

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040122\  
 Data File : BP009663.D  
 Acq On : 01 Apr 2022 18:04  
 Operator : CG/JU  
 Sample : N2220-11MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A04100MSD

Quant Time: Apr 01 22:45:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 04:36:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 254234   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.522 | 136  | 967679   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.381 | 164  | 565916   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.145 | 188  | 1119608  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.263 | 240  | 1064538  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.639 | 264  | 1223725  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 1744246  | 119.785 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.922  | 99   | 2170831  | 110.237 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.887  | 82   | 1370156  | 75.243  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.886 | 330  | 845425   | 90.530  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.998 | 172  | 2972963  | 72.827  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.727 | 244  | 4045461  | 68.209  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.258  | 88   | 267269   | 46.340  | ng    | 97       |
| 3) Pyridine                   | 3.652  | 79   | 727745   | 46.849  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.564  | 42   | 313089   | 54.728  | ng    | 96       |
| 6) Aniline                    | 7.063  | 93   | 852883   | 38.001  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.299  | 128  | 825106   | 49.692  | ng    | 99       |
| 9) Benzaldehyde               | 6.875  | 77   | 387703   | 41.401  | ng    | 99       |
| 10) Phenol                    | 6.952  | 94   | 1010947  | 51.171  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.158  | 93   | 768840   | 49.173  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.616  | 146  | 901691   | 48.114  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.763  | 146  | 914492   | 47.727  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 876262   | 47.314  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.981  | 79   | 696699   | 44.374  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.263  | 45   | 882726   | 52.082  | ng    | 97       |
| 17) 2-Methylphenol            | 8.193  | 107  | 653615   | 48.010  | ng    | 99       |
| 18) Hexachloroethane          | 8.799  | 117  | 329876   | 49.124  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.540  | 70   | 577009   | 46.326  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.522  | 107  | 874715   | 46.727  | ng    | 98       |
| 22) Acetophenone              | 8.557  | 105  | 1145664  | 47.834  | ng    | # 98     |
| 24) Nitrobenzene              | 8.928  | 77   | 869896   | 50.569  | ng    | 99       |
| 25) Isophorone                | 9.463  | 82   | 1594614  | 51.338  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.640  | 139  | 429234   | 47.871  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 724161   | 57.235  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.940  | 93   | 972692   | 48.095  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.187 | 162  | 729542   | 47.271  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.387 | 180  | 809677   | 45.283  | ng    | 99       |
| 31) Naphthalene               | 10.569 | 128  | 2351996  | 47.186  | ng    | 100      |
| 32) Benzoic acid              | 9.922  | 122  | 472443   | 47.760  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.698 | 127  | 359746   | 17.687  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.857 | 225  | 520442   | 42.958  | ng    | 100      |
| 35) Caprolactam               | 11.493 | 113  | 217076   | 41.677  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.845 | 107  | 732717   | 44.183  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.193 | 142  | 1610599  | 46.052  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.410 | 142  | 1529193  | 44.884  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 885889   | 47.181  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.545 | 237  | 539508   | 67.283  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.816 | 196  | 581527   | 46.726  | ng    | 100      |

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 ALS Vial : 13 Sample Multiplier: 1

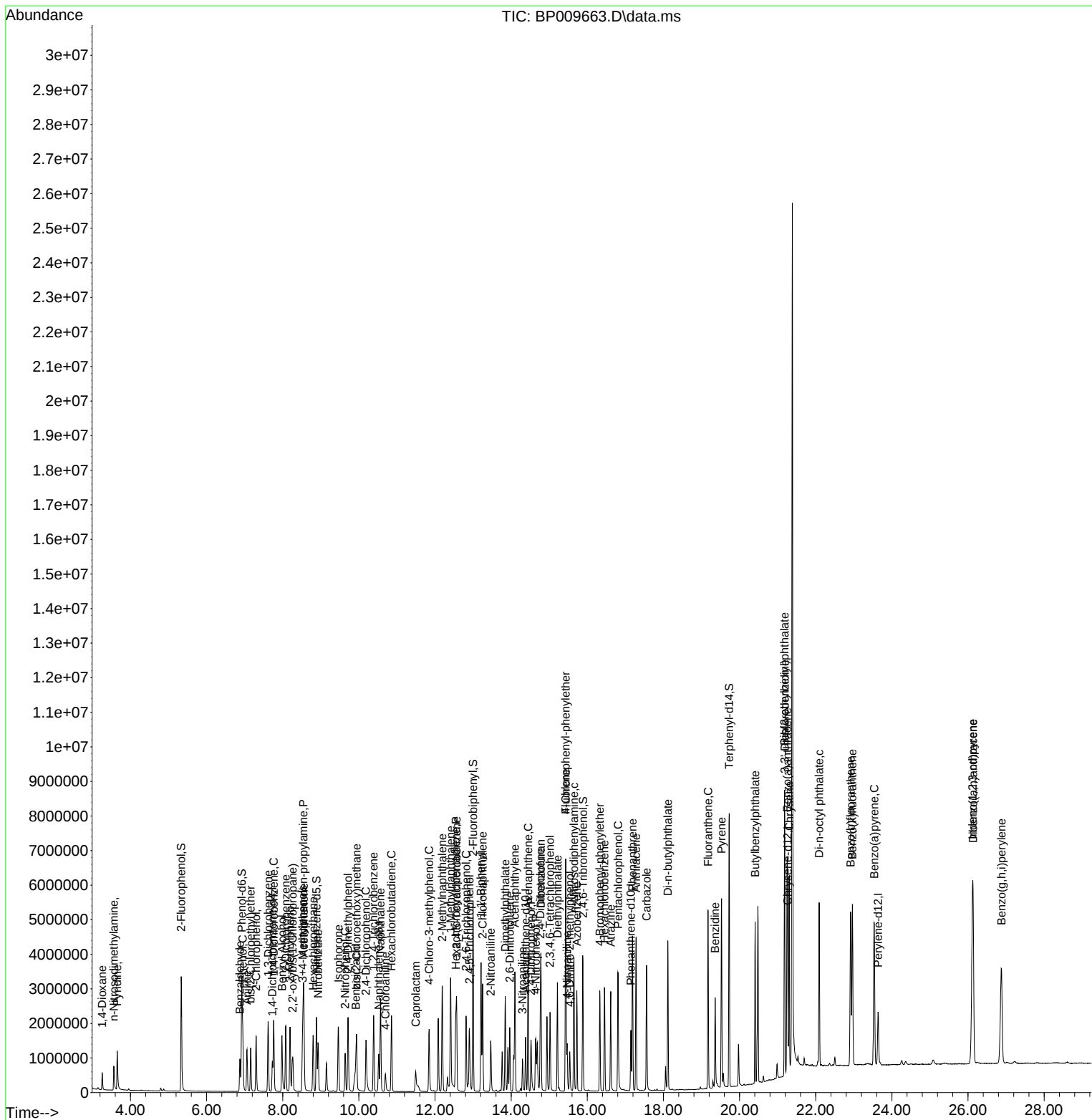
Instrument :  
 BNA\_P  
 ClientSampleId :  
 A04100MSD

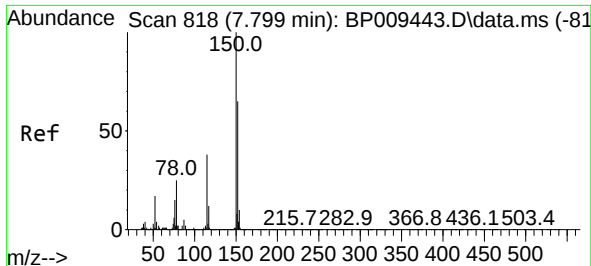
Quant Time: Apr 01 22:45:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.904 | 196  | 619466   | 45.836 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 2042968  | 48.391 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 1597390  | 48.059 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.463 | 65   | 454267   | 50.180 | ng    | 99       |
| 49) Acenaphthylene            | 14.098 | 152  | 2604722  | 50.764 | ng    | 100      |
| 50) Dimethylphthalate         | 13.845 | 163  | 1929395  | 44.994 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.963 | 165  | 426668   | 47.489 | ng    | 98       |
| 52) Acenaphthene              | 14.445 | 154  | 1463013  | 47.731 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.298 | 138  | 278040   | 29.299 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.522 | 184  | 437241   | 78.414 | ng    | 97       |
| 55) Dibenzofuran              | 14.781 | 168  | 2340969  | 45.462 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.645 | 139  | 636352   | 89.960 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.769 | 165  | 574156   | 46.476 | ng    | 94       |
| 58) Fluorene                  | 15.434 | 166  | 1851833  | 45.727 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 513431   | 41.905 | ng    | 95       |
| 60) Diethylphthalate          | 15.216 | 149  | 1903439  | 44.351 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.434 | 204  | 966469   | 43.322 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 431873   | 43.334 | ng    | 96       |
| 63) Azobenzene                | 15.728 | 77   | 1797208  | 48.139 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 298408   | 41.449 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.651 | 169  | 1619500  | 48.880 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.328 | 248  | 608906   | 44.445 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.451 | 284  | 690210   | 43.774 | ng    | 99       |
| 69) Atrazine                  | 16.616 | 200  | 584947   | 50.215 | ng    | 99       |
| 70) Pentachlorophenol         | 16.810 | 266  | 745262   | 88.420 | ng    | 98       |
| 71) Phenanthrene              | 17.186 | 178  | 2837034  | 47.337 | ng    | 100      |
| 72) Anthracene                | 17.281 | 178  | 2899195  | 48.995 | ng    | 100      |
| 73) Carbazole                 | 17.557 | 167  | 2637693  | 45.580 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.116 | 149  | 3208818  | 47.318 | ng    | 99       |
| 75) Fluoranthene              | 19.175 | 202  | 3297723  | 45.450 | ng    | 98       |
| 77) Benzidine                 | 19.357 | 184  | 1784331  | 68.383 | ng    | 100      |
| 78) Pyrene                    | 19.527 | 202  | 3370707  | 48.051 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.410 | 149  | 1405499  | 47.139 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.251 | 228  | 3330701  | 47.623 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.186 | 252  | 1155247  | 42.758 | ng    | 99       |
| 83) Chrysene                  | 21.304 | 228  | 3110815  | 46.972 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.180 | 149  | 2011246  | 48.395 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.092 | 149  | 3477224  | 48.542 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.121 | 276  | 4468144  | 48.127 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.916 | 252  | 3552962  | 48.635 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.963 | 252  | 3517663  | 49.180 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.539 | 252  | 3557701  | 56.921 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.133 | 278  | 3901932  | 50.428 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.880 | 276  | 3911786  | 51.390 | ng    | 96       |

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

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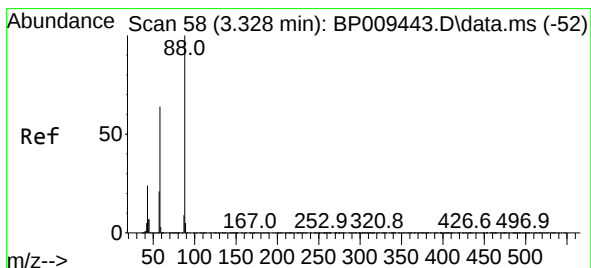
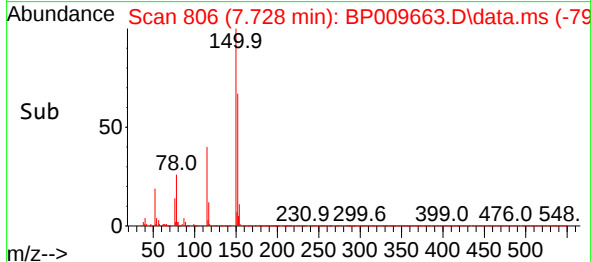
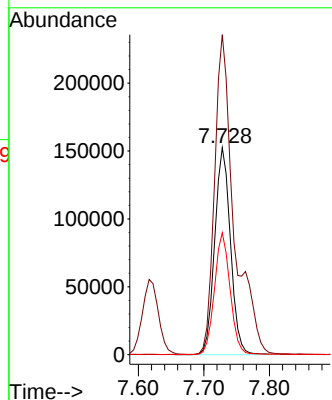
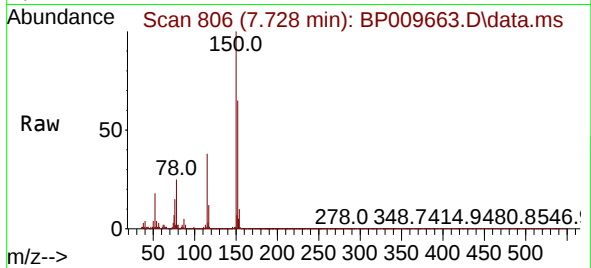




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.728 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

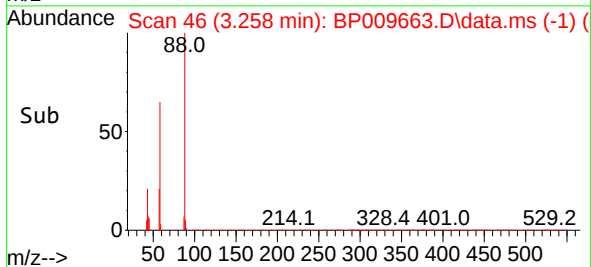
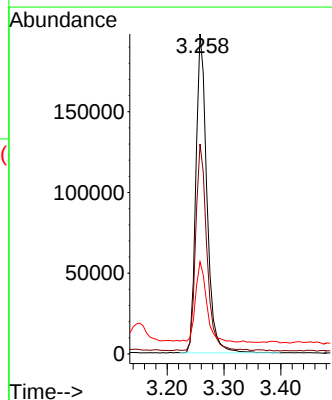
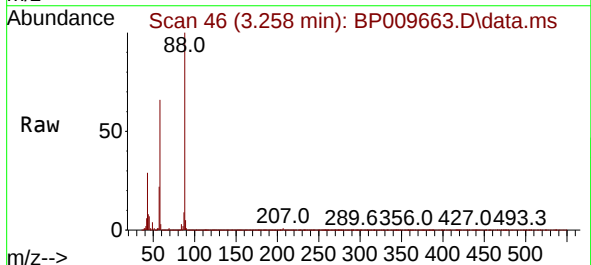
Instrument :  
BNA\_P  
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A04100MSD

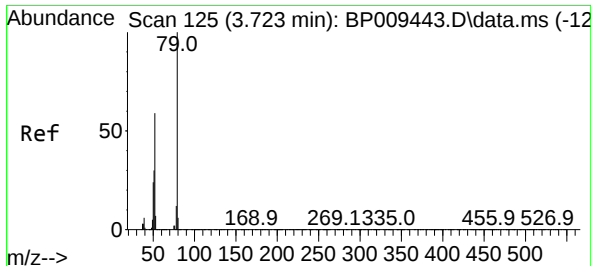
Tgt Ion:152 Resp: 254234  
Ion Ratio Lower Upper  
152 100  
150 154.6 124.5 186.7  
115 58.9 48.2 72.4



#2  
1,4-Dioxane  
Concen: 46.340 ng  
RT: 3.258 min Scan# 46  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 88 Resp: 267269  
Ion Ratio Lower Upper  
88 100  
58 64.8 54.2 81.2  
43 25.2 20.4 30.6





#3

Pyridine

Concen: 46.849 ng

RT: 3.652 min Scan# 113

Delta R.T. -0.006 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

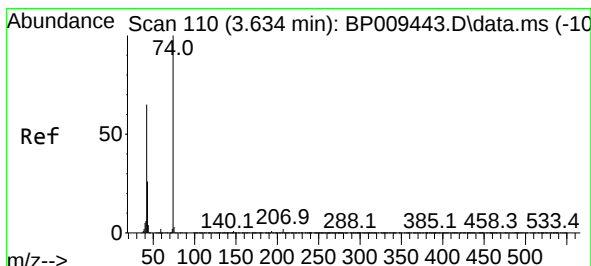
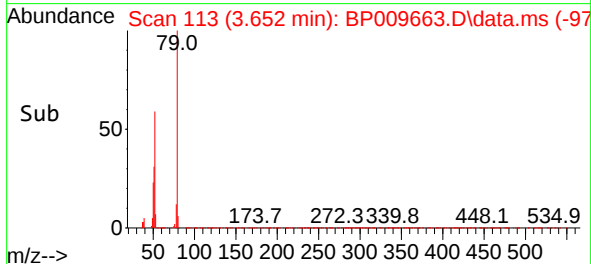
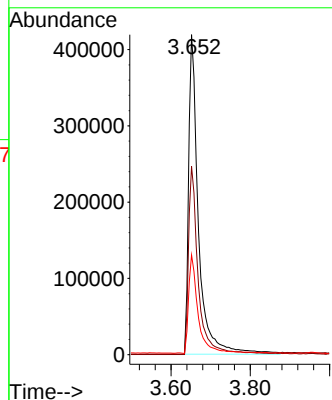
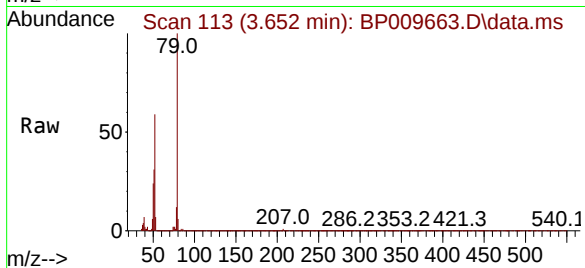
Tgt Ion: 79 Resp: 727745

Ion Ratio Lower Upper

79 100

52 58.9 47.5 71.3

51 31.2 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 54.728 ng

RT: 3.564 min Scan# 98

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

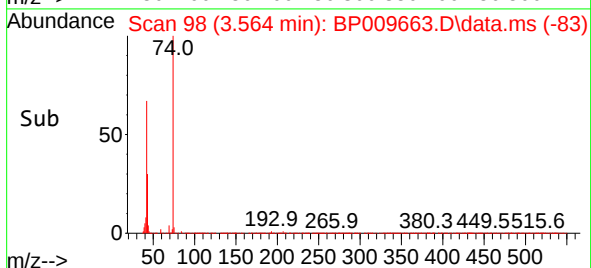
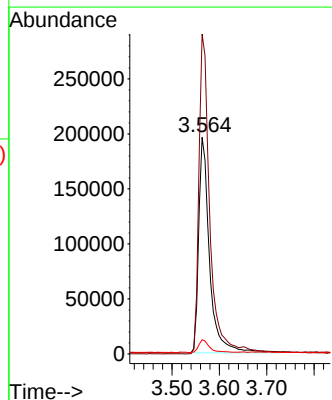
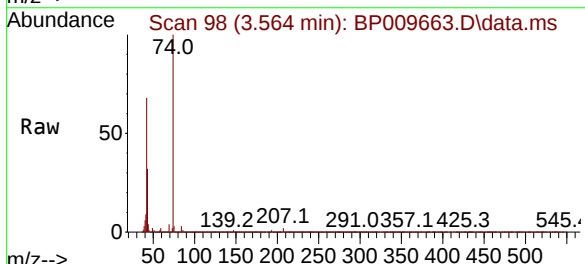
Tgt Ion: 42 Resp: 313089

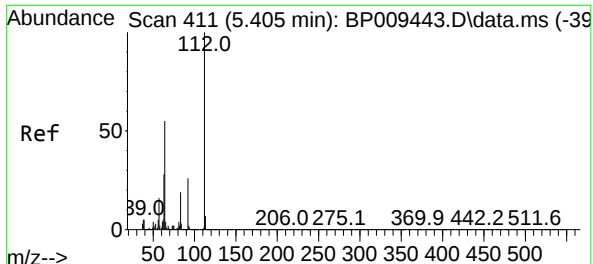
Ion Ratio Lower Upper

42 100

74 147.7 122.1 183.1

44 6.6 5.8 8.8

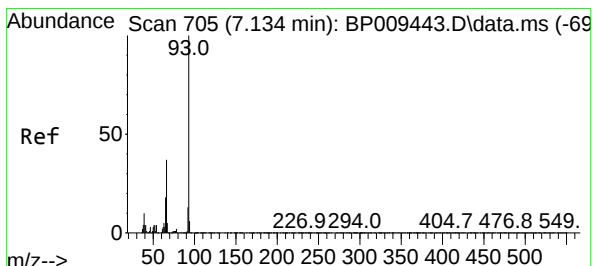
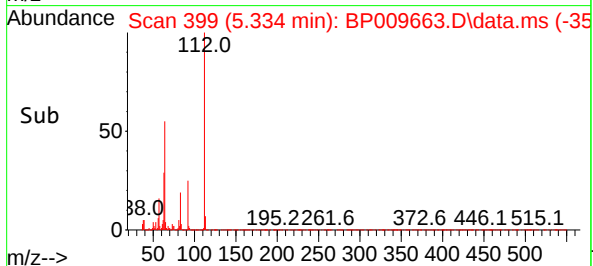
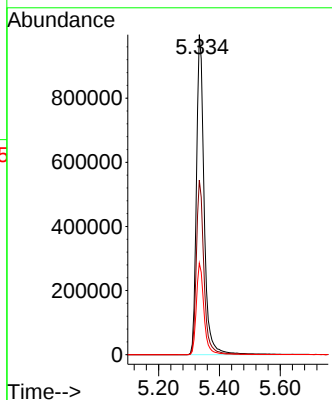
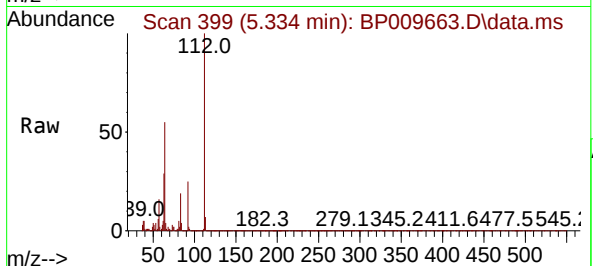




#5  
2-Fluorophenol  
Concen: 119.785 ng  
RT: 5.334 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

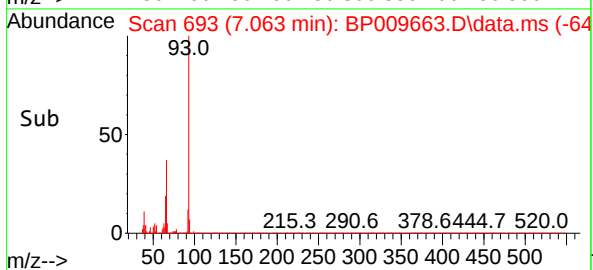
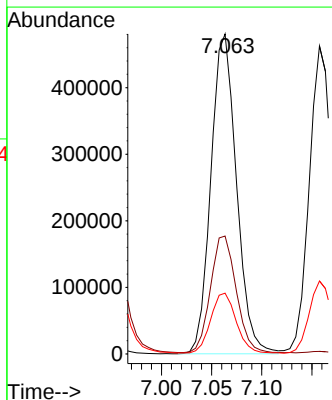
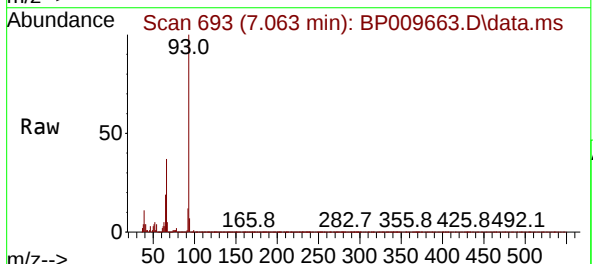
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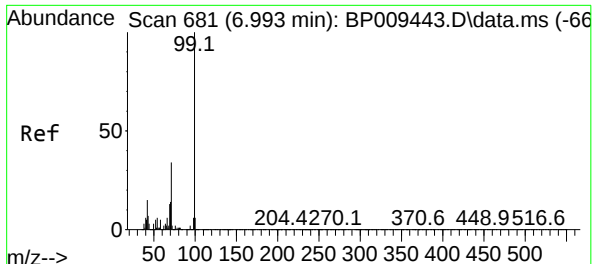
Tgt Ion:112 Resp: 1744246  
Ion Ratio Lower Upper  
112 100  
64 54.6 45.0 67.4  
63 28.6 23.0 34.6



#6  
Aniline  
Concen: 38.001 ng  
RT: 7.063 min Scan# 693  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 93 Resp: 852883  
Ion Ratio Lower Upper  
93 100  
66 36.8 30.9 46.3  
65 19.0 15.8 23.8

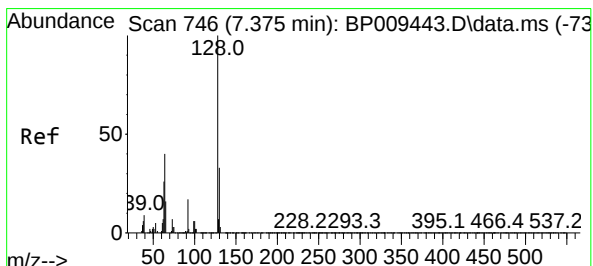
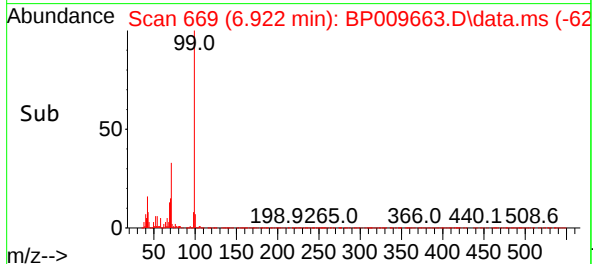
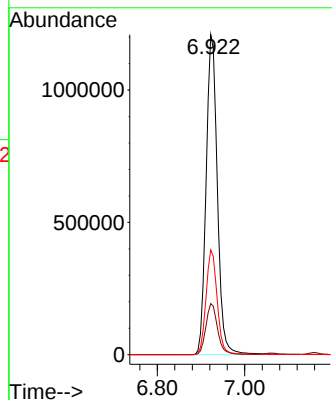
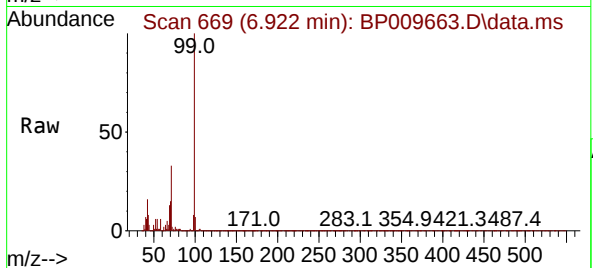




#7  
Phenol-d6  
Concen: 110.237 ng  
RT: 6.922 min Scan# 610  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

