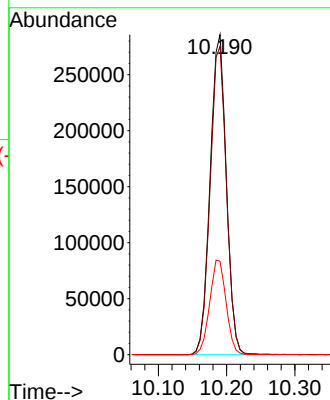
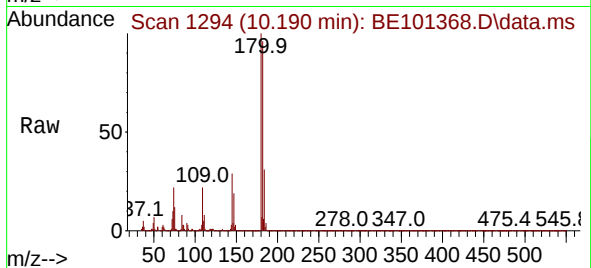
Tgt Ion:180 Resp: 472671

Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

145 29.2 23.5 35.3



#31

Naphthalene

Concen: 39.972 ng

RT: 10.390 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

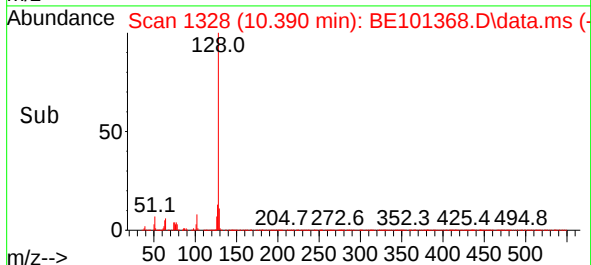
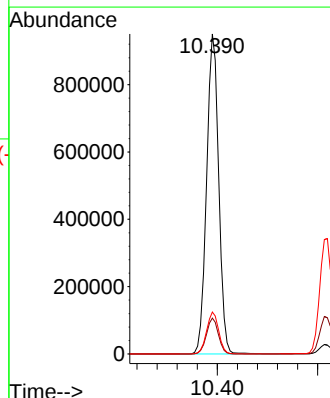
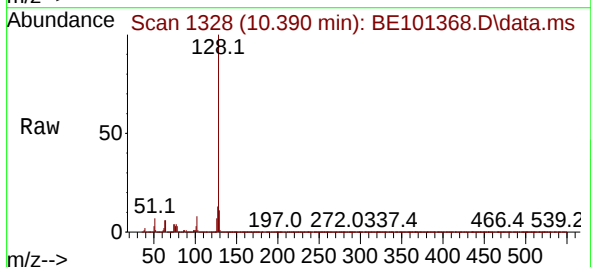
Tgt Ion:128 Resp: 1587624

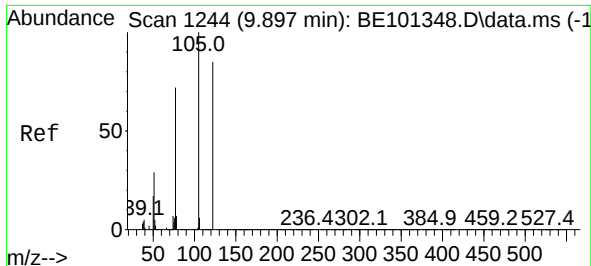
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.1 10.3 15.5

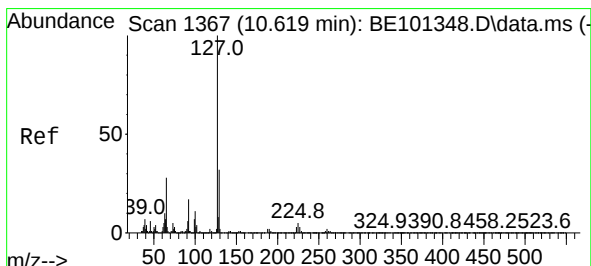
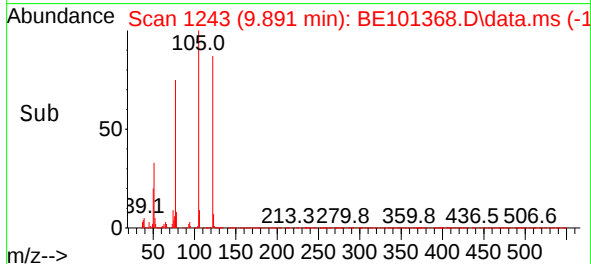
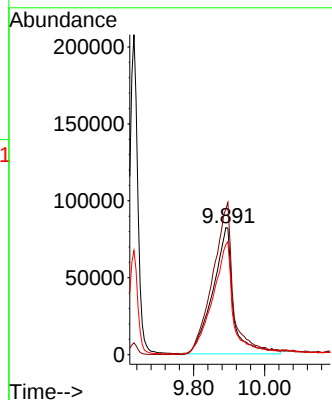
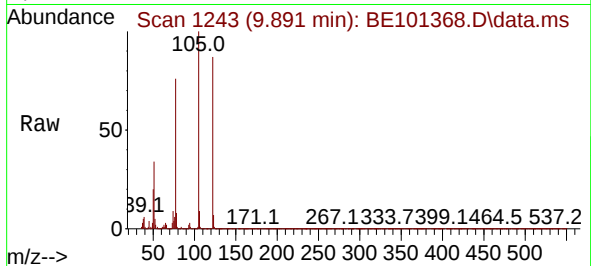




#32  
Benzoic acid  
Concen: 39.779 ng  
RT: 9.891 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

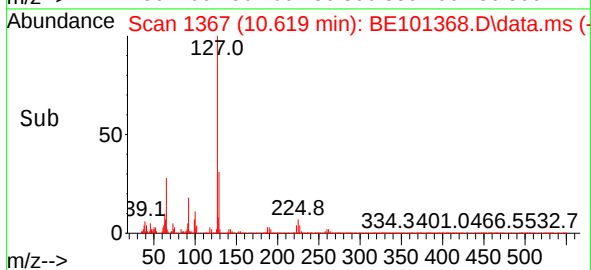
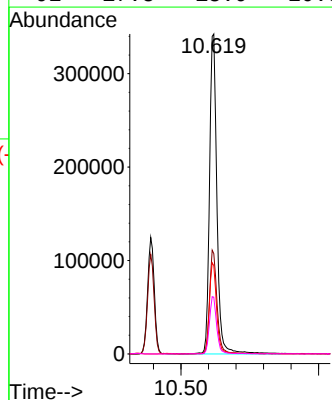
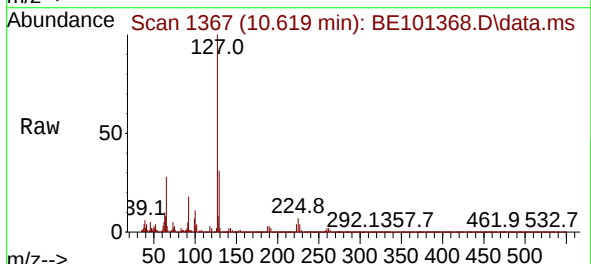
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

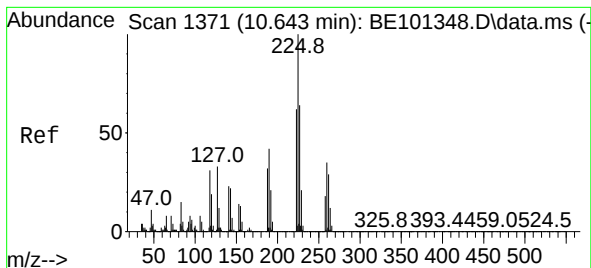
Tgt Ion:122 Resp: 327852  
Ion Ratio Lower Upper  
122 100  
105 114.6 96.7 136.7  
77 86.6 64.8 104.8



#33  
4-Chloroaniline  
Concen: 41.812 ng  
RT: 10.619 min Scan# 1367  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:127 Resp: 635364  
Ion Ratio Lower Upper  
127 100  
129 31.4 25.8 38.8  
65 27.6 22.5 33.7  
92 17.8 13.9 20.9

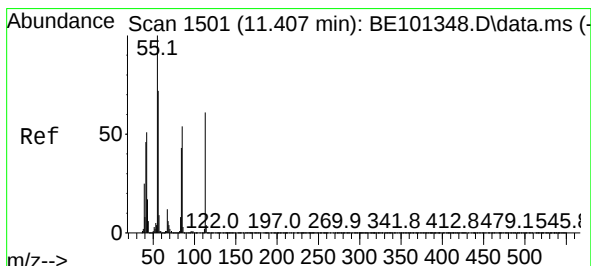
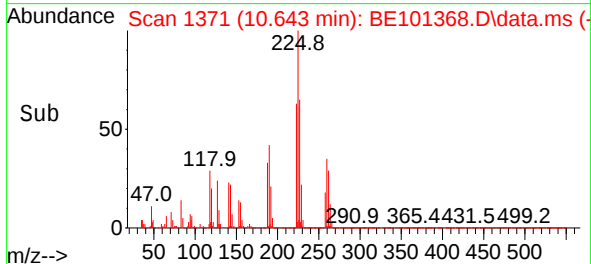
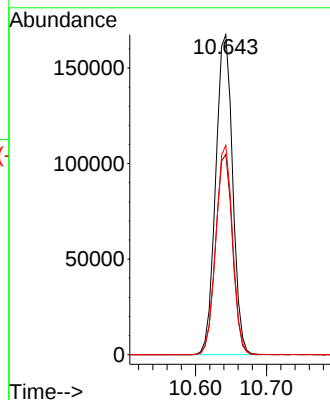
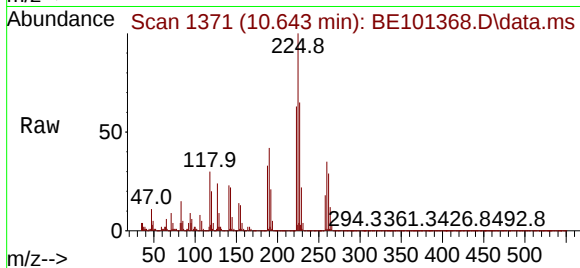




#34  
Hexachlorobutadiene  
Concen: 39.940 ng  
RT: 10.643 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

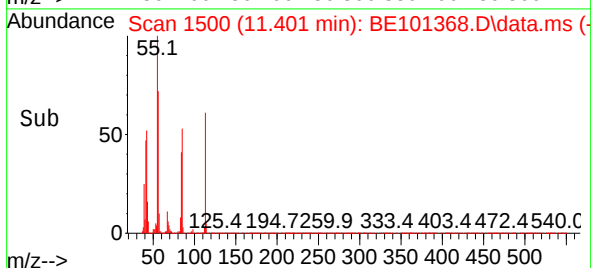
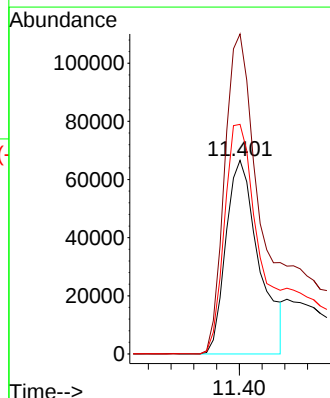
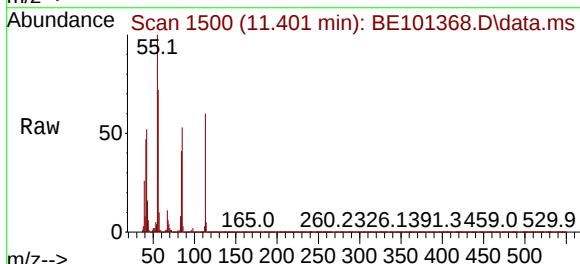
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

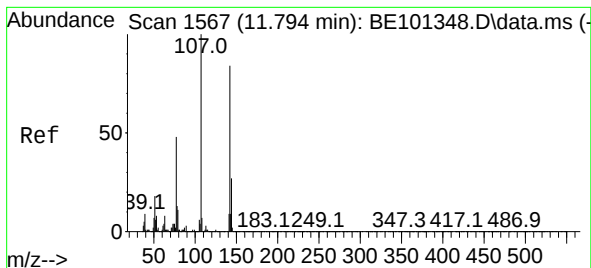
Tgt Ion:225 Resp: 275822  
Ion Ratio Lower Upper  
225 100  
223 62.6 49.8 74.8  
227 65.5 51.3 76.9



#35  
Caprolactam  
Concen: 30.280 ng  
RT: 11.401 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:113 Resp: 134542  
Ion Ratio Lower Upper  
113 100  
55 165.3 144.8 184.8  
56 118.6 99.3 139.3

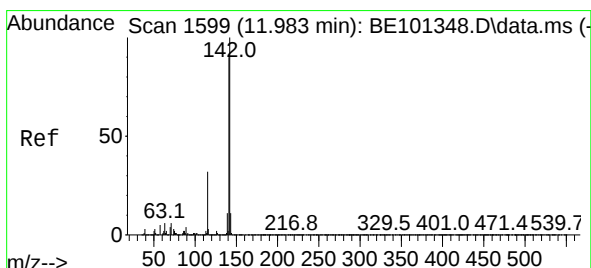
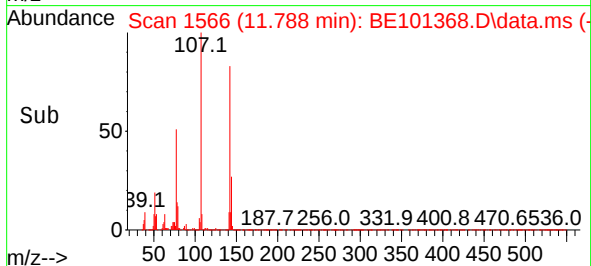
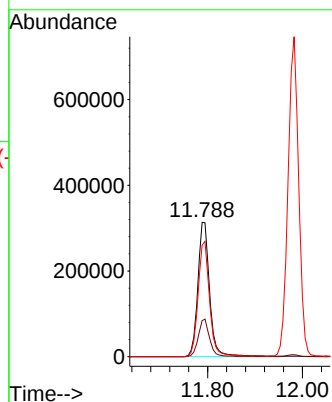
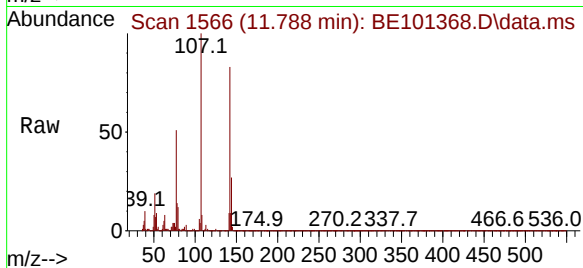




#36  
4-Chloro-3-methylphenol  
Concen: 41.710 ng  
RT: 11.788 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

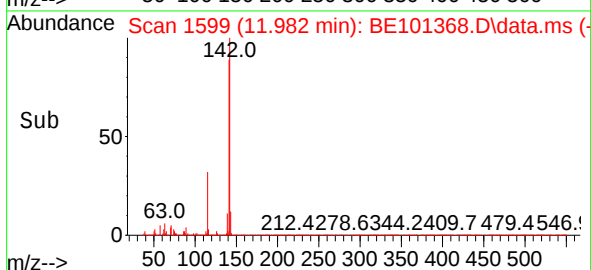
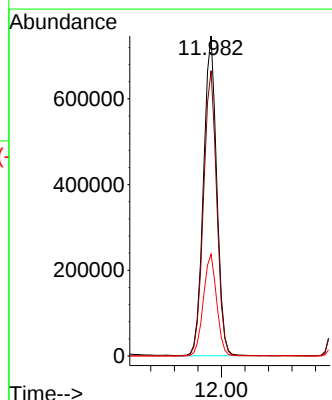
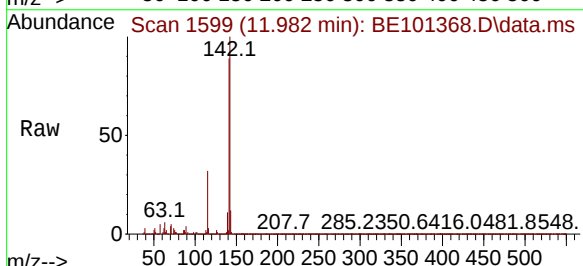
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

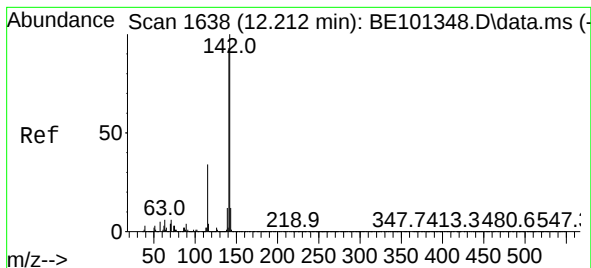
Tgt Ion:107 Resp: 542060  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.9 32.9  
142 83.0 67.4 101.2



#37  
2-Methylnaphthalene  
Concen: 40.054 ng  
RT: 11.982 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:142 Resp: 1163480  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.8 107.6  
115 31.8 25.6 38.4





