

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
 Data File : BP016464.D  
 Acq On : 02 Aug 2023 12:25  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 02 21:41:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.075  | 152  | 543905   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.910 | 136  | 2304906  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.728 | 164  | 1493641  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 3423483  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.592 | 240  | 3337358  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.192 | 264  | 3718406  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 2578069  | 77.328 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.216  | 99   | 3620110  | 79.219 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.275  | 82   | 3236812  | 78.611 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.222 | 330  | 1946132  | 88.567 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.351 | 172  | 7689412  | 73.807 | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.039 | 244  | 11837066 | 74.924 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.440  | 88   | 480917   | 36.985 | ng    | 100      |
| 3) Pyridine                   | 3.858  | 79   | 1542004  | 39.673 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.787  | 42   | 549488   | 37.496 | ng    | 98       |
| 6) Aniline                    | 7.410  | 93   | 2253341  | 39.921 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.628  | 128  | 1384847  | 39.616 | ng    | 98       |
| 9) Benzaldehyde               | 7.228  | 77   | 838170   | 38.878 | ng    | 99       |
| 10) Phenol                    | 7.240  | 94   | 1750752  | 39.451 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.504  | 93   | 1391682  | 38.579 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.957  | 146  | 1431008  | 38.133 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.110  | 146  | 1456509  | 38.262 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.428  | 146  | 1402362  | 38.262 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.328  | 79   | 1300486  | 41.655 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.610  | 45   | 1540271  | 37.649 | ng    | 99       |
| 17) 2-Methylphenol            | 8.510  | 107  | 1295671  | 40.512 | ng    | 100      |
| 18) Hexachloroethane          | 9.151  | 117  | 527200   | 38.827 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.898  | 70   | 1155059  | 40.347 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.846  | 107  | 1792158  | 41.259 | ng    | 99       |
| 22) Acetophenone              | 8.922  | 105  | 2212707  | 38.022 | ng    | # 99     |
| 24) Nitrobenzene              | 9.316  | 77   | 1632108  | 38.592 | ng    | 99       |
| 25) Isophorone                | 9.834  | 82   | 3264595  | 39.271 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.022 | 139  | 817790   | 45.070 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.057 | 122  | 1460839  | 39.280 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.322 | 93   | 1947578  | 38.248 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.540 | 162  | 1440184  | 41.379 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.757 | 180  | 1452102  | 38.519 | ng    | 99       |
| 31) Naphthalene               | 10.963 | 128  | 4537898  | 37.639 | ng    | 100      |
| 32) Benzoic acid              | 10.198 | 122  | 1178281  | 48.252 | ng    | 98       |
| 33) 4-Chloroaniline           | 11.087 | 127  | 2166441  | 39.836 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.198 | 225  | 893770   | 40.045 | ng    | 99       |
| 35) Caprolactam               | 11.916 | 113  | 550378   | 43.276 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.181 | 107  | 1576521  | 40.750 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.557 | 142  | 3392339  | 38.732 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.775 | 142  | 3177014  | 38.691 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 1763731  | 38.857 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.863 | 237  | 1029475  | 45.159 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.151 | 196  | 1245942  | 42.780 | ng    | 100      |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

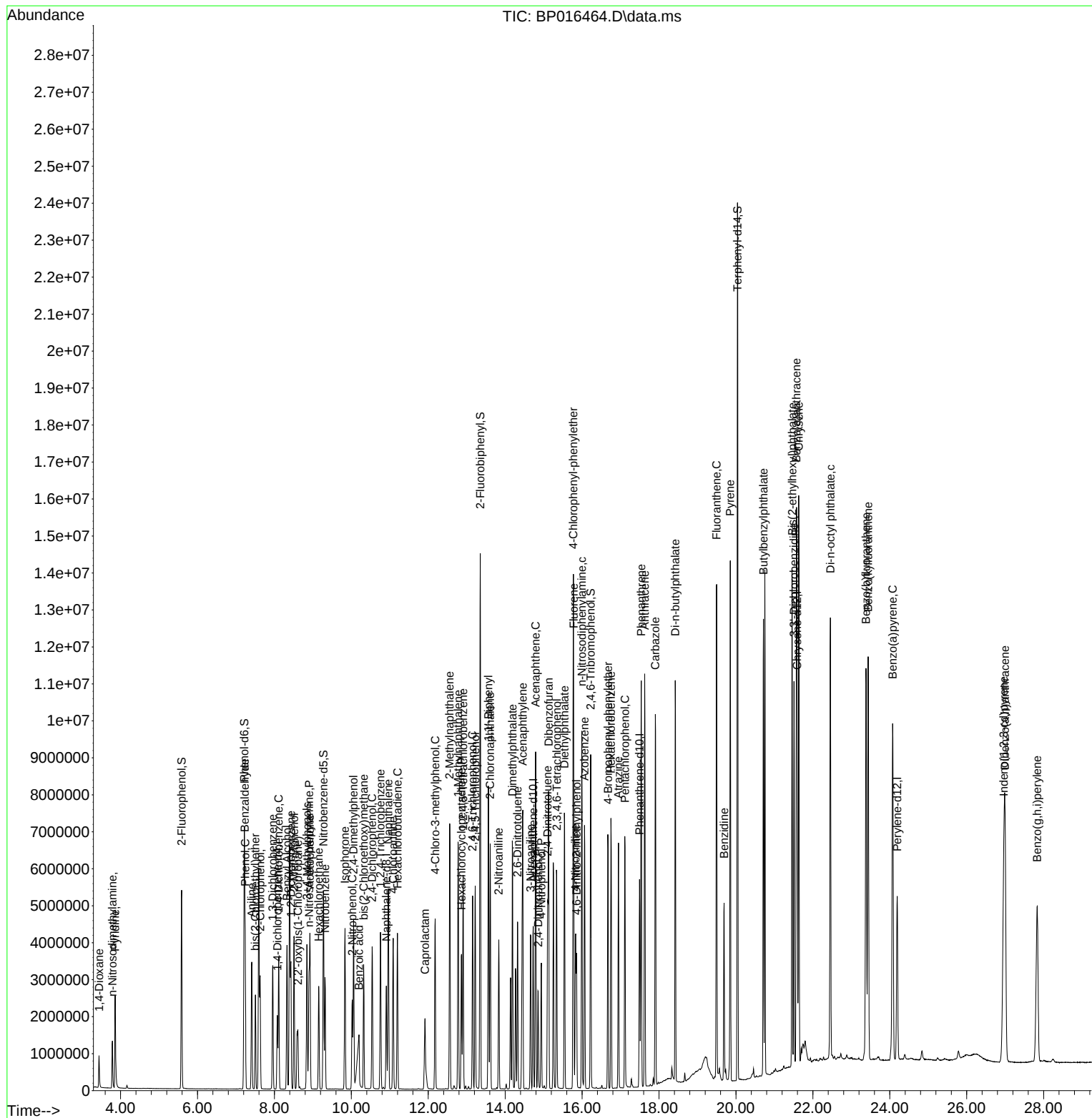
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.222 | 196  | 1455574  | 41.194 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.563 | 154  | 4239114  | 37.232 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.610 | 162  | 3235527  | 37.667 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.834 | 65   | 1019579  | 42.109 | ng    | 95       |
| 49) Acenaphthylene            | 14.457 | 152  | 5410085  | 37.959 | ng    | 99       |
| 50) Dimethylphthalate         | 14.186 | 163  | 4452552  | 38.254 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.322 | 165  | 986491   | 41.371 | ng    | 98       |
| 52) Acenaphthene              | 14.792 | 154  | 3199243  | 37.748 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.663 | 138  | 1114097  | 41.327 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.857 | 184  | 569199   | 53.924 | ng    | 97       |
| 55) Dibenzofuran              | 15.128 | 168  | 5244408  | 37.730 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.939 | 139  | 920114   | 43.602 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.104 | 165  | 1354805  | 43.597 | ng    | 97       |
| 58) Fluorene                  | 15.780 | 166  | 4142485  | 37.934 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.339 | 232  | 1246467  | 42.883 | ng    | 99       |
| 60) Diethylphthalate          | 15.539 | 149  | 4460206  | 38.560 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.769 | 204  | 2140782  | 38.849 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.828 | 138  | 1122547  | 41.959 | ng    | 99       |
| 63) Azobenzene                | 16.063 | 77   | 4035769  | 36.951 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 198  | 799136   | 49.609 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.992 | 169  | 3769226  | 37.359 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.675 | 248  | 1428237  | 39.399 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.751 | 284  | 1617870  | 40.021 | ng    | 98       |
| 69) Atrazine                  | 16.945 | 200  | 1264142  | 42.131 | ng    | 100      |
| 70) Pentachlorophenol         | 17.116 | 266  | 1269507  | 45.379 | ng    | 99       |
| 71) Phenanthrene              | 17.539 | 178  | 6763231  | 37.205 | ng    | 100      |
| 72) Anthracene                | 17.627 | 178  | 6932915  | 37.928 | ng    | 100      |
| 73) Carbazole                 | 17.904 | 167  | 6449539  | 37.634 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.422 | 149  | 7962681  | 40.161 | ng    | 99       |
| 75) Fluoranthene              | 19.498 | 202  | 8118657  | 38.104 | ng    | 100      |
| 77) Benzidine                 | 19.692 | 184  | 2705913  | 46.765 | ng    | 99       |
| 78) Pyrene                    | 19.851 | 202  | 8399047  | 37.543 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.715 | 149  | 3755137  | 42.725 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.574 | 228  | 8536004  | 38.121 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.510 | 252  | 3140856  | 42.729 | ng    | 99       |
| 83) Chrysene                  | 21.633 | 228  | 8052018  | 37.657 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 5509546  | 41.753 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 22.457 | 149  | 9412776  | 42.414 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.962 | 276  | 8292474  | 33.079 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.380 | 252  | 8598625  | 39.893 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.439 | 252  | 8546199  | 38.986 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.074 | 252  | 8149468  | 39.034 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.998 | 278  | 6982962  | 33.401 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.833 | 276  | 6398480  | 31.760 | ng    | 99       |

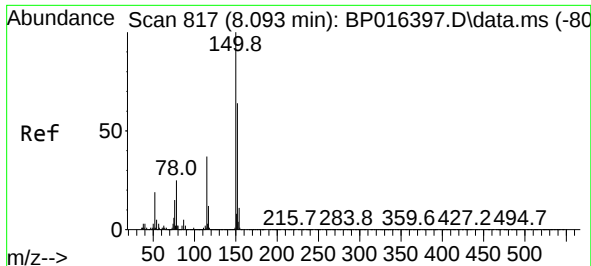
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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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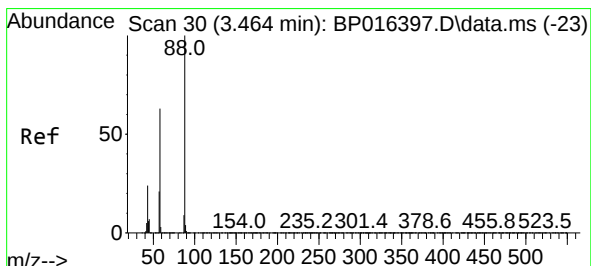
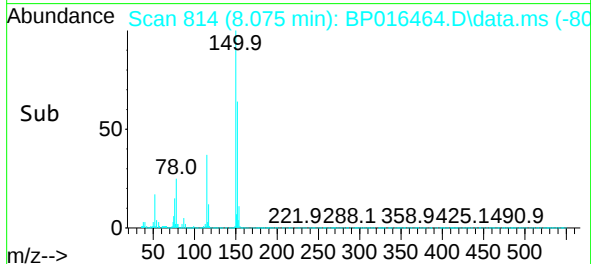
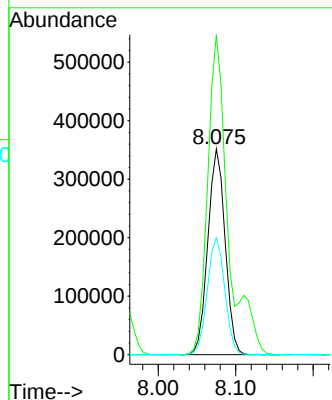
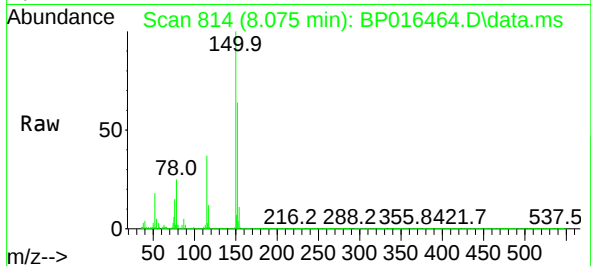




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.075 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

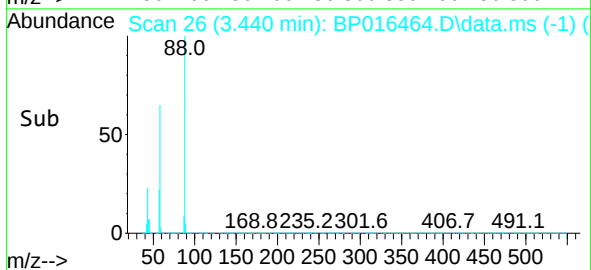
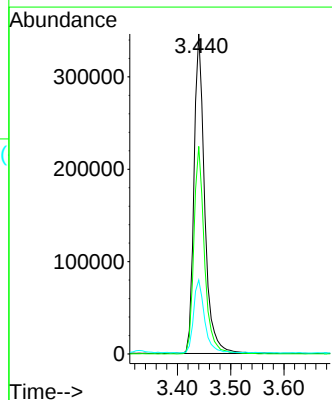
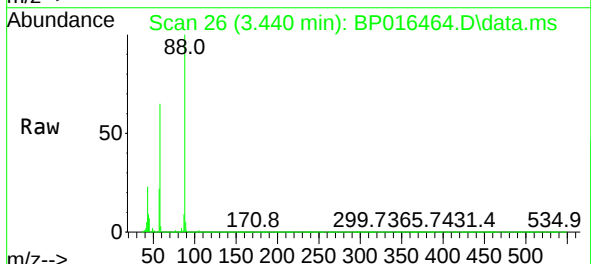
Instrument :  
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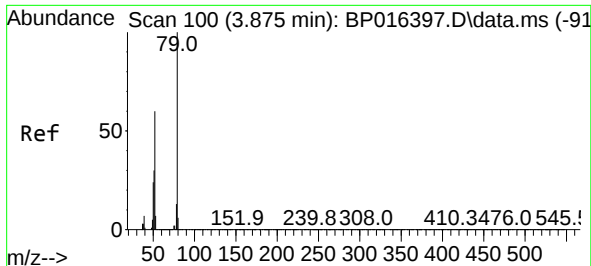
Tgt Ion:152 Resp: 543905  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.9 187.3  
115 56.9 46.8 70.2



#2  
1,4-Dioxane  
Concen: 36.985 ng  
RT: 3.440 min Scan# 26  
Delta R.T. -0.024 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 88 Resp: 480917  
Ion Ratio Lower Upper  
88 100  
58 64.8 51.7 77.5  
43 23.5 19.2 28.8



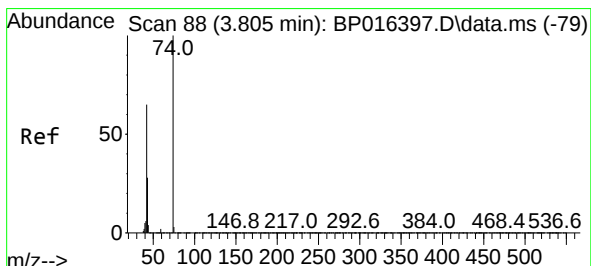
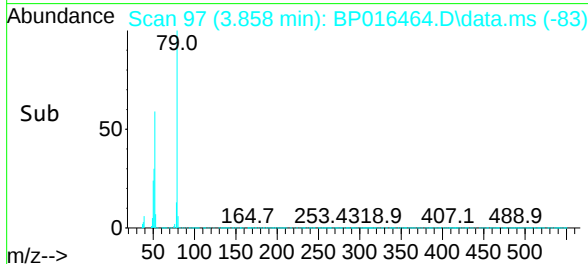
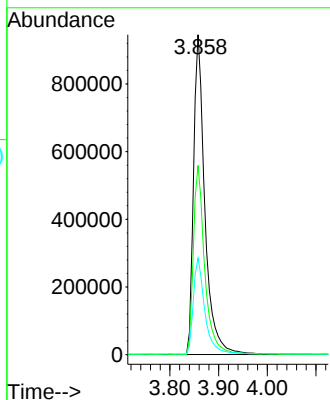
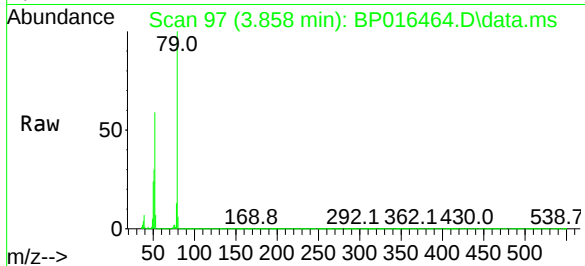


#3  
Pyridine  
Concen: 39.673 ng  
RT: 3.858 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 1542004

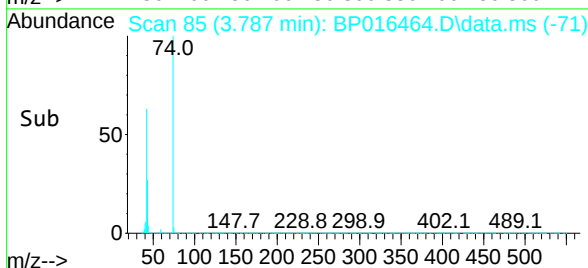
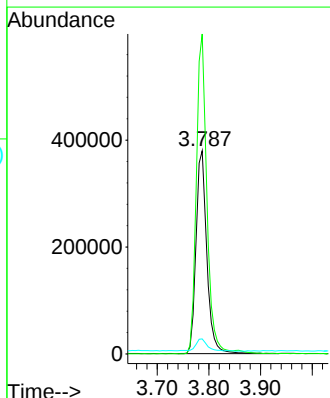
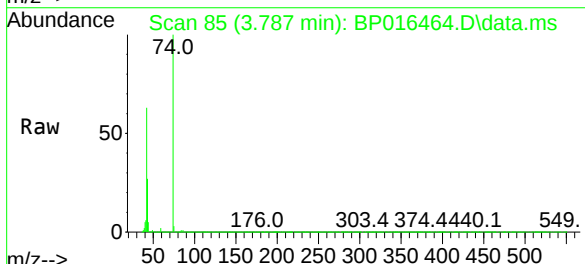
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 59.2  | 47.9  | 71.9  |
| 51  | 30.2  | 24.4  | 36.6  |

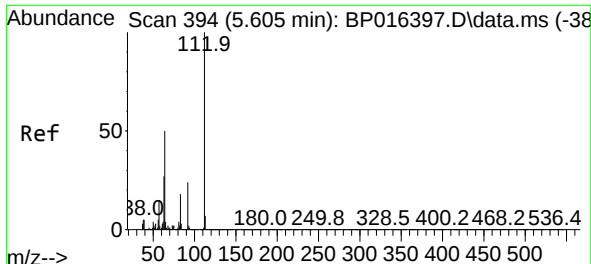


#4  
n-Nitrosodimethylamine  
Concen: 37.496 ng  
RT: 3.787 min Scan# 85  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 42 Resp: 549488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 157.5 | 123.8 | 185.8 |
| 44  | 7.4   | 5.5   | 8.3   |

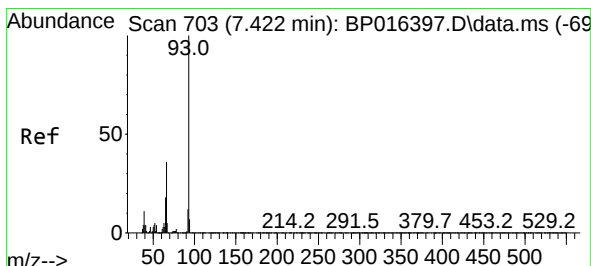
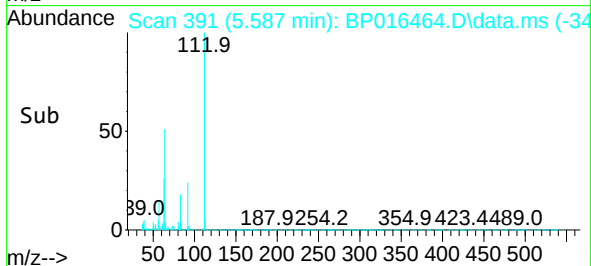
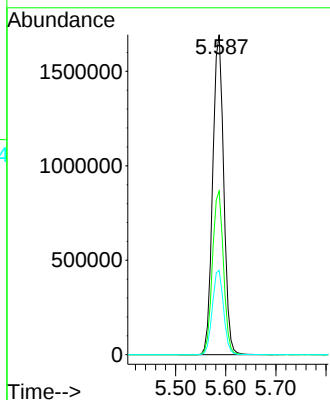
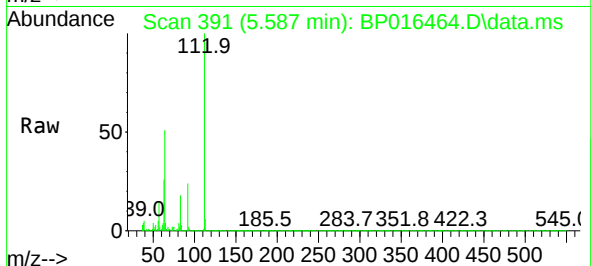




#5  
2-Fluorophenol  
Concen: 77.328 ng  
RT: 5.587 min Scan# 394  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

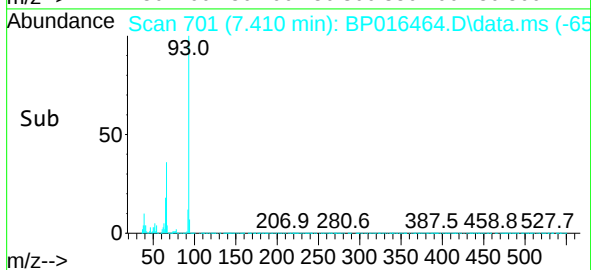
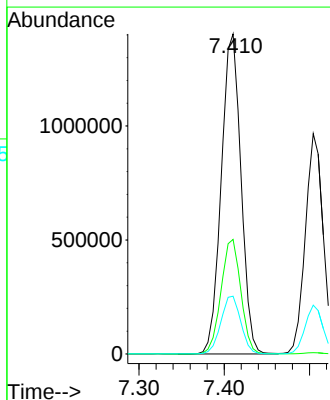
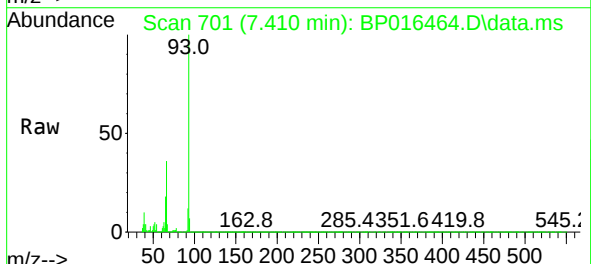
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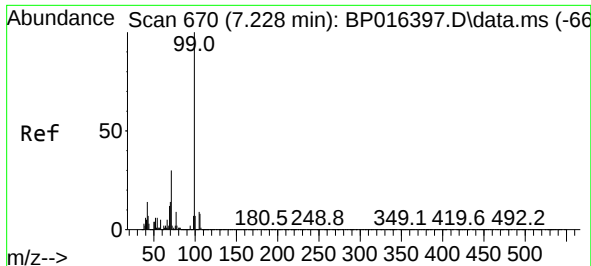
Tgt Ion:112 Resp: 2578069  
Ion Ratio Lower Upper  
112 100  
64 51.1 40.0 60.0  
63 26.4 21.2 31.8



#6  
Aniline  
Concen: 39.921 ng  
RT: 7.410 min Scan# 701  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 93 Resp: 2253341  
Ion Ratio Lower Upper  
93 100  
66 35.8 28.9 43.3  
65 18.1 14.7 22.1

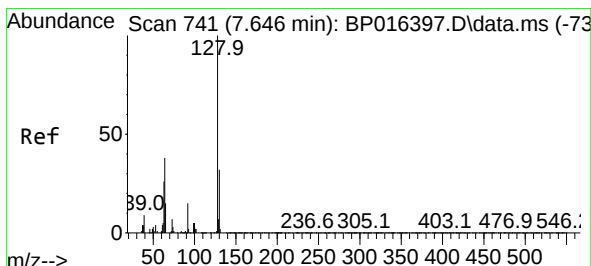
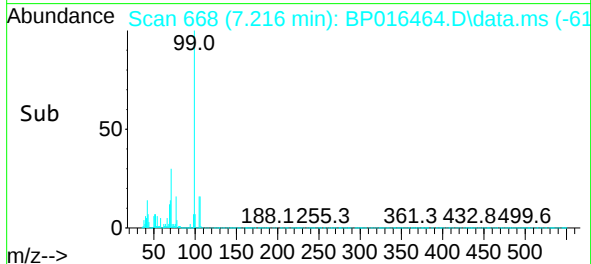
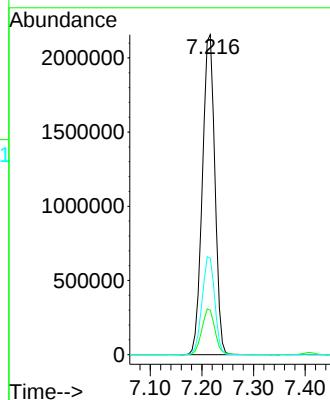
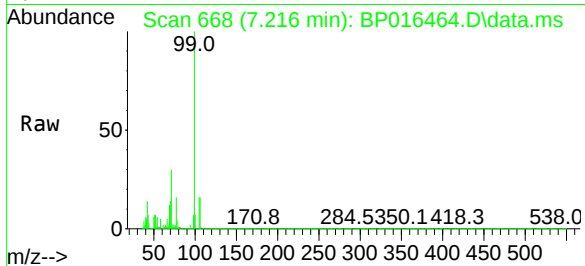




#7  
Phenol-d6  
Concen: 79.219 ng  
RT: 7.216 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