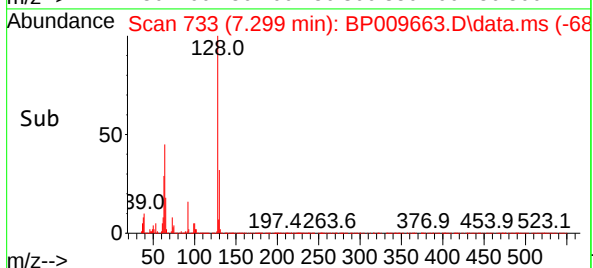
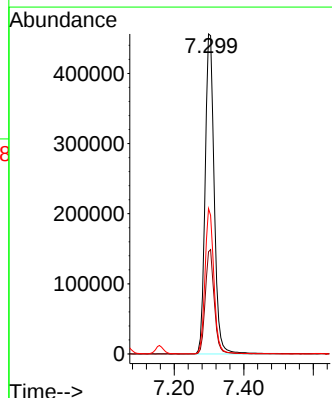
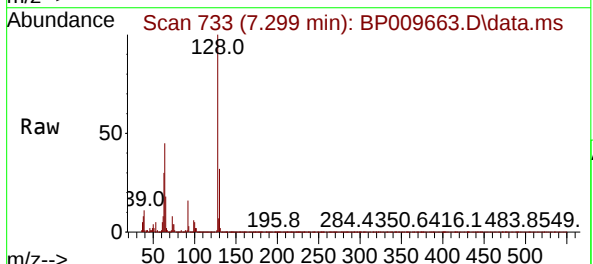
Instrument :  
BNA\_P  
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Tgt Ion: 99 Resp: 2170831  
Ion Ratio Lower Upper  
99 100  
42 15.9 12.8 19.2  
71 32.8 26.3 39.5



#8  
2-Chlorophenol  
Concen: 49.692 ng  
RT: 7.299 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:128 Resp: 825106  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.5 52.5  
64 45.5 26.2 66.2

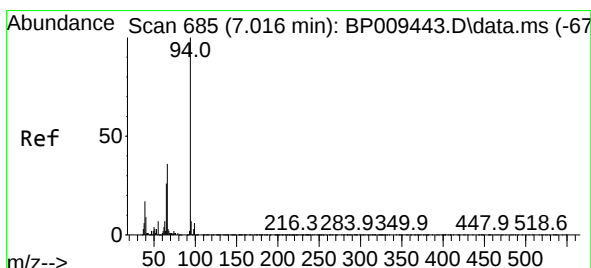
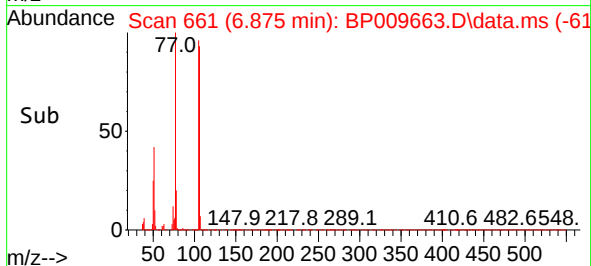
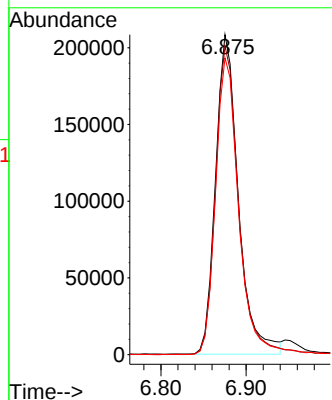
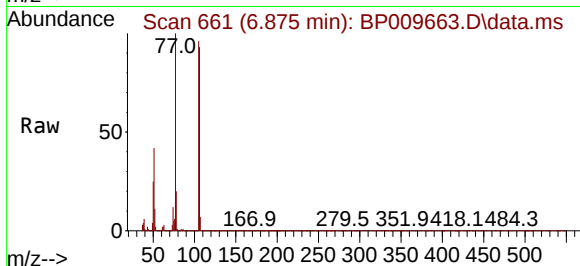




#9  
Benzaldehyde  
Concen: 41.401 ng  
RT: 6.875 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

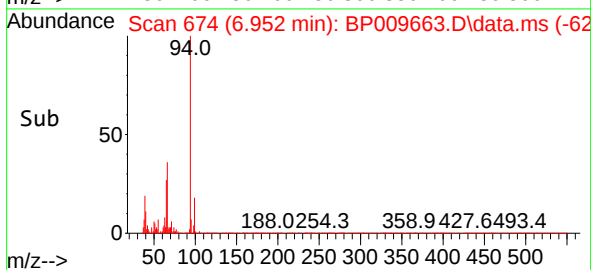
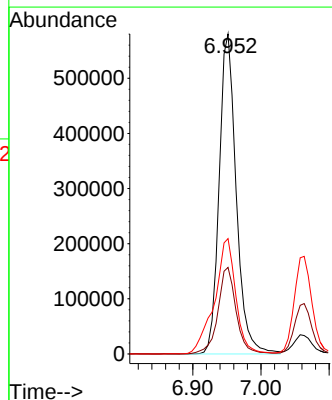
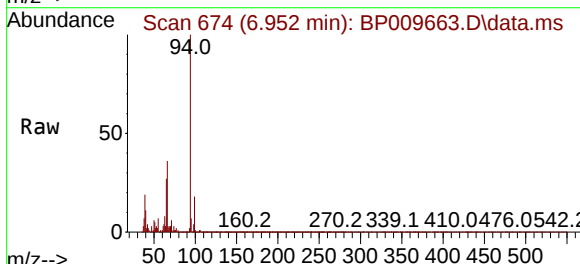
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

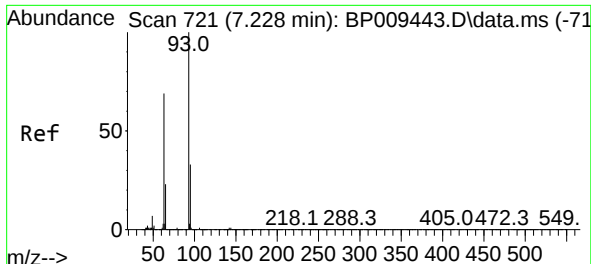
Tgt Ion: 77 Resp: 387703  
Ion Ratio Lower Upper  
77 100  
105 96.4 75.2 115.2  
106 92.8 72.3 112.3



#10  
Phenol  
Concen: 51.171 ng  
RT: 6.952 min Scan# 674  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 94 Resp: 1010947  
Ion Ratio Lower Upper  
94 100  
65 27.1 7.2 47.2  
66 36.0 14.3 54.3

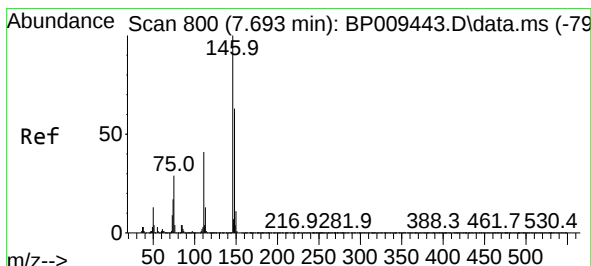
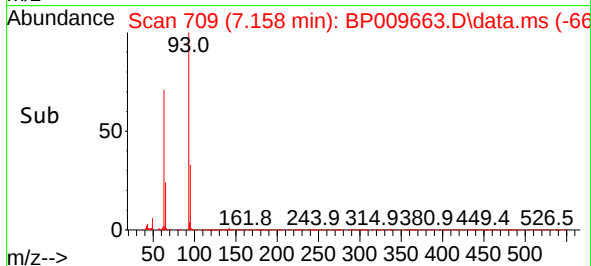
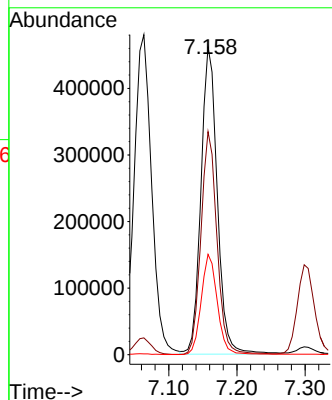
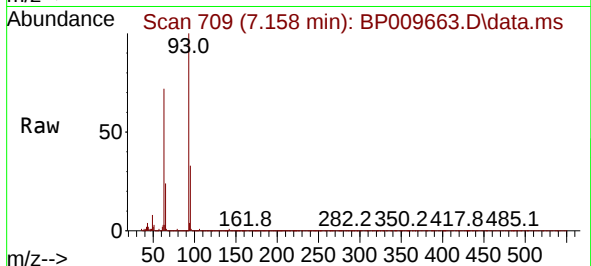




#11  
bis(2-Chloroethyl)ether  
Concen: 49.173 ng  
RT: 7.158 min Scan# 709  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

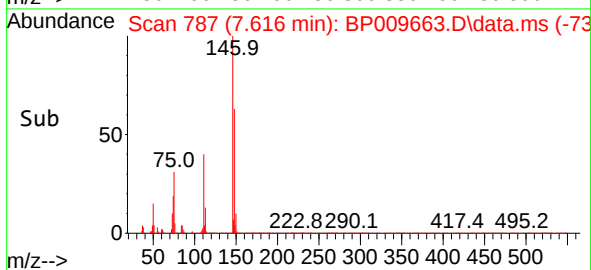
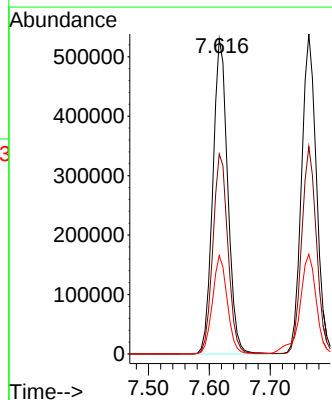
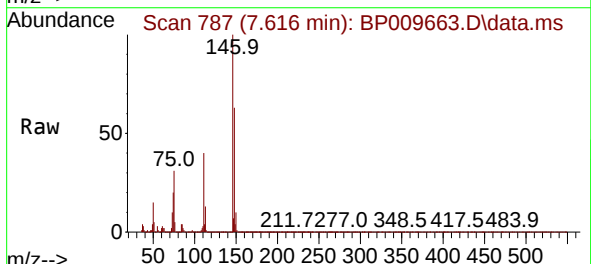
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

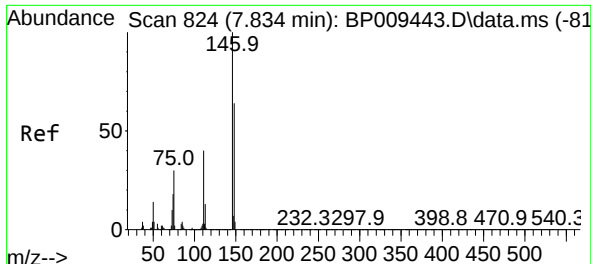
Tgt Ion: 93 Resp: 768840  
Ion Ratio Lower Upper  
93 100  
63 72.4 53.5 93.5  
95 32.6 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 48.114 ng  
RT: 7.616 min Scan# 787  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 146 Resp: 901691  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.4 77.0  
75 31.3 25.3 37.9

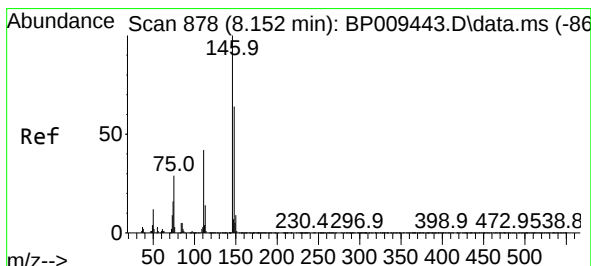
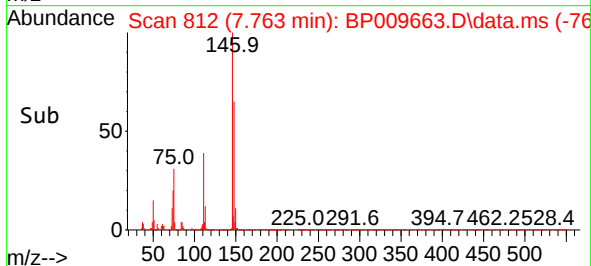
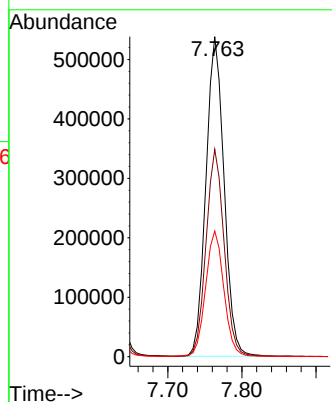
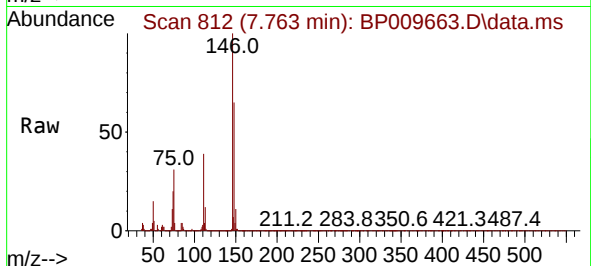




#13  
1,4-Dichlorobenzene  
Concen: 47.727 ng  
RT: 7.763 min Scan# 811  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

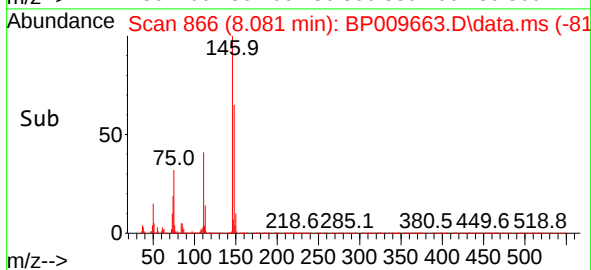
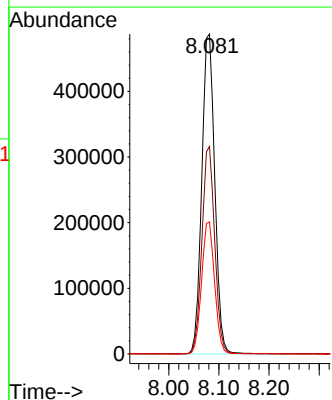
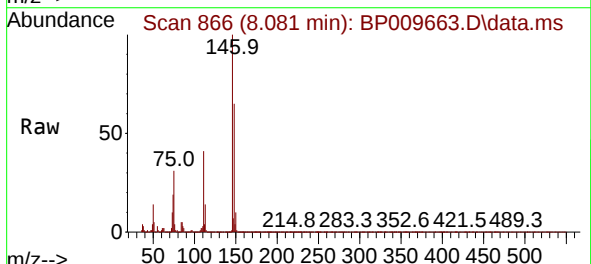
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

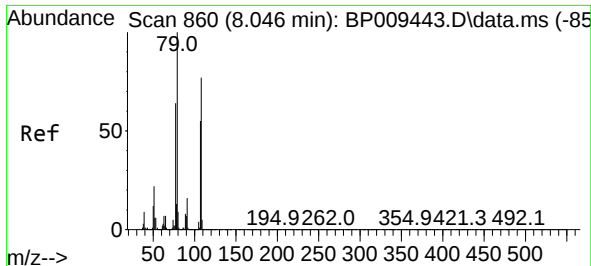
Tgt Ion:146 Resp: 914492  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.1 76.7  
111 39.2 32.1 48.1



#14  
1,2-Dichlorobenzene  
Concen: 47.314 ng  
RT: 8.081 min Scan# 866  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:146 Resp: 876262  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.9 76.3  
111 41.2 34.1 51.1

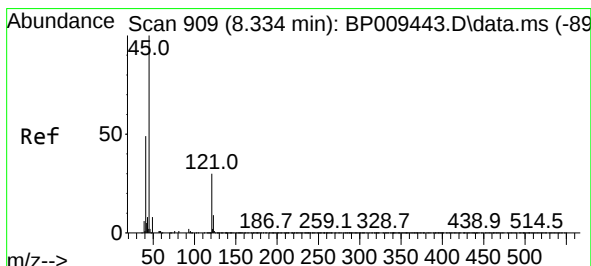
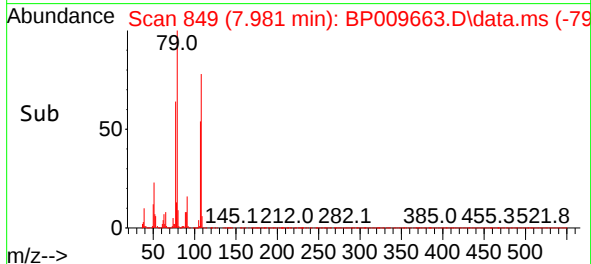
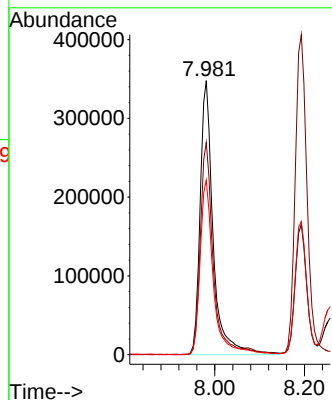
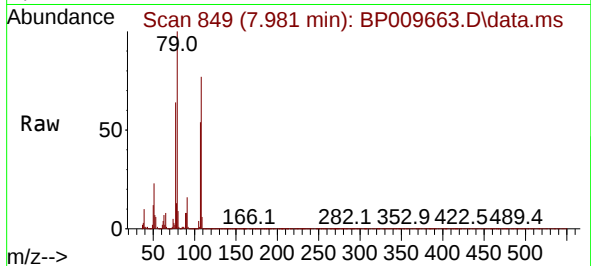




#15  
Benzyl Alcohol  
Concen: 44.374 ng  
RT: 7.981 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

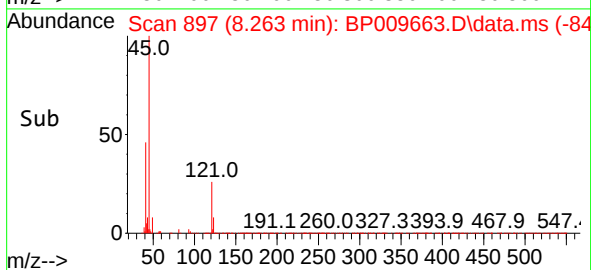
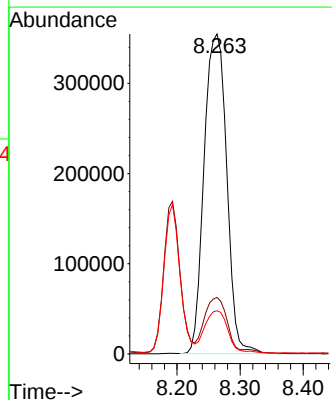
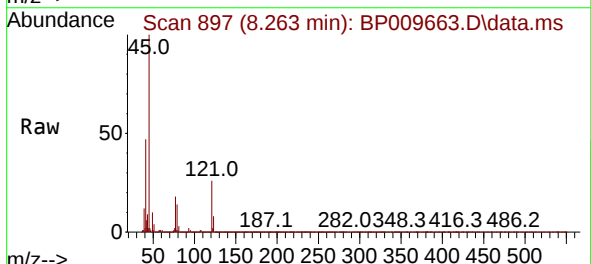
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

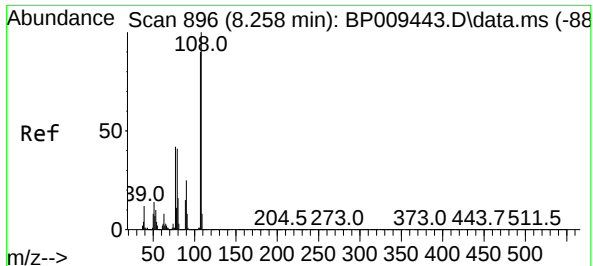
Tgt Ion: 79 Resp: 696699  
Ion Ratio Lower Upper  
79 100  
108 77.5 62.5 93.7  
77 63.7 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.082 ng  
RT: 8.263 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 45 Resp: 882726  
Ion Ratio Lower Upper  
45 100  
77 17.6 0.0 36.5  
79 13.5 0.0 32.4

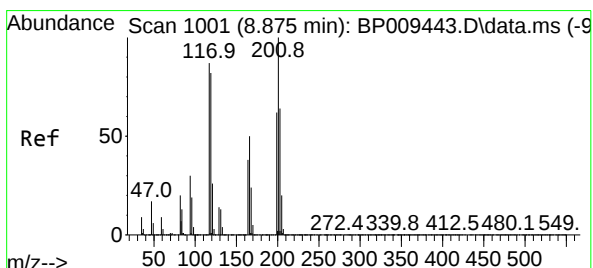
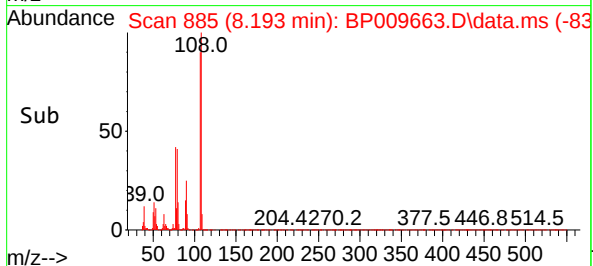
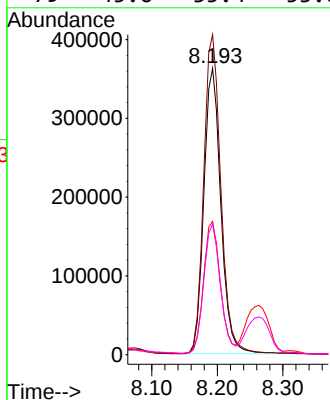
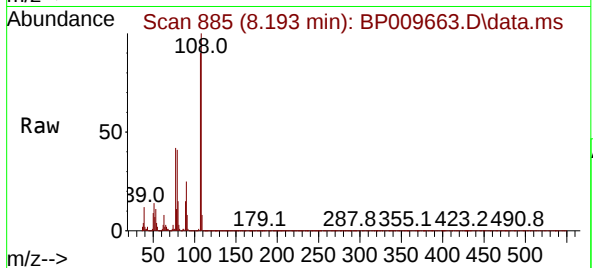




#17  
2-Methylphenol  
Concen: 48.010 ng  
RT: 8.193 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

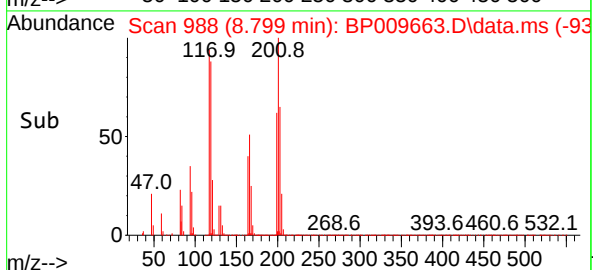
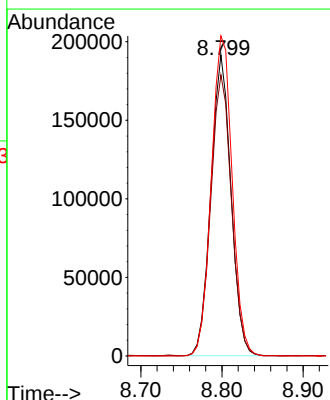
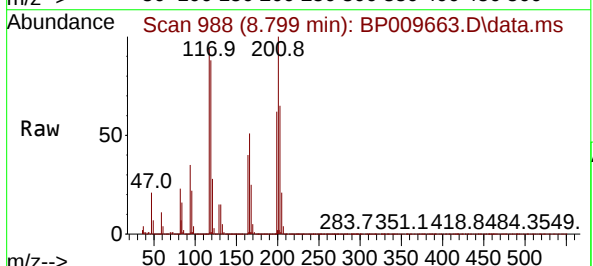
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

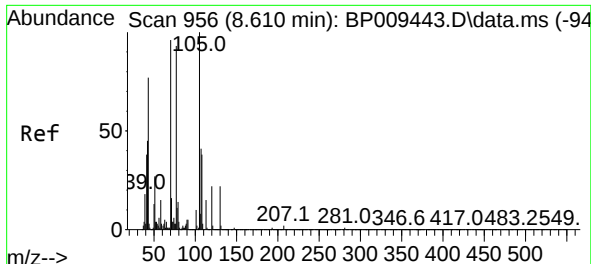
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 653615 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.7 | 90.2  | 135.2  |
| 77       | 46.6  | 36.3  | 54.5   |
| 79       | 45.6  | 35.4  | 53.0   |



#18  
Hexachloroethane  
Concen: 49.124 ng  
RT: 8.799 min Scan# 988  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 329876 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.4  | 76.4  | 114.6  |
| 201      | 106.3 | 83.4  | 125.2  |

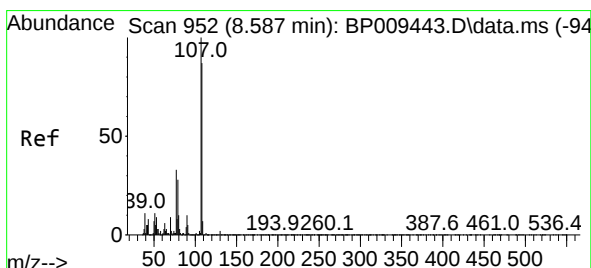
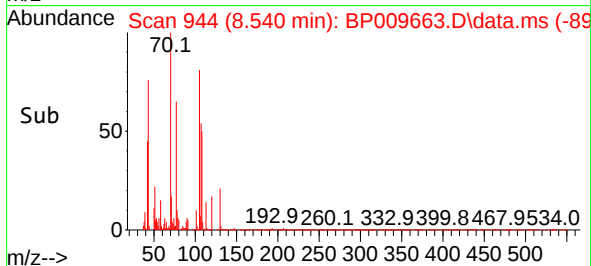
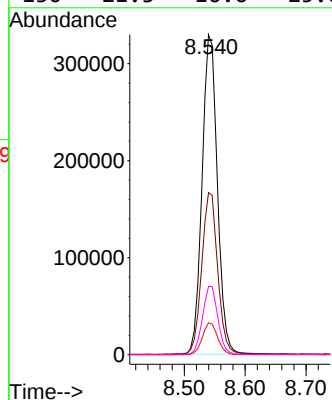
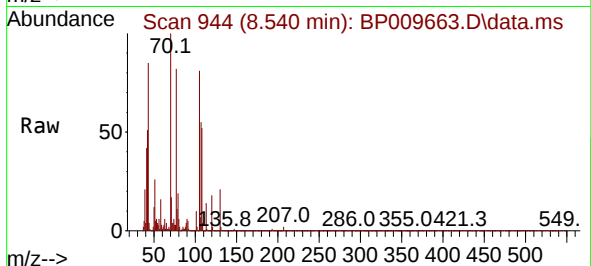




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.326 ng  
RT: 8.540 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