#38

1-Methylnaphthalene

Concen: 40.000 ng

RT: 12.206 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

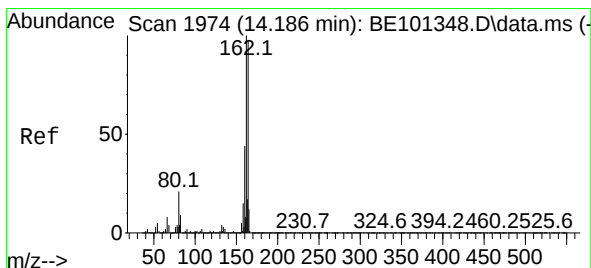
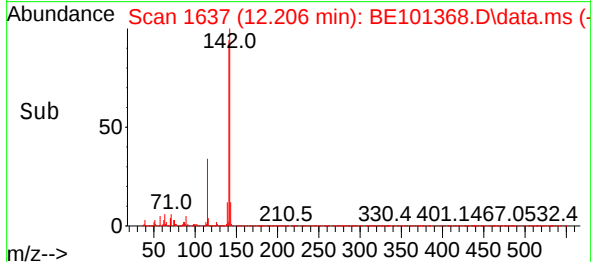
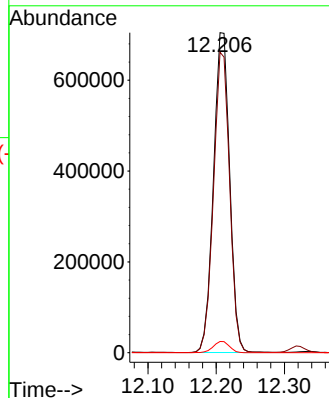
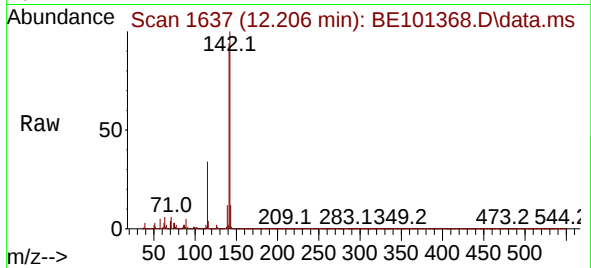
Tgt Ion:142 Resp: 1165678

Ion Ratio Lower Upper

142 100

141 93.9 74.3 111.5

116 3.5 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: BE101368.D

Acq: 18 Sep 2024 17:52

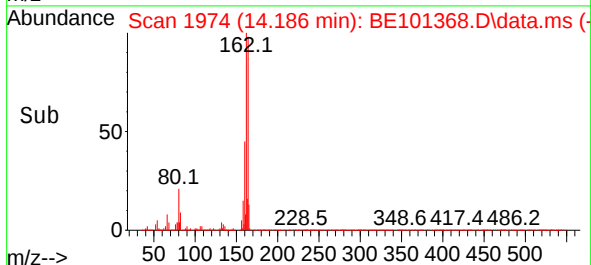
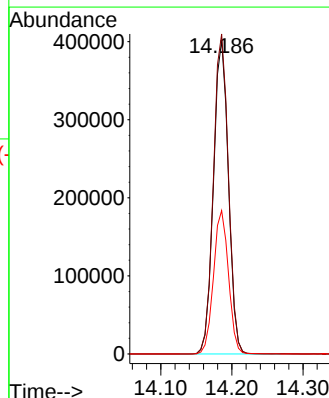
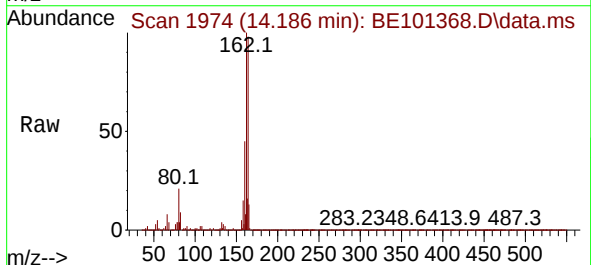
Tgt Ion:164 Resp: 583393

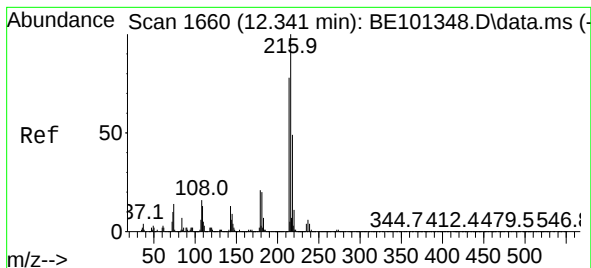
Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 45.7 36.1 54.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.479 ng

RT: 12.335 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 554822

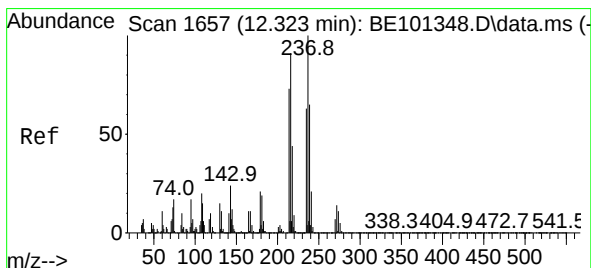
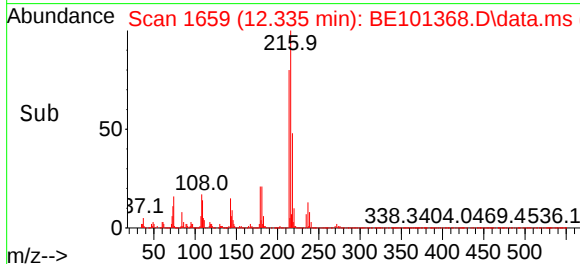
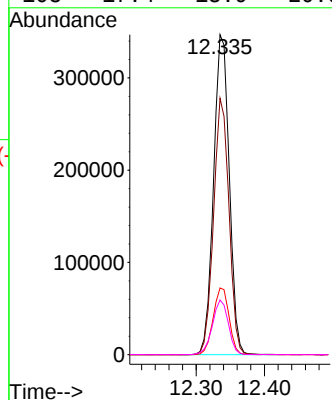
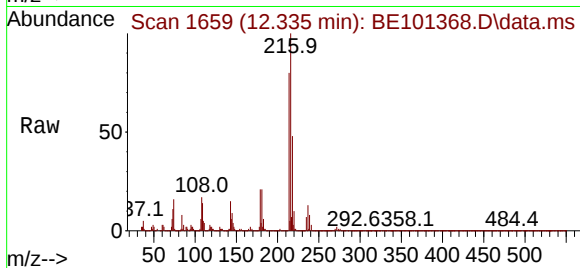
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 21.1 16.9 25.3

108 17.4 13.9 20.9



#41

Hexachlorocyclopentadiene

Concen: 42.377 ng

RT: 12.323 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

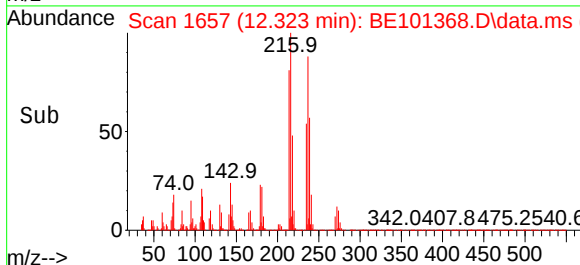
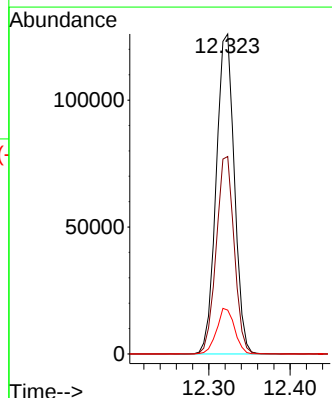
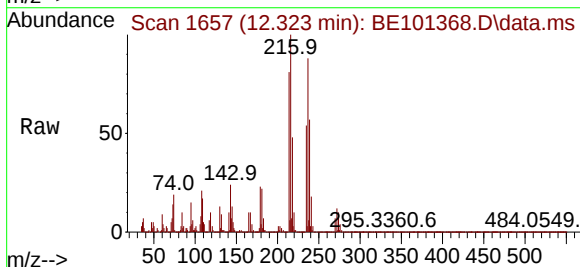
Tgt Ion:237 Resp: 195684

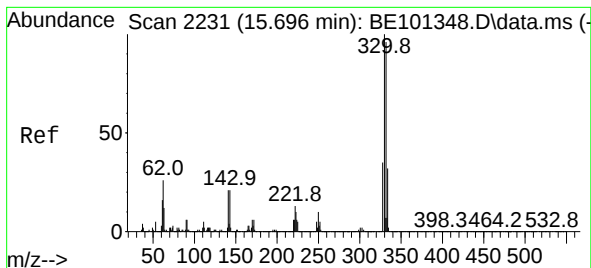
Ion Ratio Lower Upper

237 100

235 61.7 42.9 82.9

272 13.7 0.0 34.0





#42

2,4,6-Tribromophenol

Concen: 85.390 ng

RT: 15.690 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

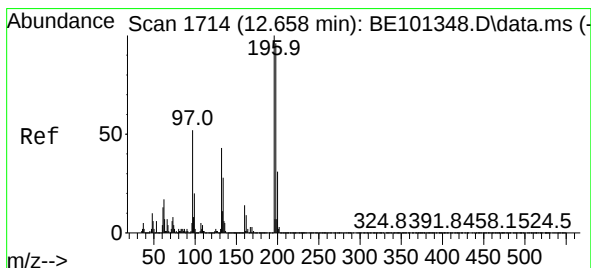
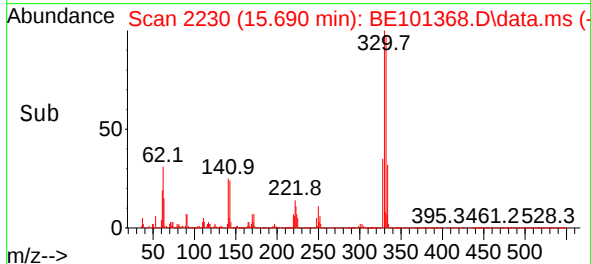
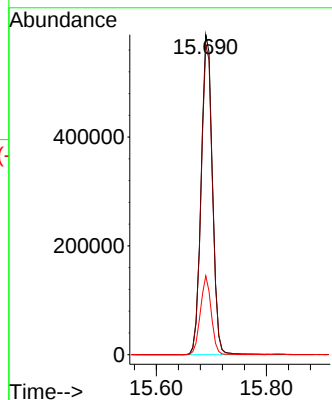
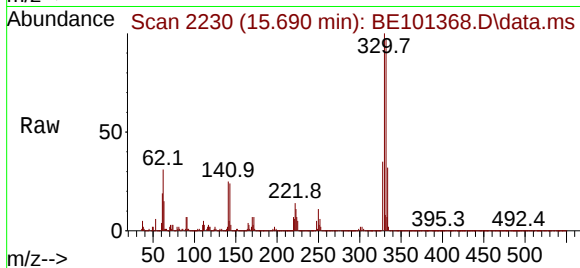
Tgt Ion:330 Resp: 837888

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.8

141 23.7 19.1 28.7



#43

2,4,6-Trichlorophenol

Concen: 41.176 ng

RT: 12.658 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

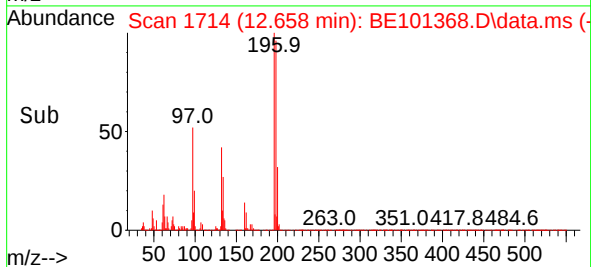
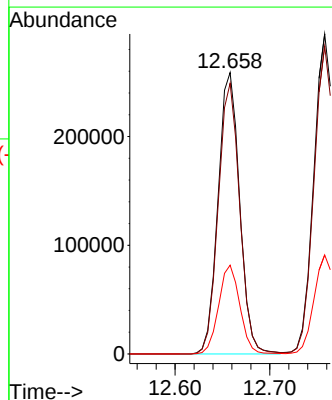
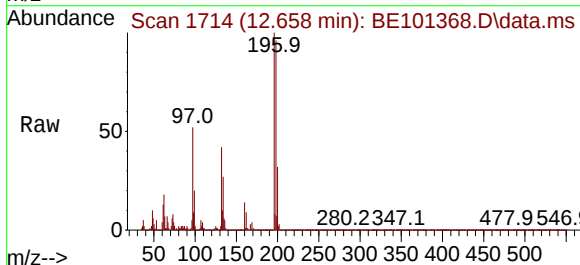
Tgt Ion:196 Resp: 409818

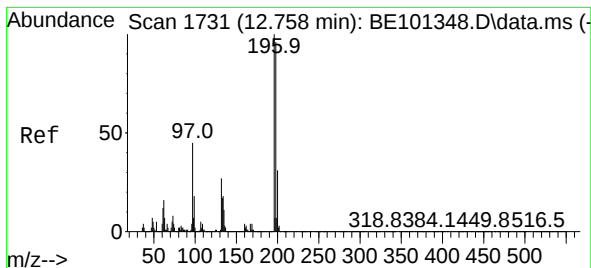
Ion Ratio Lower Upper

196 100

198 96.1 76.8 115.2

200 31.5 25.0 37.4

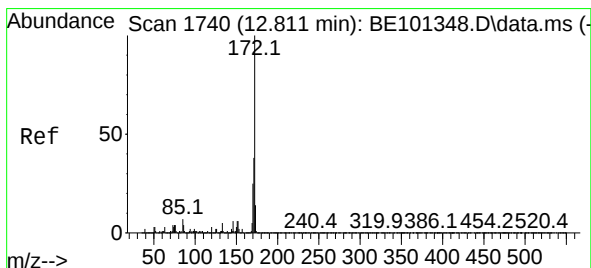
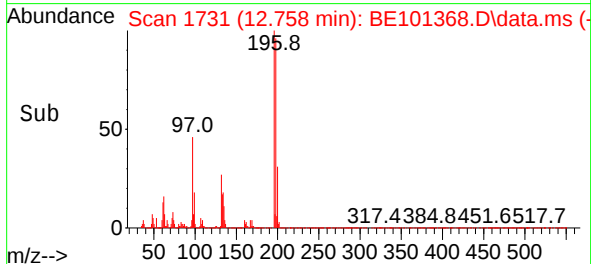
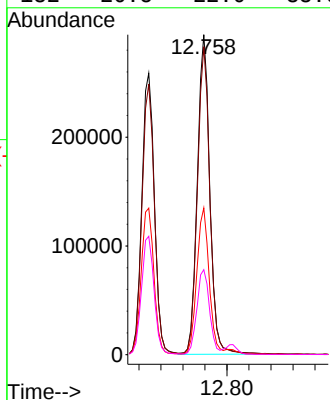
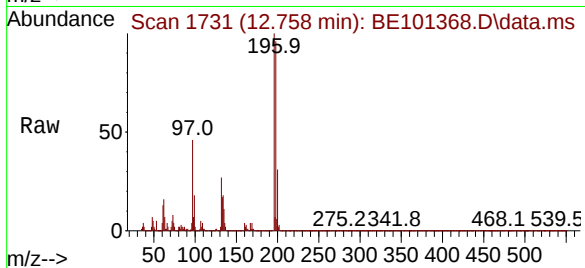




#44  
2,4,5-Trichlorophenol  
Concen: 41.421 ng  
RT: 12.758 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

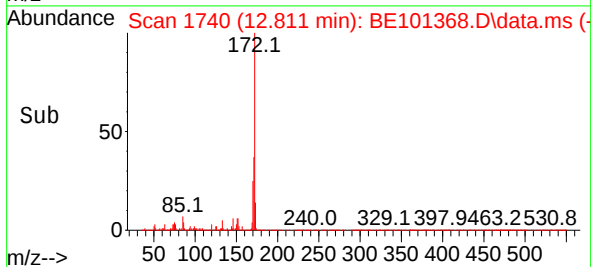
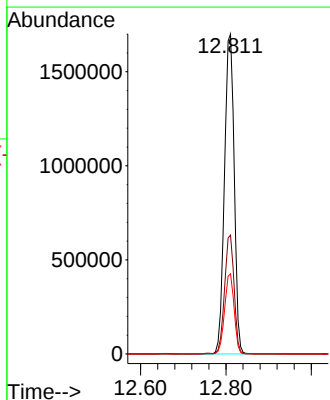
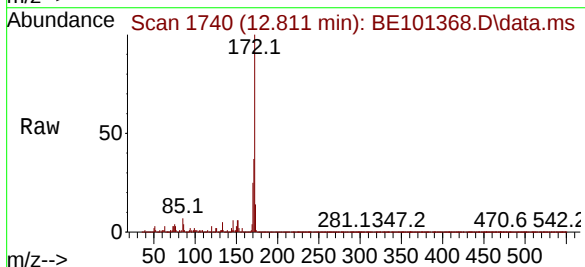
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

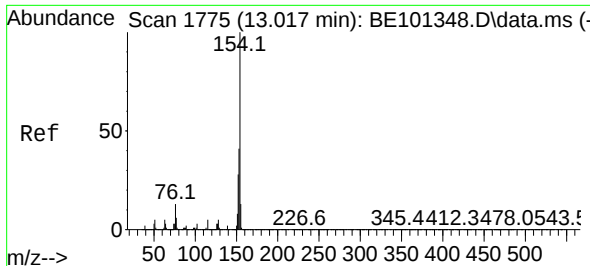
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 465146 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.3  | 76.9  | 115.3  |
| 97        | 45.8  | 36.2  | 54.2   |
| 132       | 26.5  | 22.0  | 33.0   |



#45  
2-Fluorobiphenyl  
Concen: 79.707 ng  
RT: 12.811 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2690917 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.1  | 30.2  | 45.2    |
| 170       | 25.1  | 20.2  | 30.4    |