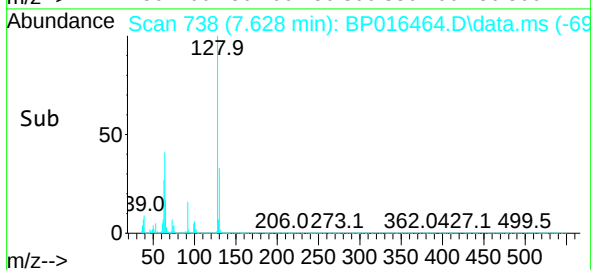
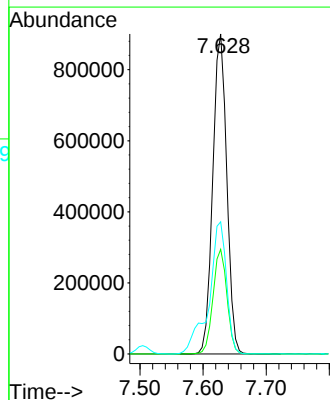
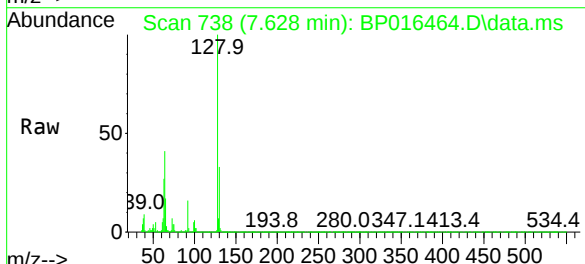
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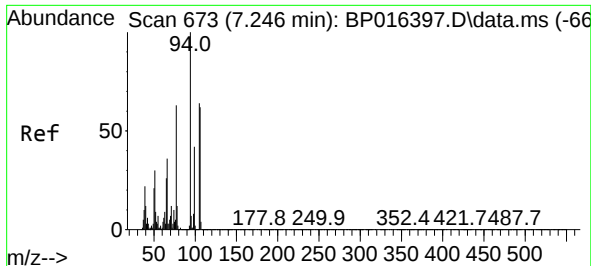
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Ion Ratio Lower Upper  
99 100  
42 13.9 11.6 17.4  
71 30.2 24.3 36.5



#8  
2-Chlorophenol  
Concen: 39.616 ng  
RT: 7.628 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 128 Resp: 1384847  
Ion Ratio Lower Upper  
128 100  
130 32.7 11.6 51.6  
64 41.3 20.6 60.6

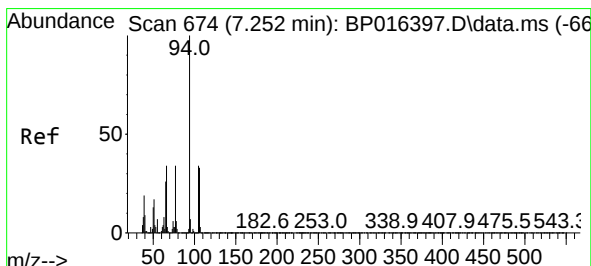
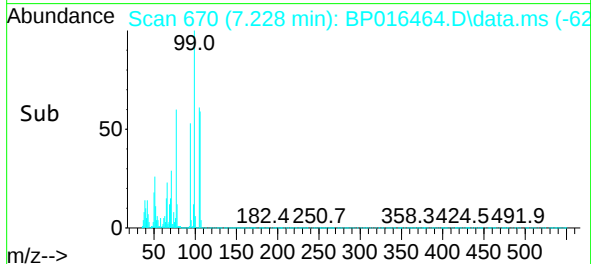
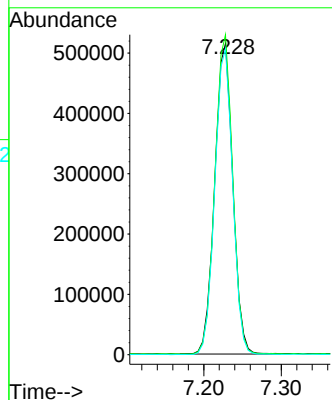
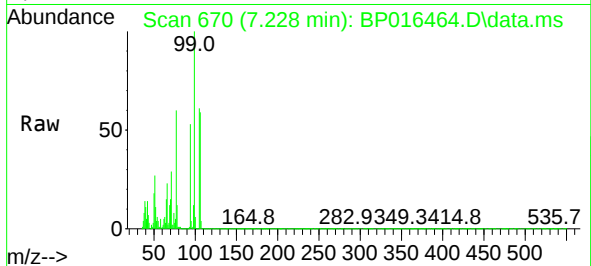




#9  
Benzaldehyde  
Concen: 38.878 ng  
RT: 7.228 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

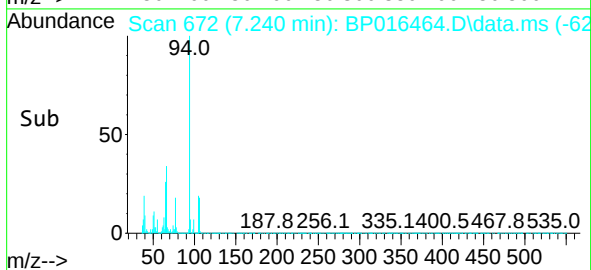
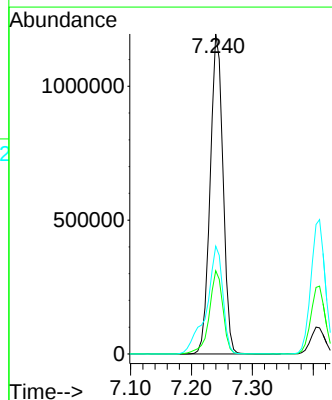
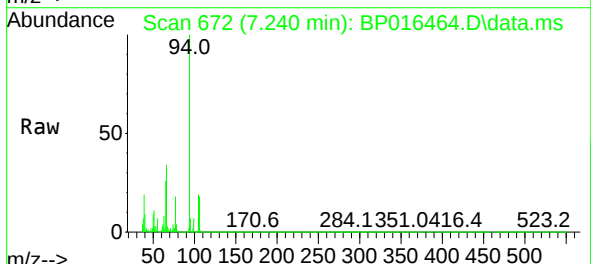
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

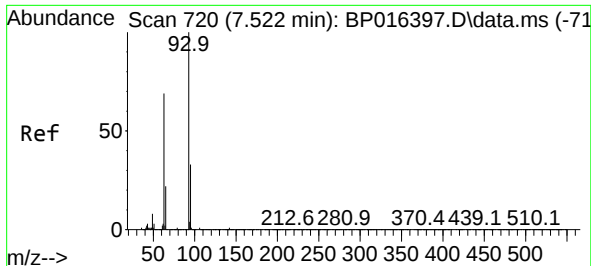
Tgt Ion: 77 Resp: 838170  
Ion Ratio Lower Upper  
77 100  
105 102.8 81.9 121.9  
106 98.3 78.8 118.8



#10  
Phenol  
Concen: 39.451 ng  
RT: 7.240 min Scan# 672  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 94 Resp: 1750752  
Ion Ratio Lower Upper  
94 100  
65 26.0 5.9 45.9  
66 33.7 14.3 54.3



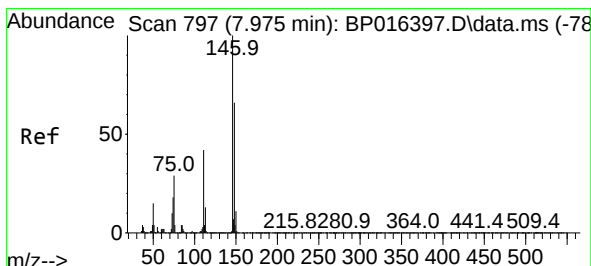
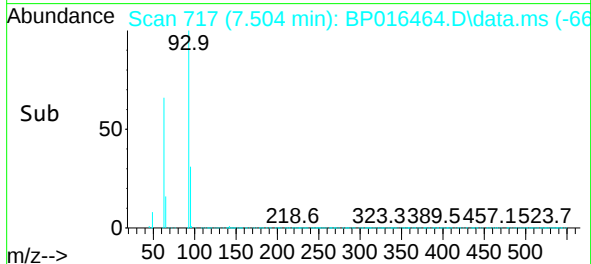
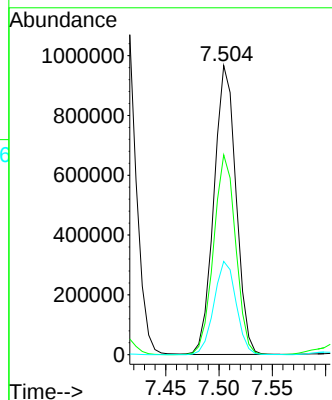
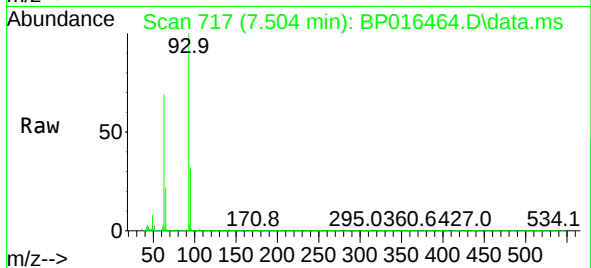


#11  
bis(2-Chloroethyl)ether  
Concen: 38.579 ng  
RT: 7.504 min Scan# 717  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 1391682

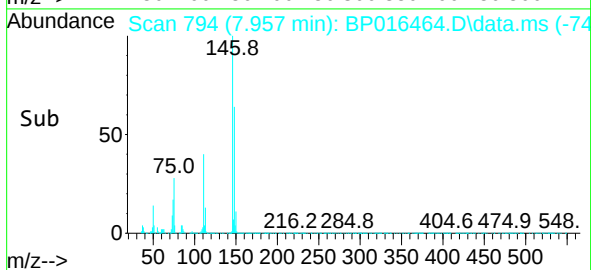
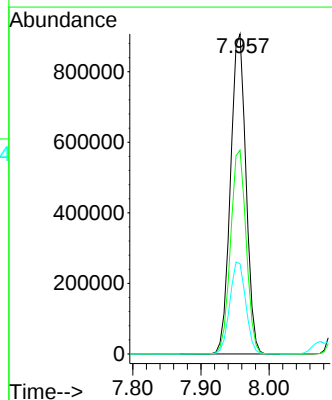
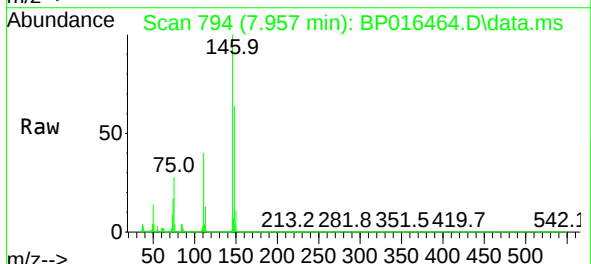
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 69.2  | 49.4  | 89.4  |
| 95  | 32.3  | 12.9  | 52.9  |

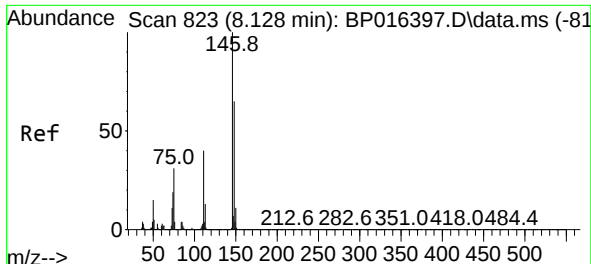


#12  
1,3-Dichlorobenzene  
Concen: 38.133 ng  
RT: 7.957 min Scan# 794  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 146 Resp: 1431008

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.7  | 53.0  | 79.4  |
| 75  | 28.2  | 23.4  | 35.2  |

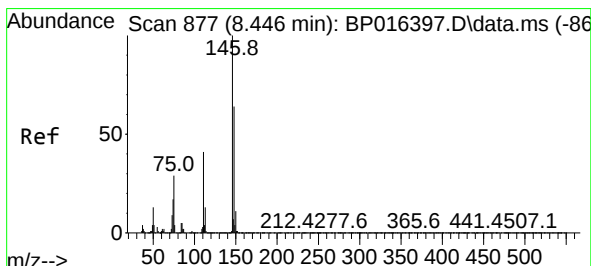
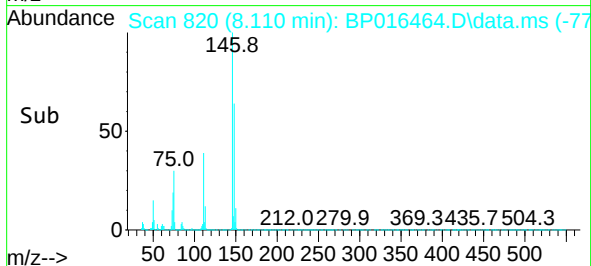
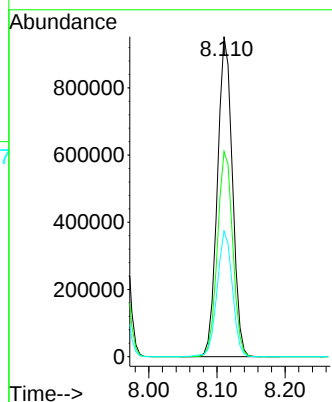
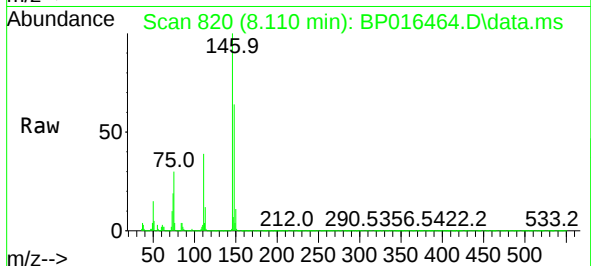




#13  
1,4-Dichlorobenzene  
Concen: 38.262 ng  
RT: 8.110 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

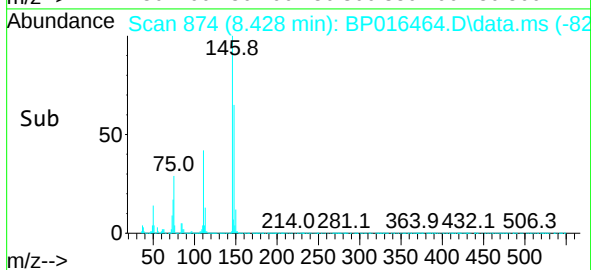
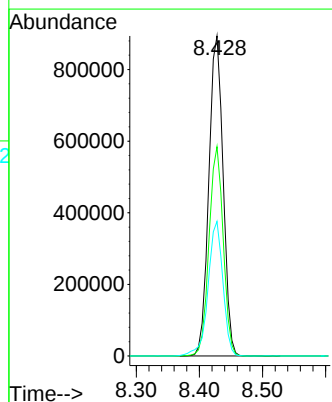
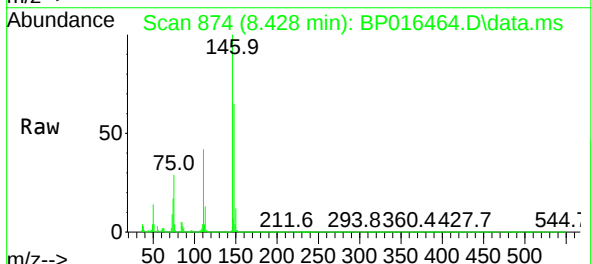
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

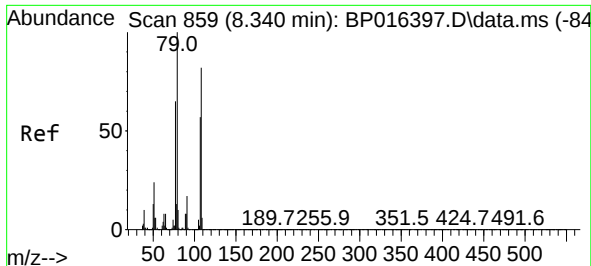
Tgt Ion:146 Resp: 1456509  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.7 77.5  
111 39.2 32.0 48.0



#14  
1,2-Dichlorobenzene  
Concen: 38.262 ng  
RT: 8.428 min Scan# 874  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:146 Resp: 1402362  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.0 76.6  
111 42.0 32.6 49.0

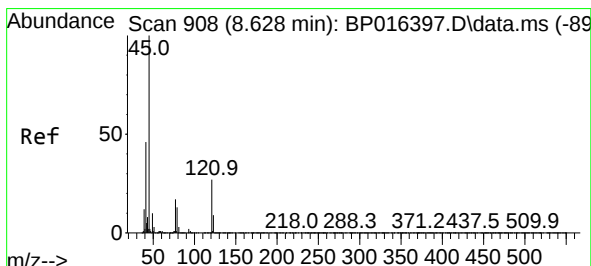
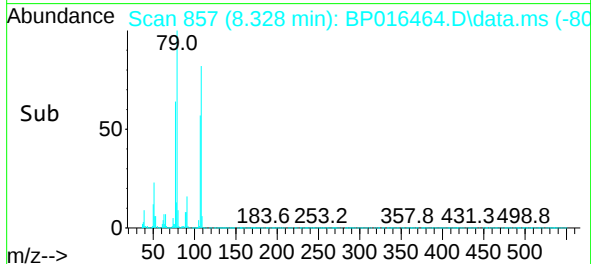
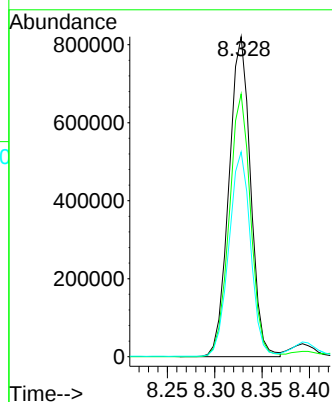
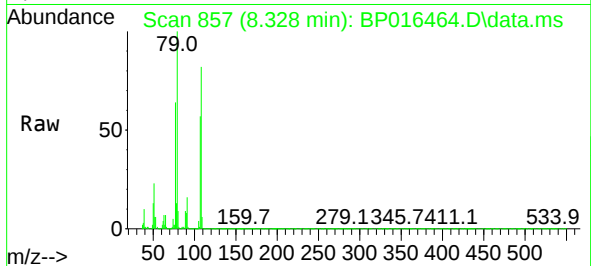




#15  
Benzyl Alcohol  
Concen: 41.655 ng  
RT: 8.328 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

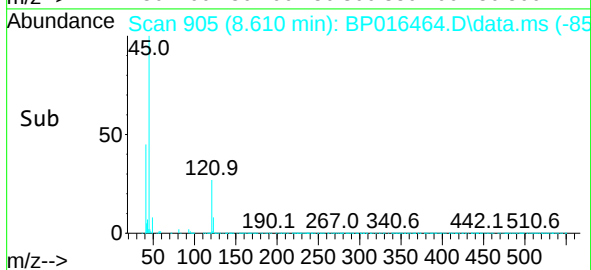
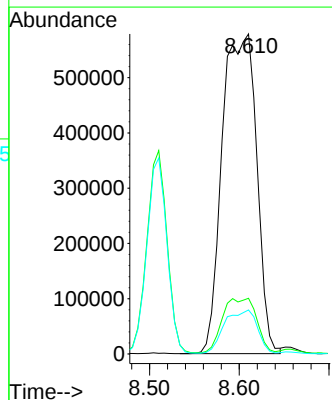
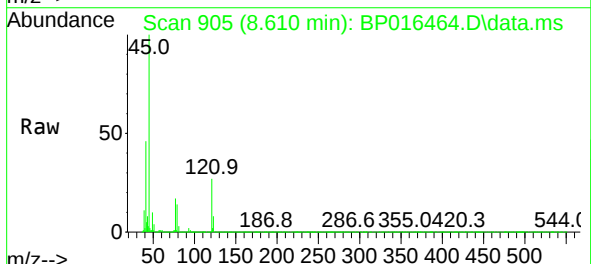
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

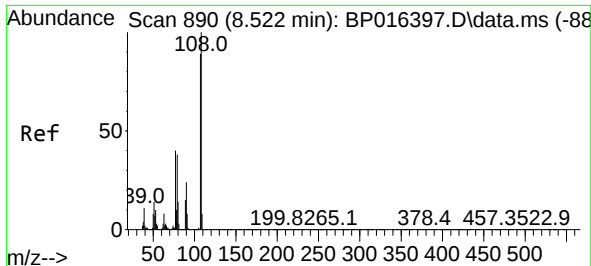
Tgt Ion: 79 Resp: 1300486  
Ion Ratio Lower Upper  
79 100  
108 82.1 65.4 98.2  
77 64.0 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.649 ng  
RT: 8.610 min Scan# 905  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 45 Resp: 1540271  
Ion Ratio Lower Upper  
45 100  
77 17.4 0.0 37.3  
79 13.7 0.0 33.3

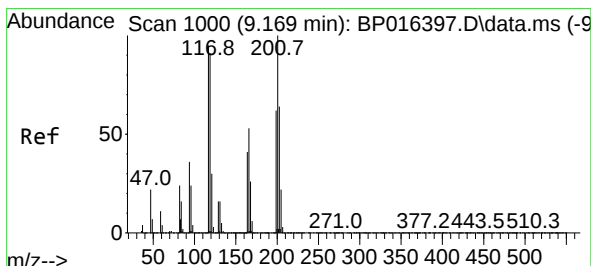
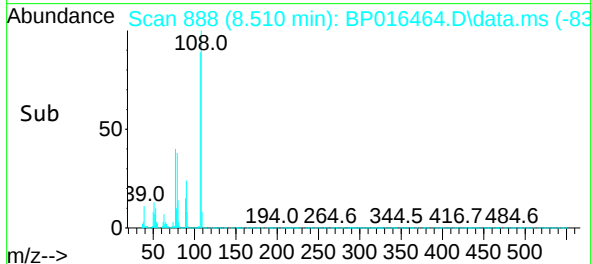
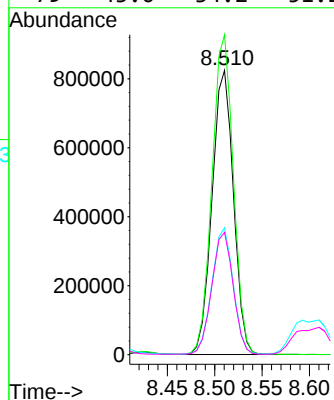
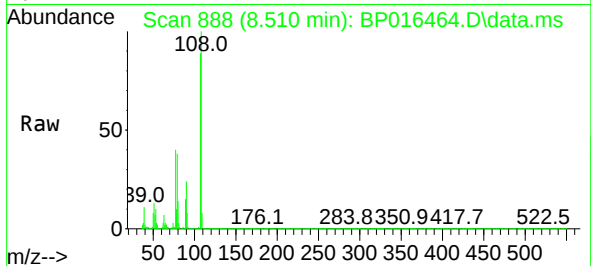




#17  
2-Methylphenol  
Concen: 40.512 ng  
RT: 8.510 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

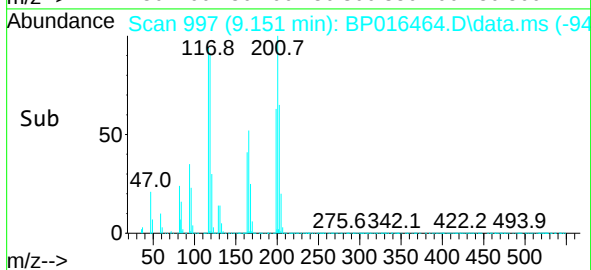
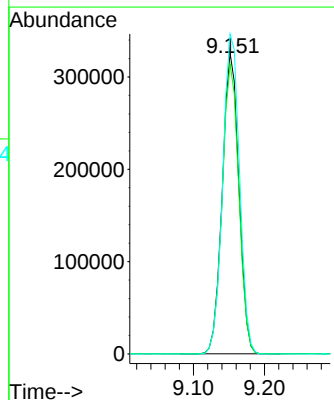
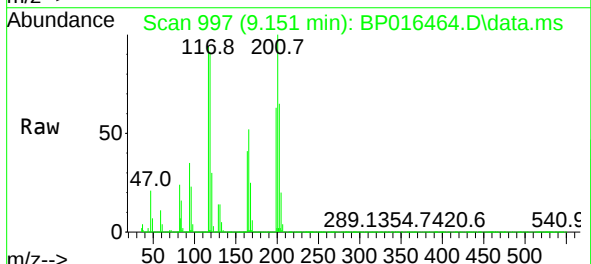
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

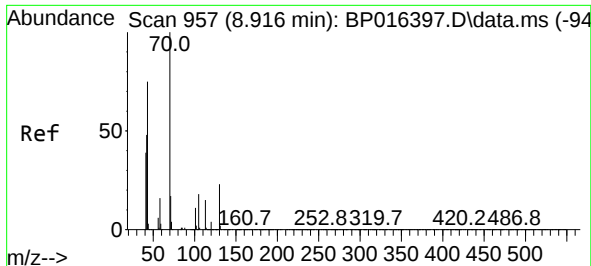
Tgt Ion:107 Resp: 1295671  
Ion Ratio Lower Upper  
107 100  
108 112.5 89.6 134.4  
77 44.6 35.6 53.4  
79 43.0 34.2 51.2



#18  
Hexachloroethane  
Concen: 38.827 ng  
RT: 9.151 min Scan# 997  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

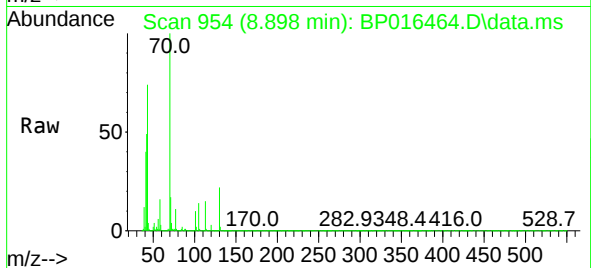
Tgt Ion:117 Resp: 527200  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.9 115.3  
201 108.6 86.2 129.4



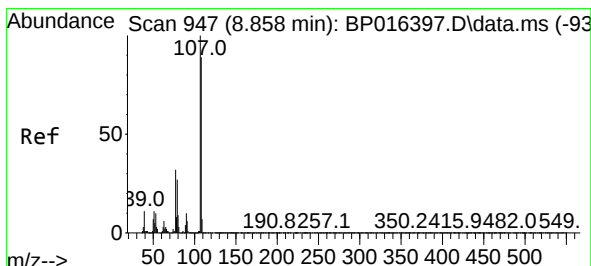
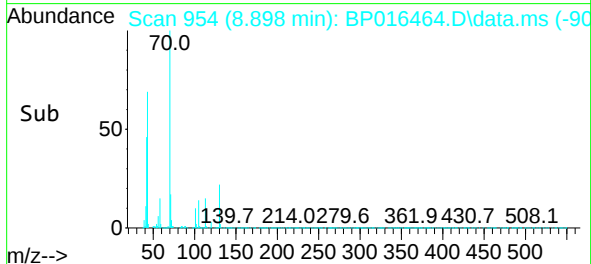
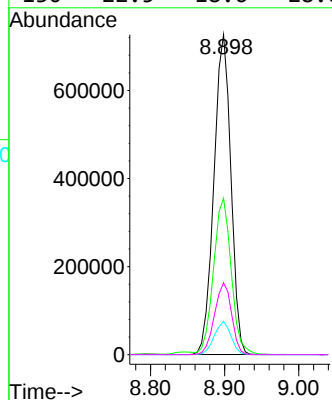


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.347 ng  
RT: 8.898 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

