

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112322\  
 Data File : BP012704.D  
 Acq On : 23 Nov 2022 09:55  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 24 02:25:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 00:38:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 303975   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.857 | 136  | 1338063  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.675 | 164  | 895266   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.428 | 188  | 2035811  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.521 | 240  | 2279727  | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 24.045 | 264  | 2139562  | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 1075600  | 76.658 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.181  | 99   | 1614955  | 80.257 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.204  | 82   | 1904870  | 79.395 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.163 | 330  | 761242   | 72.131 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.298 | 172  | 4841850  | 77.050 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.980 | 244  | 8435639  | 78.645 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.440  | 88   | 227769   | 38.520 | ng    | 97       |
| 3) Pyridine                   | 3.846  | 79   | 684328   | 36.426 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.758  | 42   | 334979   | 40.771 | ng    | 98       |
| 6) Aniline                    | 7.358  | 93   | 1013358  | 39.836 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.593  | 128  | 707341   | 39.084 | ng    | 98       |
| 9) Benzaldehyde               | 7.169  | 77   | 502500   | 39.881 | ng    | 99       |
| 10) Phenol                    | 7.210  | 94   | 920915   | 40.162 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.452  | 93   | 774662   | 38.692 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.922  | 146  | 848366   | 37.723 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.075  | 146  | 874602   | 37.865 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.393  | 146  | 855115   | 38.102 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.275  | 79   | 578768   | 40.455 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.575  | 45   | 1156459  | 38.980 | ng    | 100      |
| 17) 2-Methylphenol            | 8.469  | 107  | 626978   | 40.034 | ng    | 99       |
| 18) Hexachloroethane          | 9.128  | 117  | 317282   | 37.602 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.852  | 70   | 602201   | 42.397 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.805  | 107  | 858465   | 40.708 | ng    | 99       |
| 22) Acetophenone              | 8.863  | 105  | 1259024  | 38.544 | ng    | 99       |
| 24) Nitrobenzene              | 9.246  | 77   | 968324   | 39.442 | ng    | 98       |
| 25) Isophorone                | 9.775  | 82   | 1674210  | 38.057 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.963  | 139  | 278538   | 34.607 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.016 | 122  | 575226   | 38.133 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.257 | 93   | 1004108  | 38.592 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.493 | 162  | 755128   | 37.041 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.716 | 180  | 892416   | 37.131 | ng    | 99       |
| 31) Naphthalene               | 10.904 | 128  | 2762438  | 38.039 | ng    | 99       |
| 32) Benzoic acid              | 10.140 | 122  | 218010   | 32.757 | ng    | 98       |
| 33) 4-Chloroaniline           | 11.010 | 127  | 1058437  | 39.997 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.193 | 225  | 547672   | 36.313 | ng    | 99       |
| 35) Caprolactam               | 11.787 | 113  | 197225   | 37.172 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.122 | 107  | 798038   | 39.682 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.504 | 142  | 1974928  | 38.174 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.728 | 142  | 1944333  | 38.276 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.869 | 216  | 1072483  | 37.634 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.851 | 237  | 512590   | 37.819 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.104 | 196  | 634566   | 34.468 | ng    | 98       |

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

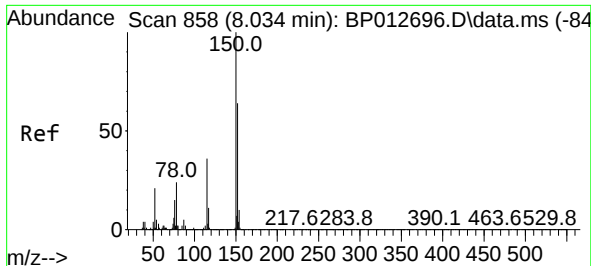
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 24 02:25:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 00:38:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.175 | 196  | 767976   | 41.639 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.510 | 154  | 2588094  | 38.214 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.551 | 162  | 2047375  | 38.175 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.751 | 65   | 505683   | 37.398 | ng    | 99       |
| 49) Acenaphthylene            | 14.398 | 152  | 3261997  | 38.300 | ng    | 100      |
| 50) Dimethylphthalate         | 14.128 | 163  | 2524264  | 38.319 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.245 | 165  | 549785   | 39.712 | ng    | 99       |
| 52) Acenaphthene              | 14.739 | 154  | 2058427  | 38.136 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.569 | 138  | 586435   | 37.621 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.775 | 184  | 193611   | 37.086 | ng    | 97       |
| 55) Dibenzofuran              | 15.069 | 168  | 3208510  | 38.218 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.863 | 139  | 471009   | 37.652 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.028 | 165  | 753264   | 37.470 | ng    | 96       |
| 58) Fluorene                  | 15.722 | 166  | 2713465  | 39.312 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.292 | 232  | 708305   | 39.250 | ng    | 99       |
| 60) Diethylphthalate          | 15.492 | 149  | 2430456  | 39.013 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.716 | 204  | 1324295  | 38.645 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.739 | 138  | 600700   | 38.662 | ng    | 99       |
| 63) Azobenzene                | 16.010 | 77   | 2587811  | 39.412 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.792 | 198  | 299450   | 36.972 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.928 | 169  | 2159022  | 37.945 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.616 | 248  | 794405   | 38.151 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.728 | 284  | 962242   | 37.399 | ng    | 98       |
| 69) Atrazine                  | 16.881 | 200  | 616517   | 35.895 | ng    | 99       |
| 70) Pentachlorophenol         | 17.069 | 266  | 567248   | 38.127 | ng    | 98       |
| 71) Phenanthrene              | 17.475 | 178  | 4421263  | 38.393 | ng    | 100      |
| 72) Anthracene                | 17.563 | 178  | 4240047  | 38.749 | ng    | 100      |
| 73) Carbazole                 | 17.828 | 167  | 3907827  | 39.529 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.380 | 149  | 3412593  | 34.168 | ng    | 99       |
| 75) Fluoranthene              | 19.433 | 202  | 5434158  | 39.999 | ng    | 100      |
| 77) Benzidine                 | 19.604 | 184  | 477973   | 35.581 | ng    | 99       |
| 78) Pyrene                    | 19.786 | 202  | 5658035  | 37.592 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.657 | 149  | 556165   | 37.397 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.504 | 228  | 5938038  | 38.541 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 1239710  | 35.537 | ng    | 99       |
| 83) Chrysene                  | 21.557 | 228  | 5672677  | 38.465 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.421 | 149  | 1075469  | 36.962 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.398 | 149  | 2131478  | 36.850 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.715 | 276  | 6028510  | 40.230 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.274 | 252  | 5505383  | 38.455 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.327 | 252  | 5786180  | 39.431 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.933 | 252  | 4490697  | 39.346 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.733 | 278  | 5174049  | 40.506 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.527 | 276  | 4597869  | 39.885 | ng    | 99       |

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

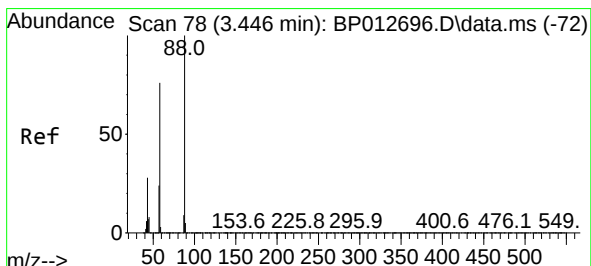
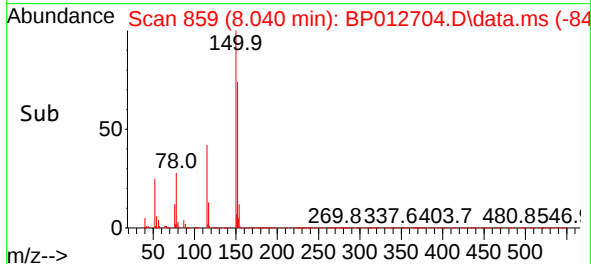
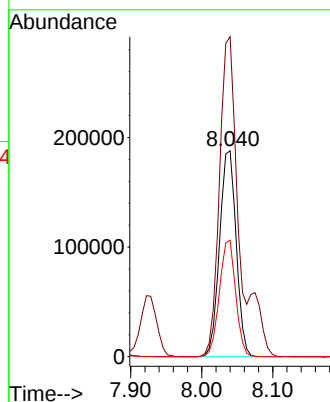
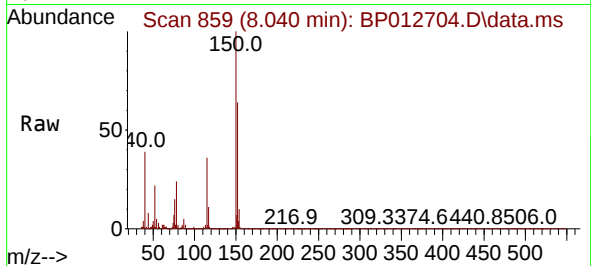




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.040 min Scan# 81  
 Delta R.T. 0.006 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

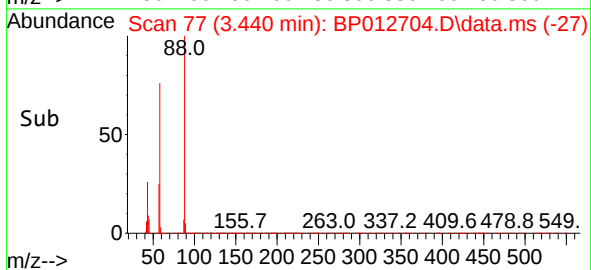
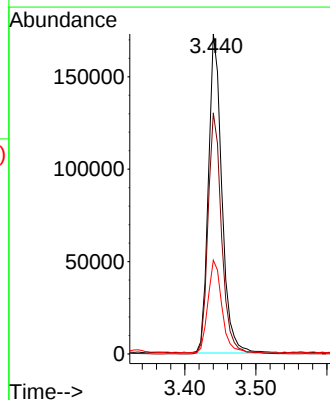
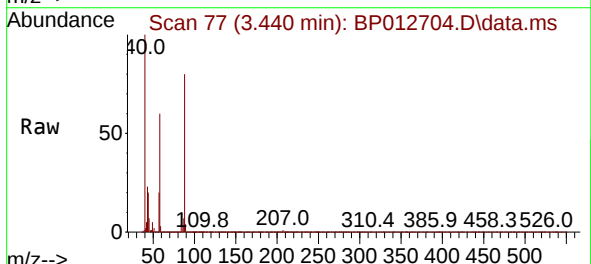
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

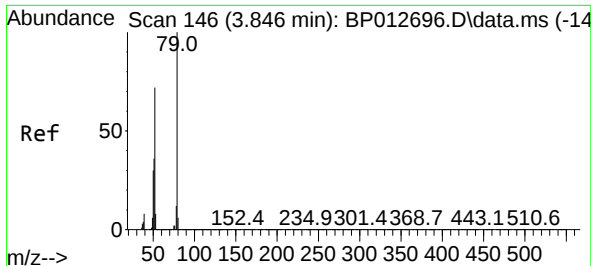
Tgt Ion:152 Resp: 303975  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 126.0 189.0  
 115 56.5 44.9 67.3



#2  
 1,4-Dioxane  
 Concen: 38.520 ng  
 RT: 3.440 min Scan# 77  
 Delta R.T. -0.006 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

Tgt Ion: 88 Resp: 227769  
 Ion Ratio Lower Upper  
 88 100  
 58 76.3 59.0 88.4  
 43 30.0 23.0 34.4

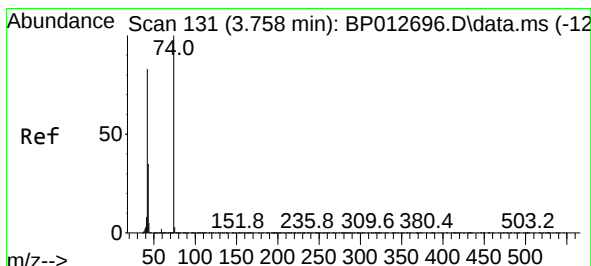
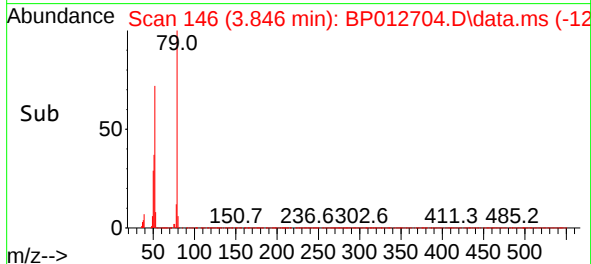
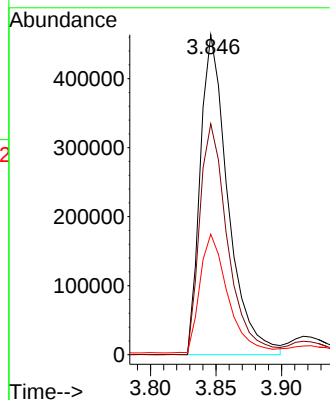
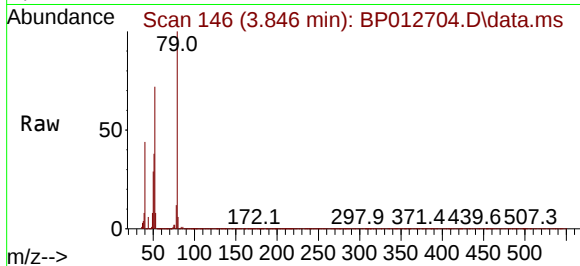




#3  
Pyridine  
Concen: 36.426 ng  
RT: 3.846 min Scan# 146  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

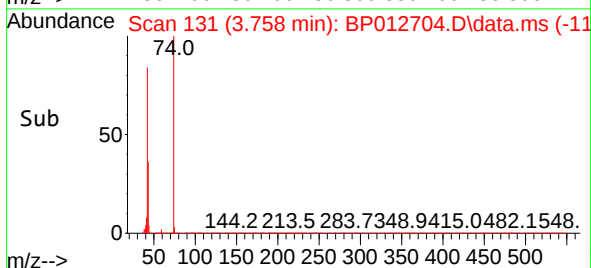
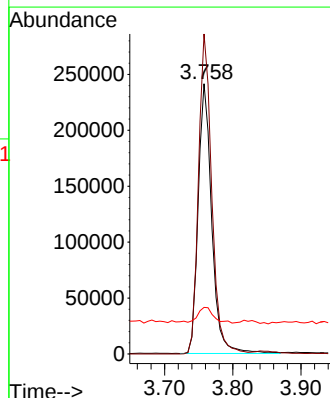
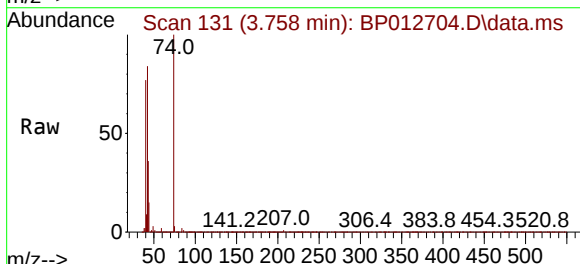
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

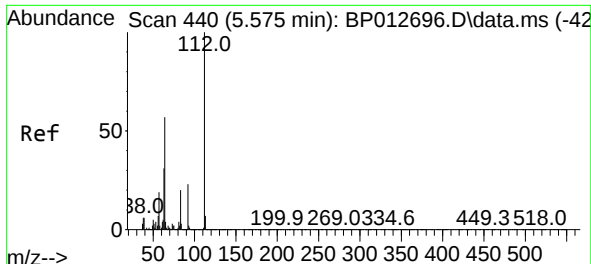
Tgt Ion: 79 Resp: 684328  
Ion Ratio Lower Upper  
79 100  
52 72.1 57.7 86.5  
51 37.7 29.4 44.0



#4  
n-Nitrosodimethylamine  
Concen: 40.771 ng  
RT: 3.758 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 42 Resp: 334979  
Ion Ratio Lower Upper  
42 100  
74 118.4 96.6 144.8  
44 17.2 13.8 20.6

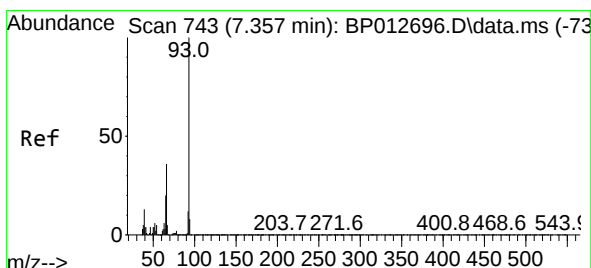
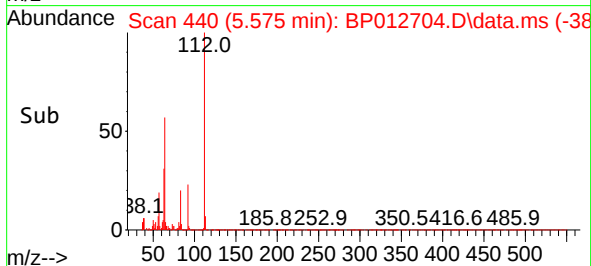
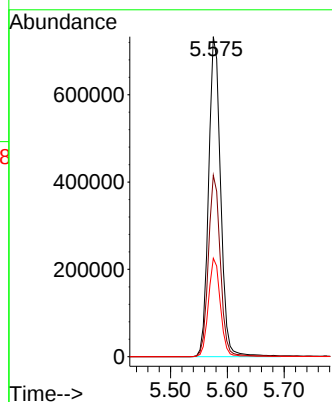
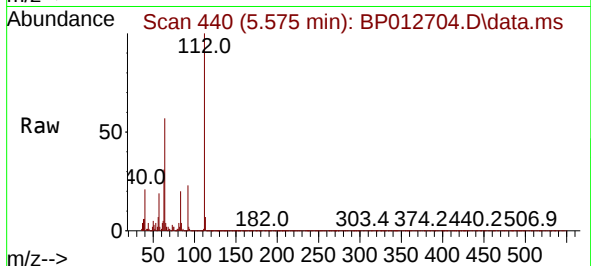