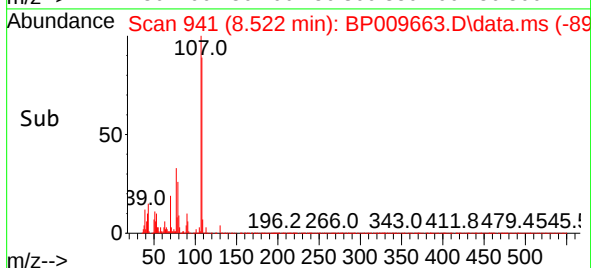
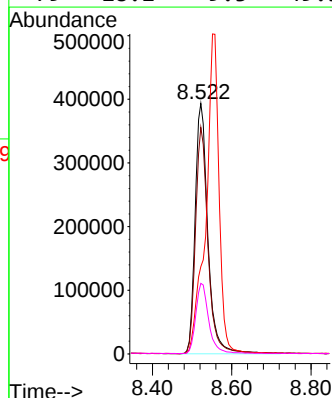
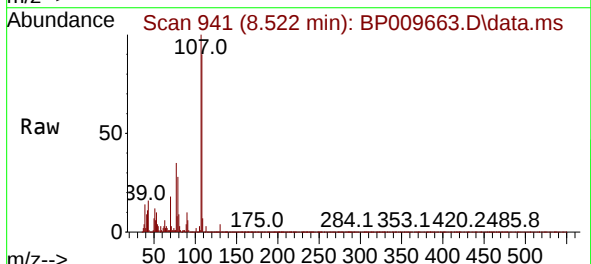
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

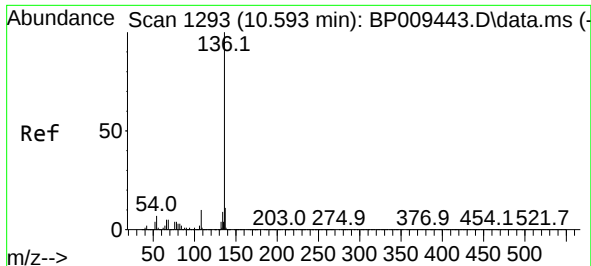
Tgt Ion: 70 Resp: 577009  
Ion Ratio Lower Upper  
70 100  
42 50.7 41.0 61.4  
101 10.0 7.9 11.9  
130 21.3 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 46.727 ng  
RT: 8.522 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 107 Resp: 874715  
Ion Ratio Lower Upper  
107 100  
108 90.5 69.4 109.4  
77 34.9 13.6 53.6  
79 28.2 9.3 49.3

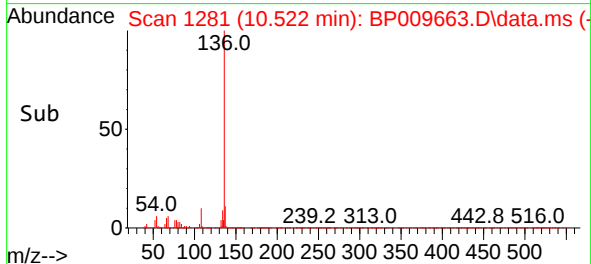
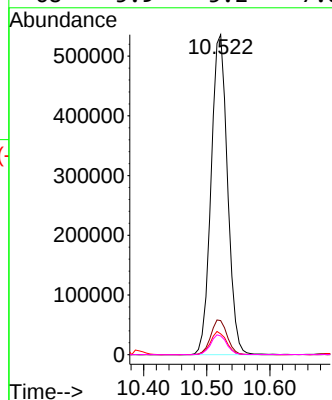
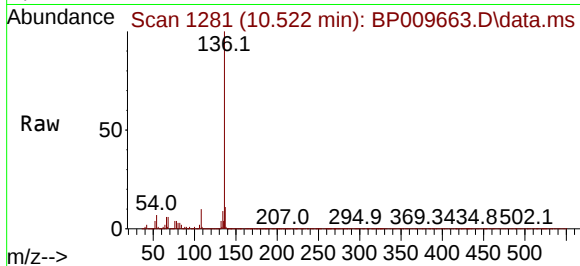




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.522 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

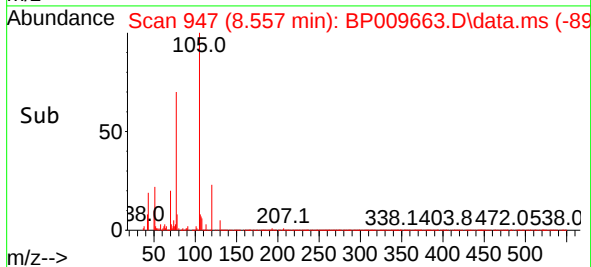
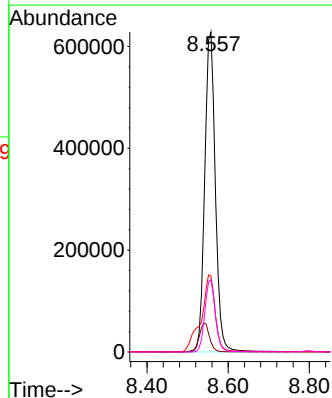
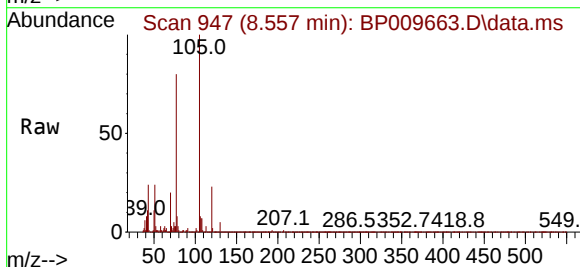
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

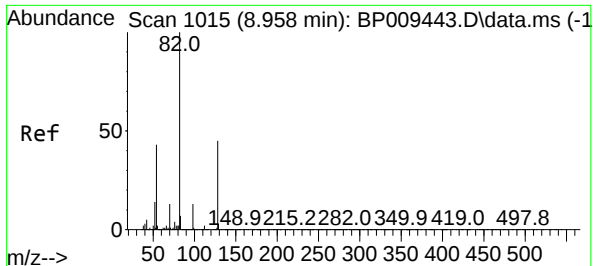
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 967679 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.6   | 12.8   |
| 54       | 6.5   | 5.8   | 8.8    |
| 68       | 5.9   | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 47.834 ng  
RT: 8.557 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1145664 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 3.2   | 5.5   | 8.3#    |
| 51       | 23.8  | 18.9  | 28.3    |
| 120      | 22.6  | 18.1  | 27.1    |





#23

Nitrobenzene-d5

Concen: 75.243 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

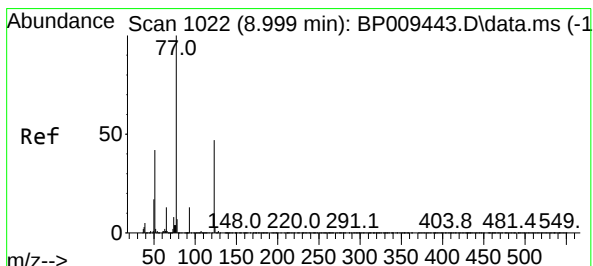
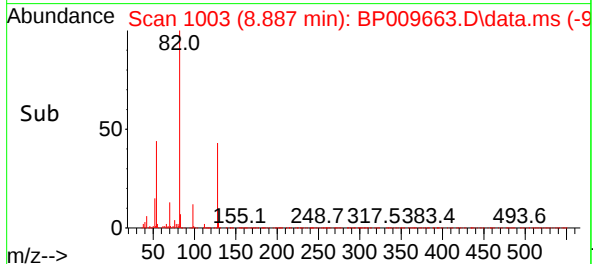
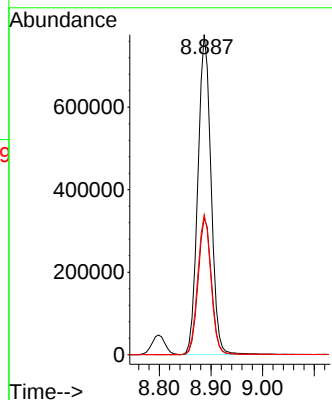
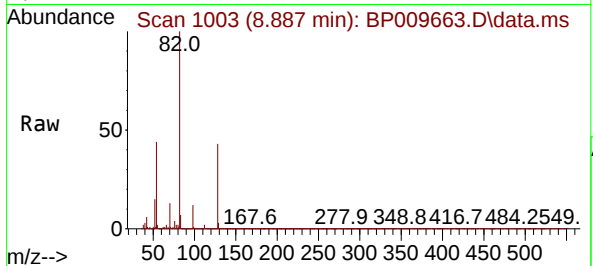
Tgt Ion: 82 Resp: 1370156

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.4

54 43.8 34.7 52.1



#24

Nitrobenzene

Concen: 50.569 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

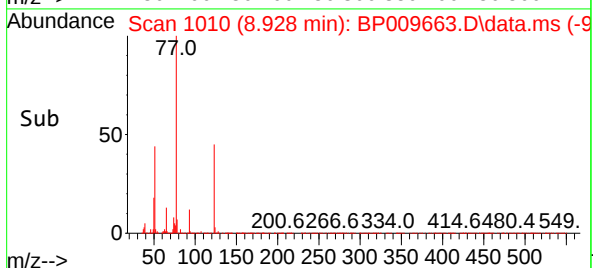
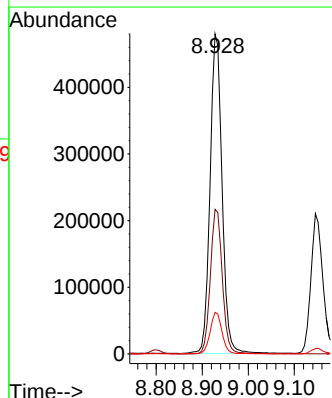
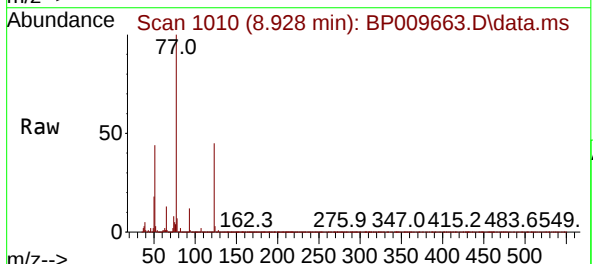
Tgt Ion: 77 Resp: 869896

Ion Ratio Lower Upper

77 100

123 45.2 35.5 53.3

65 13.0 10.3 15.5

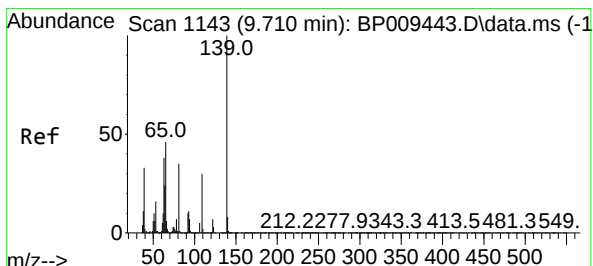
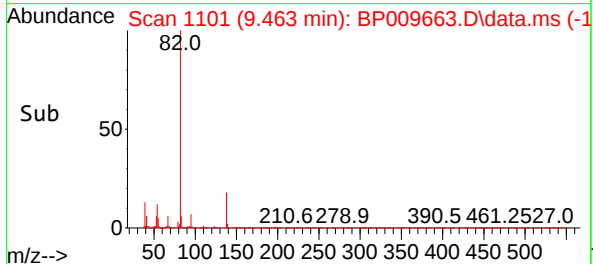
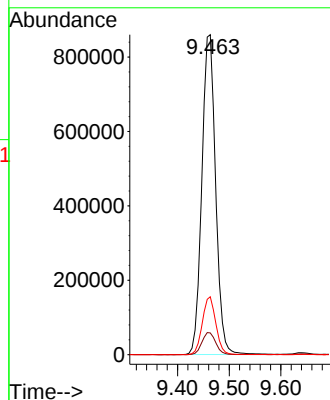
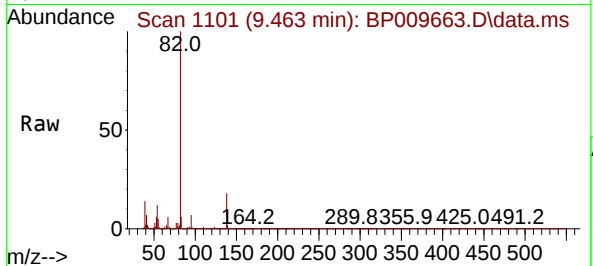




#25  
Isophorone  
Concen: 51.338 ng  
RT: 9.463 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

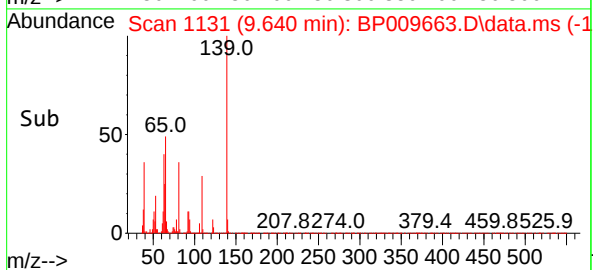
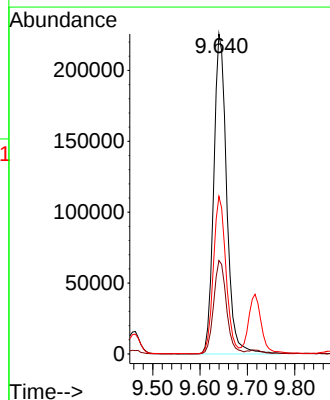
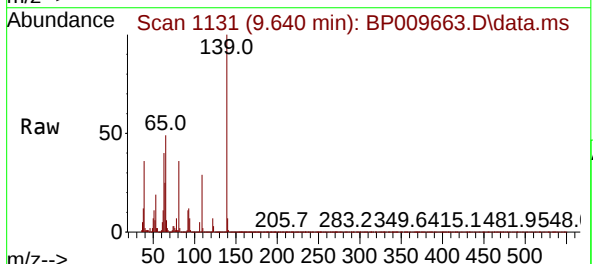
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

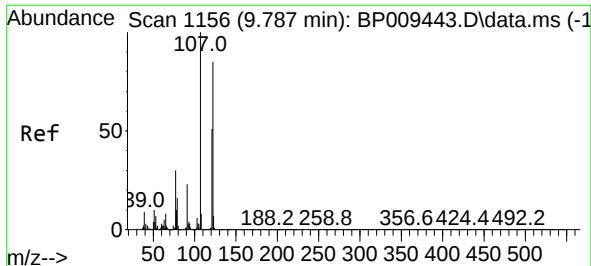
Tgt Ion: 82 Resp: 1594614  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 18.1 13.8 20.8



#26  
2-Nitrophenol  
Concen: 47.871 ng  
RT: 9.640 min Scan# 1131  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 139 Resp: 429234  
Ion Ratio Lower Upper  
139 100  
109 29.2 23.4 35.0  
65 49.3 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 57.235 ng

RT: 9.716 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

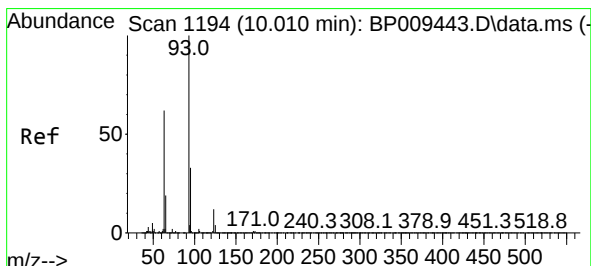
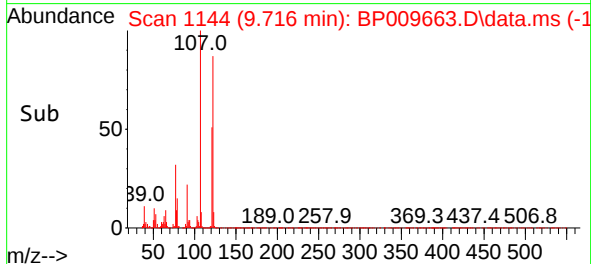
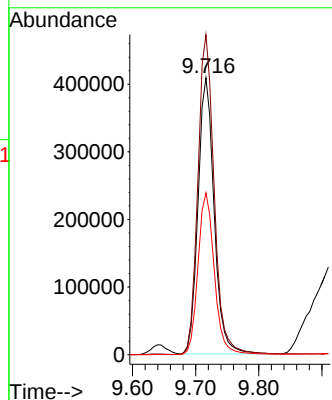
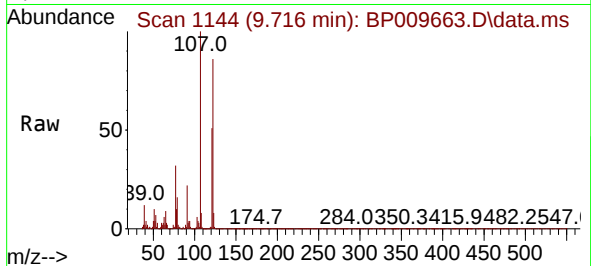
Tgt Ion:122 Resp: 724161

Ion Ratio Lower Upper

122 100

107 115.6 92.6 138.8

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.095 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

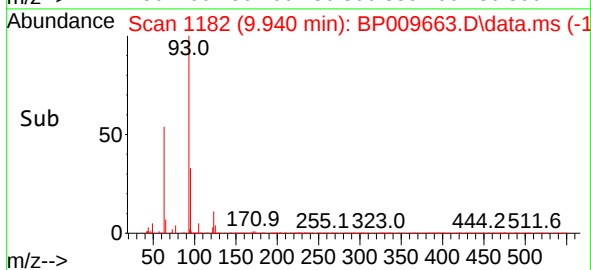
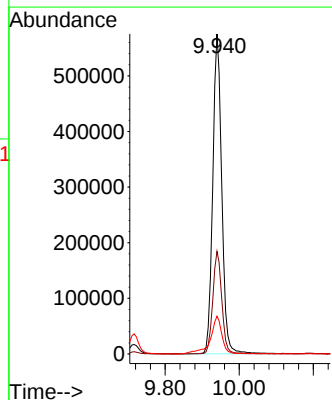
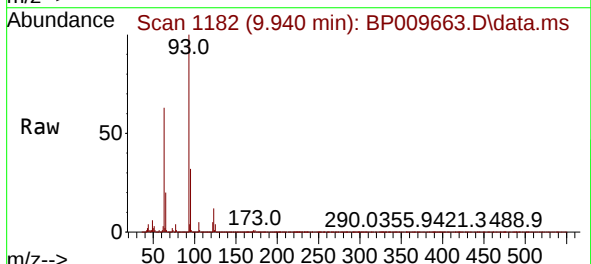
Tgt Ion: 93 Resp: 972692

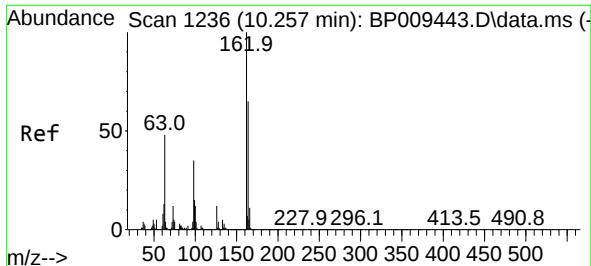
Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

123 11.8 8.9 13.3

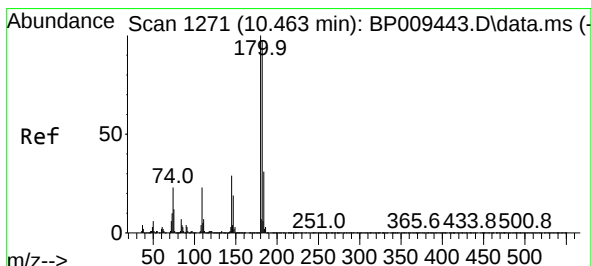
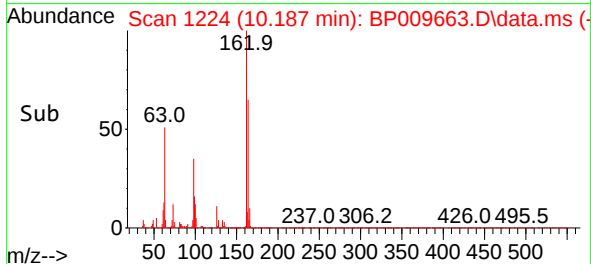
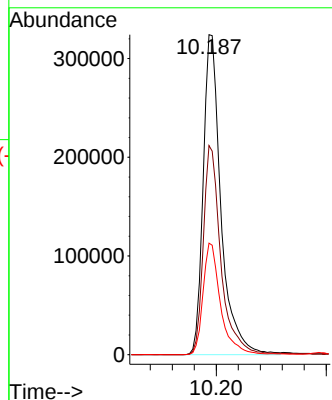
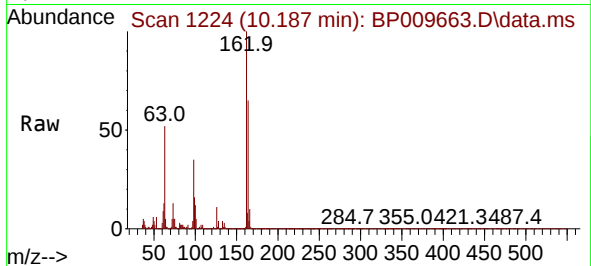




#29  
2,4-Dichlorophenol  
Concen: 47.271 ng  
RT: 10.187 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

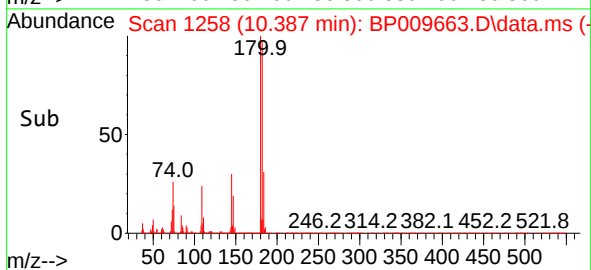
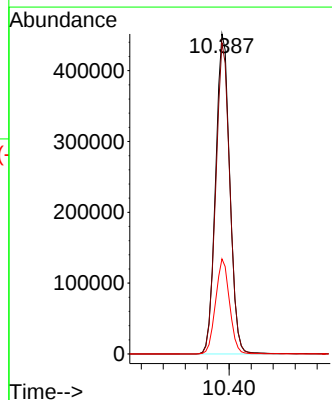
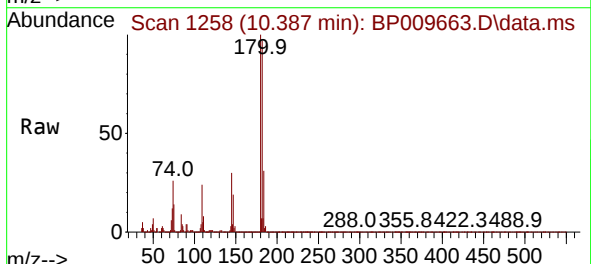
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

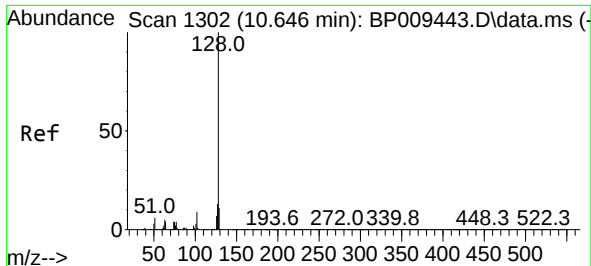
Tgt Ion:162 Resp: 729542  
Ion Ratio Lower Upper  
162 100  
164 65.4 44.3 84.3  
98 34.9 15.6 55.6



#30  
1,2,4-Trichlorobenzene  
Concen: 45.283 ng  
RT: 10.387 min Scan# 1258  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:180 Resp: 809677  
Ion Ratio Lower Upper  
180 100  
182 97.2 76.4 114.6  
145 29.7 23.8 35.6

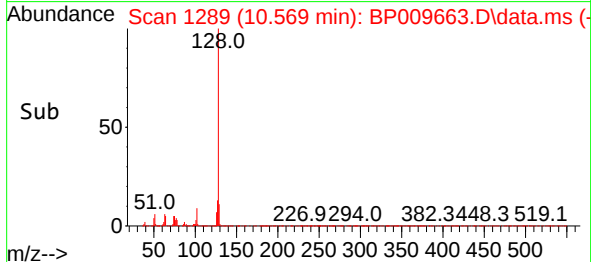
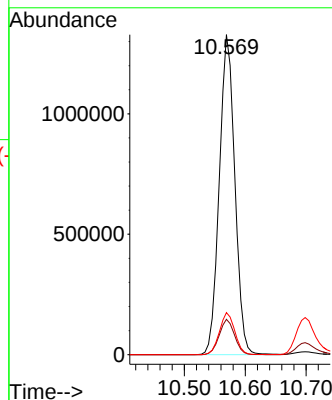
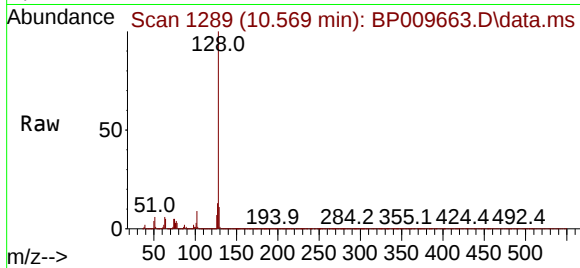




#31  
Naphthalene  
Concen: 47.186 ng  
RT: 10.569 min Scan# 1179  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

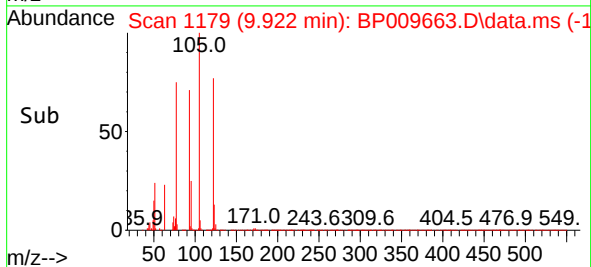
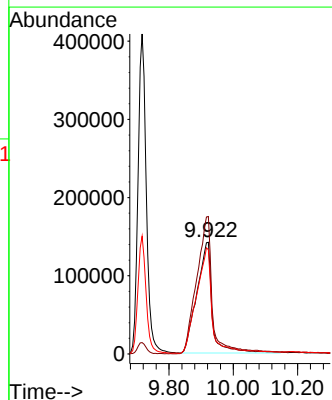
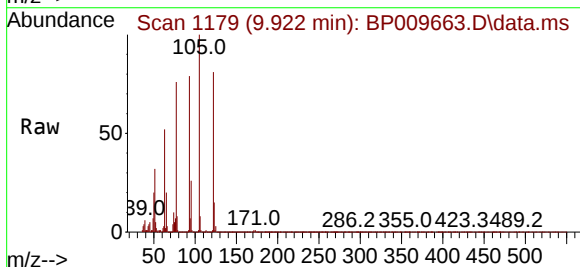
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