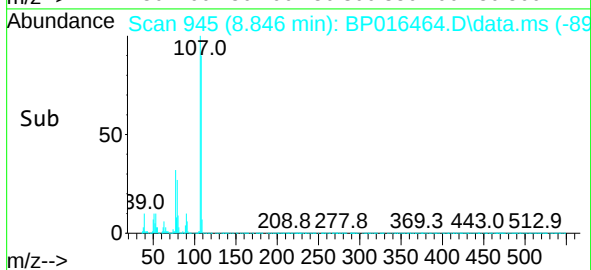
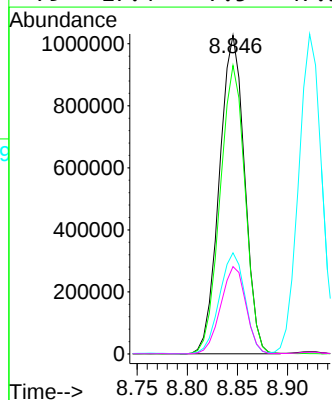
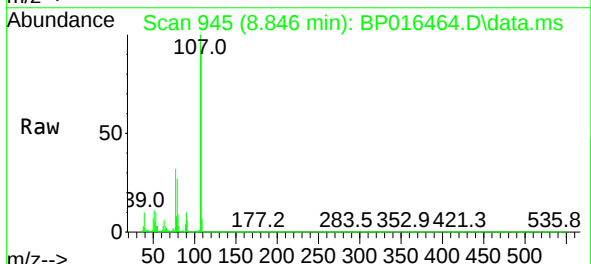


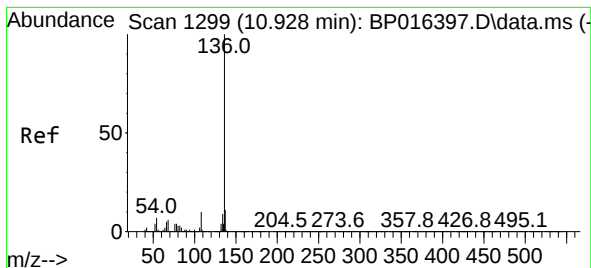
Tgt Ion: 70 Resp: 1155059  
Ion Ratio Lower Upper  
70 100  
42 48.9 39.3 58.9  
101 10.4 8.6 12.8  
130 22.5 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 41.259 ng  
RT: 8.846 min Scan# 945  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 107 Resp: 1792158  
Ion Ratio Lower Upper  
107 100  
108 90.5 69.1 109.1  
77 31.7 12.0 52.0  
79 27.4 7.5 47.5



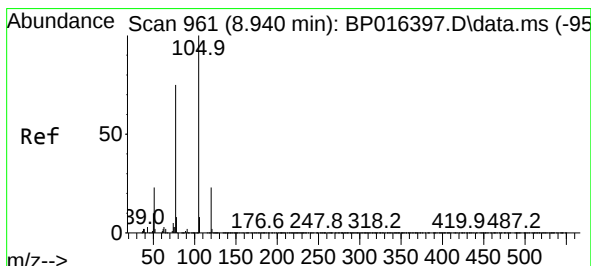
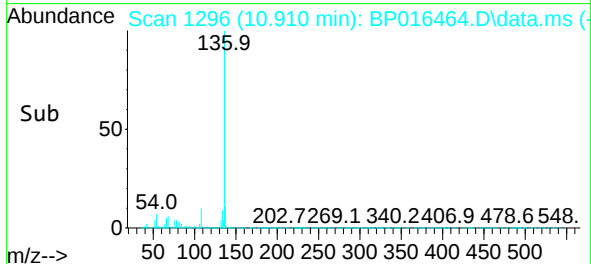
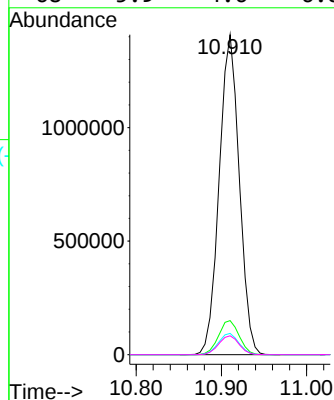
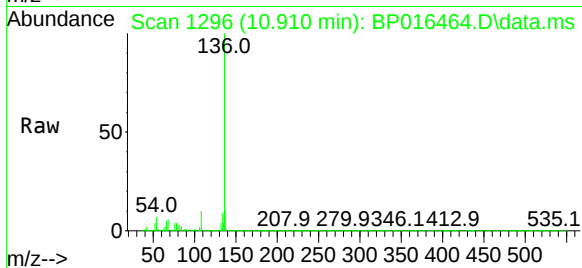


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.910 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 2304906

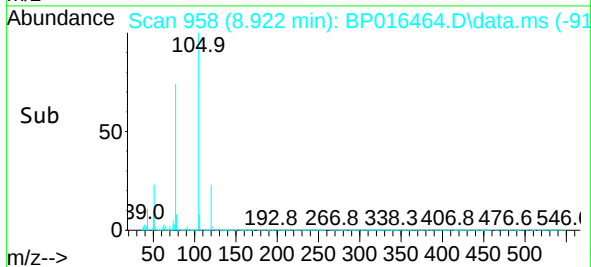
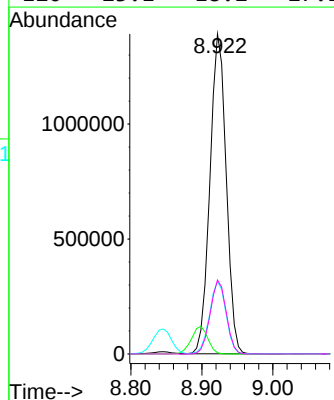
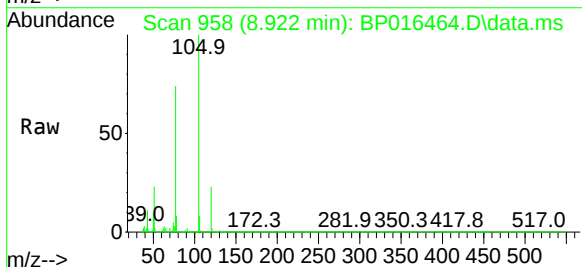
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.6   | 13.0  |
| 54  | 6.6   | 5.6   | 8.4   |
| 68  | 5.9   | 4.6   | 6.8   |

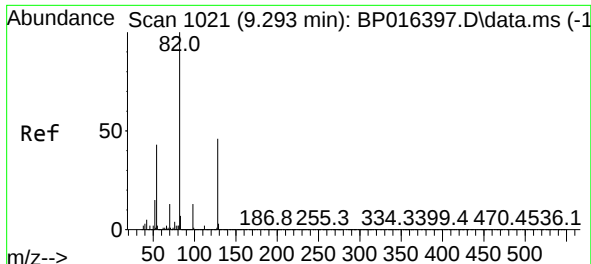


#22  
Acetophenone  
Concen: 38.022 ng  
RT: 8.922 min Scan# 958  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:105 Resp: 2212707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 0.4   | 0.2   | 0.2   |
| 51  | 22.7  | 18.3  | 27.5  |
| 120 | 23.1  | 18.2  | 27.2  |





#23

Nitrobenzene-d5

Concen: 78.611 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

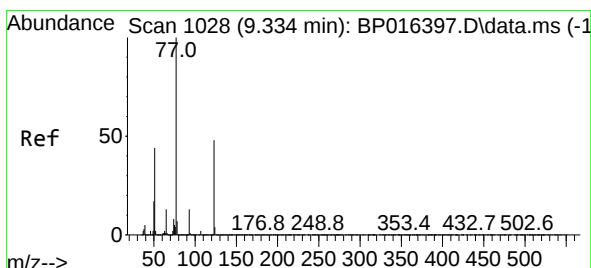
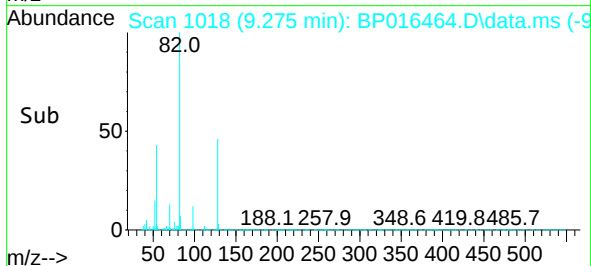
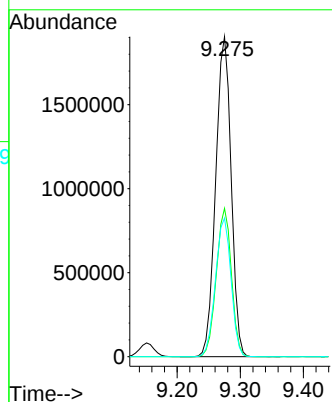
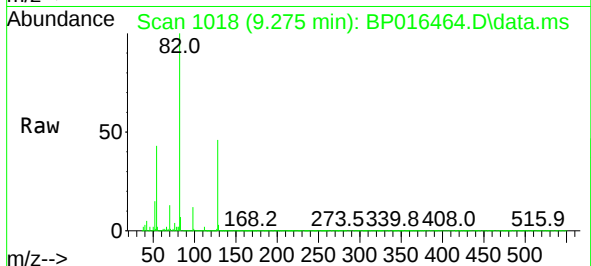
Tgt Ion: 82 Resp: 3236812

Ion Ratio Lower Upper

82 100

128 46.3 36.6 55.0

54 43.3 34.5 51.7



#24

Nitrobenzene

Concen: 38.592 ng

RT: 9.316 min Scan# 1025

Delta R.T. -0.018 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

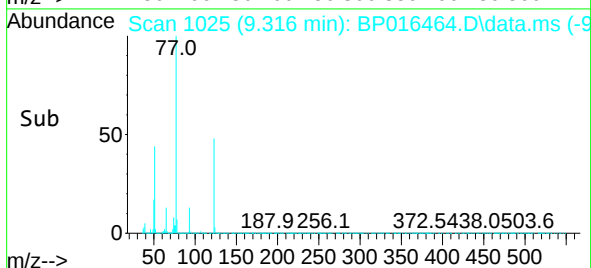
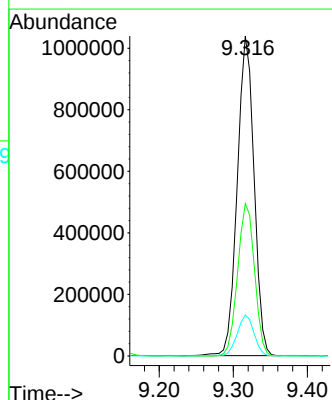
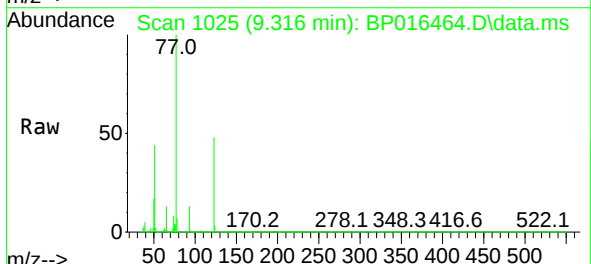
Tgt Ion: 77 Resp: 1632108

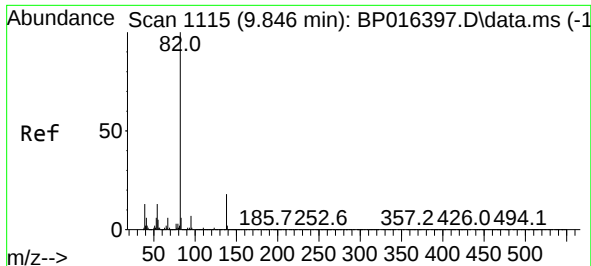
Ion Ratio Lower Upper

77 100

123 47.6 38.6 58.0

65 12.8 10.5 15.7

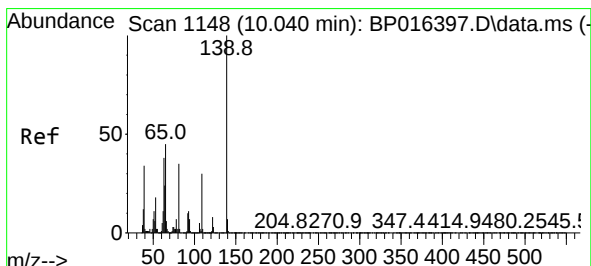
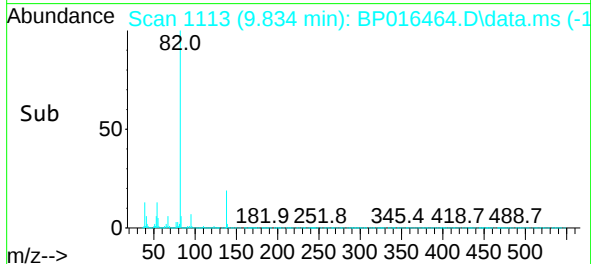
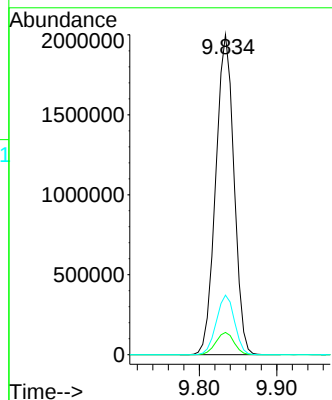
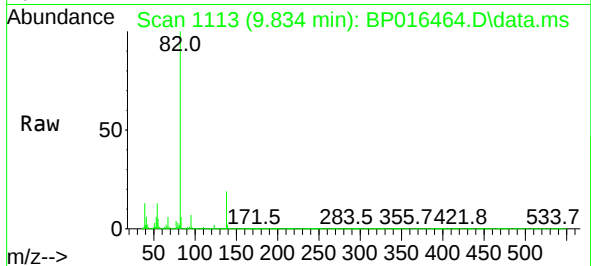




#25  
Isophorone  
Concen: 39.271 ng  
RT: 9.834 min Scan# 1113  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

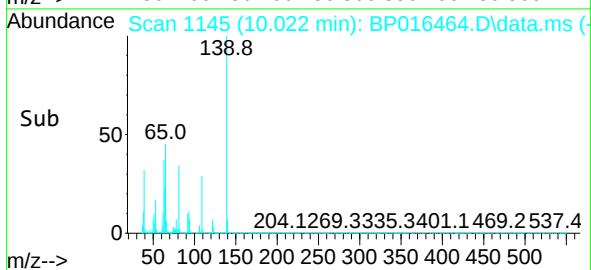
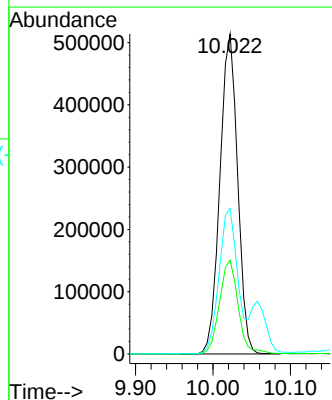
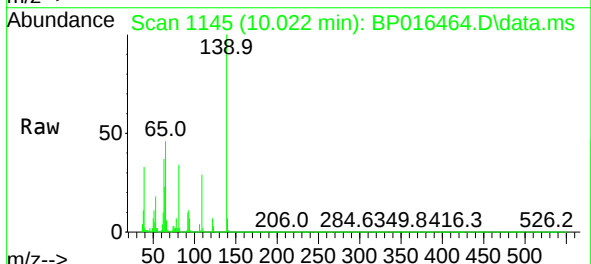
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

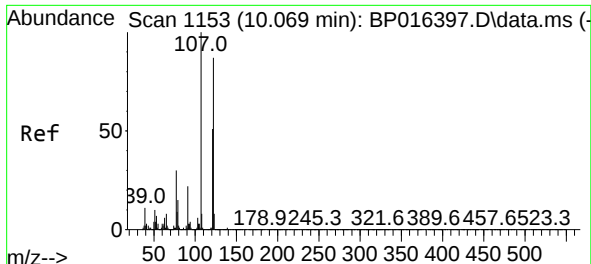
Tgt Ion: 82 Resp: 3264595  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 18.6 14.6 22.0



#26  
2-Nitrophenol  
Concen: 45.070 ng  
RT: 10.022 min Scan# 1145  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 139 Resp: 817790  
Ion Ratio Lower Upper  
139 100  
109 29.3 24.2 36.4  
65 45.5 35.8 53.6

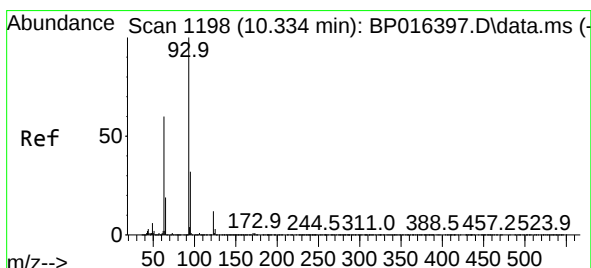
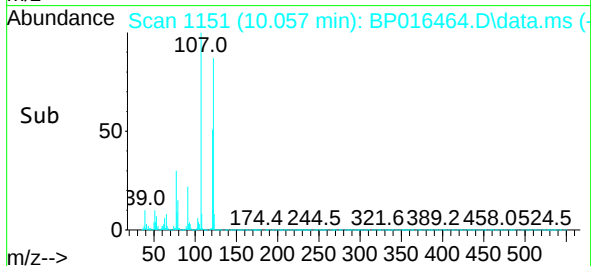
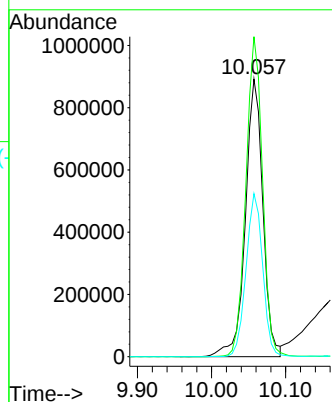
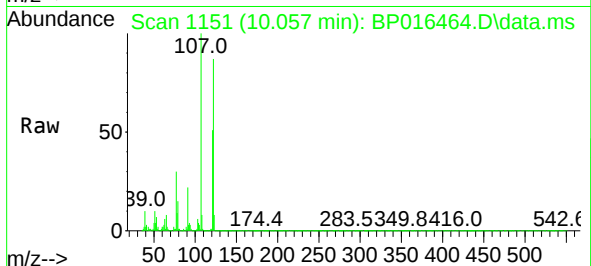




#27  
2,4-Dimethylphenol  
Concen: 39.280 ng  
RT: 10.057 min Scan# 1151  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

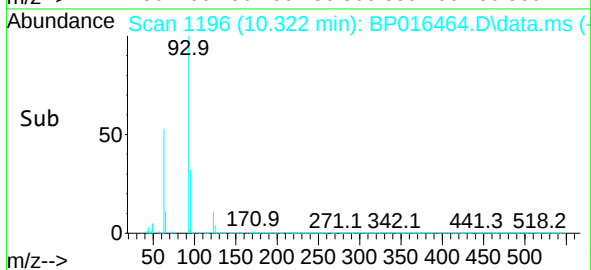
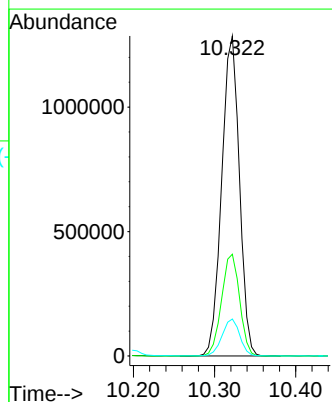
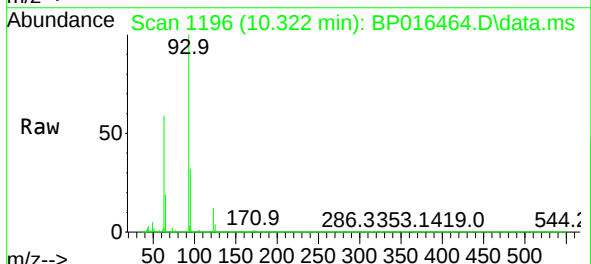
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

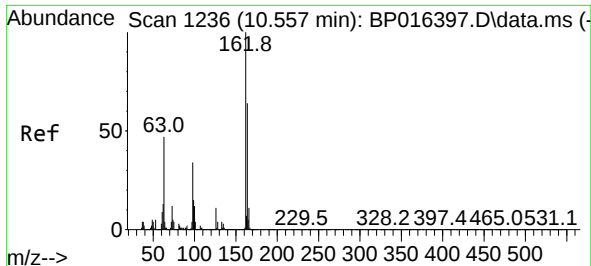
Tgt Ion:122 Resp: 1460839  
Ion Ratio Lower Upper  
122 100  
107 115.3 91.9 137.9  
121 58.8 47.2 70.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.248 ng  
RT: 10.322 min Scan# 1196  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 93 Resp: 1947578  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.8 38.8  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.379 ng

RT: 10.540 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

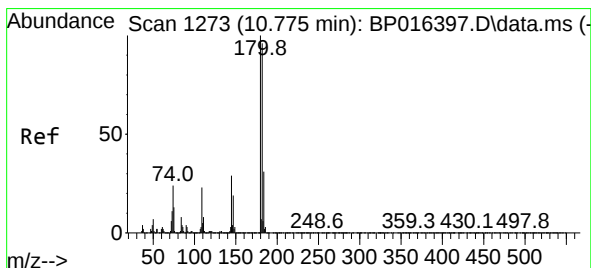
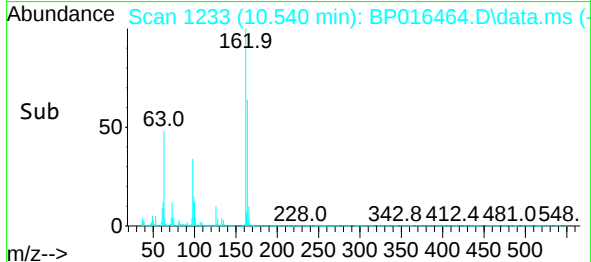
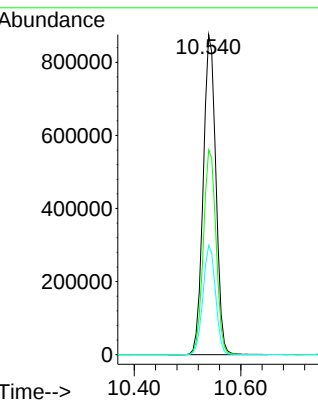
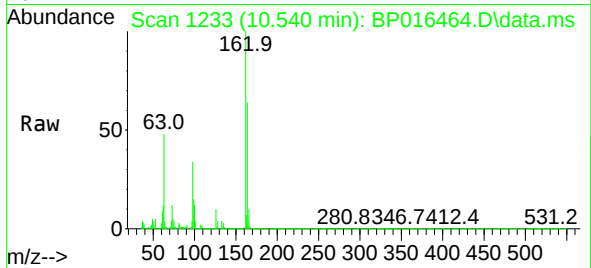
Tgt Ion:162 Resp: 1440184

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 34.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 38.519 ng

RT: 10.757 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

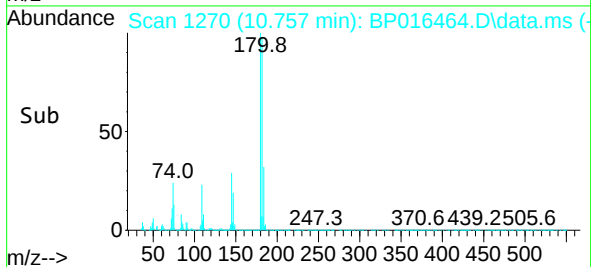
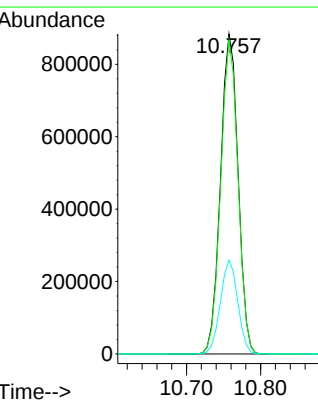
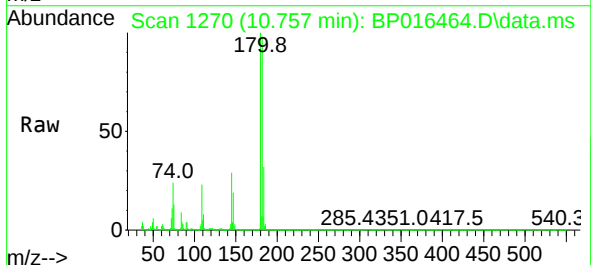
Tgt Ion:180 Resp: 1452102

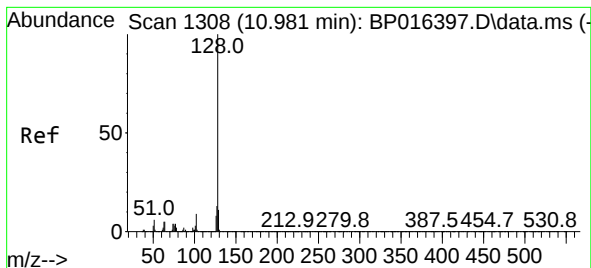
Ion Ratio Lower Upper

180 100

182 97.8 77.1 115.7

145 29.3 22.9 34.3

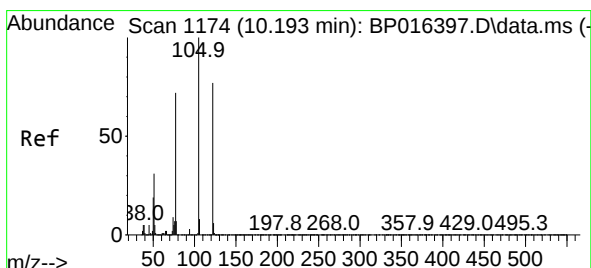
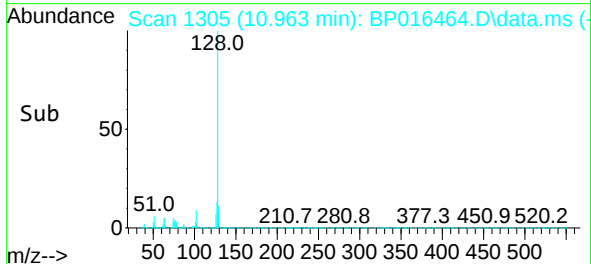
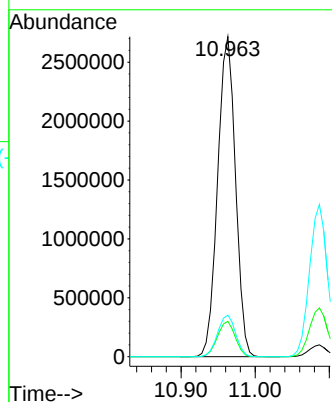
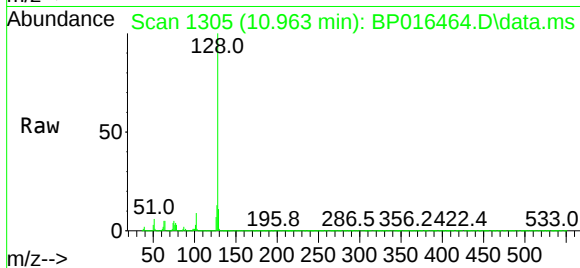




#31  
Naphthalene  
Concen: 37.639 ng  
RT: 10.963 min Scan# 111  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

