

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031723\  
 Data File : BP014115.D  
 Acq On : 17 Mar 2023 11:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 18 00:22:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 18 00:19:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 210174   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.887 | 136  | 834715   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.710 | 164  | 538055   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.469 | 188  | 1163933  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.551 | 240  | 961724   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.086 | 264  | 855847   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.605  | 112  | 1014410  | 78.274 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.222  | 99   | 1431157  | 84.111 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.240  | 82   | 1512510  | 82.819 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.204 | 330  | 679266   | 77.864 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.334 | 172  | 3254978  | 78.376 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.004 | 244  | 4731311  | 81.122 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.458  | 88   | 209600   | 37.229 | ng    | 95       |
| 3) Pyridine                   | 3.875  | 79   | 616949   | 39.459 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.781  | 42   | 273162   | 39.359 | ng    | 96       |
| 6) Aniline                    | 7.387  | 93   | 939392   | 42.029 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.622  | 128  | 562347   | 40.514 | ng    | 95       |
| 9) Benzaldehyde               | 7.199  | 77   | 316177   | 37.133 | ng    | 98       |
| 10) Phenol                    | 7.252  | 94   | 751851   | 42.456 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.481  | 93   | 609752   | 43.487 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.952  | 146  | 614205   | 40.268 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.099  | 146  | 625594   | 40.541 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.422  | 146  | 603951   | 40.863 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.311  | 79   | 603019   | 43.468 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.593  | 45   | 752617   | 49.303 | ng    | 97       |
| 17) 2-Methylphenol            | 8.511  | 107  | 548408   | 43.422 | ng    | 98       |
| 18) Hexachloroethane          | 9.152  | 117  | 239362   | 41.292 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.881  | 70   | 529022   | 47.236 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.846  | 107  | 750656   | 44.132 | ng    | 99       |
| 22) Acetophenone              | 8.899  | 105  | 957857   | 40.910 | ng    | 100      |
| 24) Nitrobenzene              | 9.281  | 77   | 781535   | 41.824 | ng    | 96       |
| 25) Isophorone                | 9.816  | 82   | 1423628  | 42.306 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.999  | 139  | 332456   | 40.902 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.052 | 122  | 538208   | 40.724 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.287 | 93   | 825411   | 42.379 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.534 | 162  | 579223   | 40.038 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.746 | 180  | 627564   | 38.209 | ng    | 98       |
| 31) Naphthalene               | 10.940 | 128  | 1852718  | 40.394 | ng    | 99       |
| 32) Benzoic acid              | 10.228 | 122  | 407405   | 37.806 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.052 | 127  | 815300   | 41.466 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.216 | 225  | 440465   | 36.886 | ng    | 99       |
| 35) Caprolactam               | 11.869 | 113  | 184351   | 44.518 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 12.169 | 107  | 693165   | 42.961 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.540 | 142  | 1354743  | 40.036 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.757 | 142  | 1270842  | 40.290 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 770474   | 37.568 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.881 | 237  | 470187   | 36.531 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.146 | 196  | 510995   | 39.417 | ng    | 98       |

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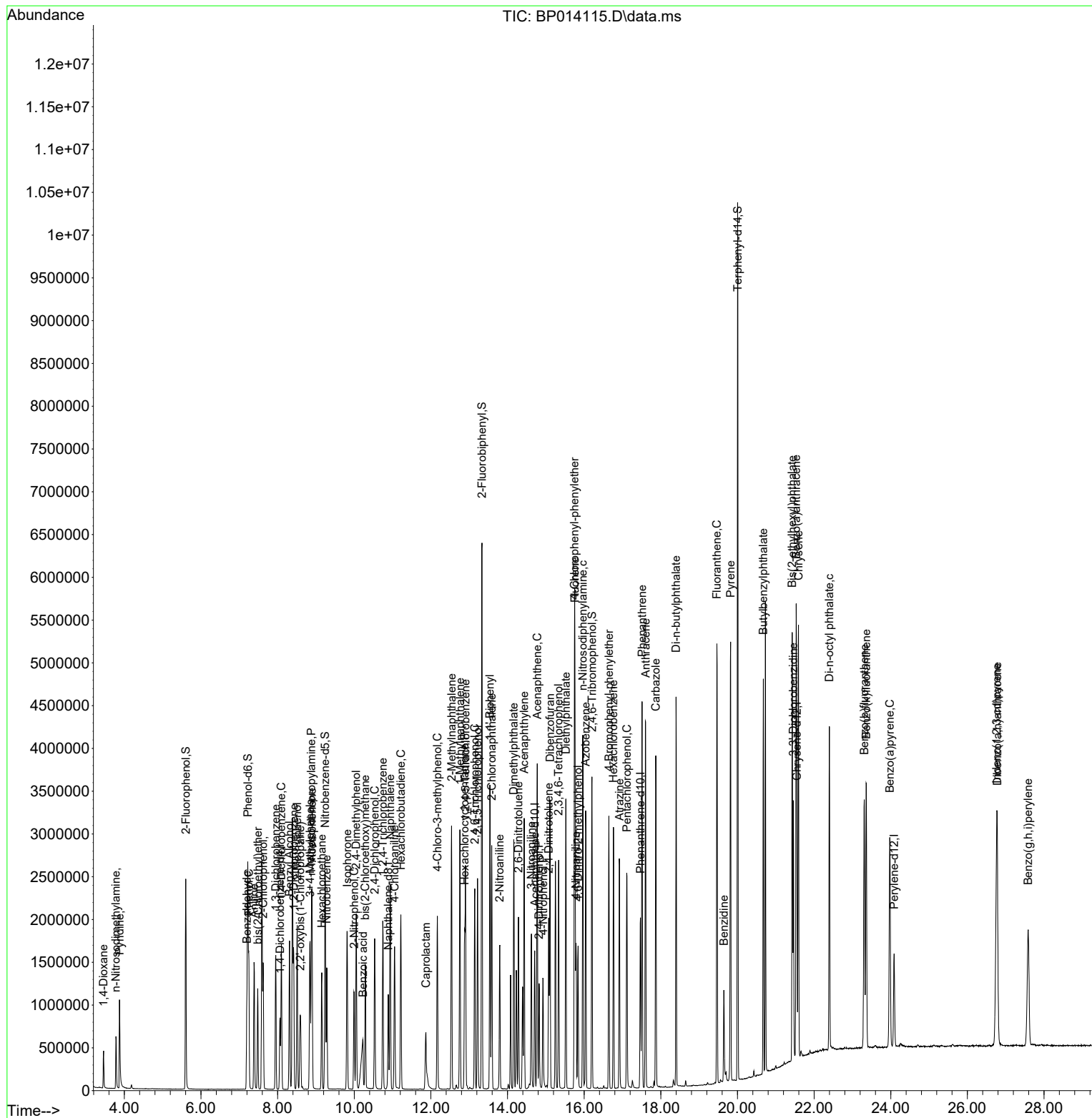
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.216 | 196  | 599188   | 39.887 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.540 | 154  | 1716561  | 39.635 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.587 | 162  | 1316386  | 39.484 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.793 | 65   | 470900   | 46.540 | ng    | 97       |
| 49) Acenaphthylene            | 14.434 | 152  | 2147780  | 40.509 | ng    | 100      |
| 50) Dimethylphthalate         | 14.163 | 163  | 1789175  | 40.307 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.287 | 165  | 390136   | 41.736 | ng    | 97       |
| 52) Acenaphthene              | 14.775 | 154  | 1272854  | 39.881 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.622 | 138  | 390957   | 42.676 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.822 | 184  | 256322   | 38.638 | ng    | 94       |
| 55) Dibenzofuran              | 15.110 | 168  | 2096900  | 40.300 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.928 | 139  | 313669   | 42.047 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.075 | 165  | 533179   | 42.670 | ng    | 97       |
| 58) Fluorene                  | 15.757 | 166  | 1661348  | 40.211 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.334 | 232  | 505506   | 38.573 | ng    | 97       |
| 60) Diethylphthalate          | 15.522 | 149  | 1808004  | 41.253 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.745 | 204  | 912427   | 38.957 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.787 | 138  | 404698   | 44.366 | ng    | 91       |
| 63) Azobenzene                | 16.040 | 77   | 1805572  | 44.522 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.840 | 198  | 350591   | 40.666 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.963 | 169  | 1481795  | 40.289 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.645 | 248  | 581268   | 37.755 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.763 | 284  | 624852   | 37.864 | ng    | 98       |
| 69) Atrazine                  | 16.922 | 200  | 511676   | 39.625 | ng    | 99       |
| 70) Pentachlorophenol         | 17.116 | 266  | 469373   | 39.437 | ng    | 99       |
| 71) Phenanthrene              | 17.510 | 178  | 2574118  | 39.588 | ng    | 100      |
| 72) Anthracene                | 17.604 | 178  | 2638754  | 39.717 | ng    | 99       |
| 73) Carbazole                 | 17.869 | 167  | 2317819  | 40.443 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.398 | 149  | 2988258  | 41.703 | ng    | 99       |
| 75) Fluoranthene              | 19.463 | 202  | 3009073  | 38.717 | ng    | 98       |
| 77) Benzidine                 | 19.645 | 184  | 695962   | 34.651 | ng    | 100      |
| 78) Pyrene                    | 19.822 | 202  | 3056311  | 41.405 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.675 | 149  | 1241783  | 44.373 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.533 | 228  | 2803426  | 39.728 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.457 | 252  | 892677   | 39.536 | ng    | 99       |
| 83) Chrysene                  | 21.592 | 228  | 2636057  | 39.447 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 1729533  | 42.128 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.398 | 149  | 2618887  | 39.298 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.762 | 276  | 2422634  | 36.635 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.310 | 252  | 2342038  | 41.791 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.363 | 252  | 2352971  | 42.347 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.974 | 252  | 2166138  | 40.524 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.780 | 278  | 2024118  | 36.818 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.586 | 276  | 1968355  | 36.128 | ng    | 99       |

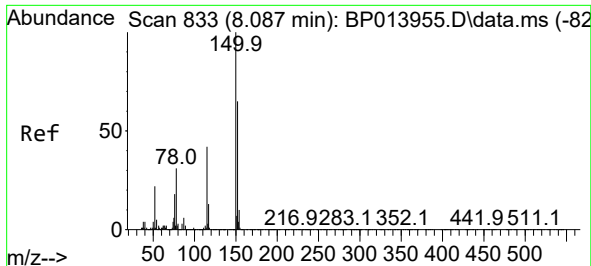
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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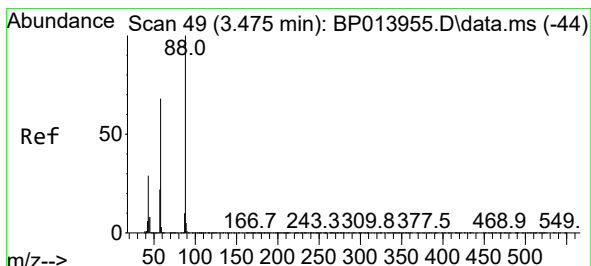
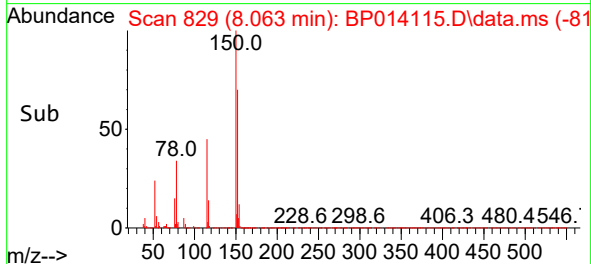
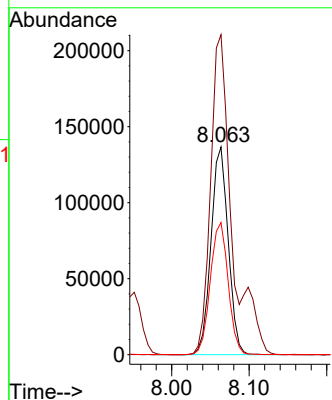
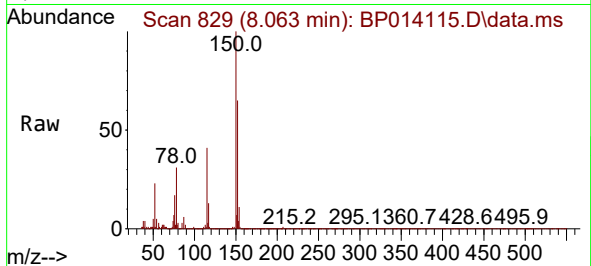




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.063 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BP014115.D  
 Acq: 17 Mar 2023 11:33

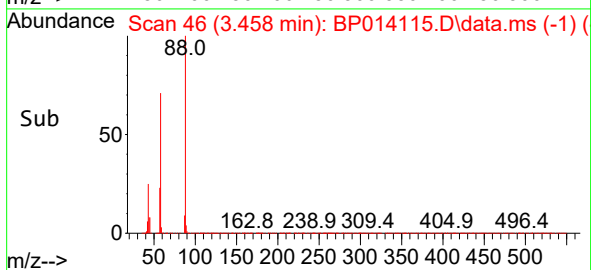
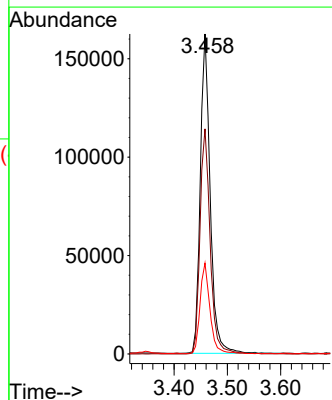
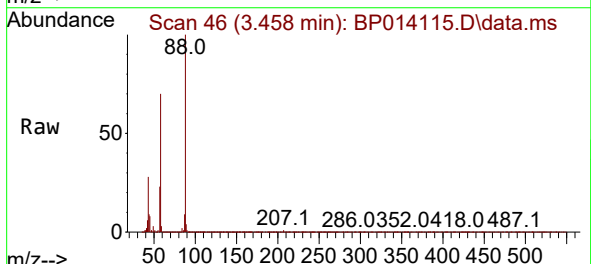
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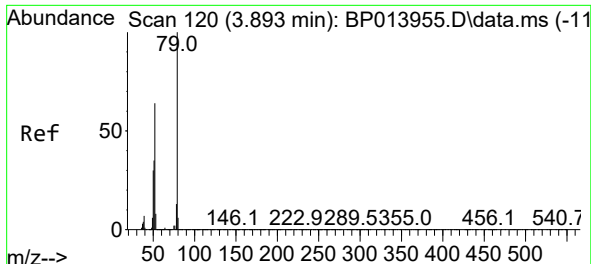
Tgt Ion:152 Resp: 210174  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 122.3 183.5  
 115 63.7 51.6 77.4



#2  
 1,4-Dioxane  
 Concen: 37.229 ng  
 RT: 3.458 min Scan# 46  
 Delta R.T. 0.000 min  
 Lab File: BP014115.D  
 Acq: 17 Mar 2023 11:33

Tgt Ion: 88 Resp: 209600  
 Ion Ratio Lower Upper  
 88 100  
 58 72.7 53.8 80.8  
 43 28.5 22.1 33.1

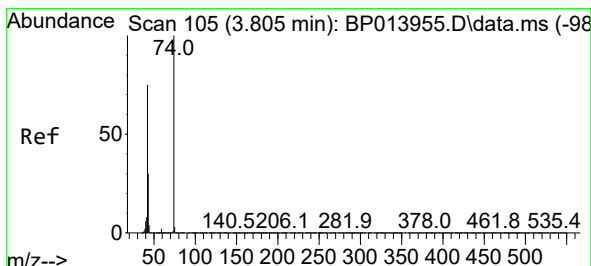
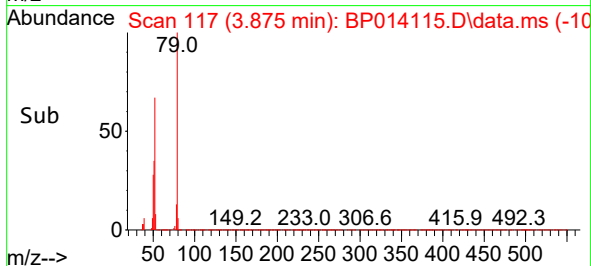
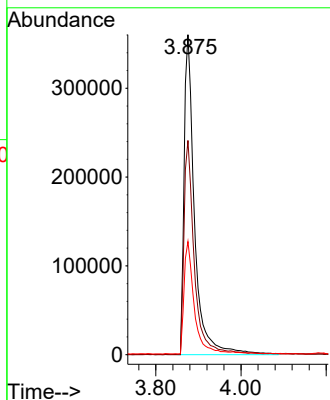
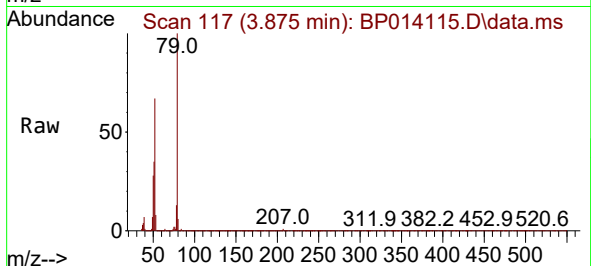




#3  
Pyridine  
Concen: 39.459 ng  
RT: 3.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

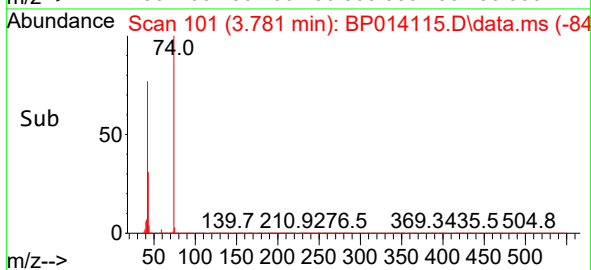
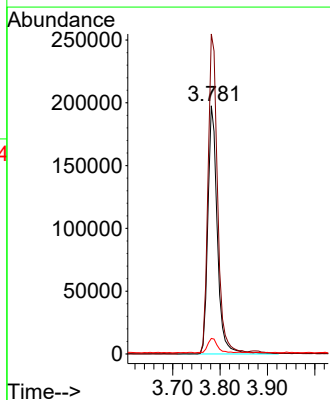
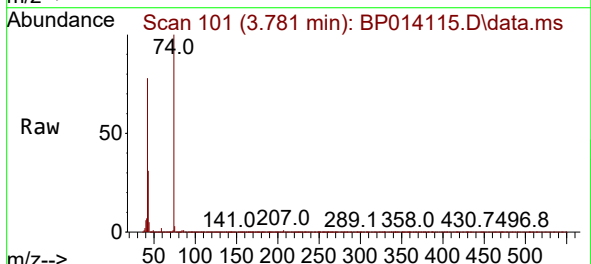
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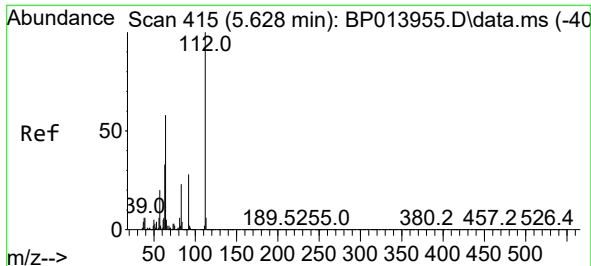
Tgt Ion: 79 Resp: 616949  
Ion Ratio Lower Upper  
79 100  
52 67.0 51.0 76.4  
51 35.4 28.2 42.2



#4  
n-Nitrosodimethylamine  
Concen: 39.359 ng  
RT: 3.781 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 42 Resp: 273162  
Ion Ratio Lower Upper  
42 100  
74 128.9 107.0 160.6  
44 6.3 4.5 6.7

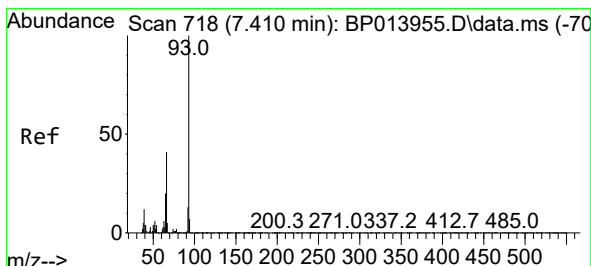
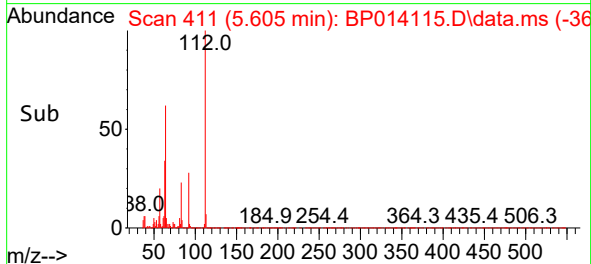
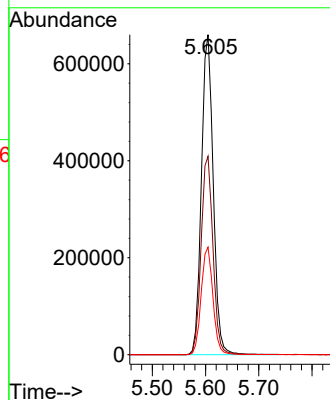
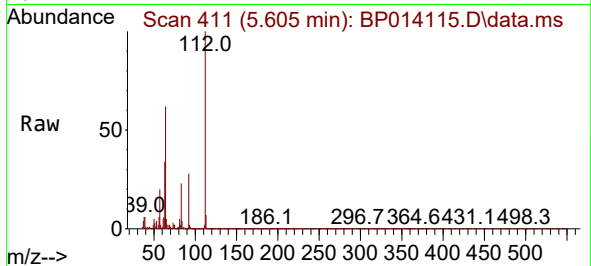




#5  
2-Fluorophenol  
Concen: 78.274 ng  
RT: 5.605 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

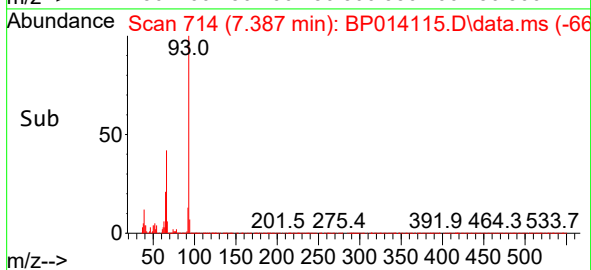
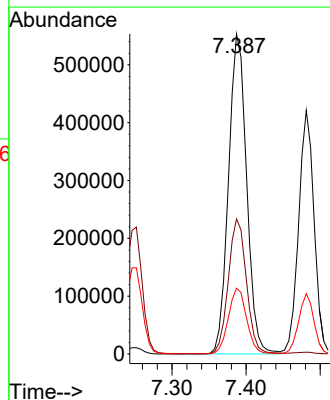
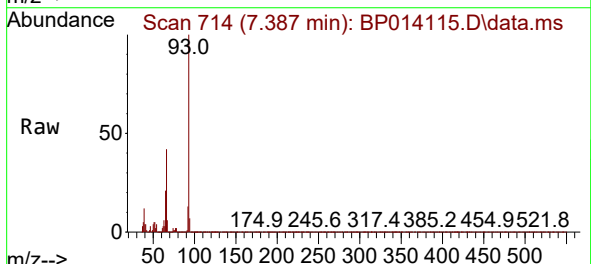
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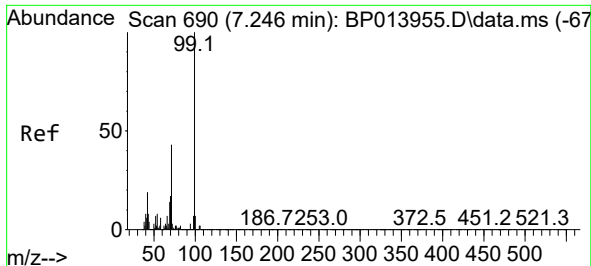
Tgt Ion:112 Resp: 1014410  
Ion Ratio Lower Upper  
112 100  
64 62.0 46.7 70.1  
63 33.6 26.6 40.0



#6  
Aniline  
Concen: 42.029 ng  
RT: 7.387 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 93 Resp: 939392  
Ion Ratio Lower Upper  
93 100  
66 42.2 32.6 48.8  
65 20.5 16.0 24.0

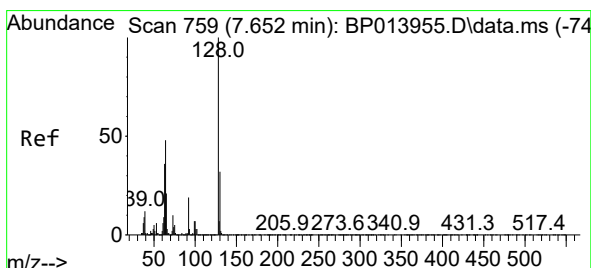
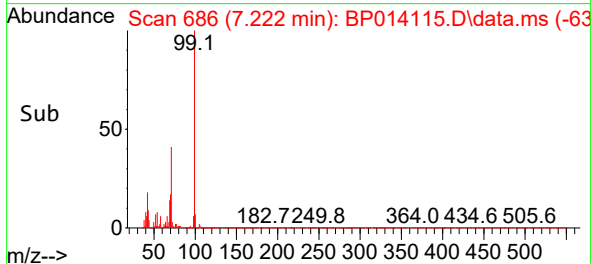
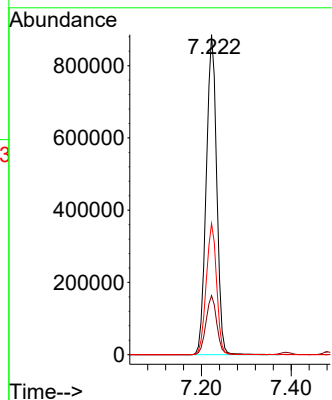
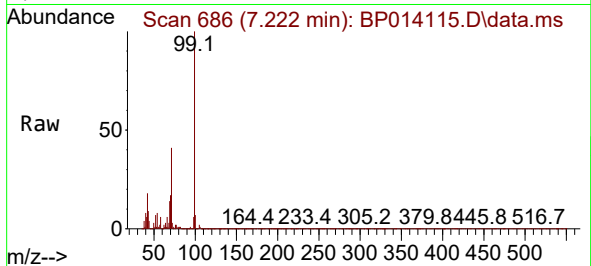




