

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022424\  
 Data File : BP019855.D  
 Acq On : 24 Feb 2024 11:22  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 26 00:06:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 13:10:49 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.905  | 152  | 96351    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.704 | 136  | 339831   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.545 | 164  | 225330   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.310 | 188  | 524753   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.422 | 240  | 500125   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 23.851 | 264  | 586738   | 20.000 | ng    | -0.02    |

|                             |        |     |         |        |    |       |
|-----------------------------|--------|-----|---------|--------|----|-------|
| System Monitoring Compounds |        |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.481  | 112 | 482790  | 80.769 | ng | 0.00  |
| 7) Phenol-d6                | 7.081  | 99  | 631128  | 78.307 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.081  | 82  | 609292  | 77.690 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330 | 294516  | 89.519 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.169 | 172 | 1343118 | 73.687 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.880 | 244 | 2441602 | 80.286 | ng | -0.01 |

|                               |        |     |        |        |         |
|-------------------------------|--------|-----|--------|--------|---------|
| Target Compounds              |        |     |        |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.381  | 88  | 87721  | 38.090 | ng 98   |
| 3) Pyridine                   | 3.787  | 79  | 253301 | 40.569 | ng 95   |
| 4) n-Nitrosodimethylamine     | 3.705  | 42  | 104965 | 38.614 | ng 92   |
| 6) Aniline                    | 7.240  | 93  | 307831 | 39.307 | ng 98   |
| 8) 2-Chlorophenol             | 7.469  | 128 | 237985 | 38.780 | ng 98   |
| 9) Benzaldehyde               | 7.058  | 77  | 253776 | 44.910 | ng 99   |
| 10) Phenol                    | 7.111  | 94  | 315944 | 39.331 | ng 98   |
| 11) bis(2-Chloroethyl)ether   | 7.340  | 93  | 243898 | 39.026 | ng 99   |
| 12) 1,3-Dichlorobenzene       | 7.787  | 146 | 287750 | 38.320 | ng 98   |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146 | 286406 | 37.646 | ng 99   |
| 14) 1,2-Dichlorobenzene       | 8.252  | 146 | 266574 | 36.215 | ng 98   |
| 15) Benzyl Alcohol            | 8.158  | 79  | 232971 | 36.177 | ng 98   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45  | 234524 | 37.527 | ng 98   |
| 17) 2-Methylphenol            | 8.358  | 107 | 192778 | 35.646 | ng 98   |
| 18) Hexachloroethane          | 8.969  | 117 | 108777 | 36.888 | ng 98   |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70  | 192057 | 34.887 | ng 99   |
| 20) 3+4-Methylphenols         | 8.687  | 107 | 269162 | 36.468 | ng 97   |
| 22) Acetophenone              | 8.740  | 105 | 361481 | 37.338 | ng # 97 |
| 24) Nitrobenzene              | 9.122  | 77  | 305015 | 38.628 | ng 98   |
| 25) Isophorone                | 9.646  | 82  | 533438 | 39.056 | ng 99   |
| 26) 2-Nitrophenol             | 9.828  | 139 | 128341 | 42.627 | ng 98   |
| 27) 2,4-Dimethylphenol        | 9.887  | 122 | 150136 | 38.997 | ng 96   |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93  | 298646 | 38.646 | ng 99   |
| 29) 2,4-Dichlorophenol        | 10.363 | 162 | 227387 | 39.072 | ng 96   |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180 | 278163 | 38.982 | ng 98   |
| 31) Naphthalene               | 10.757 | 128 | 713124 | 38.261 | ng 99   |
| 32) Benzoic acid              | 10.052 | 122 | 165151 | 44.029 | ng 97   |
| 33) 4-Chloroaniline           | 10.881 | 127 | 263878 | 38.284 | ng 98   |
| 34) Hexachlorobutadiene       | 11.022 | 225 | 207471 | 39.236 | ng 98   |
| 35) Caprolactam               | 11.693 | 113 | 74740  | 45.365 | ng 92   |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107 | 260722 | 41.086 | ng 98   |
| 37) 2-Methylnaphthalene       | 12.369 | 142 | 500772 | 38.824 | ng 97   |
| 38) 1-Methylnaphthalene       | 12.587 | 142 | 493391 | 38.925 | ng 99   |
| 40) 1,2,4,5-Tetrachloroben... | 12.734 | 216 | 321453 | 36.990 | ng 100  |
| 41) Hexachlorocyclopentadiene | 12.699 | 237 | 209970 | 53.485 | ng 100  |
| 43) 2,4,6-Trichlorophenol     | 12.981 | 196 | 204406 | 38.845 | ng 98   |

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

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

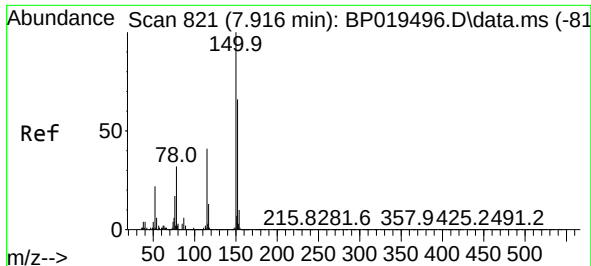
Quant Time: Feb 26 00:06:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 13:10:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.057 | 196  | 229074   | 39.645 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.381 | 154  | 655556   | 36.452 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 544120   | 36.857 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 176598   | 42.780 | ng    | 96       |
| 49) Acenaphthylene            | 14.269 | 152  | 798234   | 38.540 | ng    | 100      |
| 50) Dimethylphthalate         | 14.016 | 163  | 687913   | 39.880 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.146 | 165  | 159823   | 42.171 | ng    | 92       |
| 52) Acenaphthene              | 14.610 | 154  | 489269   | 38.061 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.475 | 138  | 148150   | 42.536 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.693 | 184  | 87759    | 44.599 | ng    | 99       |
| 55) Dibenzofuran              | 14.951 | 168  | 807991   | 38.592 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.793 | 139  | 118636   | 41.558 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 227842   | 45.877 | ng    | 96       |
| 58) Fluorene                  | 15.598 | 166  | 668099   | 40.064 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.181 | 232  | 206813   | 42.552 | ng    | 96       |
| 60) Diethylphthalate          | 15.381 | 149  | 705860   | 41.140 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 372265   | 39.718 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.640 | 138  | 161705   | 44.294 | ng    | 98       |
| 63) Azobenzene                | 15.892 | 77   | 664543   | 40.053 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 135993   | 45.449 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.816 | 169  | 564906   | 35.945 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 247286   | 37.696 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.604 | 284  | 286944   | 37.457 | ng    | 95       |
| 69) Atrazine                  | 16.781 | 200  | 190824   | 36.591 | ng    | 96       |
| 70) Pentachlorophenol         | 16.957 | 266  | 187299   | 39.261 | ng    | 98       |
| 71) Phenanthrene              | 17.351 | 178  | 1052957  | 38.128 | ng    | 99       |
| 72) Anthracene                | 17.445 | 178  | 1054485  | 38.277 | ng    | 100      |
| 73) Carbazole                 | 17.722 | 167  | 1009828  | 40.350 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 1200480  | 39.672 | ng    | 99       |
| 75) Fluoranthene              | 19.328 | 202  | 1362228  | 40.379 | ng    | 100      |
| 77) Benzidine                 | 19.516 | 184  | 308701   | 29.524 | ng    | 99       |
| 78) Pyrene                    | 19.680 | 202  | 1409287  | 39.927 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.569 | 149  | 523987   | 39.752 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.404 | 228  | 1332888  | 37.861 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 483687   | 37.703 | ng    | 100      |
| 83) Chrysene                  | 21.457 | 228  | 1267264  | 37.915 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 741417   | 36.938 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.280 | 149  | 1278709  | 36.209 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.415 | 276  | 1665148  | 37.075 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.110 | 252  | 1442615  | 39.011 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.163 | 252  | 1316499  | 37.269 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 1246921  | 37.897 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.439 | 278  | 1382080  | 37.416 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.198 | 276  | 1372823  | 36.633 | ng    | 99       |

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

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QLast Update : Fri Feb 23 13:10:49 2024  
Response via : Initial Calibration

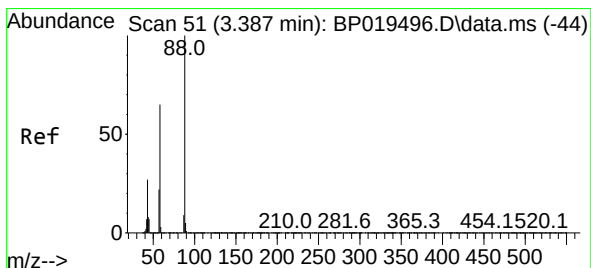
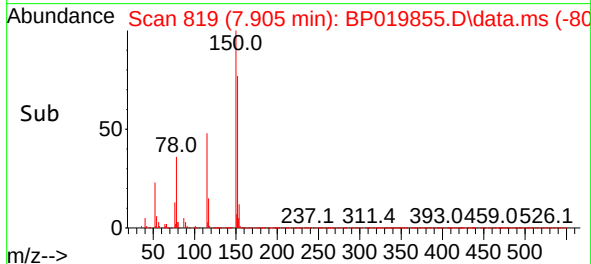
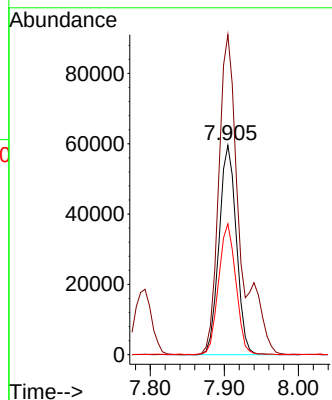
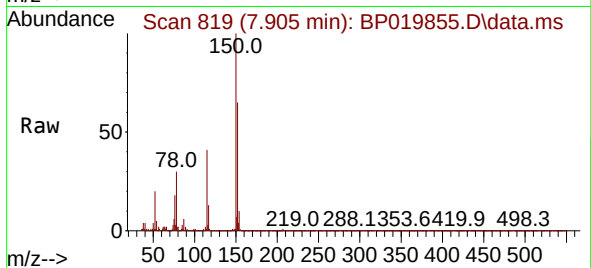




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

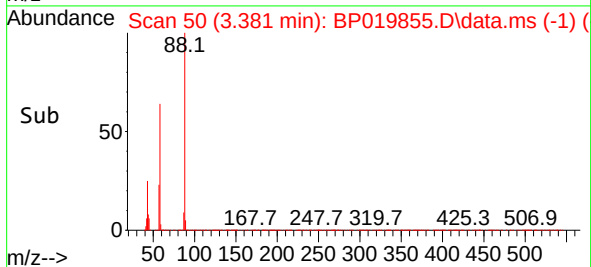
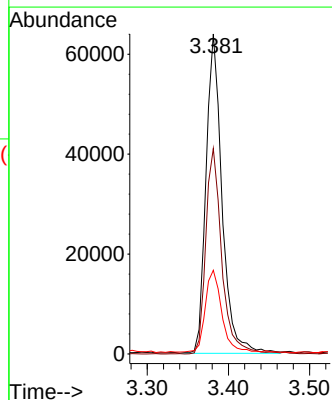
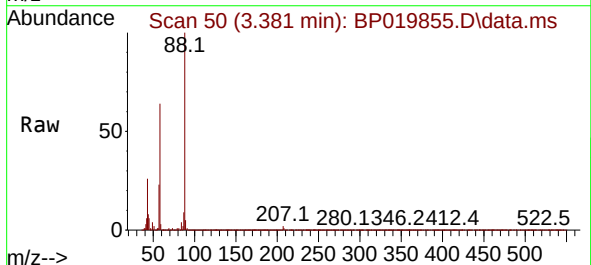
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

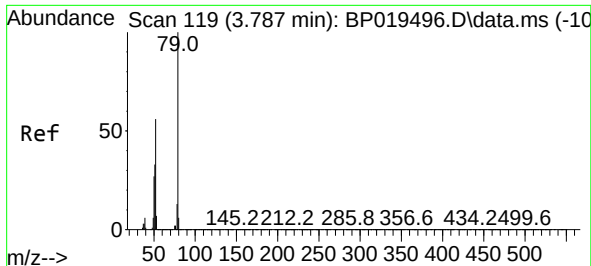
Tgt Ion:152 Resp: 96351  
Ion Ratio Lower Upper  
152 100  
150 152.9 121.8 182.8  
115 62.6 49.9 74.9



#2  
1,4-Dioxane  
Concen: 38.090 ng  
RT: 3.381 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 88 Resp: 87721  
Ion Ratio Lower Upper  
88 100  
58 64.6 52.6 78.8  
43 26.1 21.9 32.9

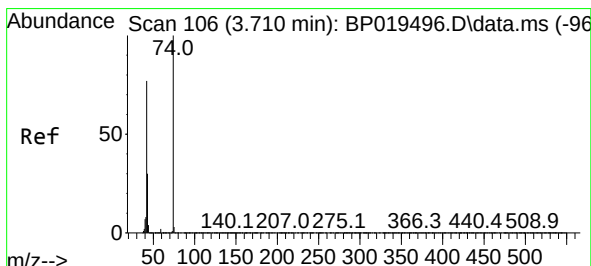
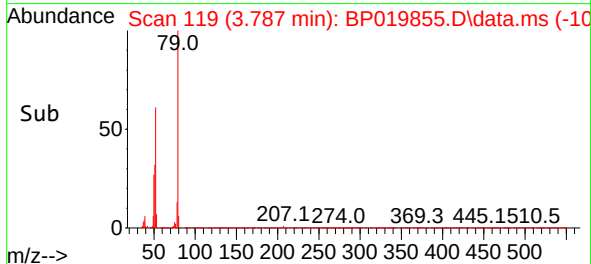
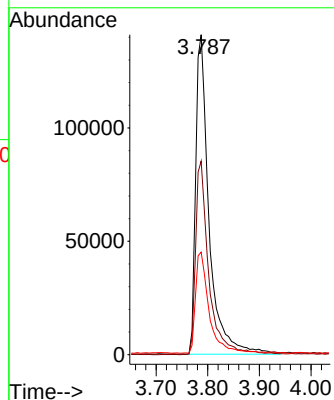
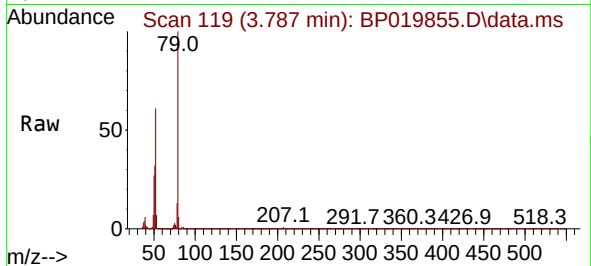




#3  
Pyridine  
Concen: 40.569 ng  
RT: 3.787 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

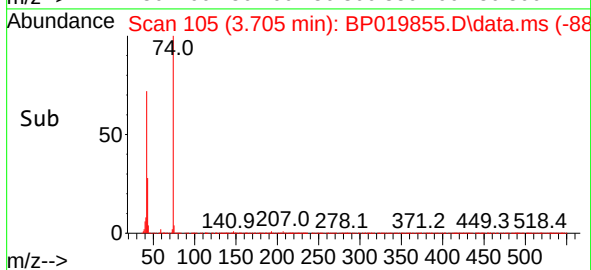
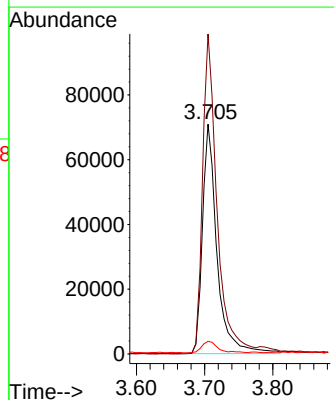
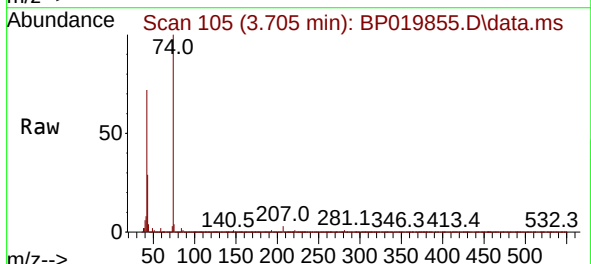
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

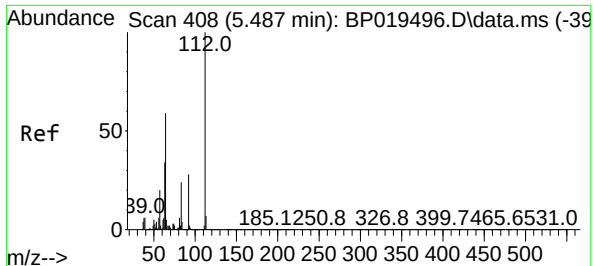
Tgt Ion: 79 Resp: 253301  
Ion Ratio Lower Upper  
79 100  
52 60.5 45.0 67.6  
51 32.0 26.8 40.2



#4  
n-Nitrosodimethylamine  
Concen: 38.614 ng  
RT: 3.705 min Scan# 105  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 42 Resp: 104965  
Ion Ratio Lower Upper  
42 100  
74 139.2 103.4 155.2  
44 5.5 4.8 7.2

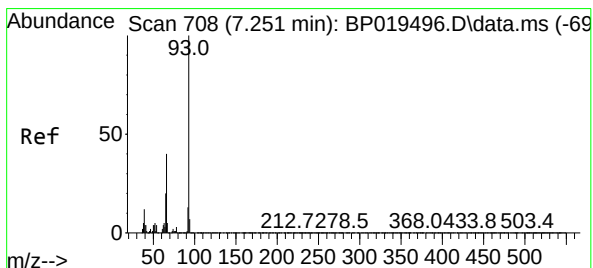
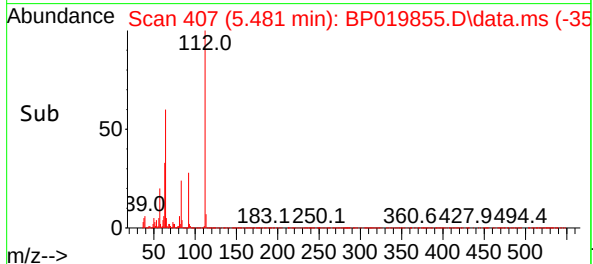
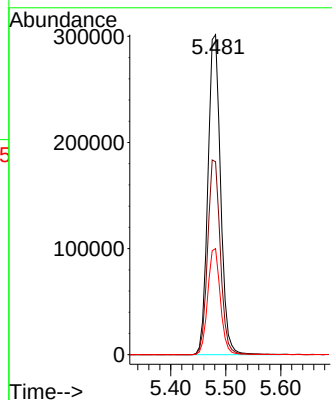
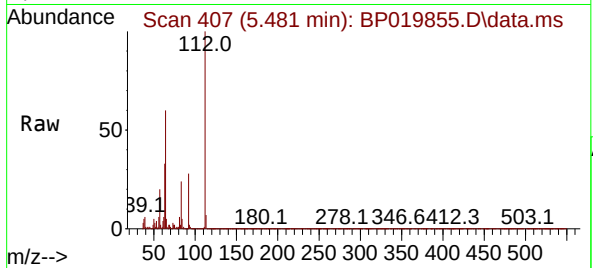




#5  
2-Fluorophenol  
Concen: 80.769 ng  
RT: 5.481 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

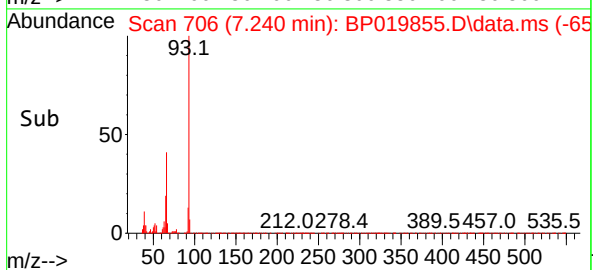
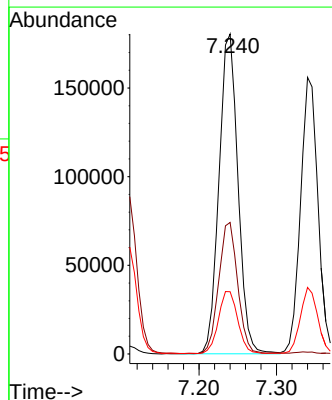
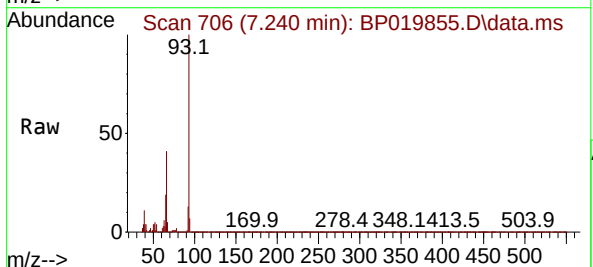
Instrument :  
BNA\_P  
ClientSampleId :  
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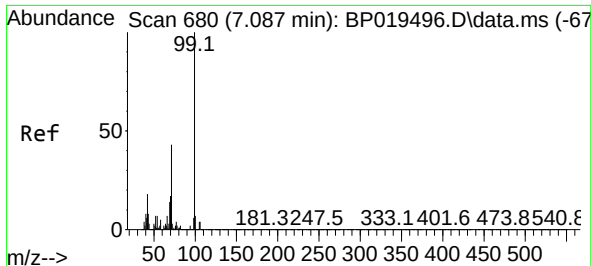
Tgt Ion:112 Resp: 482790  
Ion Ratio Lower Upper  
112 100  
64 60.3 47.4 71.0  
63 33.2 27.0 40.6



#6  
Aniline  
Concen: 39.307 ng  
RT: 7.240 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 93 Resp: 307831  
Ion Ratio Lower Upper  
93 100  
66 41.1 32.3 48.5  
65 19.5 16.4 24.6

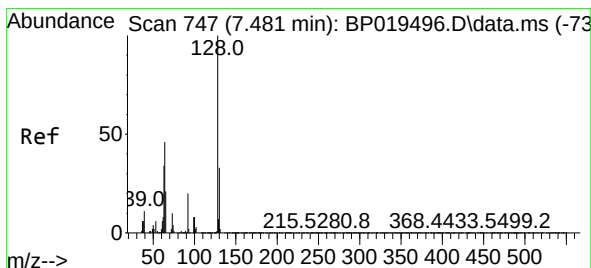
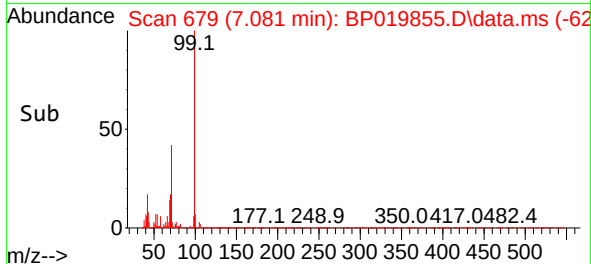
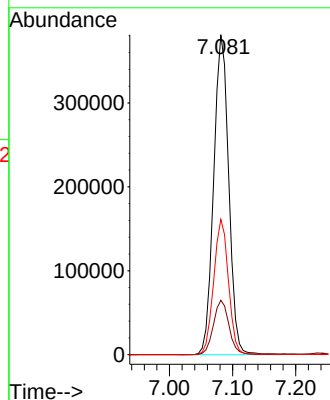
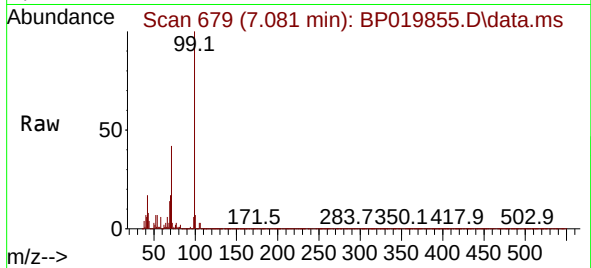




#7  
Phenol-d6  
Concen: 78.307 ng  
RT: 7.081 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

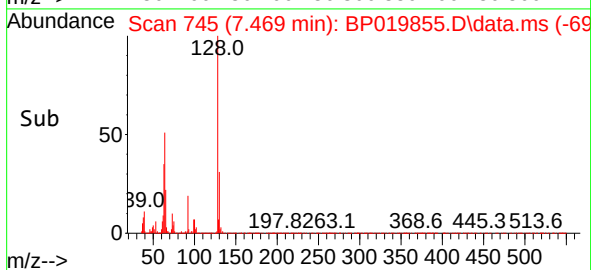
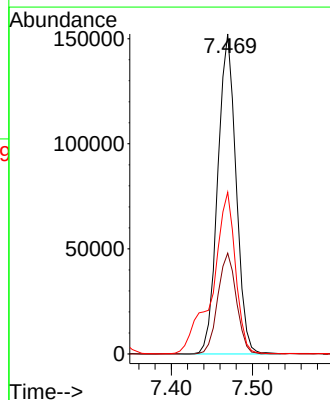
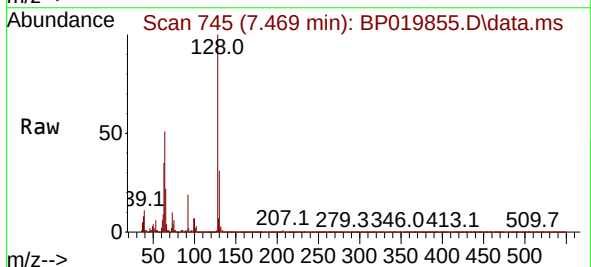
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

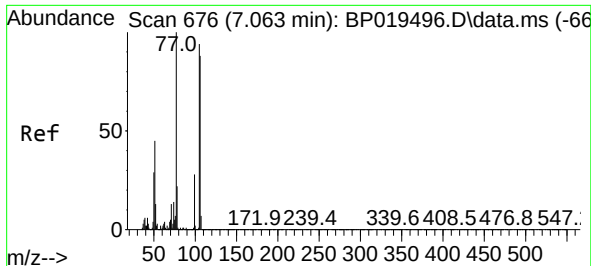
Tgt Ion: 99 Resp: 631128  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.7 22.1  
71 42.3 34.8 52.2



#8  
2-Chlorophenol  
Concen: 38.780 ng  
RT: 7.469 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 128 Resp: 237985  
Ion Ratio Lower Upper  
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130 31.5 13.3 53.3  
64 50.5 29.7 69.7

