

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020724\  
 Data File : BP019603.D  
 Acq On : 07 Feb 2024 20:22  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Feb 08 01:32:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 78249    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.705 | 136  | 306281   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.540 | 164  | 214498   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.292 | 188  | 494866   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.386 | 240  | 490016   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.792 | 264  | 550493   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 379601   | 78.197 | ng    | -0.01    |
| 7) Phenol-d6                  | 7.075  | 99   | 532732   | 81.389 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 557464   | 78.868 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 272434   | 86.989 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.169 | 172  | 1321617  | 76.169 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.863 | 244  | 2414977  | 81.049 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 71204    | 38.071 | ng    | 98       |
| 3) Pyridine                   | 3.781  | 79   | 204038   | 40.239 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 87983    | 39.854 | ng    | 97       |
| 6) Aniline                    | 7.240  | 93   | 256043   | 40.258 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 200542   | 40.238 | ng    | 98       |
| 9) Benzaldehyde               | 7.052  | 77   | 228227   | 49.732 | ng    | 99       |
| 10) Phenol                    | 7.099  | 94   | 261846   | 40.137 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.340  | 93   | 199894   | 39.384 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 240172   | 39.383 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 244639   | 39.595 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.252  | 146  | 233619   | 39.080 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.152  | 79   | 212556   | 40.642 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446  | 45   | 194565   | 38.335 | ng    | 100      |
| 17) 2-Methylphenol            | 8.352  | 107  | 179648   | 40.903 | ng    | 99       |
| 18) Hexachloroethane          | 8.975  | 117  | 92920    | 38.800 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 178214   | 39.861 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 252026   | 42.046 | ng    | 98       |
| 22) Acetophenone              | 8.734  | 105  | 340224   | 38.992 | ng    | 99       |
| 24) Nitrobenzene              | 9.116  | 77   | 281325   | 39.530 | ng    | 99       |
| 25) Isophorone                | 9.640  | 82   | 497602   | 40.423 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 112580   | 41.488 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.881  | 122  | 140863   | 40.597 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 274276   | 39.380 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.352 | 162  | 219612   | 41.869 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 256088   | 39.819 | ng    | 99       |
| 31) Naphthalene               | 10.758 | 128  | 665214   | 39.600 | ng    | 100      |
| 32) Benzoic acid              | 10.022 | 122  | 157506   | 46.590 | ng    | 95       |
| 33) 4-Chloroaniline           | 10.875 | 127  | 257329   | 41.423 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.028 | 225  | 189604   | 39.785 | ng    | 98       |
| 35) Caprolactam               | 11.669 | 113  | 69326    | 46.688 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.993 | 107  | 249495   | 43.624 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 482789   | 41.530 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.581 | 142  | 471322   | 41.257 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 316603   | 38.272 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.699 | 237  | 111943   | 29.955 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 202470   | 40.420 | ng    | 100      |

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 Acq On : 07 Feb 2024 20:22  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

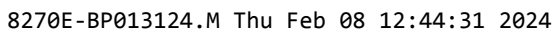
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

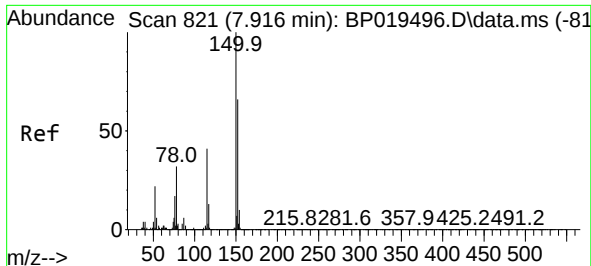
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.040 | 196  | 230565   | 41.918 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.375 | 154  | 647022   | 37.794 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.416 | 162  | 536300   | 38.162 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.628 | 65   | 162711   | 41.406 | ng    | 97       |
| 49) Acenaphthylene            | 14.263 | 152  | 779615   | 39.542 | ng    | 99       |
| 50) Dimethylphthalate         | 14.010 | 163  | 668295   | 40.699 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.128 | 165  | 152622   | 42.305 | ng    | 98       |
| 52) Acenaphthene              | 14.604 | 154  | 483230   | 39.489 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.457 | 138  | 143772   | 43.364 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 68460    | 36.548 | ng    | 96       |
| 55) Dibenzofuran              | 14.940 | 168  | 801151   | 40.197 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.757 | 139  | 118535   | 43.619 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.916 | 165  | 212274   | 44.900 | ng    | 98       |
| 58) Fluorene                  | 15.587 | 166  | 655269   | 41.279 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232  | 205730   | 44.467 | ng    | 98       |
| 60) Diethylphthalate          | 15.375 | 149  | 686772   | 42.049 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.587 | 204  | 370451   | 41.521 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.616 | 138  | 155506   | 44.747 | ng    | 97       |
| 63) Azobenzene                | 15.881 | 77   | 641816   | 40.637 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198  | 107435   | 38.074 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.804 | 169  | 556479   | 37.547 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.487 | 248  | 208930   | 33.772 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.587 | 284  | 283900   | 39.298 | ng    | 95       |
| 69) Atrazine                  | 16.769 | 200  | 196041   | 39.862 | ng    | 98       |
| 70) Pentachlorophenol         | 16.934 | 266  | 195519   | 43.459 | ng    | 99       |
| 71) Phenanthrene              | 17.334 | 178  | 1021347  | 39.217 | ng    | 99       |
| 72) Anthracene                | 17.428 | 178  | 1027742  | 39.560 | ng    | 99       |
| 73) Carbazole                 | 17.704 | 167  | 956201   | 40.515 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.263 | 149  | 1158017  | 40.580 | ng    | 100      |
| 75) Fluoranthene              | 19.304 | 202  | 1323322  | 41.595 | ng    | 99       |
| 77) Benzidine                 | 19.492 | 184  | 624938   | 61.002 | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1366997  | 39.528 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 513245   | 39.740 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.369 | 228  | 1362017  | 39.486 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.304 | 252  | 499084   | 39.706 | ng    | 99       |
| 83) Chrysene                  | 21.422 | 228  | 1271506  | 38.826 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 743369   | 37.799 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.257 | 149  | 1271668  | 36.752 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.316 | 276  | 1553262  | 36.861 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.063 | 252  | 1399049  | 40.324 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.116 | 252  | 1326943  | 40.038 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.692 | 252  | 1218151  | 39.460 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.345 | 278  | 1283947  | 37.047 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.092 | 276  | 1284857  | 36.543 | ng    | 99       |

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

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QLast Update : Thu Feb 01 00:51:48 2024  
Response via : Initial Calibration

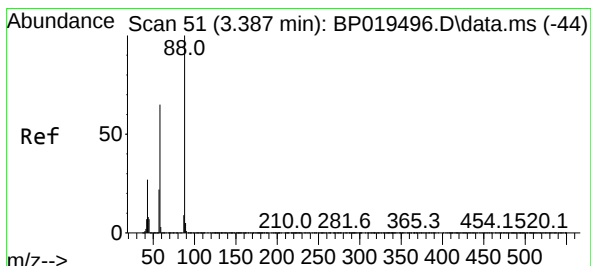
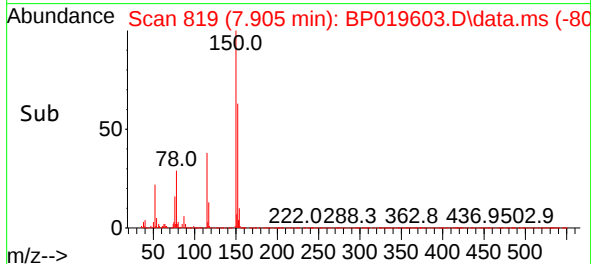
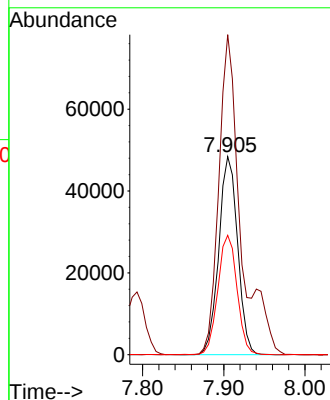
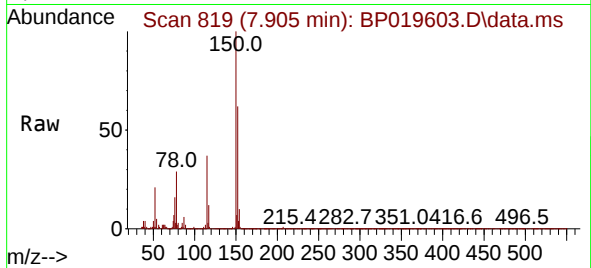




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.905 min Scan# 81  
 Delta R.T. -0.011 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

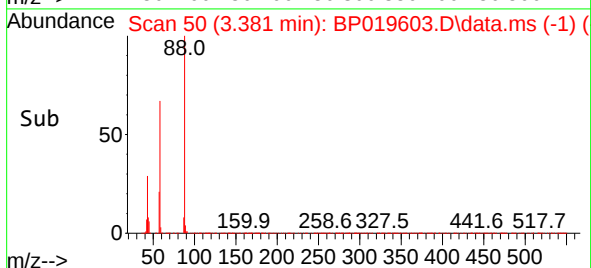
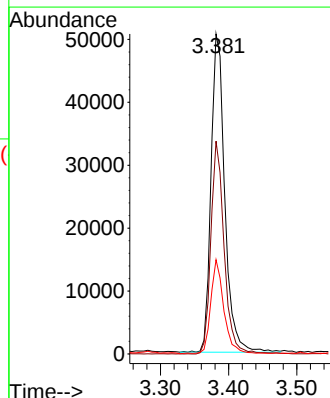
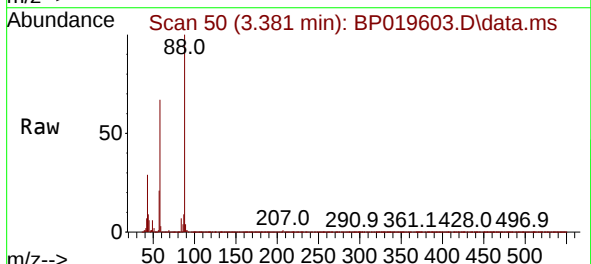
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:152 Resp: 78249  
 Ion Ratio Lower Upper  
 152 100  
 150 161.5 121.8 182.8  
 115 60.3 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 38.071 ng  
 RT: 3.381 min Scan# 50  
 Delta R.T. -0.005 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

Tgt Ion: 88 Resp: 71204  
 Ion Ratio Lower Upper  
 88 100  
 58 64.5 52.6 78.8  
 43 28.3 21.9 32.9

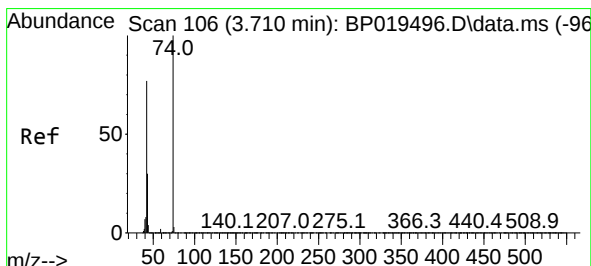
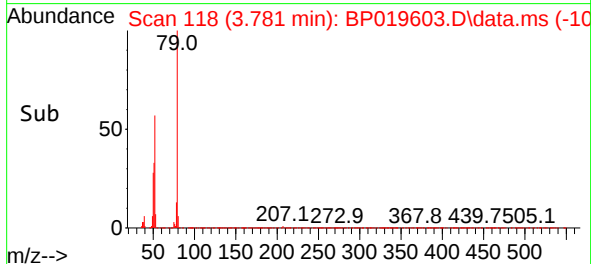
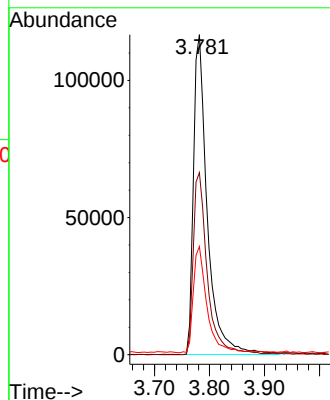
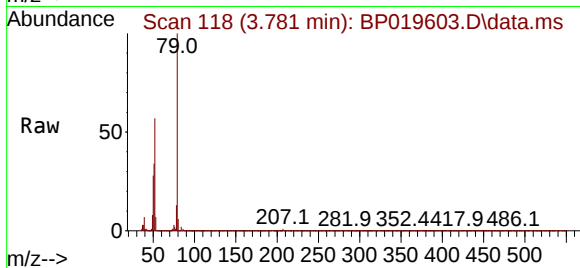




#3  
Pyridine  
Concen: 40.239 ng  
RT: 3.781 min Scan# 119  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

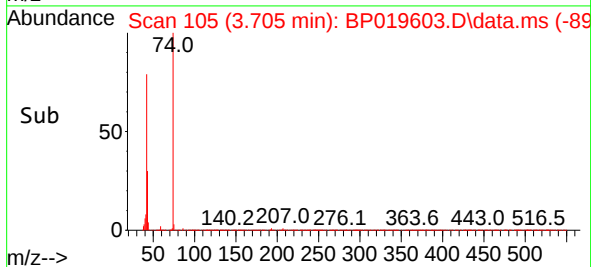
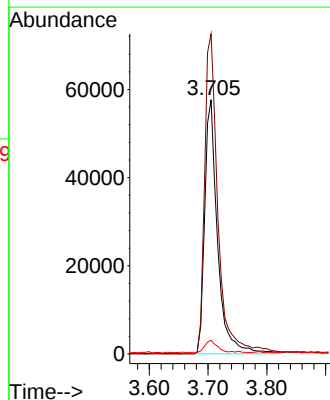
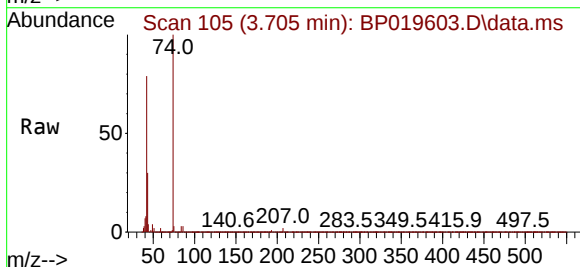
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BNA\_P  
ClientSampleId :  
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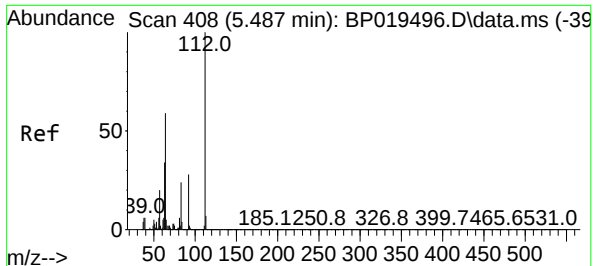
Tgt Ion: 79 Resp: 204038  
Ion Ratio Lower Upper  
79 100  
52 56.9 45.0 67.6  
51 33.8 26.8 40.2



#4  
n-Nitrosodimethylamine  
Concen: 39.854 ng  
RT: 3.705 min Scan# 105  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 42 Resp: 87983  
Ion Ratio Lower Upper  
42 100  
74 125.9 103.4 155.2  
44 5.4 4.8 7.2

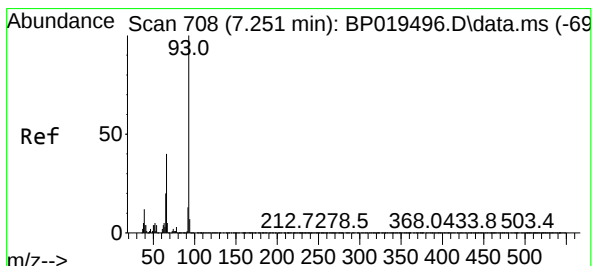
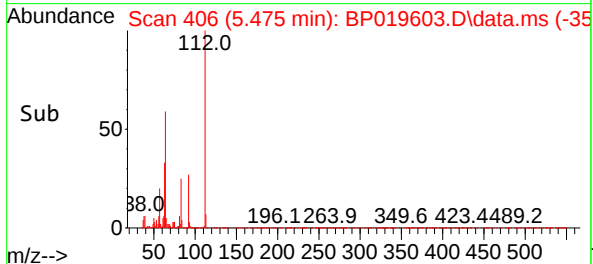
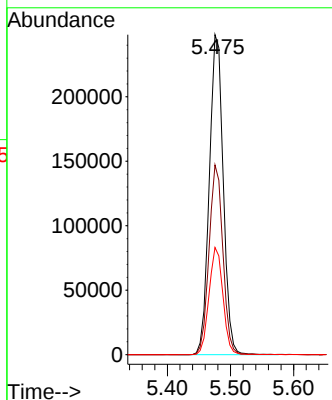
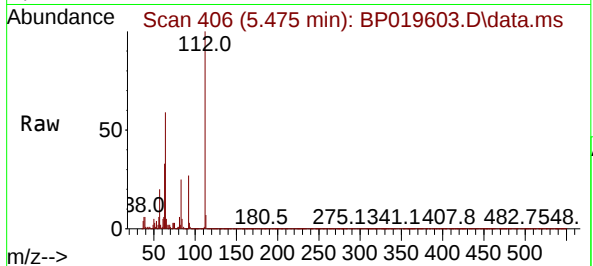




#5  
2-Fluorophenol  
Concen: 78.197 ng  
RT: 5.475 min Scan# 408  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

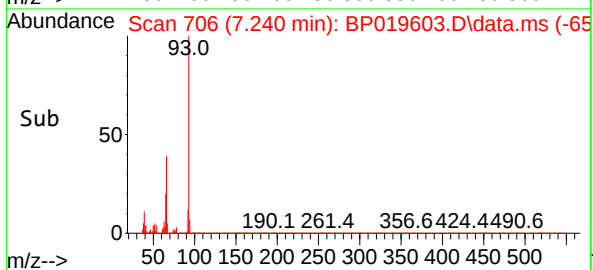
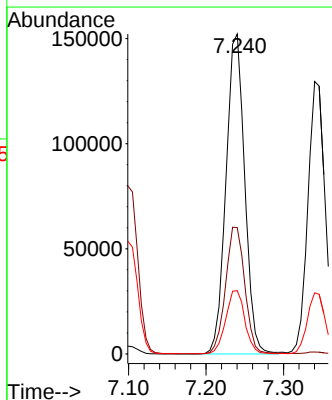
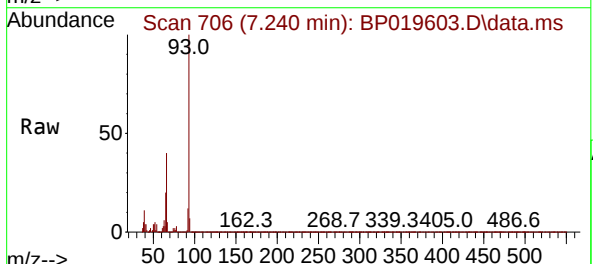
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:112 Resp: 379601  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.4 71.0  
63 33.5 27.0 40.6



#6  
Aniline  
Concen: 40.258 ng  
RT: 7.240 min Scan# 706  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 93 Resp: 256043  
Ion Ratio Lower Upper  
93 100  
66 39.5 32.3 48.5  
65 19.8 16.4 24.6

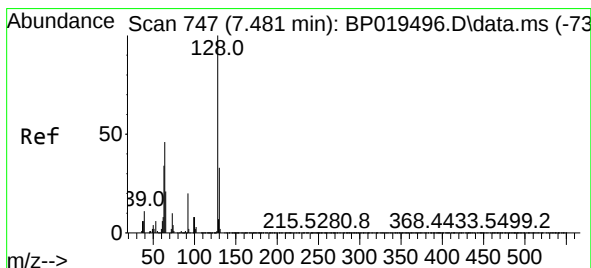
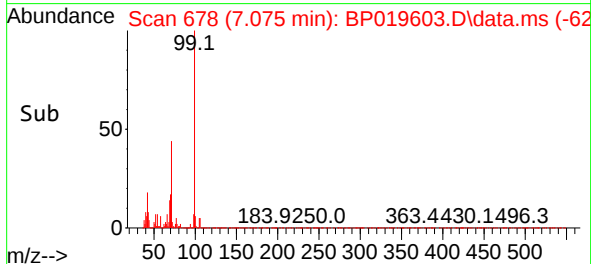
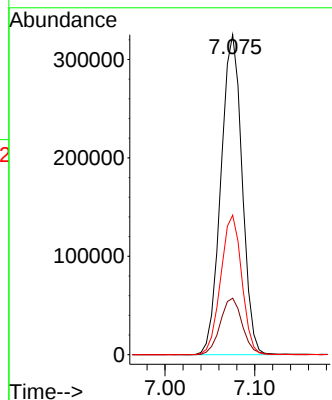
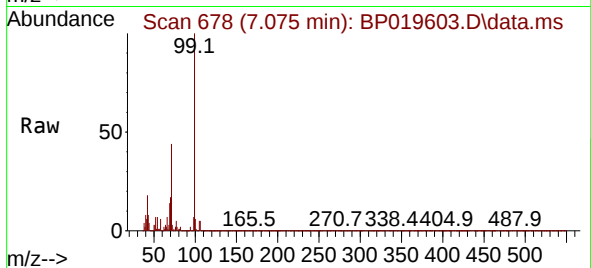




#7  
Phenol-d6  
Concen: 81.389 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

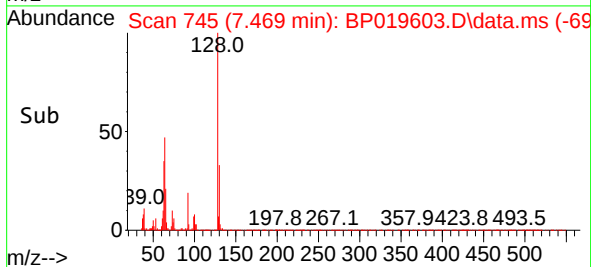
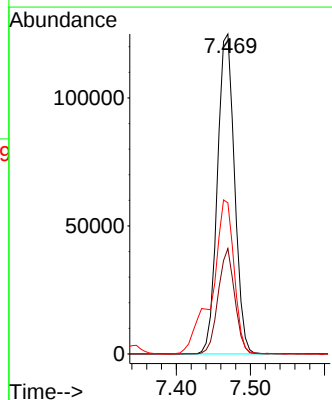
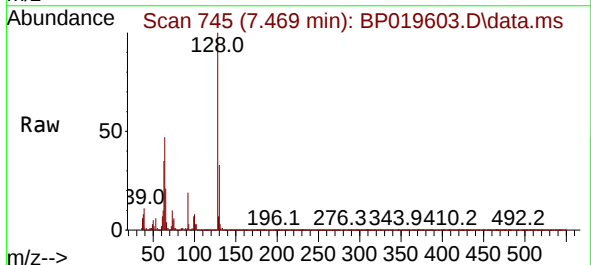
Instrument :  
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ClientSampleId :  
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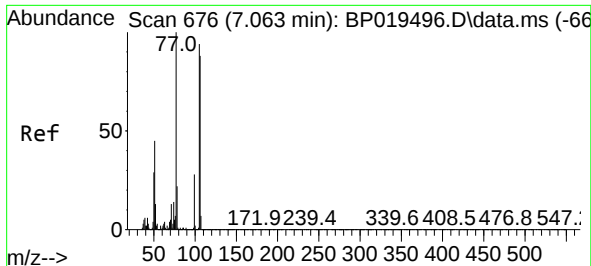
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Ion Ratio Lower Upper  
99 100  
42 17.6 14.7 22.1  
71 43.6 34.8 52.2



#8  
2-Chlorophenol  
Concen: 40.238 ng  
RT: 7.469 min Scan# 745  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:128 Resp: 200542  
Ion Ratio Lower Upper  
128 100  
130 33.0 13.3 53.3  
64 47.2 29.7 69.7

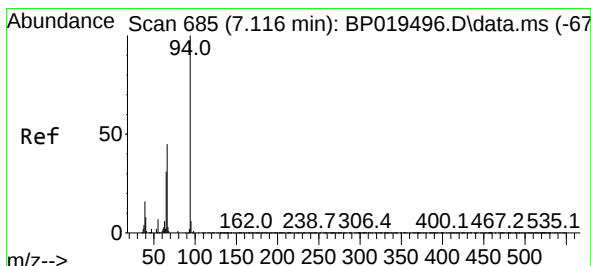
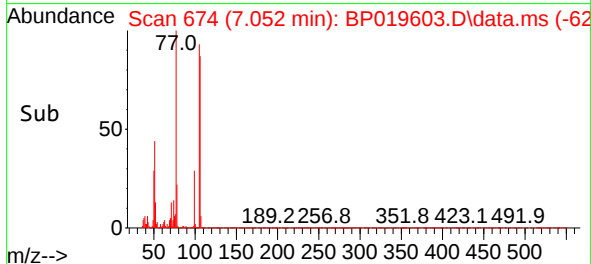
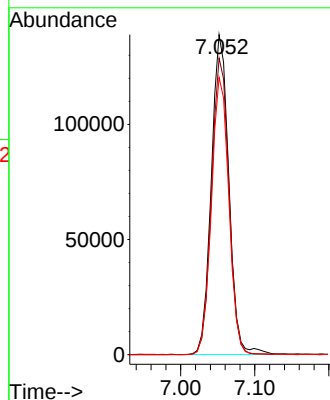
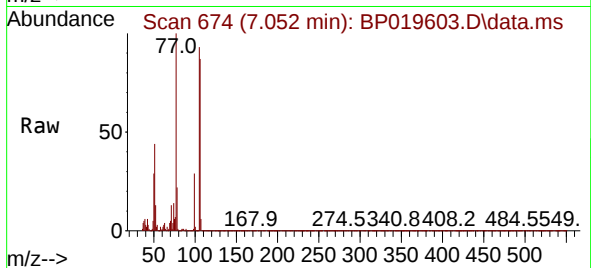




