

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050622\  
 Data File : BF128122.D  
 Acq On : 06 May 2022 13:57  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 06 16:03:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.910  | 152  | 103741   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 378881   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.951  | 164  | 205693   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 371101   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 227262   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.586 | 264  | 200435   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 534100   | 82.003 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.540  | 99   | 707944   | 83.767 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 712792   | 88.467 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 193836   | 93.611 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1114383  | 91.654 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1121661  | 90.249 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 121938   | 39.239 | ng    | 98       |
| 3) Pyridine                   | 3.505  | 79   | 331949   | 41.690 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 165122   | 42.842 | ng    | 95       |
| 6) Aniline                    | 6.575  | 93   | 426444   | 42.470 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.698  | 128  | 282273   | 41.756 | ng    | 96       |
| 9) Benzaldehyde               | 6.463  | 77   | 183284   | 35.056 | ng    | 95       |
| 10) Phenol                    | 6.557  | 94   | 385914   | 45.275 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.645  | 93   | 287950   | 40.724 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 316013   | 40.611 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 319311   | 41.111 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.081  | 146  | 295081   | 41.039 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.051  | 79   | 294321   | 51.212 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 436658   | 40.406 | ng    | 99       |
| 17) 2-Methylphenol            | 7.163  | 107  | 239610   | 41.081 | ng    | 95       |
| 18) Hexachloroethane          | 7.416  | 117  | 120823   | 42.314 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 219870   | 42.500 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 290727   | 41.262 | ng    | 93       |
| 22) Acetophenone              | 7.322  | 105  | 390578   | 42.295 | ng    | 94       |
| 24) Nitrobenzene              | 7.498  | 77   | 338787   | 43.636 | ng    | 100      |
| 25) Isophorone                | 7.734  | 82   | 570125   | 42.042 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.810  | 139  | 151203   | 45.703 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.840  | 122  | 228349   | 41.554 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.940  | 93   | 357568   | 41.143 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.051  | 162  | 239444   | 41.592 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.134  | 180  | 272132   | 41.614 | ng    | 98       |
| 31) Naphthalene               | 8.216  | 128  | 793431   | 41.117 | ng    | 99       |
| 32) Benzoic acid              | 7.975  | 122  | 164343   | 41.724 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.263  | 127  | 318363   | 41.697 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 184715   | 44.844 | ng    | 96       |
| 35) Caprolactam               | 8.651  | 113  | 74848    | 40.277 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 264009   | 42.940 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 528303   | 41.425 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 513225   | 41.403 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 266958   | 44.032 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 112568   | 34.269 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.181  | 196  | 171484   | 42.986 | ng    | 99       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :  
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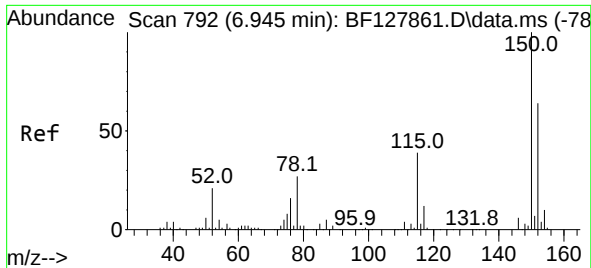
Quant Time: May 06 16:03:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.228  | 196  | 183192   | 42.242 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 652829   | 42.846 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 489195   | 42.175 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 177822   | 45.321 | ng    | 97       |
| 49) Acenaphthylene            | 9.816  | 152  | 747919   | 42.153 | ng    | 99       |
| 50) Dimethylphthalate         | 9.669  | 163  | 582852   | 42.251 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 128341   | 42.970 | ng    | 93       |
| 52) Acenaphthene              | 9.986  | 154  | 462296   | 38.756 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.910  | 138  | 136714   | 41.220 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.016 | 184  | 70503    | 44.822 | ng    | 88       |
| 55) Dibenzofuran              | 10.157 | 168  | 726209   | 42.197 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.069 | 139  | 92559    | 36.547 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 172343   | 43.562 | ng    | 96       |
| 58) Fluorene                  | 10.504 | 166  | 548447   | 42.707 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.275 | 232  | 156953   | 43.039 | ng    | 99       |
| 60) Diethylphthalate          | 10.369 | 149  | 564555   | 41.735 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204  | 273984   | 42.934 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.528 | 138  | 131914   | 40.683 | ng    | 97       |
| 63) Azobenzene                | 10.651 | 77   | 622705   | 41.835 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 104424   | 47.357 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 479497   | 41.525 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 175463   | 42.652 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 191034   | 44.075 | ng    | 98       |
| 69) Atrazine                  | 11.133 | 200  | 142229   | 39.833 | ng    | 98       |
| 70) Pentachlorophenol         | 11.245 | 266  | 91883    | 36.034 | ng    | 98       |
| 71) Phenanthrene              | 11.469 | 178  | 785839   | 40.454 | ng    | 99       |
| 72) Anthracene                | 11.522 | 178  | 790071   | 40.829 | ng    | 100      |
| 73) Carbazole                 | 11.675 | 167  | 731547   | 39.226 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 842937   | 40.195 | ng    | 99       |
| 75) Fluoranthene              | 12.657 | 202  | 804931   | 39.371 | ng    | 98       |
| 77) Benzidine                 | 12.780 | 184  | 211466   | 49.177 | ng    | 99       |
| 78) Pyrene                    | 12.892 | 202  | 801489   | 43.688 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 319516   | 44.435 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 640272   | 42.269 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 189937   | 39.491 | ng    | 99       |
| 83) Chrysene                  | 14.116 | 228  | 591468   | 40.885 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 395368   | 41.462 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 598492   | 40.500 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 577944   | 43.199 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 509324   | 40.458 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.174 | 252  | 518047   | 40.845 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 433129   | 41.477 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 458096   | 42.694 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 480720   | 42.514 | ng    | 96       |

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

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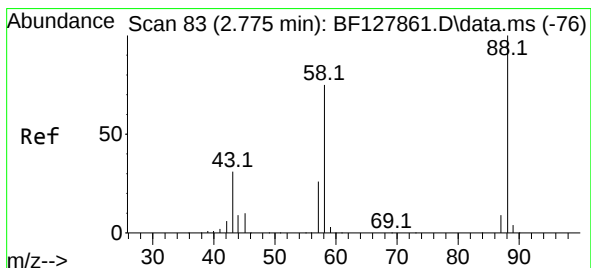
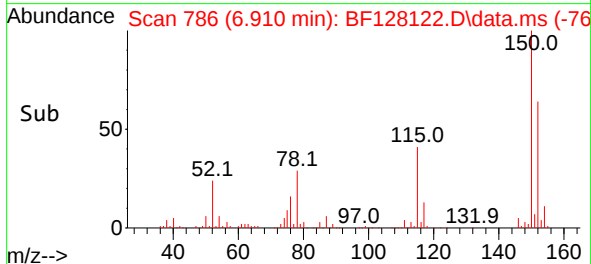
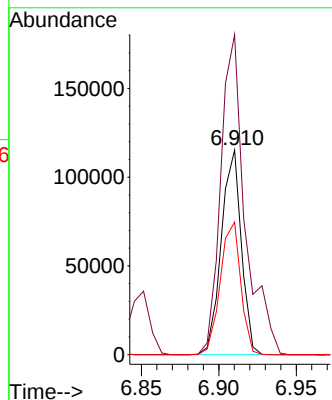
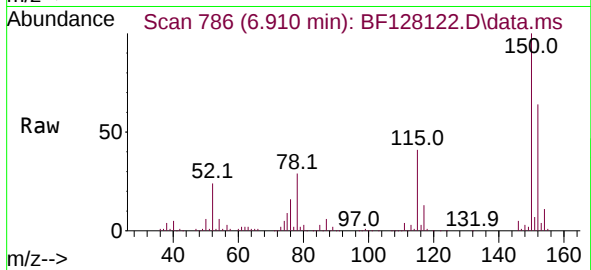




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 77  
 Delta R.T. 0.000 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

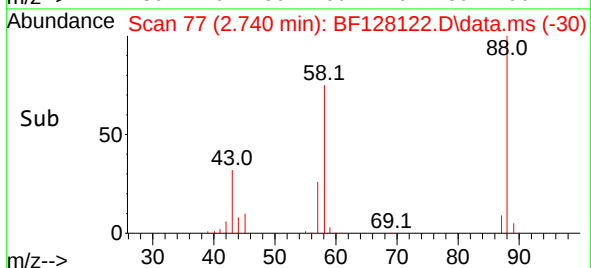
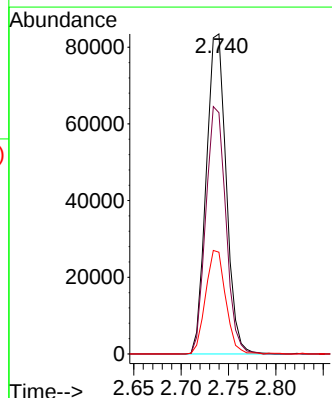
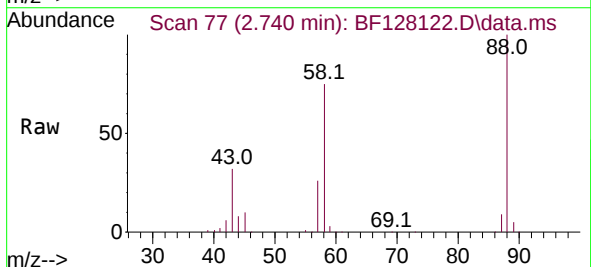
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SSTDCCC040

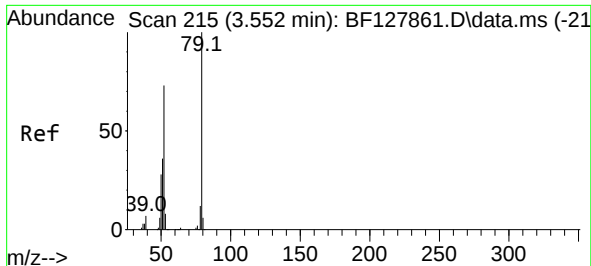
Tgt Ion:152 Resp: 103741  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 125.3 187.9  
 115 64.8 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 39.239 ng  
 RT: 2.740 min Scan# 77  
 Delta R.T. -0.023 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

Tgt Ion: 88 Resp: 121938  
 Ion Ratio Lower Upper  
 88 100  
 58 77.5 61.0 91.4  
 43 32.6 24.9 37.3

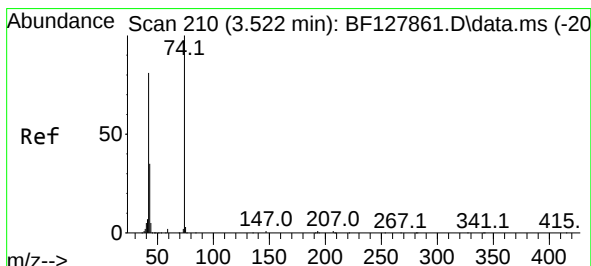
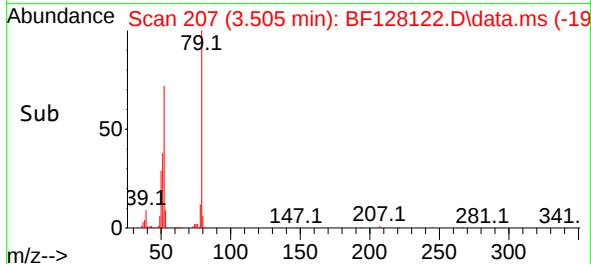
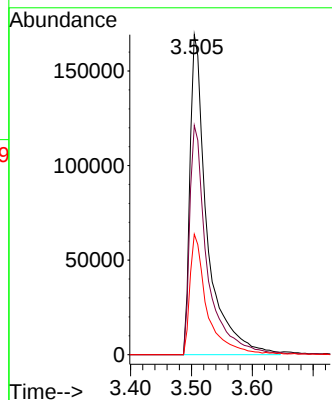
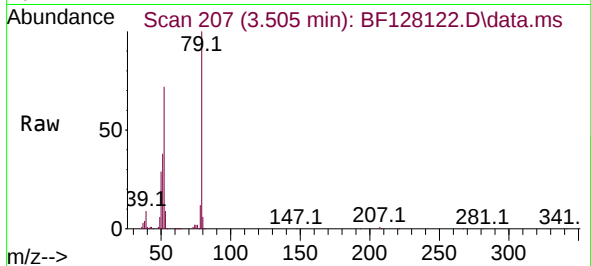




#3  
Pyridine  
Concen: 41.690 ng  
RT: 3.505 min Scan# 20  
Delta R.T. -0.023 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

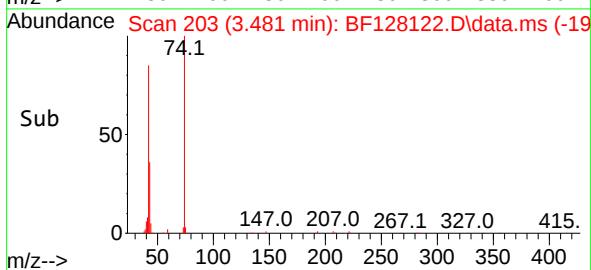
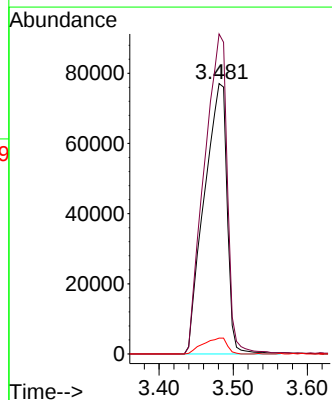
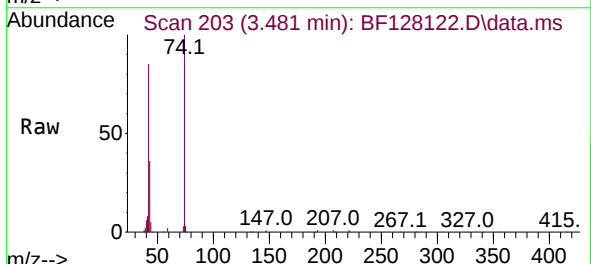
Instrument :  
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ClientSampleId :  
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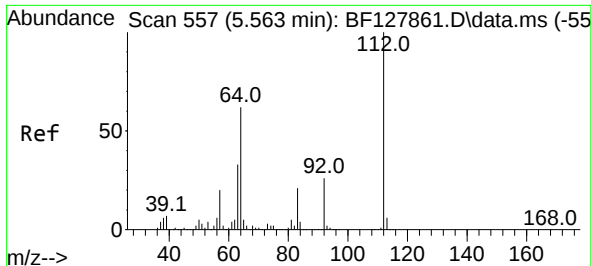
Tgt Ion: 79 Resp: 331949  
Ion Ratio Lower Upper  
79 100  
52 71.6 58.3 87.5  
51 37.6 28.6 42.8



#4  
n-Nitrosodimethylamine  
Concen: 42.842 ng  
RT: 3.481 min Scan# 203  
Delta R.T. -0.029 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion: 42 Resp: 165122  
Ion Ratio Lower Upper  
42 100  
74 118.3 99.0 148.4  
44 5.9 5.2 7.8

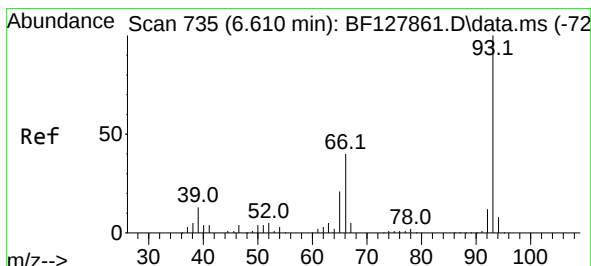
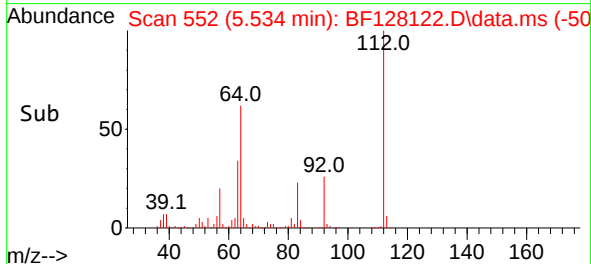
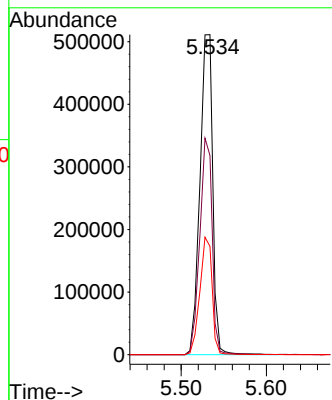
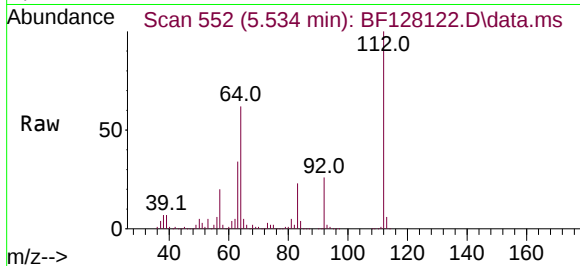




#5  
2-Fluorophenol  
Concen: 82.003 ng  
RT: 5.534 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

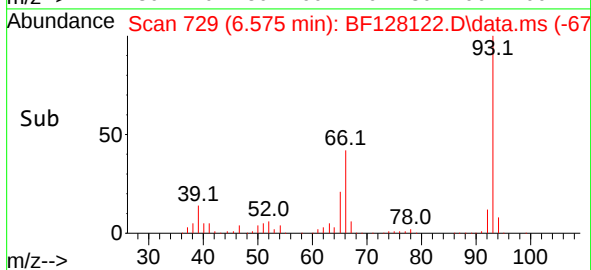
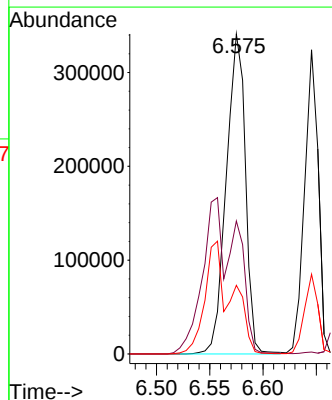
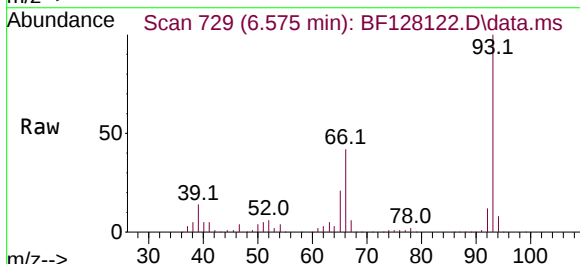
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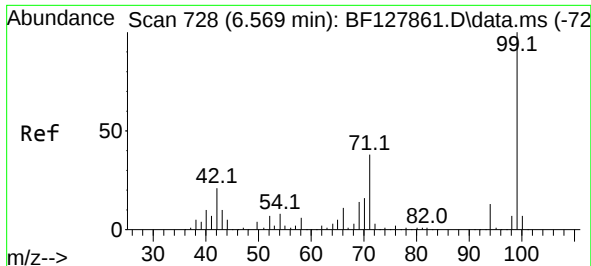
Tgt Ion:112 Resp: 534100  
Ion Ratio Lower Upper  
112 100  
64 62.2 49.5 74.3  
63 33.9 26.3 39.5



#6  
Aniline  
Concen: 42.470 ng  
RT: 6.575 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
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Tgt Ion: 93 Resp: 426444  
Ion Ratio Lower Upper  
93 100  
66 41.6 32.2 48.4  
65 21.5 16.7 25.1

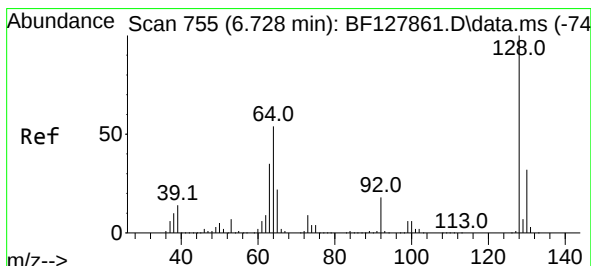
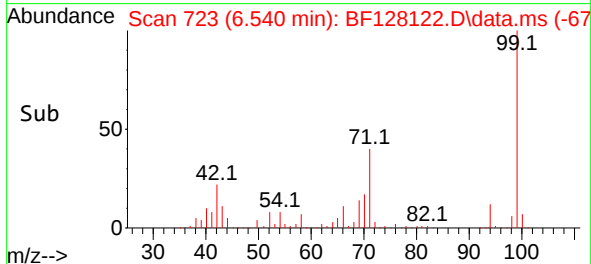
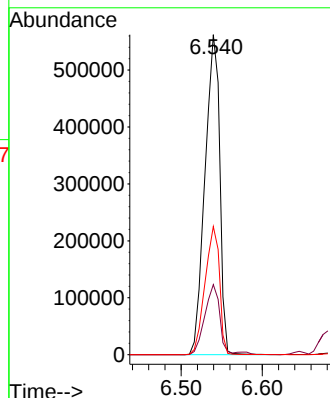
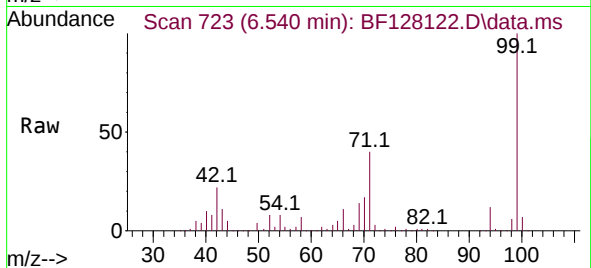




#7  
Phenol-d6  
Concen: 83.767 ng  
RT: 6.540 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

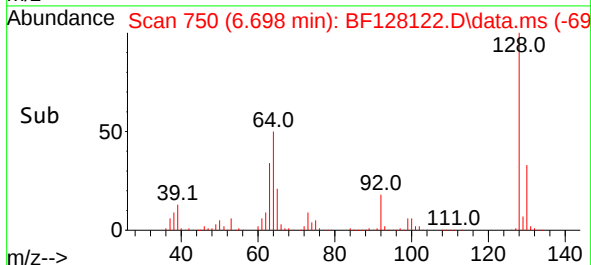
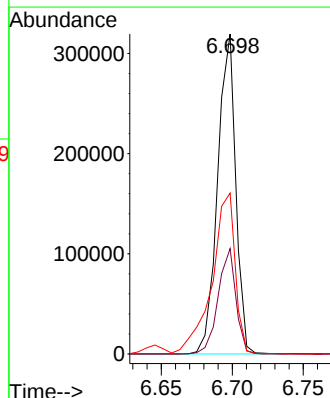
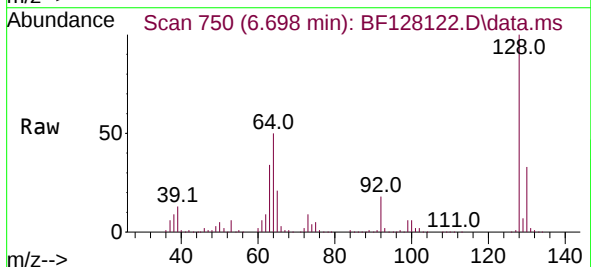
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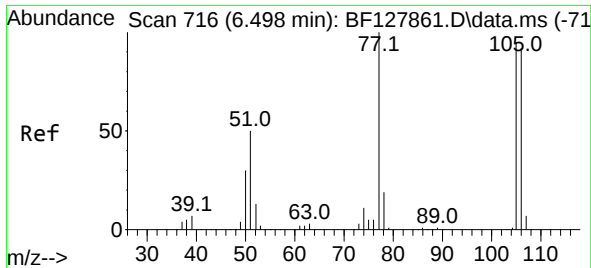
Tgt Ion: 99 Resp: 707944  
Ion Ratio Lower Upper  
99 100  
42 21.9 16.6 24.8  
71 40.0 30.0 45.0



#8  
2-Chlorophenol  
Concen: 41.756 ng  
RT: 6.698 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion: 128 Resp: 282273  
Ion Ratio Lower Upper  
128 100  
130 32.9 11.6 51.6  
64 50.3 33.8 73.8





#9

Benzaldehyde

Concen: 35.056 ng

RT: 6.463 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

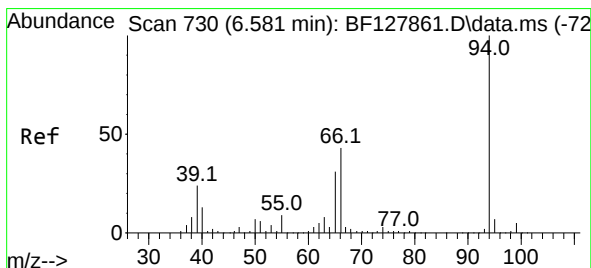
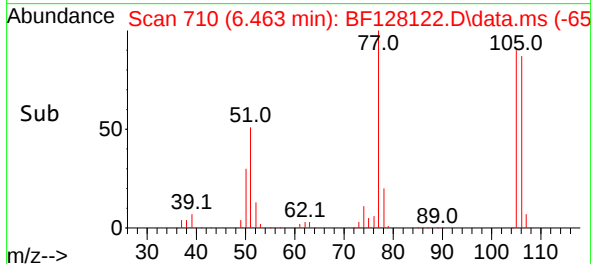
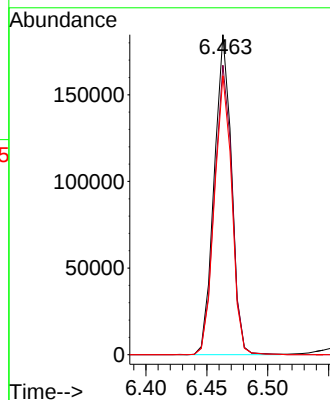
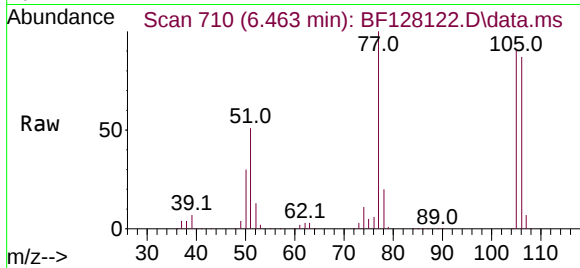
Tgt Ion: 77 Resp: 183284

