

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110724\  
 Data File : BE101538.D  
 Acq On : 7 Nov 2024 19:15  
 Operator : RC/JU  
 Sample : P4693-04MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-G5-WCMSD

Quant Time: Nov 07 23:58:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 00:01:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.558  | 152  | 50981    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.331 | 136  | 226622   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.173 | 164  | 149355   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.911 | 188  | 334021   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.071 | 240  | 392889   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.357 | 264  | 504648   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.319  | 112  | 497749   | 172.634 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.947  | 99   | 645902   | 163.389 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.774  | 82   | 419073   | 116.806 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.683 | 330  | 503341   | 179.099 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.793 | 172  | 1103006  | 120.584 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.502 | 244  | 2233125  | 125.816 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.210  | 88   | 39438    | 36.756  | ng    | # 85     |
| 3) Pyridine                   | 3.633  | 79   | 109096   | 36.356  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.545  | 42   | 56910    | 47.893  | ng    | 90       |
| 6) Aniline                    | 7.029  | 93   | 242469   | 81.721  | ng    | # 62     |
| 8) 2-Chlorophenol             | 7.205  | 128  | 181568   | 53.153  | ng    | 97       |
| 9) Benzaldehyde               | 6.770  | 77   | 18280    | 9.453   | ng    | 99       |
| 10) Phenol                    | 6.970  | 94   | 227981   | 52.981  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.029  | 93   | 242469   | 68.067  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.446  | 146  | 133854   | 35.893  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.593  | 146  | 140232   | 37.125  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.922  | 146  | 141899   | 38.270  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.898  | 79   | 136001   | 58.895  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.057  | 45   | 206677   | 49.014  | ng    | 97       |
| 17) 2-Methylphenol            | 8.151  | 107  | 160566   | 57.636  | ng    | 99       |
| 18) Hexachloroethane          | 8.615  | 117  | 46559    | 36.499  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.363  | 70   | 136801   | 52.484  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.486  | 107  | 221582   | 57.363  | ng    | 99       |
| 22) Acetophenone              | 8.410  | 105  | 259953   | 50.651  | ng    | 99       |
| 24) Nitrobenzene              | 8.815  | 77   | 186618   | 50.009  | ng    | 98       |
| 25) Isophorone                | 9.261  | 82   | 389029   | 55.718  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.496  | 139  | 106109   | 53.431  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.620  | 122  | 165062   | 71.834  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.761  | 93   | 226120   | 52.906  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.055 | 162  | 194227   | 59.543  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.172 | 180  | 159171   | 43.711  | ng    | 100      |
| 31) Naphthalene               | 10.378 | 128  | 550732   | 48.138  | ng    | 100      |
| 32) Benzoic acid              | 9.902  | 122  | 111421   | 51.340  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.607 | 127  | 60468    | 15.030  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.625 | 225  | 91903    | 40.947  | ng    | 98       |
| 35) Caprolactam               | 11.394 | 113  | 23896    | 19.949  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.788 | 107  | 212745   | 59.725  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.964 | 142  | 433590   | 53.358  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.193 | 142  | 409112   | 50.484  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.328 | 216  | 215821   | 54.809  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.305 | 237  | 216219   | 188.164 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.646 | 196  | 170307   | 62.976  | ng    | 100      |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 00:01:20 2024  
 Response via : Initial Calibration

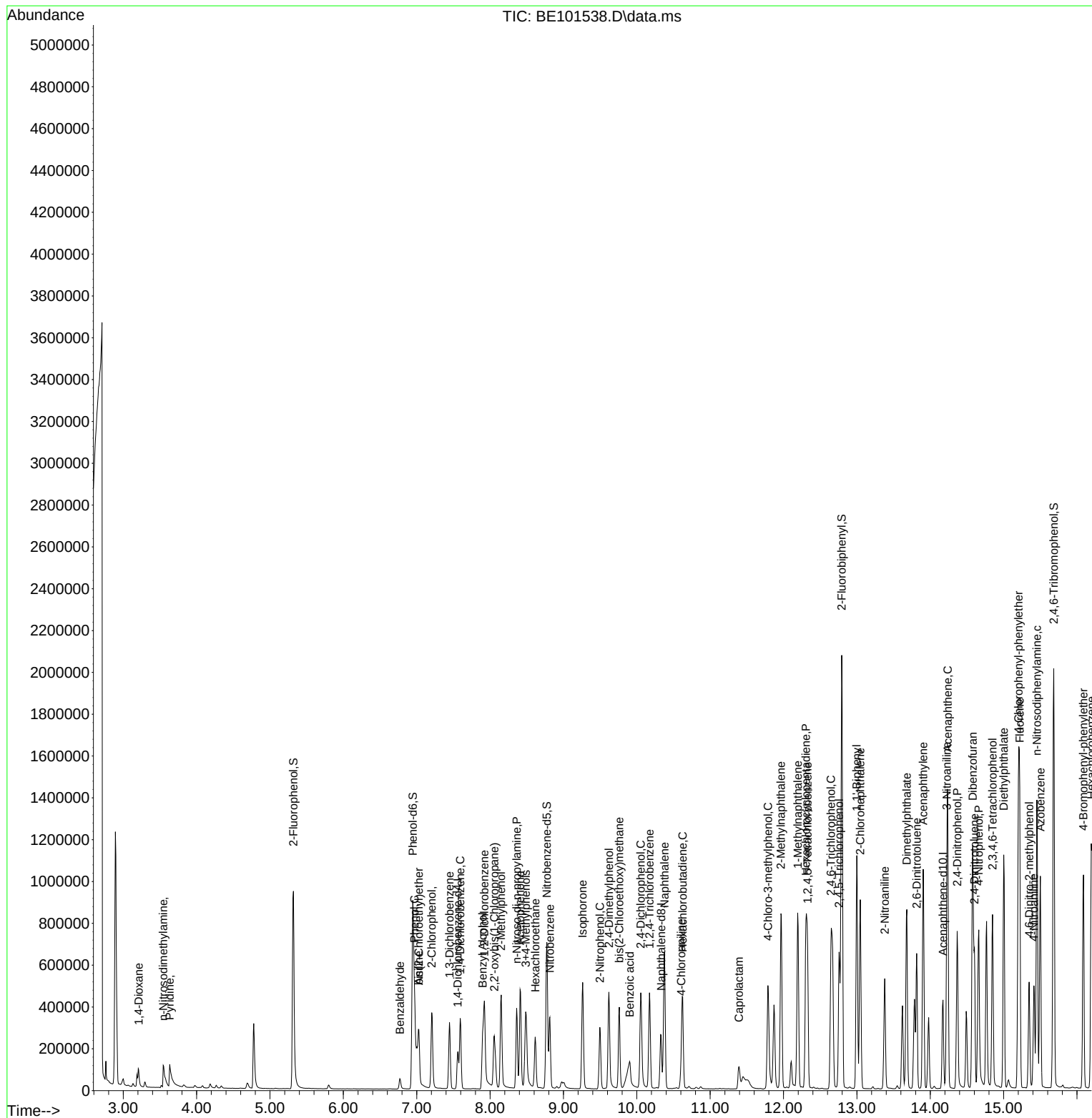
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.757 | 196  | 189312   | 62.836  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 12.998 | 154  | 593643   | 57.622  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.045 | 162  | 458003   | 56.365  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.380 | 65   | 141567   | 65.818  | ng    | 97       |
| 49) Acenaphthylene            | 13.903 | 152  | 775331   | 64.029  | ng    | 99       |
| 50) Dimethylphthalate         | 13.680 | 163  | 633213   | 59.537  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.815 | 165  | 140985   | 57.434  | ng    | 98       |
| 52) Acenaphthene              | 14.238 | 154  | 469983   | 60.822  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.226 | 138  | 82368    | 34.564  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.367 | 184  | 192050   | 133.505 | ng    | 95       |
| 55) Dibenzofuran              | 14.579 | 168  | 751268   | 60.375  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.661 | 139  | 261811   | 133.046 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.602 | 165  | 205842   | 59.688  | ng    | 99       |
| 58) Fluorene                  | 15.219 | 166  | 626154   | 60.296  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.849 | 232  | 174644   | 62.646  | ng    | 99       |
| 60) Diethylphthalate          | 15.002 | 149  | 653496   | 58.274  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.202 | 204  | 308906   | 58.579  | ng    | 100      |
| 62) 4-Nitroaniline            | 15.413 | 138  | 145367   | 56.618  | ng    | 96       |
| 63) Azobenzene                | 15.501 | 77   | 565043   | 61.762  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.348 | 198  | 128746   | 64.932  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.454 | 169  | 533604   | 60.196  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.089 | 248  | 220320   | 59.804  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.195 | 284  | 290586   | 59.934  | ng    | 97       |
| 69) Atrazine                  | 16.388 | 200  | 137899   | 52.692  | ng    | 99       |
| 70) Pentachlorophenol         | 16.606 | 266  | 353405   | 134.339 | ng    | 98       |
| 71) Phenanthrene              | 16.952 | 178  | 1033647  | 63.626  | ng    | 99       |
| 72) Anthracene                | 17.041 | 178  | 1070245  | 66.710  | ng    | 100      |
| 73) Carbazole                 | 17.370 | 167  | 1002000  | 62.281  | ng    | 99       |
| 74) Di-n-butylphthalate       | 17.810 | 149  | 1210812  | 60.942  | ng    | 100      |
| 75) Fluoranthene              | 18.956 | 202  | 1301554  | 62.486  | ng    | 99       |
| 78) Pyrene                    | 19.326 | 202  | 1387513  | 62.068  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.172 | 149  | 624333   | 62.146  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.054 | 228  | 1498271  | 64.210  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.024 | 252  | 242319   | 26.381  | ng    | 99       |
| 83) Chrysene                  | 21.112 | 228  | 1408919  | 63.525  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 20.871 | 149  | 922342   | 60.726  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 21.723 | 149  | 1618445  | 62.986  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.701 | 276  | 2251046  | 64.910  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.652 | 252  | 1655906  | 59.808  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 22.699 | 252  | 1721247  | 68.483  | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.251 | 252  | 1600535  | 66.959  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.689 | 278  | 1867969  | 64.677  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.441 | 276  | 1708878  | 58.239  | ng    | 100      |

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

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 Misc :  
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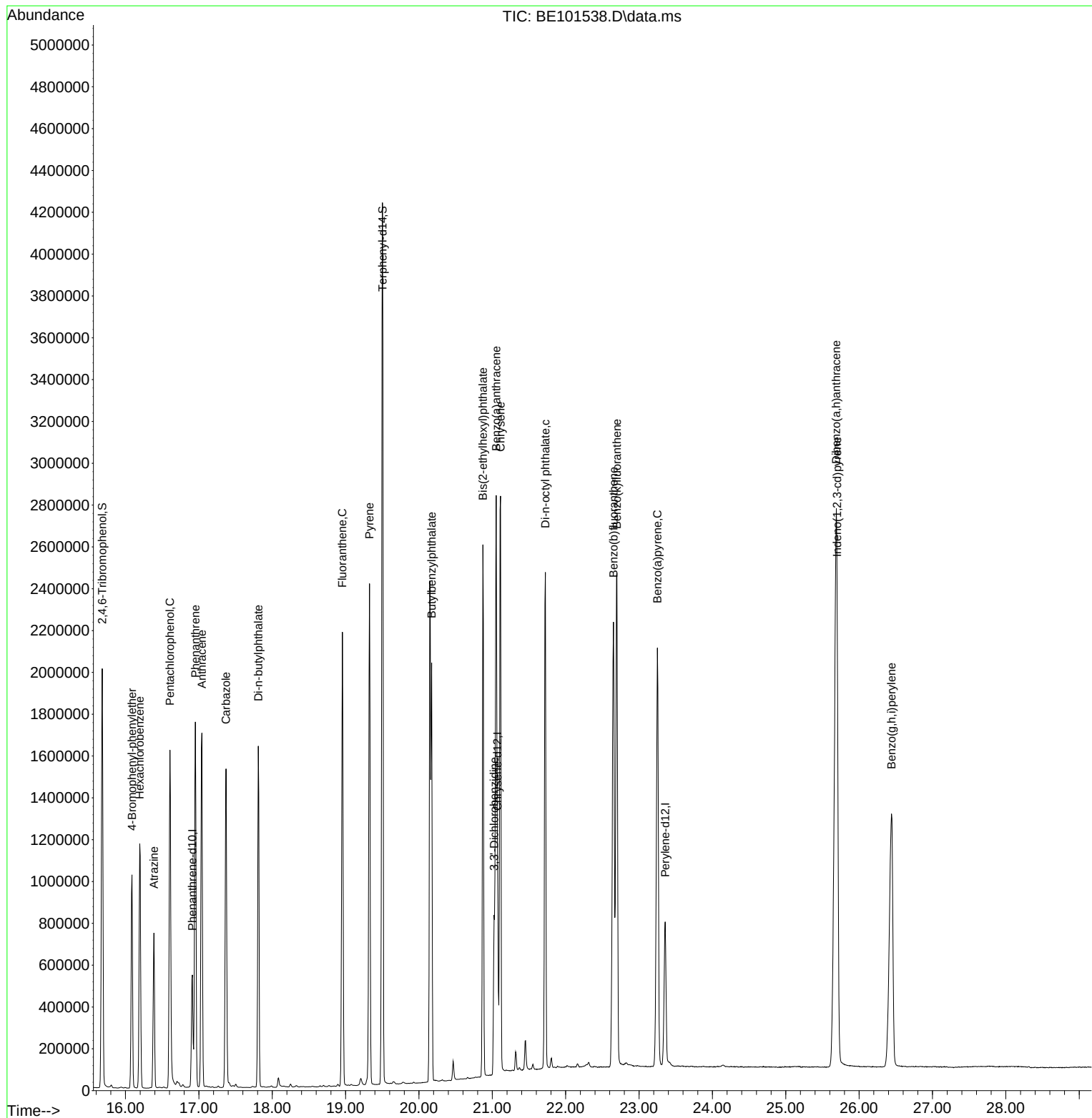
Quant Time: Nov 07 23:58:38 2024  
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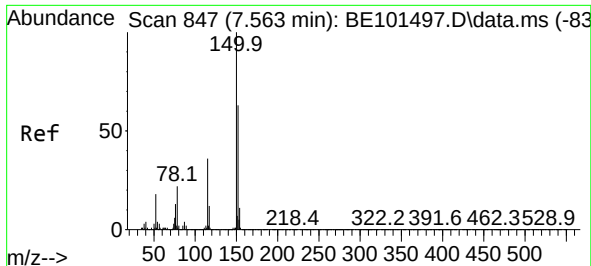


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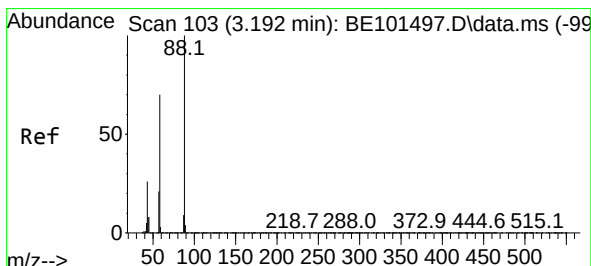
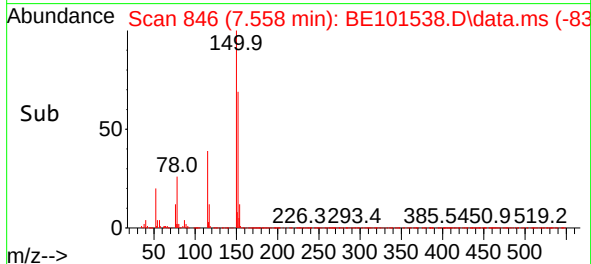
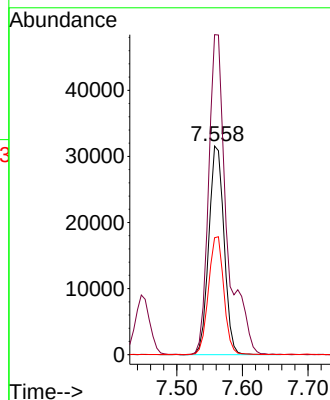
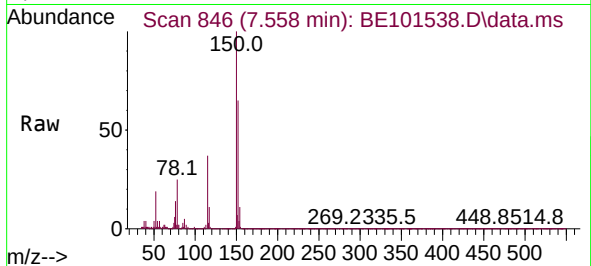




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.558 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

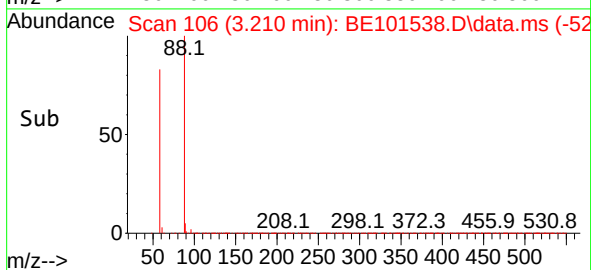
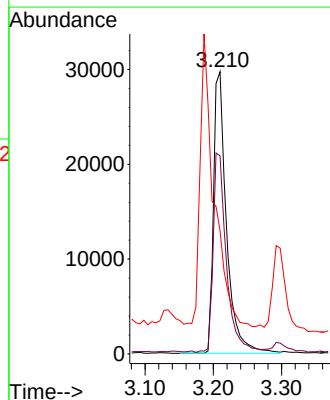
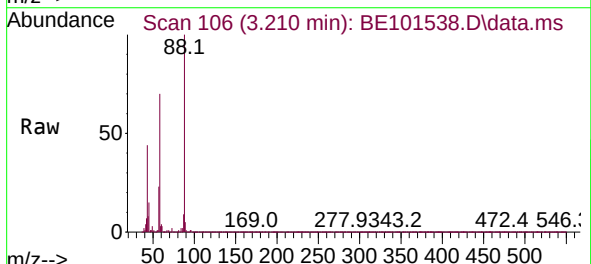
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

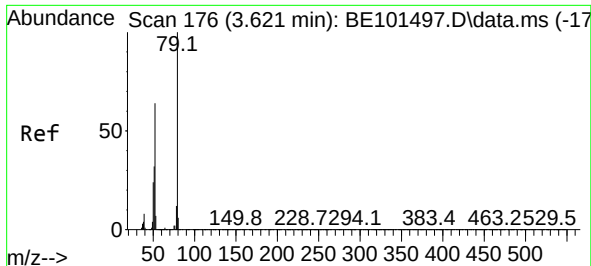
Tgt Ion:152 Resp: 50981  
Ion Ratio Lower Upper  
152 100  
150 153.4 126.3 189.5  
115 56.0 45.0 67.4



#2  
1,4-Dioxane  
Concen: 36.756 ng  
RT: 3.210 min Scan# 106  
Delta R.T. 0.018 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 88 Resp: 39438  
Ion Ratio Lower Upper  
88 100  
58 71.9 56.5 84.7  
43 0.0 20.8 31.2#

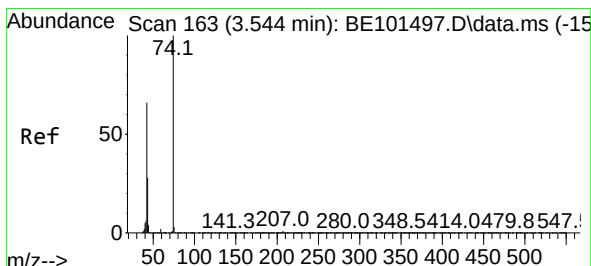
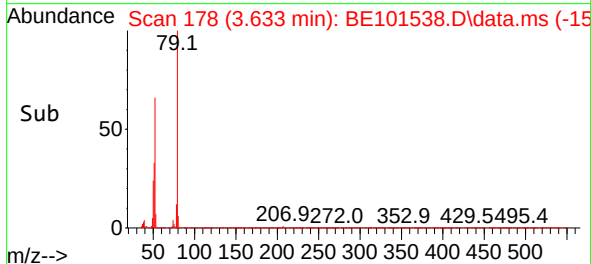
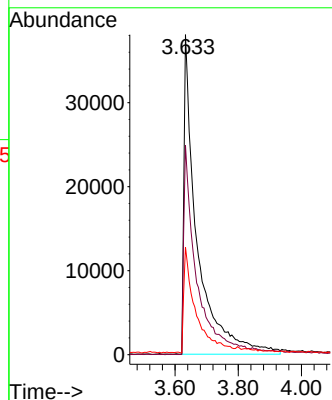
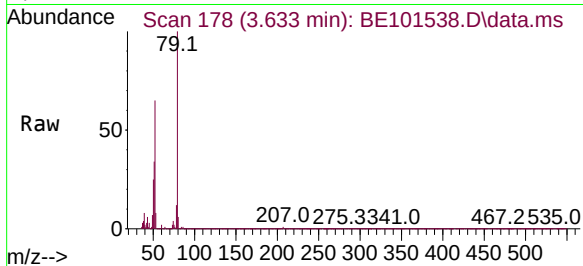




#3  
Pyridine  
Concen: 36.356 ng  
RT: 3.633 min Scan# 176  
Delta R.T. 0.012 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

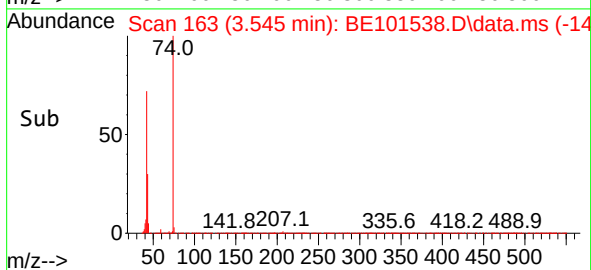
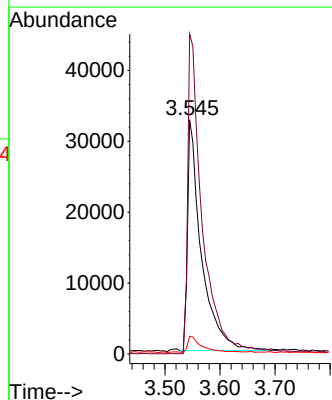
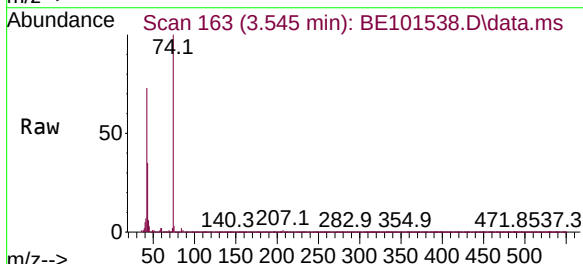
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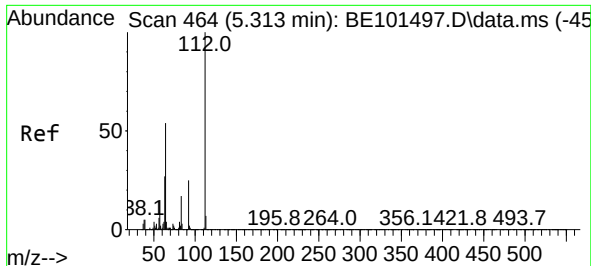
Tgt Ion: 79 Resp: 109096  
Ion Ratio Lower Upper  
79 100  
52 65.5 51.1 76.7  
51 33.6 26.2 39.2



#4  
n-Nitrosodimethylamine  
Concen: 47.893 ng  
RT: 3.545 min Scan# 163  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 42 Resp: 56910  
Ion Ratio Lower Upper  
42 100  
74 136.6 120.1 180.1  
44 7.5 5.8 8.6

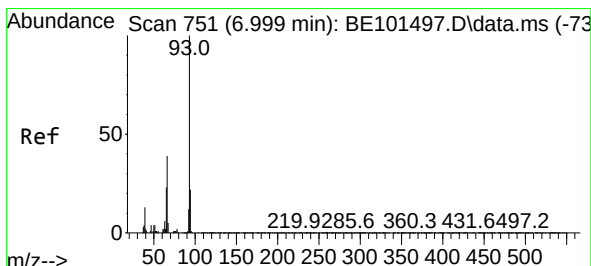
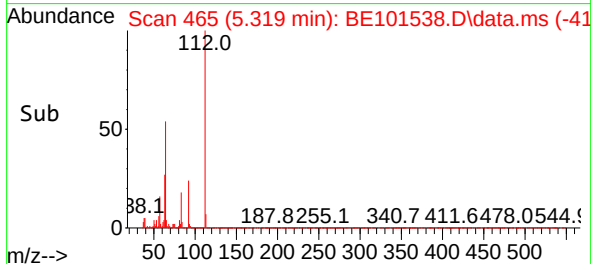
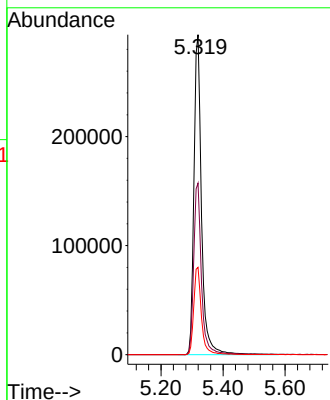
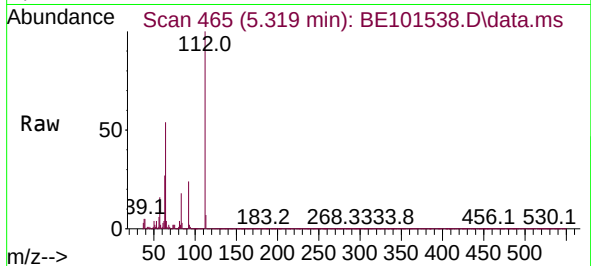




#5  
2-Fluorophenol  
Concen: 172.634 ng  
RT: 5.319 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

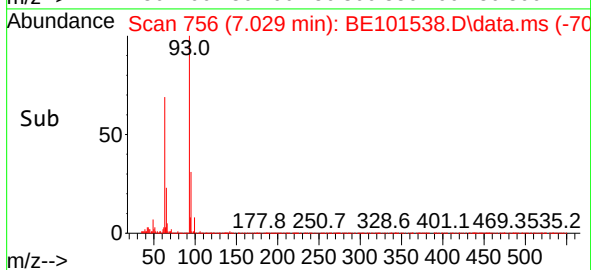
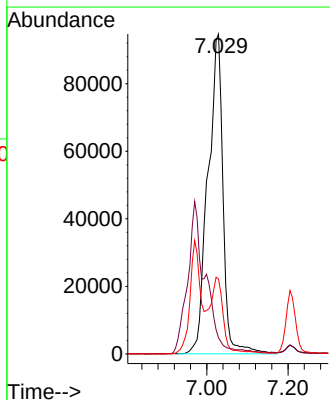
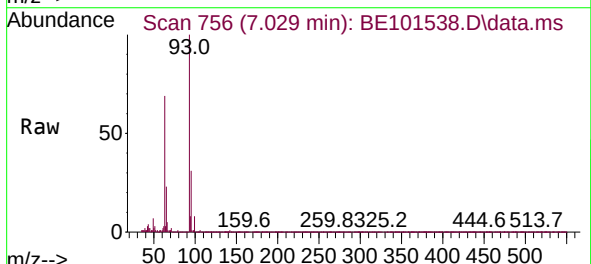
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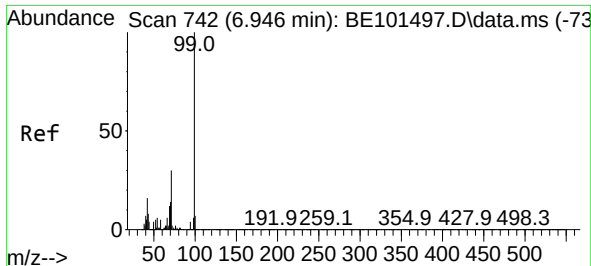
Tgt Ion:112 Resp: 497749  
Ion Ratio Lower Upper  
112 100  
64 53.6 43.2 64.8  
63 27.3 21.8 32.6