#9  
Benzaldehyde  
Concen: 49.732 ng  
RT: 7.052 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

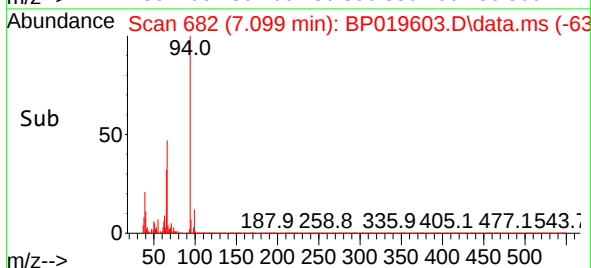
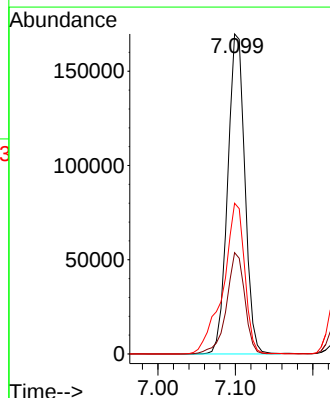
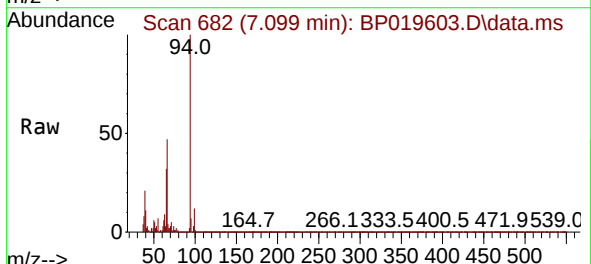
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

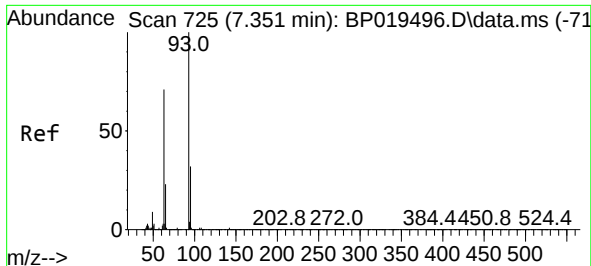
Tgt Ion: 77 Resp: 228227  
Ion Ratio Lower Upper  
77 100  
105 92.7 74.0 114.0  
106 86.6 67.8 107.8



#10  
Phenol  
Concen: 40.137 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.017 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 94 Resp: 261846  
Ion Ratio Lower Upper  
94 100  
65 31.6 11.3 51.3  
66 47.1 25.1 65.1

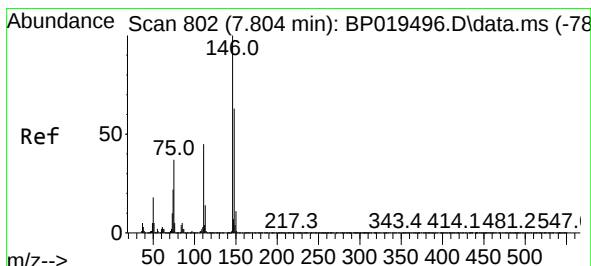
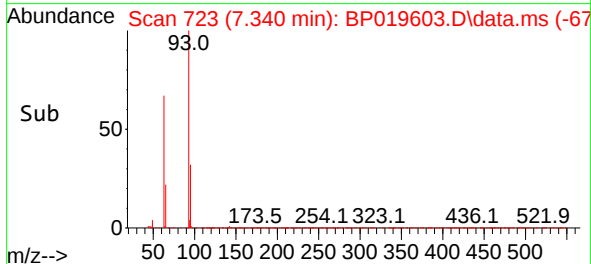
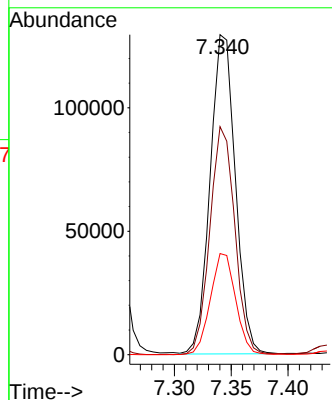
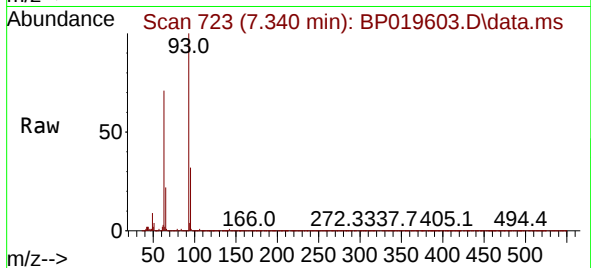




#11  
bis(2-Chloroethyl)ether  
Concen: 39.384 ng  
RT: 7.340 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

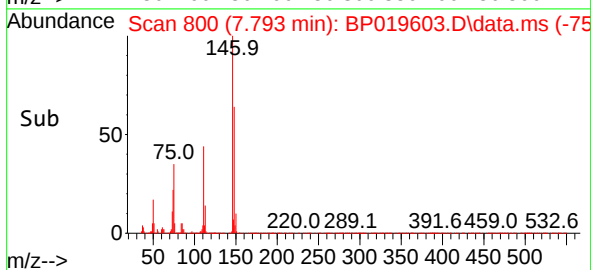
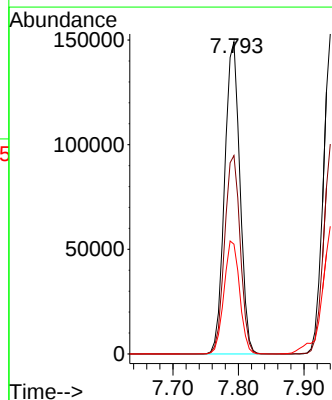
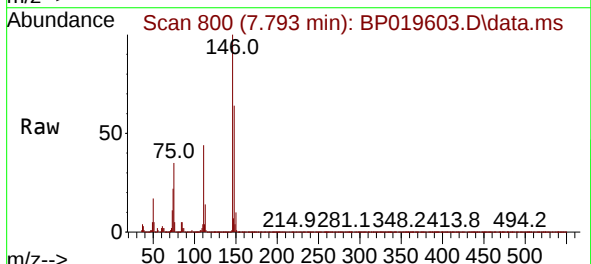
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

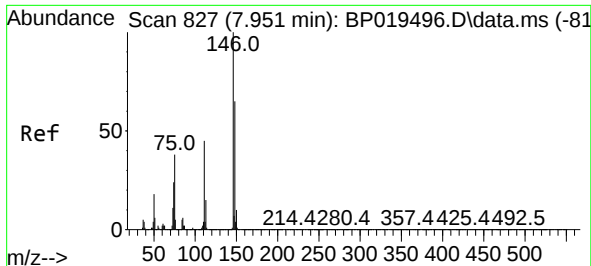
Tgt Ion: 93 Resp: 199894  
Ion Ratio Lower Upper  
93 100  
63 71.2 51.2 91.2  
95 31.6 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 39.383 ng  
RT: 7.793 min Scan# 800  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 146 Resp: 240172  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.4 75.6  
75 35.2 29.9 44.9

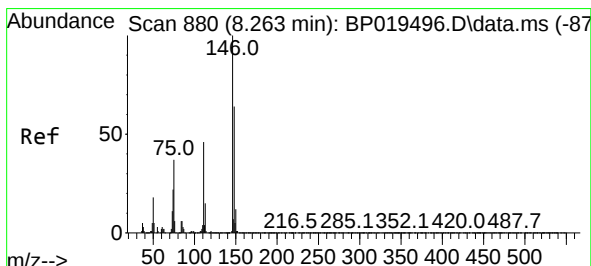
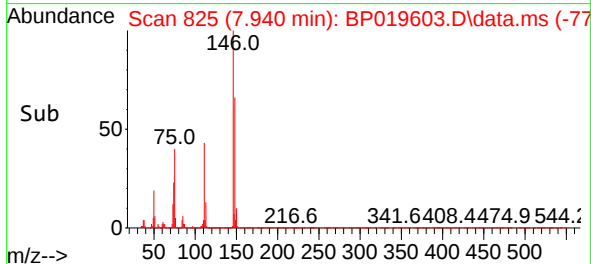
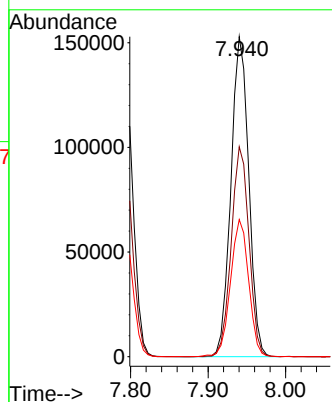
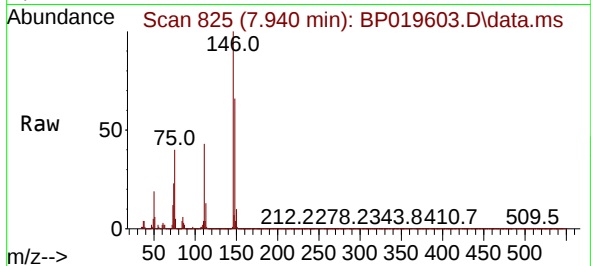




#13  
1,4-Dichlorobenzene  
Concen: 39.595 ng  
RT: 7.940 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

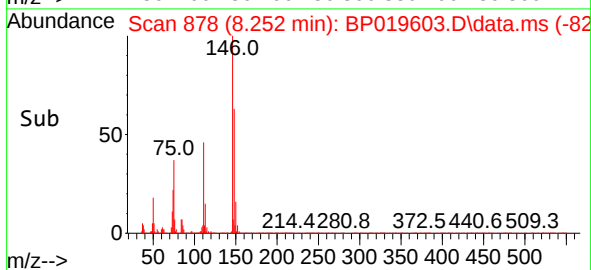
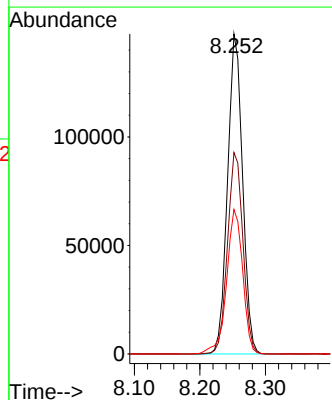
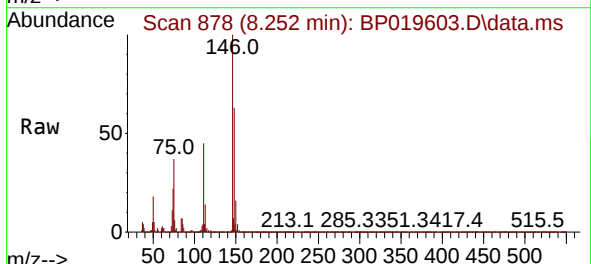
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

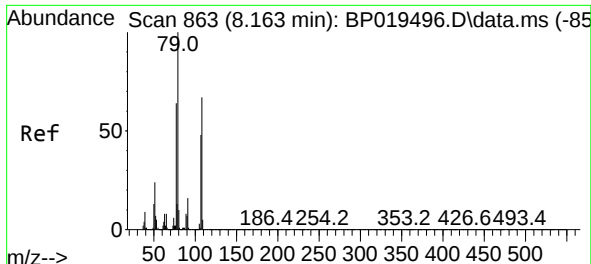
Tgt Ion:146 Resp: 244639  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.9 77.9  
111 42.9 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 39.080 ng  
RT: 8.252 min Scan# 878  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:146 Resp: 233619  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.4 77.0  
111 45.2 37.0 55.6

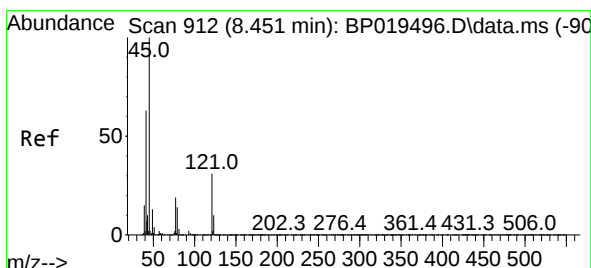
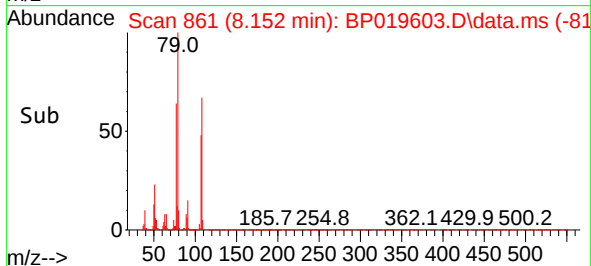
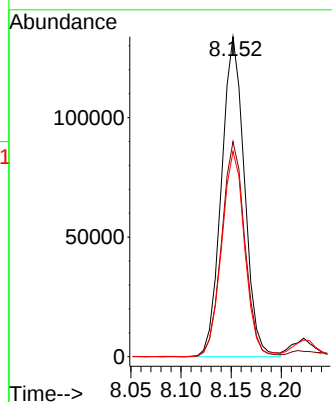
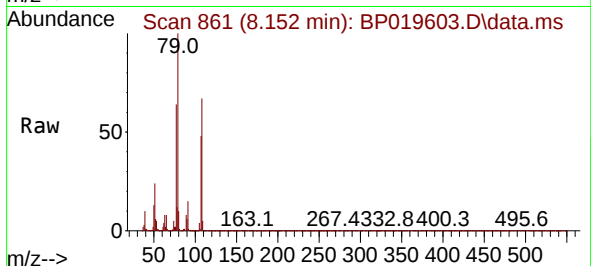




#15  
Benzyl Alcohol  
Concen: 40.642 ng  
RT: 8.152 min Scan# 80  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

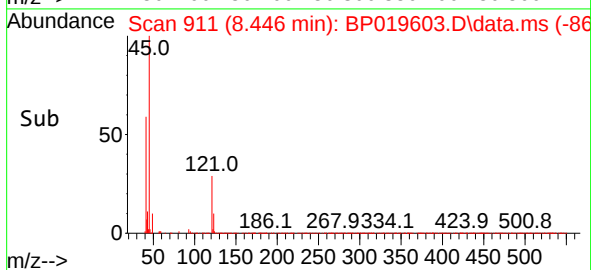
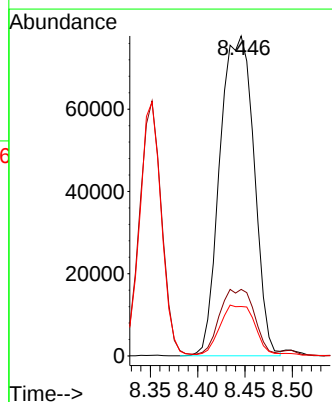
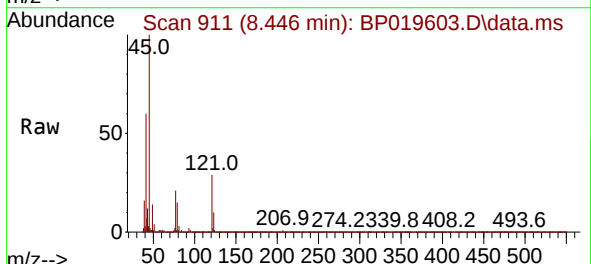
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

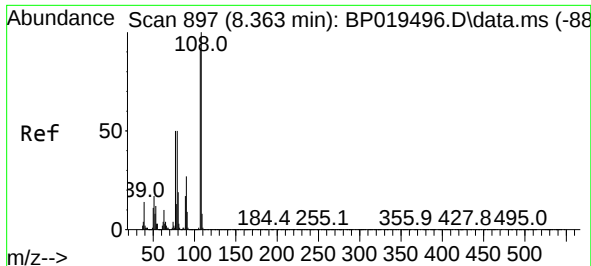
Tgt Ion: 79 Resp: 212556  
Ion Ratio Lower Upper  
79 100  
108 67.2 53.8 80.6  
77 64.1 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.335 ng  
RT: 8.446 min Scan# 911  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 45 Resp: 194565  
Ion Ratio Lower Upper  
45 100  
77 20.8 0.8 40.8  
79 15.5 0.0 35.5

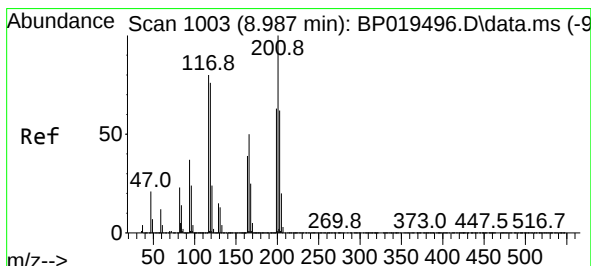
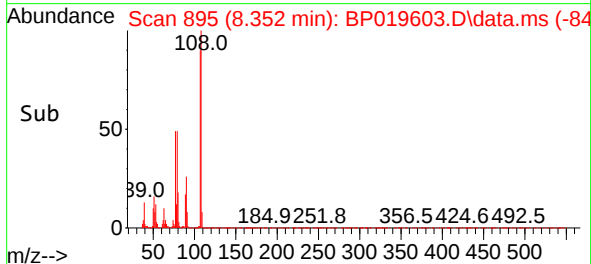
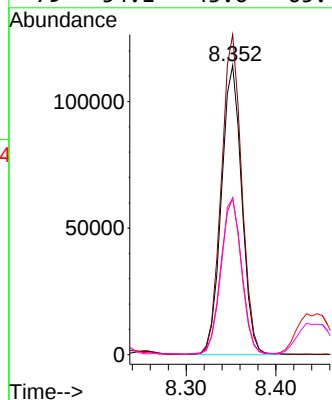
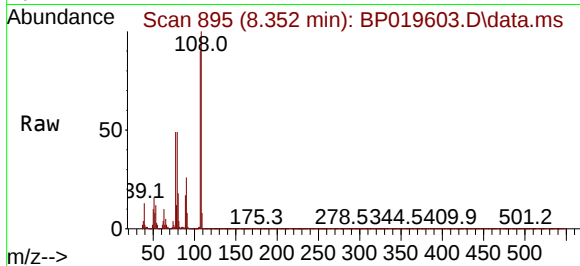




#17  
2-Methylphenol  
Concen: 40.903 ng  
RT: 8.352 min Scan# 895  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

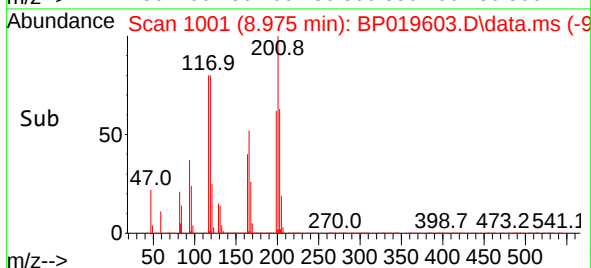
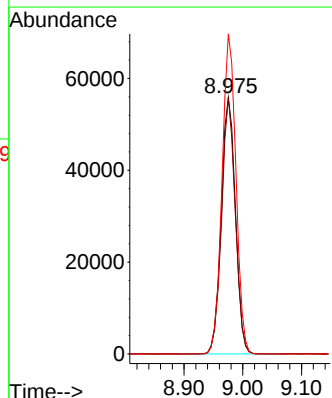
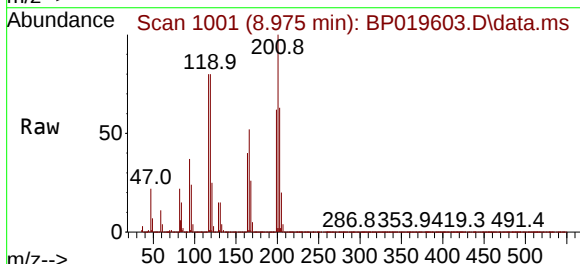
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

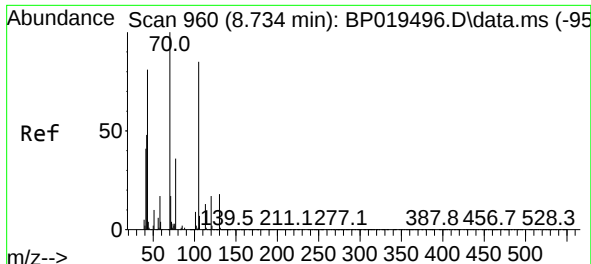
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 179648 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.7 | 87.0  | 130.6  |
| 77       | 54.3  | 43.5  | 65.3   |
| 79       | 54.1  | 43.6  | 65.4   |



#18  
Hexachloroethane  
Concen: 38.800 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 92920 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.9  | 75.5  | 113.3 |
| 201      | 124.8 | 99.4  | 149.2 |

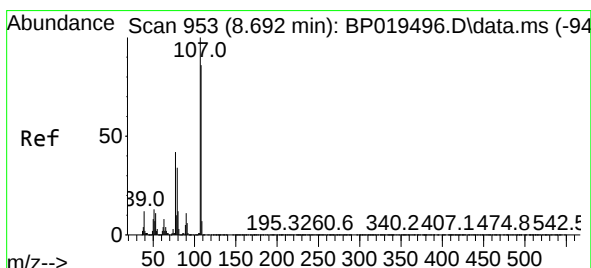
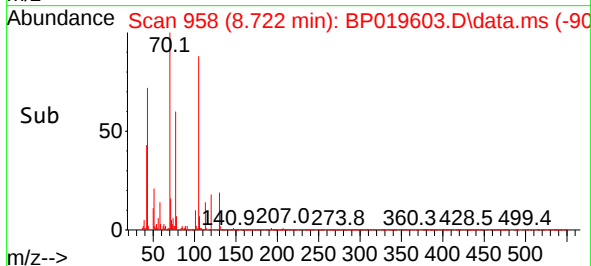
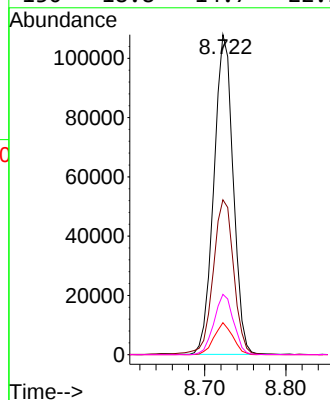
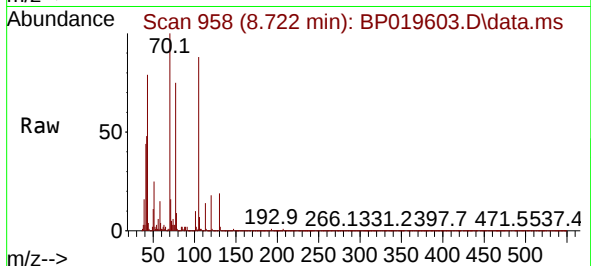




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.861 ng  
RT: 8.722 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

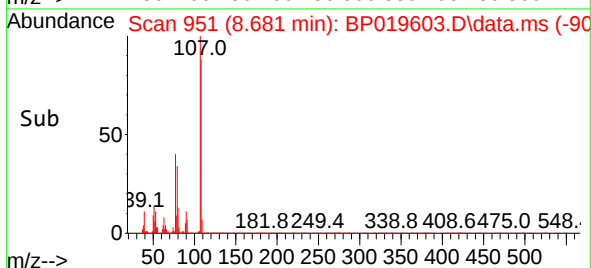
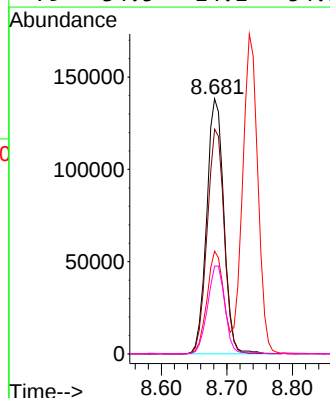
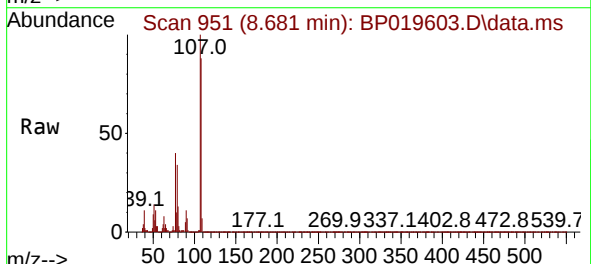
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 178214  
Ion Ratio Lower Upper  
70 100  
42 48.4 39.2 58.8  
101 10.0 7.3 10.9  
130 18.8 14.7 22.1



#20  
3+4-Methylphenols  
Concen: 42.046 ng  
RT: 8.681 min Scan# 951  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 107 Resp: 252026  
Ion Ratio Lower Upper  
107 100  
108 88.1 65.5 105.5  
77 40.3 21.8 61.8  
79 34.5 14.1 54.1

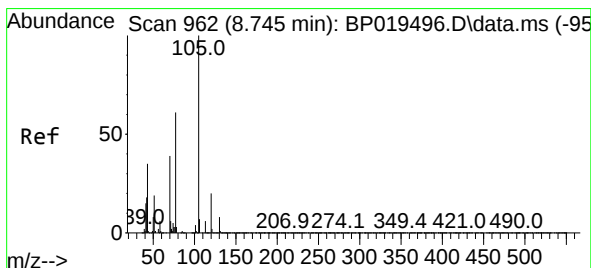
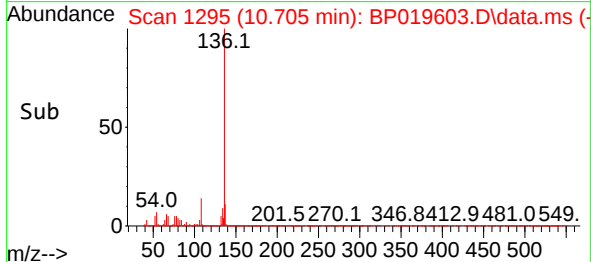
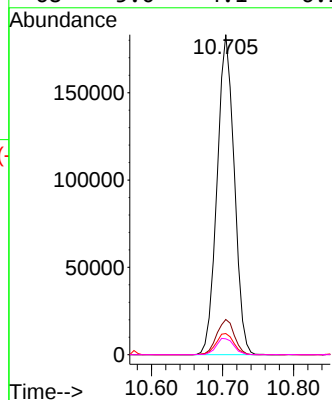
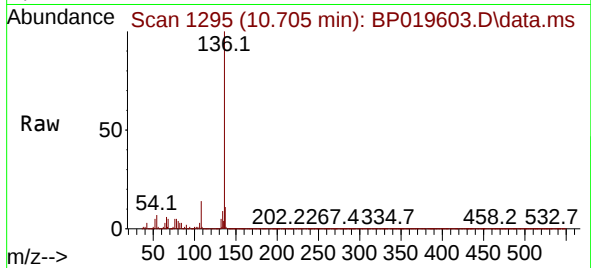