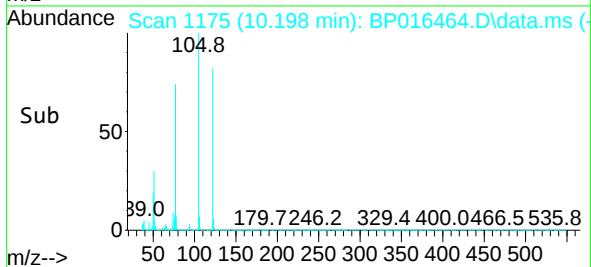
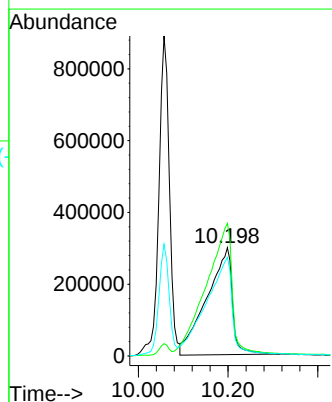
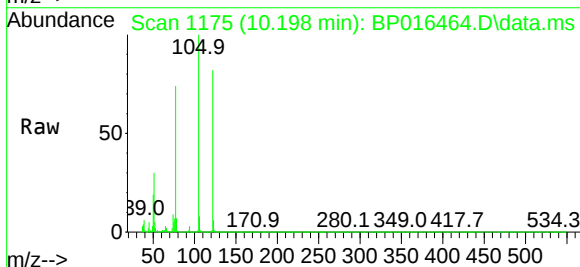
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

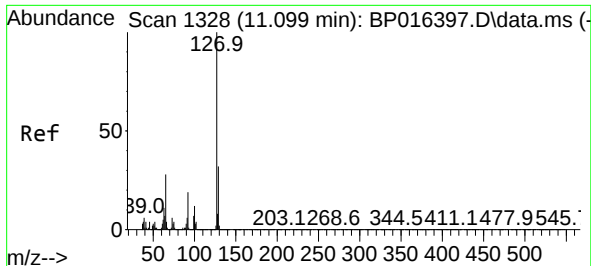
Tgt Ion:128 Resp: 4537898  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 48.252 ng  
RT: 10.198 min Scan# 1175  
Delta R.T. 0.005 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:122 Resp: 1178281  
Ion Ratio Lower Upper  
122 100  
105 122.5 105.2 145.2  
77 90.9 72.2 112.2



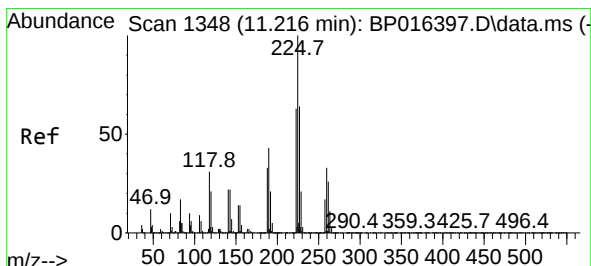
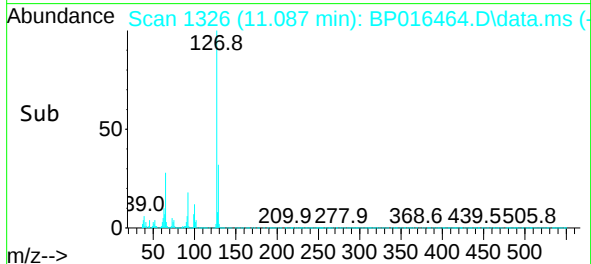
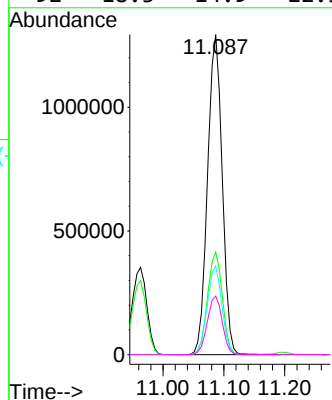
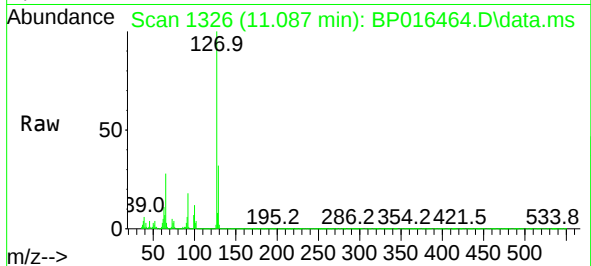


#33  
4-Chloroaniline  
Concen: 39.836 ng  
RT: 11.087 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 2166441

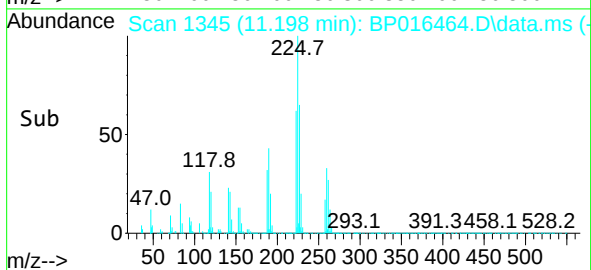
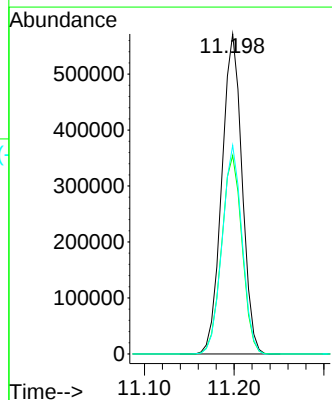
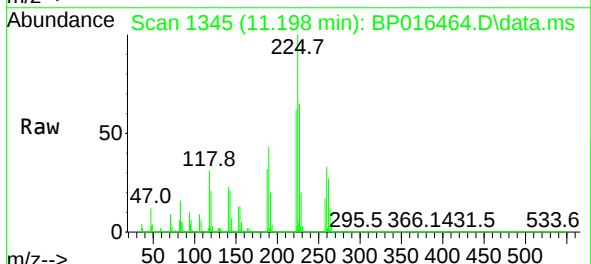
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.1  | 25.8  | 38.8  |
| 65  | 27.7  | 22.7  | 34.1  |
| 92  | 18.3  | 14.9  | 22.3  |

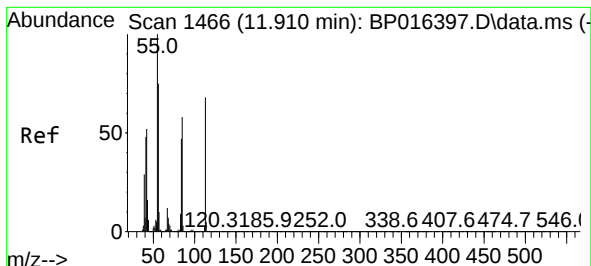


#34  
Hexachlorobutadiene  
Concen: 40.045 ng  
RT: 11.198 min Scan# 1345  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:225 Resp: 893770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.1  | 50.2  | 75.4  |
| 227 | 64.9  | 51.0  | 76.6  |

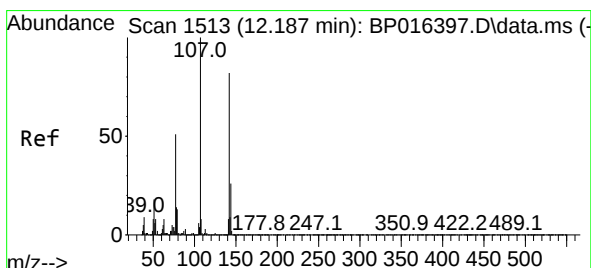
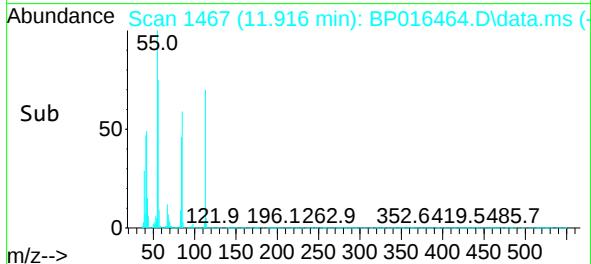
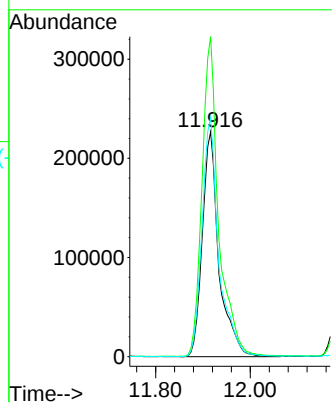
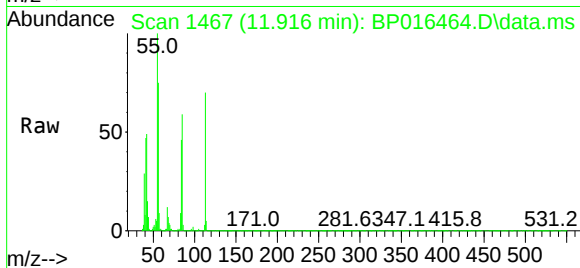




#35  
Caprolactam  
Concen: 43.276 ng  
RT: 11.916 min Scan# 1466  
Delta R.T. 0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

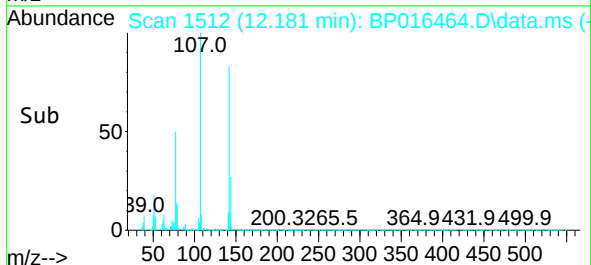
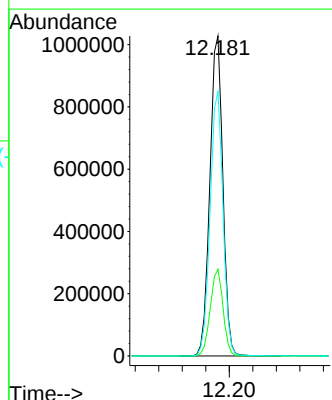
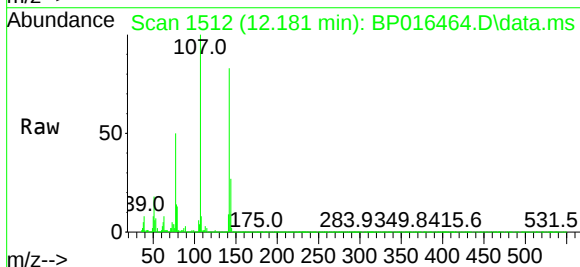
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

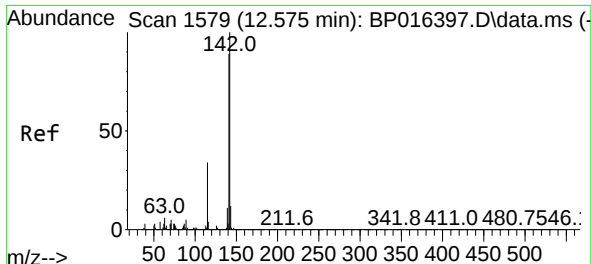
Tgt Ion:113 Resp: 550378  
Ion Ratio Lower Upper  
113 100  
55 142.3 128.0 168.0  
56 106.5 91.3 131.3



#36  
4-Chloro-3-methylphenol  
Concen: 40.750 ng  
RT: 12.181 min Scan# 1512  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:107 Resp: 1576521  
Ion Ratio Lower Upper  
107 100  
144 27.1 21.0 31.6  
142 82.6 65.6 98.4

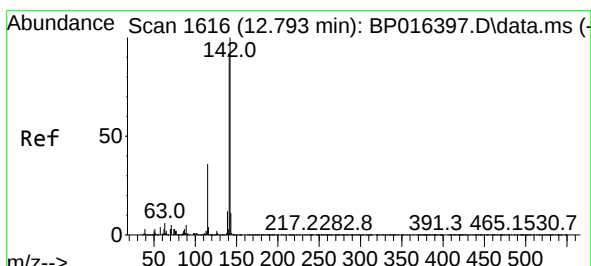
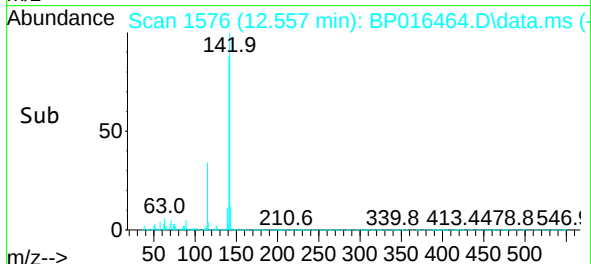
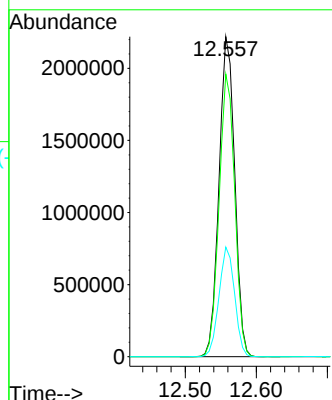
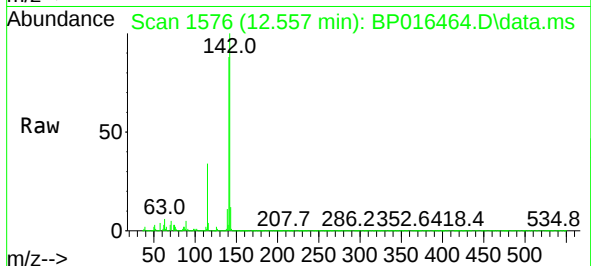




#37  
2-Methylnaphthalene  
Concen: 38.732 ng  
RT: 12.557 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

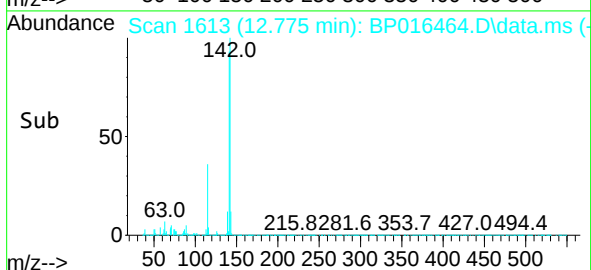
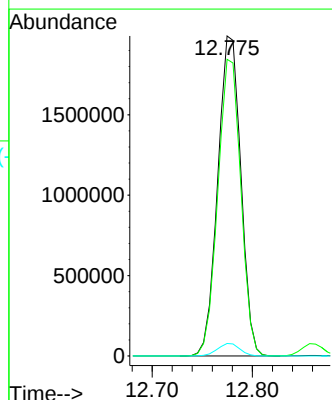
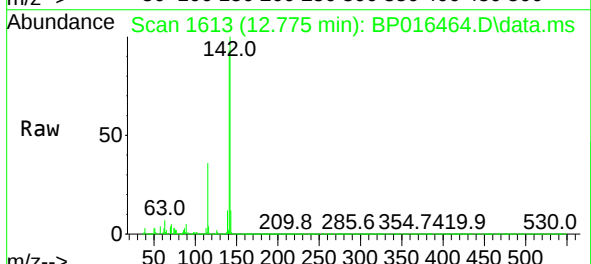
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

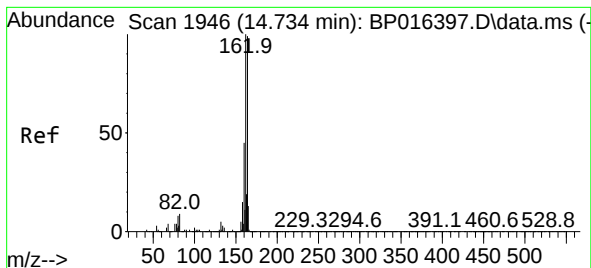
Tgt Ion:142 Resp: 3392339  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.4 107.2  
115 34.3 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 38.691 ng  
RT: 12.775 min Scan# 1613  
Delta R.T. -0.018 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:142 Resp: 3177014  
Ion Ratio Lower Upper  
142 100  
141 92.7 73.8 110.6  
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1493641

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

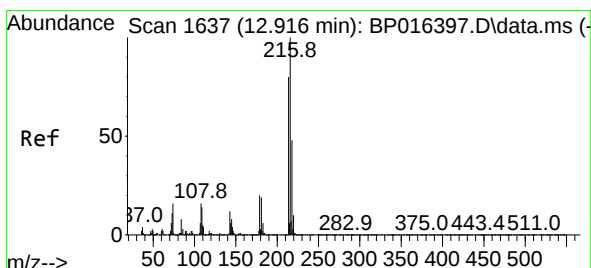
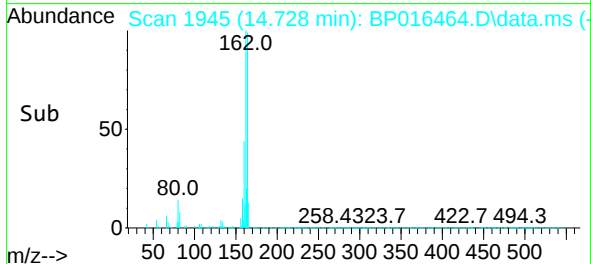
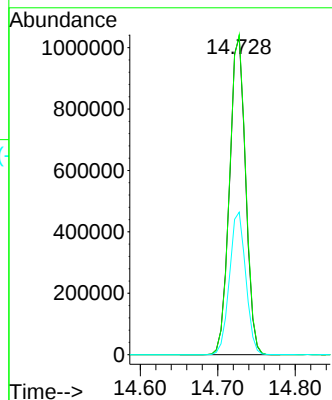
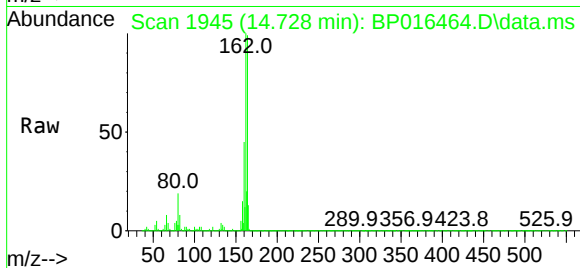
Tgt Ion:164 Resp: 1493641

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

160 44.9 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.857 ng

RT: 12.904 min Scan# 1635

Delta R.T. -0.012 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Tgt Ion:216 Resp: 1763731

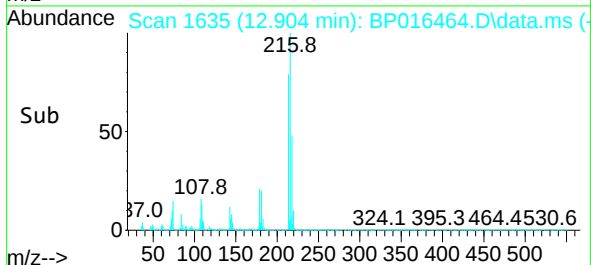
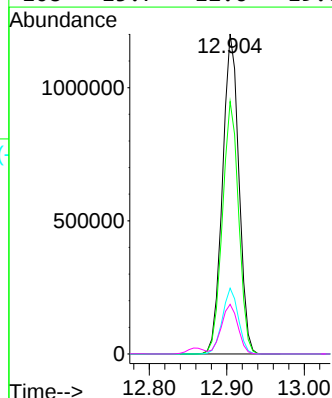
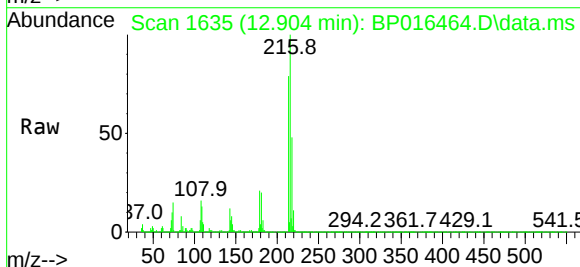
Ion Ratio Lower Upper

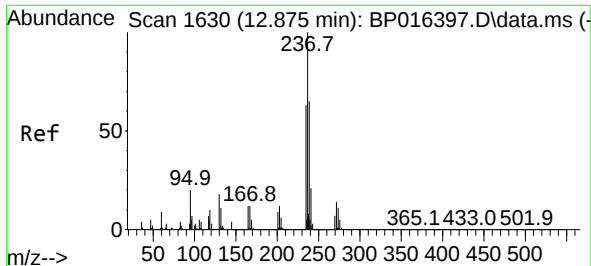
216 100

214 78.1 62.8 94.2

179 20.1 16.0 24.0

108 15.7 12.6 19.0

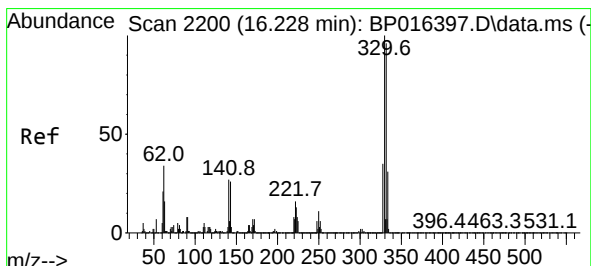
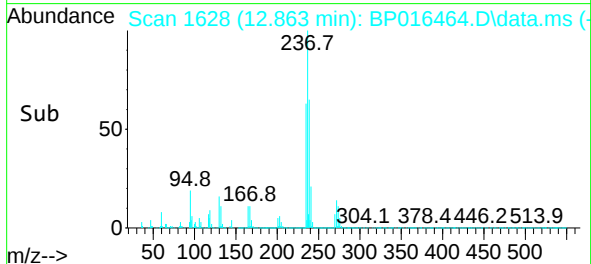
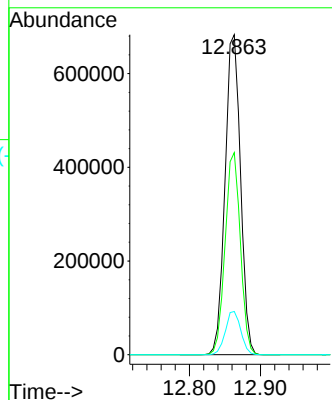
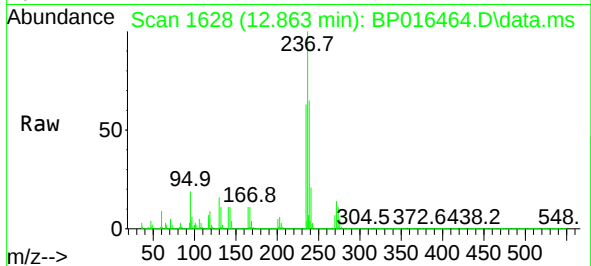




#41  
Hexachlorocyclopentadiene  
Concen: 45.159 ng  
RT: 12.863 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

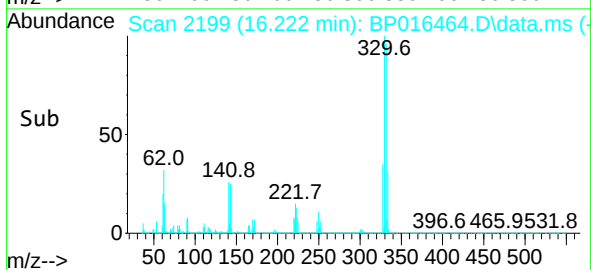
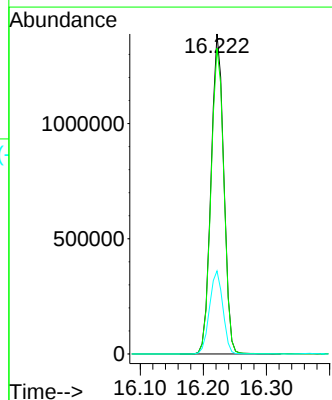
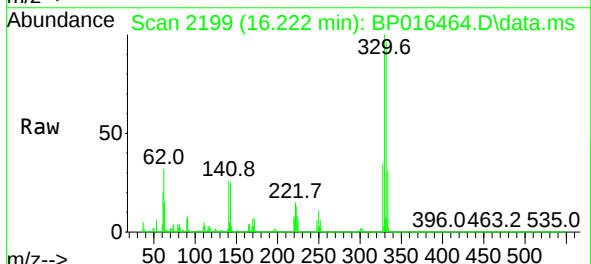
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

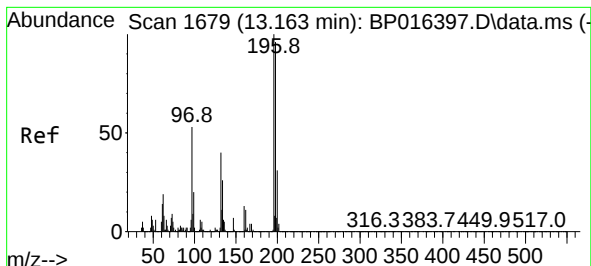
Tgt Ion:237 Resp: 1029475  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.7 82.7  
272 13.5 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 88.567 ng  
RT: 16.222 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:330 Resp: 1946132  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 27.0 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 42.780 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

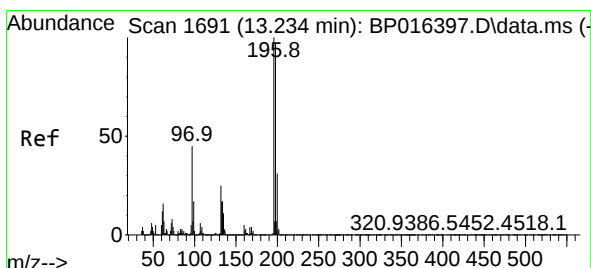
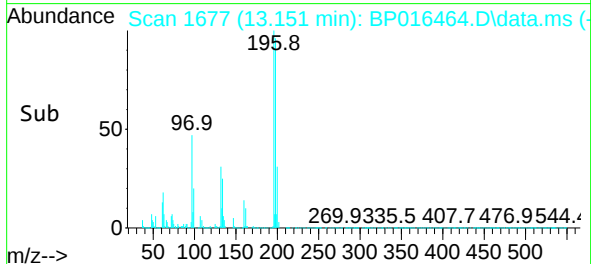
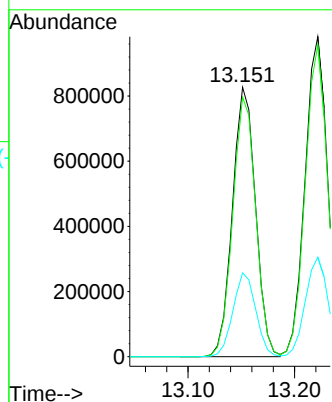
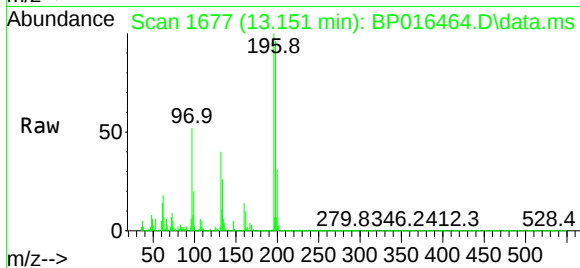
Tgt Ion:196 Resp: 1245942

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.194 ng

RT: 13.222 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Tgt Ion:196 Resp: 1455574