#6  
Aniline  
Concen: 81.721 ng  
RT: 7.029 min Scan# 756  
Delta R.T. 0.030 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 93 Resp: 242469  
Ion Ratio Lower Upper  
93 100  
66 5.1 33.4 50.0#  
65 23.4 18.5 27.7

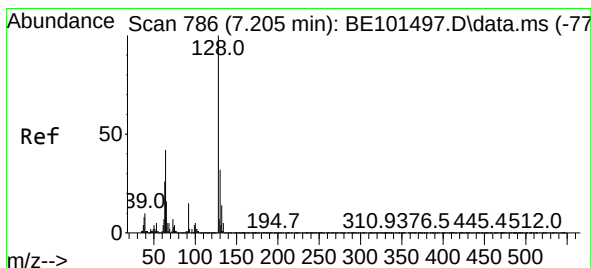
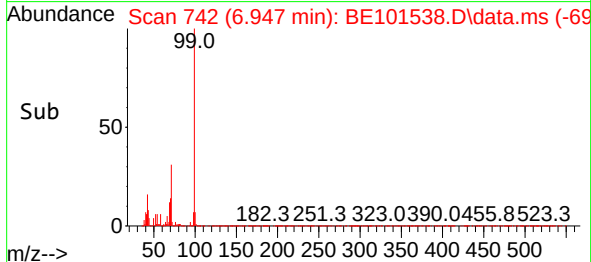
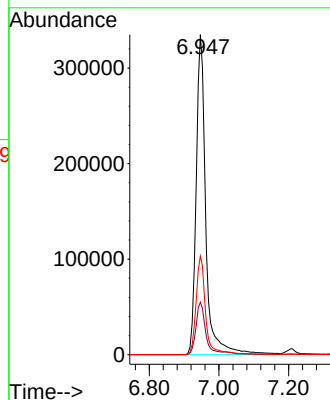
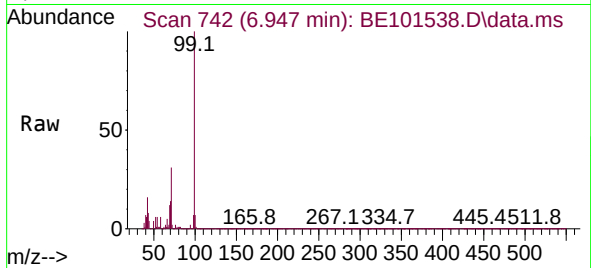




#7  
Phenol-d6  
Concen: 163.389 ng  
RT: 6.947 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
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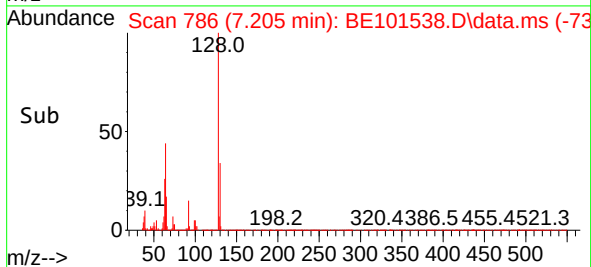
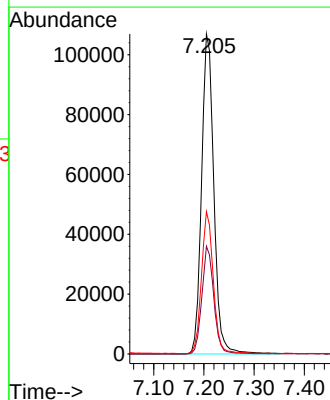
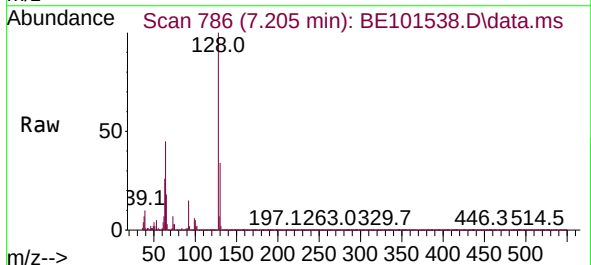
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

Tgt Ion: 99 Resp: 645902  
Ion Ratio Lower Upper  
99 100  
42 16.4 12.5 18.7  
71 30.8 24.2 36.2

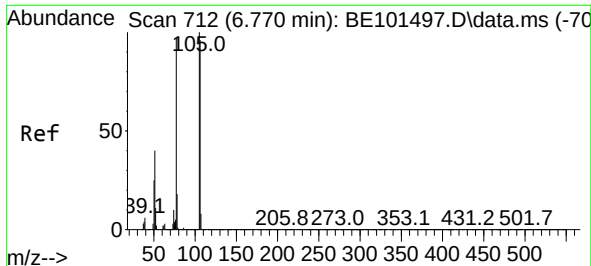


#8  
2-Chlorophenol  
Concen: 53.153 ng  
RT: 7.205 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:128 Resp: 181568  
Ion Ratio Lower Upper  
128 100  
130 33.7 12.1 52.1  
64 44.5 22.0 62.0



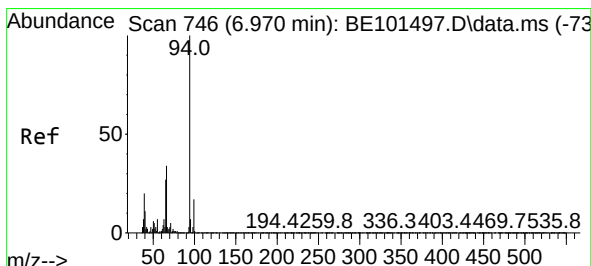
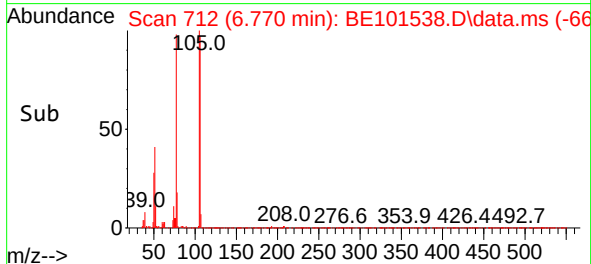
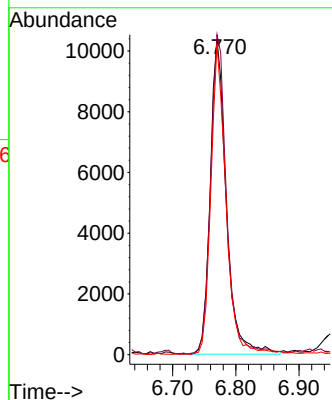
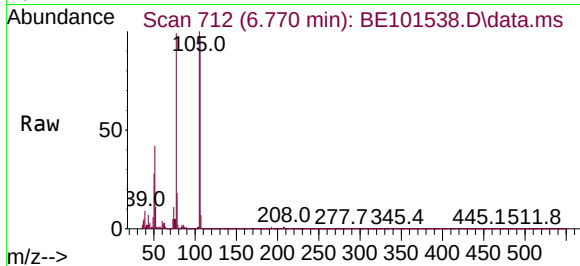




#9  
Benzaldehyde  
Concen: 9.453 ng  
RT: 6.770 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

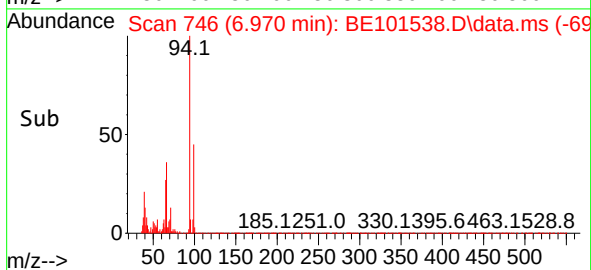
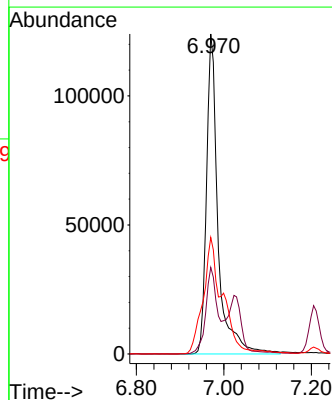
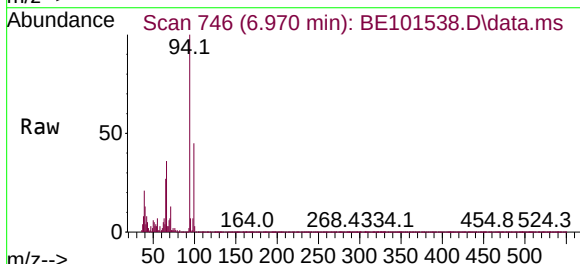
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

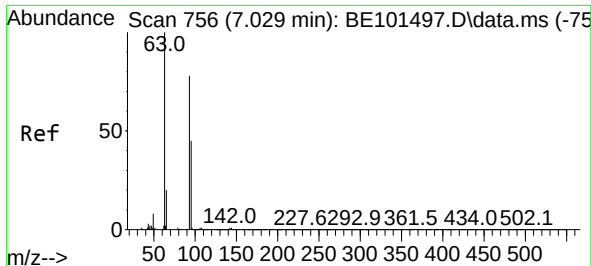
Tgt Ion: 77 Resp: 18280  
Ion Ratio Lower Upper  
77 100  
105 101.5 83.0 123.0  
106 98.4 78.8 118.8



#10  
Phenol  
Concen: 52.981 ng  
RT: 6.970 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 94 Resp: 227981  
Ion Ratio Lower Upper  
94 100  
65 27.1 6.7 46.7  
66 36.4 15.0 55.0

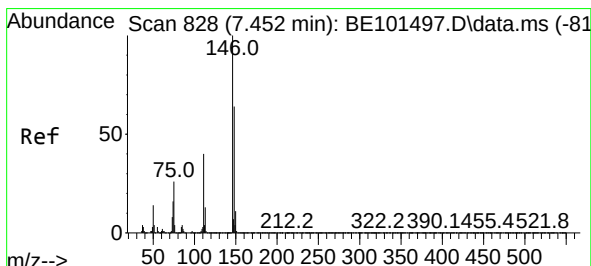
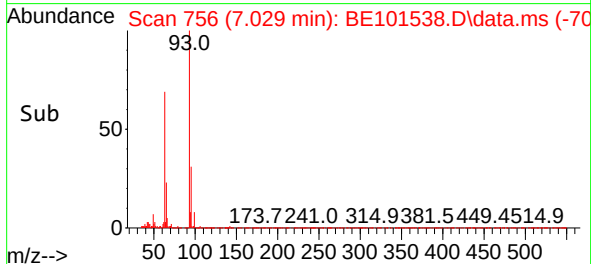
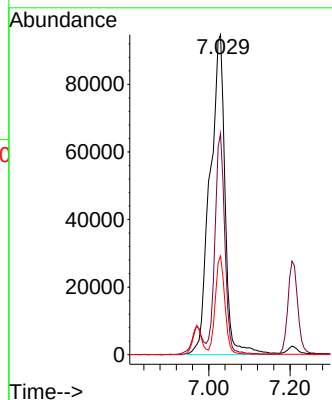
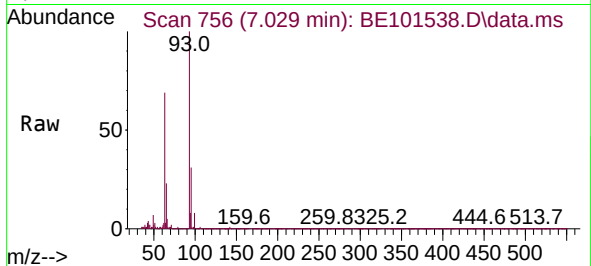




#11  
bis(2-Chloroethyl)ether  
Concen: 68.067 ng  
RT: 7.029 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

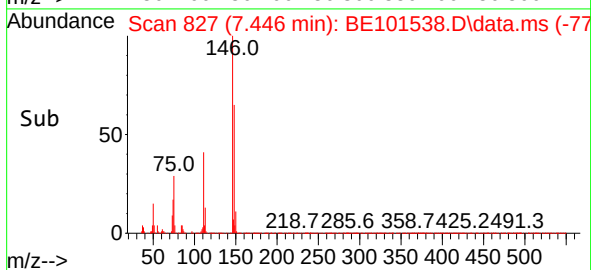
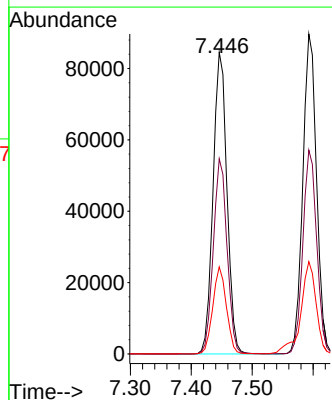
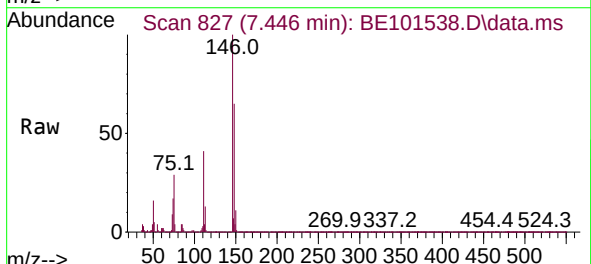
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

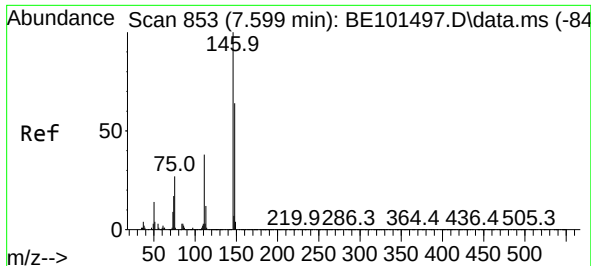
Tgt Ion: 93 Resp: 242469  
Ion Ratio Lower Upper  
93 100  
63 69.2 46.5 86.5  
95 30.9 9.1 49.1



#12  
1,3-Dichlorobenzene  
Concen: 35.893 ng  
RT: 7.446 min Scan# 827  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:146 Resp: 133854  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.4 77.2  
75 28.8 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 37.125 ng

RT: 7.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

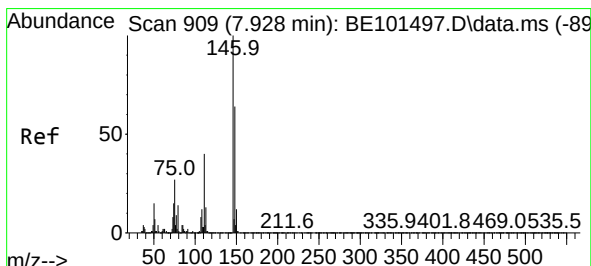
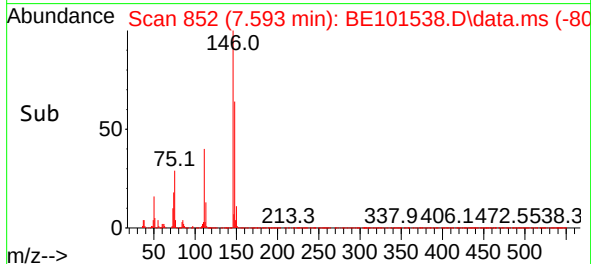
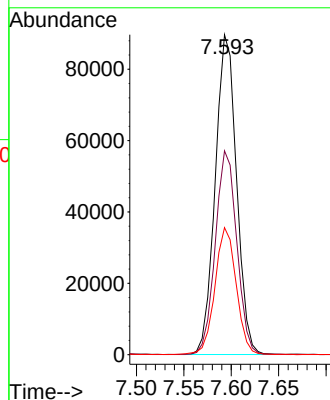
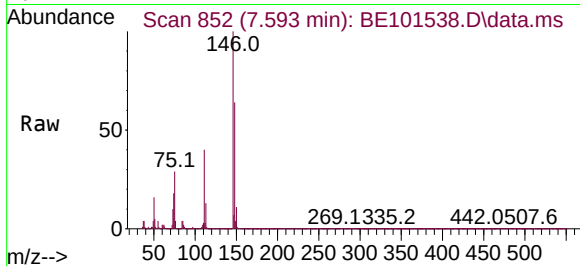
Tgt Ion:146 Resp: 140232

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 39.7 30.2 45.4



#14

1,2-Dichlorobenzene

Concen: 38.270 ng

RT: 7.922 min Scan# 908

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

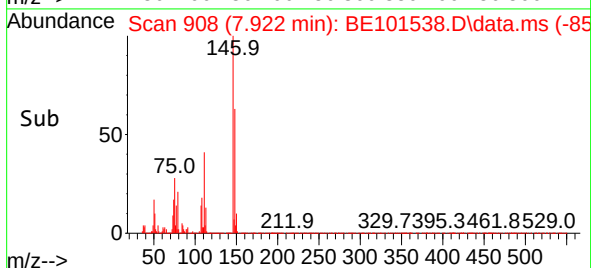
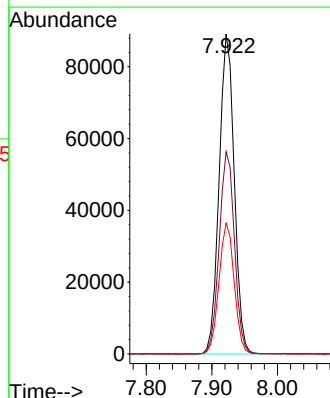
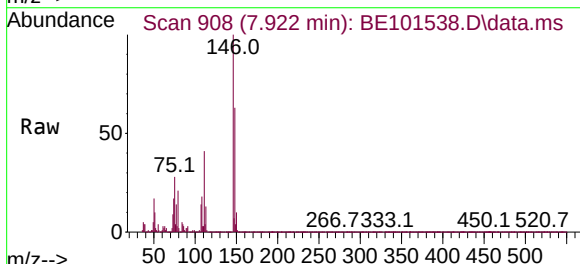
Tgt Ion:146 Resp: 141899

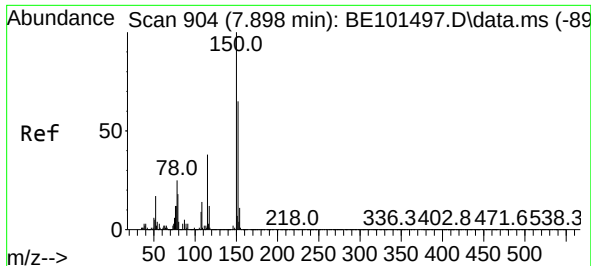
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 40.9 32.2 48.4

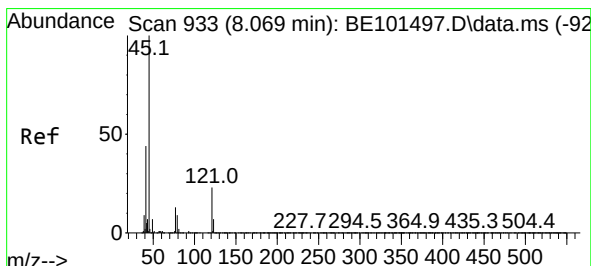
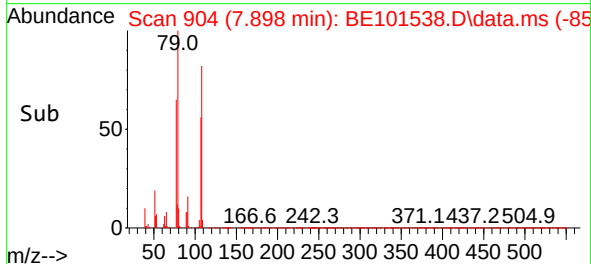
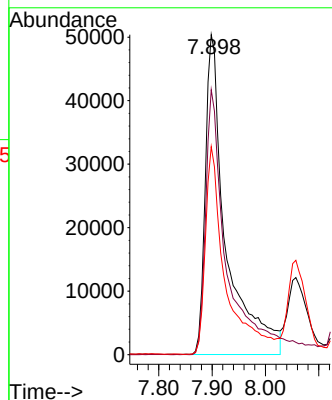
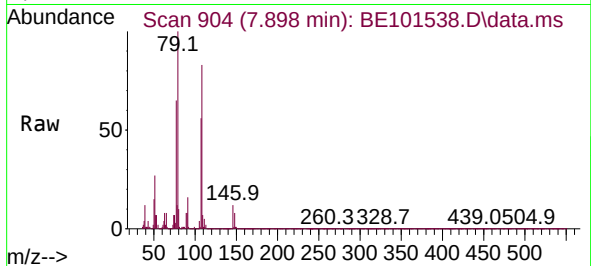




#15  
Benzyl Alcohol  
Concen: 58.895 ng  
RT: 7.898 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

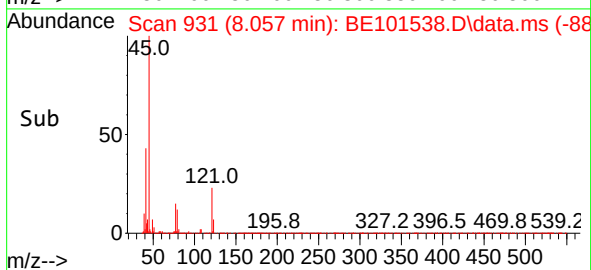
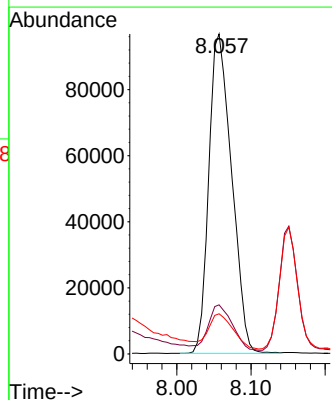
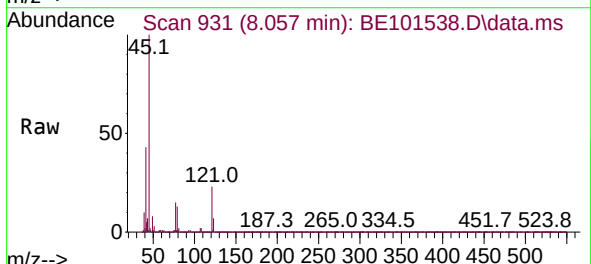
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

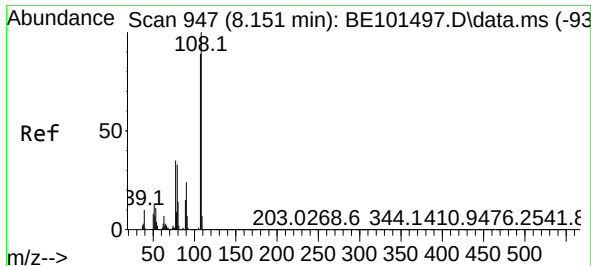
Tgt Ion: 79 Resp: 136001  
Ion Ratio Lower Upper  
79 100  
108 82.8 63.8 95.8  
77 65.0 53.4 80.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.014 ng  
RT: 8.057 min Scan# 931  
Delta R.T. -0.012 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 45 Resp: 206677  
Ion Ratio Lower Upper  
45 100  
77 15.4 0.0 36.2  
79 12.5 0.0 33.8

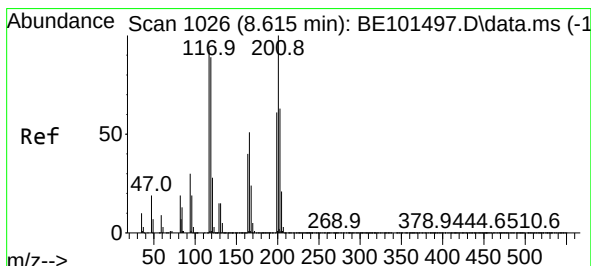
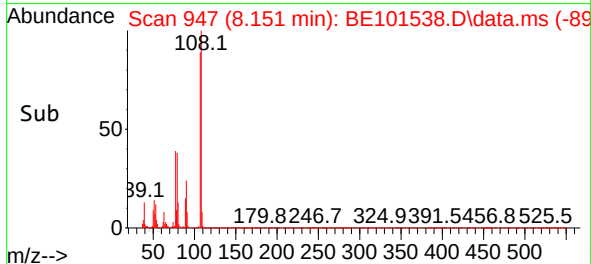
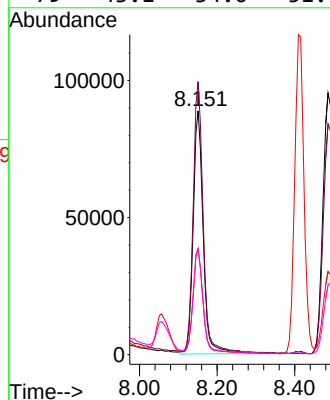
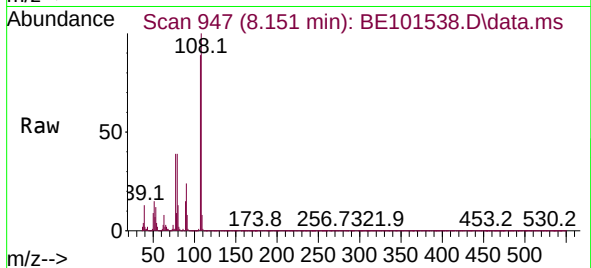




#17  
2-Methylphenol  
Concen: 57.636 ng  
RT: 8.151 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

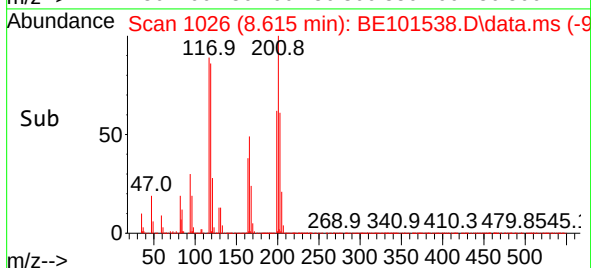
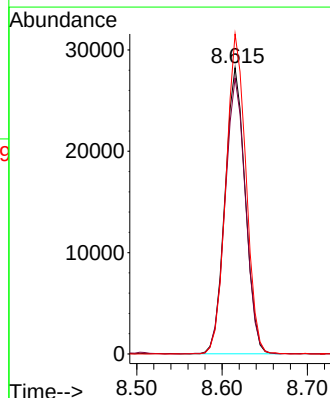
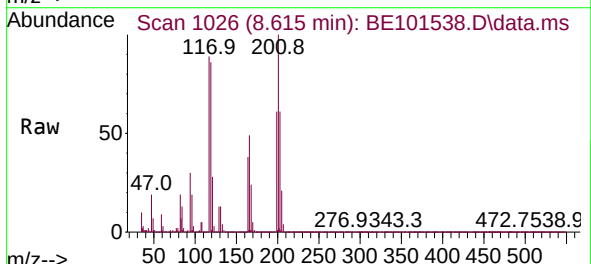
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