#7  
Phenol-d6  
Concen: 84.111 ng  
RT: 7.222 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
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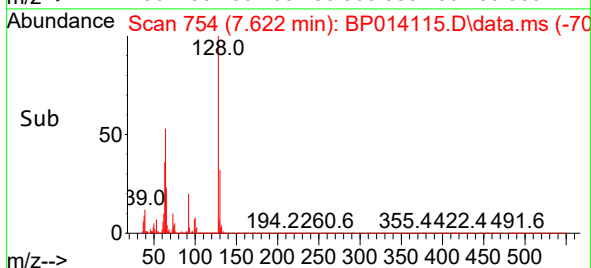
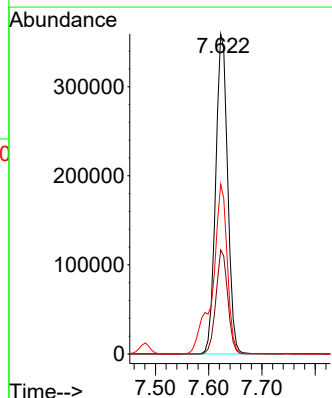
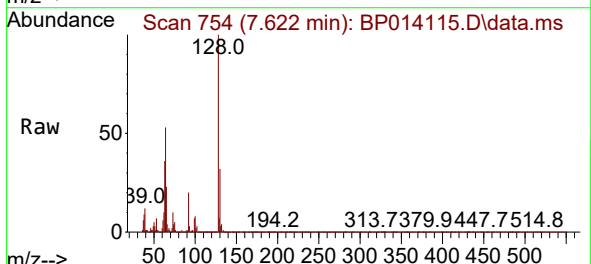
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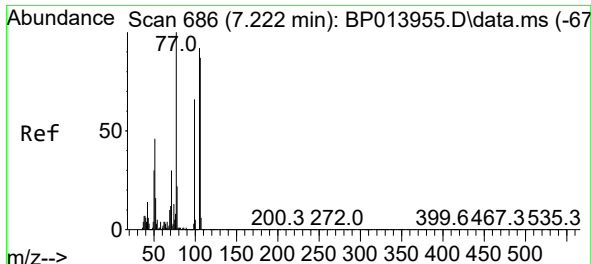
Tgt Ion: 99 Resp: 1431157  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.0 22.6  
71 41.0 34.3 51.5



#8  
2-Chlorophenol  
Concen: 40.514 ng  
RT: 7.622 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
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Tgt Ion:128 Resp: 562347  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.3 52.3  
64 53.1 27.6 67.6

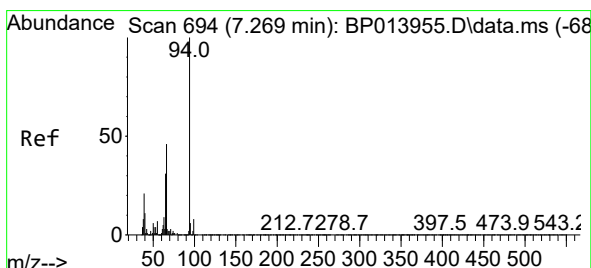
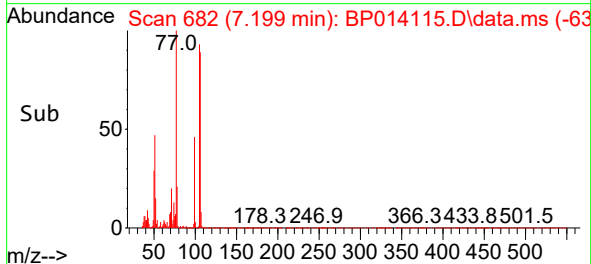
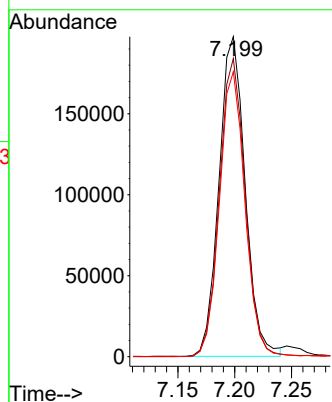
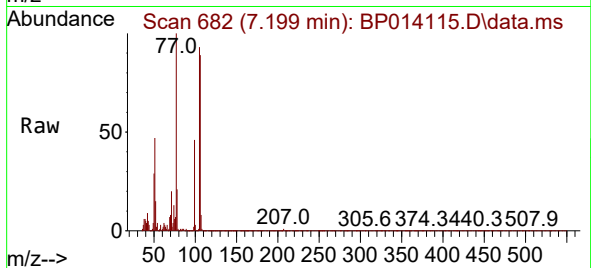




#9  
Benzaldehyde  
Concen: 37.133 ng  
RT: 7.199 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

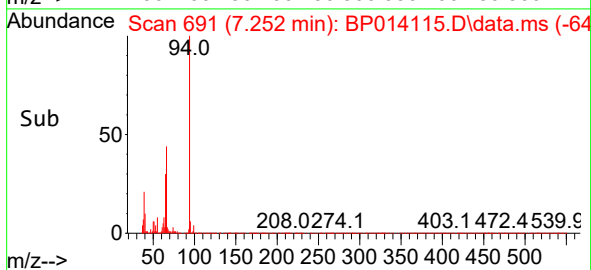
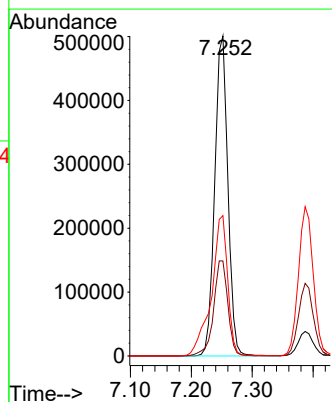
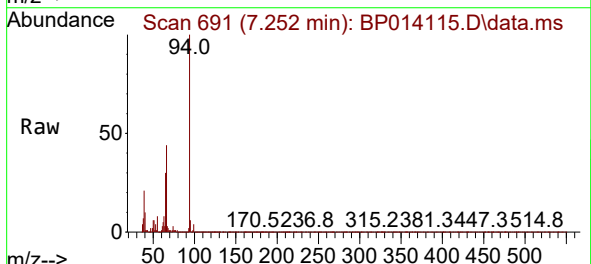
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

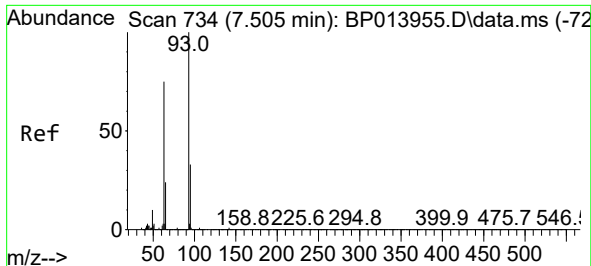
Tgt Ion: 77 Resp: 316177  
Ion Ratio Lower Upper  
77 100  
105 93.1 72.4 112.4  
106 89.1 66.9 106.9



#10  
Phenol  
Concen: 42.456 ng  
RT: 7.252 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 94 Resp: 751851  
Ion Ratio Lower Upper  
94 100  
65 29.7 10.9 50.9  
66 43.8 26.1 66.1

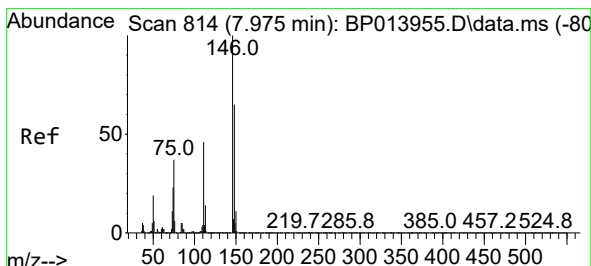
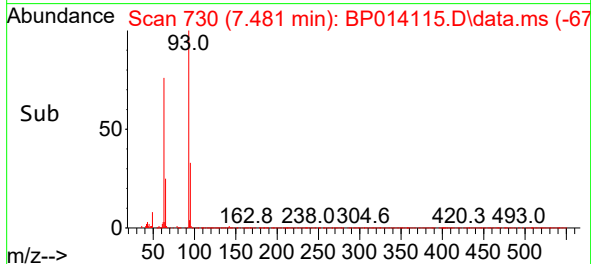
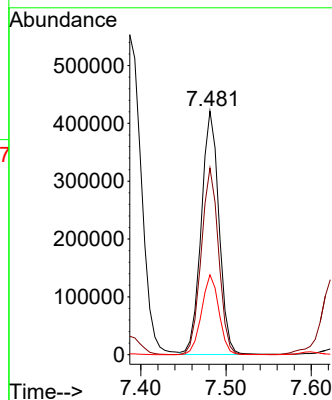
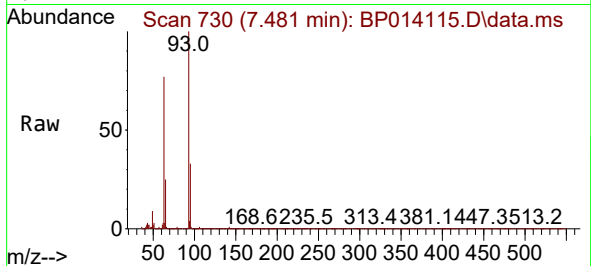




#11  
bis(2-Chloroethyl)ether  
Concen: 43.487 ng  
RT: 7.481 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

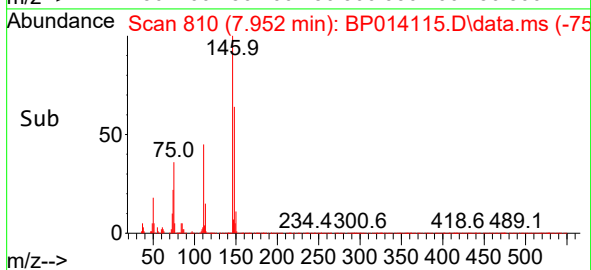
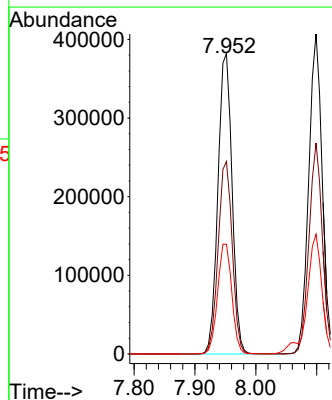
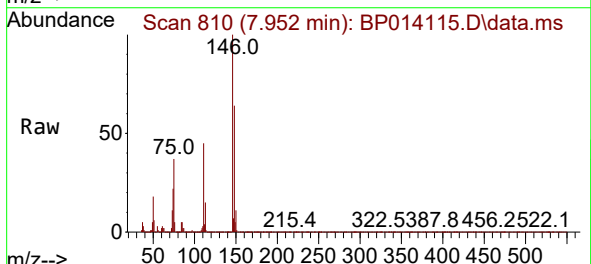
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

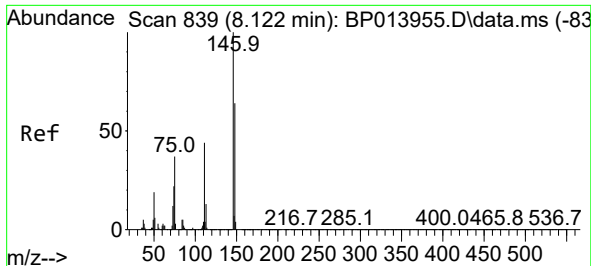
Tgt Ion: 93 Resp: 609752  
Ion Ratio Lower Upper  
93 100  
63 76.6 54.2 94.2  
95 32.8 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 40.268 ng  
RT: 7.952 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:146 Resp: 614205  
Ion Ratio Lower Upper  
146 100  
148 64.1 52.1 78.1  
75 36.5 29.4 44.0

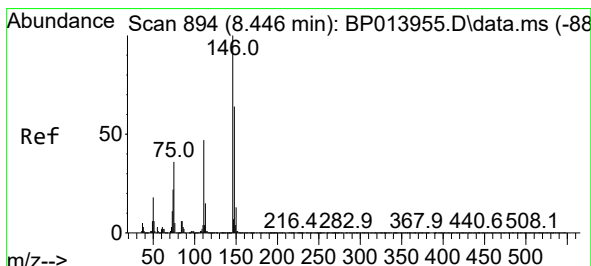
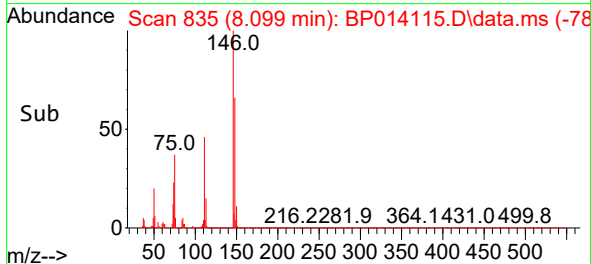
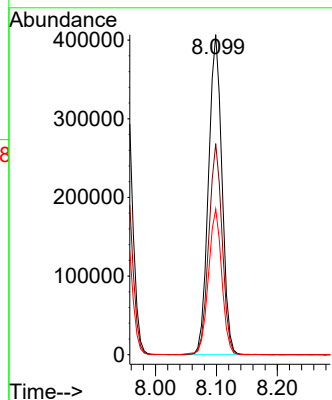
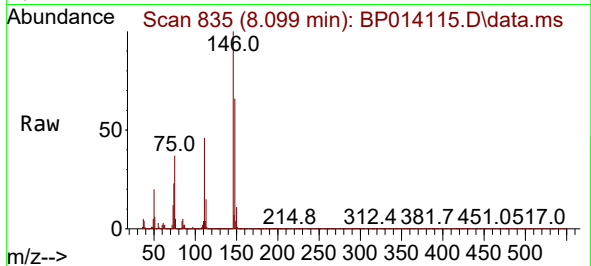




#13  
1,4-Dichlorobenzene  
Concen: 40.541 ng  
RT: 8.099 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

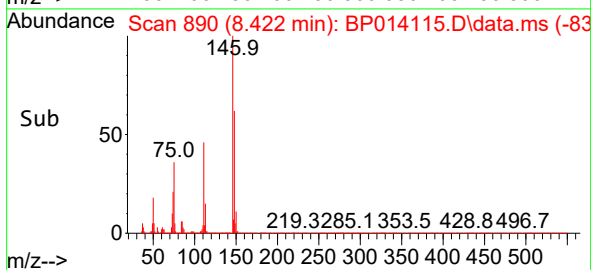
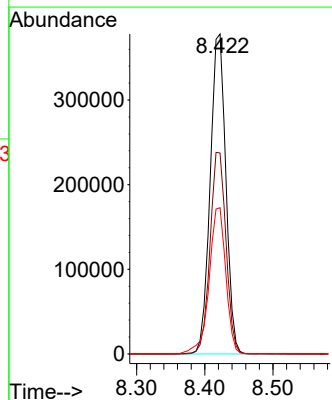
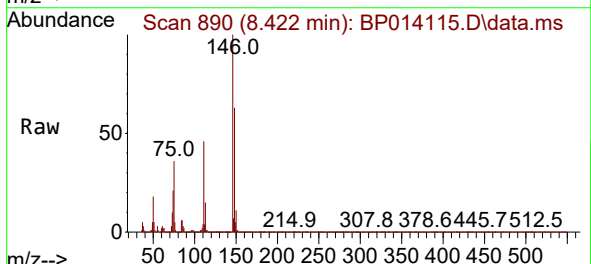
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

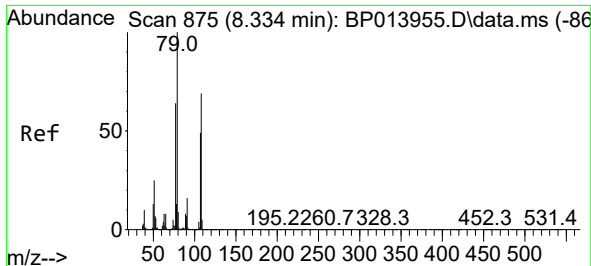
Tgt Ion:146 Resp: 625594  
Ion Ratio Lower Upper  
146 100  
148 65.9 51.4 77.2  
111 45.5 35.1 52.7



#14  
1,2-Dichlorobenzene  
Concen: 40.863 ng  
RT: 8.422 min Scan# 890  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:146 Resp: 603951  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.4 77.0  
111 45.7 37.2 55.8

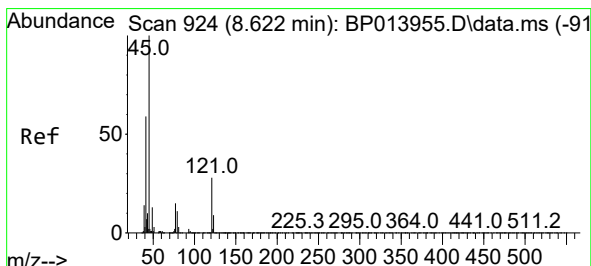
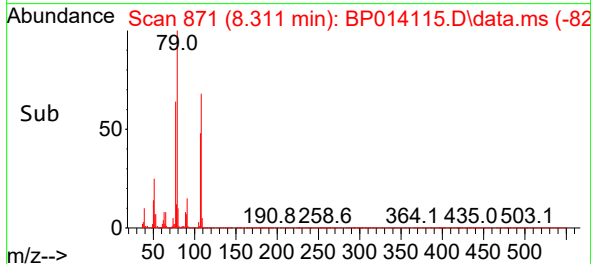
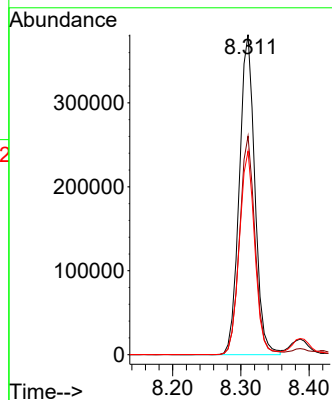
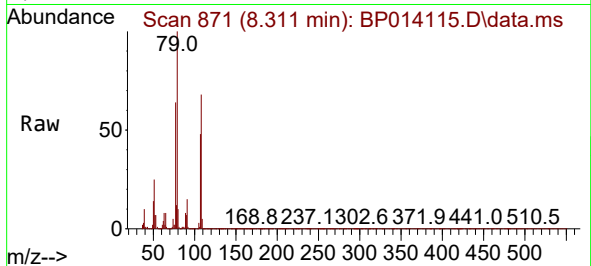




#15  
Benzyl Alcohol  
Concen: 43.468 ng  
RT: 8.311 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

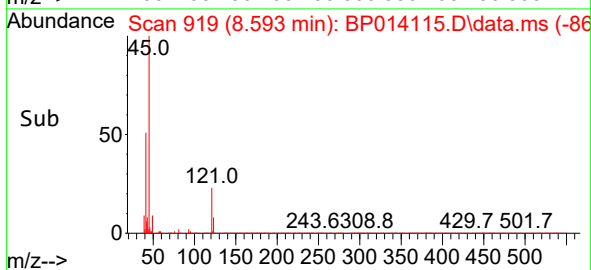
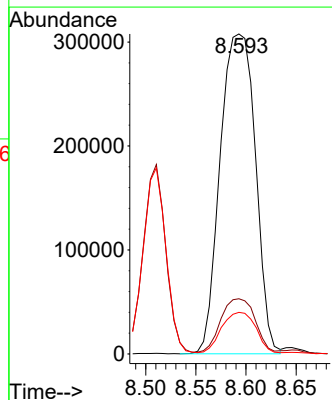
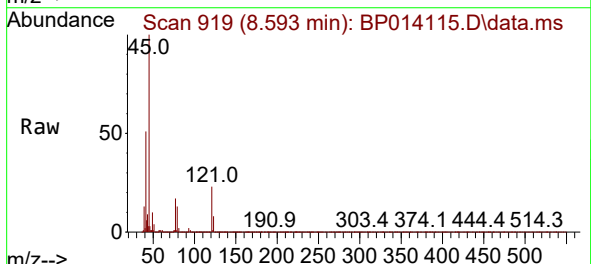
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

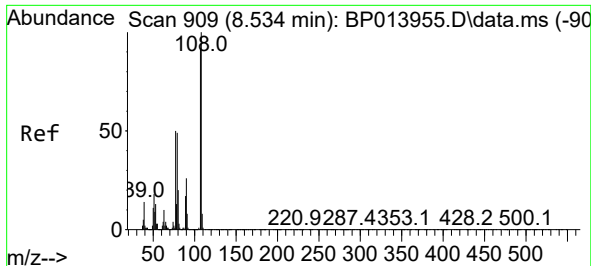
Tgt Ion: 79 Resp: 603019  
Ion Ratio Lower Upper  
79 100  
108 68.3 54.9 82.3  
77 63.6 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.303 ng  
RT: 8.593 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 45 Resp: 752617  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 38.7  
79 13.0 0.0 34.4





#17

2-Methylphenol

Concen: 43.422 ng

RT: 8.511 min Scan# 90

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 548408

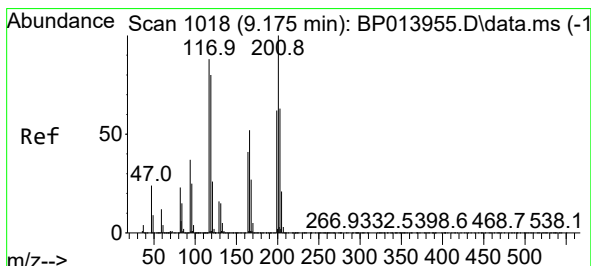
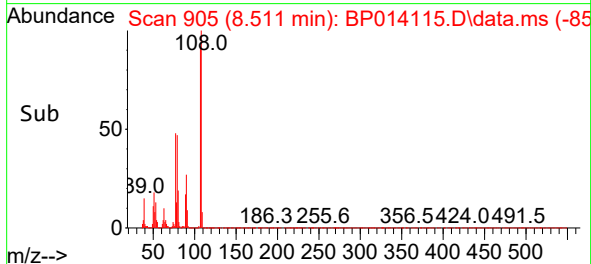
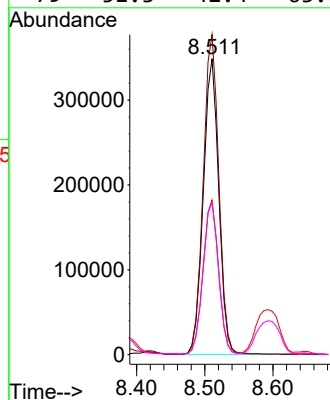
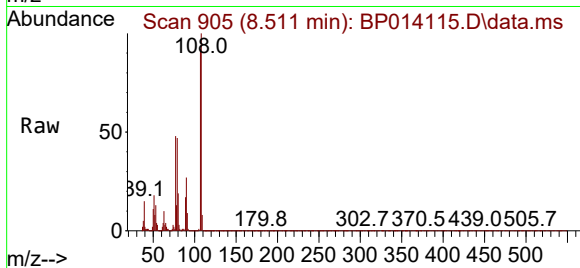
Ion Ratio Lower Upper

107 100

108 108.1 87.0 130.4

77 52.2 44.0 66.0

79 51.3 42.4 63.6



#18

Hexachloroethane

Concen: 41.292 ng

RT: 9.152 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

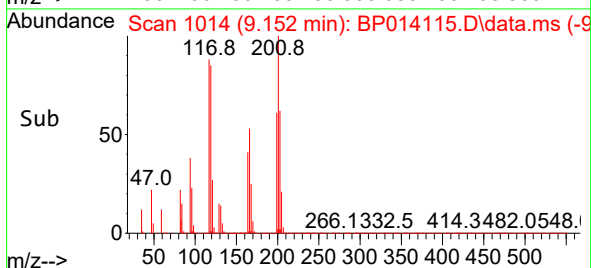
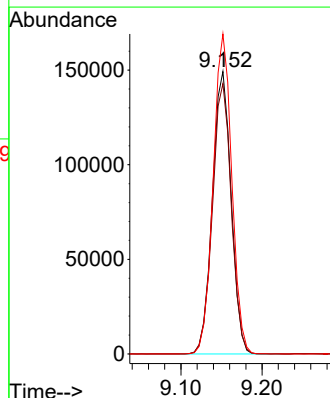
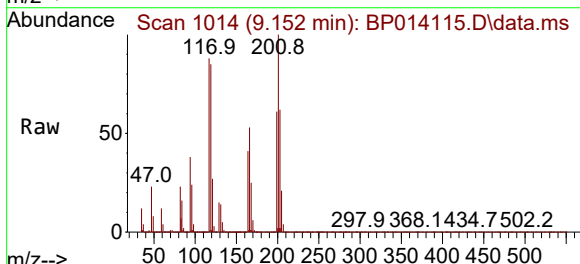
Tgt Ion:117 Resp: 239362

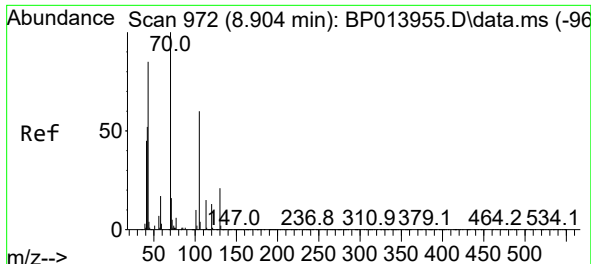
Ion Ratio Lower Upper

117 100

119 95.8 73.3 109.9

201 113.3 91.1 136.7

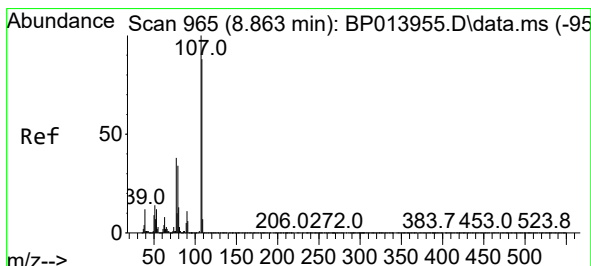
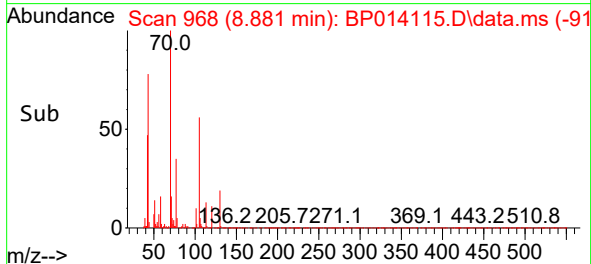
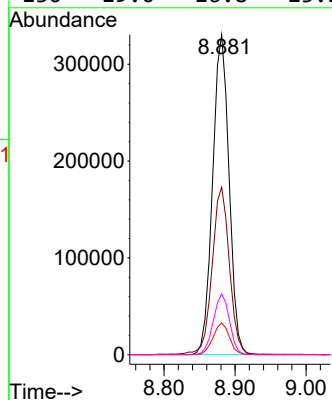
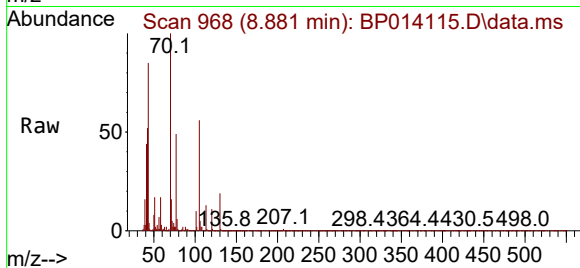




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.236 ng  
RT: 8.881 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