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.705 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

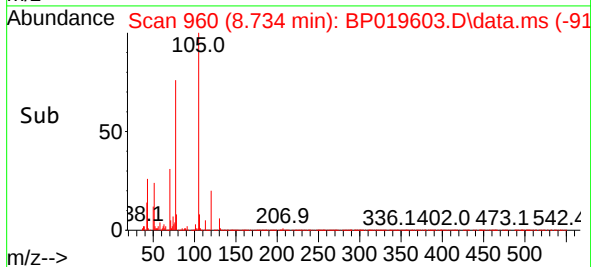
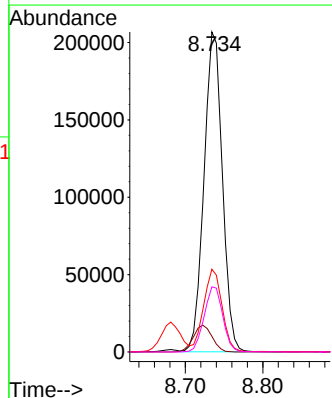
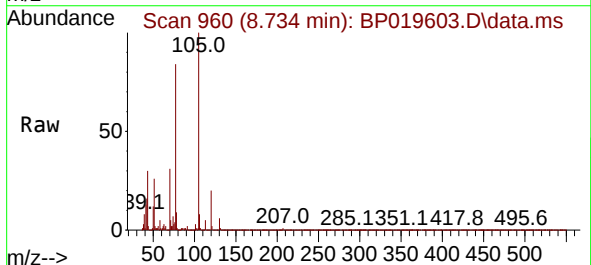
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

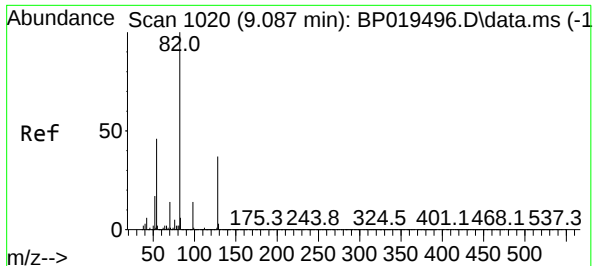
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 306281 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 6.6   | 5.3   | 7.9    |
| 68       | 5.0   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 38.992 ng  
RT: 8.734 min Scan# 960  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 340224 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.9   | 4.9   | 7.3    |
| 51       | 25.9  | 20.7  | 31.1   |
| 120      | 20.3  | 15.8  | 23.8   |





#23

Nitrobenzene-d5

Concen: 78.868 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

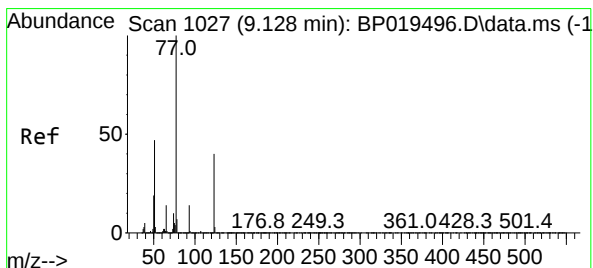
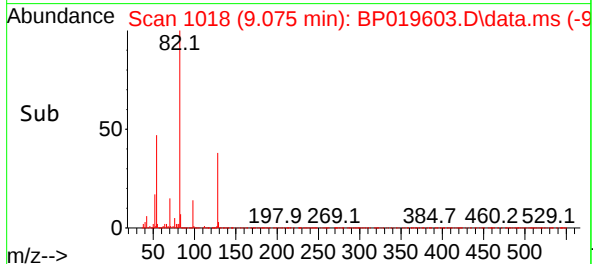
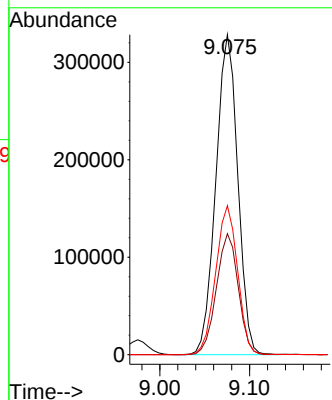
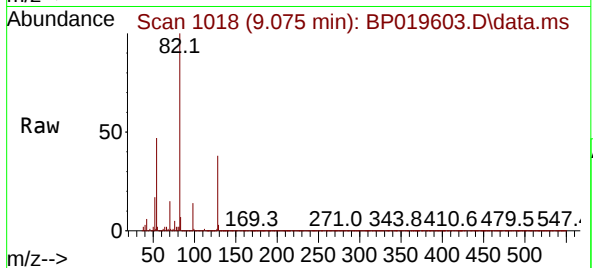
Tgt Ion: 82 Resp: 557464

Ion Ratio Lower Upper

82 100

128 37.8 29.7 44.5

54 46.5 36.8 55.2



#24

Nitrobenzene

Concen: 39.530 ng

RT: 9.116 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

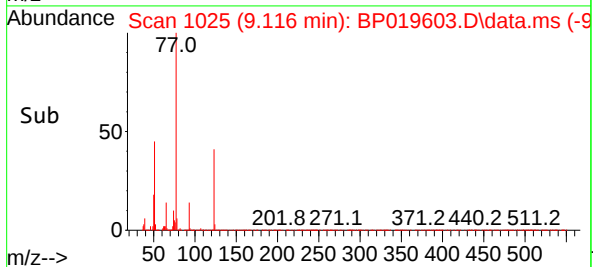
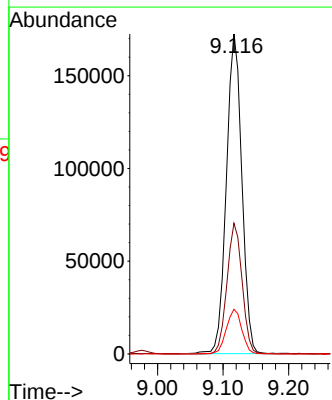
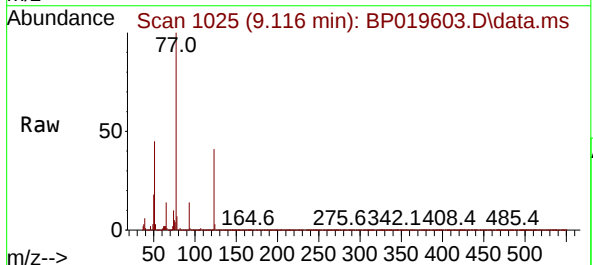
Tgt Ion: 77 Resp: 281325

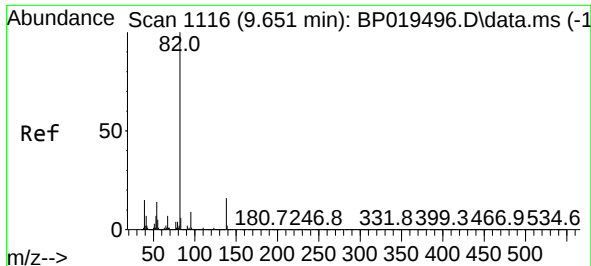
Ion Ratio Lower Upper

77 100

123 40.8 32.3 48.5

65 13.9 11.6 17.4

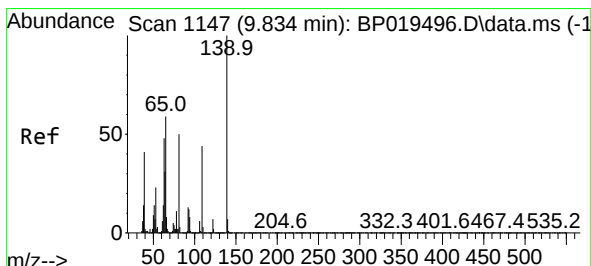
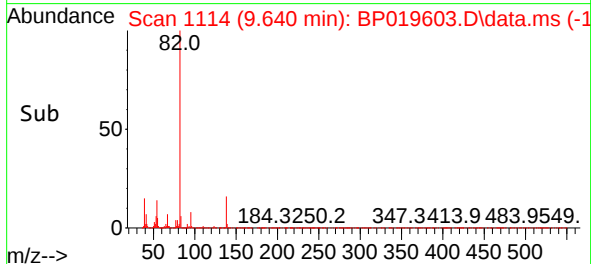
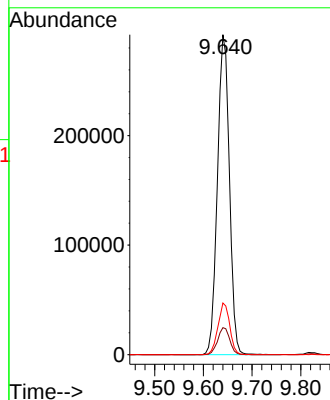
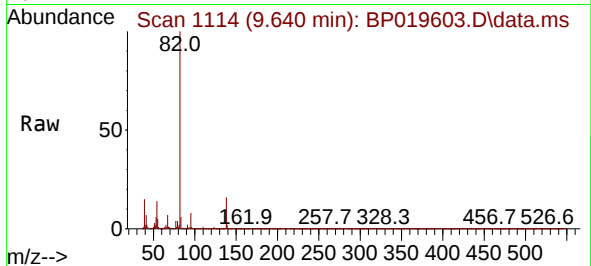




#25  
Isophorone  
Concen: 40.423 ng  
RT: 9.640 min Scan# 1114  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

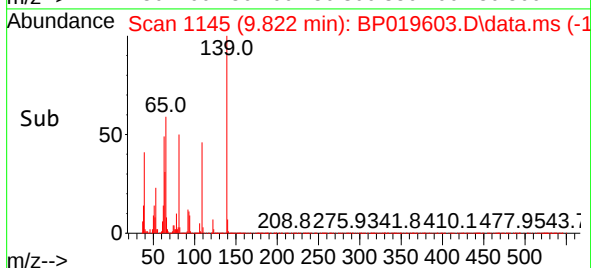
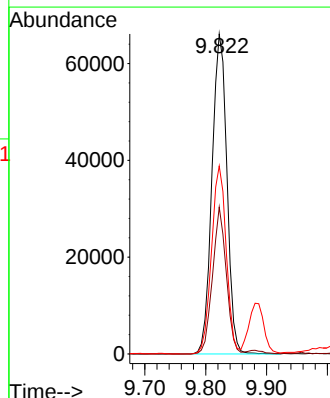
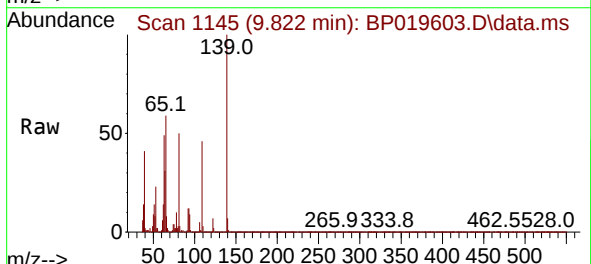
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 497602  
Ion Ratio Lower Upper  
82 100  
95 8.5 7.0 10.4  
138 16.2 13.1 19.7



#26  
2-Nitrophenol  
Concen: 41.488 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion: 139 Resp: 112580  
Ion Ratio Lower Upper  
139 100  
109 45.9 34.9 52.3  
65 58.7 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 40.597 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

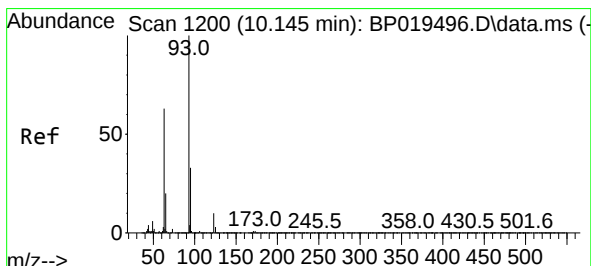
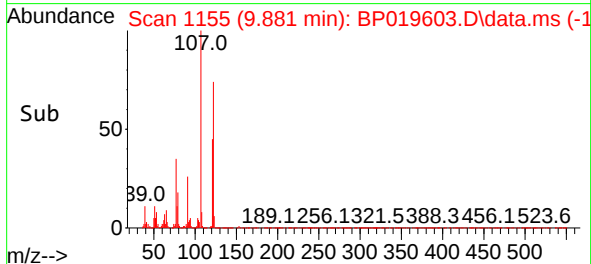
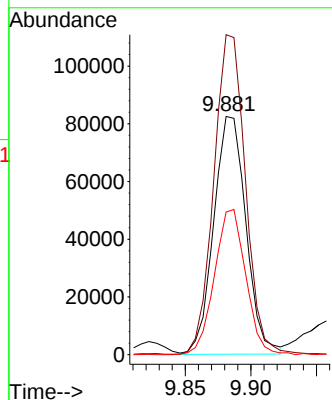
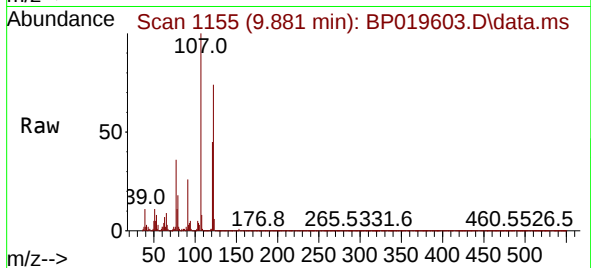
Tgt Ion:122 Resp: 140863

Ion Ratio Lower Upper

122 100

107 134.3 105.9 158.9

121 59.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.380 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

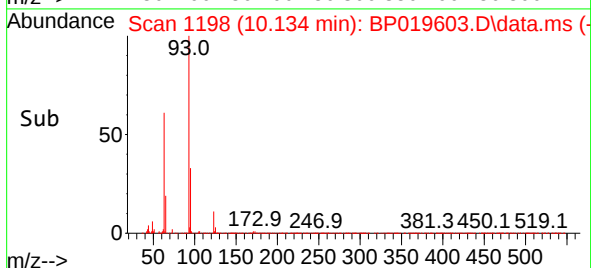
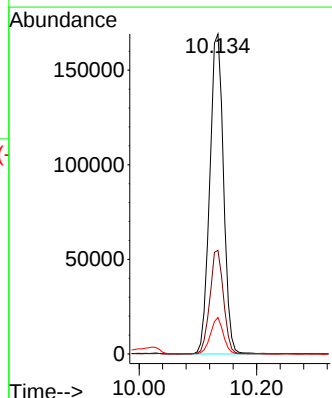
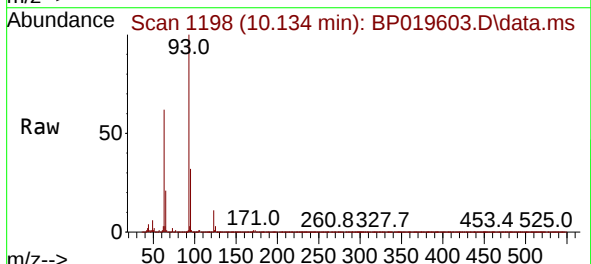
Tgt Ion: 93 Resp: 274276

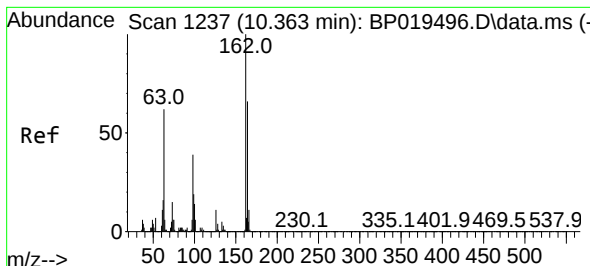
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 41.869 ng

RT: 10.352 min Scan# 1235

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

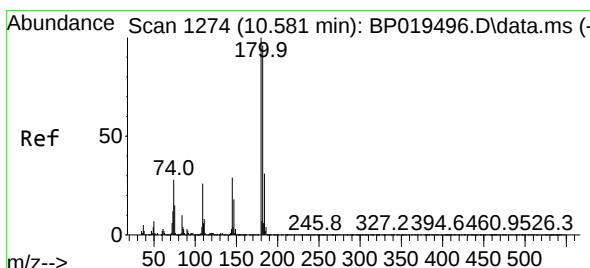
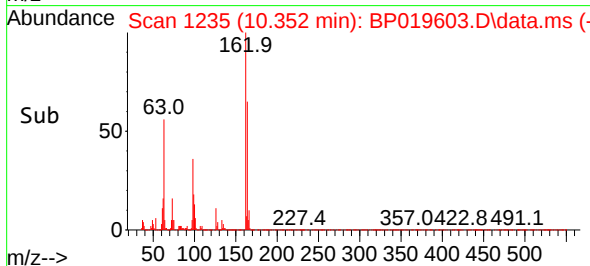
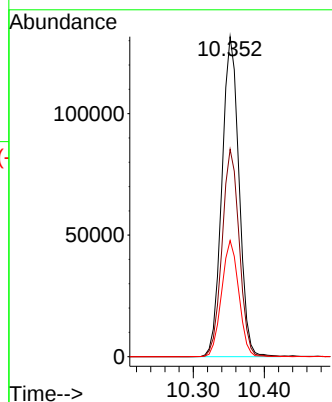
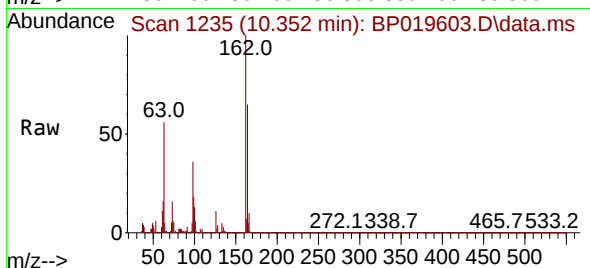
Tgt Ion:162 Resp: 219612

Ion Ratio Lower Upper

162 100

164 64.8 46.0 86.0

98 36.3 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 39.819 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

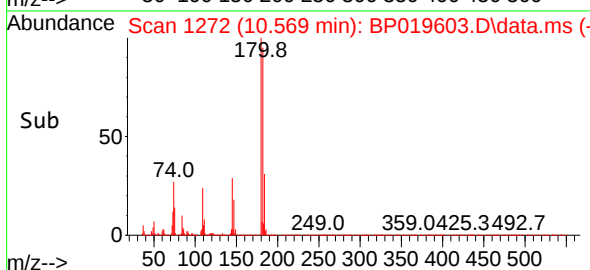
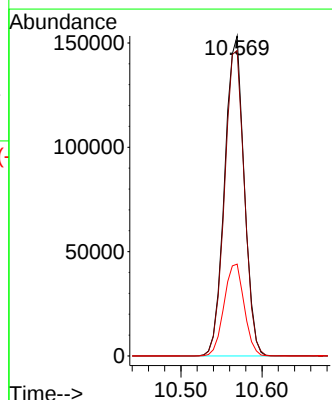
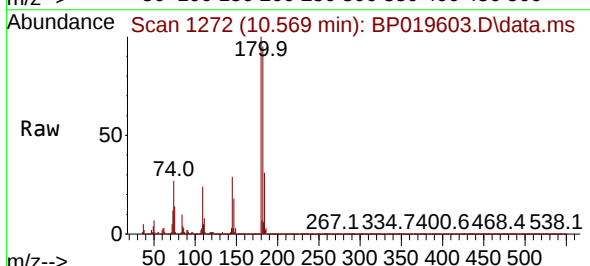
Tgt Ion:180 Resp: 256088

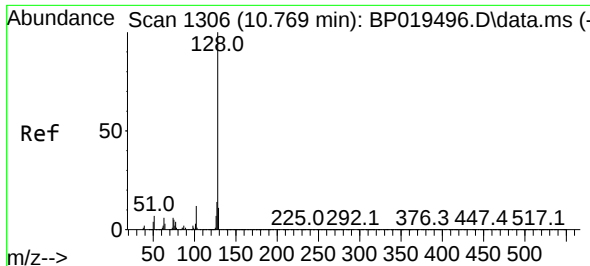
Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.6

145 28.7 23.2 34.8

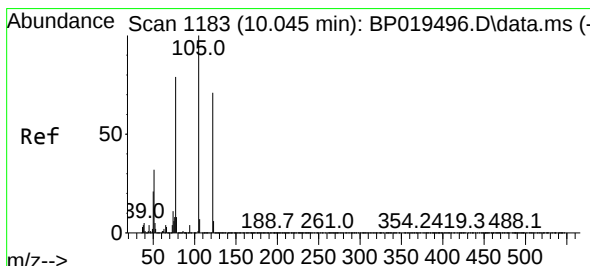
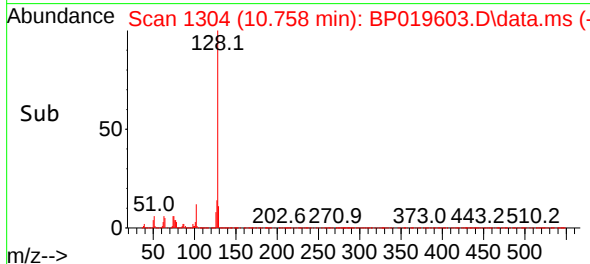
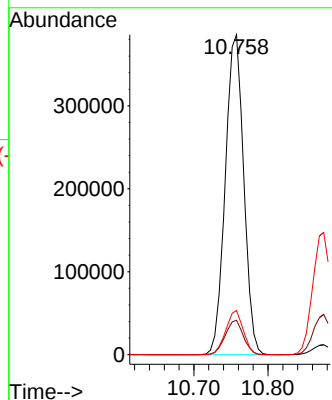
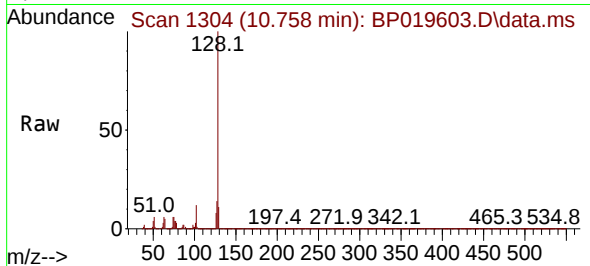




#31  
Naphthalene  
Concen: 39.600 ng  
RT: 10.758 min Scan# 1179  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

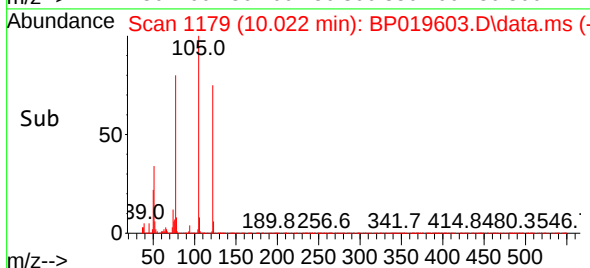
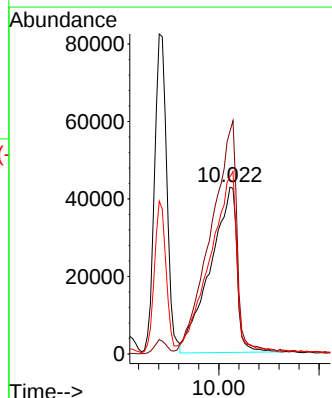
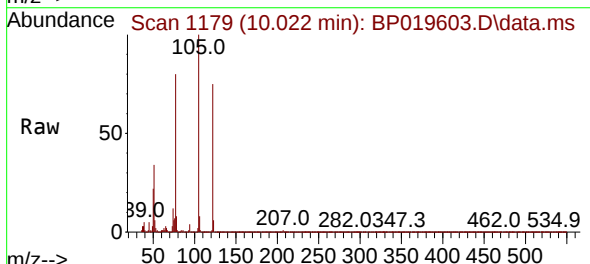
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

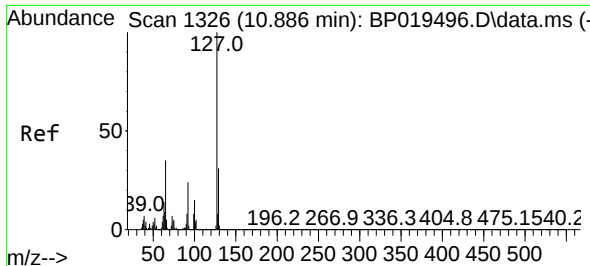
Tgt Ion:128 Resp: 665214  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 46.590 ng  
RT: 10.022 min Scan# 1179  
Delta R.T. -0.023 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:122 Resp: 157506  
Ion Ratio Lower Upper  
122 100  
105 133.4 118.8 158.8  
77 106.3 91.7 131.7