Ion Ratio Lower Upper

77 100

105 90.5 74.9 114.9

106 87.2 72.2 112.2



#10

Phenol

Concen: 45.275 ng

RT: 6.557 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

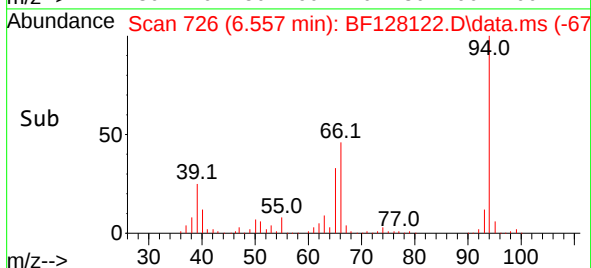
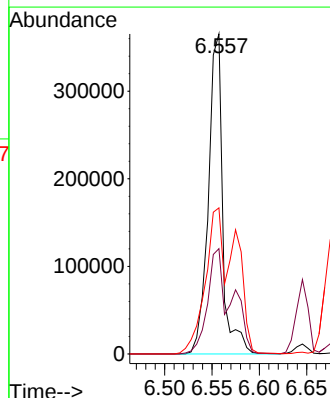
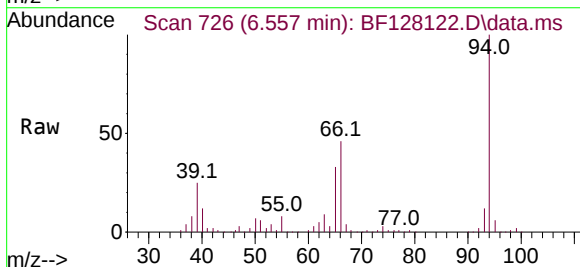
Tgt Ion: 94 Resp: 385914

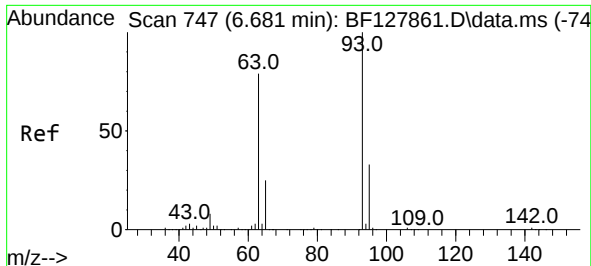
Ion Ratio Lower Upper

94 100

65 32.9 10.6 50.6

66 45.6 22.6 62.6

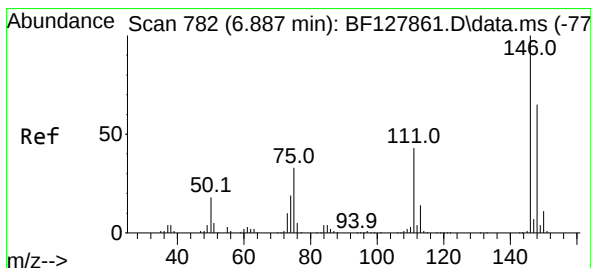
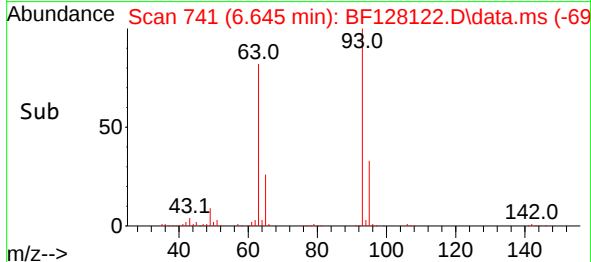
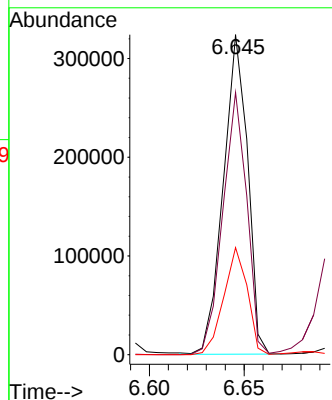
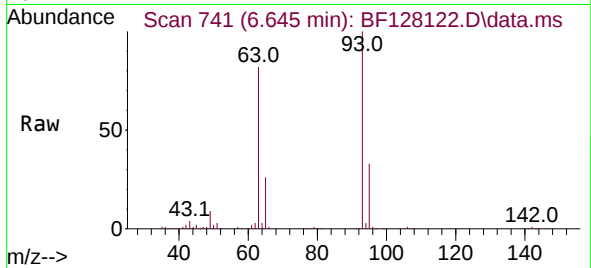




#11  
bis(2-Chloroethyl)ether  
Concen: 40.724 ng  
RT: 6.645 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

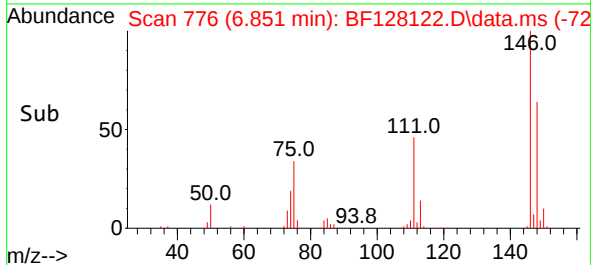
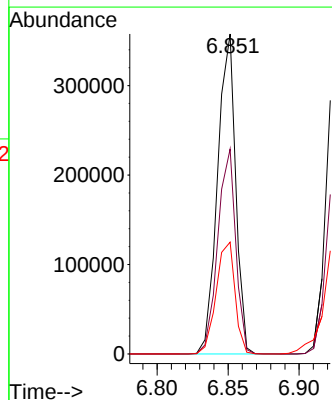
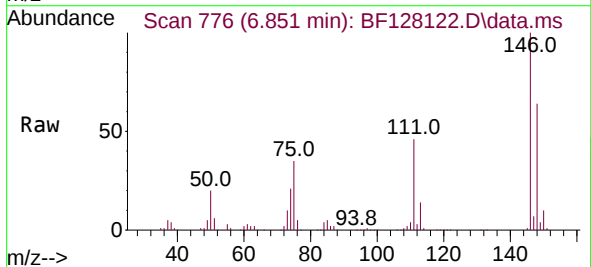
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

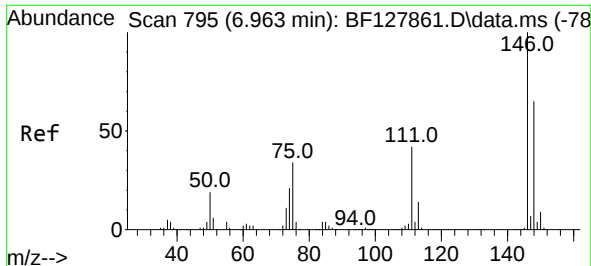
Tgt Ion: 93 Resp: 287950  
Ion Ratio Lower Upper  
93 100  
63 82.0 58.6 98.6  
95 33.5 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 40.611 ng  
RT: 6.851 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:146 Resp: 316013  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.1 78.1  
75 35.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 41.111 ng

RT: 6.928 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

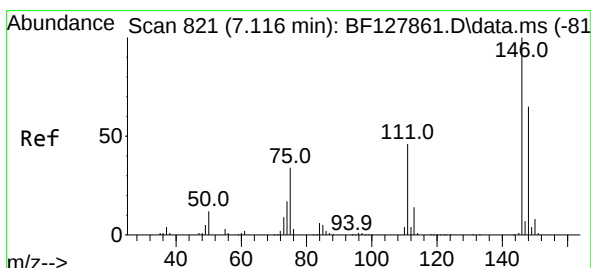
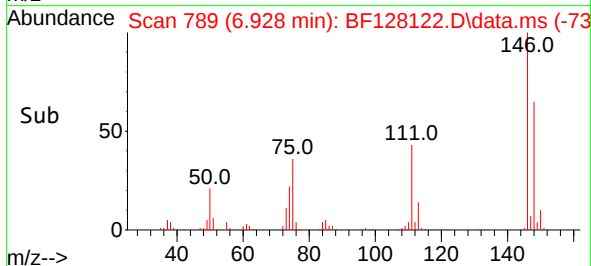
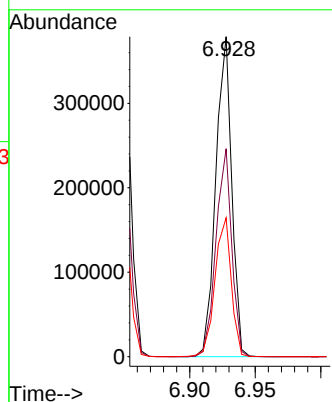
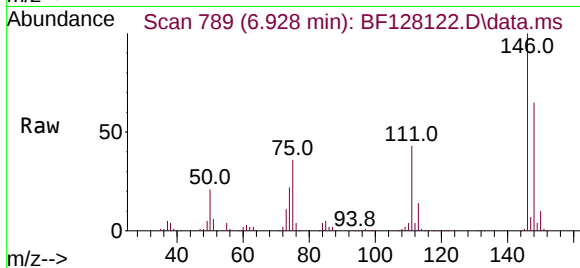
Tgt Ion:146 Resp: 319311

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

111 43.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.039 ng

RT: 7.081 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

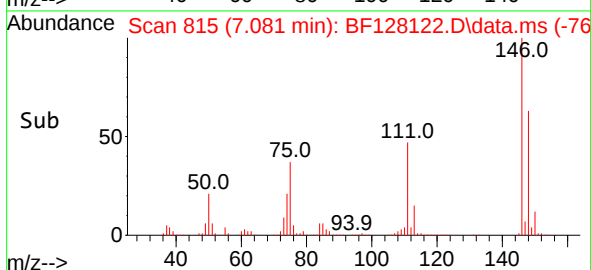
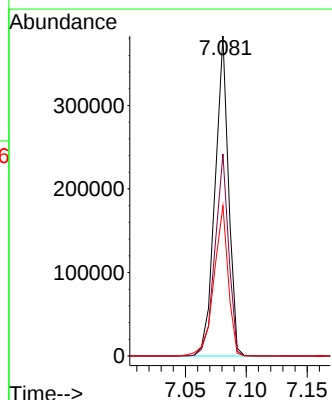
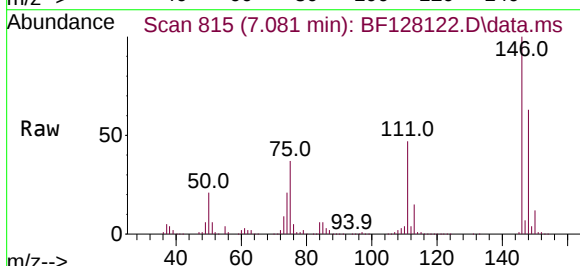
Tgt Ion:146 Resp: 295081

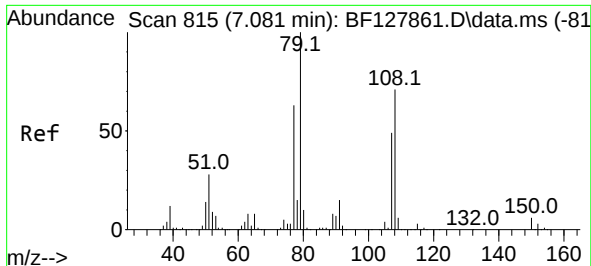
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

111 47.0 36.6 55.0

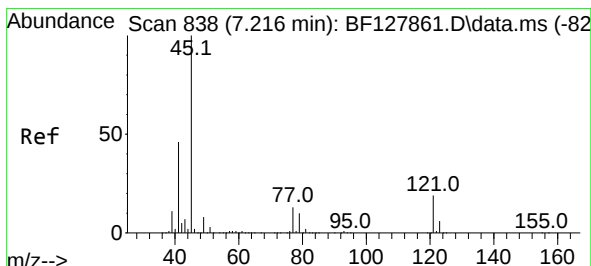
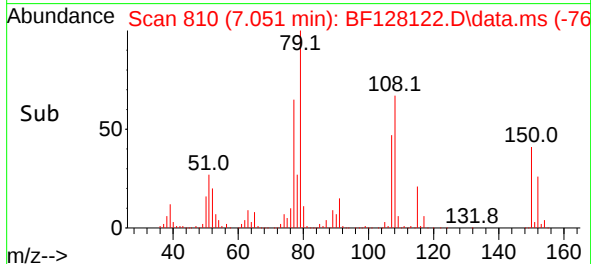
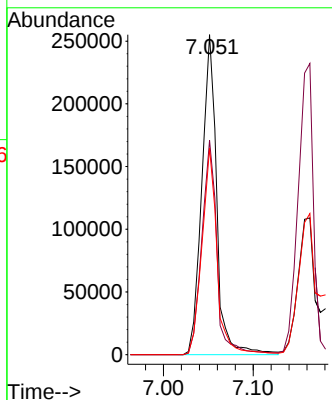
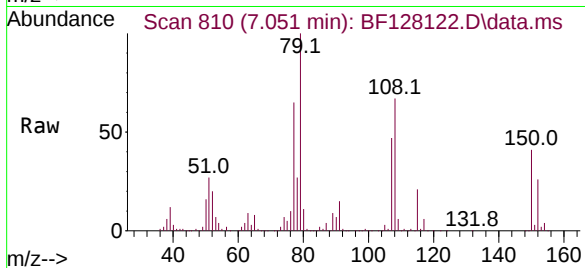




#15  
Benzyl Alcohol  
Concen: 51.212 ng  
RT: 7.051 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

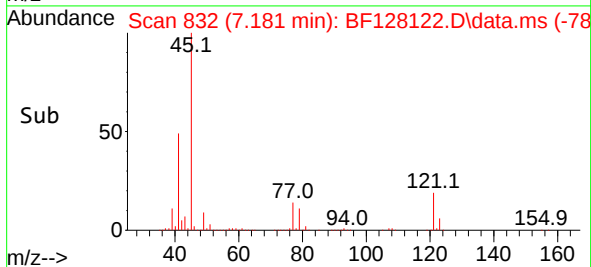
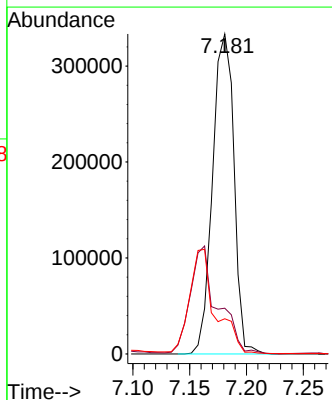
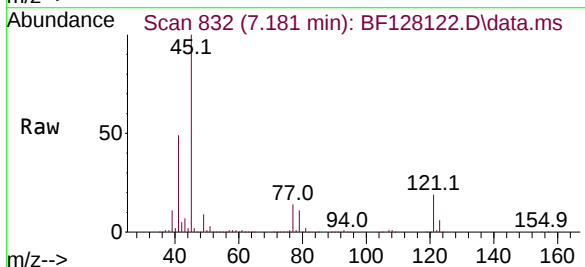
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

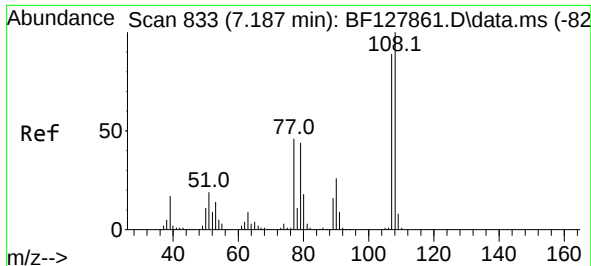
Tgt Ion: 79 Resp: 294321  
Ion Ratio Lower Upper  
79 100  
108 67.0 57.0 85.6  
77 64.6 50.2 75.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.406 ng  
RT: 7.181 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion: 45 Resp: 436658  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 34.9  
79 11.0 0.0 31.6

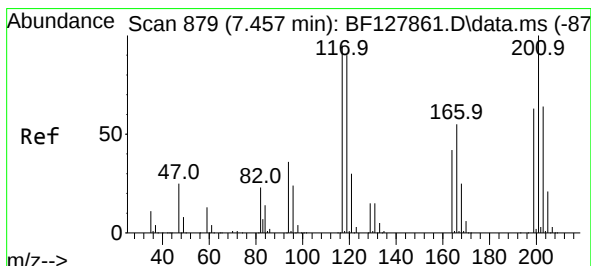
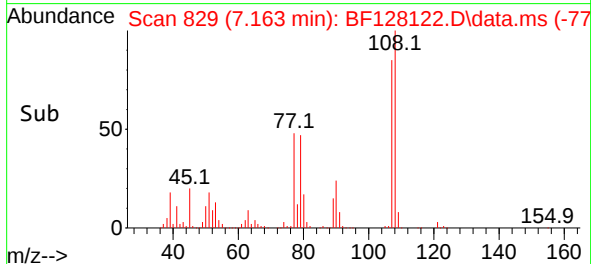
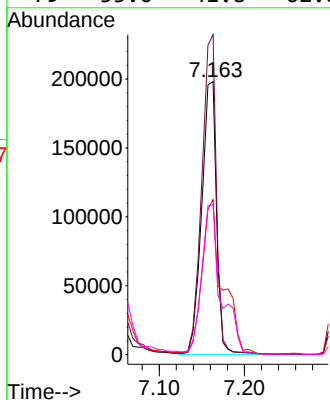
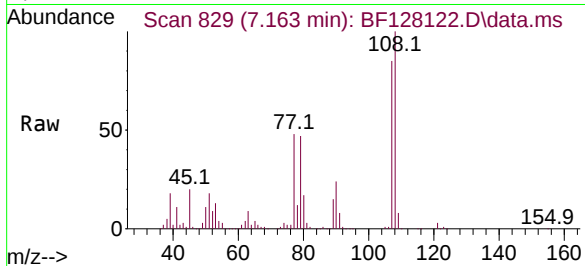




#17  
2-Methylphenol  
Concen: 41.081 ng  
RT: 7.163 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

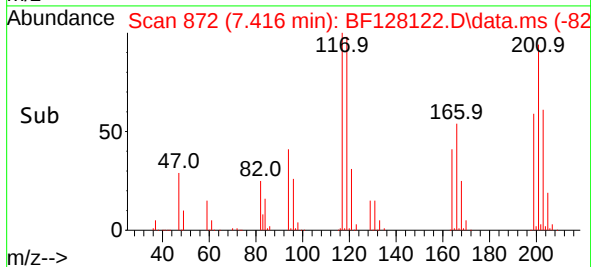
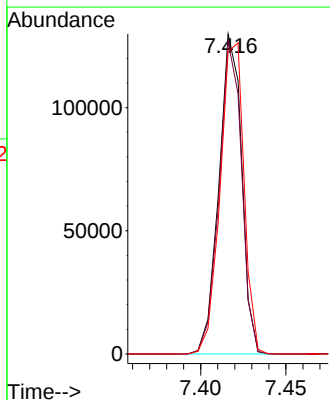
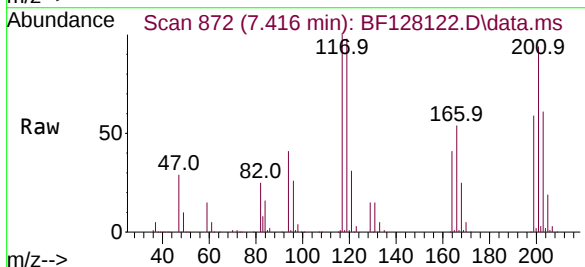
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

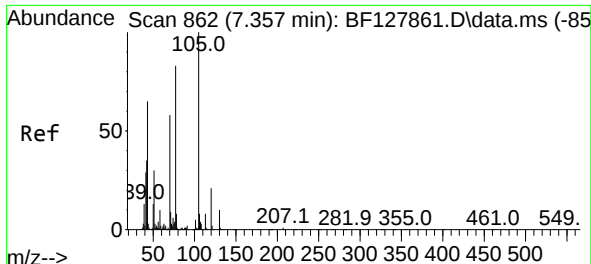
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 239610 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 117.1 | 90.2  | 135.2  |
| 77       | 56.7  | 41.9  | 62.9   |
| 79       | 55.0  | 41.8  | 62.8   |



#18  
Hexachloroethane  
Concen: 42.314 ng  
RT: 7.416 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120823 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 76.2  | 114.4  |
| 201      | 94.4  | 84.4  | 126.6  |

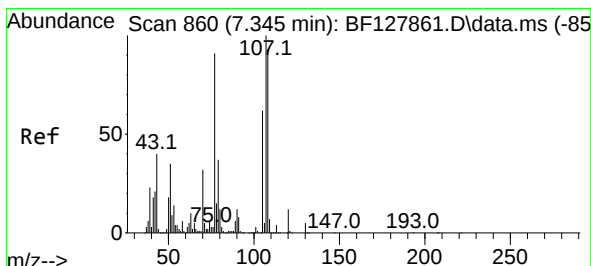
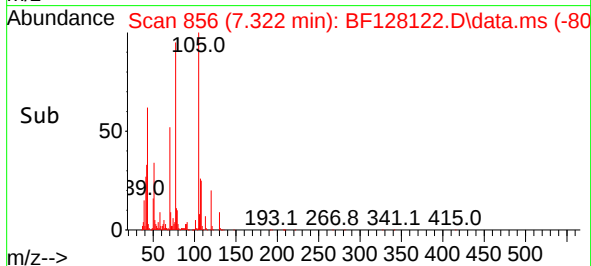
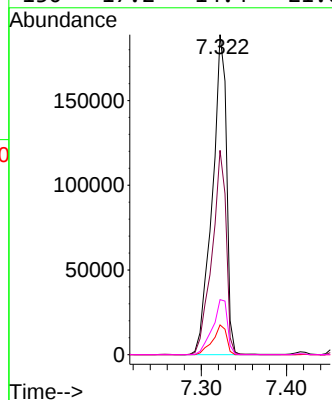
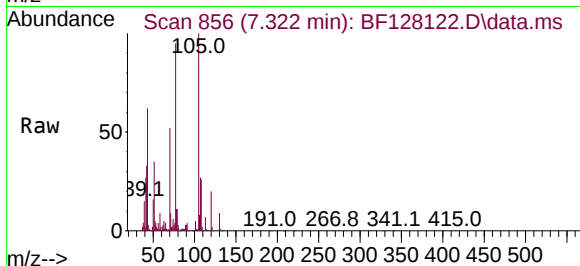




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.500 ng  
RT: 7.322 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

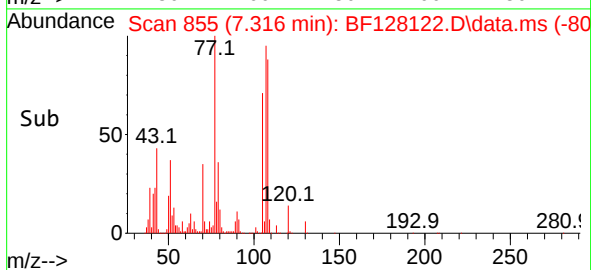
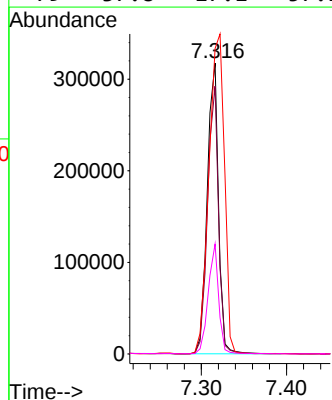
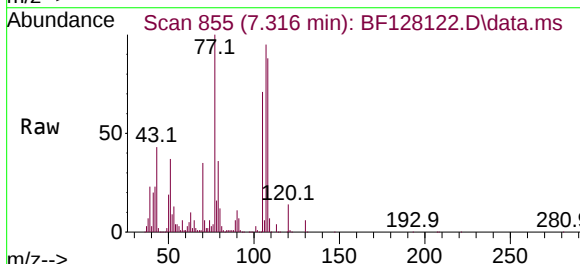
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

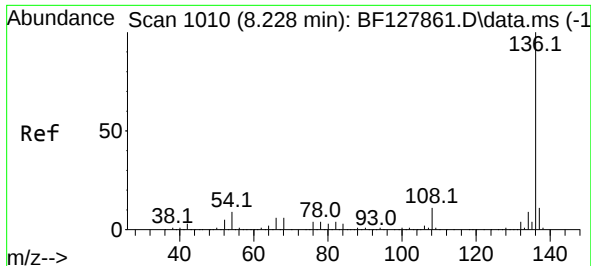
Tgt Ion: 70 Resp: 219870  
Ion Ratio Lower Upper  
70 100  
42 63.9 48.7 73.1  
101 9.3 7.2 10.8  
130 17.2 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 41.262 ng  
RT: 7.316 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion: 107 Resp: 290727  
Ion Ratio Lower Upper  
107 100  
108 92.1 73.4 113.4  
77 105.0 71.1 111.1  
79 37.8 17.1 57.1