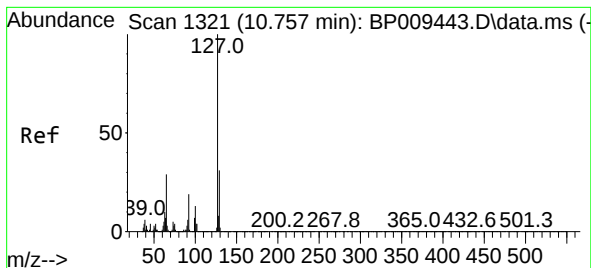
Tgt Ion:128 Resp: 2351996  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 47.760 ng  
RT: 9.922 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:122 Resp: 472443  
Ion Ratio Lower Upper  
122 100  
105 123.0 110.5 150.5  
77 93.4 79.9 119.9





#33

4-Chloroaniline

Concen: 17.687 ng

RT: 10.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

Tgt Ion:127 Resp: 359746

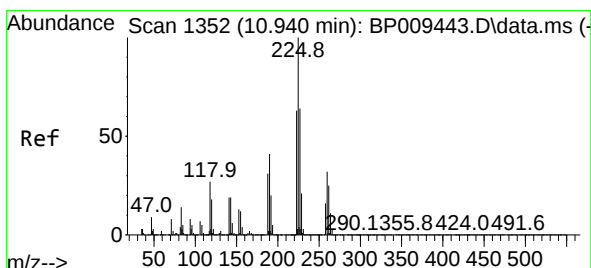
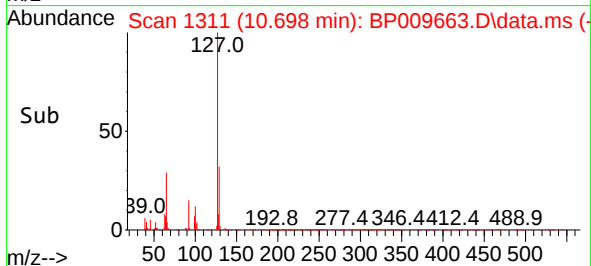
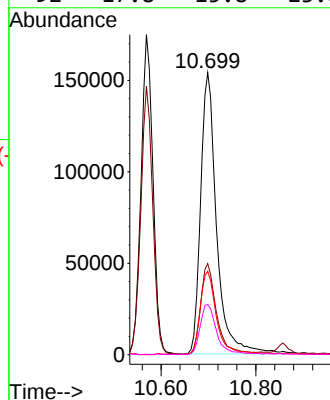
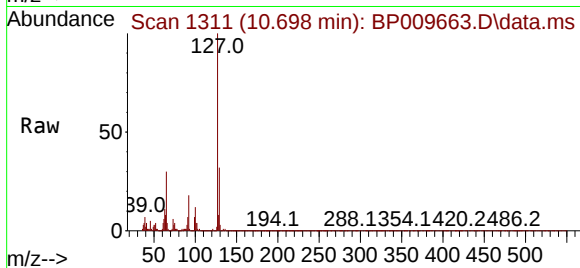
Ion Ratio Lower Upper

127 100

129 32.3 25.5 38.3

65 29.5 24.3 36.5

92 17.8 15.8 23.8



#34

Hexachlorobutadiene

Concen: 42.958 ng

RT: 10.857 min Scan# 1338

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

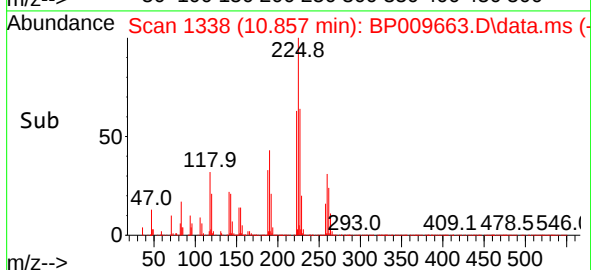
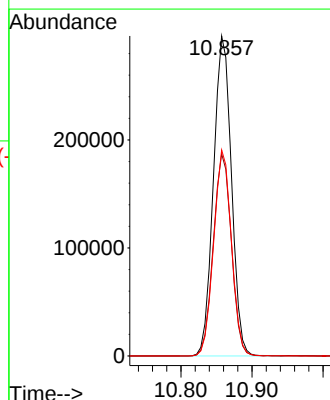
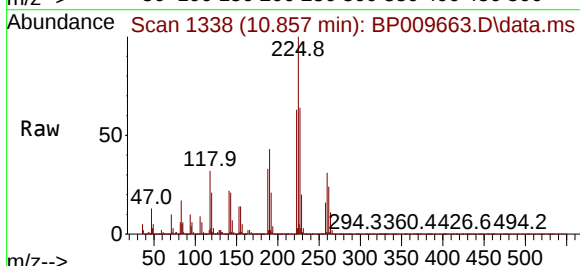
Tgt Ion:225 Resp: 520442

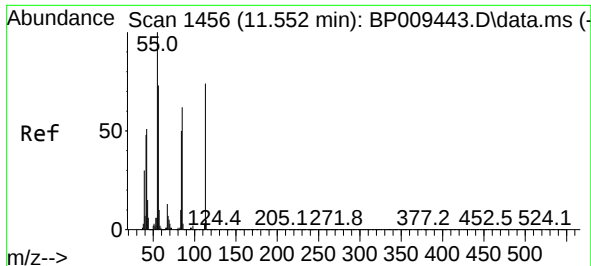
Ion Ratio Lower Upper

225 100

223 63.2 50.5 75.7

227 64.4 51.2 76.8

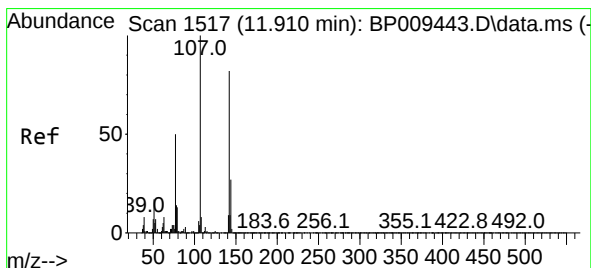
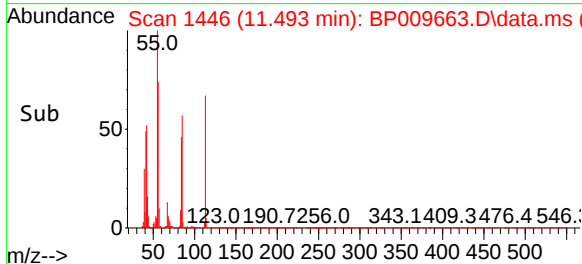
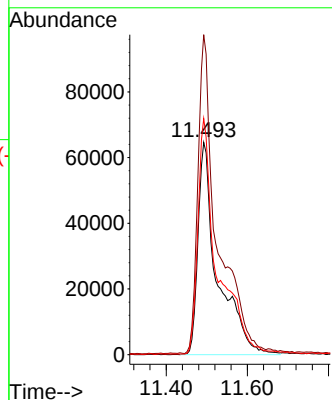
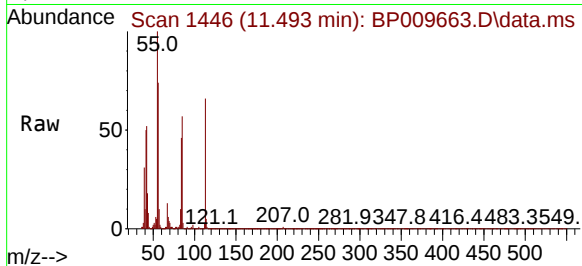




#35  
Caprolactam  
Concen: 41.677 ng  
RT: 11.493 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

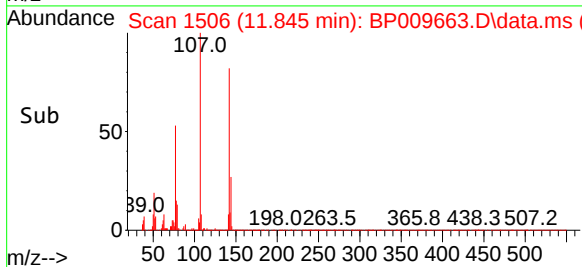
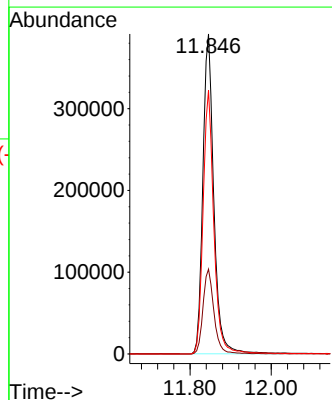
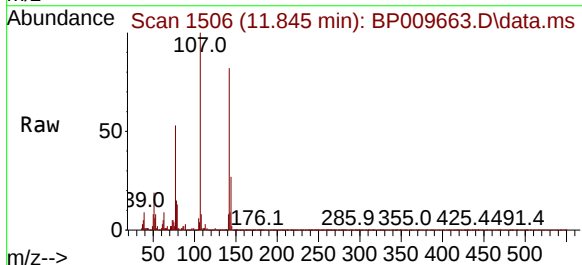
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

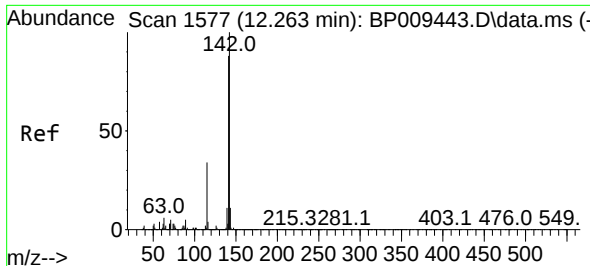
Tgt Ion:113 Resp: 217076  
Ion Ratio Lower Upper  
113 100  
55 150.7 128.4 168.4  
56 111.2 90.9 130.9



#36  
4-Chloro-3-methylphenol  
Concen: 44.183 ng  
RT: 11.845 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:107 Resp: 732717  
Ion Ratio Lower Upper  
107 100  
144 26.5 21.0 31.4  
142 82.4 64.9 97.3

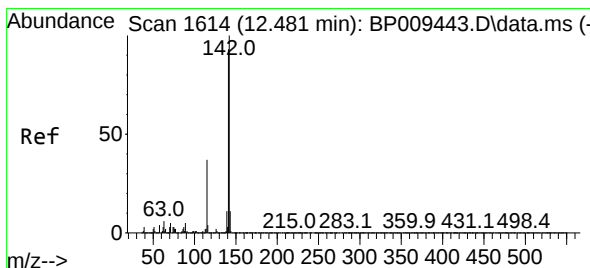
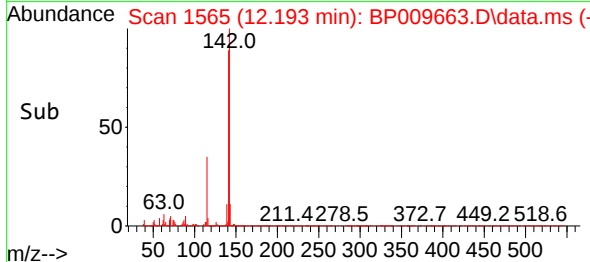
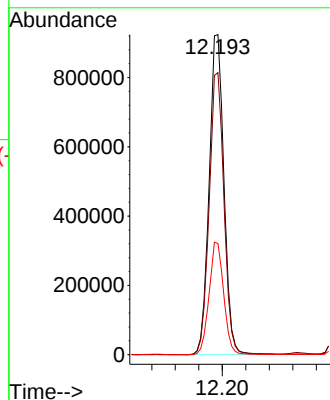
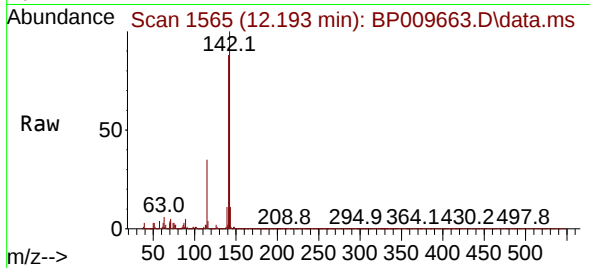




#37  
2-Methylnaphthalene  
Concen: 46.052 ng  
RT: 12.193 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

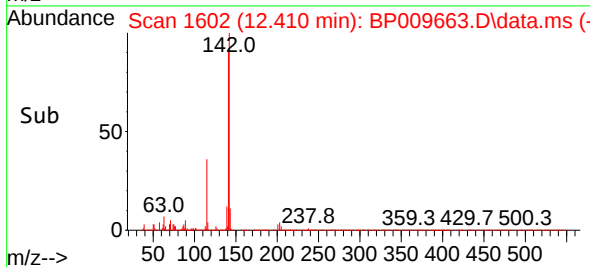
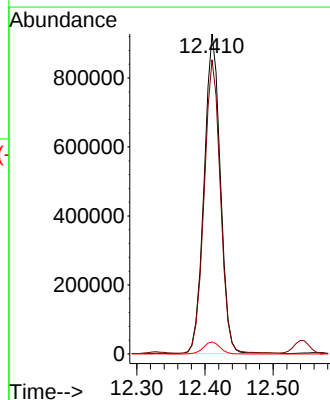
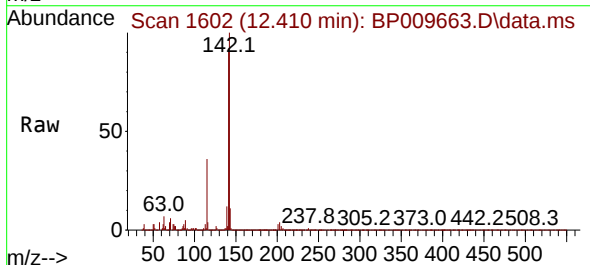
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

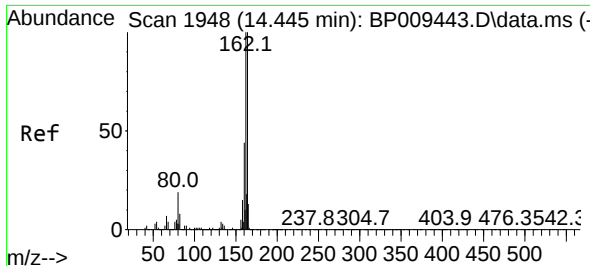
Tgt Ion:142 Resp: 1610599  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.2 105.4  
115 34.7 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 44.884 ng  
RT: 12.410 min Scan# 1602  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:142 Resp: 1529193  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.5 110.3  
116 3.8 3.3 4.9

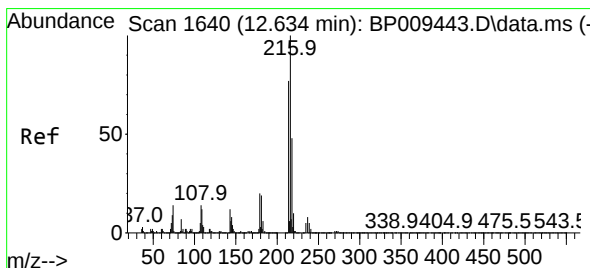
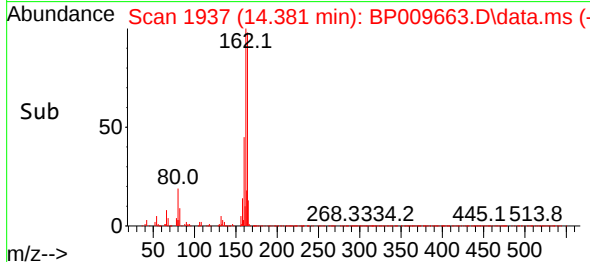
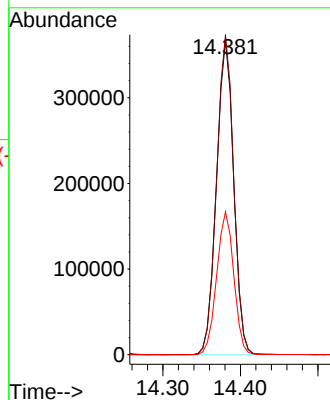
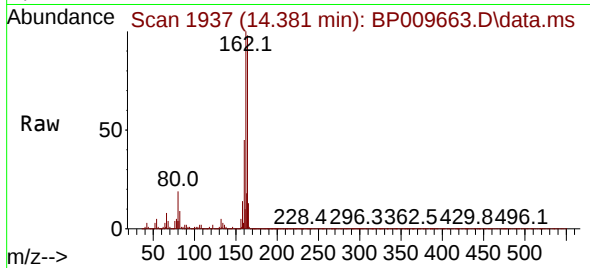




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

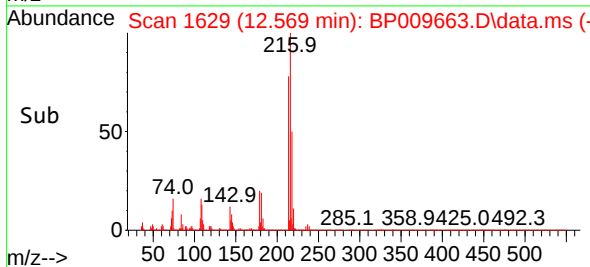
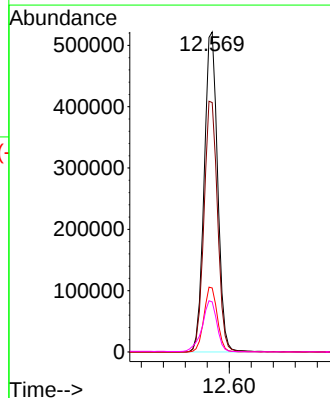
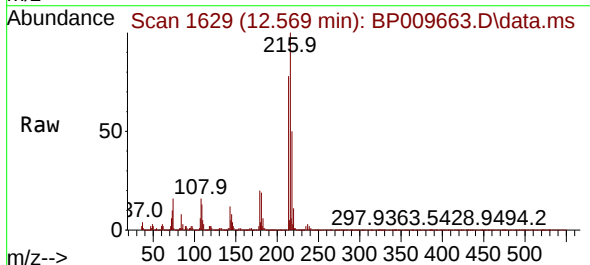
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BNA\_P  
ClientSampleId :  
A04100MSD

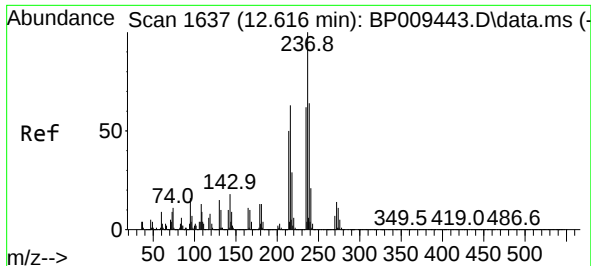
Tgt Ion:164 Resp: 565916  
Ion Ratio Lower Upper  
164 100  
162 101.9 79.1 118.7  
160 45.5 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.181 ng  
RT: 12.569 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:216 Resp: 885889  
Ion Ratio Lower Upper  
216 100  
214 79.1 62.3 93.5  
179 20.1 16.8 25.2  
108 17.6 14.6 22.0

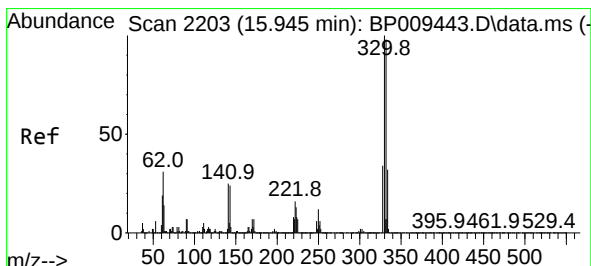
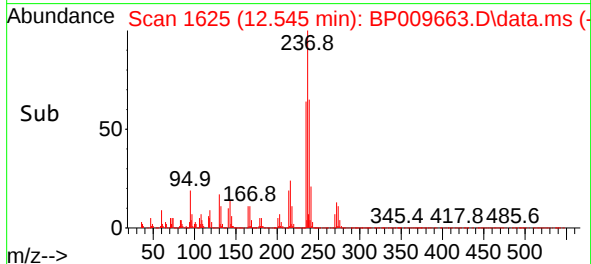
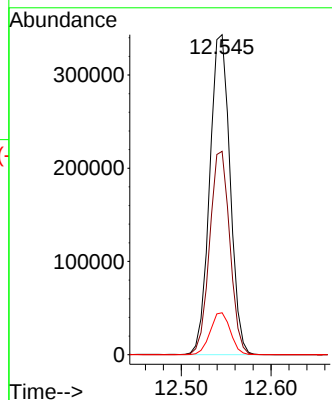
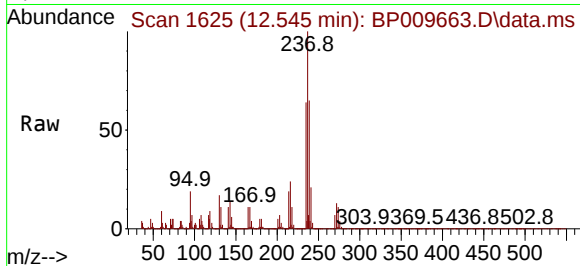




#41  
Hexachlorocyclopentadiene  
Concen: 67.283 ng  
RT: 12.545 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

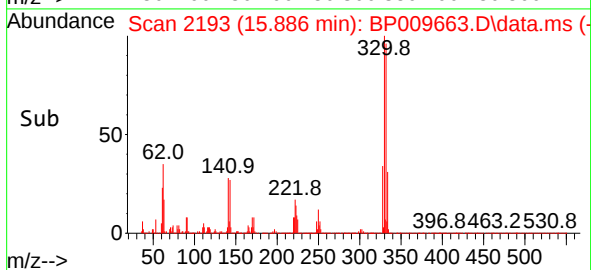
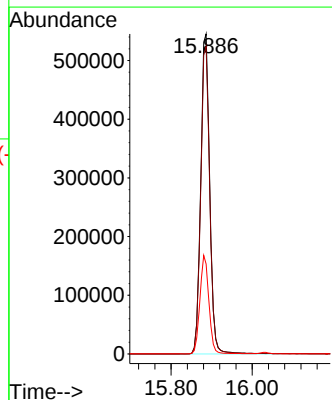
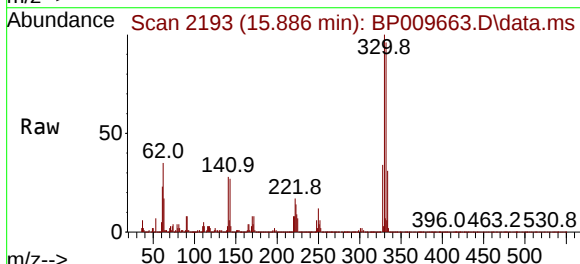
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

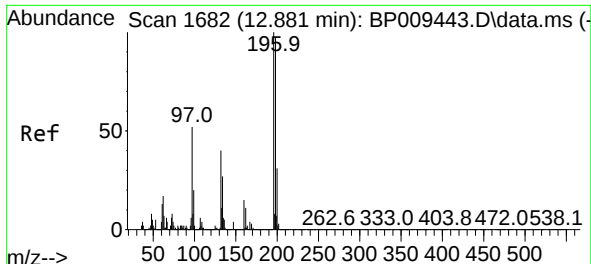
Tgt Ion:237 Resp: 539508  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.6 82.6  
272 13.1 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 90.530 ng  
RT: 15.886 min Scan# 2193  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:330 Resp: 845425  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.0 115.6  
141 30.7 27.6 41.4

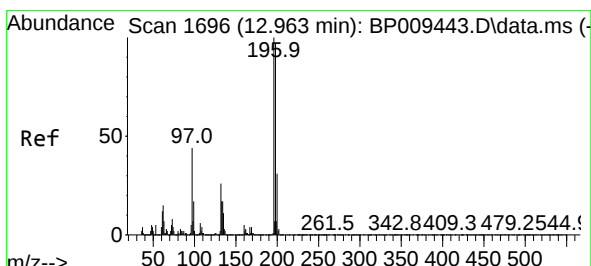
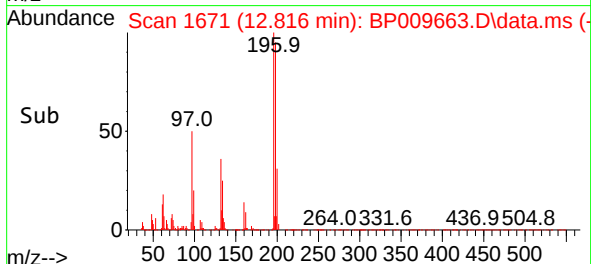
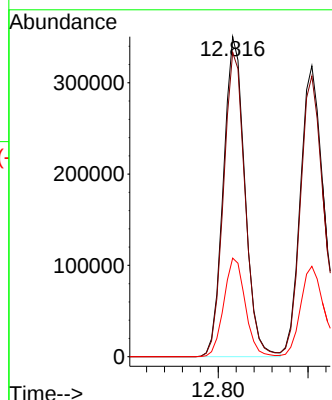
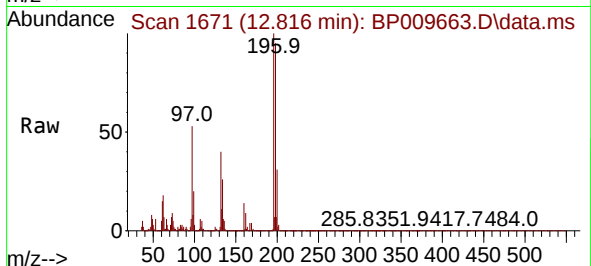




#43  
2,4,6-Trichlorophenol  
Concen: 46.726 ng  
RT: 12.816 min Scan# 1671  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

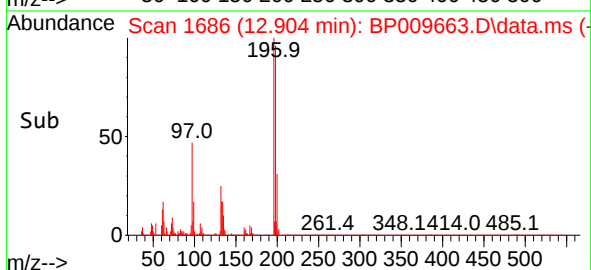
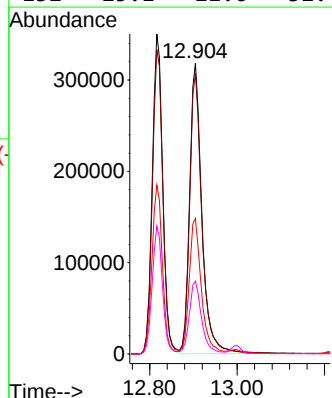
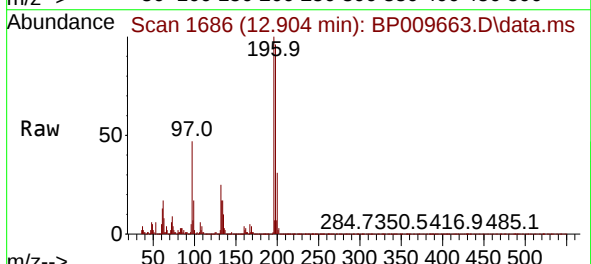
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