#5  
2-Fluorophenol  
Concen: 76.658 ng  
RT: 5.575 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

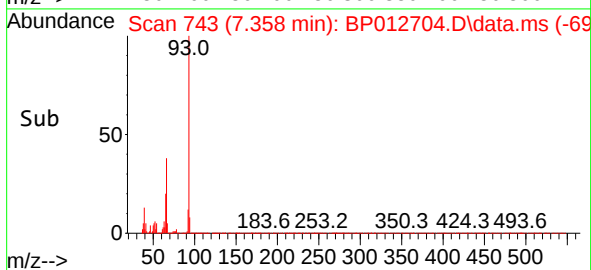
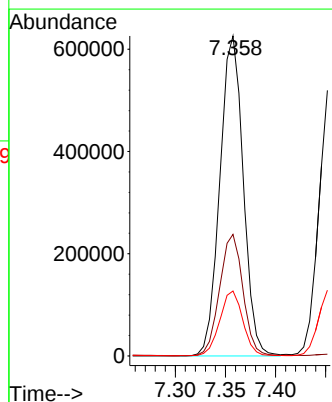
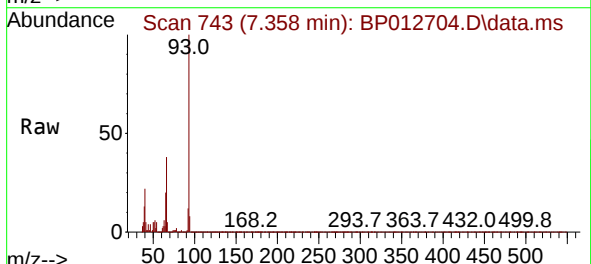
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BNA\_P  
ClientSampleId :  
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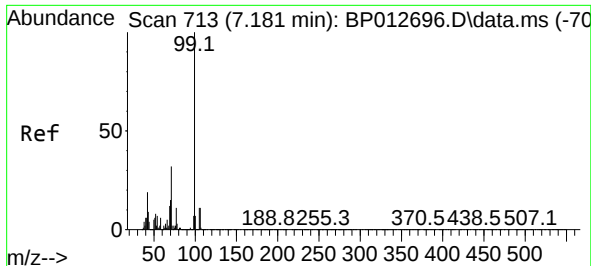
Tgt Ion:112 Resp: 1075600  
Ion Ratio Lower Upper  
112 100  
64 56.7 45.4 68.0  
63 30.7 24.6 37.0



#6  
Aniline  
Concen: 39.836 ng  
RT: 7.358 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 93 Resp: 1013358  
Ion Ratio Lower Upper  
93 100  
66 38.0 29.3 43.9  
65 20.3 15.8 23.6



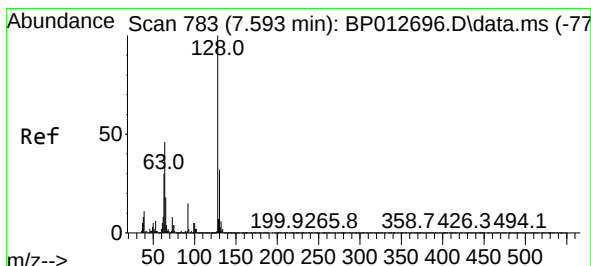
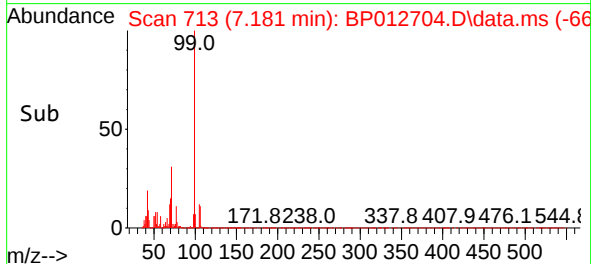
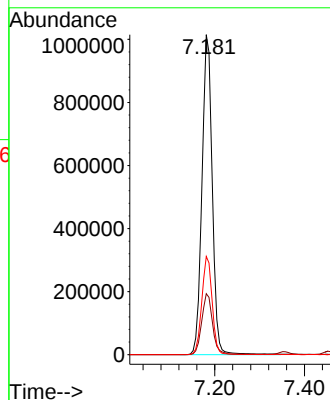
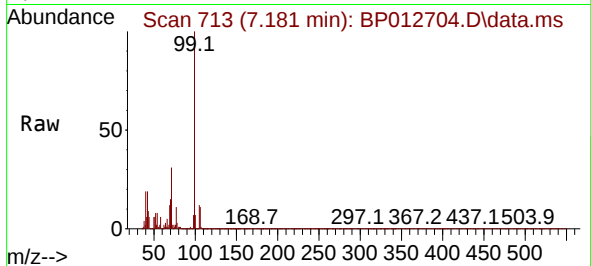


#7  
Phenol-d6  
Concen: 80.257 ng  
RT: 7.181 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 1614955

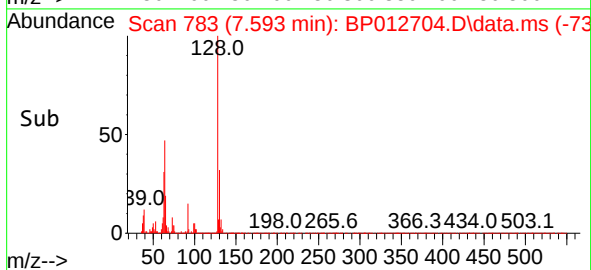
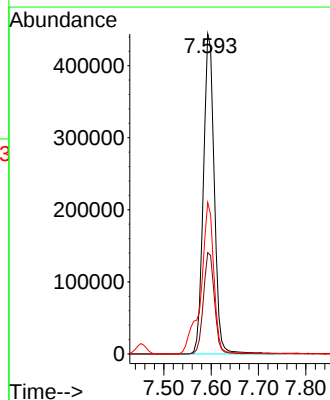
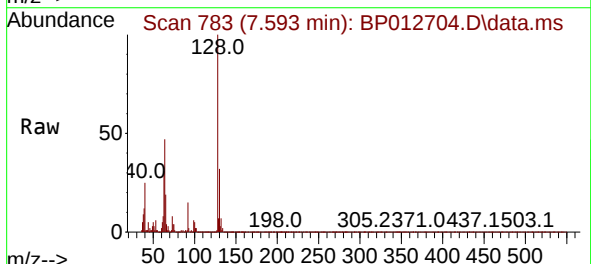
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.1  | 15.0  | 22.6  |
| 71  | 30.7  | 25.3  | 37.9  |

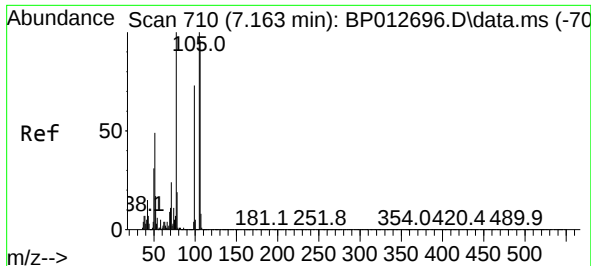


#8  
2-Chlorophenol  
Concen: 39.084 ng  
RT: 7.593 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 128 Resp: 707341

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.7  | 12.1  | 52.1  |
| 64  | 47.4  | 25.9  | 65.9  |

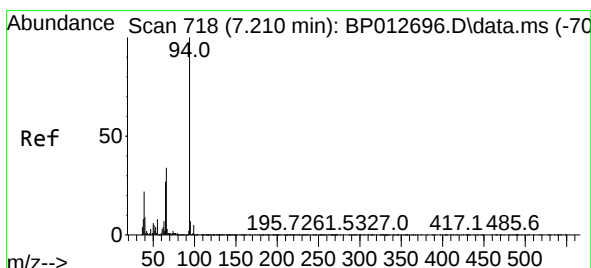
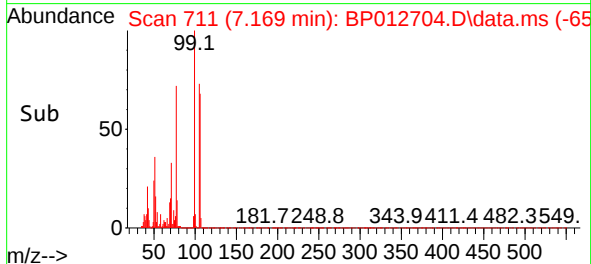
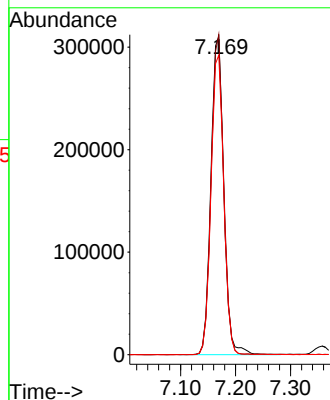
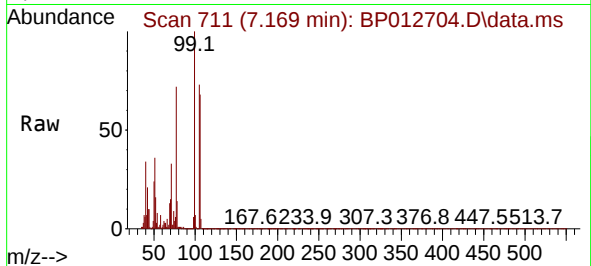




#9  
Benzaldehyde  
Concen: 39.881 ng  
RT: 7.169 min Scan# 710  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

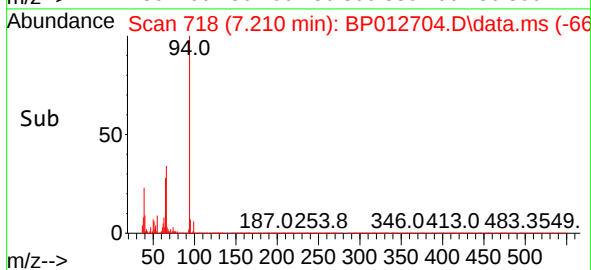
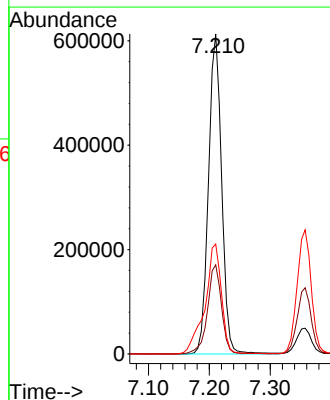
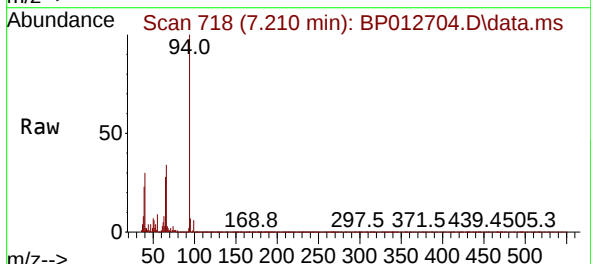
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

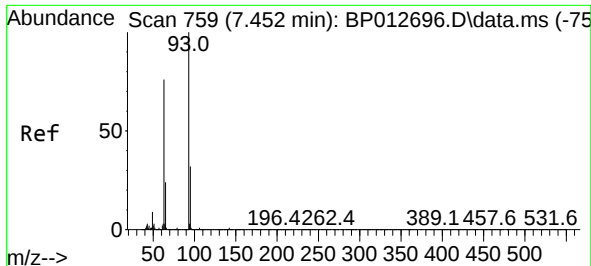
Tgt Ion: 77 Resp: 502500  
Ion Ratio Lower Upper  
77 100  
105 100.6 80.0 120.0  
106 94.2 75.6 115.6



#10  
Phenol  
Concen: 40.162 ng  
RT: 7.210 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 94 Resp: 920915  
Ion Ratio Lower Upper  
94 100  
65 27.9 7.4 47.4  
66 34.3 14.0 54.0

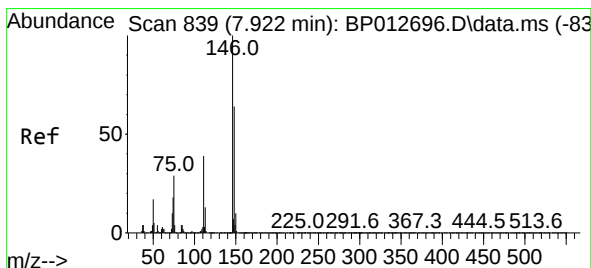
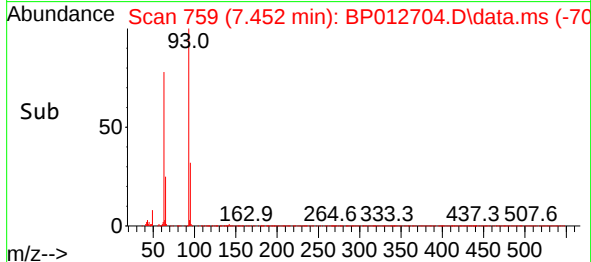
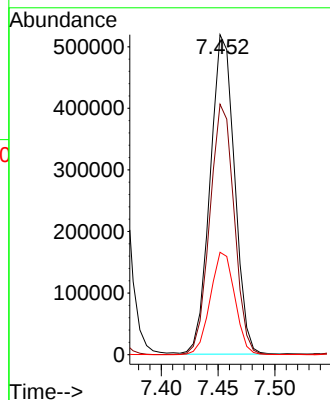
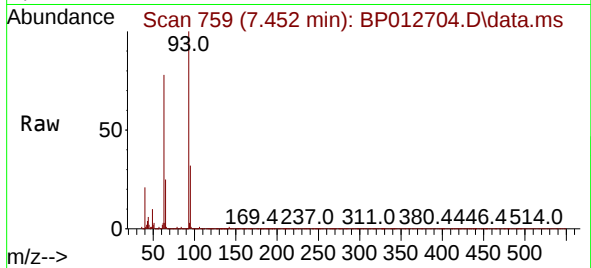




#11  
bis(2-Chloroethyl)ether  
Concen: 38.692 ng  
RT: 7.452 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

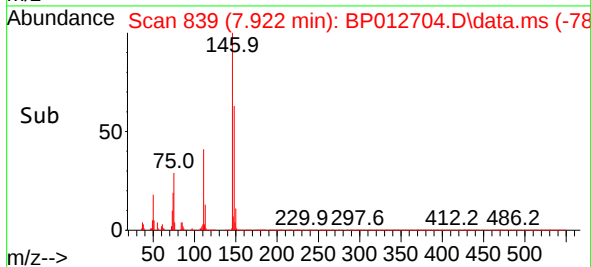
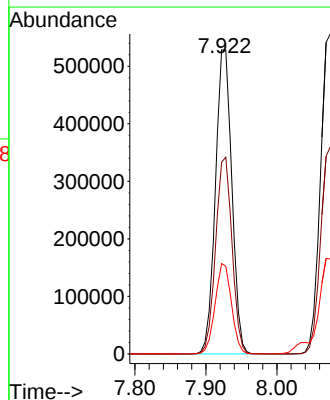
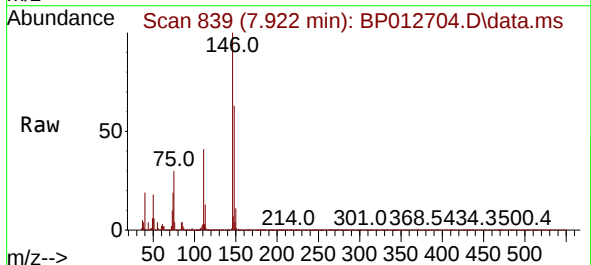
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

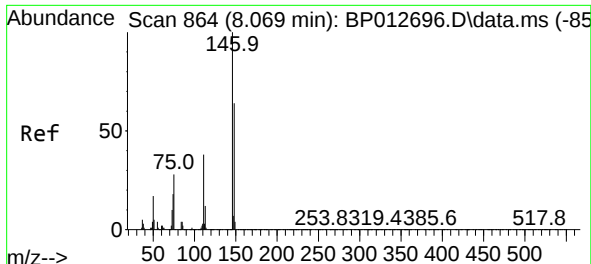
Tgt Ion: 93 Resp: 774662  
Ion Ratio Lower Upper  
93 100  
63 78.3 56.2 96.2  
95 32.0 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 37.723 ng  
RT: 7.922 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 146 Resp: 848366  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.3 76.9  
75 29.8 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.865 ng

RT: 8.075 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

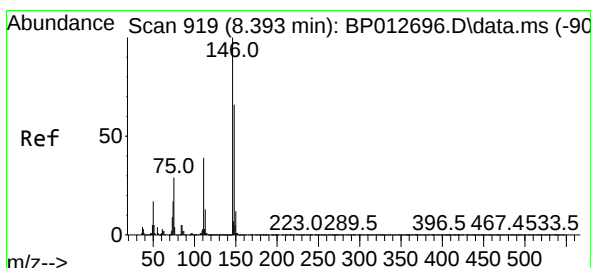
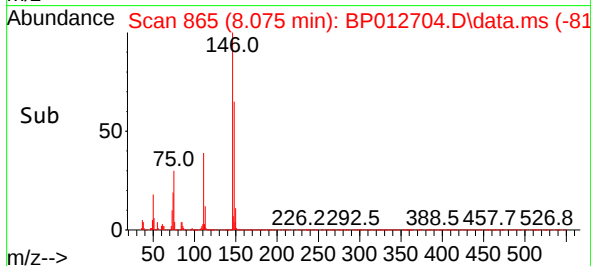
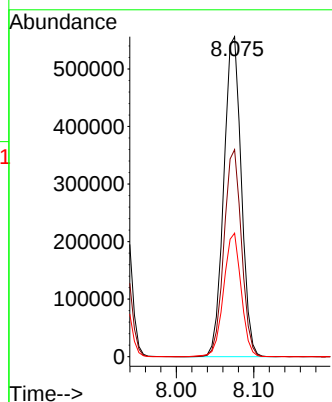
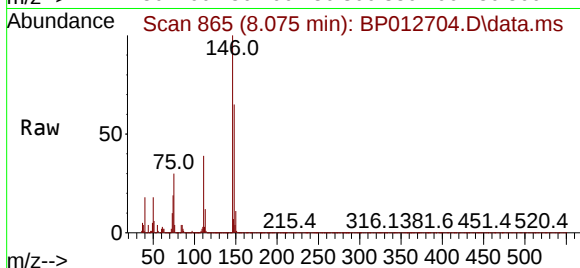
Tgt Ion:146 Resp: 874602