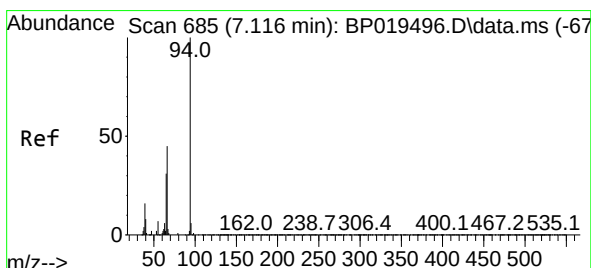
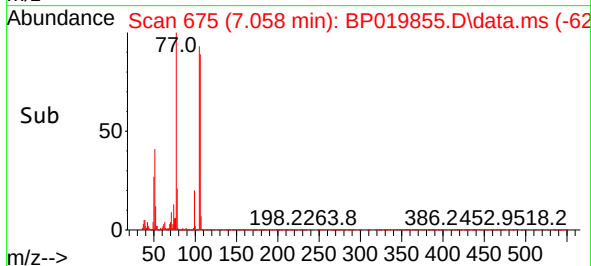
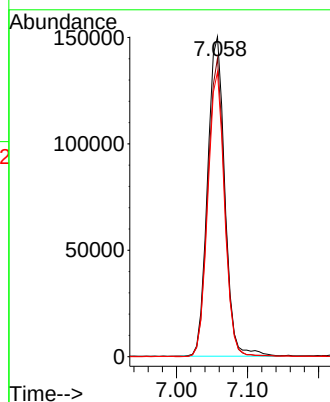
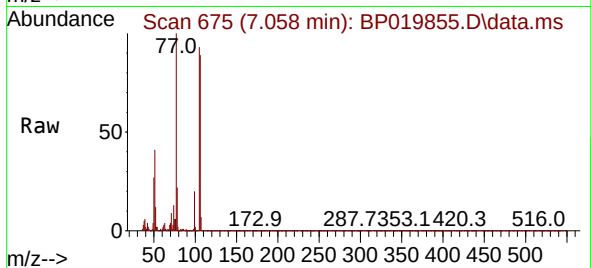




#9  
Benzaldehyde  
Concen: 44.910 ng  
RT: 7.058 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

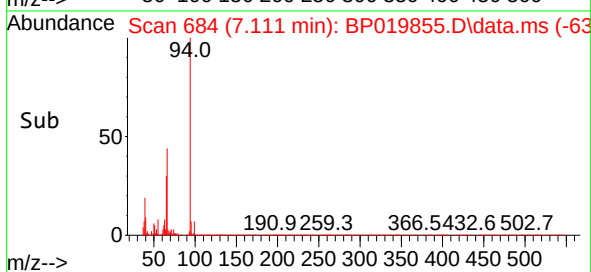
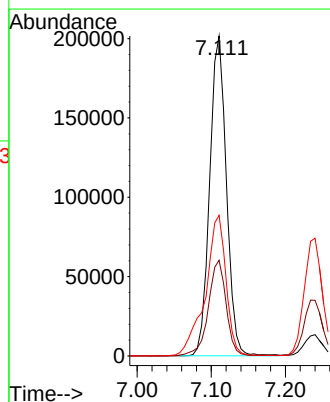
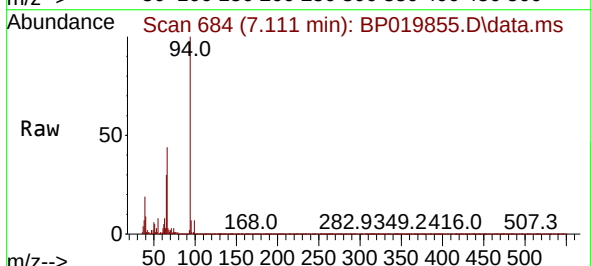
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 253776  
Ion Ratio Lower Upper  
77 100  
105 93.3 74.0 114.0  
106 89.0 67.8 107.8

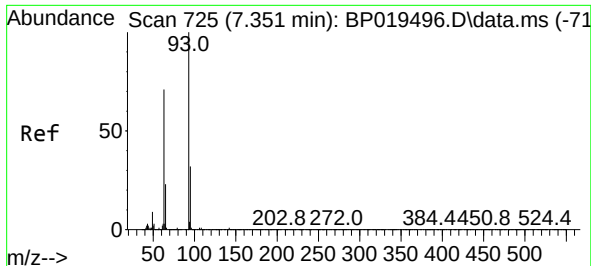


#10  
Phenol  
Concen: 39.331 ng  
RT: 7.111 min Scan# 684  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 94 Resp: 315944  
Ion Ratio Lower Upper  
94 100  
65 29.9 11.3 51.3  
66 44.0 25.1 65.1



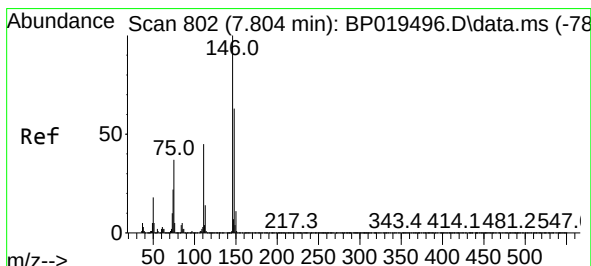
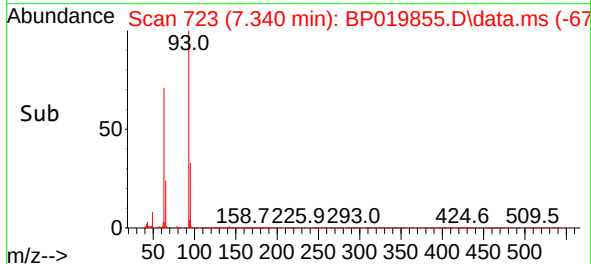
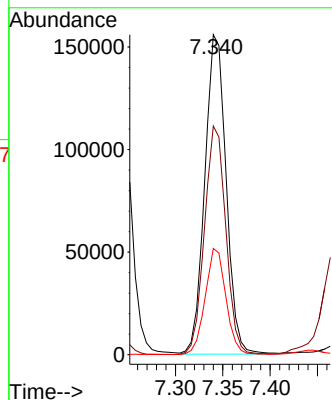
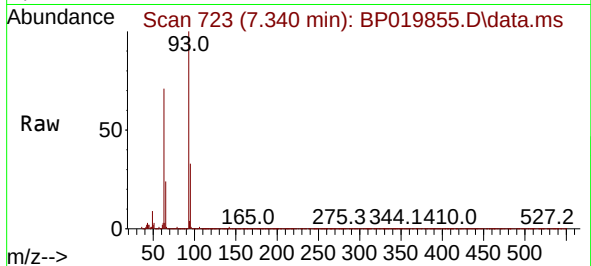




#11  
bis(2-Chloroethyl)ether  
Concen: 39.026 ng  
RT: 7.340 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

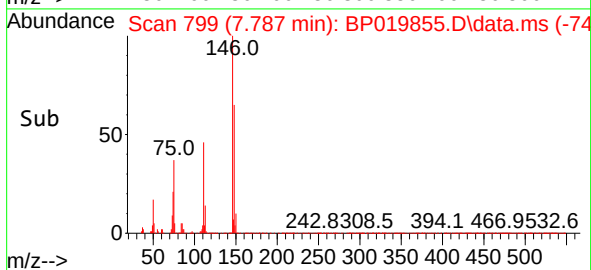
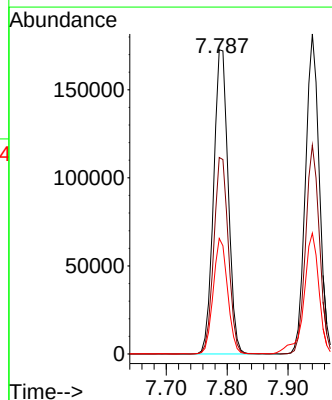
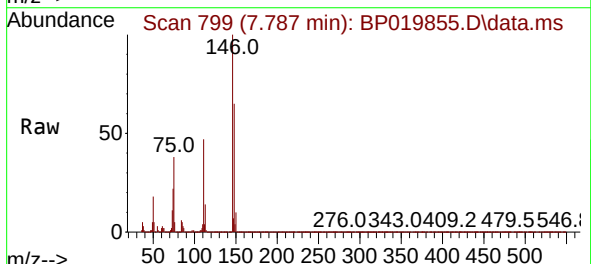
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

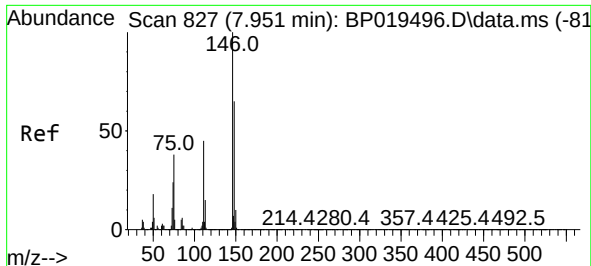
Tgt Ion: 93 Resp: 243898  
Ion Ratio Lower Upper  
93 100  
63 71.5 51.2 91.2  
95 33.2 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 38.320 ng  
RT: 7.787 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:146 Resp: 287750  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.4 75.6  
75 38.0 29.9 44.9

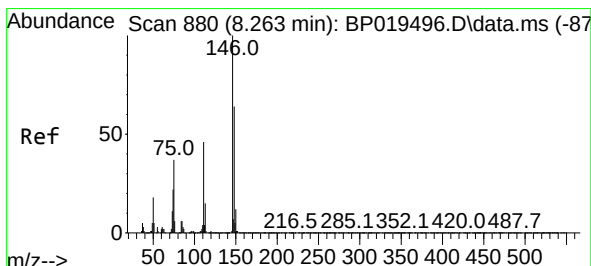
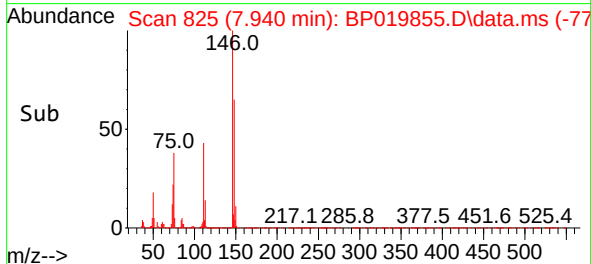
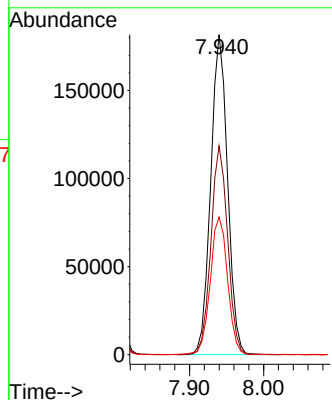
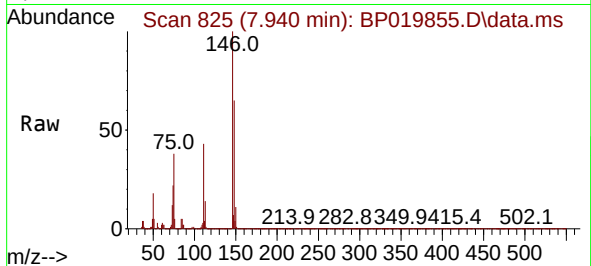




#13  
1,4-Dichlorobenzene  
Concen: 37.646 ng  
RT: 7.940 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

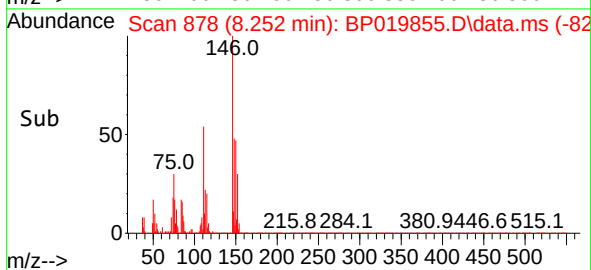
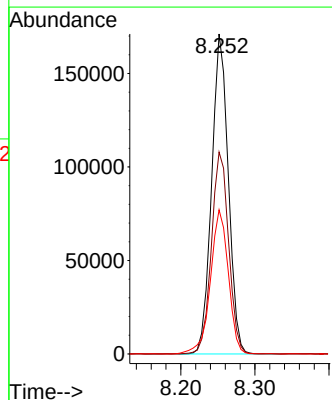
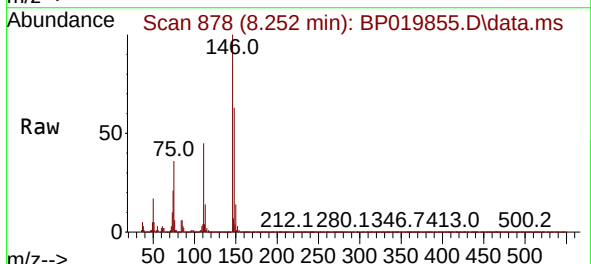
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

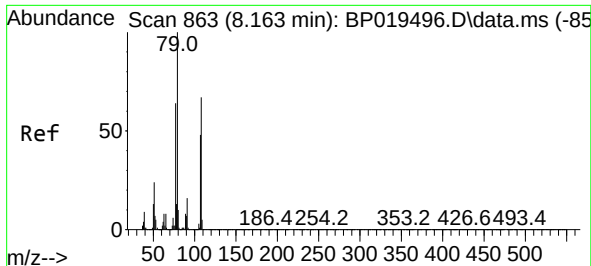
Tgt Ion:146 Resp: 286406  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.9 77.9  
111 43.0 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 36.215 ng  
RT: 8.252 min Scan# 878  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:146 Resp: 266574  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.4 77.0  
111 45.0 37.0 55.6

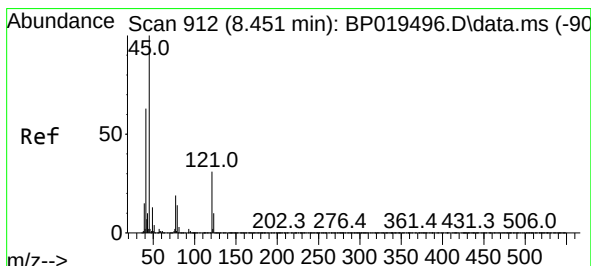
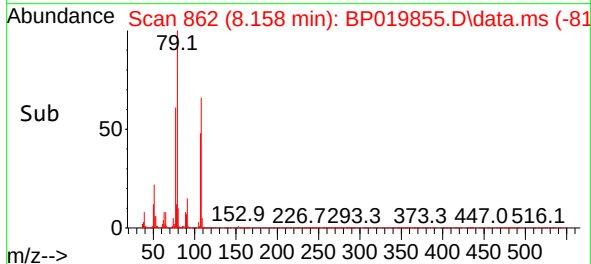
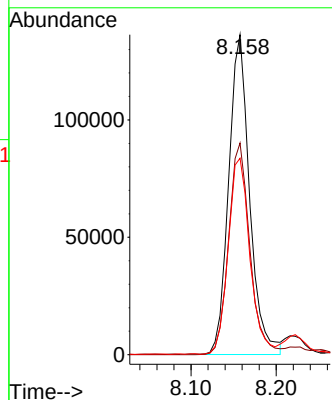
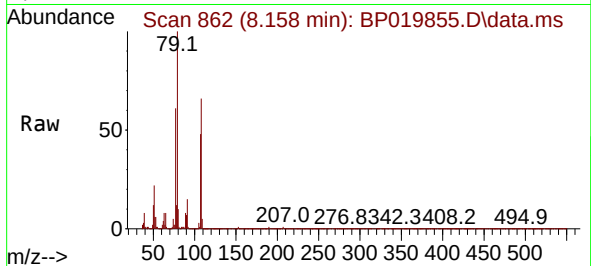




#15  
Benzyl Alcohol  
Concen: 36.177 ng  
RT: 8.158 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

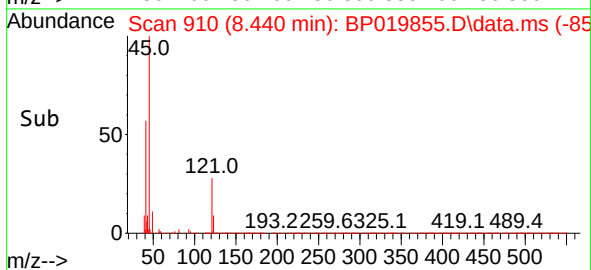
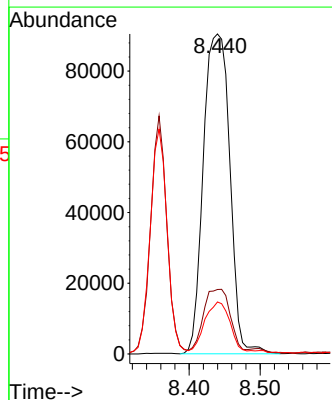
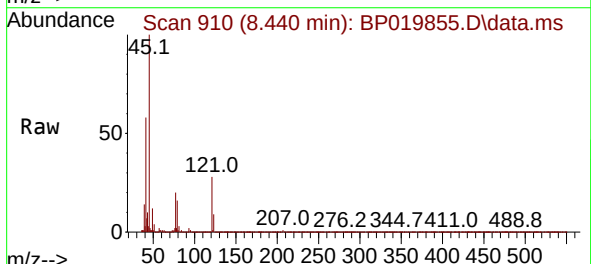
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

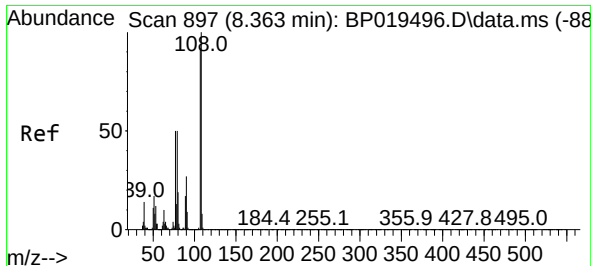
Tgt Ion: 79 Resp: 232971  
Ion Ratio Lower Upper  
79 100  
108 66.2 53.8 80.6  
77 61.4 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.527 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 45 Resp: 234524  
Ion Ratio Lower Upper  
45 100  
77 20.2 0.8 40.8  
79 16.3 0.0 35.5

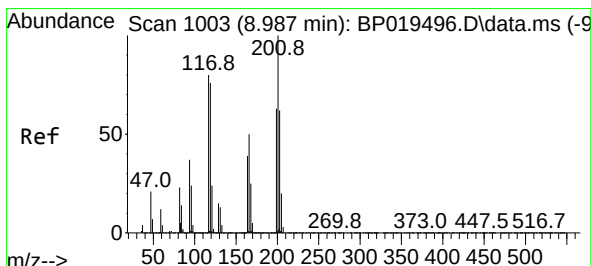
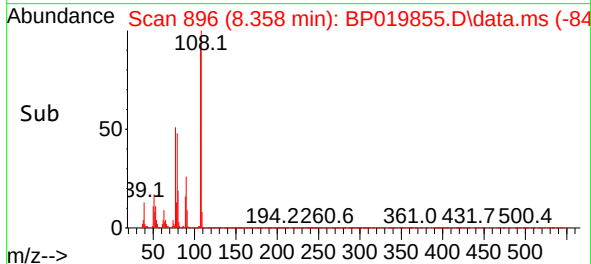
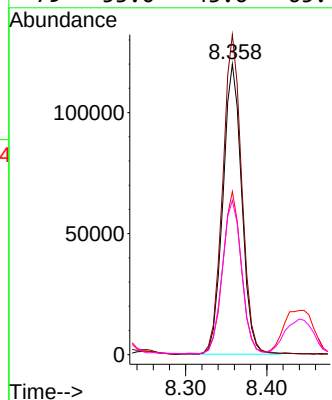
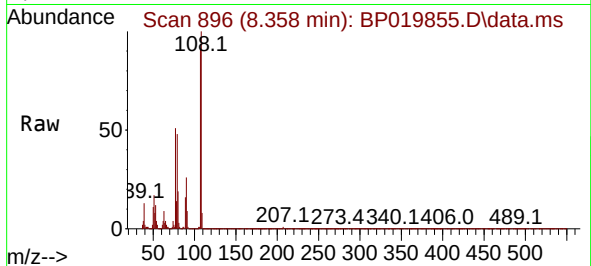




#17  
2-Methylphenol  
Concen: 35.646 ng  
RT: 8.358 min Scan# 897  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

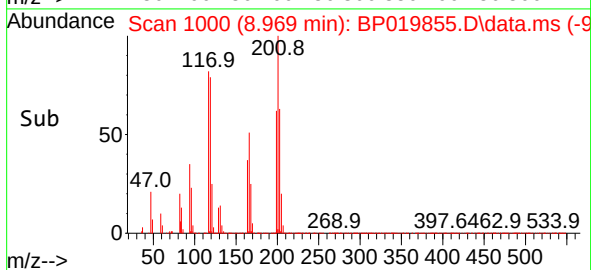
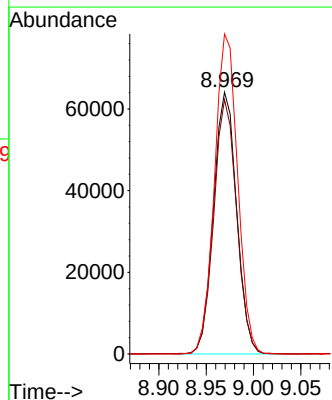
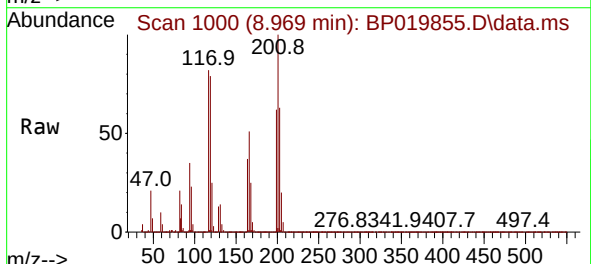
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

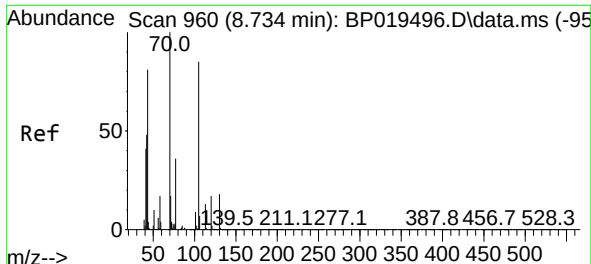
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 192778 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.1 | 87.0  | 130.6  |
| 77       | 56.1  | 43.5  | 65.3   |
| 79       | 53.0  | 43.6  | 65.4   |



#18  
Hexachloroethane  
Concen: 36.888 ng  
RT: 8.969 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108777 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.1  | 75.5  | 113.3  |
| 201      | 122.2 | 99.4  | 149.2  |



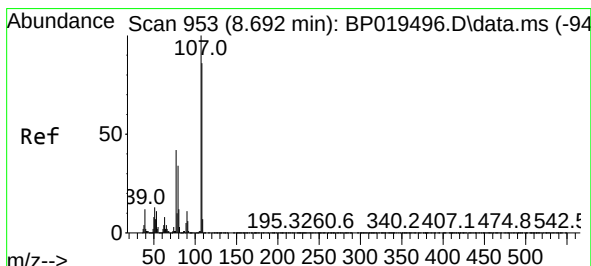
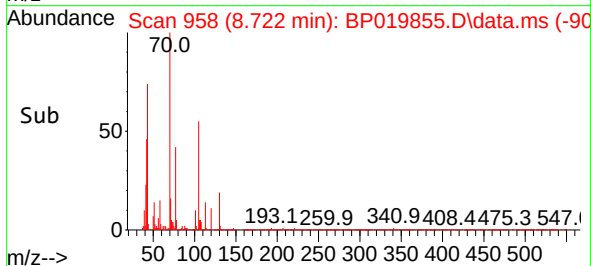
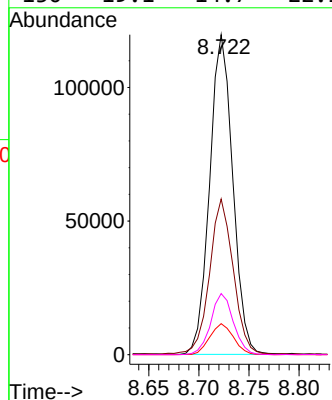
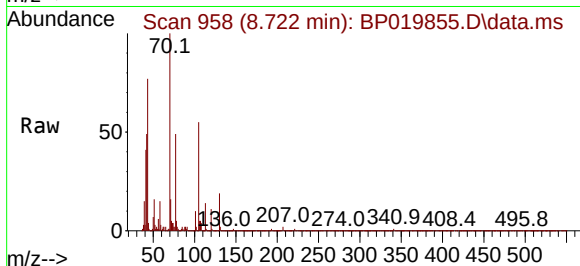


#19  
n-Nitroso-di-n-propylamine  
Concen: 34.887 ng  
RT: 8.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 192057

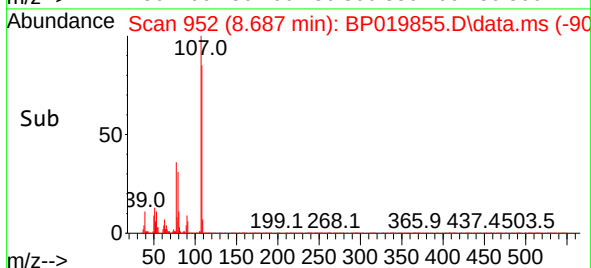
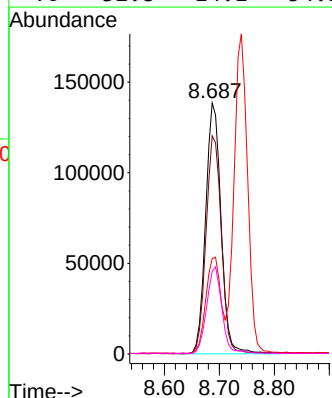
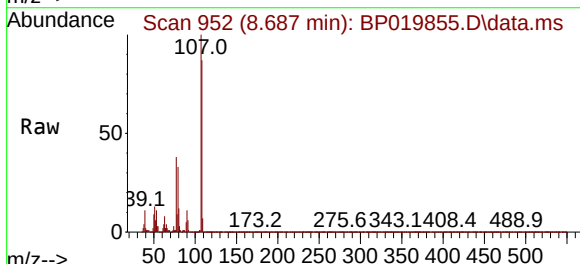
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 48.7  | 39.2  | 58.8  |
| 101 | 9.7   | 7.3   | 10.9  |
| 130 | 19.1  | 14.7  | 22.1  |

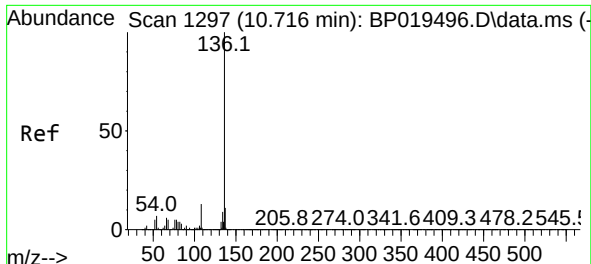


#20  
3+4-Methylphenols  
Concen: 36.468 ng  
RT: 8.687 min Scan# 952  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 107 Resp: 269162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.9  | 65.5  | 105.5 |
| 77  | 38.0  | 21.8  | 61.8  |
| 79  | 32.8  | 14.1  | 54.1  |