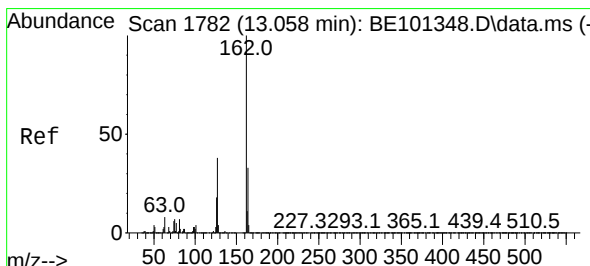
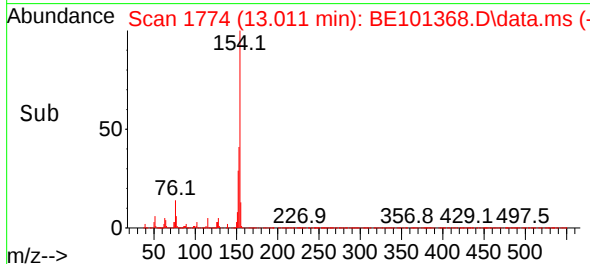
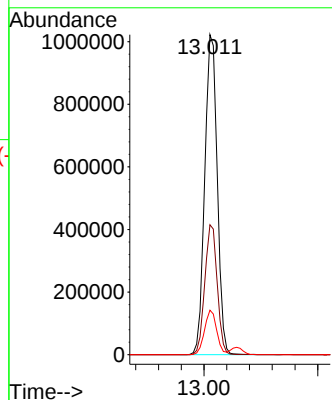
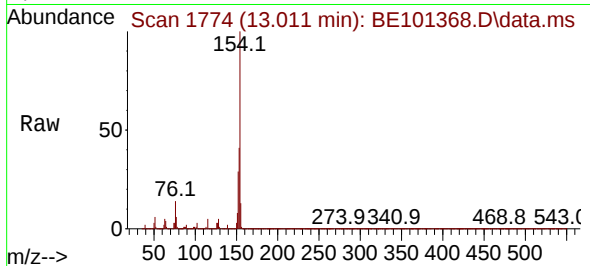




#46  
1,1'-Biphenyl  
Concen: 39.319 ng  
RT: 13.011 min Scan# 1775  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

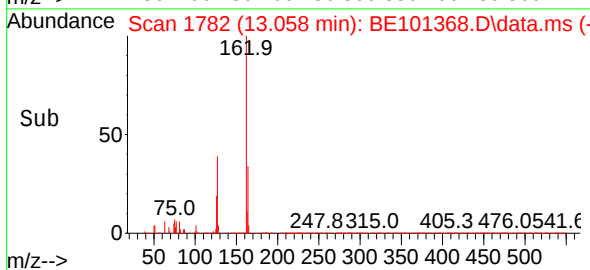
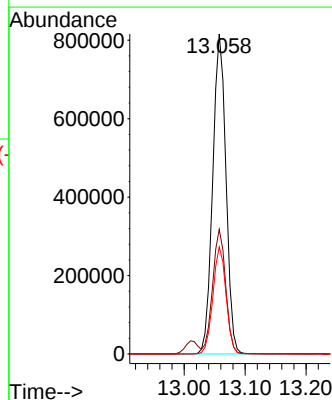
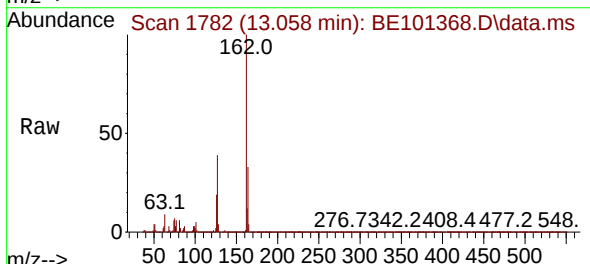
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

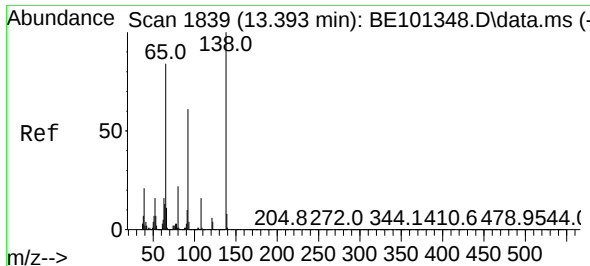
Tgt Ion:154 Resp: 1554436  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.2 61.2  
76 13.9 0.0 33.4



#47  
2-Chloronaphthalene  
Concen: 39.748 ng  
RT: 13.058 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:162 Resp: 1236104  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.2 46.8  
164 33.5 26.2 39.2





#48

2-Nitroaniline

Concen: 45.269 ng

RT: 13.392 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

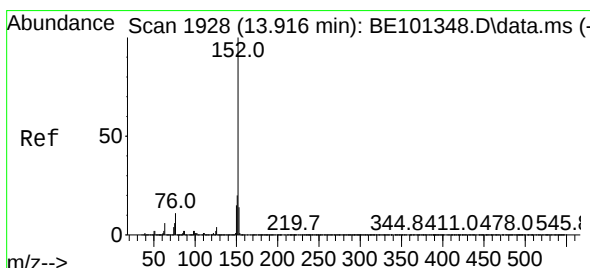
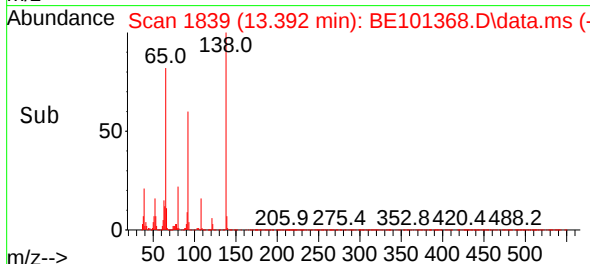
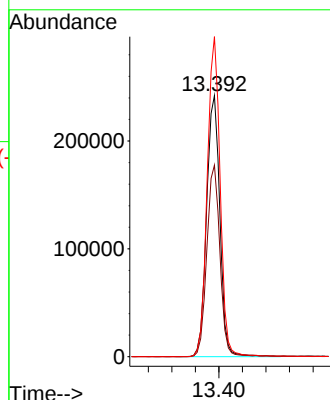
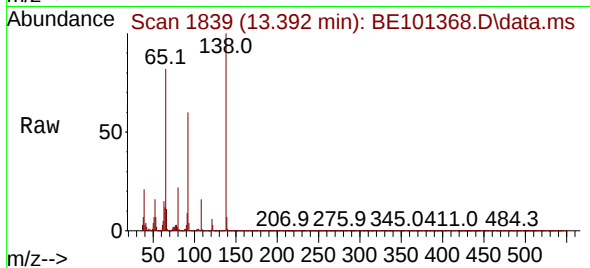
Tgt Ion: 65 Resp: 378764

Ion Ratio Lower Upper

65 100

92 73.4 58.3 87.5

138 122.5 95.0 142.4



#49

Acenaphthylene

Concen: 40.771 ng

RT: 13.915 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

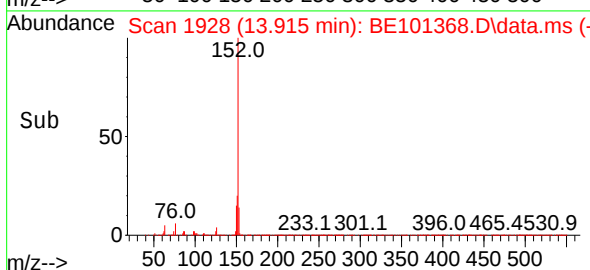
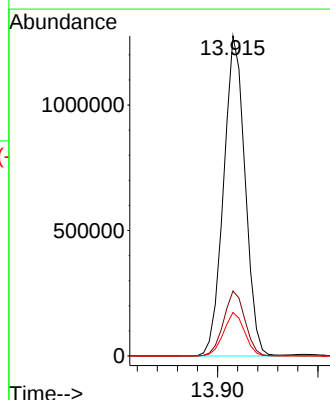
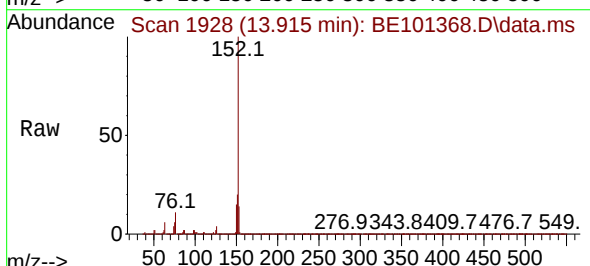
Tgt Ion:152 Resp: 1891897

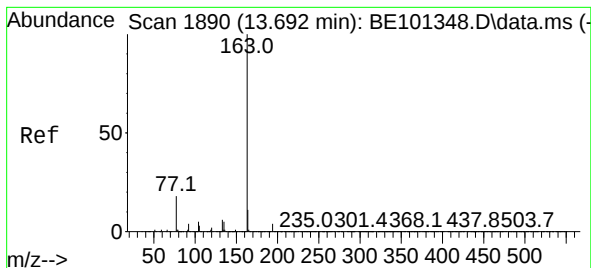
Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.6 11.1 16.7





#50

Dimethylphthalate

Concen: 39.869 ng

RT: 13.692 min Scan# 1890

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

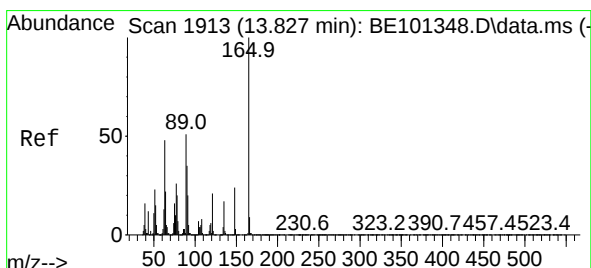
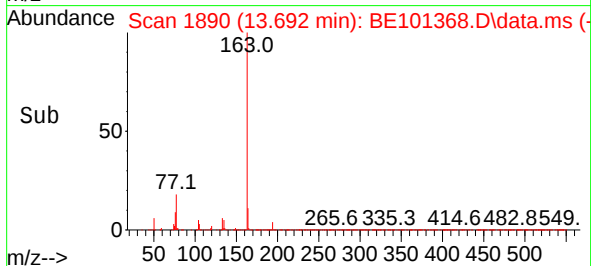
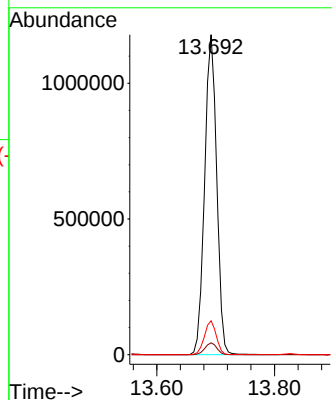
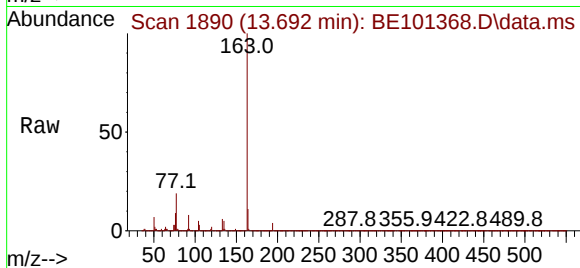
Tgt Ion:163 Resp: 1678362

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.6 8.5 12.7



#51

2,6-Dinitrotoluene

Concen: 42.172 ng

RT: 13.827 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

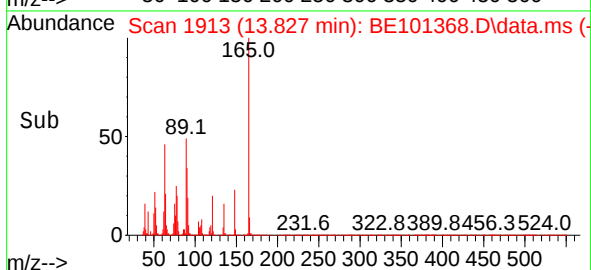
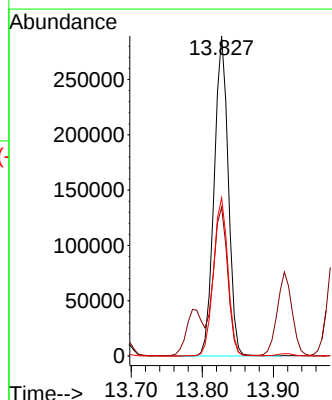
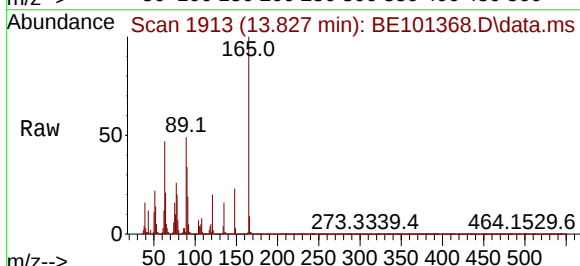
Tgt Ion:165 Resp: 397301

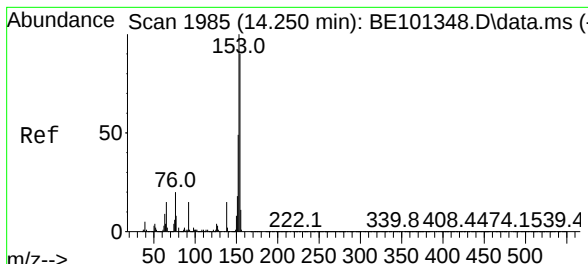
Ion Ratio Lower Upper

165 100

63 46.5 38.5 57.7

89 49.4 40.5 60.7

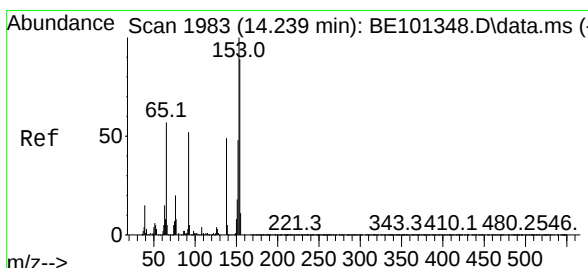
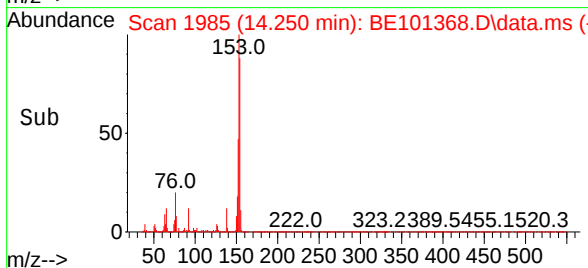
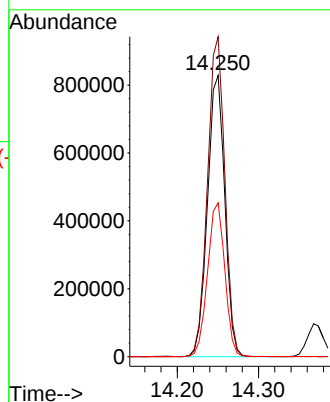
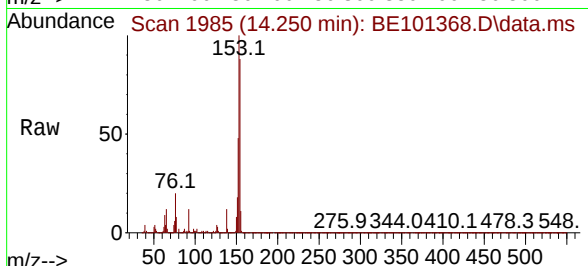




#52  
Acenaphthene  
Concen: 39.943 ng  
RT: 14.250 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

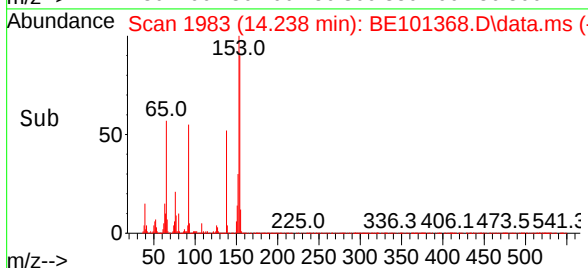
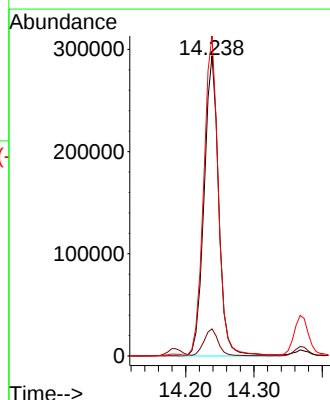
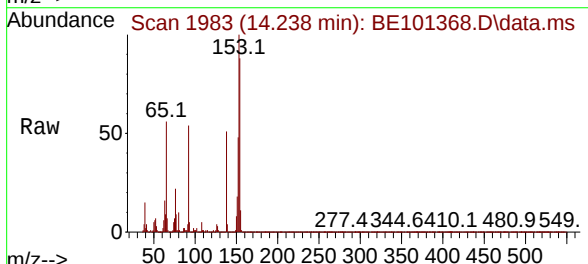
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

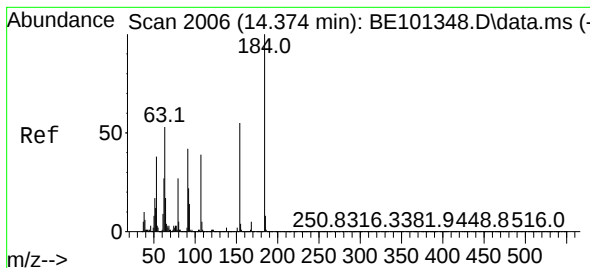
Tgt Ion:154 Resp: 1221798  
Ion Ratio Lower Upper  
154 100  
153 113.7 88.8 133.2  
152 54.7 43.2 64.8