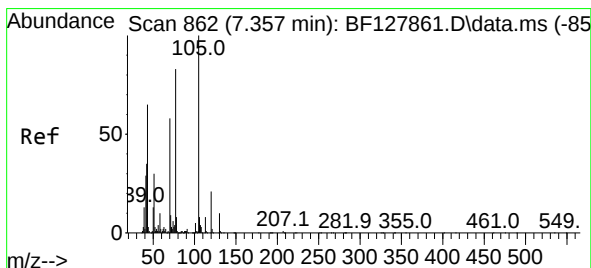
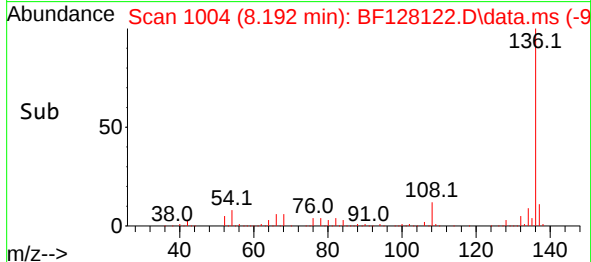
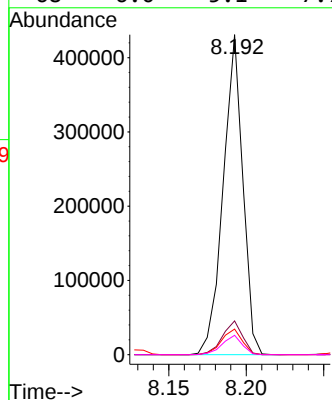
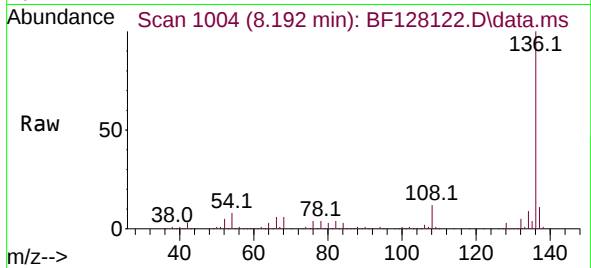




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

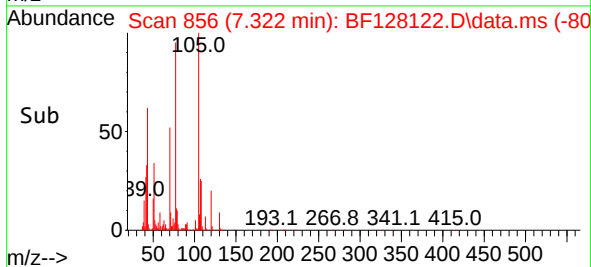
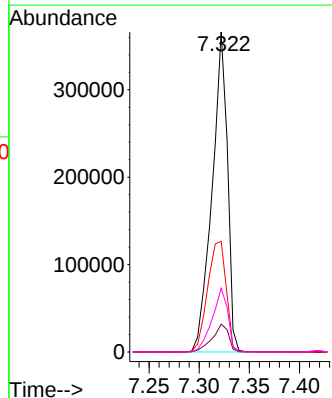
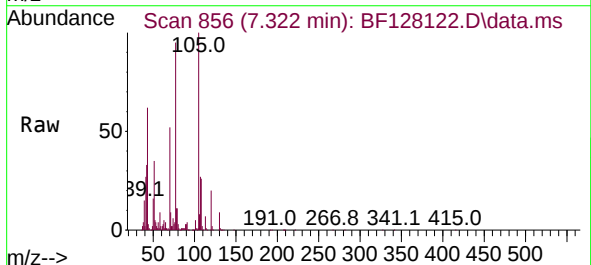
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 378881 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.5    | 8.6 13.0     |
| 54 8.0      | 6.8 10.2     |
| 68 6.0      | 5.1 7.7      |



#22  
Acetophenone  
Concen: 42.295 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 390578 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 8.7      | 7.3 10.9     |
| 51 34.6     | 23.7 35.5    |
| 120 19.9    | 17.0 25.6    |





#23

Nitrobenzene-d5

Concen: 88.467 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

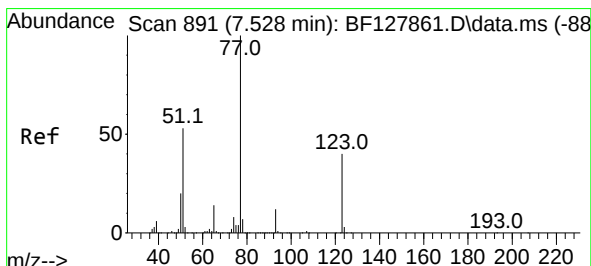
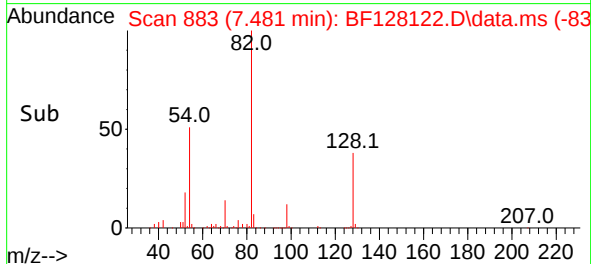
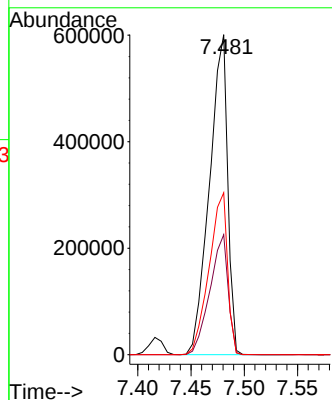
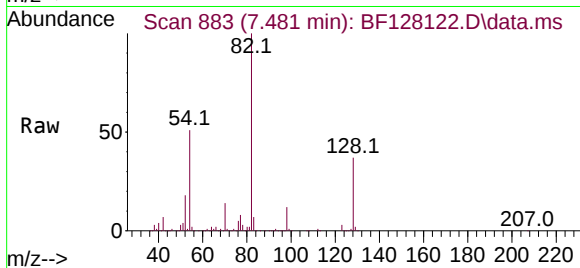
MSVOA\_U

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 712792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.5  | 30.0  | 45.0  |
| 54  | 50.6  | 41.3  | 61.9  |



#24

Nitrobenzene

Concen: 43.636 ng

RT: 7.498 min Scan# 886

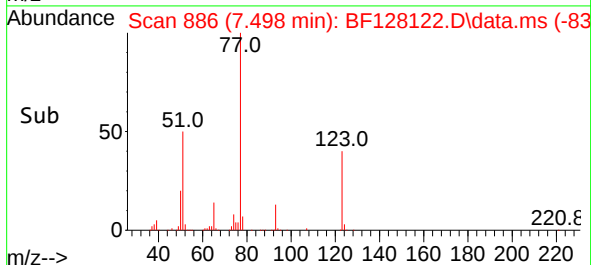
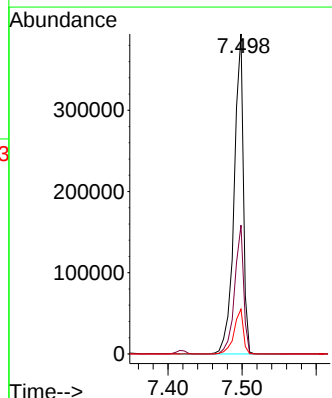
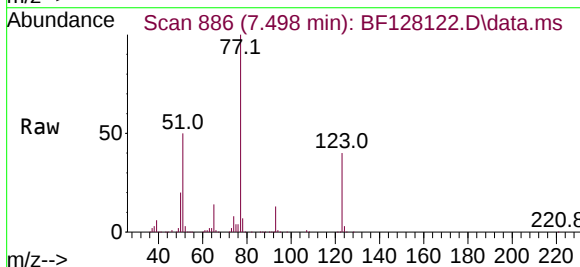
Delta R.T. 0.000 min

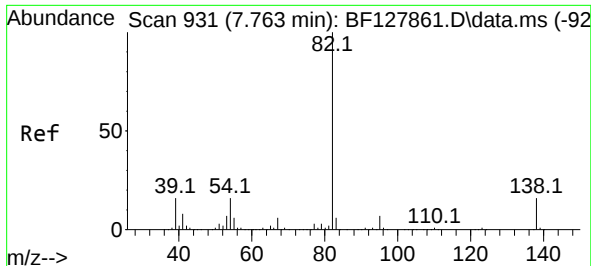
Lab File: BF128122.D

Acq: 06 May 2022 13:57

Tgt Ion: 77 Resp: 338787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.3  | 32.0  | 48.0  |
| 65  | 14.0  | 11.0  | 16.6  |

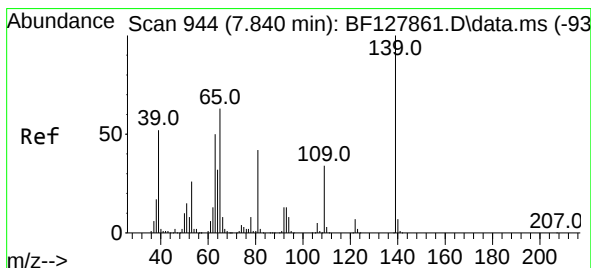
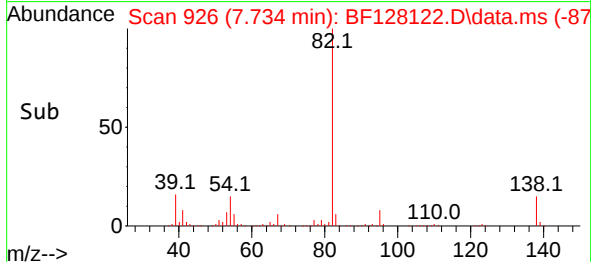
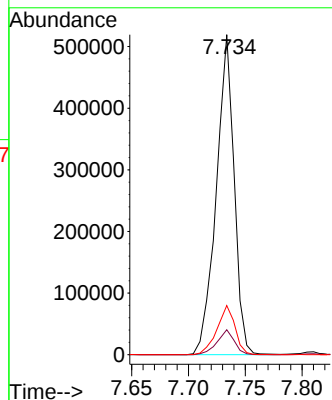
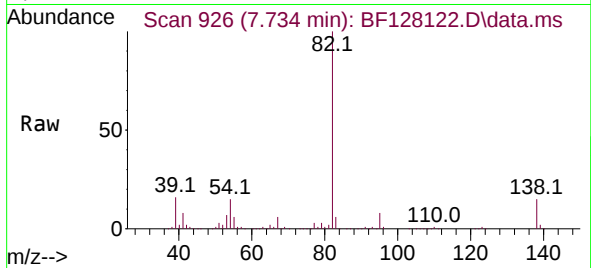




#25  
Isophorone  
Concen: 42.042 ng  
RT: 7.734 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

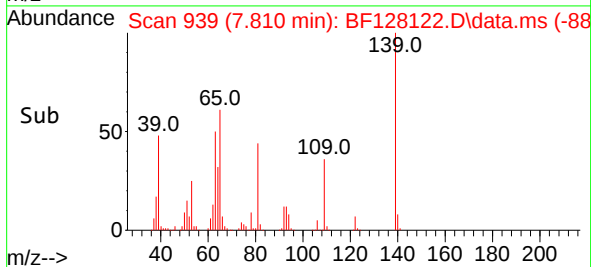
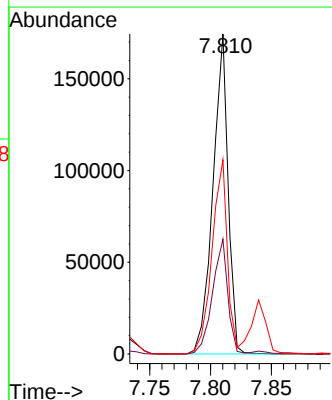
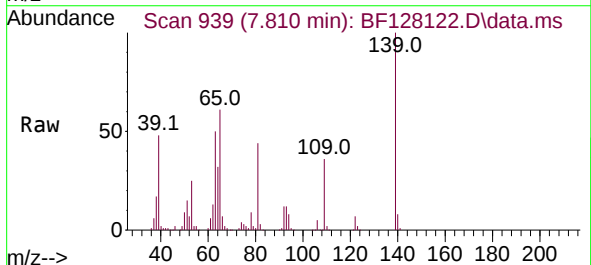
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 570125  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.6 8.4  
138 15.3 12.5 18.7



#26  
2-Nitrophenol  
Concen: 45.703 ng  
RT: 7.810 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion: 139 Resp: 151203  
Ion Ratio Lower Upper  
139 100  
109 35.9 27.4 41.2  
65 60.7 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 41.554 ng

RT: 7.840 min Scan# 949

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

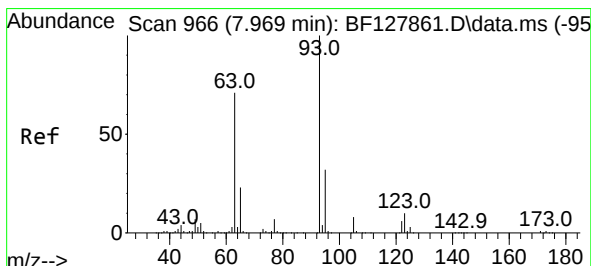
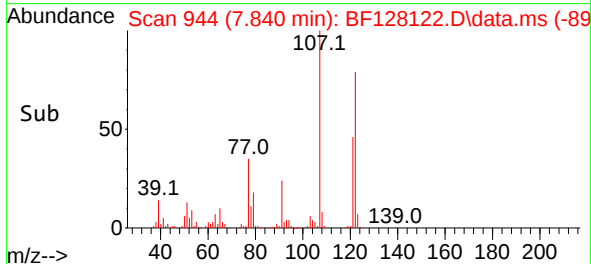
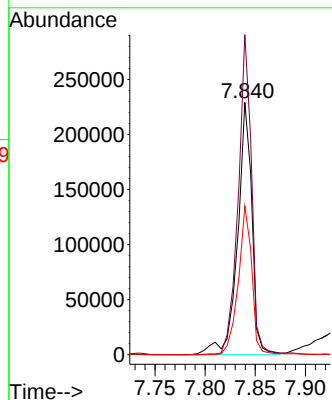
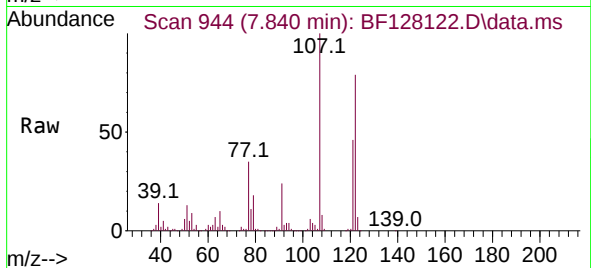
Tgt Ion:122 Resp: 228349

Ion Ratio Lower Upper

122 100

107 126.8 97.5 146.3

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.143 ng

RT: 7.940 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

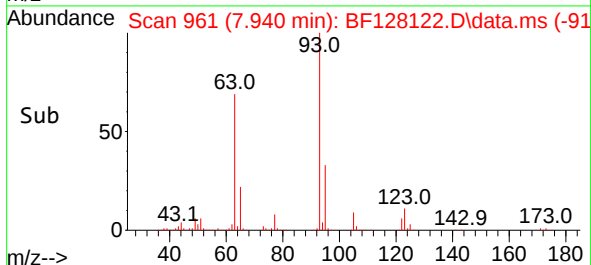
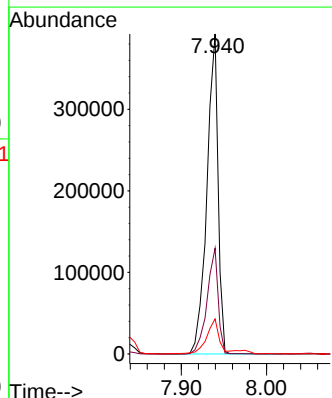
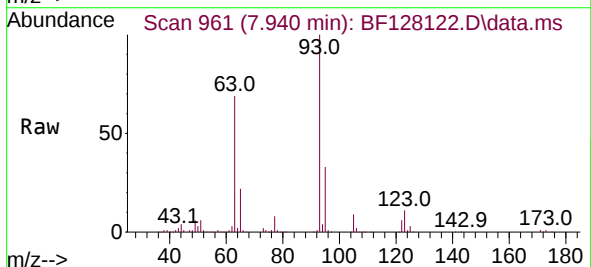
Tgt Ion: 93 Resp: 357568

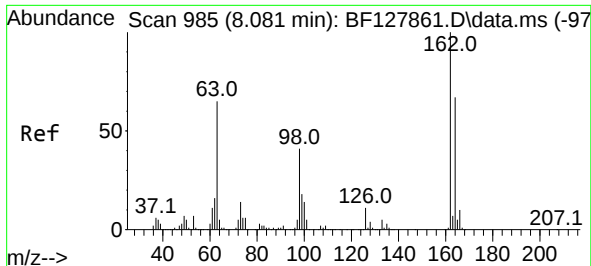
Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.592 ng

RT: 8.051 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

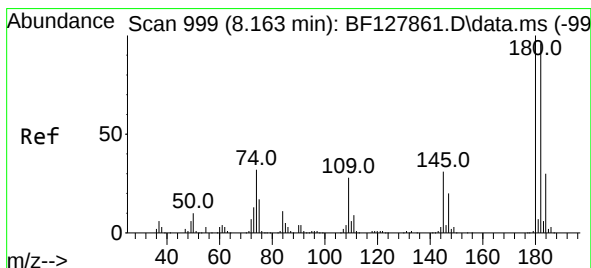
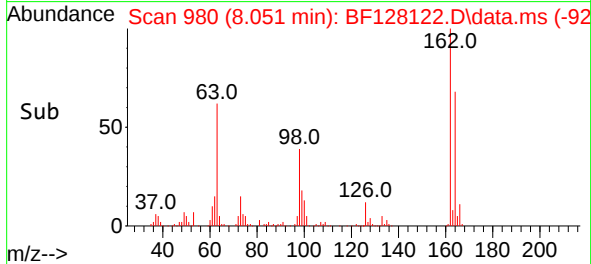
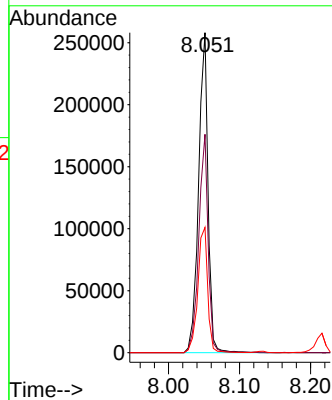
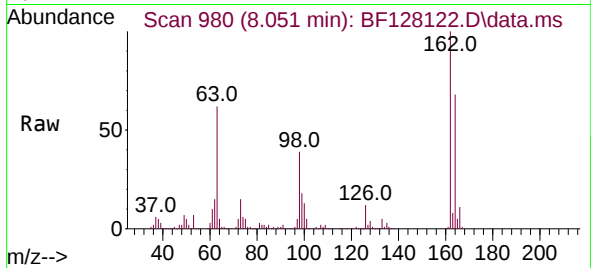
Tgt Ion:162 Resp: 239444

Ion Ratio Lower Upper

162 100

164 68.2 47.1 87.1

98 39.1 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 41.614 ng

RT: 8.134 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

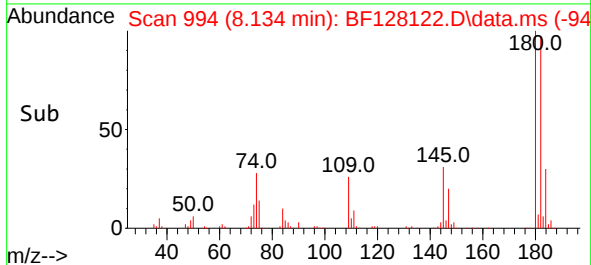
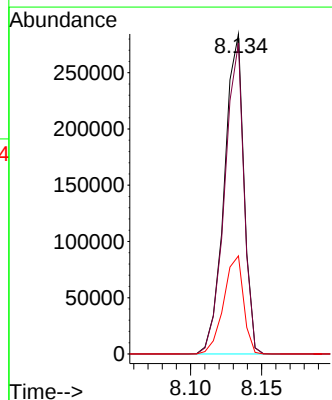
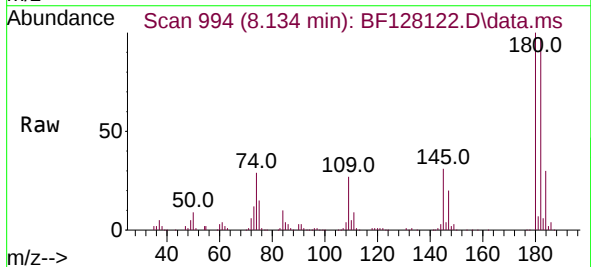
Tgt Ion:180 Resp: 272132

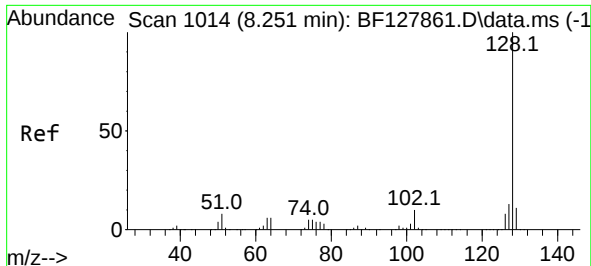
Ion Ratio Lower Upper

180 100

182 97.2 76.4 114.6

145 30.6 25.1 37.7

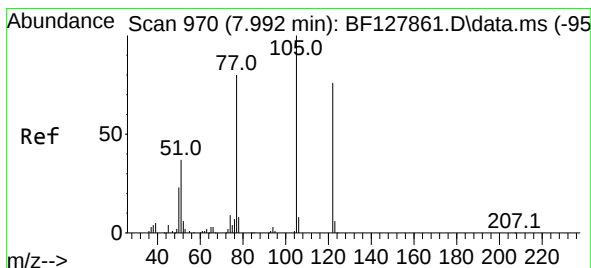
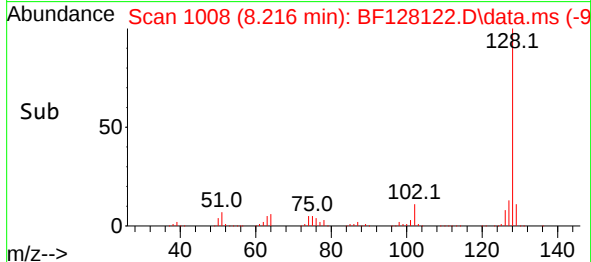
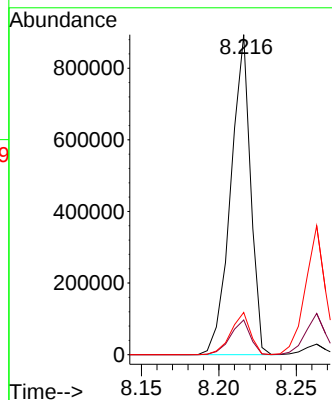
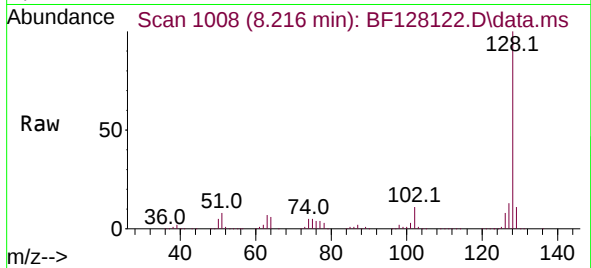




#31  
Naphthalene  
Concen: 41.117 ng  
RT: 8.216 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

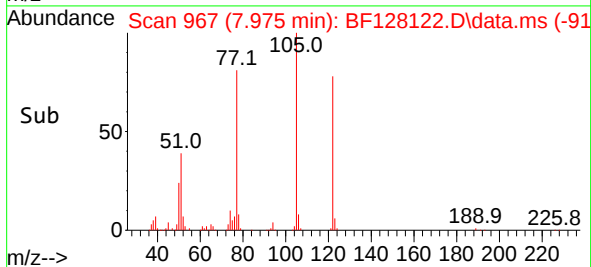
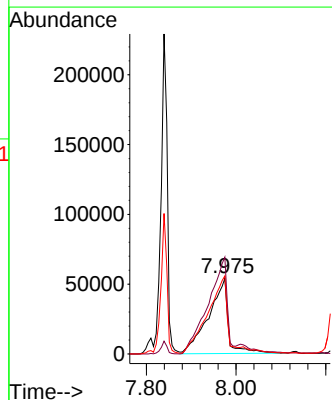
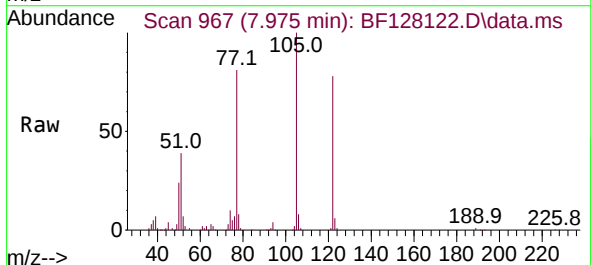
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

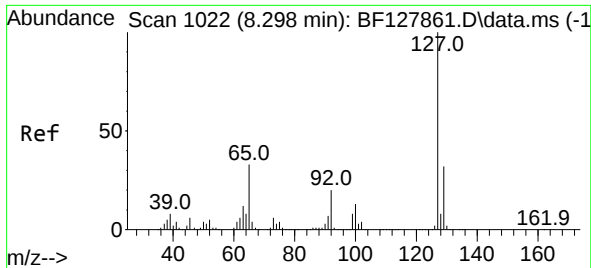
Tgt Ion:128 Resp: 793431  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 41.724 ng  
RT: 7.975 min Scan# 967  
Delta R.T. -0.012 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:122 Resp: 164343  
Ion Ratio Lower Upper  
122 100  
105 128.1 107.9 147.9  
77 103.3 82.5 122.5