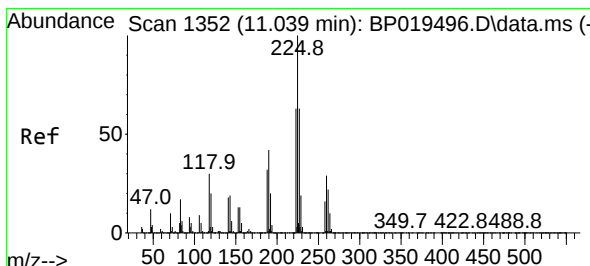
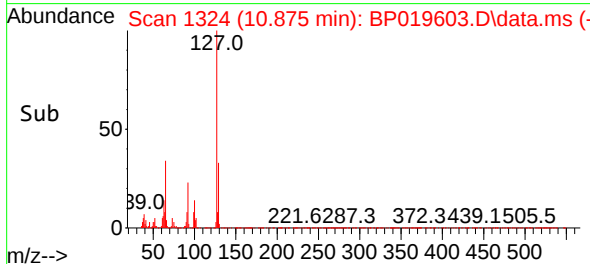
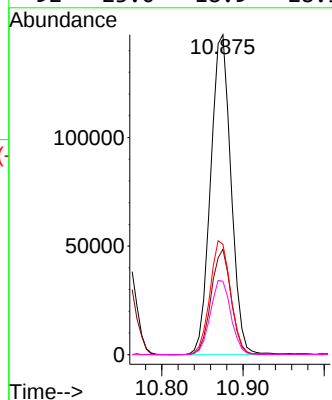
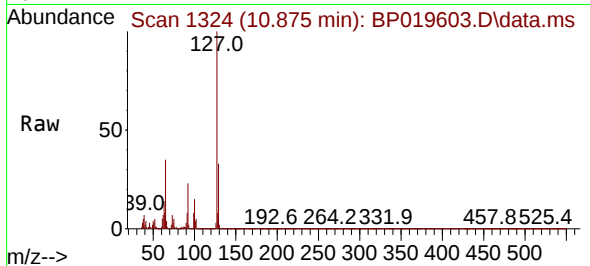




#33  
4-Chloroaniline  
Concen: 41.423 ng  
RT: 10.875 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

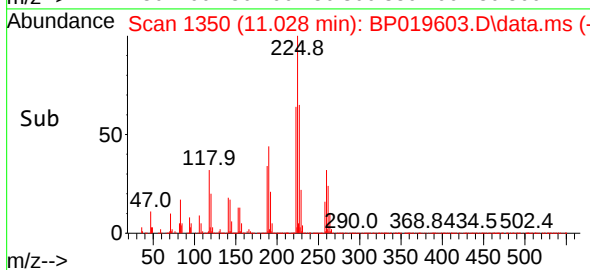
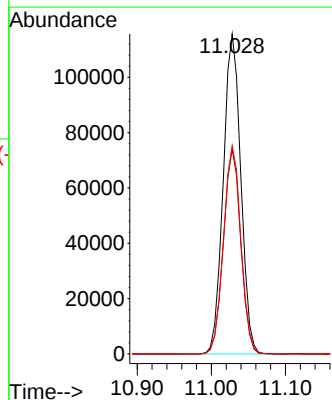
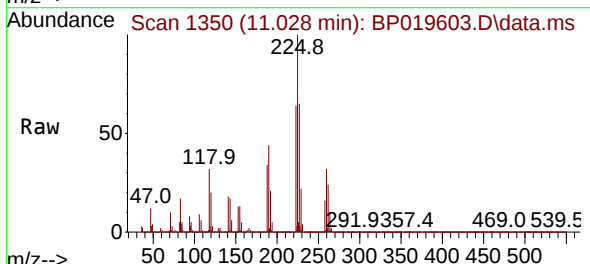
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

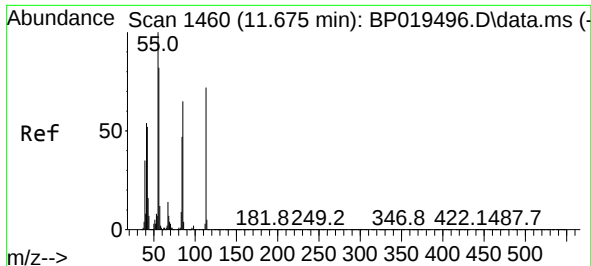
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 257329 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 33.0    | 24.6 36.8    |
| 65 34.5     | 28.2 42.4    |
| 92 23.0     | 18.9 28.3    |



#34  
Hexachlorobutadiene  
Concen: 39.785 ng  
RT: 11.028 min Scan# 1350  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 189604 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 64.0    | 50.5  | 75.7   |
| 227 | 65.1    | 50.2  | 75.2   |

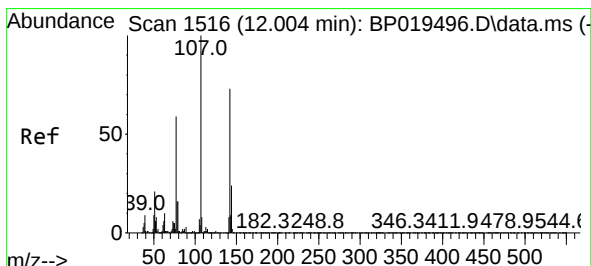
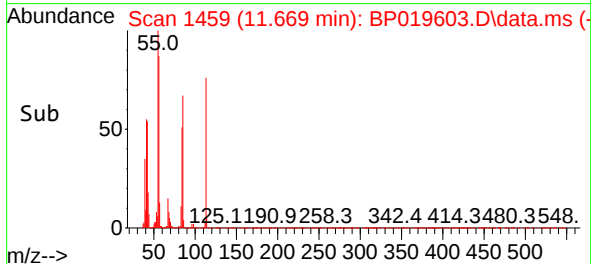
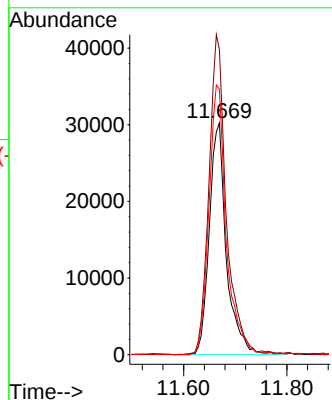
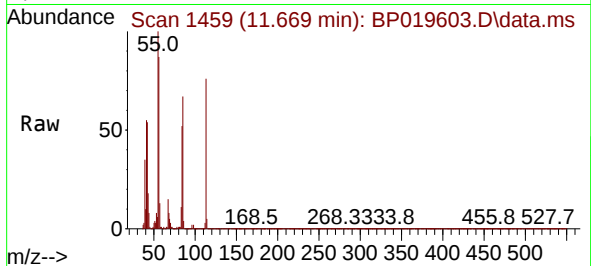




#35  
Caprolactam  
Concen: 46.688 ng  
RT: 11.669 min Scan# 1460  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

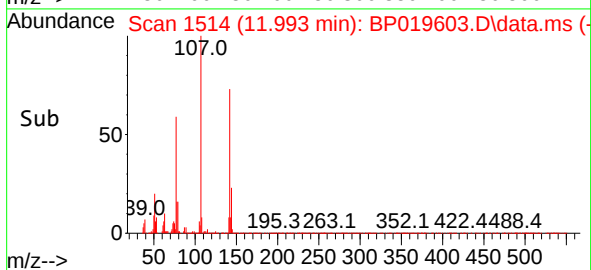
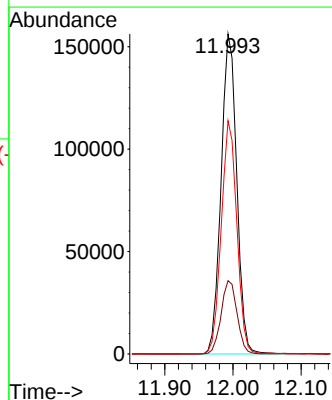
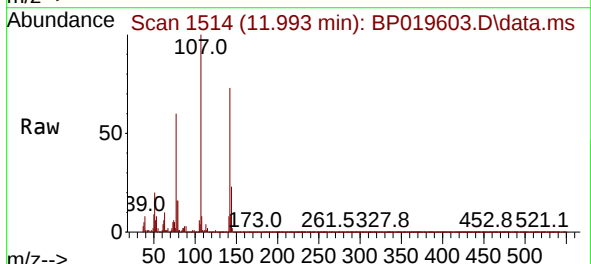
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

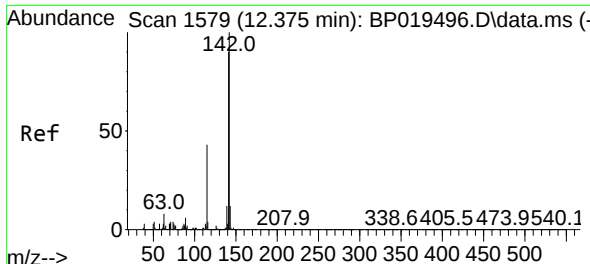
Tgt Ion:113 Resp: 69326  
Ion Ratio Lower Upper  
113 100  
55 131.6 120.0 160.0  
56 114.6 94.0 134.0



#36  
4-Chloro-3-methylphenol  
Concen: 43.624 ng  
RT: 11.993 min Scan# 1514  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:107 Resp: 249495  
Ion Ratio Lower Upper  
107 100  
144 22.9 19.0 28.4  
142 72.9 58.6 88.0

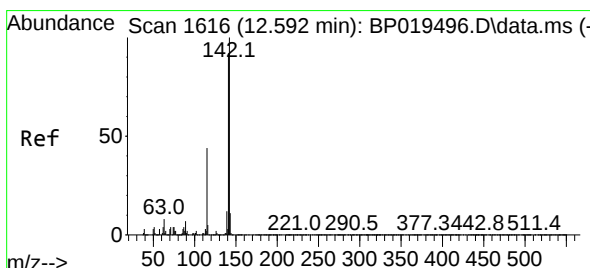
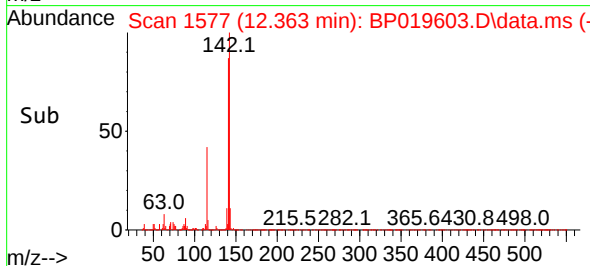
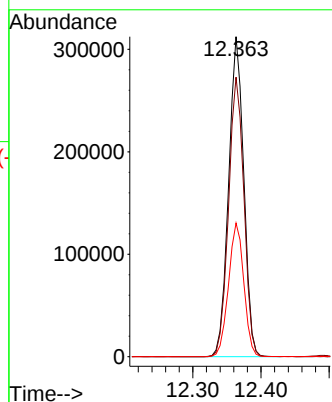
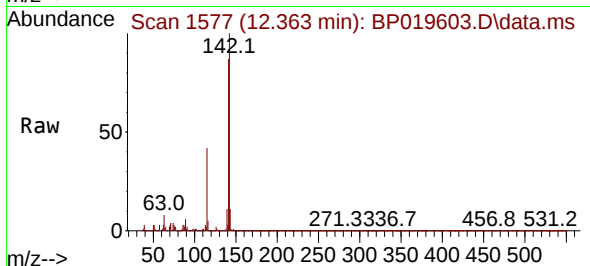




#37  
2-Methylnaphthalene  
Concen: 41.530 ng  
RT: 12.363 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

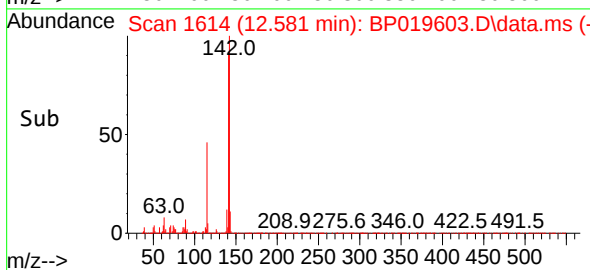
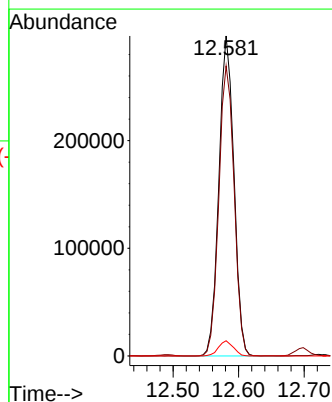
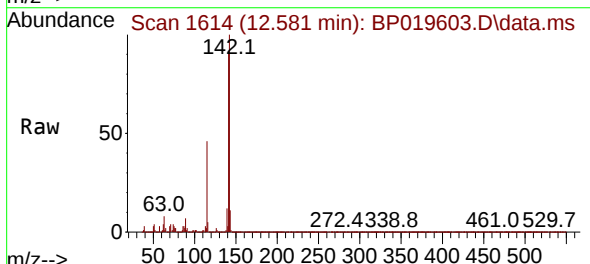
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

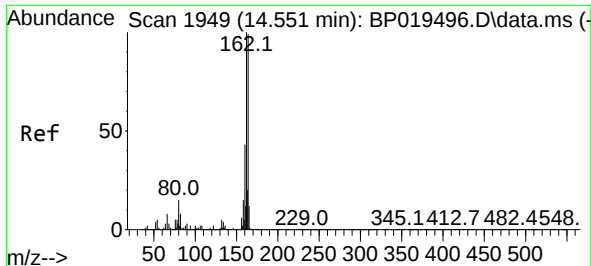
Tgt Ion:142 Resp: 482789  
Ion Ratio Lower Upper  
142 100  
141 87.4 72.2 108.4  
115 41.7 34.2 51.2



#38  
1-Methylnaphthalene  
Concen: 41.257 ng  
RT: 12.581 min Scan# 1614  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:142 Resp: 471322  
Ion Ratio Lower Upper  
142 100  
141 90.6 74.0 111.0  
116 4.8 3.7 5.5

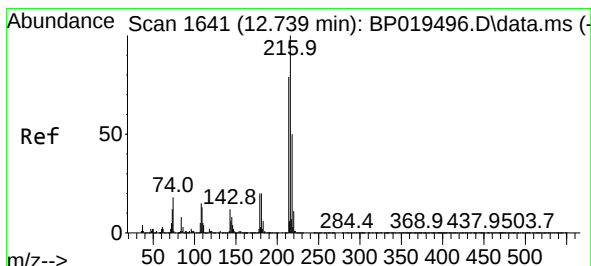
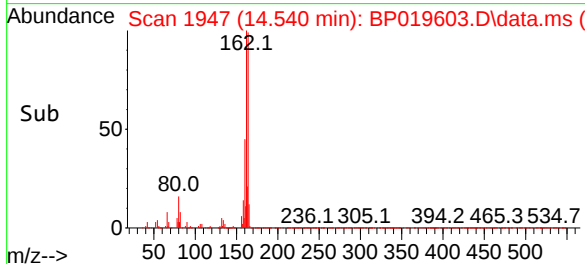
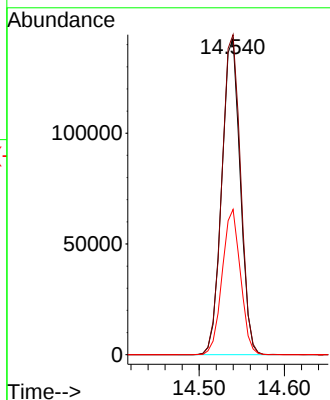
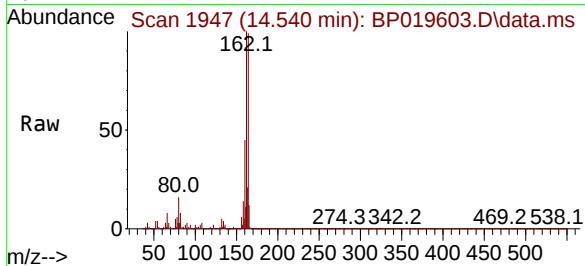




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.540 min Scan# 1949  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

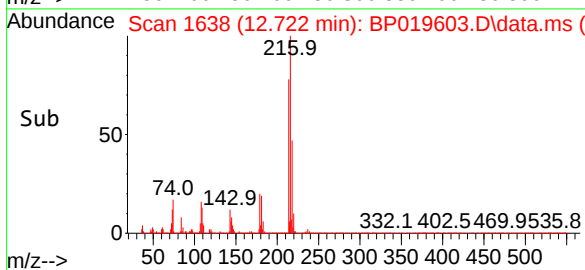
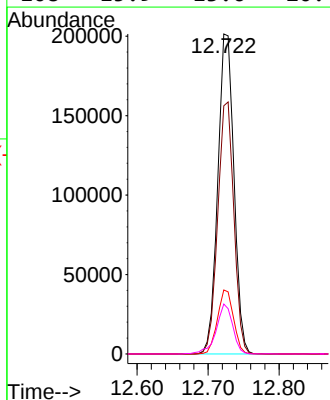
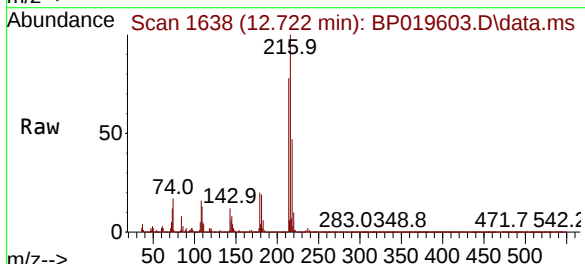
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BNA\_P  
ClientSampleId :  
SSTDCCC040EC

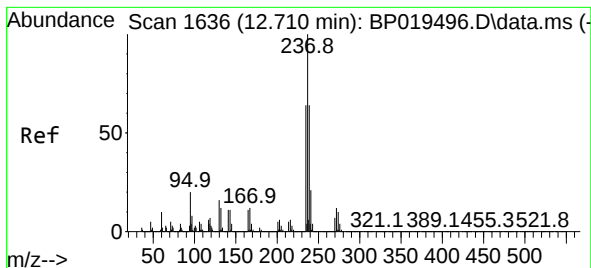
Tgt Ion:164 Resp: 214498  
Ion Ratio Lower Upper  
164 100  
162 101.2 81.2 121.8  
160 45.9 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.272 ng  
RT: 12.722 min Scan# 1638  
Delta R.T. -0.017 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:216 Resp: 316603  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.8 94.2  
179 19.9 16.6 24.8  
108 15.9 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 29.955 ng

RT: 12.699 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

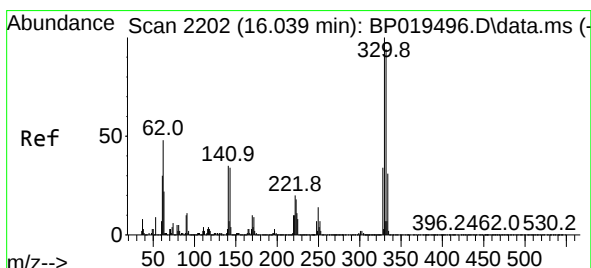
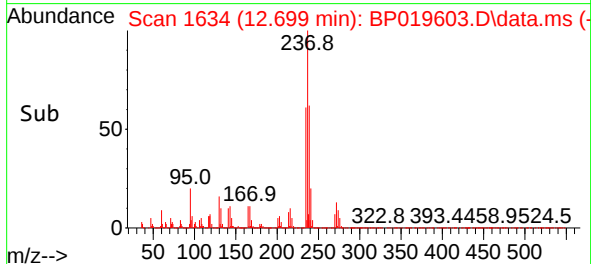
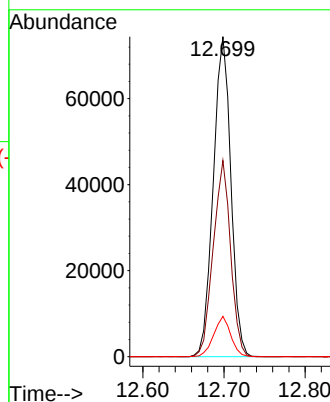
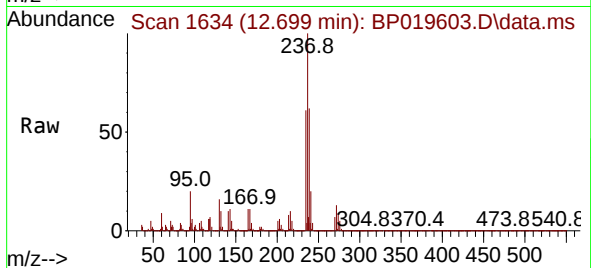
Tgt Ion:237 Resp: 111943

Ion Ratio Lower Upper

237 100

235 61.3 43.7 83.7

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 86.989 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

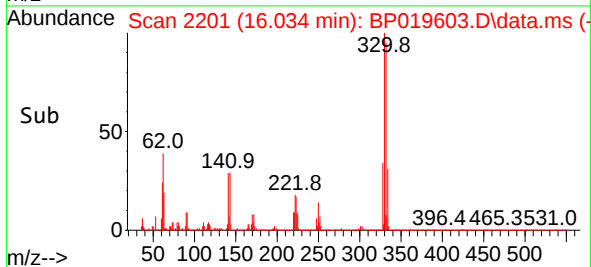
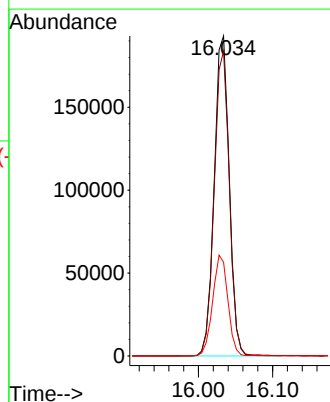
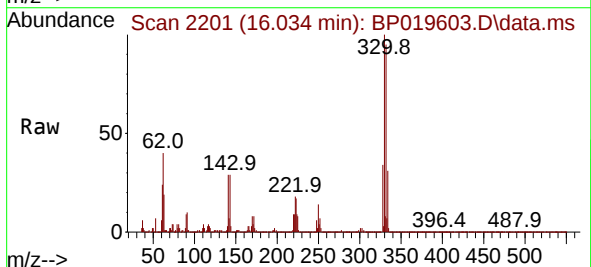
Tgt Ion:330 Resp: 272434

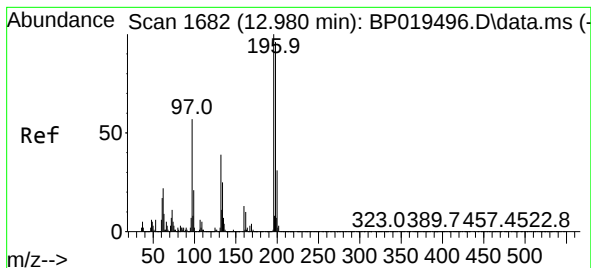
Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 31.9 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 40.420 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

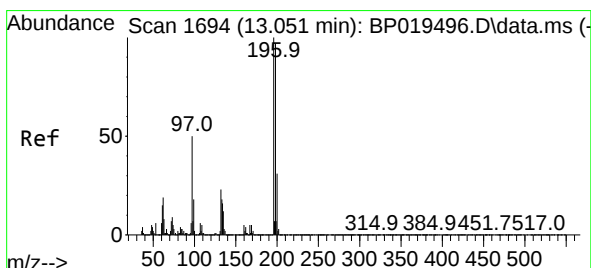
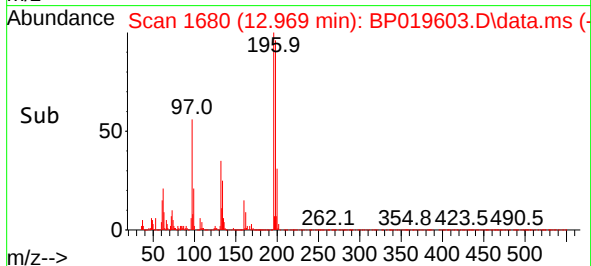
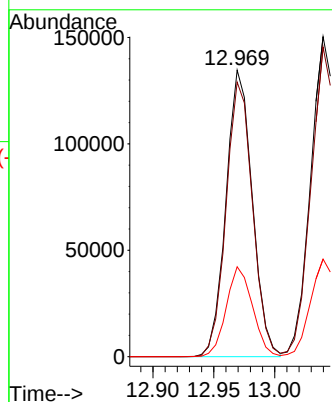
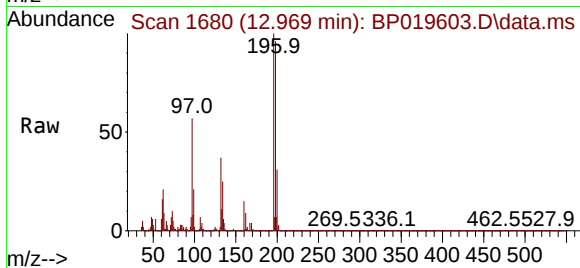
Tgt Ion:196 Resp: 202470

Ion Ratio Lower Upper

196 100

198 95.8 76.7 115.1

200 31.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 41.918 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Tgt Ion:196 Resp: 230565

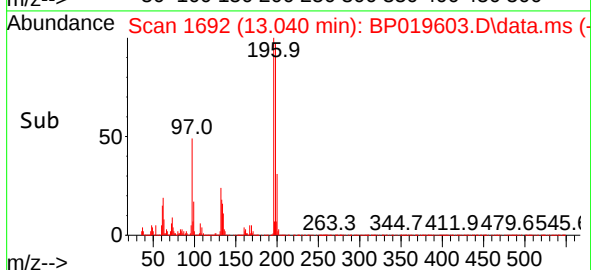
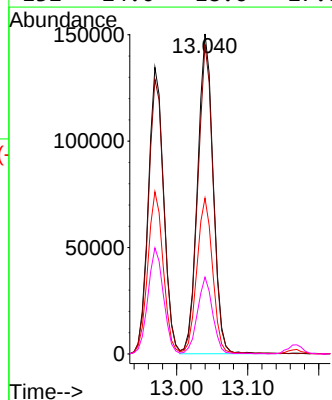
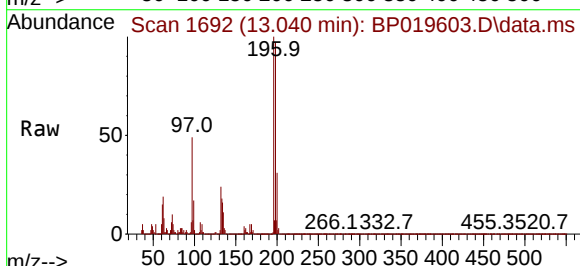
Ion Ratio Lower Upper