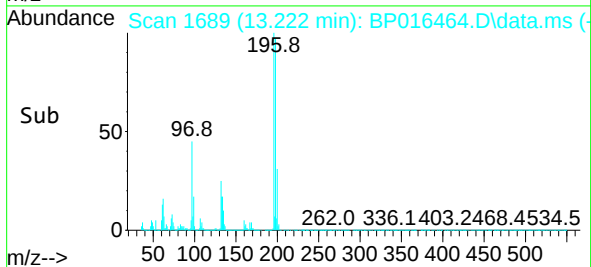
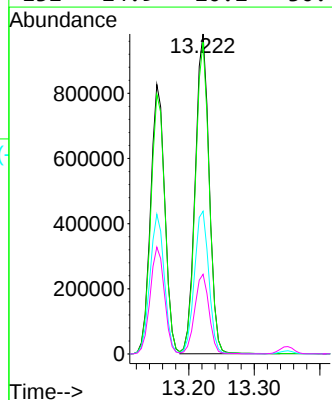
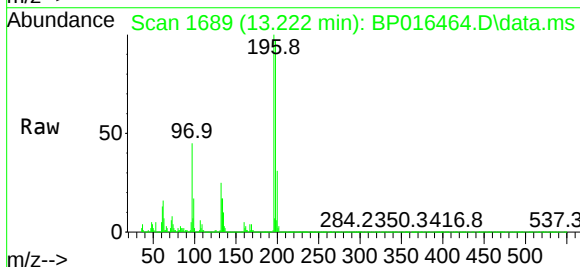
Ion Ratio Lower Upper

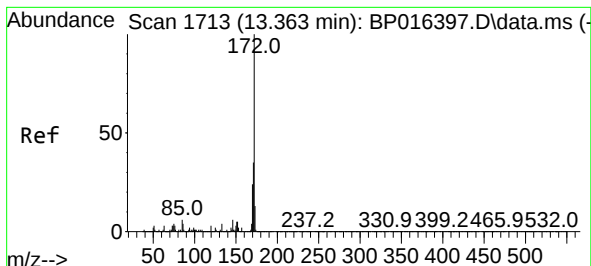
196 100

198 97.4 77.3 115.9

97 44.6 36.2 54.4

132 24.9 20.2 30.4

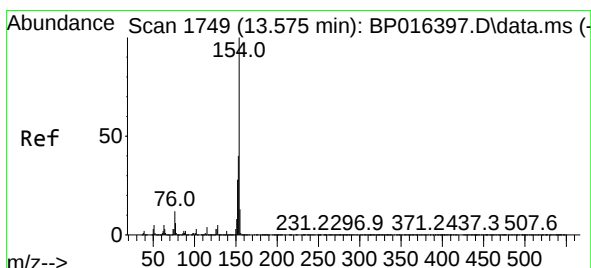
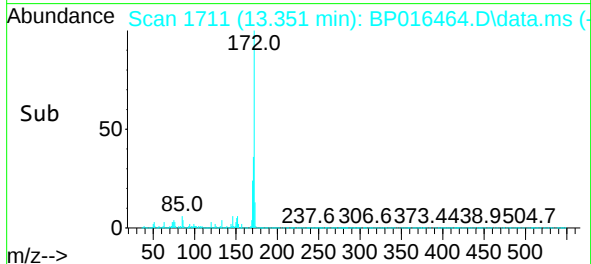
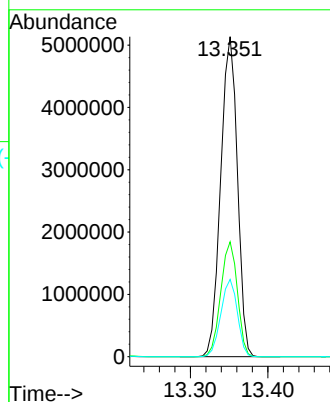
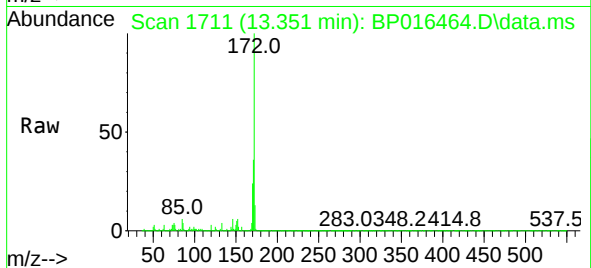




#45  
2-Fluorobiphenyl  
Concen: 73.807 ng  
RT: 13.351 min Scan# 1711  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

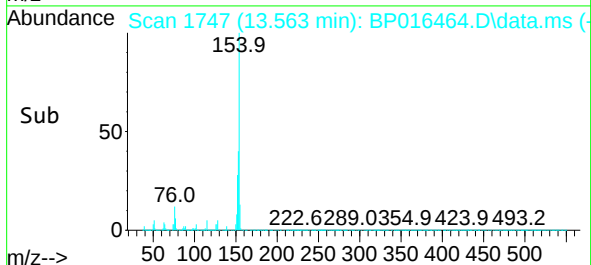
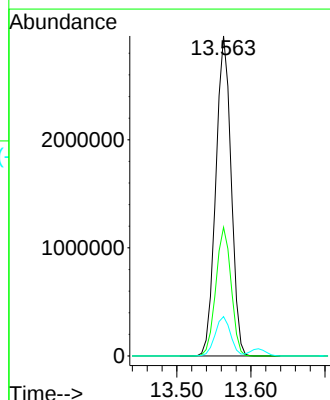
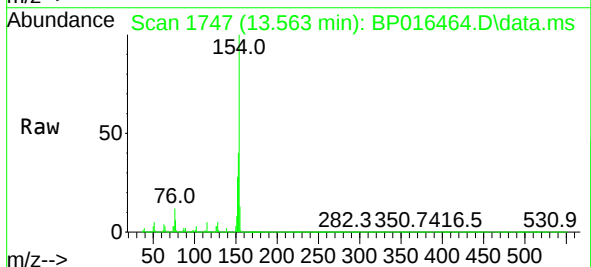
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

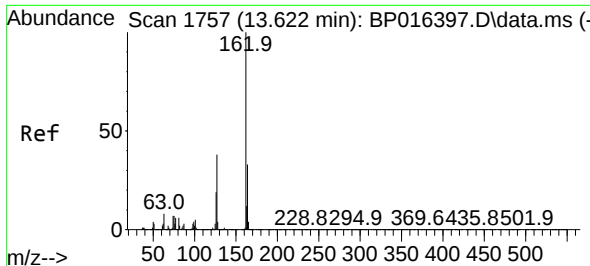
Tgt Ion:172 Resp: 7689412  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.2  
170 24.1 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 37.232 ng  
RT: 13.563 min Scan# 1747  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:154 Resp: 4239114  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.1 60.1  
76 12.3 0.0 32.5

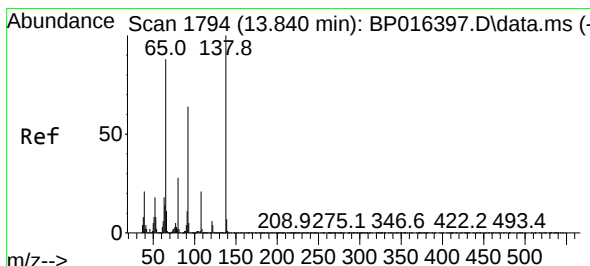
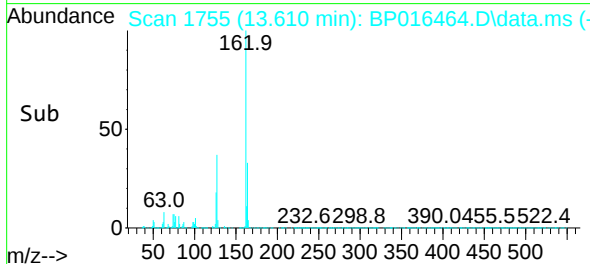
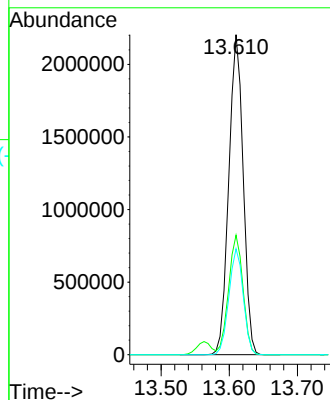
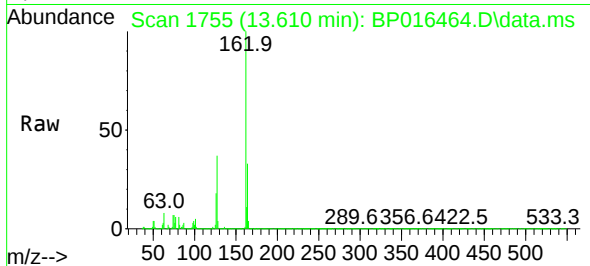




#47  
2-Chloronaphthalene  
Concen: 37.667 ng  
RT: 13.610 min Scan# 1755  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

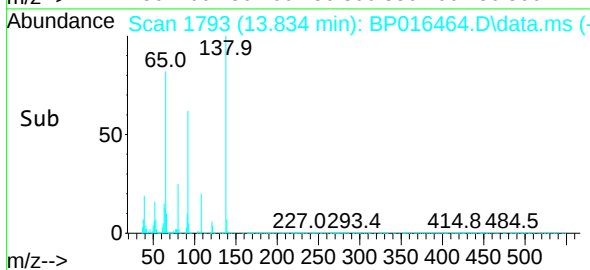
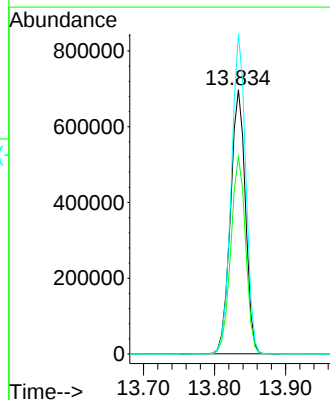
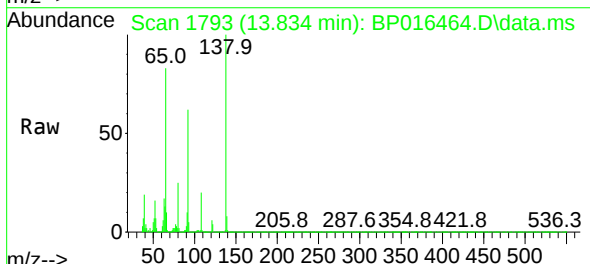
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

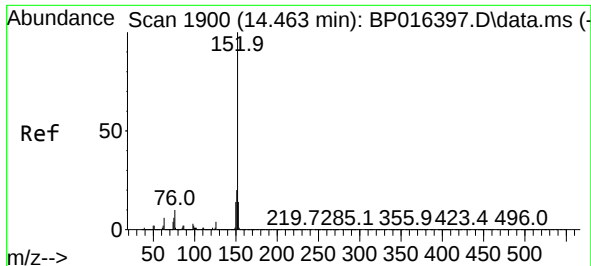
Tgt Ion:162 Resp: 3235527  
Ion Ratio Lower Upper  
162 100  
127 37.3 30.1 45.1  
164 33.1 26.6 39.8



#48  
2-Nitroaniline  
Concen: 42.109 ng  
RT: 13.834 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 65 Resp: 1019579  
Ion Ratio Lower Upper  
65 100  
92 74.8 58.2 87.4  
138 121.1 91.3 136.9

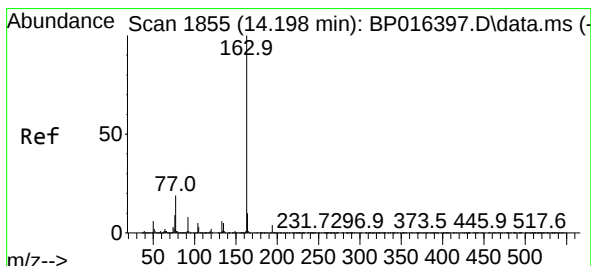
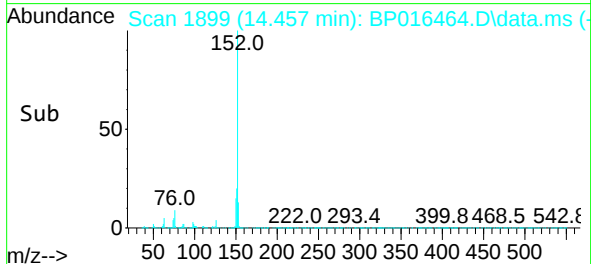
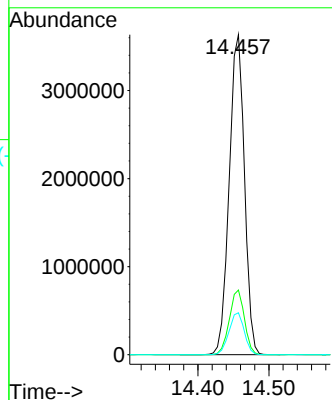
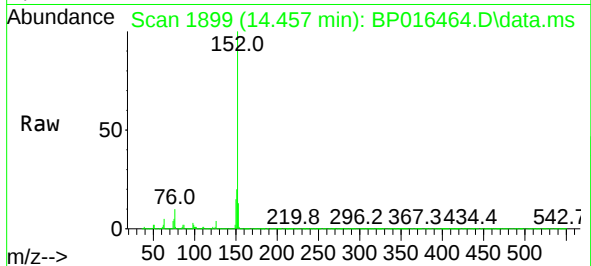




#49  
Acenaphthylene  
Concen: 37.959 ng  
RT: 14.457 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

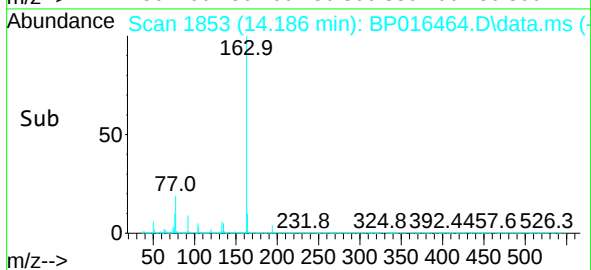
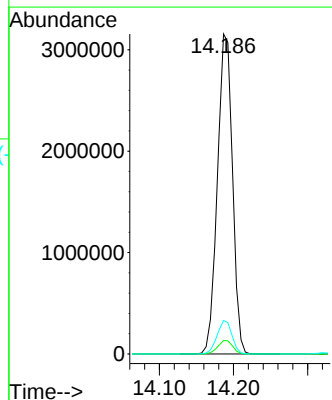
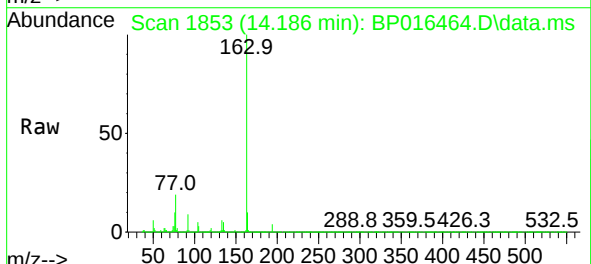
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

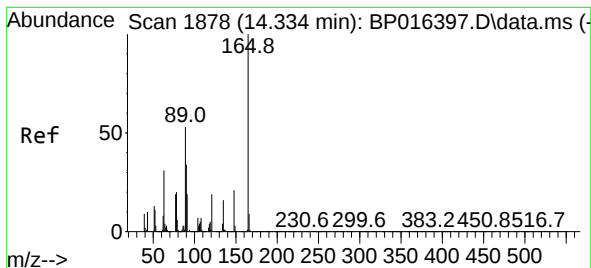
Tgt Ion:152 Resp: 5410085  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 13.1 10.8 16.2



#50  
Dimethylphthalate  
Concen: 38.254 ng  
RT: 14.186 min Scan# 1853  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:163 Resp: 4452552  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.5 8.2 12.2

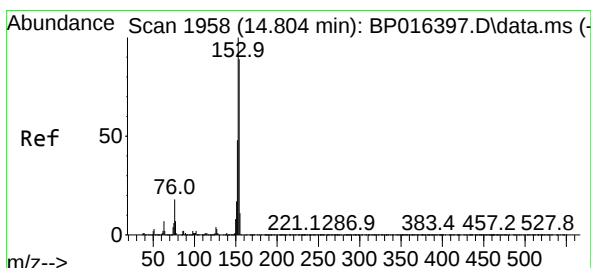
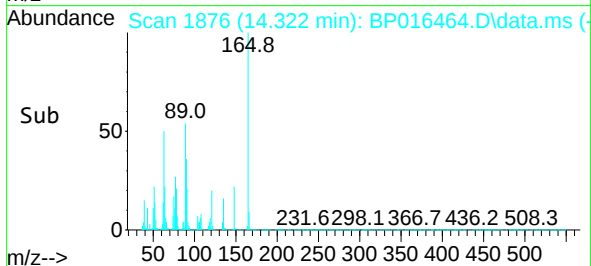
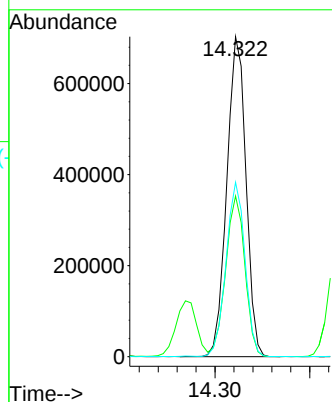
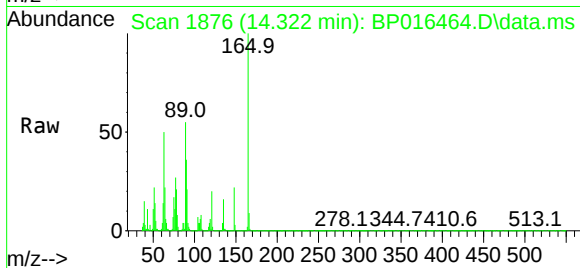




#51  
2,6-Dinitrotoluene  
Concen: 41.371 ng  
RT: 14.322 min Scan# 1876  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

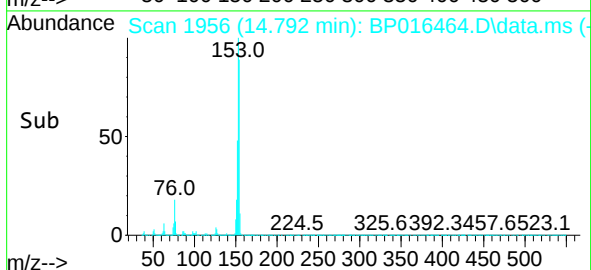
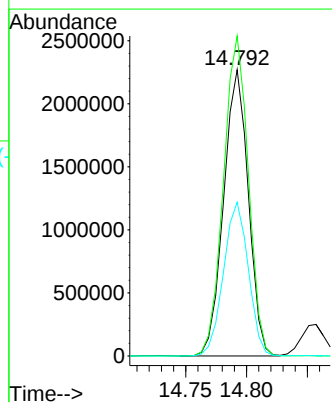
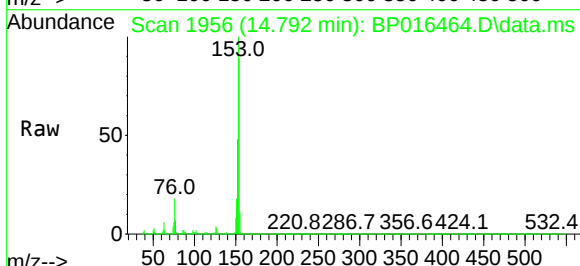
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

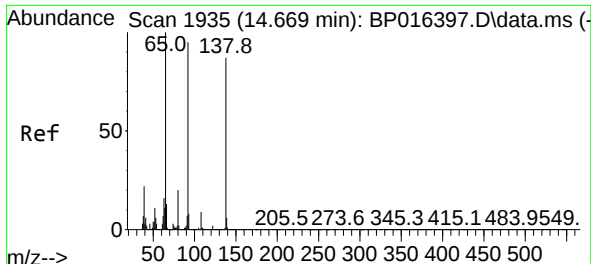
Tgt Ion:165 Resp: 986491  
Ion Ratio Lower Upper  
165 100  
63 50.2 39.1 58.7  
89 54.5 42.5 63.7



#52  
Acenaphthene  
Concen: 37.748 ng  
RT: 14.792 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:154 Resp: 3199243  
Ion Ratio Lower Upper  
154 100  
153 111.8 90.4 135.6  
152 53.7 43.4 65.0

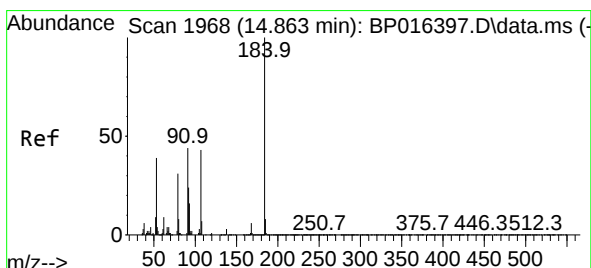
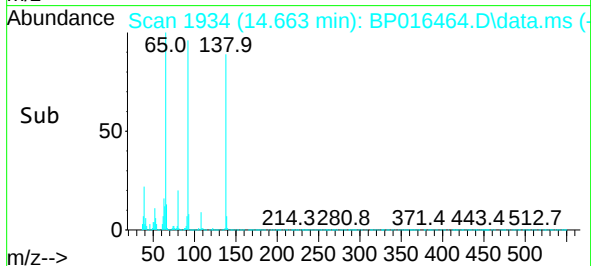
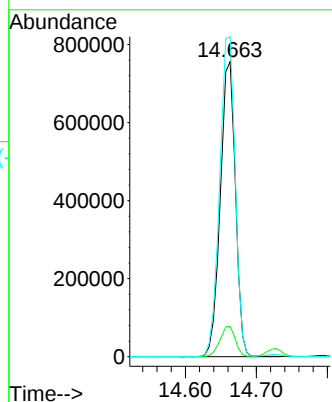
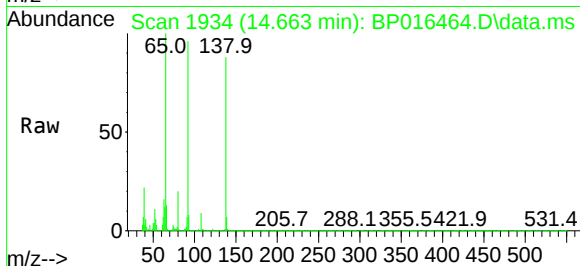




#53  
3-Nitroaniline  
Concen: 41.327 ng  
RT: 14.663 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

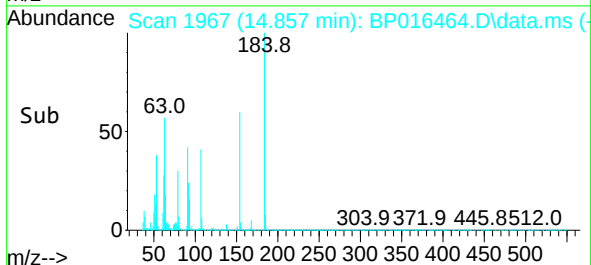
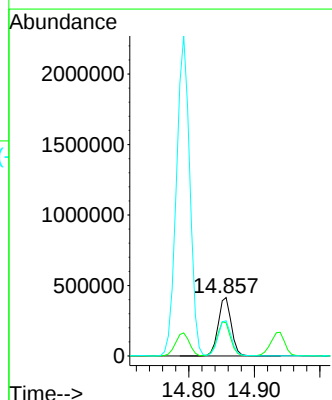
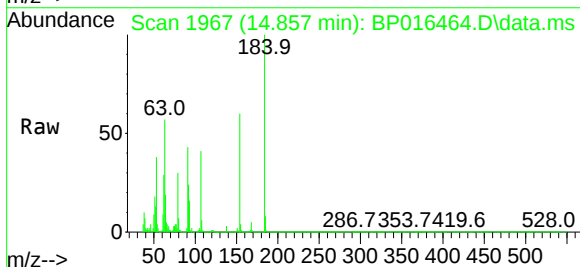
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

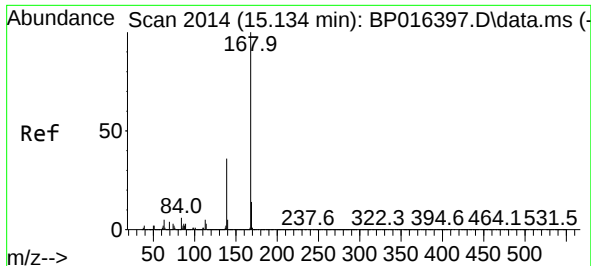
Tgt Ion:138 Resp: 1114097  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.7 13.1  
92 108.4 87.6 131.4



#54  
2,4-Dinitrophenol  
Concen: 53.924 ng  
RT: 14.857 min Scan# 1967  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:184 Resp: 569199  
Ion Ratio Lower Upper  
184 100  
63 56.7 48.2 72.4  
154 60.4 49.6 74.4

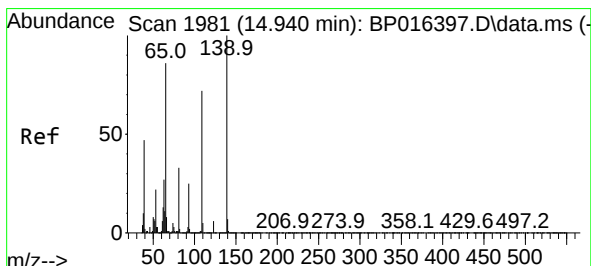
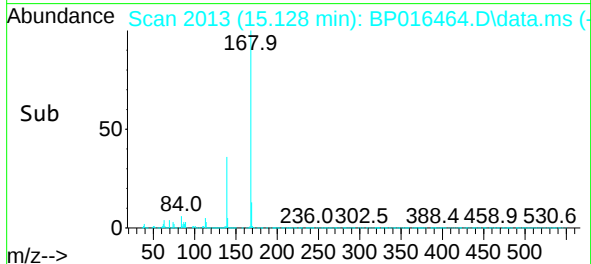
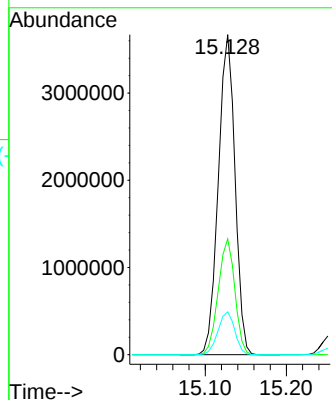
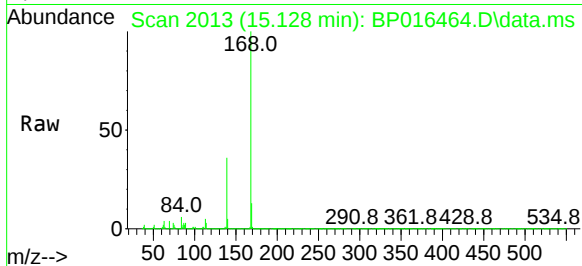




#55  
Dibenzofuran  
Concen: 37.730 ng  
RT: 15.128 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