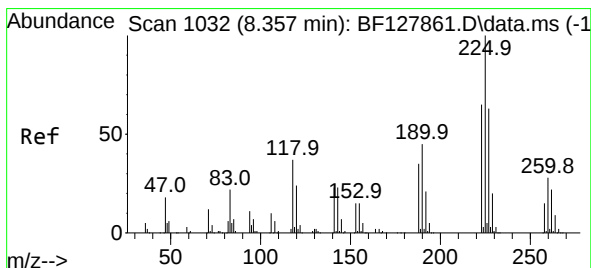
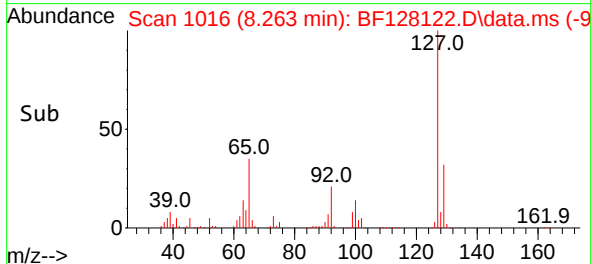
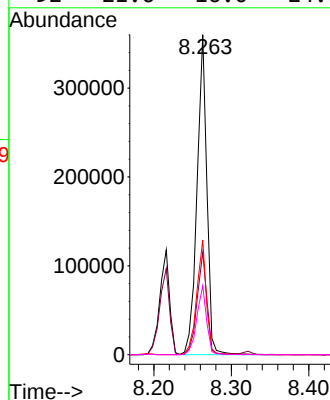
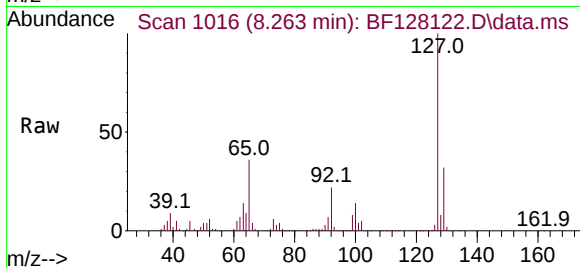




#33  
4-Chloroaniline  
Concen: 41.697 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

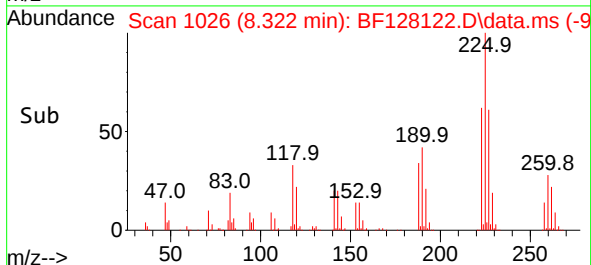
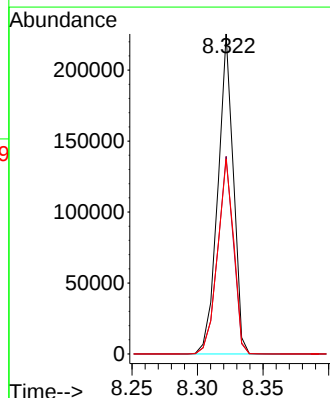
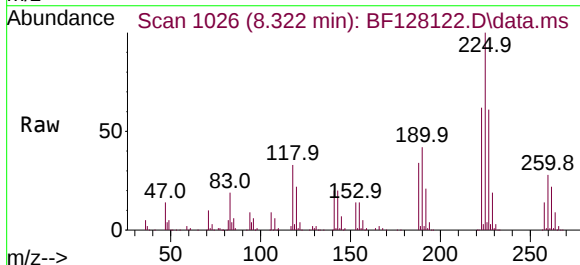
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

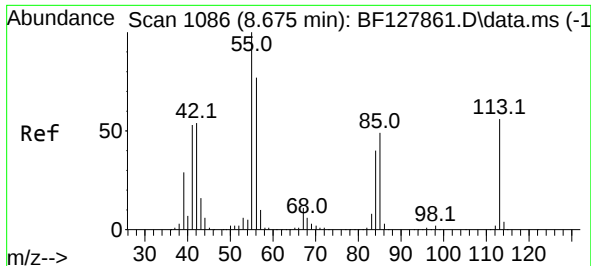
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 318363 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.8  | 38.8   |
| 65       | 35.8  | 26.7  | 40.1   |
| 92       | 21.6  | 16.0  | 24.0   |



#34  
Hexachlorobutadiene  
Concen: 44.844 ng  
RT: 8.322 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 184715 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 52.0  | 78.0   |
| 227      | 60.9  | 50.7  | 76.1   |

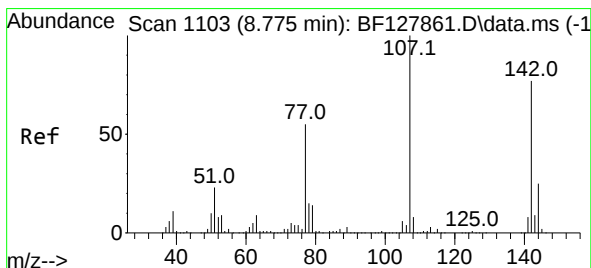
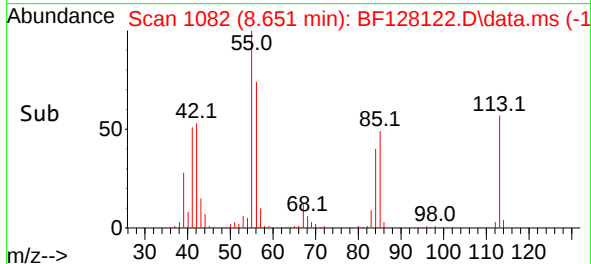
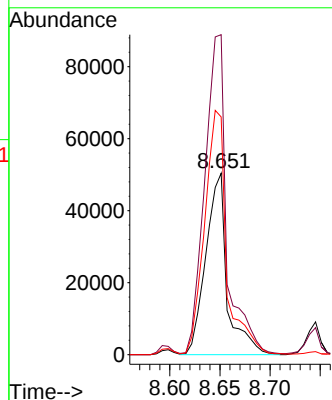
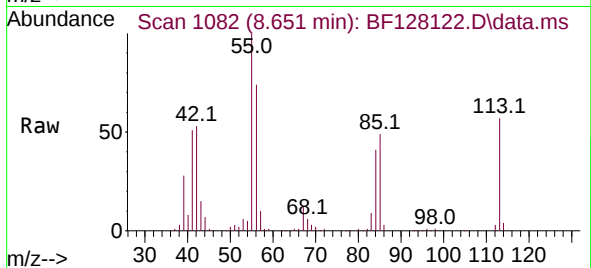




#35  
 Caprolactam  
 Concen: 40.277 ng  
 RT: 8.651 min Scan# 1082  
 Delta R.T. -0.006 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

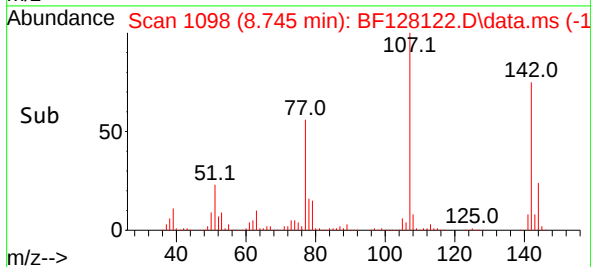
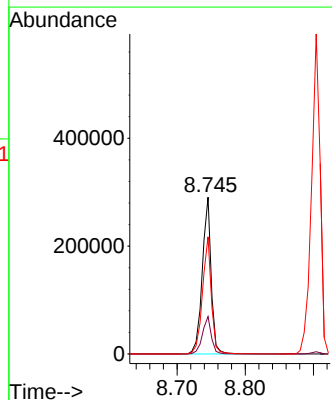
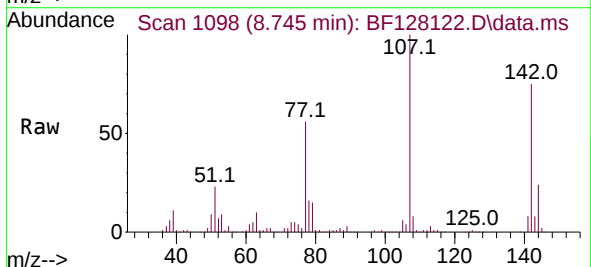
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SSTDCCC040

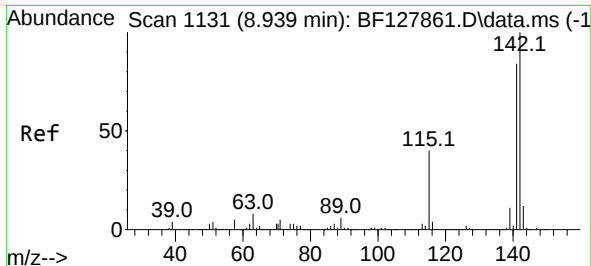
Tgt Ion:113 Resp: 74848  
 Ion Ratio Lower Upper  
 113 100  
 55 176.3 157.4 197.4  
 56 131.0 116.1 156.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.940 ng  
 RT: 8.745 min Scan# 1098  
 Delta R.T. -0.006 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

Tgt Ion:107 Resp: 264009  
 Ion Ratio Lower Upper  
 107 100  
 144 23.9 20.2 30.4  
 142 74.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 41.425 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

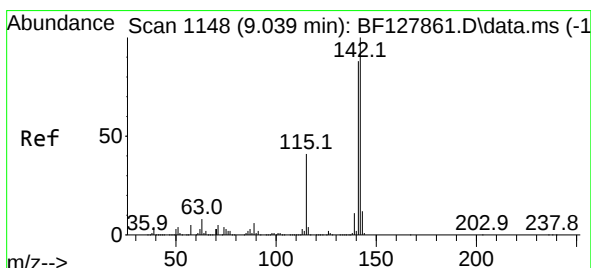
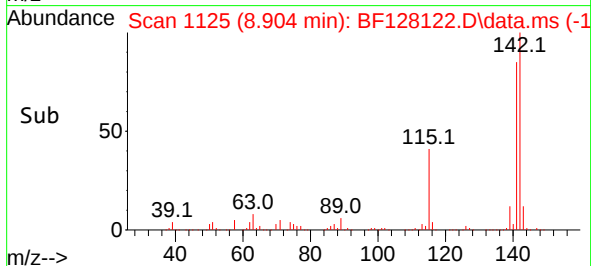
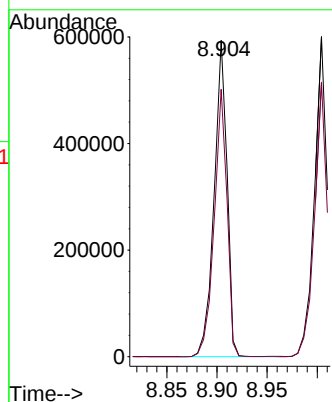
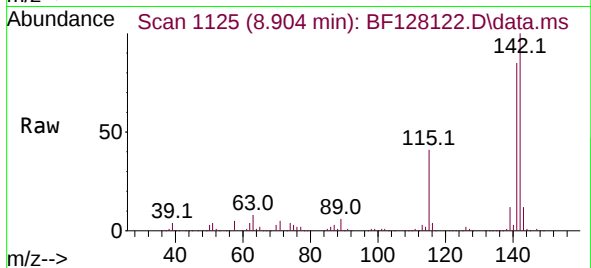
SSTDCCC040

Tgt Ion:142 Resp: 528303

Ion Ratio Lower Upper

142 100

141 84.5 67.4 101.2



#38

1-Methylnaphthalene

Concen: 41.403 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF128122.D

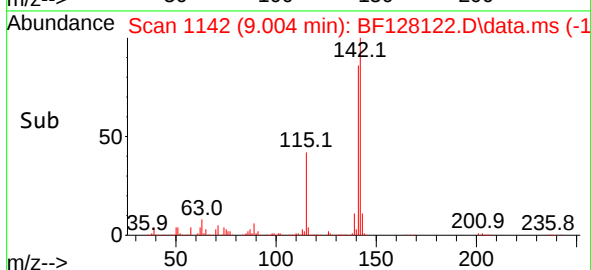
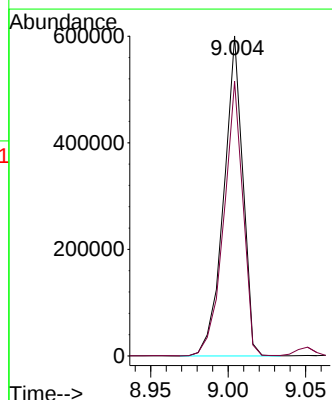
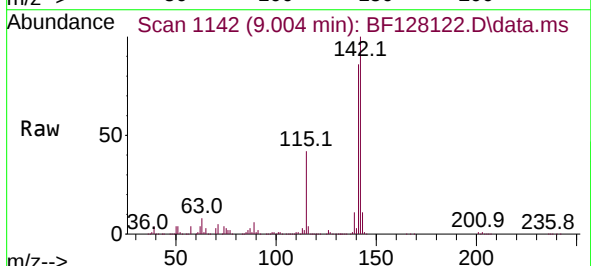
Acq: 06 May 2022 13:57

Tgt Ion:142 Resp: 513225

Ion Ratio Lower Upper

142 100

141 85.9 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

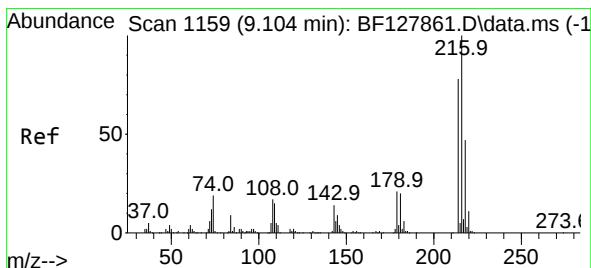
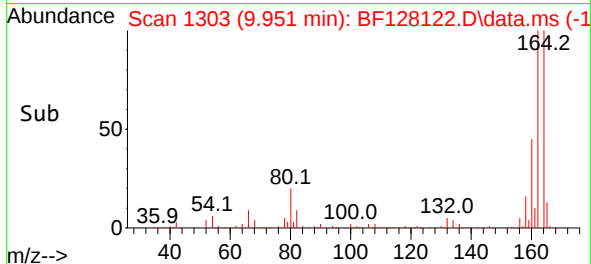
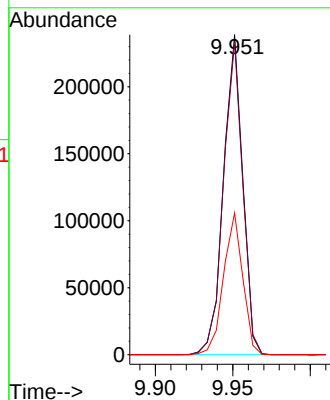
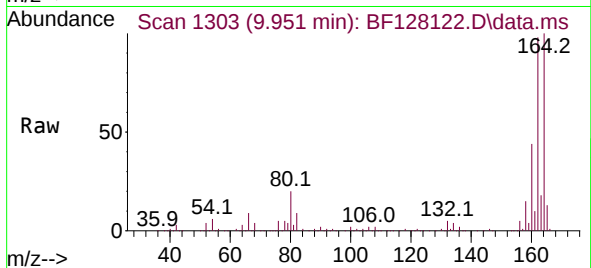
Tgt Ion:164 Resp: 205693

Ion Ratio Lower Upper

164 100

162 97.7 76.0 114.0

160 44.3 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.032 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Tgt Ion:216 Resp: 266958

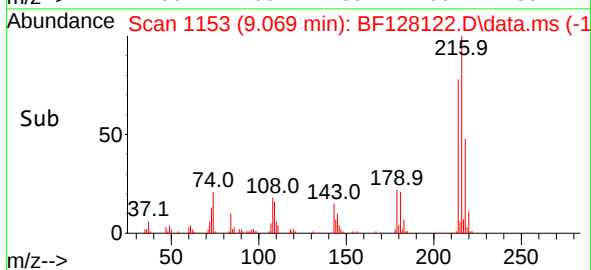
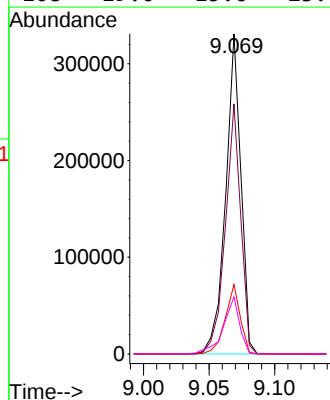
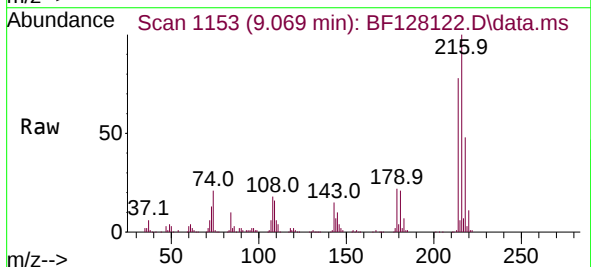
Ion Ratio Lower Upper

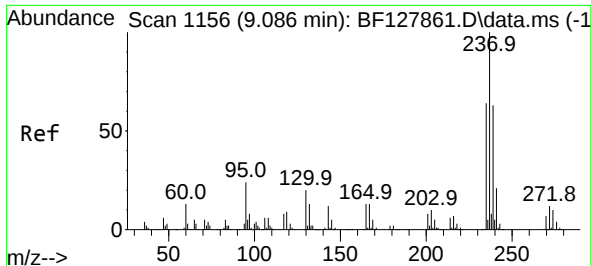
216 100

214 78.7 62.6 94.0

179 21.4 16.9 25.3

108 19.0 15.6 23.4

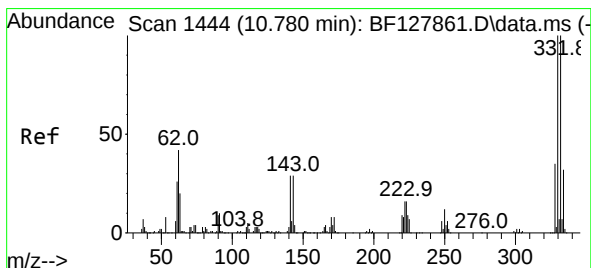
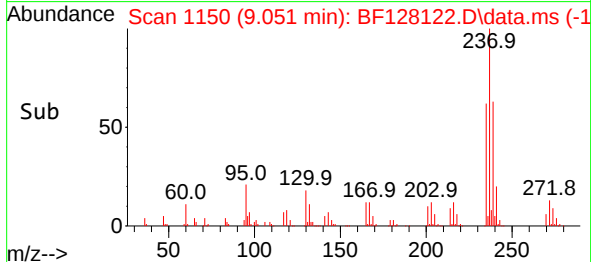
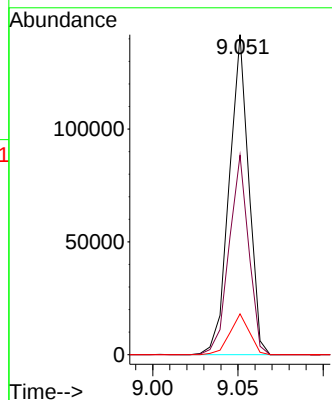
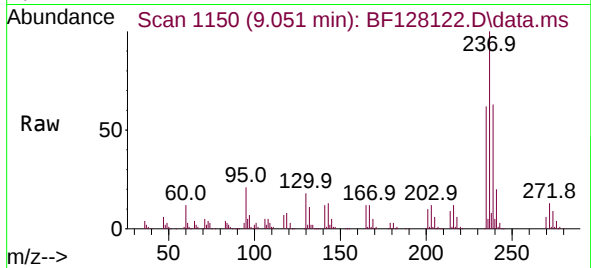




#41  
Hexachlorocyclopentadiene  
Concen: 34.269 ng  
RT: 9.051 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

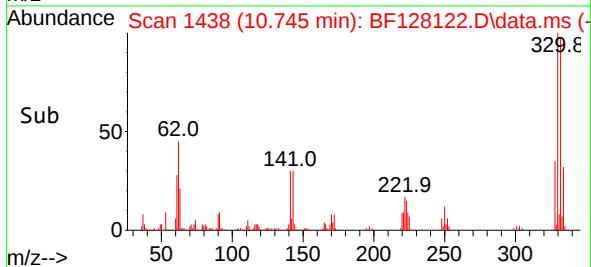
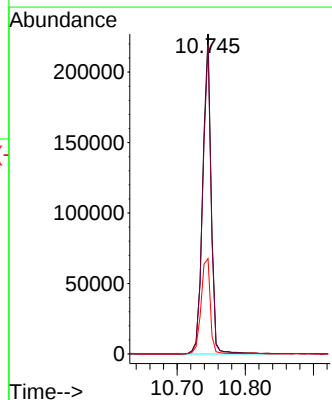
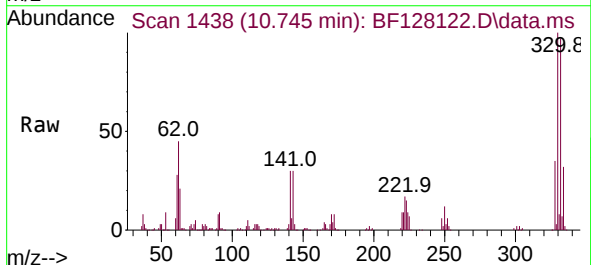
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

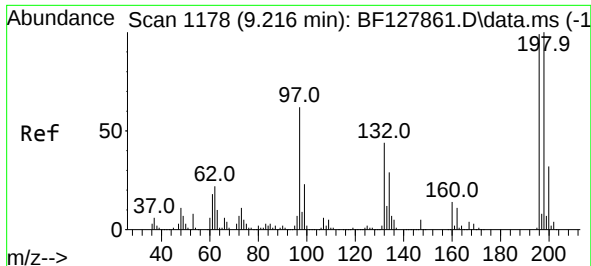
Tgt Ion:237 Resp: 112568  
Ion Ratio Lower Upper  
237 100  
235 62.3 43.6 83.6  
272 12.7 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 93.611 ng  
RT: 10.745 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:330 Resp: 193836  
Ion Ratio Lower Upper  
330 100  
332 96.7 79.0 118.4  
141 32.9 28.9 43.3

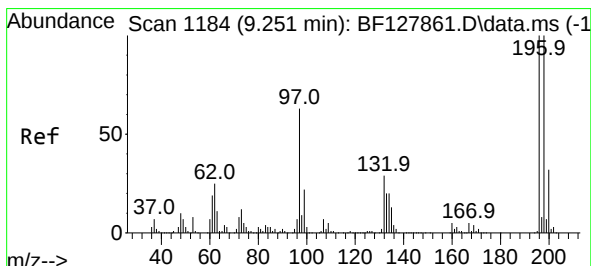
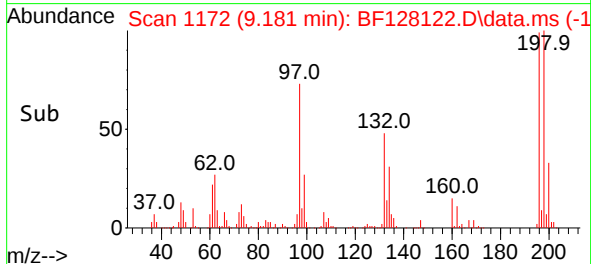
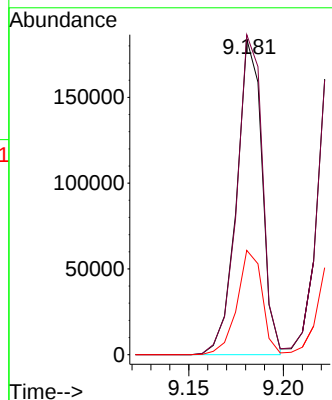
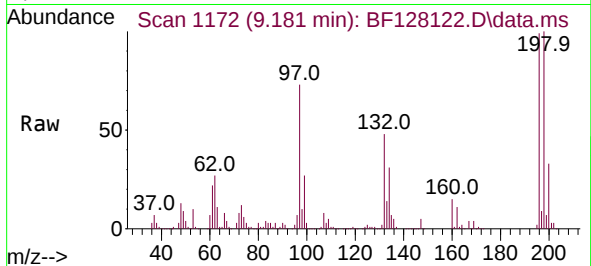




#43  
2,4,6-Trichlorophenol  
Concen: 42.986 ng  
RT: 9.181 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

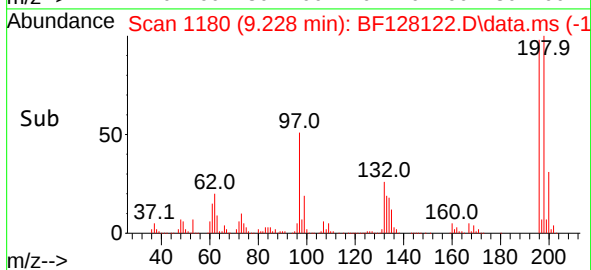
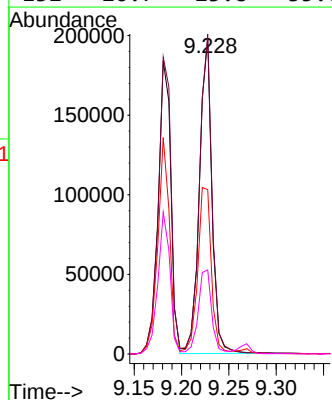
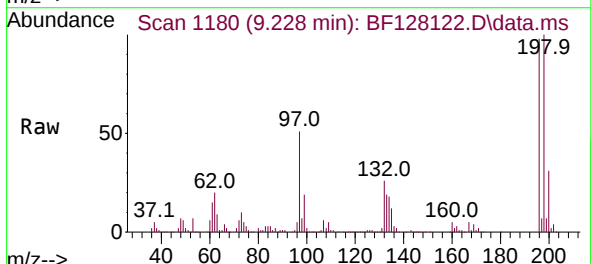
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

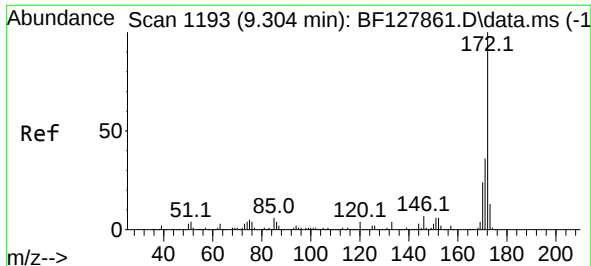
Tgt Ion:196 Resp: 171484  
Ion Ratio Lower Upper  
196 100  
198 101.4 80.4 120.6  
200 33.1 25.9 38.9



#44  
2,4,5-Trichlorophenol  
Concen: 42.242 ng  
RT: 9.228 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:196 Resp: 183192  
Ion Ratio Lower Upper  
196 100  
198 101.7 80.2 120.2  
97 52.2 50.3 75.5  
132 26.7 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 91.654 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