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

111 38.6 30.9 46.3



#14

1,2-Dichlorobenzene

Concen: 38.102 ng

RT: 8.393 min Scan# 919

Delta R.T. 0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

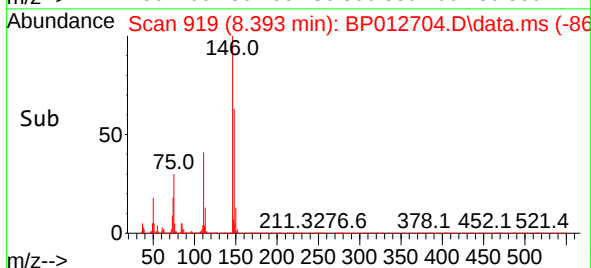
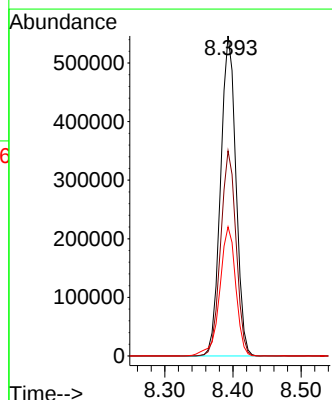
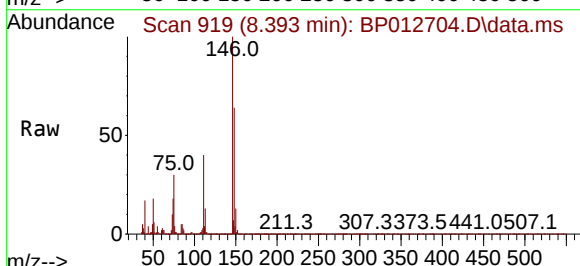
Tgt Ion:146 Resp: 855115

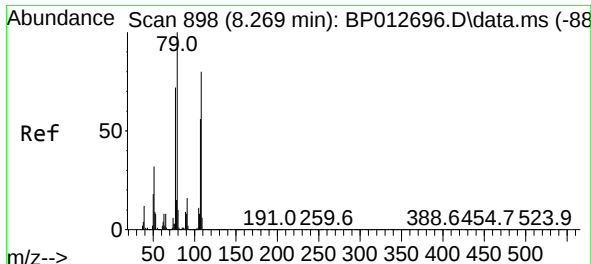
Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

111 40.4 31.5 47.3





#15

Benzyl Alcohol

Concen: 40.455 ng

RT: 8.275 min Scan# 898

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

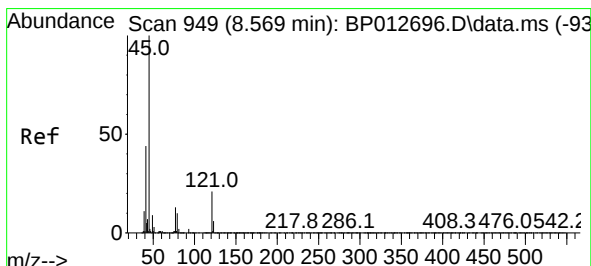
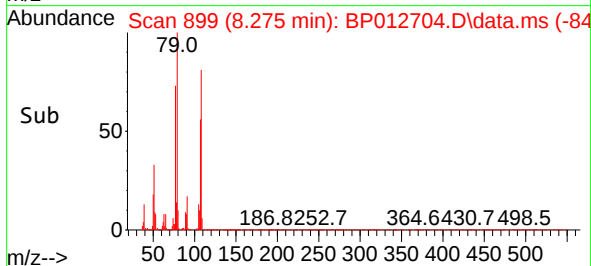
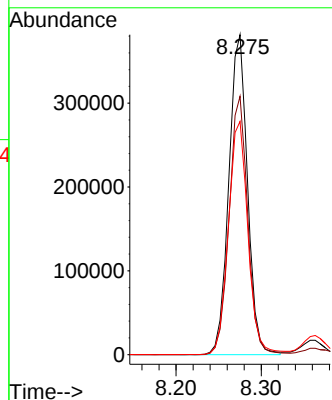
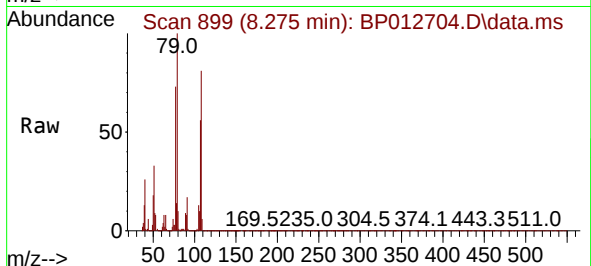
Tgt Ion: 79 Resp: 578768

Ion Ratio Lower Upper

79 100

108 80.8 63.8 95.8

77 72.9 57.6 86.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.980 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

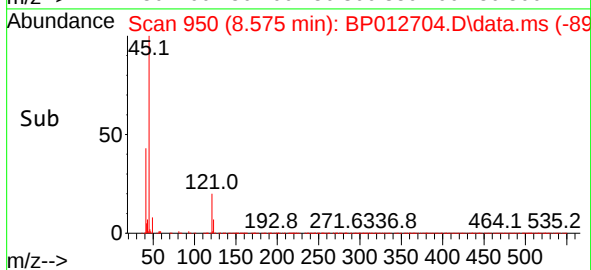
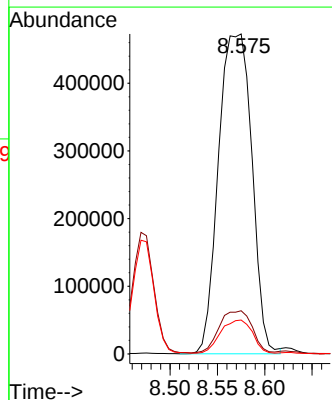
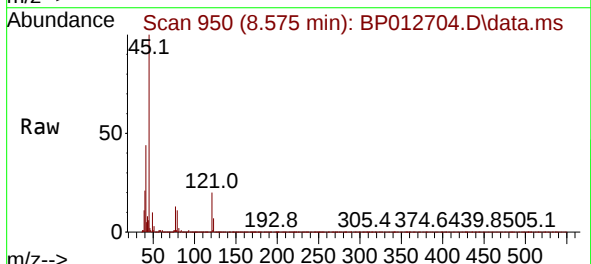
Tgt Ion: 45 Resp: 1156459

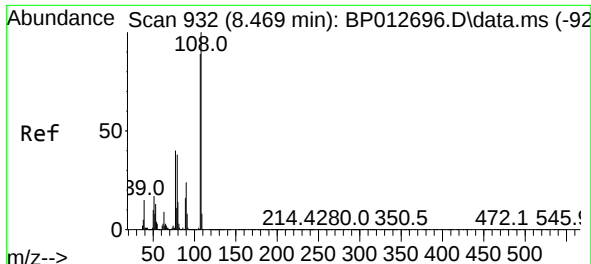
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.5

79 10.6 0.0 30.5

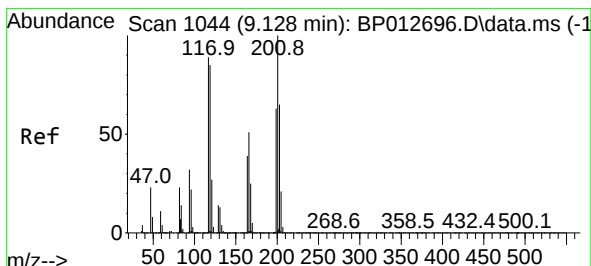
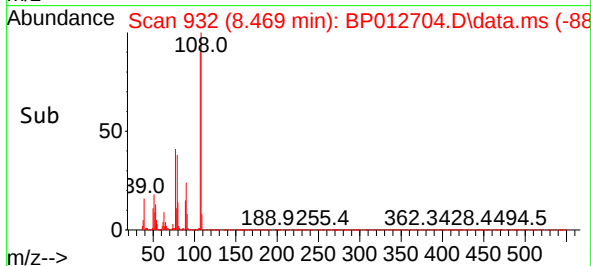
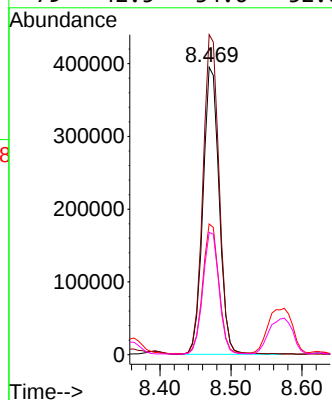
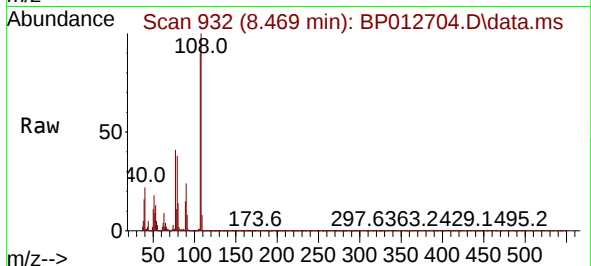




#17  
2-Methylphenol  
Concen: 40.034 ng  
RT: 8.469 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

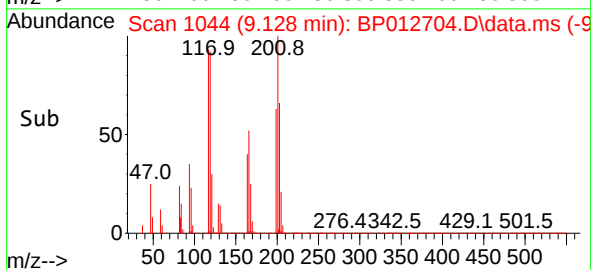
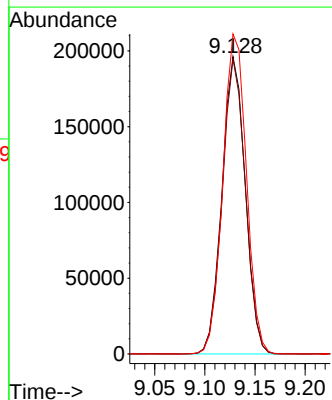
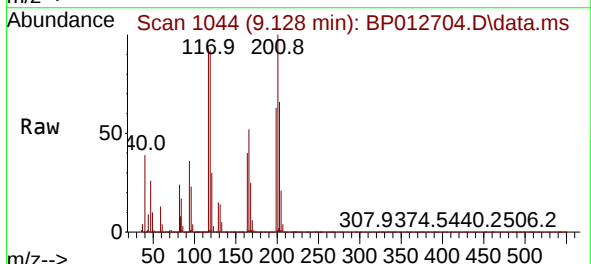
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

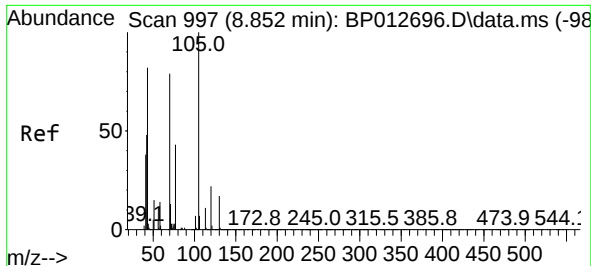
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 626978 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.3 | 89.8  | 134.8  |
| 77       | 45.5  | 35.9  | 53.9   |
| 79       | 42.5  | 34.6  | 52.0   |



#18  
Hexachloroethane  
Concen: 37.602 ng  
RT: 9.128 min Scan# 1044  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 317282 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.2  | 76.4  | 114.6  |
| 201      | 107.6 | 89.8  | 134.6  |

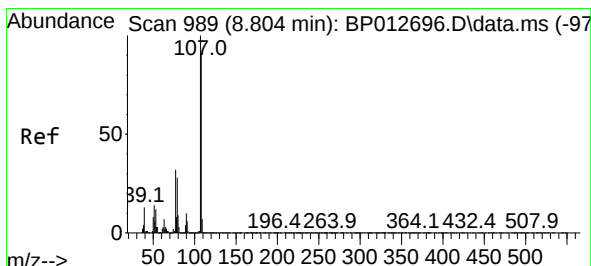
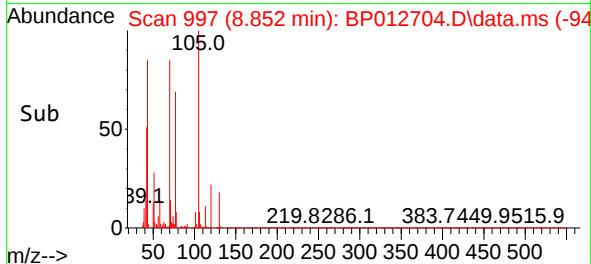
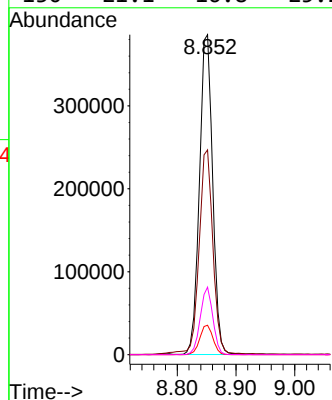
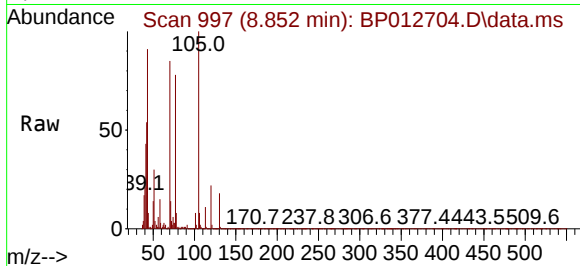




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.397 ng  
RT: 8.852 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

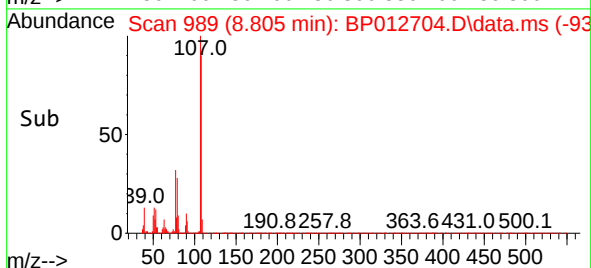
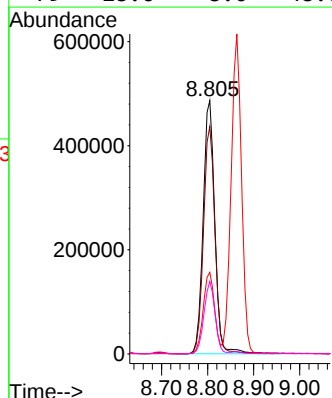
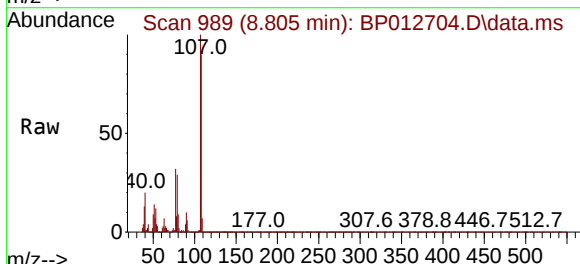
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BNA\_P  
ClientSampleId :  
SSTDCCC040

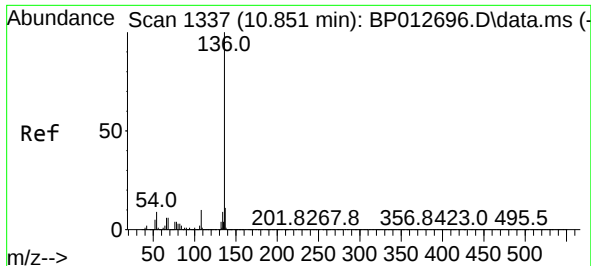
Tgt Ion: 70 Resp: 602201  
Ion Ratio Lower Upper  
70 100  
42 64.0 49.4 74.0  
101 9.2 7.4 11.2  
130 21.1 16.8 25.2



#20  
3+4-Methylphenols  
Concen: 40.708 ng  
RT: 8.805 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 107 Resp: 858465  
Ion Ratio Lower Upper  
107 100  
108 89.7 71.1 111.1  
77 32.2 12.2 52.2  
79 28.6 8.0 48.0

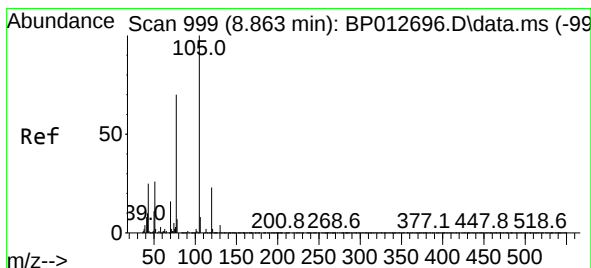
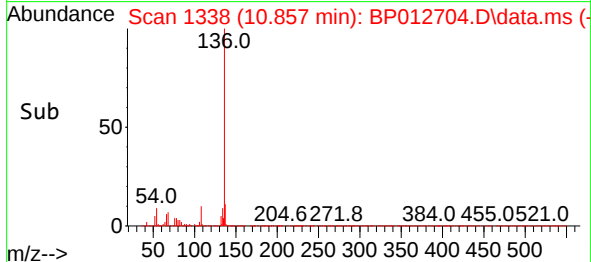
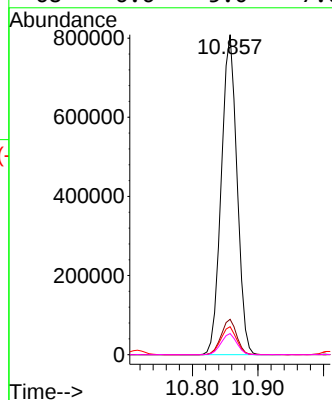
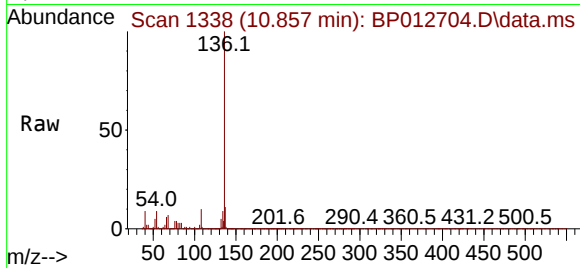