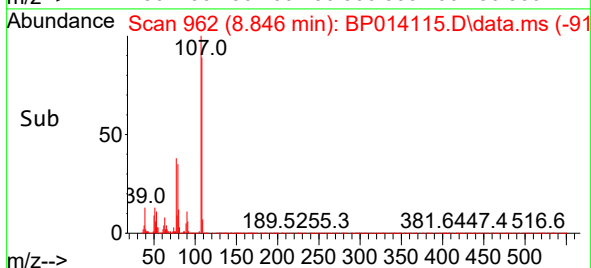
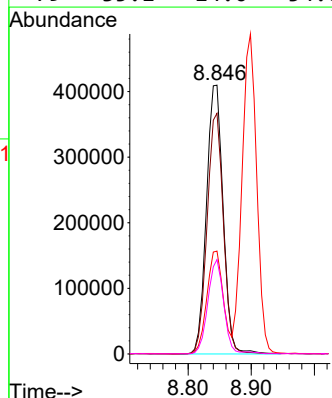
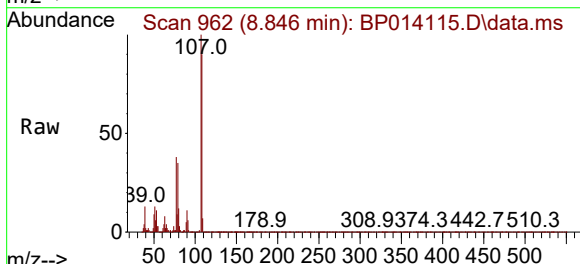
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

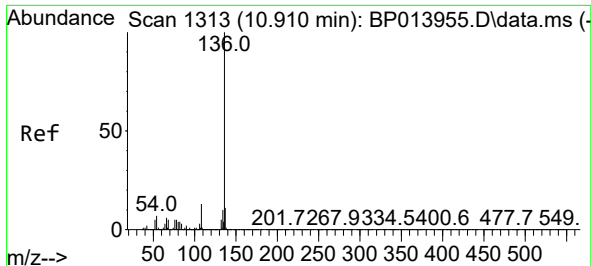
Tgt Ion: 70 Resp: 529022  
Ion Ratio Lower Upper  
70 100  
42 52.4 42.4 63.6  
101 9.9 8.2 12.4  
130 19.0 16.8 25.2



#20  
3+4-Methylphenols  
Concen: 44.132 ng  
RT: 8.846 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 107 Resp: 750656  
Ion Ratio Lower Upper  
107 100  
108 89.5 68.2 108.2  
77 38.3 18.1 58.1  
79 35.1 14.0 54.0

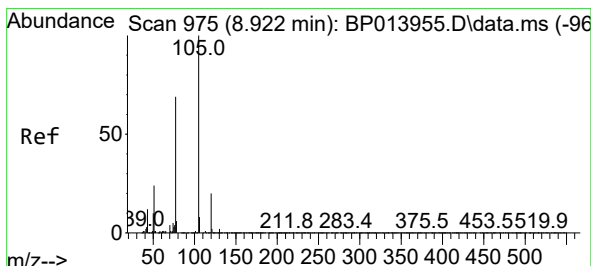
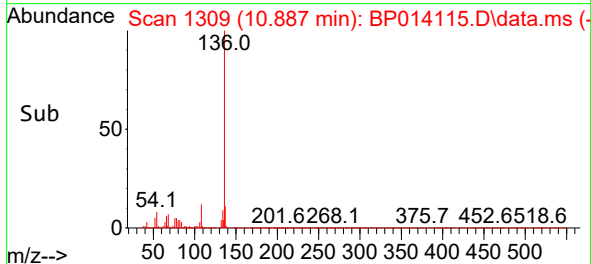
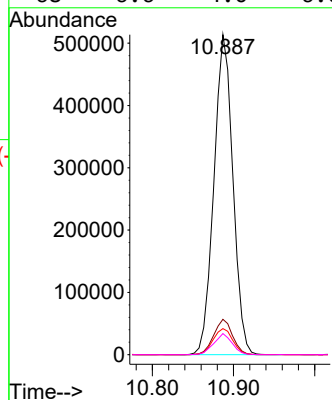
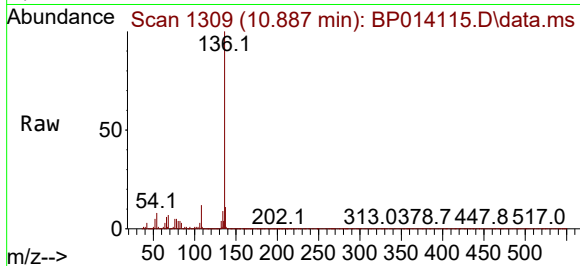




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.887 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

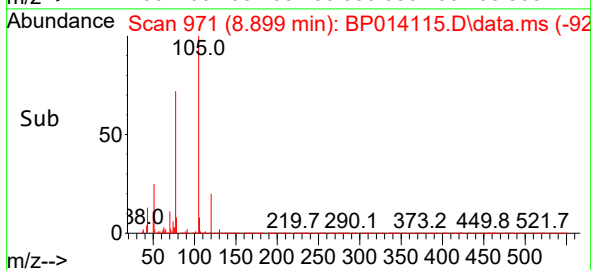
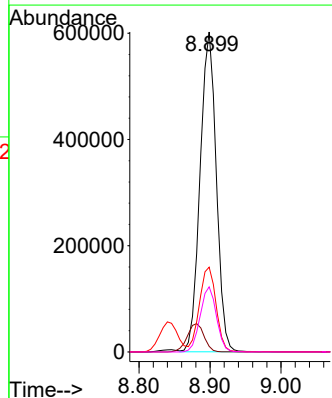
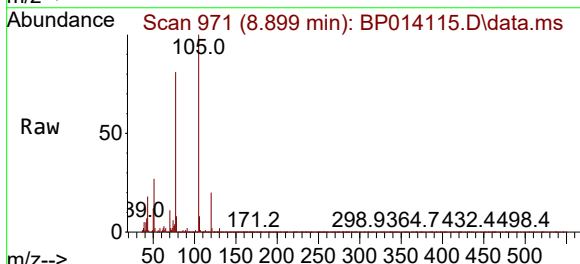
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

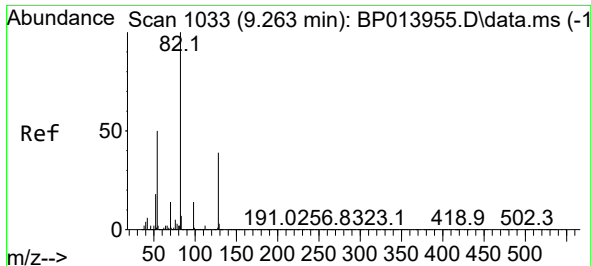
Tgt Ion:136 Resp: 834715  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 8.2 5.8 8.8  
68 6.6 4.0 6.0#



#22  
Acetophenone  
Concen: 40.910 ng  
RT: 8.899 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:105 Resp: 957857  
Ion Ratio Lower Upper  
105 100  
71 1.8 1.4 2.0  
51 26.5 21.5 32.3  
120 20.3 16.2 24.4

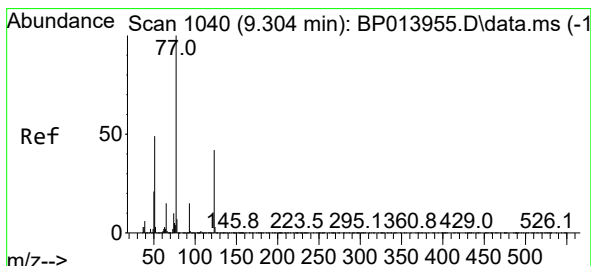
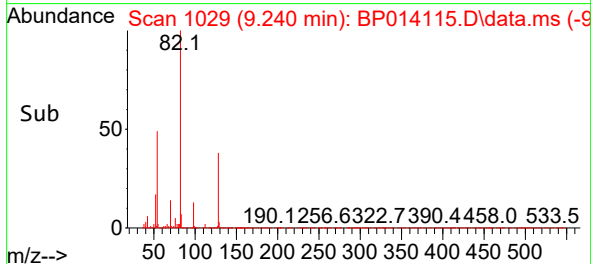
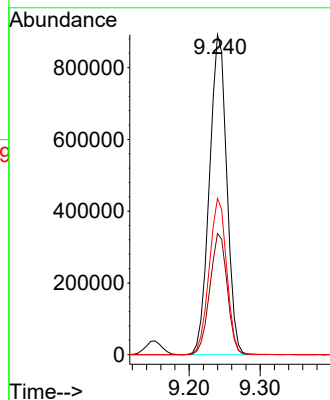
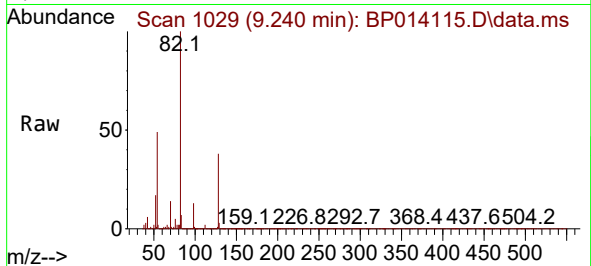




#23  
Nitrobenzene-d5  
Concen: 82.819 ng  
RT: 9.240 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

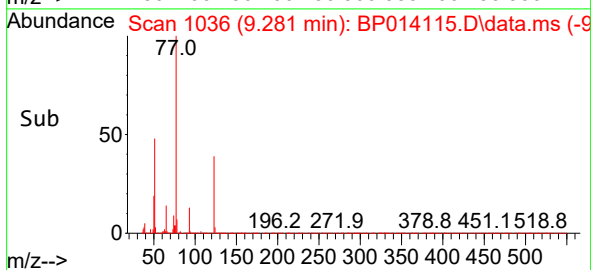
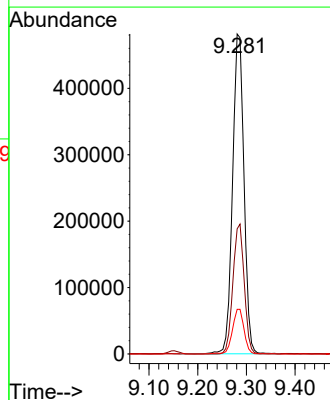
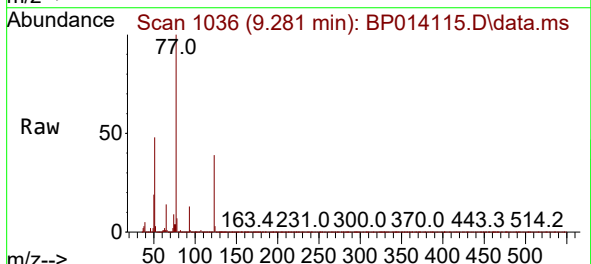
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

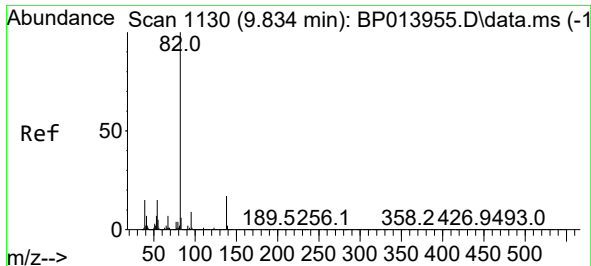
Tgt Ion: 82 Resp: 1512510  
Ion Ratio Lower Upper  
82 100  
128 37.9 31.1 46.7  
54 48.8 40.0 60.0



#24  
Nitrobenzene  
Concen: 41.824 ng  
RT: 9.281 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 77 Resp: 781535  
Ion Ratio Lower Upper  
77 100  
123 39.1 33.6 50.4  
65 13.9 11.6 17.4

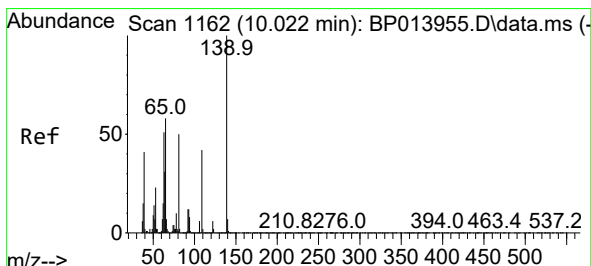
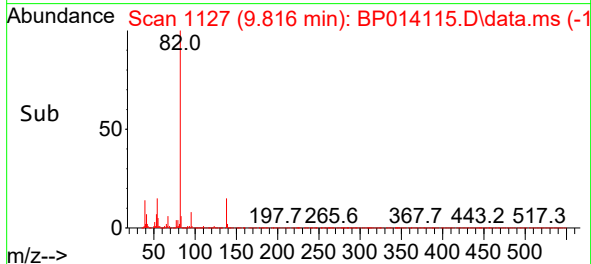
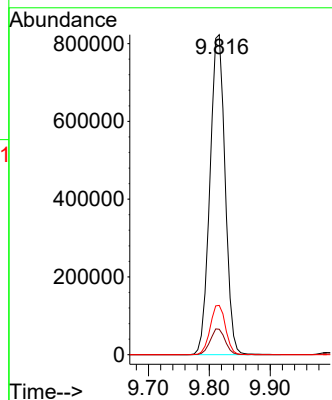
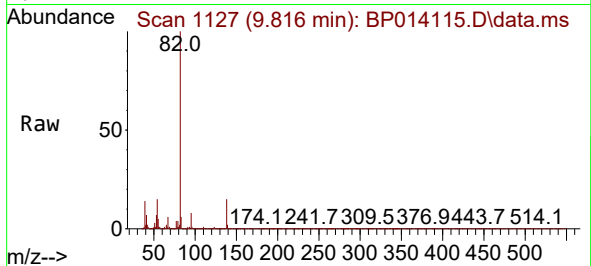




#25  
Isophorone  
Concen: 42.306 ng  
RT: 9.816 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

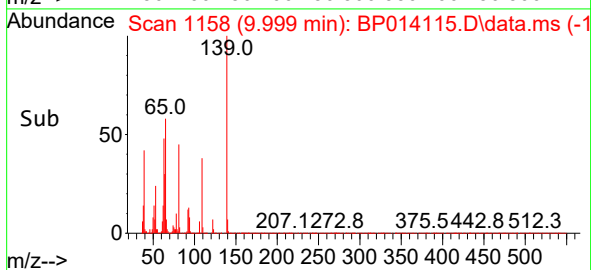
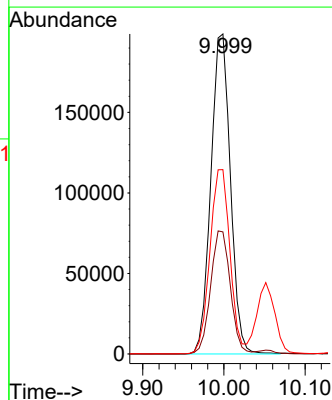
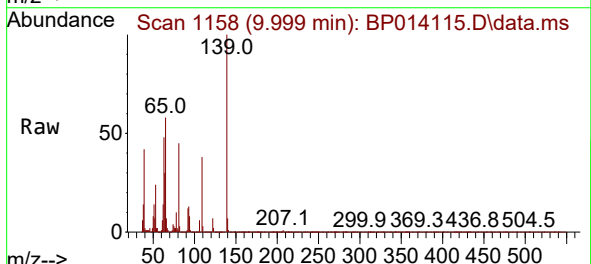
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

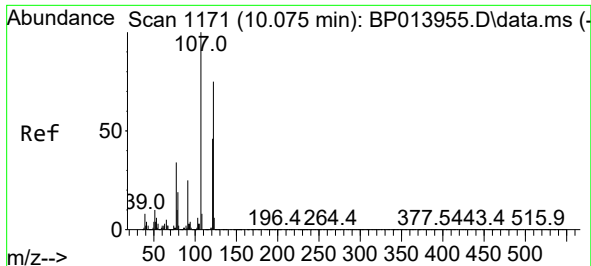
Tgt Ion: 82 Resp: 1423628  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.9 10.3  
138 15.4 13.3 19.9



#26  
2-Nitrophenol  
Concen: 40.902 ng  
RT: 9.999 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:139 Resp: 332456  
Ion Ratio Lower Upper  
139 100  
109 38.2 33.8 50.8  
65 57.6 46.6 70.0





#27

2,4-Dimethylphenol

Concen: 40.724 ng

RT: 10.052 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

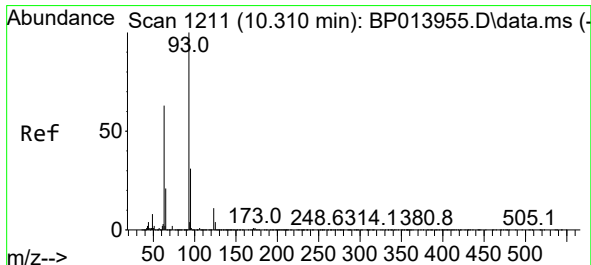
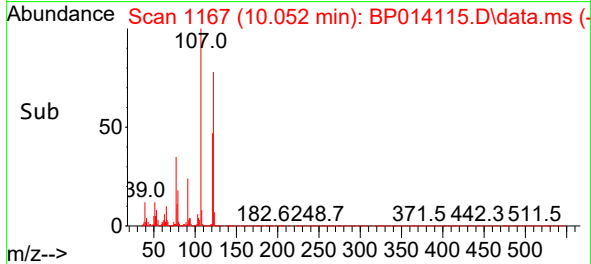
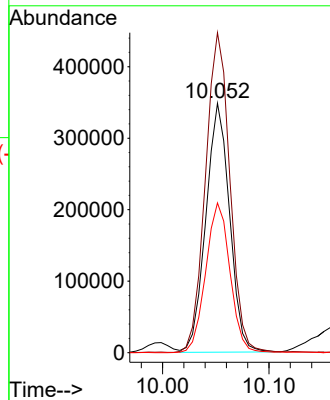
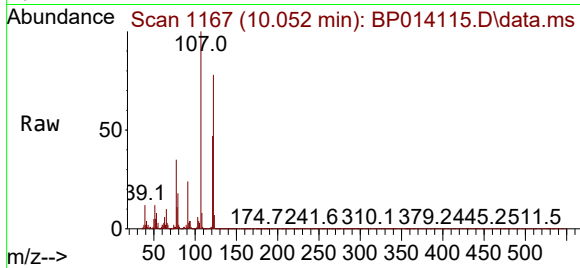
Tgt Ion:122 Resp: 538208

Ion Ratio Lower Upper

122 100

107 128.3 105.9 158.9

121 60.0 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.379 ng

RT: 10.287 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

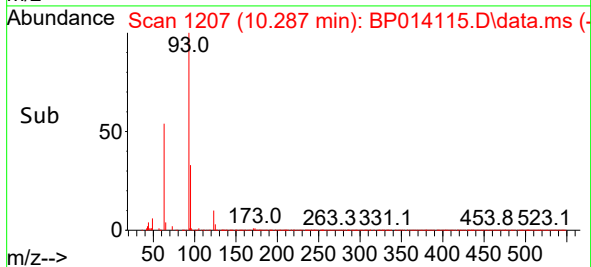
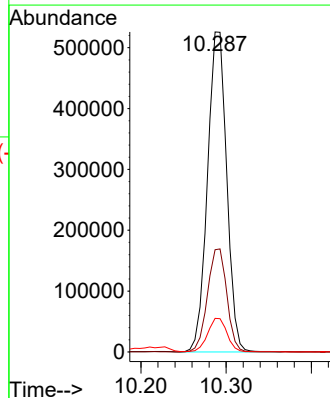
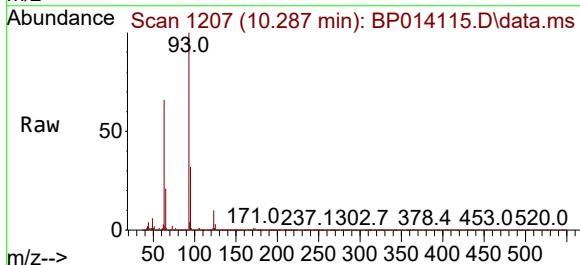
Tgt Ion: 93 Resp: 825411

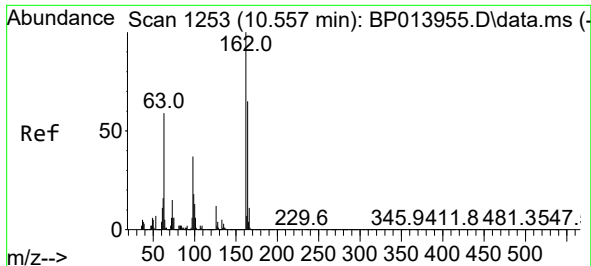
Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.6

123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 40.038 ng

RT: 10.534 min Scan# 1249

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

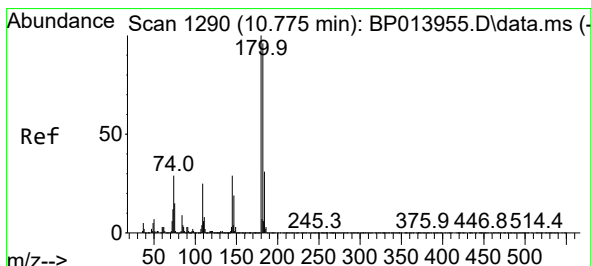
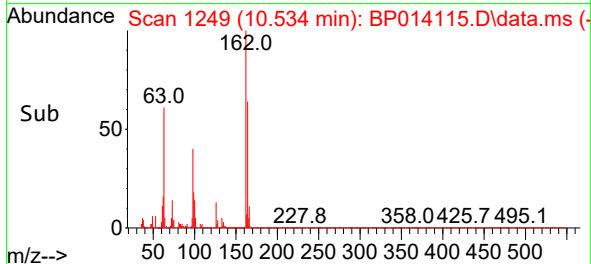
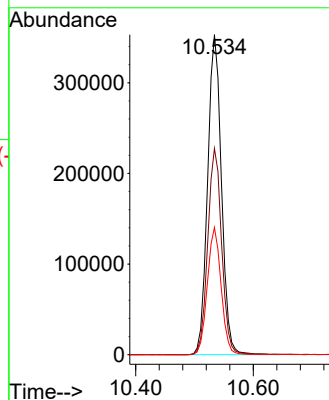
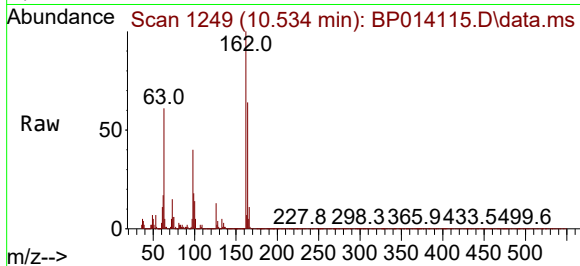
Tgt Ion:162 Resp: 579223

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 39.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.209 ng

RT: 10.746 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

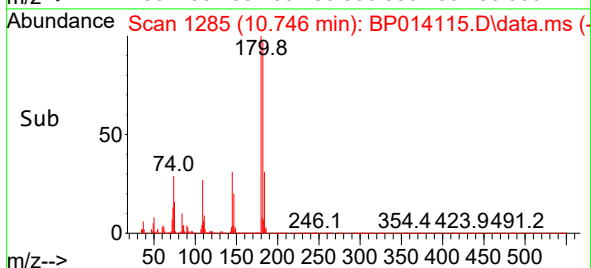
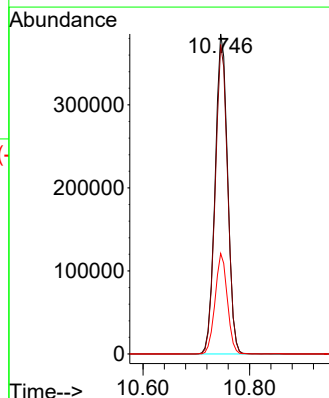
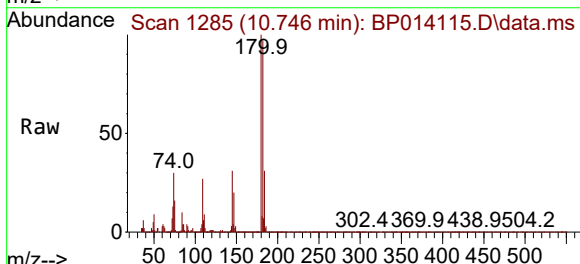
Tgt Ion:180 Resp: 627564

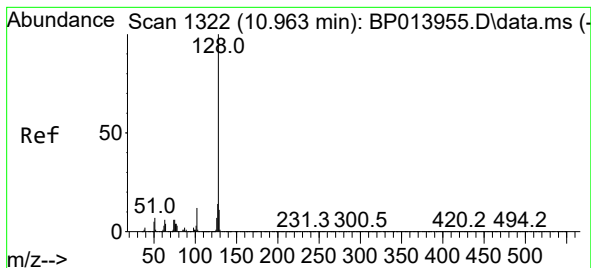
Ion Ratio Lower Upper

180 100

182 96.7 76.6 114.8

145 31.4 23.5 35.3

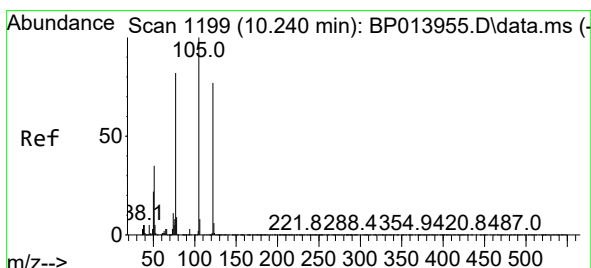
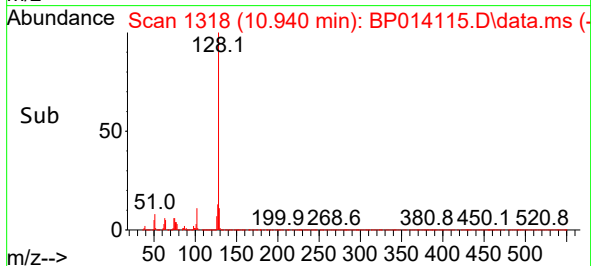
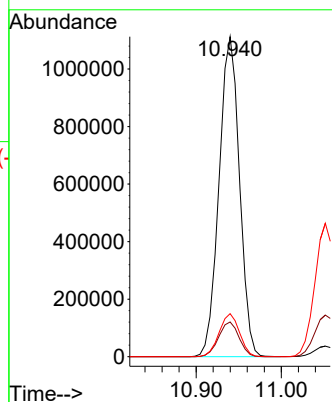
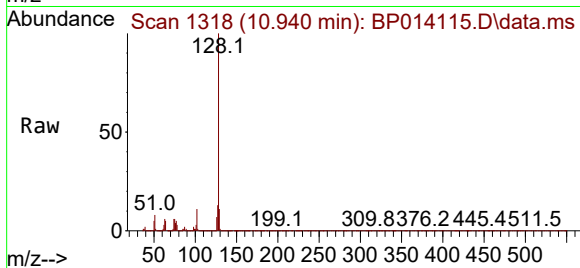




#31  
Naphthalene  
Concen: 40.394 ng  
RT: 10.940 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