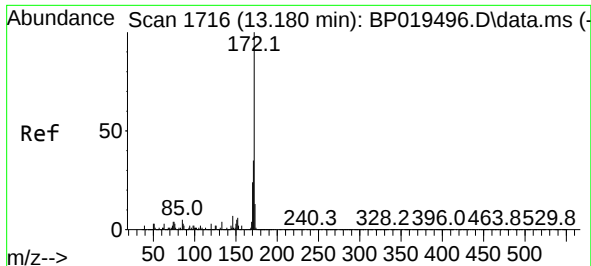
196 100

198 96.8 77.5 116.3

97 48.7 39.9 59.9

132 24.0 18.6 27.8

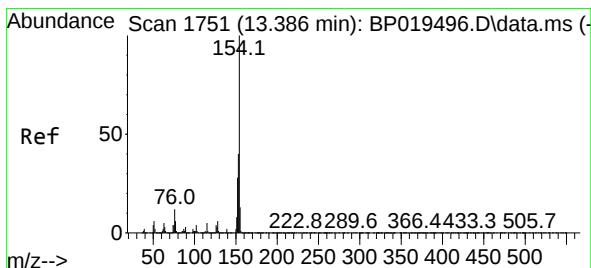
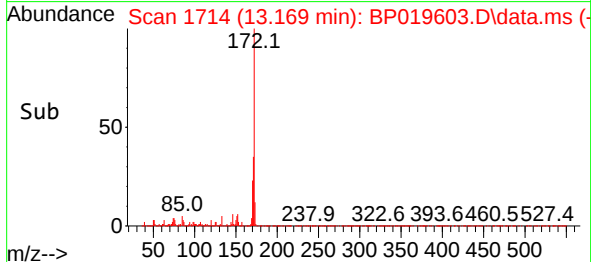
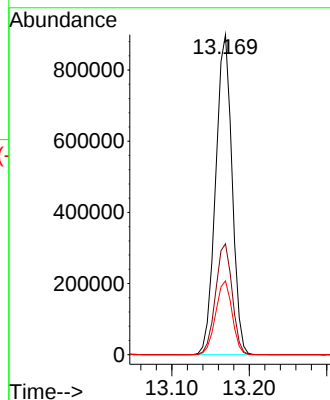
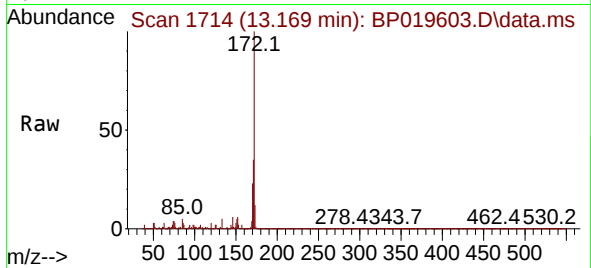




#45  
2-Fluorobiphenyl  
Concen: 76.169 ng  
RT: 13.169 min Scan# 1716  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

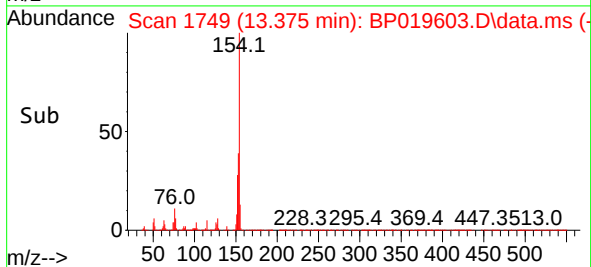
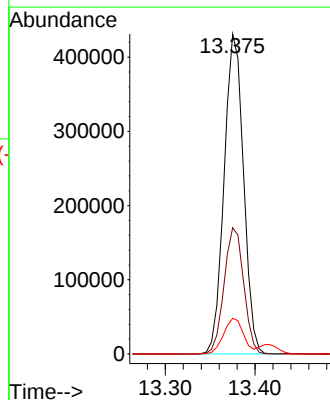
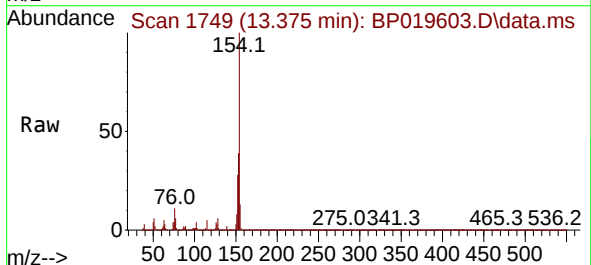
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

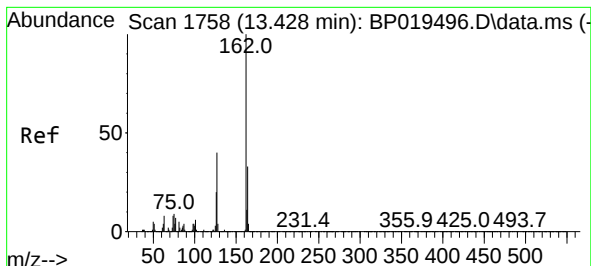
Tgt Ion:172 Resp: 1321617  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.2 42.4  
170 23.1 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 37.794 ng  
RT: 13.375 min Scan# 1749  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:154 Resp: 647022  
Ion Ratio Lower Upper  
154 100  
153 39.4 20.2 60.2  
76 11.2 0.0 31.6





#47

2-Chloronaphthalene

Concen: 38.162 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

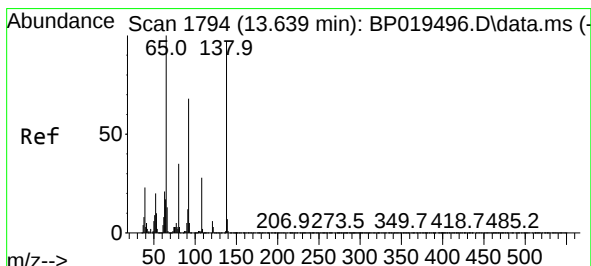
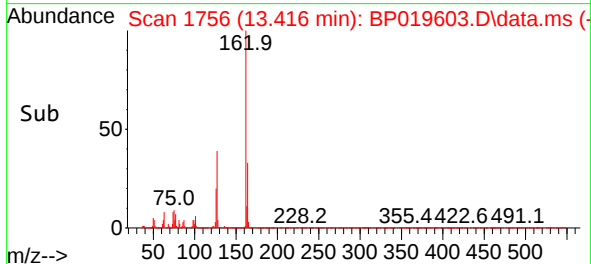
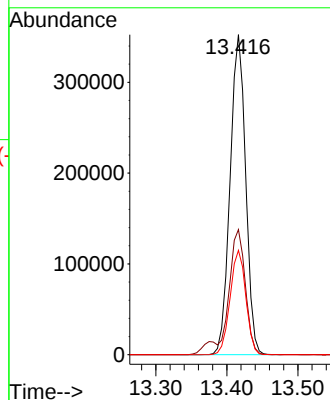
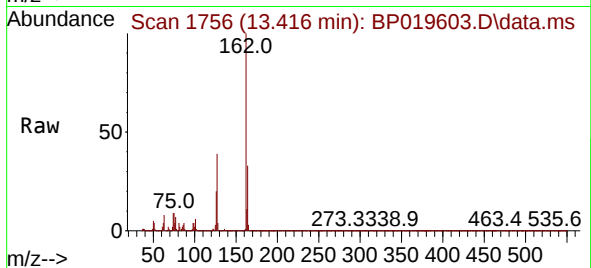
Tgt Ion:162 Resp: 536300

Ion Ratio Lower Upper

162 100

127 39.1 32.1 48.1

164 32.6 26.7 40.1



#48

2-Nitroaniline

Concen: 41.406 ng

RT: 13.628 min Scan# 1792

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

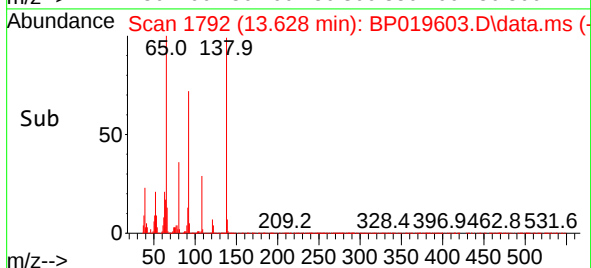
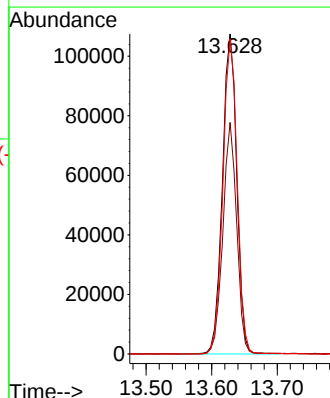
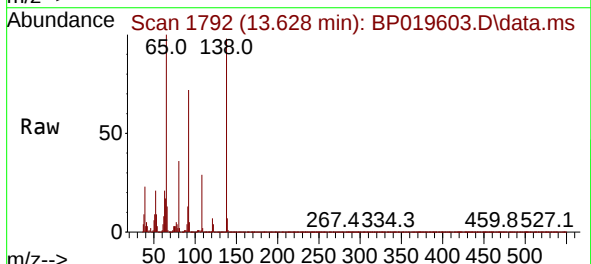
Tgt Ion: 65 Resp: 162711

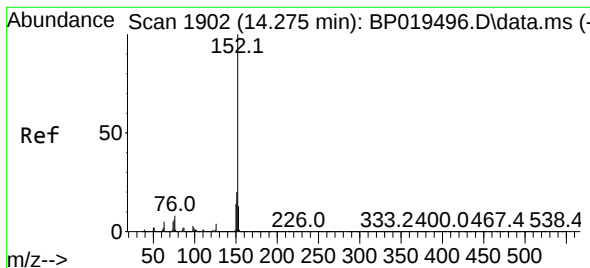
Ion Ratio Lower Upper

65 100

92 72.3 54.7 82.1

138 98.5 77.8 116.6





#49

Acenaphthylene

Concen: 39.542 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

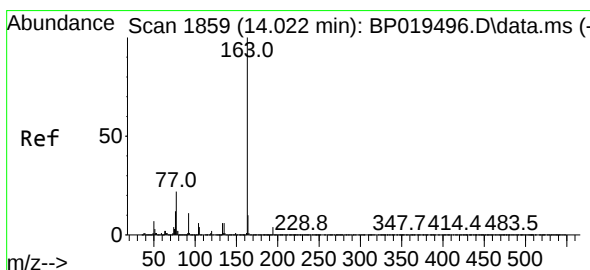
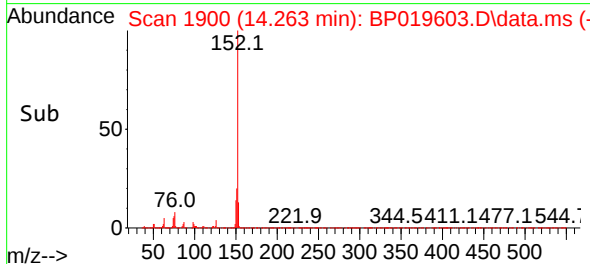
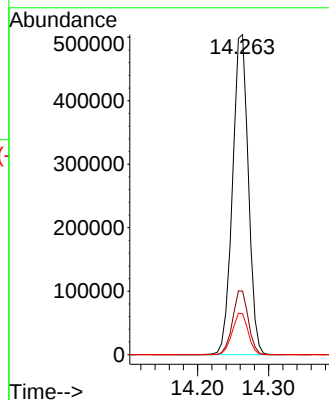
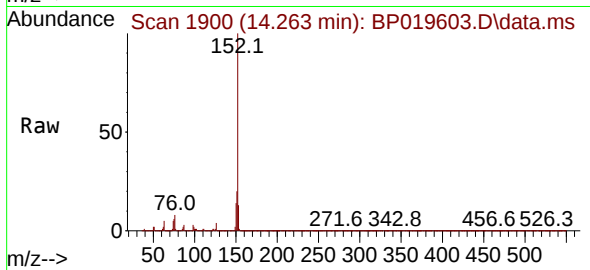
Tgt Ion:152 Resp: 779615

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 40.699 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

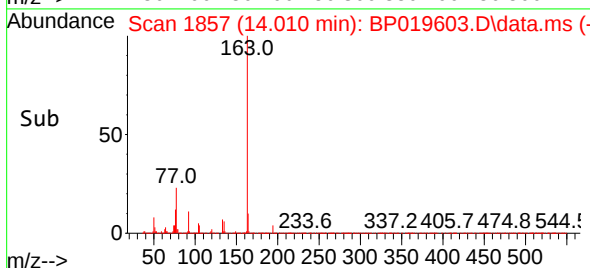
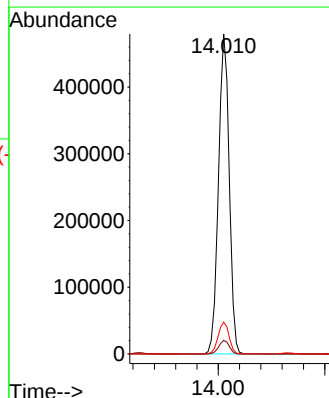
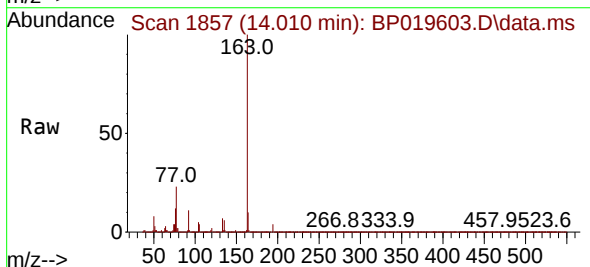
Tgt Ion:163 Resp: 668295

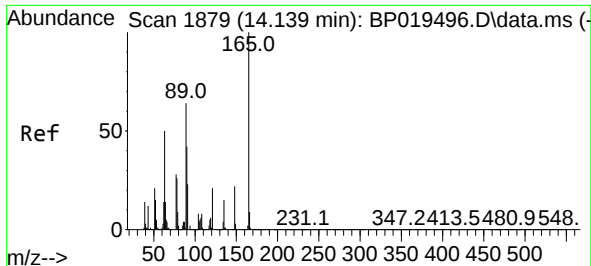
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.0 7.8 11.6

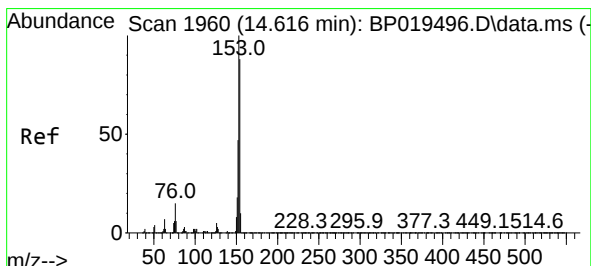
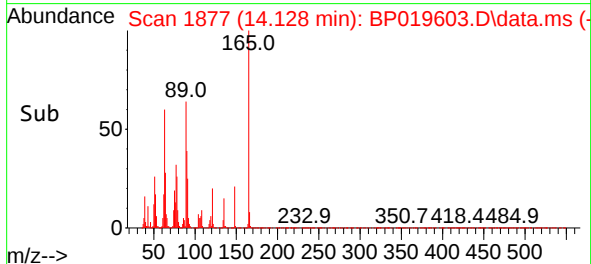
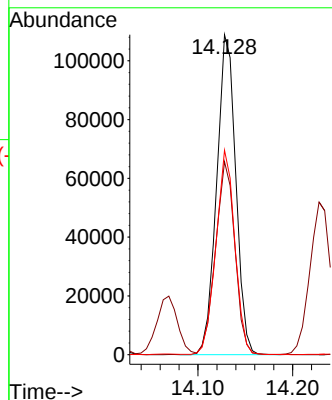
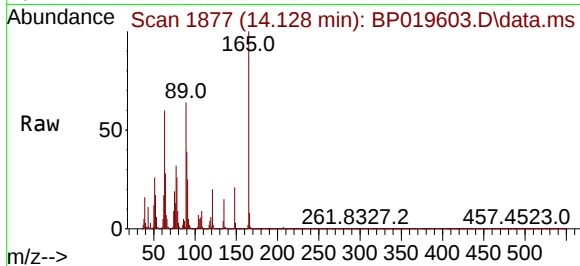




#51  
2,6-Dinitrotoluene  
Concen: 42.305 ng  
RT: 14.128 min Scan# 1877  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

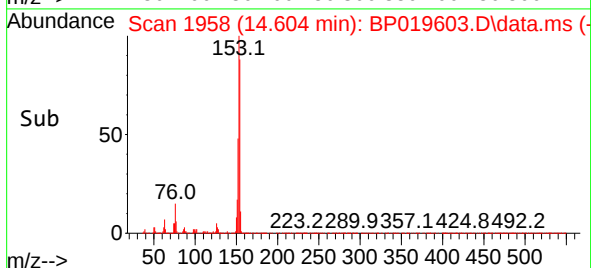
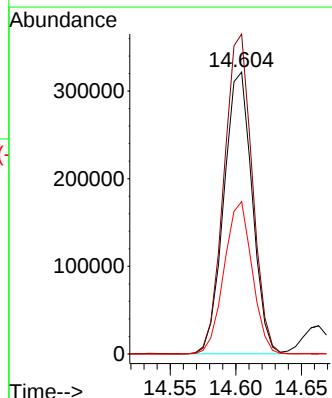
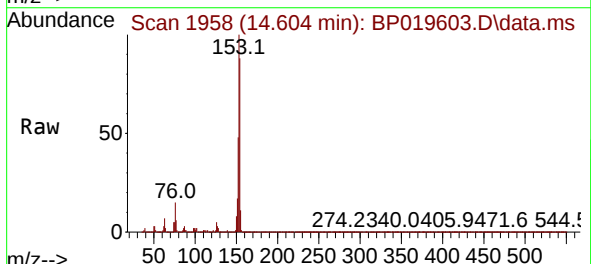
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

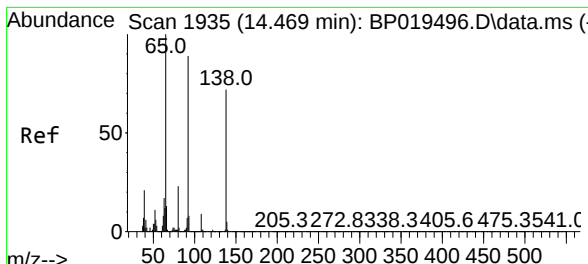
Tgt Ion:165 Resp: 152622  
Ion Ratio Lower Upper  
165 100  
63 60.3 50.4 75.6  
89 63.9 51.7 77.5



#52  
Acenaphthene  
Concen: 39.489 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:154 Resp: 483230  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.5 135.7  
152 54.0 42.1 63.1



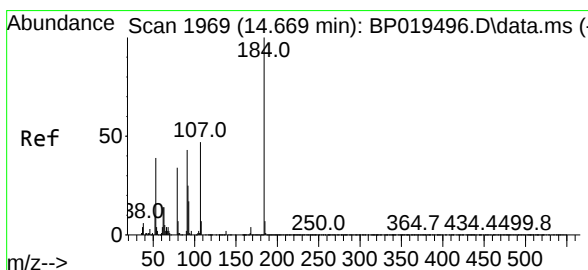
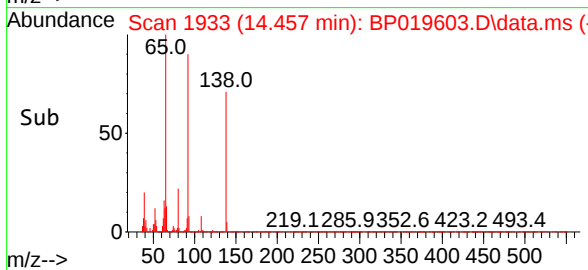
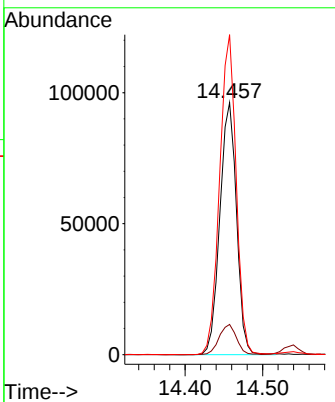
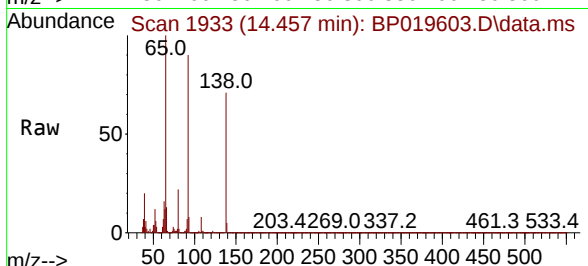


#53  
 3-Nitroaniline  
 Concen: 43.364 ng  
 RT: 14.457 min Scan# 1933  
 Delta R.T. -0.011 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:138 Resp: 143772

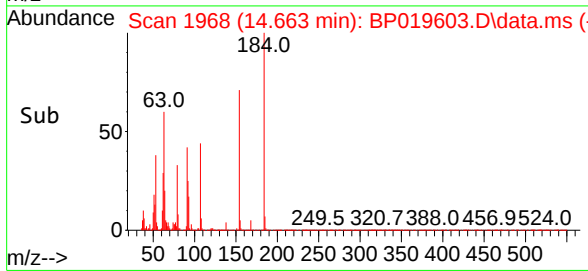
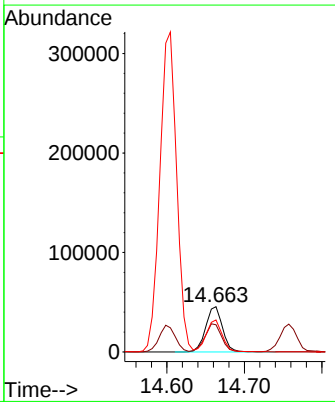
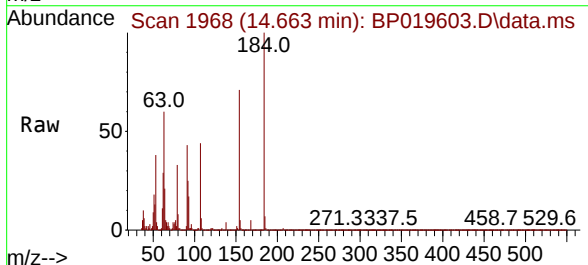
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 12.0  | 9.7   | 14.5  |
| 92  | 127.0 | 98.0  | 147.0 |

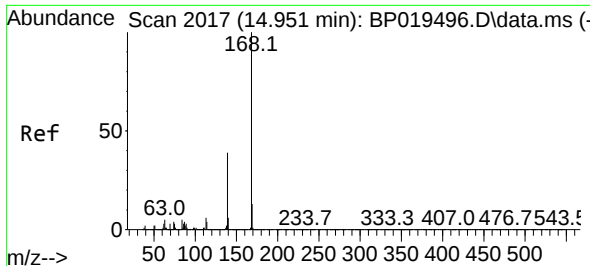


#54  
 2,4-Dinitrophenol  
 Concen: 36.548 ng  
 RT: 14.663 min Scan# 1968  
 Delta R.T. -0.006 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

Tgt Ion:184 Resp: 68460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 63  | 60.2  | 50.5  | 75.7  |
| 154 | 70.6  | 53.4  | 80.0  |

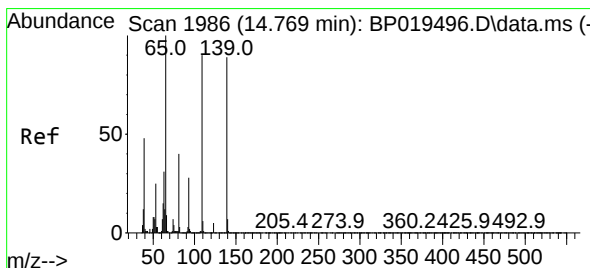
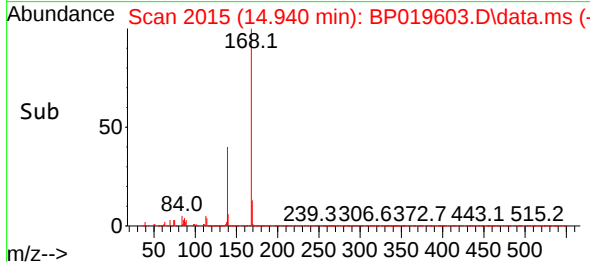
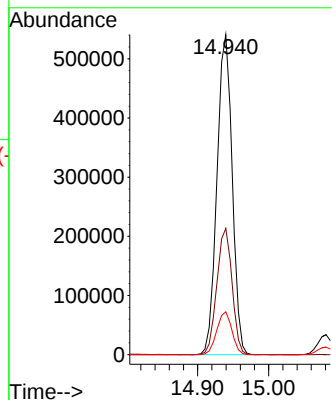
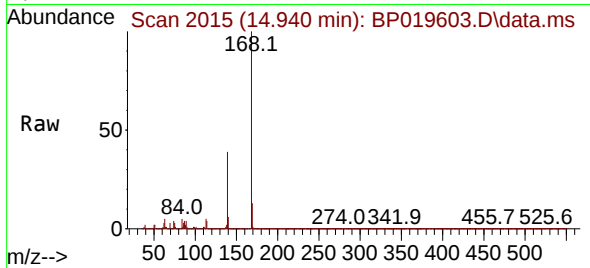




#55  
Dibenzofuran  
Concen: 40.197 ng  
RT: 14.940 min Scan# 2017  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