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.857 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

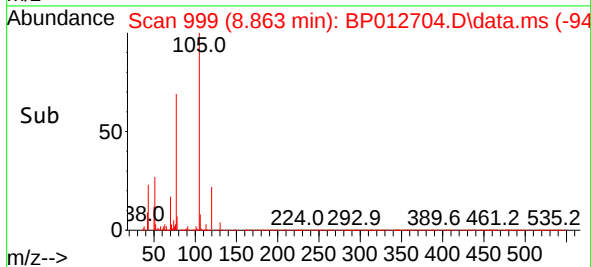
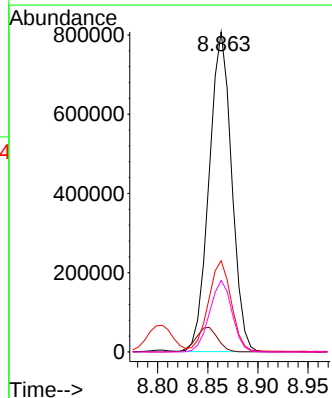
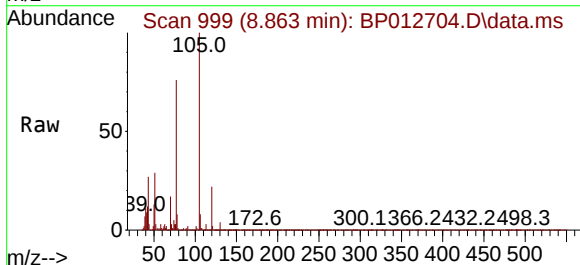
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

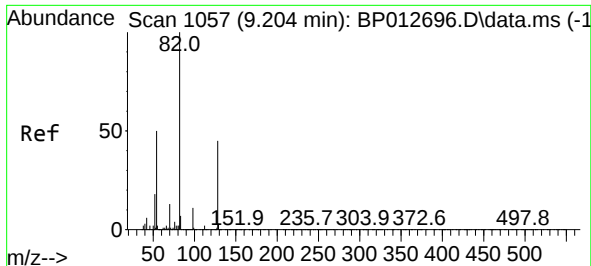
Tgt Ion:136 Resp: 1338063  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 8.7 6.9 10.3  
68 6.6 5.0 7.6



#22  
Acetophenone  
Concen: 38.544 ng  
RT: 8.863 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:105 Resp: 1259024  
Ion Ratio Lower Upper  
105 100  
71 2.7 2.2 3.2  
51 28.5 22.1 33.1  
120 22.4 18.1 27.1

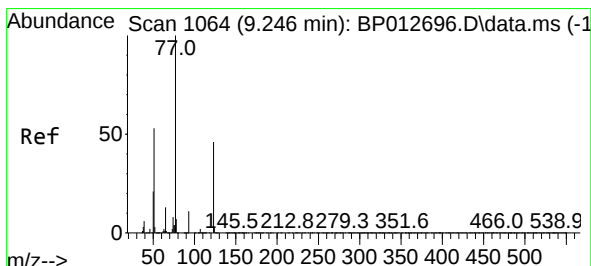
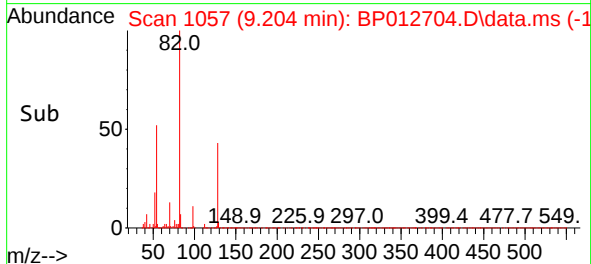
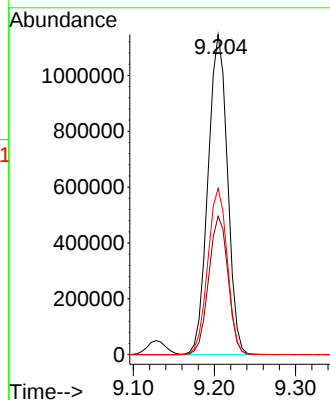
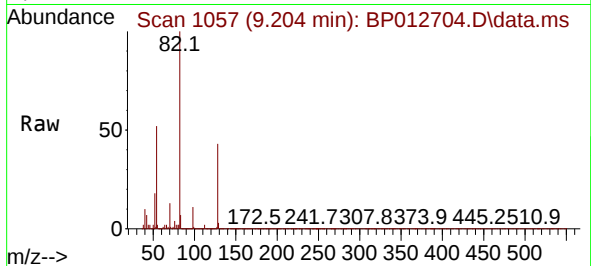




#23  
Nitrobenzene-d5  
Concen: 79.395 ng  
RT: 9.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

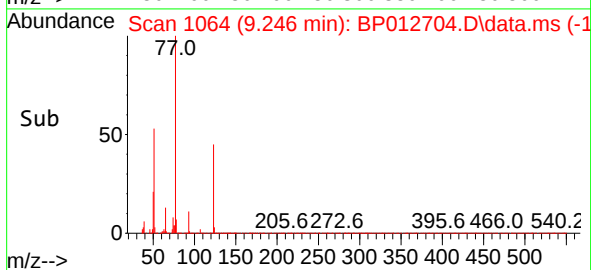
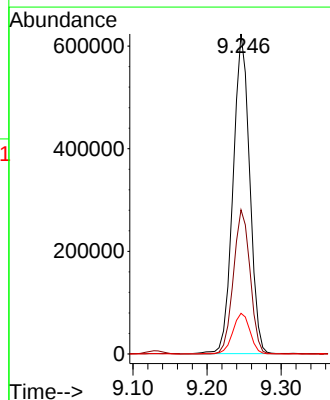
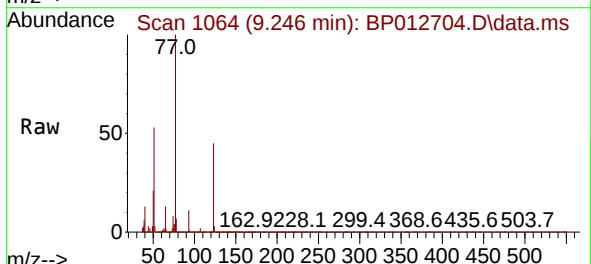
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BNA\_P  
ClientSampleId :  
SSTDCCC040

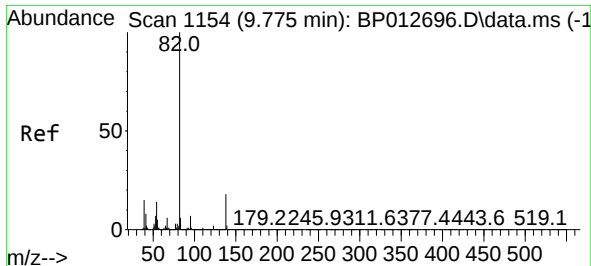
Tgt Ion: 82 Resp: 1904870  
Ion Ratio Lower Upper  
82 100  
128 43.3 35.6 53.4  
54 52.0 40.3 60.5



#24  
Nitrobenzene  
Concen: 39.442 ng  
RT: 9.246 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 77 Resp: 968324  
Ion Ratio Lower Upper  
77 100  
123 45.1 37.3 55.9  
65 12.7 10.4 15.6

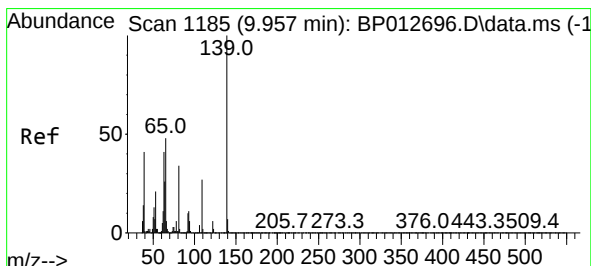
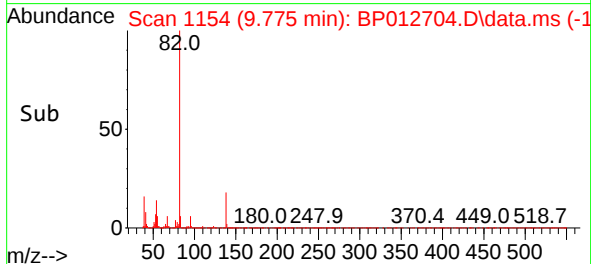
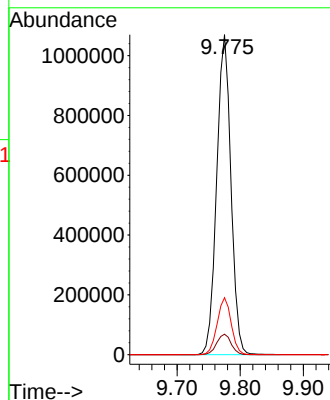
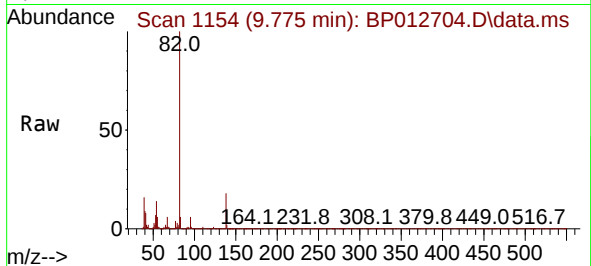




#25  
Isophorone  
Concen: 38.057 ng  
RT: 9.775 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

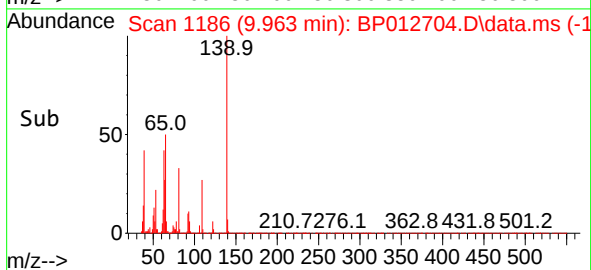
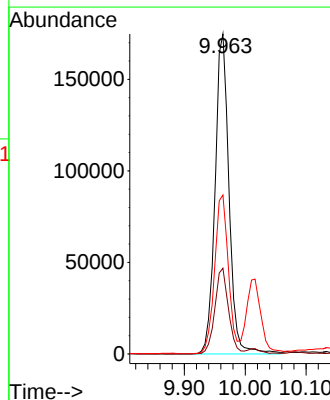
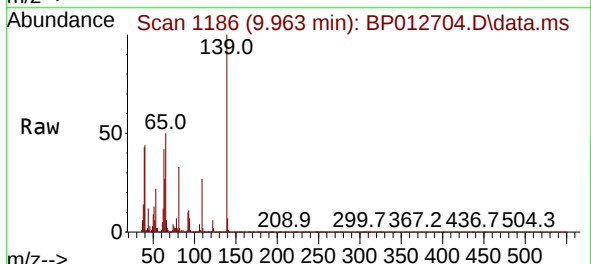
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

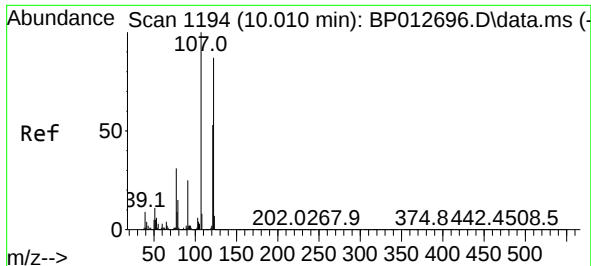
Tgt Ion: 82 Resp: 1674210  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.4 8.2  
138 17.8 14.7 22.1



#26  
2-Nitrophenol  
Concen: 34.607 ng  
RT: 9.963 min Scan# 1186  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 139 Resp: 278538  
Ion Ratio Lower Upper  
139 100  
109 26.8 21.5 32.3  
65 49.7 38.3 57.5

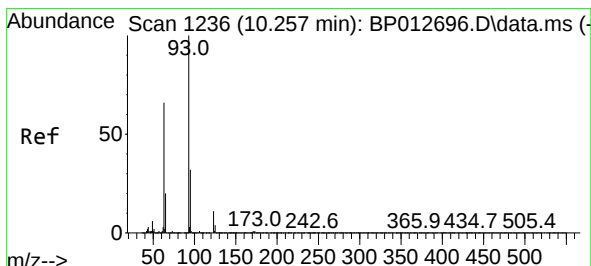
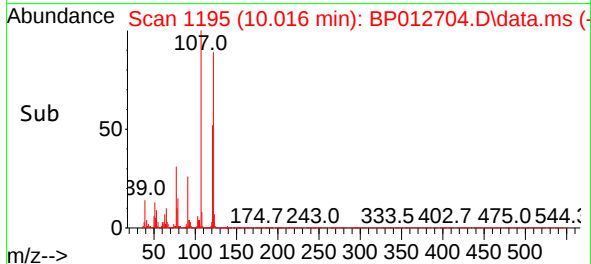
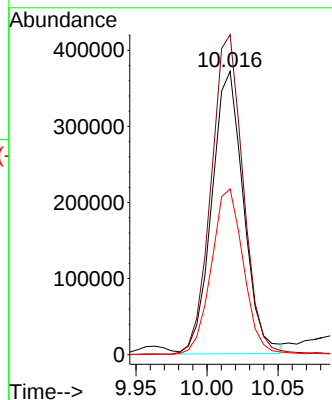
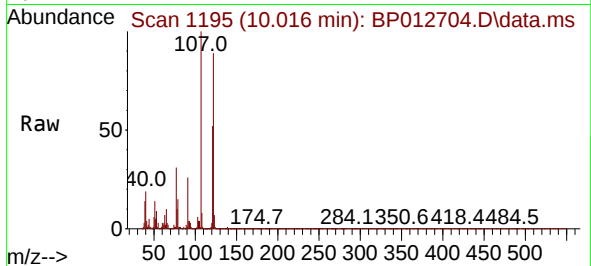




#27  
2,4-Dimethylphenol  
Concen: 38.133 ng  
RT: 10.016 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

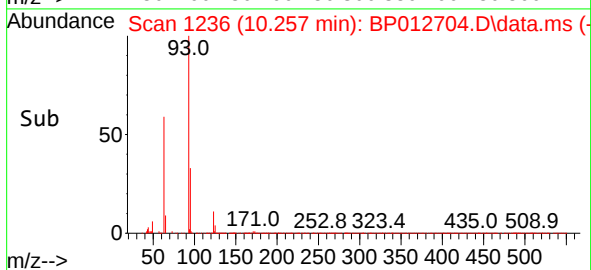
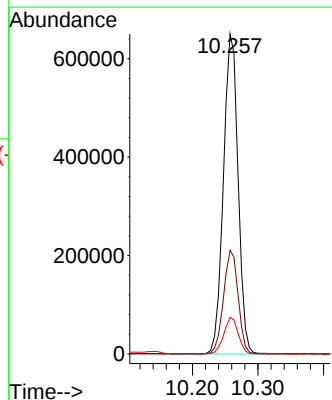
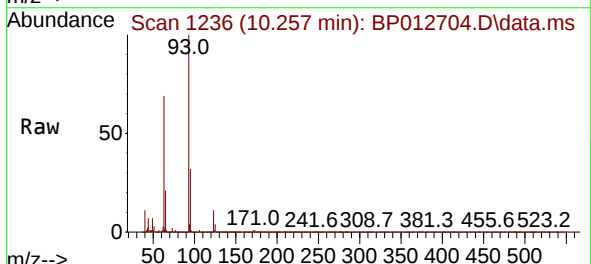
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BNA\_P  
ClientSampleId :  
SSTDCCC040

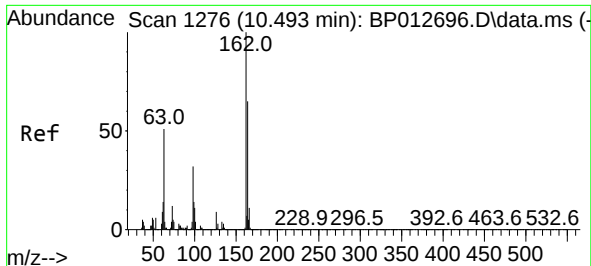
Tgt Ion:122 Resp: 575226  
Ion Ratio Lower Upper  
122 100  
107 112.9 90.9 136.3  
121 58.5 47.8 71.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.592 ng  
RT: 10.257 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 93 Resp: 1004108  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.4 38.2  
123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 37.041 ng