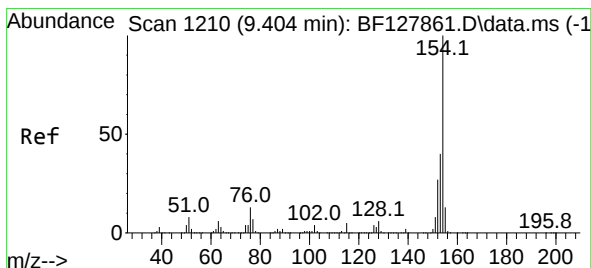
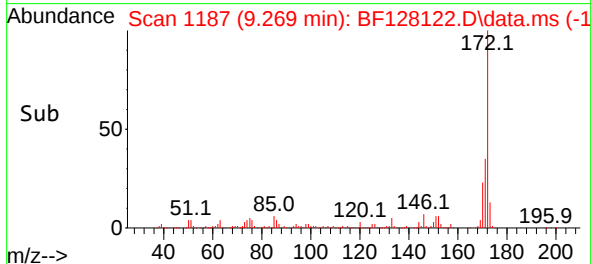
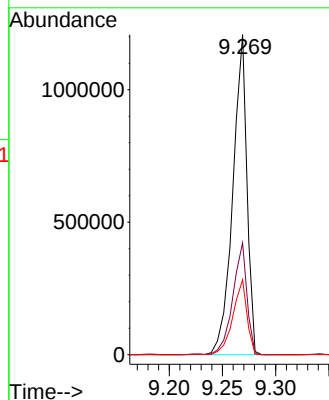
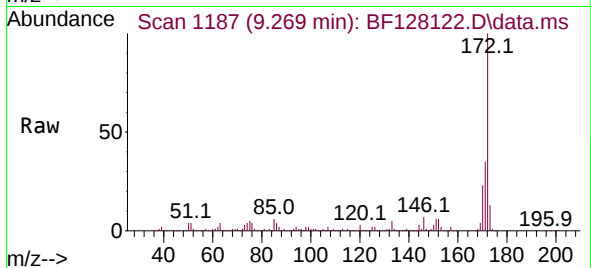
Tgt Ion:172 Resp: 1114383

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.846 ng

RT: 9.369 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

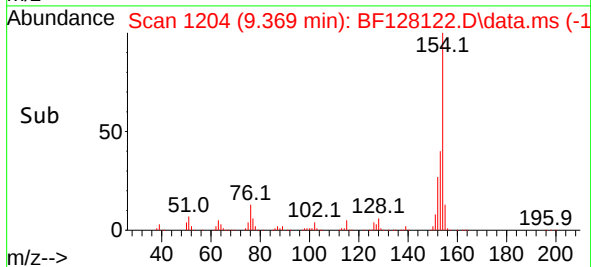
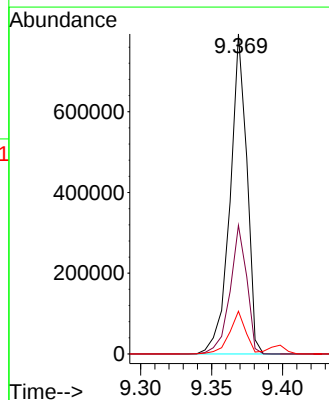
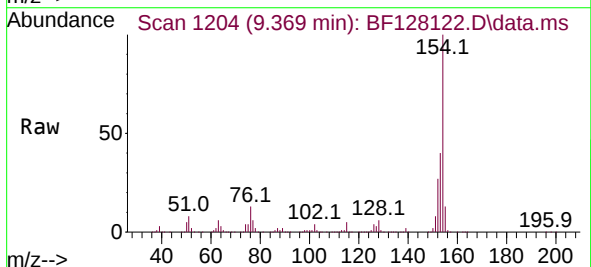
Tgt Ion:154 Resp: 652829

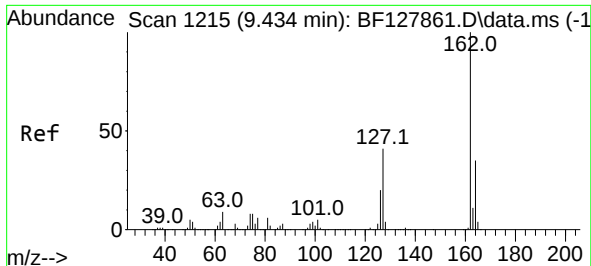
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 13.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.175 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

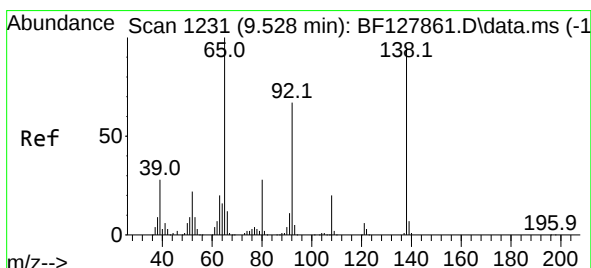
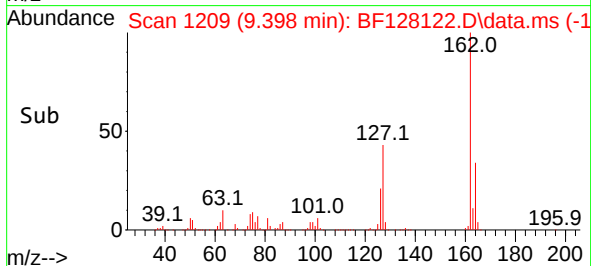
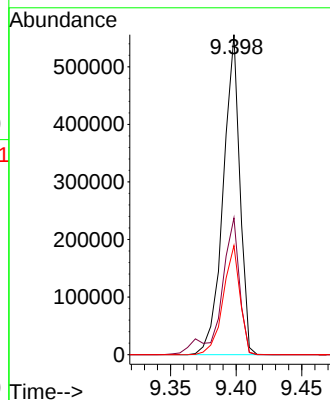
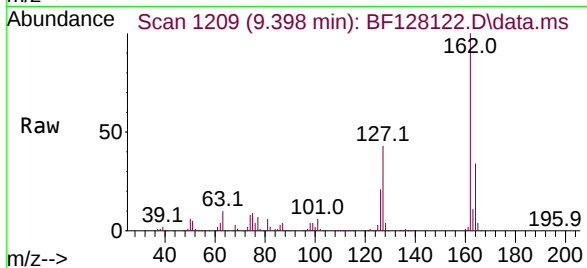
Tgt Ion:162 Resp: 489195

Ion Ratio Lower Upper

162 100

127 42.7 32.9 49.3

164 34.1 28.2 42.2



#48

2-Nitroaniline

Concen: 45.321 ng

RT: 9.498 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

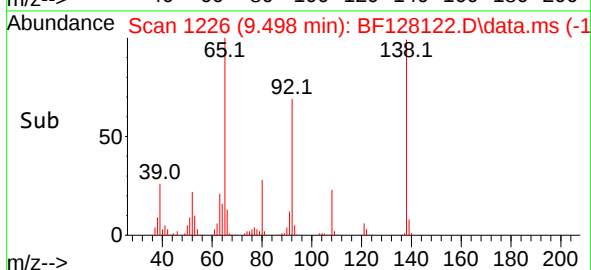
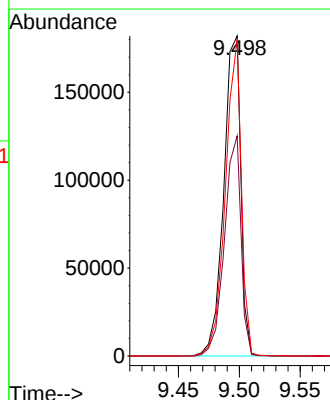
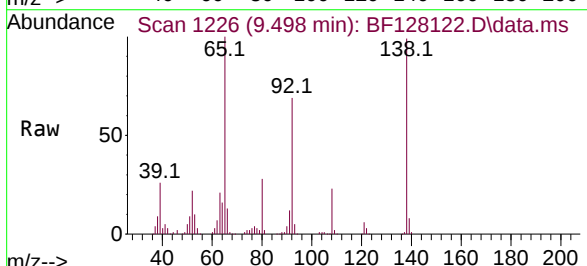
Tgt Ion: 65 Resp: 177822

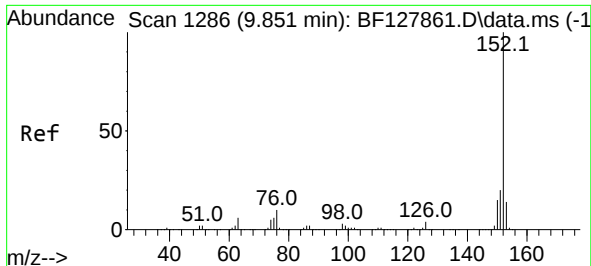
Ion Ratio Lower Upper

65 100

92 68.7 53.7 80.5

138 98.9 76.4 114.6





#49

Acenaphthylene

Concen: 42.153 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

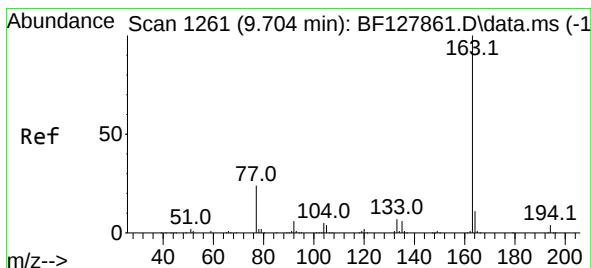
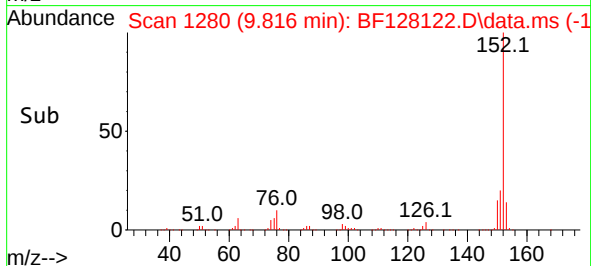
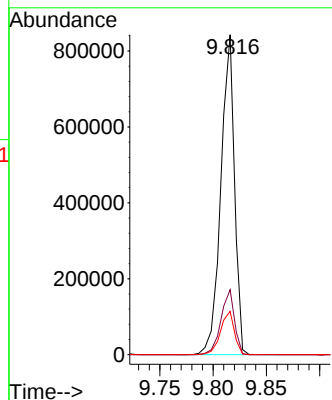
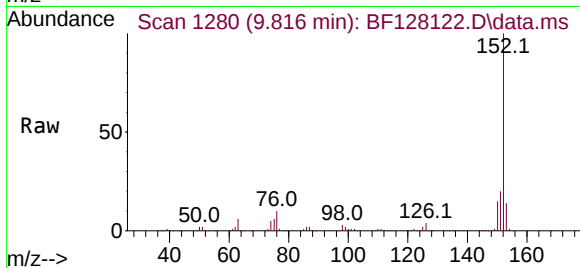
Tgt Ion:152 Resp: 747919

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.6 11.2 16.8



#50

Dimethylphthalate

Concen: 42.251 ng

RT: 9.669 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

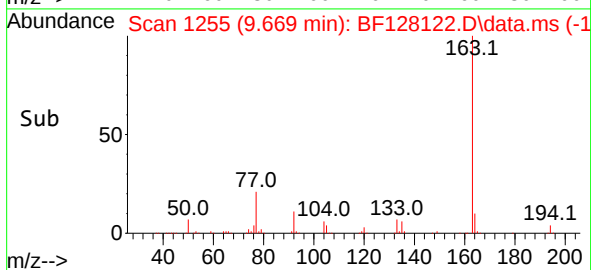
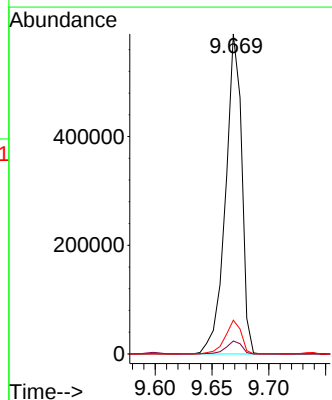
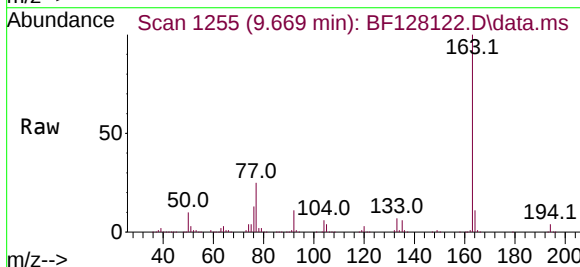
Tgt Ion:163 Resp: 582852

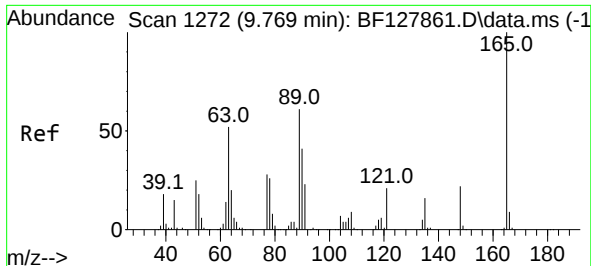
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.5 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 42.970 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

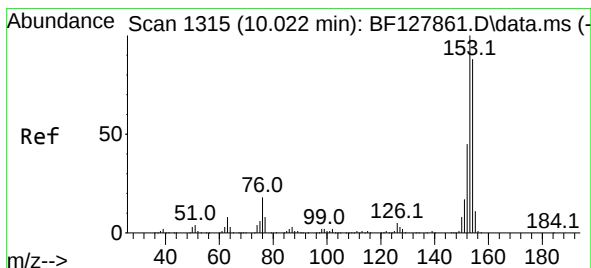
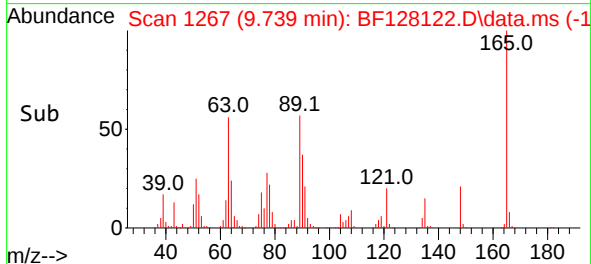
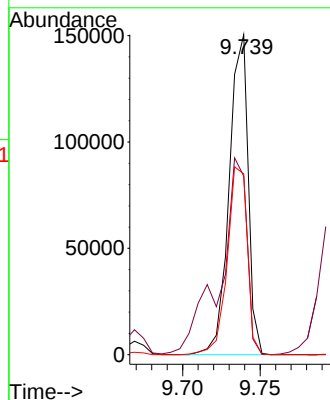
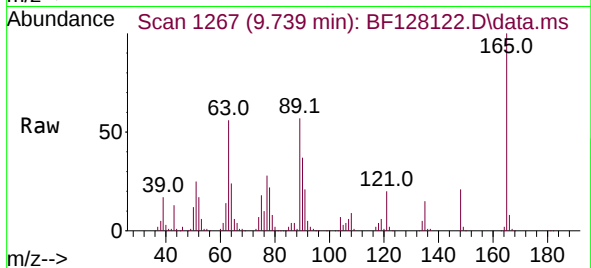
Tgt Ion:165 Resp: 128341

Ion Ratio Lower Upper

165 100

63 55.8 49.5 74.3

89 56.5 49.0 73.4



#52

Acenaphthene

Concen: 38.756 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

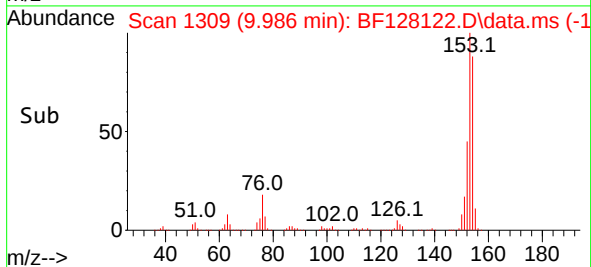
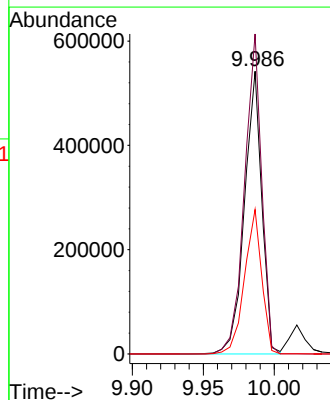
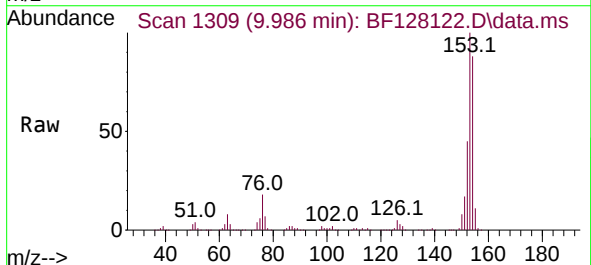
Tgt Ion:154 Resp: 462296

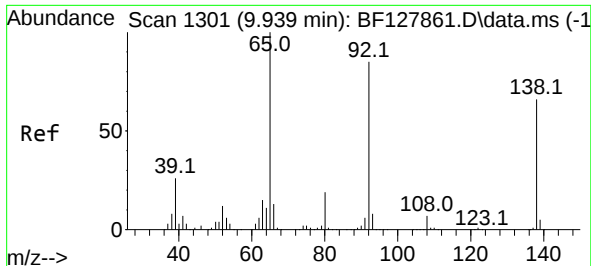
Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

152 51.1 41.0 61.6

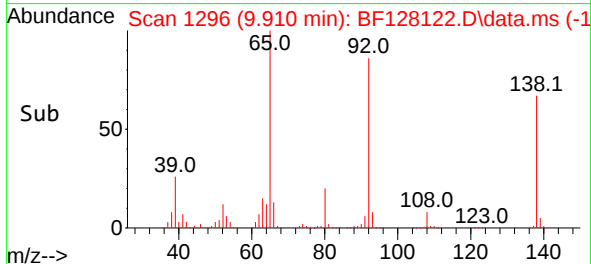
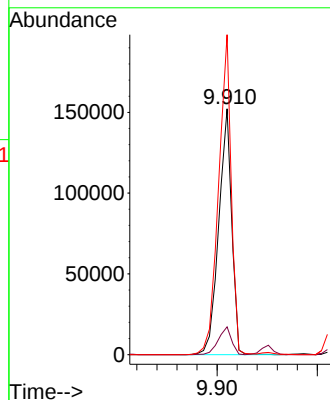
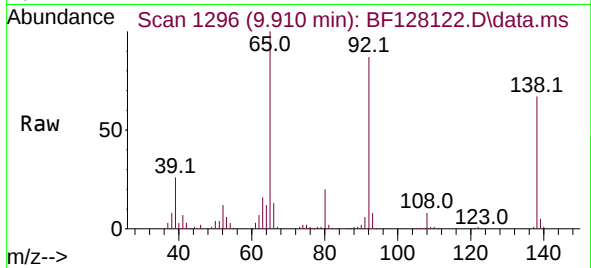




#53  
3-Nitroaniline  
Concen: 41.220 ng  
RT: 9.910 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

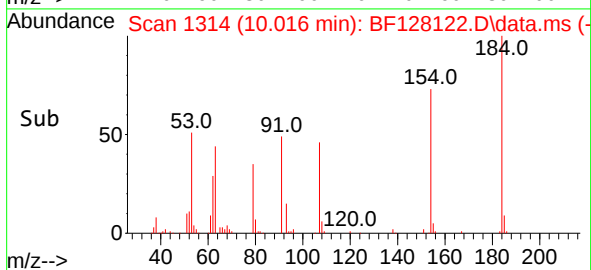
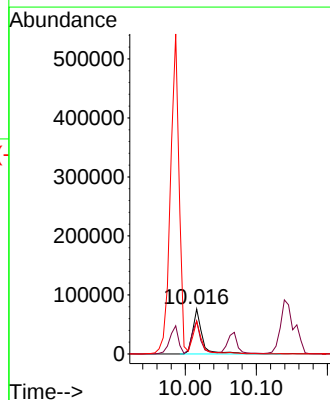
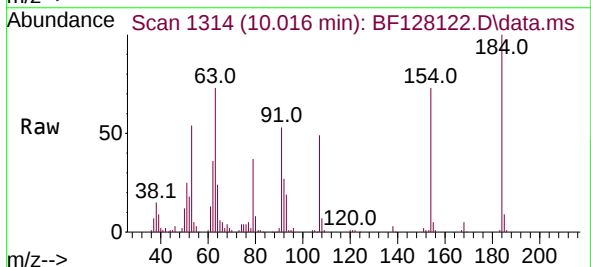
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

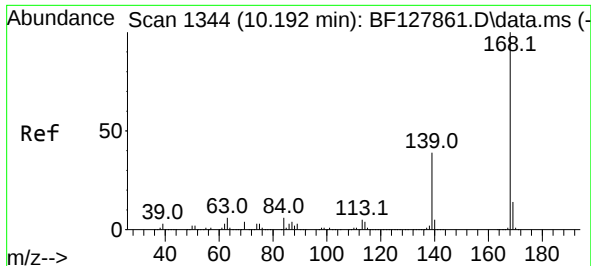
Tgt Ion:138 Resp: 136714  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.2 12.4  
92 130.2 102.7 154.1



#54  
2,4-Dinitrophenol  
Concen: 44.822 ng  
RT: 10.016 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:184 Resp: 70503  
Ion Ratio Lower Upper  
184 100  
63 73.4 50.0 75.0  
154 73.0 51.7 77.5

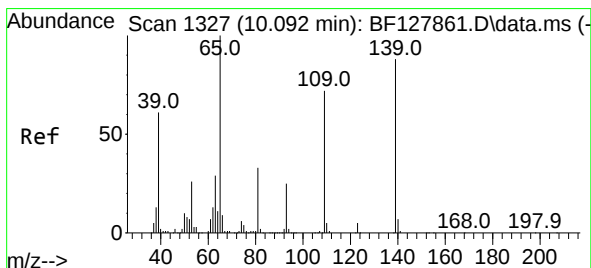
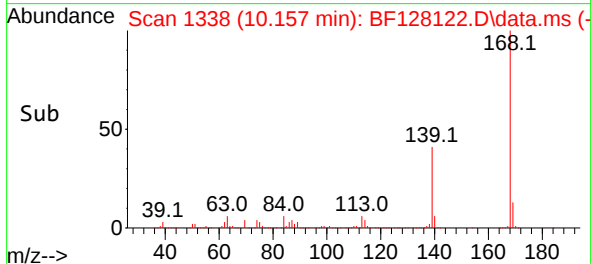
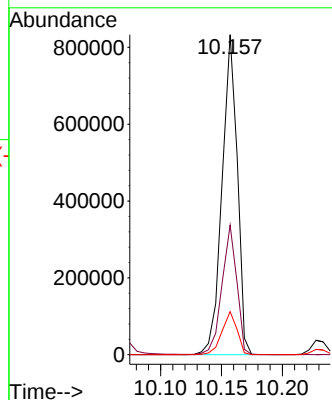
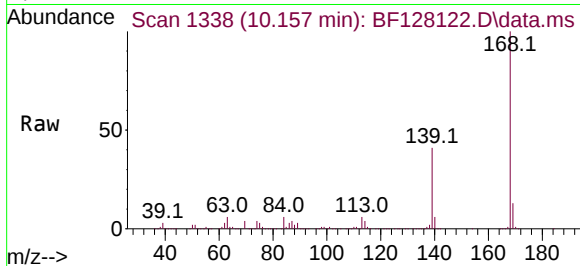




#55  
Dibenzofuran  
Concen: 42.197 ng  
RT: 10.157 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

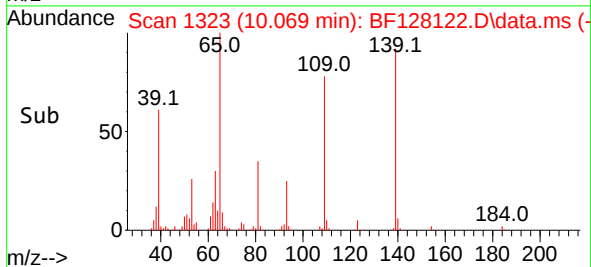
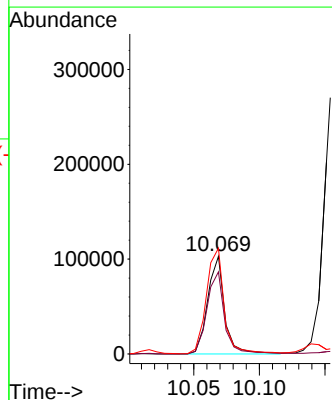
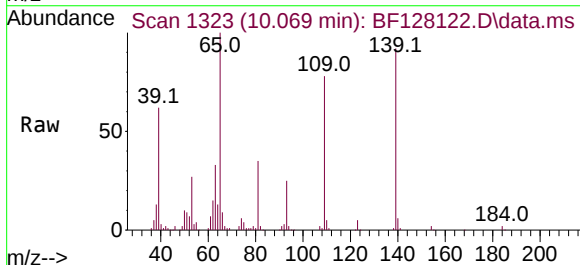
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

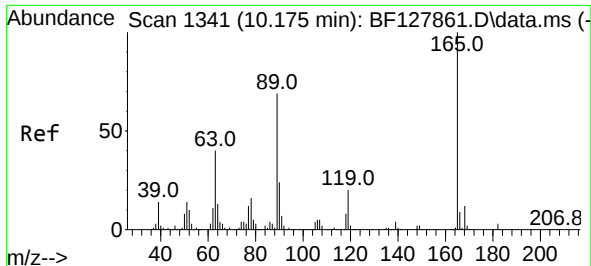
Tgt Ion:168 Resp: 726209  
Ion Ratio Lower Upper  
168 100  
139 40.5 31.7 47.5  
169 13.4 10.9 16.3