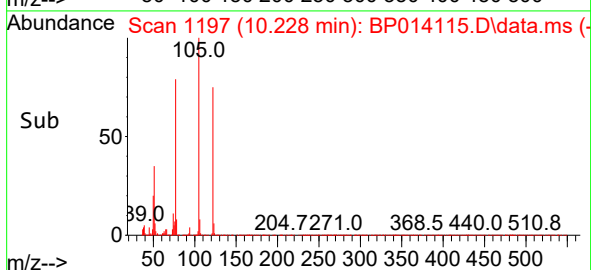
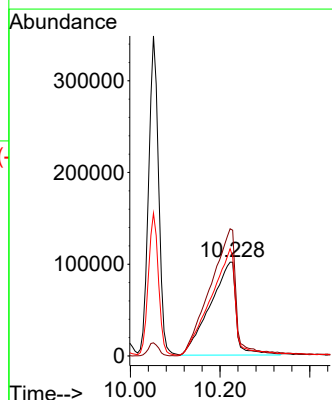
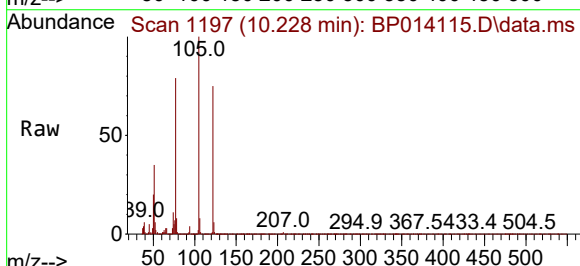
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

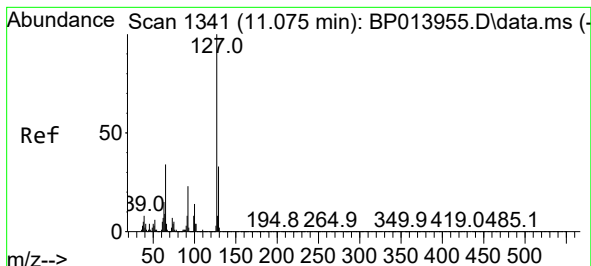
Tgt Ion:128 Resp: 1852718  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.4 11.2 16.8



#32  
Benzoic acid  
Concen: 37.806 ng  
RT: 10.228 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:122 Resp: 407405  
Ion Ratio Lower Upper  
122 100  
105 134.1 108.2 148.2  
77 106.0 85.2 125.2





#33

4-Chloroaniline

Concen: 41.466 ng

RT: 11.052 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 815300

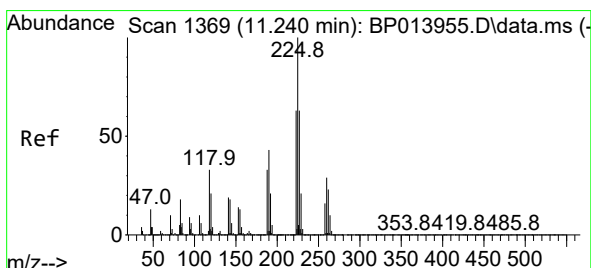
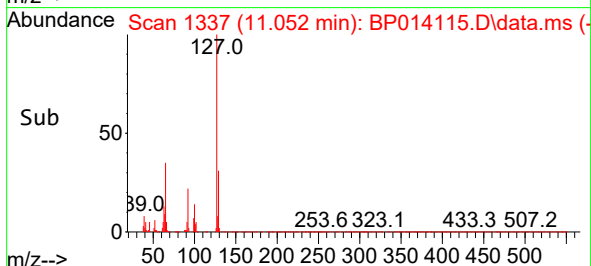
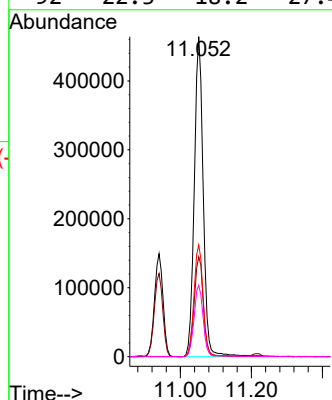
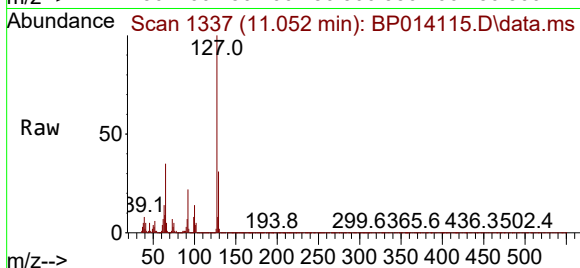
Ion Ratio Lower Upper

127 100

129 31.2 26.2 39.2

65 35.0 27.0 40.4

92 22.3 18.2 27.4



#34

Hexachlorobutadiene

Concen: 36.886 ng

RT: 11.216 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

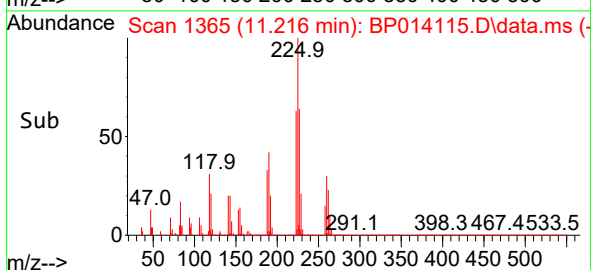
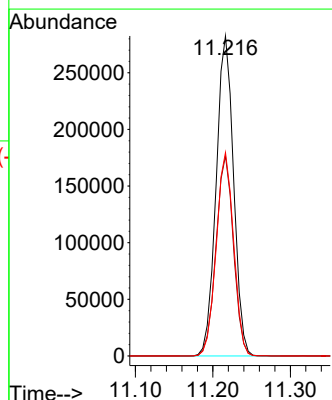
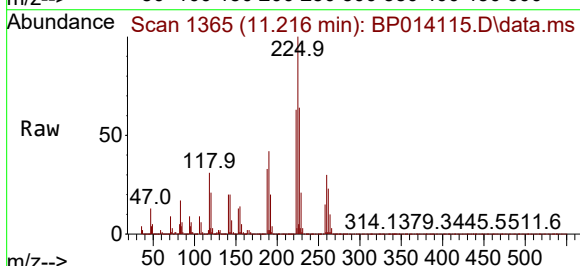
Tgt Ion:225 Resp: 440465

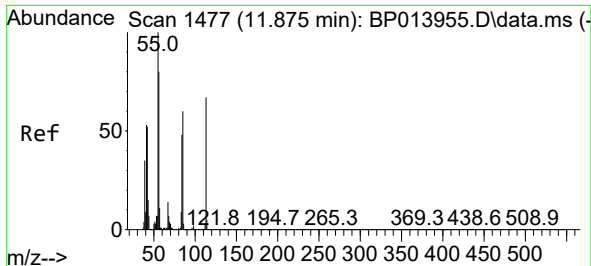
Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

227 63.6 50.2 75.4

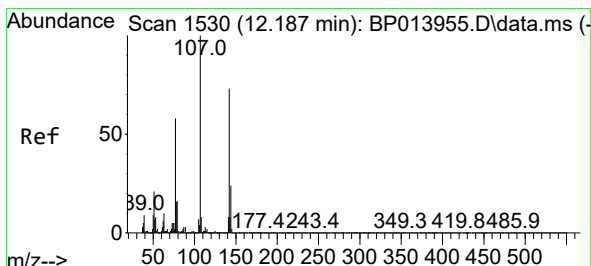
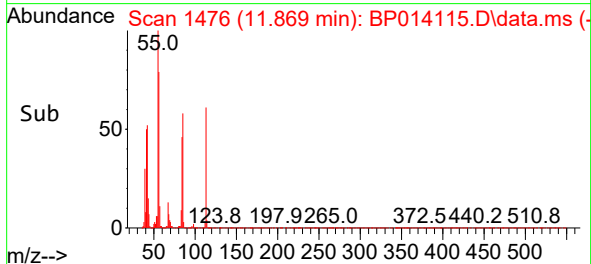
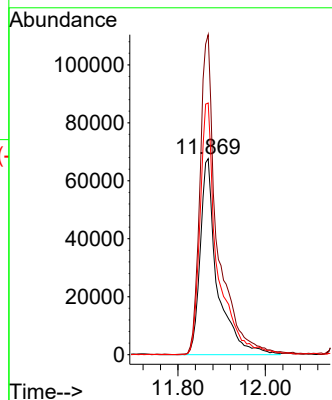
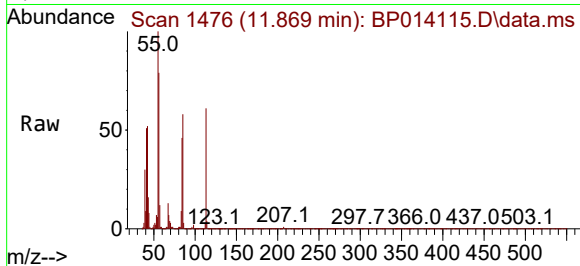




#35  
Caprolactam  
Concen: 44.518 ng  
RT: 11.869 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

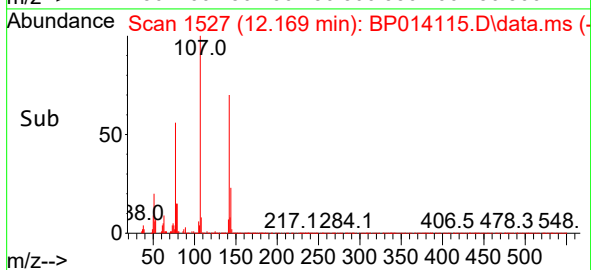
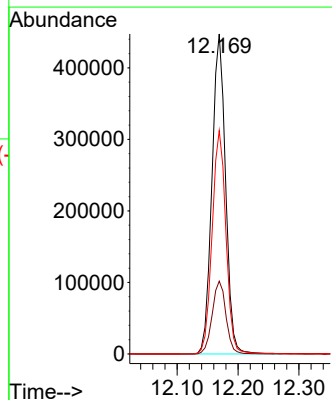
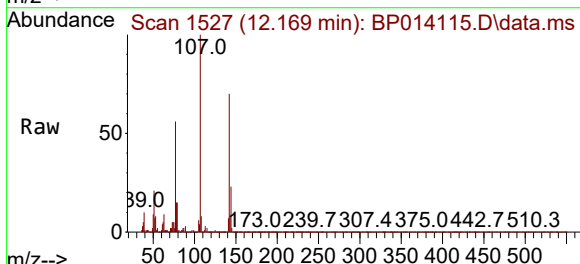
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

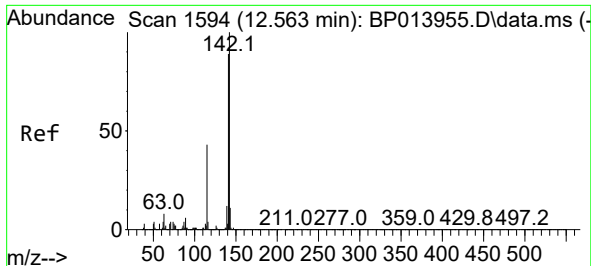
Tgt Ion:113 Resp: 184351  
Ion Ratio Lower Upper  
113 100  
55 163.2 128.9 168.9  
56 128.4 99.6 139.6



#36  
4-Chloro-3-methylphenol  
Concen: 42.961 ng  
RT: 12.169 min Scan# 1527  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:107 Resp: 693165  
Ion Ratio Lower Upper  
107 100  
144 22.8 19.3 28.9  
142 69.8 58.5 87.7

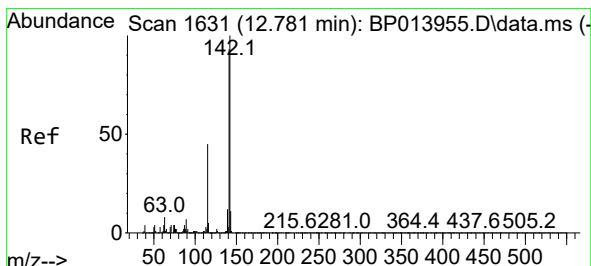
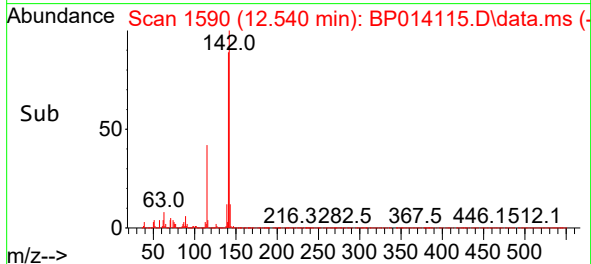
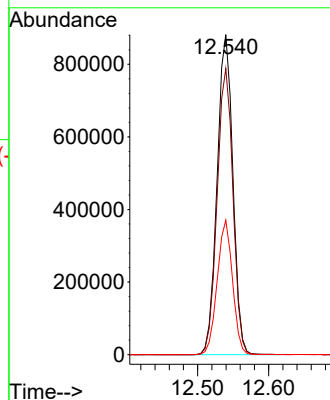
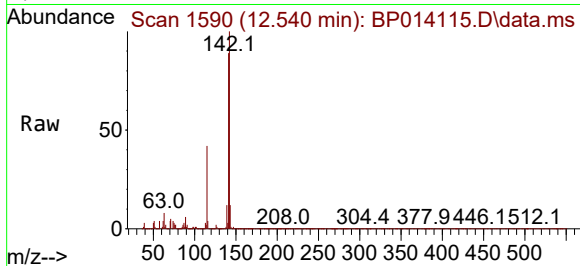




#37  
2-Methylnaphthalene  
Concen: 40.036 ng  
RT: 12.540 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

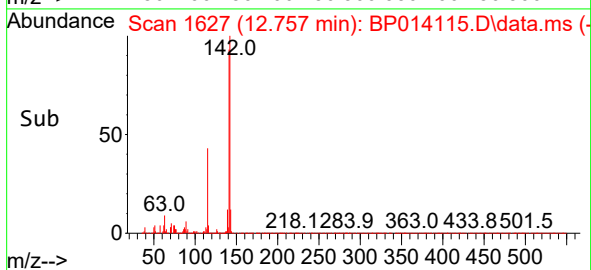
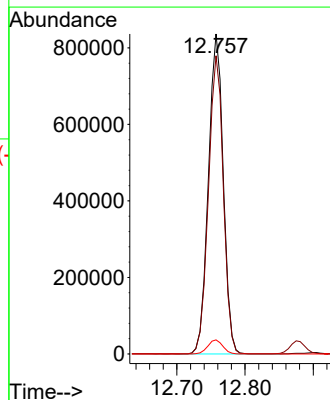
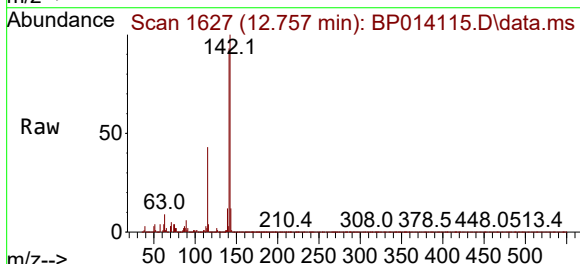
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

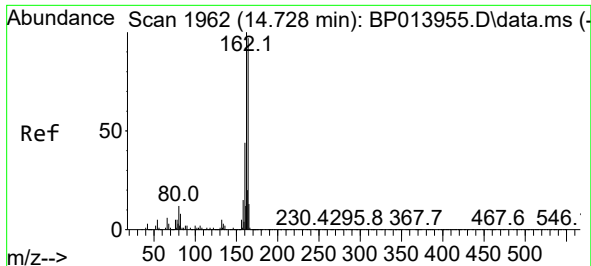
Tgt Ion:142 Resp: 1354743  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.0 106.4  
115 42.0 34.5 51.7



#38  
1-Methylnaphthalene  
Concen: 40.290 ng  
RT: 12.757 min Scan# 1627  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:142 Resp: 1270842  
Ion Ratio Lower Upper  
142 100  
141 93.2 74.4 111.6  
116 4.4 3.6 5.4

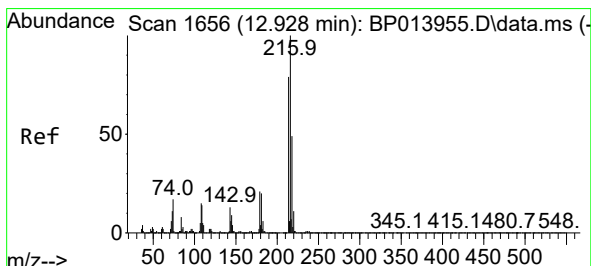
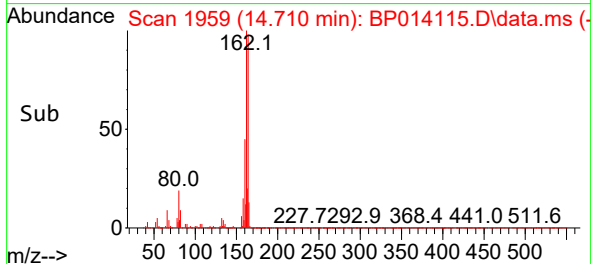
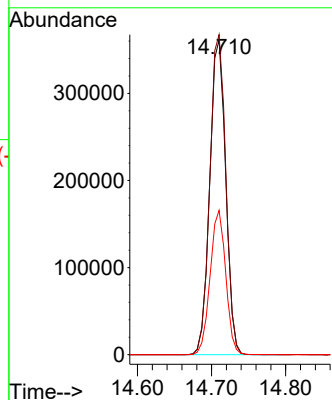
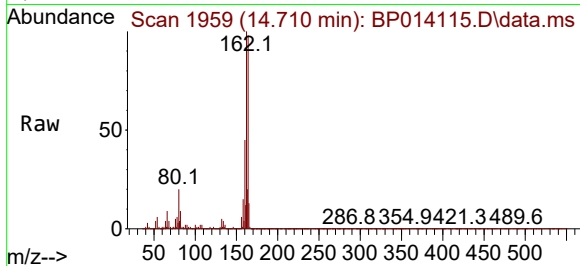




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

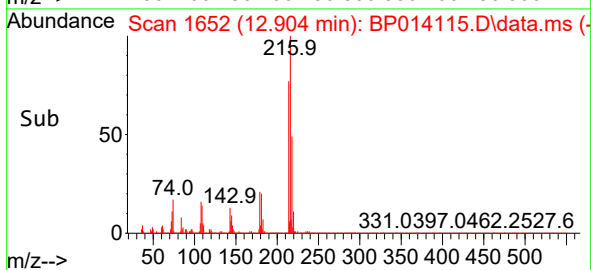
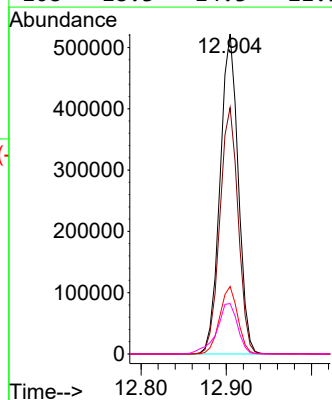
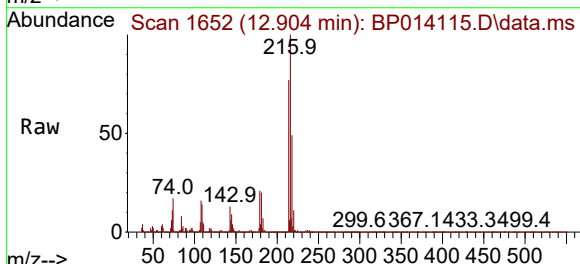
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

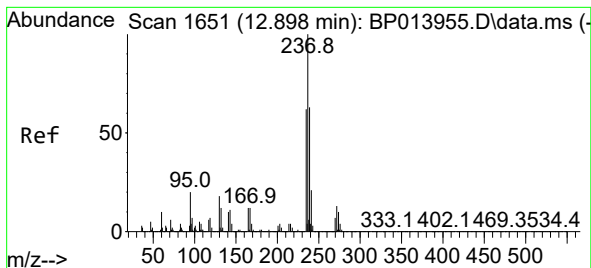
Tgt Ion:164 Resp: 538055  
Ion Ratio Lower Upper  
164 100  
162 101.6 82.1 123.1  
160 45.8 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.568 ng  
RT: 12.904 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:216 Resp: 770474  
Ion Ratio Lower Upper  
216 100  
214 77.8 62.2 93.2  
179 21.0 16.6 24.8  
108 18.3 14.3 21.5

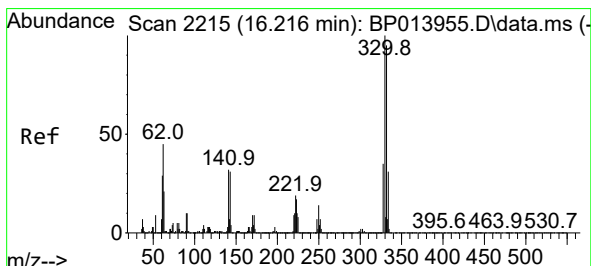
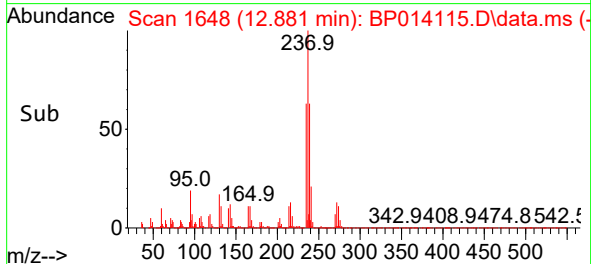
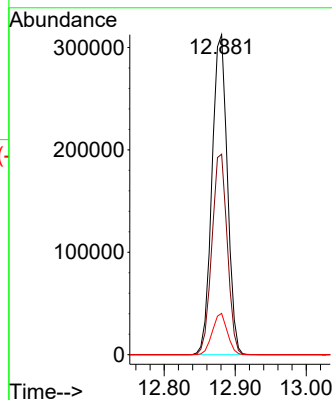
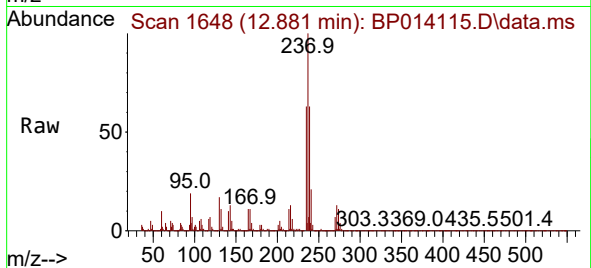




#41  
Hexachlorocyclopentadiene  
Concen: 36.531 ng  
RT: 12.881 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

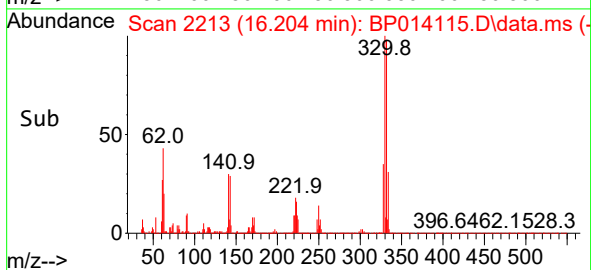
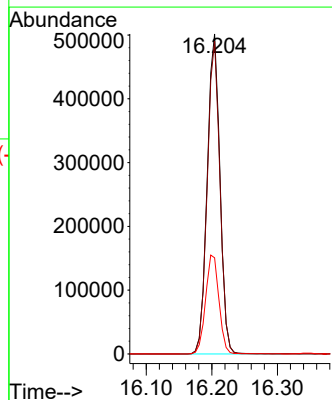
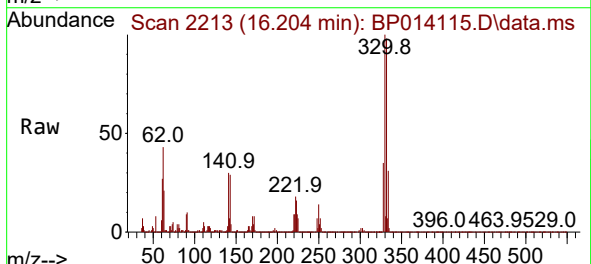
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

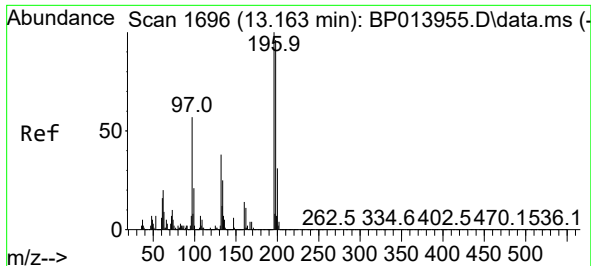
Tgt Ion:237 Resp: 470187  
Ion Ratio Lower Upper  
237 100  
235 62.6 41.9 81.9  
272 12.9 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 77.864 ng  
RT: 16.204 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:330 Resp: 679266  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.1 115.7  
141 32.4 25.6 38.4

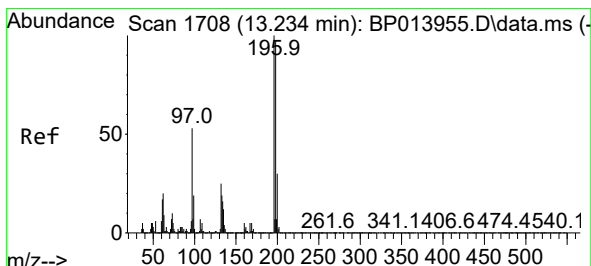
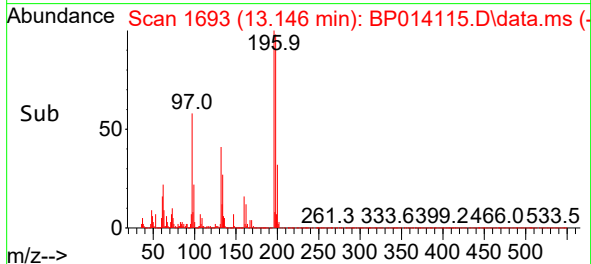
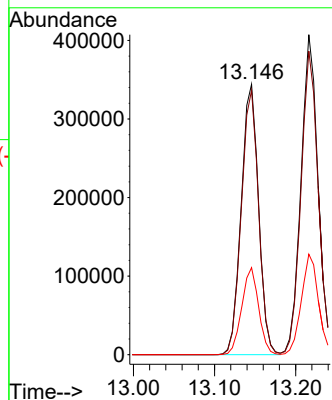
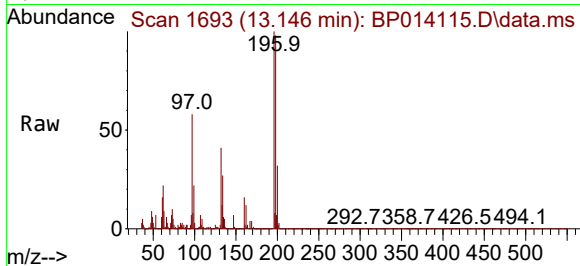