RT: 10.493 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

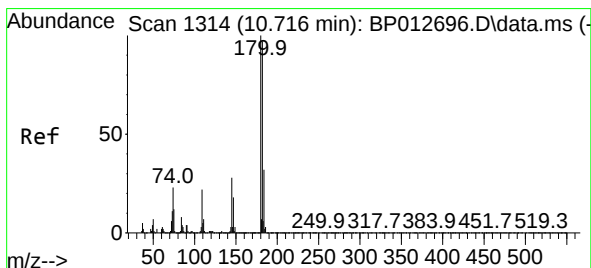
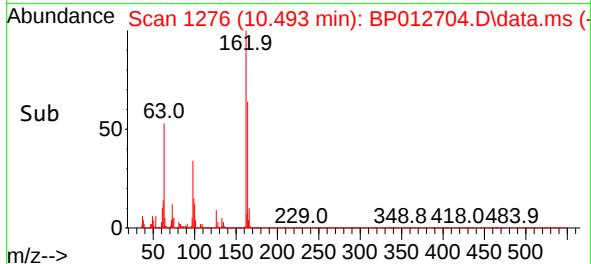
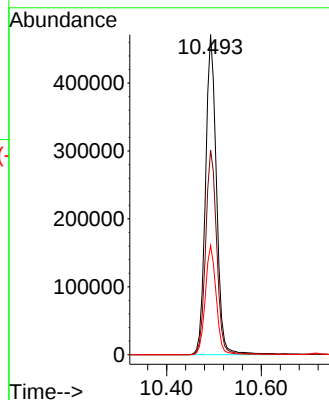
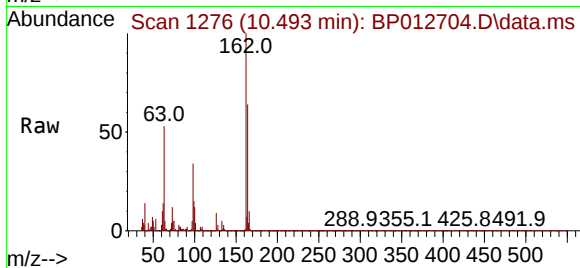
Tgt Ion:162 Resp: 755128

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

98 34.1 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 37.131 ng

RT: 10.716 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

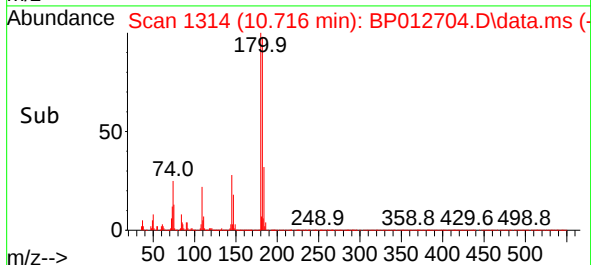
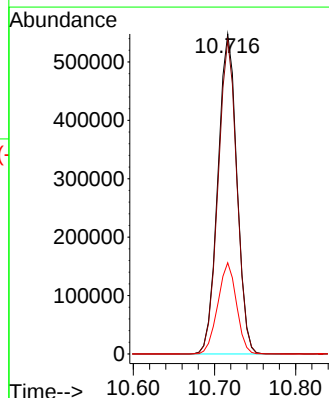
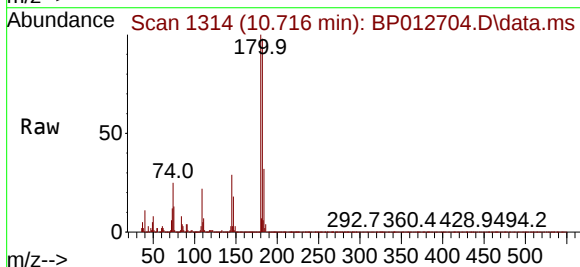
Tgt Ion:180 Resp: 892416

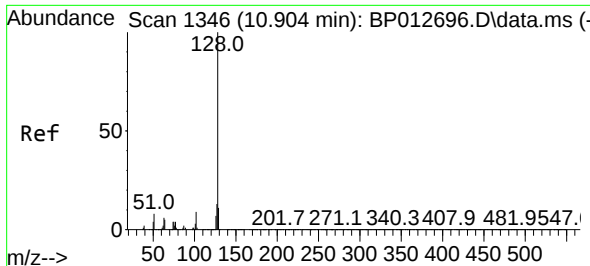
Ion Ratio Lower Upper

180 100

182 98.1 77.4 116.2

145 28.5 22.2 33.2

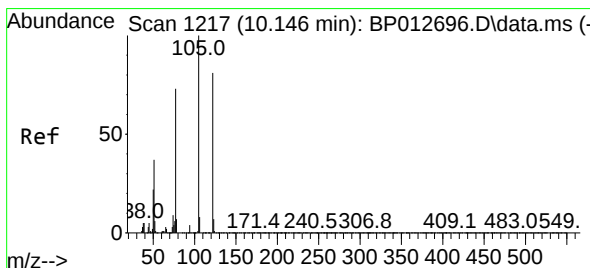
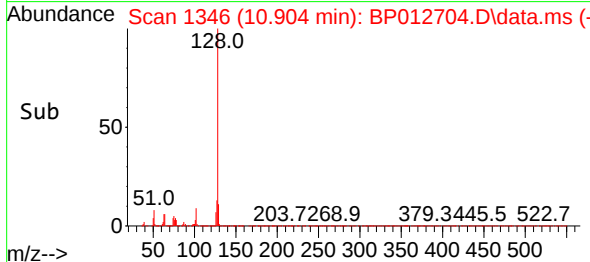
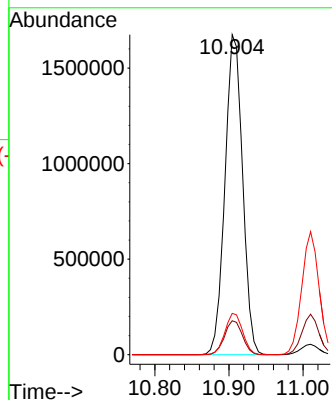
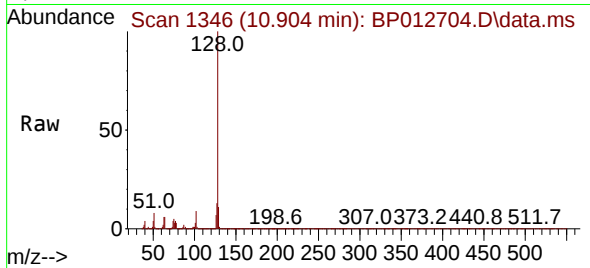




#31  
Naphthalene  
Concen: 38.039 ng  
RT: 10.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

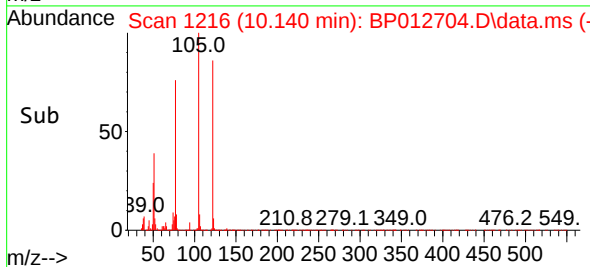
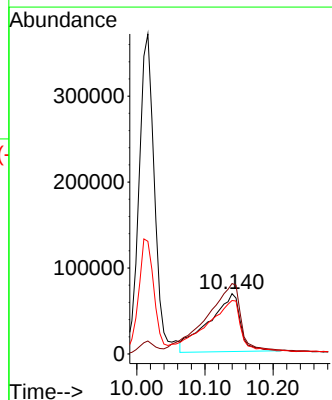
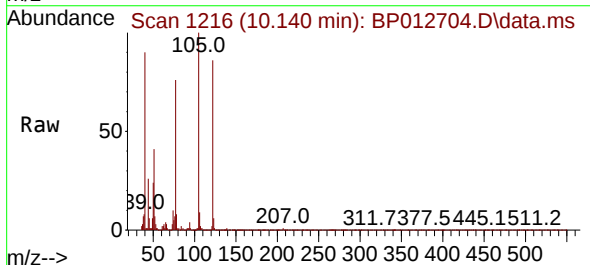
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

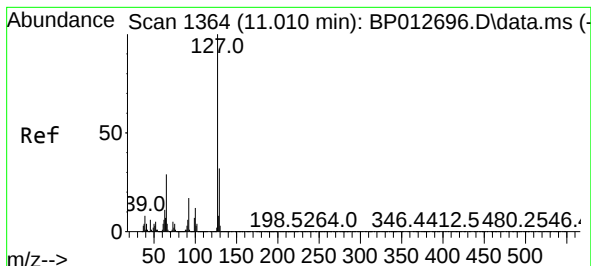
Tgt Ion:128 Resp: 2762438  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 12.9 10.5 15.7



#32  
Benzoic acid  
Concen: 32.757 ng  
RT: 10.140 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:122 Resp: 218010  
Ion Ratio Lower Upper  
122 100  
105 116.8 98.3 138.3  
77 88.7 70.6 110.6



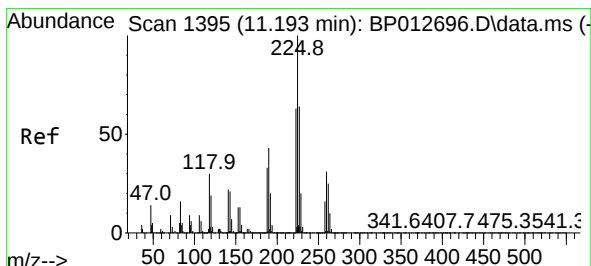
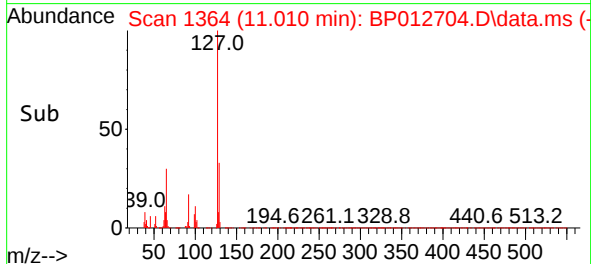
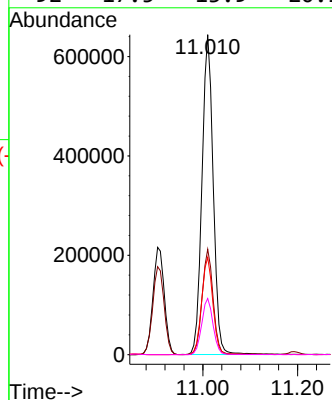
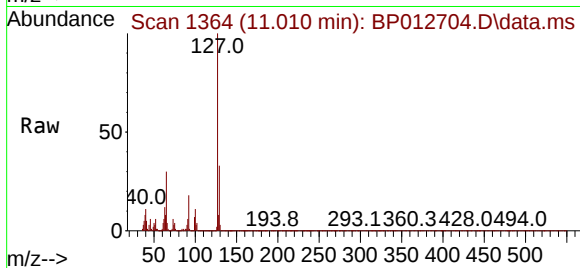


#33  
4-Chloroaniline  
Concen: 39.997 ng  
RT: 11.010 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 1058437

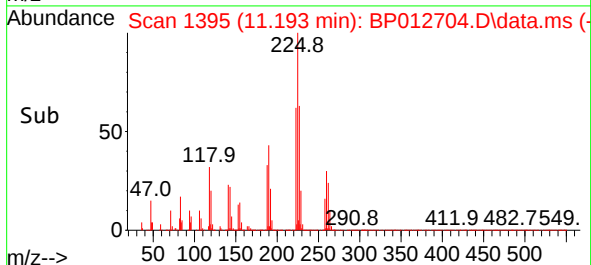
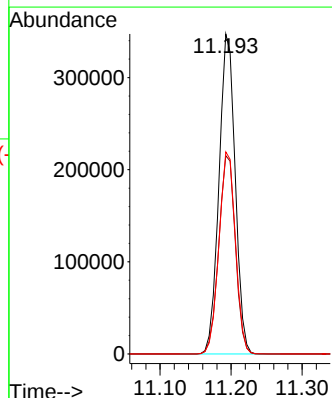
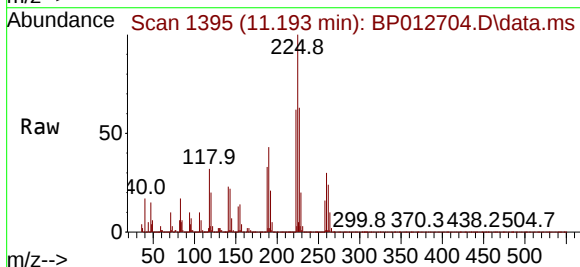
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 33.0  | 25.8  | 38.8  |
| 65  | 30.4  | 23.6  | 35.4  |
| 92  | 17.5  | 13.9  | 20.9  |

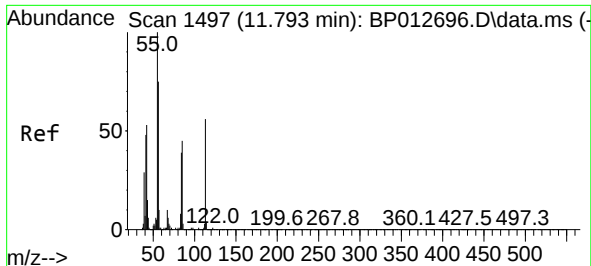


#34  
Hexachlorobutadiene  
Concen: 36.313 ng  
RT: 11.193 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:225 Resp: 547672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.0  | 50.6  | 76.0  |
| 227 | 63.1  | 51.0  | 76.6  |

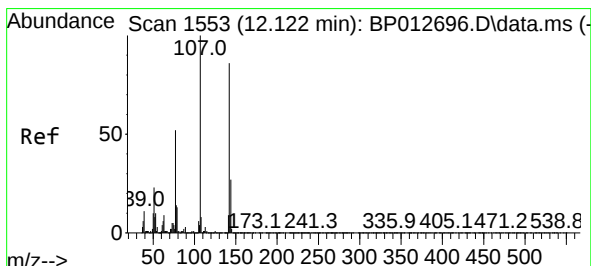
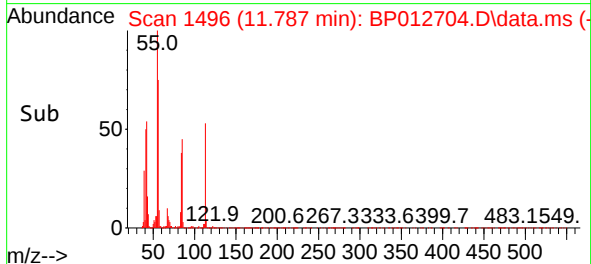
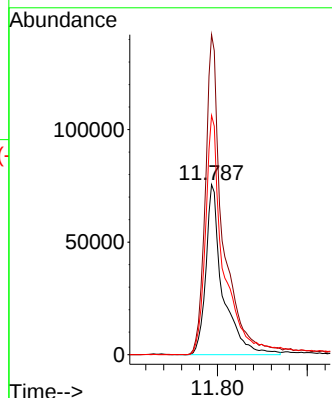
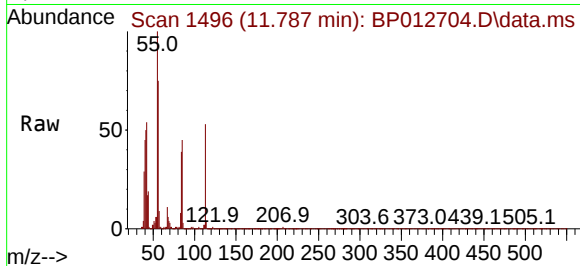




#35  
Caprolactam  
Concen: 37.172 ng  
RT: 11.787 min Scan# 1497  
Delta R.T. -0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

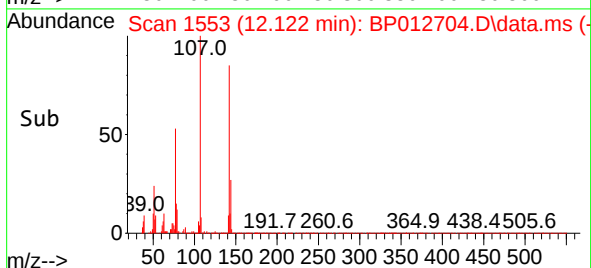
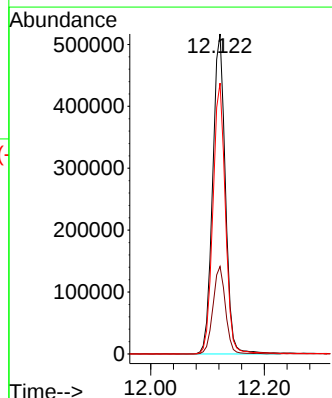
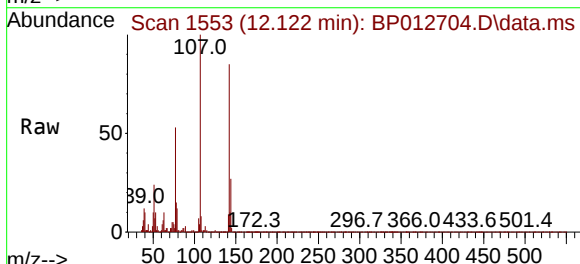
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

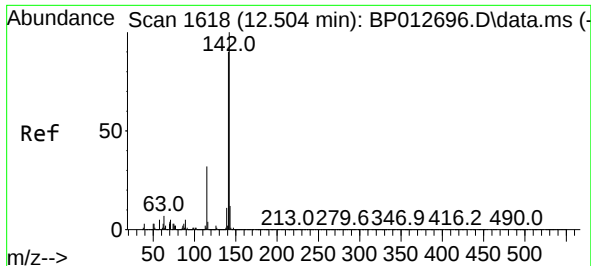
Tgt Ion:113 Resp: 197225  
Ion Ratio Lower Upper  
113 100  
55 188.1 158.0 198.0  
56 140.6 114.1 154.1



#36  
4-Chloro-3-methylphenol  
Concen: 39.682 ng  
RT: 12.122 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:107 Resp: 798038  
Ion Ratio Lower Upper  
107 100  
144 27.4 22.0 33.0  
142 84.7 69.1 103.7