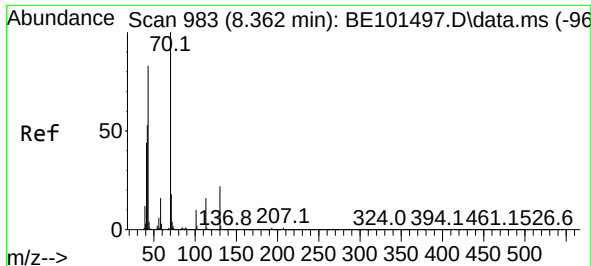
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 160566 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.0 | 90.2  | 135.4  |
| 77       | 43.5  | 35.1  | 52.7   |
| 79       | 43.1  | 34.0  | 51.0   |



#18  
Hexachloroethane  
Concen: 36.499 ng  
RT: 8.615 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46559 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.4  | 76.6  | 114.8 |
| 201      | 111.8 | 86.1  | 129.1 |

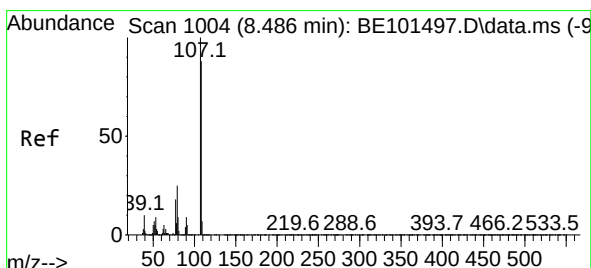
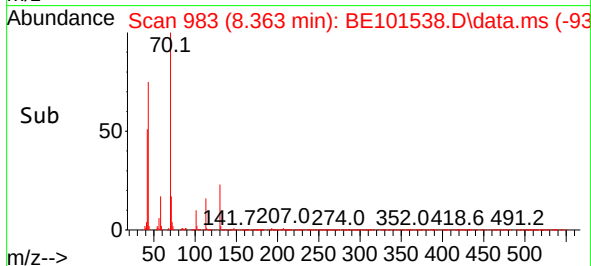
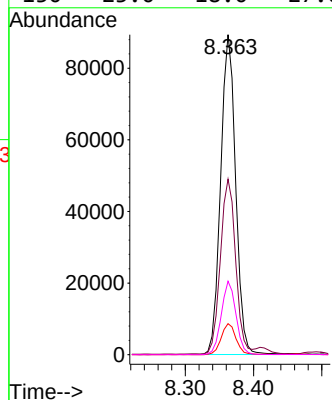
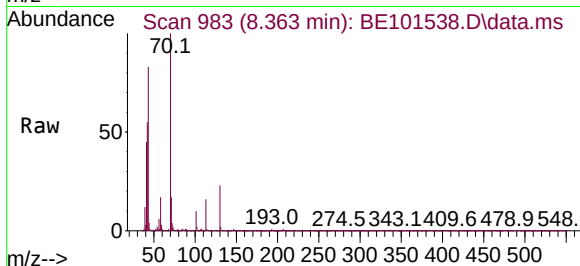




#19  
n-Nitroso-di-n-propylamine  
Concen: 52.484 ng  
RT: 8.363 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

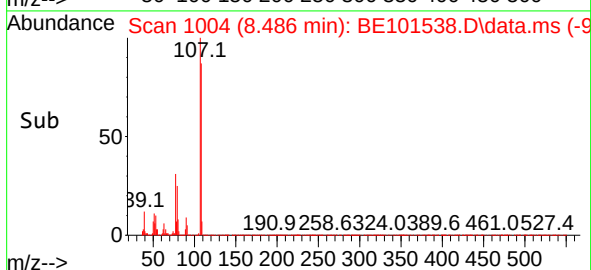
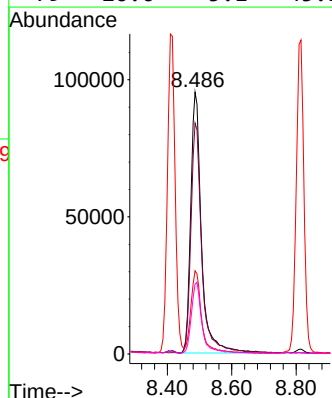
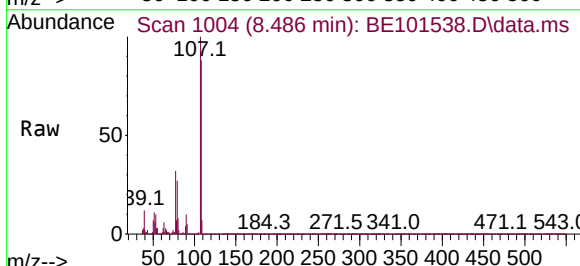
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

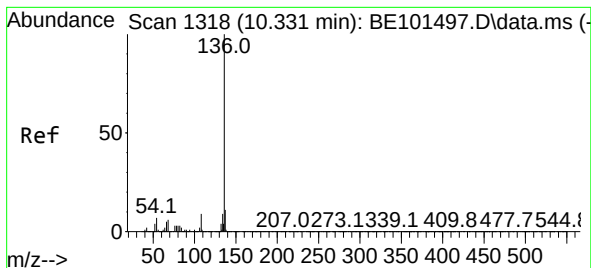
Tgt Ion: 70 Resp: 136801  
Ion Ratio Lower Upper  
70 100  
42 54.8 42.7 64.1  
101 9.7 8.2 12.2  
130 23.0 18.0 27.0



#20  
3+4-Methylphenols  
Concen: 57.363 ng  
RT: 8.486 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 107 Resp: 221582  
Ion Ratio Lower Upper  
107 100  
108 88.2 68.2 108.2  
77 31.8 10.4 50.4  
79 26.6 5.1 45.1

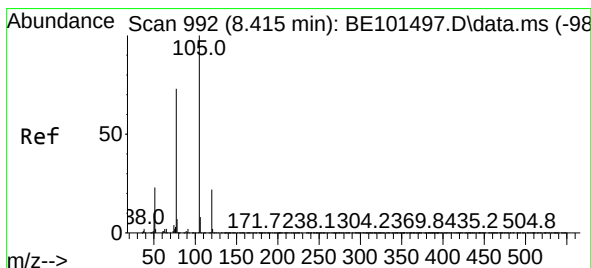
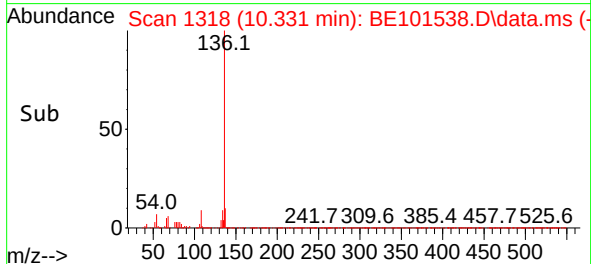
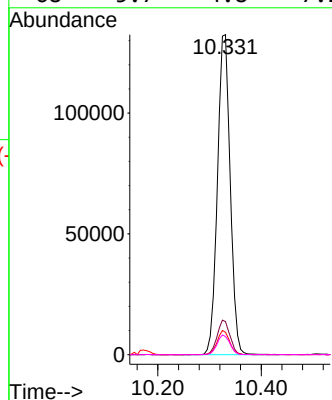
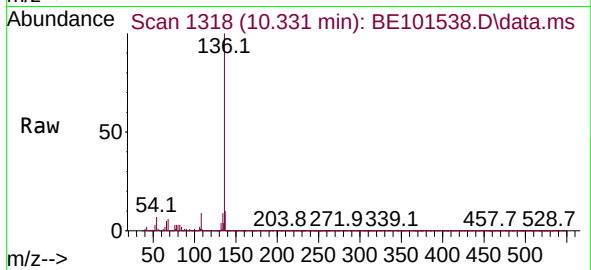




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.331 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

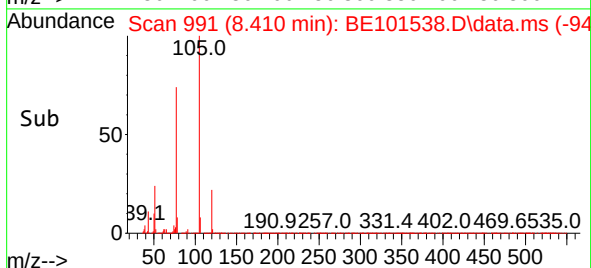
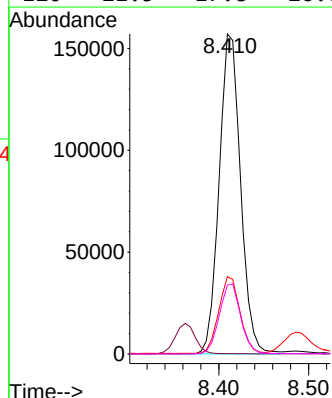
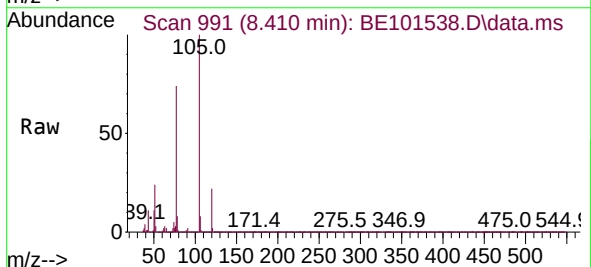
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

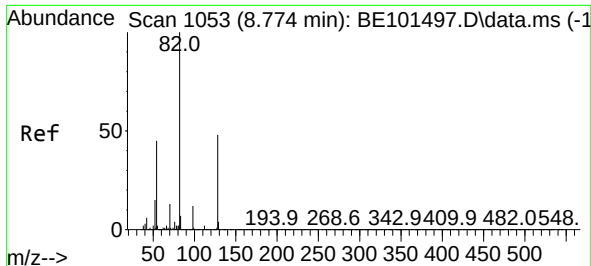
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 226622 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 8.6   | 13.0   |
| 54       | 7.0   | 5.6   | 8.4    |
| 68       | 5.7   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 50.651 ng  
RT: 8.410 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 259953 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.1   | 0.1   | 0.1    |
| 51       | 24.1  | 18.7  | 28.1   |
| 120      | 21.5  | 17.8  | 26.6   |

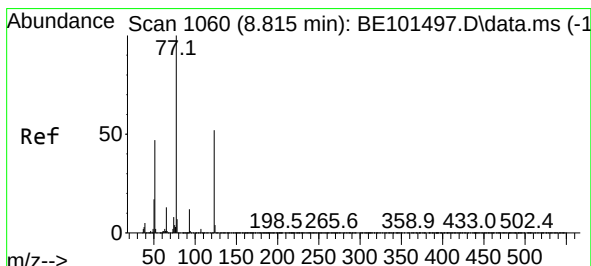
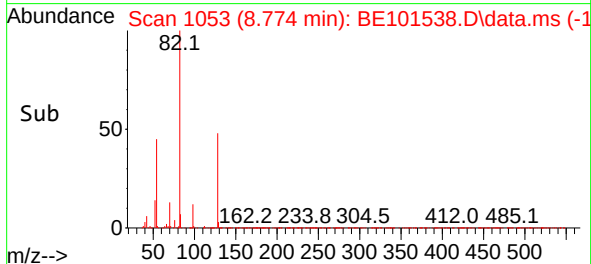
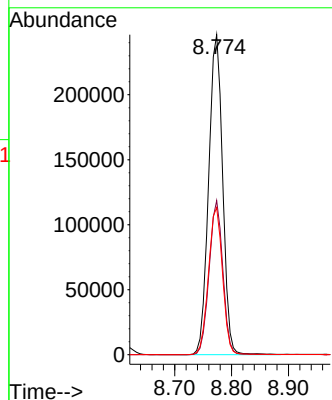
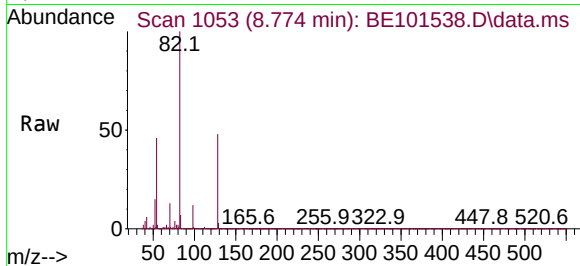




#23  
Nitrobenzene-d5  
Concen: 116.806 ng  
RT: 8.774 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

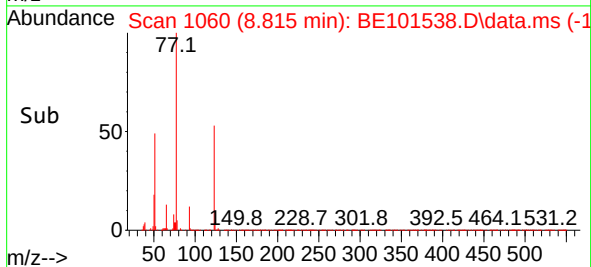
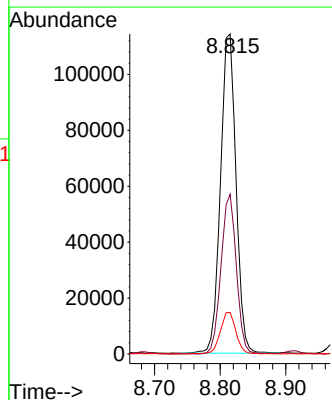
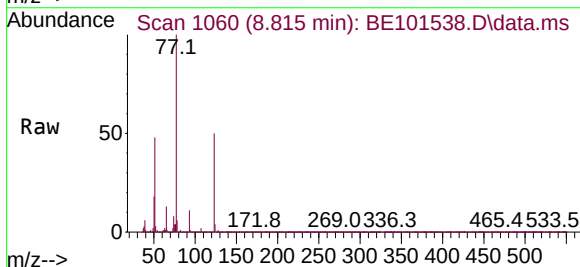
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

Tgt Ion: 82 Resp: 419073  
Ion Ratio Lower Upper  
82 100  
128 48.2 38.6 58.0  
54 45.9 36.3 54.5

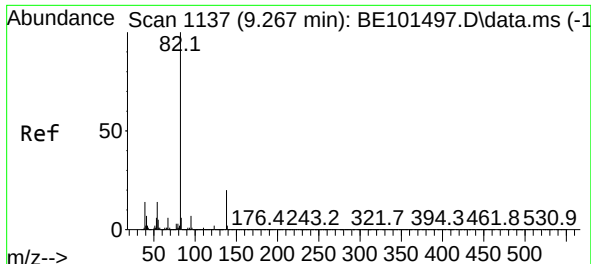


#24  
Nitrobenzene  
Concen: 50.009 ng  
RT: 8.815 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 77 Resp: 186618  
Ion Ratio Lower Upper  
77 100  
123 49.9 41.2 61.8  
65 13.0 10.3 15.5



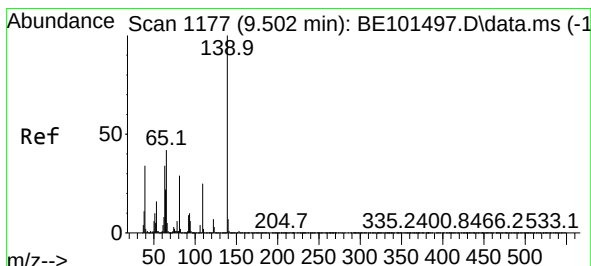
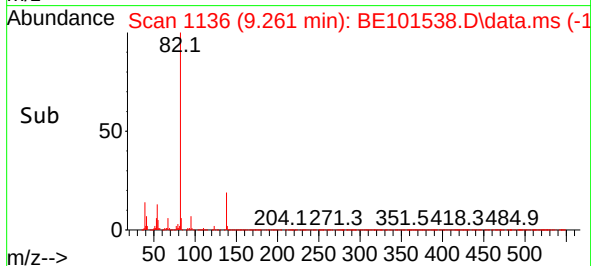
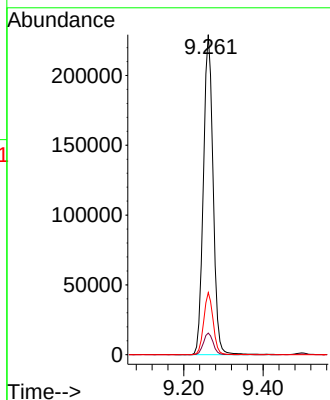
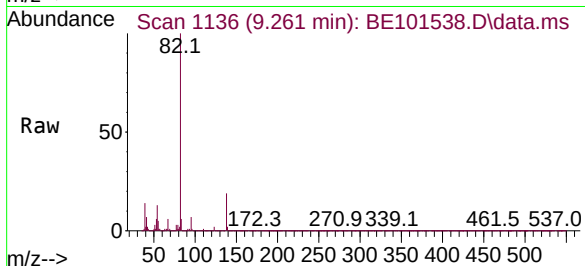




#25  
Isophorone  
Concen: 55.718 ng  
RT: 9.261 min Scan# 1136  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

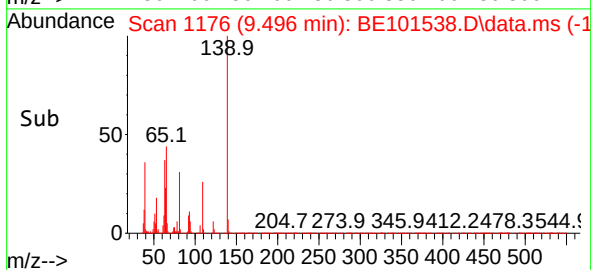
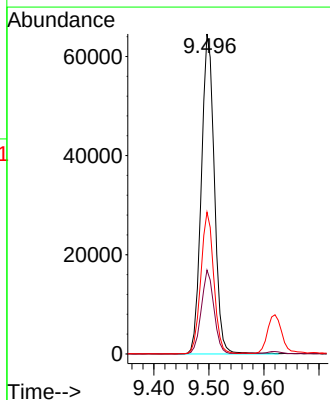
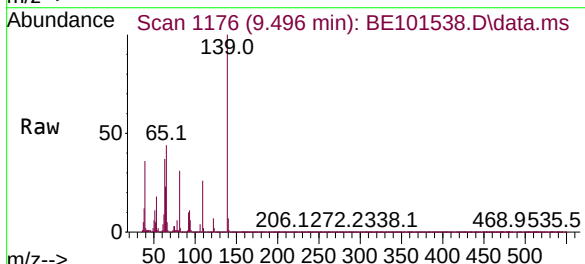
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

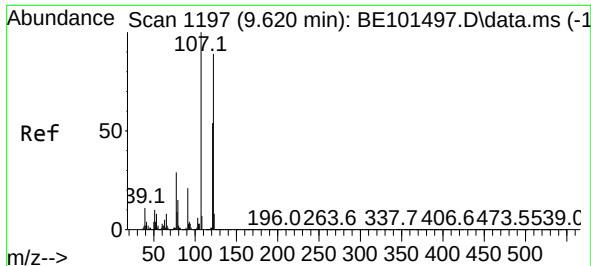
Tgt Ion: 82 Resp: 389029  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 19.4 15.8 23.6



#26  
2-Nitrophenol  
Concen: 53.431 ng  
RT: 9.496 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 139 Resp: 106109  
Ion Ratio Lower Upper  
139 100  
109 26.2 20.2 30.4  
65 44.3 34.0 51.0

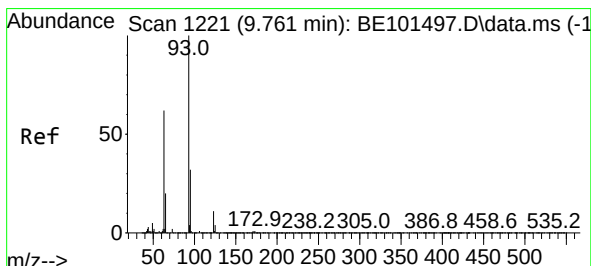
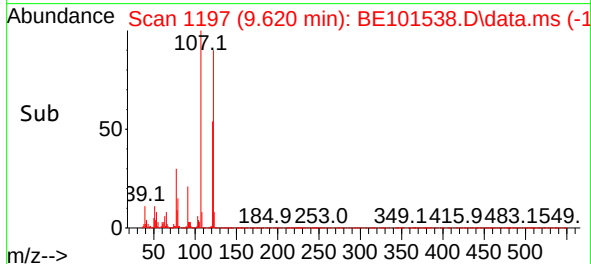
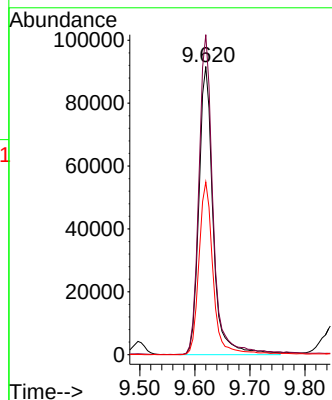
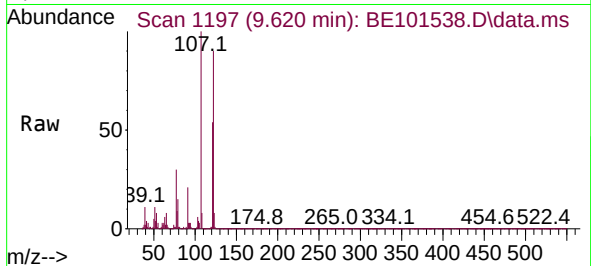




#27  
2,4-Dimethylphenol  
Concen: 71.834 ng  
RT: 9.620 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

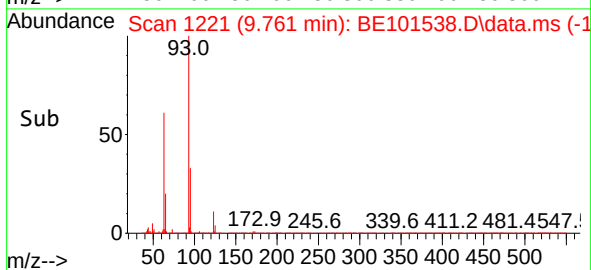
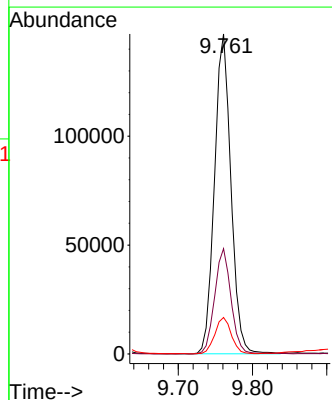
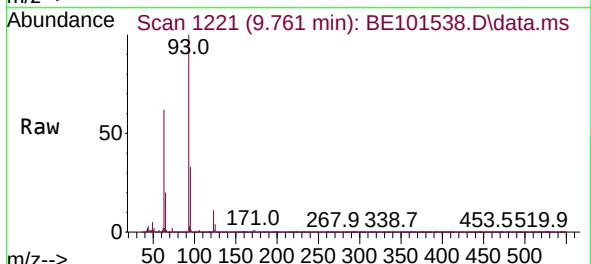
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

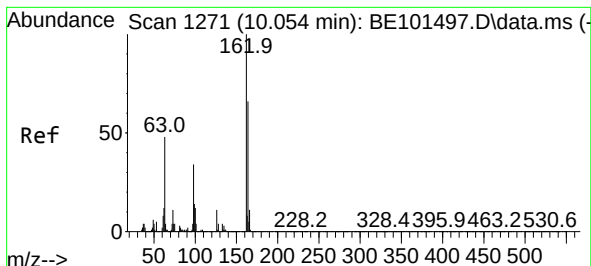
Tgt Ion:122 Resp: 165062  
Ion Ratio Lower Upper  
122 100  
107 111.1 89.8 134.6  
121 59.9 48.0 72.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.906 ng  
RT: 9.761 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion: 93 Resp: 226120  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.9 38.9  
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 59.543 ng

RT: 10.055 min Scan# 1271

Delta R.T. 0.001 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

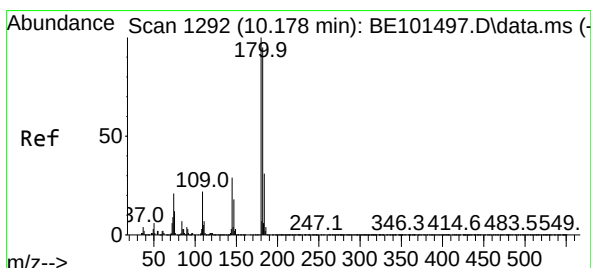
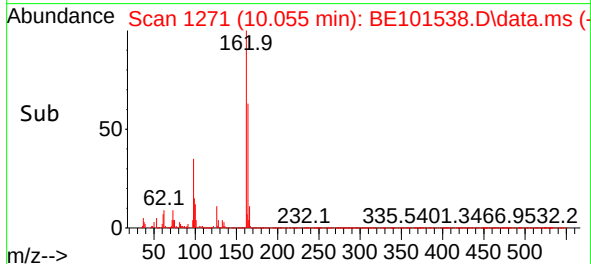
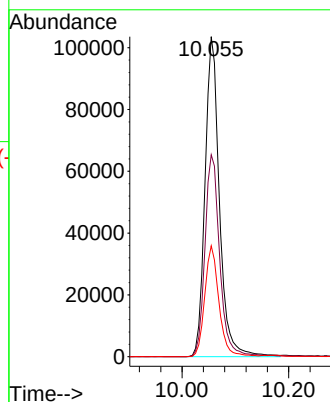
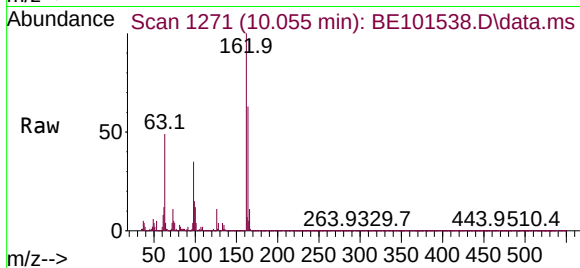
Tgt Ion:162 Resp: 194227

Ion Ratio Lower Upper

162 100

164 63.1 45.7 85.7

98 34.7 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 43.711 ng

RT: 10.172 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

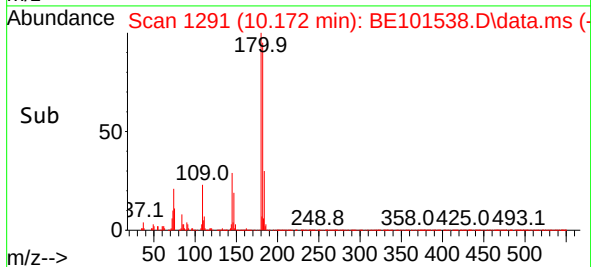
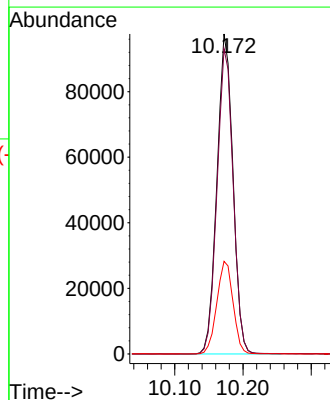
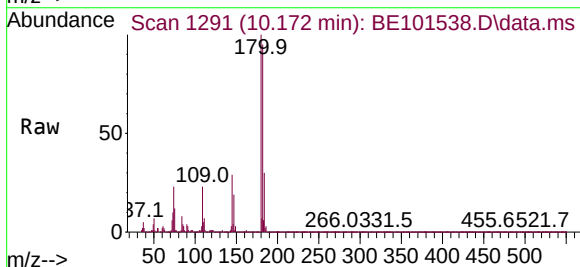
Tgt Ion:180 Resp: 159171