#43  
2,4,6-Trichlorophenol  
Concen: 39.417 ng  
RT: 13.146 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

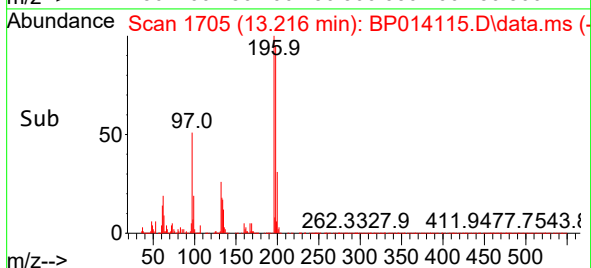
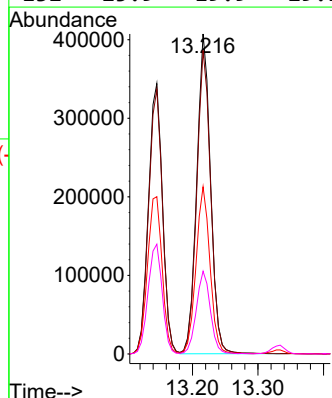
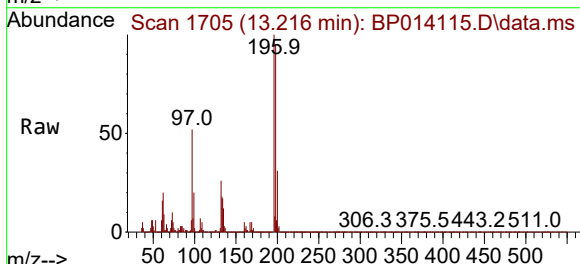
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

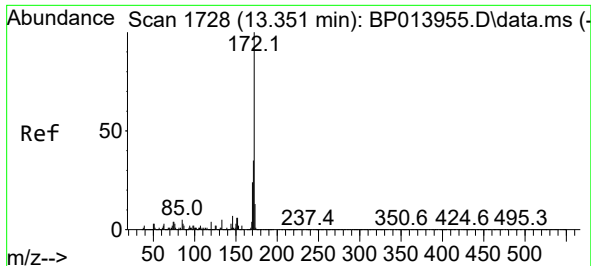
Tgt Ion:196 Resp: 510995  
Ion Ratio Lower Upper  
196 100  
198 97.8 76.7 115.1  
200 32.2 25.2 37.8



#44  
2,4,5-Trichlorophenol  
Concen: 39.887 ng  
RT: 13.216 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:196 Resp: 599188  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.5 116.3  
97 52.2 42.6 64.0  
132 25.9 19.9 29.9

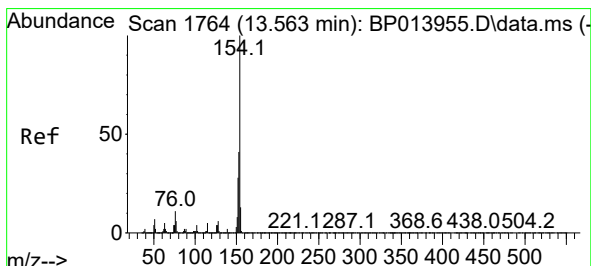
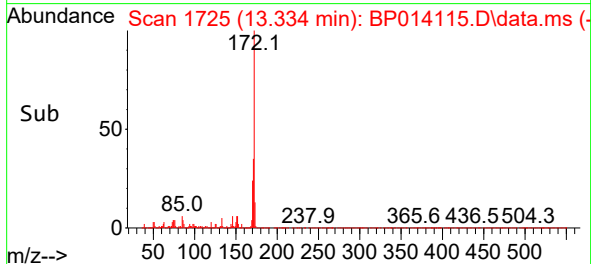
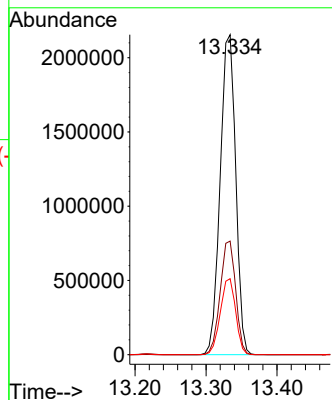
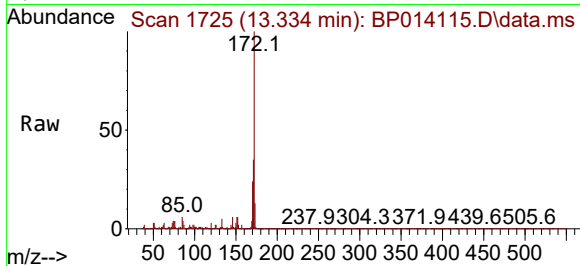




#45  
2-Fluorobiphenyl  
Concen: 78.376 ng  
RT: 13.334 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

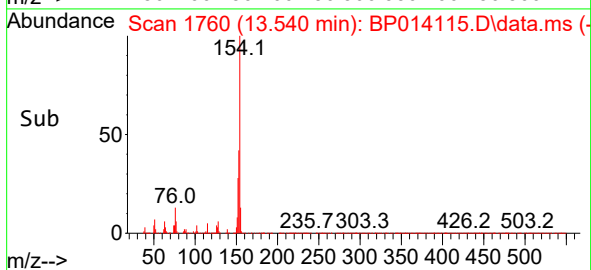
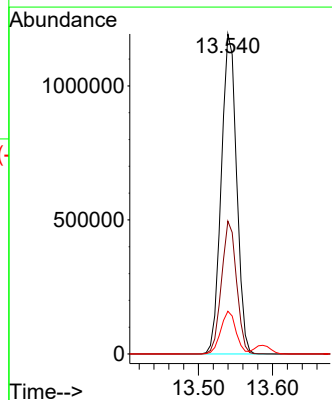
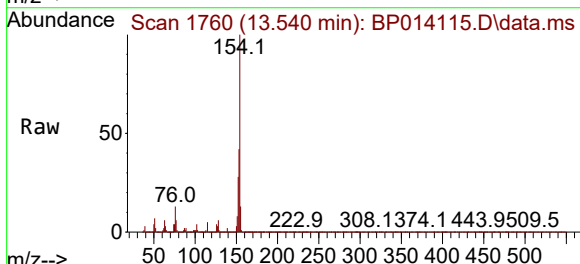
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

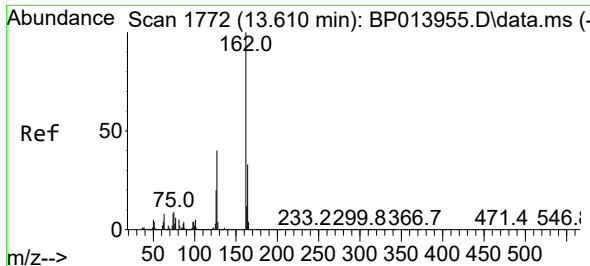
Tgt Ion:172 Resp: 3254978  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.3 42.5  
170 23.7 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 39.635 ng  
RT: 13.540 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:154 Resp: 1716561  
Ion Ratio Lower Upper  
154 100  
153 41.5 21.0 61.0  
76 13.4 0.0 31.0

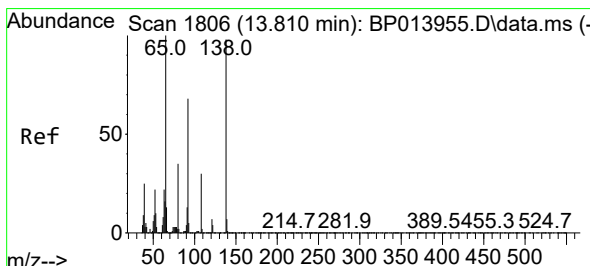
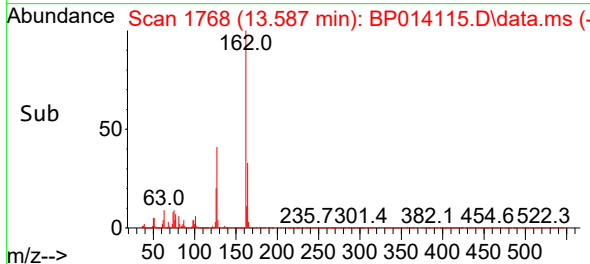
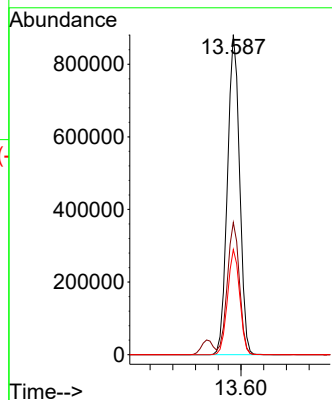
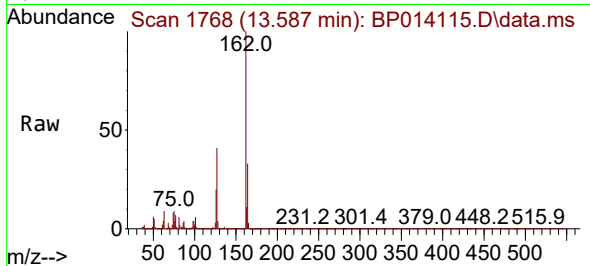




#47  
2-Chloronaphthalene  
Concen: 39.484 ng  
RT: 13.587 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

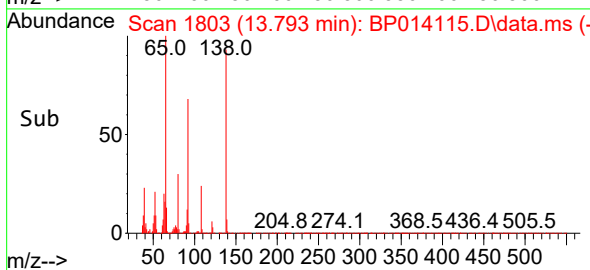
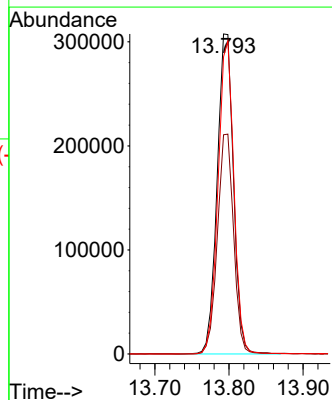
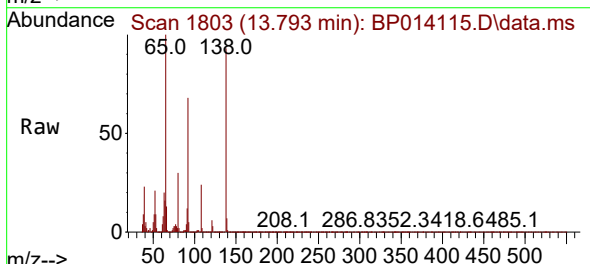
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

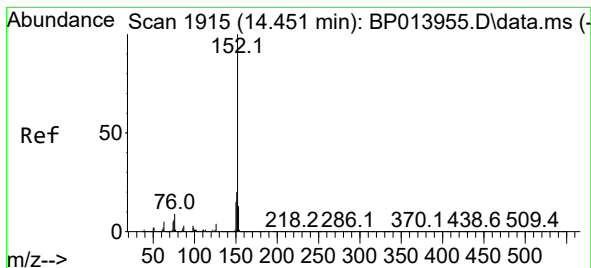
Tgt Ion:162 Resp: 1316386  
Ion Ratio Lower Upper  
162 100  
127 41.3 32.5 48.7  
164 32.8 26.3 39.5



#48  
2-Nitroaniline  
Concen: 46.540 ng  
RT: 13.793 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 65 Resp: 470900  
Ion Ratio Lower Upper  
65 100  
92 68.5 54.4 81.6  
138 92.9 78.0 117.0





#49

Acenaphthylene

Concen: 40.509 ng

RT: 14.434 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

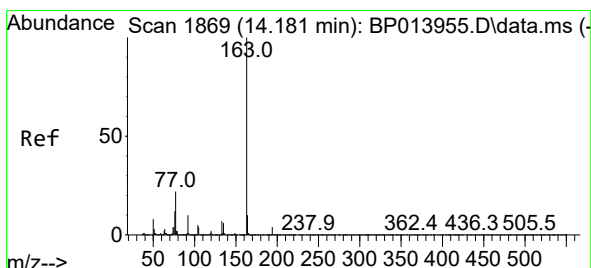
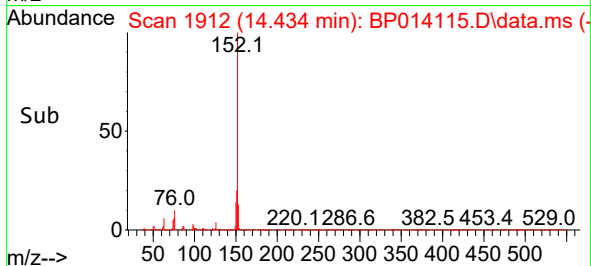
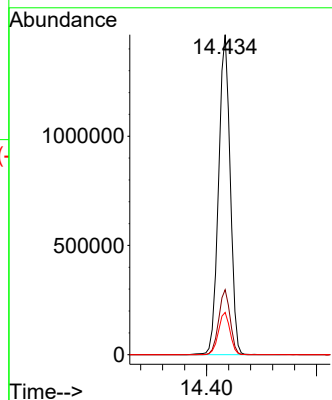
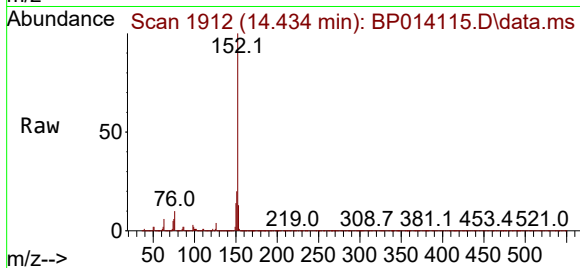
Tgt Ion:152 Resp: 2147780

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 40.307 ng

RT: 14.163 min Scan# 1866

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

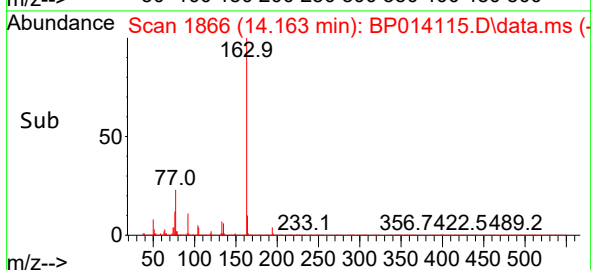
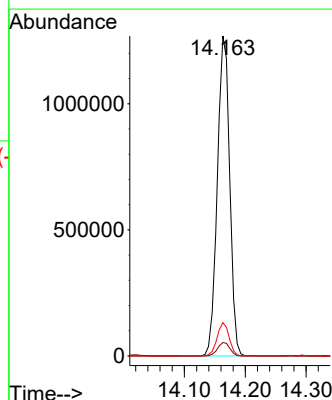
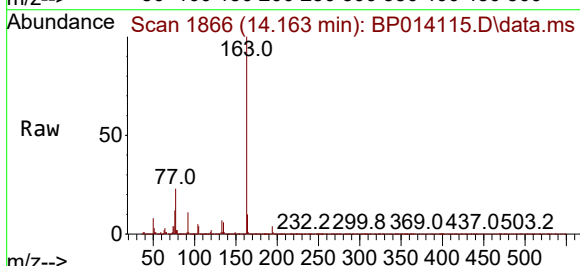
Tgt Ion:163 Resp: 1789175

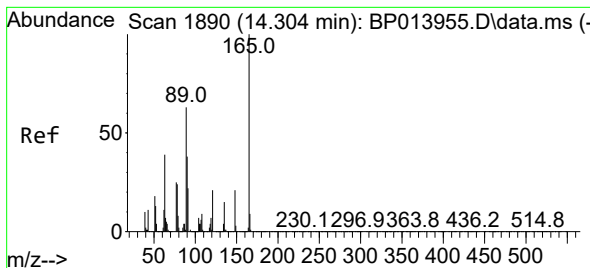
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.1 12.1

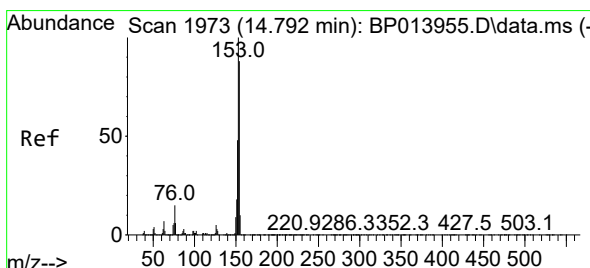
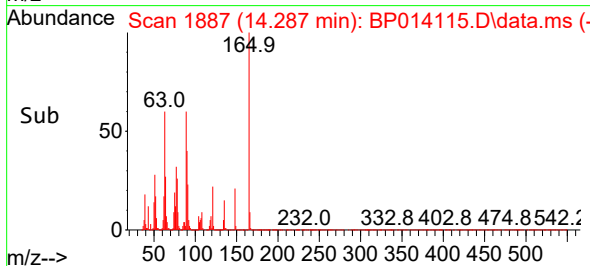
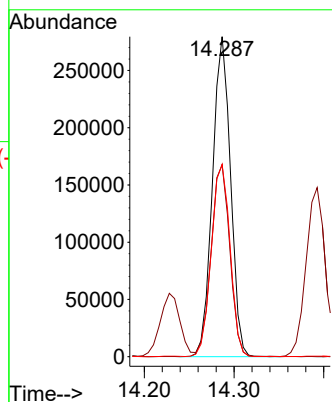
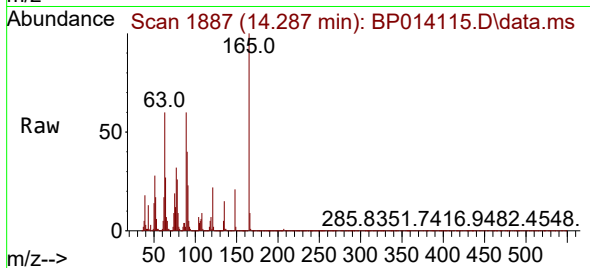




#51  
2,6-Dinitrotoluene  
Concen: 41.736 ng  
RT: 14.287 min Scan# 1890  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

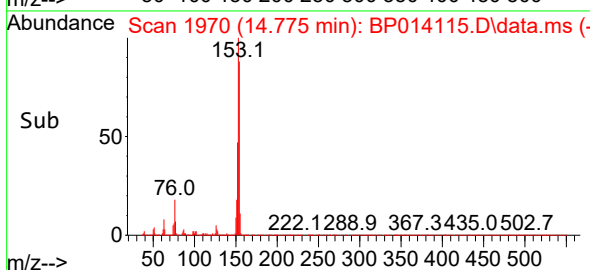
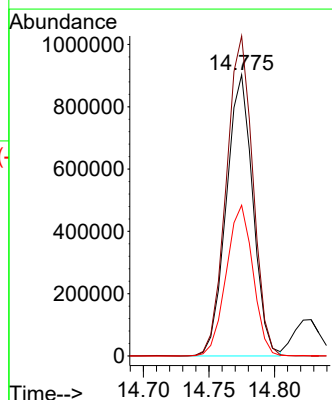
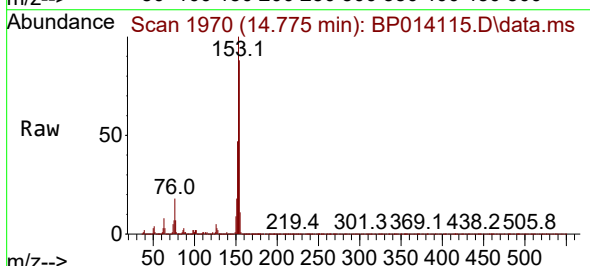
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

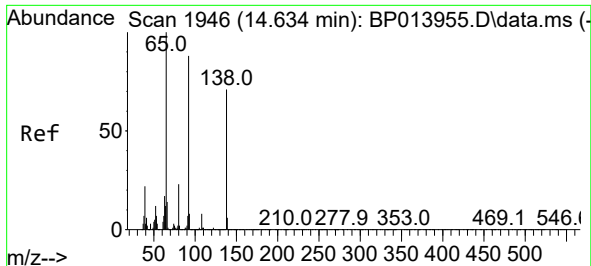
Tgt Ion:165 Resp: 390136  
Ion Ratio Lower Upper  
165 100  
63 59.9 46.7 70.1  
89 60.1 50.8 76.2



#52  
Acenaphthene  
Concen: 39.881 ng  
RT: 14.775 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:154 Resp: 1272854  
Ion Ratio Lower Upper  
154 100  
153 113.8 91.3 136.9  
152 53.6 43.4 65.0

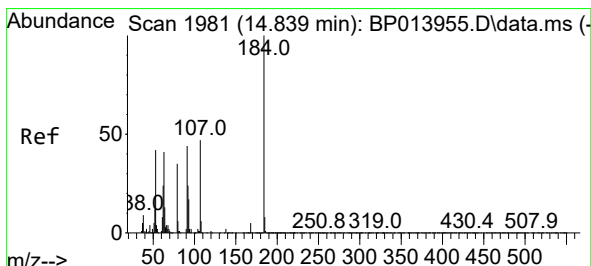
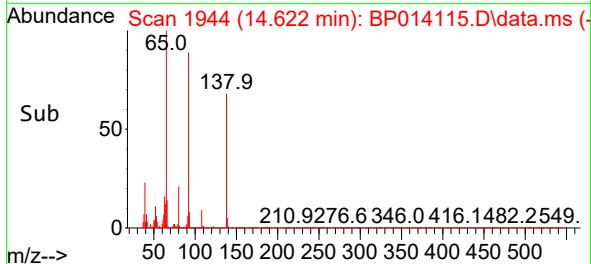
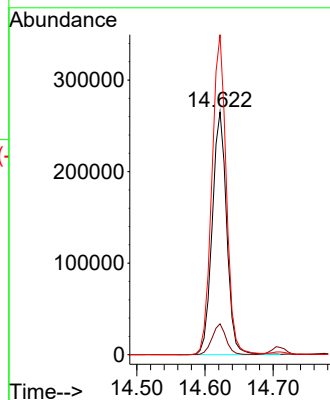
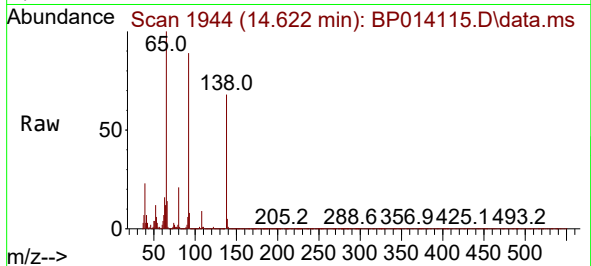




#53  
3-Nitroaniline  
Concen: 42.676 ng  
RT: 14.622 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

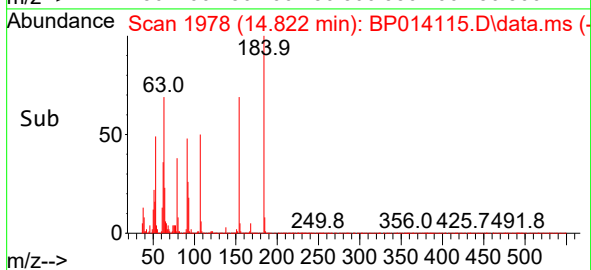
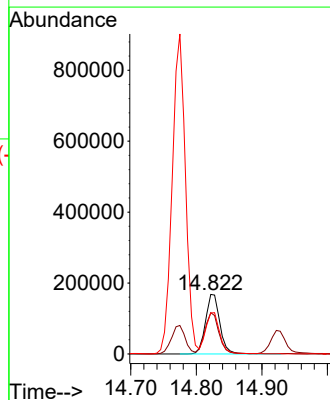
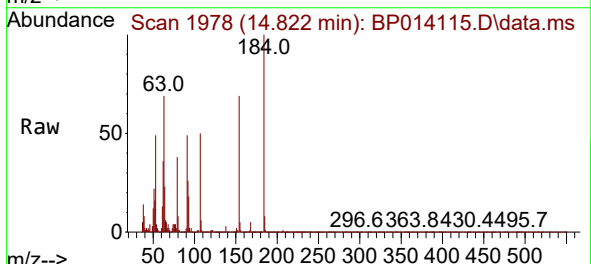
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

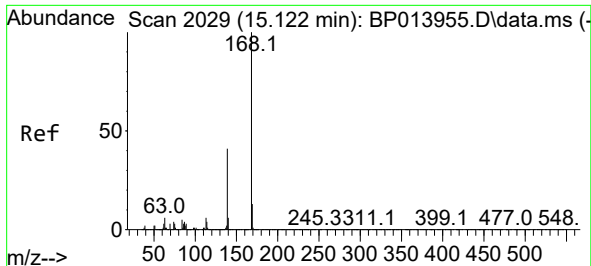
Tgt Ion:138 Resp: 390957  
Ion Ratio Lower Upper  
138 100  
108 12.7 9.5 14.3  
92 131.8 99.2 148.8



#54  
2,4-Dinitrophenol  
Concen: 38.638 ng  
RT: 14.822 min Scan# 1978  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:184 Resp: 256322  
Ion Ratio Lower Upper  
184 100  
63 69.5 52.4 78.6  
154 68.8 59.4 89.2

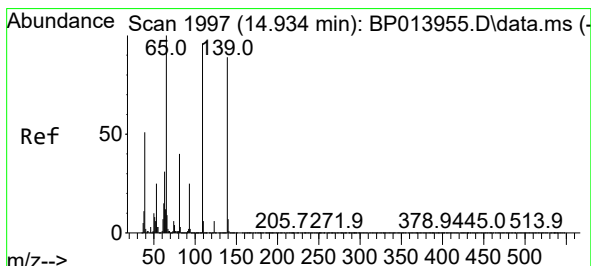
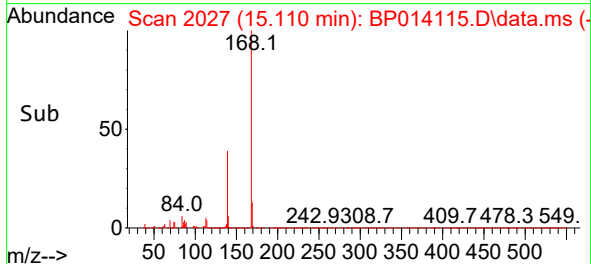
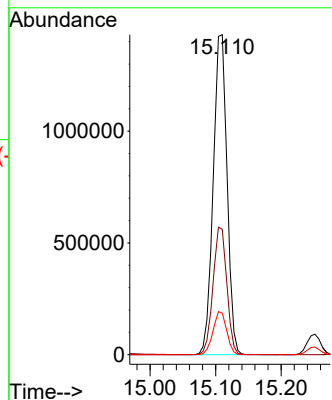
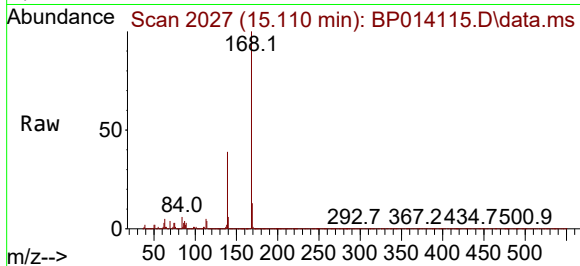