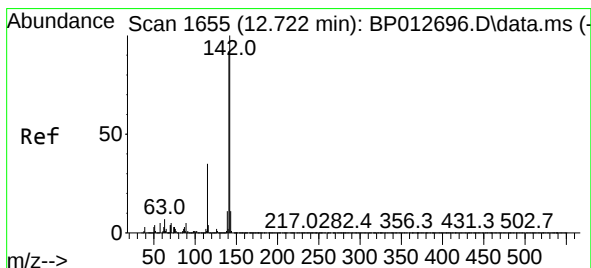
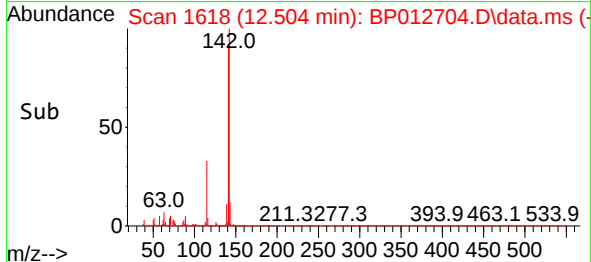
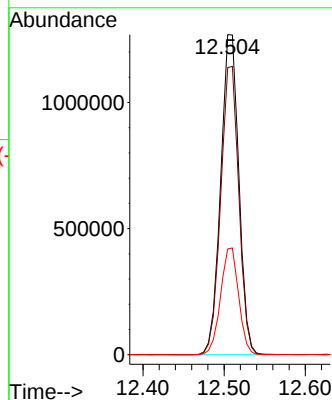
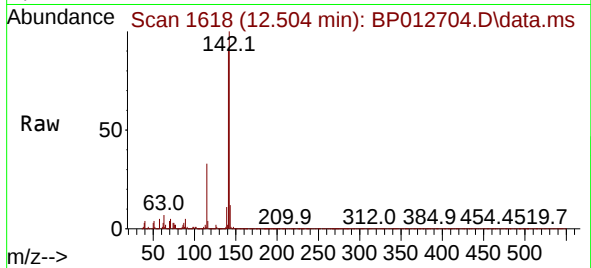




#37  
2-Methylnaphthalene  
Concen: 38.174 ng  
RT: 12.504 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

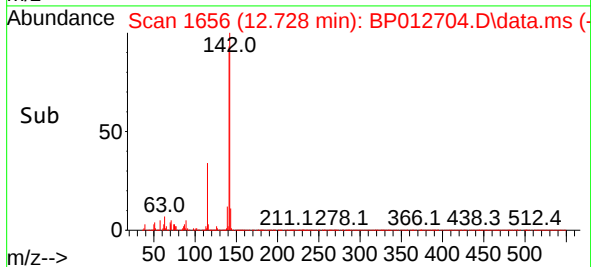
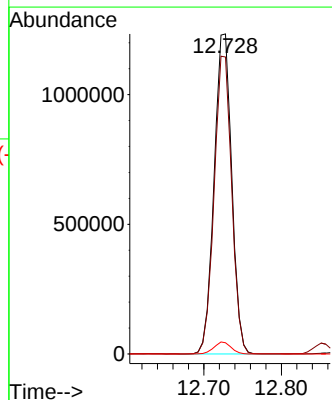
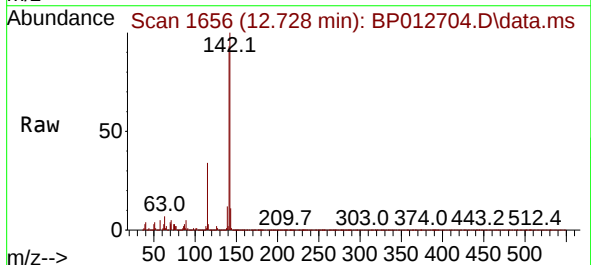
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ClientSampleId :  
SSTDCCC040

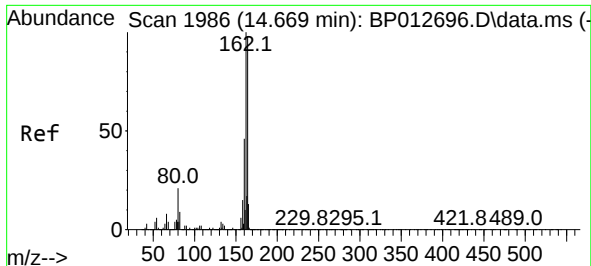
Tgt Ion:142 Resp: 1974928  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.9 107.9  
115 33.1 26.0 39.0



#38  
1-Methylnaphthalene  
Concen: 38.276 ng  
RT: 12.728 min Scan# 1656  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:142 Resp: 1944333  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.7 110.5  
116 3.5 2.9 4.3

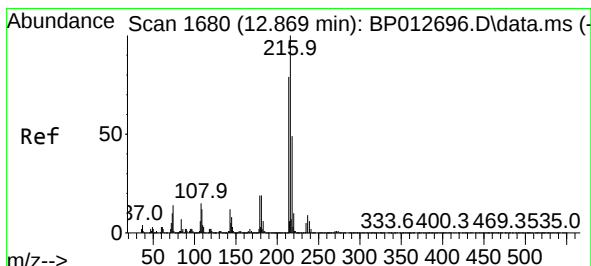
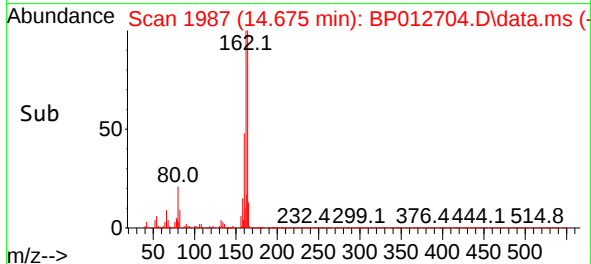
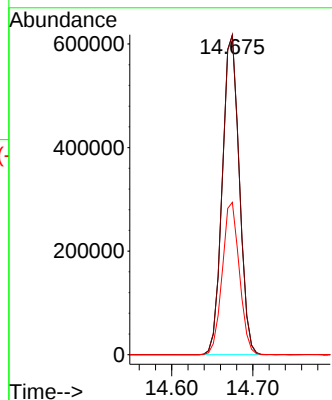
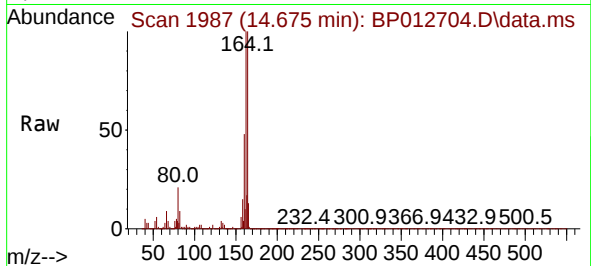




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.675 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

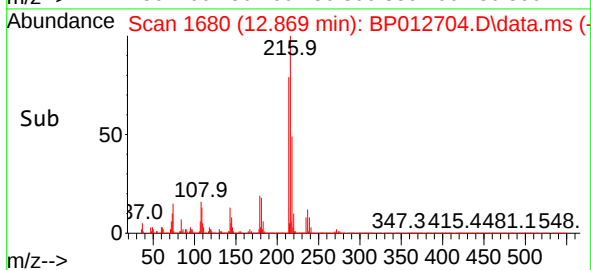
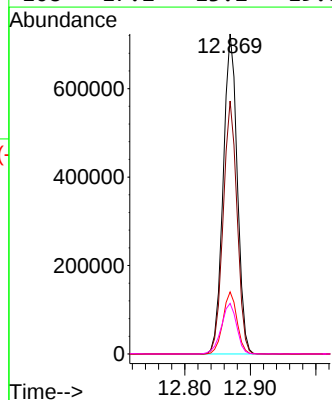
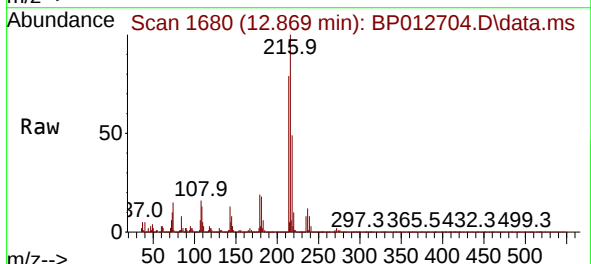
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BNA\_P  
ClientSampleId :  
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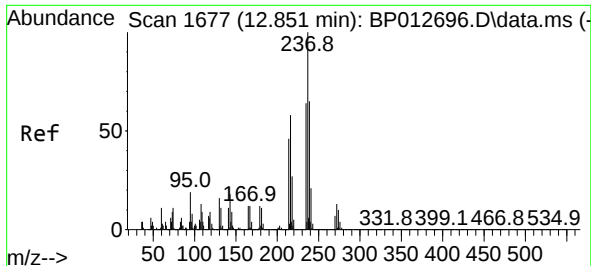
Tgt Ion:164 Resp: 895266  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.3 121.9  
160 47.7 37.6 56.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.634 ng  
RT: 12.869 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:216 Resp: 1072483  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.8 94.2  
179 19.3 15.3 22.9  
108 17.2 13.2 19.8

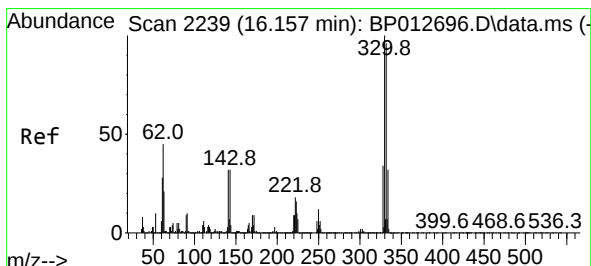
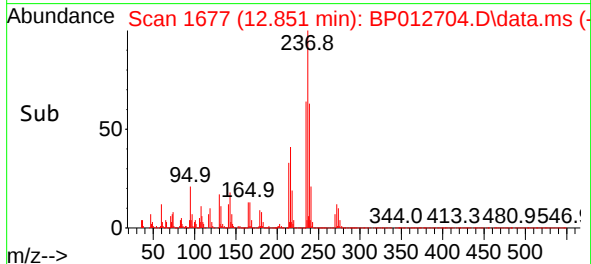
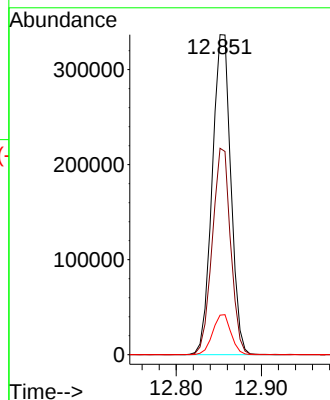
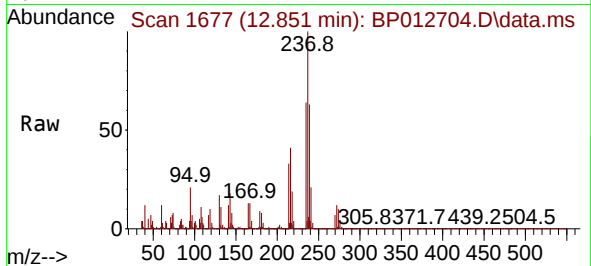




#41  
Hexachlorocyclopentadiene  
Concen: 37.819 ng  
RT: 12.851 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

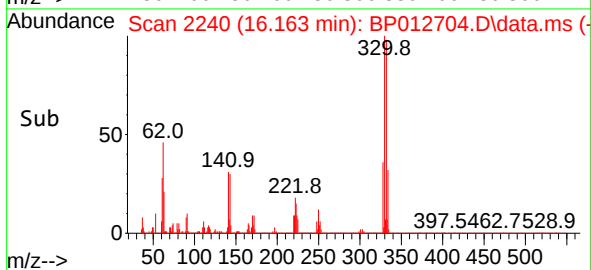
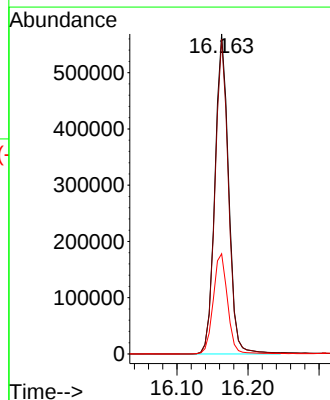
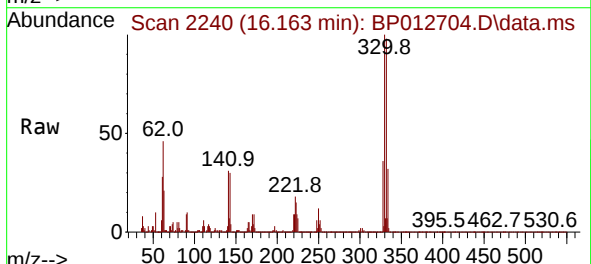
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BNA\_P  
ClientSampleId :  
SSTDCCC040

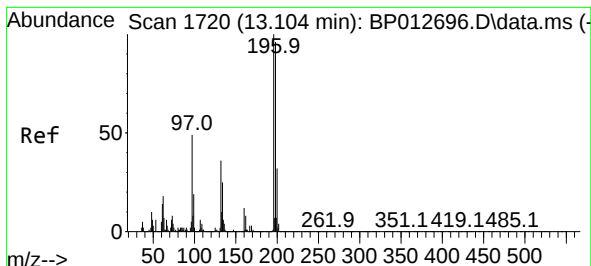
Tgt Ion:237 Resp: 512590  
Ion Ratio Lower Upper  
237 100  
235 64.5 44.4 84.4  
272 12.4 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 72.131 ng  
RT: 16.163 min Scan# 2240  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:330 Resp: 761242  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 32.9 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 34.468 ng

RT: 13.104 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

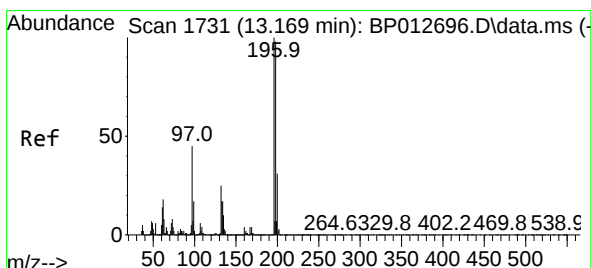
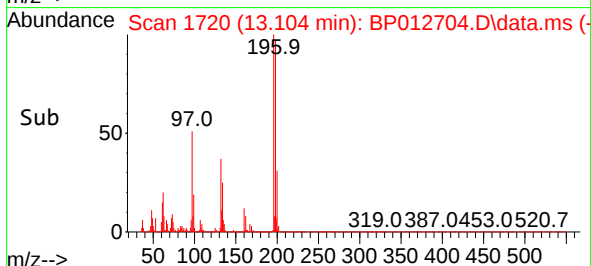
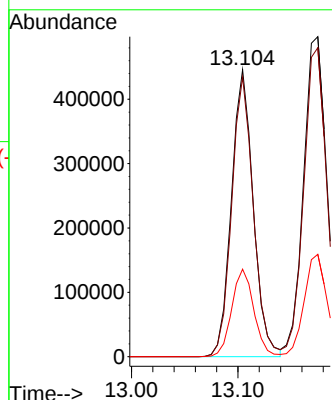
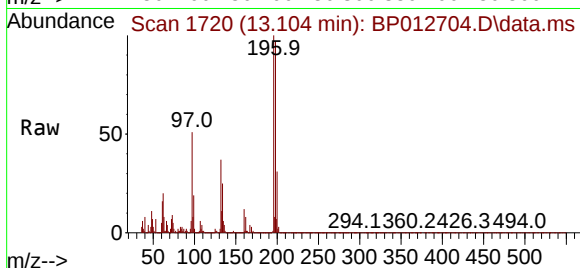
Tgt Ion:196 Resp: 634566

Ion Ratio Lower Upper

196 100

198 97.4 76.6 115.0

200 30.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 41.639 ng

RT: 13.175 min Scan# 1732

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Tgt Ion:196 Resp: 767976

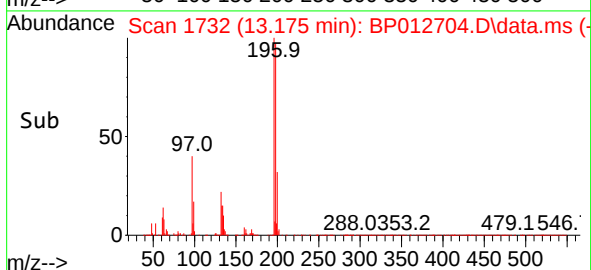
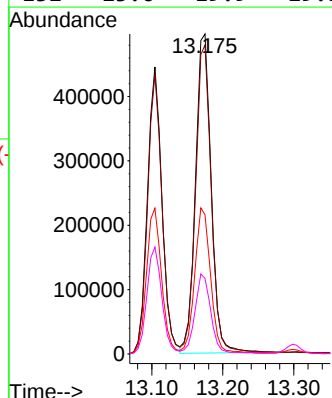
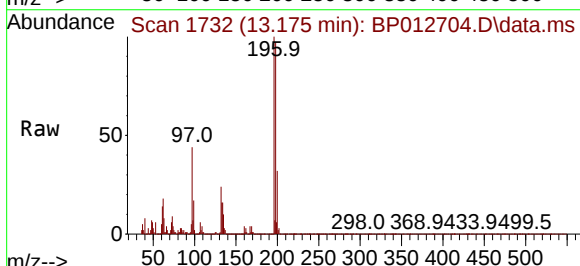
Ion Ratio Lower Upper