#53  
3-Nitroaniline  
Concen: 45.012 ng  
RT: 14.238 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:138 Resp: 436213  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.2 10.8  
92 106.6 85.7 128.5

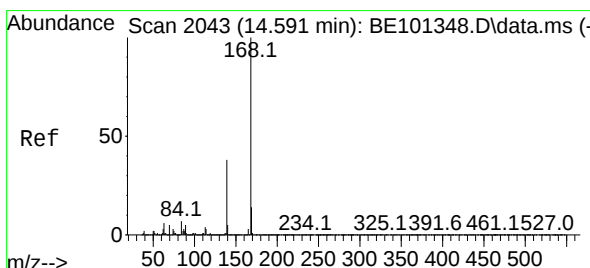
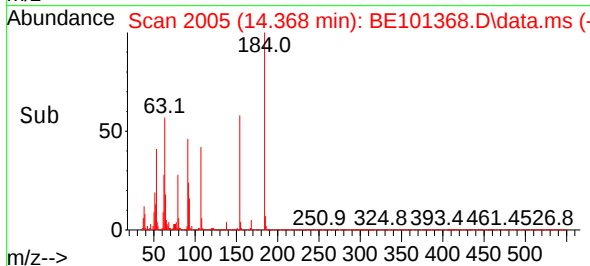
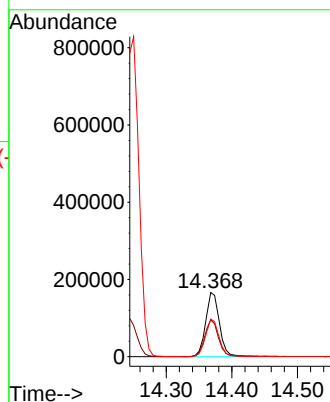
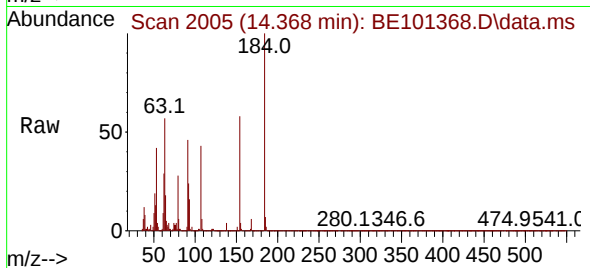




#54  
2,4-Dinitrophenol  
Concen: 43.619 ng  
RT: 14.368 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

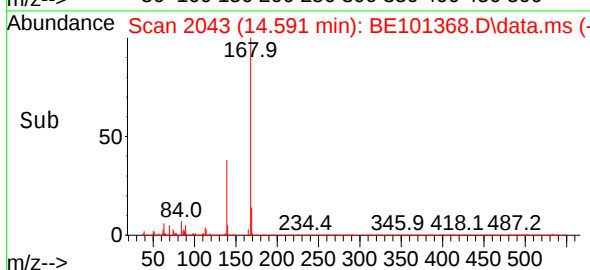
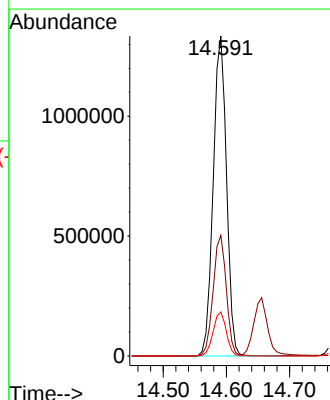
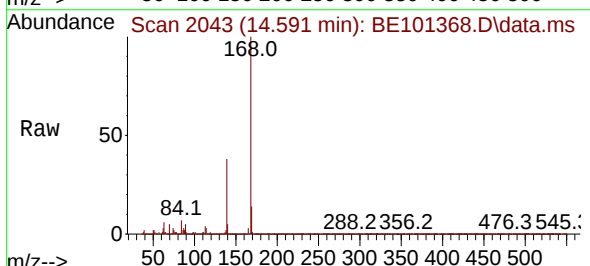
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

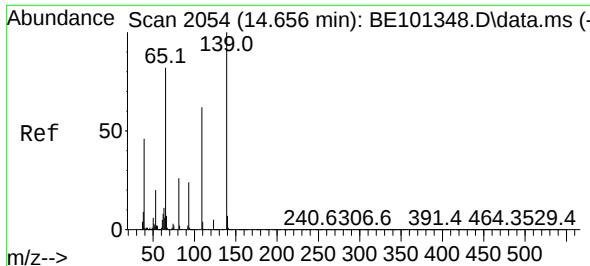
Tgt Ion:184 Resp: 244623  
Ion Ratio Lower Upper  
184 100  
63 57.3 42.5 63.7  
154 58.5 44.2 66.2



#55  
Dibenzofuran  
Concen: 40.247 ng  
RT: 14.591 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:168 Resp: 1944574  
Ion Ratio Lower Upper  
168 100  
139 37.7 30.5 45.7  
169 13.8 11.4 17.2





#56

4-Nitrophenol

Concen: 46.722 ng

RT: 14.656 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

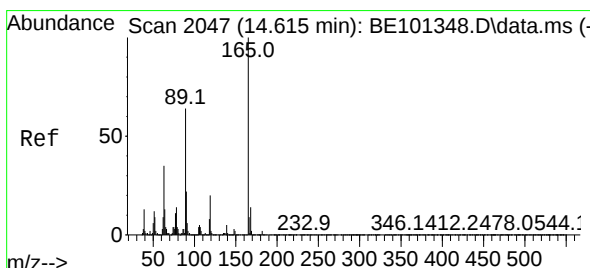
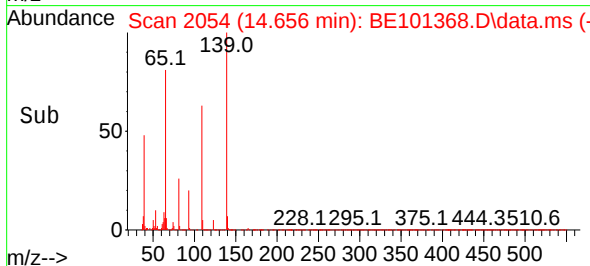
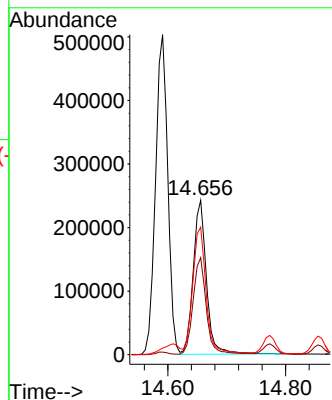
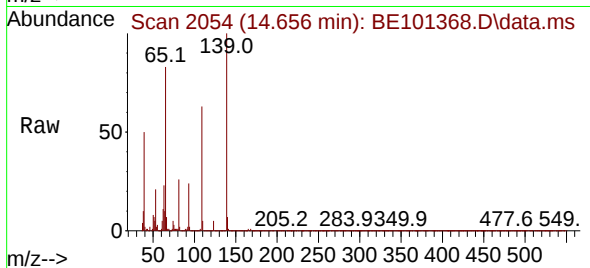
Tgt Ion:139 Resp: 376422

Ion Ratio Lower Upper

139 100

109 62.8 41.9 81.9

65 82.7 63.0 103.0



#57

2,4-Dinitrotoluene

Concen: 44.292 ng

RT: 14.609 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Tgt Ion:165 Resp: 568048

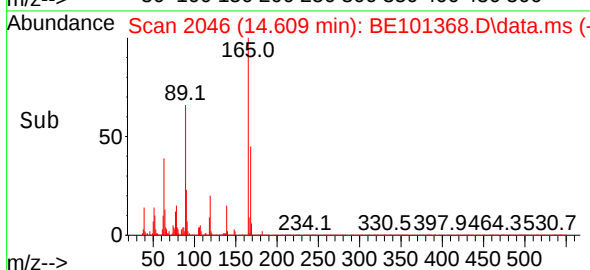
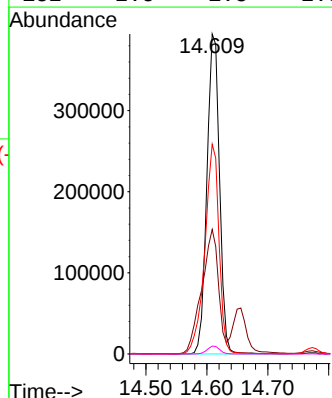
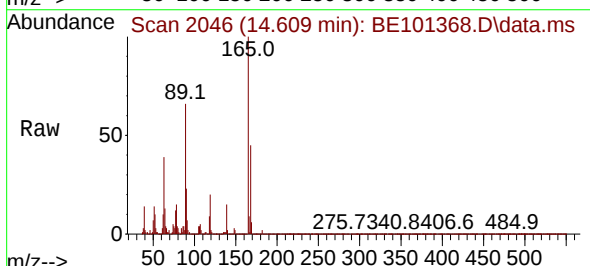
Ion Ratio Lower Upper

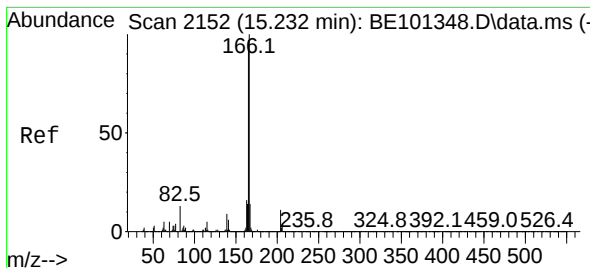
165 100

63 38.9 28.4 42.6

89 65.5 51.0 76.4

182 2.5 1.8 2.8





#58

Fluorene

Concen: 40.647 ng

RT: 15.231 min Scan# 2152

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

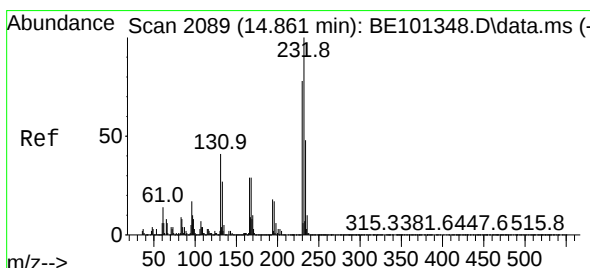
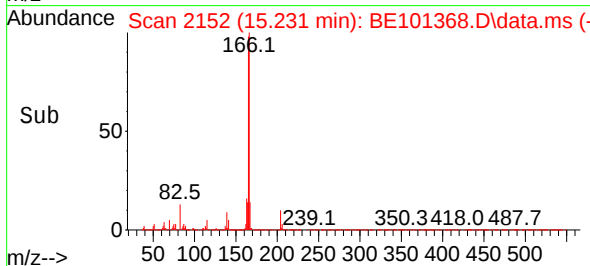
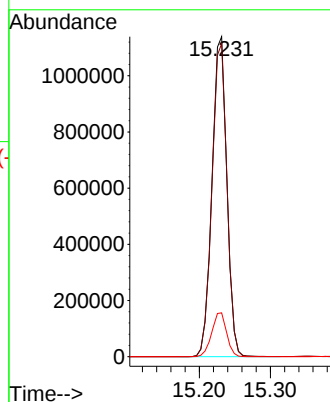
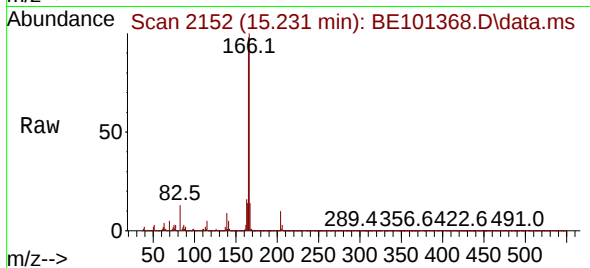
Tgt Ion:166 Resp: 1654741

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 13.7 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.766 ng

RT: 14.855 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Tgt Ion:232 Resp: 443541

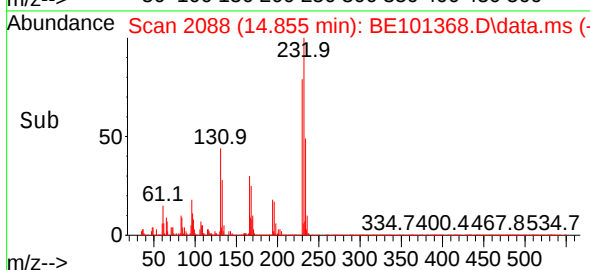
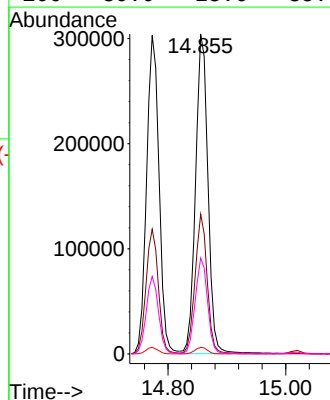
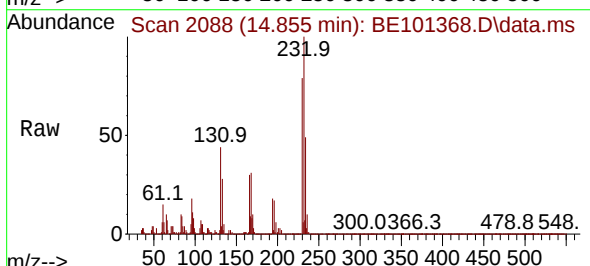
Ion Ratio Lower Upper

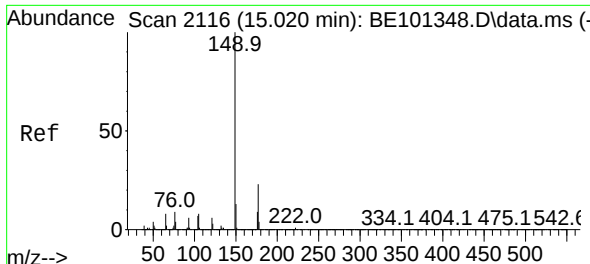
232 100

131 42.6 34.2 51.4

130 2.2 1.8 2.6

166 30.0 23.6 35.4





#60

Diethylphthalate

Concen: 41.262 ng

RT: 15.020 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

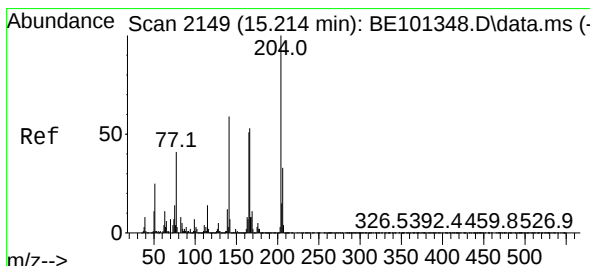
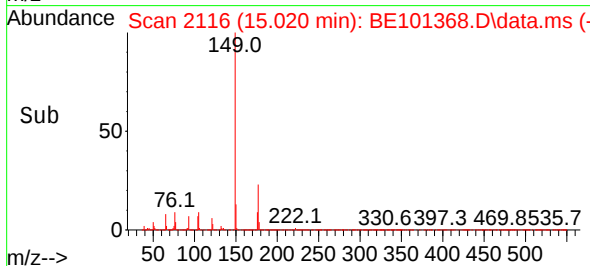
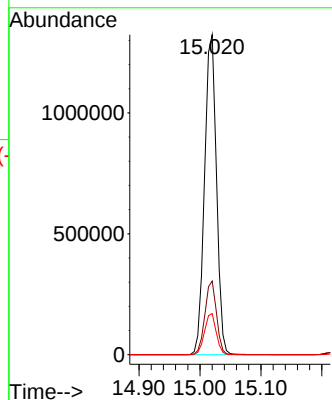
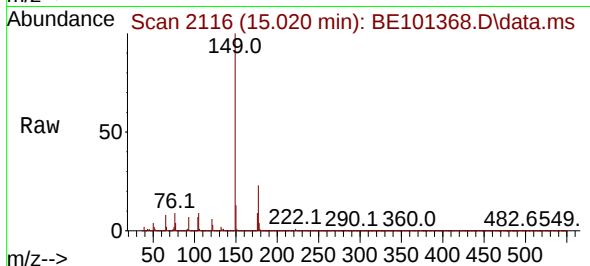
Tgt Ion:149 Resp: 1802116

Ion Ratio Lower Upper

149 100

177 23.0 18.4 27.6

150 12.9 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 40.167 ng

RT: 15.214 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

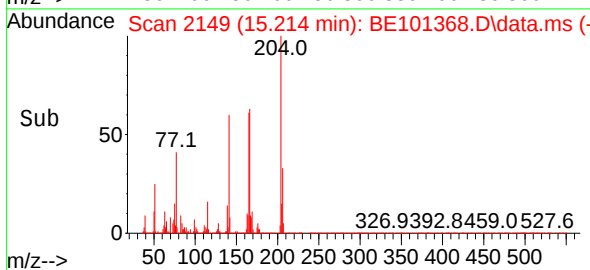
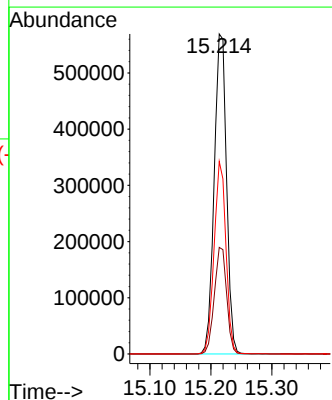
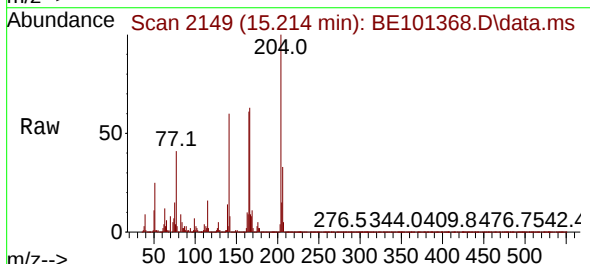
Tgt Ion:204 Resp: 802095