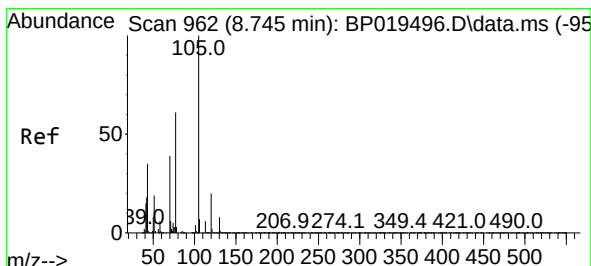
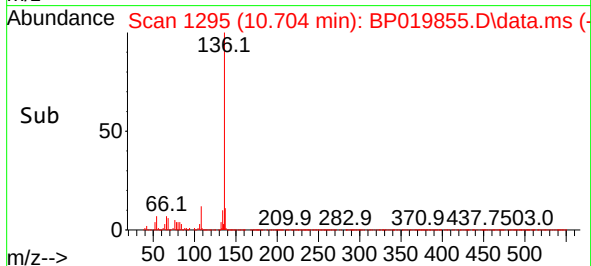
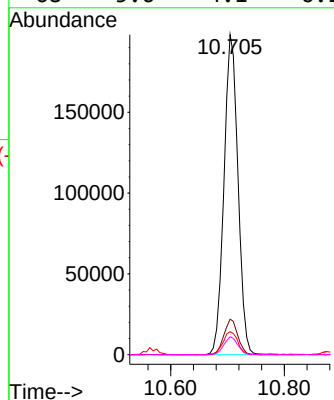
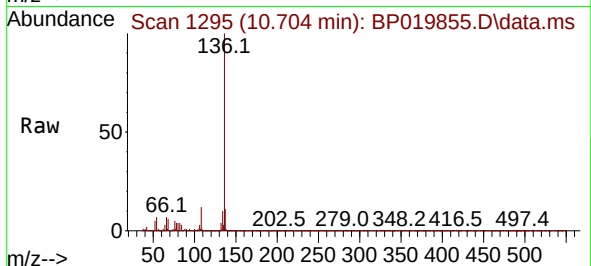


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 339831

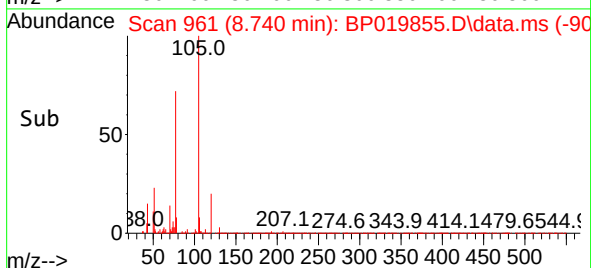
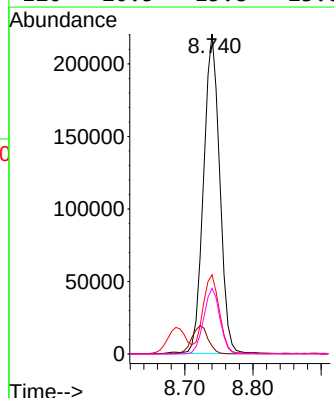
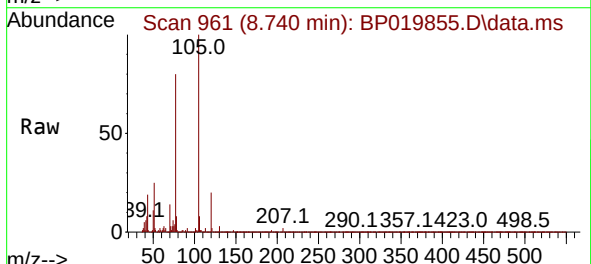
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 7.2   | 5.3   | 7.9   |
| 68  | 5.6   | 4.1   | 6.1   |

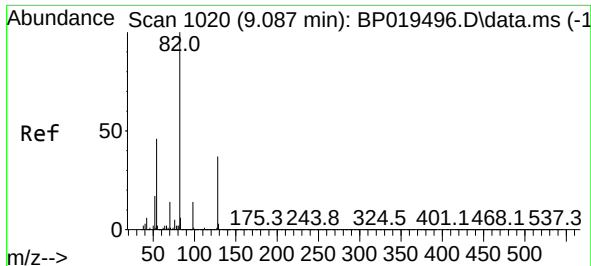


#22  
Acetophenone  
Concen: 37.338 ng  
RT: 8.740 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:105 Resp: 361481

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 2.5   | 4.9   | 7.3#  |
| 51  | 24.8  | 20.7  | 31.1  |
| 120 | 20.5  | 15.8  | 23.8  |





#23

Nitrobenzene-d5

Concen: 77.690 ng

RT: 9.081 min Scan# 1019

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

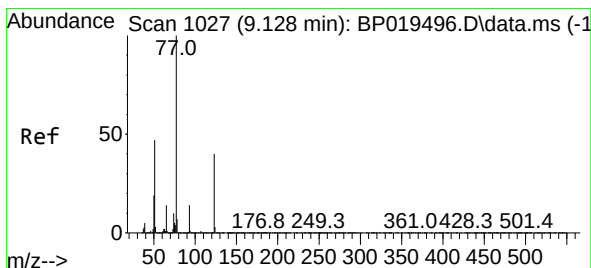
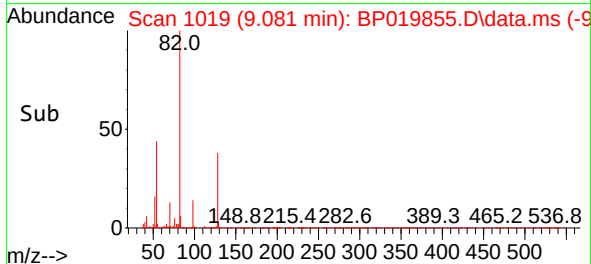
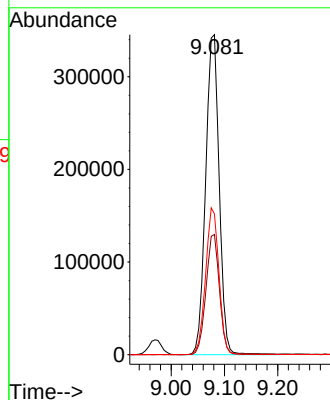
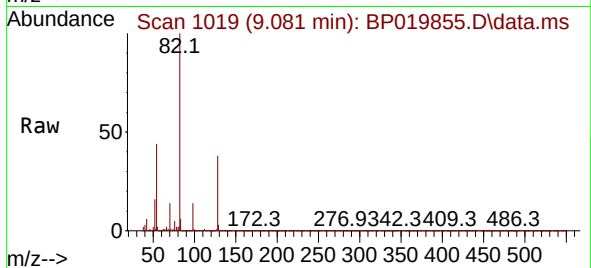
Tgt Ion: 82 Resp: 609292

Ion Ratio Lower Upper

82 100

128 37.6 29.7 44.5

54 44.0 36.8 55.2



#24

Nitrobenzene

Concen: 38.628 ng

RT: 9.122 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

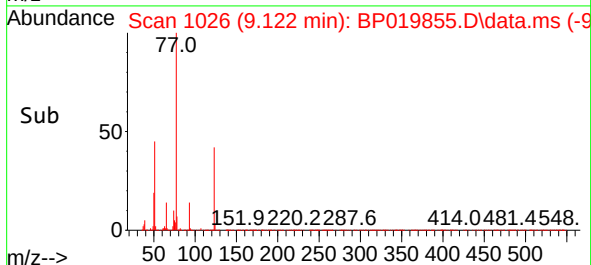
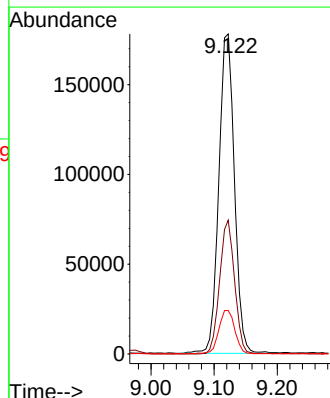
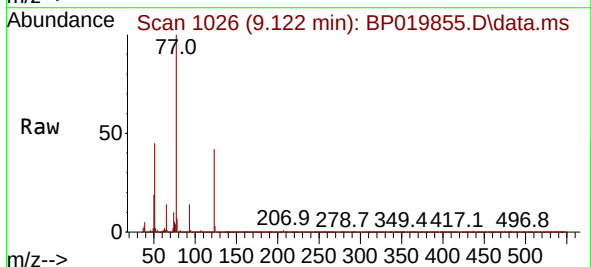
Tgt Ion: 77 Resp: 305015

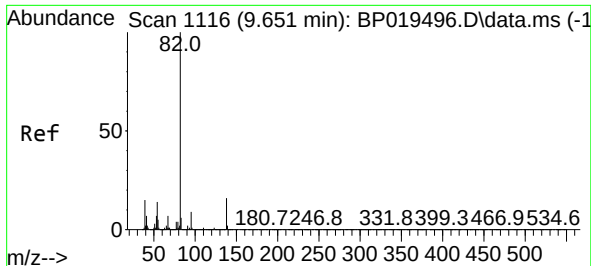
Ion Ratio Lower Upper

77 100

123 41.8 32.3 48.5

65 13.6 11.6 17.4

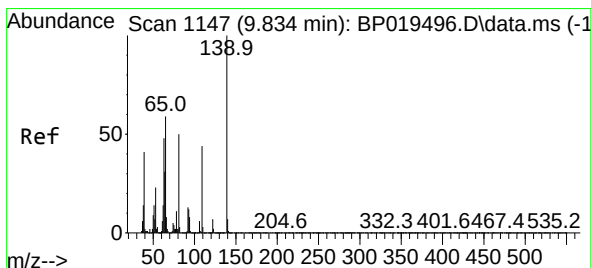
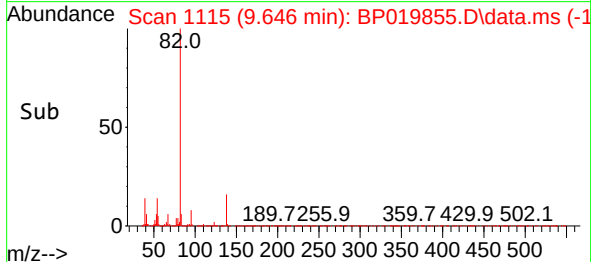
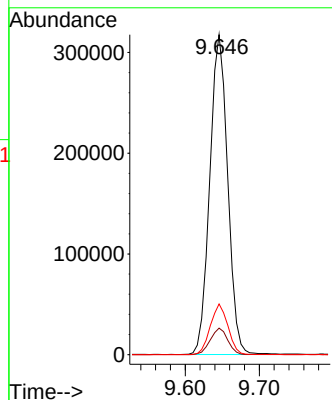
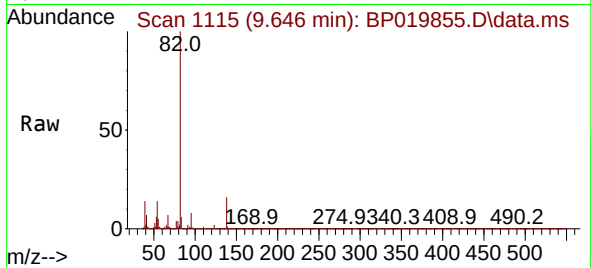




#25  
Isophorone  
Concen: 39.056 ng  
RT: 9.646 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

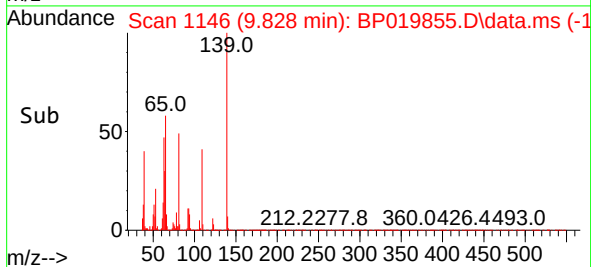
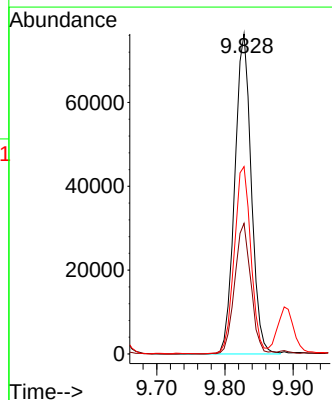
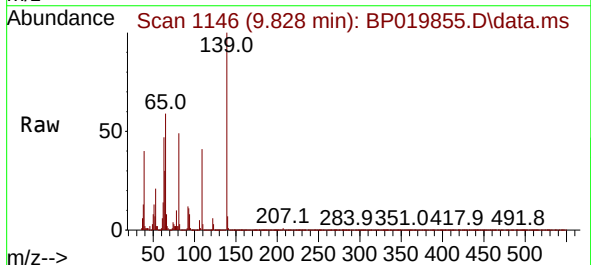
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 533438  
Ion Ratio Lower Upper  
82 100  
95 8.3 7.0 10.4  
138 15.8 13.1 19.7

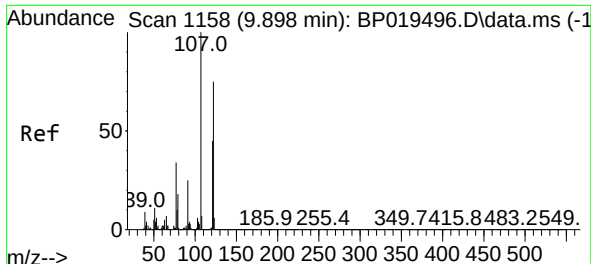


#26  
2-Nitrophenol  
Concen: 42.627 ng  
RT: 9.828 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 139 Resp: 128341  
Ion Ratio Lower Upper  
139 100  
109 40.8 34.9 52.3  
65 58.6 47.5 71.3







#27

2,4-Dimethylphenol

Concen: 38.997 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

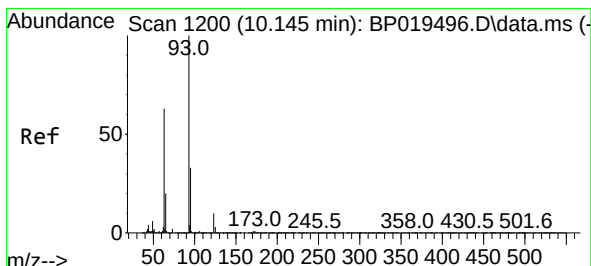
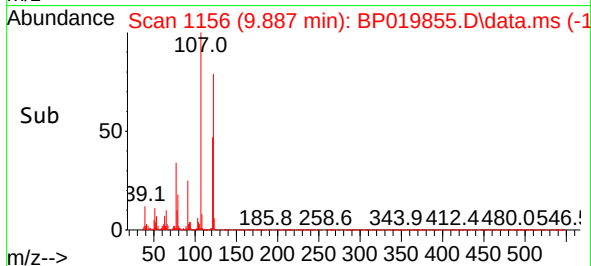
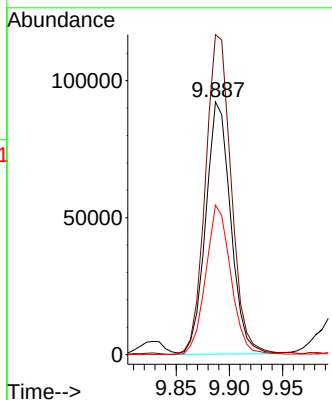
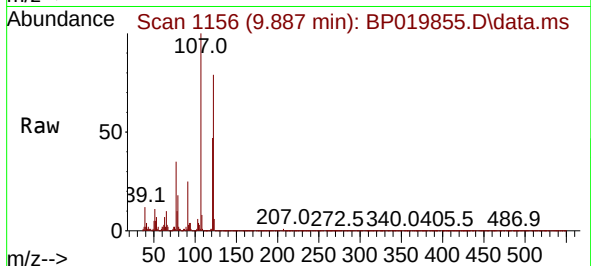
Tgt Ion:122 Resp: 150136

Ion Ratio Lower Upper

122 100

107 126.6 105.9 158.9

121 59.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.646 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

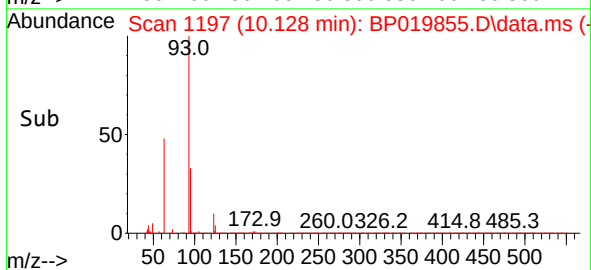
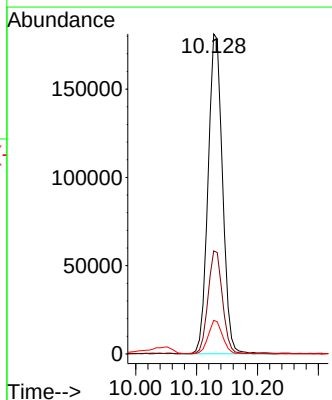
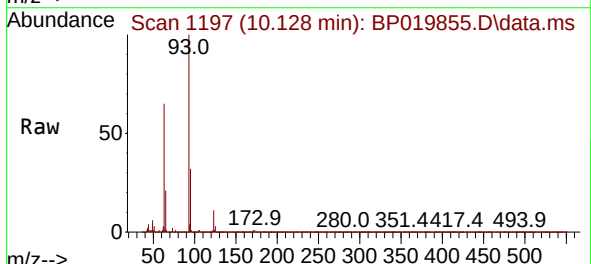
Tgt Ion: 93 Resp: 298646

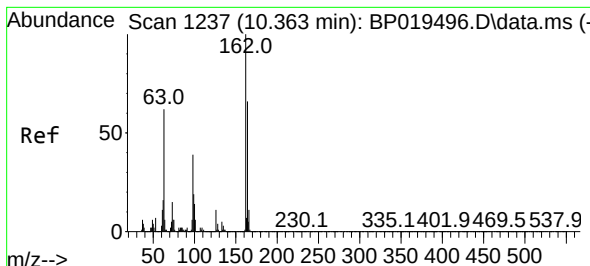
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 10.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 39.072 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

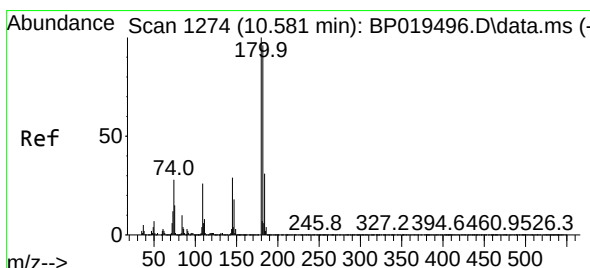
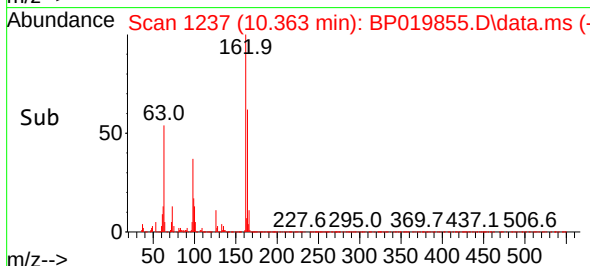
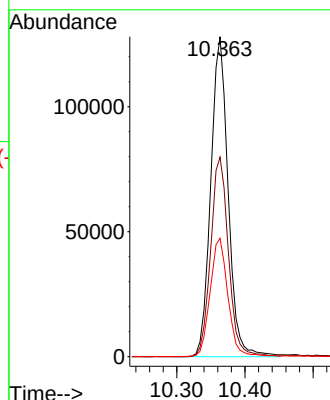
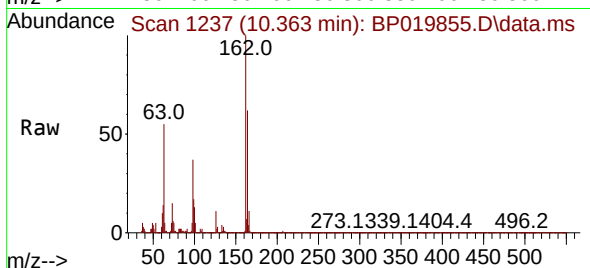
Tgt Ion:162 Resp: 227387

Ion Ratio Lower Upper

162 100

164 62.4 46.0 86.0

98 37.0 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 38.982 ng

RT: 10.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

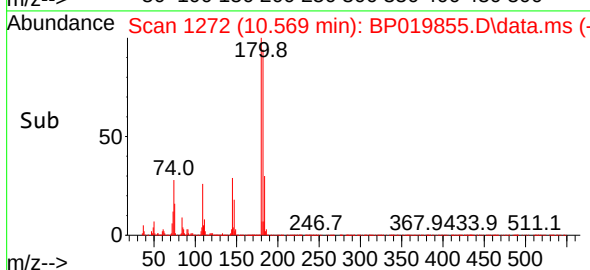
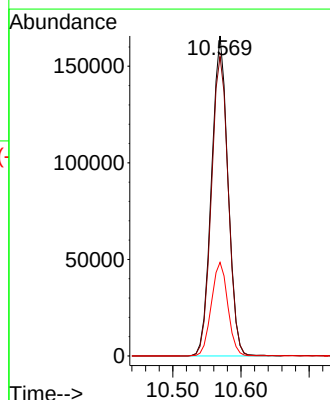
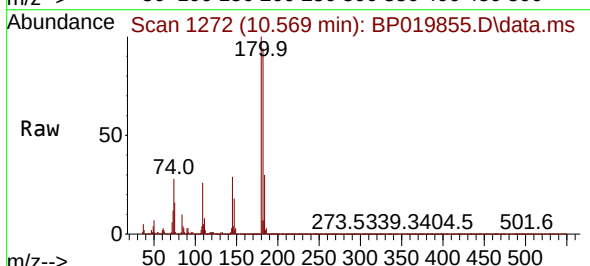
Tgt Ion:180 Resp: 278163

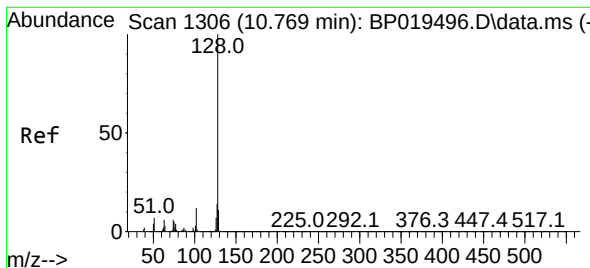
Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.6

145 29.3 23.2 34.8





#31

Naphthalene

Concen: 38.261 ng

RT: 10.757 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

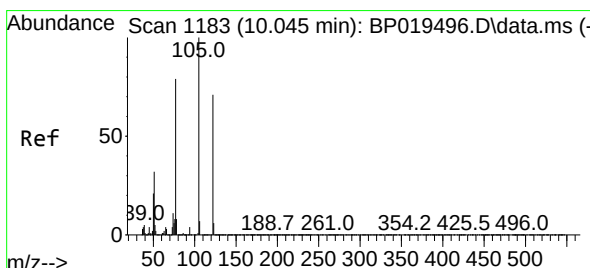
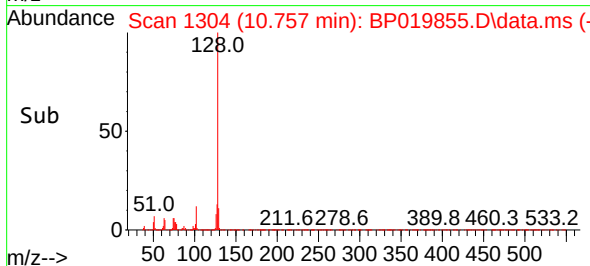
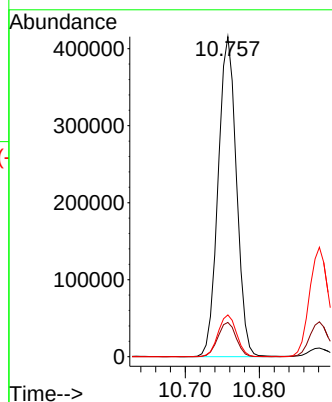
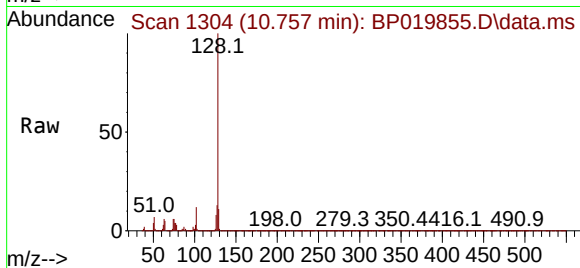
Tgt Ion:128 Resp: 713124

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 44.029 ng

RT: 10.052 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

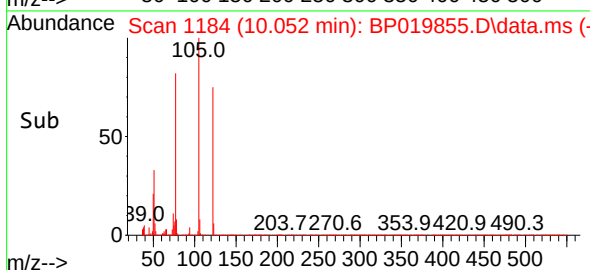
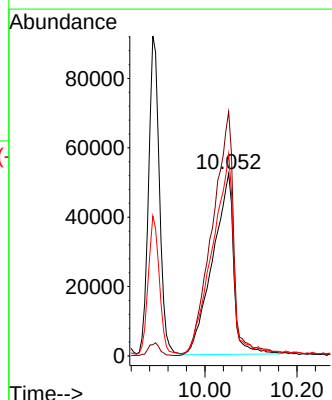
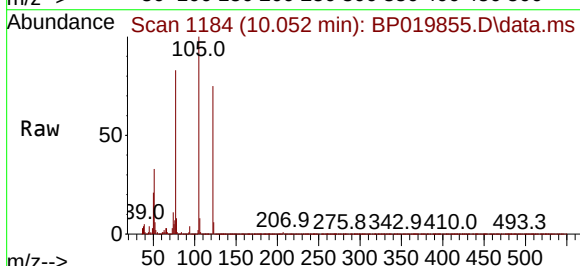
Tgt Ion:122 Resp: 165151