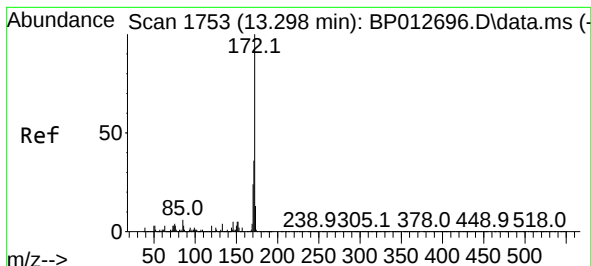
196 100

198 96.5 78.6 117.8

97 43.5 35.8 53.8

132 23.6 19.9 29.9

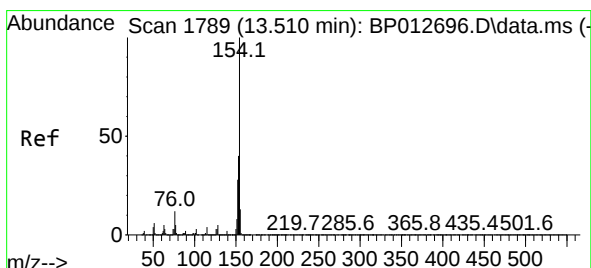
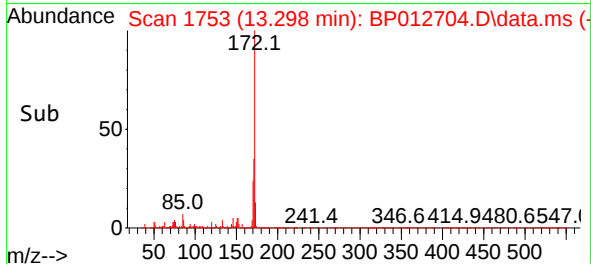
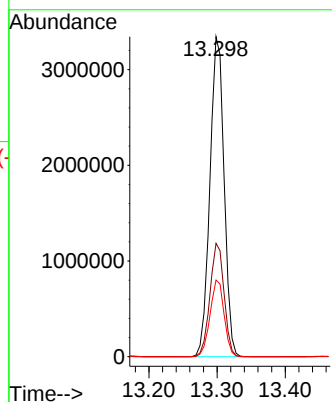
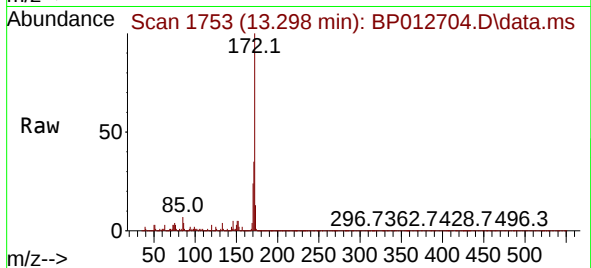




#45  
2-Fluorobiphenyl  
Concen: 77.050 ng  
RT: 13.298 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

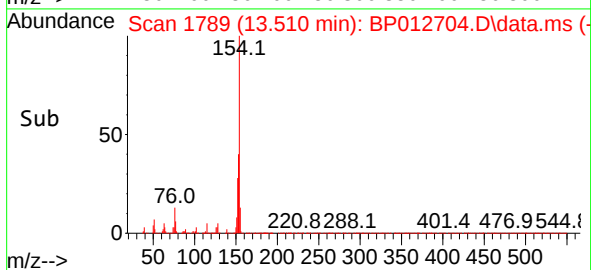
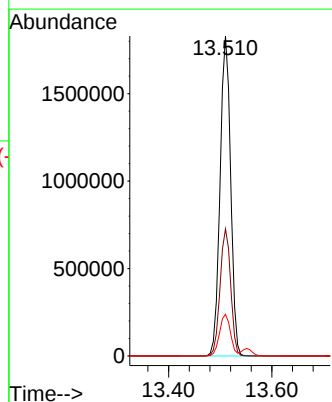
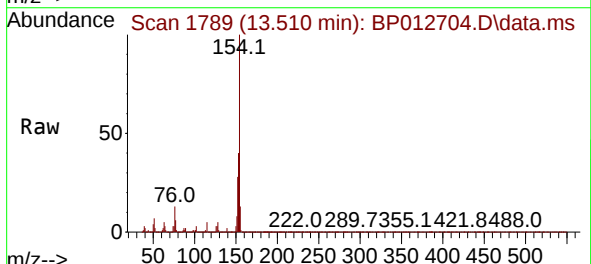
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

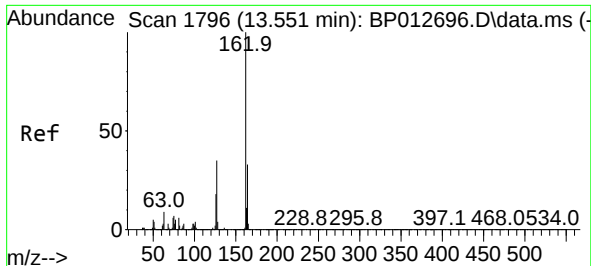
Tgt Ion:172 Resp: 4841850  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.4 42.6  
170 24.0 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 38.214 ng  
RT: 13.510 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:154 Resp: 2588094  
Ion Ratio Lower Upper  
154 100  
153 39.7 20.4 60.4  
76 13.0 0.0 32.5

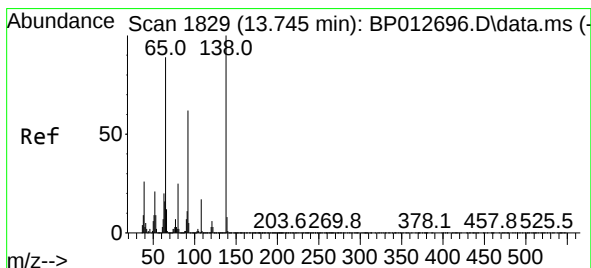
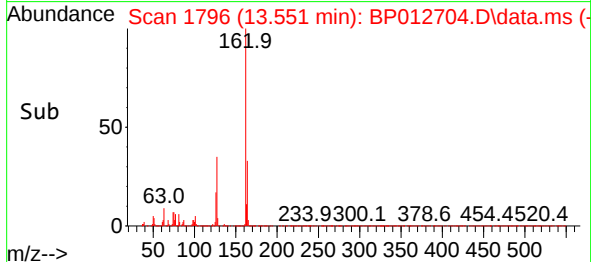
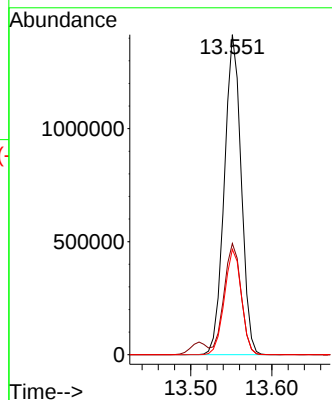
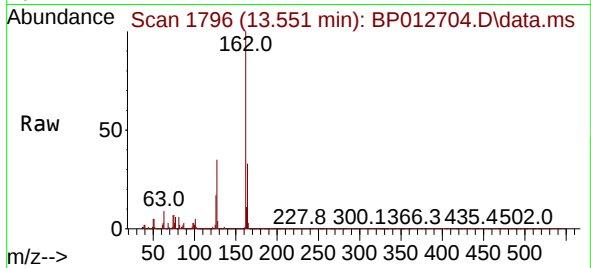




#47  
2-Chloronaphthalene  
Concen: 38.175 ng  
RT: 13.551 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

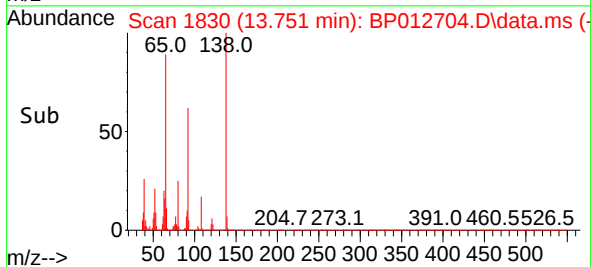
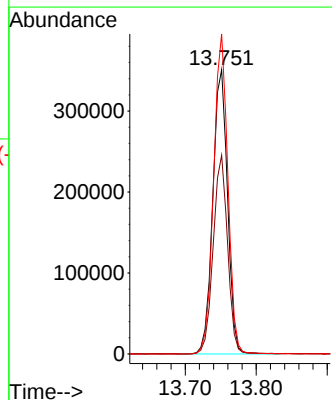
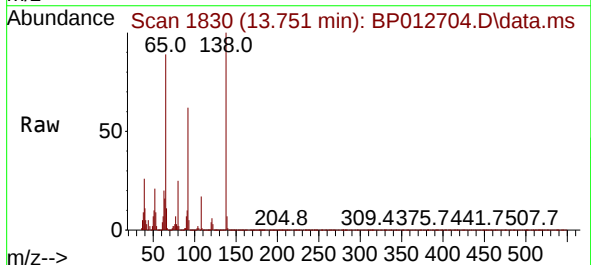
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

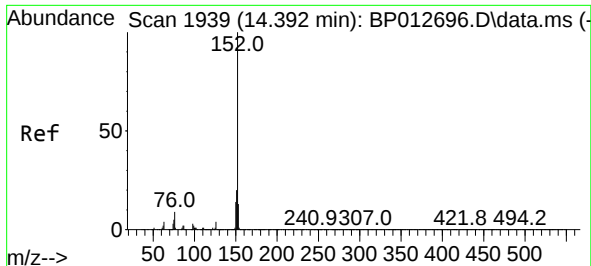
Tgt Ion:162 Resp: 2047375  
Ion Ratio Lower Upper  
162 100  
127 34.8 28.2 42.2  
164 32.9 26.2 39.2



#48  
2-Nitroaniline  
Concen: 37.398 ng  
RT: 13.751 min Scan# 1830  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion: 65 Resp: 505683  
Ion Ratio Lower Upper  
65 100  
92 69.9 55.4 83.2  
138 112.6 89.5 134.3

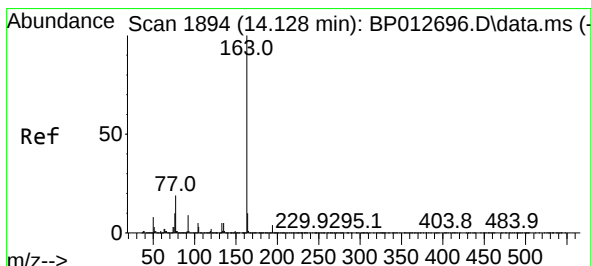
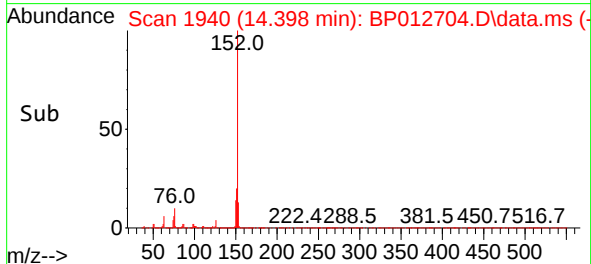
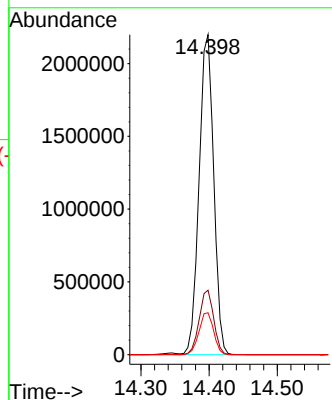
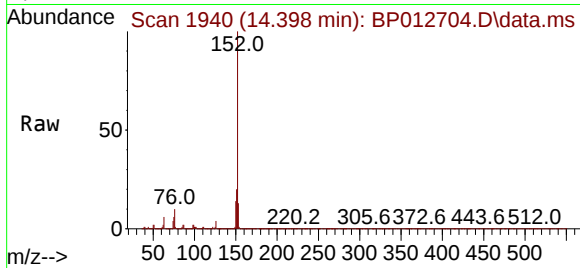




#49  
Acenaphthylene  
Concen: 38.300 ng  
RT: 14.398 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

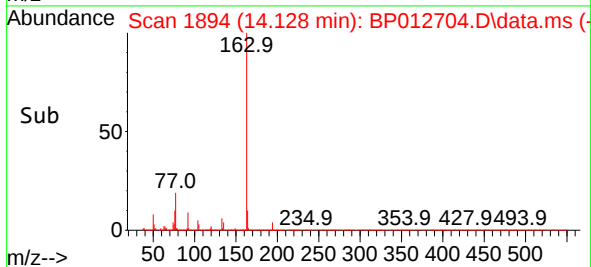
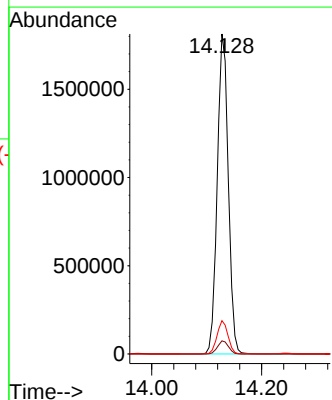
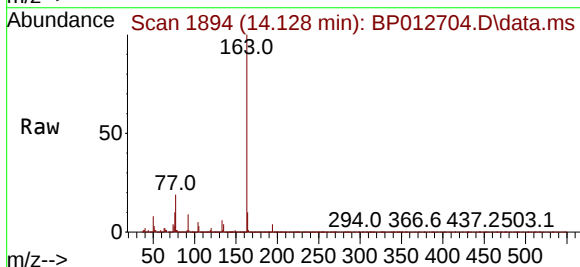
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

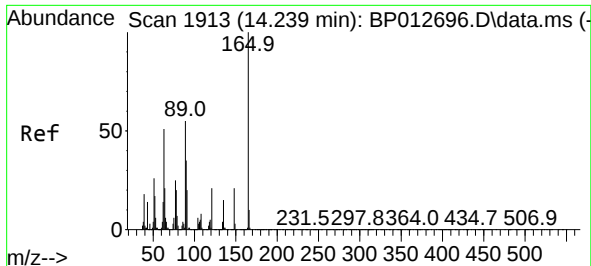
Tgt Ion:152 Resp: 3261997  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.1 10.7 16.1



#50  
Dimethylphthalate  
Concen: 38.319 ng  
RT: 14.128 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:163 Resp: 2524264  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.4 8.3 12.5

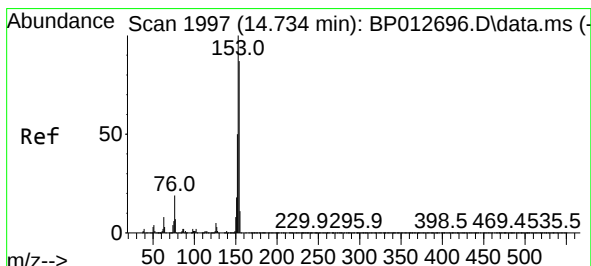
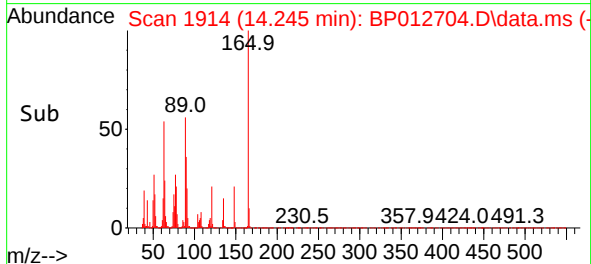
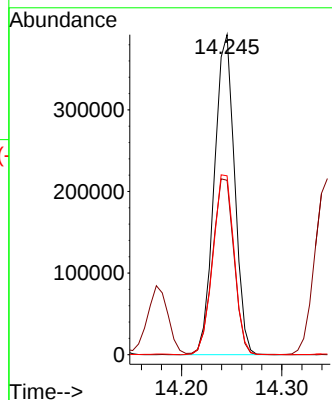
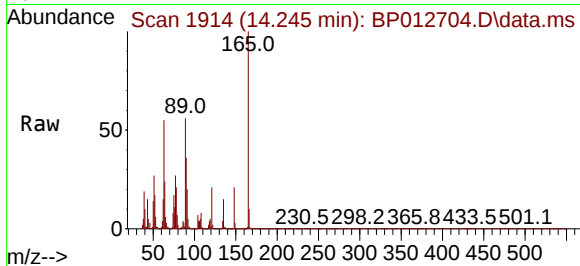




#51  
2,6-Dinitrotoluene  
Concen: 39.712 ng  
RT: 14.245 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

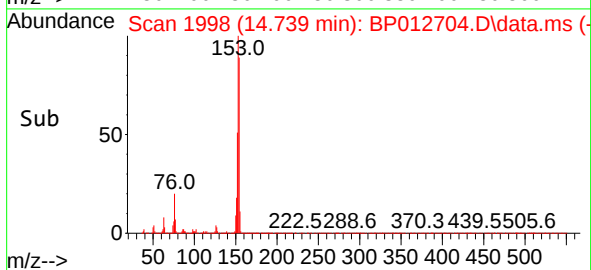
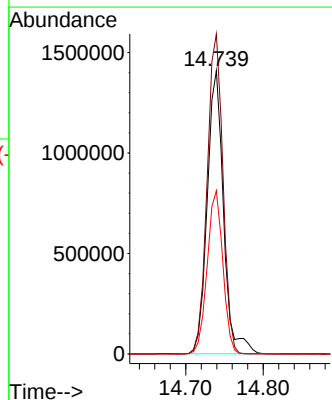
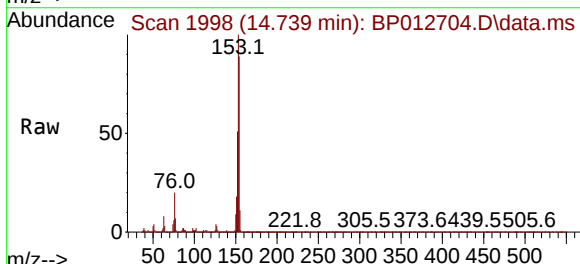
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

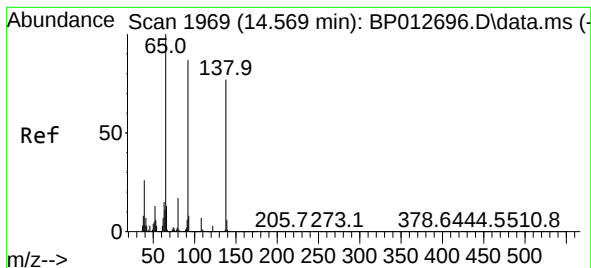
Tgt Ion:165 Resp: 549785  
Ion Ratio Lower Upper  
165 100  
63 54.5 43.0 64.4  
89 55.9 44.4 66.6



#52  
Acenaphthene  
Concen: 38.136 ng  
RT: 14.739 min Scan# 1998  
Delta R.T. 0.005 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:154 Resp: 2058427  
Ion Ratio Lower Upper  
154 100  
153 112.9 91.7 137.5  
152 57.6 45.7 68.5