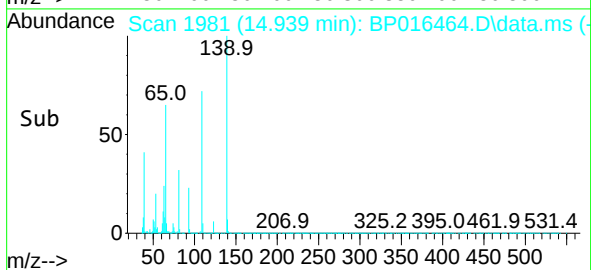
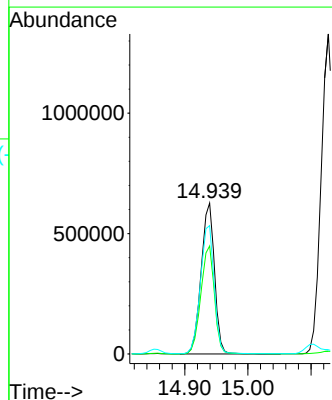
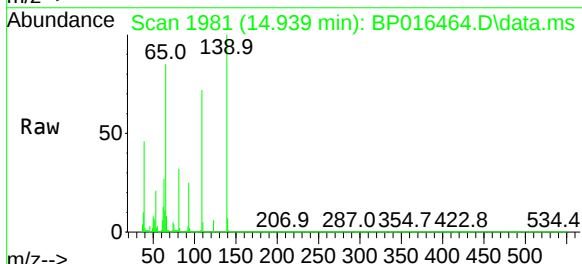
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BNA\_P  
ClientSampleId :  
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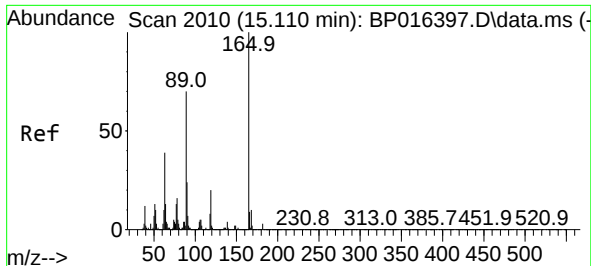
Tgt Ion:168 Resp: 5244408  
Ion Ratio Lower Upper  
168 100  
139 36.2 28.9 43.3  
169 13.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 43.602 ng  
RT: 14.939 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:139 Resp: 920114  
Ion Ratio Lower Upper  
139 100  
109 71.6 51.9 91.9  
65 85.1 66.2 106.2

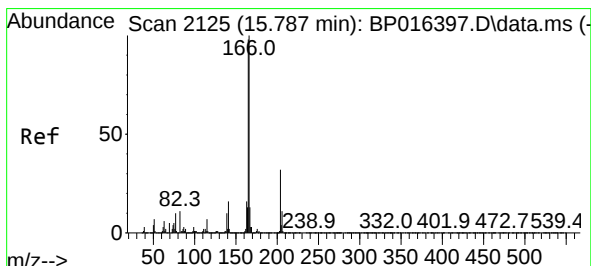
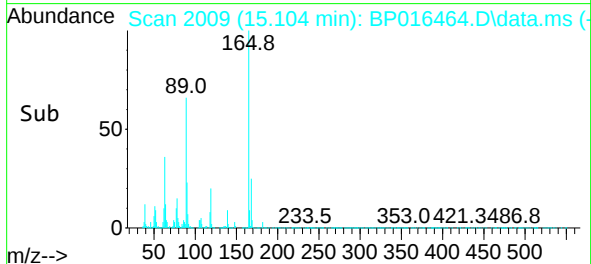
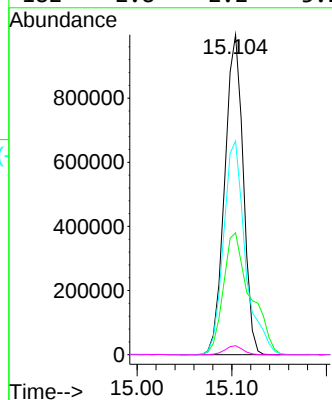
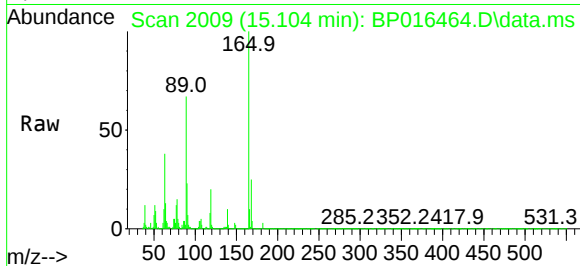




#57  
2,4-Dinitrotoluene  
Concen: 43.597 ng  
RT: 15.104 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

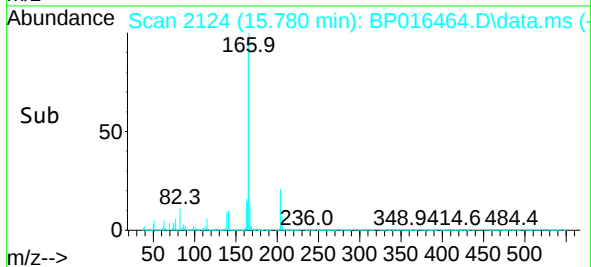
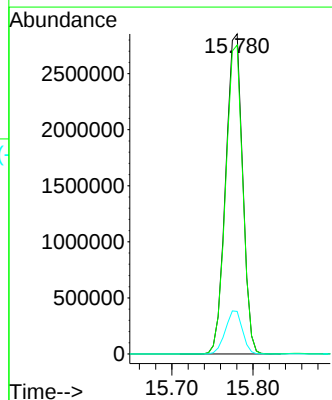
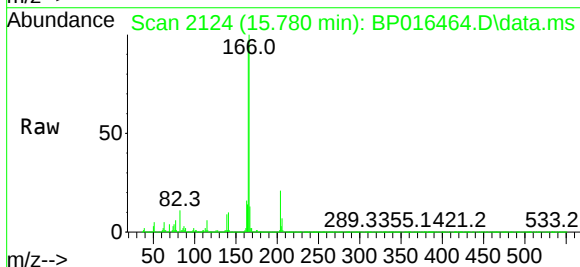
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BNA\_P  
ClientSampleId :  
SSTDCCC040

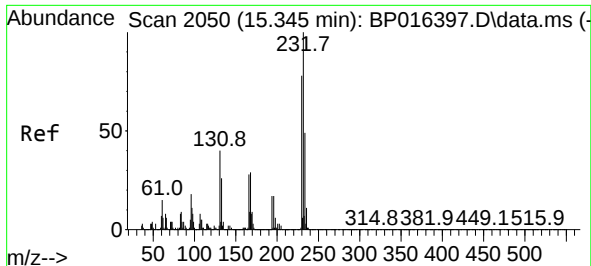
Tgt Ion:165 Resp: 1354805  
Ion Ratio Lower Upper  
165 100  
63 38.1 31.4 47.0  
89 66.7 55.8 83.6  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 37.934 ng  
RT: 15.780 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:166 Resp: 4142485  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.0 117.0  
167 13.3 10.6 16.0

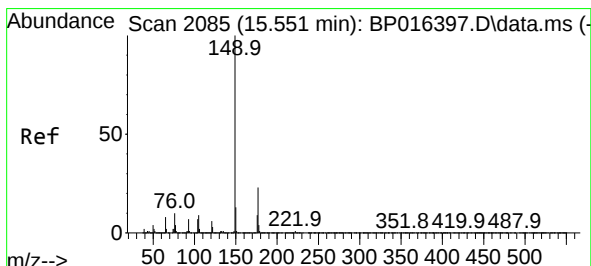
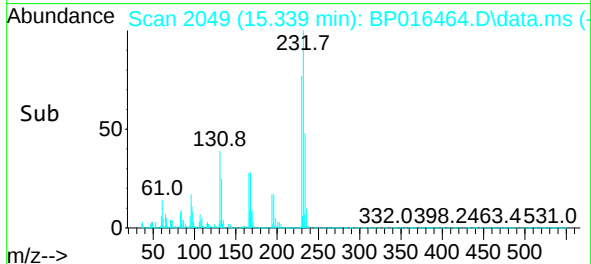
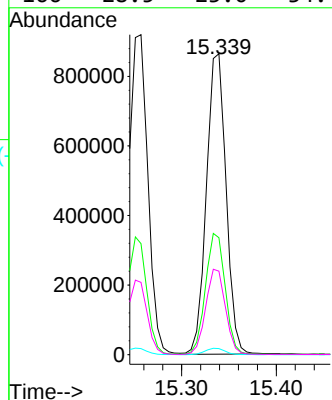
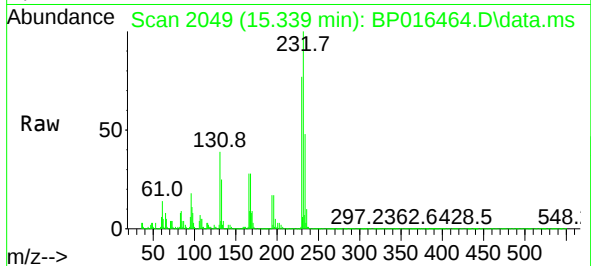




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.883 ng  
RT: 15.339 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

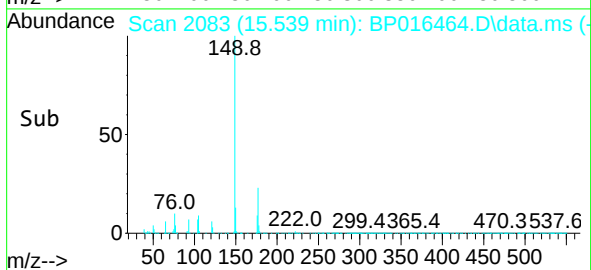
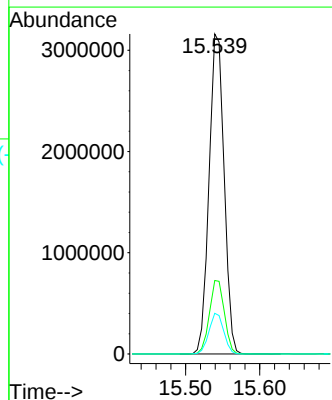
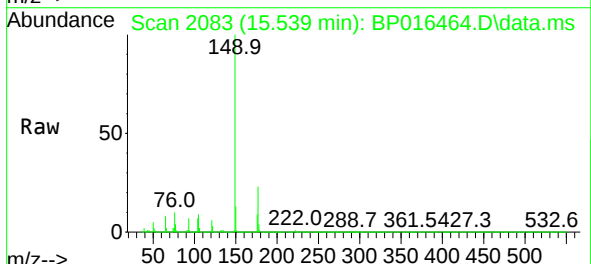
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

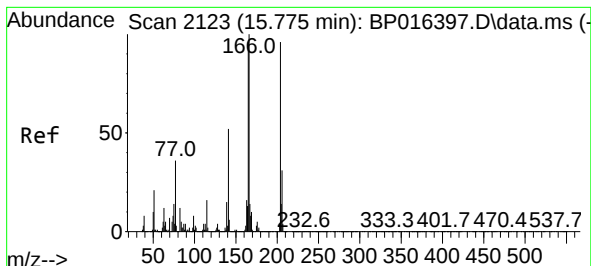
Tgt Ion:232 Resp: 1246467  
Ion Ratio Lower Upper  
232 100  
131 40.4 33.1 49.7  
130 2.1 1.8 2.8  
166 28.5 23.0 34.4



#60  
Diethylphthalate  
Concen: 38.560 ng  
RT: 15.539 min Scan# 2083  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:149 Resp: 4460206  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.6 27.8  
150 12.7 10.1 15.1

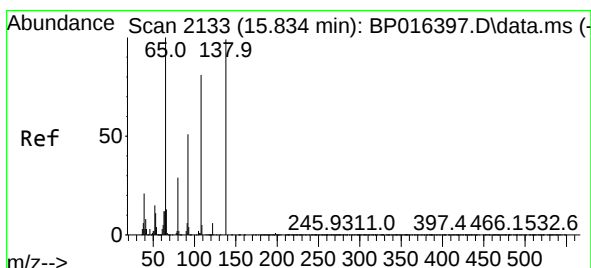
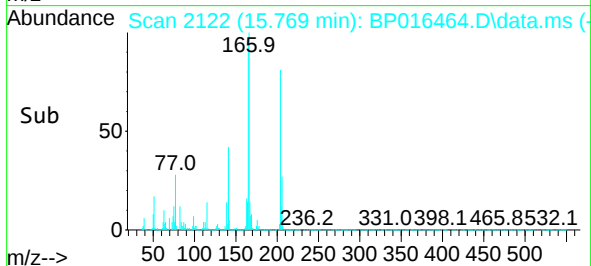
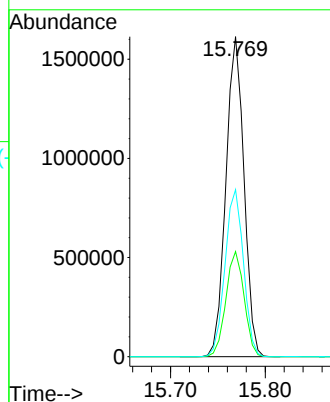
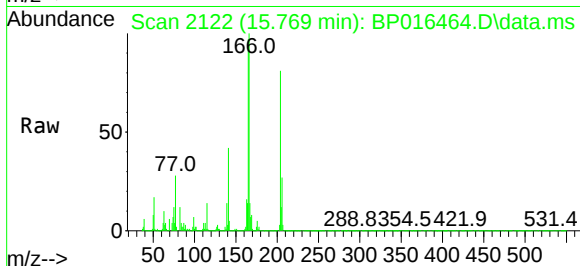




#61  
4-Chlorophenyl-phenylether  
Concen: 38.849 ng  
RT: 15.769 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

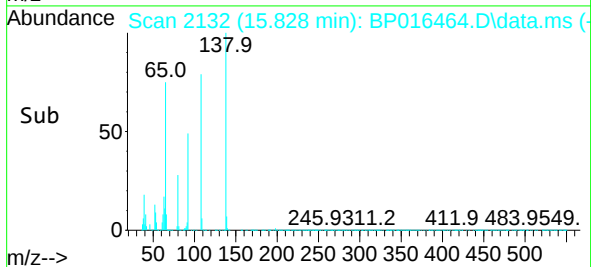
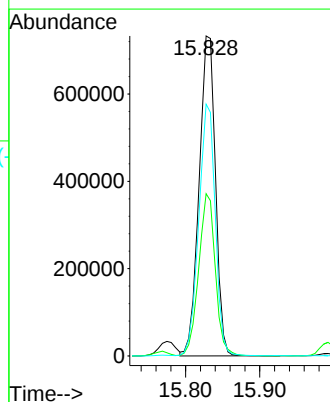
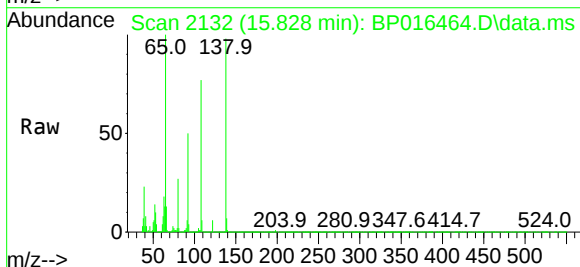
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

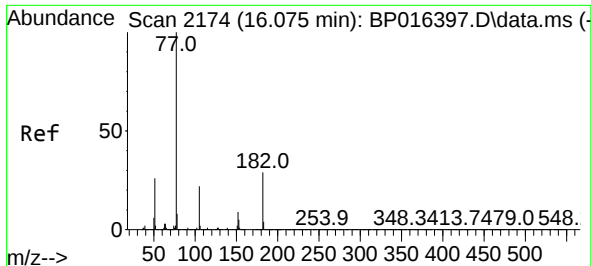
Tgt Ion:204 Resp: 2140782  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.4  
141 52.2 43.4 65.0



#62  
4-Nitroaniline  
Concen: 41.959 ng  
RT: 15.828 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:138 Resp: 1122547  
Ion Ratio Lower Upper  
138 100  
92 50.7 30.3 70.3  
108 78.7 60.1 100.1



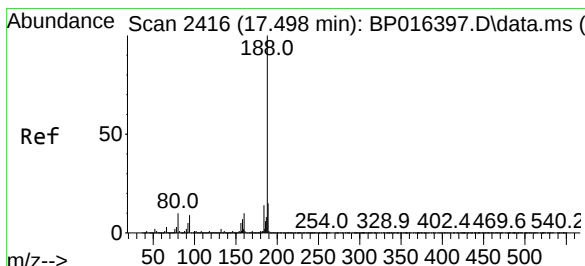
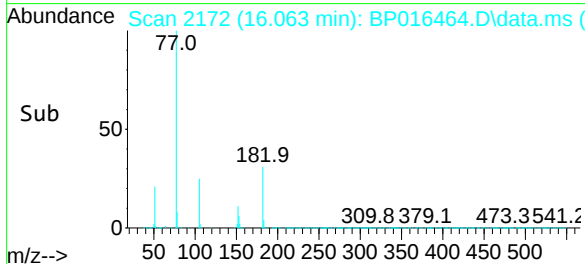
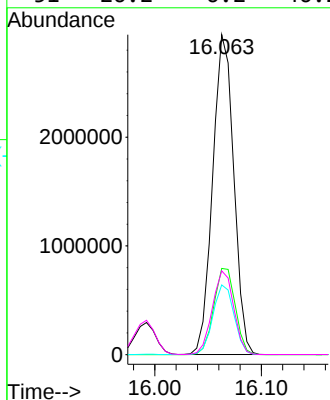
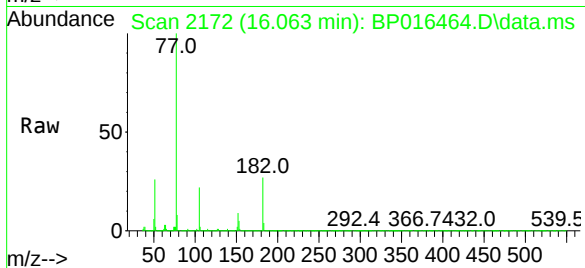


#63  
Azobenzene  
Concen: 36.951 ng  
RT: 16.063 min Scan# 2172  
Delta R.T. -0.012 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 4035769

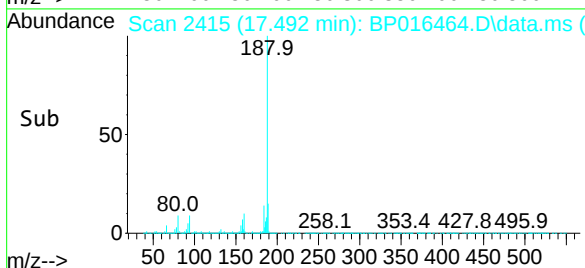
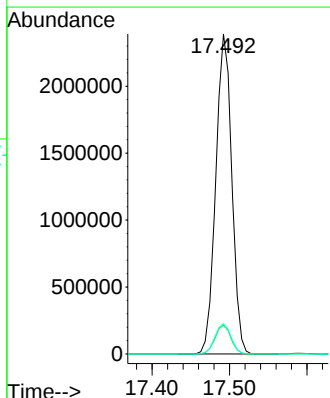
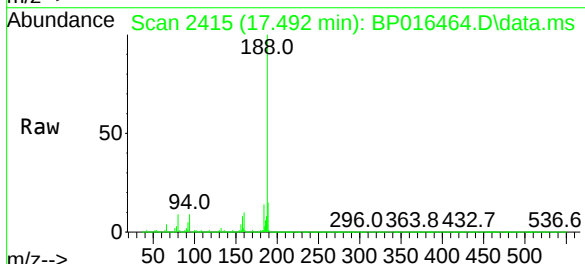
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.0  | 8.6   | 48.6  |
| 105 | 21.8  | 2.4   | 42.4  |
| 51  | 26.2  | 6.2   | 46.2  |

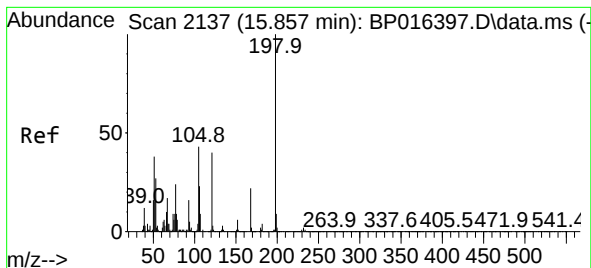


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion: 188 Resp: 3423483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 7.4   | 11.0  |
| 80  | 9.5   | 7.8   | 11.8  |

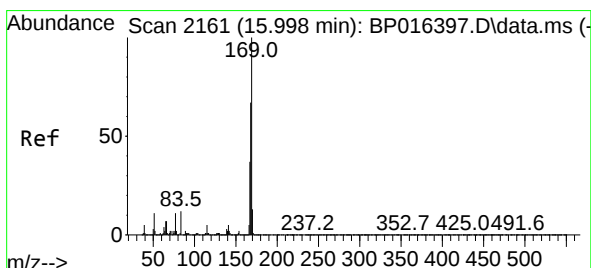
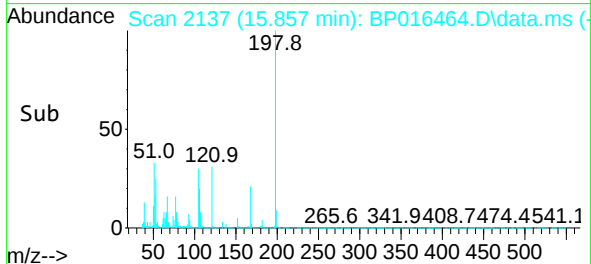
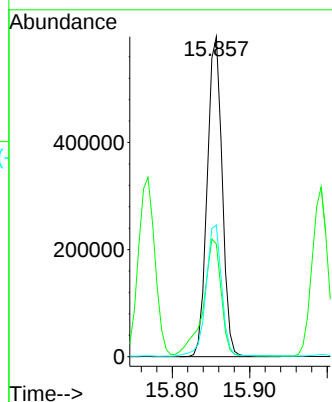
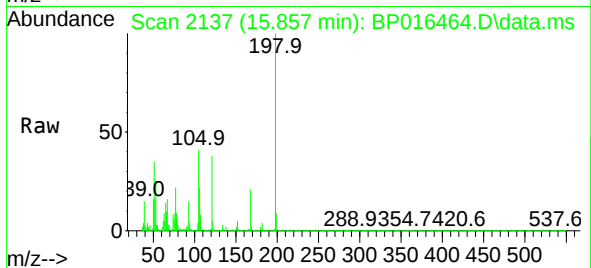




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.609 ng  
RT: 15.857 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

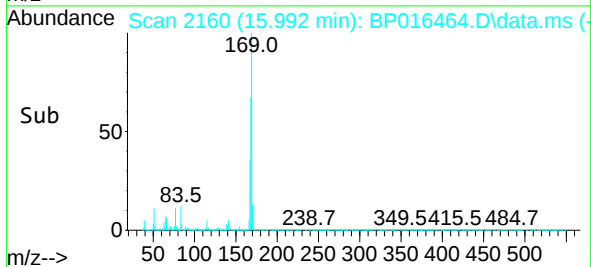
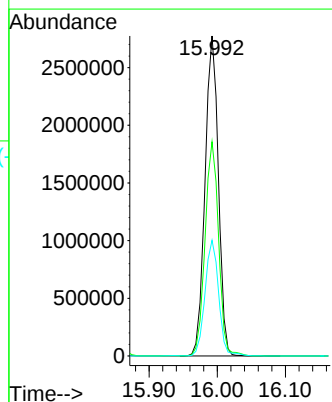
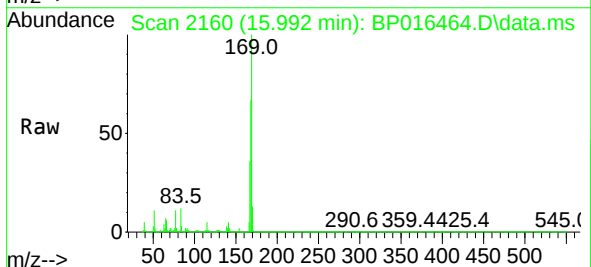
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

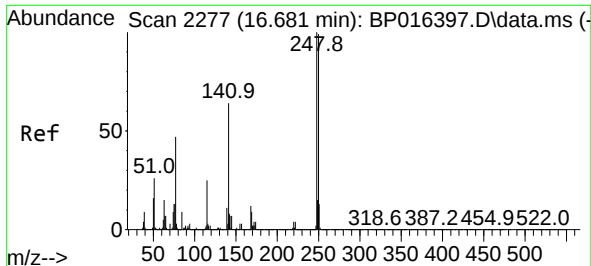
Tgt Ion:198 Resp: 799136  
Ion Ratio Lower Upper  
198 100  
51 35.2 20.1 60.1  
105 41.1 23.1 63.1



#66  
n-Nitrosodiphenylamine  
Concen: 37.359 ng  
RT: 15.992 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:169 Resp: 3769226  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.6 80.4  
167 36.2 29.2 43.8

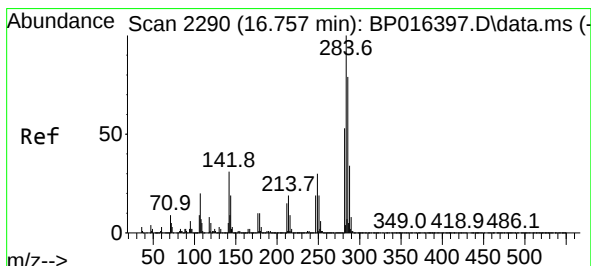
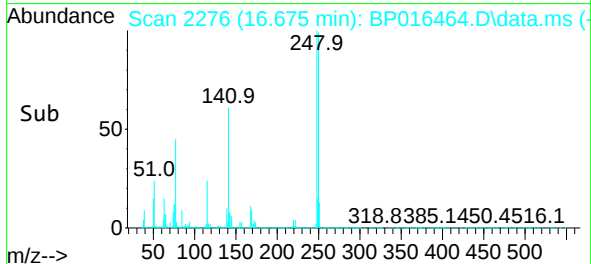
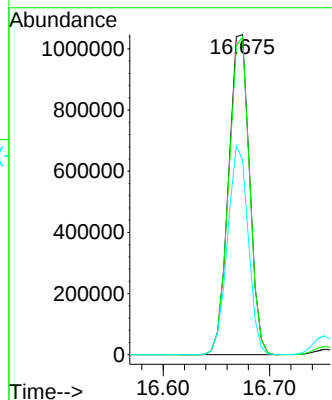
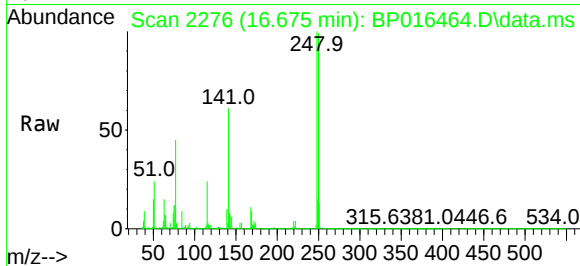