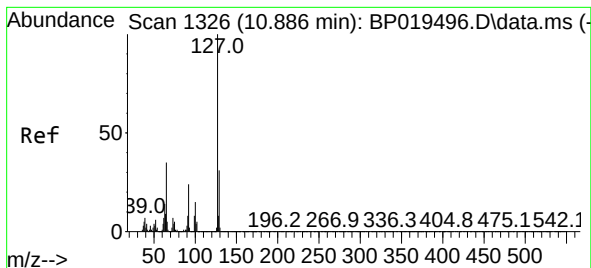
Ion Ratio Lower Upper

122 100

105 133.9 118.8 158.8

77 110.8 91.7 131.7

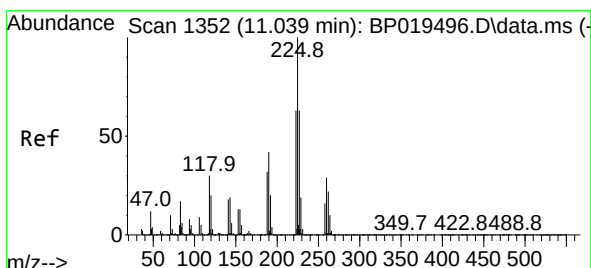
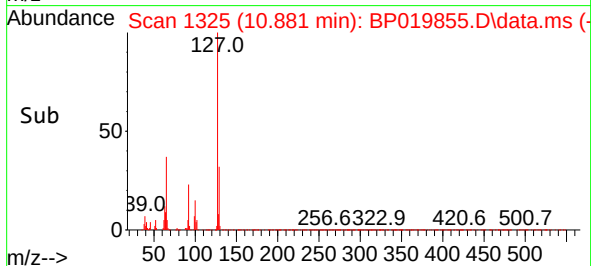
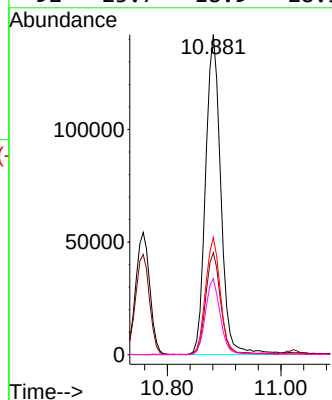
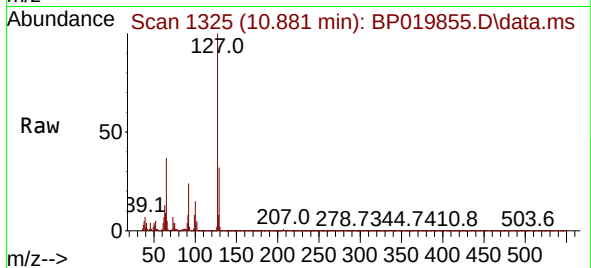




#33  
4-Chloroaniline  
Concen: 38.284 ng  
RT: 10.881 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

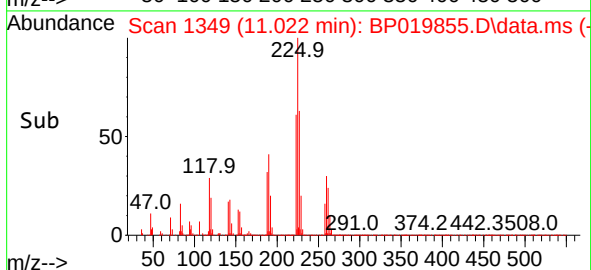
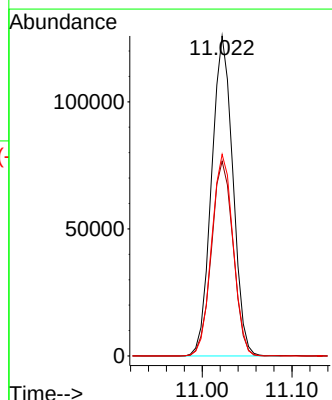
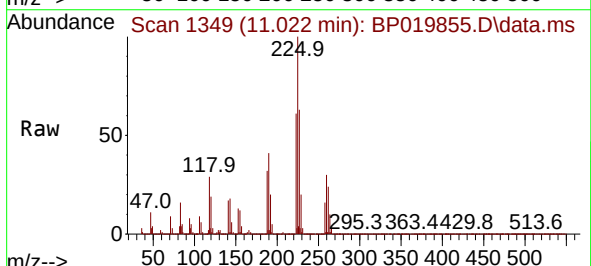
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

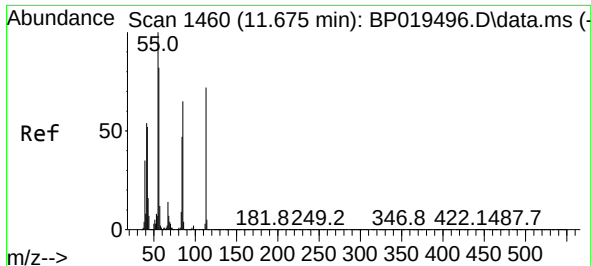
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 263878 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 24.6  | 36.8   |
| 65       | 36.7  | 28.2  | 42.4   |
| 92       | 23.7  | 18.9  | 28.3   |



#34  
Hexachlorobutadiene  
Concen: 39.236 ng  
RT: 11.022 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 207471 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.9  | 50.5  | 75.7   |
| 227      | 63.0  | 50.2  | 75.2   |

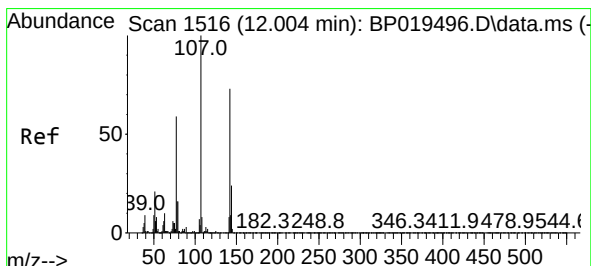
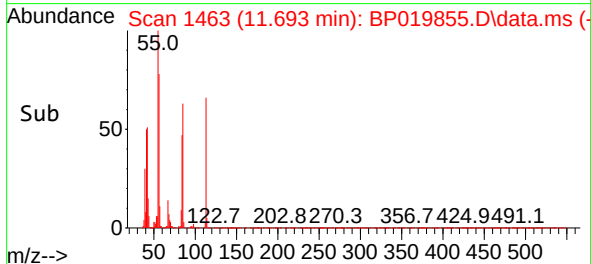
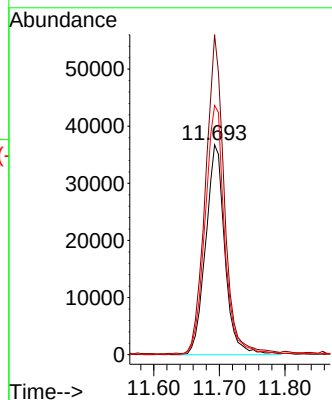
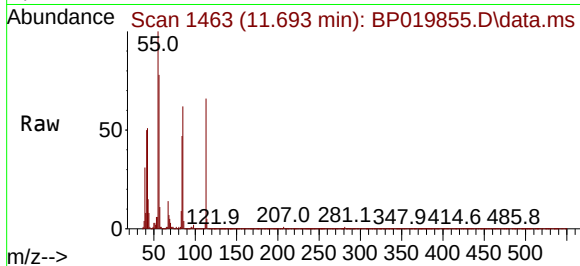




#35  
Caprolactam  
Concen: 45.365 ng  
RT: 11.693 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

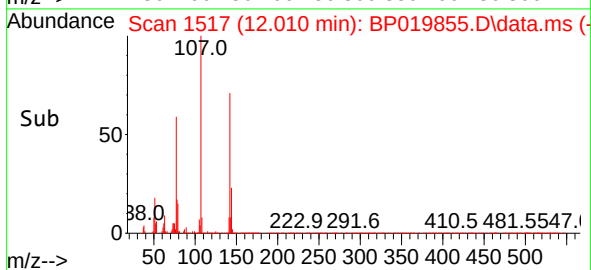
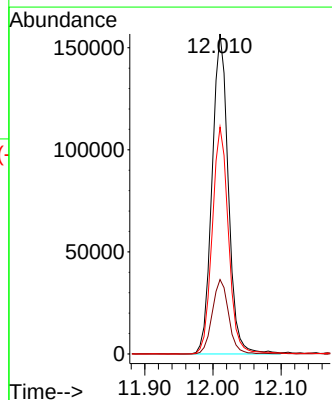
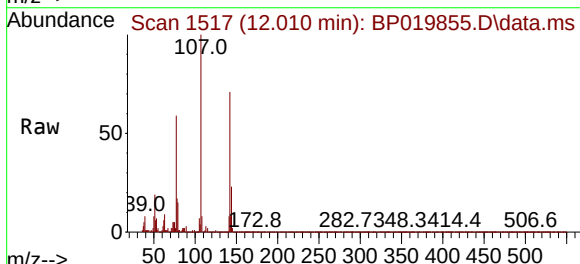
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

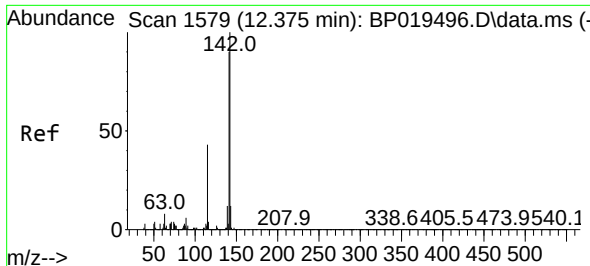
Tgt Ion:113 Resp: 74740  
Ion Ratio Lower Upper  
113 100  
55 152.5 120.0 160.0  
56 118.8 94.0 134.0



#36  
4-Chloro-3-methylphenol  
Concen: 41.086 ng  
RT: 12.010 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:107 Resp: 260722  
Ion Ratio Lower Upper  
107 100  
144 23.3 19.0 28.4  
142 70.9 58.6 88.0

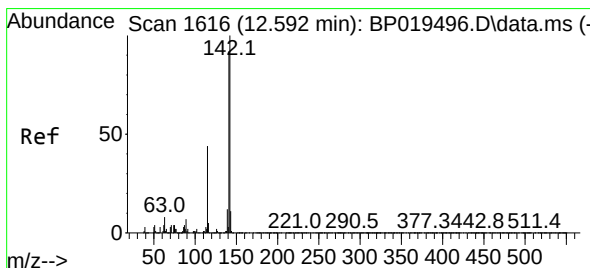
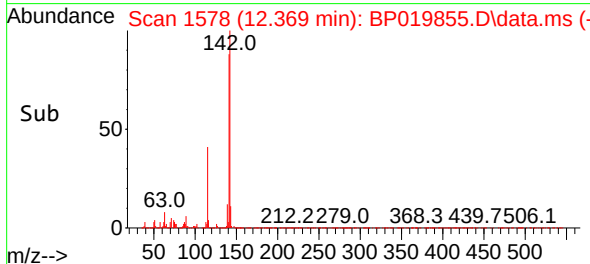
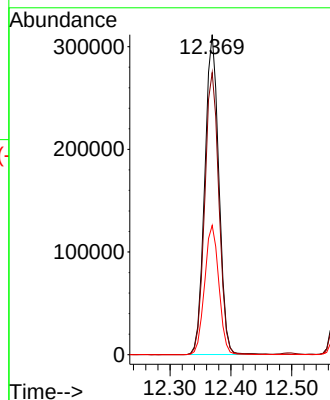
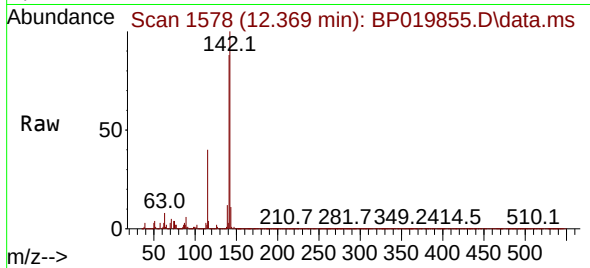




#37  
2-Methylnaphthalene  
Concen: 38.824 ng  
RT: 12.369 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

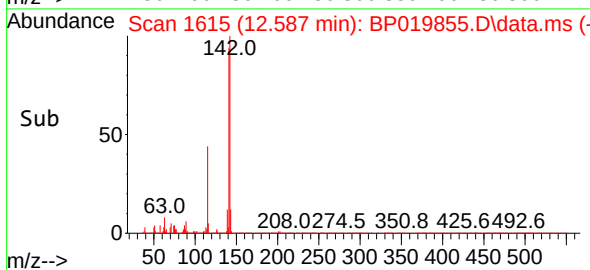
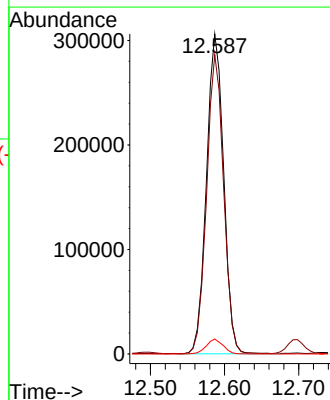
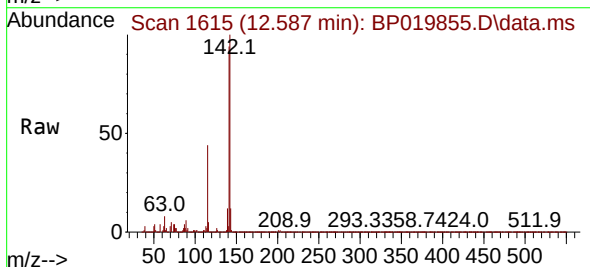
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

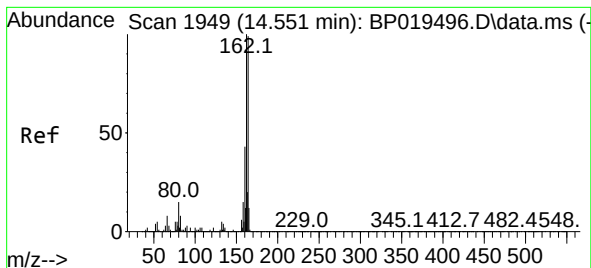
Tgt Ion:142 Resp: 500772  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.2 108.4  
115 40.4 34.2 51.2



#38  
1-Methylnaphthalene  
Concen: 38.925 ng  
RT: 12.587 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:142 Resp: 493391  
Ion Ratio Lower Upper  
142 100  
141 93.5 74.0 111.0  
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1949

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

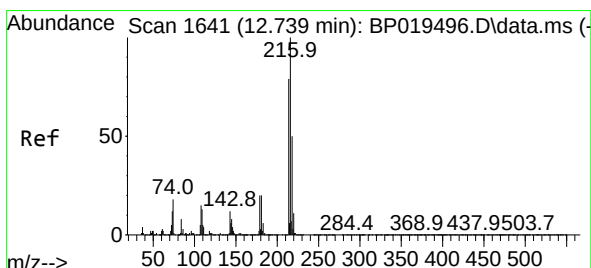
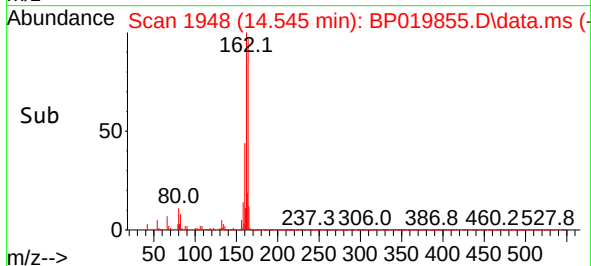
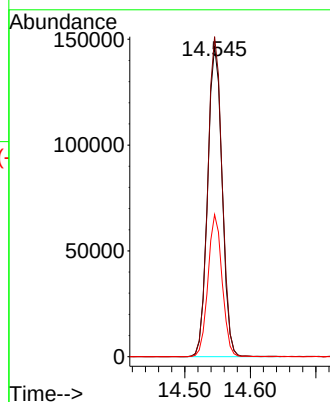
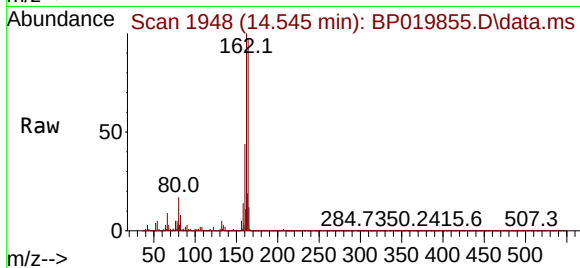
Tgt Ion:164 Resp: 225330

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 45.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.990 ng

RT: 12.734 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Tgt Ion:216 Resp: 321453

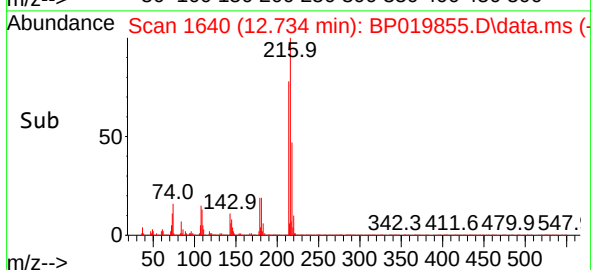
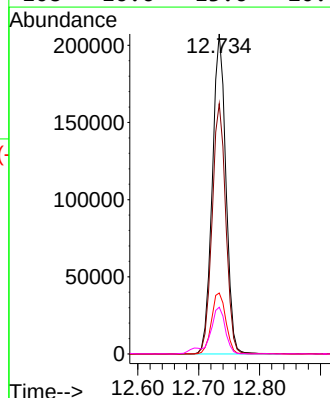
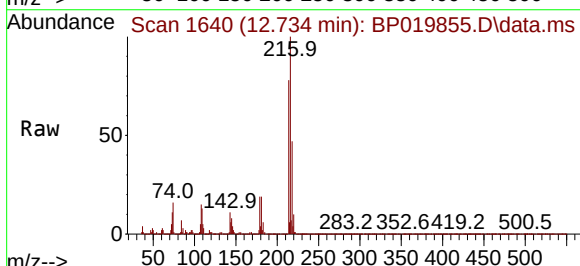
Ion Ratio Lower Upper

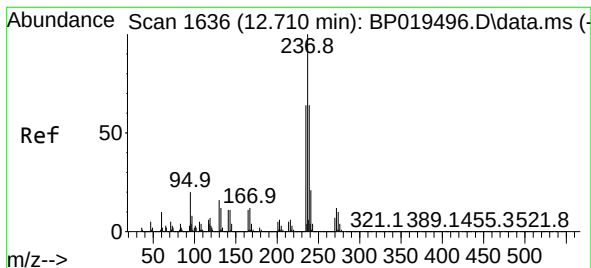
216 100

214 78.6 62.8 94.2

179 20.1 16.6 24.8

108 16.6 13.6 20.4

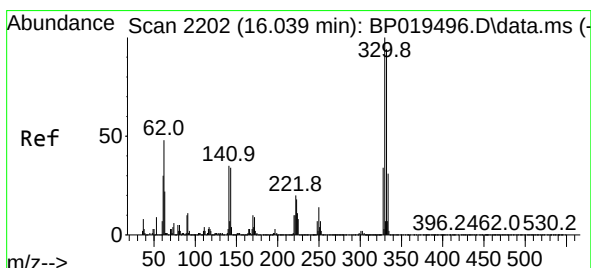
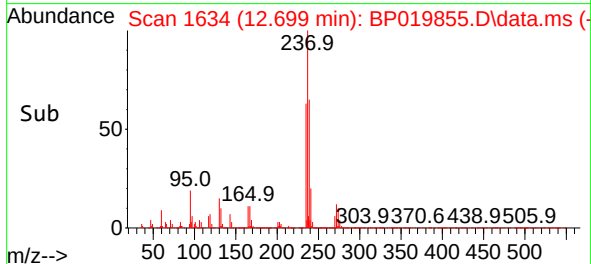
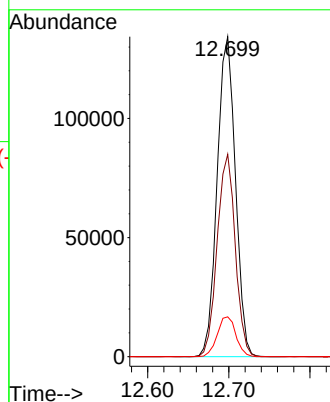
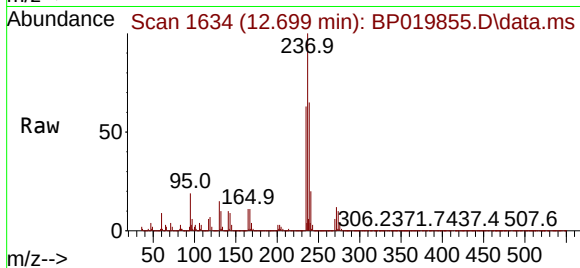




#41  
Hexachlorocyclopentadiene  
Concen: 53.485 ng  
RT: 12.699 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

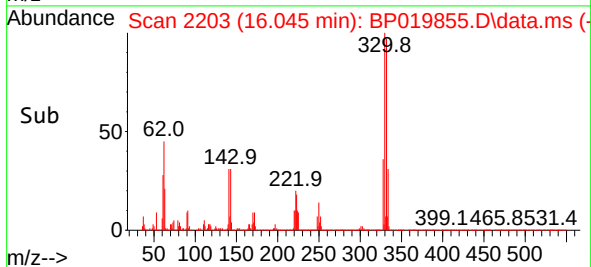
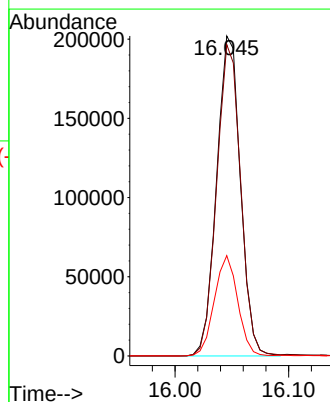
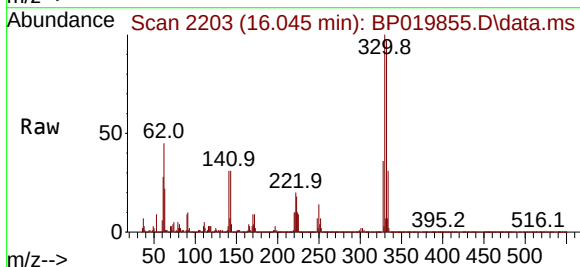
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 209970  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.7 83.7  
272 12.5 0.0 32.4

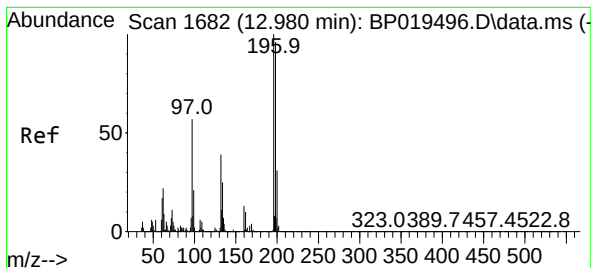


#42  
2,4,6-Tribromophenol  
Concen: 89.519 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:330 Resp: 294516  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.2 115.8  
141 30.8 27.0 40.4







#43

2,4,6-Trichlorophenol

Concen: 38.845 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

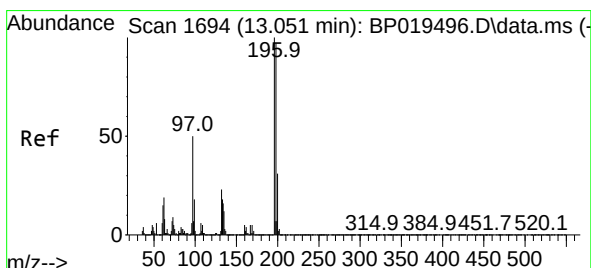
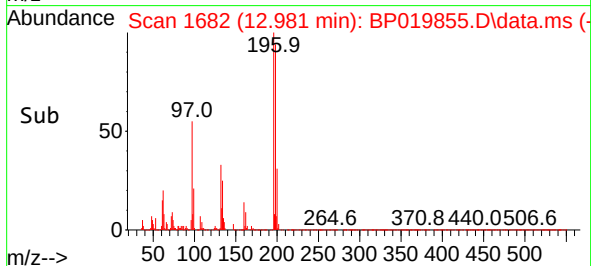
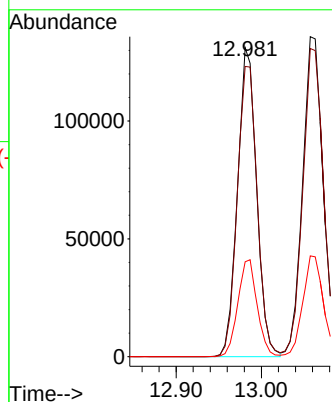
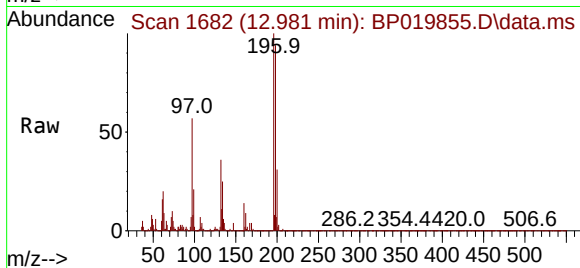
Tgt Ion:196 Resp: 204406

Ion Ratio Lower Upper

196 100

198 93.9 76.7 115.1

200 30.7 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 39.645 ng

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Tgt Ion:196 Resp: 229074

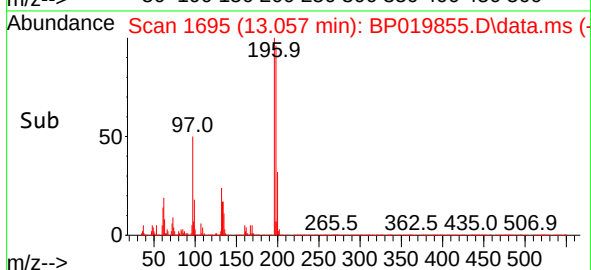
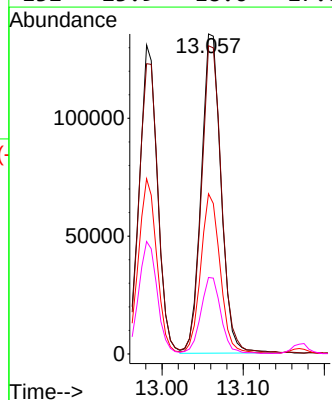
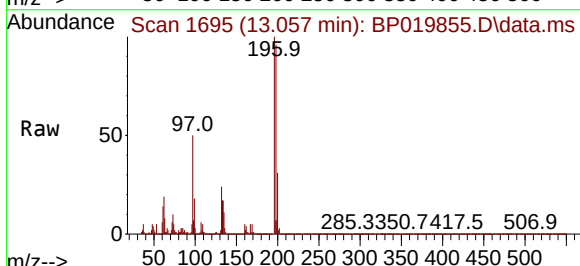
Ion Ratio Lower Upper