#55  
Dibenzenofuran  
Concen: 40.300 ng  
RT: 15.110 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

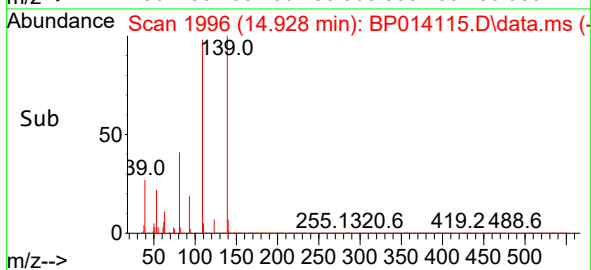
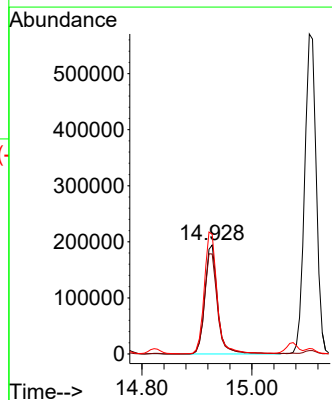
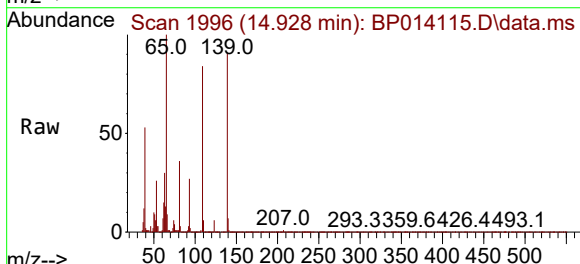
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

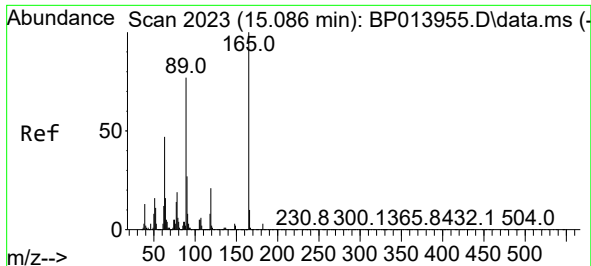
Tgt Ion:168 Resp: 2096900  
Ion Ratio Lower Upper  
168 100  
139 39.2 32.9 49.3  
169 13.0 10.6 15.8



#56  
4-Nitrophenol  
Concen: 42.047 ng  
RT: 14.928 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:139 Resp: 313669  
Ion Ratio Lower Upper  
139 100  
109 91.7 87.0 127.0  
65 109.7 92.1 132.1

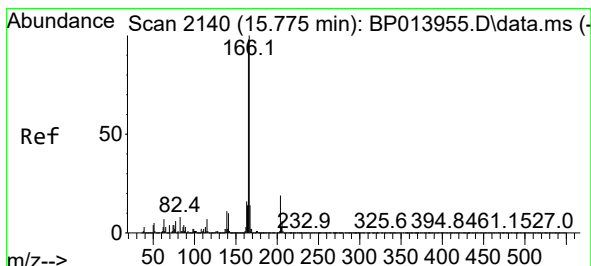
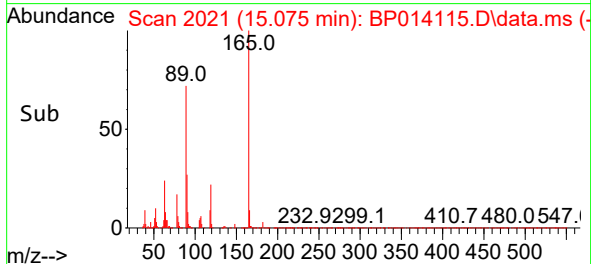
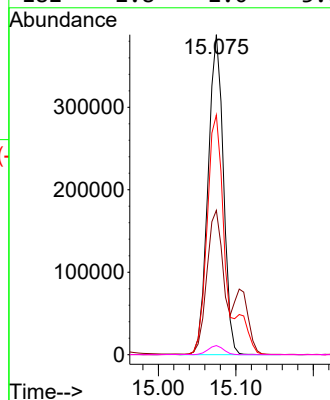
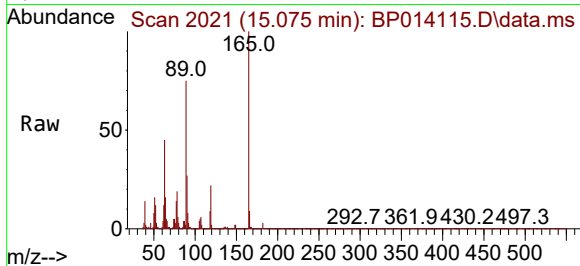




#57  
2,4-Dinitrotoluene  
Concen: 42.670 ng  
RT: 15.075 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

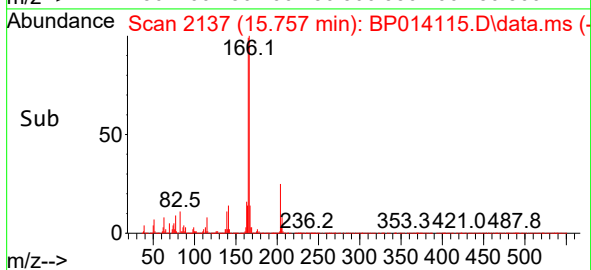
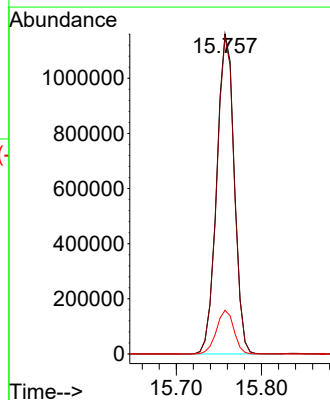
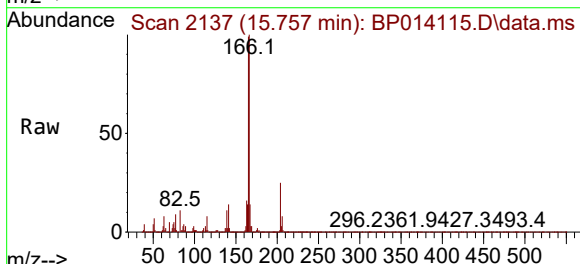
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

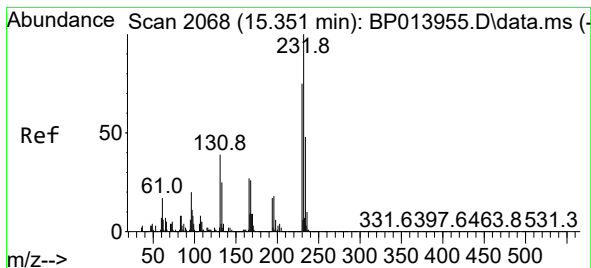
Tgt Ion:165 Resp: 533179  
Ion Ratio Lower Upper  
165 100  
63 45.1 37.5 56.3  
89 74.9 61.8 92.8  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 40.211 ng  
RT: 15.757 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:166 Resp: 1661348  
Ion Ratio Lower Upper  
166 100  
165 99.1 78.1 117.1  
167 13.6 10.8 16.2

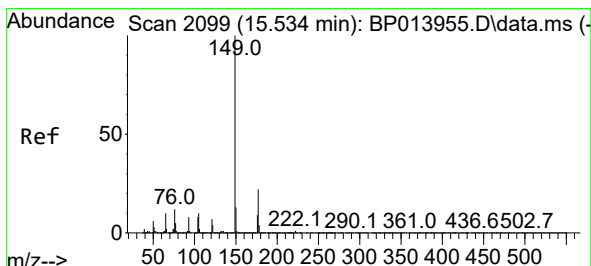
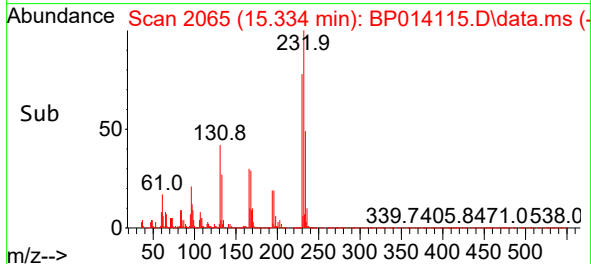
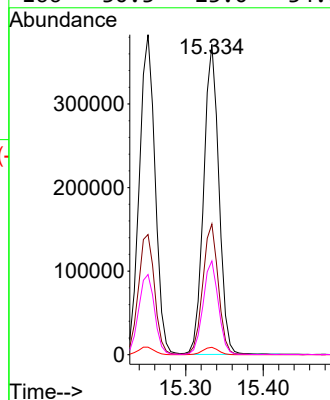
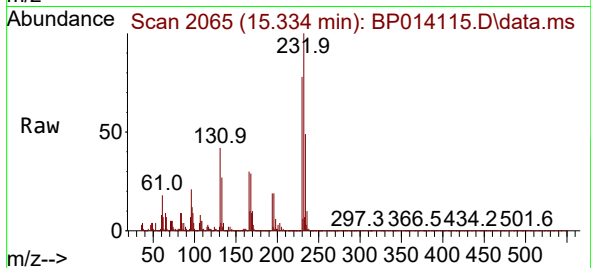




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.573 ng  
RT: 15.334 min Scan# 2065  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

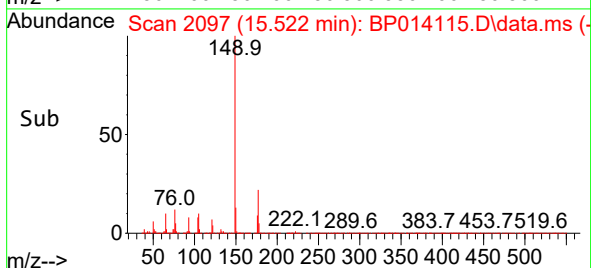
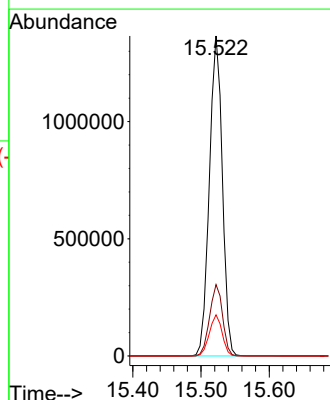
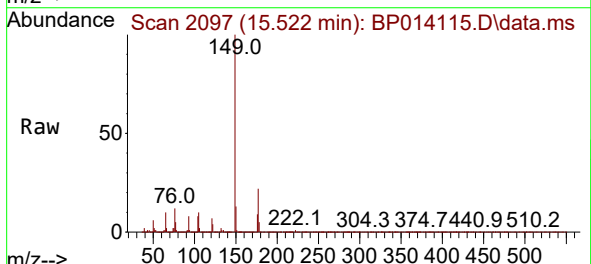
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

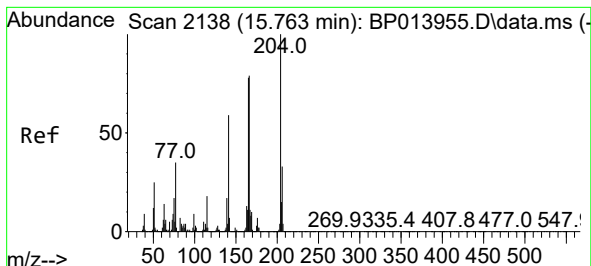
Tgt Ion:232 Resp: 505506  
Ion Ratio Lower Upper  
232 100  
131 42.9 32.5 48.7  
130 2.5 1.9 2.9  
166 30.3 23.0 34.6



#60  
Diethylphthalate  
Concen: 41.253 ng  
RT: 15.522 min Scan# 2097  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:149 Resp: 1808004  
Ion Ratio Lower Upper  
149 100  
177 22.3 18.0 27.0  
150 12.9 10.3 15.5

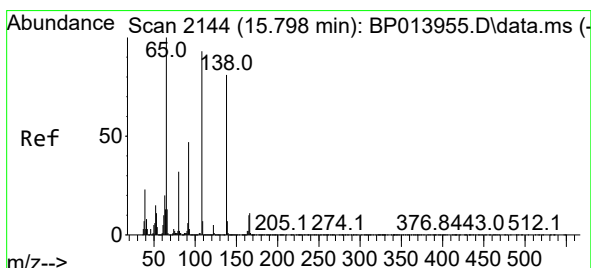
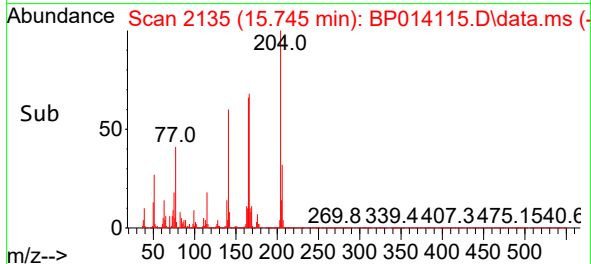
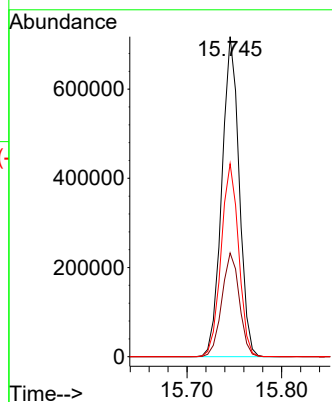
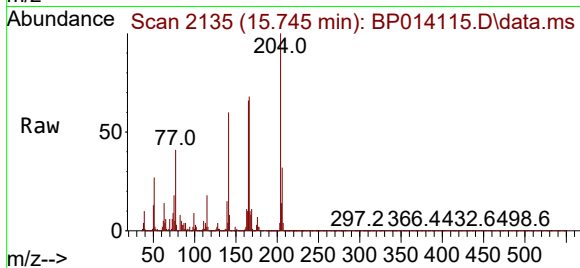




#61  
4-Chlorophenyl-phenylether  
Concen: 38.957 ng  
RT: 15.745 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

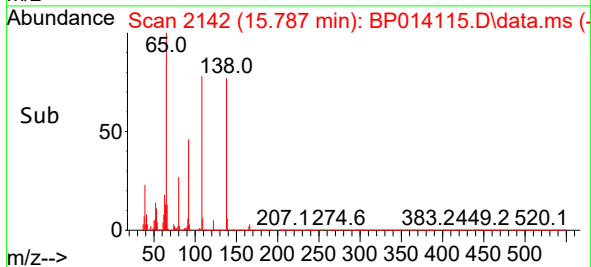
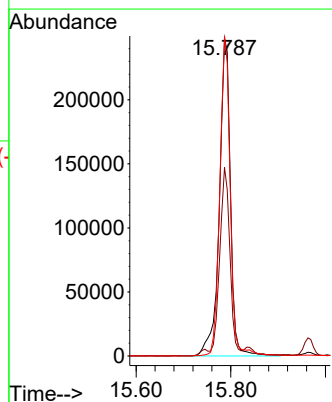
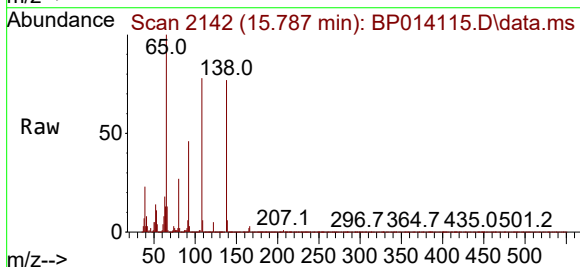
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

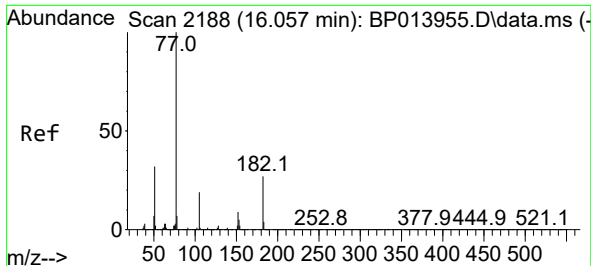
Tgt Ion:204 Resp: 912427  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.2 39.4  
141 60.3 46.9 70.3



#62  
4-Nitroaniline  
Concen: 44.366 ng  
RT: 15.787 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:138 Resp: 404698  
Ion Ratio Lower Upper  
138 100  
92 59.3 37.9 77.9  
108 100.7 94.9 134.9



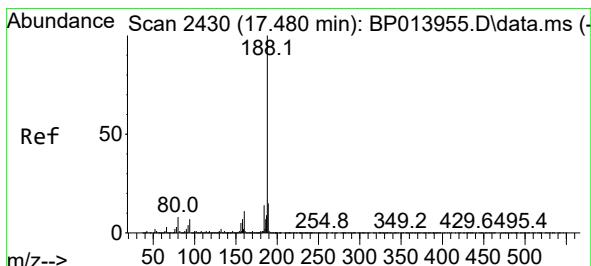
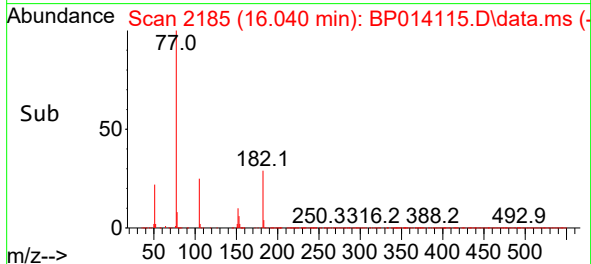
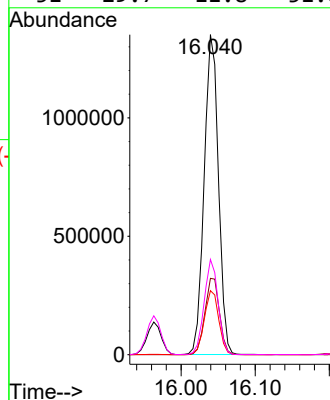
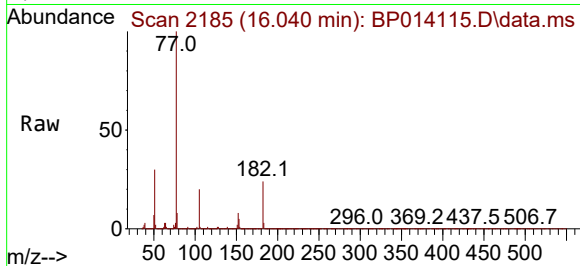


#63  
Azobenzene  
Concen: 44.522 ng  
RT: 16.040 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 1805572

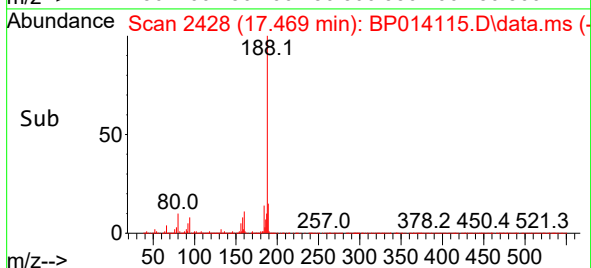
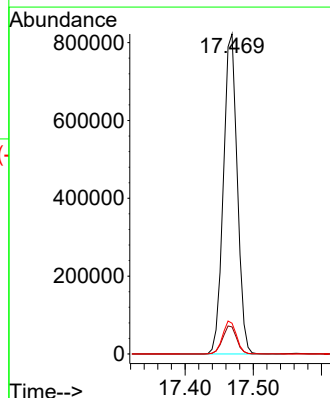
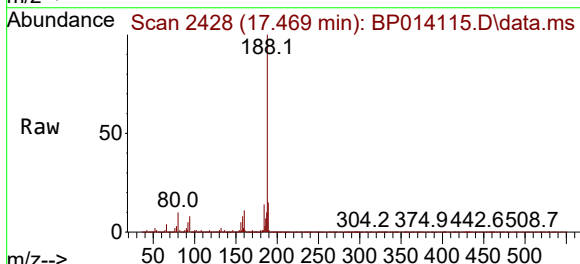
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.8  | 6.9   | 46.9  |
| 105 | 20.0  | 0.0   | 39.4  |
| 51  | 29.7  | 11.8  | 51.8  |

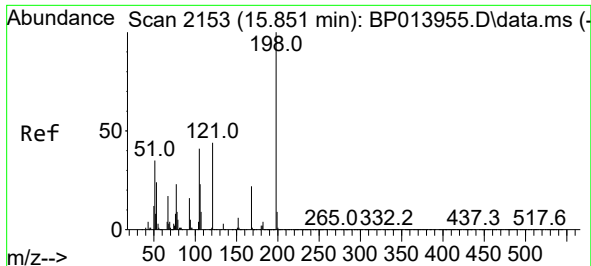


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.469 min Scan# 2428  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion: 188 Resp: 1163933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.4   | 5.8   | 8.6   |
| 80  | 9.6   | 6.6   | 9.8   |

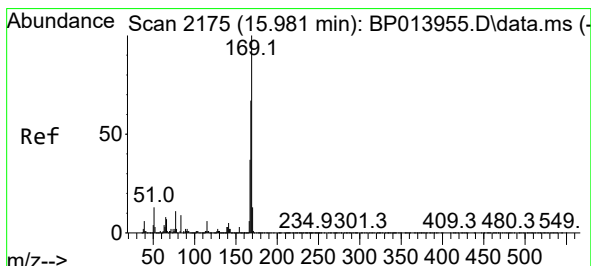
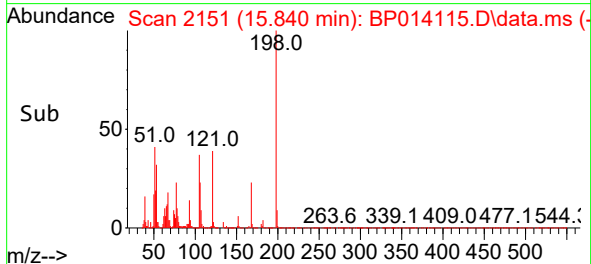
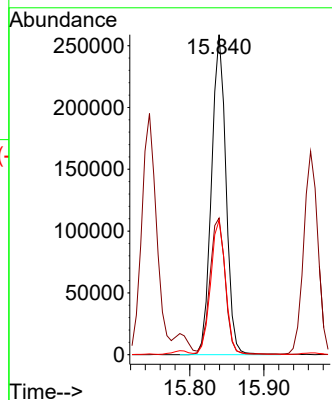
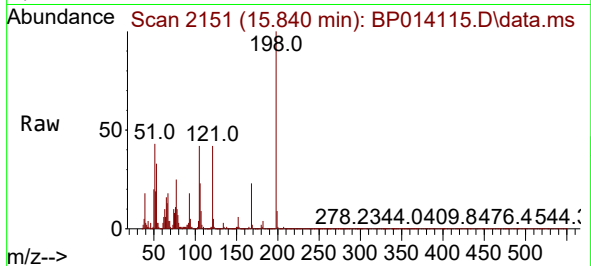




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.666 ng  
RT: 15.840 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

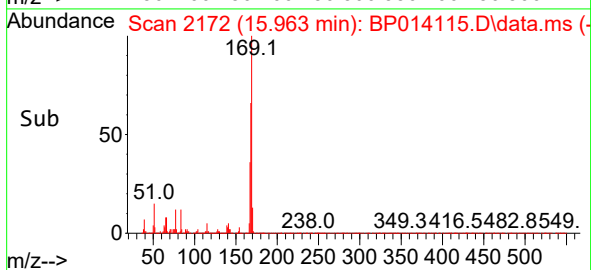
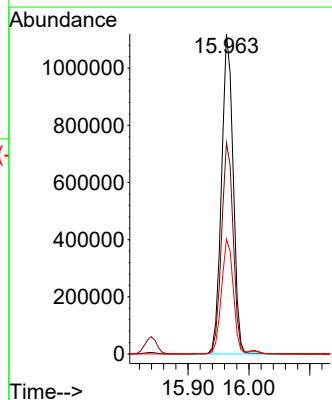
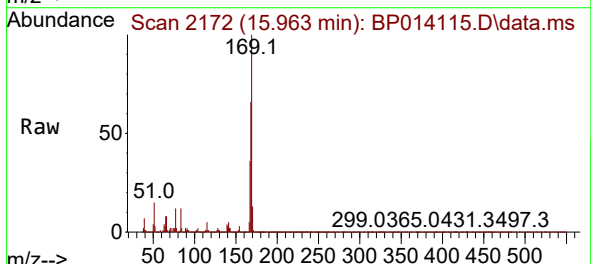
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

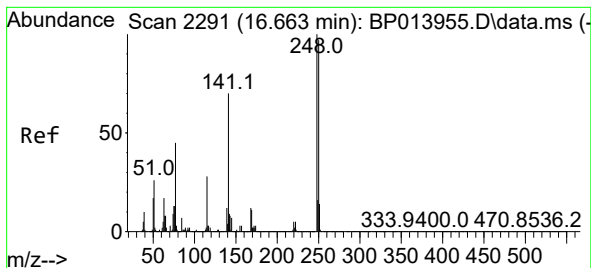
Tgt Ion:198 Resp: 350591  
Ion Ratio Lower Upper  
198 100  
51 42.7 22.1 62.1  
105 42.0 21.5 61.5



#66  
n-Nitrosodiphenylamine  
Concen: 40.289 ng  
RT: 15.963 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:169 Resp: 1481795  
Ion Ratio Lower Upper  
169 100  
168 66.0 54.0 81.0  
167 35.9 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 37.755 ng

RT: 16.645 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

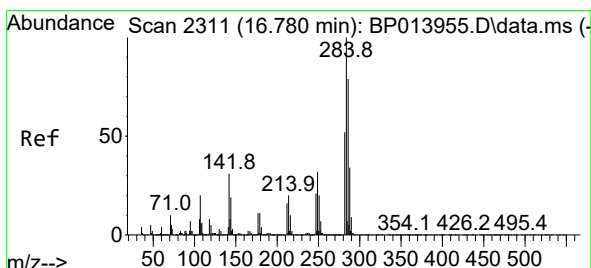
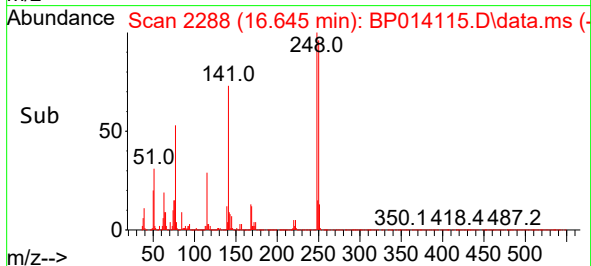
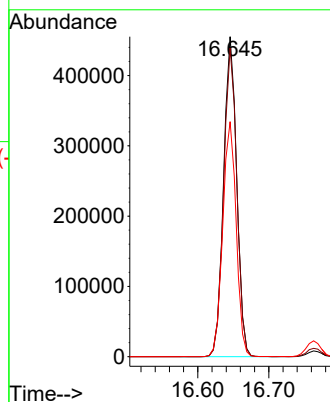
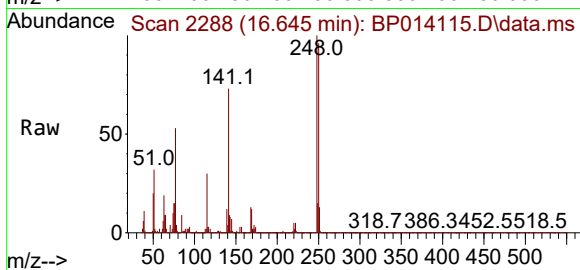
Tgt Ion:248 Resp: 581268