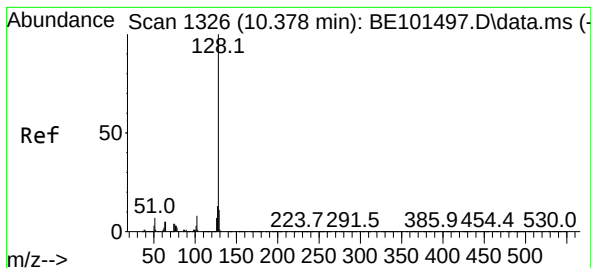
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 29.0 23.2 34.8

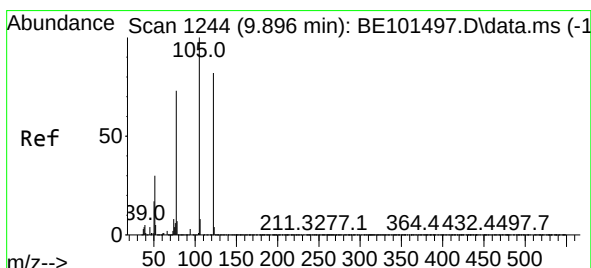
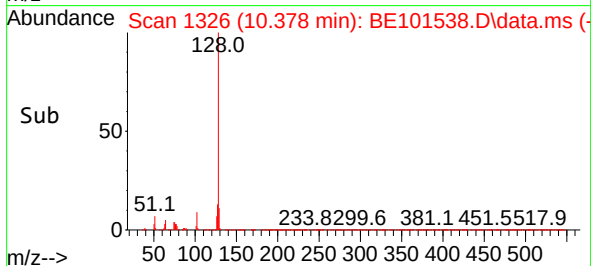
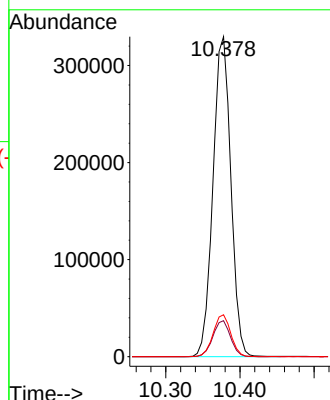
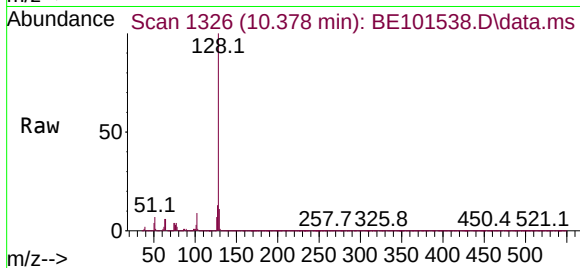




#31  
Naphthalene  
Concen: 48.138 ng  
RT: 10.378 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

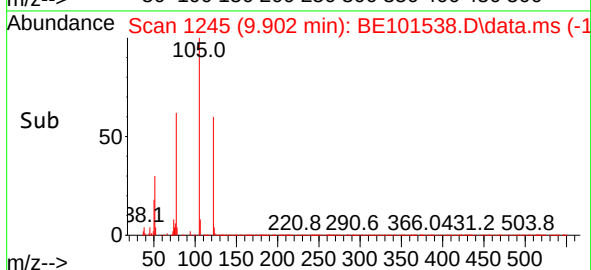
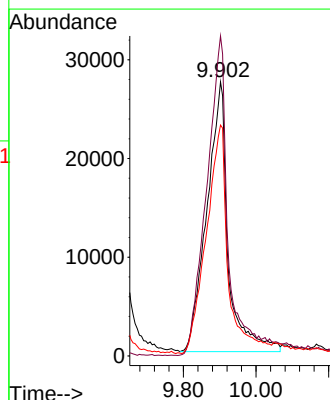
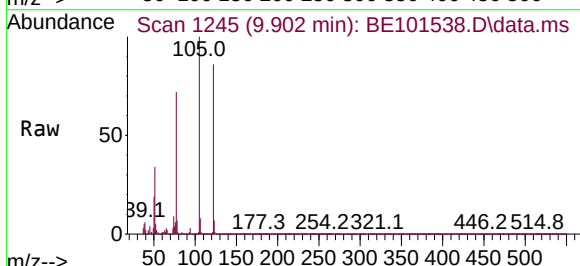
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

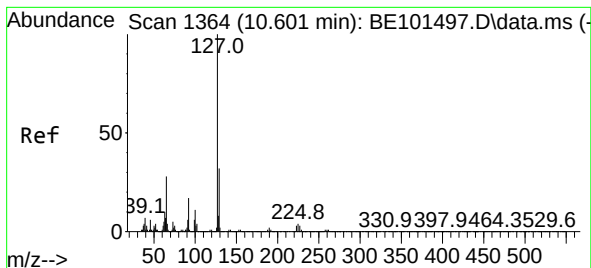
Tgt Ion:128 Resp: 550732  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 13.1 10.3 15.5



#32  
Benzoic acid  
Concen: 51.340 ng  
RT: 9.902 min Scan# 1245  
Delta R.T. 0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:122 Resp: 111421  
Ion Ratio Lower Upper  
122 100  
105 116.8 100.6 140.6  
77 84.3 68.6 108.6





#33

4-Chloroaniline

Concen: 15.030 ng

RT: 10.607 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

Tgt Ion:127 Resp: 60468

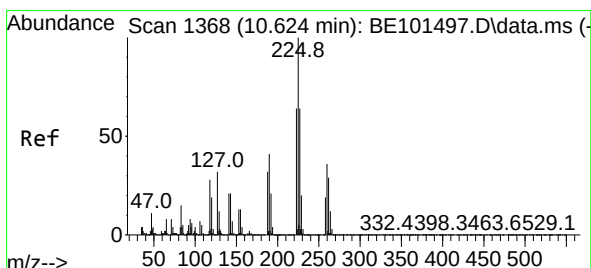
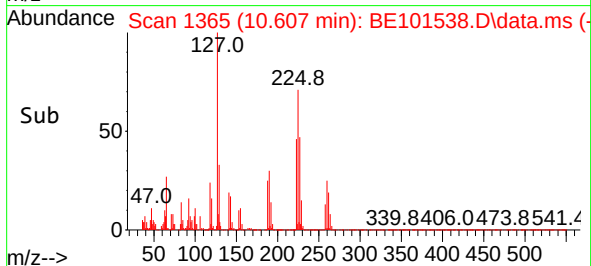
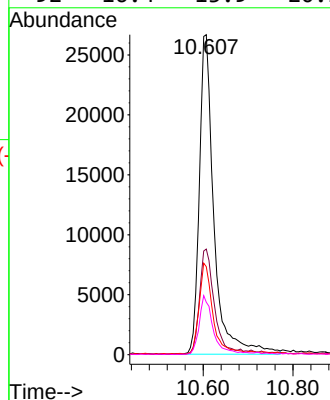
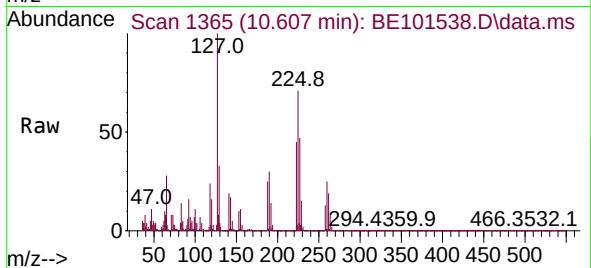
Ion Ratio Lower Upper

127 100

129 33.0 25.8 38.8

65 27.5 22.6 33.8

92 16.4 13.9 20.9



#34

Hexachlorobutadiene

Concen: 40.947 ng

RT: 10.625 min Scan# 1368

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

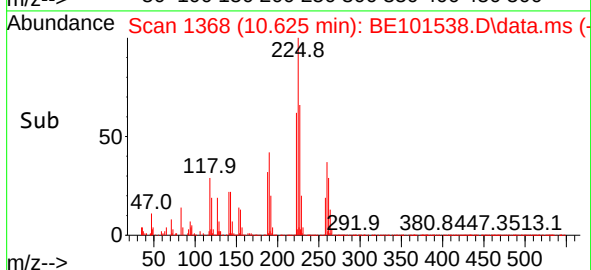
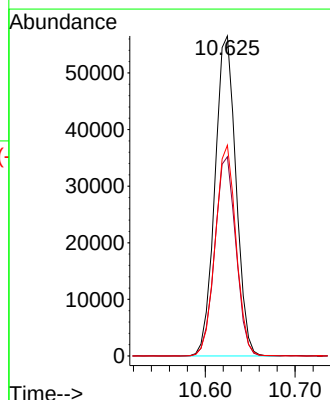
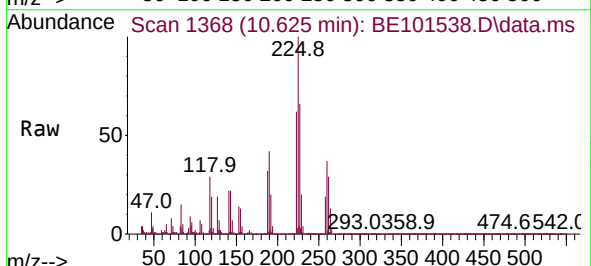
Tgt Ion:225 Resp: 91903

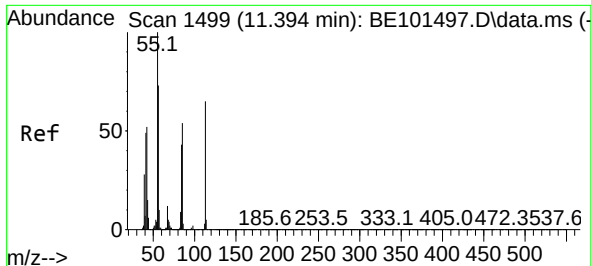
Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

227 65.8 51.0 76.6

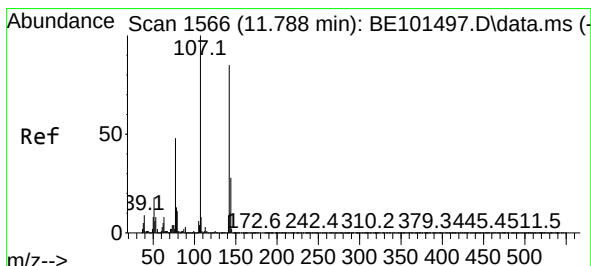
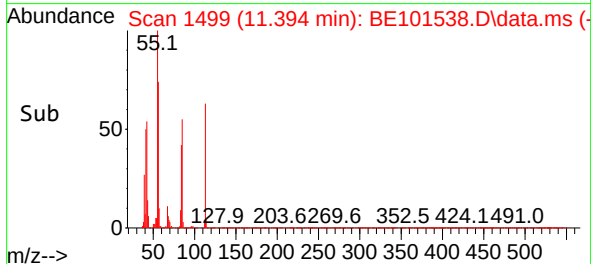
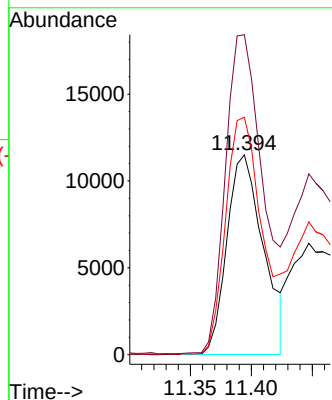
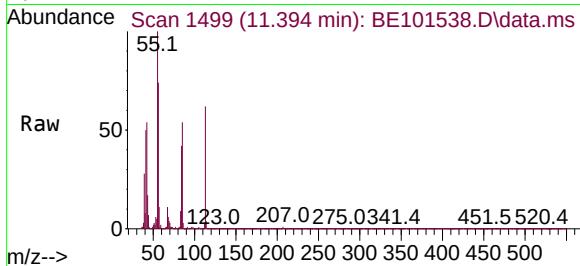




#35  
Caprolactam  
Concen: 19.949 ng  
RT: 11.394 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

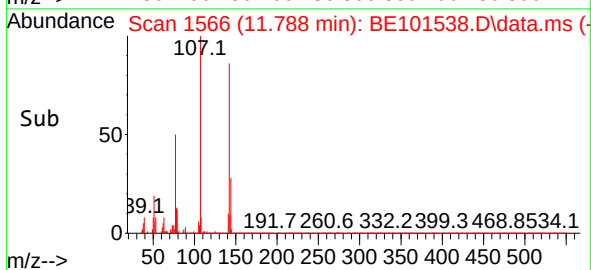
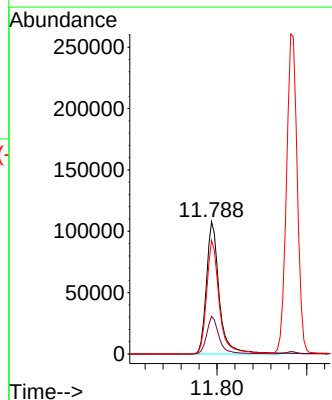
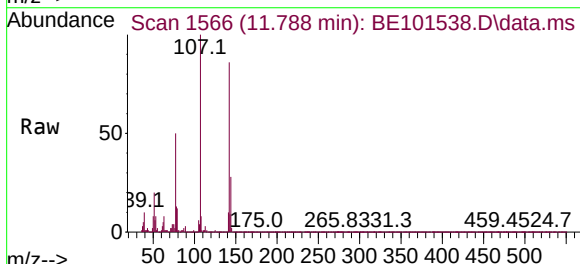
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

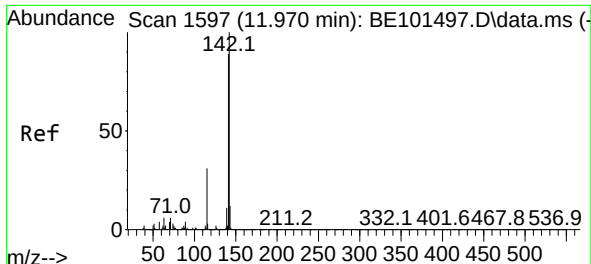
Tgt Ion:113 Resp: 23896  
Ion Ratio Lower Upper  
113 100  
55 160.1 134.3 174.3  
56 118.8 92.6 132.6



#36  
4-Chloro-3-methylphenol  
Concen: 59.725 ng  
RT: 11.788 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:107 Resp: 212745  
Ion Ratio Lower Upper  
107 100  
144 28.4 22.4 33.6  
142 86.0 68.2 102.2

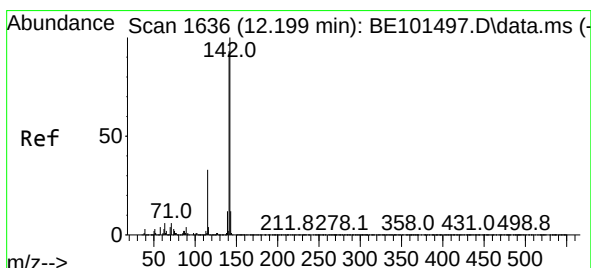
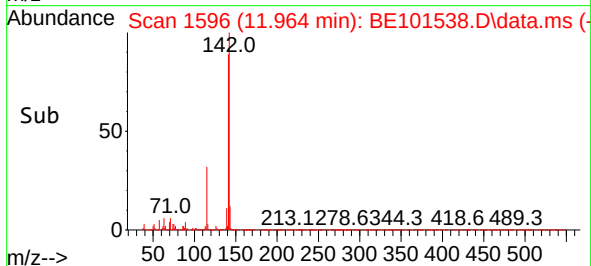
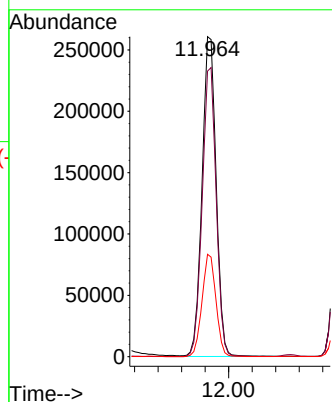
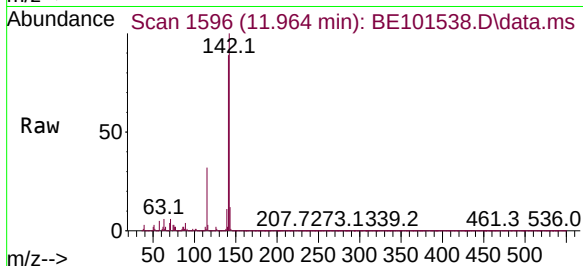




#37  
2-Methylnaphthalene  
Concen: 53.358 ng  
RT: 11.964 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

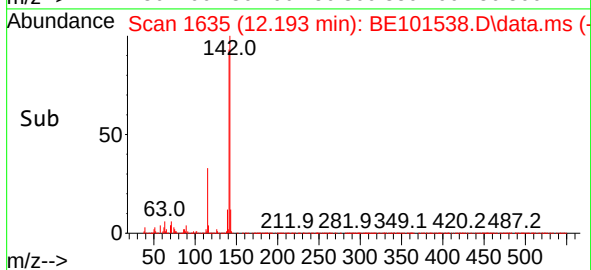
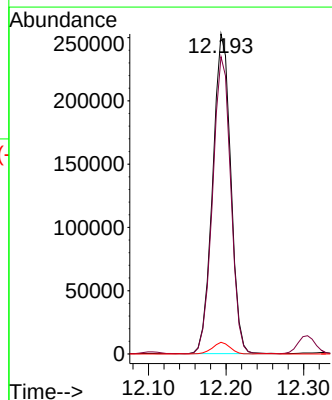
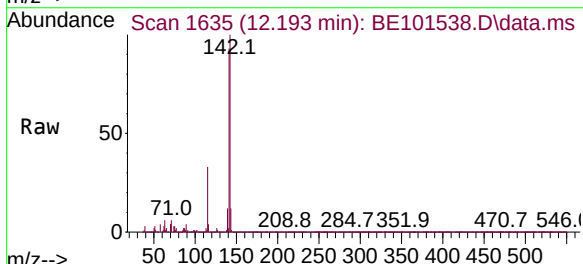
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

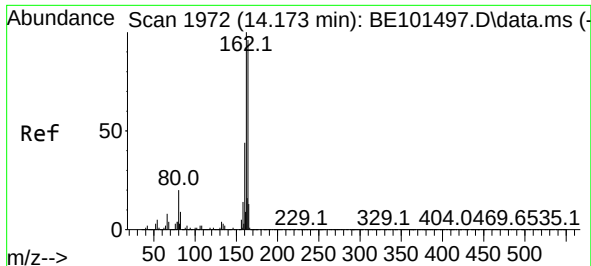
Tgt Ion:142 Resp: 433590  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.3 106.9  
115 32.0 25.0 37.4



#38  
1-Methylnaphthalene  
Concen: 50.484 ng  
RT: 12.193 min Scan# 1635  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:142 Resp: 409112  
Ion Ratio Lower Upper  
142 100  
141 92.9 74.7 112.1  
116 3.7 2.9 4.3

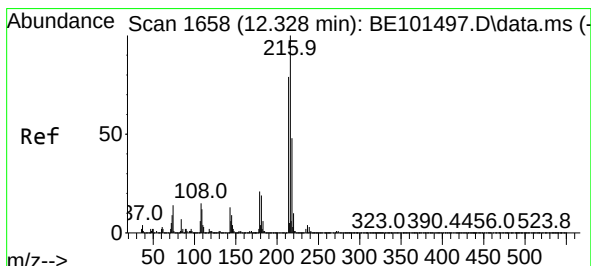
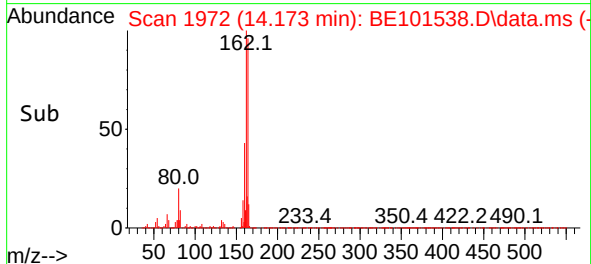
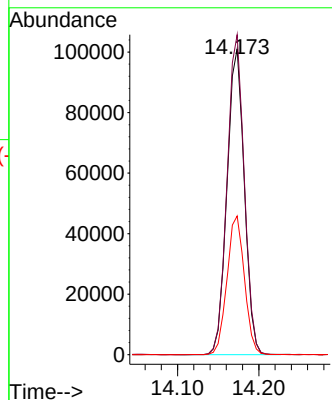
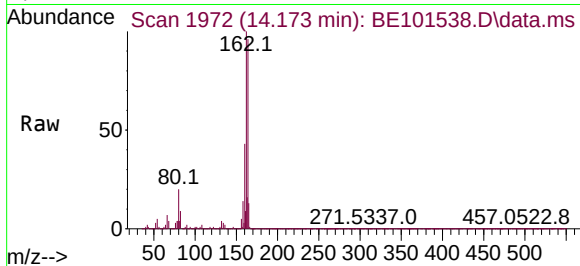




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.173 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

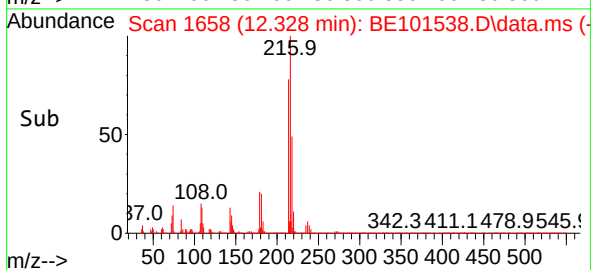
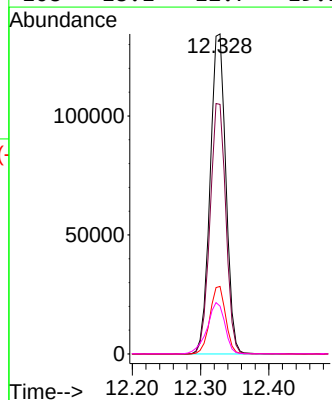
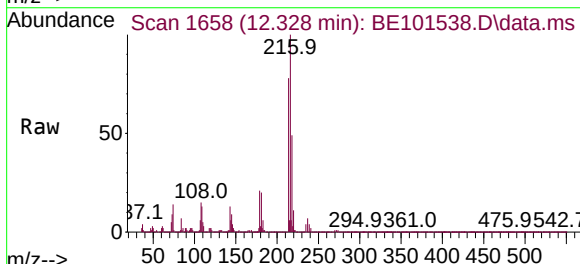
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

Tgt Ion:164 Resp: 149355  
Ion Ratio Lower Upper  
164 100  
162 104.7 83.7 125.5  
160 45.4 37.1 55.7

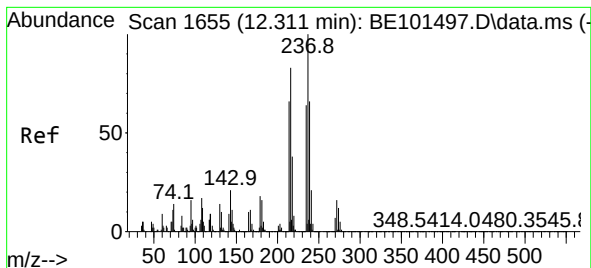


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.809 ng  
RT: 12.328 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:216 Resp: 215821  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.6 93.8  
179 21.1 16.4 24.6  
108 18.1 12.7 19.1







#41

Hexachlorocyclopentadiene

Concen: 188.164 ng

RT: 12.305 min Scan# 1654

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

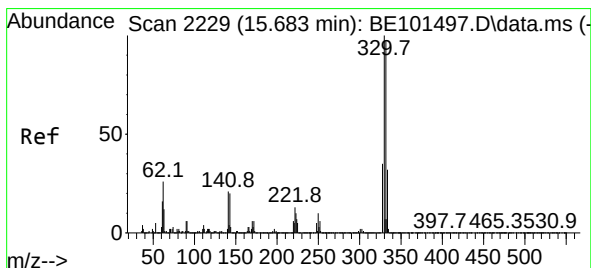
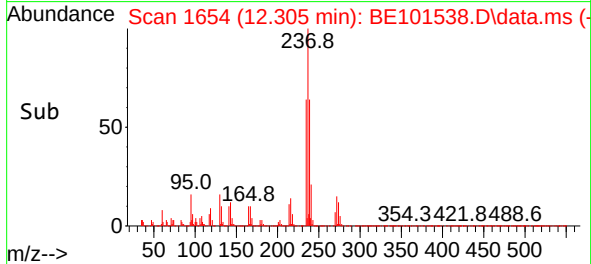
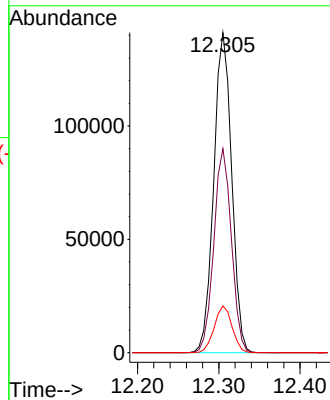
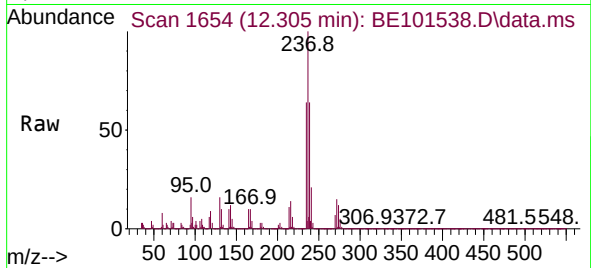
Tgt Ion:237 Resp: 216219

Ion Ratio Lower Upper

237 100

235 63.7 43.5 83.5

272 14.6 0.0 35.6



#42

2,4,6-Tribromophenol

Concen: 179.099 ng

RT: 15.683 min Scan# 2229

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

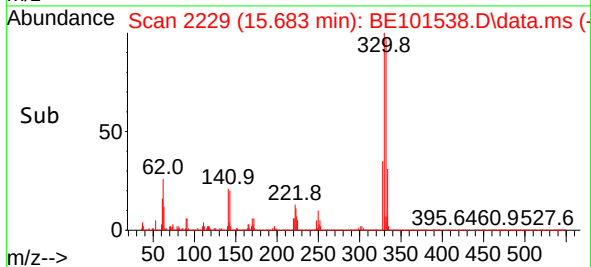
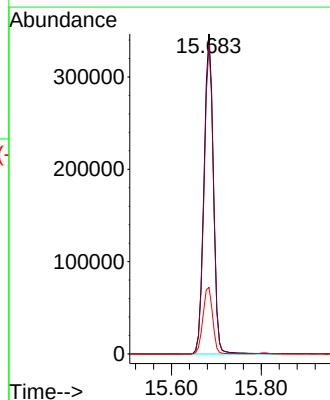
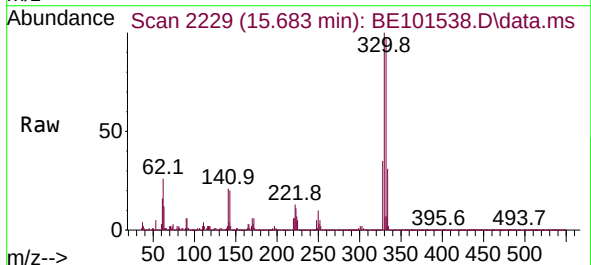
Tgt Ion:330 Resp: 503341

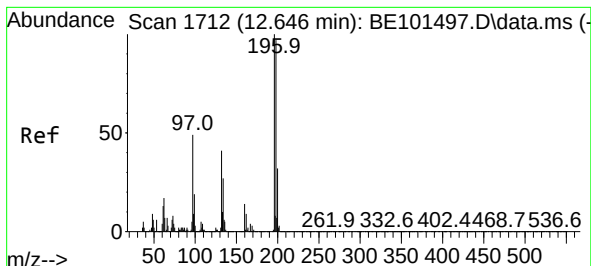
Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