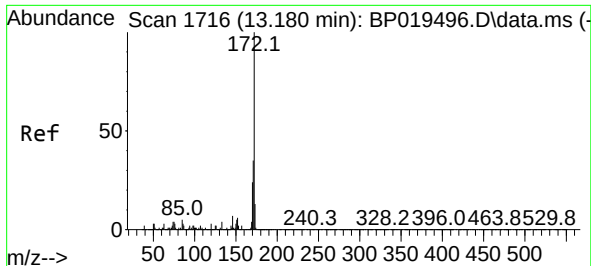
196 100

198 96.3 77.5 116.3

97 50.1 39.9 59.9

132 23.9 18.6 27.8

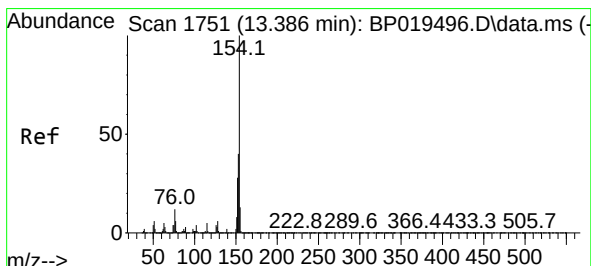
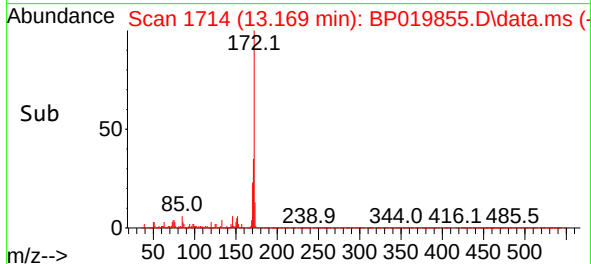
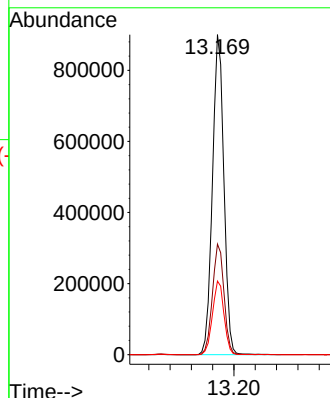
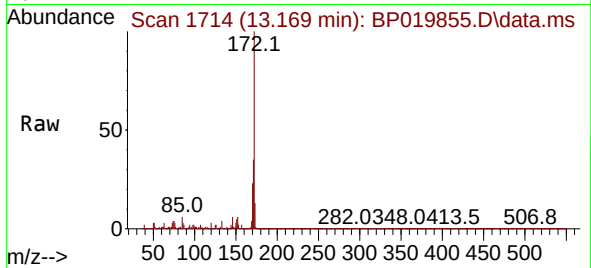




#45  
2-Fluorobiphenyl  
Concen: 73.687 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

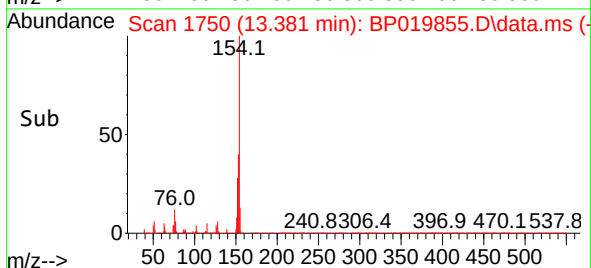
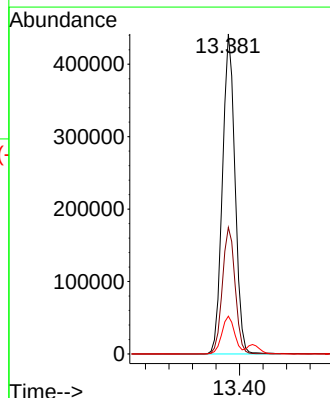
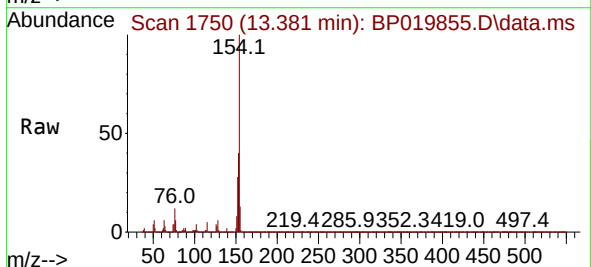
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

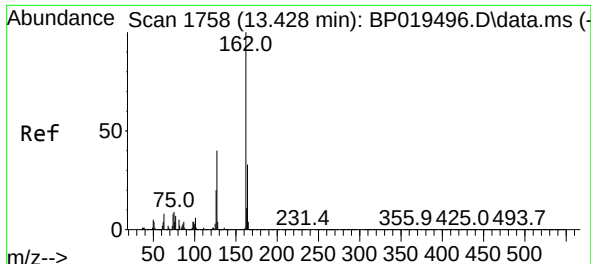
Tgt Ion:172 Resp: 1343118  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.4  
170 23.0 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 36.452 ng  
RT: 13.381 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:154 Resp: 655556  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.2 60.2  
76 11.8 0.0 31.6

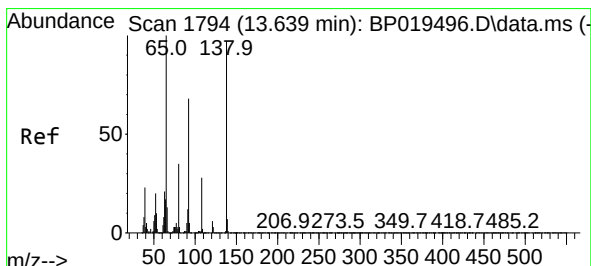
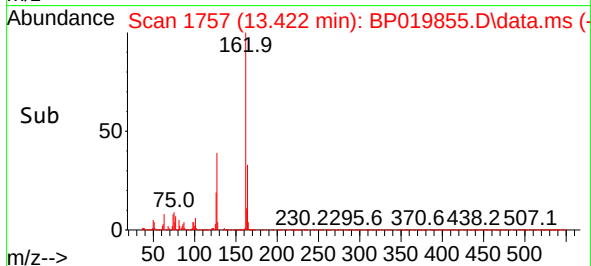
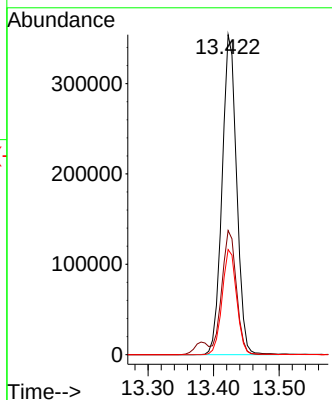
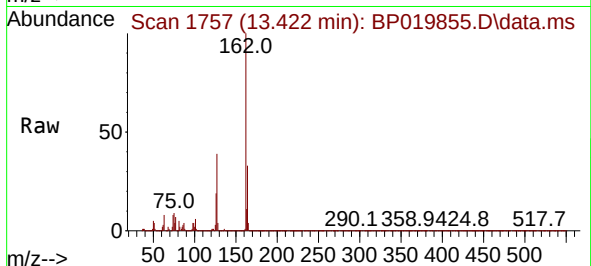




#47  
2-Chloronaphthalene  
Concen: 36.857 ng  
RT: 13.422 min Scan# 1758  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

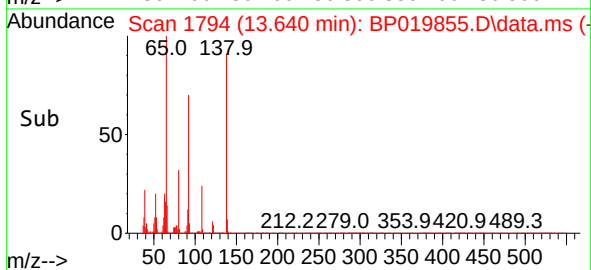
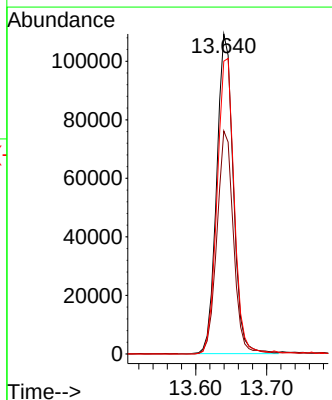
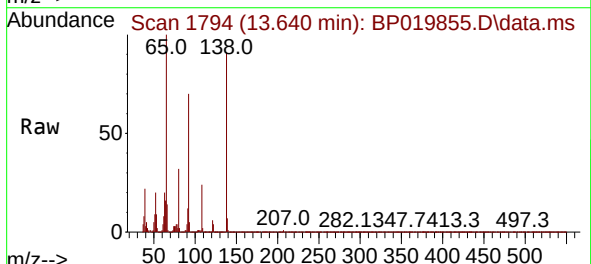
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

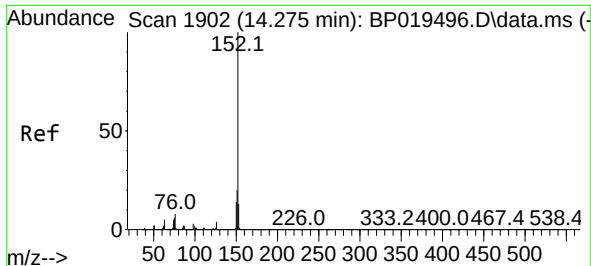
Tgt Ion:162 Resp: 544120  
Ion Ratio Lower Upper  
162 100  
127 38.8 32.1 48.1  
164 32.9 26.7 40.1



#48  
2-Nitroaniline  
Concen: 42.780 ng  
RT: 13.640 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion: 65 Resp: 176598  
Ion Ratio Lower Upper  
65 100  
92 69.7 54.7 82.1  
138 91.5 77.8 116.6

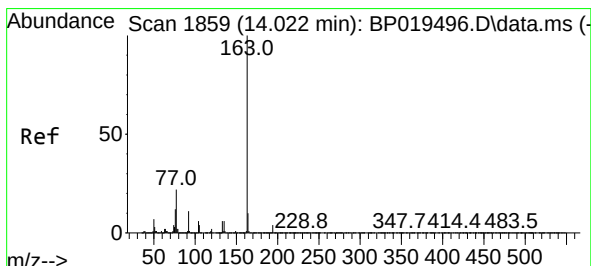
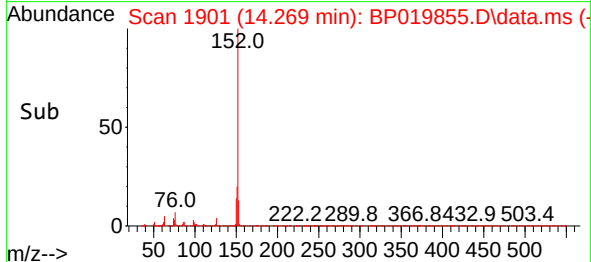
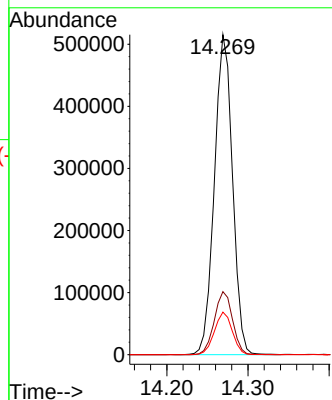
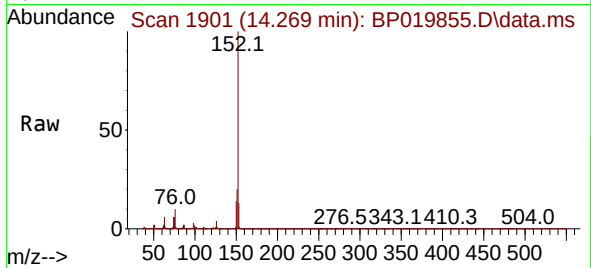




#49  
Acenaphthylene  
Concen: 38.540 ng  
RT: 14.269 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

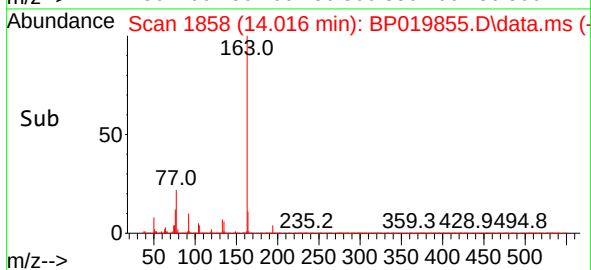
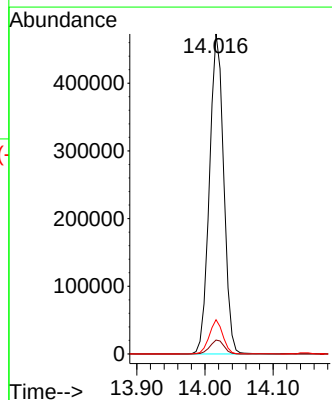
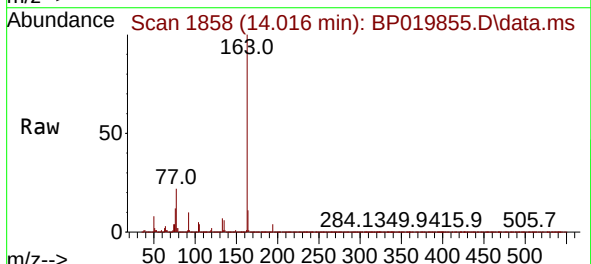
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

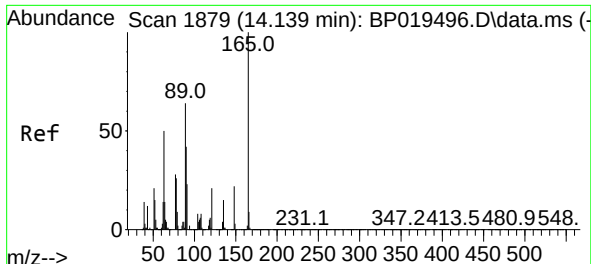
Tgt Ion:152 Resp: 798234  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.3 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.880 ng  
RT: 14.016 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:163 Resp: 687913  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 10.7 7.8 11.6

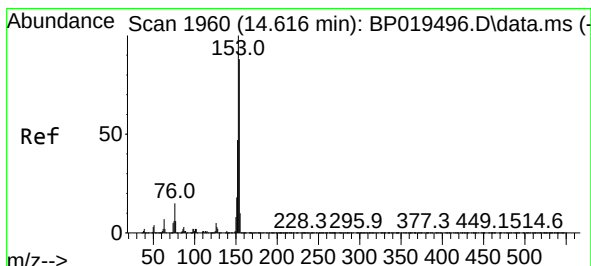
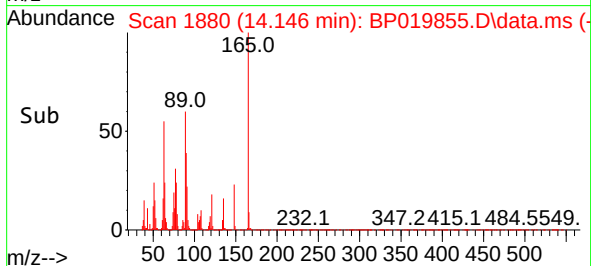
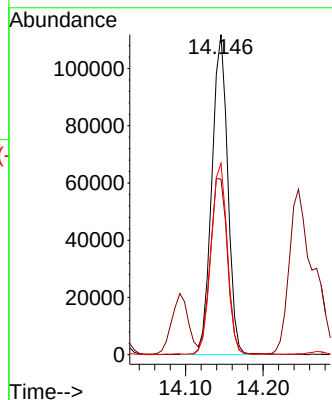
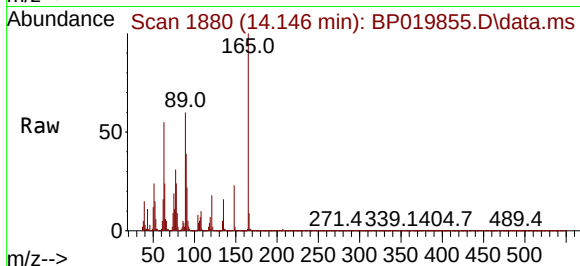




#51  
2,6-Dinitrotoluene  
Concen: 42.171 ng  
RT: 14.146 min Scan# 1879  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

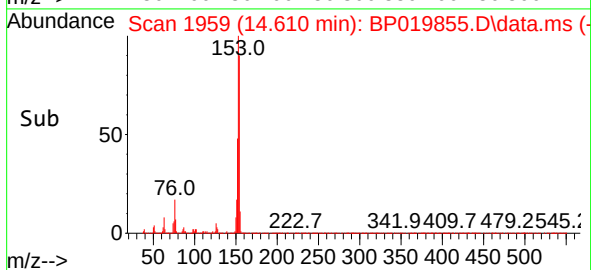
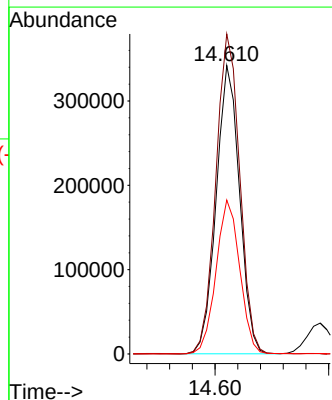
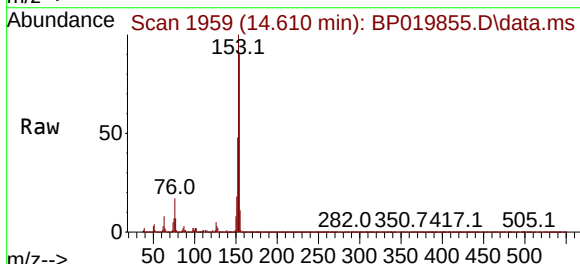
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

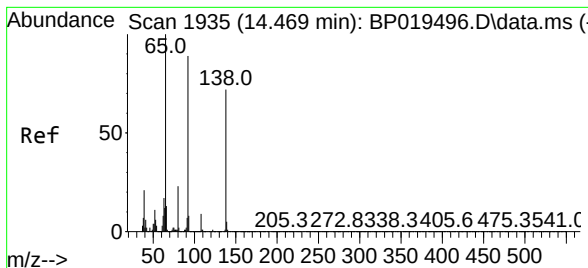
Tgt Ion:165 Resp: 159823  
Ion Ratio Lower Upper  
165 100  
63 54.9 50.4 75.6  
89 59.8 51.7 77.5



#52  
Acenaphthene  
Concen: 38.061 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:154 Resp: 489269  
Ion Ratio Lower Upper  
154 100  
153 110.9 90.5 135.7  
152 53.4 42.1 63.1

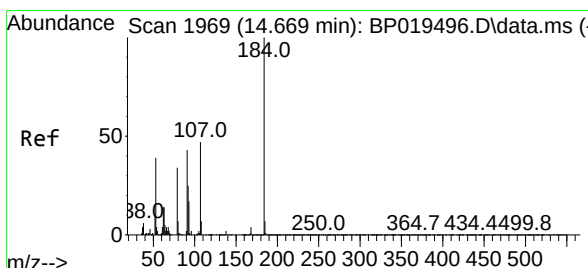
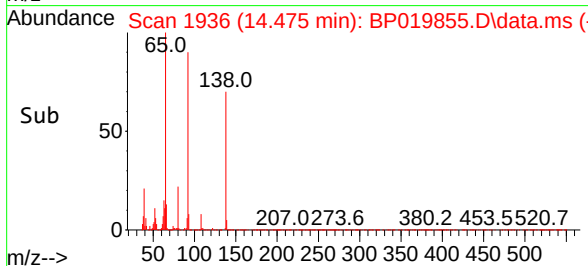
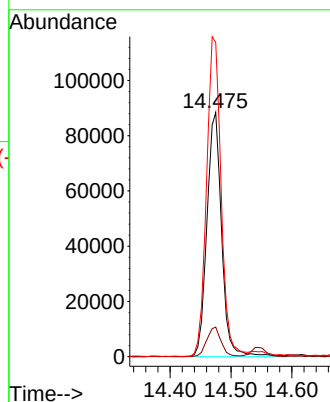
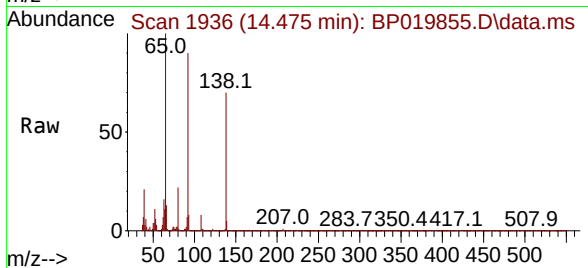




#53  
3-Nitroaniline  
Concen: 42.536 ng  
RT: 14.475 min Scan# 1935  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

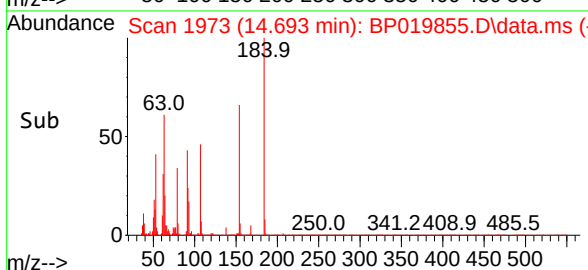
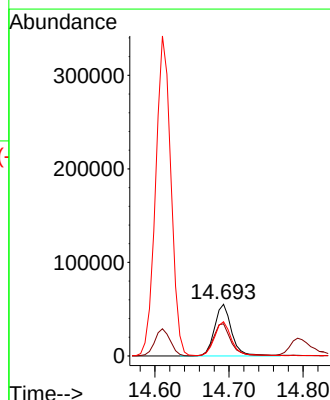
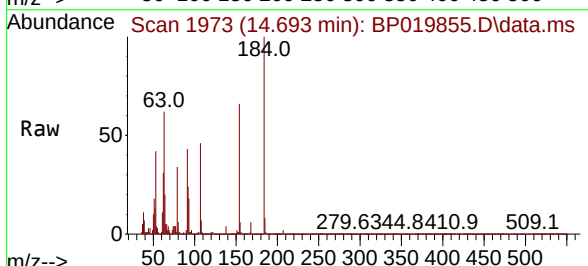
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

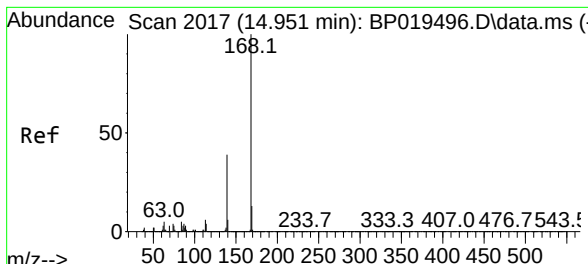
Tgt Ion:138 Resp: 148150  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.7 14.5  
92 128.6 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 44.599 ng  
RT: 14.693 min Scan# 1973  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:184 Resp: 87759  
Ion Ratio Lower Upper  
184 100  
63 62.2 50.5 75.7  
154 66.2 53.4 80.0

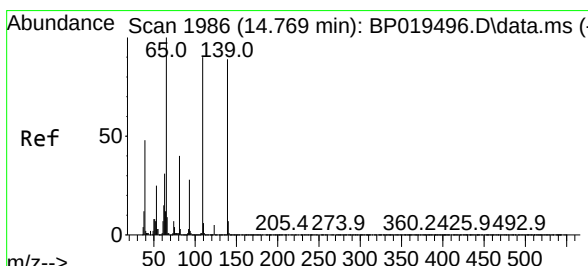
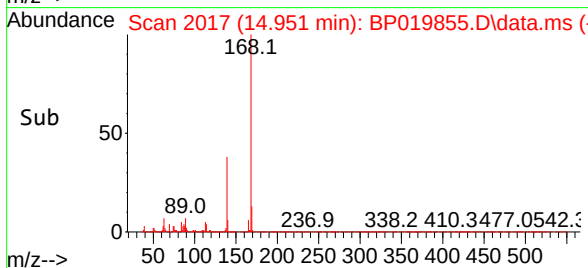
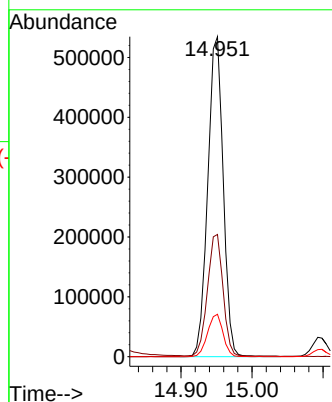
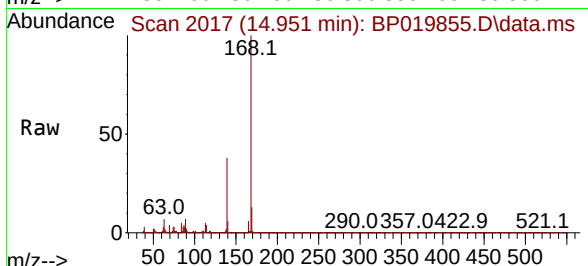




#55  
 Dibenzenofuran  
 Concen: 38.592 ng  
 RT: 14.951 min Scan# 2017  
 Delta R.T. 0.006 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

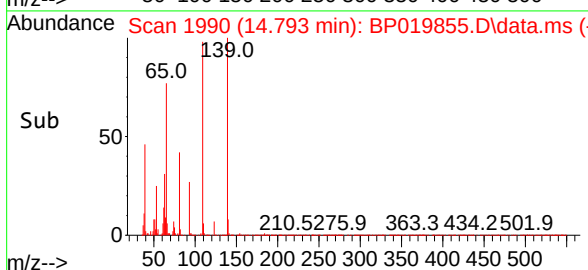
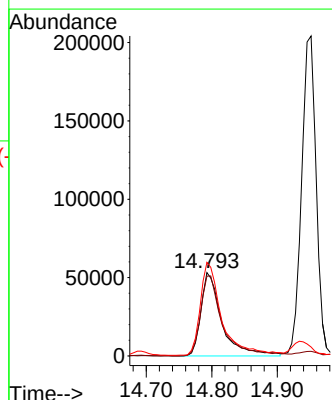
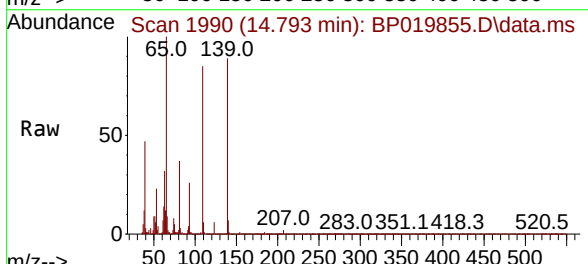
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