#56  
4-Nitrophenol  
Concen: 36.547 ng  
RT: 10.069 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:139 Resp: 92559  
Ion Ratio Lower Upper  
139 100  
109 84.1 61.9 101.9  
65 108.4 93.5 133.5

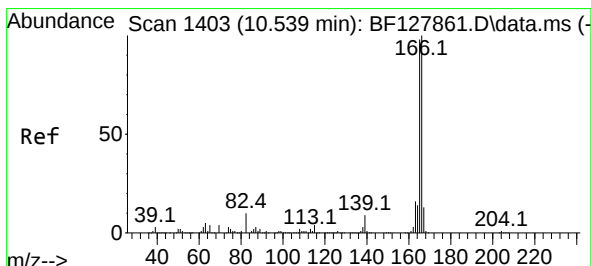
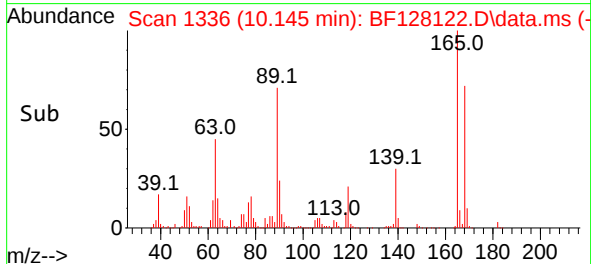
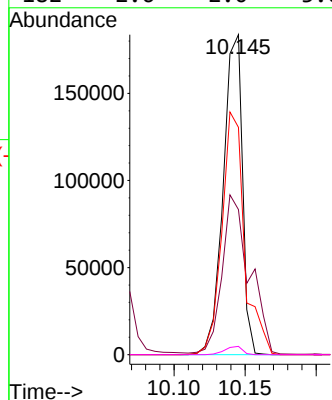
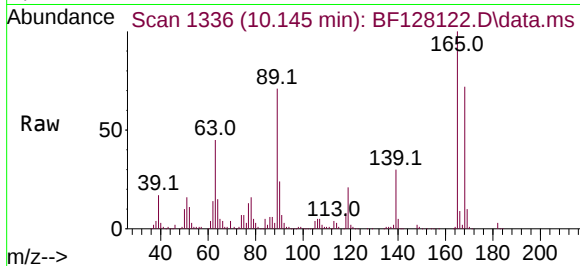




#57  
2,4-Dinitrotoluene  
Concen: 43.562 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

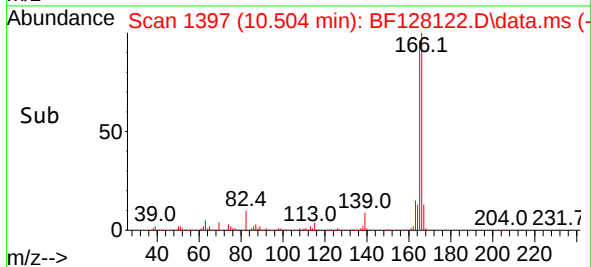
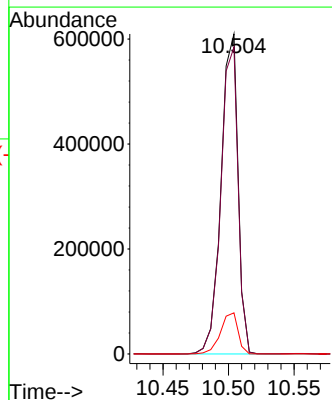
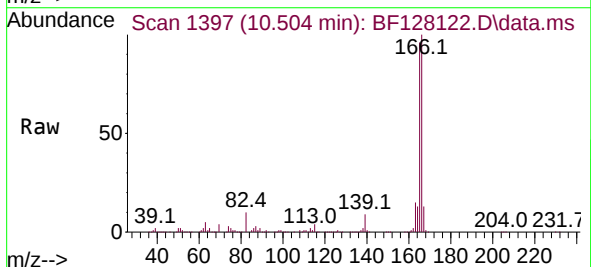
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 172343  
Ion Ratio Lower Upper  
165 100  
63 45.3 32.6 49.0  
89 71.0 55.2 82.8  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 42.707 ng  
RT: 10.504 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:166 Resp: 548447  
Ion Ratio Lower Upper  
166 100  
165 95.9 78.6 117.8  
167 12.8 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.039 ng

RT: 10.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 156953

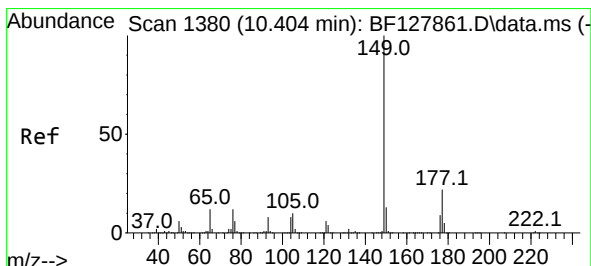
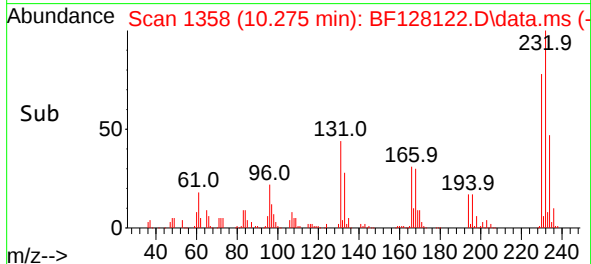
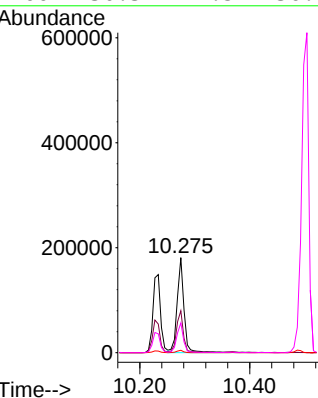
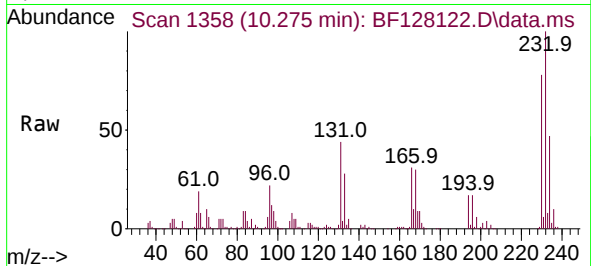
Ion Ratio Lower Upper

232 100

131 43.6 35.4 53.2

130 2.4 1.9 2.9

166 30.3 24.5 36.7



#60

Diethylphthalate

Concen: 41.735 ng

RT: 10.369 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

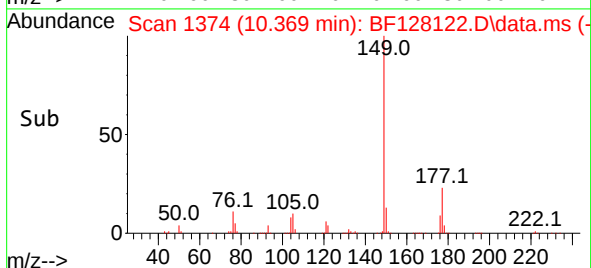
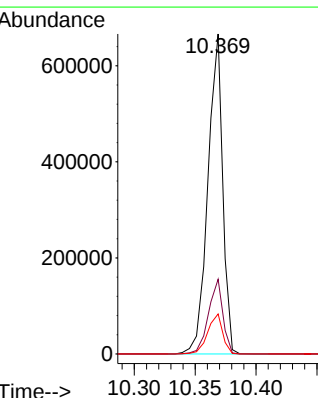
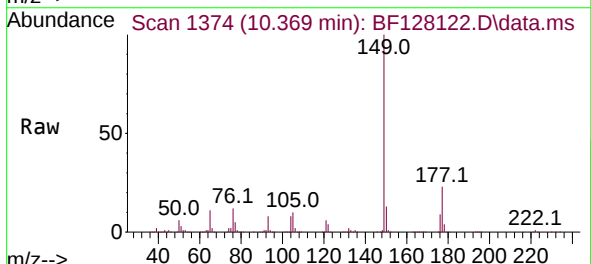
Tgt Ion:149 Resp: 564555

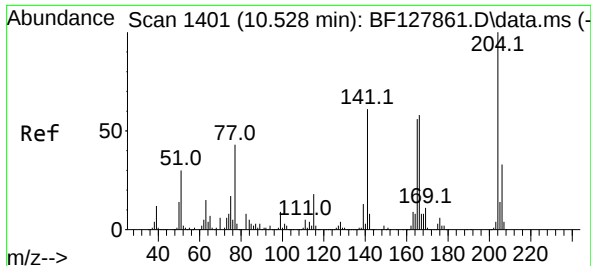
Ion Ratio Lower Upper

149 100

177 23.4 17.8 26.8

150 12.5 10.2 15.2

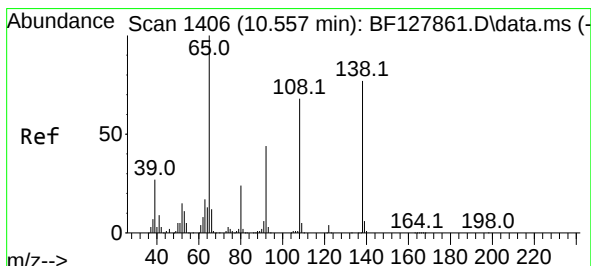
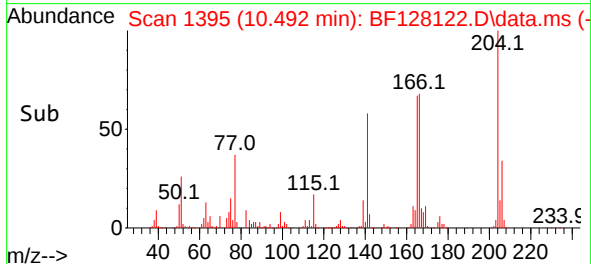
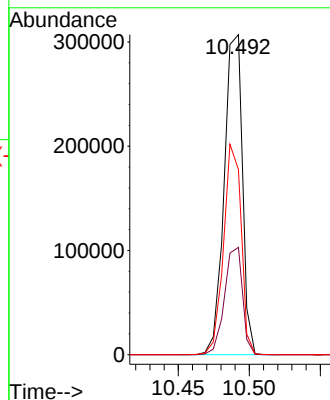
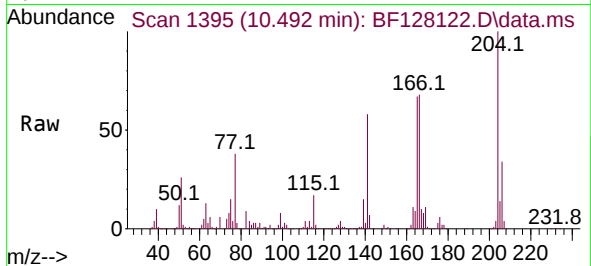




#61  
4-Chlorophenyl-phenylether  
Concen: 42.934 ng  
RT: 10.492 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

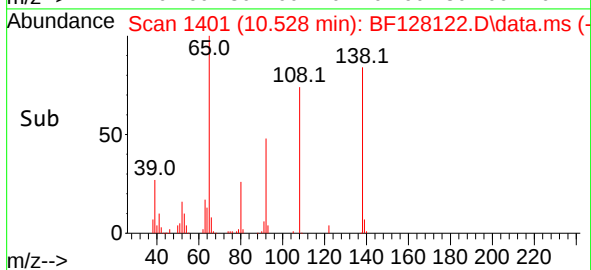
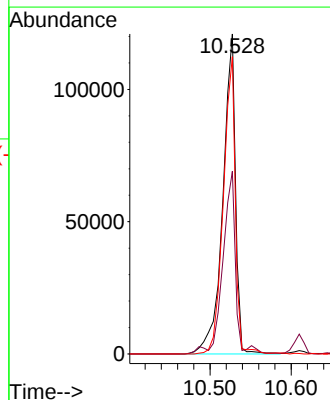
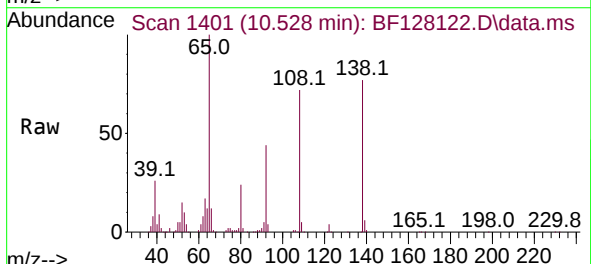
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

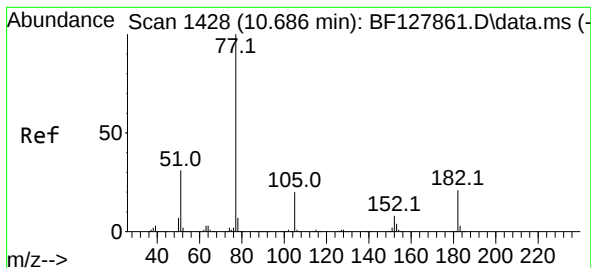
Tgt Ion:204 Resp: 273984  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.5 39.7  
141 57.8 48.7 73.1



#62  
4-Nitroaniline  
Concen: 40.683 ng  
RT: 10.528 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:138 Resp: 131914  
Ion Ratio Lower Upper  
138 100  
92 57.1 37.4 77.4  
108 92.9 68.4 108.4





#63

Azobenzene

Concen: 41.835 ng

RT: 10.651 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 622705

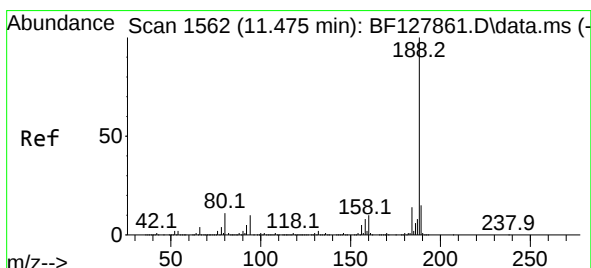
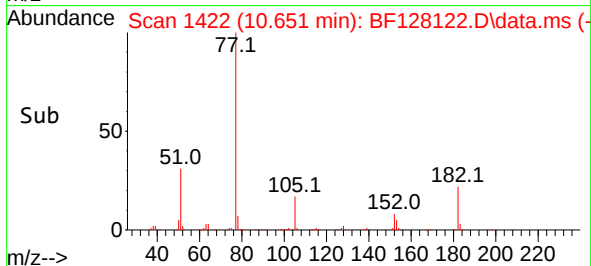
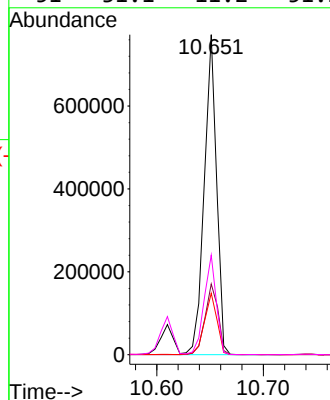
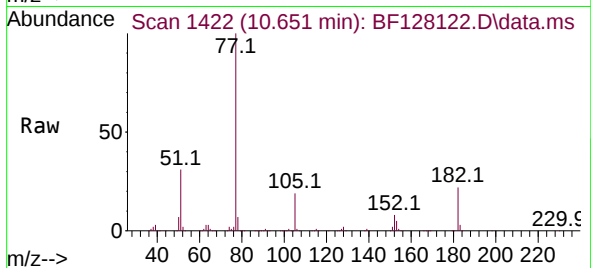
Ion Ratio Lower Upper

77 100

182 22.1 1.2 41.2

105 19.2 0.0 39.8

51 31.1 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

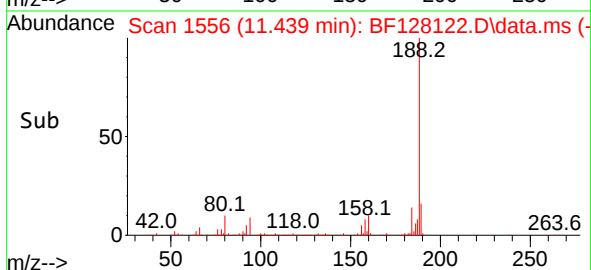
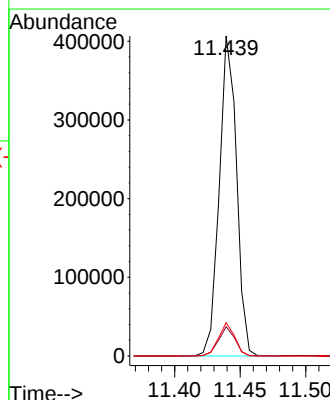
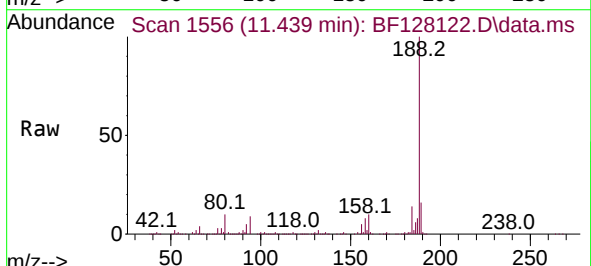
Tgt Ion:188 Resp: 371101

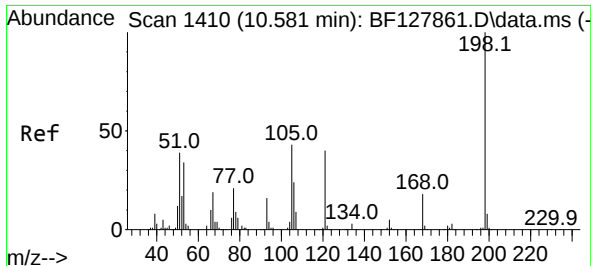
Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 10.4 8.9 13.3

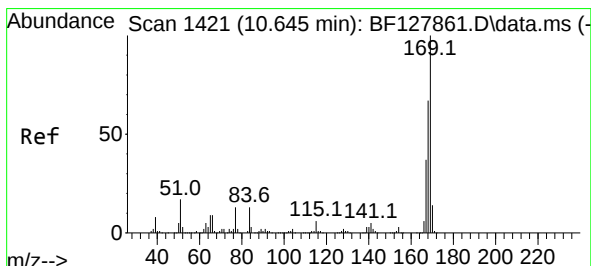
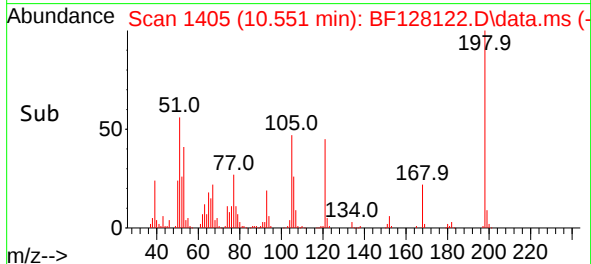
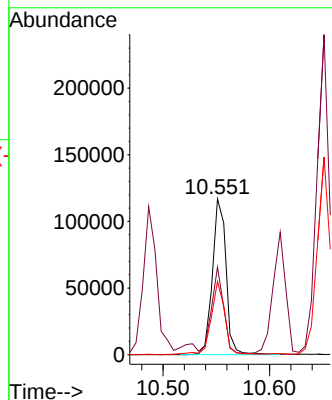
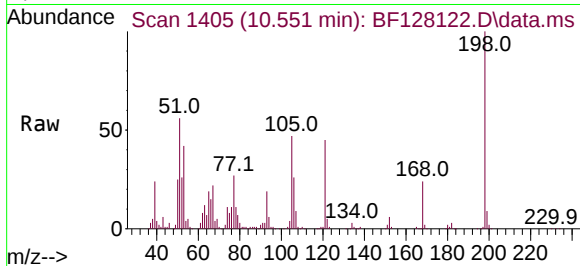




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.357 ng  
RT: 10.551 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

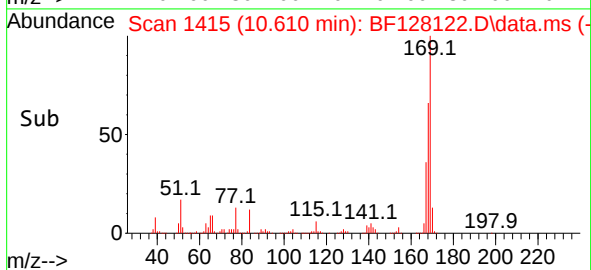
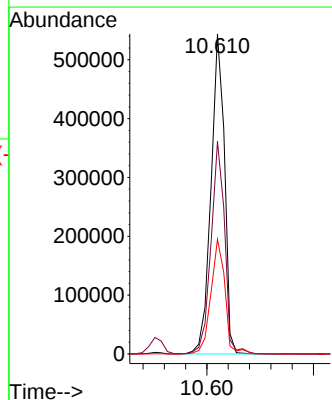
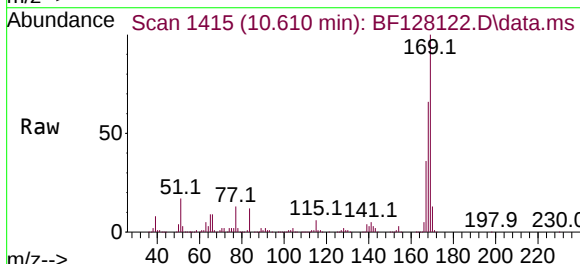
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

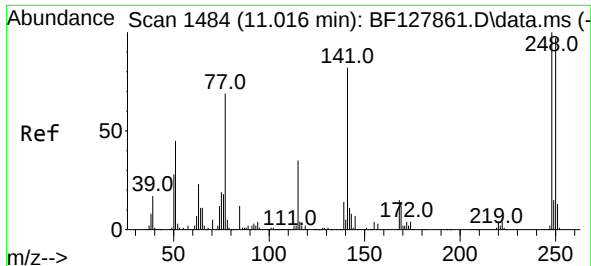
Tgt Ion:198 Resp: 104424  
Ion Ratio Lower Upper  
198 100  
51 56.1 28.4 68.4  
105 46.9 23.4 63.4



#66  
n-Nitrosodiphenylamine  
Concen: 41.525 ng  
RT: 10.610 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:169 Resp: 479497  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.8 80.6  
167 35.8 29.5 44.3

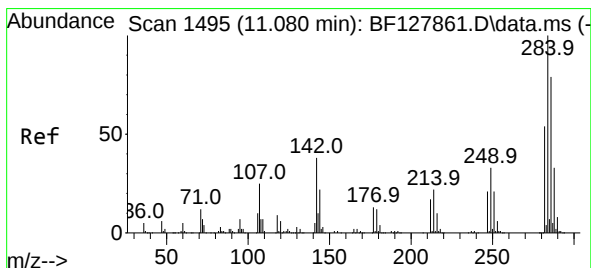
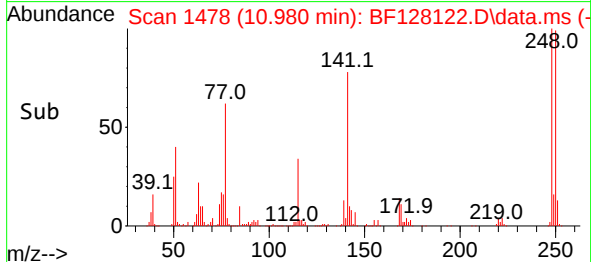
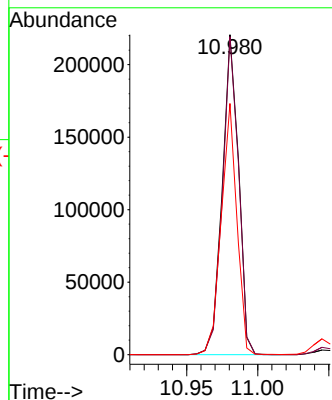
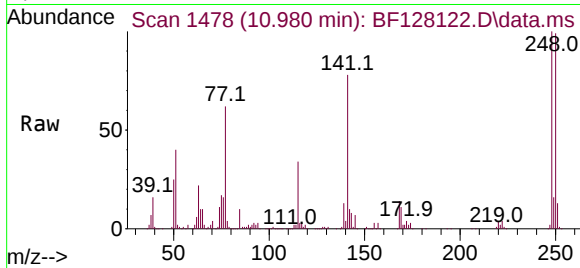




#67  
4-Bromophenyl-phenylether  
Concen: 42.652 ng  
RT: 10.980 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

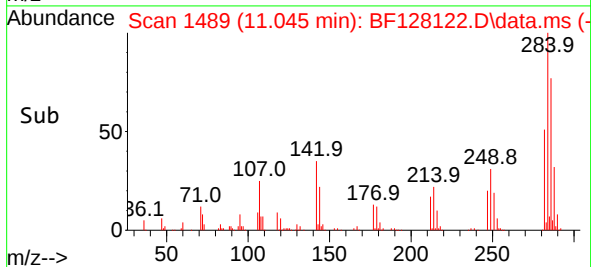
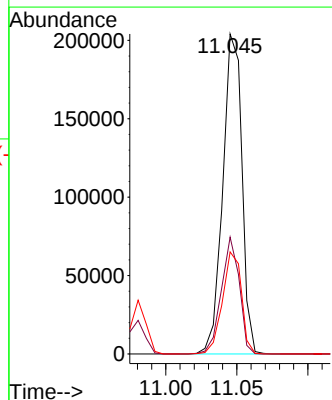
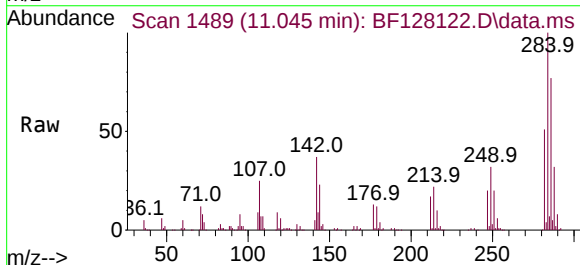
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