141 21.5 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 62.976 ng

RT: 12.646 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

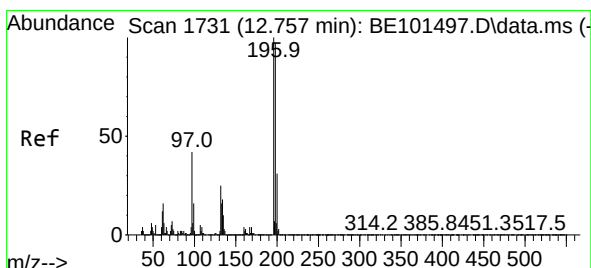
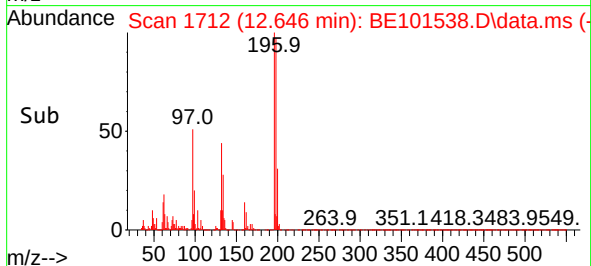
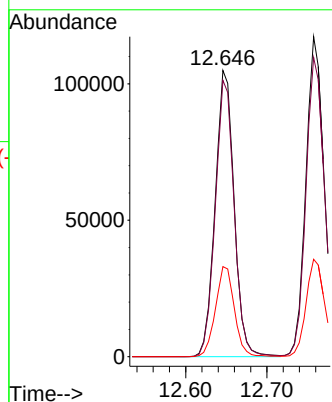
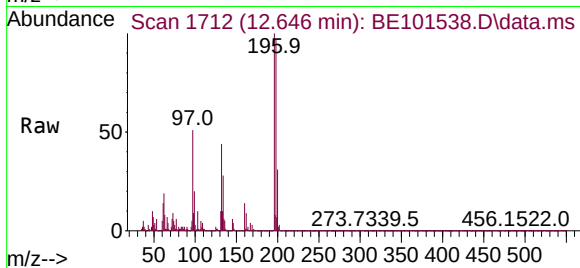
Tgt Ion:196 Resp: 170307

Ion Ratio Lower Upper

196 100

198 96.5 77.7 116.5

200 31.5 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 62.836 ng

RT: 12.757 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Tgt Ion:196 Resp: 189312

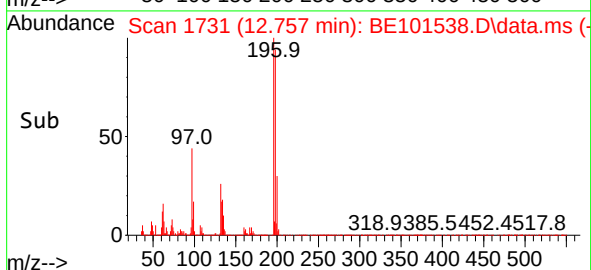
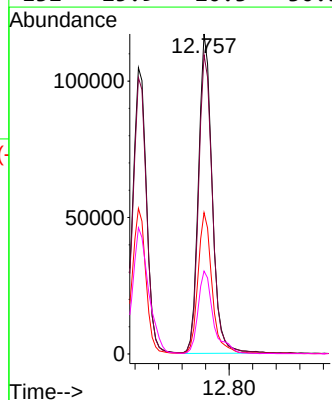
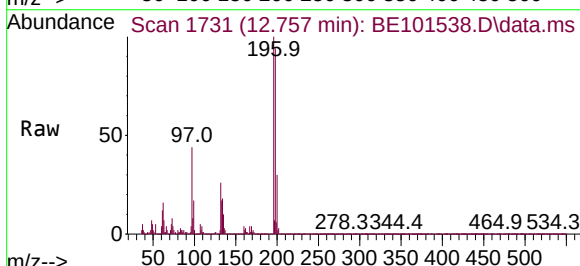
Ion Ratio Lower Upper

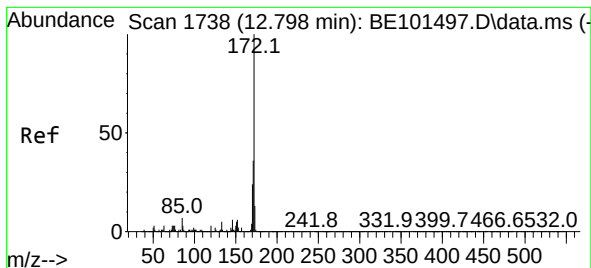
196 100

198 93.5 77.3 115.9

97 44.2 33.4 50.0

132 25.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 120.584 ng

RT: 12.793 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

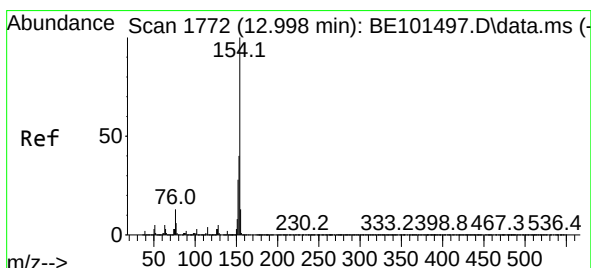
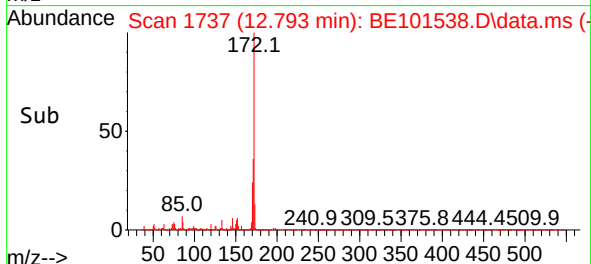
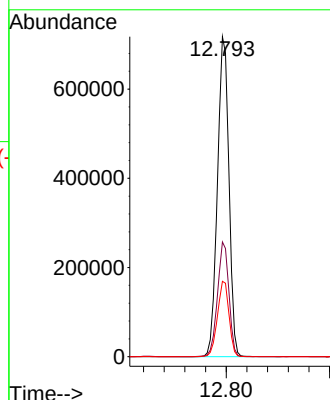
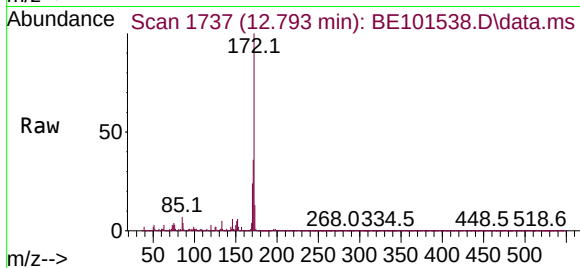
Tgt Ion:172 Resp: 1103006

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 57.622 ng

RT: 12.998 min Scan# 1772

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

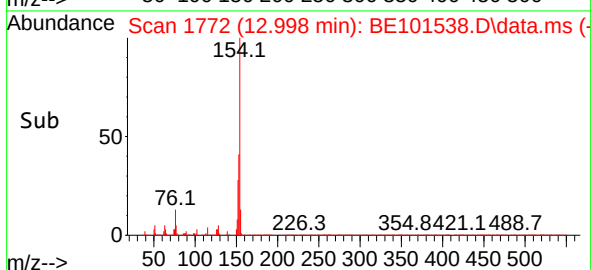
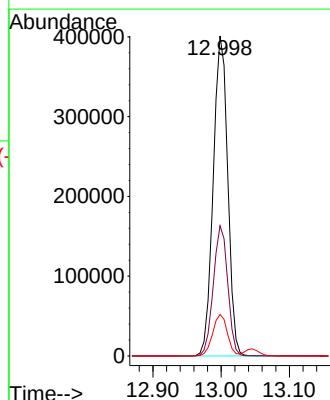
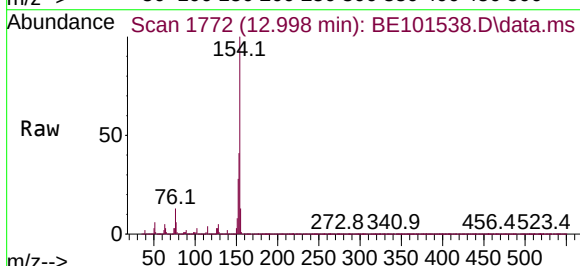
Tgt Ion:154 Resp: 593643

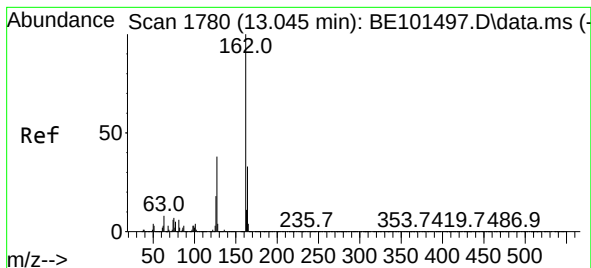
Ion Ratio Lower Upper

154 100

153 40.7 19.7 59.7

76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 56.365 ng

RT: 13.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

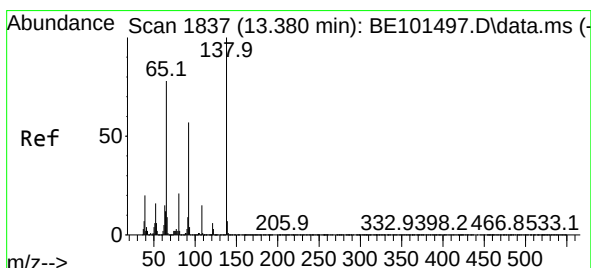
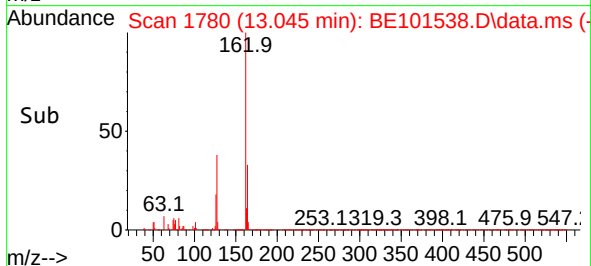
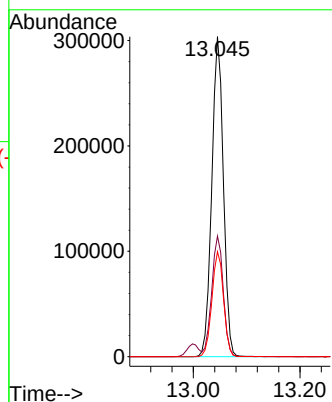
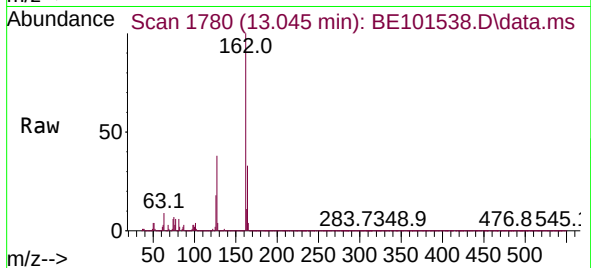
Tgt Ion:162 Resp: 458003

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.4

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 65.818 ng

RT: 13.380 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

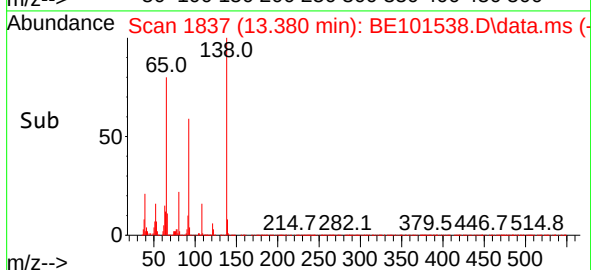
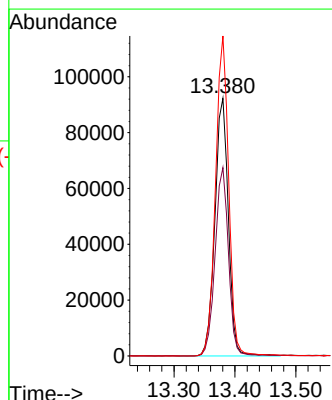
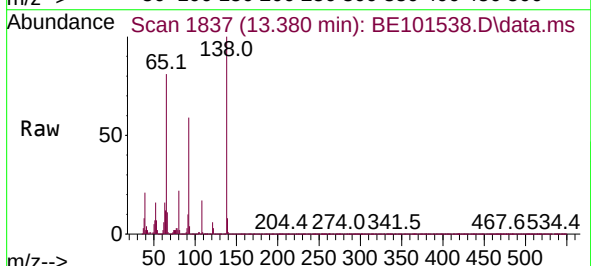
Tgt Ion: 65 Resp: 141567

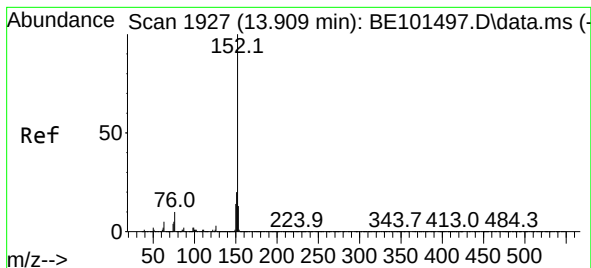
Ion Ratio Lower Upper

65 100

92 73.1 58.9 88.3

138 124.2 103.0 154.6





#49

Acenaphthylene

Concen: 64.029 ng

RT: 13.903 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

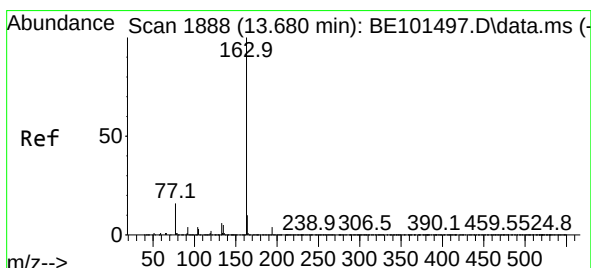
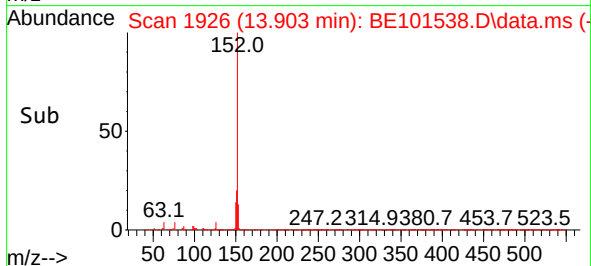
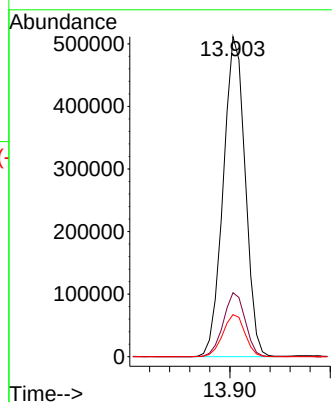
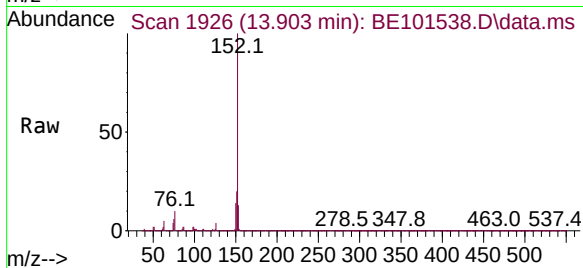
Tgt Ion:152 Resp: 775331

Ion Ratio Lower Upper

152 100

151 20.0 15.6 23.4

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 59.537 ng

RT: 13.680 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

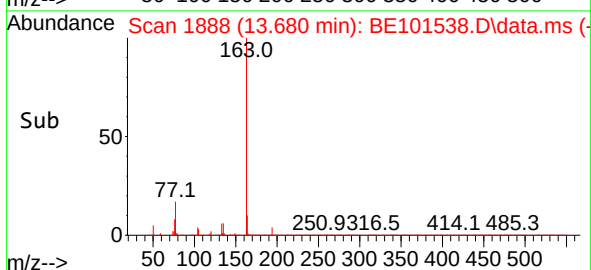
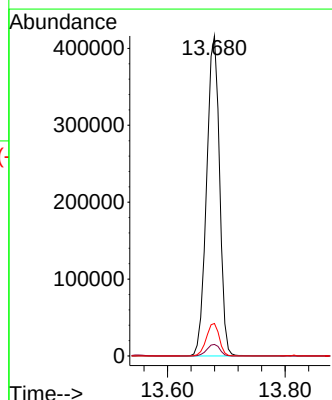
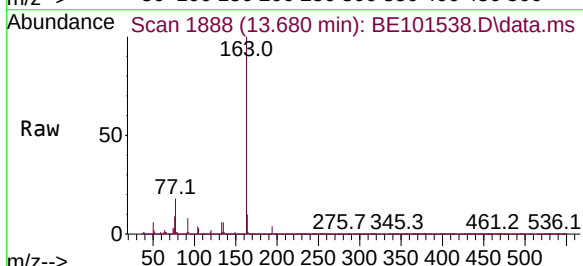
Tgt Ion:163 Resp: 633213

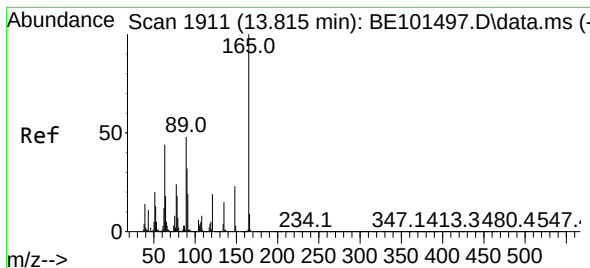
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 10.2 8.2 12.2

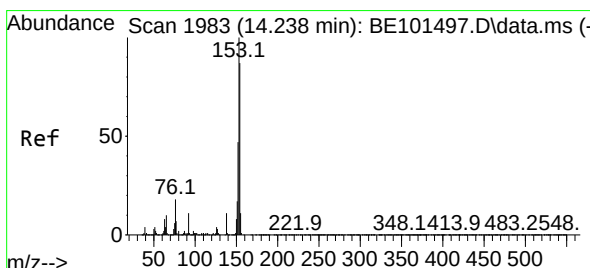
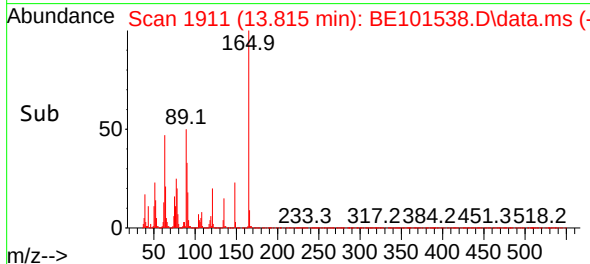
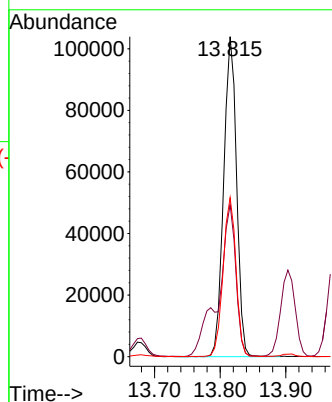
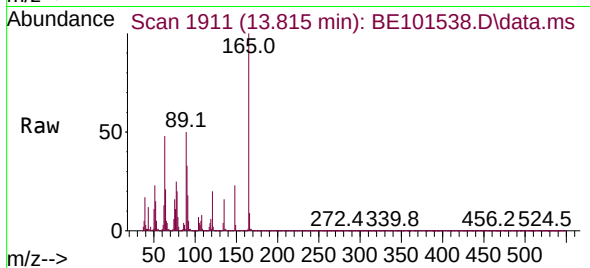




#51  
2,6-Dinitrotoluene  
Concen: 57.434 ng  
RT: 13.815 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

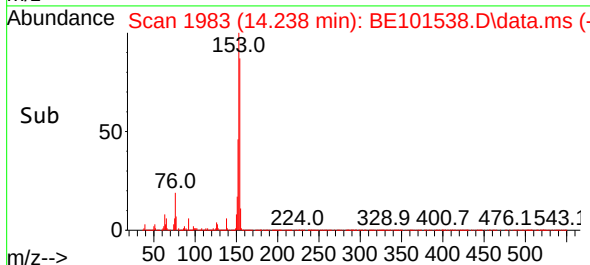
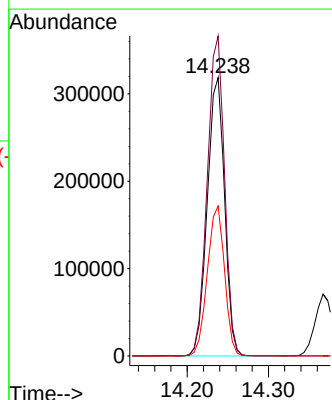
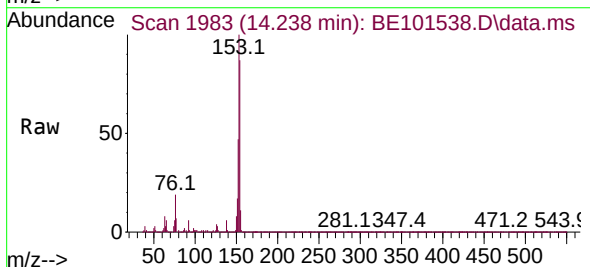
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

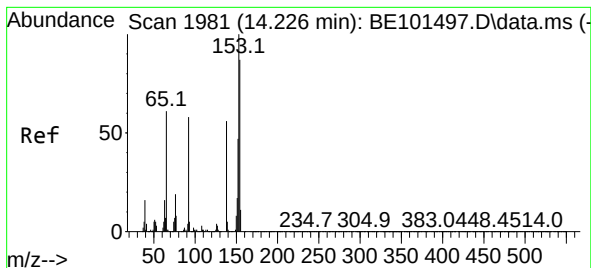
Tgt Ion:165 Resp: 140985  
Ion Ratio Lower Upper  
165 100  
63 47.5 37.2 55.8  
89 49.7 38.4 57.6



#52  
Acenaphthene  
Concen: 60.822 ng  
RT: 14.238 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:154 Resp: 469983  
Ion Ratio Lower Upper  
154 100  
153 115.0 92.3 138.5  
152 53.9 43.6 65.4

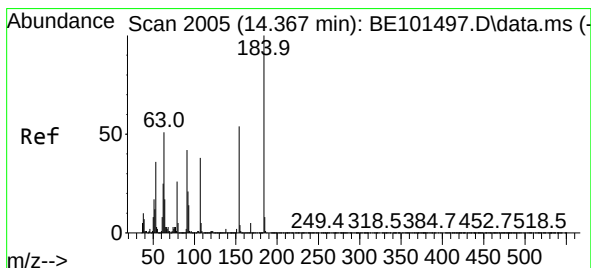
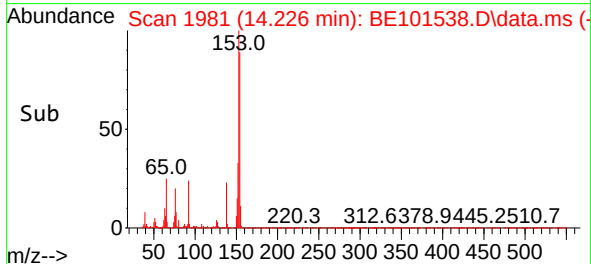
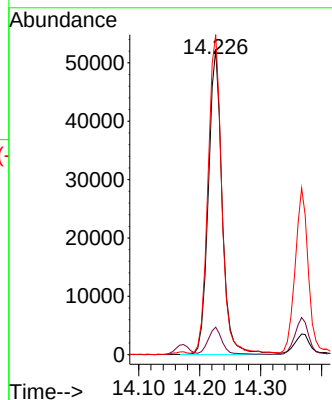
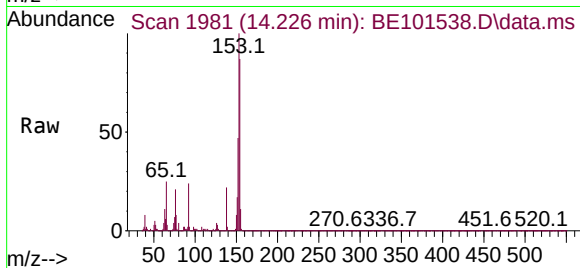




#53  
3-Nitroaniline  
Concen: 34.564 ng  
RT: 14.226 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

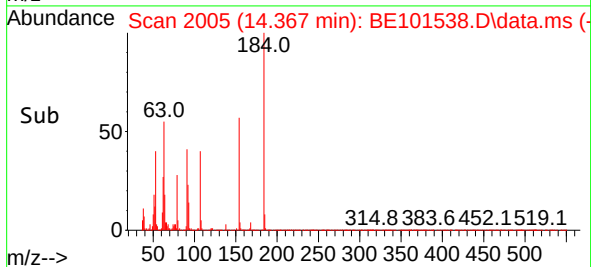
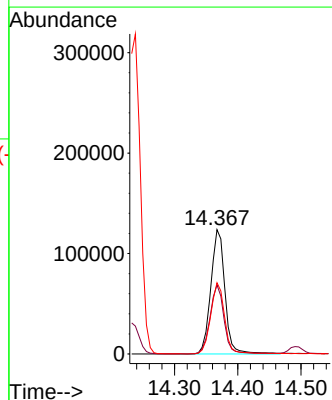
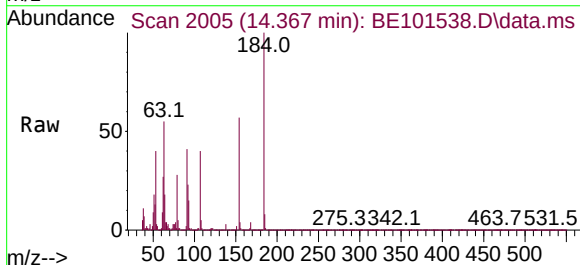
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

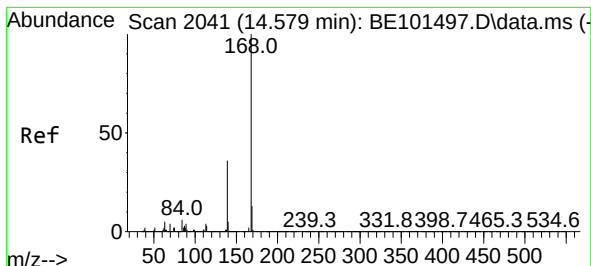
Tgt Ion:138 Resp: 82368  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.2 10.8  
92 104.8 83.0 124.4



#54  
2,4-Dinitrophenol  
Concen: 133.505 ng  
RT: 14.367 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:184 Resp: 192050  
Ion Ratio Lower Upper  
184 100  
63 55.4 41.0 61.4  
154 57.2 43.2 64.8