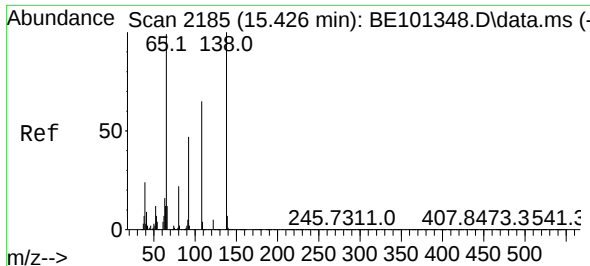
Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

141 60.1 47.2 70.8





#62

4-Nitroaniline

Concen: 47.412 ng

RT: 15.425 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

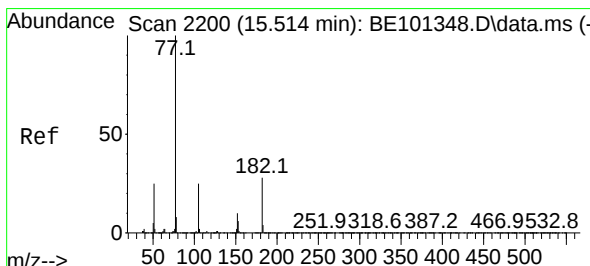
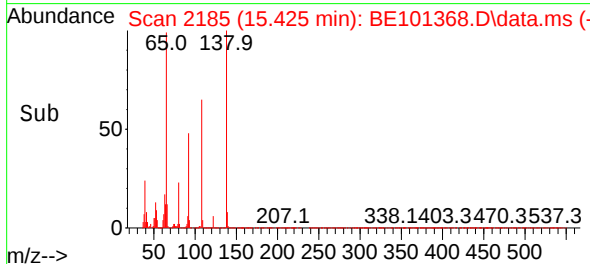
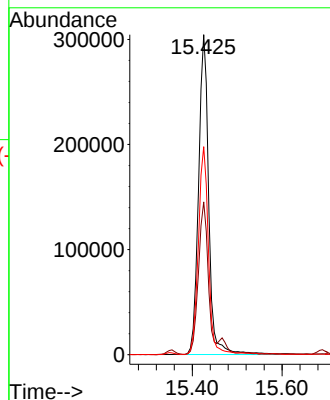
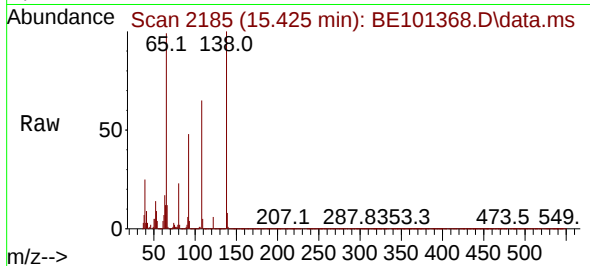
Tgt Ion:138 Resp: 478836

Ion Ratio Lower Upper

138 100

92 47.7 26.8 66.8

108 65.0 44.7 84.7



#63

Azobenzene

Concen: 41.061 ng

RT: 15.513 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Tgt Ion: 77 Resp: 1532506

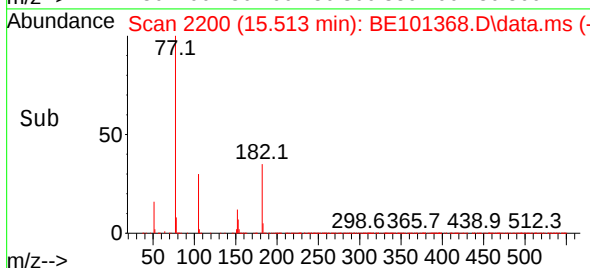
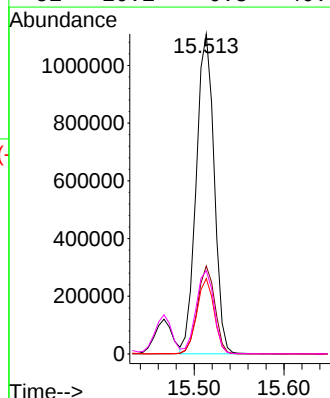
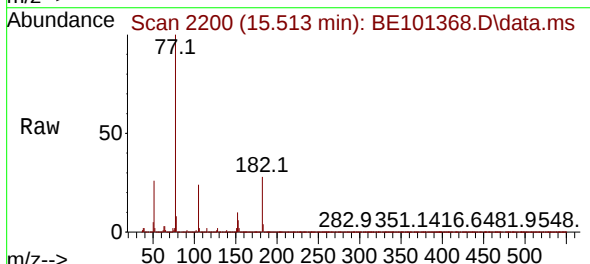
Ion Ratio Lower Upper

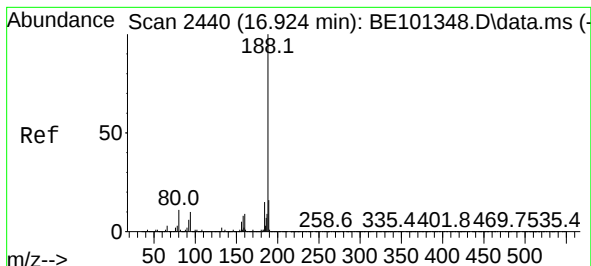
77 100

182 27.5 7.8 47.8

105 23.5 4.3 44.3

51 26.1 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: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

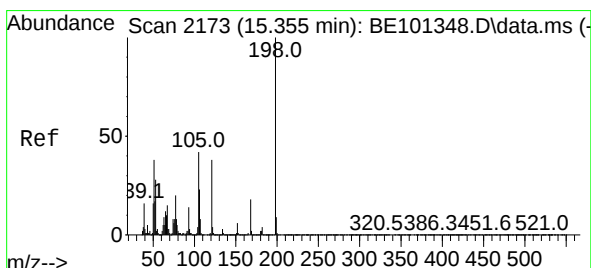
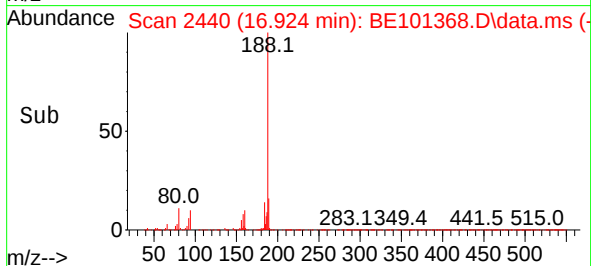
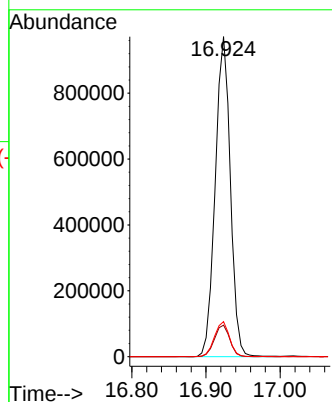
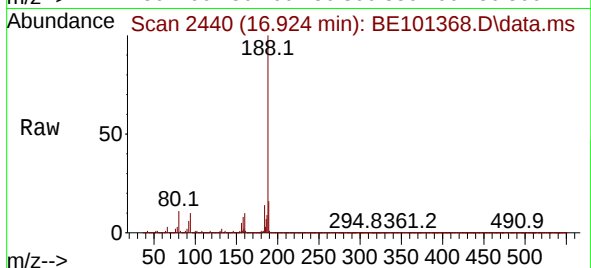
Tgt Ion:188 Resp: 1373726

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.9 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 42.234 ng

RT: 15.355 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

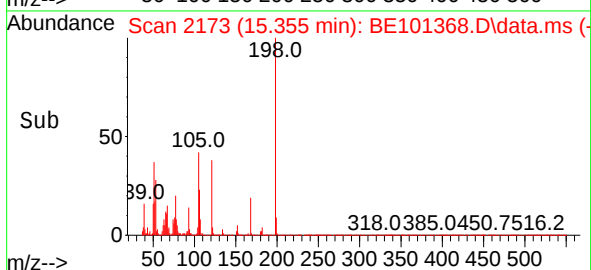
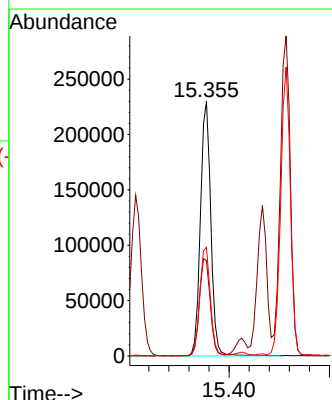
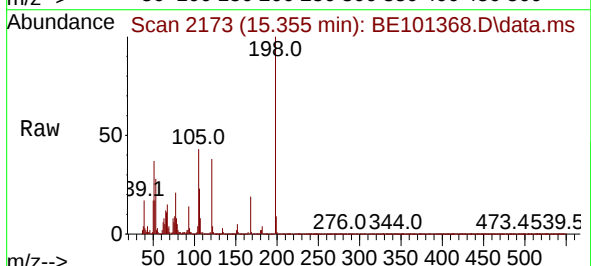
Tgt Ion:198 Resp: 329448

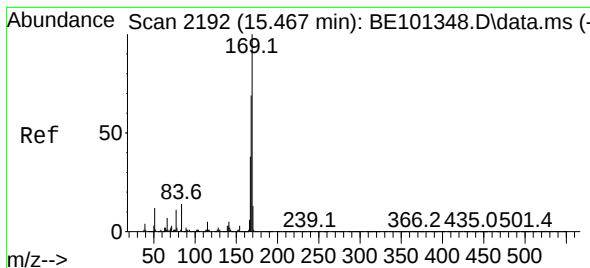
Ion Ratio Lower Upper

198 100

51 37.4 18.1 58.1

105 42.7 22.0 62.0





#66

n-Nitrosodiphenylamine

Concen: 39.581 ng

RT: 15.466 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

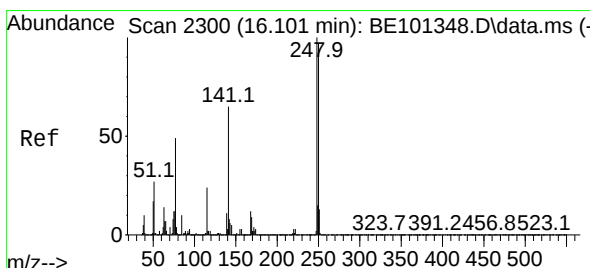
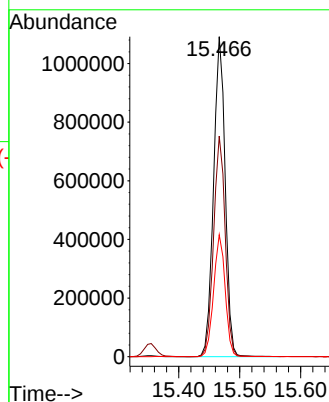
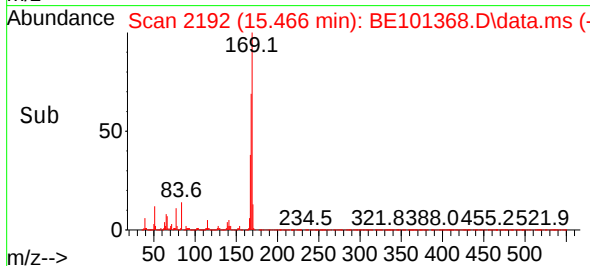
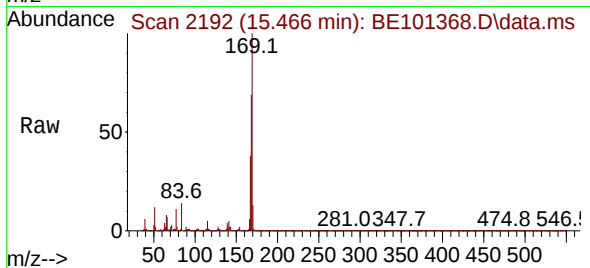
Tgt Ion:169 Resp: 1449337

Ion Ratio Lower Upper

169 100

168 69.0 55.1 82.7

167 38.1 30.5 45.7



#67

4-Bromophenyl-phenylether

Concen: 39.387 ng

RT: 16.101 min Scan# 2300

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

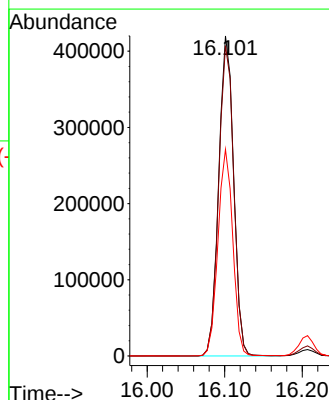
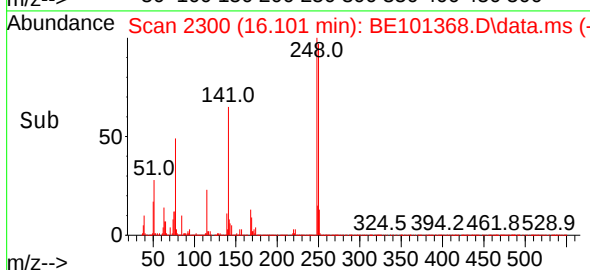
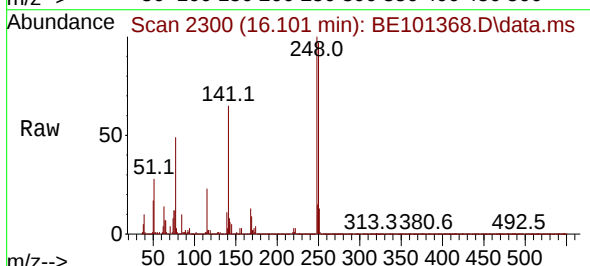
Tgt Ion:248 Resp: 562102

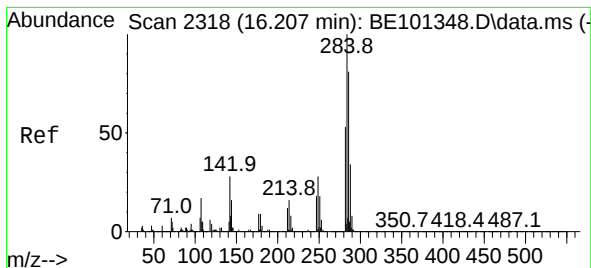
Ion Ratio Lower Upper

248 100

250 96.9 77.7 116.5

141 64.6 51.8 77.8





#68

Hexachlorobenzene

Concen: 39.354 ng

RT: 16.207 min Scan# 2318

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

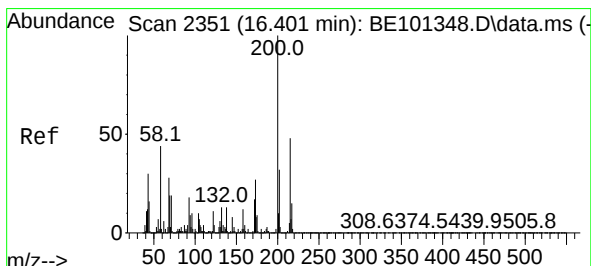
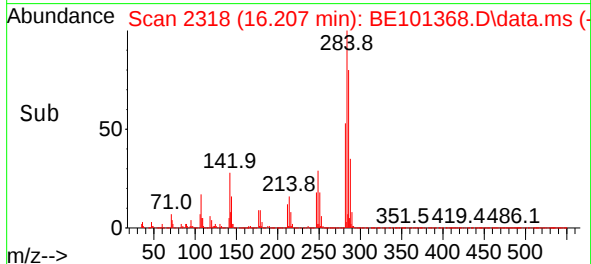
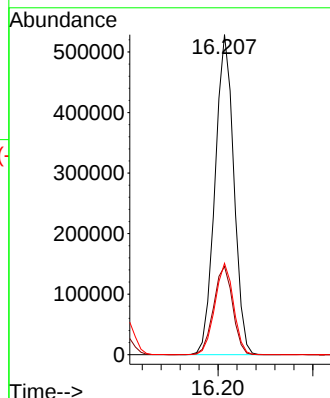
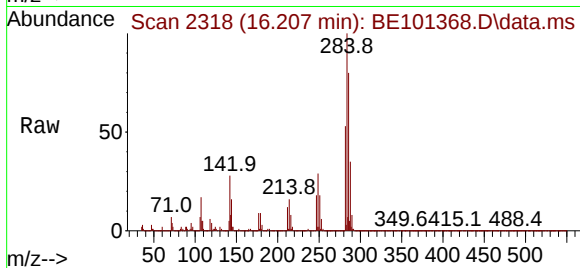
Tgt Ion:284 Resp: 725838