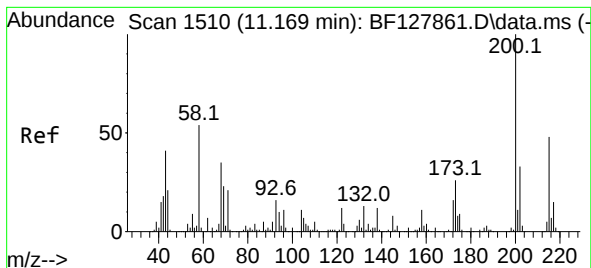
Tgt Ion:248 Resp: 175463  
Ion Ratio Lower Upper  
248 100  
250 99.4 77.7 116.5  
141 78.5 65.6 98.4



#68  
Hexachlorobenzene  
Concen: 44.075 ng  
RT: 11.045 min Scan# 1489  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:284 Resp: 191034  
Ion Ratio Lower Upper  
284 100  
142 36.5 30.2 45.4  
249 31.9 26.1 39.1





#69

Atrazine

Concen: 39.833 ng

RT: 11.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

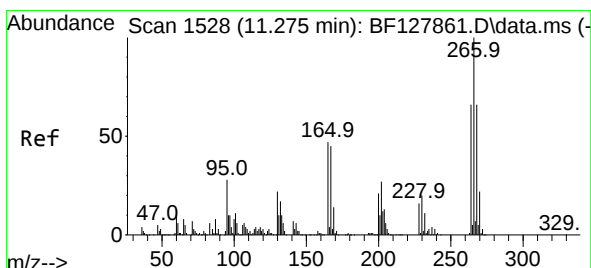
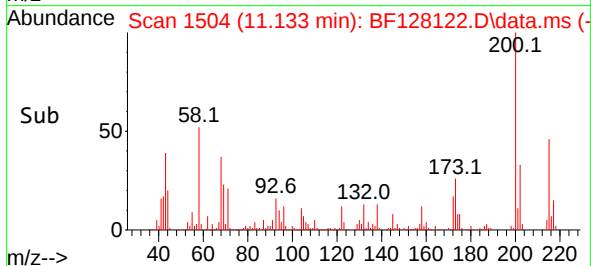
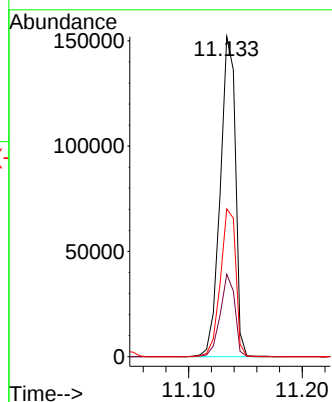
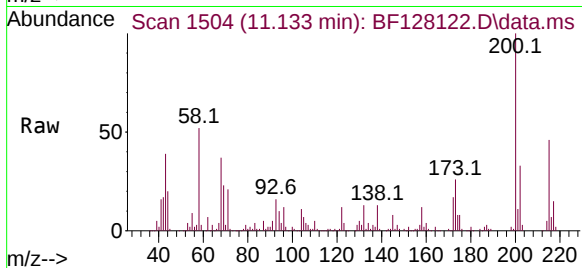
Tgt Ion:200 Resp: 142229

Ion Ratio Lower Upper

200 100

173 25.8 6.0 46.0

215 46.2 28.1 68.1



#70

Pentachlorophenol

Concen: 36.034 ng

RT: 11.245 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

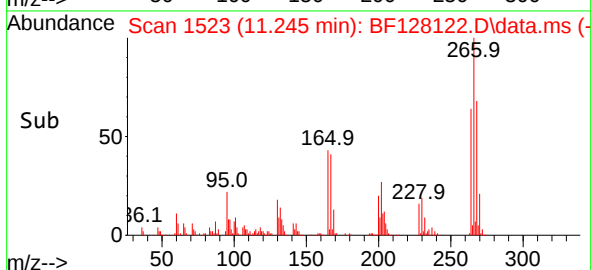
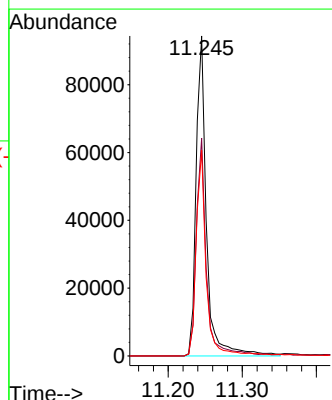
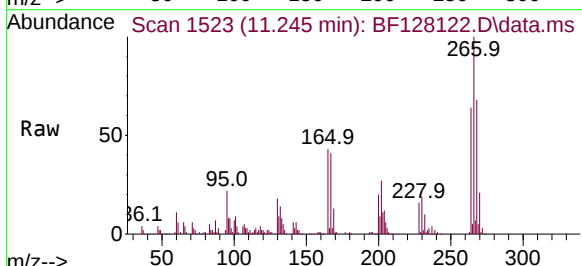
Tgt Ion:266 Resp: 91883

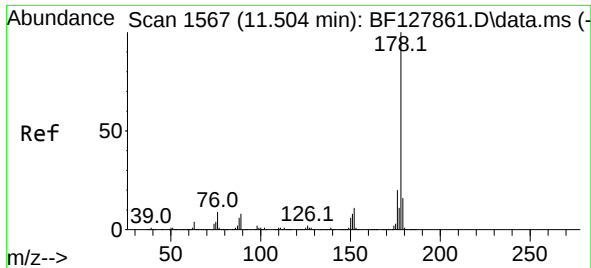
Ion Ratio Lower Upper

266 100

268 68.1 53.0 79.6

264 64.3 53.1 79.7

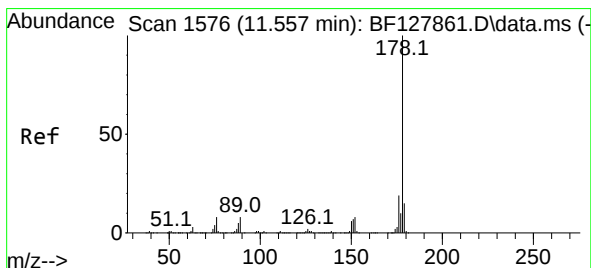
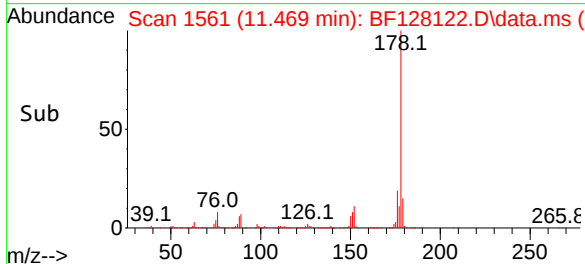
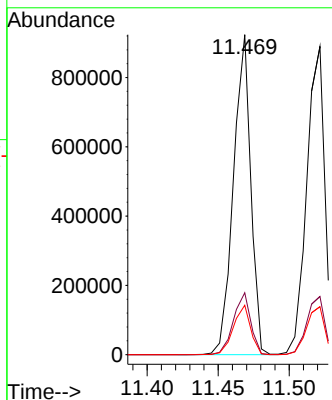
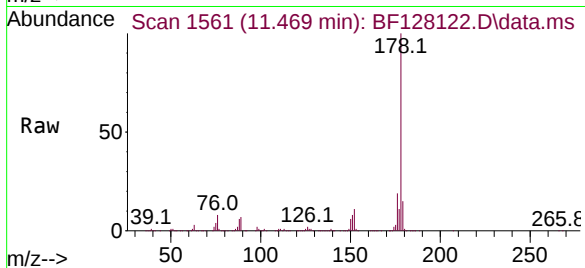




#71  
Phenanthrene  
Concen: 40.454 ng  
RT: 11.469 min Scan# 11570  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

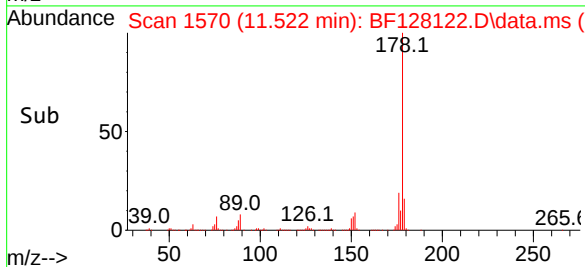
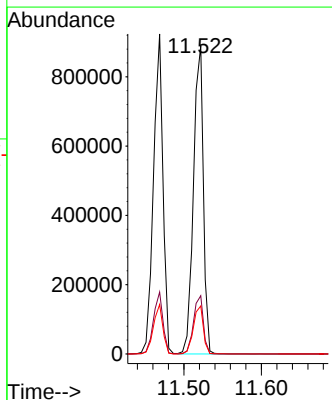
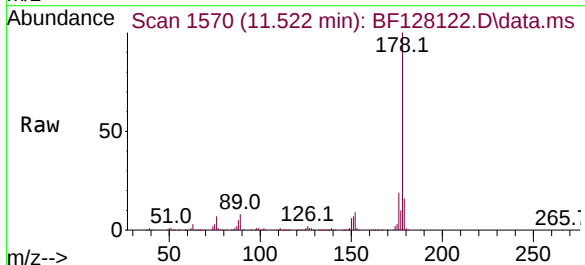
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

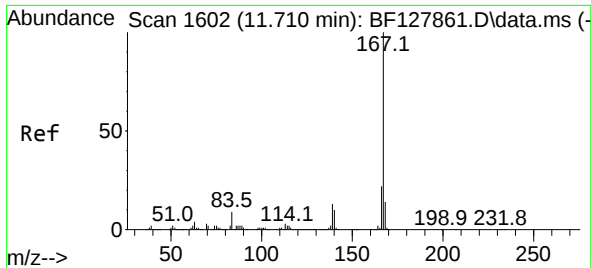
Tgt Ion:178 Resp: 785839  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.4 12.6 19.0



#72  
Anthracene  
Concen: 40.829 ng  
RT: 11.522 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:178 Resp: 790071  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.6  
179 15.6 12.4 18.6

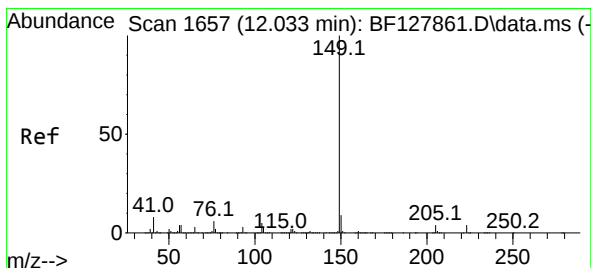
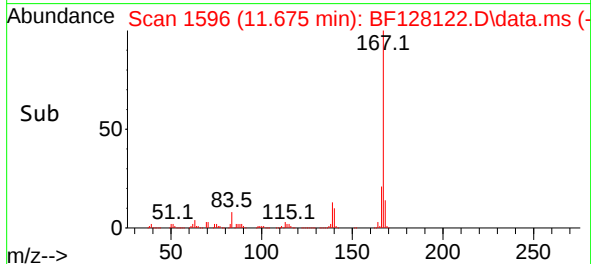
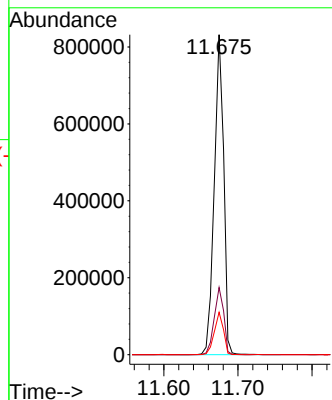
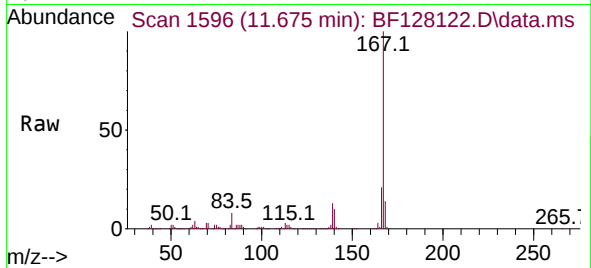




#73  
 Carbazole  
 Concen: 39.226 ng  
 RT: 11.675 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

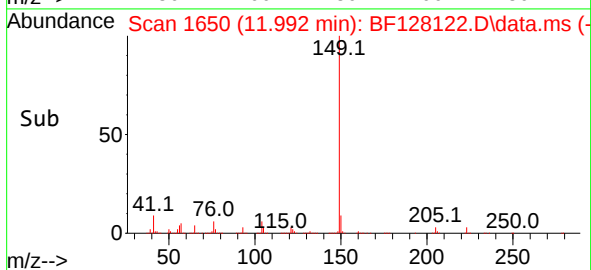
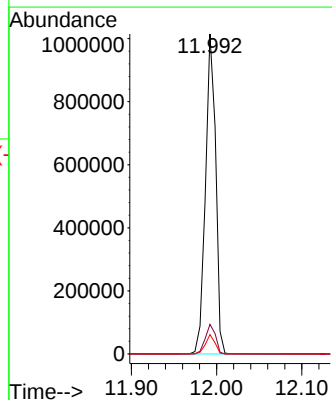
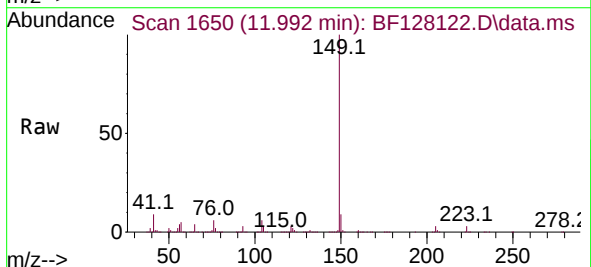
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SSTDCCC040

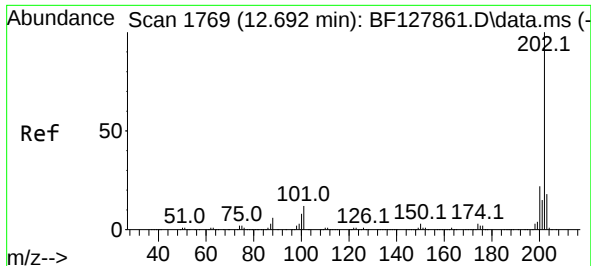
Tgt Ion:167 Resp: 731547  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.6 26.4  
 139 13.3 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 40.195 ng  
 RT: 11.992 min Scan# 1650  
 Delta R.T. -0.006 min  
 Lab File: BF128122.D  
 Acq: 06 May 2022 13:57

Tgt Ion:149 Resp: 842937  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 6.0 4.3 6.5

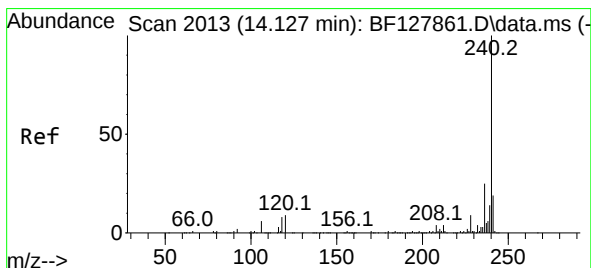
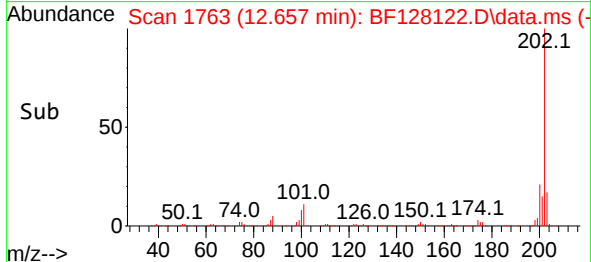
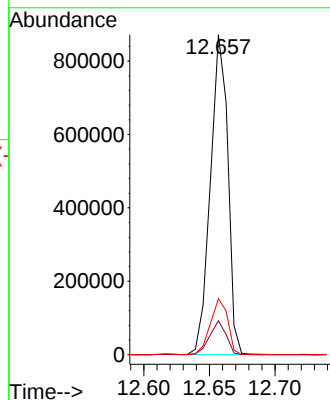
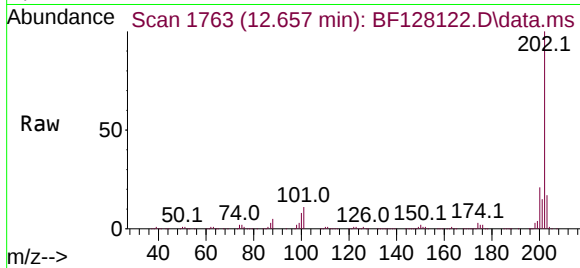




#75  
Fluoranthene  
Concen: 39.371 ng  
RT: 12.657 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

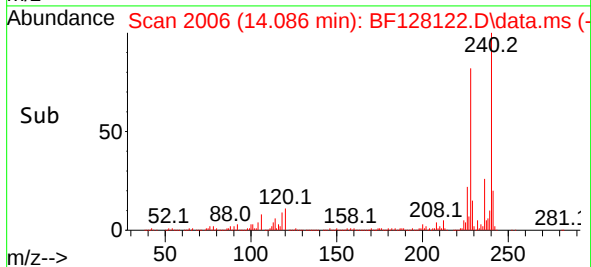
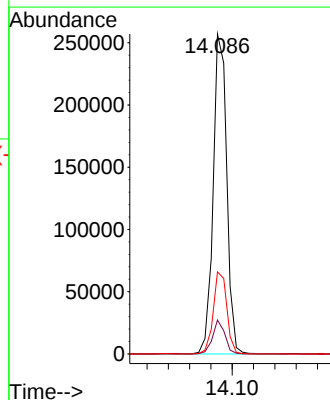
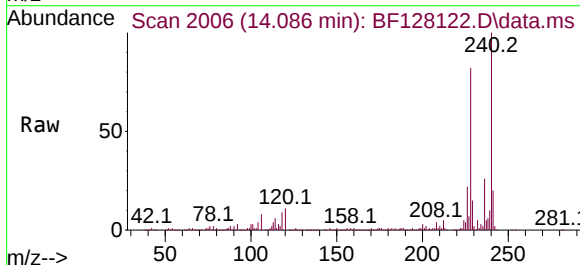
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

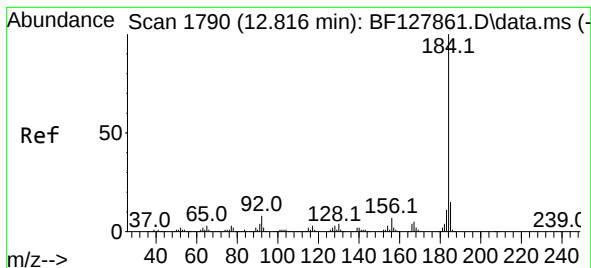
Tgt Ion:202 Resp: 804931  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.6  
203 17.5 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2006  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:240 Resp: 227262  
Ion Ratio Lower Upper  
240 100  
120 10.6 7.0 10.6#  
236 25.6 20.3 30.5





#77

Benzidine

Concen: 49.177 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

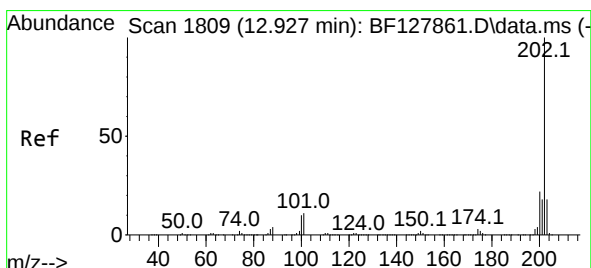
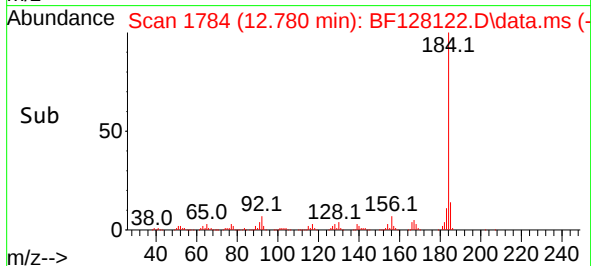
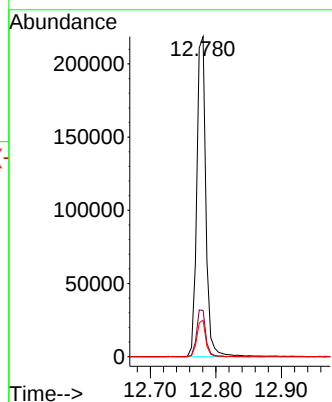
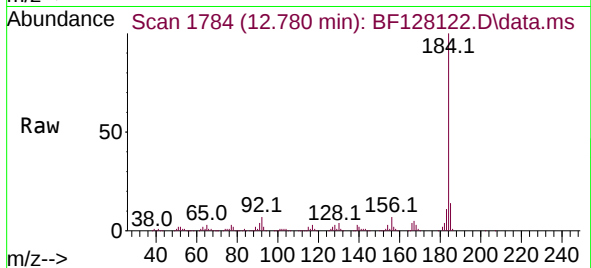
Tgt Ion:184 Resp: 211466

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

183 11.4 9.0 13.4



#78

Pyrene

Concen: 43.688 ng

RT: 12.892 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

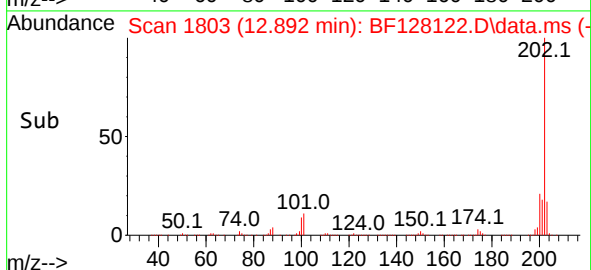
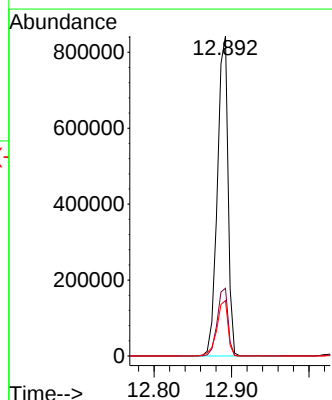
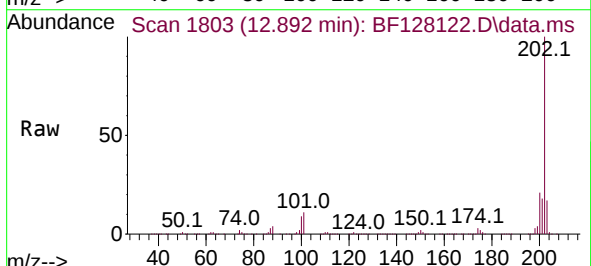
Tgt Ion:202 Resp: 801489

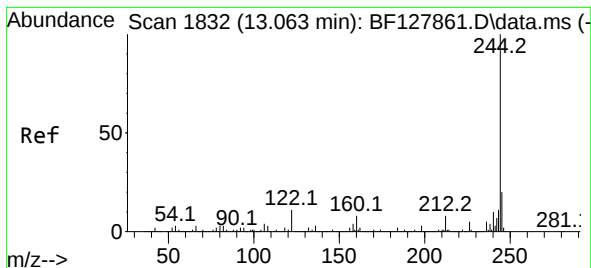
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 90.249 ng

RT: 13.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

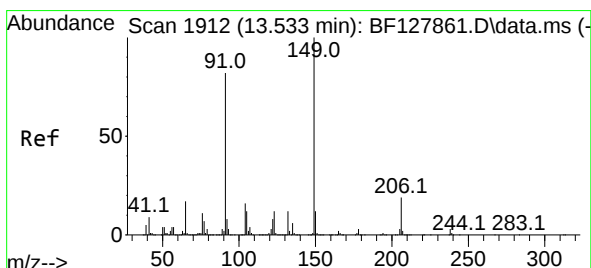
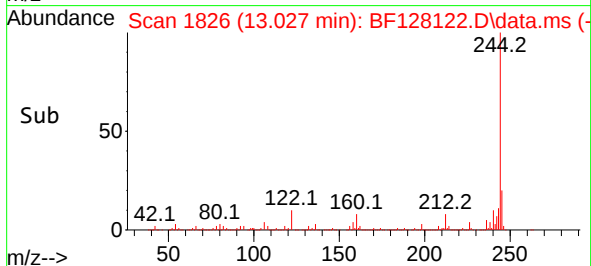
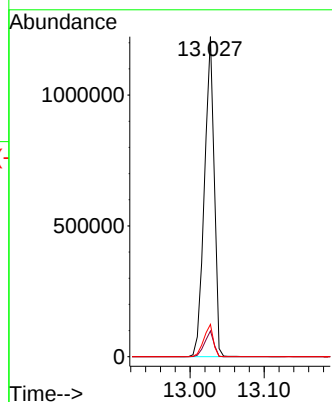
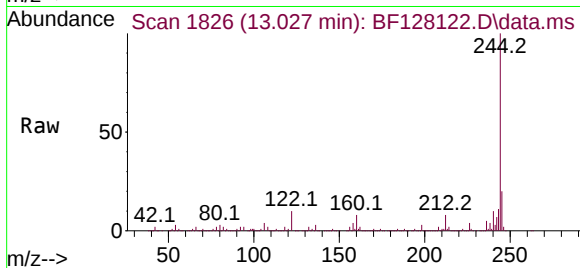
Tgt Ion:244 Resp: 1121661