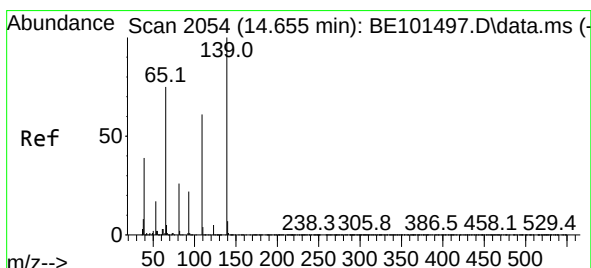
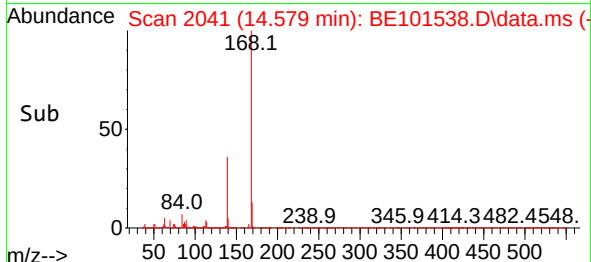
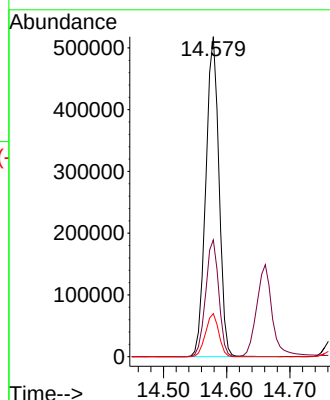
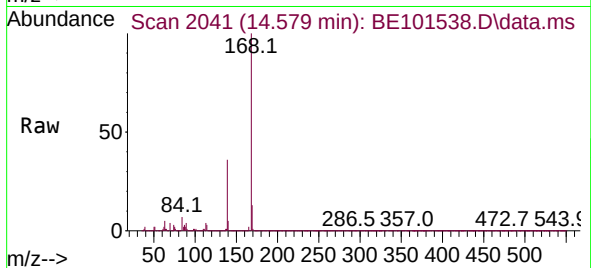




#55  
Dibenzofuran  
Concen: 60.375 ng  
RT: 14.579 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

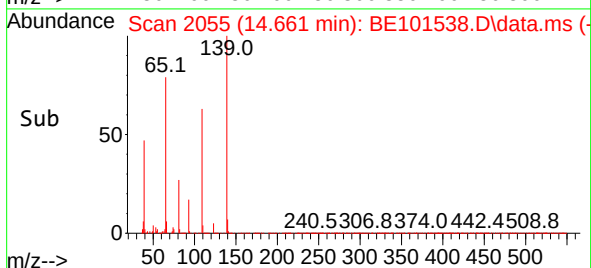
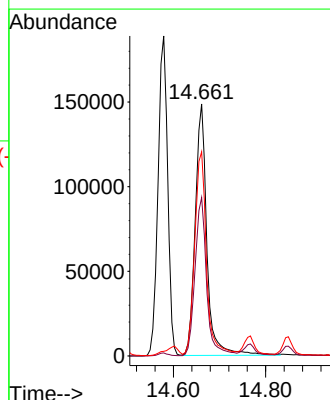
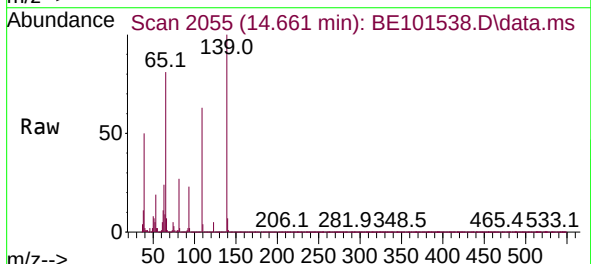
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

Tgt Ion:168 Resp: 751268  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.1 43.7  
169 13.5 10.6 16.0

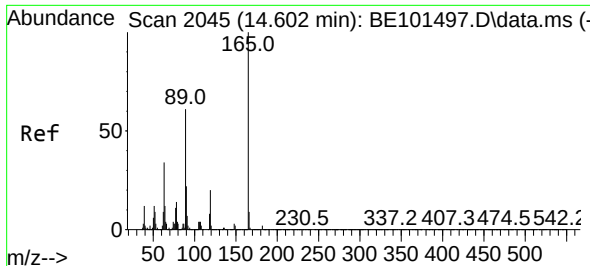


#56  
4-Nitrophenol  
Concen: 133.046 ng  
RT: 14.661 min Scan# 2055  
Delta R.T. 0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:139 Resp: 261811  
Ion Ratio Lower Upper  
139 100  
109 62.8 40.7 80.7  
65 81.0 58.0 98.0



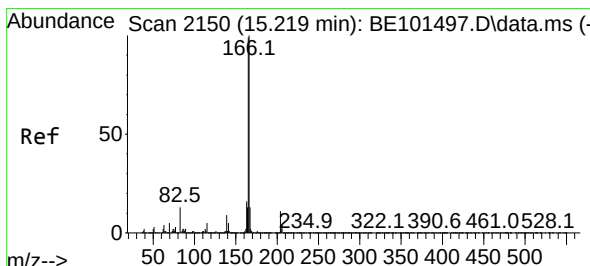
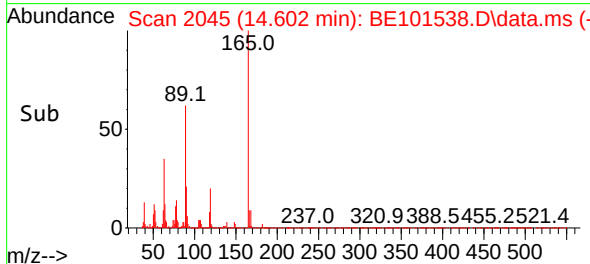
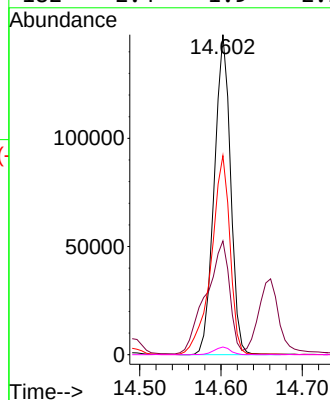
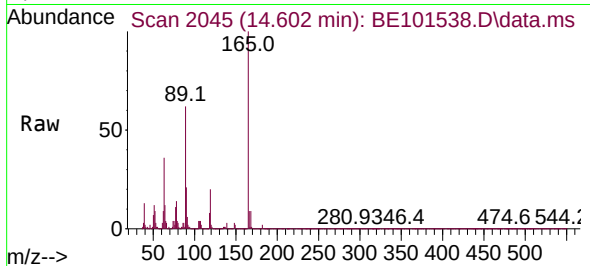




#57  
2,4-Dinitrotoluene  
Concen: 59.688 ng  
RT: 14.602 min Scan# 2045  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

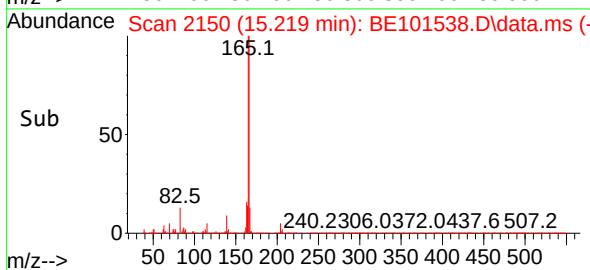
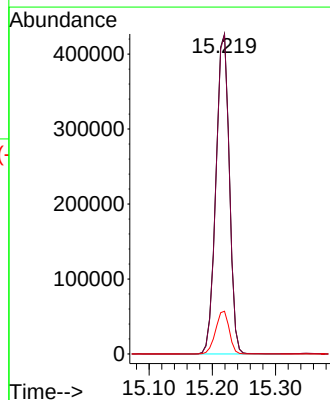
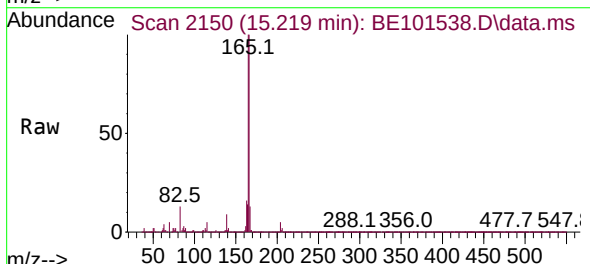
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

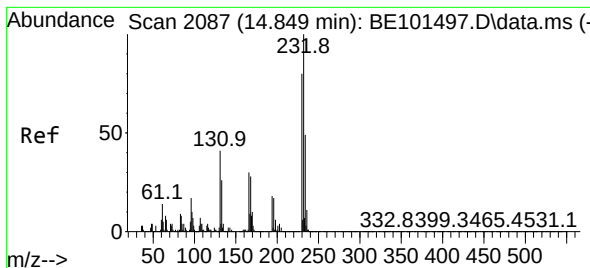
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 205842 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 35.6  | 27.8  | 41.8   |
| 89       | 62.2  | 49.5  | 74.3   |
| 182      | 2.4   | 1.9   | 2.9    |



#58  
Fluorene  
Concen: 60.296 ng  
RT: 15.219 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 626154 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.9  | 79.0  | 118.4  |
| 167      | 13.4  | 10.6  | 16.0   |



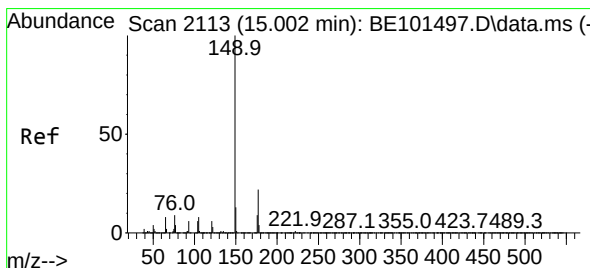
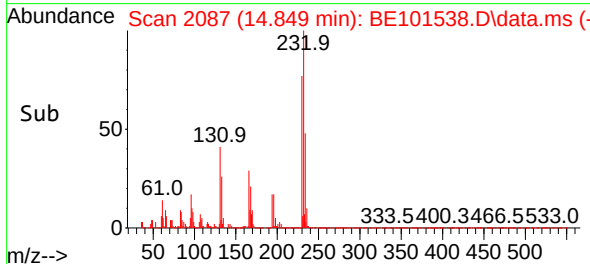
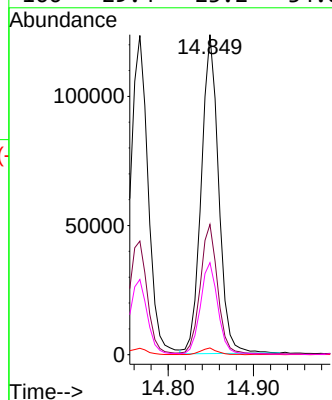
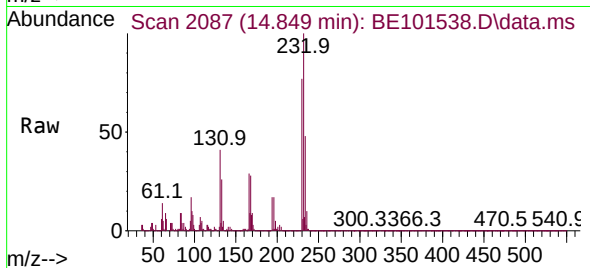


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 62.646 ng  
RT: 14.849 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

Tgt Ion:232 Resp: 174644

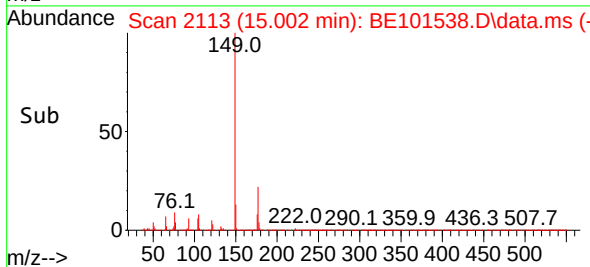
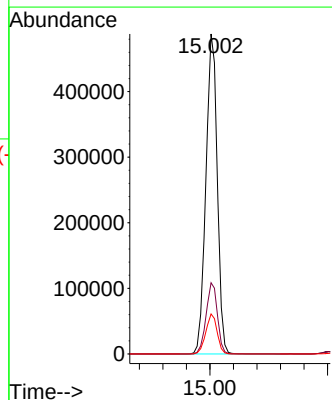
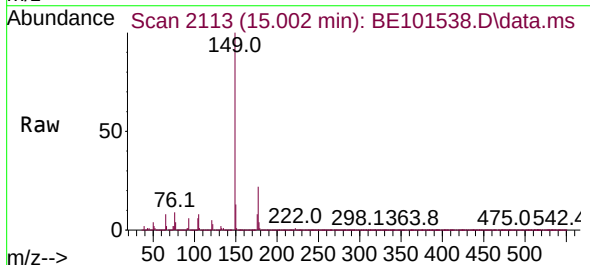
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 40.8  | 32.2  | 48.4  |
| 130 | 2.0   | 1.5   | 2.3   |
| 166 | 29.4  | 23.2  | 34.8  |

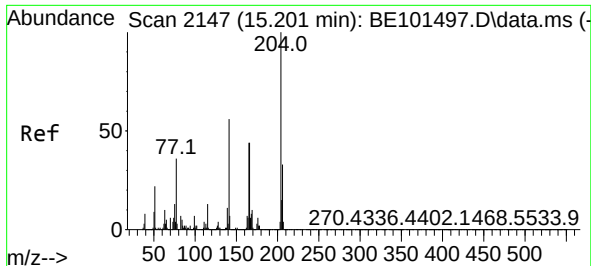


#60  
Diethylphthalate  
Concen: 58.274 ng  
RT: 15.002 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:149 Resp: 653496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.3  | 17.9  | 26.9  |
| 150 | 12.5  | 10.0  | 15.0  |

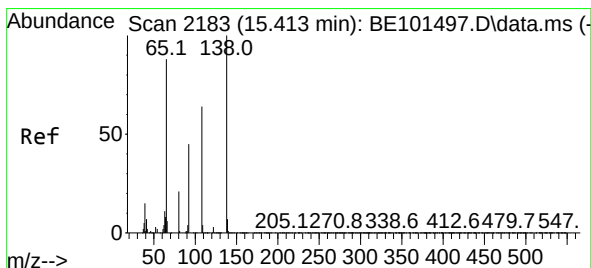
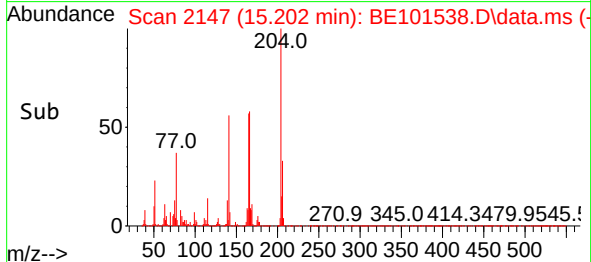
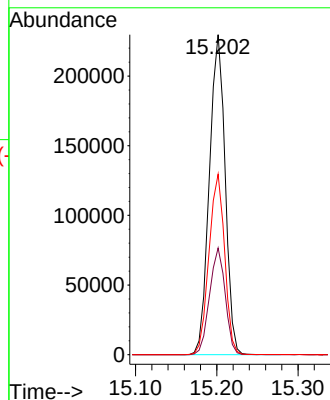
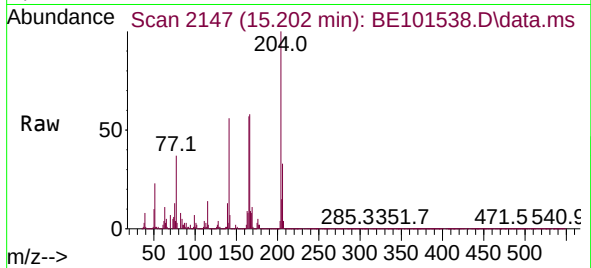




#61  
4-Chlorophenyl-phenylether  
Concen: 58.579 ng  
RT: 15.202 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

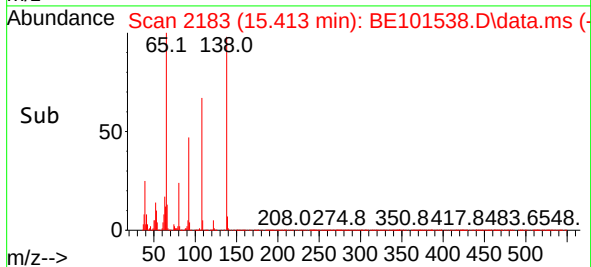
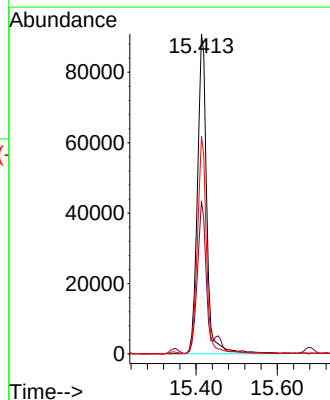
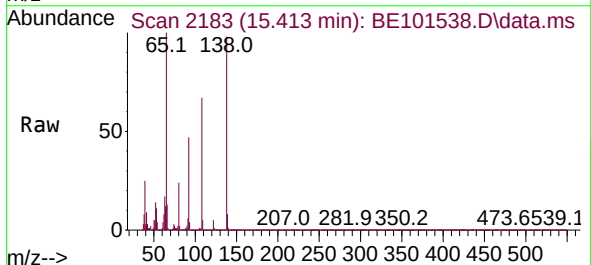
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

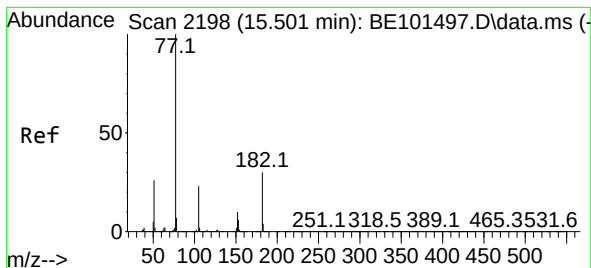
Tgt Ion:204 Resp: 308906  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.7 40.1  
141 56.4 44.8 67.2



#62  
4-Nitroaniline  
Concen: 56.618 ng  
RT: 15.413 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:138 Resp: 145367  
Ion Ratio Lower Upper  
138 100  
92 47.9 25.7 65.7  
108 68.0 44.4 84.4





#63

Azobenzene

Concen: 61.762 ng

RT: 15.501 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

Tgt Ion: 77 Resp: 565043

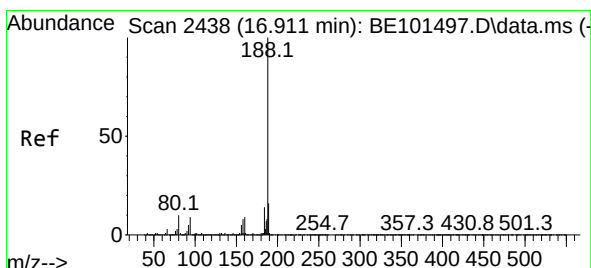
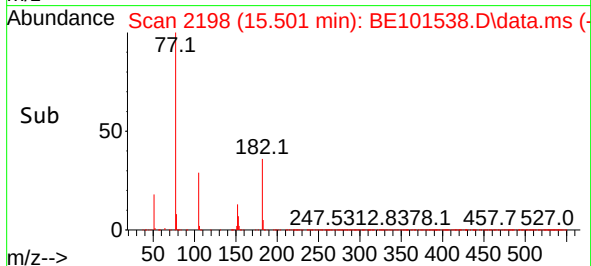
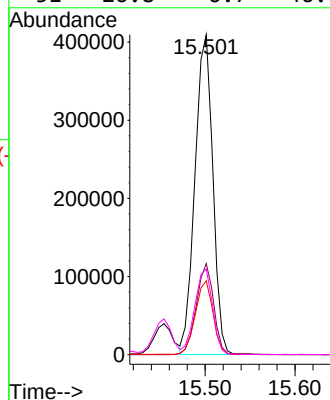
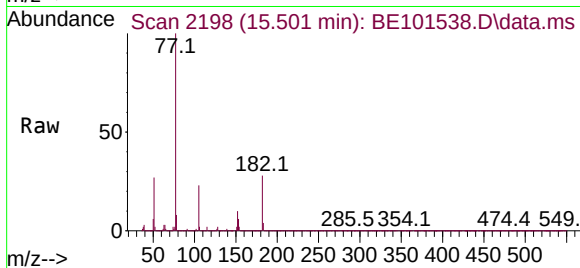
Ion Ratio Lower Upper

77 100

182 28.5 9.1 49.1

105 23.1 3.2 43.2

51 26.8 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.911 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

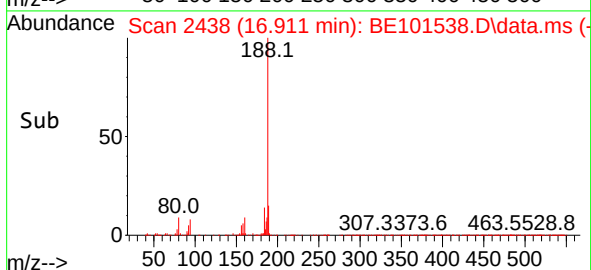
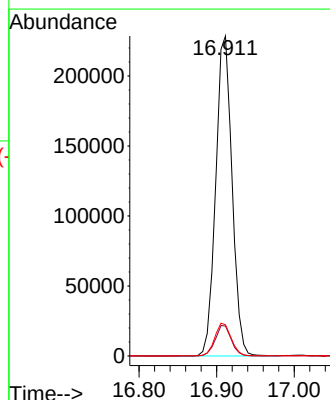
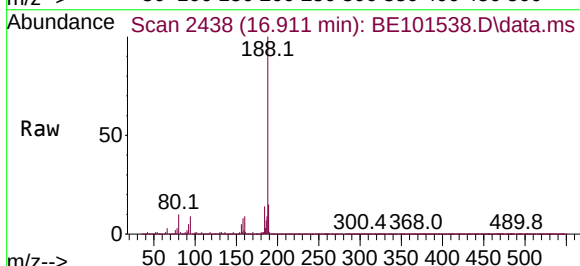
Tgt Ion: 188 Resp: 334021

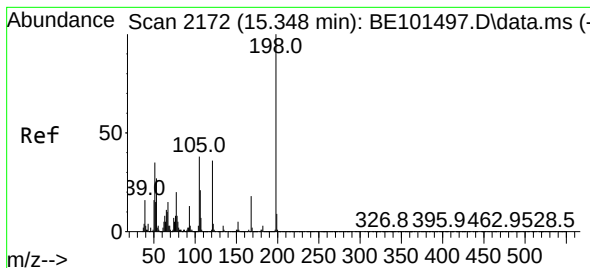
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.7 8.0 12.0

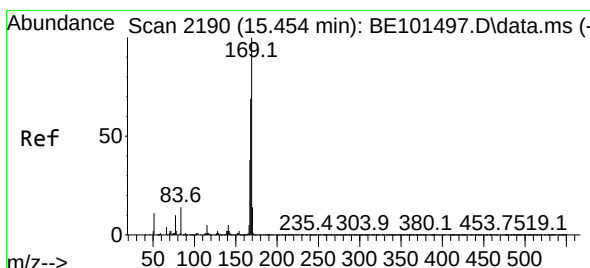
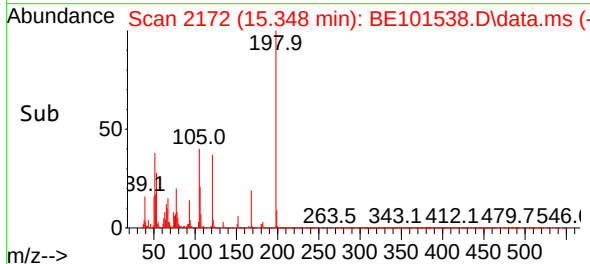
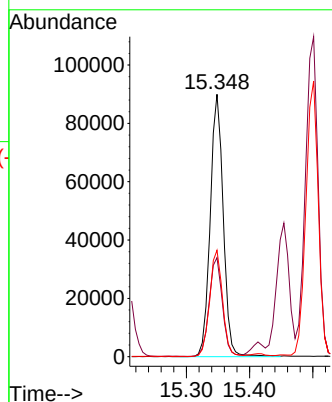
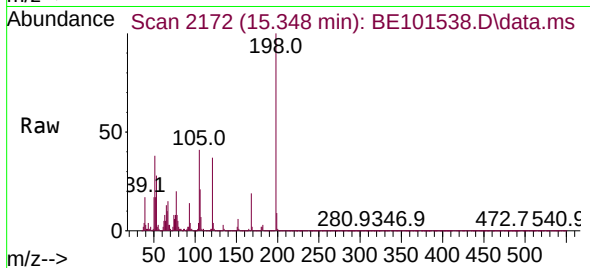




#65  
4,6-Dinitro-2-methylphenol  
Concen: 64.932 ng  
RT: 15.348 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

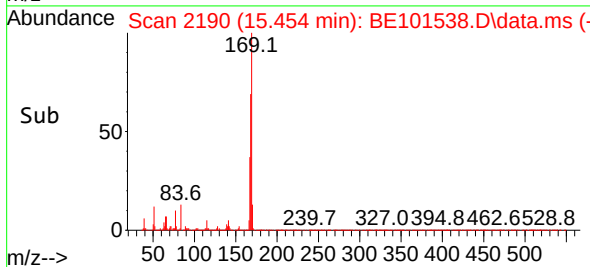
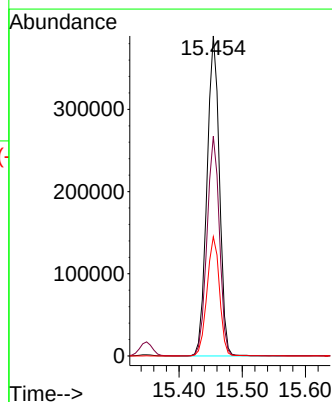
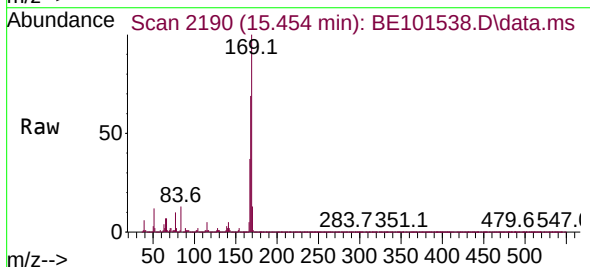
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

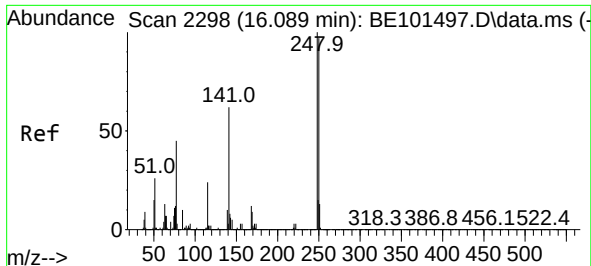
Tgt Ion:198 Resp: 128746  
Ion Ratio Lower Upper  
198 100  
51 37.8 15.3 55.3  
105 40.5 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 60.196 ng  
RT: 15.454 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:169 Resp: 533604  
Ion Ratio Lower Upper  
169 100  
168 68.7 55.5 83.3  
167 37.3 30.4 45.6