Ion Ratio Lower Upper

248 100

250 96.4 77.9 116.9

141 73.5 56.0 84.0



#68

Hexachlorobenzene

Concen: 37.864 ng

RT: 16.763 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

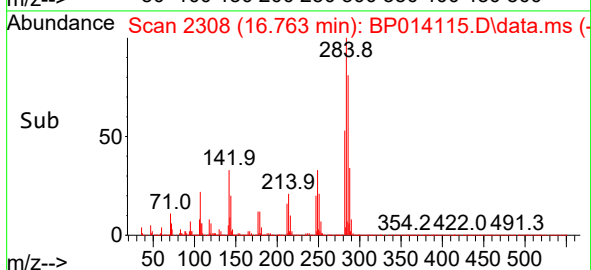
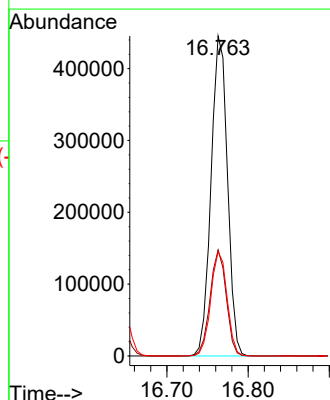
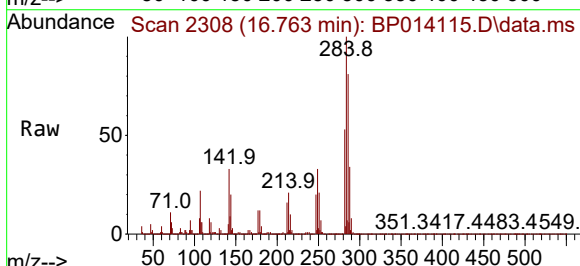
Tgt Ion:284 Resp: 624852

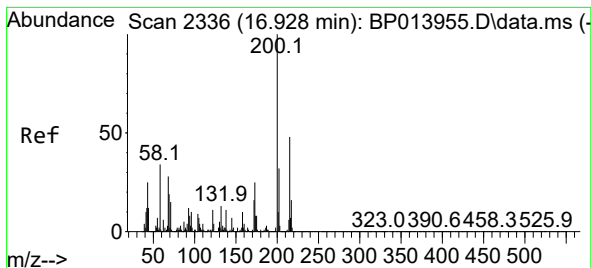
Ion Ratio Lower Upper

284 100

142 33.2 24.8 37.2

249 32.6 25.7 38.5





#69

Atrazine

Concen: 39.625 ng

RT: 16.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

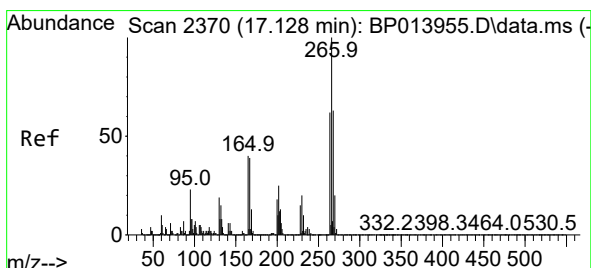
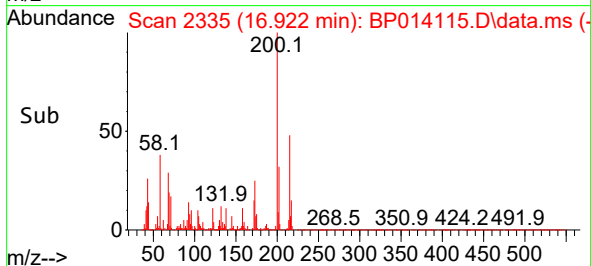
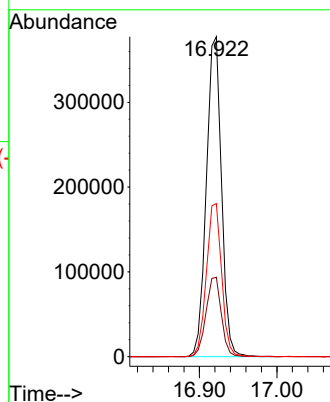
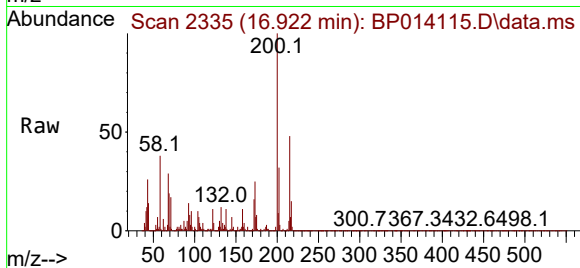
Tgt Ion:200 Resp: 511676

Ion Ratio Lower Upper

200 100

173 24.8 5.5 45.5

215 47.8 27.9 67.9



#70

Pentachlorophenol

Concen: 39.437 ng

RT: 17.116 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

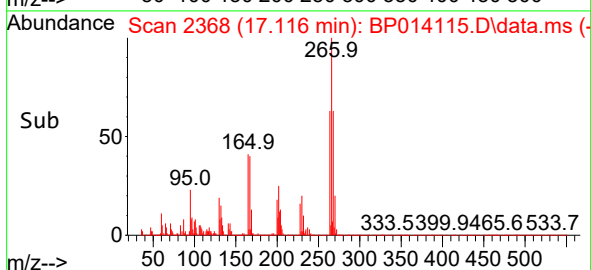
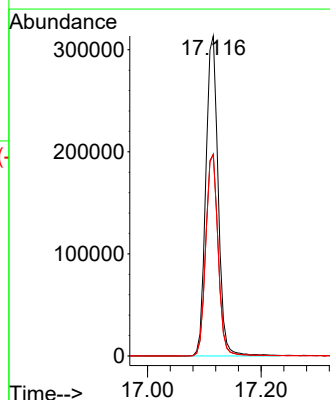
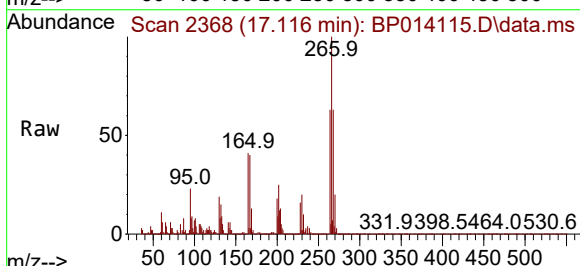
Tgt Ion:266 Resp: 469373

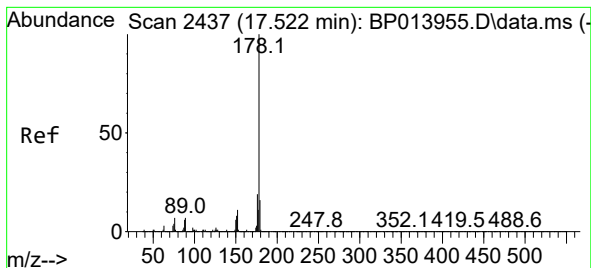
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 63.0 49.2 73.8





#71

Phenanthrene

Concen: 39.588 ng

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

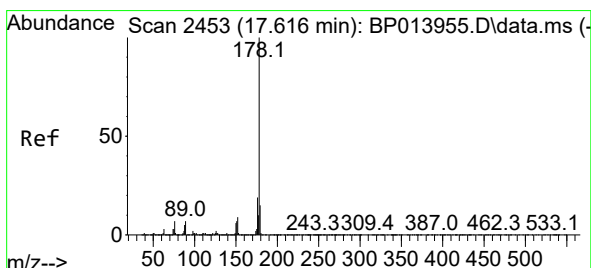
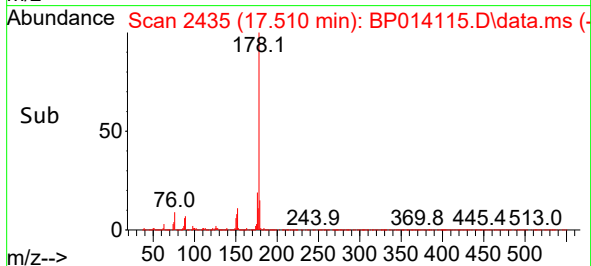
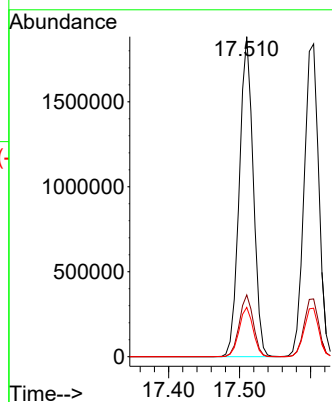
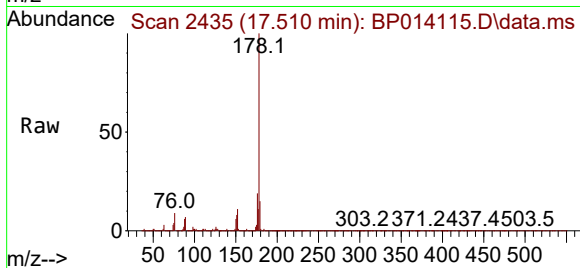
Tgt Ion:178 Resp: 2574118

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.6 19.0



#72

Anthracene

Concen: 39.717 ng

RT: 17.604 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

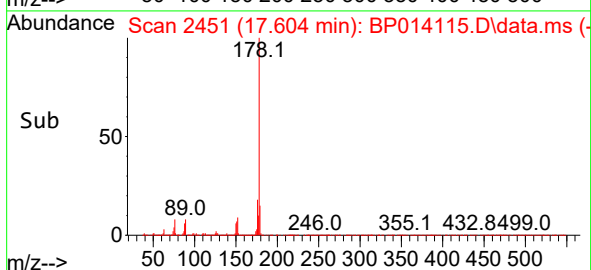
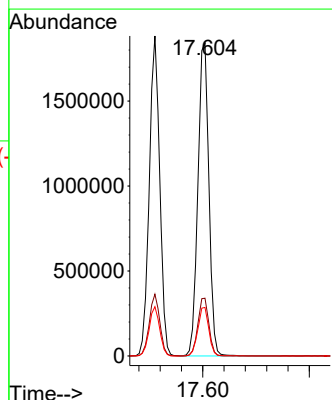
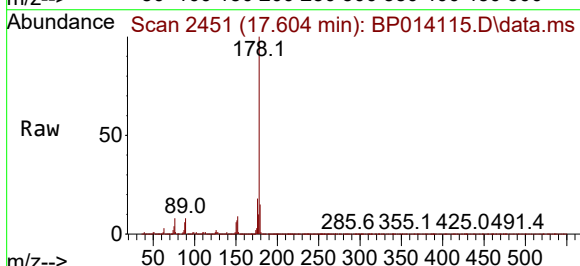
Tgt Ion:178 Resp: 2638754

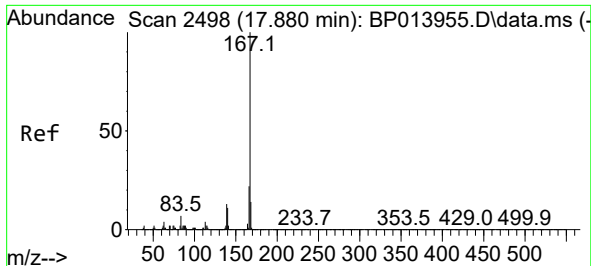
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.5 12.1 18.1

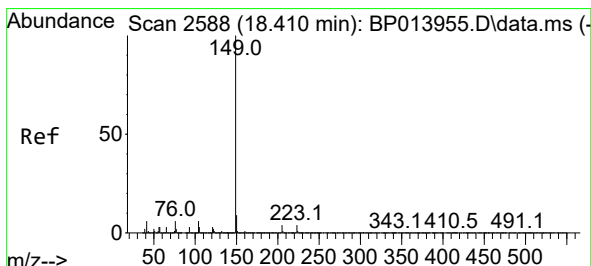
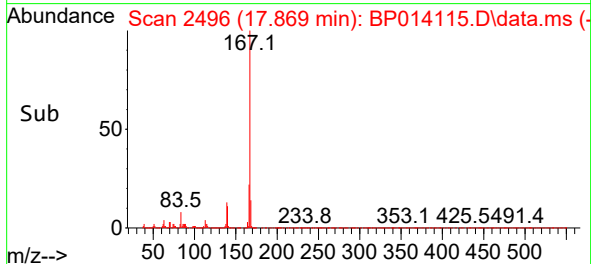
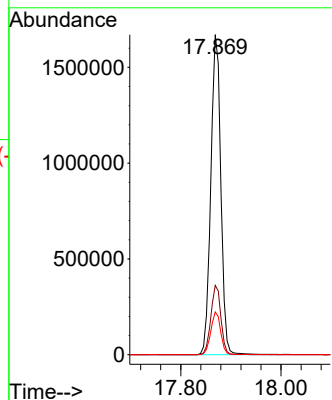
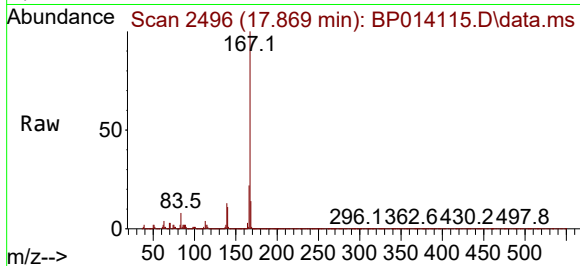




#73  
 Carbazole  
 Concen: 40.443 ng  
 RT: 17.869 min Scan# 2498  
 Delta R.T. 0.000 min  
 Lab File: BP014115.D  
 Acq: 17 Mar 2023 11:33

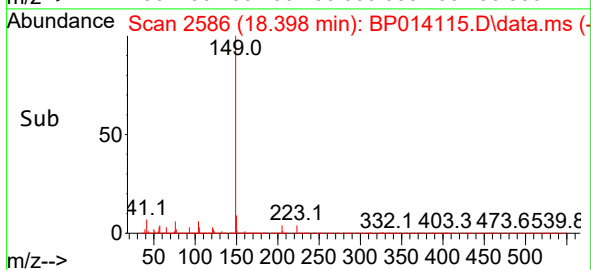
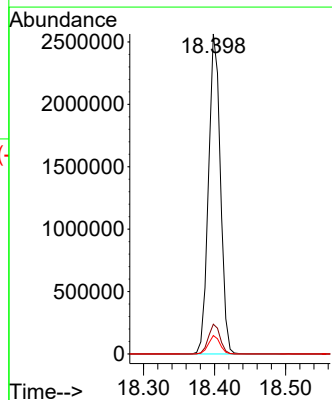
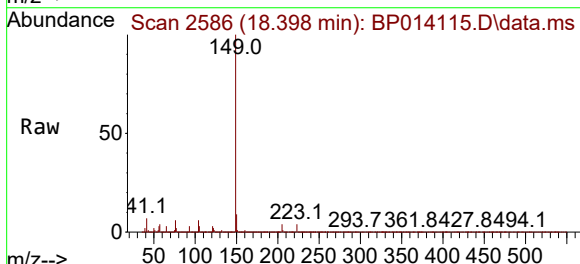
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

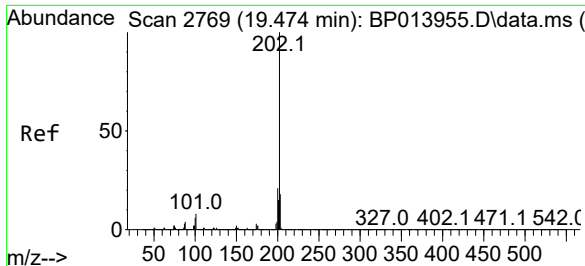
Tgt Ion:167 Resp: 2317819  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 13.4 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 41.703 ng  
 RT: 18.398 min Scan# 2586  
 Delta R.T. 0.000 min  
 Lab File: BP014115.D  
 Acq: 17 Mar 2023 11:33

Tgt Ion:149 Resp: 2988258  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 5.8 4.6 7.0

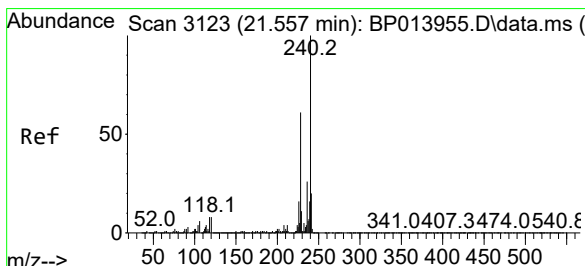
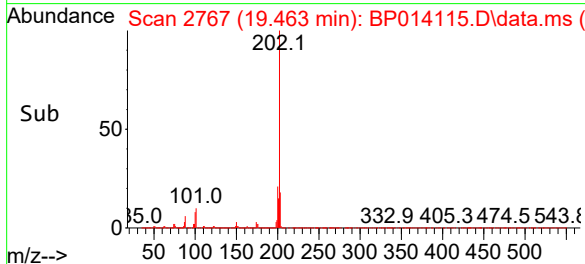
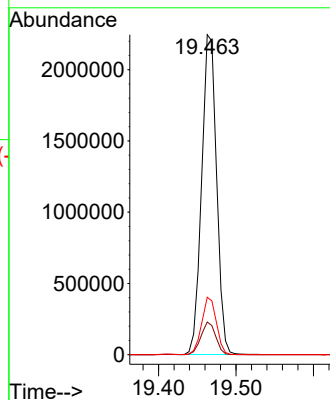
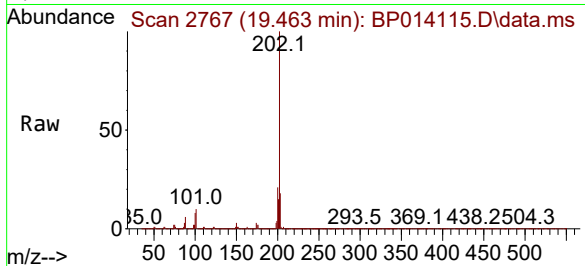




#75  
Fluoranthene  
Concen: 38.717 ng  
RT: 19.463 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

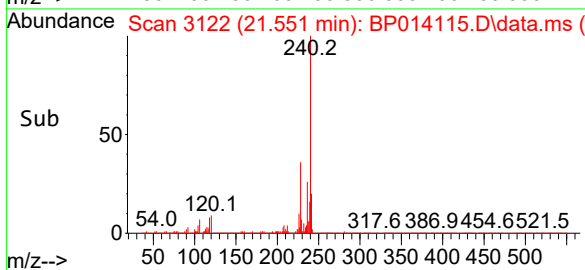
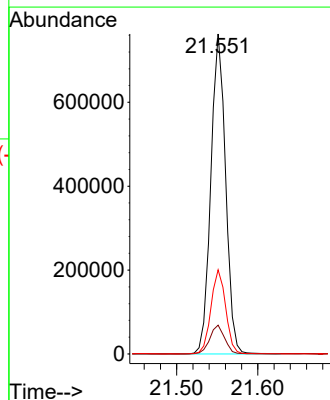
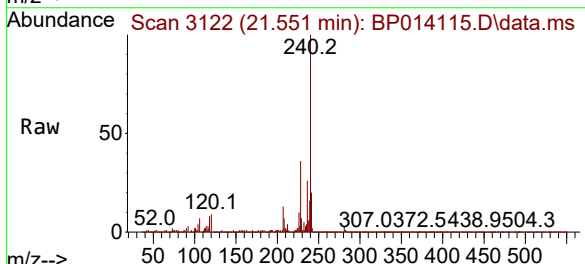
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

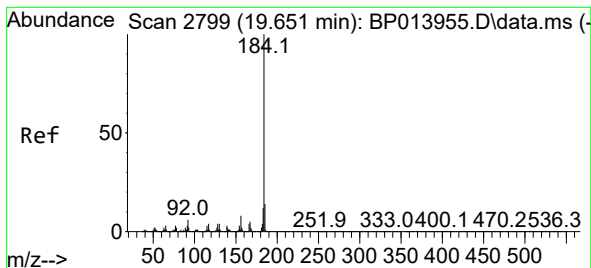
Tgt Ion:202 Resp: 3009073  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 27.9  
203 18.0 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.551 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:240 Resp: 961724  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.4 9.6  
236 26.3 21.2 31.8





#77

Benzidine

Concen: 34.651 ng

RT: 19.645 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

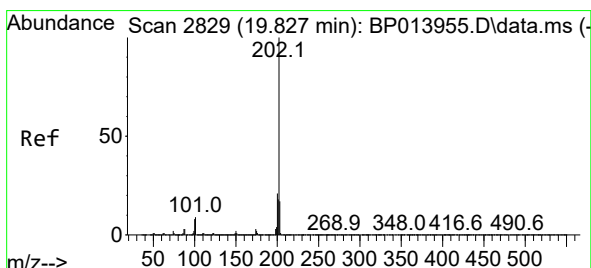
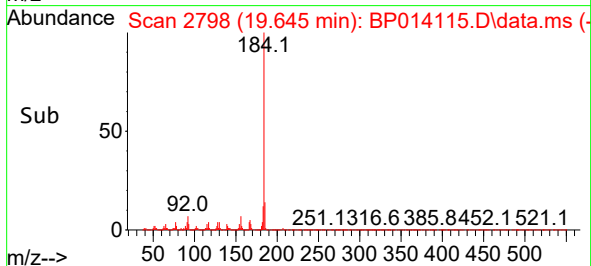
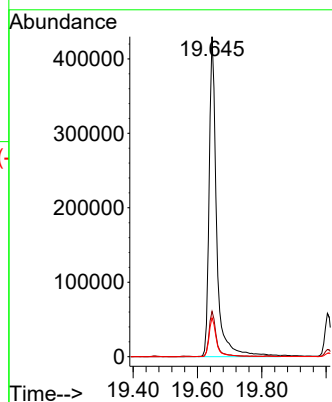
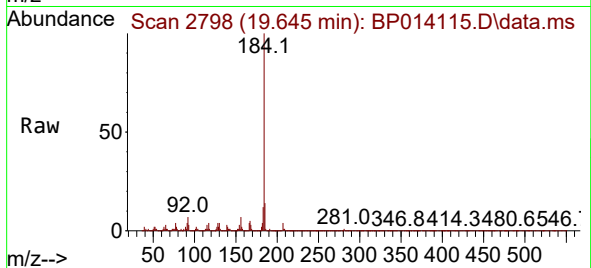
Tgt Ion:184 Resp: 695962

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.1 9.7 14.5



#78

Pyrene

Concen: 41.405 ng

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

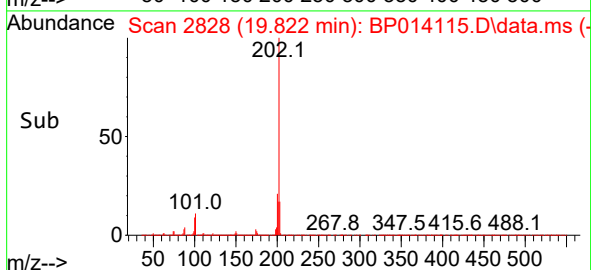
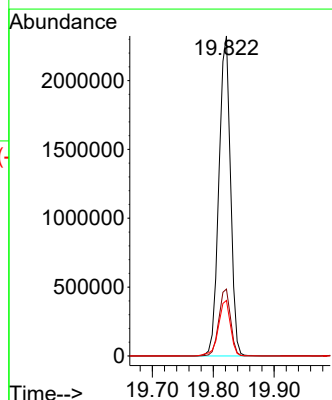
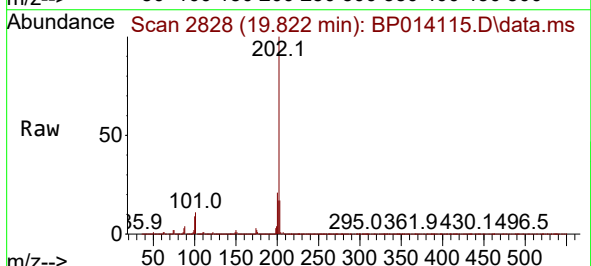
Tgt Ion:202 Resp: 3056311

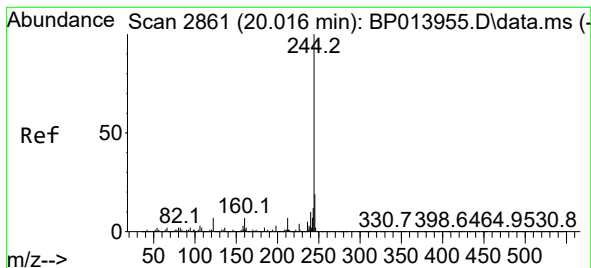
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 81.122 ng

RT: 20.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

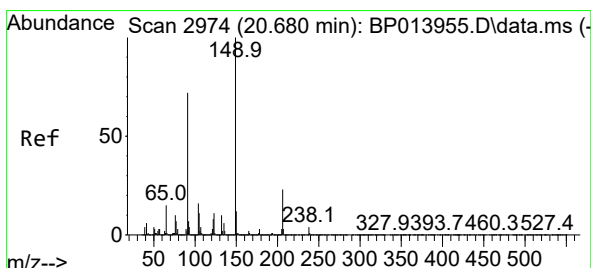
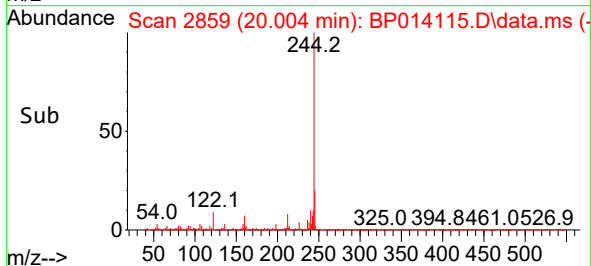
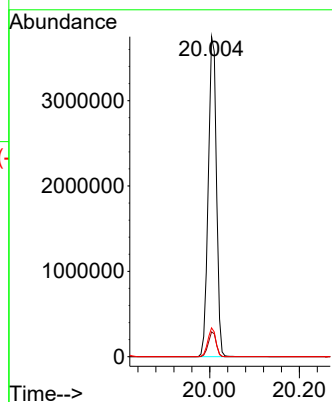
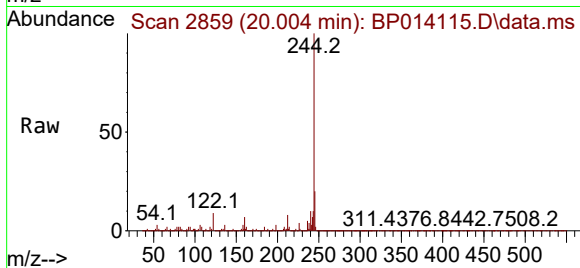
Tgt Ion:244 Resp: 4731311