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 10.1 8.6 12.8



#80

Butylbenzylphthalate

Concen: 44.435 ng

RT: 13.498 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

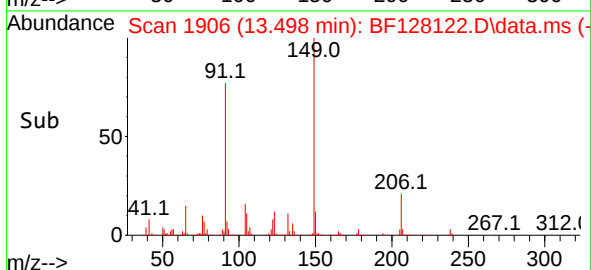
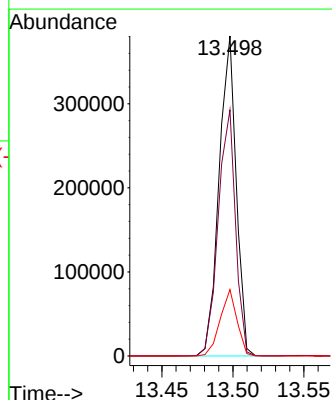
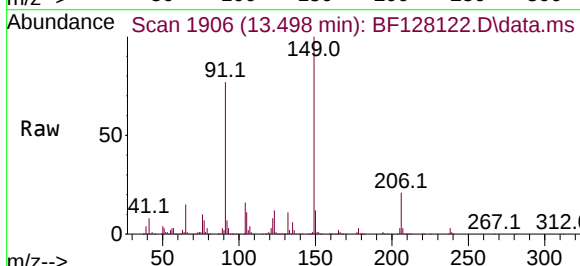
Tgt Ion:149 Resp: 319516

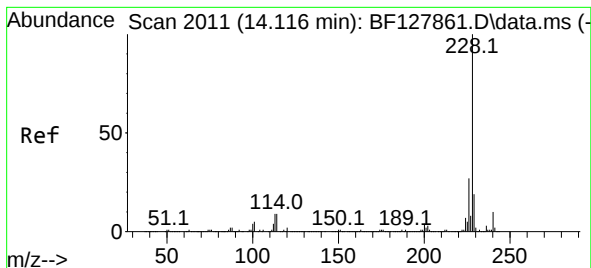
Ion Ratio Lower Upper

149 100

91 76.9 65.8 98.6

206 20.7 15.4 23.2





#81

Benzo(a)anthracene

Concen: 42.269 ng

RT: 14.074 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

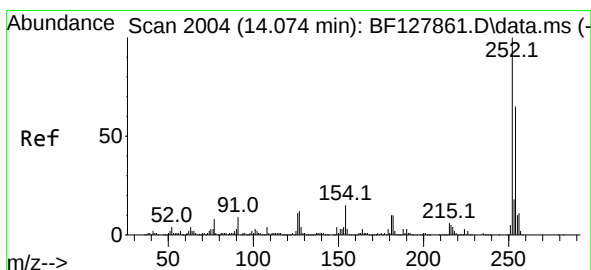
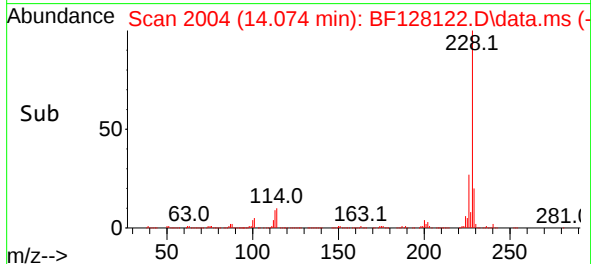
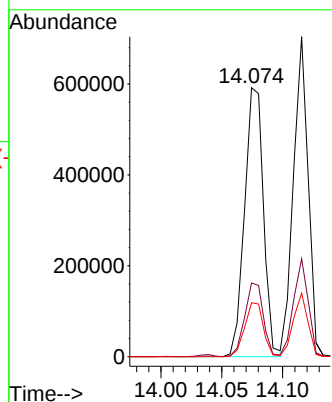
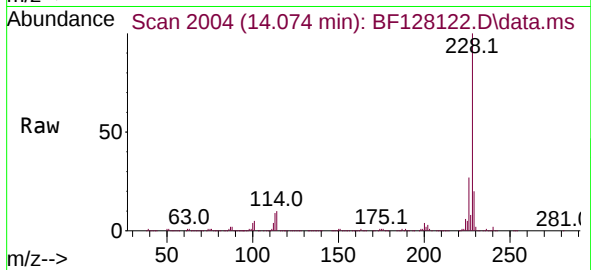
Tgt Ion:228 Resp: 640272

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 39.491 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

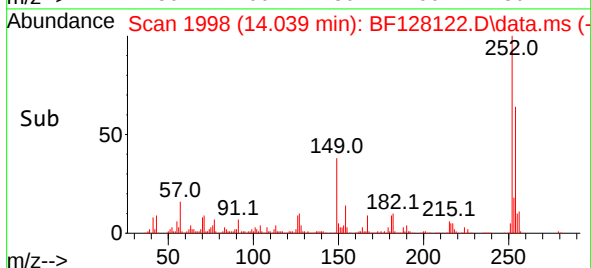
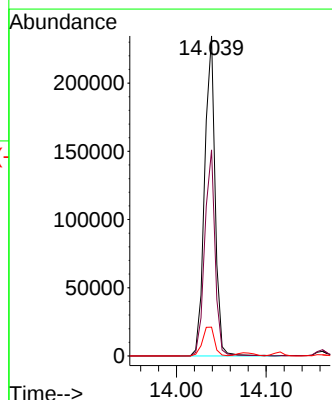
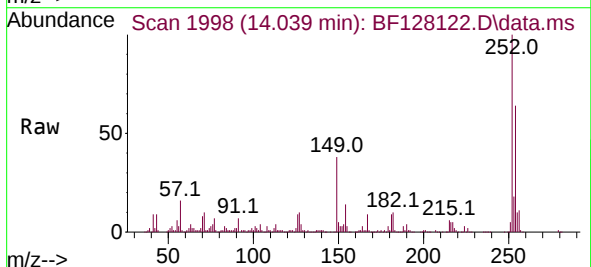
Tgt Ion:252 Resp: 189937

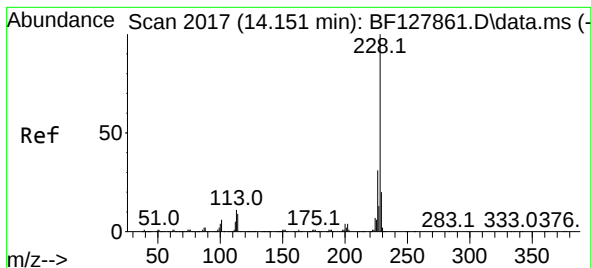
Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

126 9.0 8.8 13.2





#83

Chrysene

Concen: 40.885 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

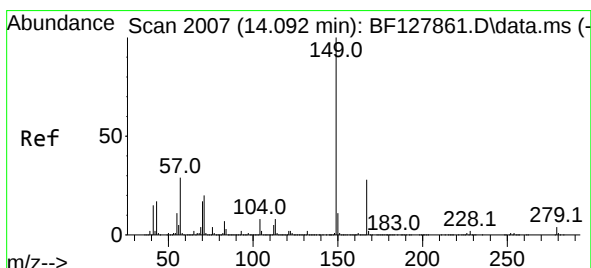
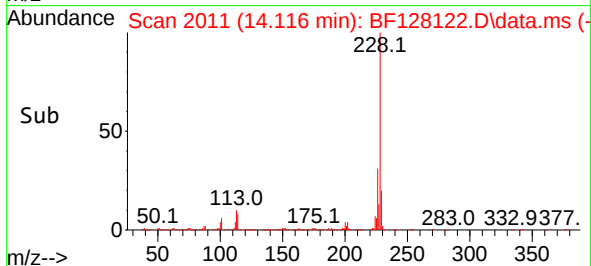
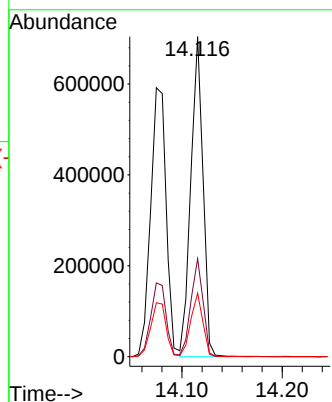
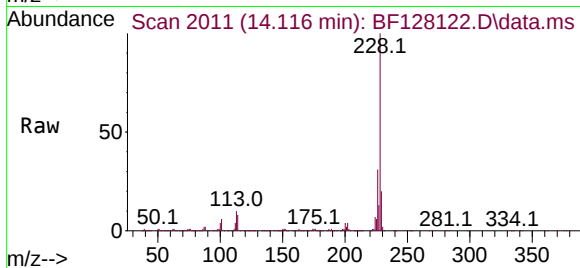
Tgt Ion:228 Resp: 591468

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.462 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

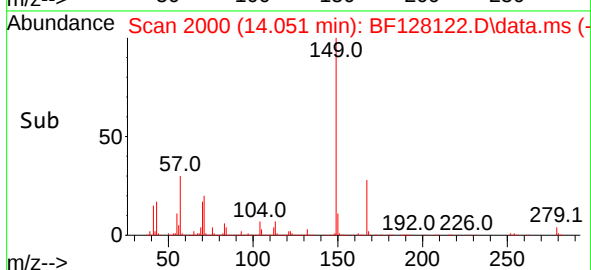
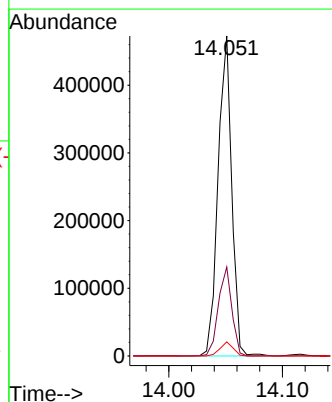
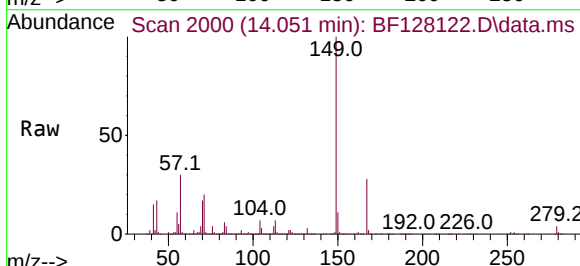
Tgt Ion:149 Resp: 395368

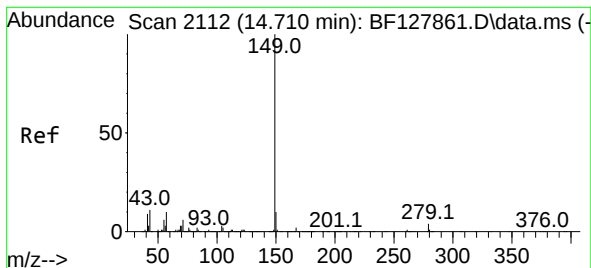
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.4 3.4 5.0

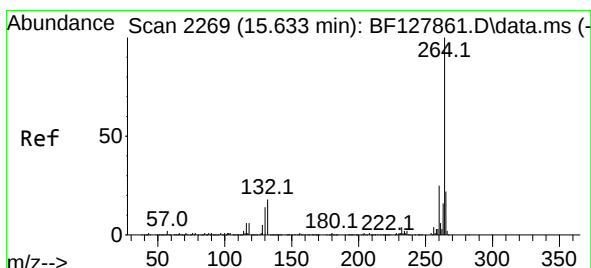
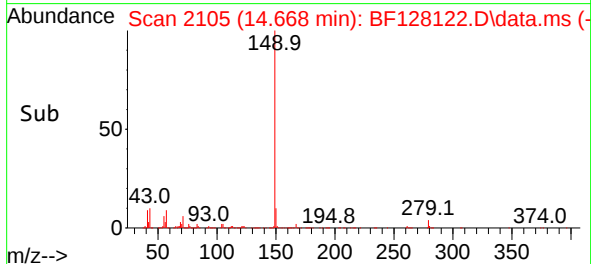
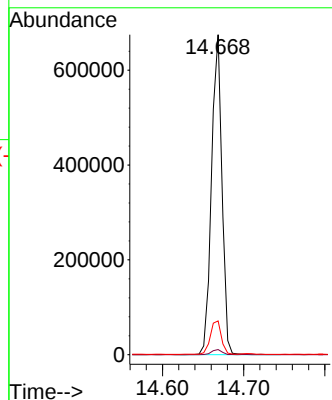
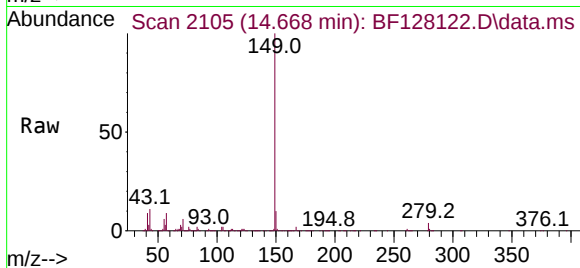




#85  
Di-n-octyl phthalate  
Concen: 40.500 ng  
RT: 14.668 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

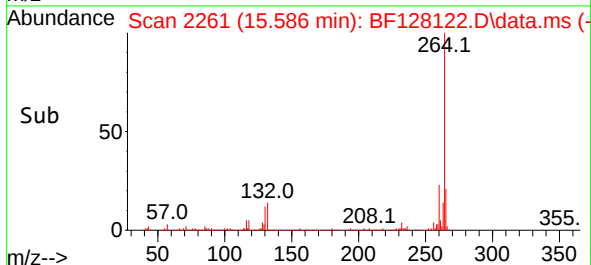
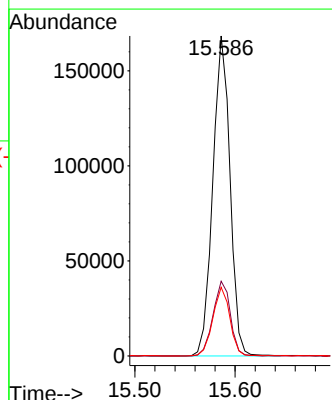
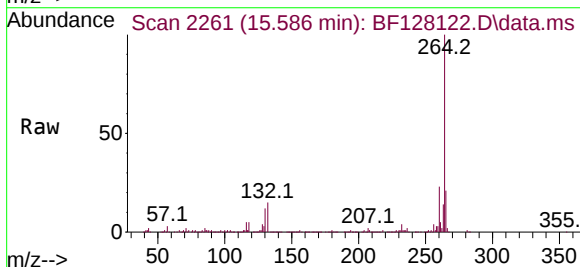
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

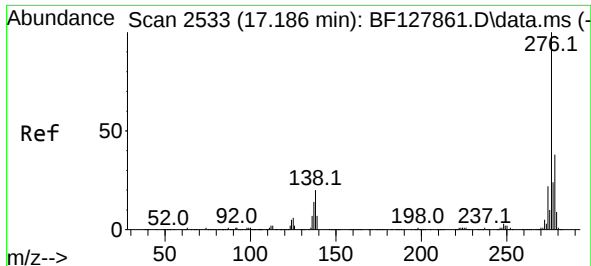
Tgt Ion:149 Resp: 598492  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.0 8.9 13.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.586 min Scan# 2261  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:264 Resp: 200435  
Ion Ratio Lower Upper  
264 100  
260 23.4 20.1 30.1  
265 21.5 17.5 26.3

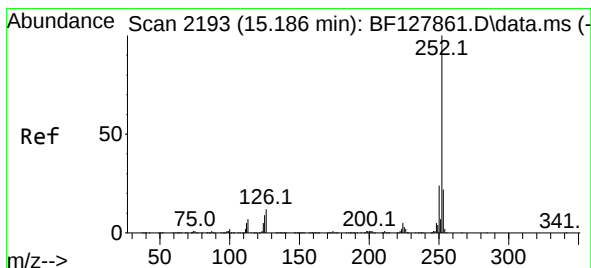
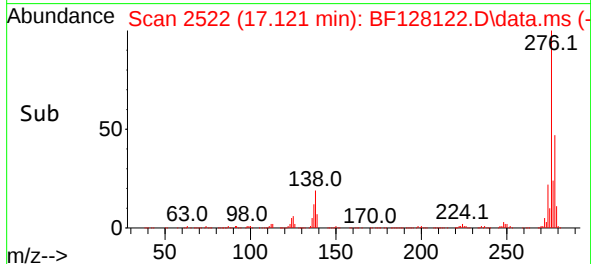
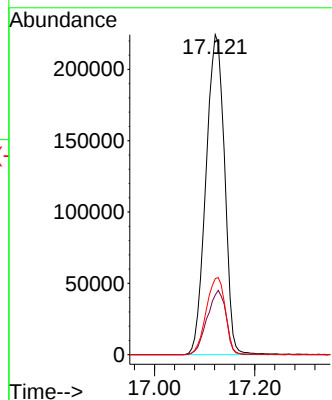
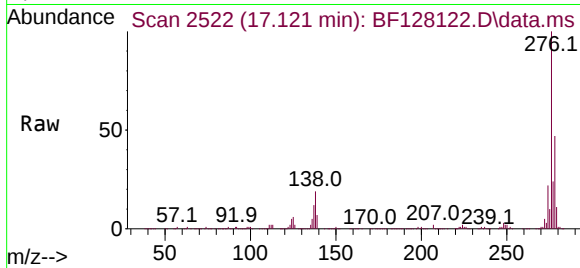




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.199 ng  
RT: 17.121 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

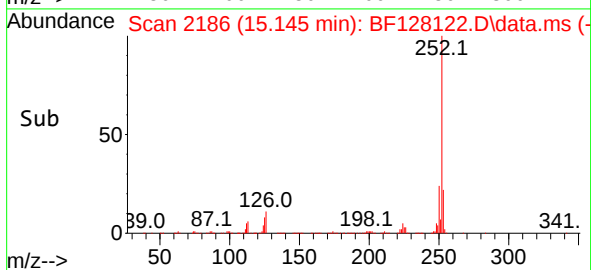
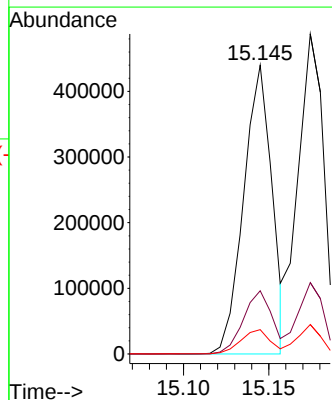
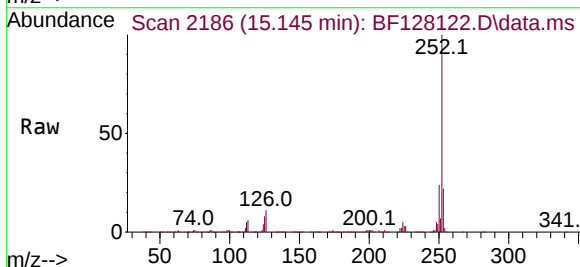
Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

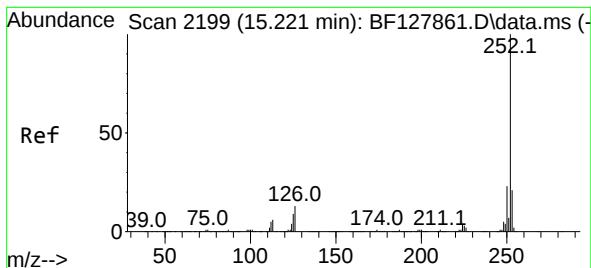
Tgt Ion:276 Resp: 577944  
Ion Ratio Lower Upper  
276 100  
138 20.4 19.0 28.4  
277 24.9 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 40.458 ng  
RT: 15.145 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:252 Resp: 509324  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.845 ng

RT: 15.174 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

Instrument :

MSVOA\_U

ClientSampleId :

SSTDCCC040

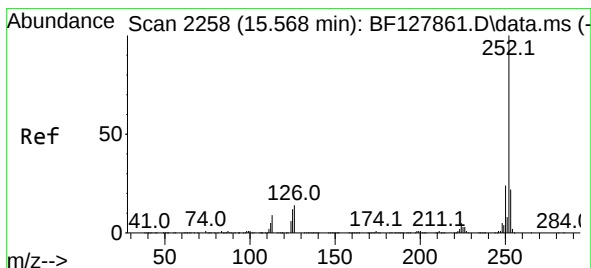
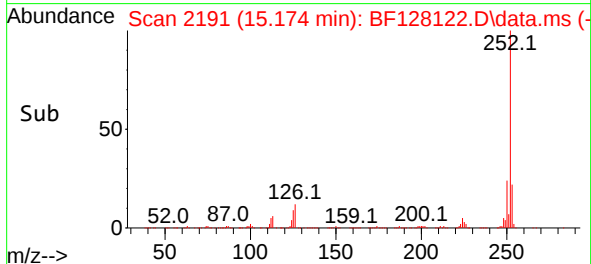
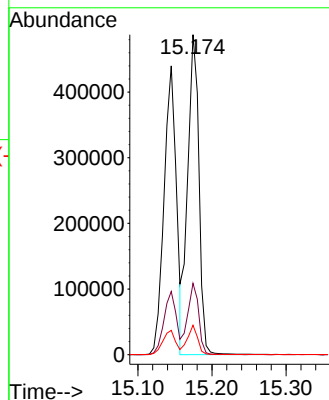
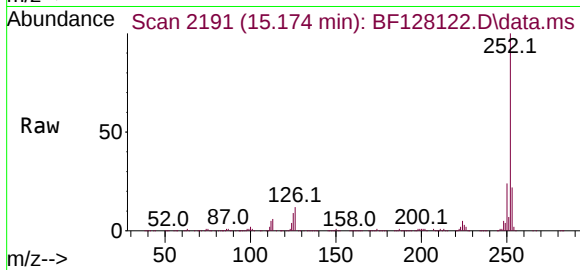
Tgt Ion:252 Resp: 518047

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 9.2 6.8 10.2



#90

Benzo(a)pyrene

Concen: 41.477 ng

RT: 15.527 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF128122.D

Acq: 06 May 2022 13:57

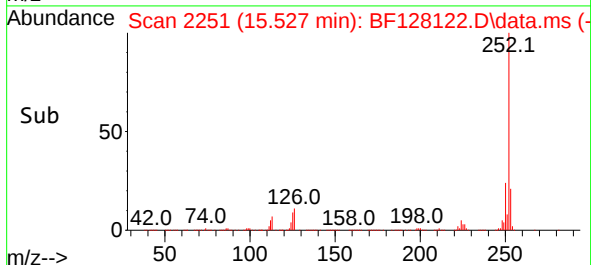
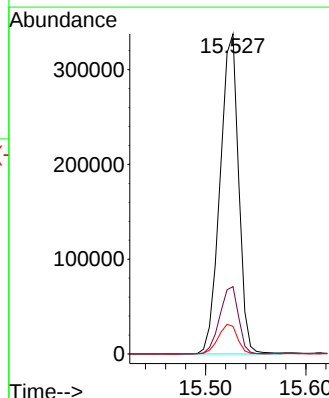
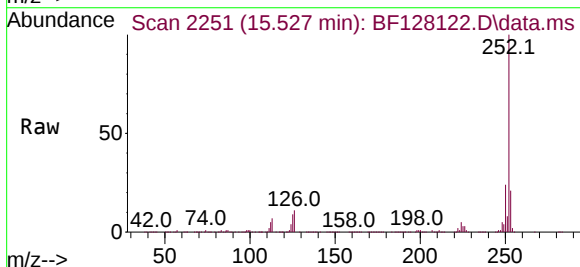
Tgt Ion:252 Resp: 433129

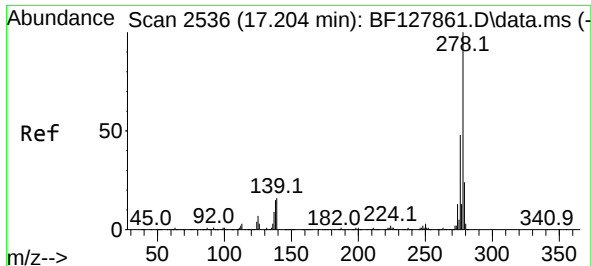
Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 8.7 9.2 13.8#

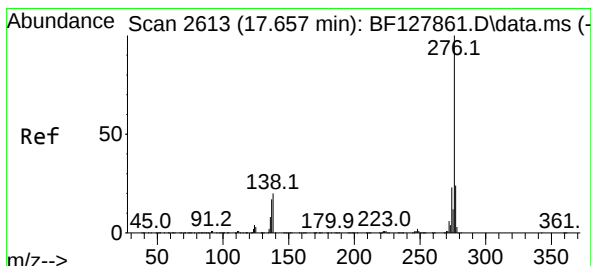
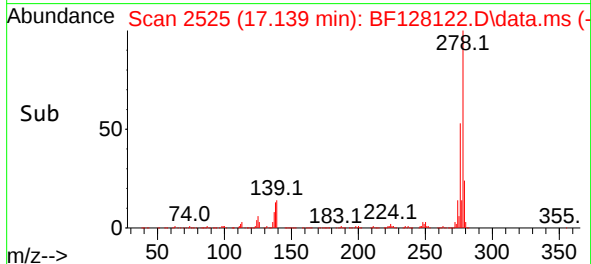
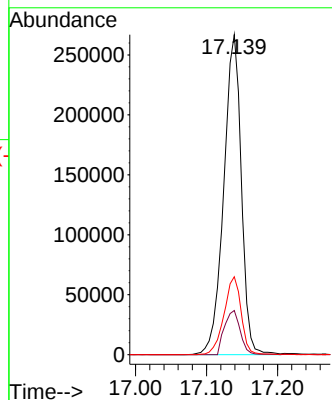
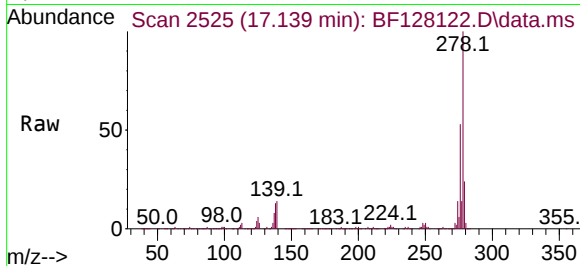




#91  
Dibenzo(a,h)anthracene  
Concen: 42.694 ng  
RT: 17.139 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 458096  
Ion Ratio Lower Upper  
278 100  
139 13.8 12.6 19.0  
279 24.4 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 42.514 ng  
RT: 17.592 min Scan# 2602  
Delta R.T. -0.006 min  
Lab File: BF128122.D  
Acq: 06 May 2022 13:57

Tgt Ion:276 Resp: 480720  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.8 28.2  
138 16.5 16.2 24.2