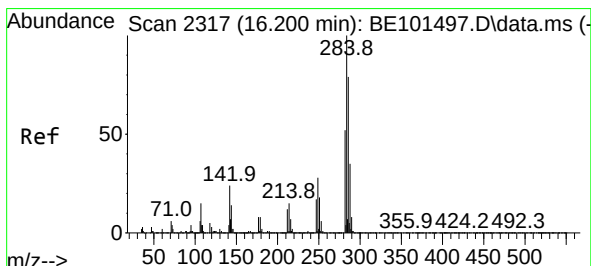
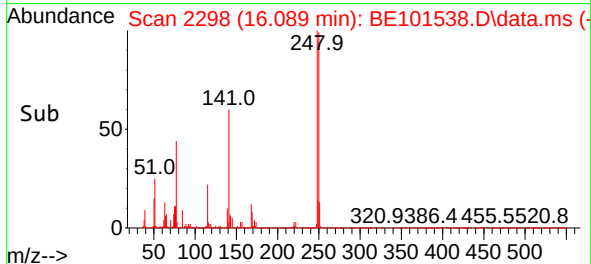
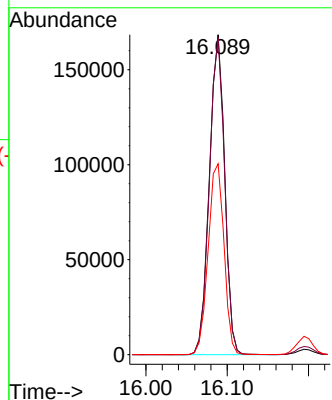
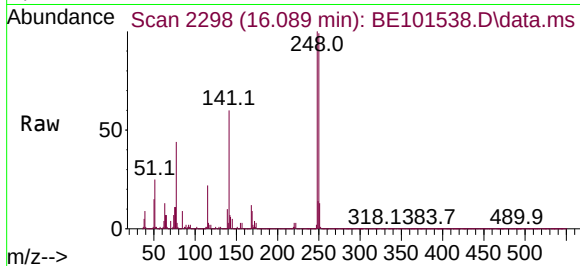




#67  
4-Bromophenyl-phenylether  
Concen: 59.804 ng  
RT: 16.089 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

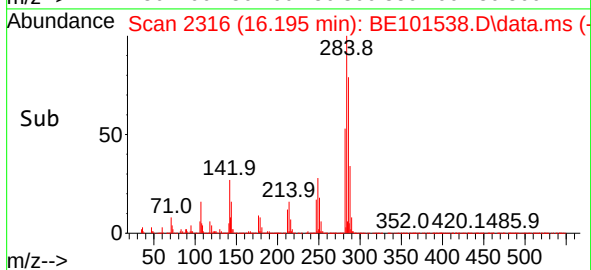
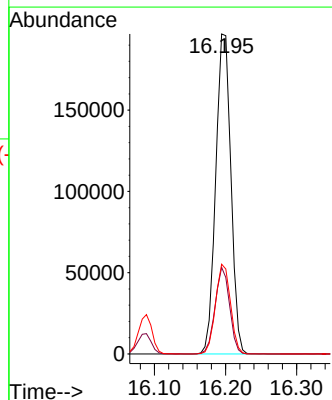
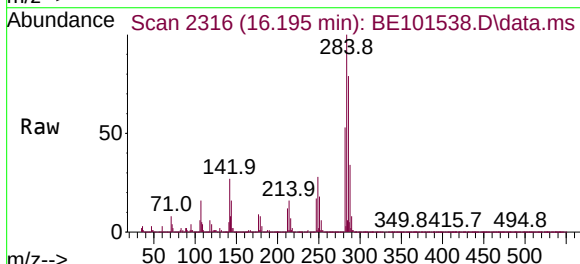
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

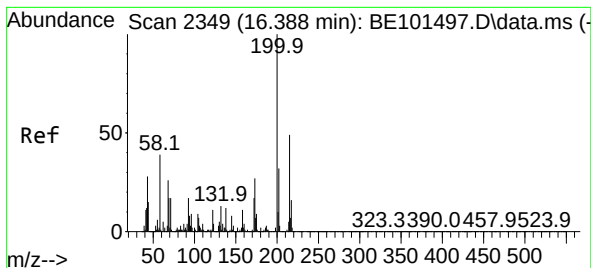
Tgt Ion:248 Resp: 220320  
Ion Ratio Lower Upper  
248 100  
250 99.1 78.0 117.0  
141 59.7 50.0 75.0



#68  
Hexachlorobenzene  
Concen: 59.934 ng  
RT: 16.195 min Scan# 2316  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:284 Resp: 290586  
Ion Ratio Lower Upper  
284 100  
142 27.1 19.4 29.2  
249 28.0 22.4 33.6





#69

Atrazine

Concen: 52.692 ng

RT: 16.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

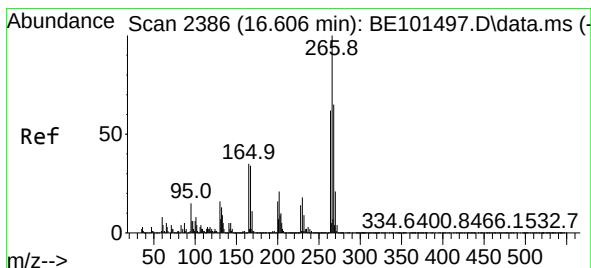
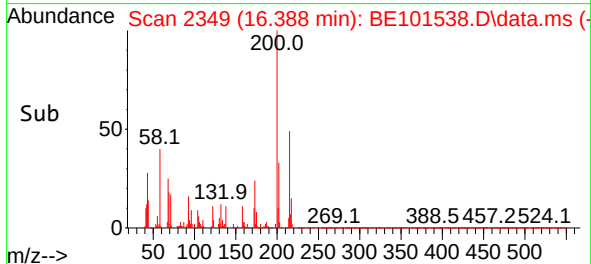
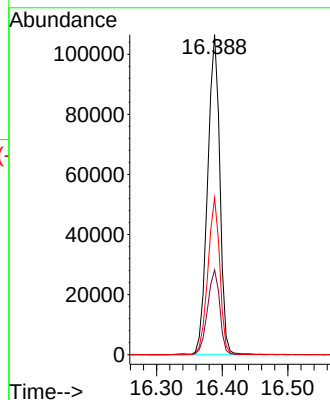
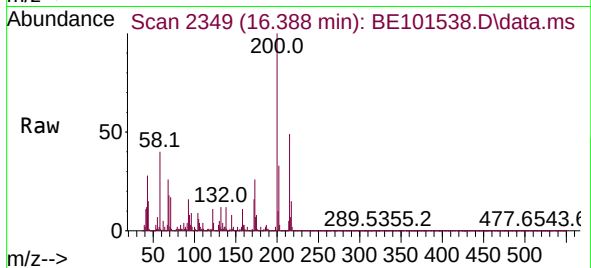
Tgt Ion:200 Resp: 137899

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

215 49.0 28.9 68.9



#70

Pentachlorophenol

Concen: 134.339 ng

RT: 16.606 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

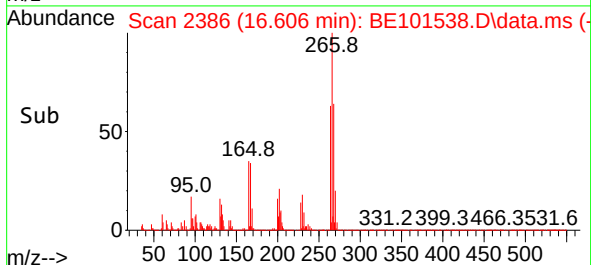
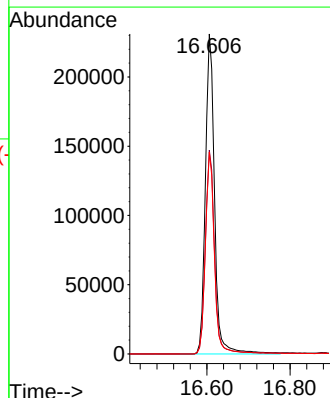
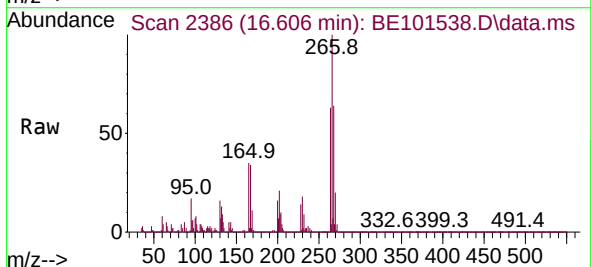
Tgt Ion:266 Resp: 353405

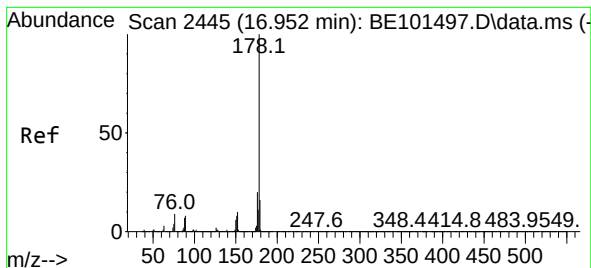
Ion Ratio Lower Upper

266 100

268 63.7 52.0 78.0

264 63.1 49.6 74.4





#71

Phenanthrene

Concen: 63.626 ng

RT: 16.952 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

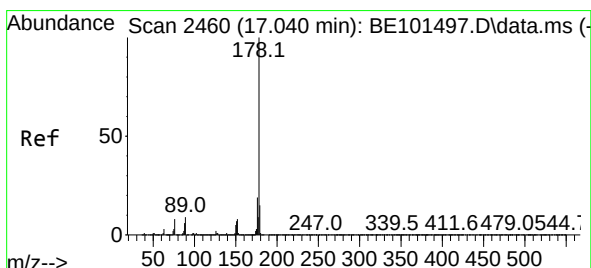
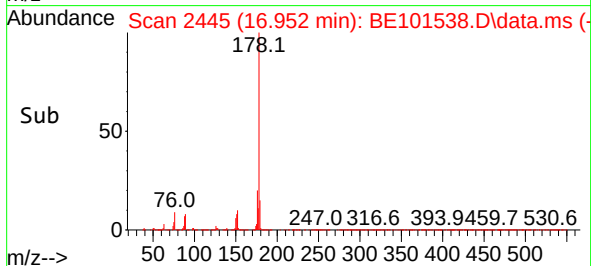
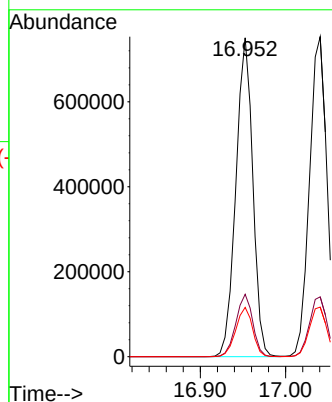
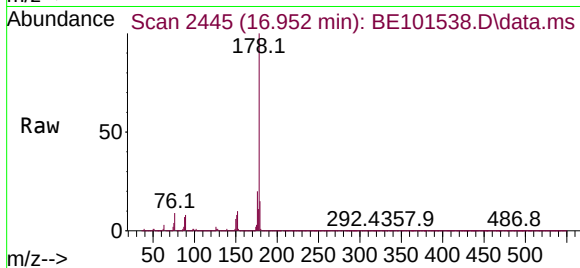
Tgt Ion:178 Resp: 1033647

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.5 12.6 19.0



#72

Anthracene

Concen: 66.710 ng

RT: 17.041 min Scan# 2460

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

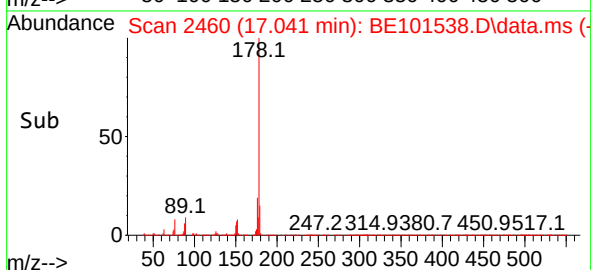
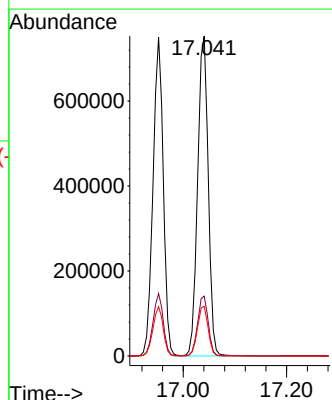
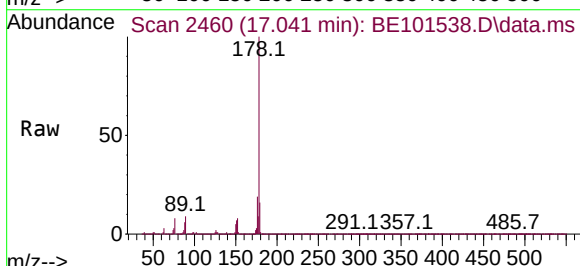
Tgt Ion:178 Resp: 1070245

Ion Ratio Lower Upper

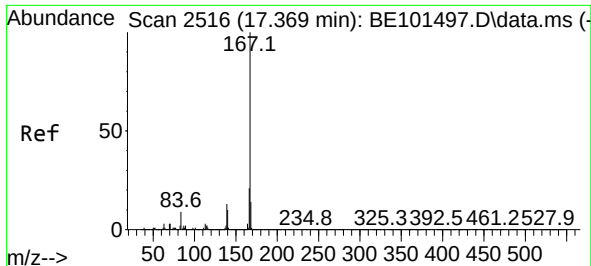
178 100

176 18.7 15.1 22.7

179 15.5 12.4 18.6



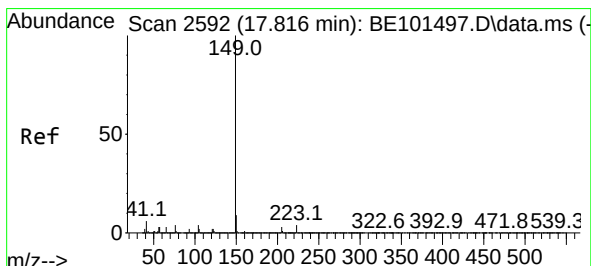
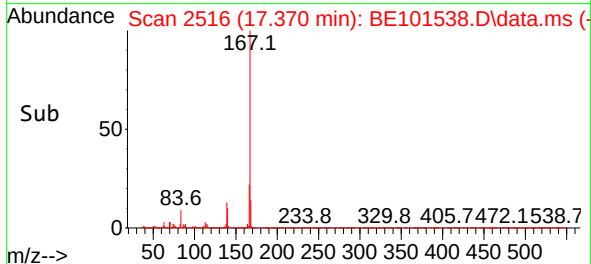
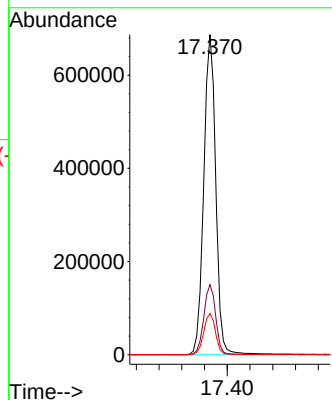
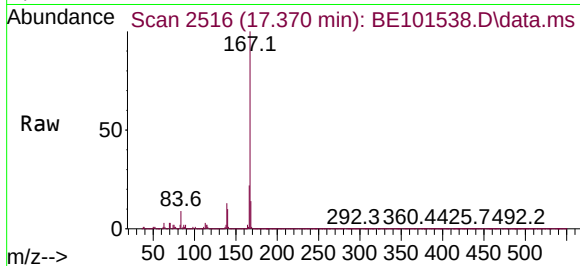




#73  
 Carbazole  
 Concen: 62.281 ng  
 RT: 17.370 min Scan# 2516  
 Delta R.T. 0.000 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

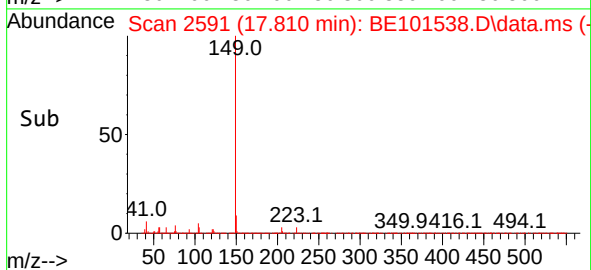
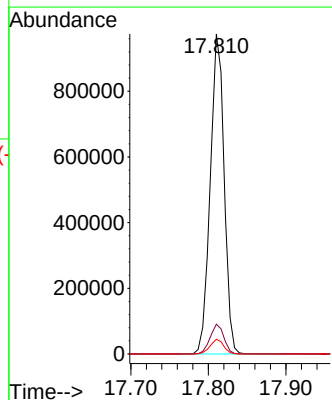
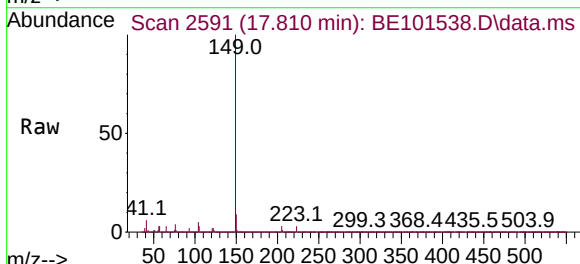
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-G5-WCMSD

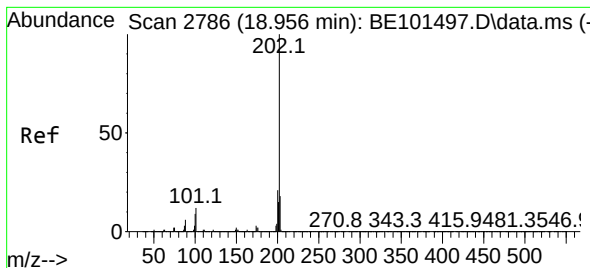
Tgt Ion:167 Resp: 1002000  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.1 25.7  
 139 12.9 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 60.942 ng  
 RT: 17.810 min Scan# 2591  
 Delta R.T. -0.006 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

Tgt Ion:149 Resp: 1210812  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 4.6 3.4 5.2

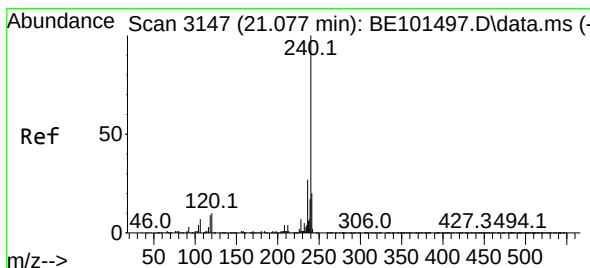
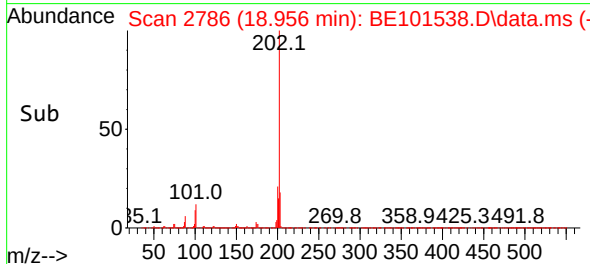
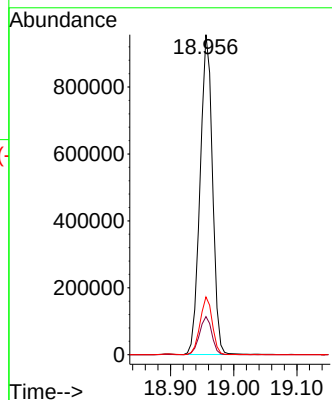
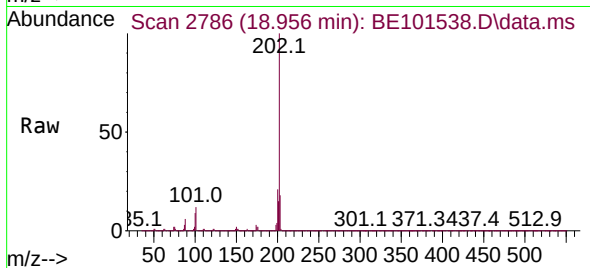




#75  
Fluoranthene  
Concen: 62.486 ng  
RT: 18.956 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

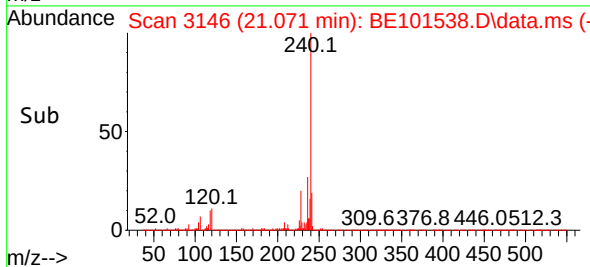
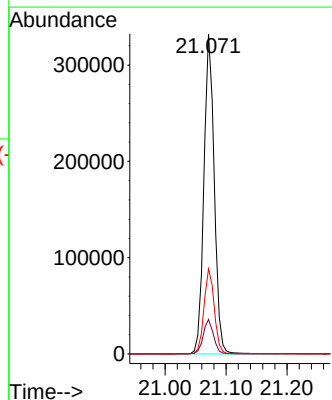
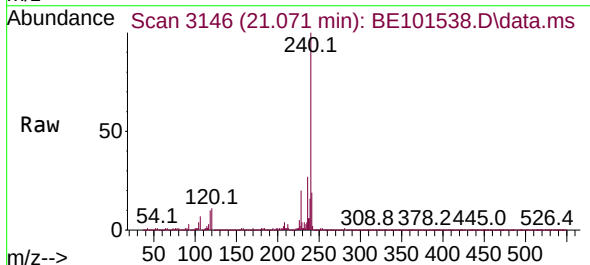
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

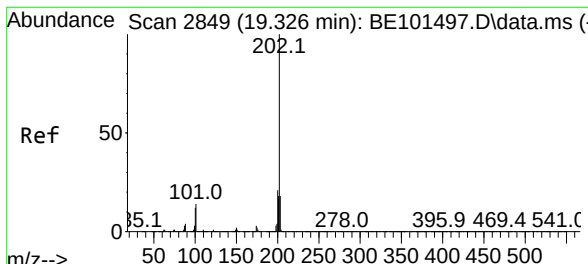
Tgt Ion:202 Resp: 1301554  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 31.7  
203 18.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.071 min Scan# 3146  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:240 Resp: 392889  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.2 12.4  
236 26.6 21.4 32.2

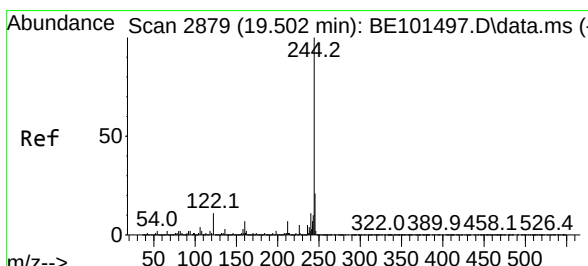
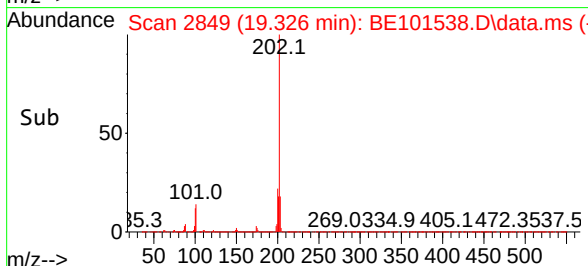
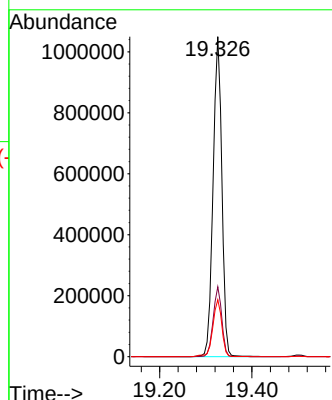
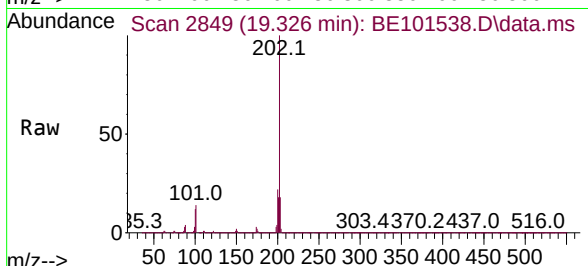




#78  
 Pyrene  
 Concen: 62.068 ng  
 RT: 19.326 min Scan# 2849  
 Delta R.T. 0.000 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

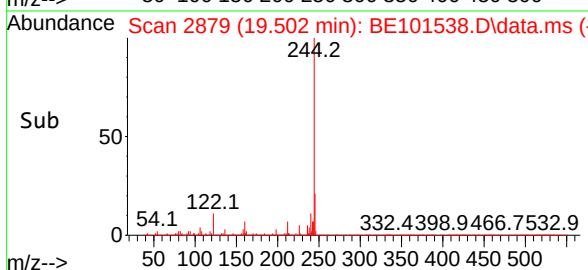
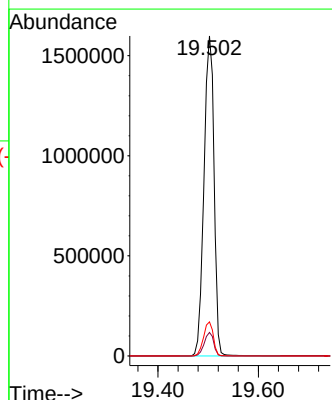
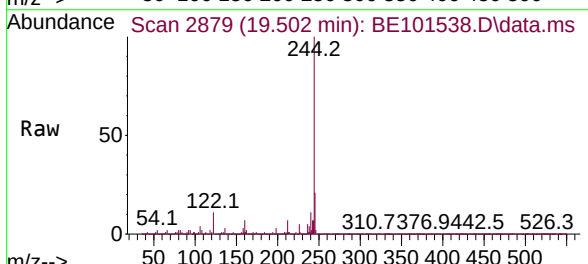
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-G5-WCMSD

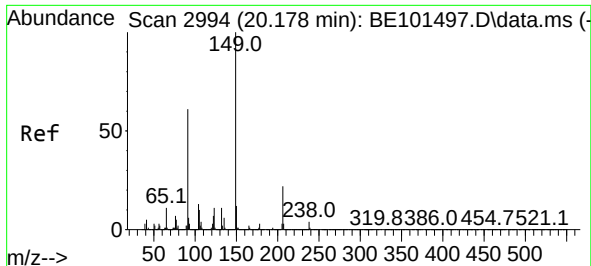
Tgt Ion:202 Resp: 1387513  
 Ion Ratio Lower Upper  
 202 100  
 200 21.8 17.2 25.8  
 203 17.8 14.2 21.4



#79  
 Terphenyl-d14  
 Concen: 125.816 ng  
 RT: 19.502 min Scan# 2879  
 Delta R.T. 0.000 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

Tgt Ion:244 Resp: 2233125  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 10.6 8.4 12.6

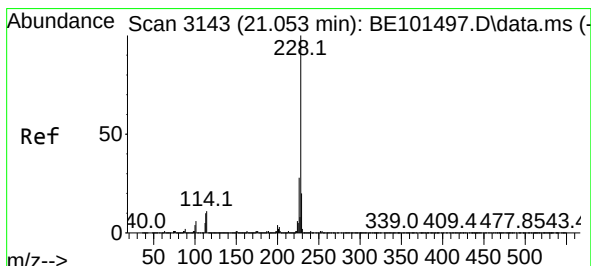
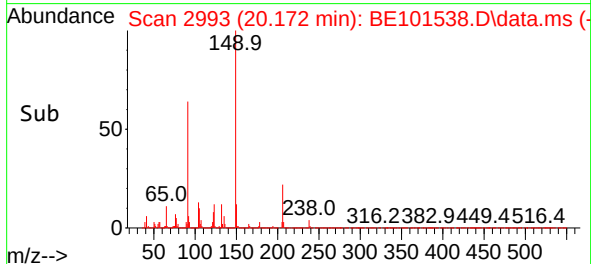
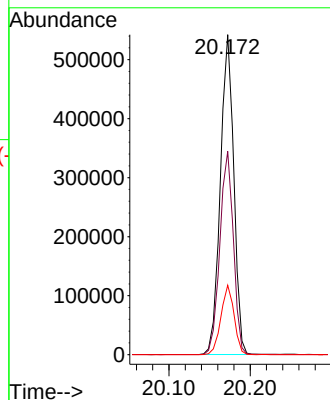
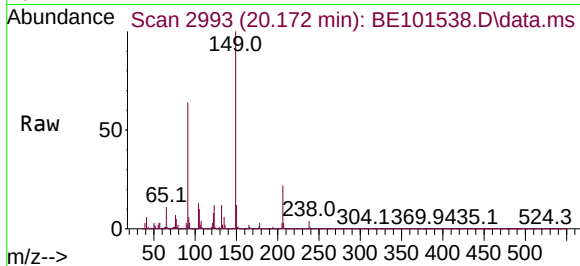