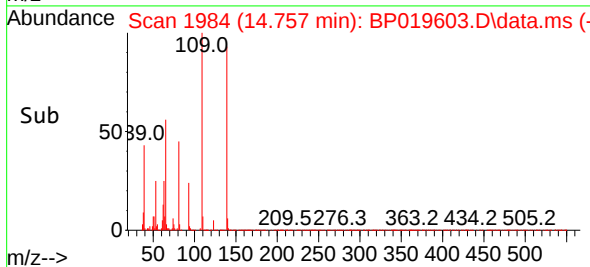
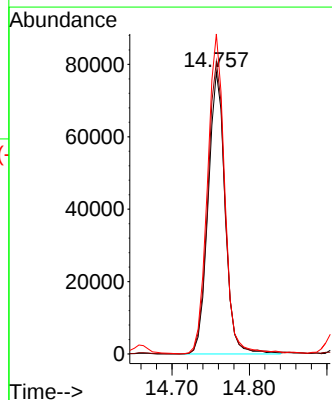
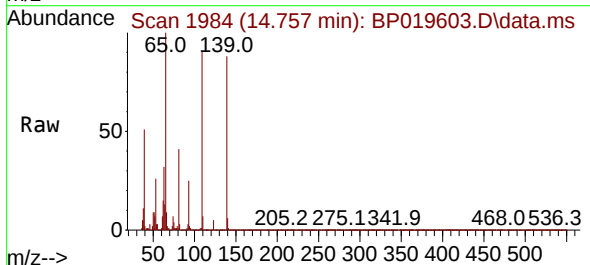
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

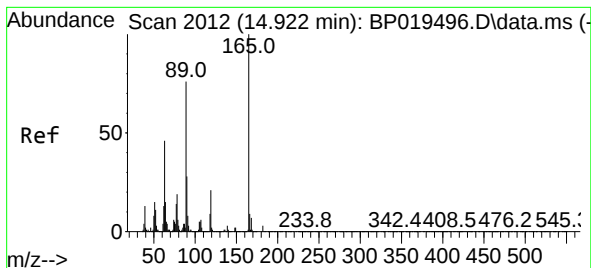
Tgt Ion:168 Resp: 801151  
Ion Ratio Lower Upper  
168 100  
139 39.4 31.5 47.3  
169 13.4 10.3 15.5



#56  
4-Nitrophenol  
Concen: 43.619 ng  
RT: 14.757 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:139 Resp: 118535  
Ion Ratio Lower Upper  
139 100  
109 103.8 82.0 122.0  
65 113.5 92.9 132.9



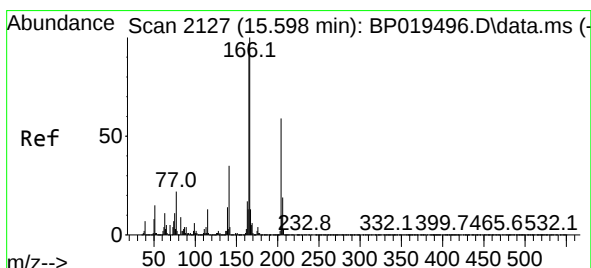
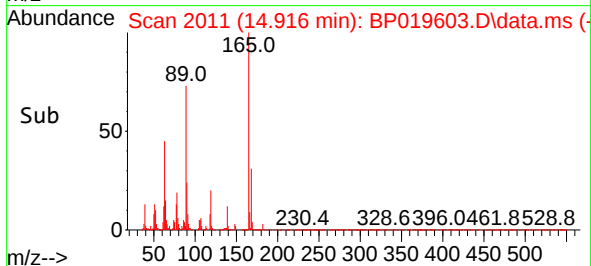
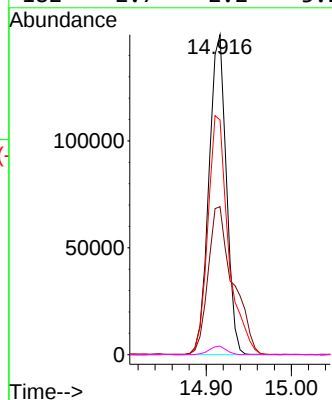
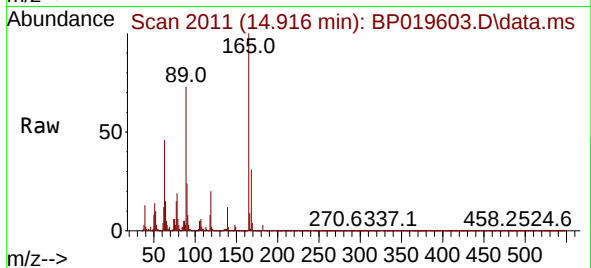


#57  
2,4-Dinitrotoluene  
Concen: 44.900 ng  
RT: 14.916 min Scan# 2011  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 212274

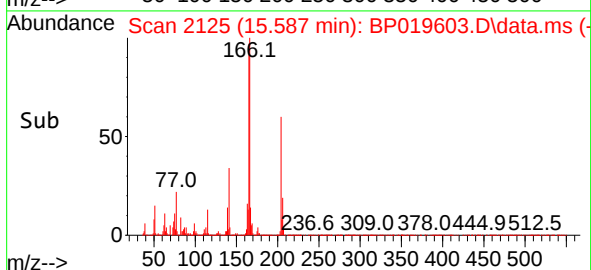
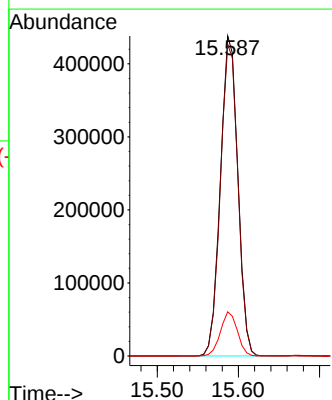
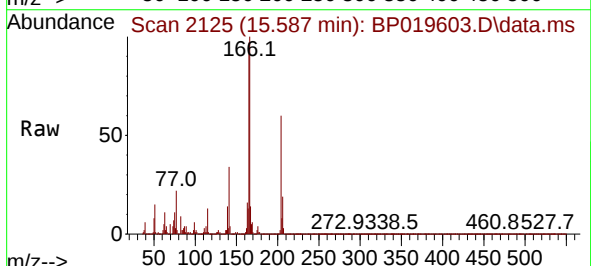
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 46.3  | 36.9  | 55.3  |
| 89  | 73.4  | 61.1  | 91.7  |
| 182 | 2.7   | 2.2   | 3.2   |

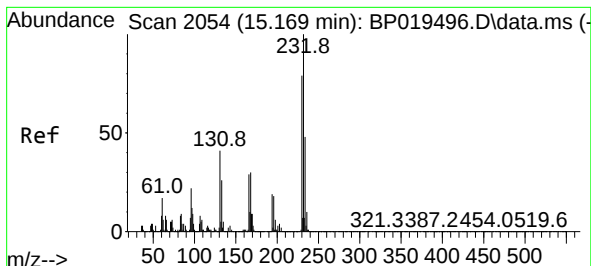


#58  
Fluorene  
Concen: 41.279 ng  
RT: 15.587 min Scan# 2125  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:166 Resp: 655269

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 97.3  | 77.8  | 116.8 |
| 167 | 13.8  | 10.7  | 16.1  |



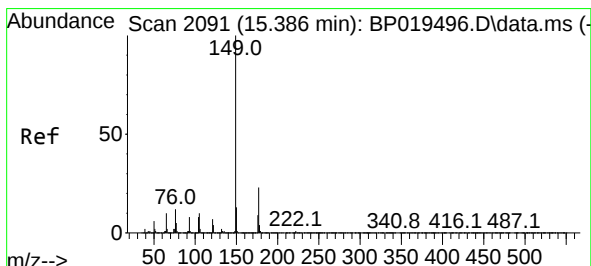
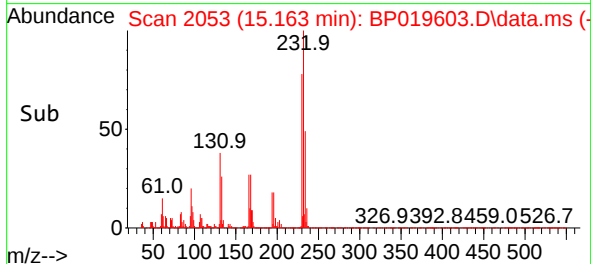
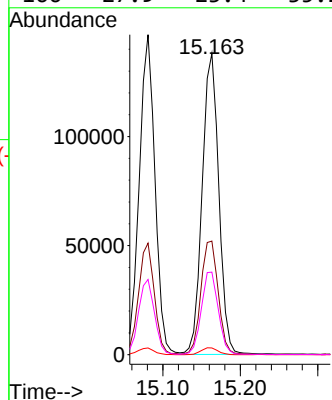
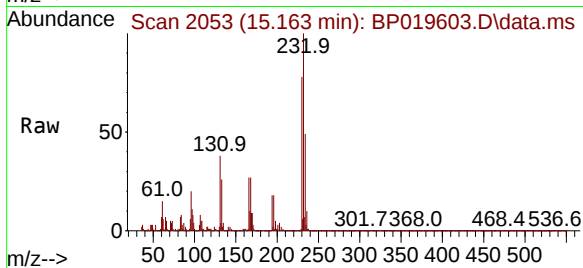


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.467 ng  
RT: 15.163 min Scan# 2054  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:232 Resp: 205730

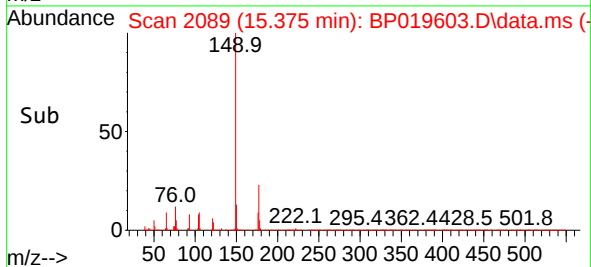
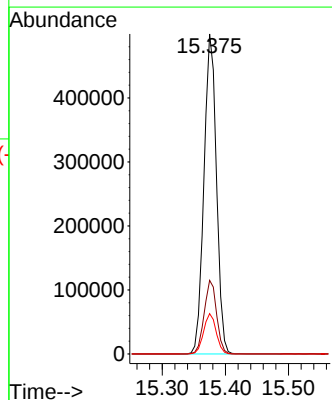
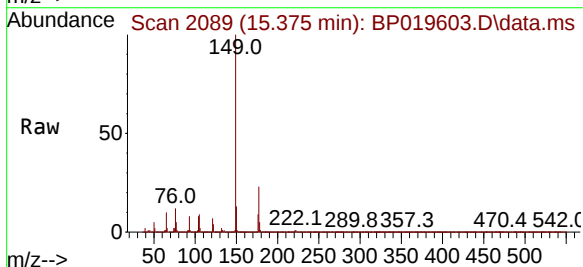
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 39.1  | 32.4  | 48.6  |
| 130 | 2.3   | 1.9   | 2.9   |
| 166 | 27.9  | 23.4  | 35.2  |



#60  
Diethylphthalate  
Concen: 42.049 ng  
RT: 15.375 min Scan# 2089  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:149 Resp: 686772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.0  | 18.2  | 27.2  |
| 150 | 12.6  | 10.2  | 15.4  |

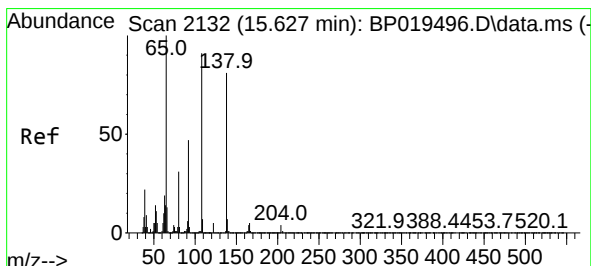
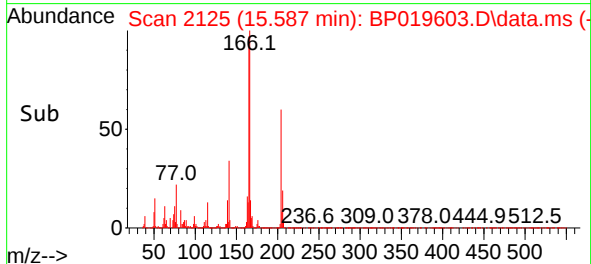
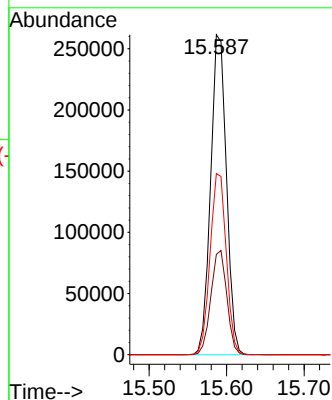
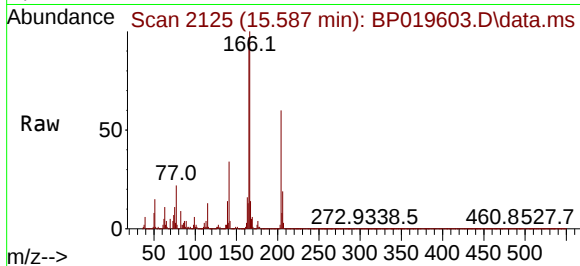




#61  
4-Chlorophenyl-phenylether  
Concen: 41.521 ng  
RT: 15.587 min Scan# 2127  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

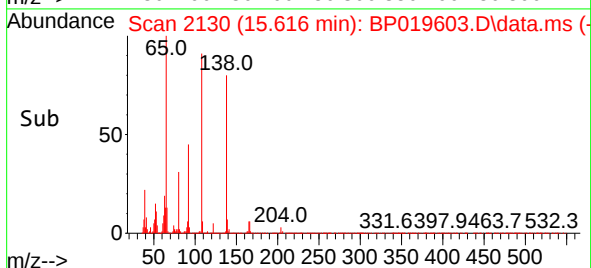
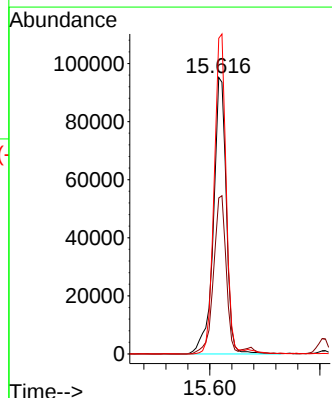
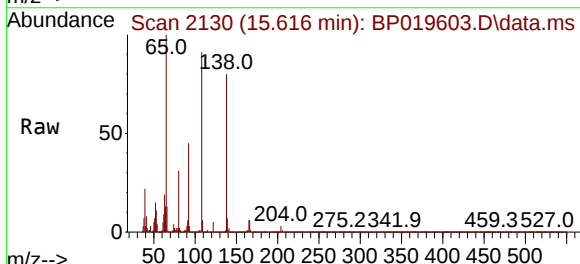
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

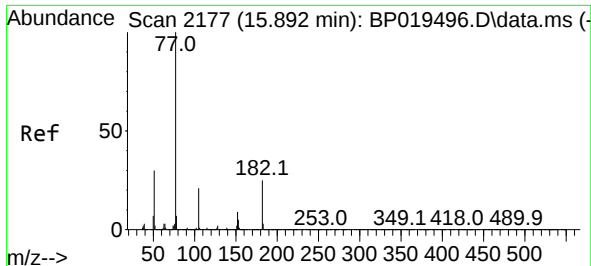
Tgt Ion:204 Resp: 370451  
Ion Ratio Lower Upper  
204 100  
206 31.4 26.5 39.7  
141 56.6 48.5 72.7



#62  
4-Nitroaniline  
Concen: 44.747 ng  
RT: 15.616 min Scan# 2130  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:138 Resp: 155506  
Ion Ratio Lower Upper  
138 100  
92 56.4 38.3 78.3  
108 114.2 91.2 131.2

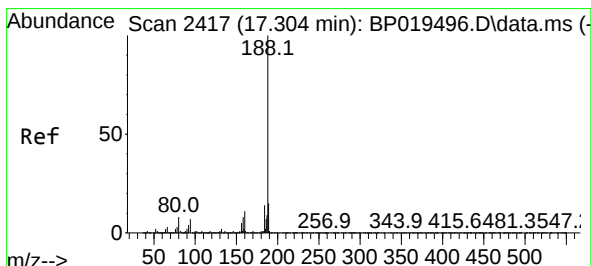
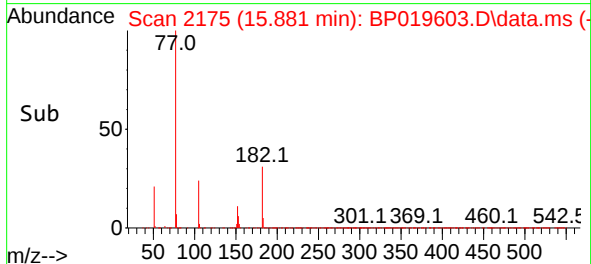
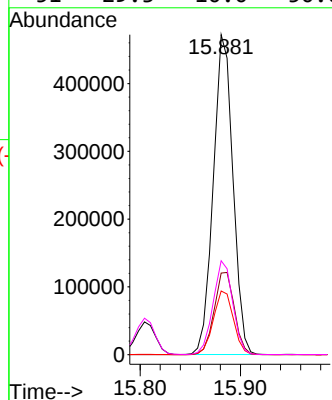
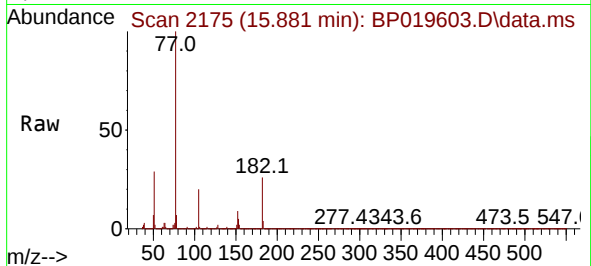




#63  
Azobenzene  
Concen: 40.637 ng  
RT: 15.881 min Scan# 2175  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

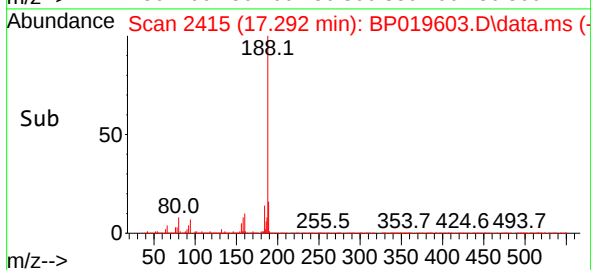
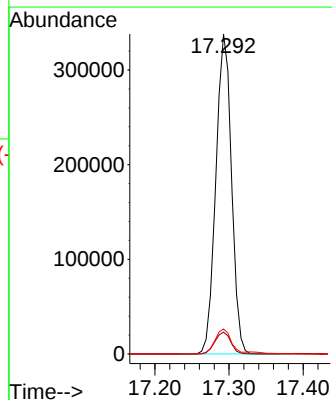
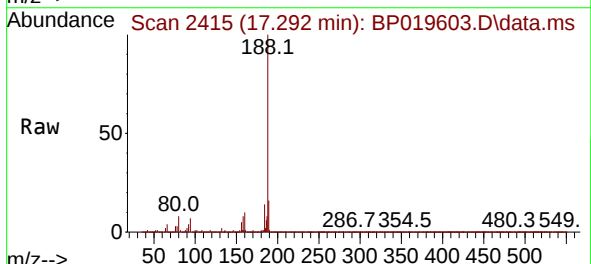
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

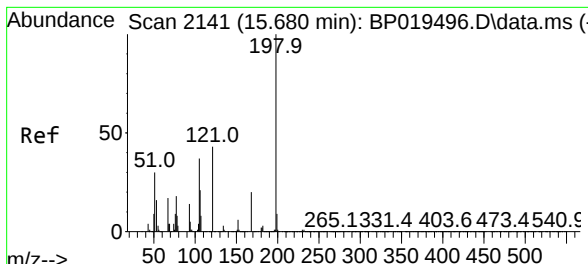
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 641816 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.5    | 5.1 45.1     |
| 105 19.9    | 0.8 40.8     |
| 51 29.3     | 10.0 50.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.292 min Scan# 2415  
Delta R.T. -0.012 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 494866 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.8      | 5.4 8.2      |
| 80 7.8      | 6.3 9.5      |

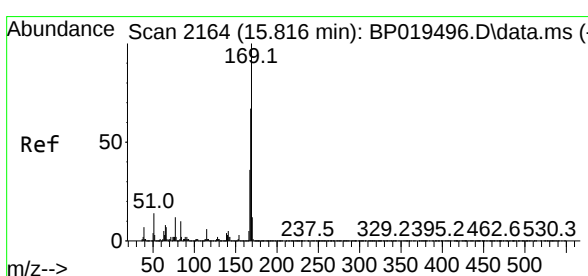
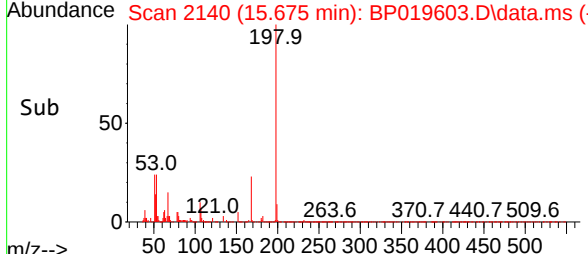
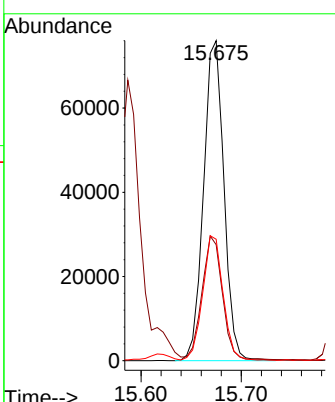
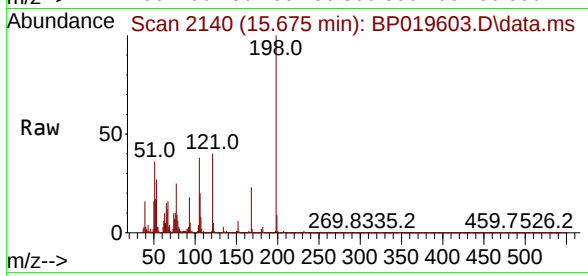




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.074 ng  
 RT: 15.675 min Scan# 2140  
 Delta R.T. -0.005 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

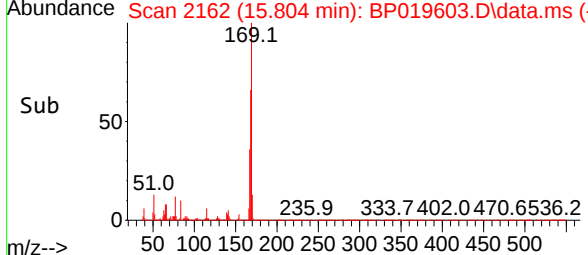
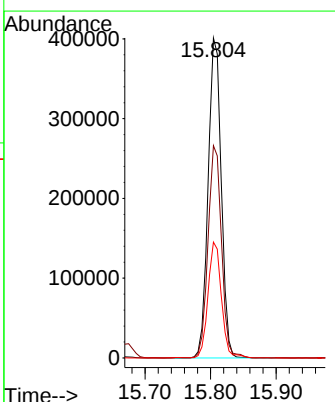
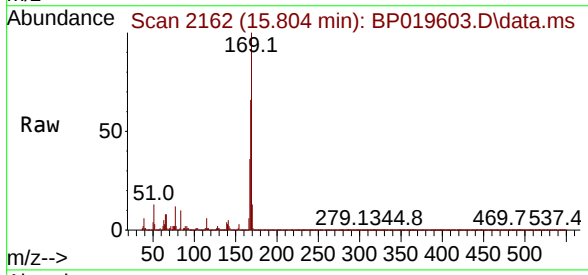
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 107435 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 36.3  | 21.2  | 61.2   |
| 105       | 37.9  | 19.1  | 59.1   |



#66  
 n-Nitrosodiphenylamine  
 Concen: 37.547 ng  
 RT: 15.804 min Scan# 2162  
 Delta R.T. -0.011 min  
 Lab File: BP019603.D  
 Acq: 07 Feb 2024 20:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 556479 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.4  | 53.4  | 80.2   |
| 167       | 36.2  | 28.9  | 43.3   |

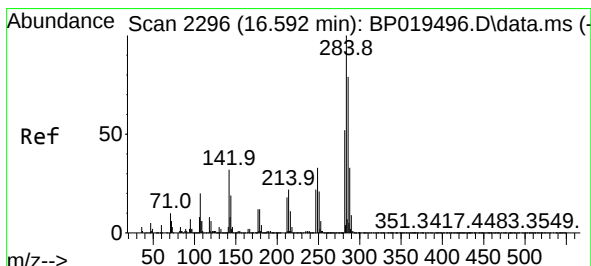
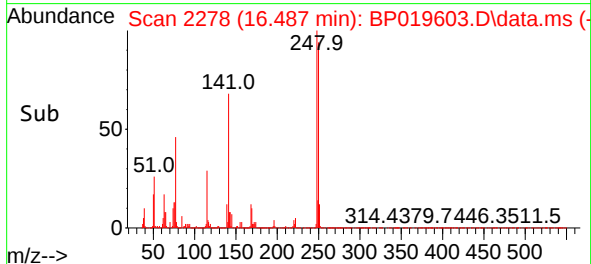
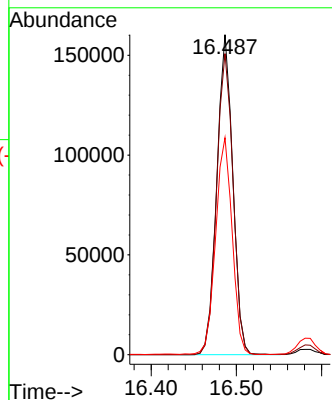
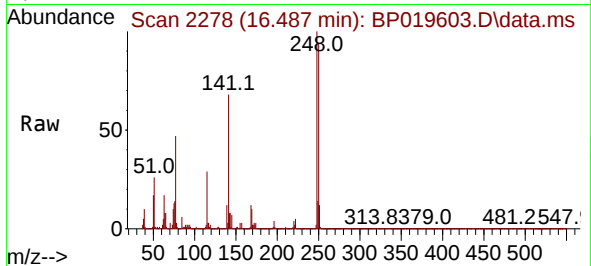