Ion Ratio Lower Upper

284 100

142 27.6 22.1 33.1

249 28.6 22.7 34.1



#69

Atrazine

Concen: 38.207 ng

RT: 16.401 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

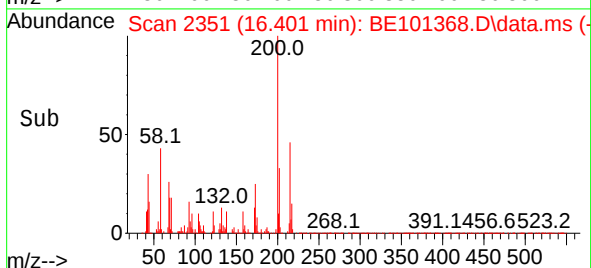
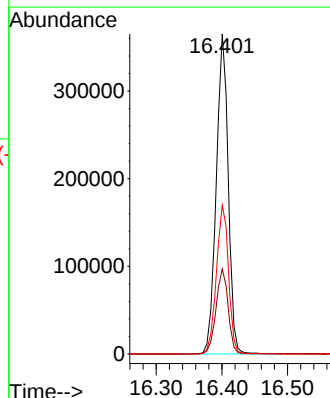
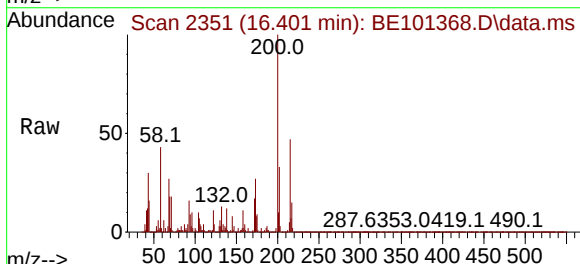
Tgt Ion:200 Resp: 461987

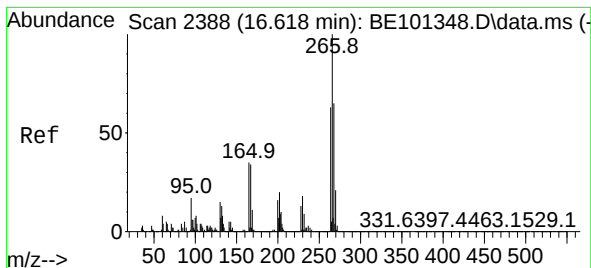
Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

215 46.5 27.8 67.8





#70

Pentachlorophenol

Concen: 43.512 ng

RT: 16.612 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

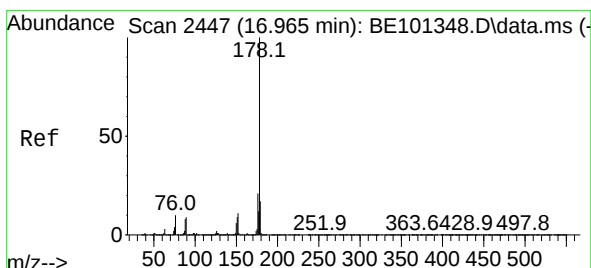
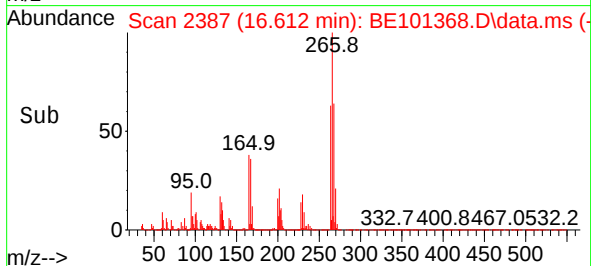
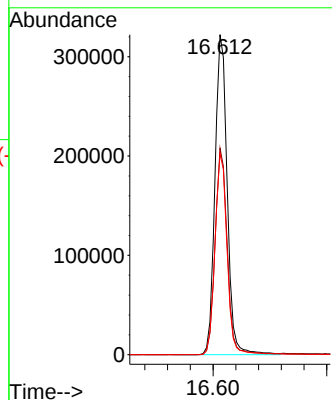
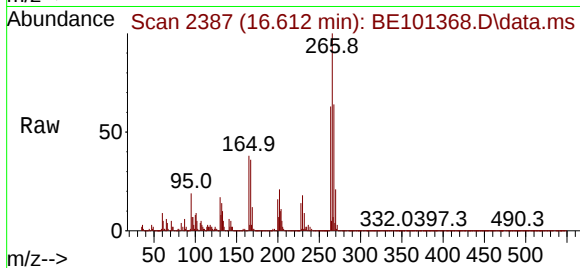
Tgt Ion:266 Resp: 479500

Ion Ratio Lower Upper

266 100

268 64.5 52.2 78.4

264 62.9 50.5 75.7



#71

Phenanthrene

Concen: 40.336 ng

RT: 16.965 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

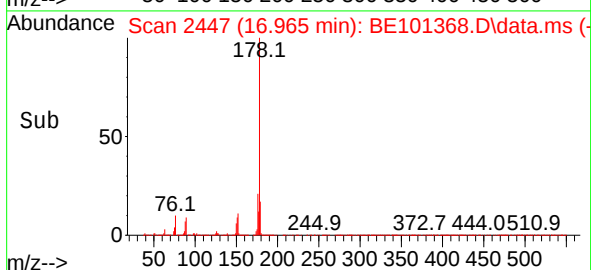
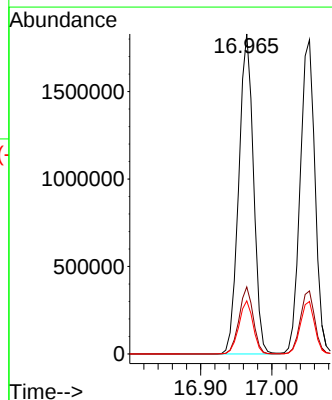
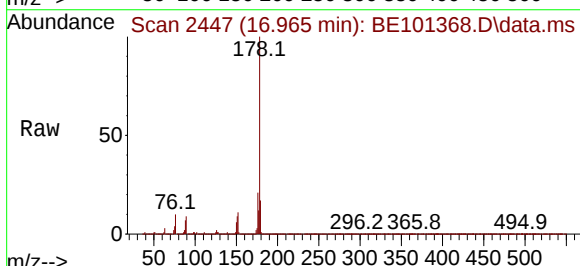
Tgt Ion:178 Resp: 2631667

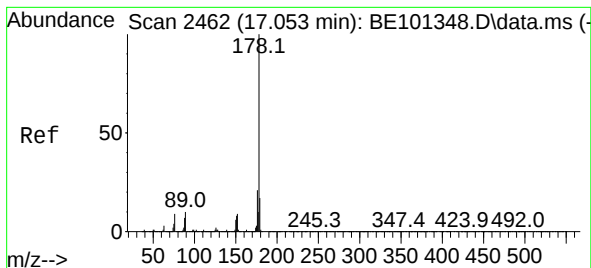
Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

179 16.6 13.3 19.9





#72

Anthracene

Concen: 41.078 ng

RT: 17.053 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

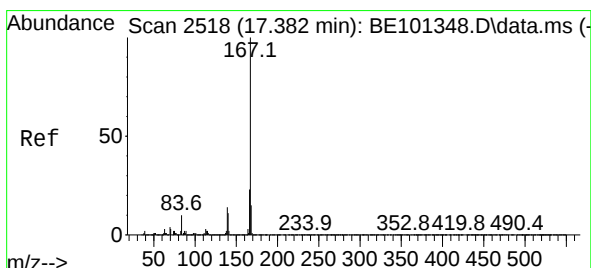
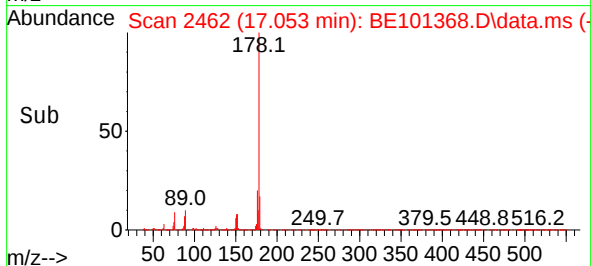
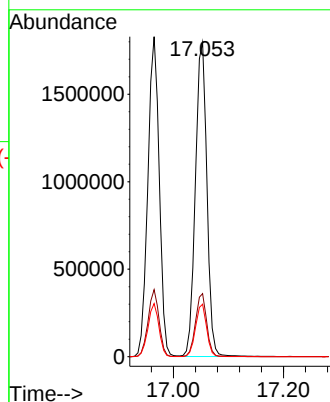
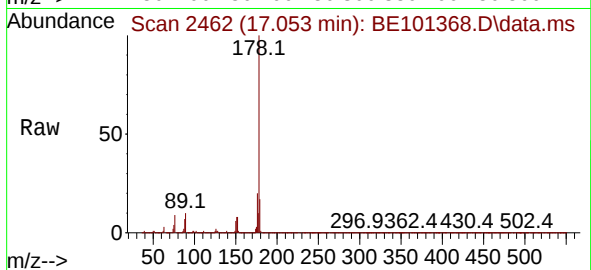
Tgt Ion:178 Resp: 2608057

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

179 16.7 13.4 20.0



#73

Carbazole

Concen: 41.757 ng

RT: 17.382 min Scan# 2518

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

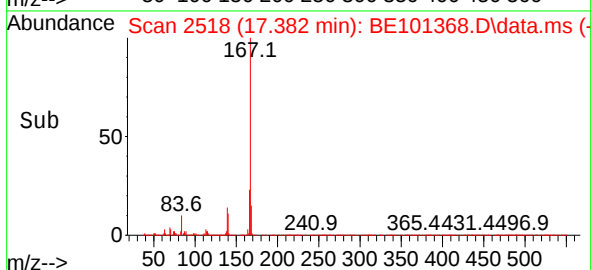
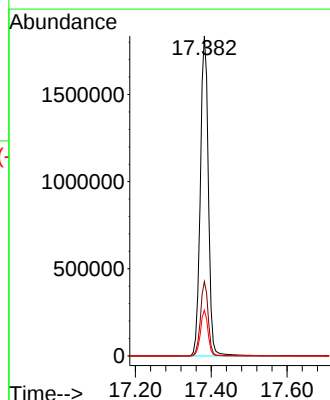
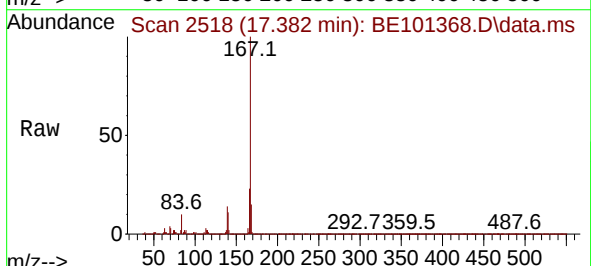
Tgt Ion:167 Resp: 2716811

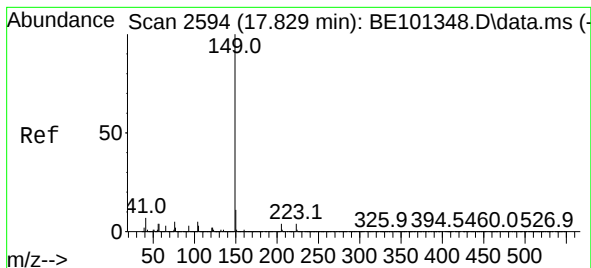
Ion Ratio Lower Upper

167 100

166 23.3 18.4 27.6

139 14.3 11.1 16.7





#74

Di-n-butylphthalate

Concen: 43.268 ng

RT: 17.828 min Scan# 2594

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

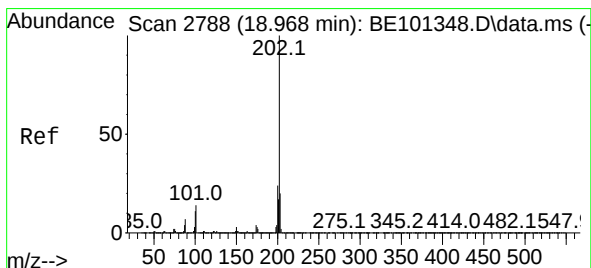
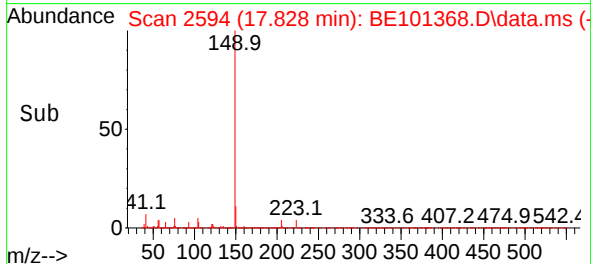
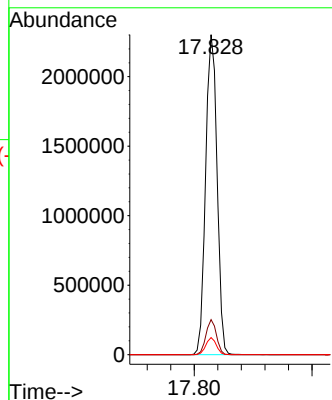
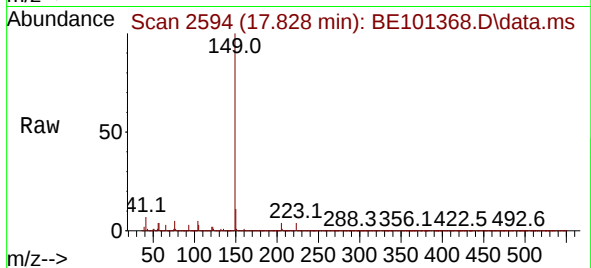
Tgt Ion:149 Resp: 3091016

Ion Ratio Lower Upper

149 100

150 10.9 9.0 13.6

104 5.4 4.4 6.6



#75

Fluoranthene

Concen: 41.550 ng

RT: 18.968 min Scan# 2788

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

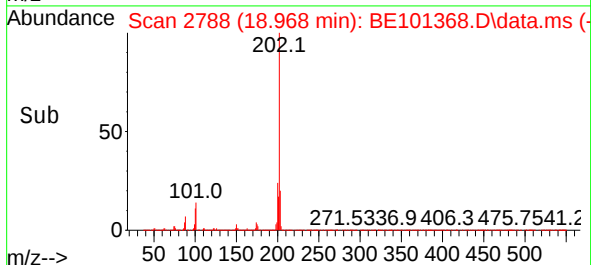
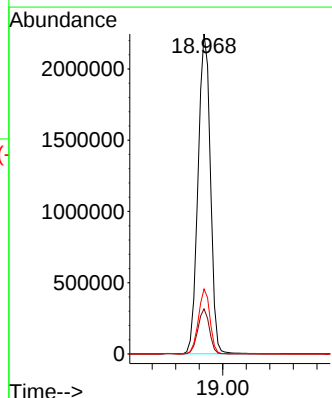
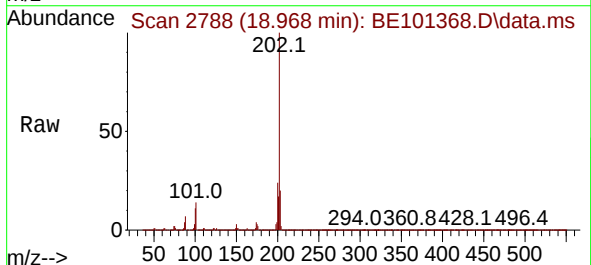
Tgt Ion:202 Resp: 3263472

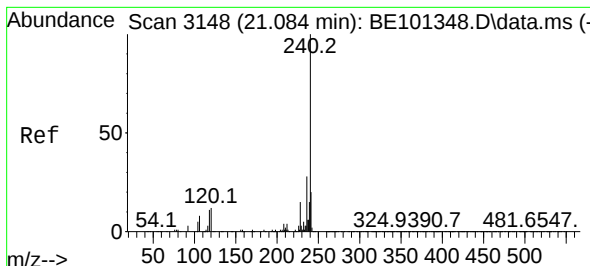
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.2

203 20.3 0.4 40.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.083 min Scan# 3148

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

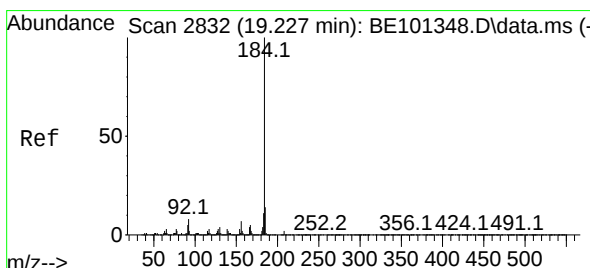
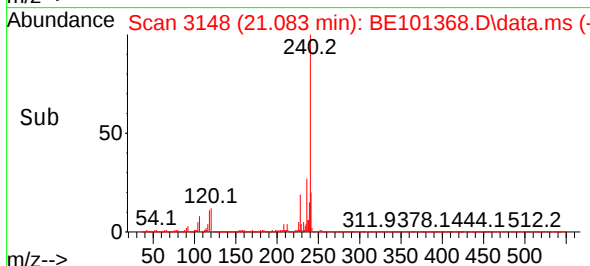
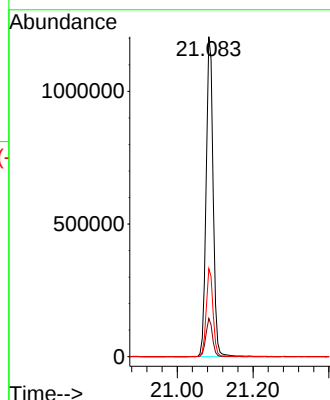
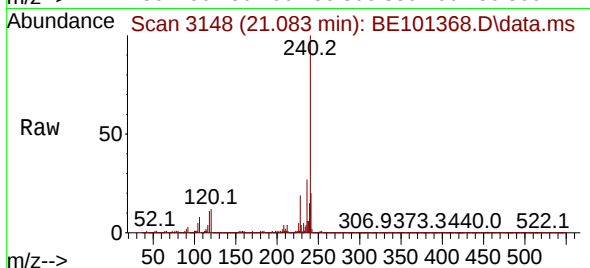
Tgt Ion:240 Resp: 1537507