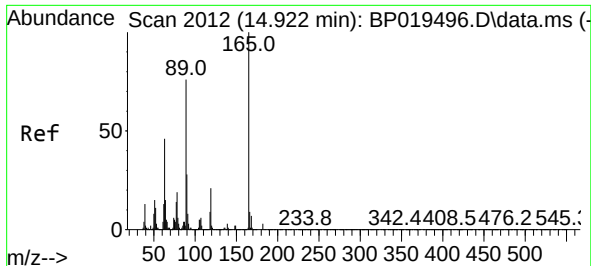
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 807991 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 38.2  | 31.5  | 47.3   |
| 169       | 13.3  | 10.3  | 15.5   |



#56  
 4-Nitrophenol  
 Concen: 41.558 ng  
 RT: 14.793 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 118636 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 95.8  | 82.0  | 122.0  |
| 65        | 112.3 | 92.9  | 132.9  |

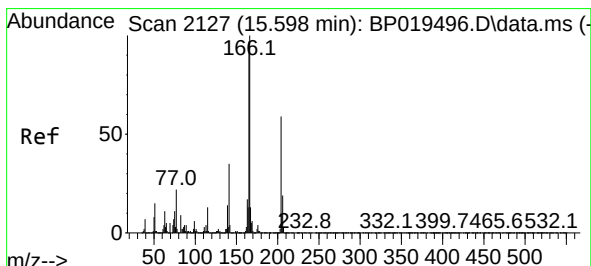
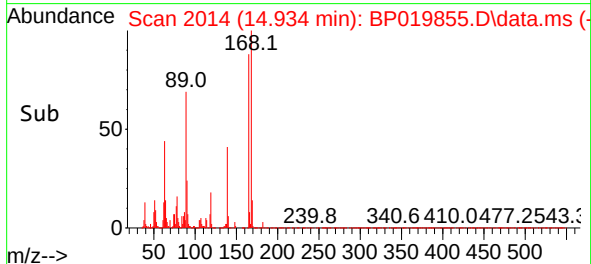
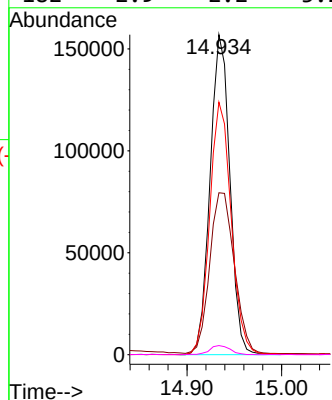
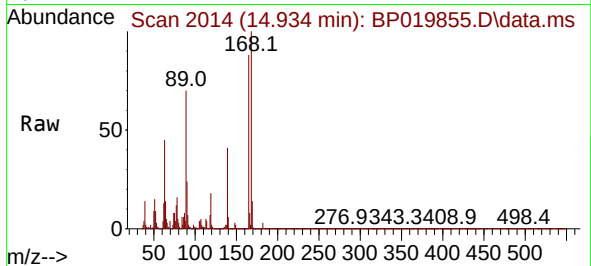




#57  
2,4-Dinitrotoluene  
Concen: 45.877 ng  
RT: 14.934 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

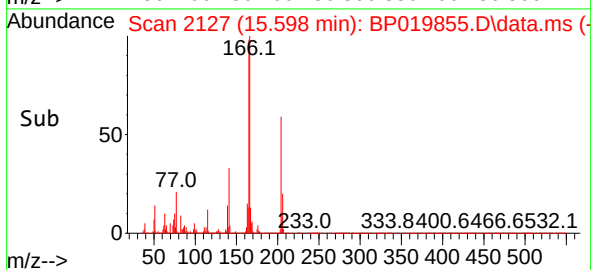
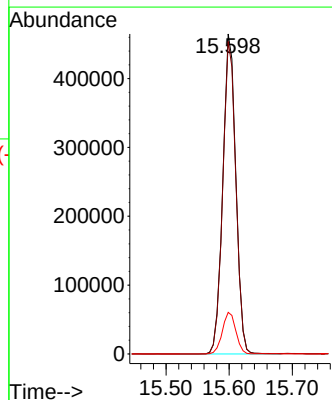
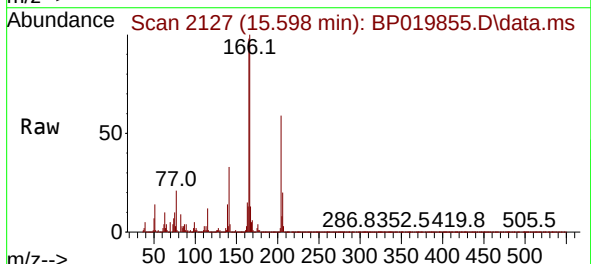
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 227842  
Ion Ratio Lower Upper  
165 100  
63 50.6 36.9 55.3  
89 78.9 61.1 91.7  
182 2.9 2.2 3.2

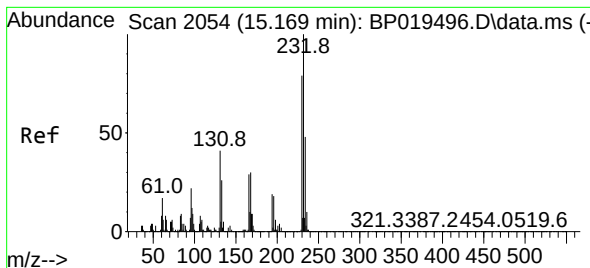


#58  
Fluorene  
Concen: 40.064 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:166 Resp: 668099  
Ion Ratio Lower Upper  
166 100  
165 97.6 77.8 116.8  
167 13.0 10.7 16.1



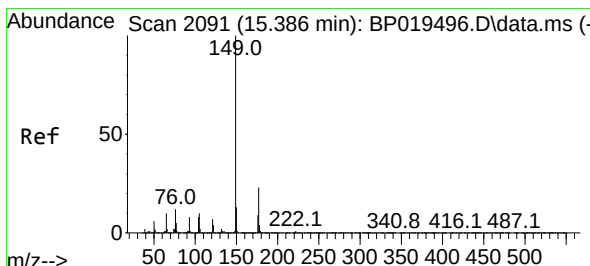
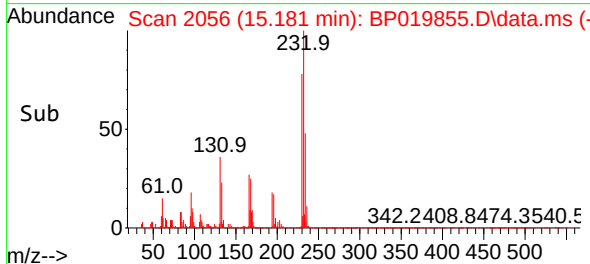
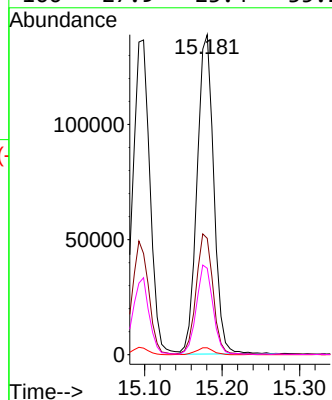
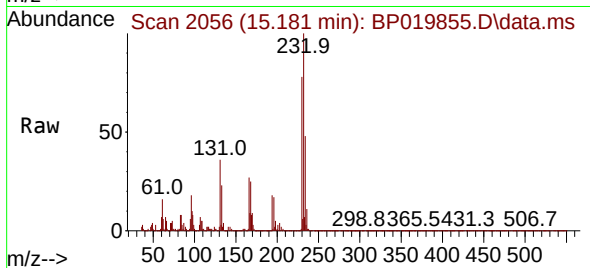




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.552 ng  
RT: 15.181 min Scan# 2056  
Delta R.T. 0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

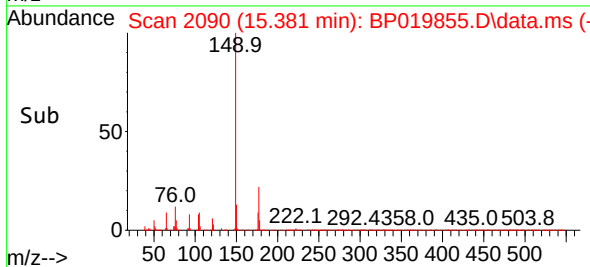
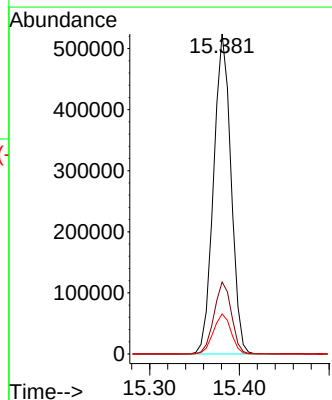
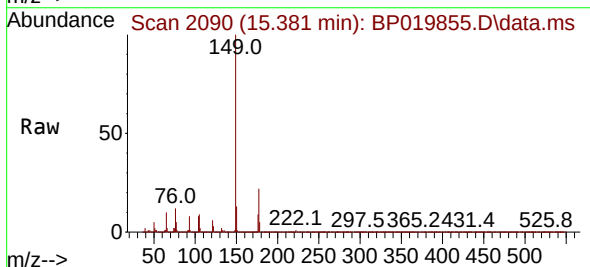
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

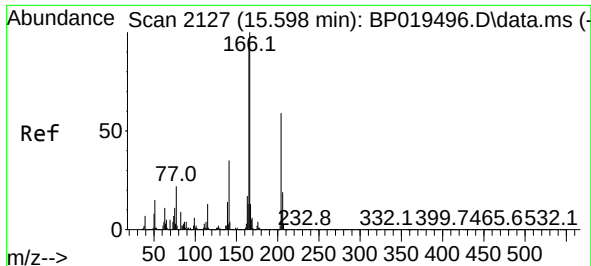
Tgt Ion:232 Resp: 206813  
Ion Ratio Lower Upper  
232 100  
131 37.6 32.4 48.6  
130 2.2 1.9 2.9  
166 27.9 23.4 35.2



#60  
Diethylphthalate  
Concen: 41.140 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:149 Resp: 705860  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.2 27.2  
150 12.5 10.2 15.4

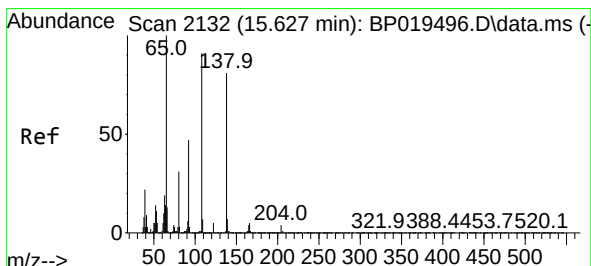
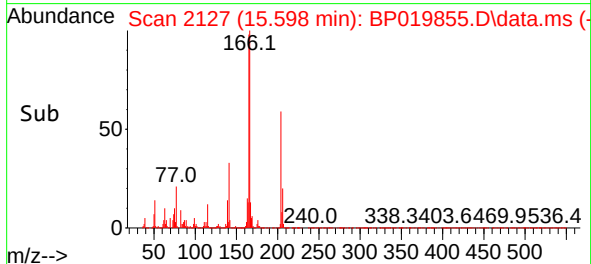
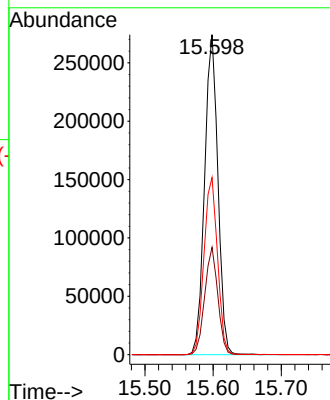
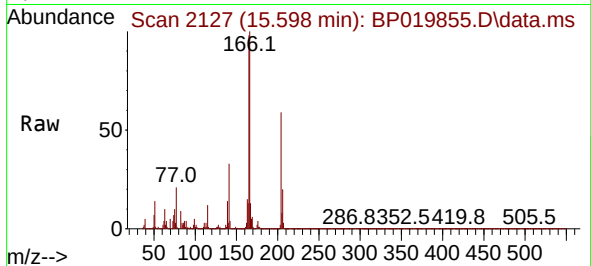




#61  
4-Chlorophenyl-phenylether  
Concen: 39.718 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

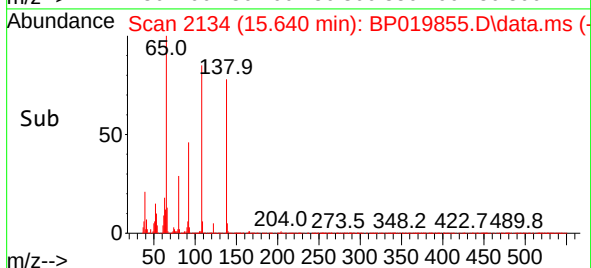
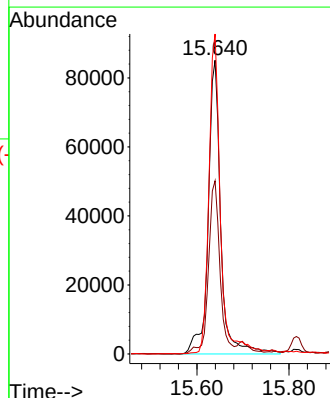
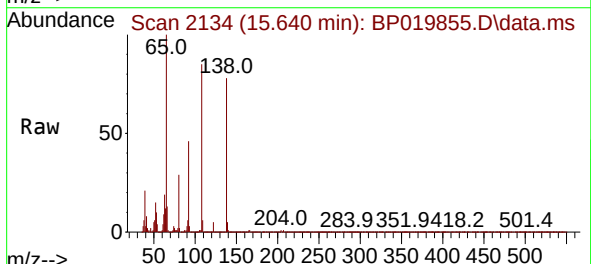
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

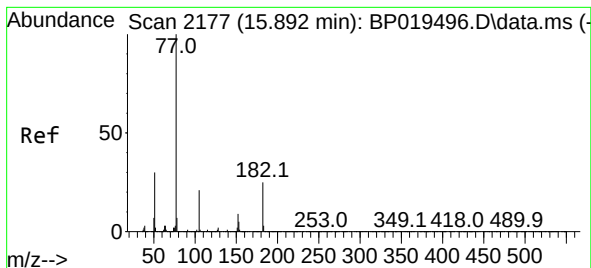
Tgt Ion:204 Resp: 372265  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.5 39.7  
141 55.4 48.5 72.7



#62  
4-Nitroaniline  
Concen: 44.294 ng  
RT: 15.640 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:138 Resp: 161705  
Ion Ratio Lower Upper  
138 100  
92 58.9 38.3 78.3  
108 108.9 91.2 131.2





#63

Azobenzene

Concen: 40.053 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 664543

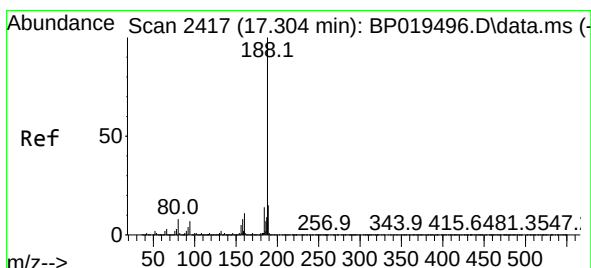
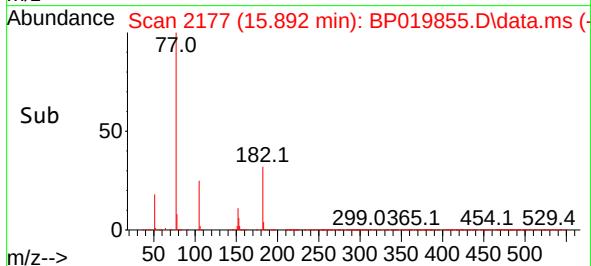
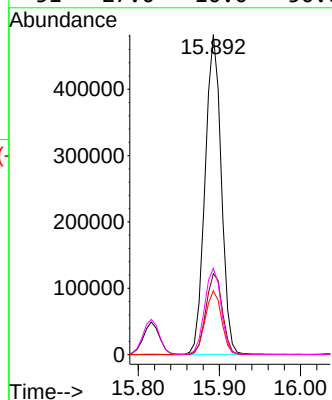
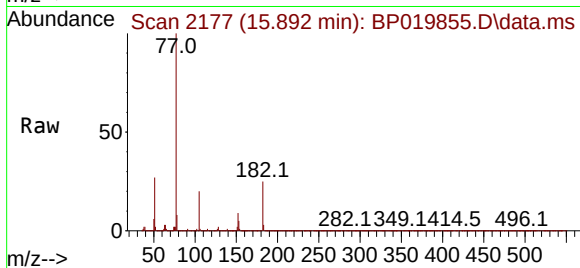
Ion Ratio Lower Upper

77 100

182 25.3 5.1 45.1

105 20.0 0.8 40.8

51 27.0 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

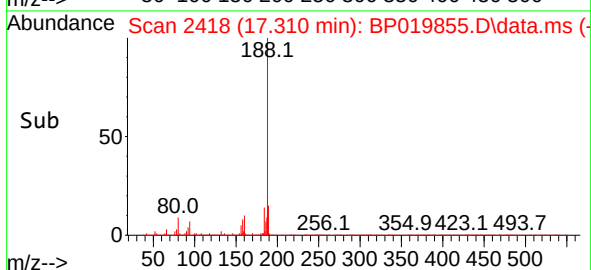
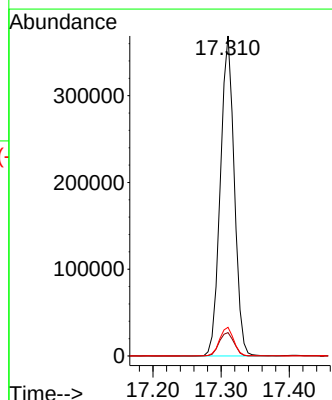
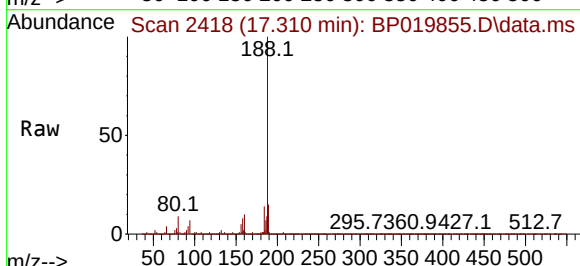
Tgt Ion:188 Resp: 524753

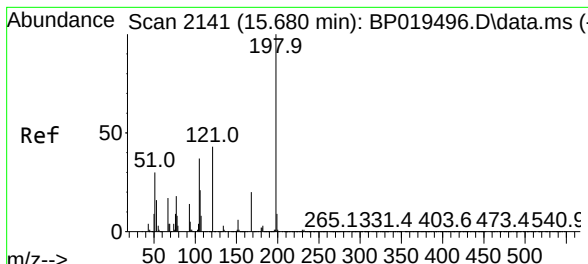
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 9.0 6.3 9.5

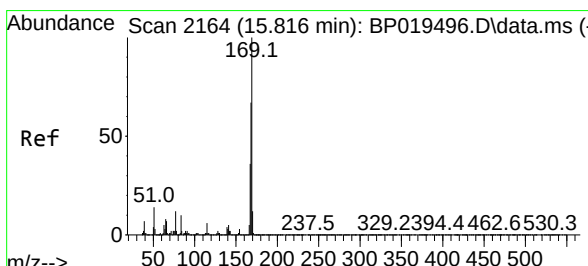
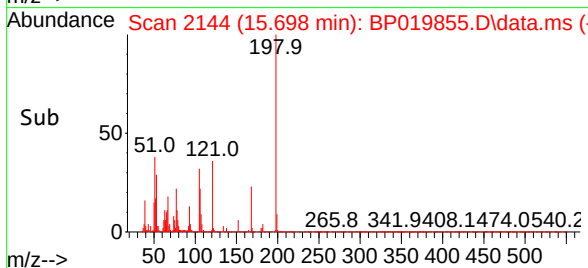
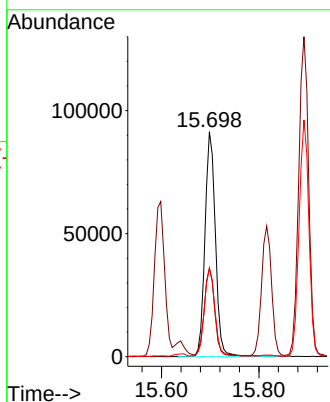
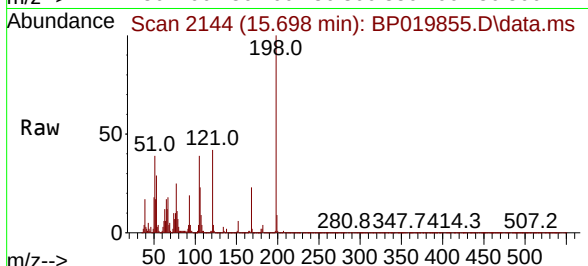




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 45.449 ng  
 RT: 15.698 min Scan# 2144  
 Delta R.T. -0.000 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

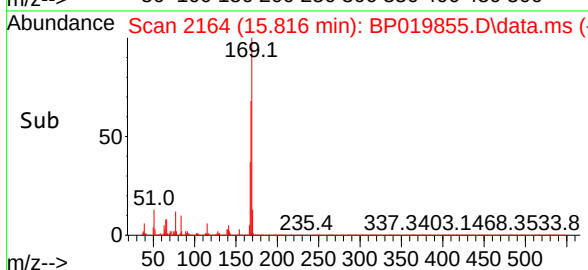
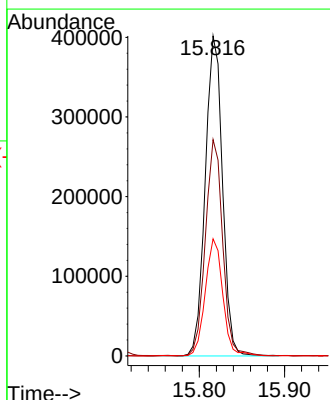
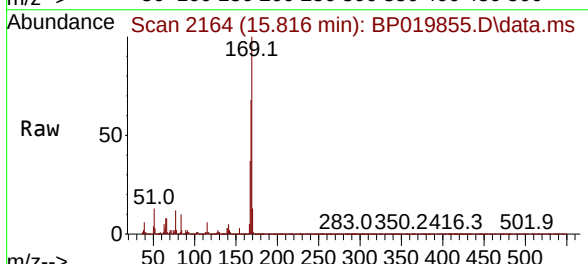
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

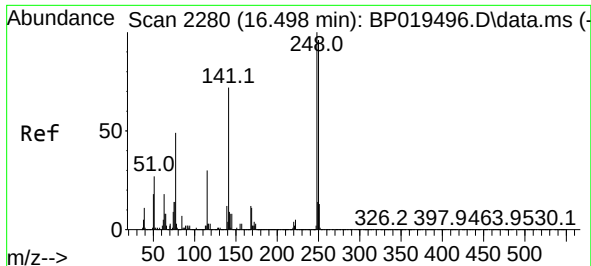
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 198   | Resp: | 135993 |
| Ion      | Ratio | Lower | Upper  |
| 198      | 100   |       |        |
| 51       | 39.4  | 21.2  | 61.2   |
| 105      | 39.4  | 19.1  | 59.1   |



#66  
 n-Nitrosodiphenylamine  
 Concen: 35.945 ng  
 RT: 15.816 min Scan# 2164  
 Delta R.T. -0.006 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 564906 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 67.6  | 53.4  | 80.2   |
| 167      | 36.6  | 28.9  | 43.3   |

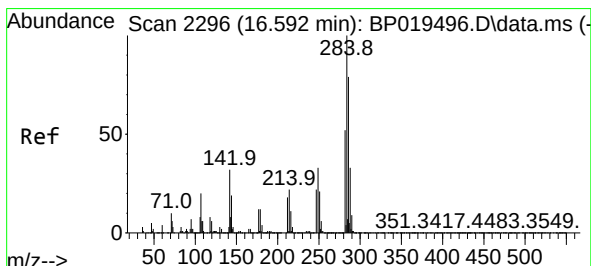
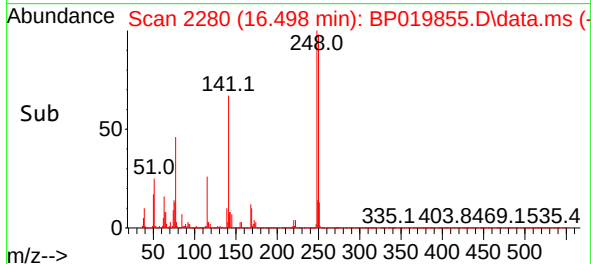
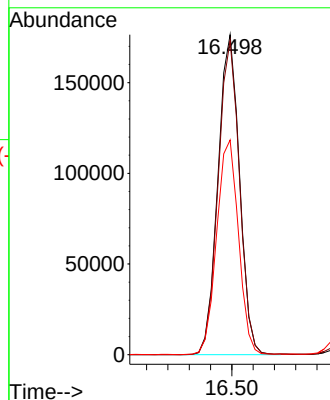
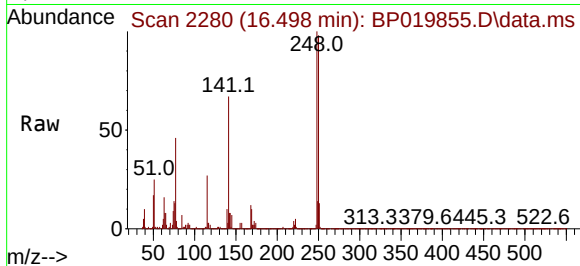




#67  
4-Bromophenyl-phenylether  
Concen: 37.696 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

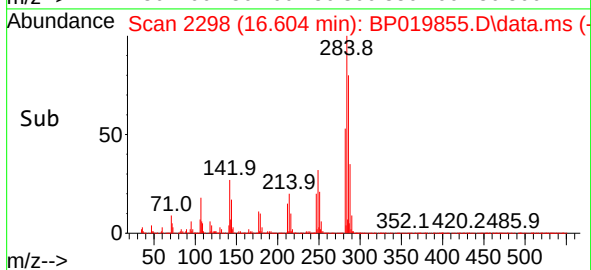
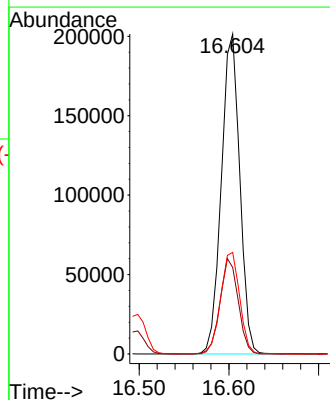
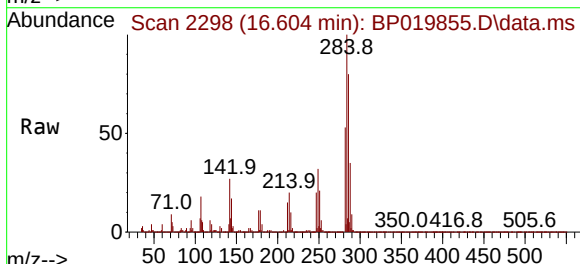
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