#67  
4-Bromophenyl-phenylether  
Concen: 33.772 ng  
RT: 16.487 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

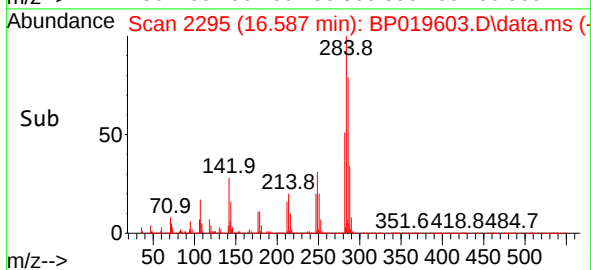
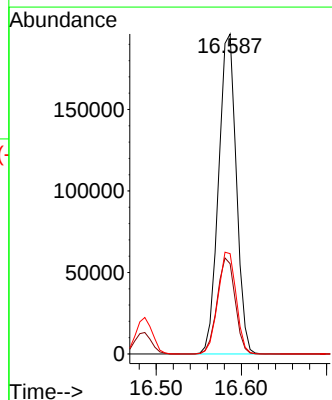
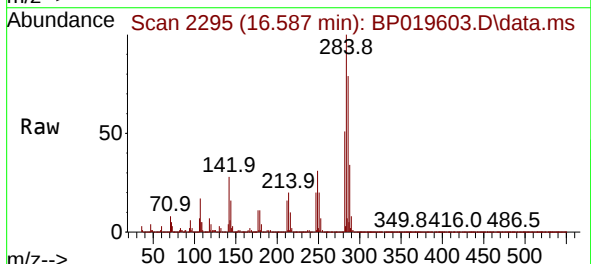
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

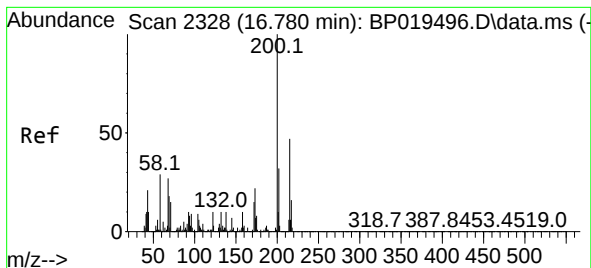
Tgt Ion:248 Resp: 208930  
Ion Ratio Lower Upper  
248 100  
250 94.1 76.9 115.3  
141 67.8 58.0 87.0



#68  
Hexachlorobenzene  
Concen: 39.298 ng  
RT: 16.587 min Scan# 2295  
Delta R.T. -0.005 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:284 Resp: 283900  
Ion Ratio Lower Upper  
284 100  
142 28.2 25.4 38.2  
249 31.4 26.5 39.7





#69

Atrazine

Concen: 39.862 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

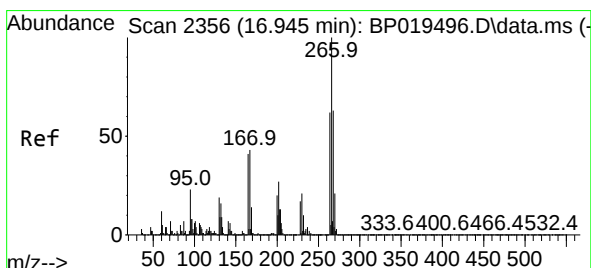
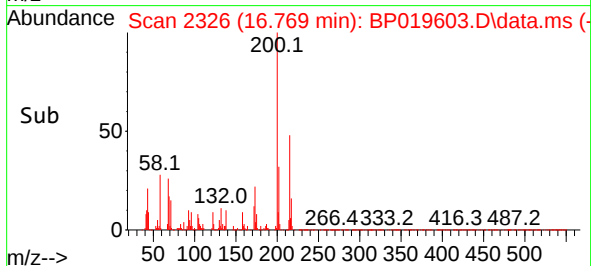
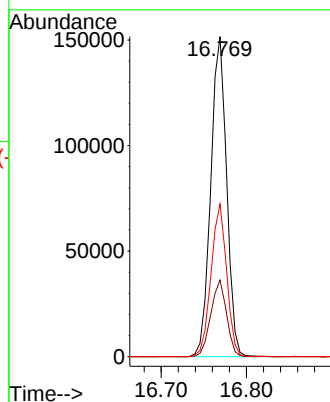
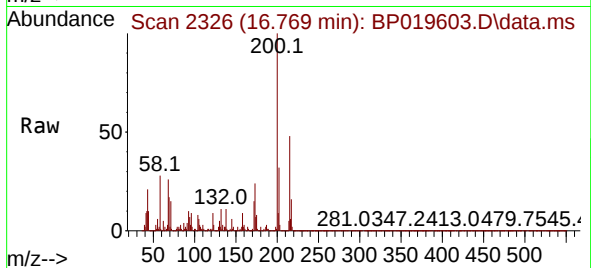
Tgt Ion:200 Resp: 196041

Ion Ratio Lower Upper

200 100

173 23.9 1.7 41.7

215 47.7 26.9 66.9



#70

Pentachlorophenol

Concen: 43.459 ng

RT: 16.934 min Scan# 2354

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

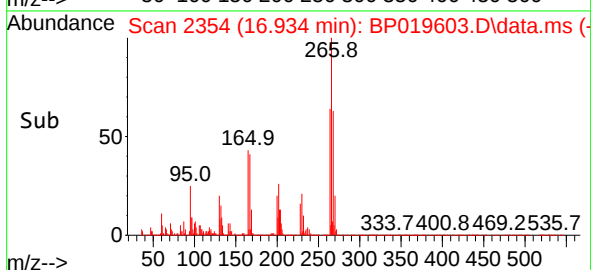
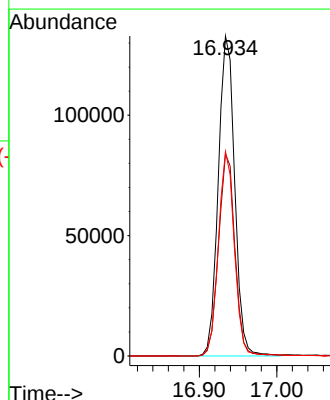
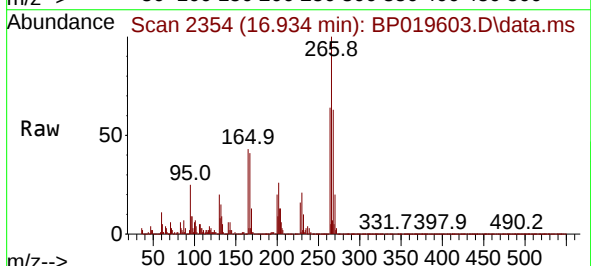
Tgt Ion:266 Resp: 195519

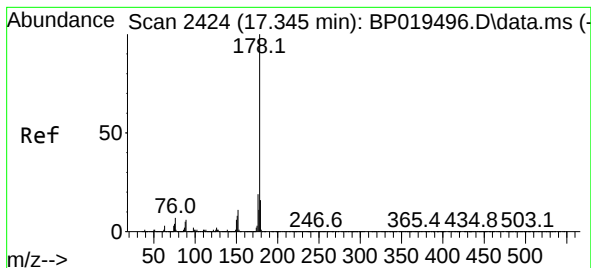
Ion Ratio Lower Upper

266 100

268 63.1 50.3 75.5

264 63.9 49.7 74.5





#71

Phenanthrene

Concen: 39.217 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

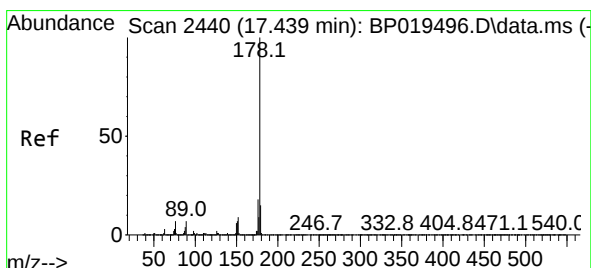
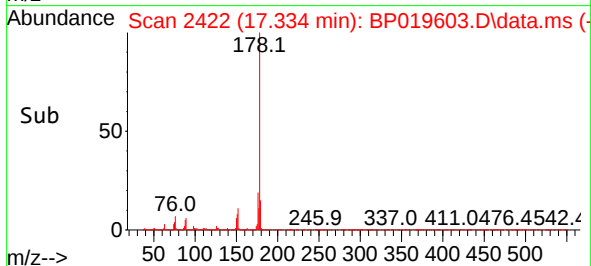
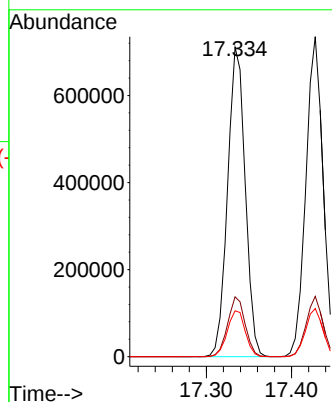
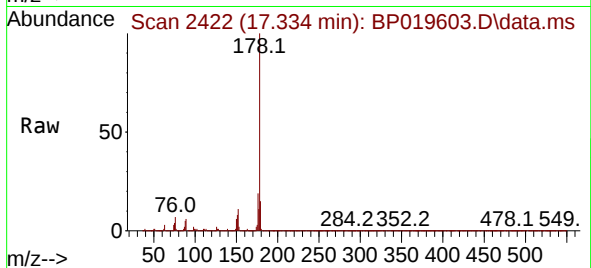
Tgt Ion:178 Resp: 1021347

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 14.9 12.6 19.0



#72

Anthracene

Concen: 39.560 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

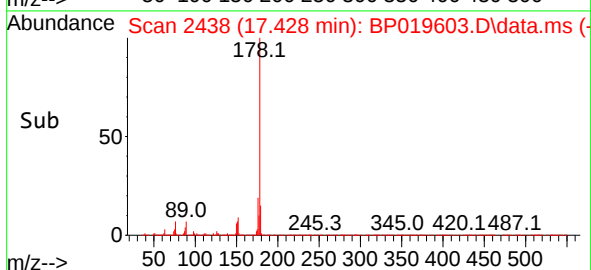
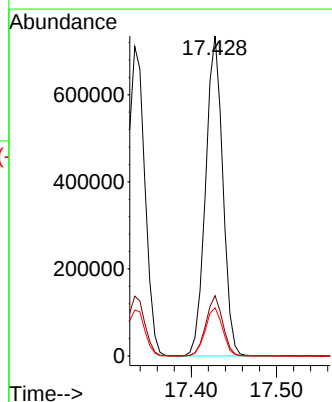
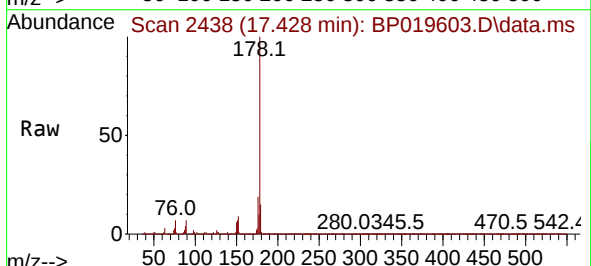
Tgt Ion:178 Resp: 1027742

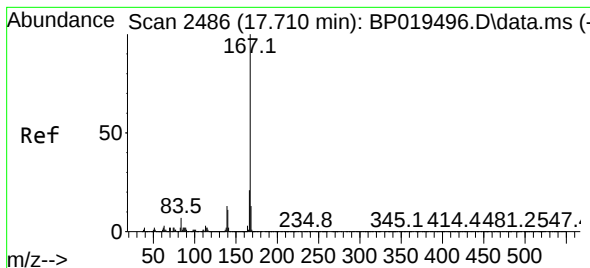
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.1 12.2 18.2





#73

Carbazole

Concen: 40.515 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

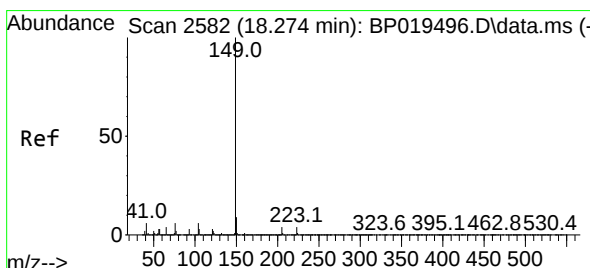
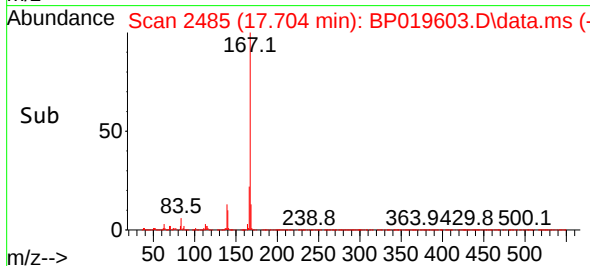
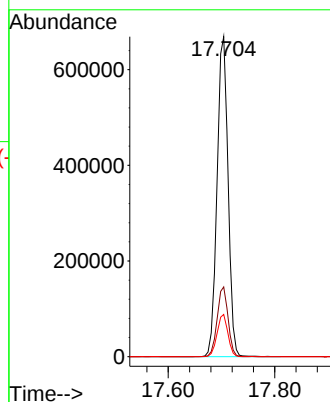
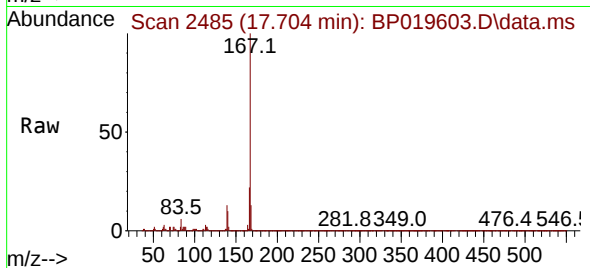
Tgt Ion:167 Resp: 956201

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 40.580 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

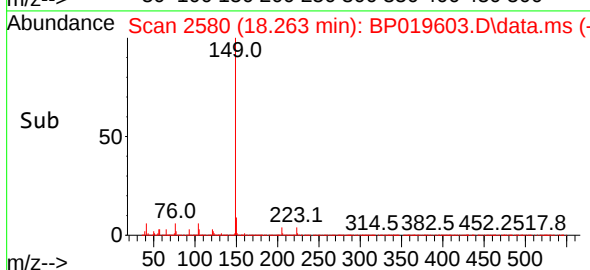
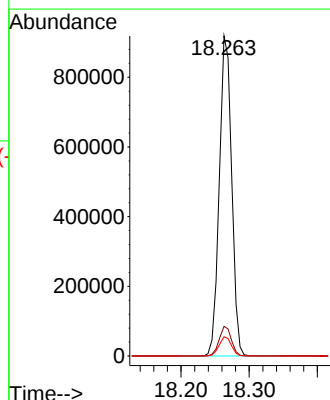
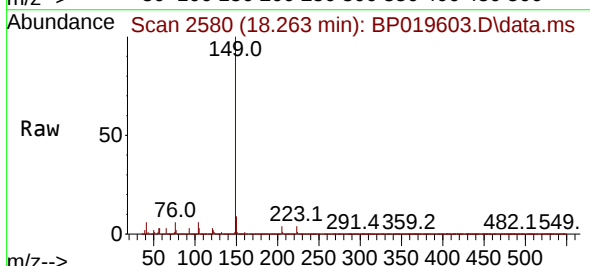
Tgt Ion:149 Resp: 1158017

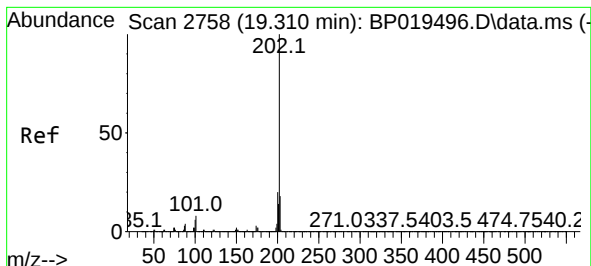
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.0 4.8 7.2





#75

Fluoranthene

Concen: 41.595 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

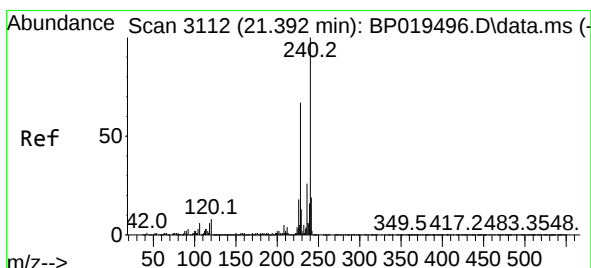
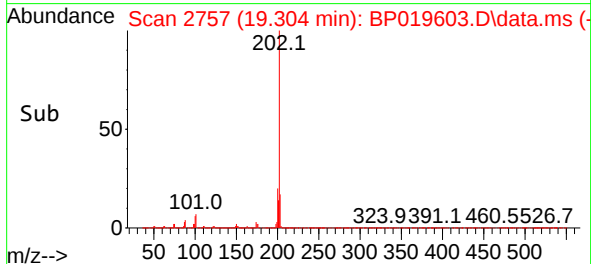
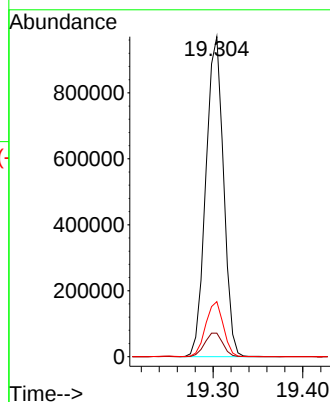
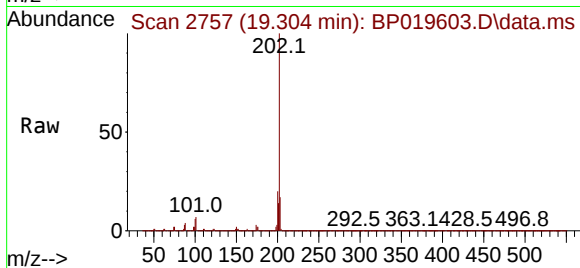
Tgt Ion:202 Resp: 1323322

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.7

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

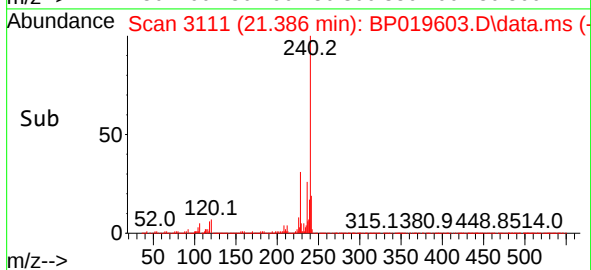
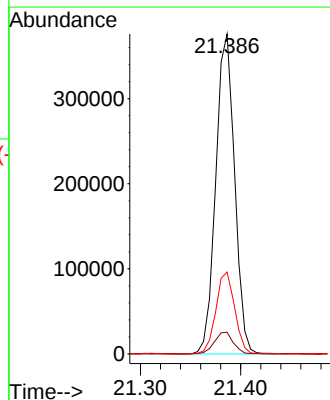
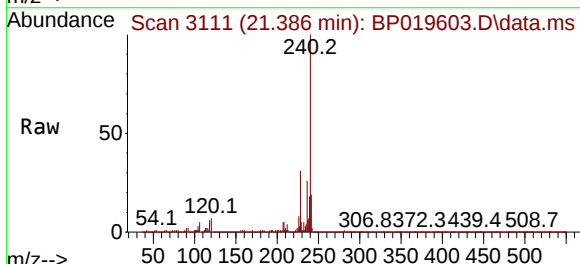
Tgt Ion:240 Resp: 490016

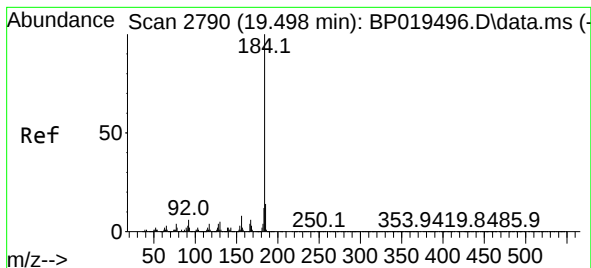
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.6 20.7 31.1





#77

Benzidine

Concen: 61.002 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

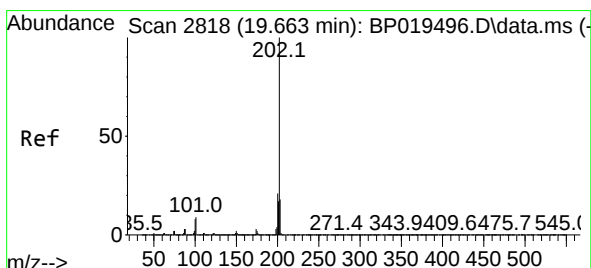
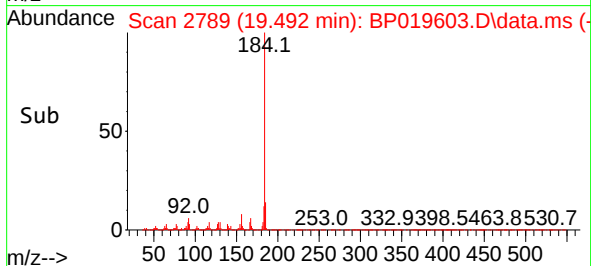
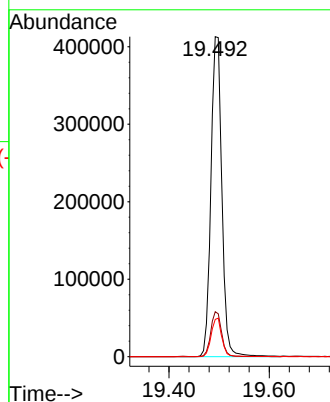
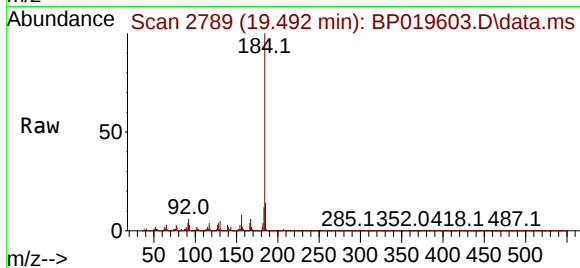
Tgt Ion:184 Resp: 624938

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 39.528 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

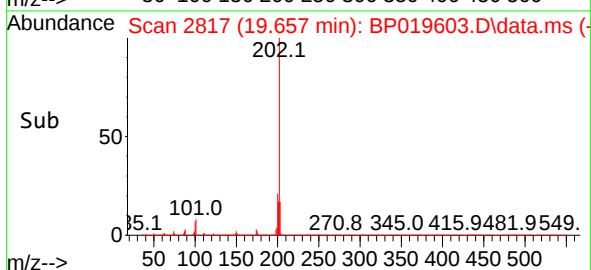
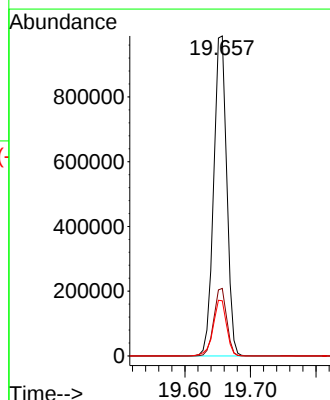
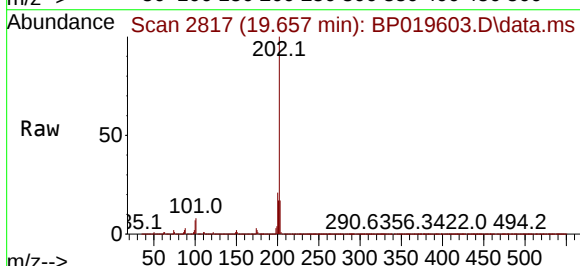
Tgt Ion:202 Resp: 1366997

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 81.049 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

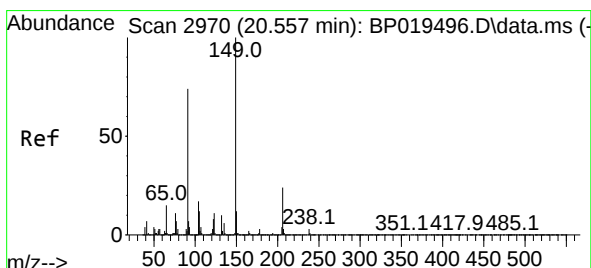
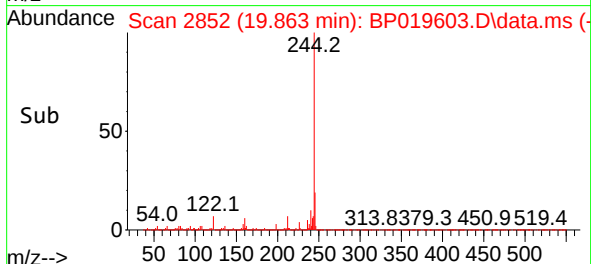
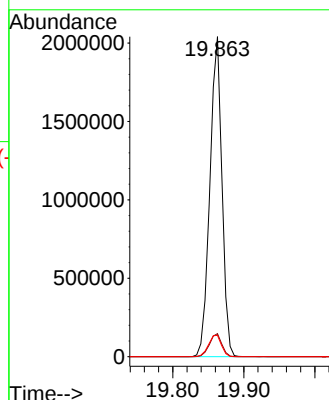
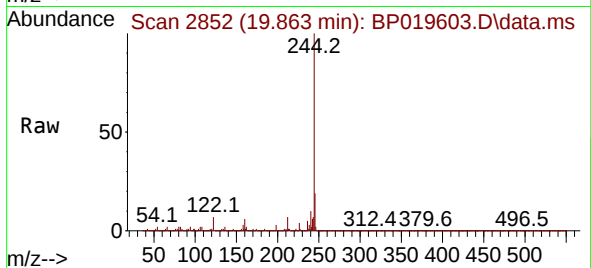
Tgt Ion:244 Resp: 2414977