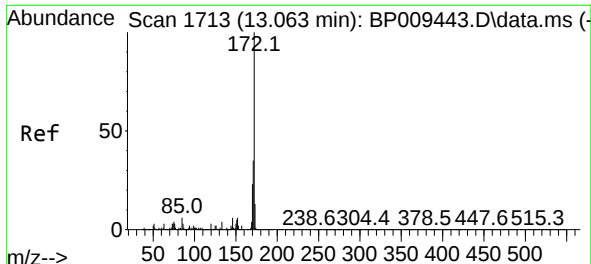
Tgt Ion:196 Resp: 581527  
Ion Ratio Lower Upper  
196 100  
198 95.1 76.2 114.4  
200 30.8 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.836 ng  
RT: 12.904 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:196 Resp: 619466  
Ion Ratio Lower Upper  
196 100  
198 96.5 76.6 114.8  
97 46.6 38.3 57.5  
132 25.1 21.6 32.4

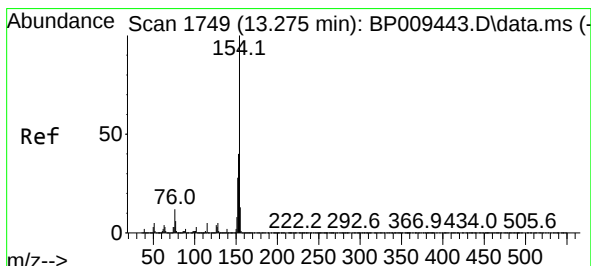
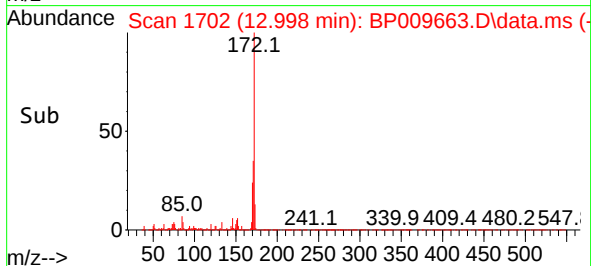
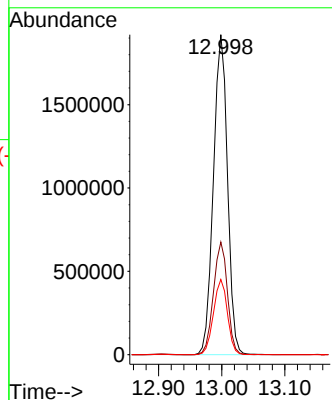
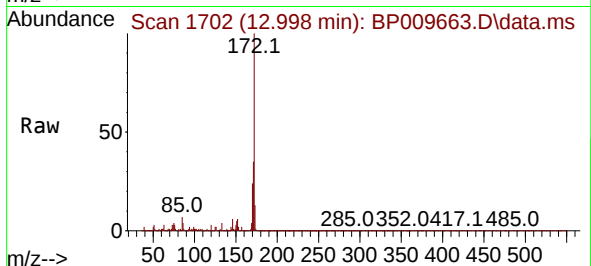




#45  
2-Fluorobiphenyl  
Concen: 72.827 ng  
RT: 12.998 min Scan# 1713  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

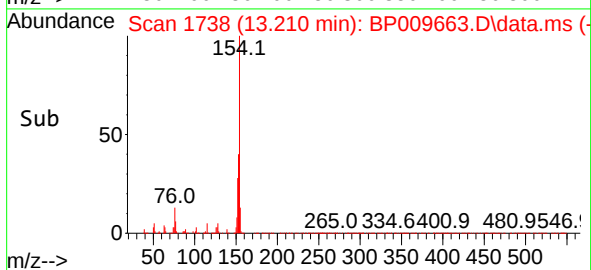
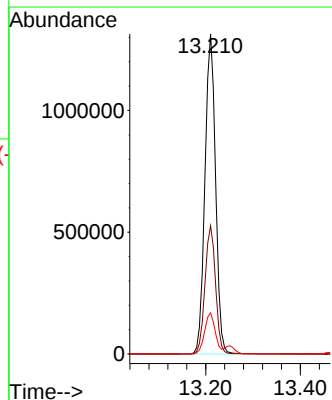
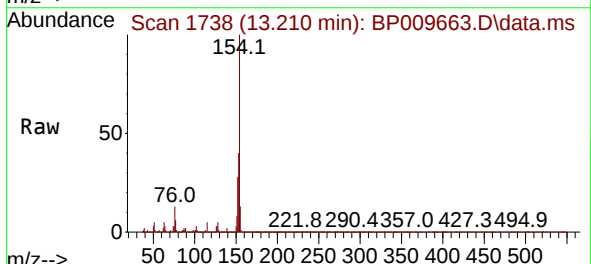
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

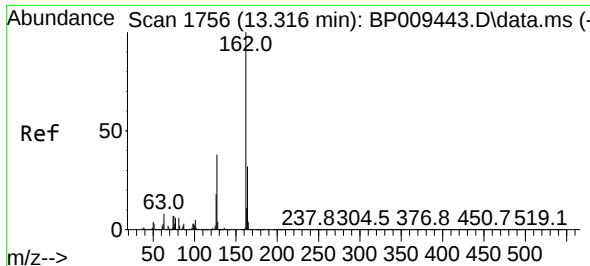
Tgt Ion:172 Resp: 2972963  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 48.391 ng  
RT: 13.210 min Scan# 1738  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:154 Resp: 2042968  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.2 60.2  
76 12.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.059 ng

RT: 13.251 min Scan# 1745

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

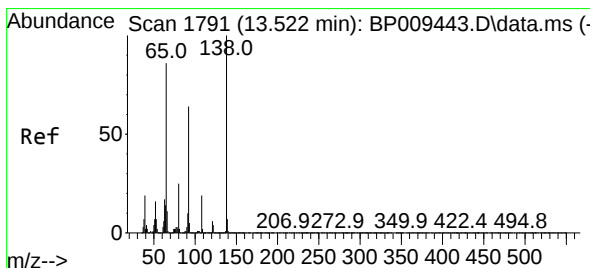
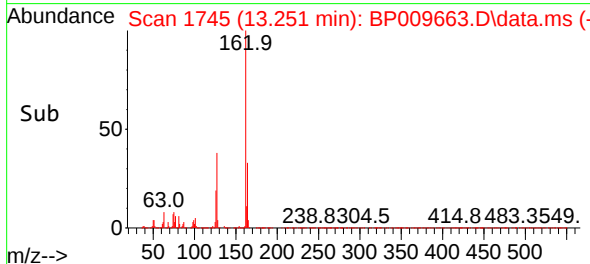
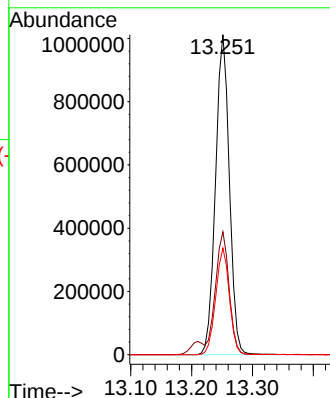
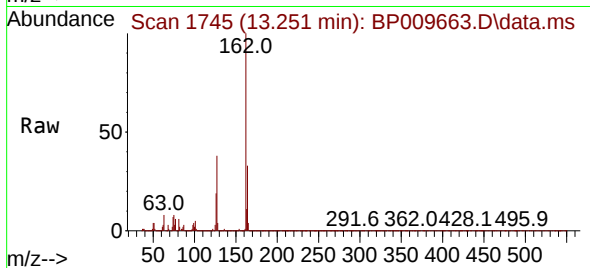
Tgt Ion:162 Resp: 1597390

Ion Ratio Lower Upper

162 100

127 38.4 30.8 46.2

164 33.3 26.3 39.5



#48

2-Nitroaniline

Concen: 50.180 ng

RT: 13.463 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

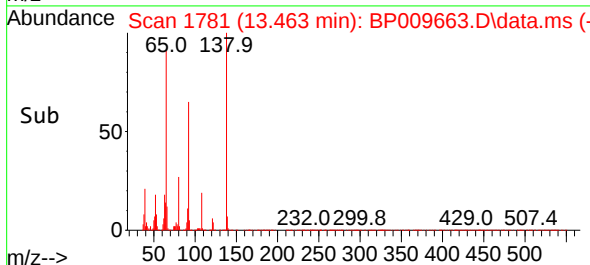
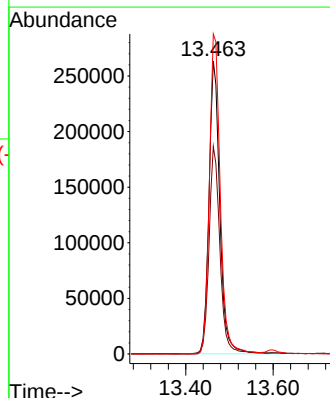
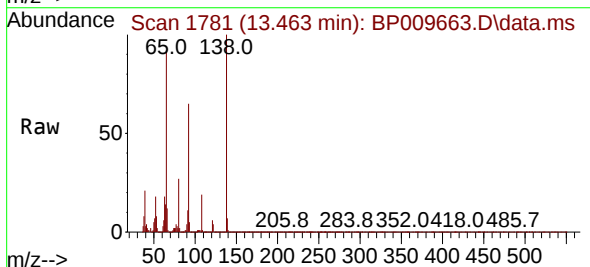
Tgt Ion: 65 Resp: 454267

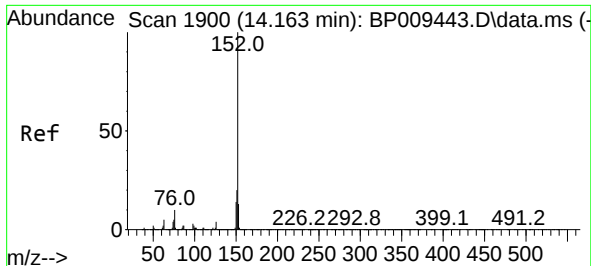
Ion Ratio Lower Upper

65 100

92 70.8 56.9 85.3

138 109.2 89.3 133.9

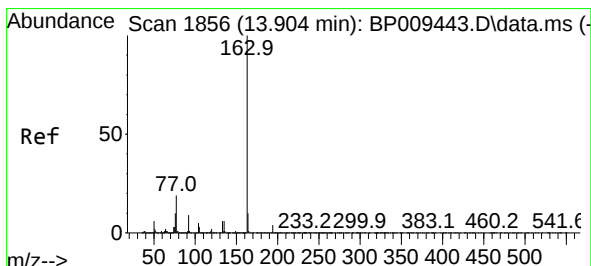
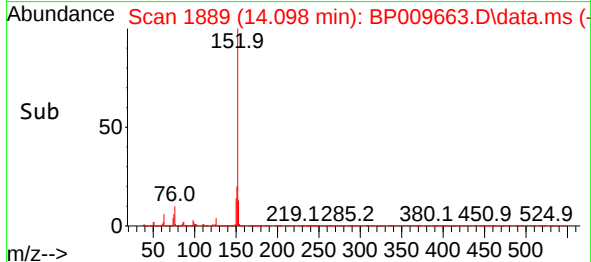
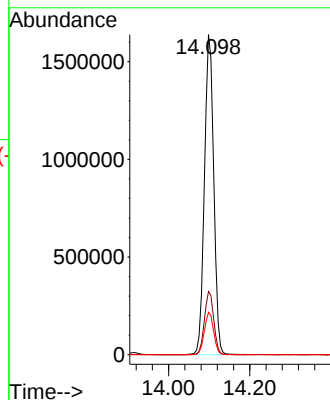
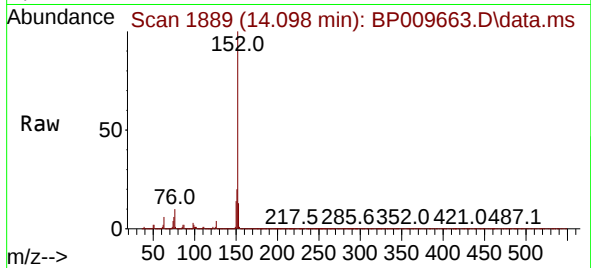




#49  
Acenaphthylene  
Concen: 50.764 ng  
RT: 14.098 min Scan# 1889  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

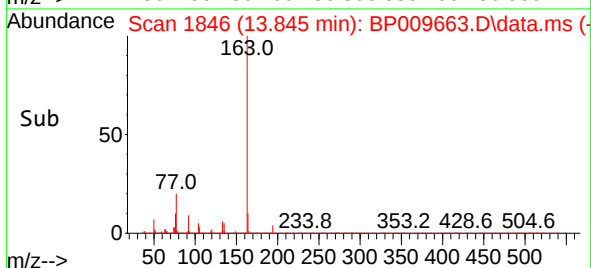
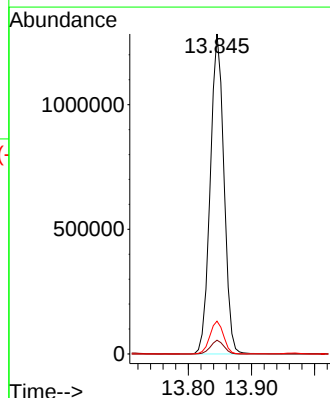
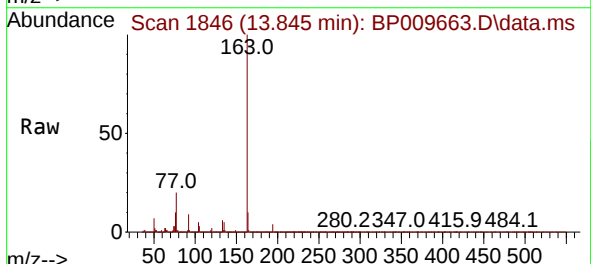
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

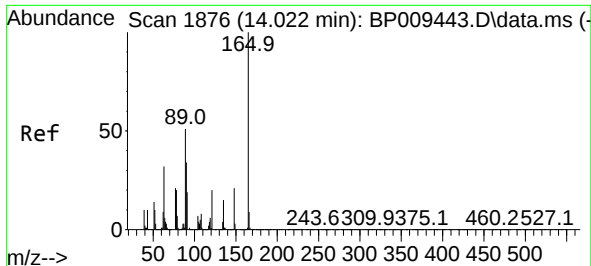
Tgt Ion:152 Resp: 2604722  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 13.3 10.7 16.1



#50  
Dimethylphthalate  
Concen: 44.994 ng  
RT: 13.845 min Scan# 1846  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:163 Resp: 1929395  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.3 8.2 12.2

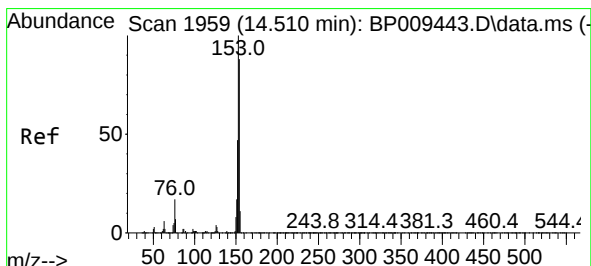
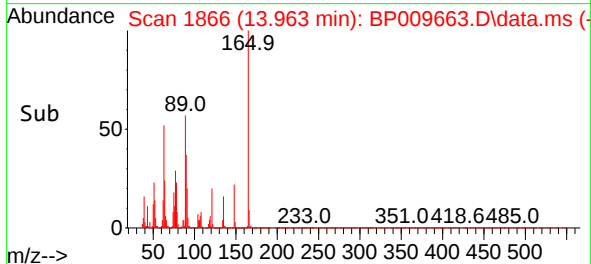
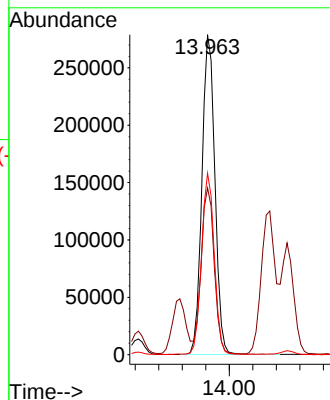
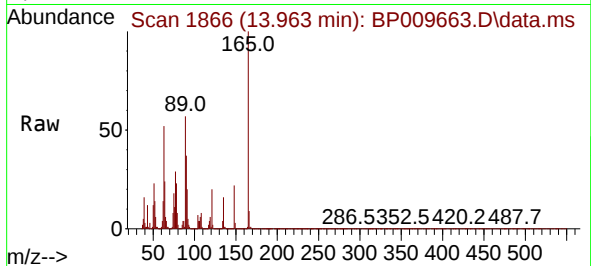




#51  
2,6-Dinitrotoluene  
Concen: 47.489 ng  
RT: 13.963 min Scan# 1876  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

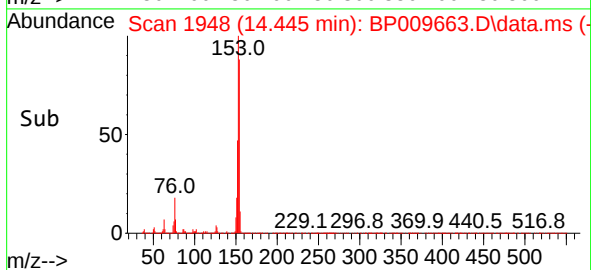
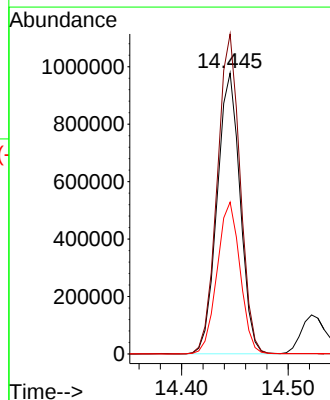
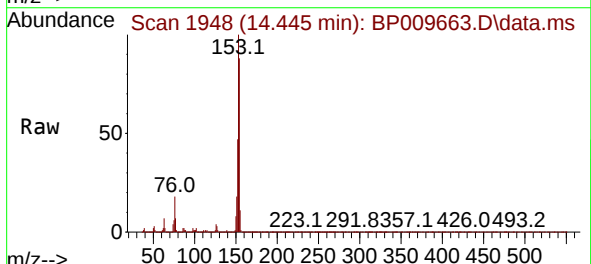
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

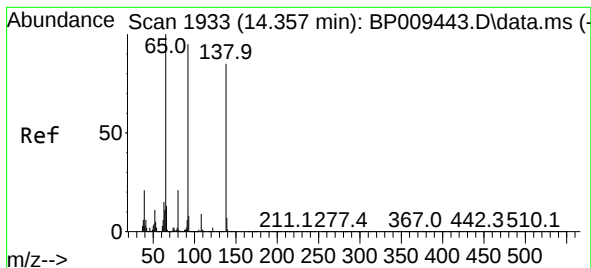
Tgt Ion:165 Resp: 426668  
Ion Ratio Lower Upper  
165 100  
63 52.1 40.9 61.3  
89 56.7 43.4 65.2



#52  
Acenaphthene  
Concen: 47.731 ng  
RT: 14.445 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:154 Resp: 1463013  
Ion Ratio Lower Upper  
154 100  
153 113.9 90.2 135.4  
152 54.0 42.7 64.1

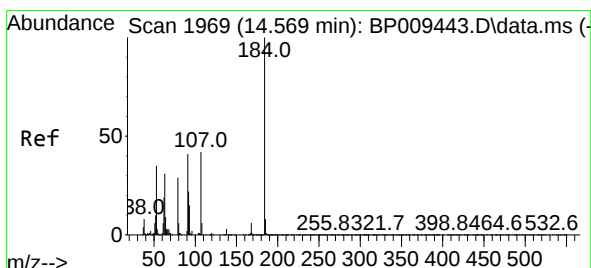
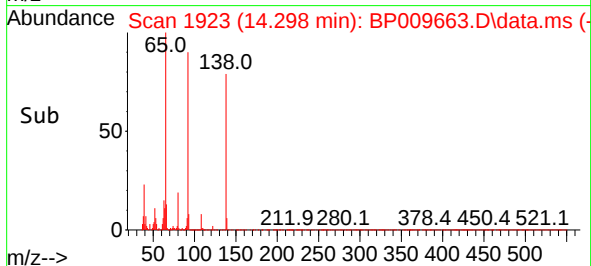
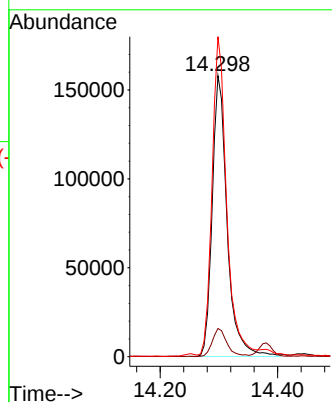
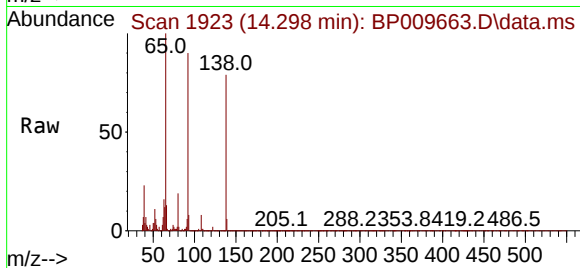




#53  
3-Nitroaniline  
Concen: 29.299 ng  
RT: 14.298 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

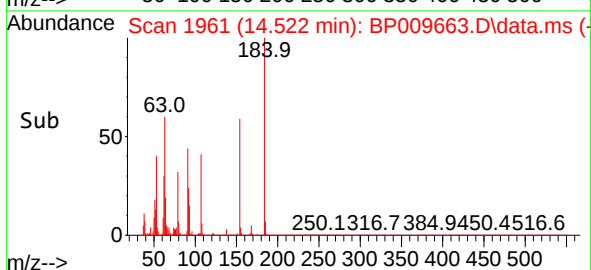
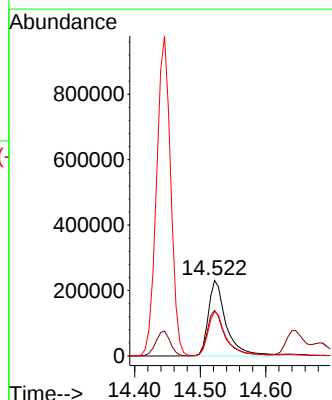
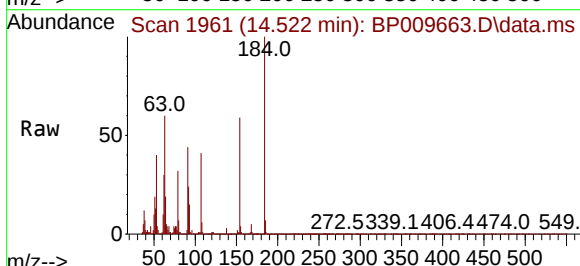
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

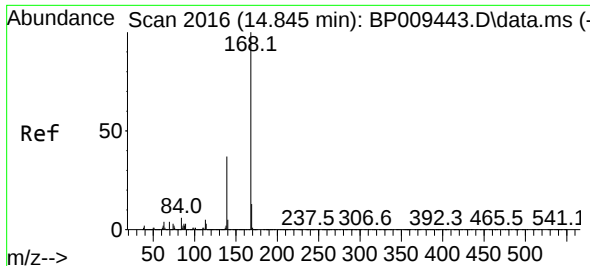
Tgt Ion:138 Resp: 278040  
Ion Ratio Lower Upper  
138 100  
108 10.0 9.7 14.5  
92 113.9 94.4 141.6



#54  
2,4-Dinitrophenol  
Concen: 78.414 ng  
RT: 14.522 min Scan# 1961  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:184 Resp: 437241  
Ion Ratio Lower Upper  
184 100  
63 60.3 46.3 69.5  
154 58.8 45.8 68.6

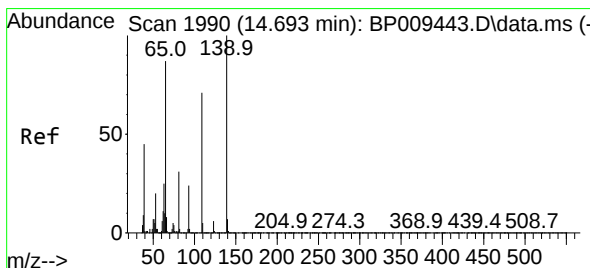
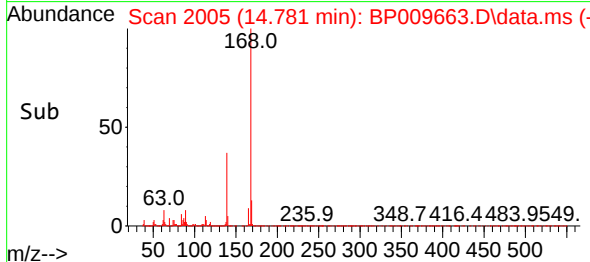
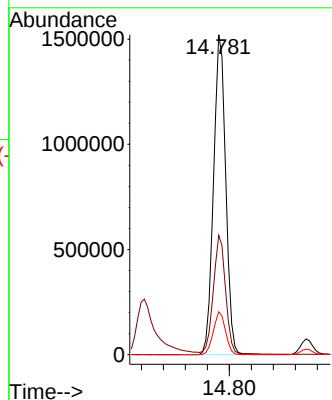
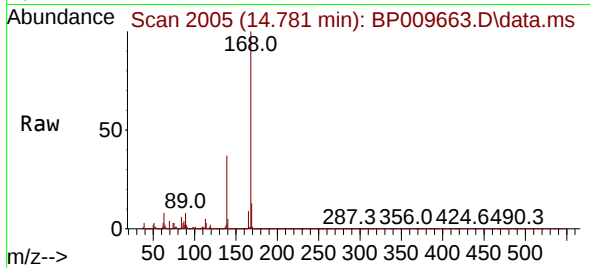




#55  
Dibenzofuran  
Concen: 45.462 ng  
RT: 14.781 min Scan# 2016  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