#67  
4-Bromophenyl-phenylether  
Concen: 39.399 ng  
RT: 16.675 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

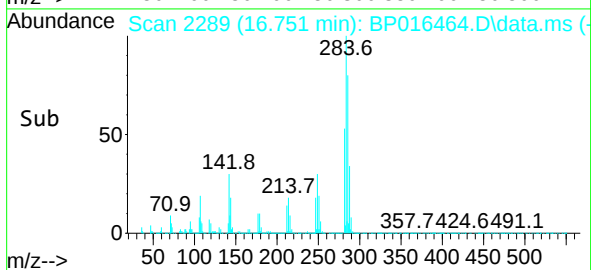
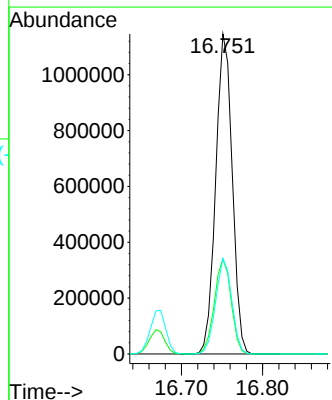
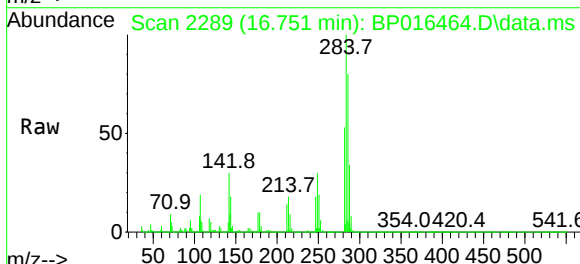
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

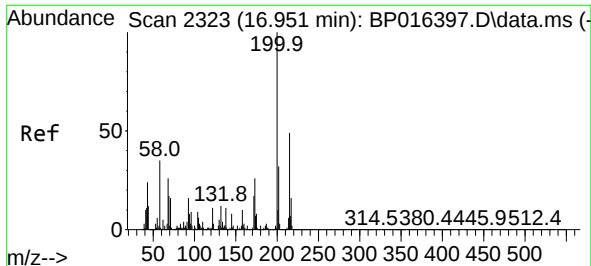
Tgt Ion:248 Resp: 1428237  
Ion Ratio Lower Upper  
248 100  
250 99.5 78.9 118.3  
141 60.7 51.0 76.4



#68  
Hexachlorobenzene  
Concen: 40.021 ng  
RT: 16.751 min Scan# 2289  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:284 Resp: 1617870  
Ion Ratio Lower Upper  
284 100  
142 29.7 25.2 37.8  
249 32.2 26.0 39.0

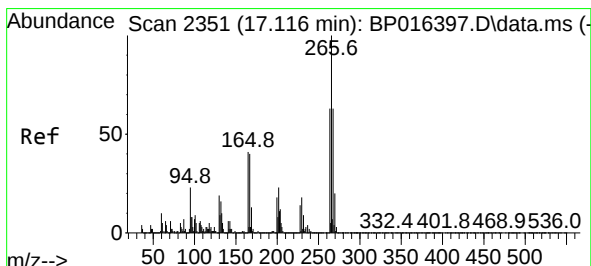
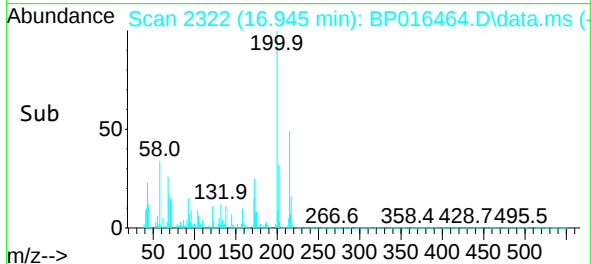
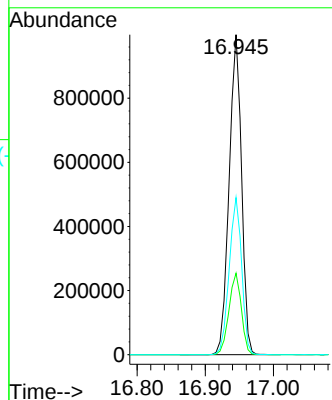
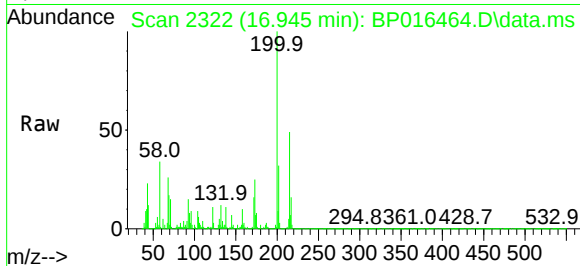




#69  
Atrazine  
Concen: 42.131 ng  
RT: 16.945 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

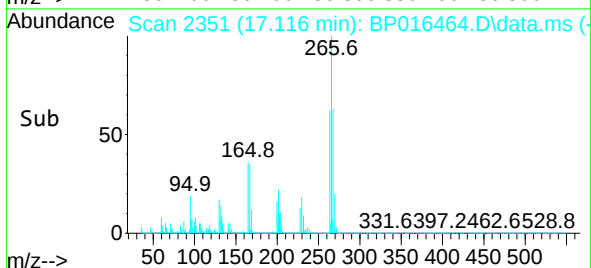
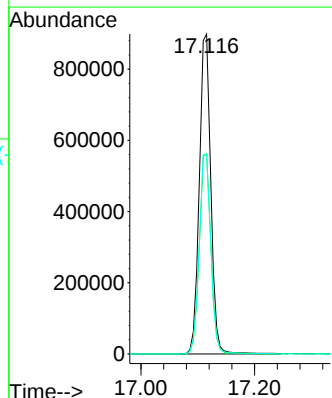
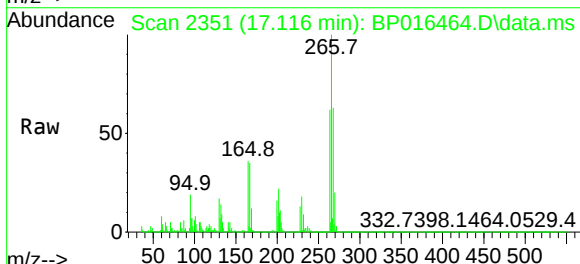
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

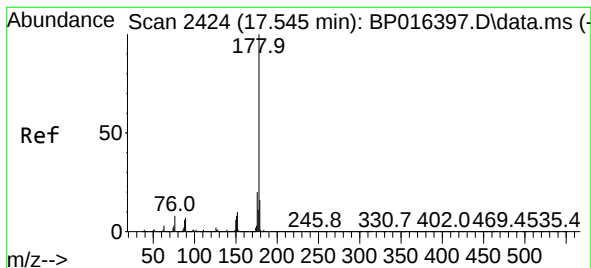
Tgt Ion:200 Resp: 1264142  
Ion Ratio Lower Upper  
200 100  
173 25.5 5.8 45.8  
215 49.1 29.2 69.2



#70  
Pentachlorophenol  
Concen: 45.379 ng  
RT: 17.116 min Scan# 2351  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:266 Resp: 1269507  
Ion Ratio Lower Upper  
266 100  
268 66.9 53.9 80.9  
264 67.1 54.9 82.3





#71

Phenanthrene

Concen: 37.205 ng

RT: 17.539 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

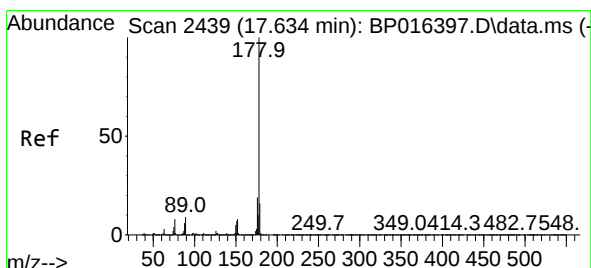
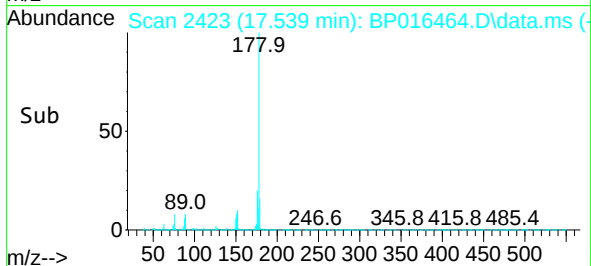
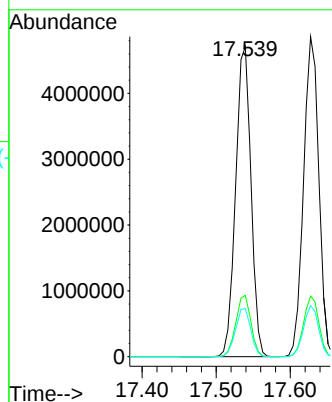
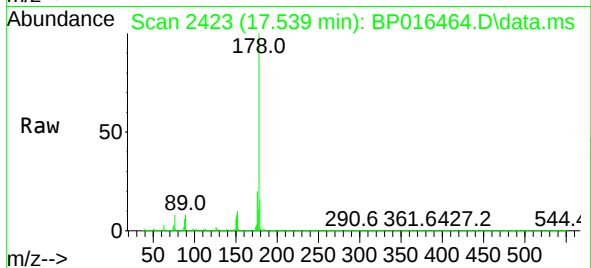
Tgt Ion:178 Resp: 6763231

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 37.928 ng

RT: 17.627 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

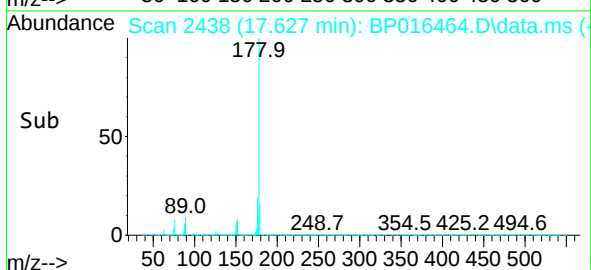
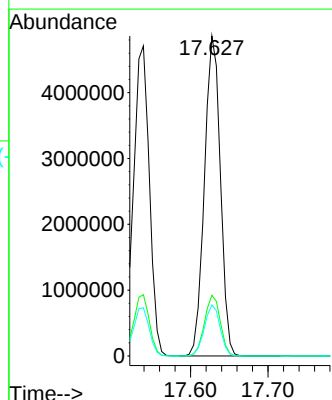
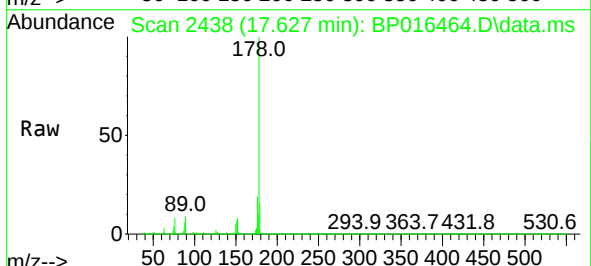
Tgt Ion:178 Resp: 6932915

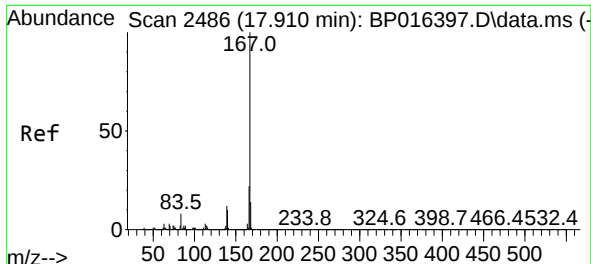
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.9 12.6 19.0

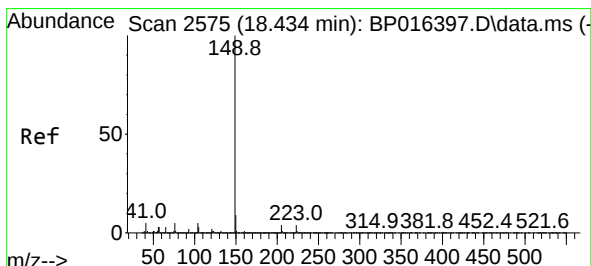
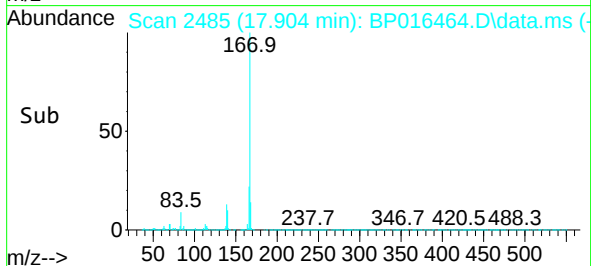
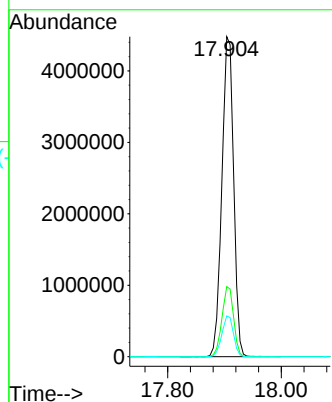
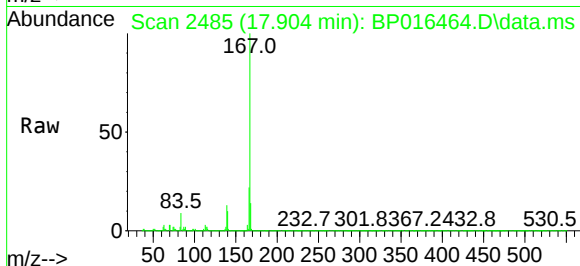




#73  
 Carbazole  
 Concen: 37.634 ng  
 RT: 17.904 min Scan# 2485  
 Delta R.T. -0.006 min  
 Lab File: BP016464.D  
 Acq: 02 Aug 2023 12:25

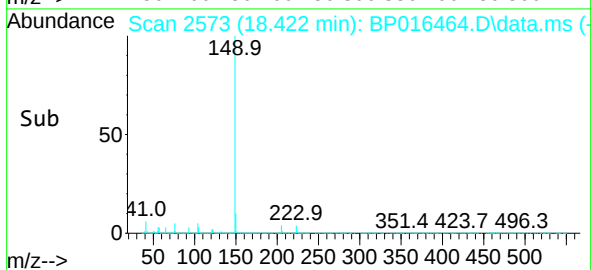
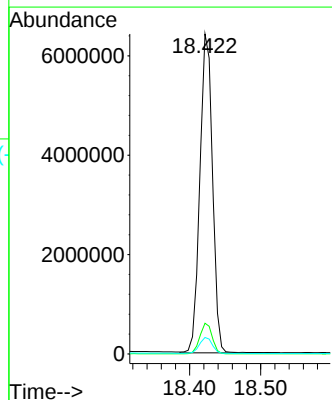
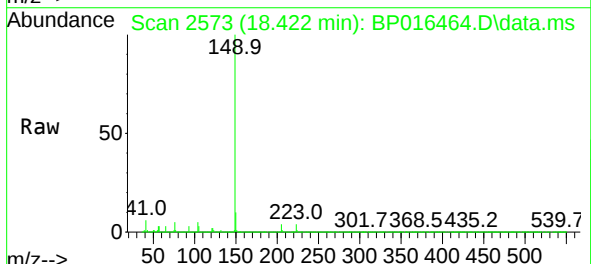
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

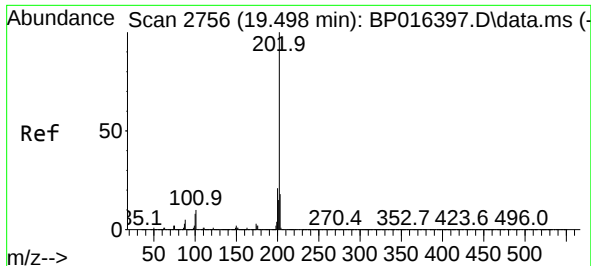
Tgt Ion:167 Resp: 6449539  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.2 25.8  
 139 12.8 9.9 14.9



#74  
 Di-n-butylphthalate  
 Concen: 40.161 ng  
 RT: 18.422 min Scan# 2573  
 Delta R.T. -0.012 min  
 Lab File: BP016464.D  
 Acq: 02 Aug 2023 12:25

Tgt Ion:149 Resp: 7962681  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 5.2 3.8 5.8

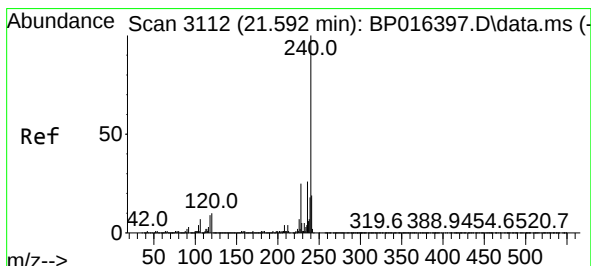
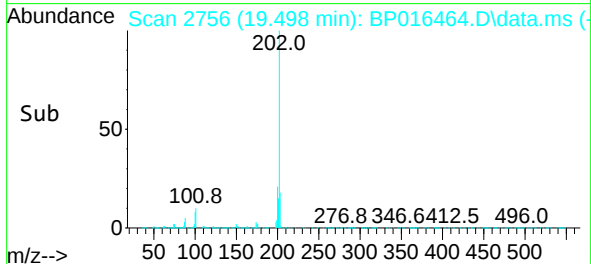
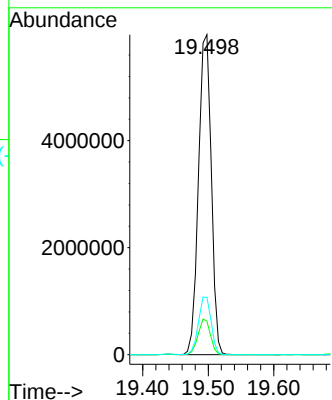
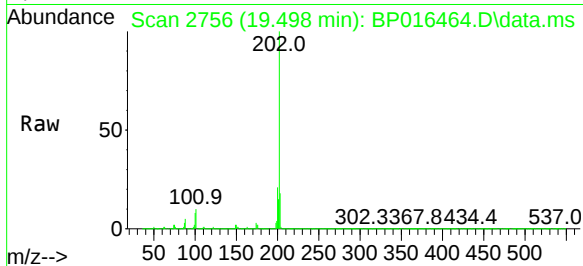




#75  
Fluoranthene  
Concen: 38.104 ng  
RT: 19.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

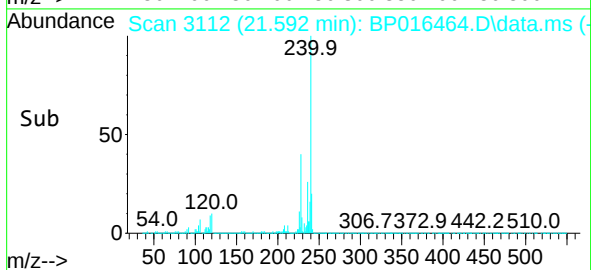
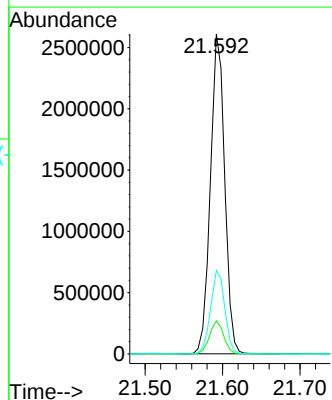
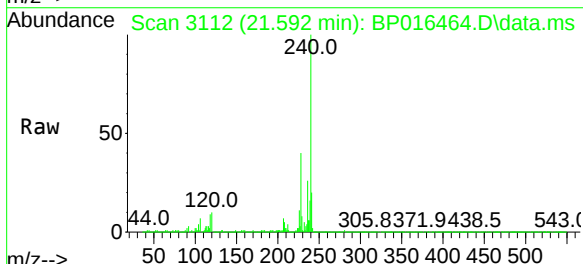
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

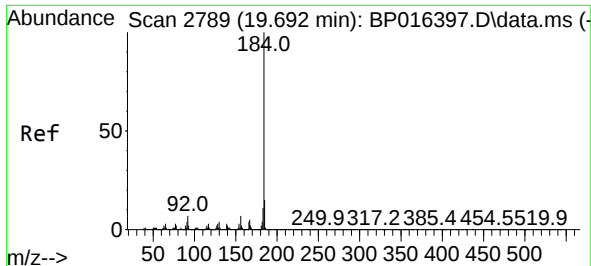
Tgt Ion:202 Resp: 8118657  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.2  
203 17.9 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3112  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:240 Resp: 3337358  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.9 11.9  
236 26.1 21.1 31.7

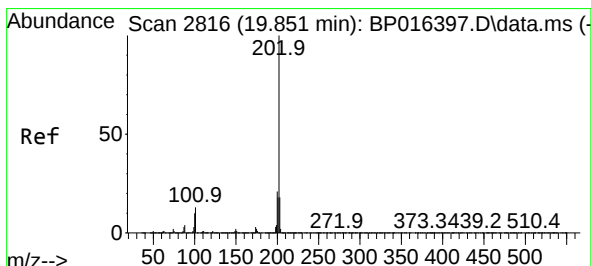
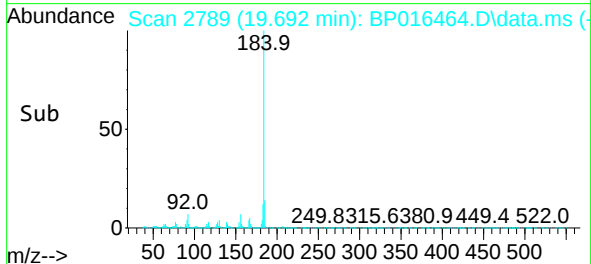
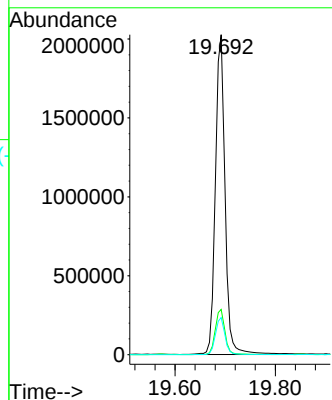
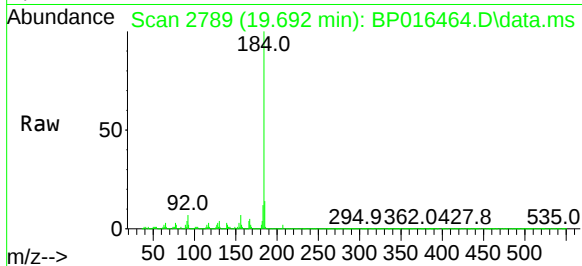




#77  
Benzidine  
Concen: 46.765 ng  
RT: 19.692 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

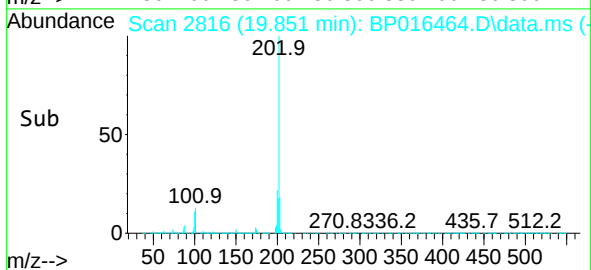
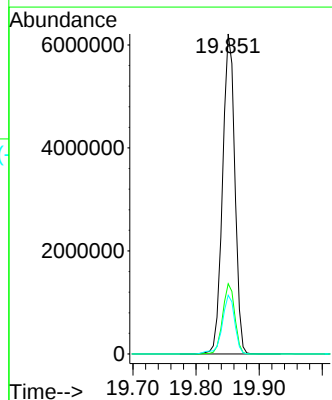
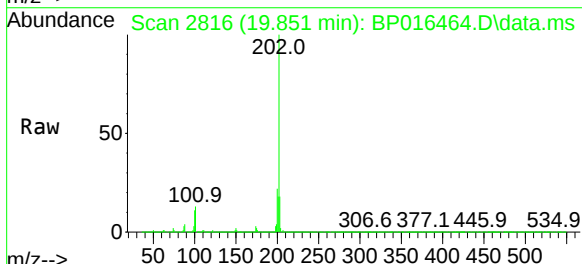
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

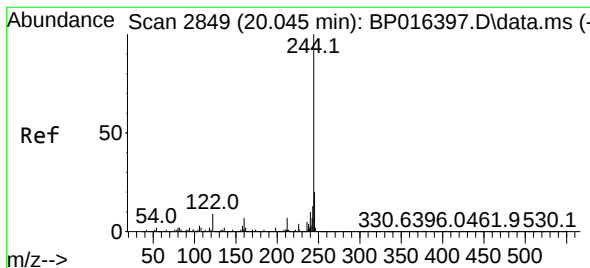
Tgt Ion:184 Resp: 2705913  
Ion Ratio Lower Upper  
184 100  
185 14.2 12.0 18.0  
183 11.6 9.2 13.8



#78  
Pyrene  
Concen: 37.543 ng  
RT: 19.851 min Scan# 2816  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:202 Resp: 8399047  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.1 25.7  
203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 74.924 ng

RT: 20.039 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

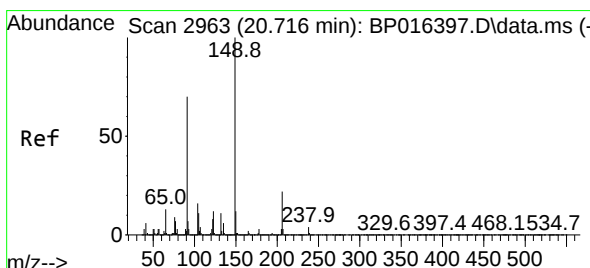
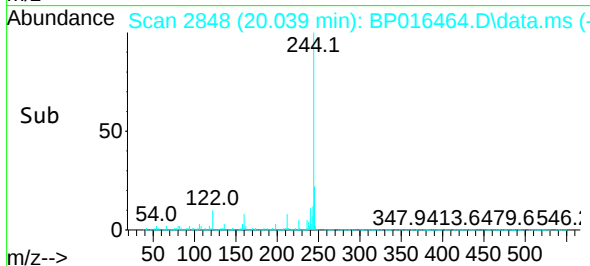
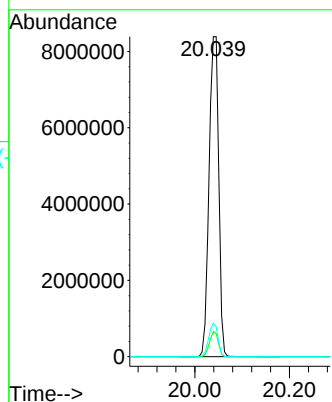
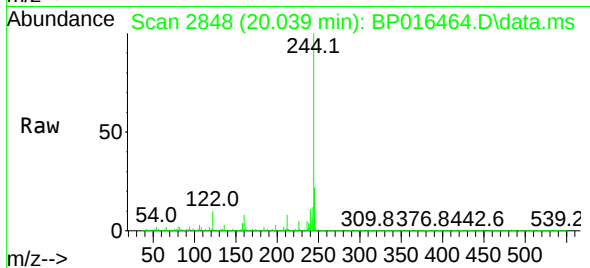
Tgt Ion:244 Resp:11837066

Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 10.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 42.725 ng

RT: 20.715 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

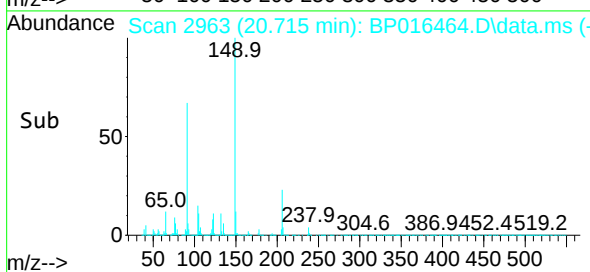
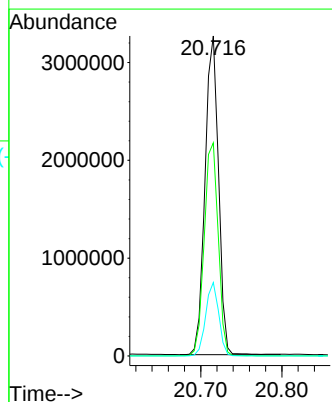
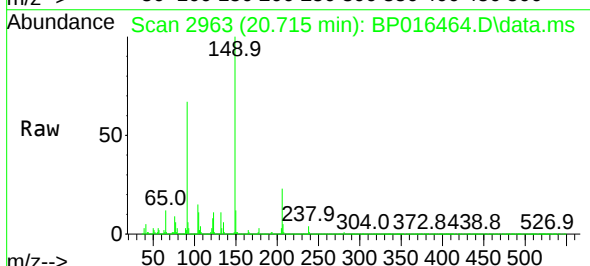
Tgt Ion:149 Resp: 3755137

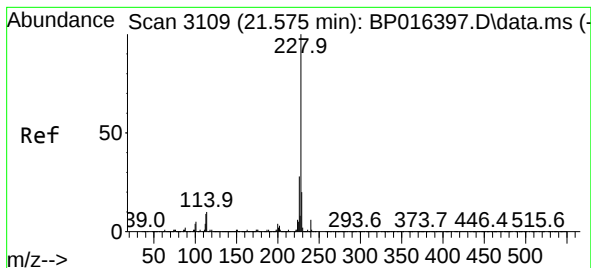
Ion Ratio Lower Upper

149 100

91 66.6 56.1 84.1

206 22.9 17.8 26.6





#81

Benzo(a)anthracene

Concen: 38.121 ng

RT: 21.574 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

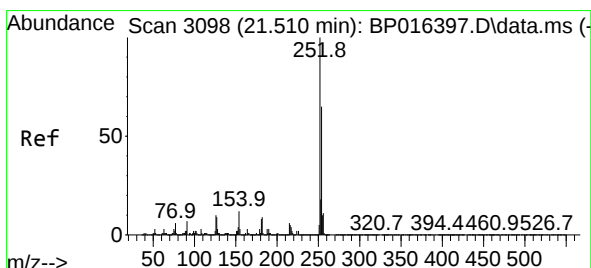
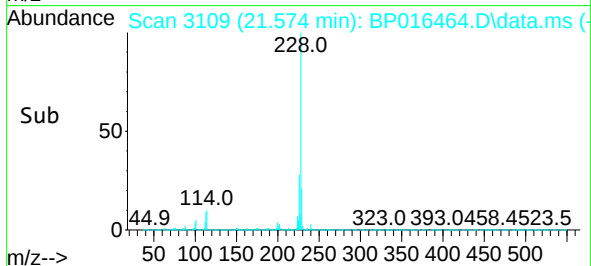
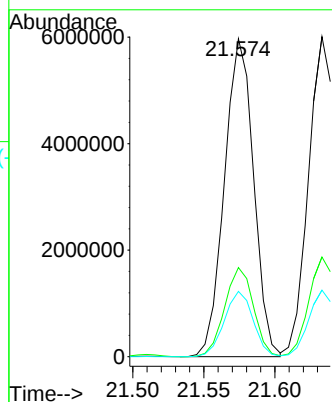
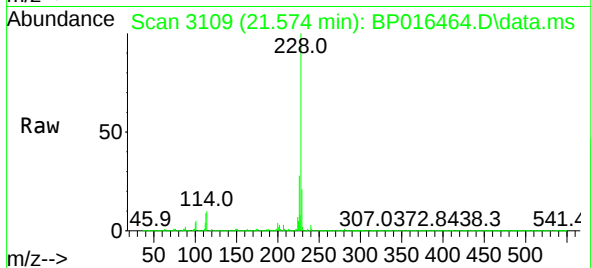
Tgt Ion:228 Resp: 8536004

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 20.6 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 42.729 ng

RT: 21.510 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

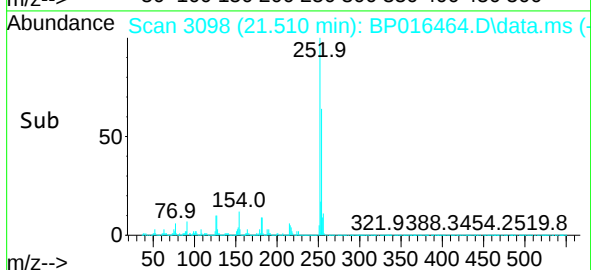
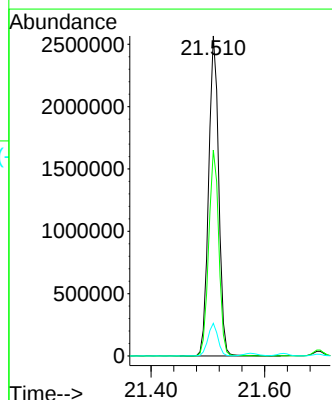
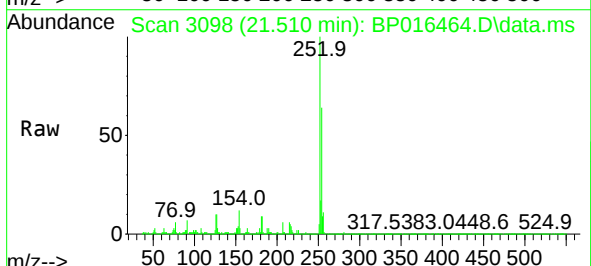
Tgt Ion:252 Resp: 3140856

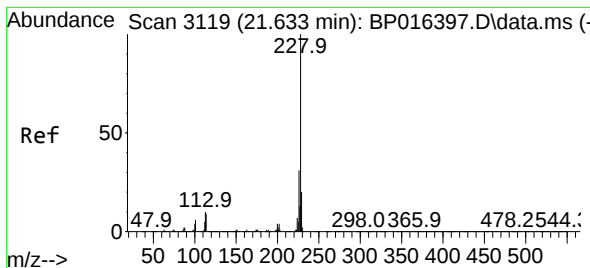
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.2

126 10.2 7.8 11.6





#83

Chrysene

Concen: 37.657 ng

RT: 21.633 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

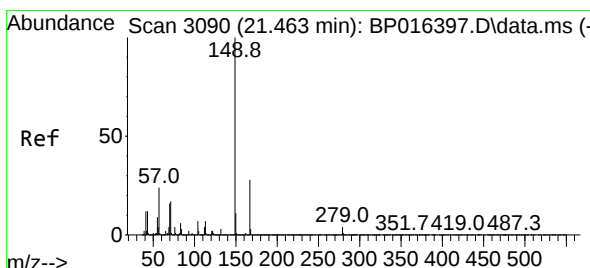
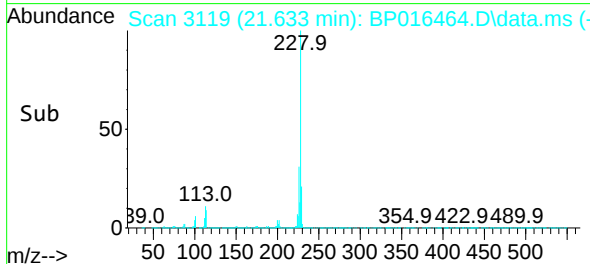
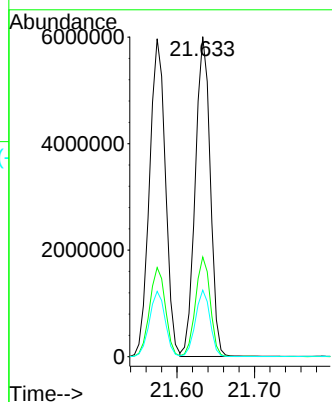
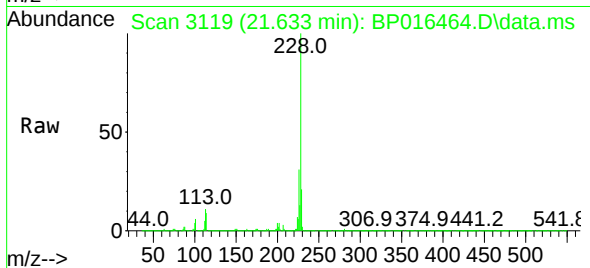
Tgt Ion:228 Resp: 8052018

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 20.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.753 ng

RT: 21.463 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

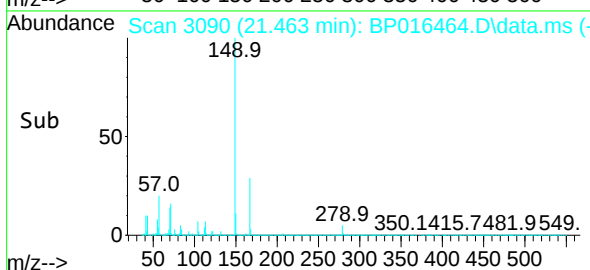
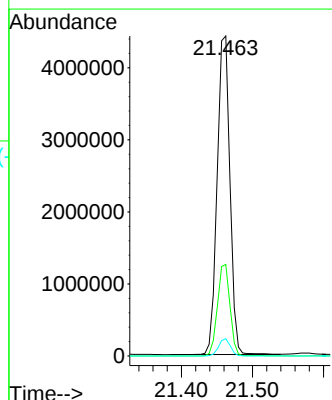
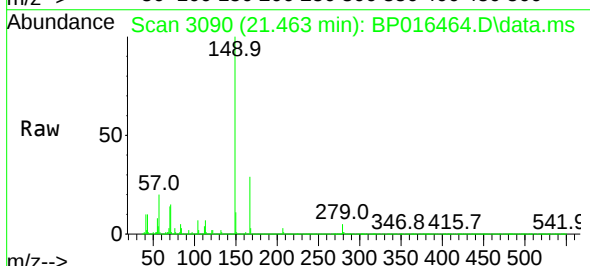
Tgt Ion:149 Resp: 5509546

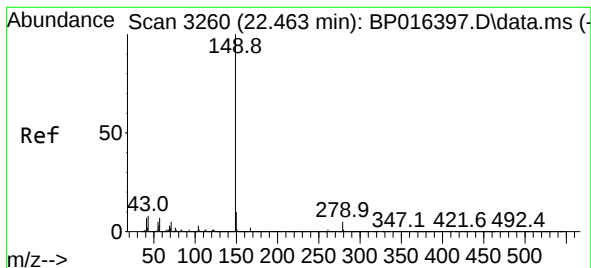
Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

279 5.4 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 42.414 ng

RT: 22.457 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

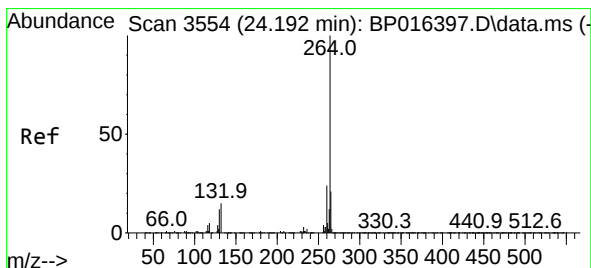
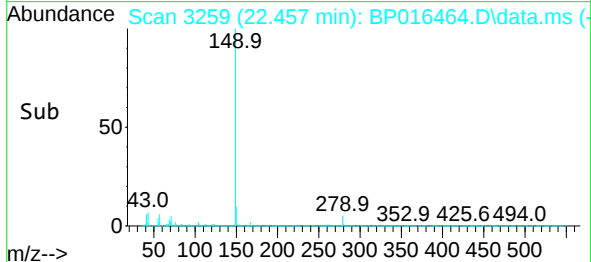
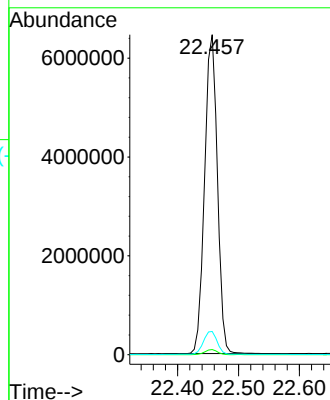
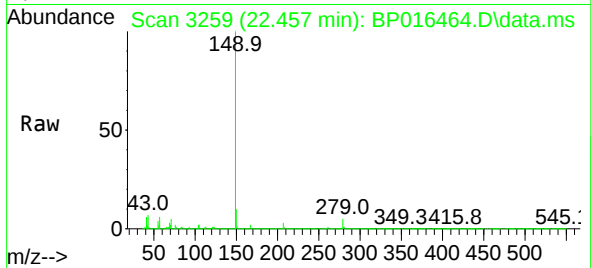
Tgt Ion:149 Resp: 9412776

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3554

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

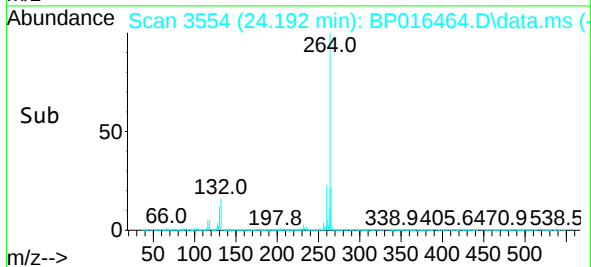
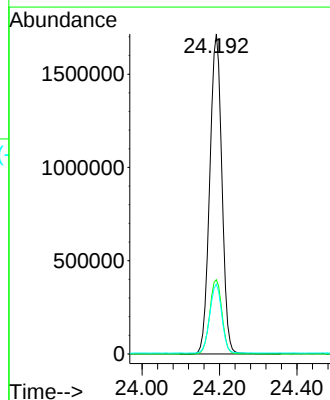
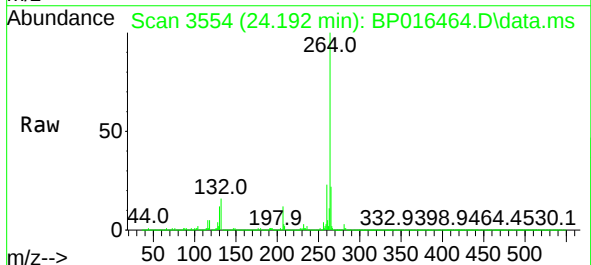
Tgt Ion:264 Resp: 3718406

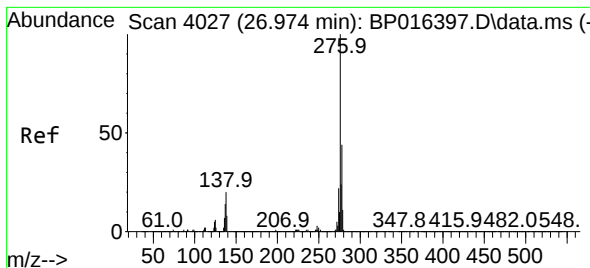
Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.079 ng

RT: 26.962 min Scan# 4025

Delta R.T. -0.012 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

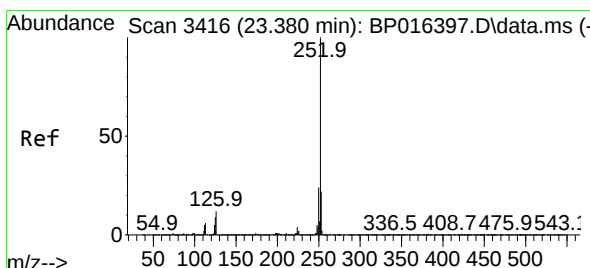
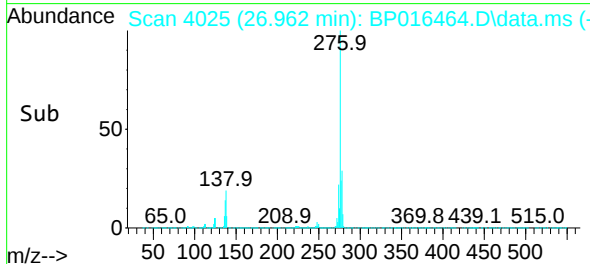
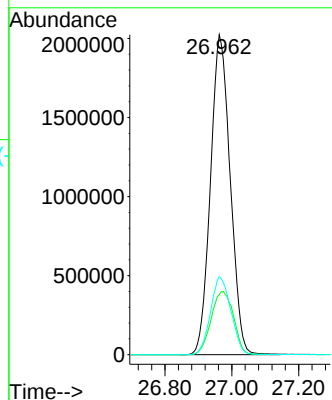
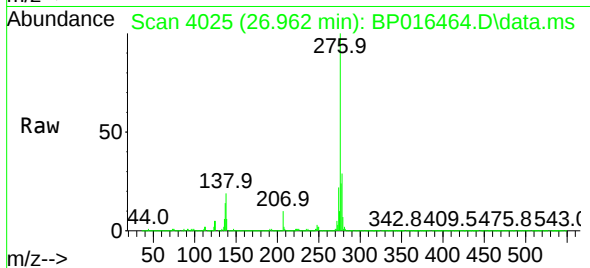
Tgt Ion:276 Resp: 8292474

Ion Ratio Lower Upper

276 100

138 22.4 18.4 27.6

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.893 ng

RT: 23.380 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

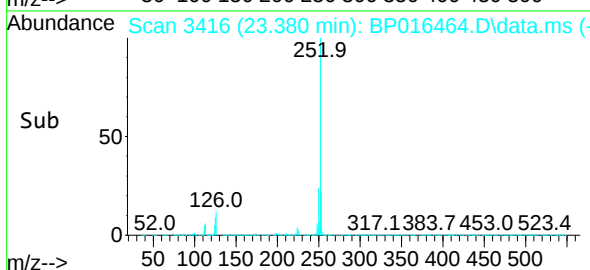
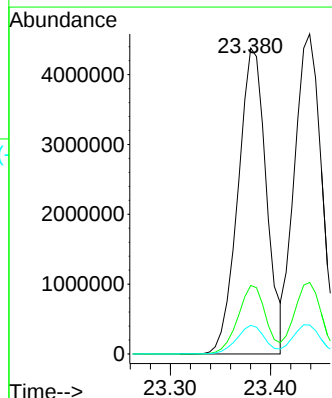
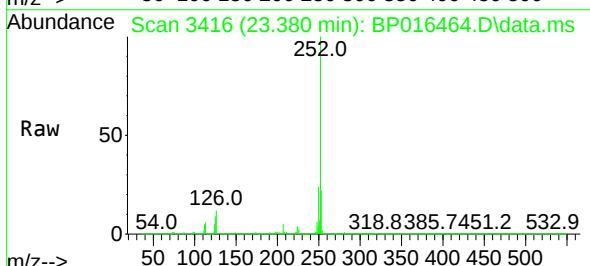
Tgt Ion:252 Resp: 8598625

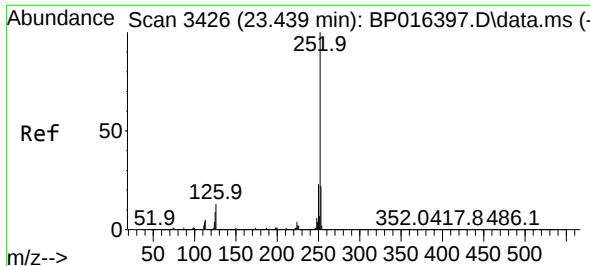
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.4 7.4 11.2

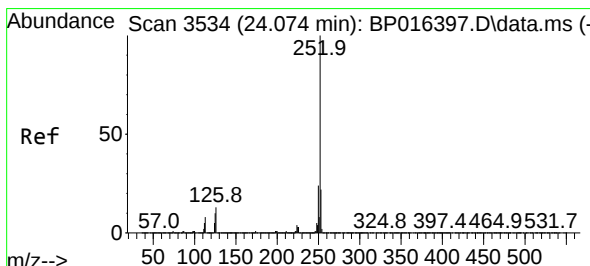
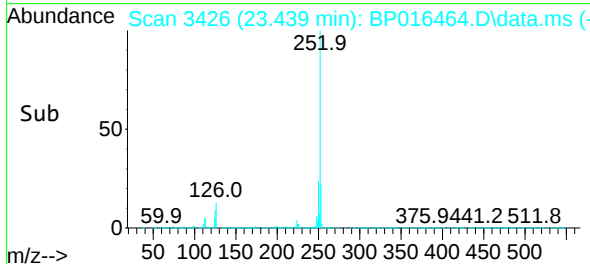
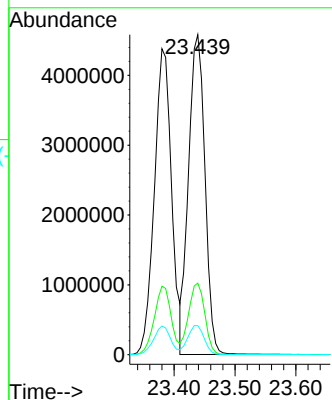
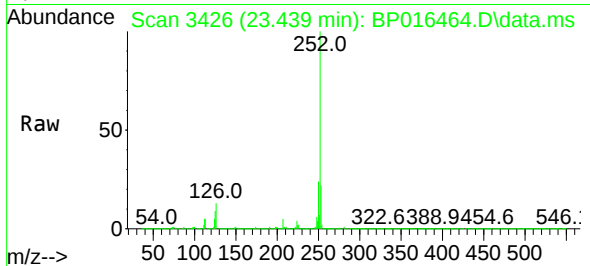




#89  
Benzo(k)fluoranthene  
Concen: 38.986 ng  
RT: 23.439 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

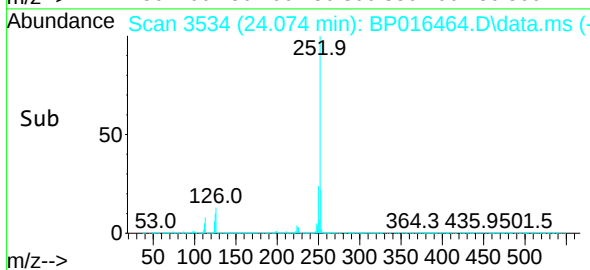
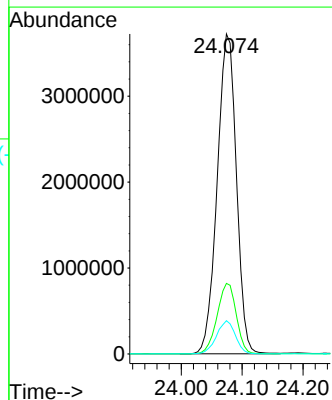
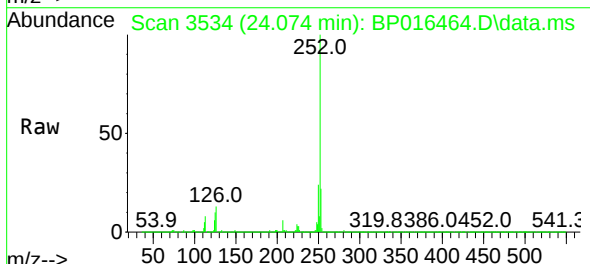
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

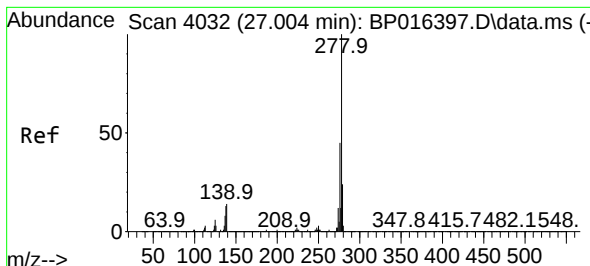
Tgt Ion:252 Resp: 8546199  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 9.1 7.1 10.7



#90  
Benzo(a)pyrene  
Concen: 39.034 ng  
RT: 24.074 min Scan# 3534  
Delta R.T. -0.000 min  
Lab File: BP016464.D  
Acq: 02 Aug 2023 12:25

Tgt Ion:252 Resp: 8149468  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 33.401 ng

RT: 26.998 min Scan# 4032

Delta R.T. -0.006 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

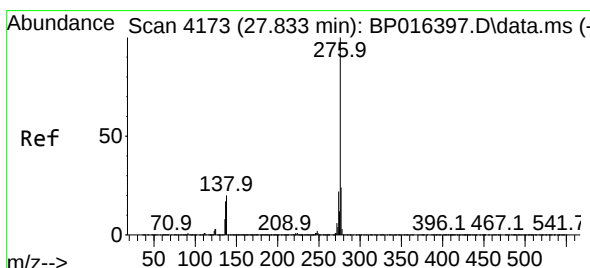
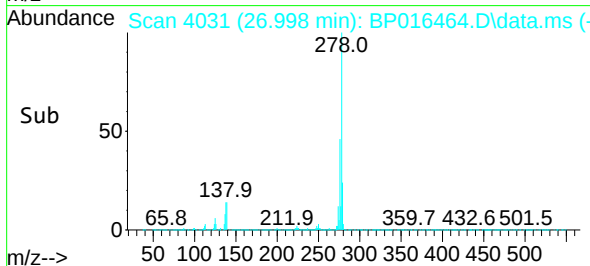
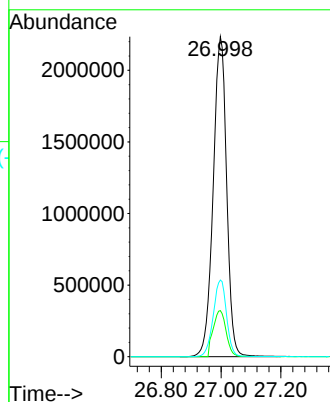
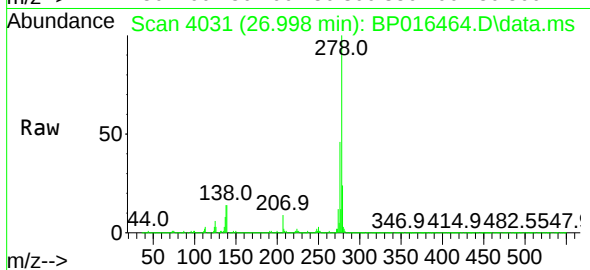
Tgt Ion:278 Resp: 6982962

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 31.760 ng

RT: 27.833 min Scan# 4173

Delta R.T. -0.000 min

Lab File: BP016464.D

Acq: 02 Aug 2023 12:25

Tgt Ion:276 Resp: 6398480

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 19.6 16.1 24.1