Ion Ratio Lower Upper

240 100

120 12.0 9.8 14.8

236 27.5 22.1 33.1



#77

Benzidine

Concen: 76.962 ng

RT: 19.233 min Scan# 2833

Delta R.T. 0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

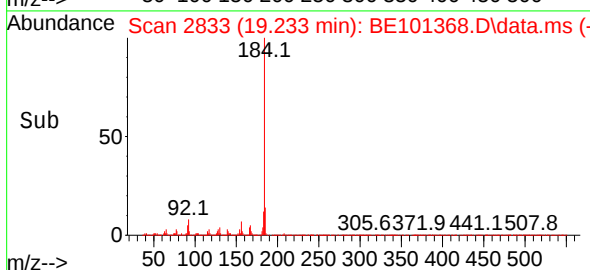
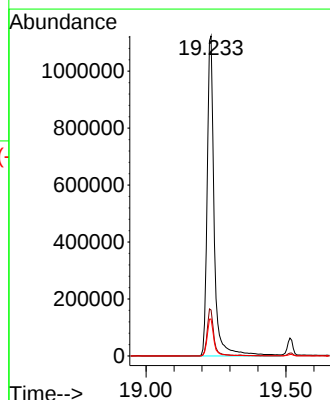
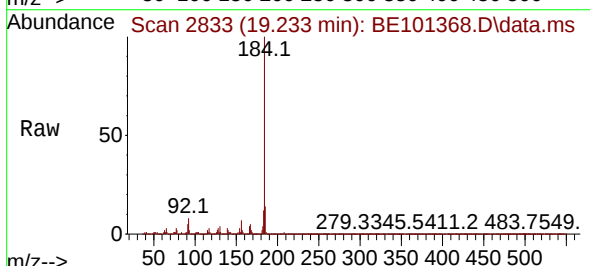
Tgt Ion:184 Resp: 1963883

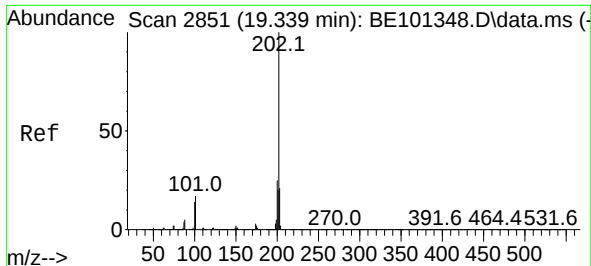
Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.6 9.1 13.7

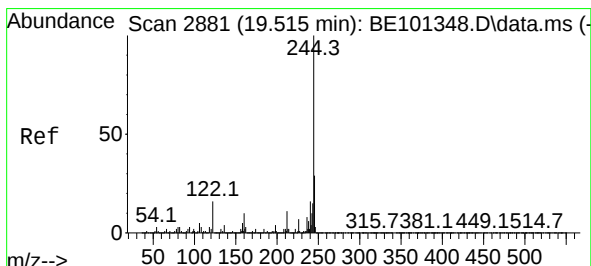
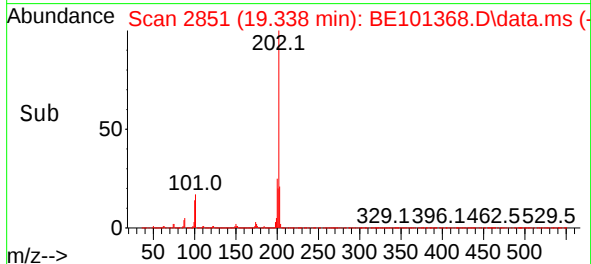
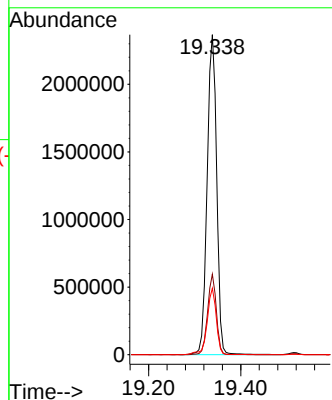
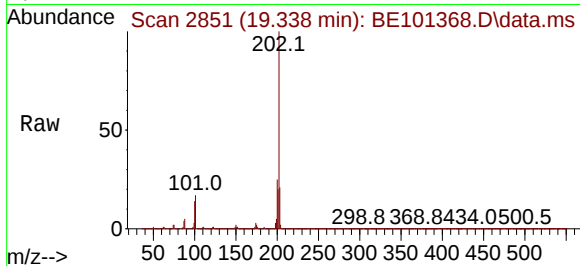




#78  
Pyrene  
Concen: 40.015 ng  
RT: 19.338 min Scan# 2851  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

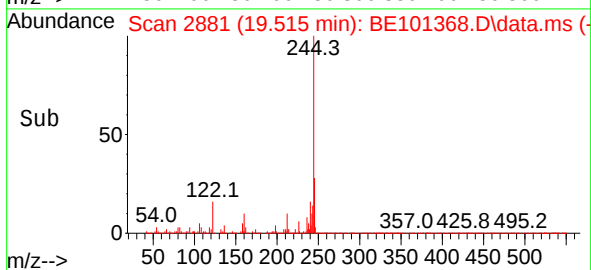
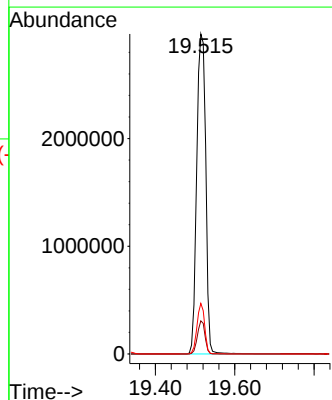
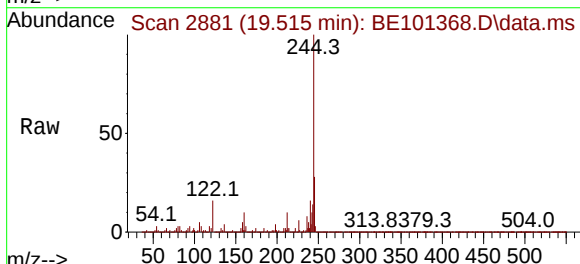
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

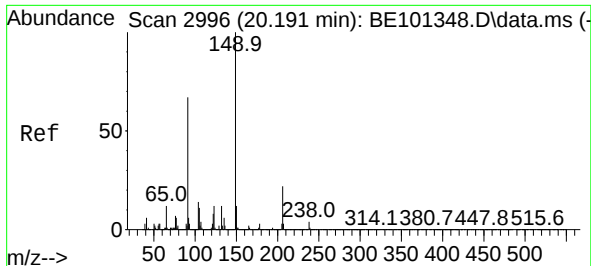
Tgt Ion:202 Resp: 3421747  
Ion Ratio Lower Upper  
202 100  
200 25.2 20.2 30.2  
203 20.8 16.6 25.0



#79  
Terphenyl-d14  
Concen: 67.418 ng  
RT: 19.515 min Scan# 2881  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:244 Resp: 4674835  
Ion Ratio Lower Upper  
244 100  
212 10.4 8.5 12.7  
122 15.8 13.1 19.7

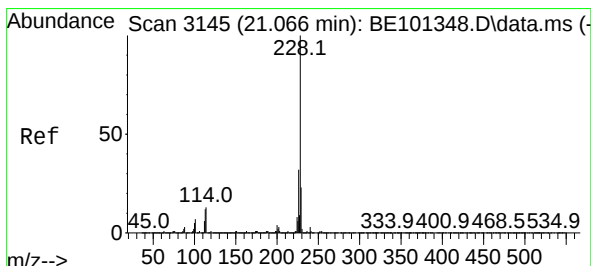
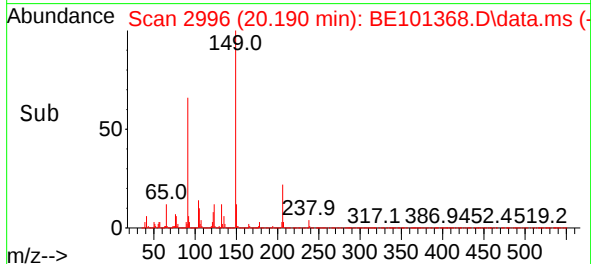
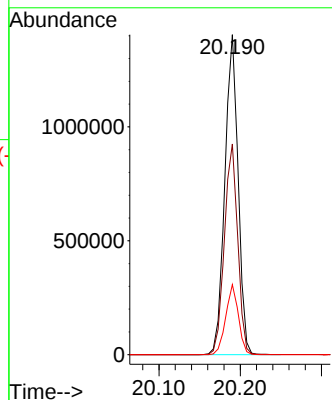
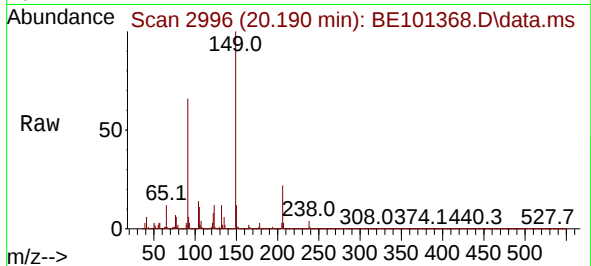




#80  
Butylbenzylphthalate  
Concen: 42.198 ng  
RT: 20.190 min Scan# 2996  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

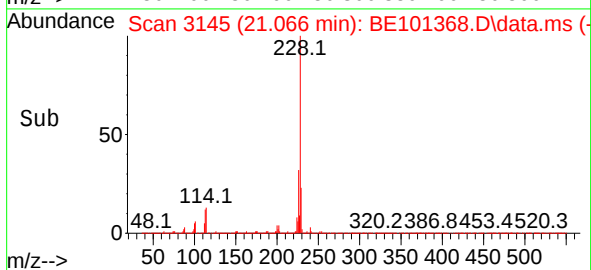
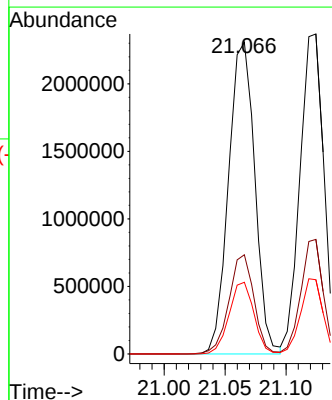
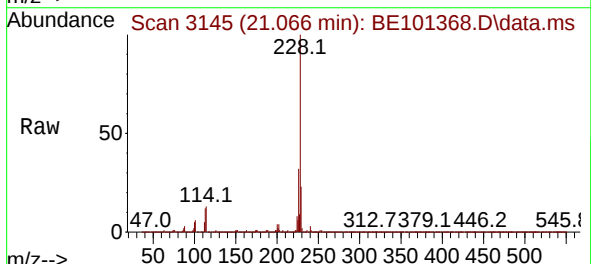
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC040EC

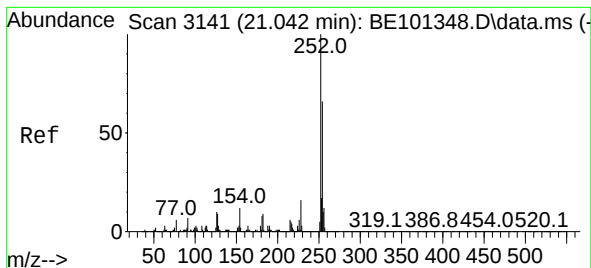
Tgt Ion:149 Resp: 1597332  
Ion Ratio Lower Upper  
149 100  
91 65.9 53.4 80.2  
206 21.9 17.4 26.0



#81  
Benzo(a)anthracene  
Concen: 40.206 ng  
RT: 21.066 min Scan# 3145  
Delta R.T. -0.000 min  
Lab File: BE101368.D  
Acq: 18 Sep 2024 17:52

Tgt Ion:228 Resp: 3471536  
Ion Ratio Lower Upper  
228 100  
226 31.8 25.7 38.5  
229 23.0 18.6 28.0





#82

3,3'-Dichlorobenzidine

Concen: 44.456 ng

RT: 21.042 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

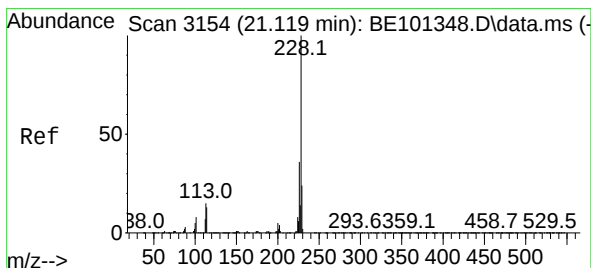
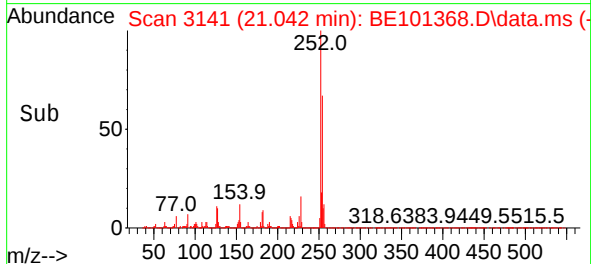
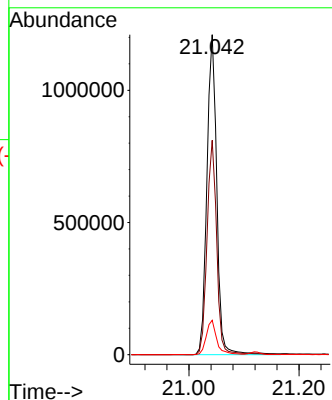
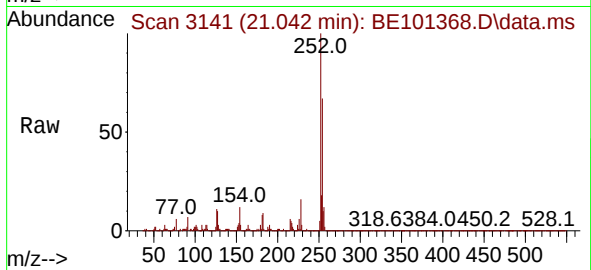
Tgt Ion:252 Resp: 1504033

Ion Ratio Lower Upper

252 100

254 67.0 52.5 78.7

126 10.7 8.0 12.0



#83

Chrysene

Concen: 39.440 ng

RT: 21.125 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

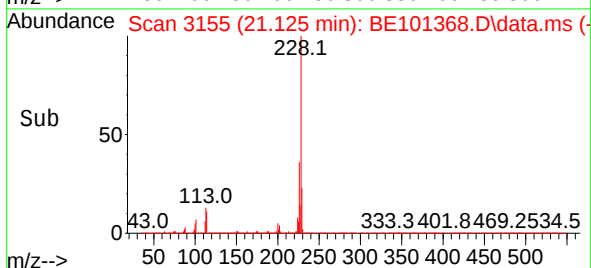
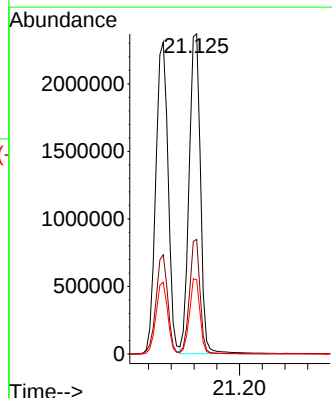
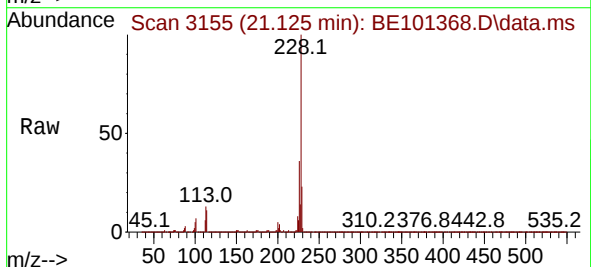
Tgt Ion:228 Resp: 3271315

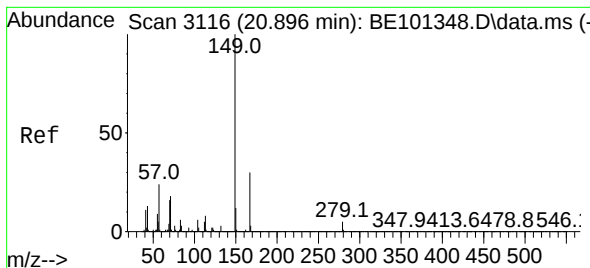
Ion Ratio Lower Upper

228 100

226 35.8 28.4 42.6

229 23.2 19.0 28.4

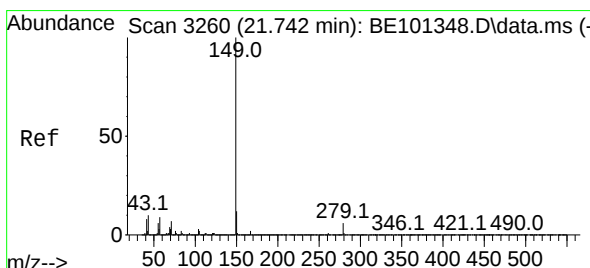
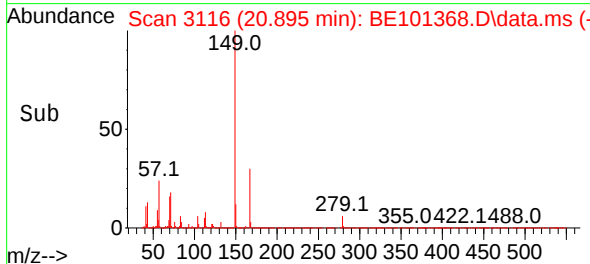
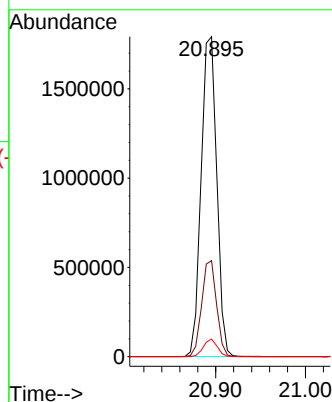
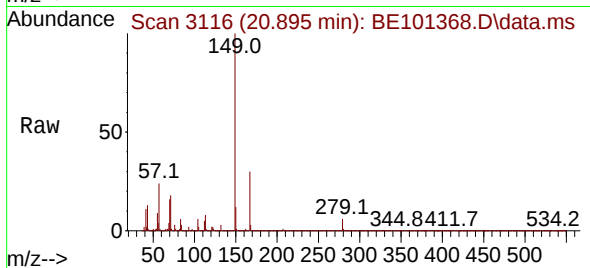