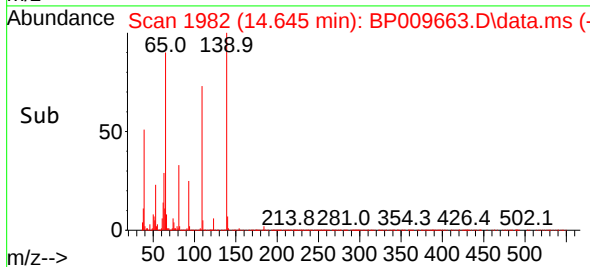
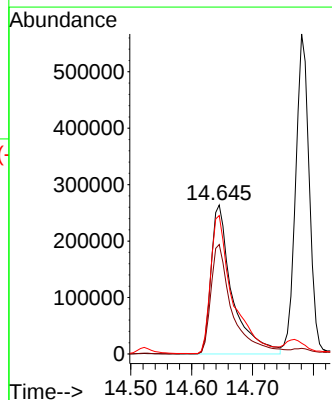
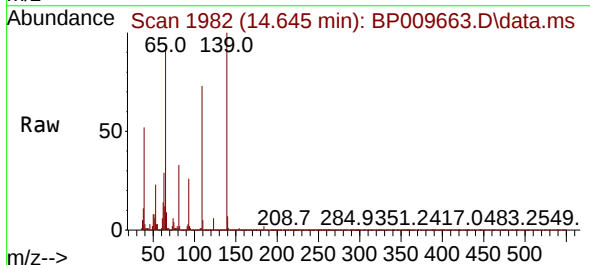
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

Tgt Ion:168 Resp: 2340969  
Ion Ratio Lower Upper  
168 100  
139 37.3 29.1 43.7  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 89.960 ng  
RT: 14.645 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:139 Resp: 636352  
Ion Ratio Lower Upper  
139 100  
109 73.4 51.2 91.2  
65 92.9 73.2 113.2

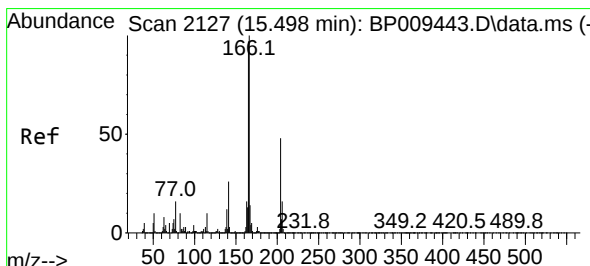
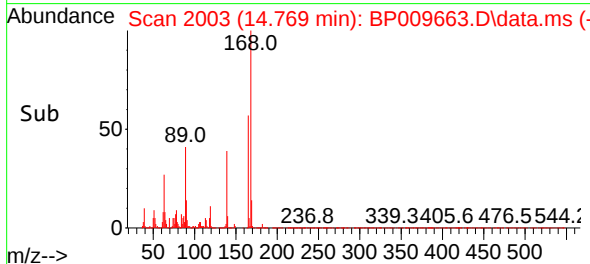
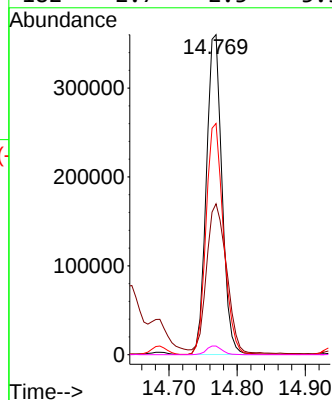
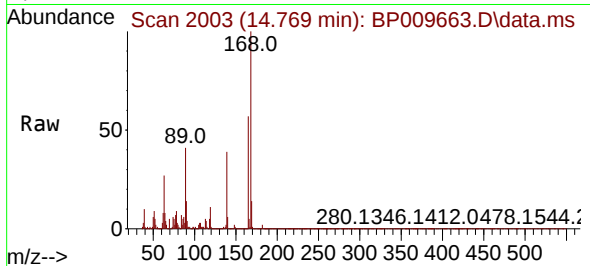




#57  
2,4-Dinitrotoluene  
Concen: 46.476 ng  
RT: 14.769 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

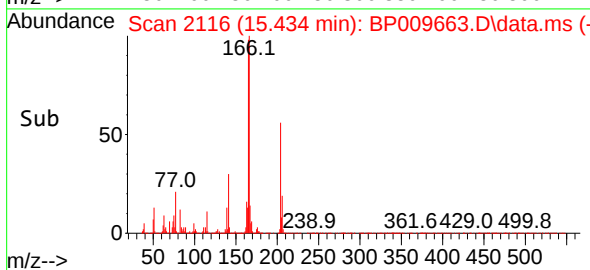
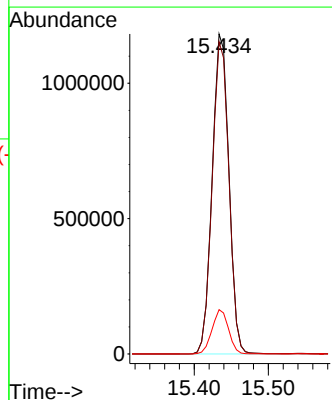
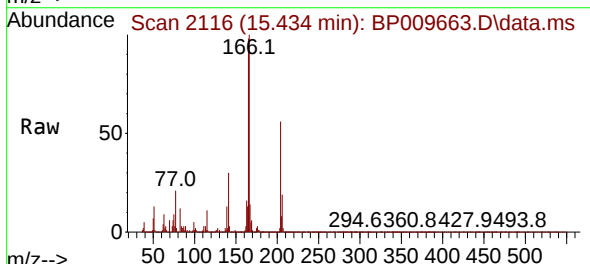
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

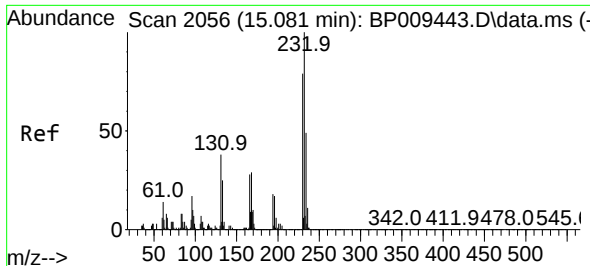
Tgt Ion:165 Resp: 574156  
Ion Ratio Lower Upper  
165 100  
63 47.1 31.4 47.2  
89 72.3 55.9 83.9  
182 2.7 2.3 3.5



#58  
Fluorene  
Concen: 45.727 ng  
RT: 15.434 min Scan# 2116  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:166 Resp: 1851833  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.2 118.8  
167 13.8 10.7 16.1

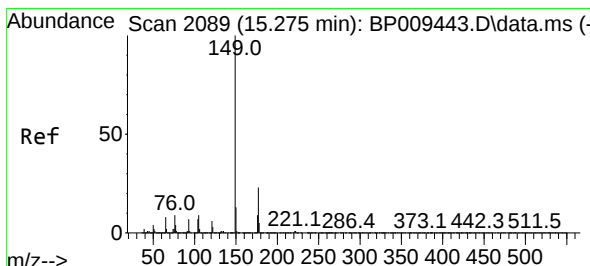
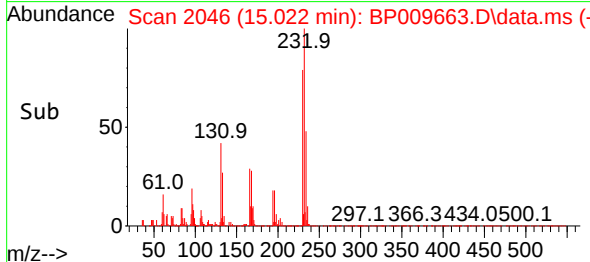
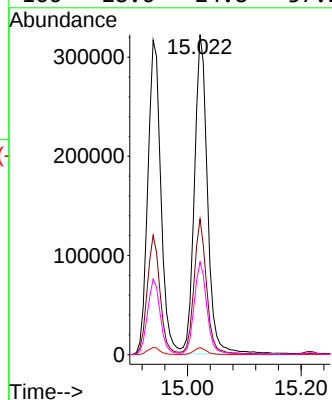
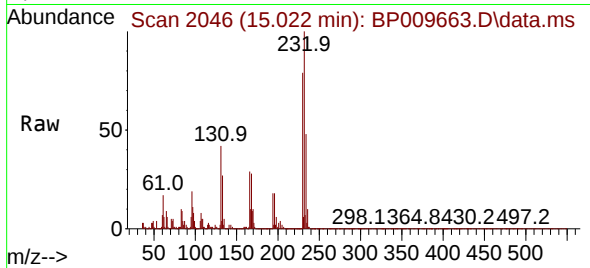




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.905 ng  
RT: 15.022 min Scan# 2056  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

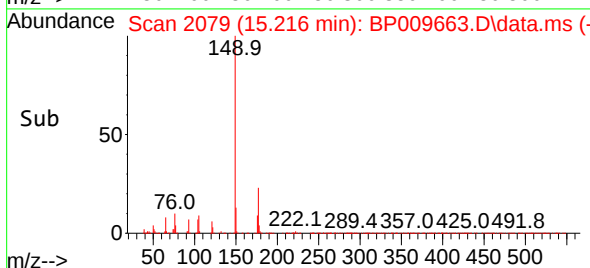
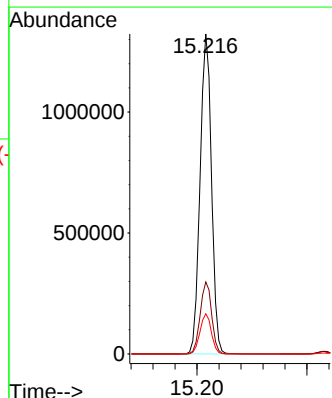
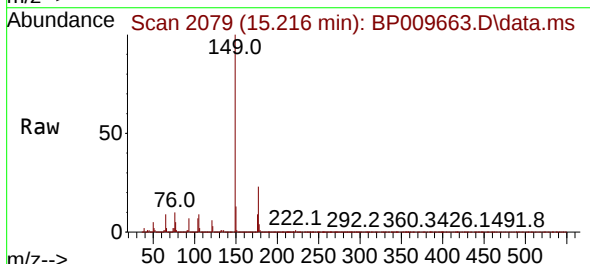
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

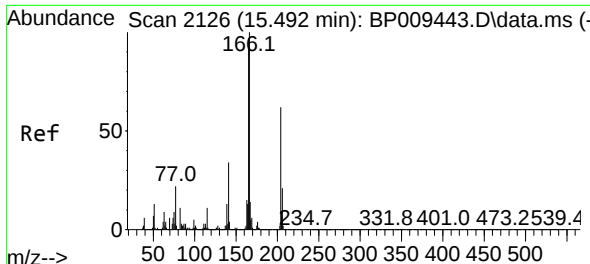
Tgt Ion:232 Resp: 513431  
Ion Ratio Lower Upper  
232 100  
131 40.8 35.5 53.3  
130 2.1 1.8 2.8  
166 28.6 24.8 37.2



#60  
Diethylphthalate  
Concen: 44.351 ng  
RT: 15.216 min Scan# 2079  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:149 Resp: 1903439  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.2 27.2  
150 12.5 9.9 14.9

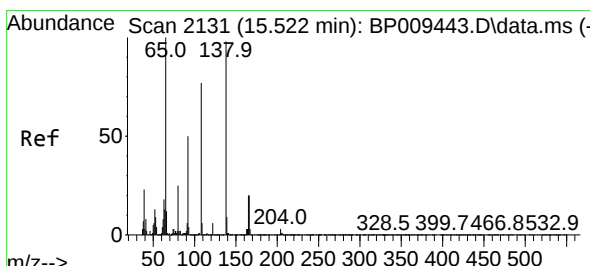
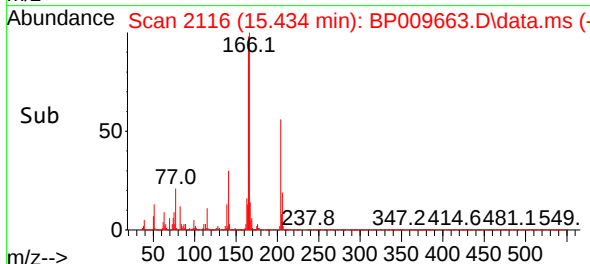
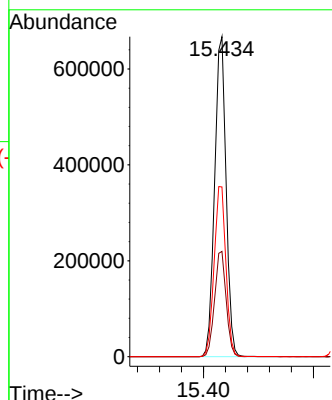
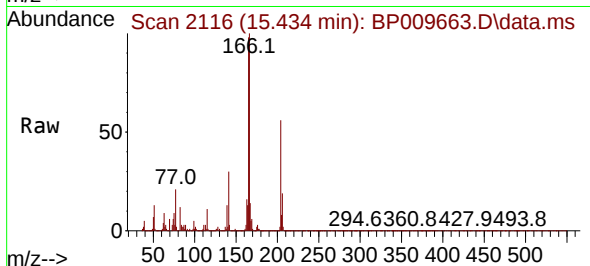




#61  
4-Chlorophenyl-phenylether  
Concen: 43.322 ng  
RT: 15.434 min Scan# 2116  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

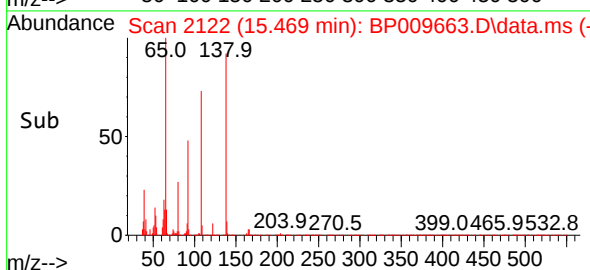
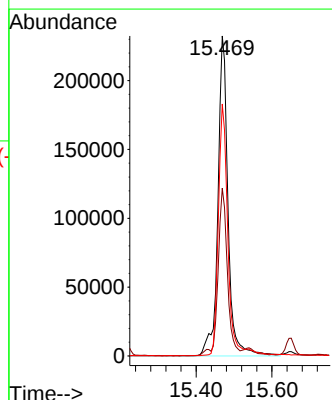
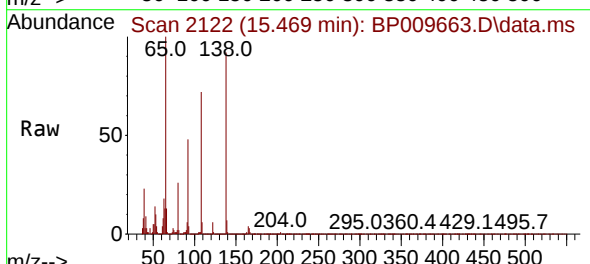
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

Tgt Ion:204 Resp: 966469  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.0 39.0  
141 53.1 45.9 68.9



#62  
4-Nitroaniline  
Concen: 43.334 ng  
RT: 15.469 min Scan# 2122  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:138 Resp: 431873  
Ion Ratio Lower Upper  
138 100  
92 52.4 31.2 71.2  
108 78.7 54.3 94.3



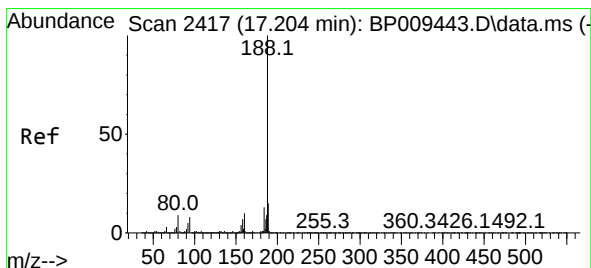
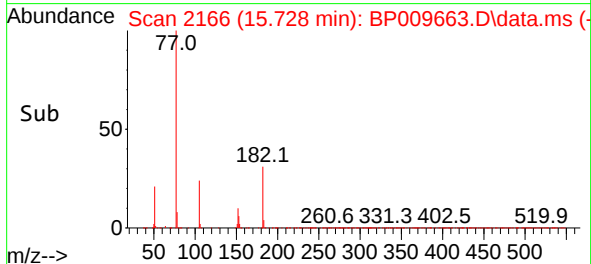
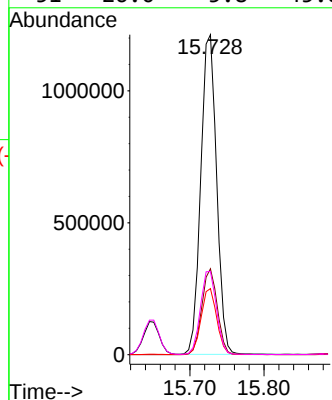
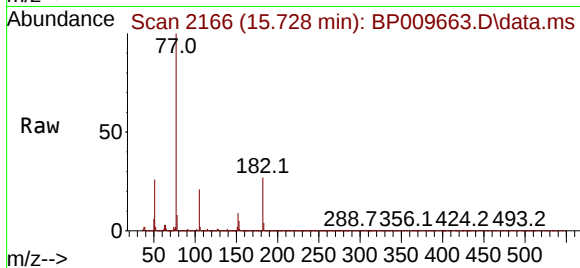


#63  
Azobenzene  
Concen: 48.139 ng  
RT: 15.728 min Scan# 2176  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

Tgt Ion: 77 Resp: 1797208

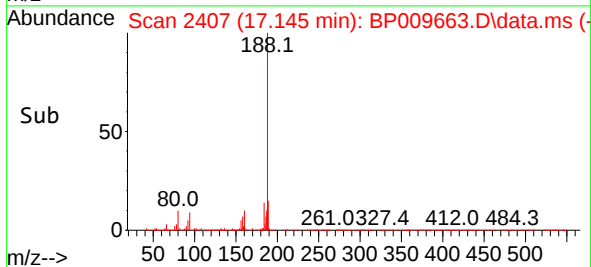
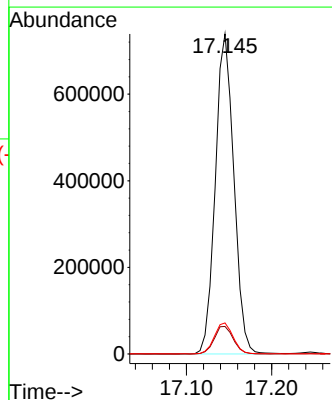
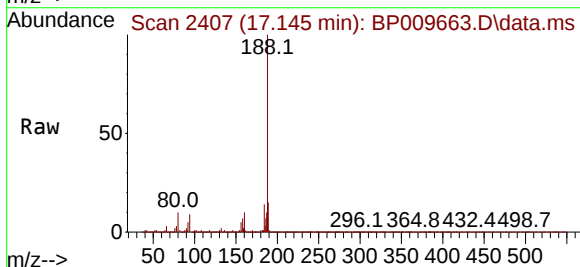
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.9  | 5.4   | 45.4  |
| 105 | 20.7  | 0.3   | 40.3  |
| 51  | 26.0  | 5.8   | 45.8  |

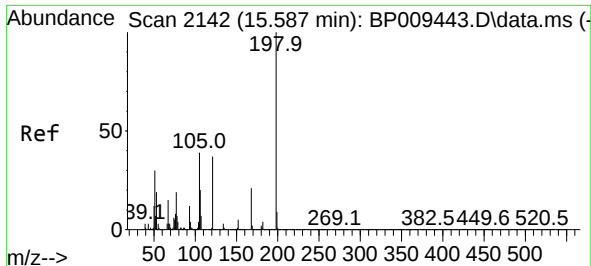


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 2407  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion: 188 Resp: 1119608

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.6   | 7.9   | 11.9  |
| 80  | 9.7   | 8.8   | 13.2  |

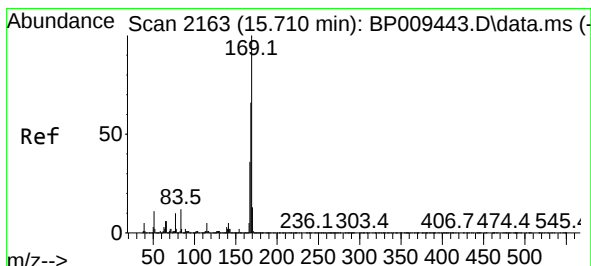
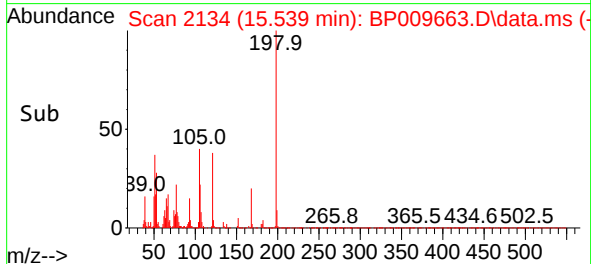
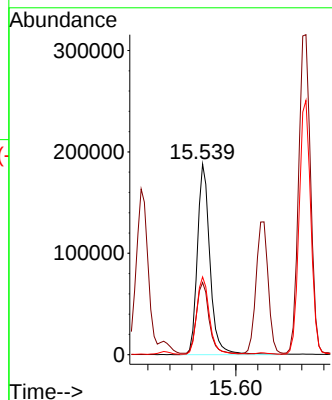
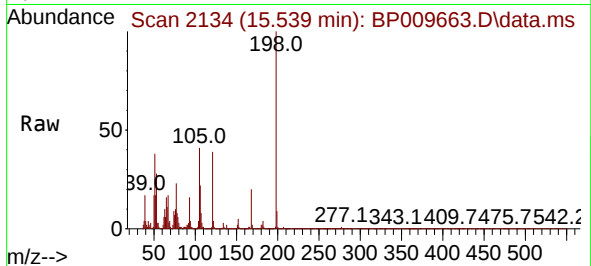




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.449 ng  
RT: 15.539 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

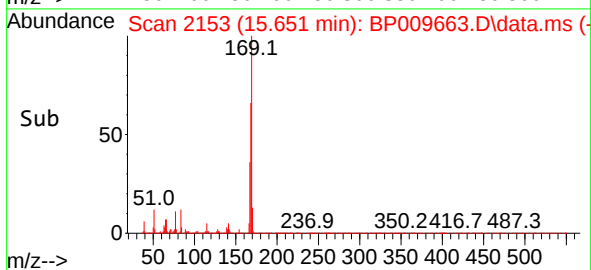
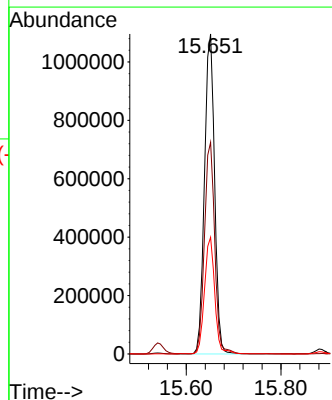
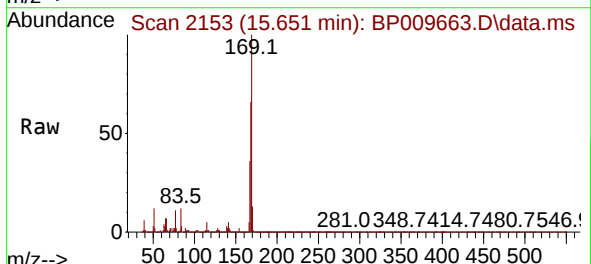
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

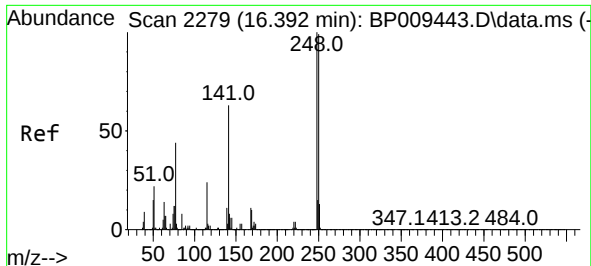
Tgt Ion:198 Resp: 298408  
Ion Ratio Lower Upper  
198 100  
51 37.9 17.7 57.7  
105 40.8 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 48.880 ng  
RT: 15.651 min Scan# 2153  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:169 Resp: 1619500  
Ion Ratio Lower Upper  
169 100  
168 66.2 51.6 77.4  
167 36.5 29.0 43.4

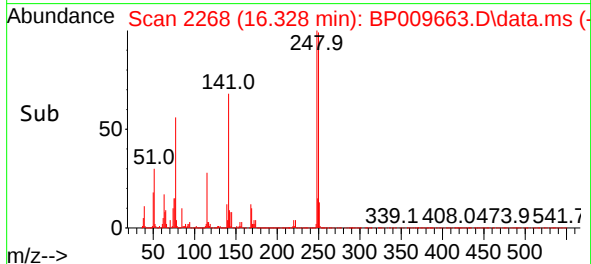
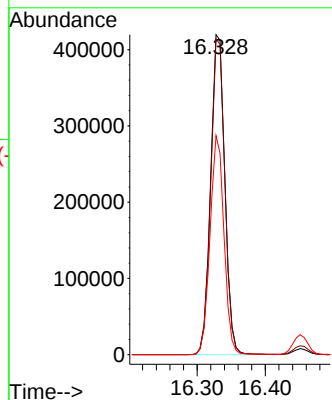
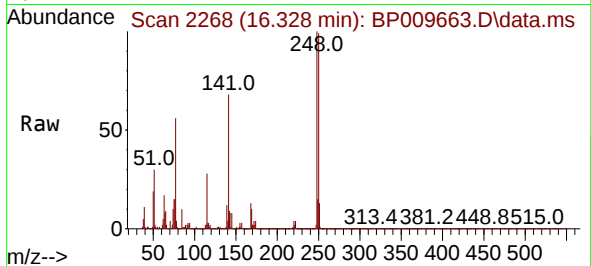




#67  
4-Bromophenyl-phenylether  
Concen: 44.445 ng  
RT: 16.328 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

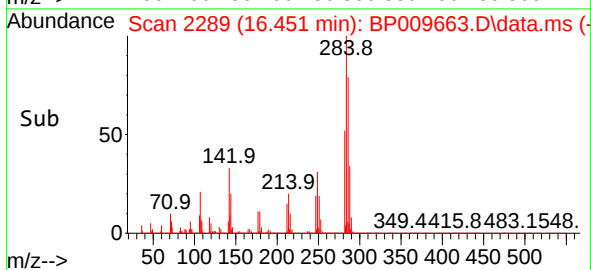
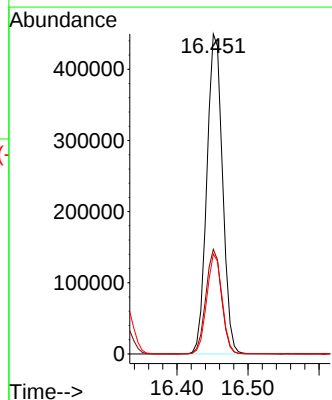
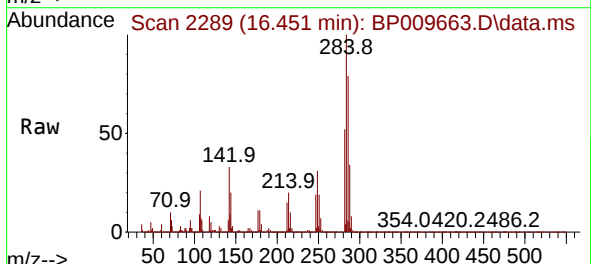
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