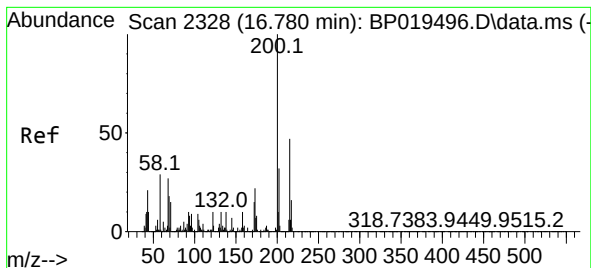
Tgt Ion:248 Resp: 247286  
Ion Ratio Lower Upper  
248 100  
250 98.2 76.9 115.3  
141 67.1 58.0 87.0



#68  
Hexachlorobenzene  
Concen: 37.457 ng  
RT: 16.604 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:284 Resp: 286944  
Ion Ratio Lower Upper  
284 100  
142 27.1 25.4 38.2  
249 31.7 26.5 39.7





#69

Atrazine

Concen: 36.591 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

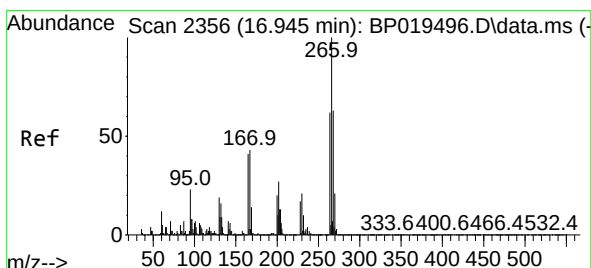
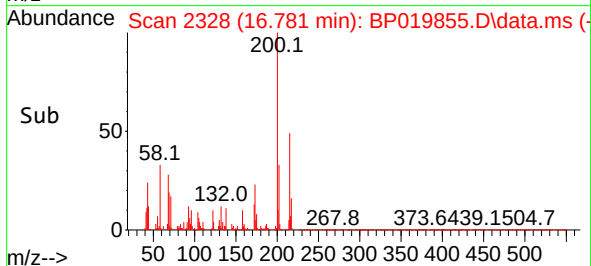
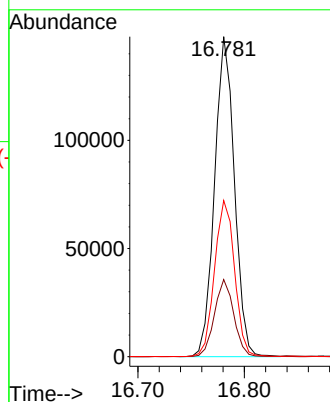
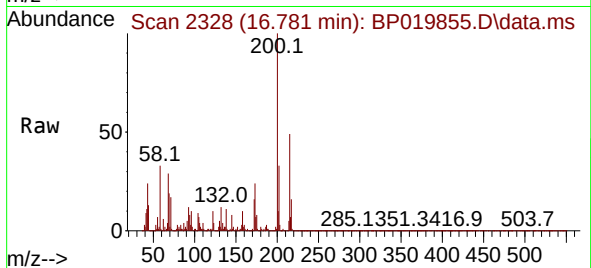
Tgt Ion:200 Resp: 190824

Ion Ratio Lower Upper

200 100

173 24.1 1.7 41.7

215 48.8 26.9 66.9



#70

Pentachlorophenol

Concen: 39.261 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.000 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

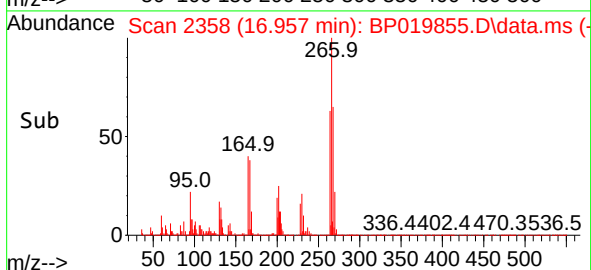
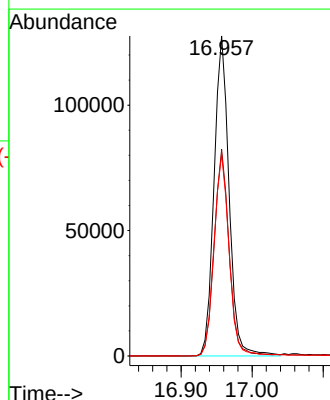
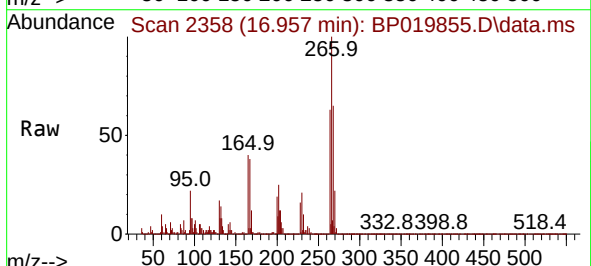
Tgt Ion:266 Resp: 187299

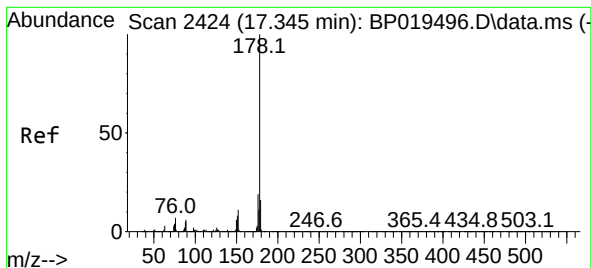
Ion Ratio Lower Upper

266 100

268 64.5 50.3 75.5

264 63.0 49.7 74.5





#71

Phenanthrene

Concen: 38.128 ng

RT: 17.351 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

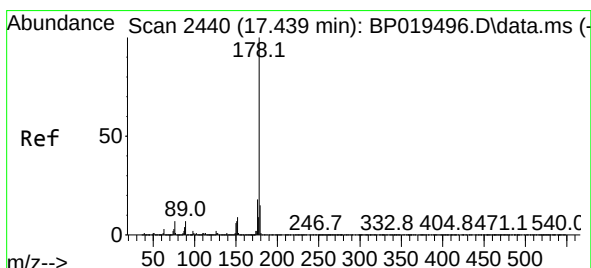
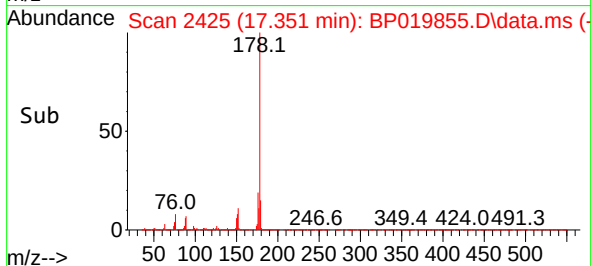
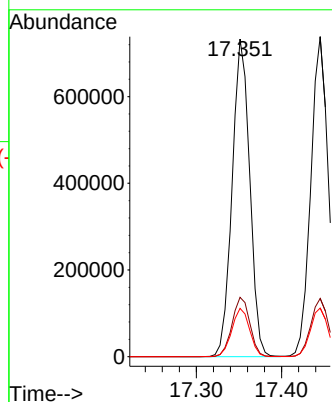
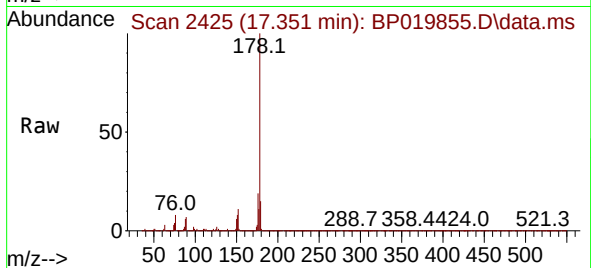
Tgt Ion:178 Resp: 1052957

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.2 12.6 19.0



#72

Anthracene

Concen: 38.277 ng

RT: 17.445 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

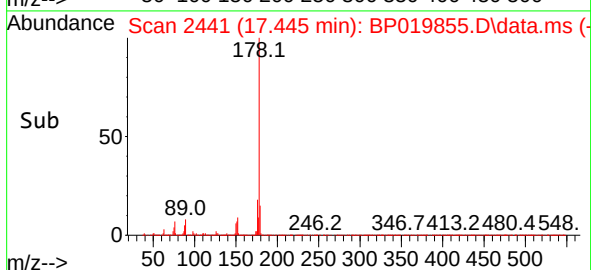
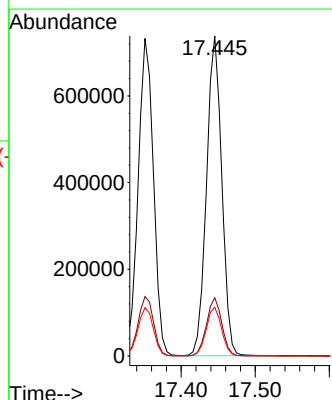
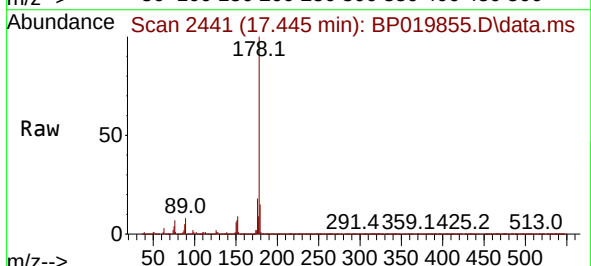
Tgt Ion:178 Resp: 1054485

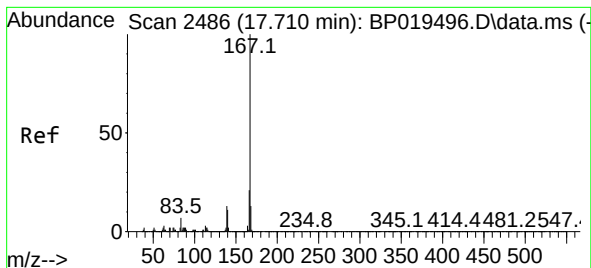
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.2 12.2 18.2





#73

Carbazole

Concen: 40.350 ng

RT: 17.722 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

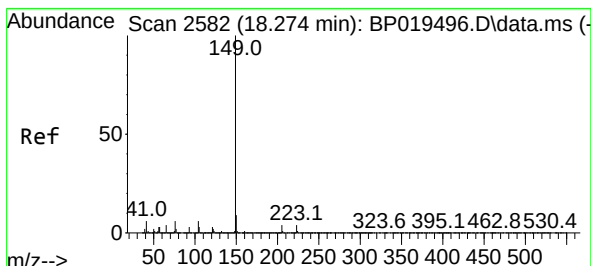
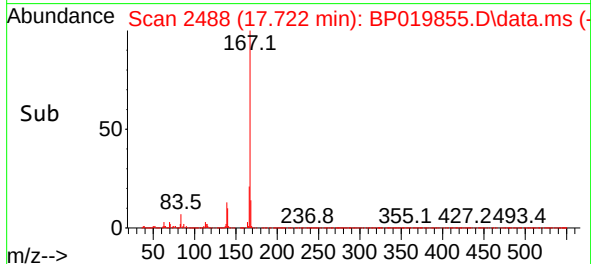
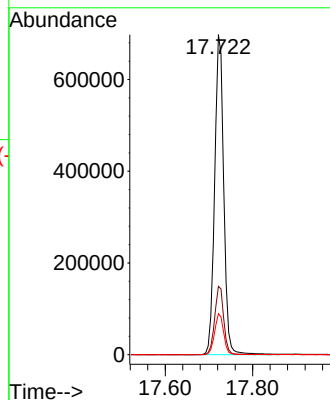
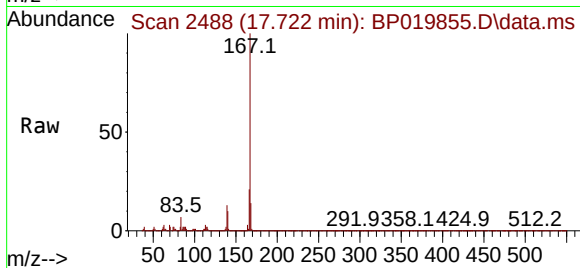
BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1009828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.3  | 17.2  | 25.8  |
| 139 | 12.8  | 10.6  | 15.8  |



#74

Di-n-butylphthalate

Concen: 39.672 ng

RT: 18.275 min Scan# 2582

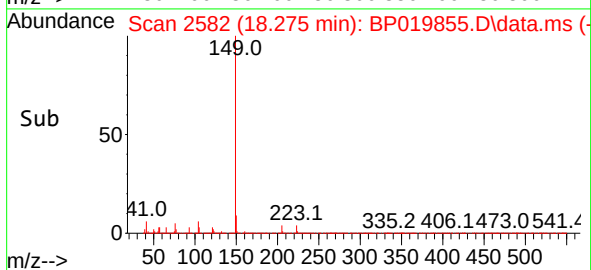
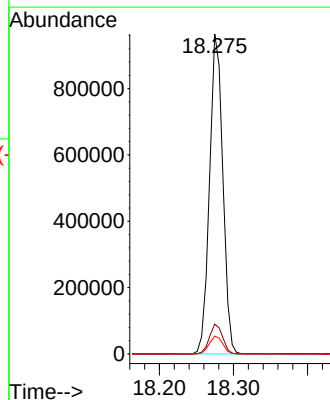
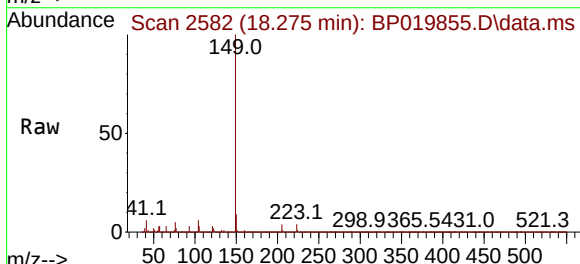
Delta R.T. -0.006 min

Lab File: BP019855.D

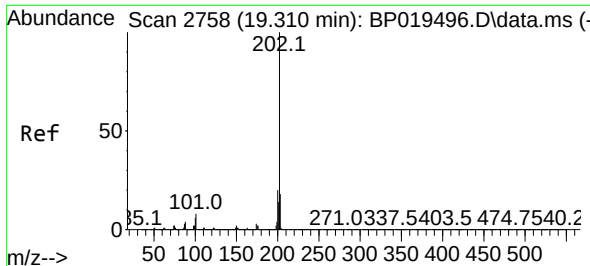
Acq: 24 Feb 2024 11:22

Tgt Ion:149 Resp: 1200480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 5.6   | 4.8   | 7.2   |



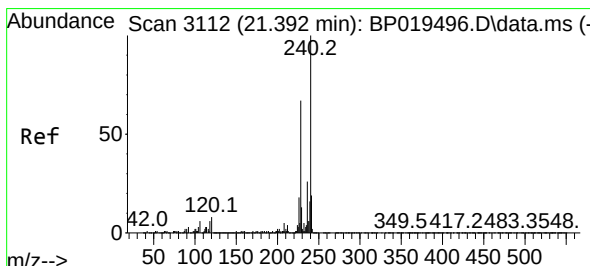
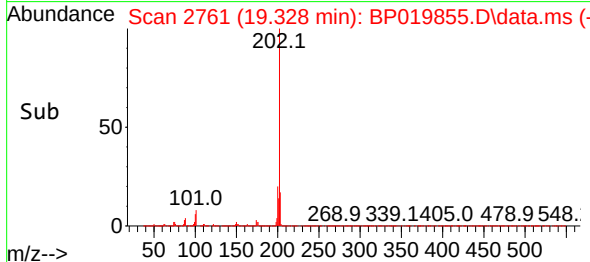
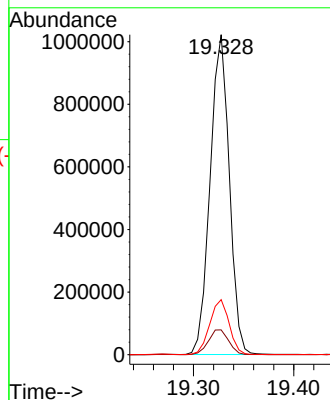
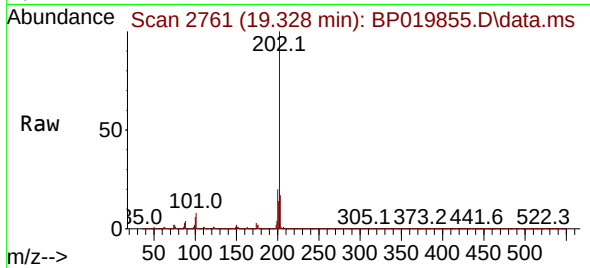




#75  
Fluoranthene  
Concen: 40.379 ng  
RT: 19.328 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

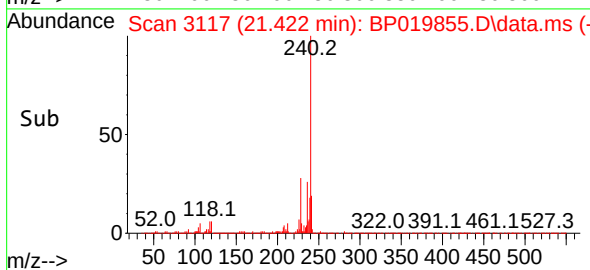
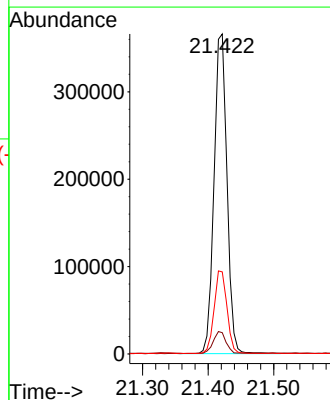
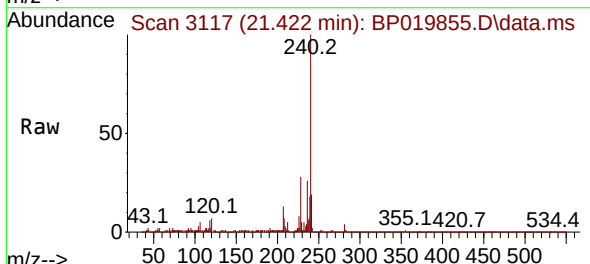
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

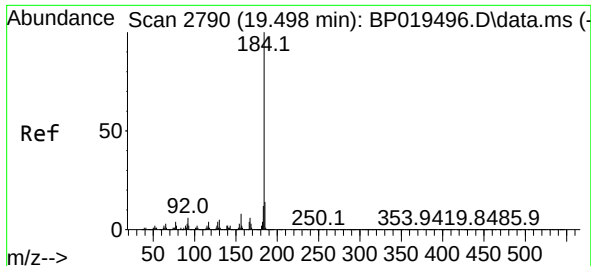
Tgt Ion:202 Resp: 1362228  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 27.7  
203 17.2 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.422 min Scan# 3117  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:240 Resp: 500125  
Ion Ratio Lower Upper  
240 100  
120 6.7 6.1 9.1  
236 25.7 20.7 31.1

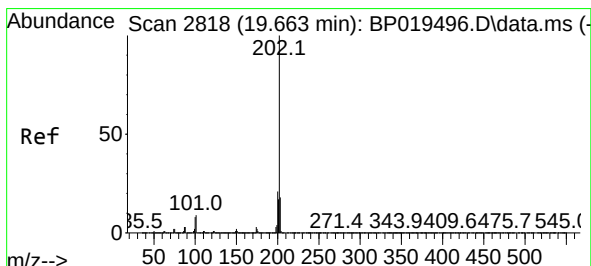
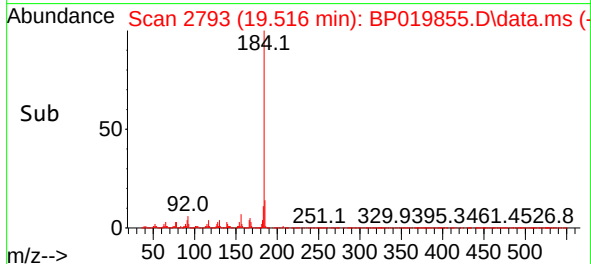
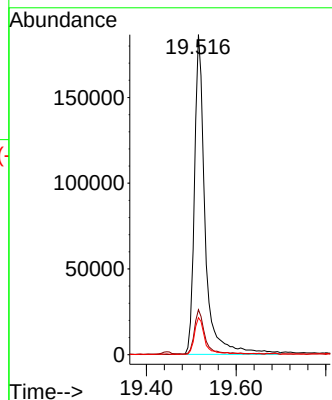
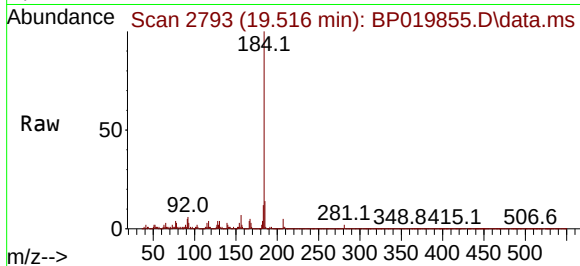




#77  
Benzidine  
Concen: 29.524 ng  
RT: 19.516 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

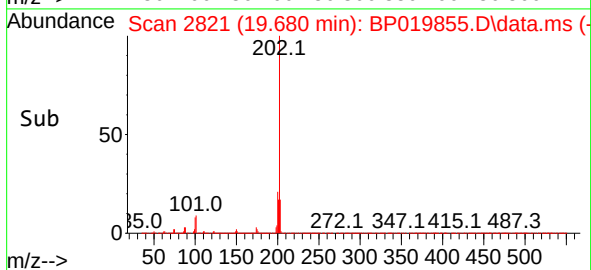
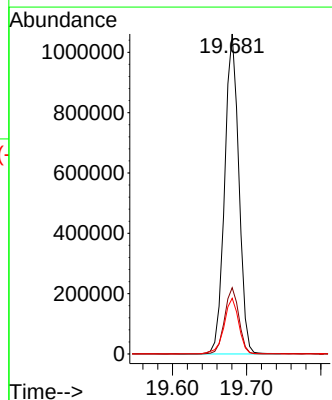
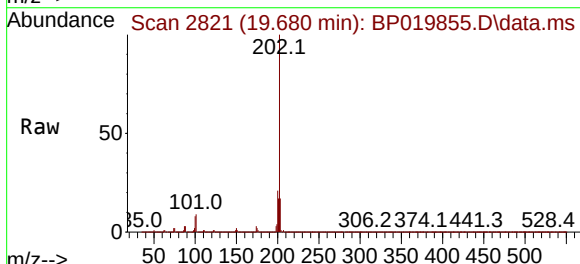
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

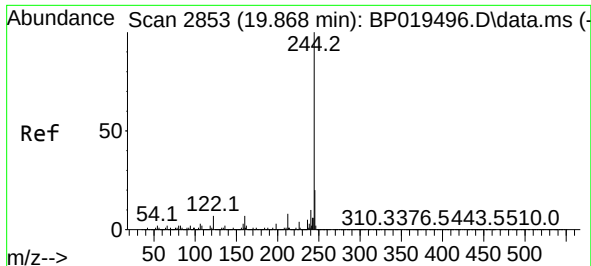
Tgt Ion:184 Resp: 308701  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.1 16.7  
183 11.6 9.7 14.5



#78  
Pyrene  
Concen: 39.927 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:202 Resp: 1409287  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.9 25.3  
203 17.4 14.2 21.2

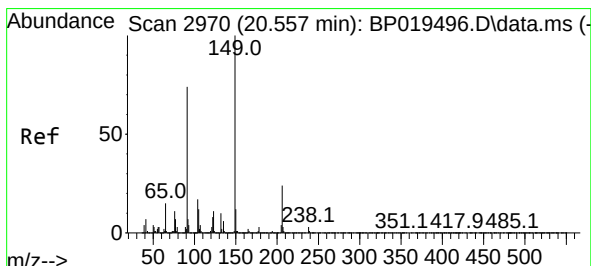
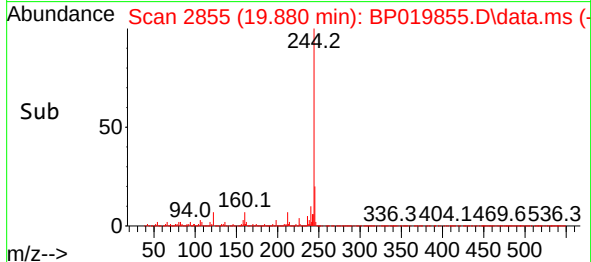
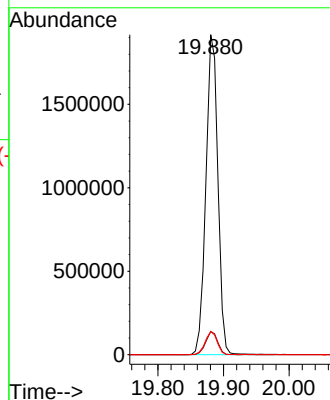
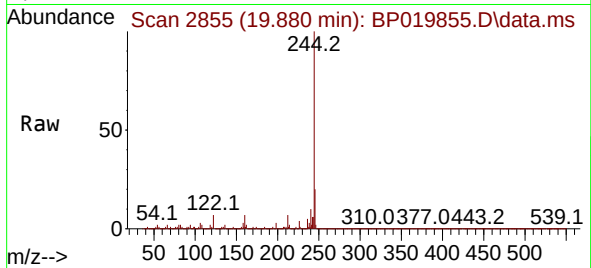




#79  
 Terphenyl-d14  
 Concen: 80.286 ng  
 RT: 19.880 min Scan# 2855  
 Delta R.T. -0.012 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