#80  
Butylbenzylphthalate  
Concen: 62.146 ng  
RT: 20.172 min Scan# 2994  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

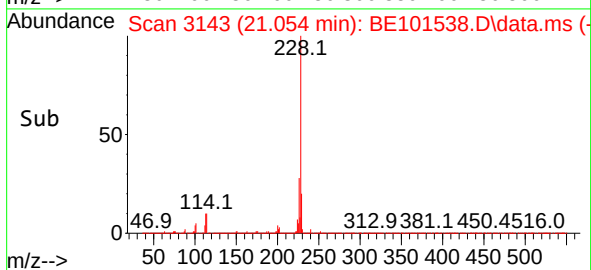
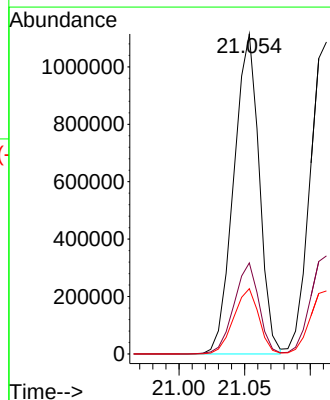
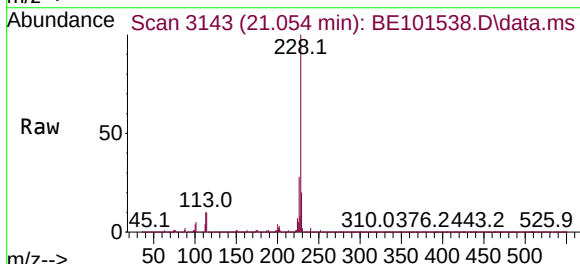
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

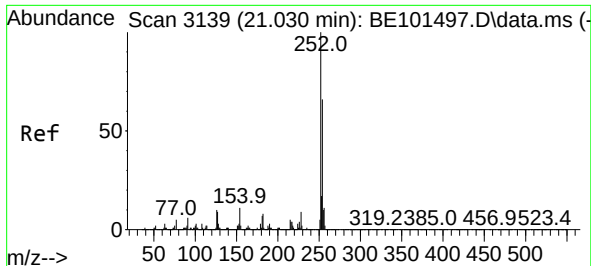
Tgt Ion:149 Resp: 624333  
Ion Ratio Lower Upper  
149 100  
91 63.6 49.2 73.8  
206 21.7 17.4 26.2



#81  
Benzo(a)anthracene  
Concen: 64.210 ng  
RT: 21.054 min Scan# 3143  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:228 Resp: 1498271  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.4 33.6  
229 20.4 16.1 24.1

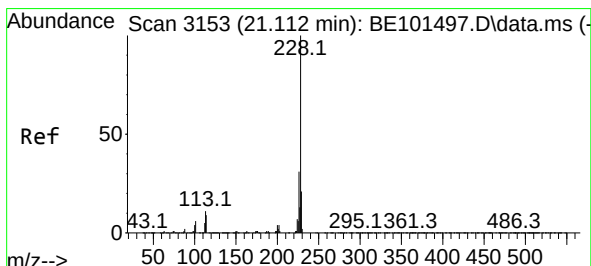
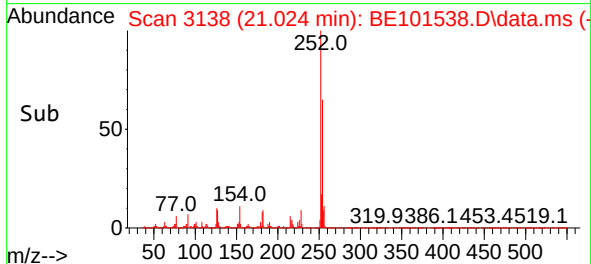
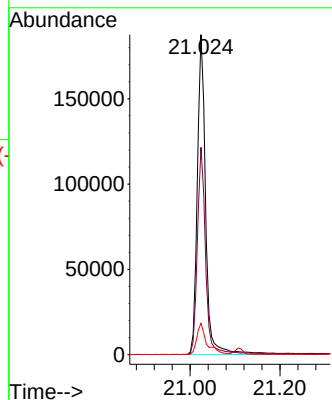
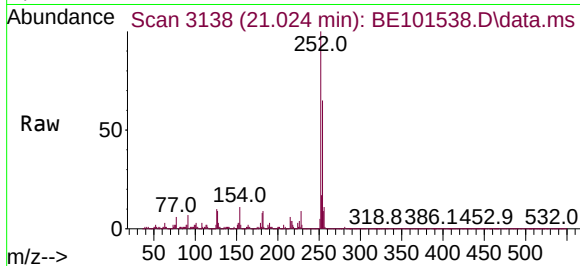




#82  
3,3'-Dichlorobenzidine  
Concen: 26.381 ng  
RT: 21.024 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

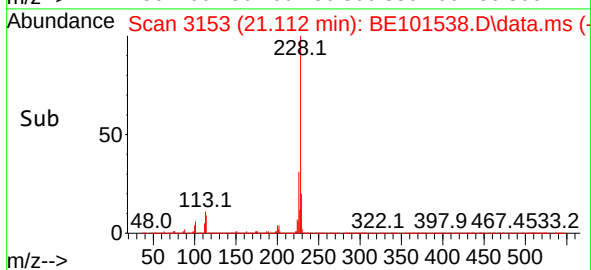
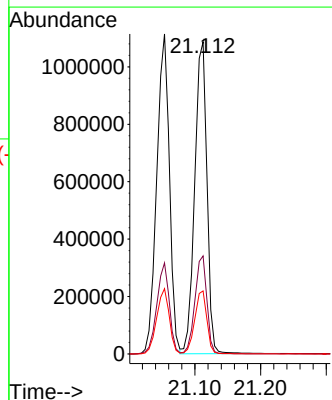
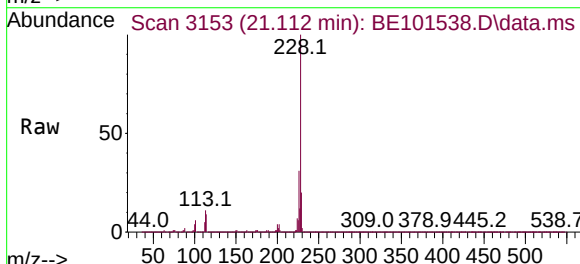
Instrument :  
BNA\_E  
ClientSampleId :  
BP-G5-WCMSD

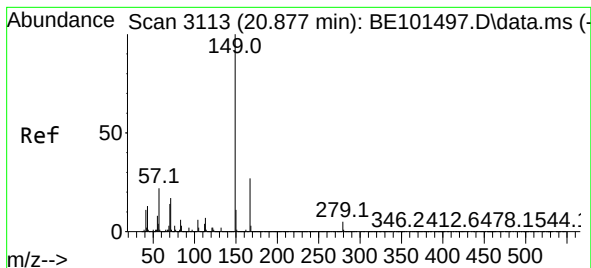
Tgt Ion:252 Resp: 242319  
Ion Ratio Lower Upper  
252 100  
254 64.8 52.9 79.3  
126 9.8 7.8 11.6



#83  
Chrysene  
Concen: 63.525 ng  
RT: 21.112 min Scan# 3153  
Delta R.T. 0.000 min  
Lab File: BE101538.D  
Acq: 7 Nov 2024 19:15

Tgt Ion:228 Resp: 1408919  
Ion Ratio Lower Upper  
228 100  
226 31.4 25.1 37.7  
229 20.2 16.4 24.6

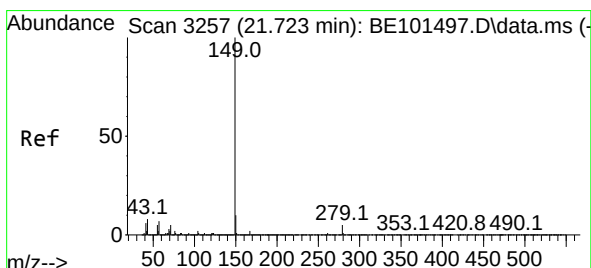
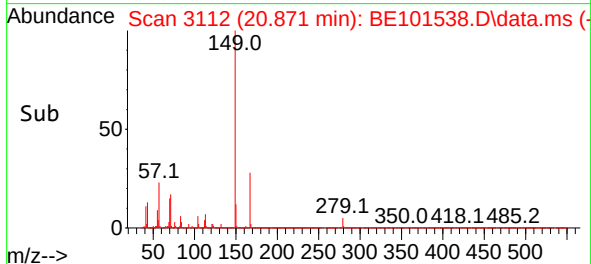
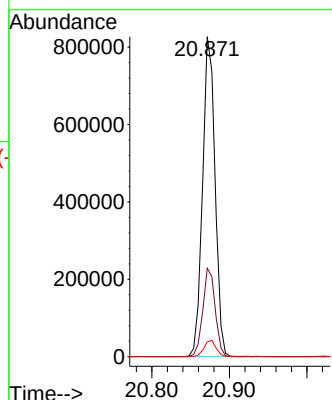
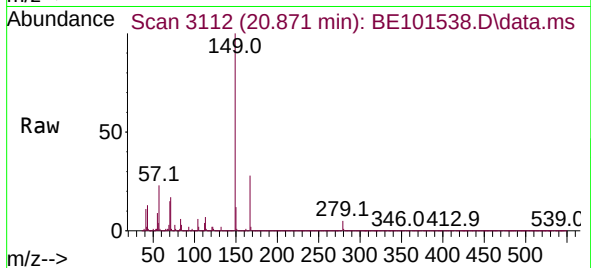




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 60.726 ng  
 RT: 20.871 min Scan# 3113  
 Delta R.T. -0.006 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

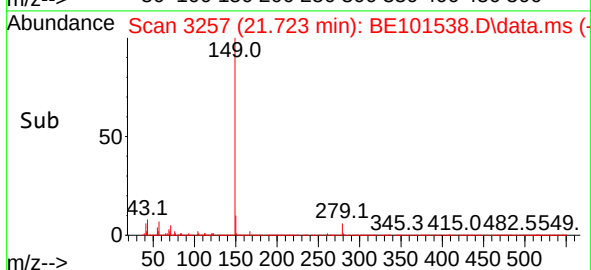
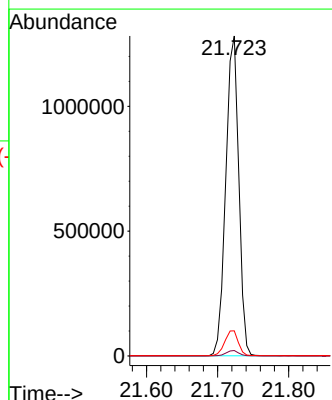
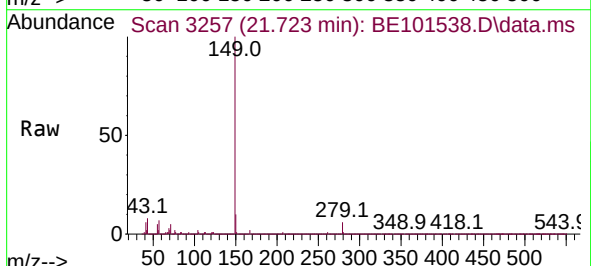
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-G5-WCMSD

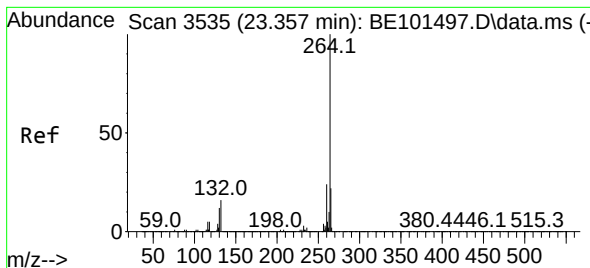
Tgt Ion:149 Resp: 922342  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.8 32.6  
 279 4.6 3.8 5.6



#85  
 Di-n-octyl phthalate  
 Concen: 62.986 ng  
 RT: 21.723 min Scan# 3257  
 Delta R.T. 0.000 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

Tgt Ion:149 Resp: 1618445  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.3 1.9  
 43 8.1 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.357 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

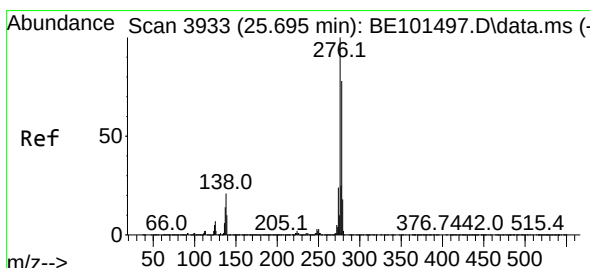
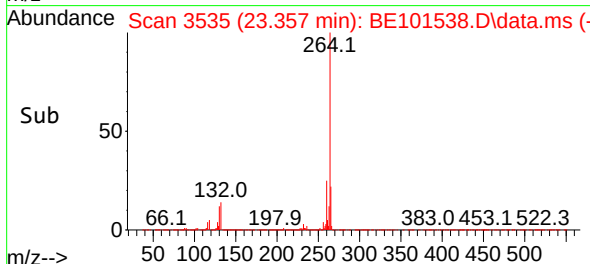
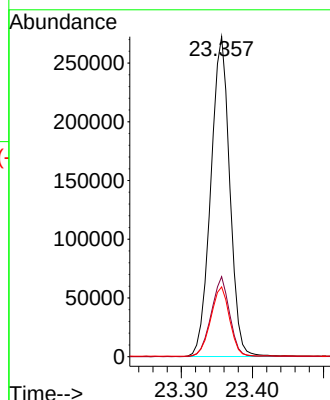
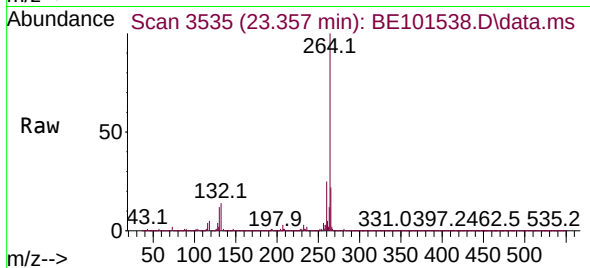
Tgt Ion:264 Resp: 504648

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.8 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 64.910 ng

RT: 25.701 min Scan# 3934

Delta R.T. 0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

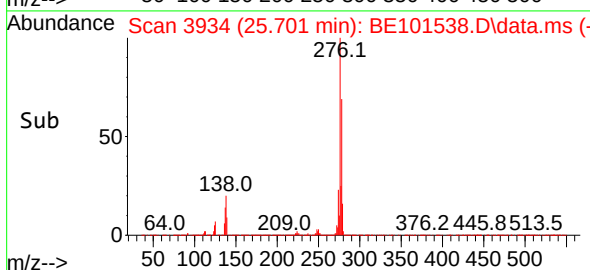
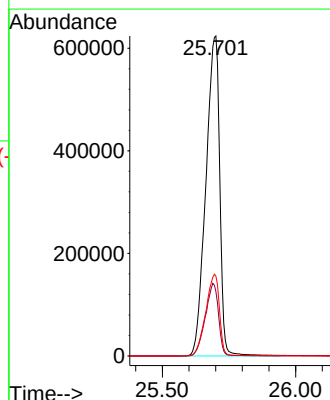
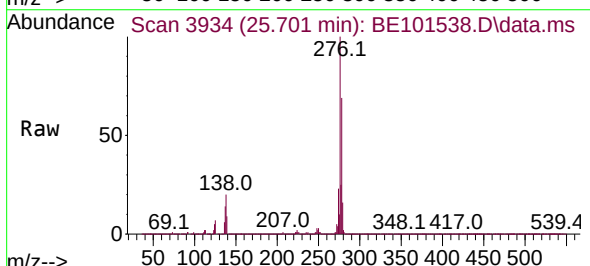
Tgt Ion:276 Resp: 2251046

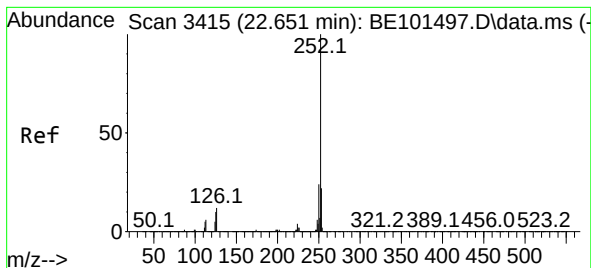
Ion Ratio Lower Upper

276 100

138 21.5 17.0 25.6

277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 59.808 ng

RT: 22.652 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

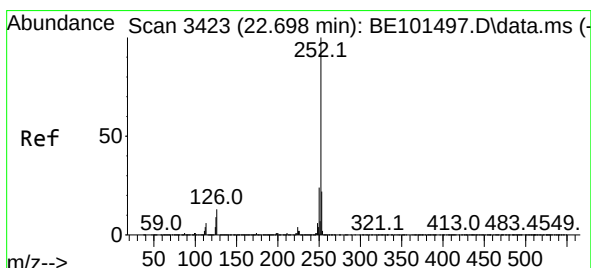
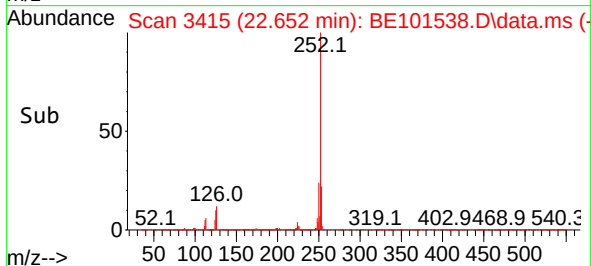
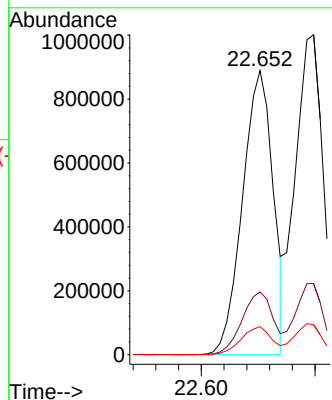
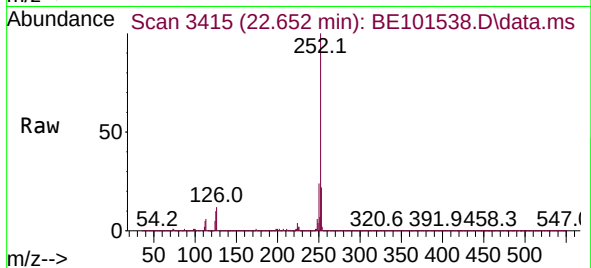
Tgt Ion:252 Resp: 1655906

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.8 7.8 11.8



#89

Benzo(k)fluoranthene

Concen: 68.483 ng

RT: 22.699 min Scan# 3423

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

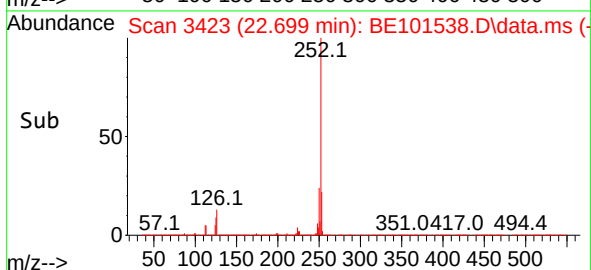
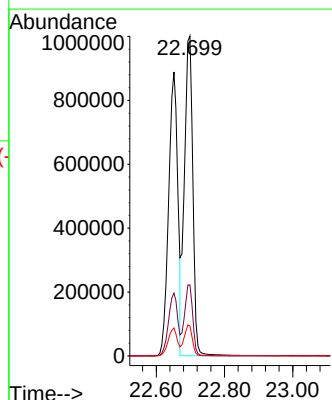
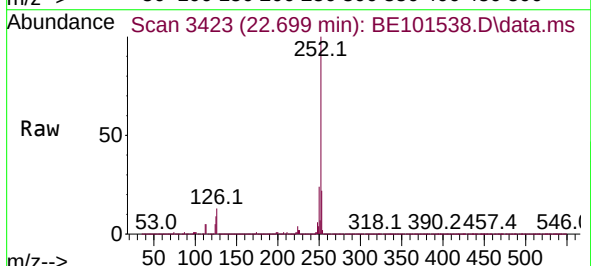
Tgt Ion:252 Resp: 1721247

Ion Ratio Lower Upper

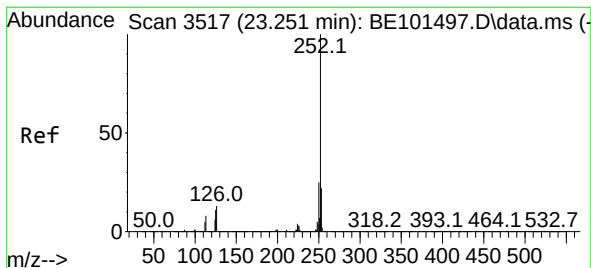
252 100

253 22.2 17.9 26.9

125 9.4 7.7 11.5







#90

Benzo(a)pyrene

Concen: 66.959 ng

RT: 23.251 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

Instrument :

BNA\_E

ClientSampleId :

BP-G5-WCMSD

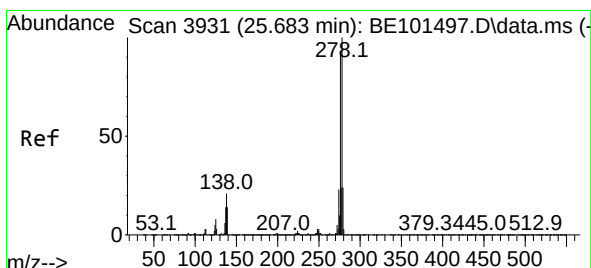
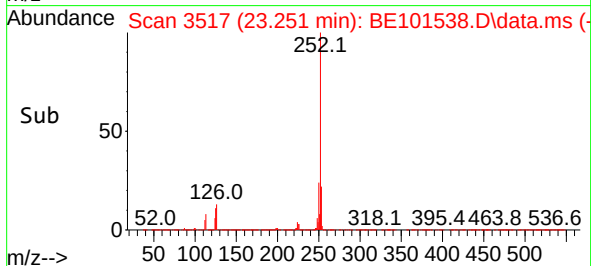
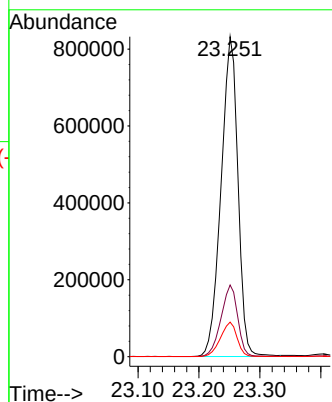
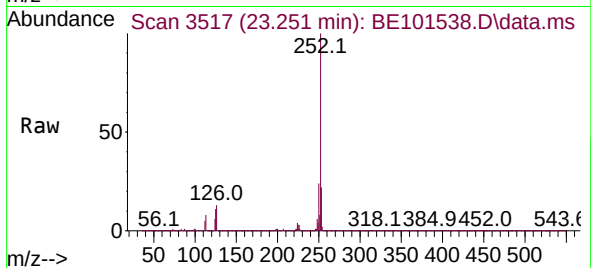
Tgt Ion:252 Resp: 1600535

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.8 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 64.677 ng

RT: 25.689 min Scan# 3932

Delta R.T. 0.006 min

Lab File: BE101538.D

Acq: 7 Nov 2024 19:15

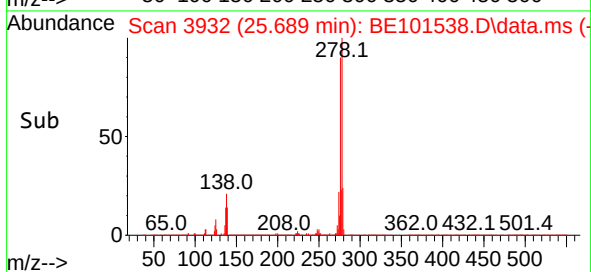
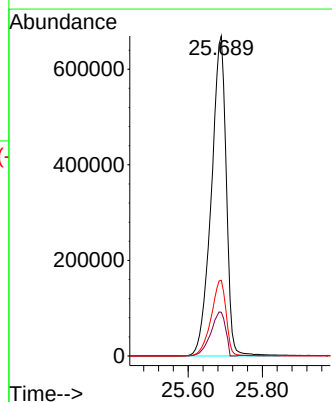
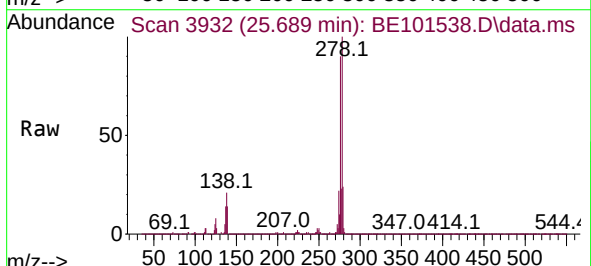
Tgt Ion:278 Resp: 1867969

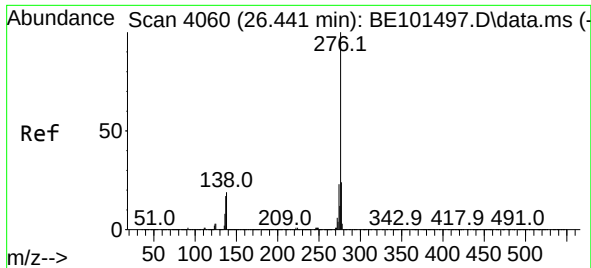
Ion Ratio Lower Upper

278 100

139 13.7 11.2 16.8

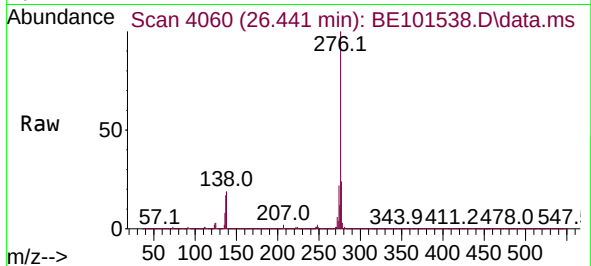
279 23.6 19.1 28.7





#92  
 Benzo(g,h,i)perylene  
 Concen: 58.239 ng  
 RT: 26.441 min Scan# 4060  
 Delta R.T. 0.000 min  
 Lab File: BE101538.D  
 Acq: 7 Nov 2024 19:15

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-G5-WCMSD



Tgt Ion:276 Resp: 1708878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.2  | 19.5  | 29.3  |
| 138 | 19.2  | 15.3  | 22.9  |