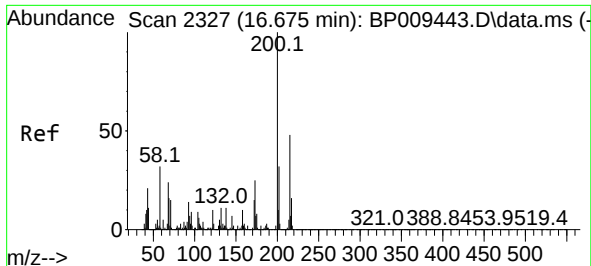
Tgt Ion:248 Resp: 608906  
Ion Ratio Lower Upper  
248 100  
250 98.7 77.7 116.5  
141 68.5 58.3 87.5



#68  
Hexachlorobenzene  
Concen: 43.774 ng  
RT: 16.451 min Scan# 2289  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:284 Resp: 690210  
Ion Ratio Lower Upper  
284 100  
142 32.7 26.8 40.2  
249 31.2 24.6 37.0

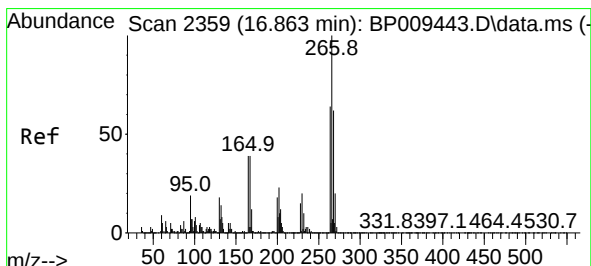
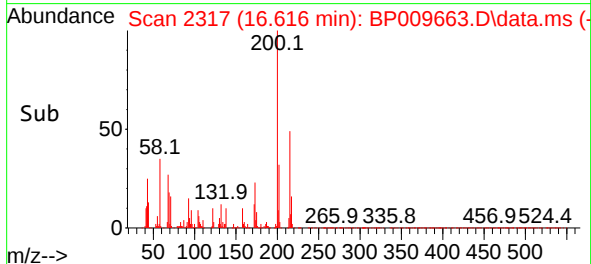
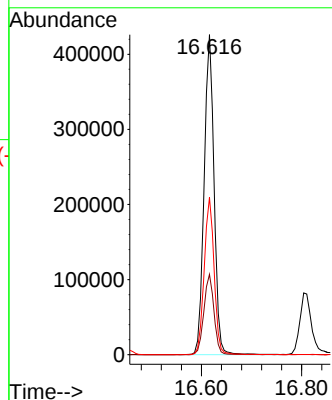
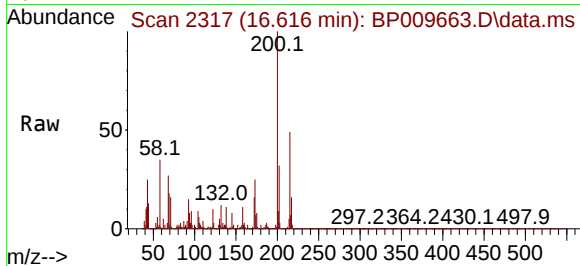




#69  
Atrazine  
Concen: 50.215 ng  
RT: 16.616 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

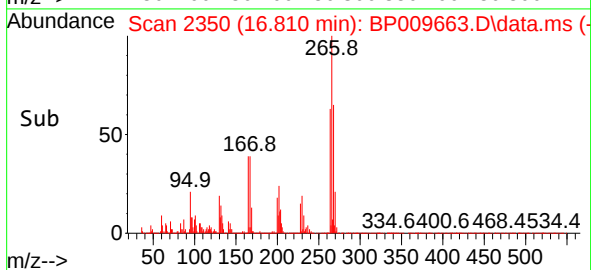
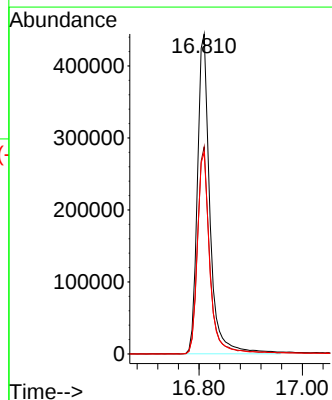
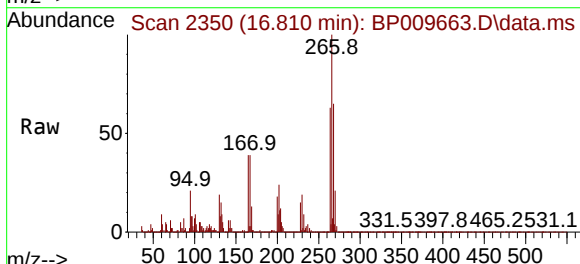
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

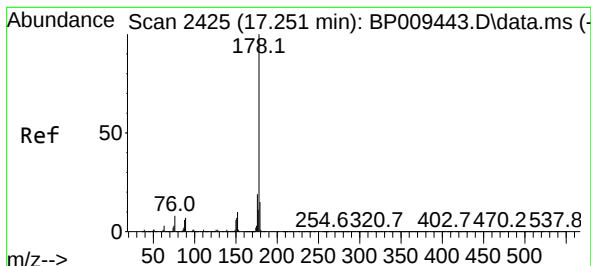
Tgt Ion:200 Resp: 584947  
Ion Ratio Lower Upper  
200 100  
173 25.1 6.2 46.2  
215 49.2 28.5 68.5



#70  
Pentachlorophenol  
Concen: 88.420 ng  
RT: 16.810 min Scan# 2350  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:266 Resp: 745262  
Ion Ratio Lower Upper  
266 100  
268 64.8 49.8 74.8  
264 63.0 50.9 76.3





#71

Phenanthrene

Concen: 47.337 ng

RT: 17.186 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

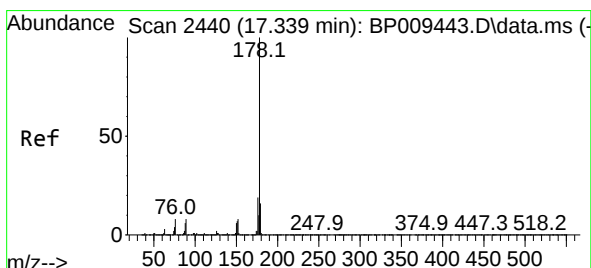
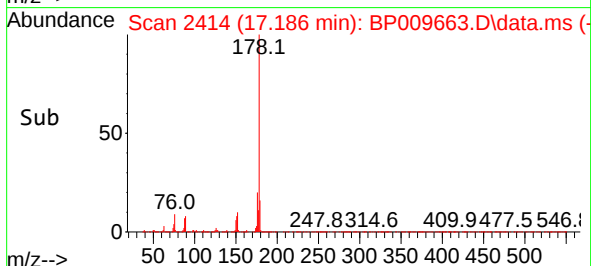
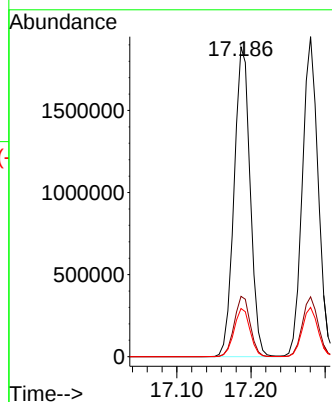
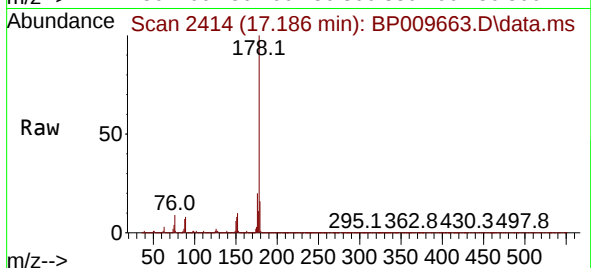
Tgt Ion:178 Resp: 2837034

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 48.995 ng

RT: 17.281 min Scan# 2430

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

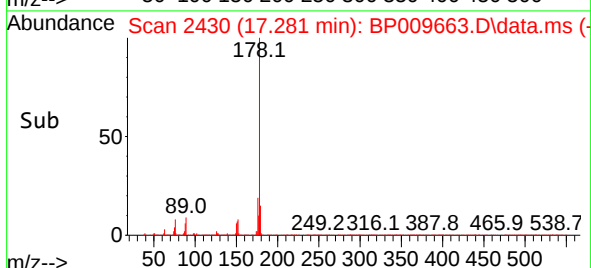
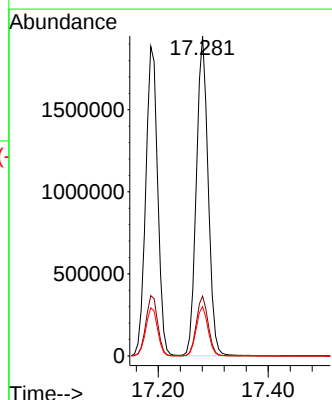
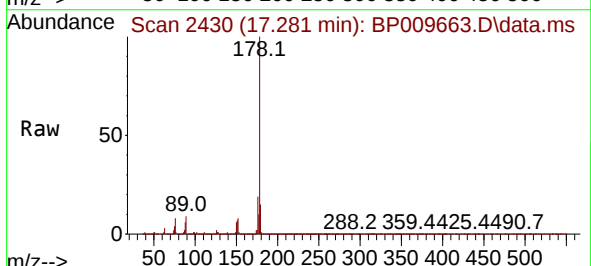
Tgt Ion:178 Resp: 2899195

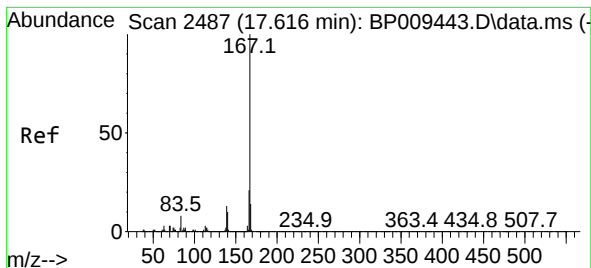
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 45.580 ng

RT: 17.557 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

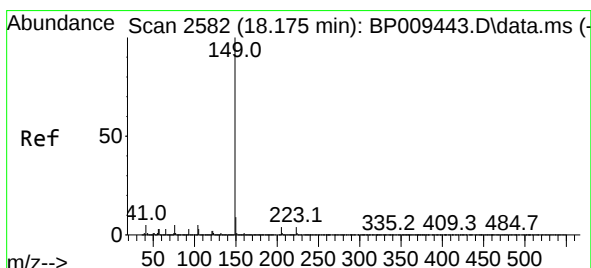
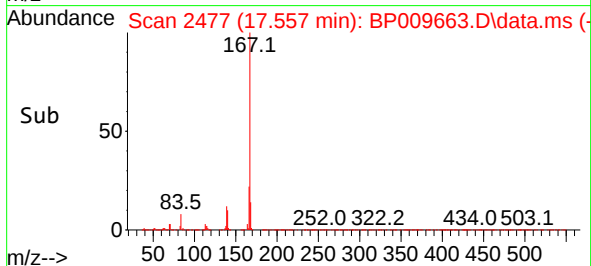
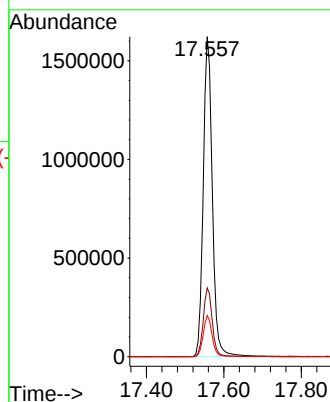
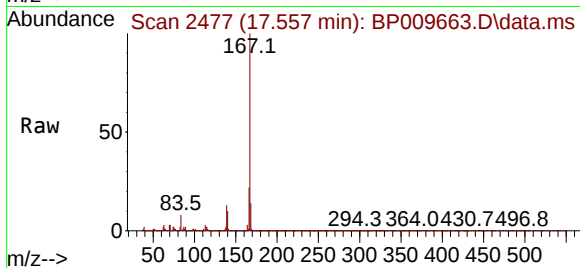
Tgt Ion:167 Resp: 2637693

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.318 ng

RT: 18.116 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

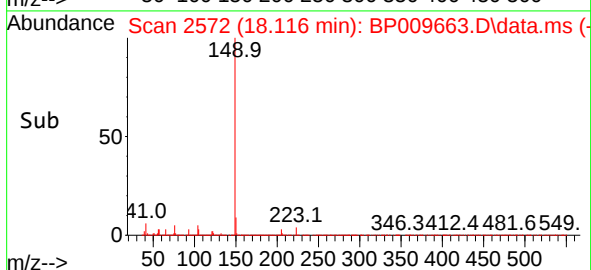
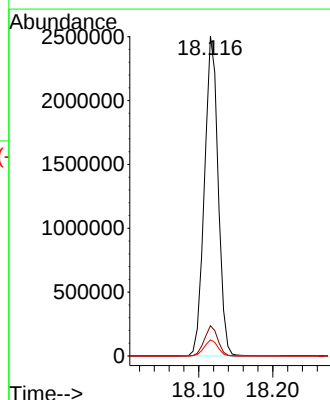
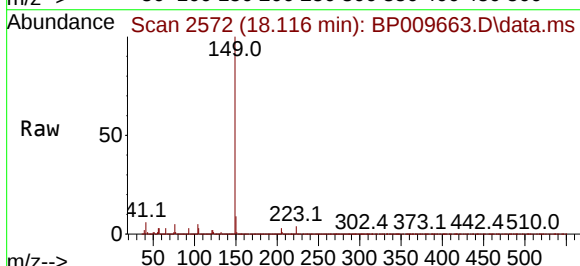
Tgt Ion:149 Resp: 3208818

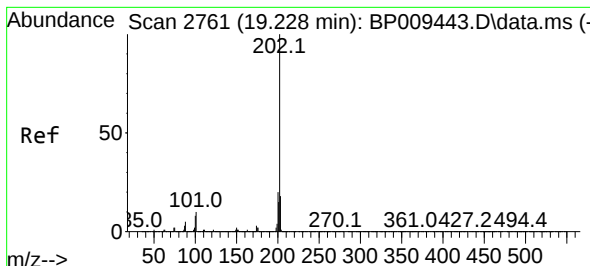
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 45.450 ng

RT: 19.175 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

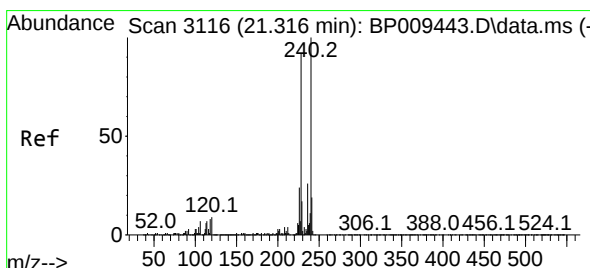
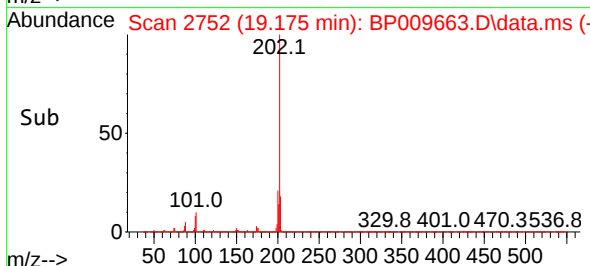
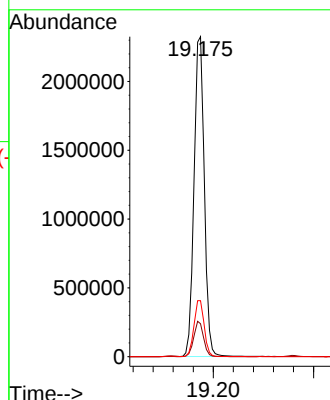
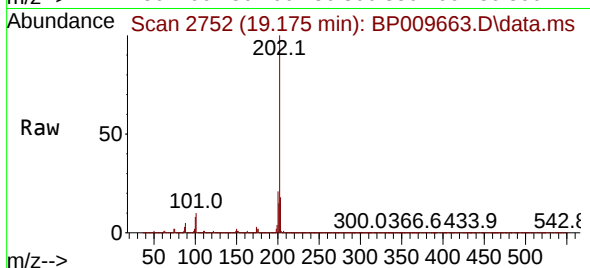
Tgt Ion:202 Resp: 3297723

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.5

203 17.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.263 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

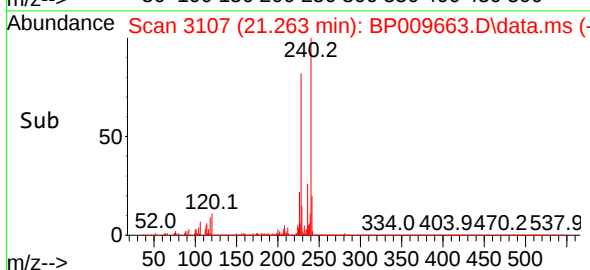
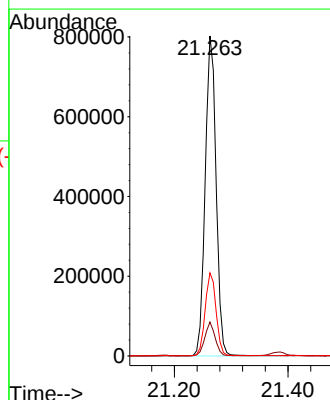
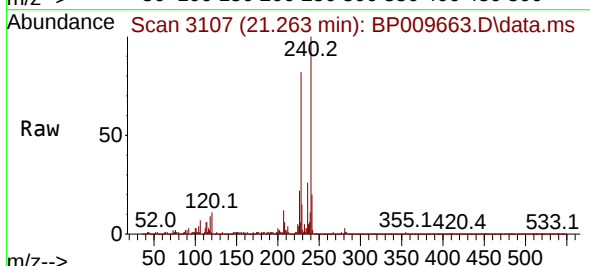
Tgt Ion:240 Resp: 1064538

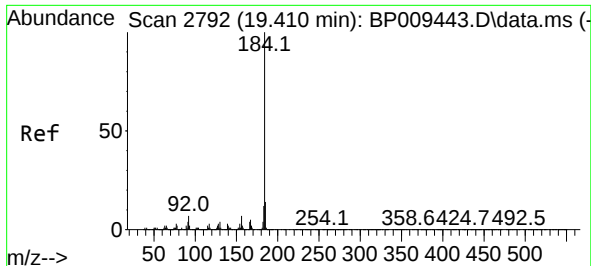
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.0 20.6 30.8

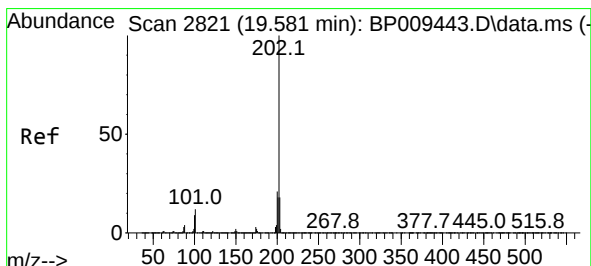
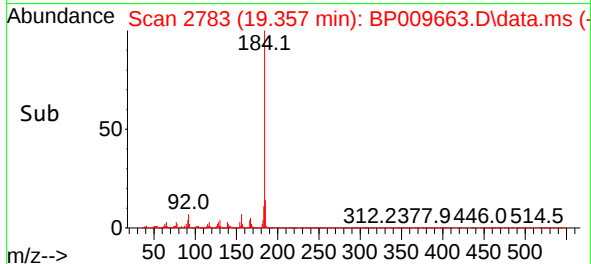
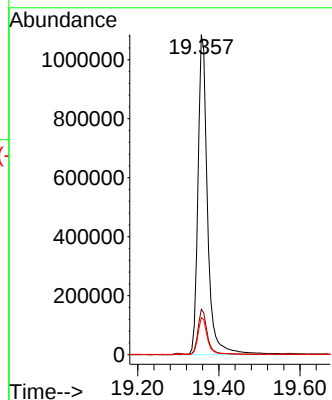
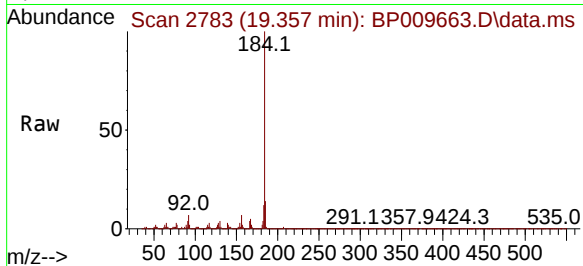




#77  
Benzidine  
Concen: 68.383 ng  
RT: 19.357 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

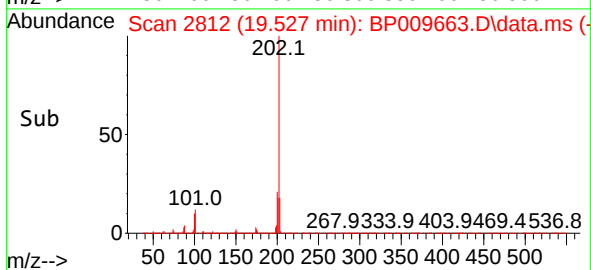
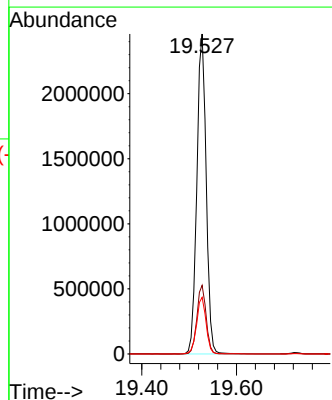
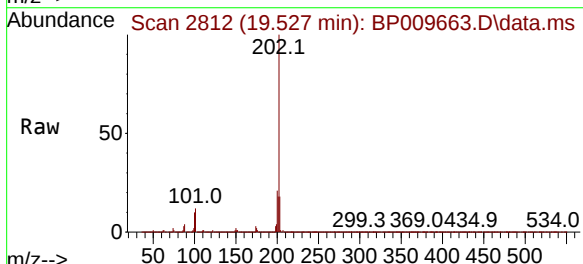
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

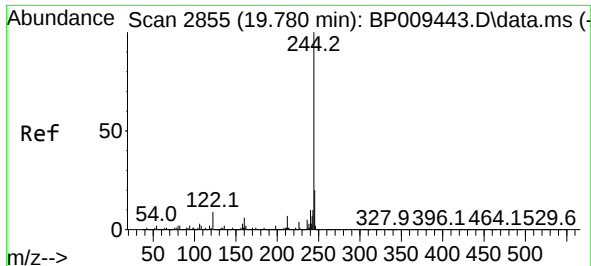
Tgt Ion:184 Resp: 1784331  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.6 9.4 14.0



#78  
Pyrene  
Concen: 48.051 ng  
RT: 19.527 min Scan# 2812  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:202 Resp: 3370707  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.8 25.2  
203 17.7 14.2 21.4

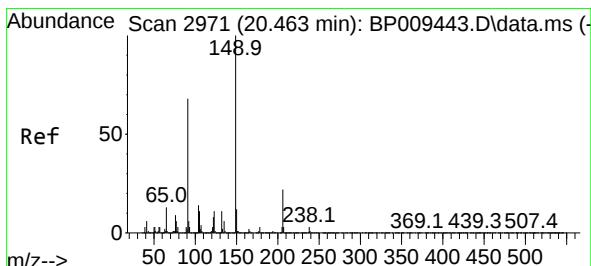
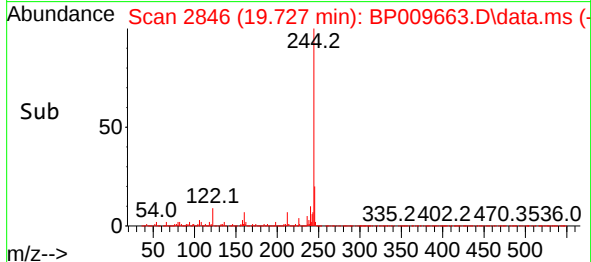
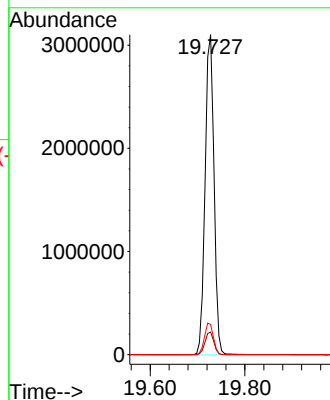
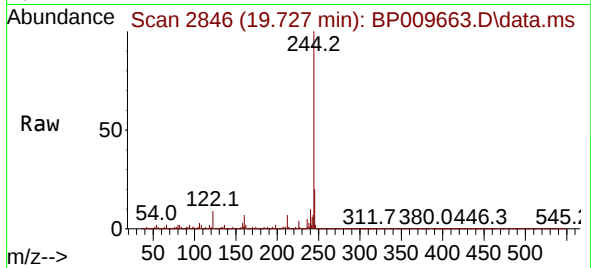




#79  
 Terphenyl-d14  
 Concen: 68.209 ng  
 RT: 19.727 min Scan# 2846  
 Delta R.T. -0.012 min  
 Lab File: BP009663.D  
 Acq: 01 Apr 2022 18:04

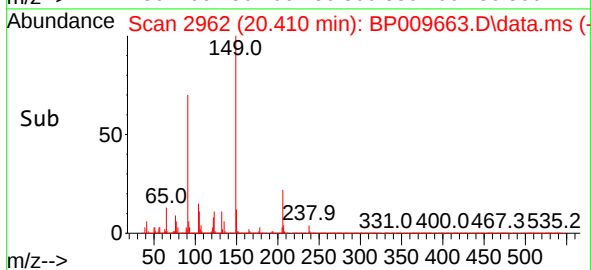
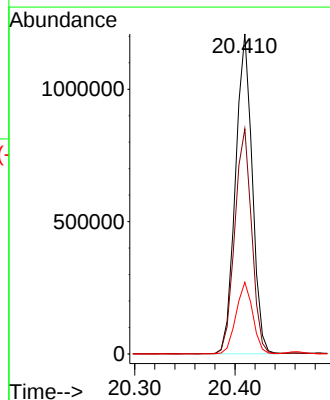
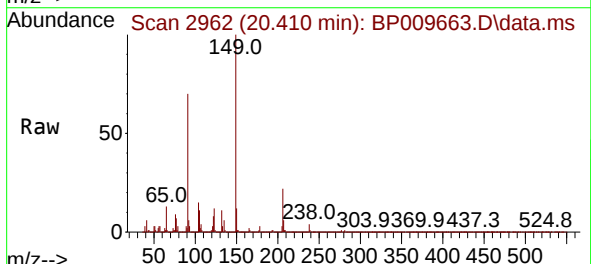
Instrument :  
 BNA\_P  
 ClientSampleId :  
 A04100MSD