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 9.0 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 44.373 ng

RT: 20.675 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

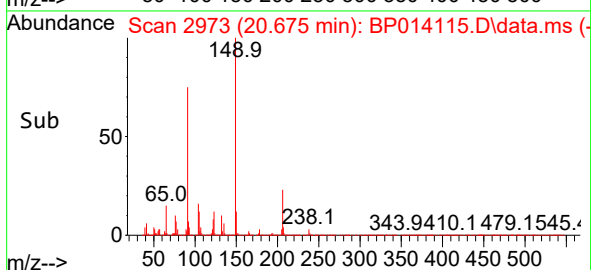
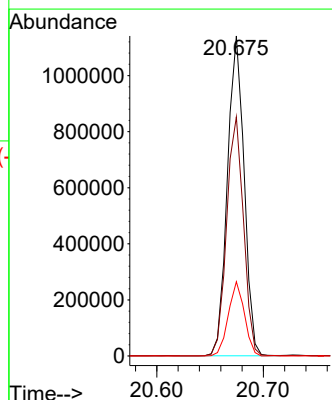
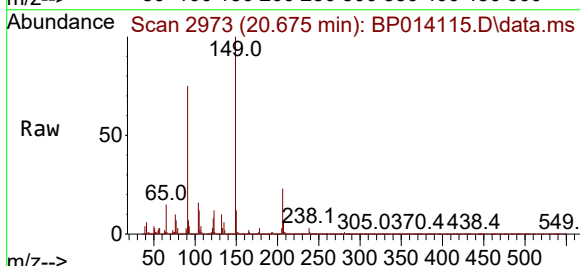
Tgt Ion:149 Resp: 1241783

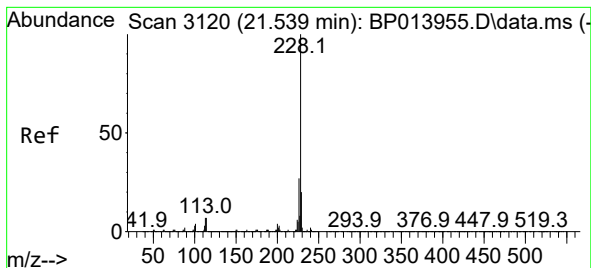
Ion Ratio Lower Upper

149 100

91 74.7 58.0 87.0

206 23.2 18.7 28.1





#81

Benzo(a)anthracene

Concen: 39.728 ng

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

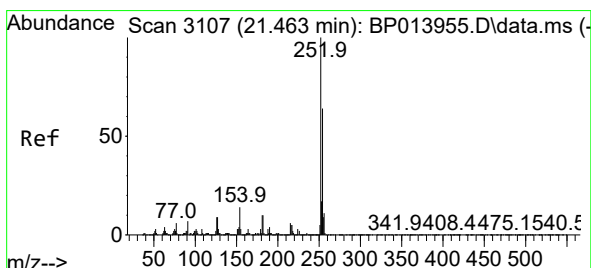
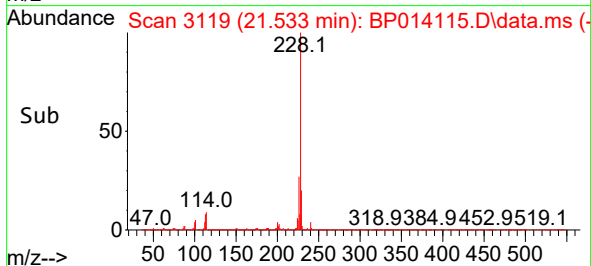
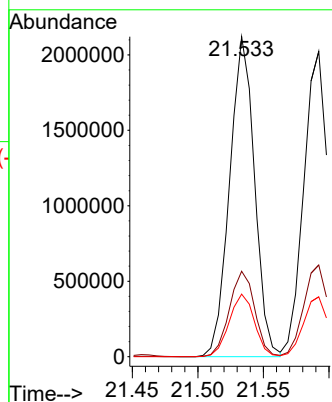
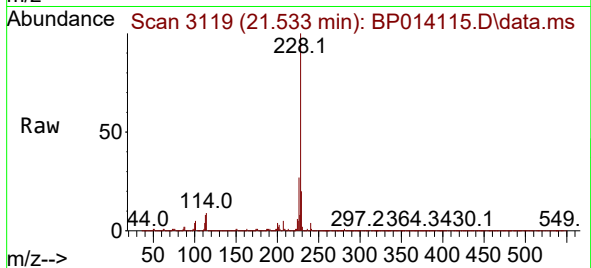
Tgt Ion:228 Resp: 2803426

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.536 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

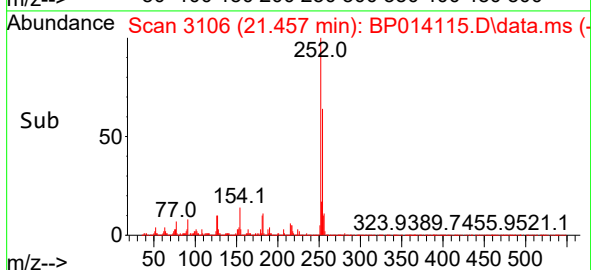
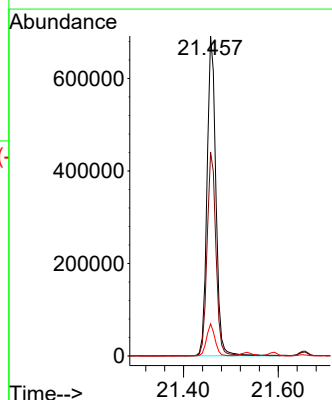
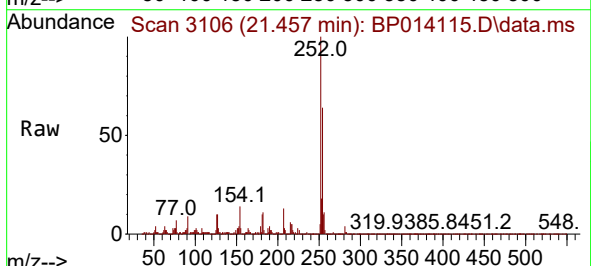
Tgt Ion:252 Resp: 892677

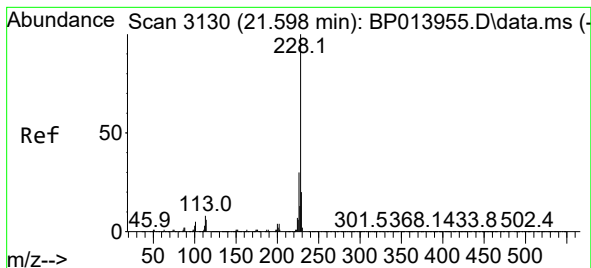
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 10.0 7.0 10.6





#83

Chrysene

Concen: 39.447 ng

RT: 21.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

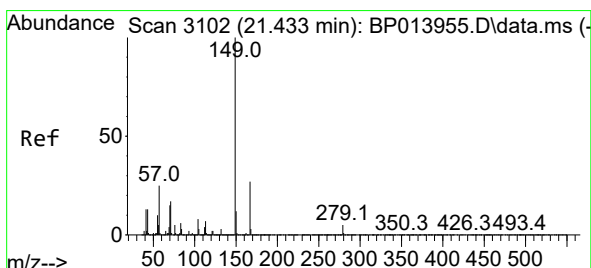
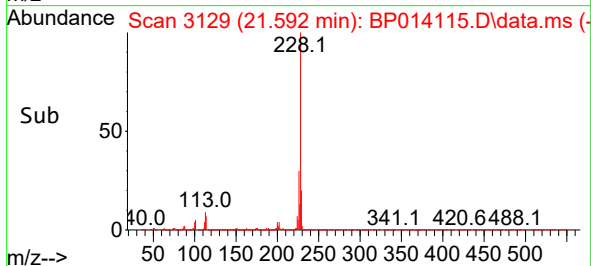
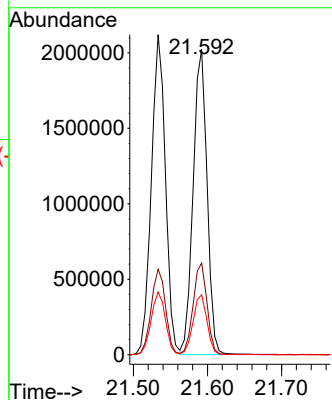
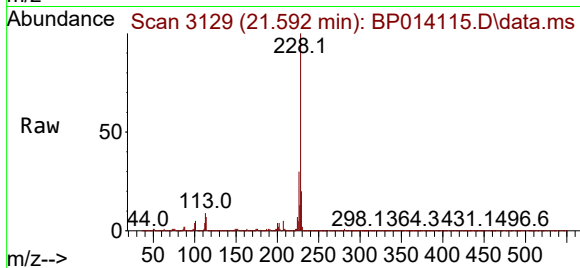
Tgt Ion:228 Resp: 2636057

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.128 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

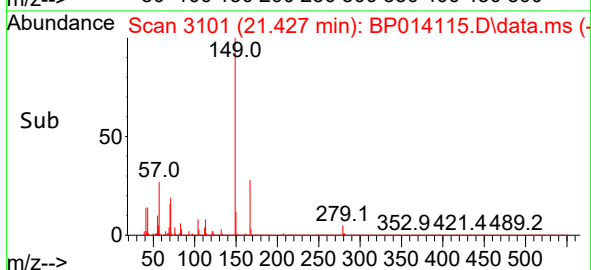
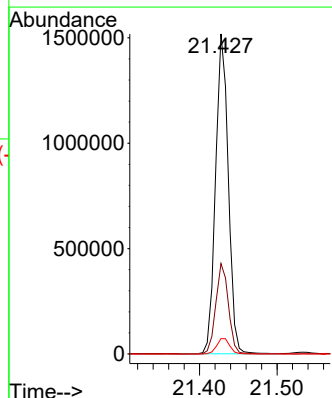
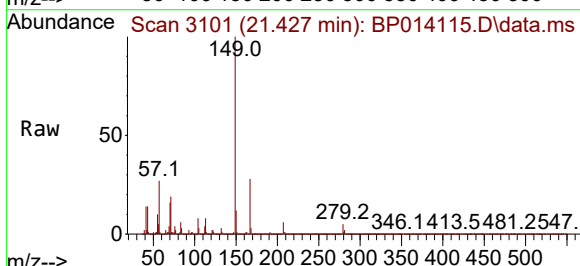
Tgt Ion:149 Resp: 1729533

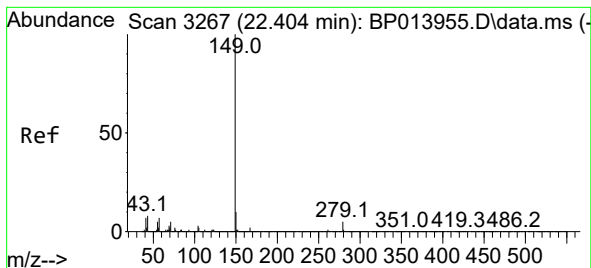
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.6

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 39.298 ng

RT: 22.398 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

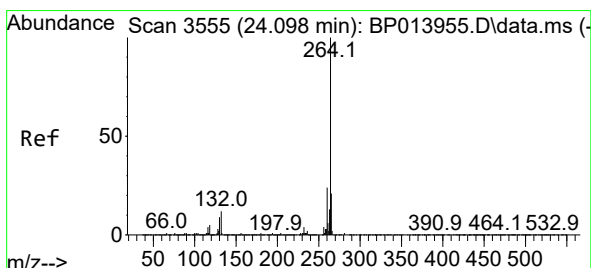
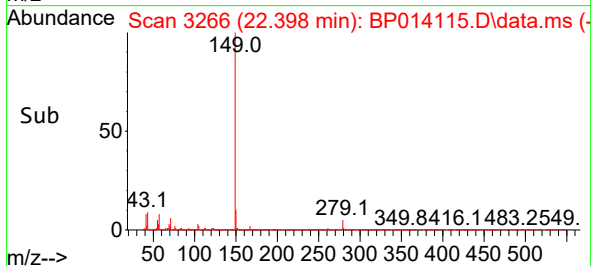
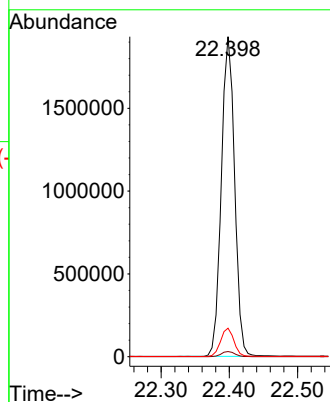
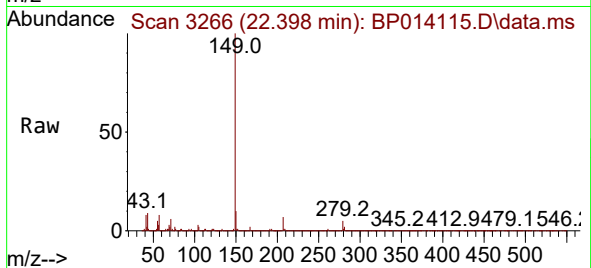
Tgt Ion:149 Resp: 2618887

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.086 min Scan# 3553

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

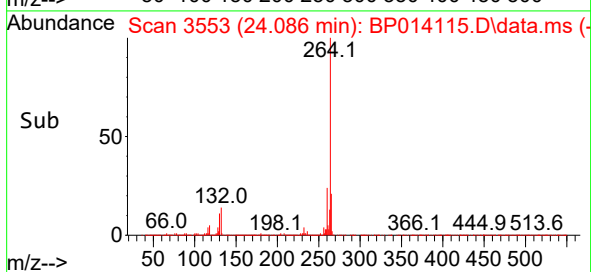
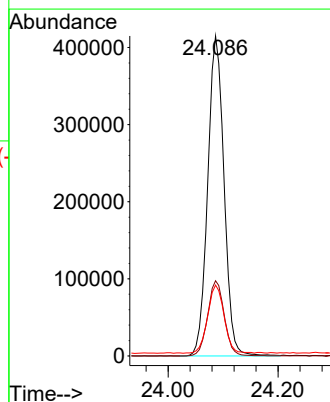
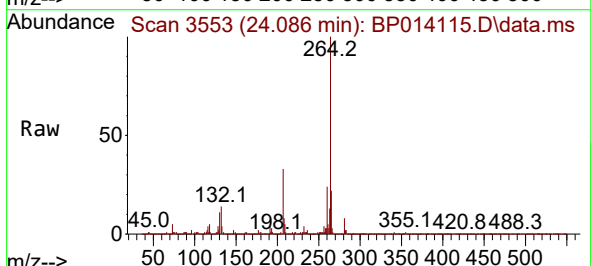
Tgt Ion:264 Resp: 855847

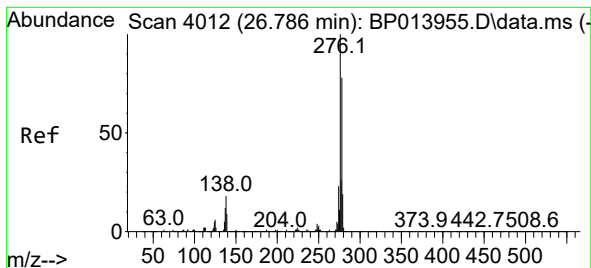
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.635 ng

RT: 26.762 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

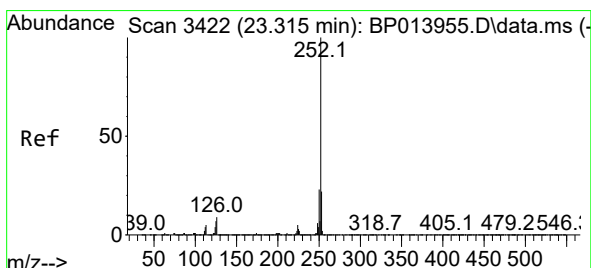
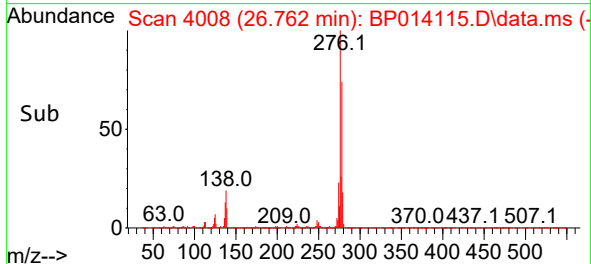
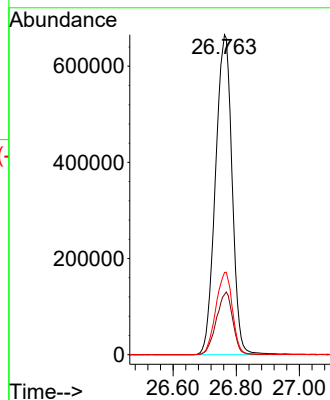
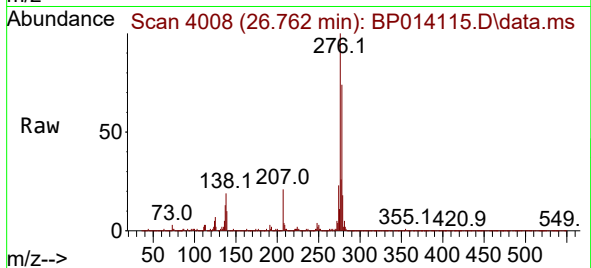
Tgt Ion:276 Resp: 2422634

Ion Ratio Lower Upper

276 100

138 19.3 13.8 20.8

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.791 ng

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

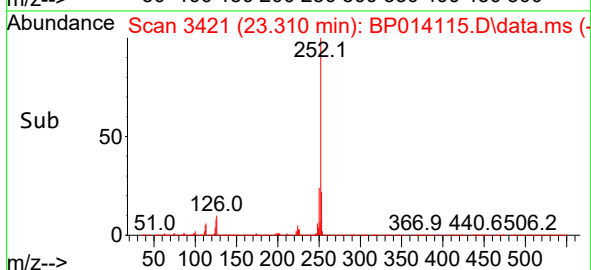
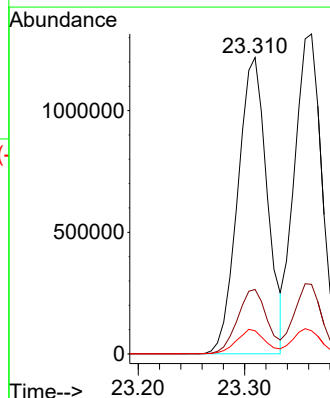
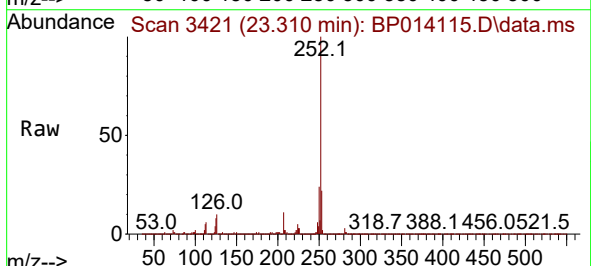
Tgt Ion:252 Resp: 2342038

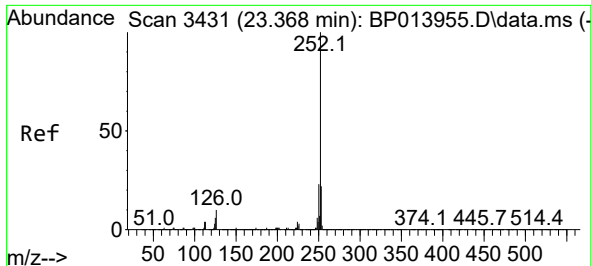
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.8 5.6 8.4

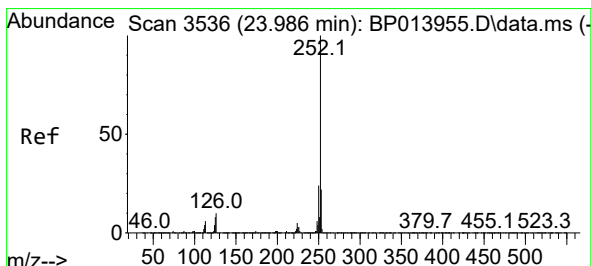
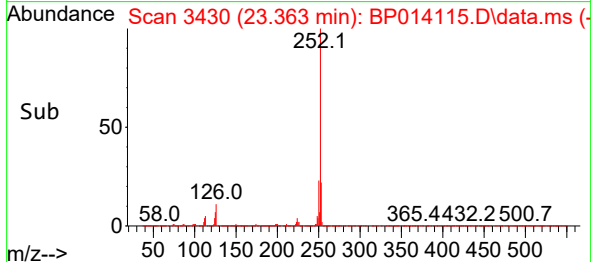
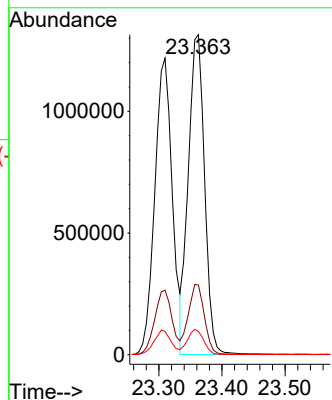
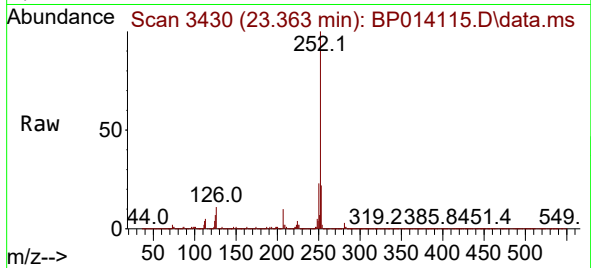




#89  
Benzo(k)fluoranthene  
Concen: 42.347 ng  
RT: 23.363 min Scan# 3431  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

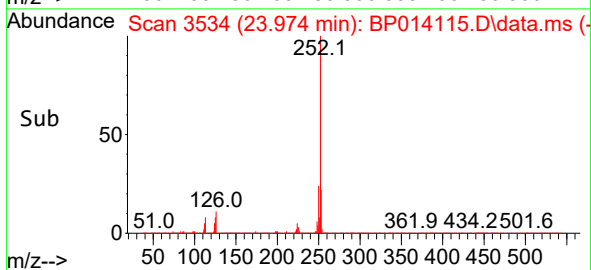
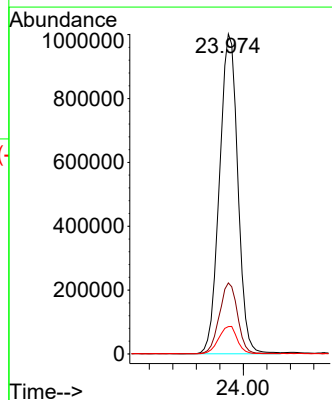
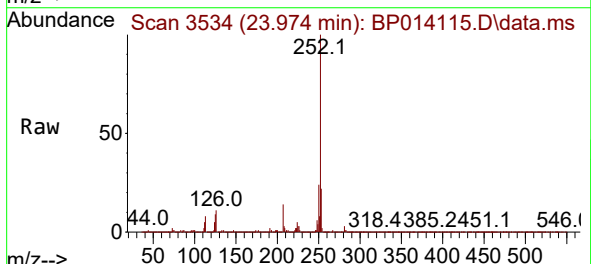
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

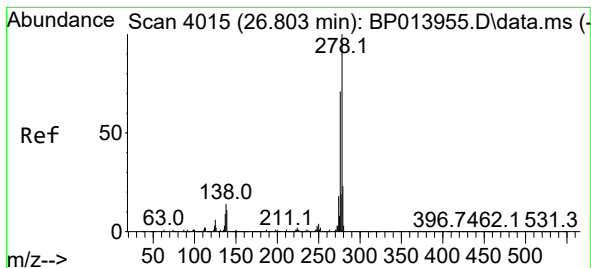
Tgt Ion:252 Resp: 2352971  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 7.3 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 40.524 ng  
RT: 23.974 min Scan# 3534  
Delta R.T. 0.000 min  
Lab File: BP014115.D  
Acq: 17 Mar 2023 11:33

Tgt Ion:252 Resp: 2166138  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 8.5 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 36.818 ng

RT: 26.780 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

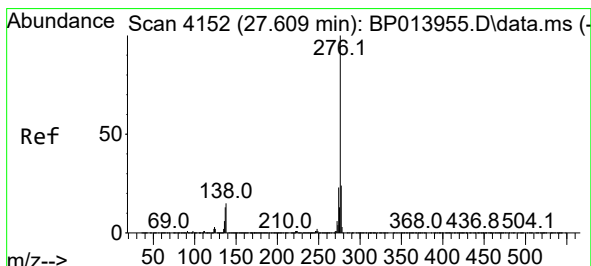
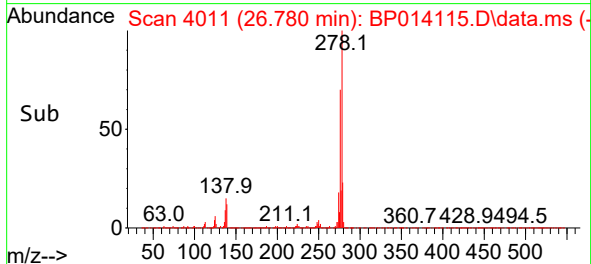
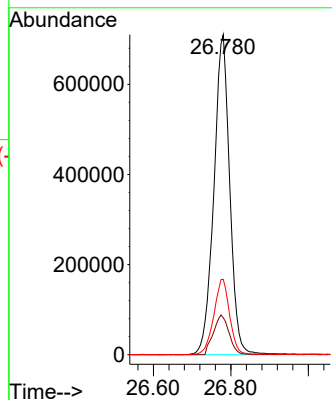
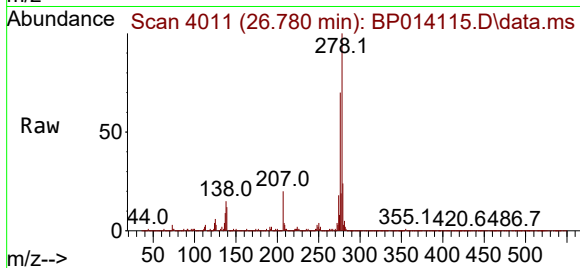
Tgt Ion:278 Resp: 2024118

Ion Ratio Lower Upper

278 100

139 11.5 8.7 13.1

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 36.128 ng

RT: 27.586 min Scan# 4148

Delta R.T. 0.000 min

Lab File: BP014115.D

Acq: 17 Mar 2023 11:33

Tgt Ion:276 Resp: 1968355

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 16.3 12.2 18.4