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.7 5.9 8.9



#80

Butylbenzylphthalate

Concen: 39.740 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

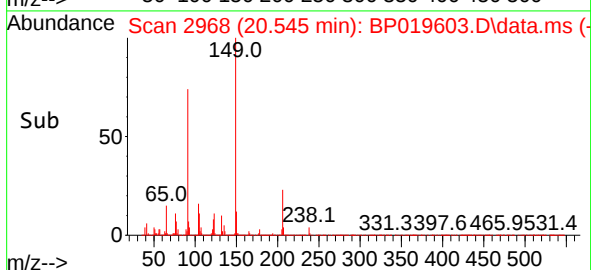
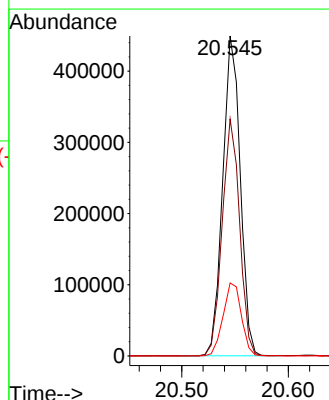
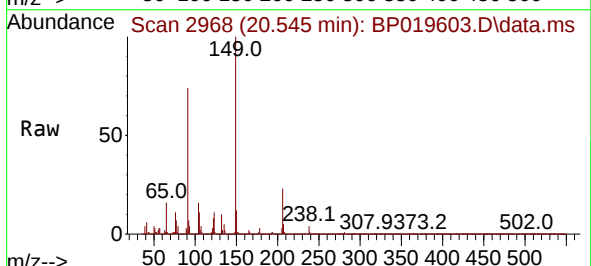
Tgt Ion:149 Resp: 513245

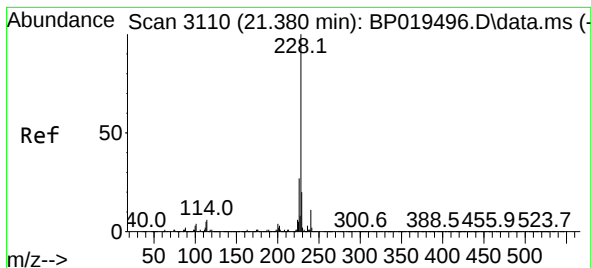
Ion Ratio Lower Upper

149 100

91 74.1 59.4 89.0

206 22.8 19.0 28.6





#81

Benzo(a)anthracene

Concen: 39.486 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

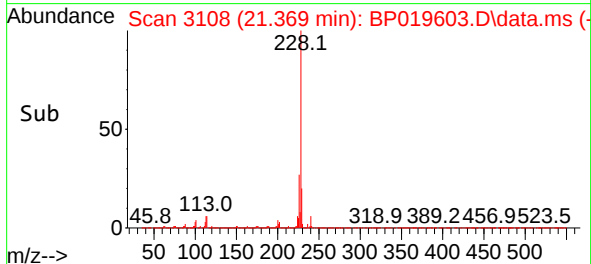
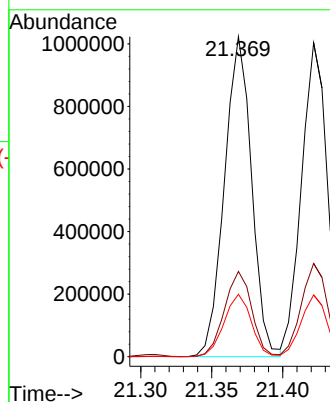
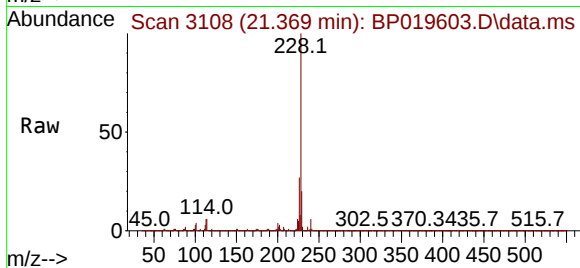
Tgt Ion:228 Resp: 1362017

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.706 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

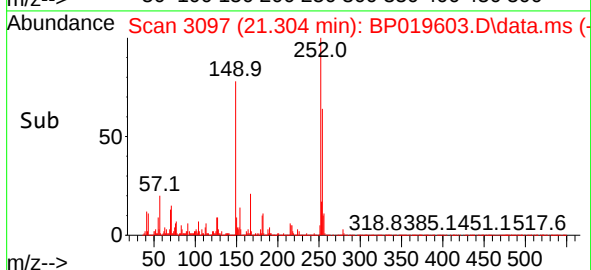
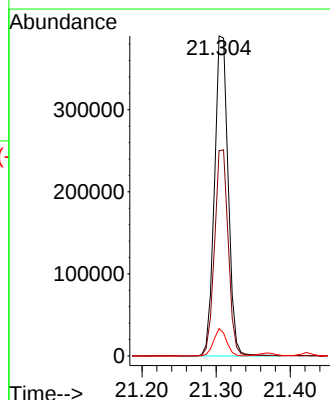
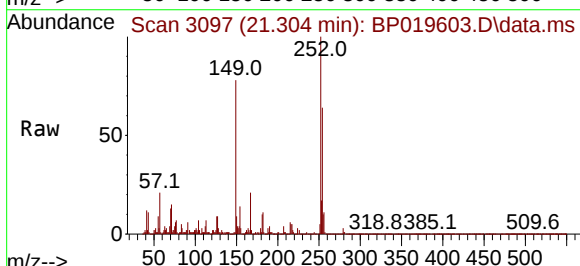
Tgt Ion:252 Resp: 499084

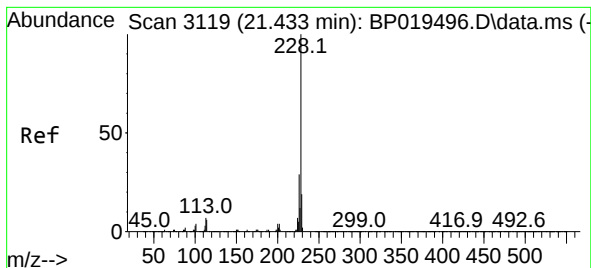
Ion Ratio Lower Upper

252 100

254 64.2 50.7 76.1

126 8.6 6.4 9.6





#83

Chrysene

Concen: 38.826 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

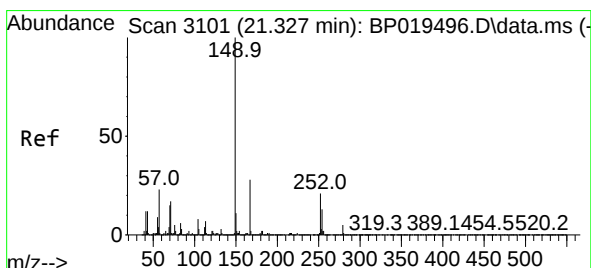
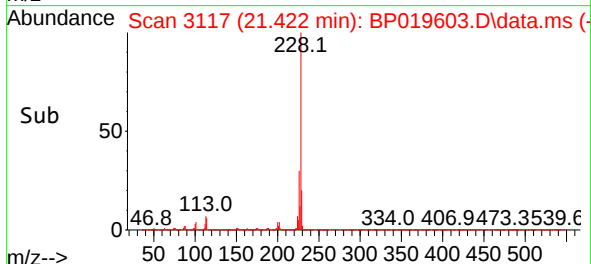
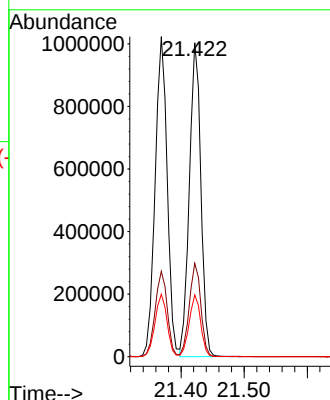
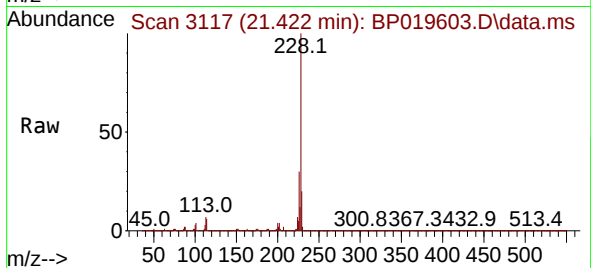
Tgt Ion:228 Resp: 1271506

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.799 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

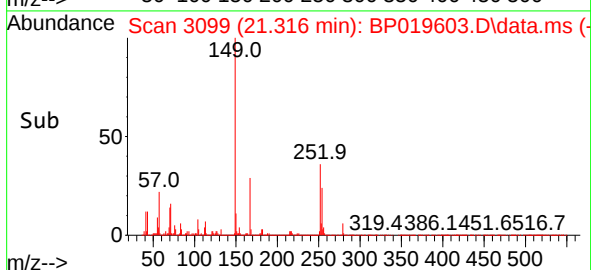
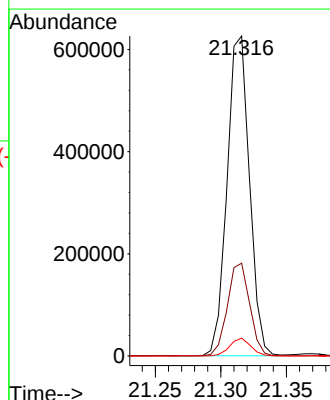
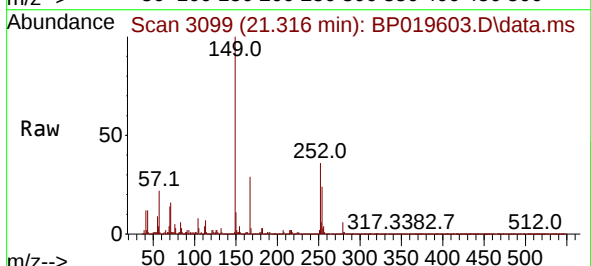
Tgt Ion:149 Resp: 743369

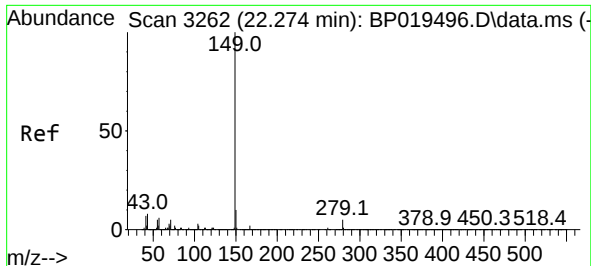
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

279 5.5 4.2 6.2

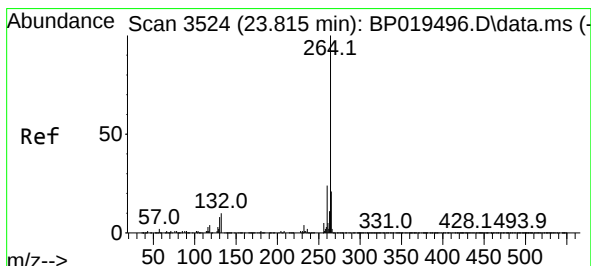
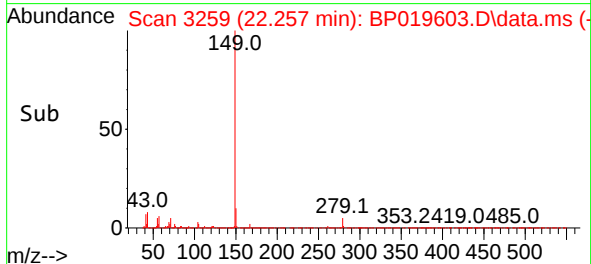
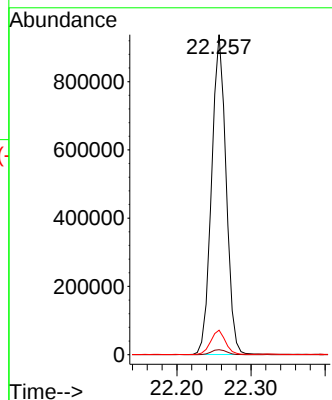
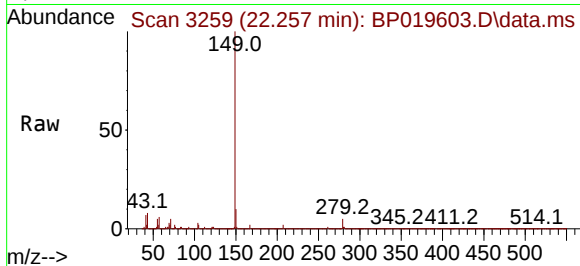




#85  
Di-n-octyl phthalate  
Concen: 36.752 ng  
RT: 22.257 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

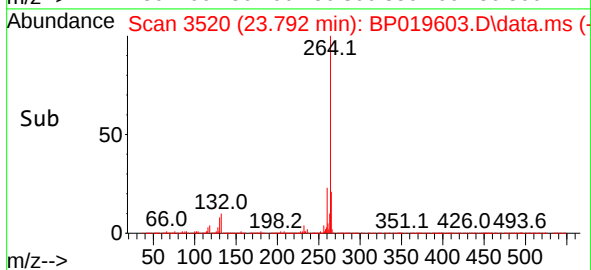
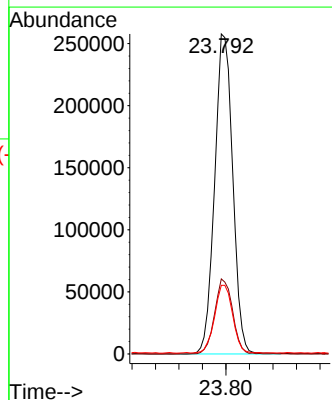
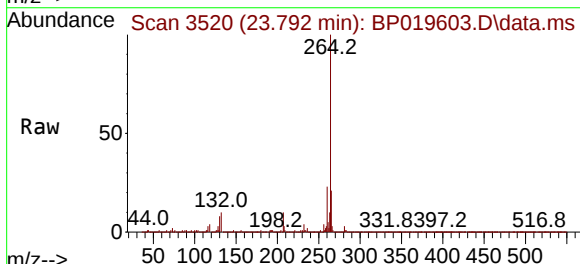
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:149 Resp: 1271668  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.7 6.3 9.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.792 min Scan# 3520  
Delta R.T. -0.023 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:264 Resp: 550493  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.2 28.8  
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.861 ng

RT: 26.316 min Scan# 3949

Delta R.T. -0.029 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

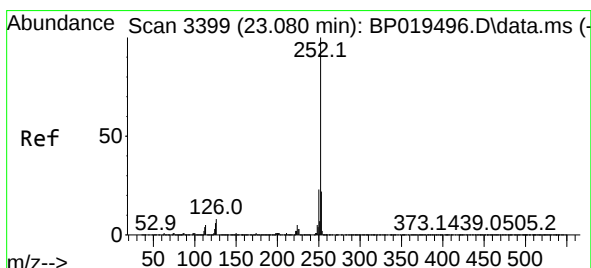
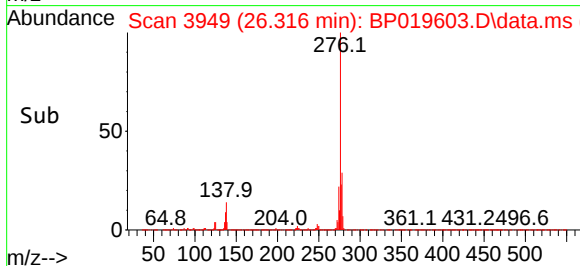
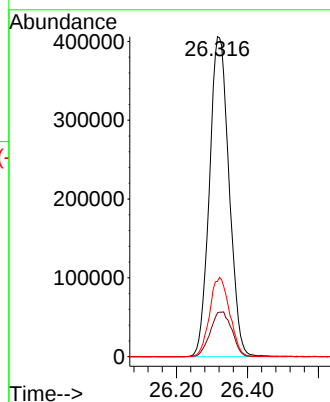
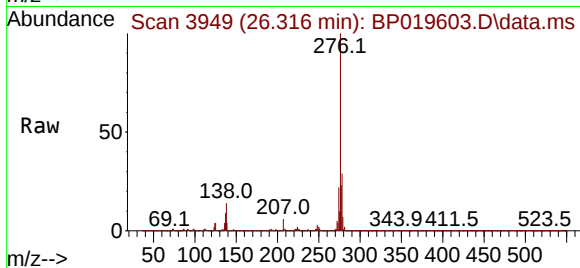
Tgt Ion:276 Resp: 1553262

Ion Ratio Lower Upper

276 100

138 15.4 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.324 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

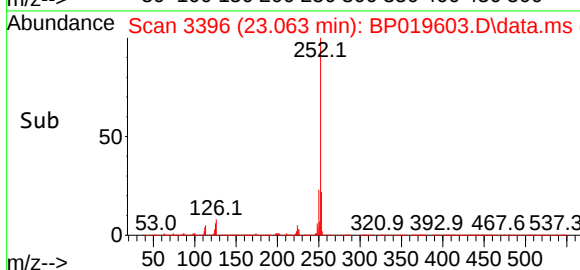
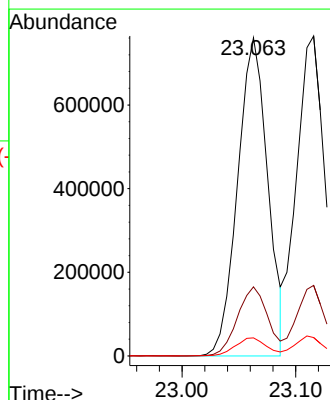
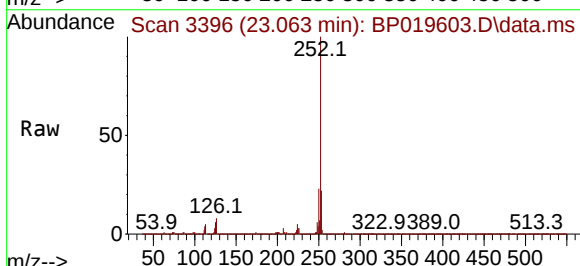
Tgt Ion:252 Resp: 1399049

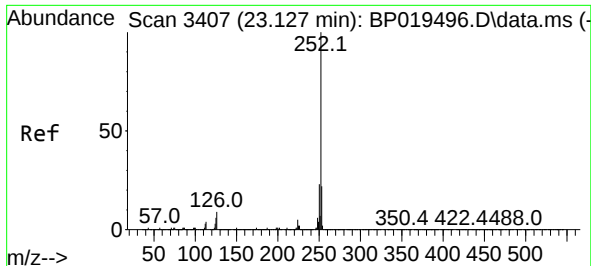
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 5.7 4.9 7.3

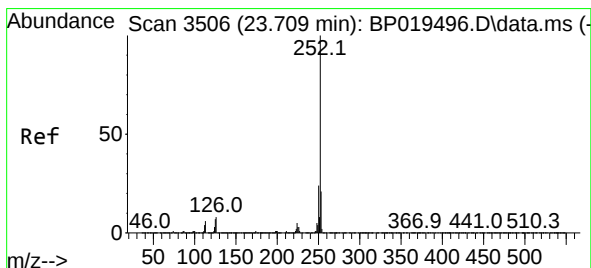
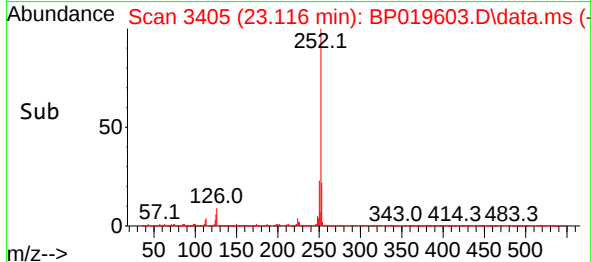
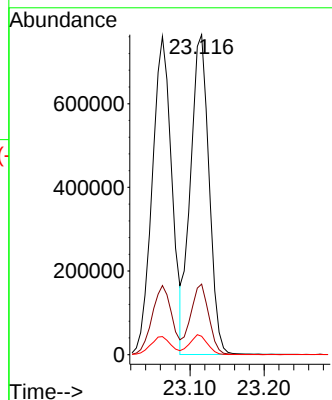
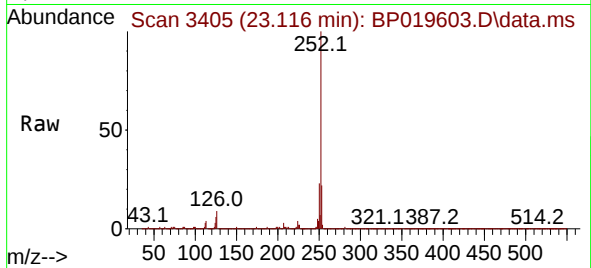




#89  
Benzo(k)fluoranthene  
Concen: 40.038 ng  
RT: 23.116 min Scan# 34  
Delta R.T. -0.011 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

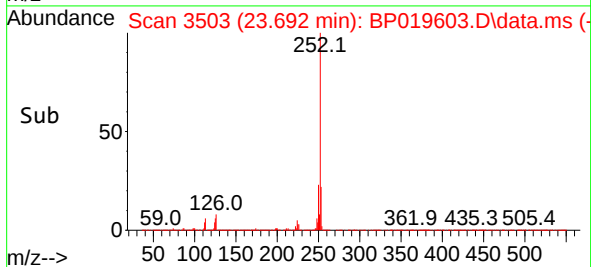
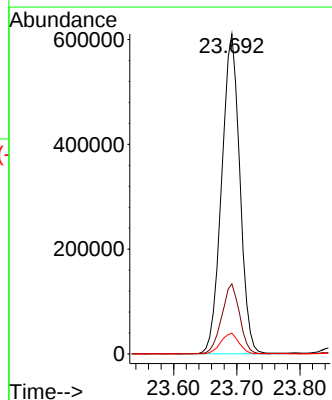
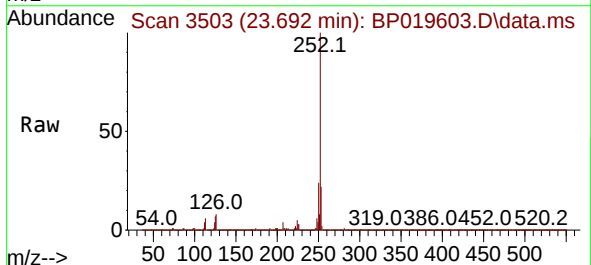
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040EC

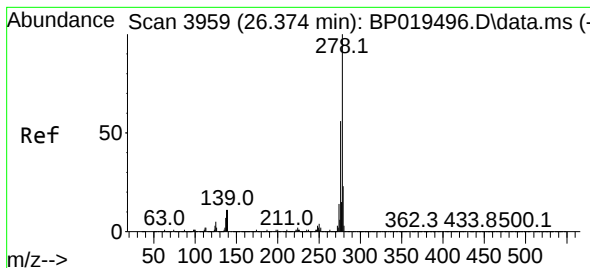
Tgt Ion:252 Resp: 1326943  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.1 25.7  
125 5.8 5.0 7.6



#90  
Benzo(a)pyrene  
Concen: 39.460 ng  
RT: 23.692 min Scan# 3503  
Delta R.T. -0.017 min  
Lab File: BP019603.D  
Acq: 07 Feb 2024 20:22

Tgt Ion:252 Resp: 1218151  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 6.5 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 37.047 ng

RT: 26.345 min Scan# 3954

Delta R.T. -0.029 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040EC

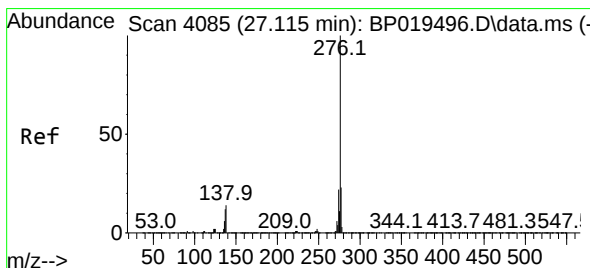
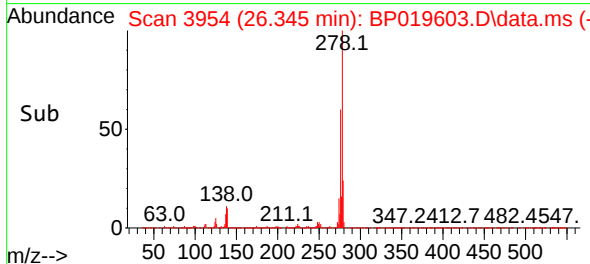
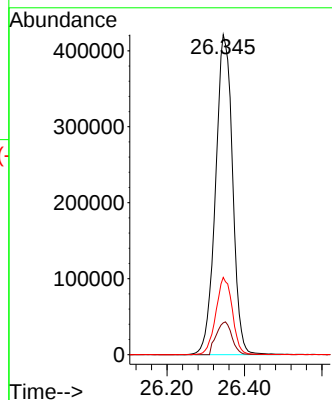
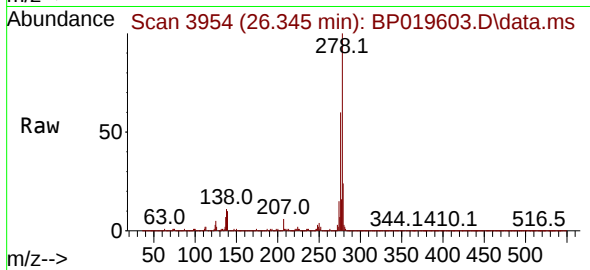
Tgt Ion:278 Resp: 1283947

Ion Ratio Lower Upper

278 100

139 9.9 8.6 12.8

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 36.543 ng

RT: 27.092 min Scan# 4081

Delta R.T. -0.023 min

Lab File: BP019603.D

Acq: 07 Feb 2024 20:22

Tgt Ion:276 Resp: 1284857

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 13.7 10.9 16.3