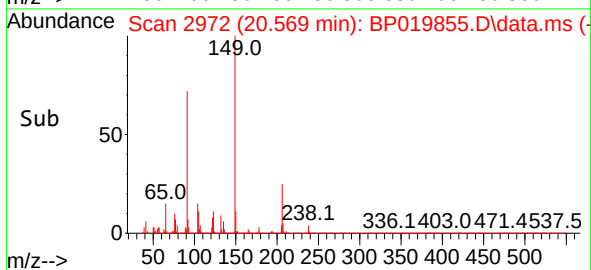
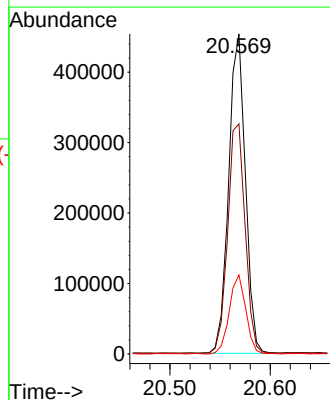
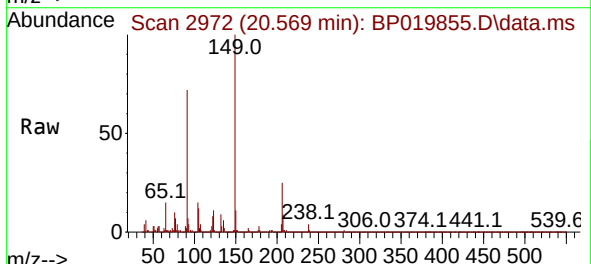
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

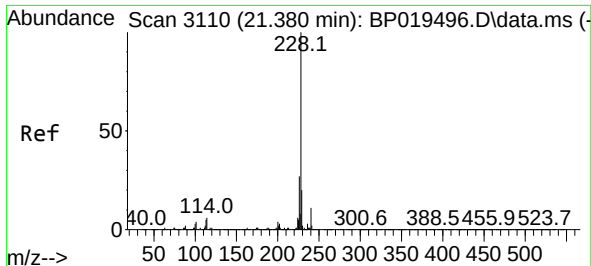
Tgt Ion:244 Resp: 2441602  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.1 9.1  
 122 7.3 5.9 8.9



#80  
 Butylbenzylphthalate  
 Concen: 39.752 ng  
 RT: 20.569 min Scan# 2972  
 Delta R.T. -0.006 min  
 Lab File: BP019855.D  
 Acq: 24 Feb 2024 11:22

Tgt Ion:149 Resp: 523987  
 Ion Ratio Lower Upper  
 149 100  
 91 71.9 59.4 89.0  
 206 24.7 19.0 28.6

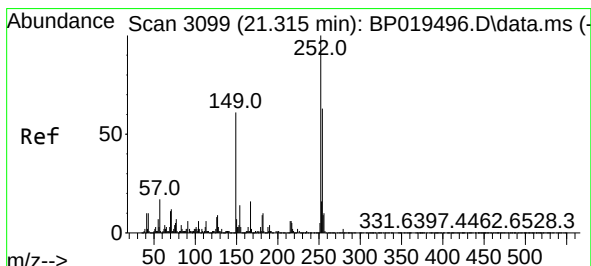
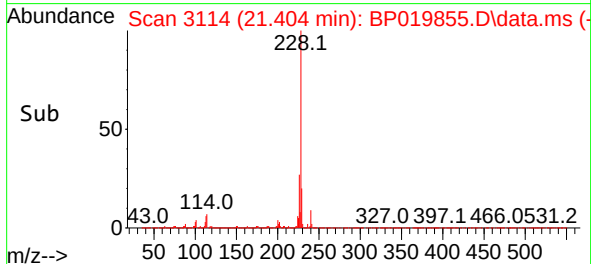
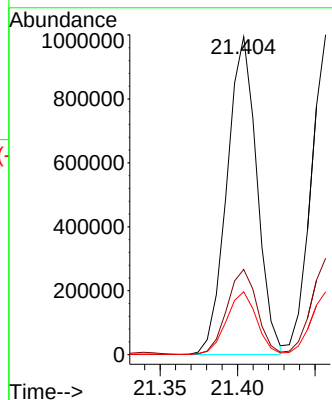
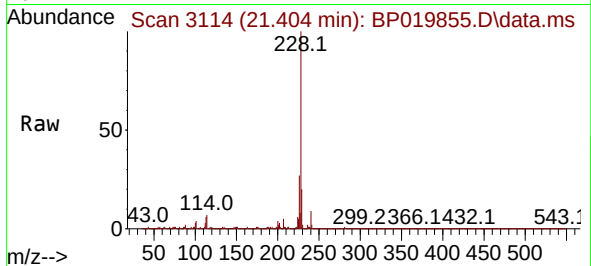




#81  
Benzo(a)anthracene  
Concen: 37.861 ng  
RT: 21.404 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

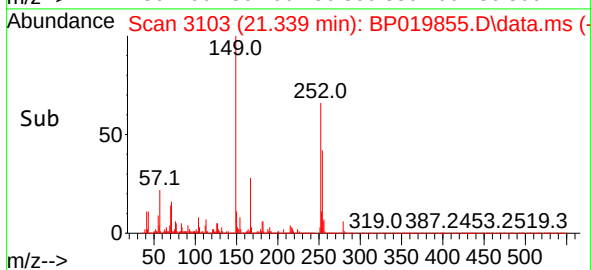
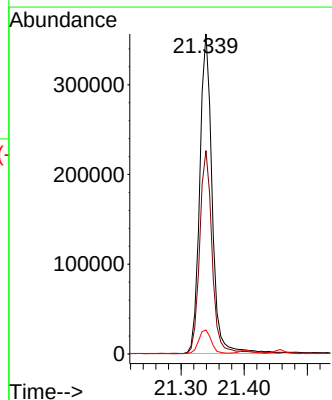
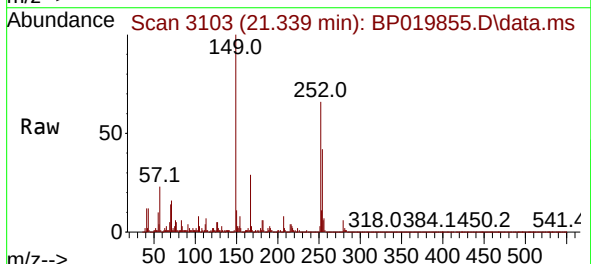
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

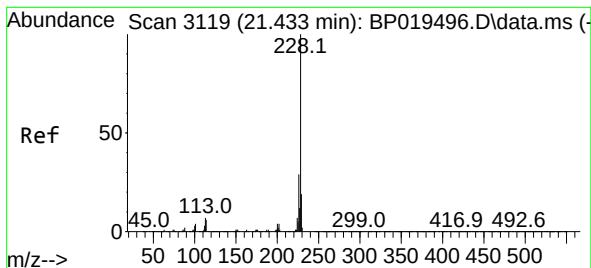
Tgt Ion:228 Resp: 1332888  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.7 32.5  
229 19.8 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 37.703 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BP019855.D  
Acq: 24 Feb 2024 11:22

Tgt Ion:252 Resp: 483687  
Ion Ratio Lower Upper  
252 100  
254 63.6 50.7 76.1  
126 7.5 6.4 9.6





#83

Chrysene

Concen: 37.915 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

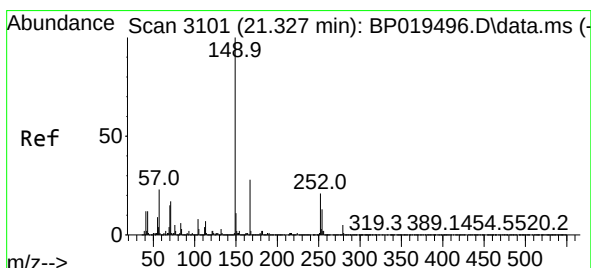
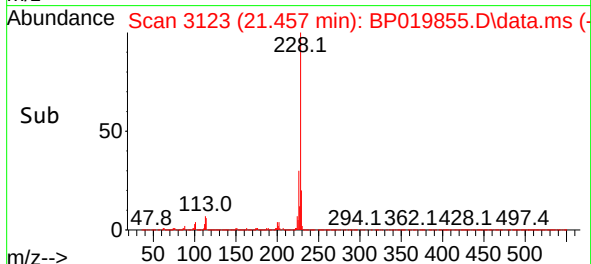
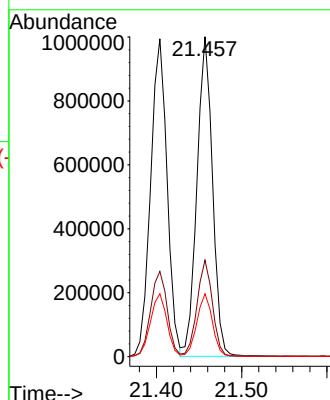
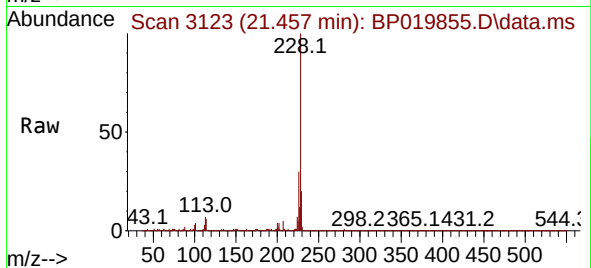
Tgt Ion:228 Resp: 1267264

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.938 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

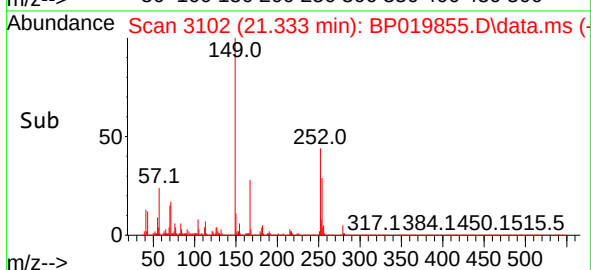
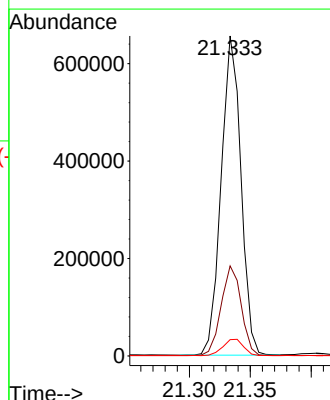
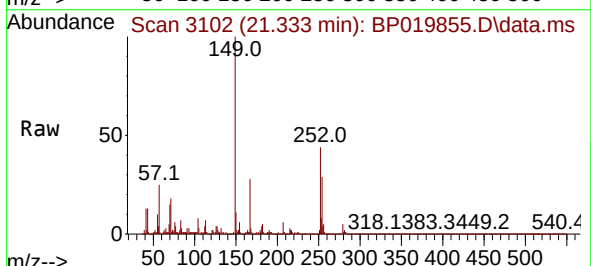
Tgt Ion:149 Resp: 741417

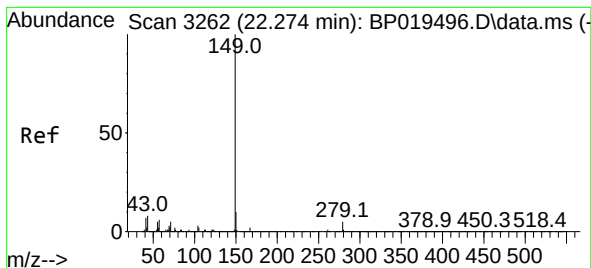
Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 36.209 ng

RT: 22.280 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

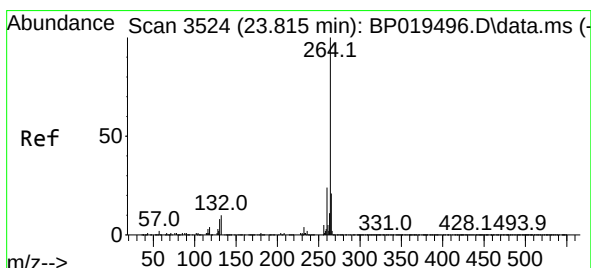
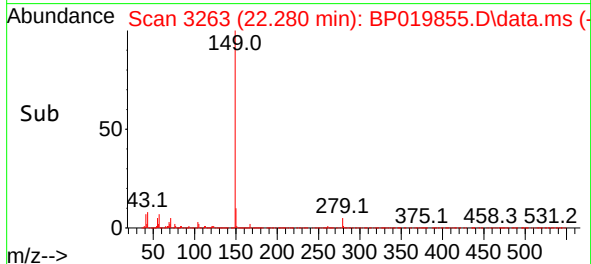
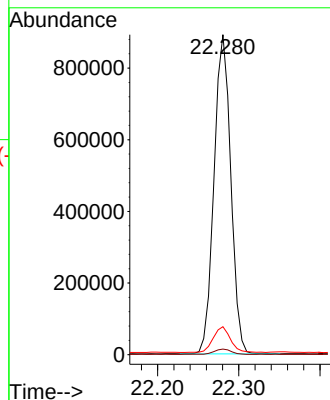
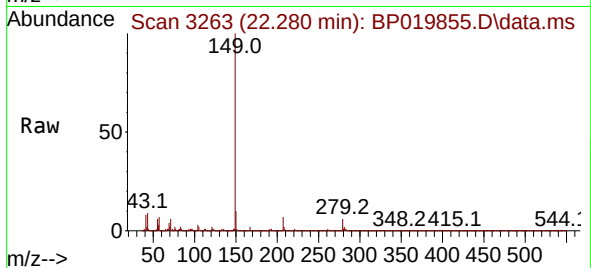
Tgt Ion:149 Resp: 1278709

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.018 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

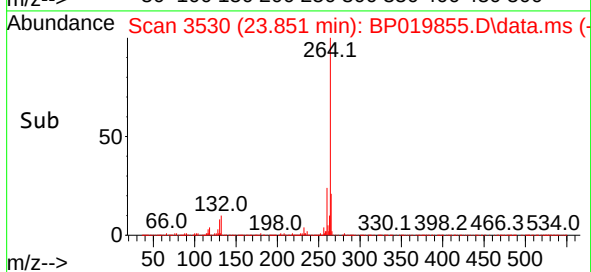
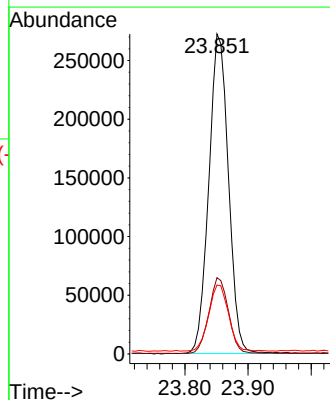
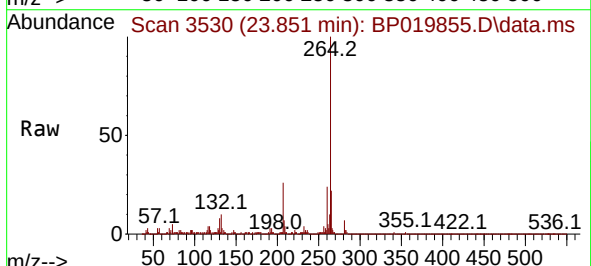
Tgt Ion:264 Resp: 586738

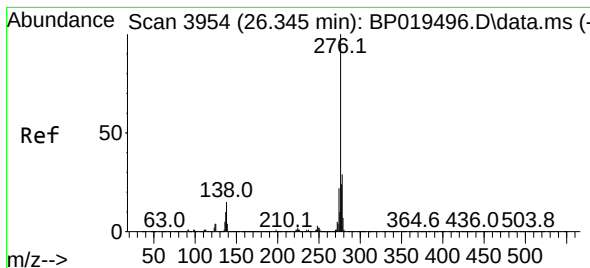
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.075 ng

RT: 26.415 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

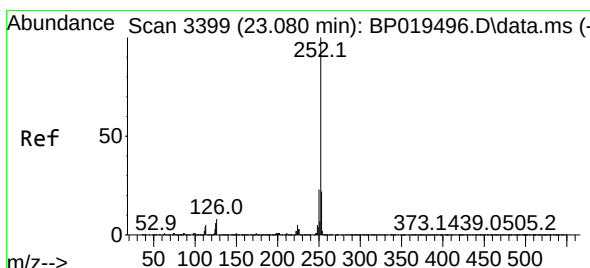
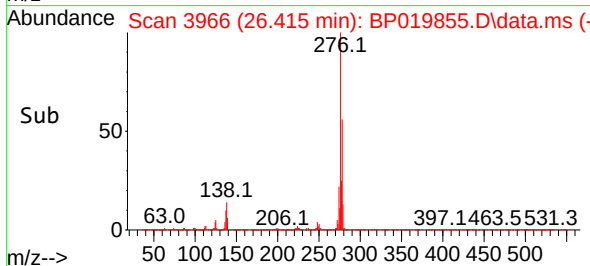
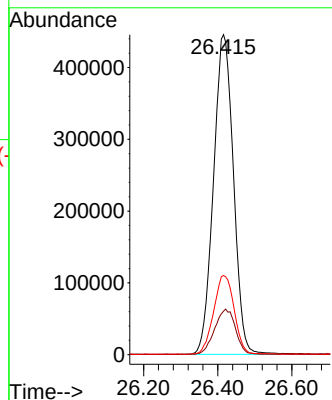
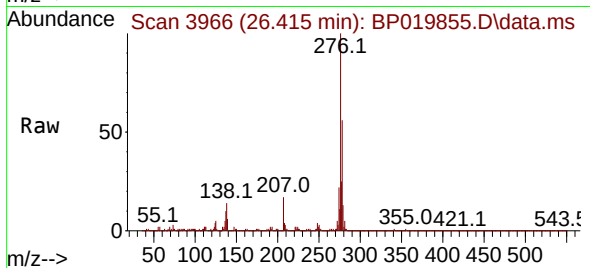
Tgt Ion:276 Resp: 1665148

Ion Ratio Lower Upper

276 100

138 14.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.011 ng

RT: 23.110 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

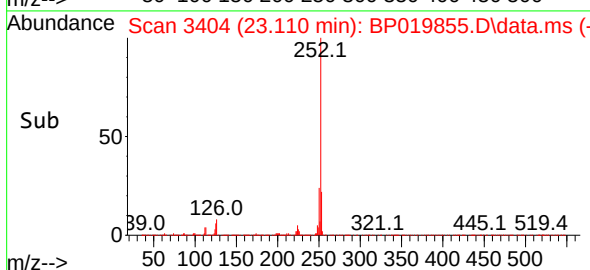
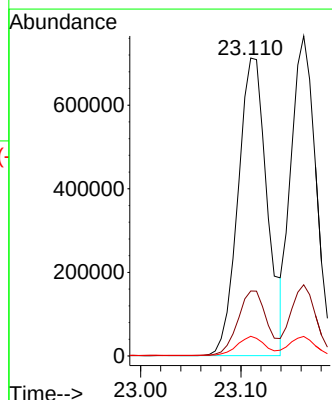
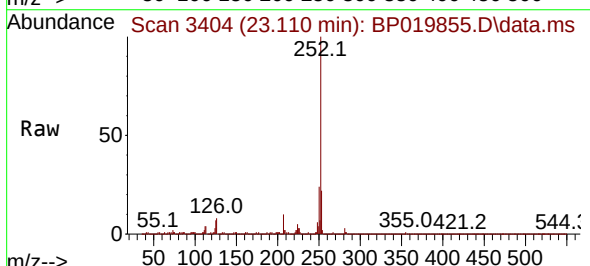
Tgt Ion:252 Resp: 1442615

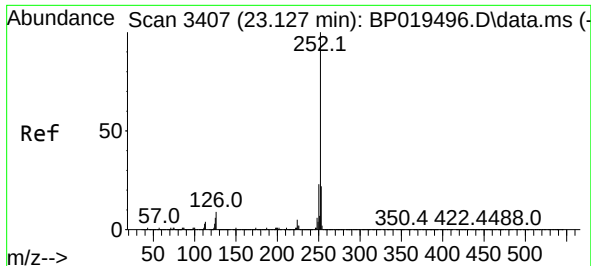
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 6.6 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 37.269 ng

RT: 23.163 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

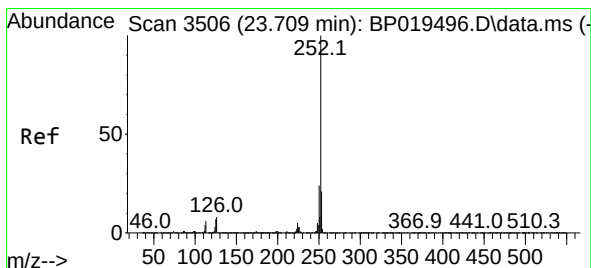
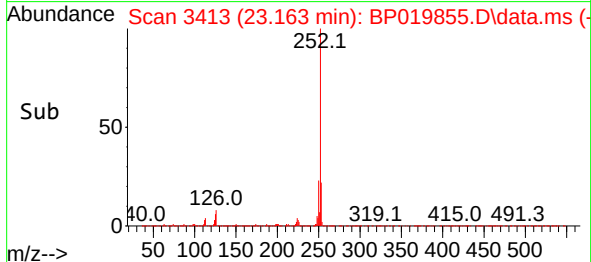
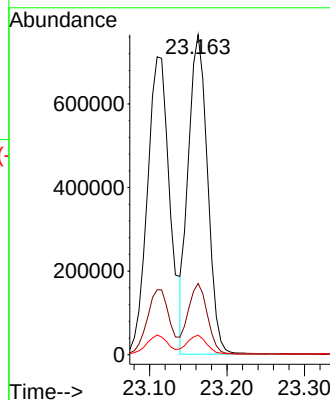
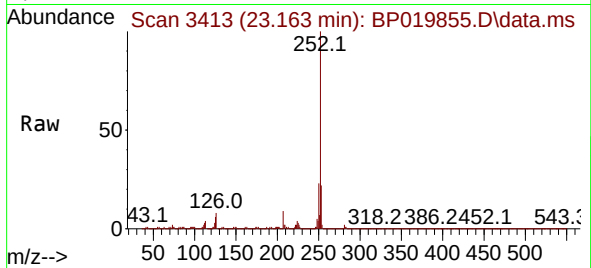
Tgt Ion:252 Resp: 1316499

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 6.1 5.0 7.6



#90

Benzo(a)pyrene

Concen: 37.897 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.012 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

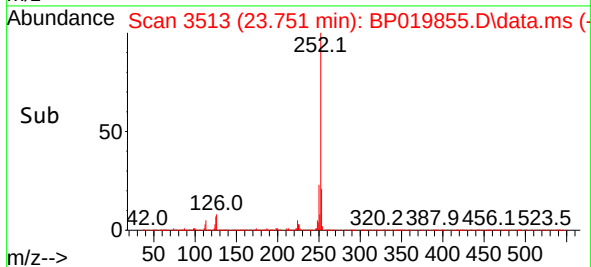
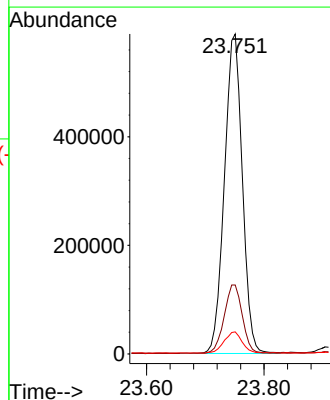
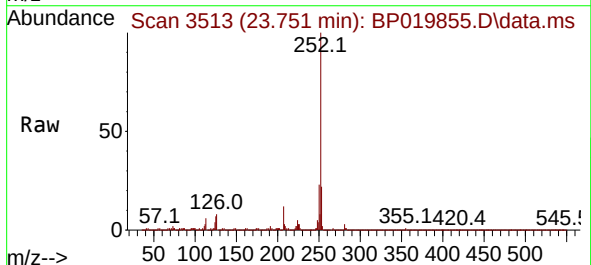
Tgt Ion:252 Resp: 1246921

Ion Ratio Lower Upper

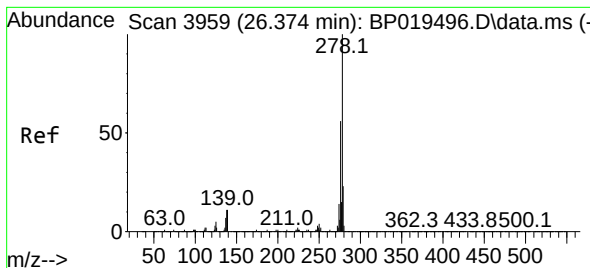
252 100

253 21.5 17.1 25.7

125 6.9 5.6 8.4







#91

Dibenzo(a,h)anthracene

Concen: 37.416 ng

RT: 26.439 min Scan# 3959

Delta R.T. -0.018 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

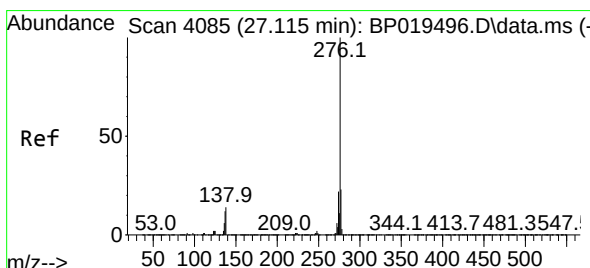
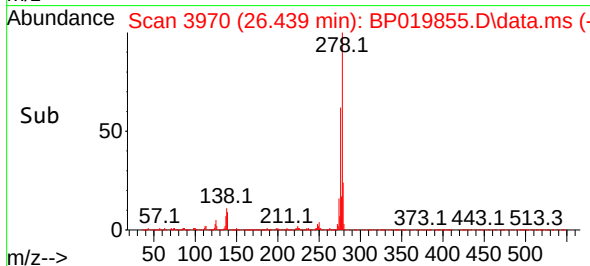
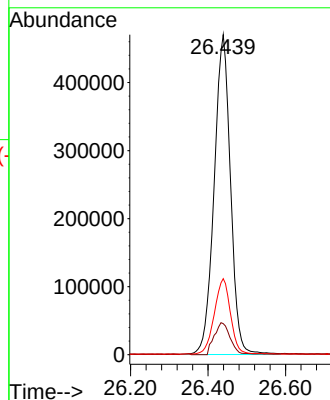
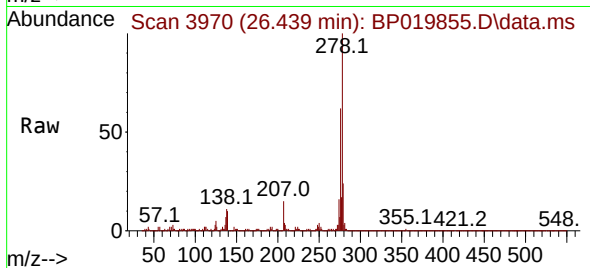
Tgt Ion:278 Resp: 1382080

Ion Ratio Lower Upper

278 100

139 9.7 8.6 12.8

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 36.633 ng

RT: 27.198 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BP019855.D

Acq: 24 Feb 2024 11:22

Tgt Ion:276 Resp: 1372823

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 13.0 10.9 16.3