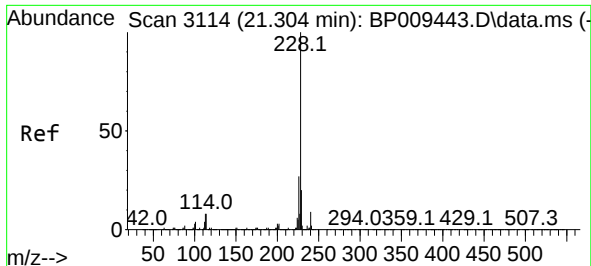
Tgt Ion:244 Resp: 4045461  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.6  
 122 9.4 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 47.139 ng  
 RT: 20.410 min Scan# 2962  
 Delta R.T. -0.012 min  
 Lab File: BP009663.D  
 Acq: 01 Apr 2022 18:04

Tgt Ion:149 Resp: 1405499  
 Ion Ratio Lower Upper  
 149 100  
 91 70.3 57.9 86.9  
 206 22.4 16.9 25.3

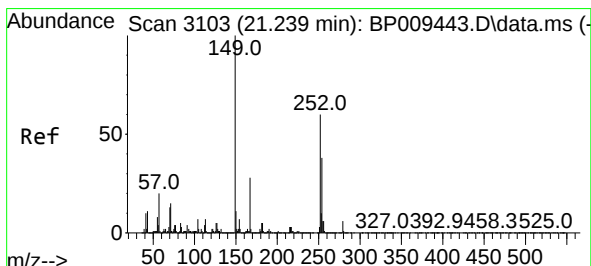
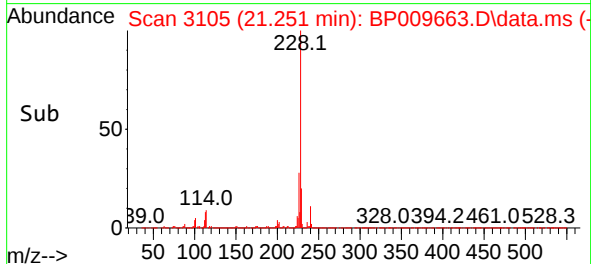
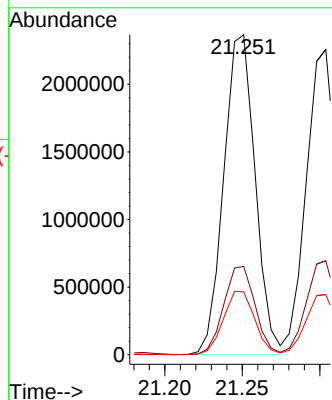
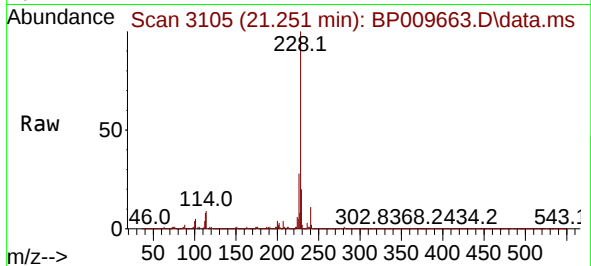




#81  
Benzo(a)anthracene  
Concen: 47.623 ng  
RT: 21.251 min Scan# 3114  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

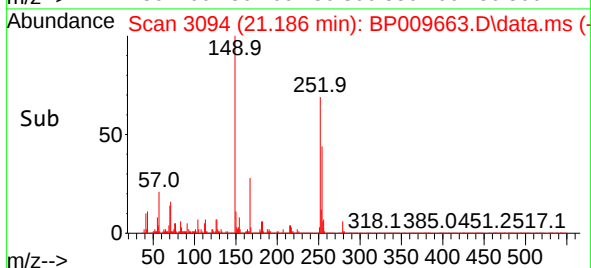
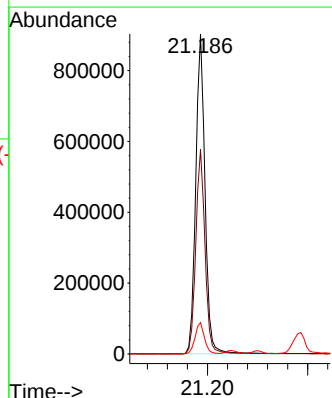
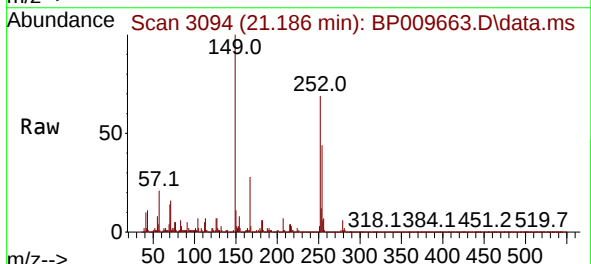
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

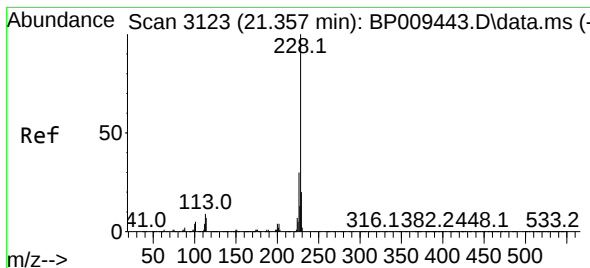
Tgt Ion:228 Resp: 3330701  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.0 33.0  
229 19.6 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 42.758 ng  
RT: 21.186 min Scan# 3094  
Delta R.T. -0.006 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:252 Resp: 1155247  
Ion Ratio Lower Upper  
252 100  
254 63.9 50.7 76.1  
126 9.8 8.9 13.3





#83

Chrysene

Concen: 46.972 ng

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

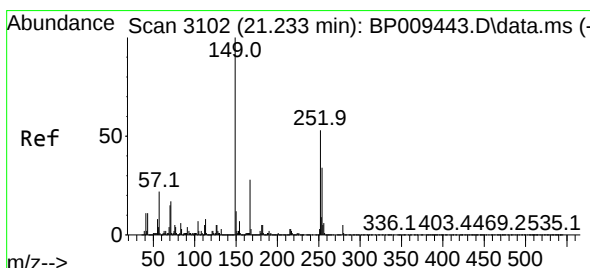
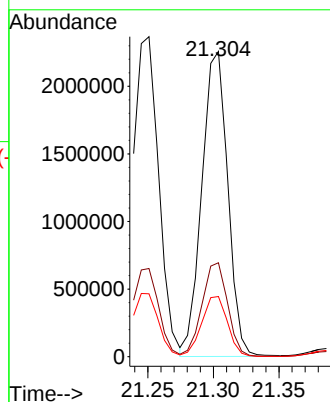
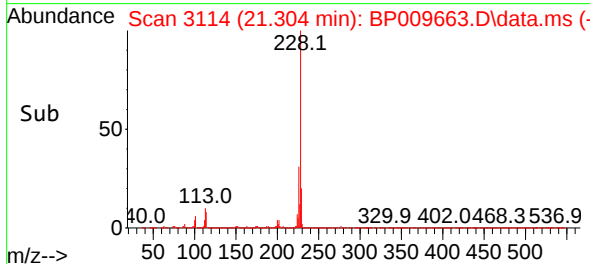
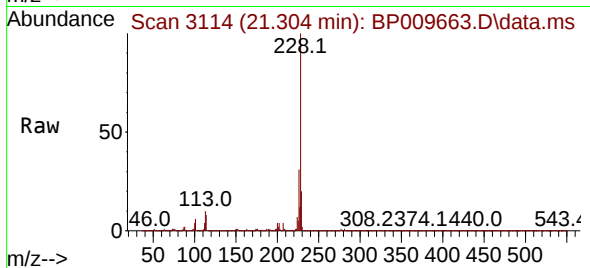
Tgt Ion:228 Resp: 3110815

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.395 ng

RT: 21.180 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

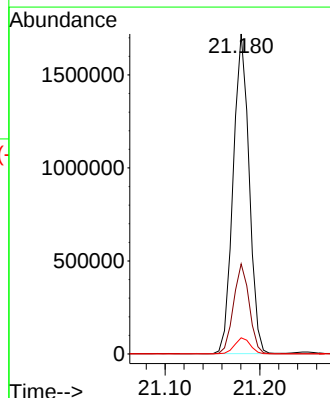
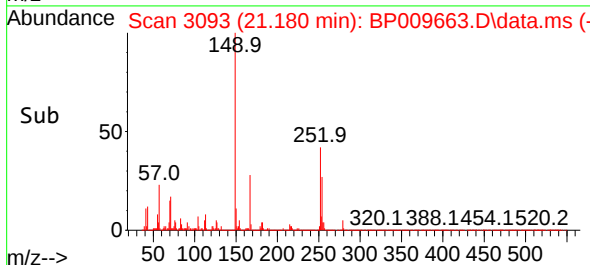
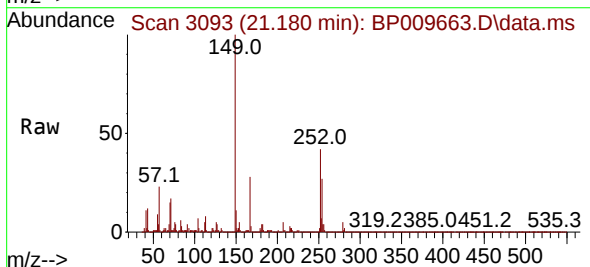
Tgt Ion:149 Resp: 2011246

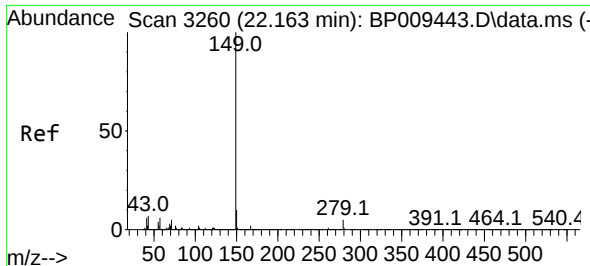
Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

279 5.0 3.8 5.6

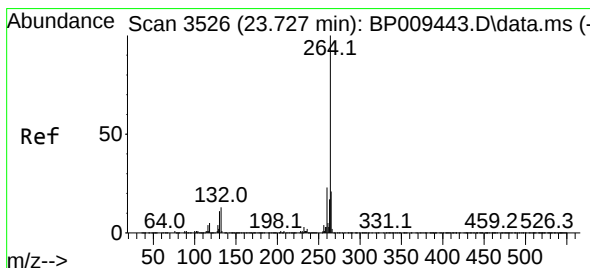
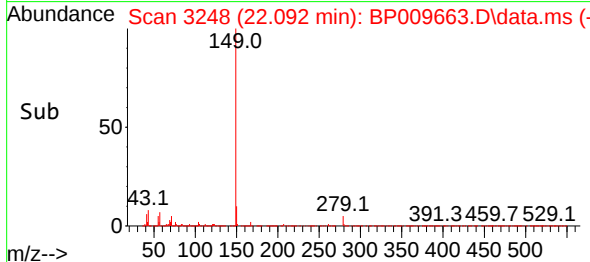
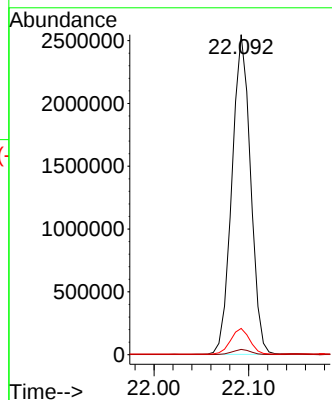
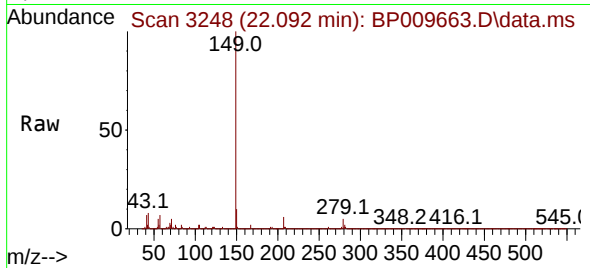




#85  
Di-n-octyl phthalate  
Concen: 48.542 ng  
RT: 22.092 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

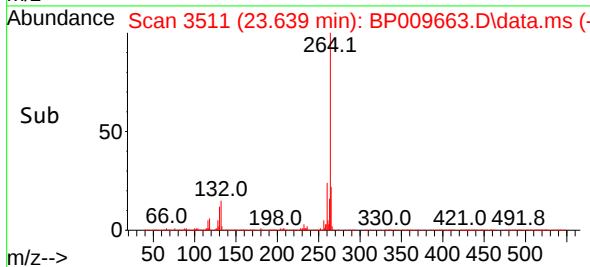
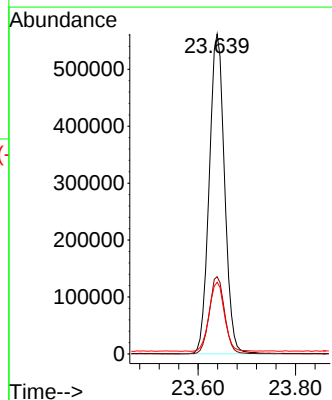
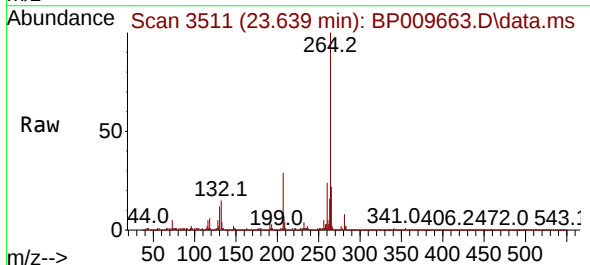
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

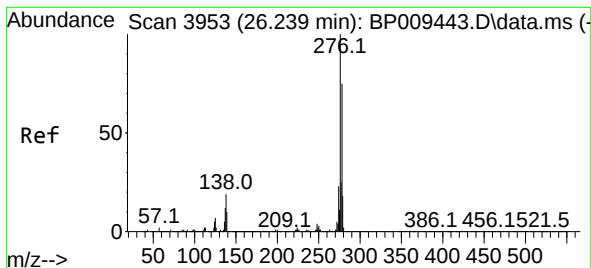
Tgt Ion:149 Resp: 3477224  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.639 min Scan# 3511  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:264 Resp: 1223725  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.0  
265 22.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.127 ng

RT: 26.121 min Scan# 3953

Delta R.T. -0.018 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

Instrument :

BNA\_P

ClientSampleId :

A04100MSD

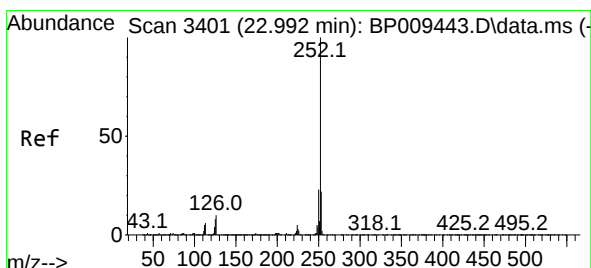
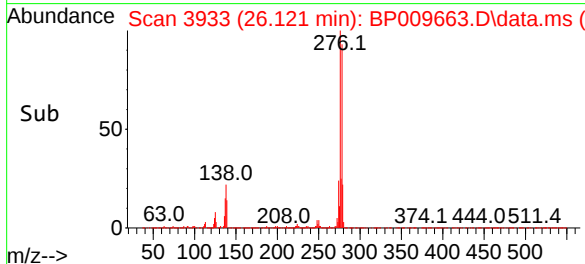
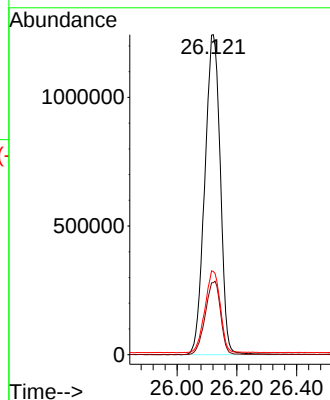
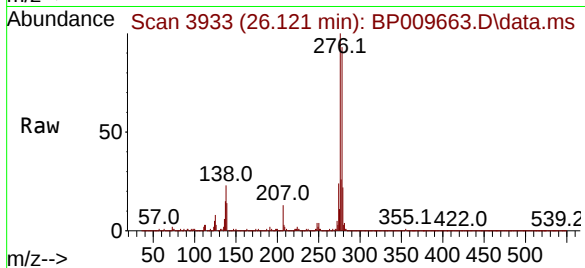
Tgt Ion:276 Resp: 4468144

Ion Ratio Lower Upper

276 100

138 22.7 20.5 30.7

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.635 ng

RT: 22.916 min Scan# 3388

Delta R.T. -0.012 min

Lab File: BP009663.D

Acq: 01 Apr 2022 18:04

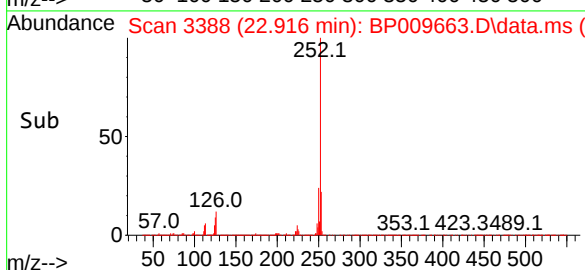
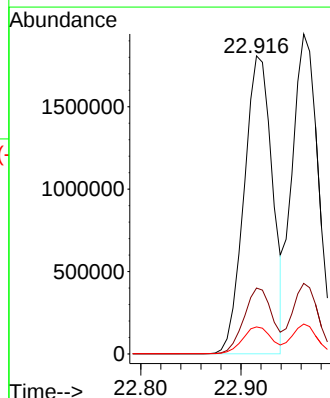
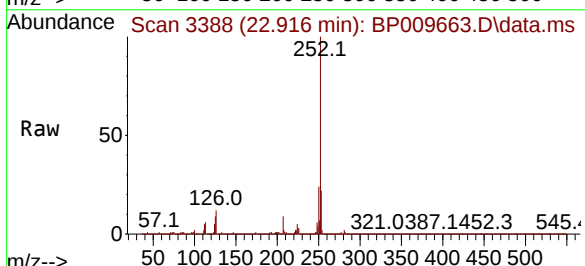
Tgt Ion:252 Resp: 3552962

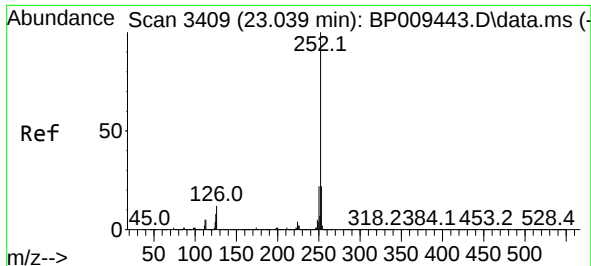
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.1 8.1 12.1

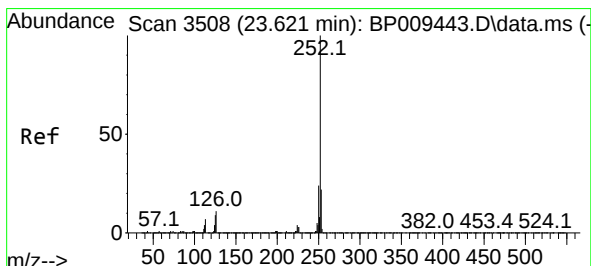
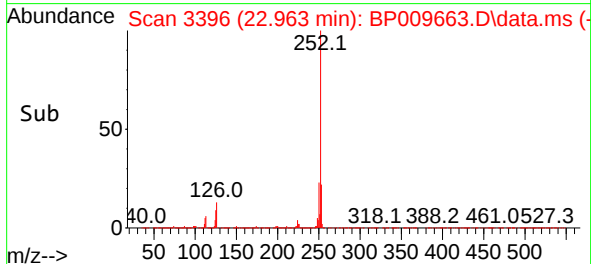
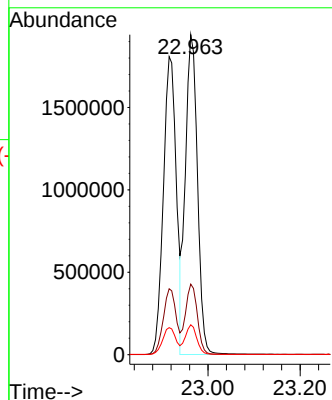
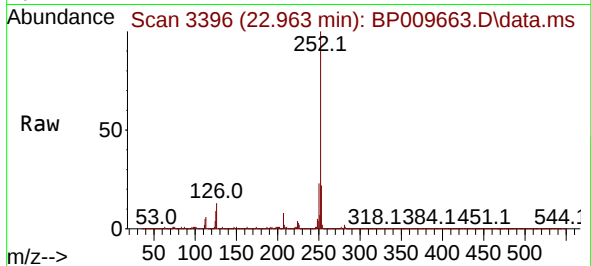




#89  
Benzo(k)fluoranthene  
Concen: 49.180 ng  
RT: 22.963 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

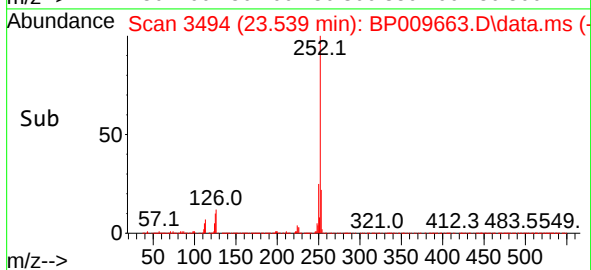
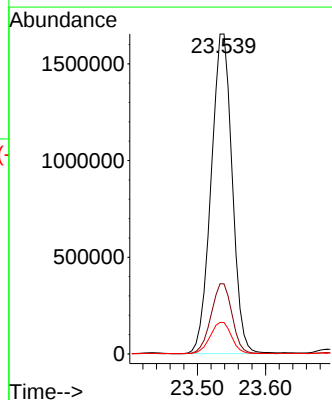
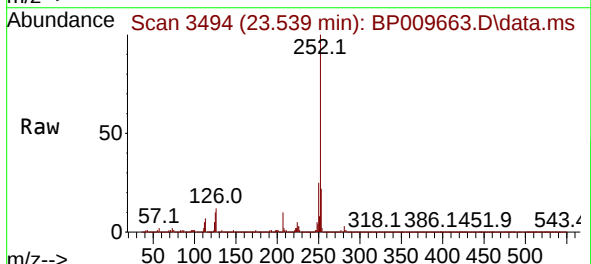
Instrument :  
BNA\_P  
ClientSampleId :  
A04100MSD

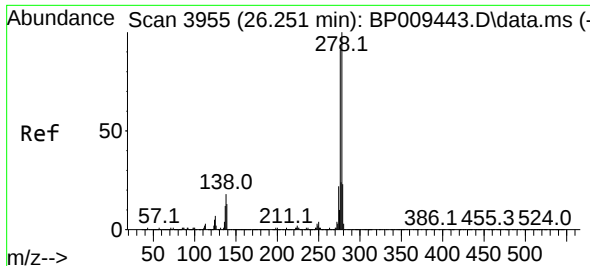
Tgt Ion:252 Resp: 3517663  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.4 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 56.921 ng  
RT: 23.539 min Scan# 3494  
Delta R.T. -0.012 min  
Lab File: BP009663.D  
Acq: 01 Apr 2022 18:04

Tgt Ion:252 Resp: 3557701  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.6  
125 9.9 9.3 13.9

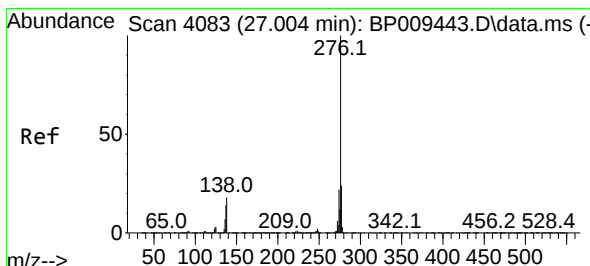
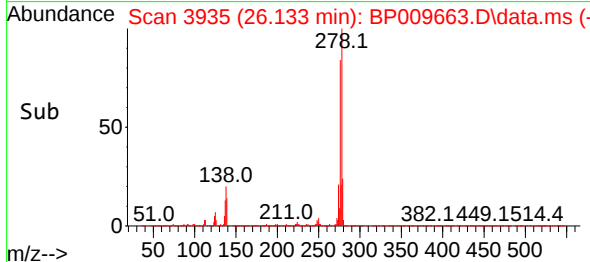
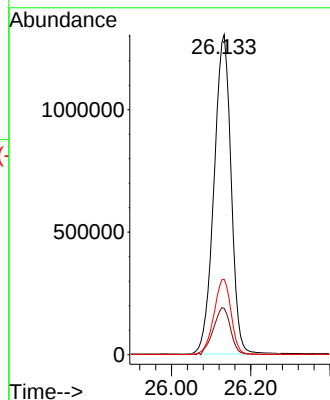
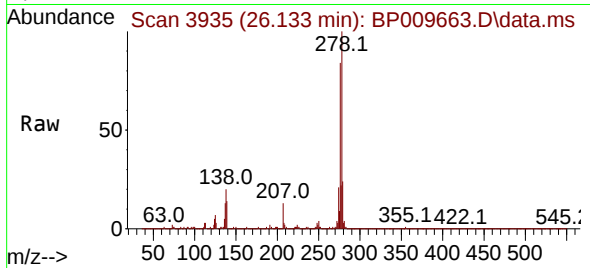




#91  
 Dibenzo(a,h)anthracene  
 Concen: 50.428 ng  
 RT: 26.133 min Scan# 3955  
 Delta R.T. -0.018 min  
 Lab File: BP009663.D  
 Acq: 01 Apr 2022 18:04

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A04100MSD

Tgt Ion:278 Resp: 3901932  
 Ion Ratio Lower Upper  
 278 100  
 139 14.5 13.2 19.8  
 279 23.6 19.2 28.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 51.390 ng  
 RT: 26.880 min Scan# 4062  
 Delta R.T. -0.018 min  
 Lab File: BP009663.D  
 Acq: 01 Apr 2022 18:04

Tgt Ion:276 Resp: 3911786  
 Ion Ratio Lower Upper  
 276 100  
 277 24.5 19.2 28.8  
 138 19.3 18.0 27.0