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.118 ng  
 RT: 20.895 min Scan# 3116  
 Delta R.T. -0.000 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

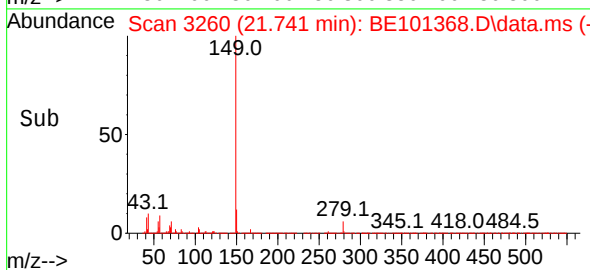
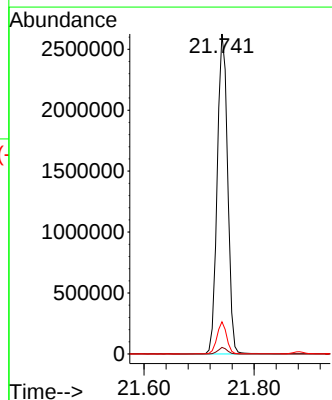
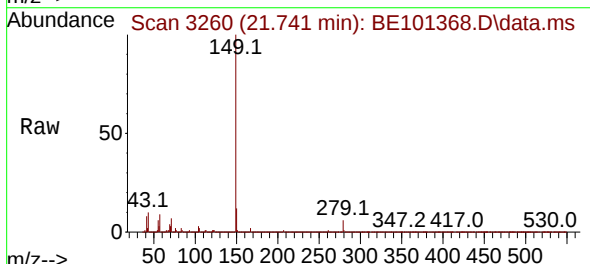
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC040EC

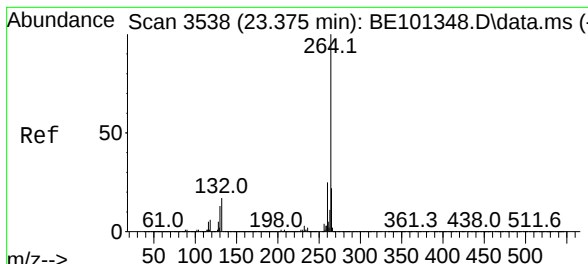
Tgt Ion:149 Resp: 2158453  
 Ion Ratio Lower Upper  
 149 100  
 167 30.0 23.9 35.9  
 279 5.5 4.2 6.4



#85  
 Di-n-octyl phthalate  
 Concen: 42.291 ng  
 RT: 21.741 min Scan# 3260  
 Delta R.T. -0.000 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

Tgt Ion:149 Resp: 3455800  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.2  
 43 9.3 7.4 11.0

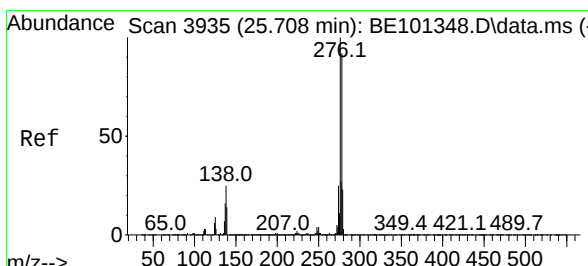
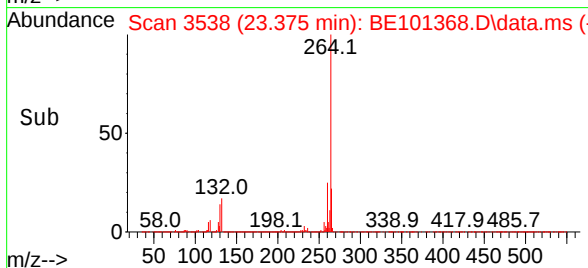
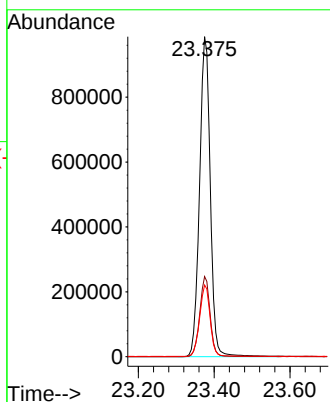
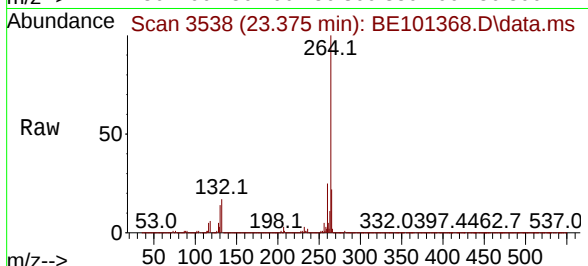




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.375 min Scan# 3538  
 Delta R.T. -0.000 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

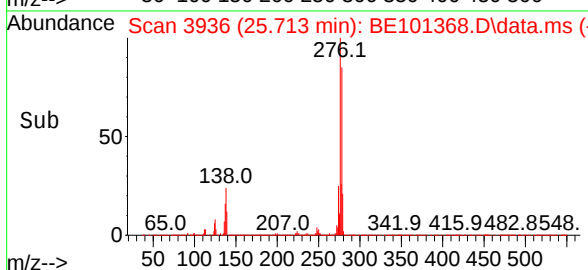
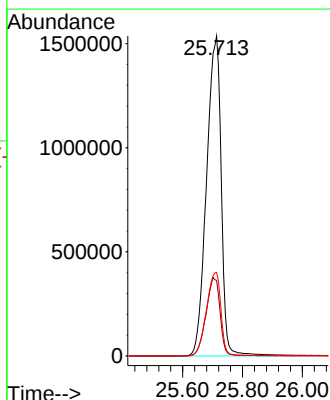
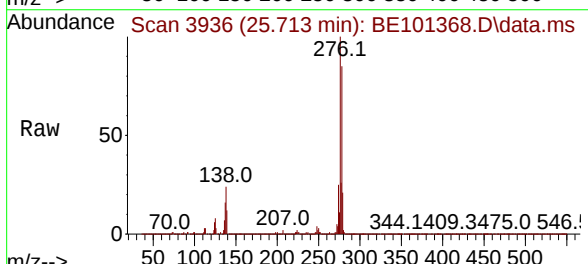
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC040EC

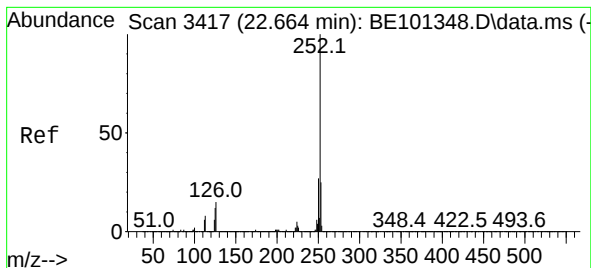
Tgt Ion:264 Resp: 1938420  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 19.8 29.6  
 265 22.4 17.8 26.6



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.916 ng  
 RT: 25.713 min Scan# 3936  
 Delta R.T. 0.006 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

Tgt Ion:276 Resp: 5225389  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 19.2 28.8  
 277 25.9 20.8 31.2





#88

Benzo(b)fluoranthene

Concen: 39.946 ng

RT: 22.664 min Scan# 3417

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

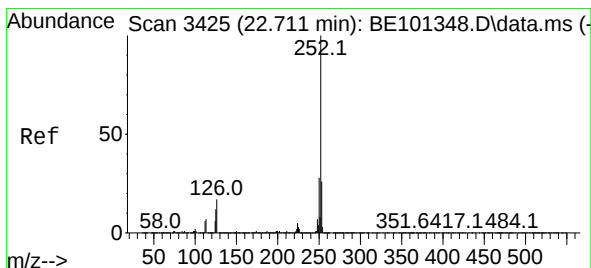
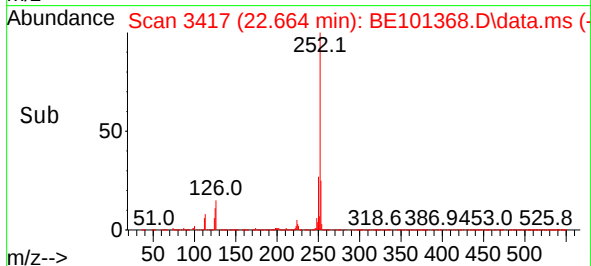
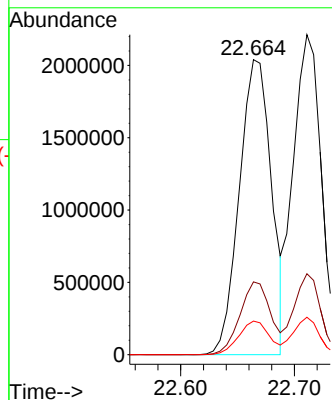
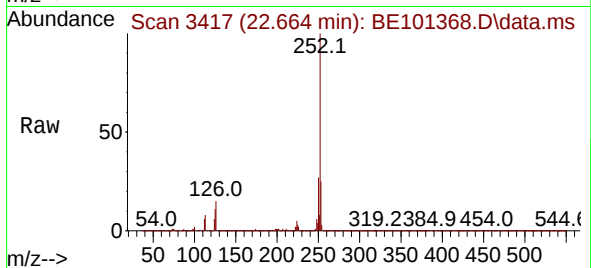
Tgt Ion:252 Resp: 4010384

Ion Ratio Lower Upper

252 100

253 24.7 20.2 30.2

125 11.4 9.4 14.0



#89

Benzo(k)fluoranthene

Concen: 40.834 ng

RT: 22.711 min Scan# 3425

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

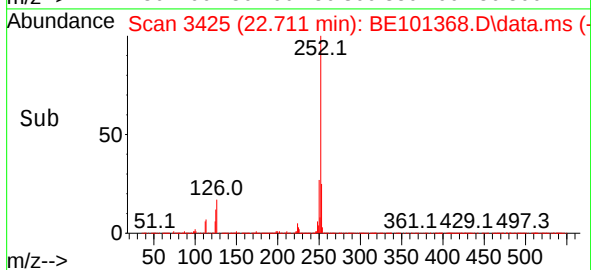
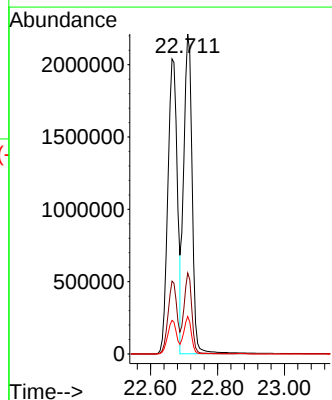
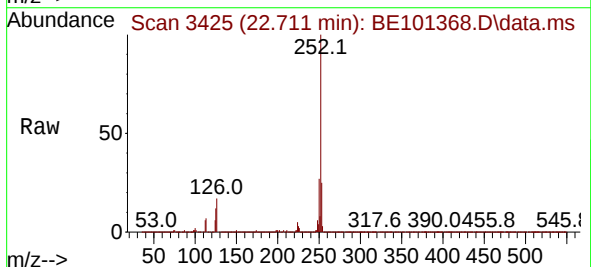
Tgt Ion:252 Resp: 3869191

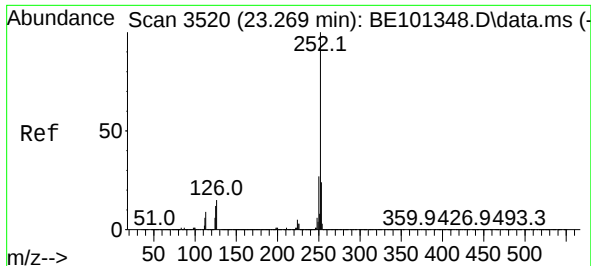
Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.4

125 11.7 9.4 14.0





#90

Benzo(a)pyrene

Concen: 40.950 ng

RT: 23.269 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC040EC

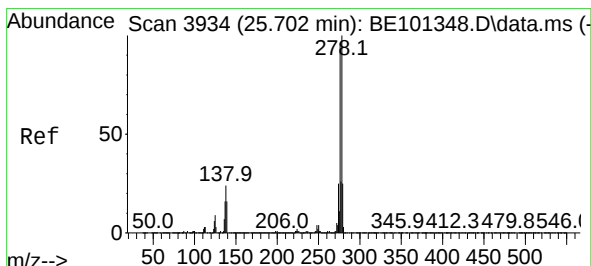
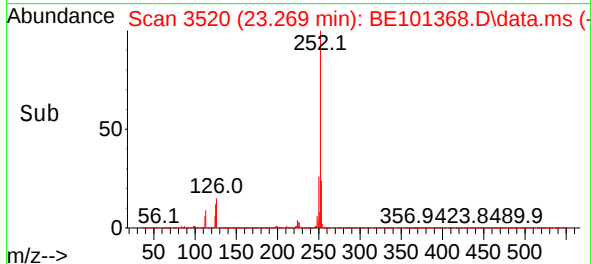
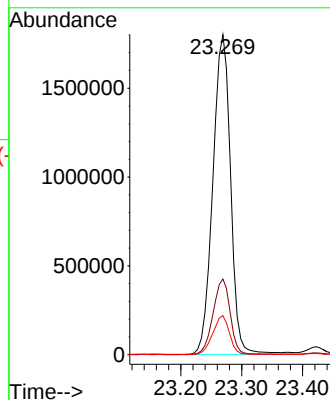
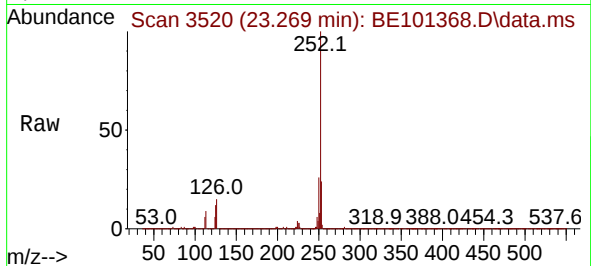
Tgt Ion:252 Resp: 3628204

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

125 12.2 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 41.094 ng

RT: 25.702 min Scan# 3934

Delta R.T. -0.000 min

Lab File: BE101368.D

Acq: 18 Sep 2024 17:52

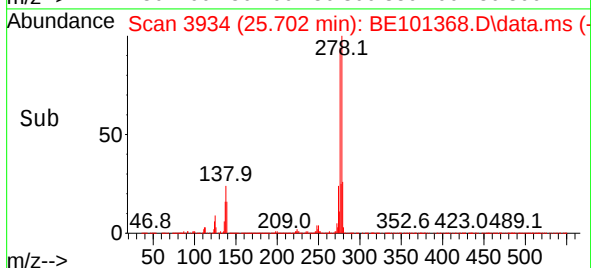
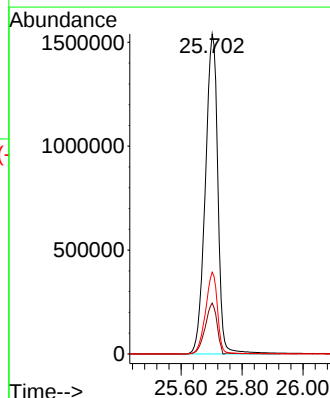
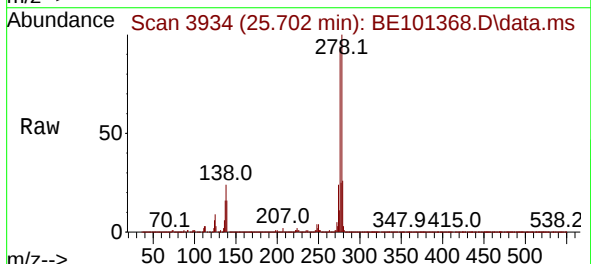
Tgt Ion:278 Resp: 4393754

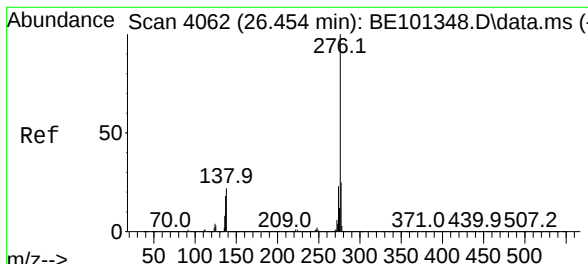
Ion Ratio Lower Upper

278 100

139 15.9 12.4 18.6

279 25.5 19.8 29.8





#92  
 Benzo(g,h,i)perylene  
 Concen: 40.833 ng  
 RT: 26.459 min Scan# 4063  
 Delta R.T. 0.006 min  
 Lab File: BE101368.D  
 Acq: 18 Sep 2024 17:52

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 276 Resp: 4433002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.9  | 19.8  | 29.8  |
| 138 | 21.1  | 17.4  | 26.0  |