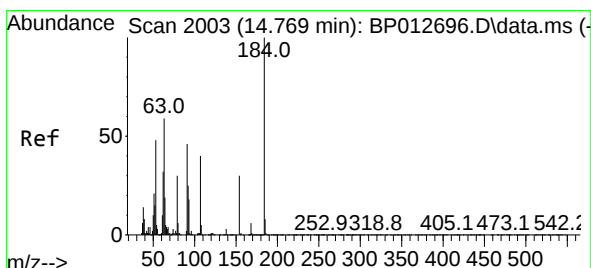
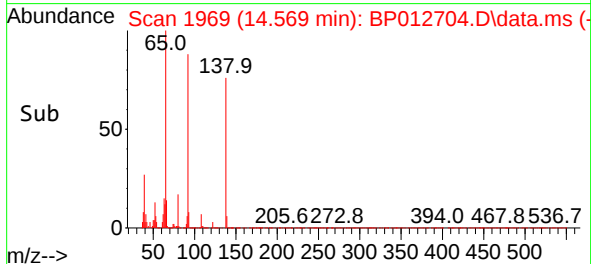
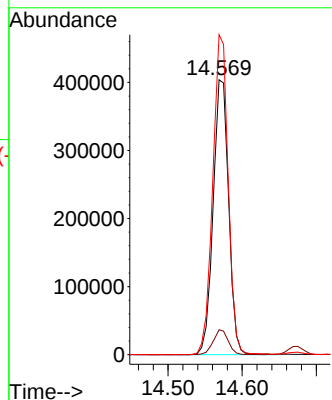
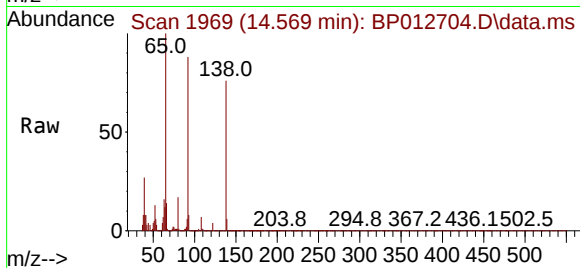




#53  
3-Nitroaniline  
Concen: 37.621 ng  
RT: 14.569 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

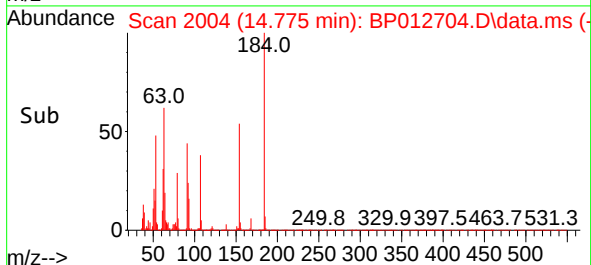
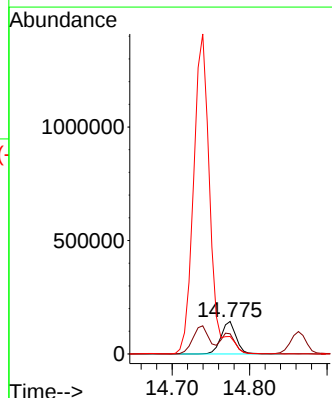
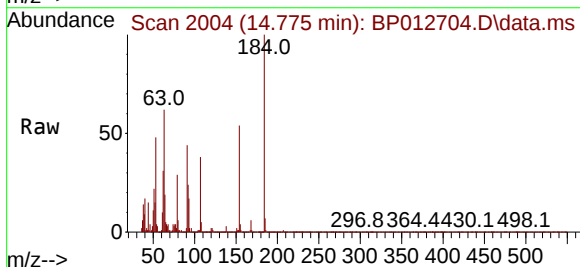
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BNA\_P  
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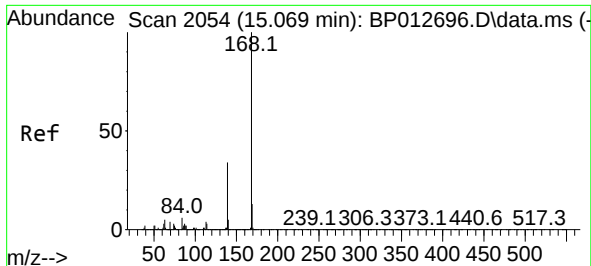
Tgt Ion:138 Resp: 586435  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.4 11.2  
92 116.4 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 37.086 ng  
RT: 14.775 min Scan# 2004  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:184 Resp: 193611  
Ion Ratio Lower Upper  
184 100  
63 61.8 50.0 75.0  
154 53.8 45.5 68.3

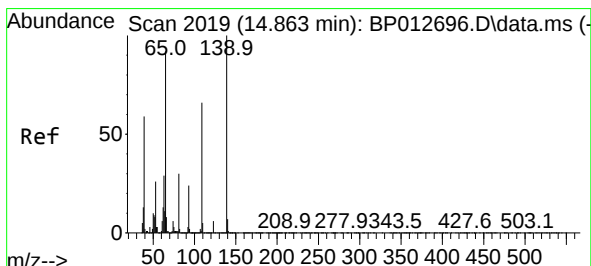
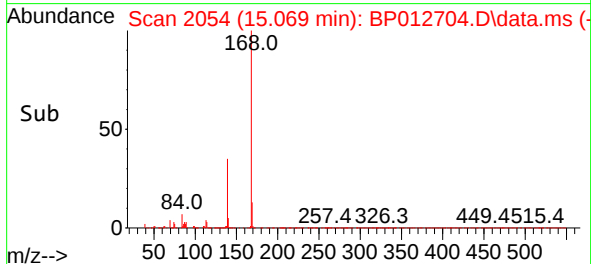
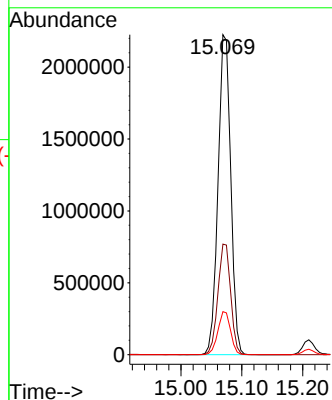
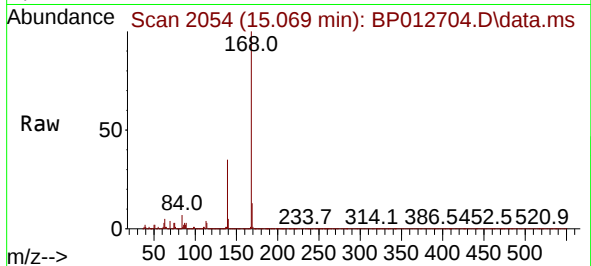




#55  
Dibenzofuran  
Concen: 38.218 ng  
RT: 15.069 min Scan# 2054  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

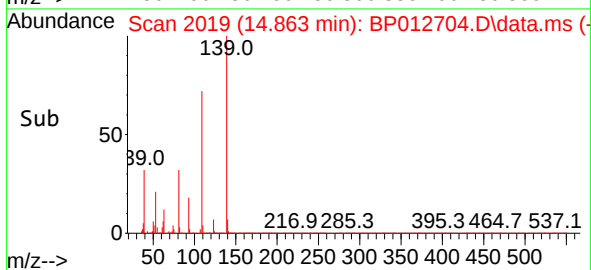
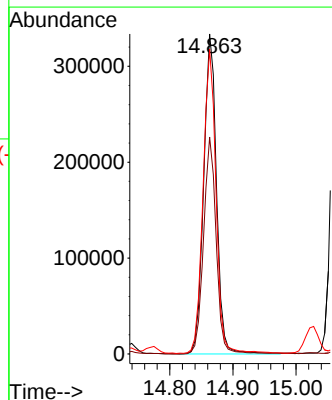
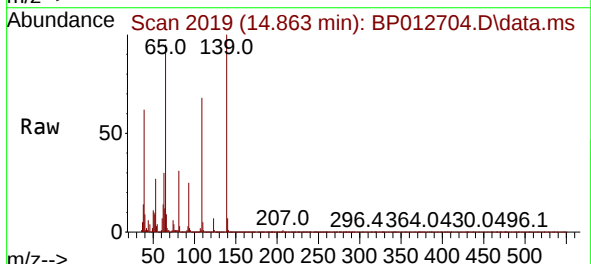
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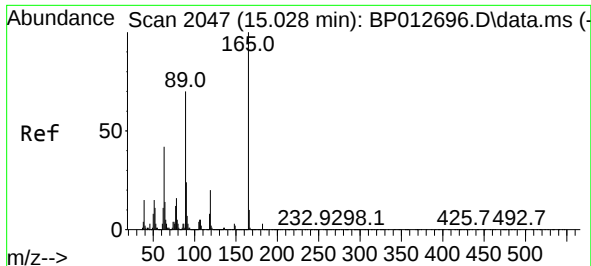
Tgt Ion:168 Resp: 3208510  
Ion Ratio Lower Upper  
168 100  
139 34.6 27.5 41.3  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 37.652 ng  
RT: 14.863 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:139 Resp: 471009  
Ion Ratio Lower Upper  
139 100  
109 67.8 46.1 86.1  
65 95.3 72.5 112.5

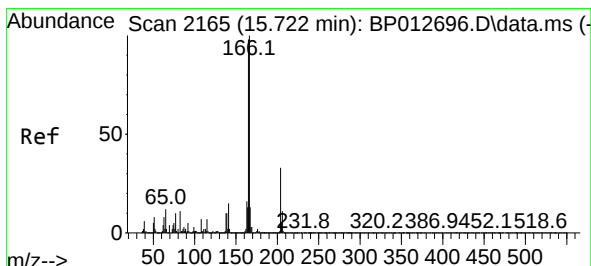
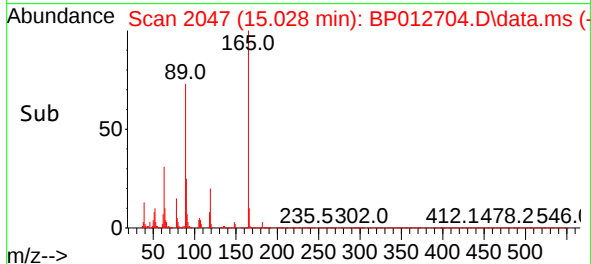
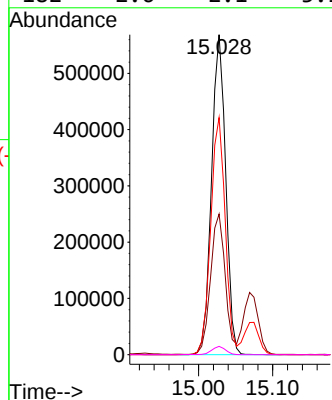
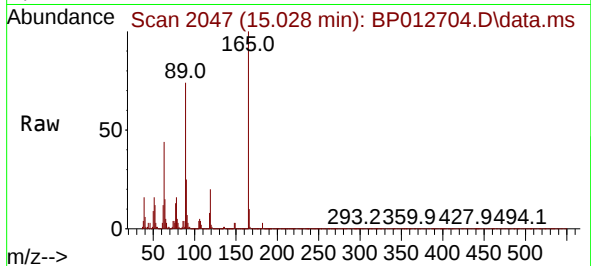




#57  
2,4-Dinitrotoluene  
Concen: 37.470 ng  
RT: 15.028 min Scan# 2047  
Delta R.T. -0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

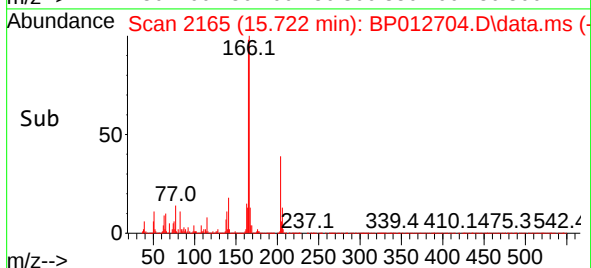
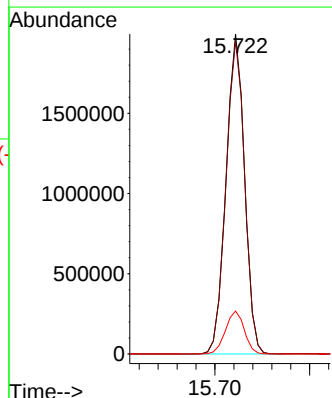
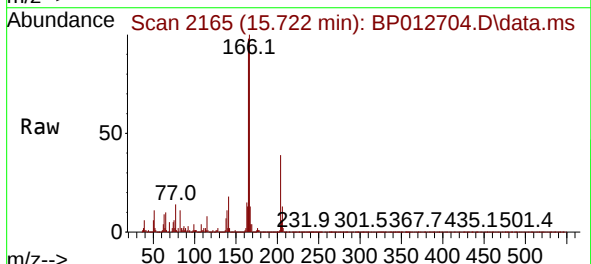
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

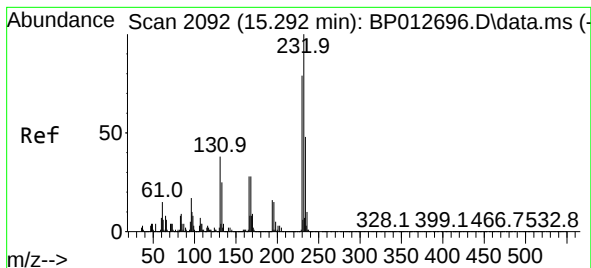
Tgt Ion:165 Resp: 753264  
Ion Ratio Lower Upper  
165 100  
63 44.0 33.7 50.5  
89 74.1 56.3 84.5  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 39.312 ng  
RT: 15.722 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:166 Resp: 2713465  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.0 117.0  
167 13.4 10.8 16.2



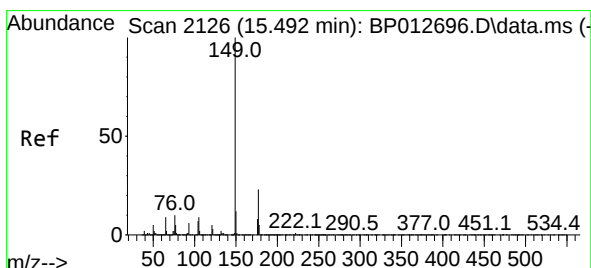
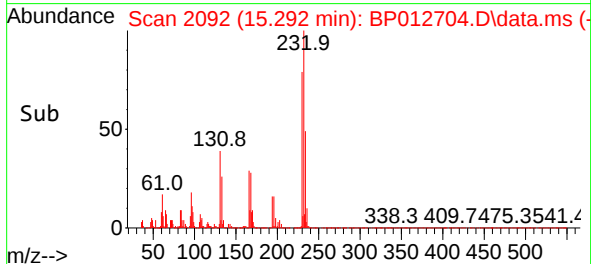
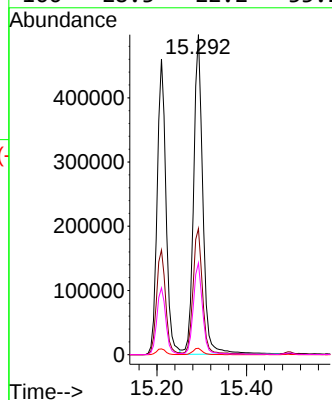
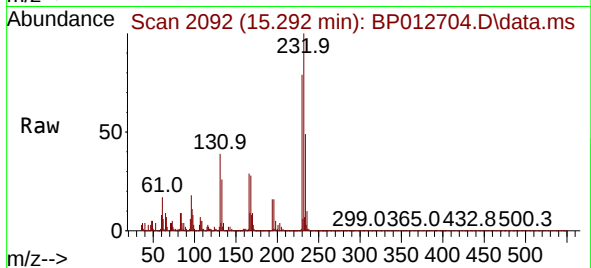


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.250 ng  
RT: 15.292 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 708305

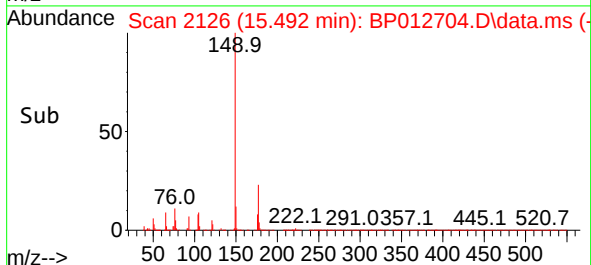
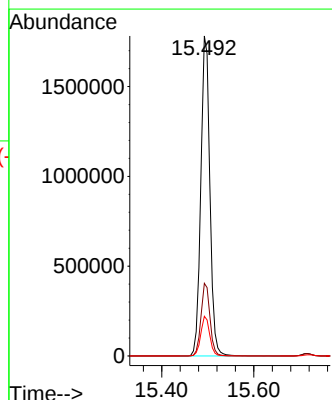
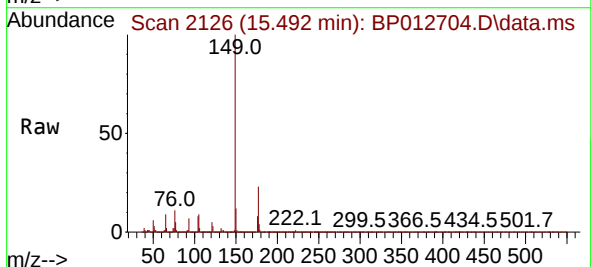
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 40.3  | 32.0  | 48.0  |
| 130 | 2.1   | 1.7   | 2.5   |
| 166 | 28.3  | 22.2  | 33.2  |

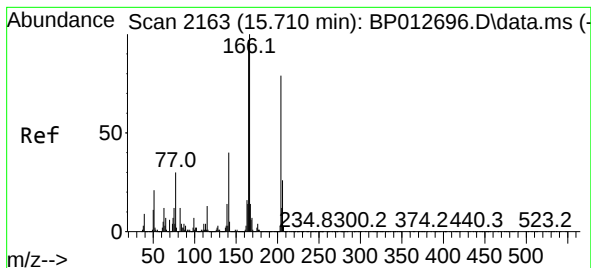


#60  
Diethylphthalate  
Concen: 39.013 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:149 Resp: 2430456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.7  | 18.5  | 27.7  |
| 150 | 12.4  | 9.9   | 14.9  |

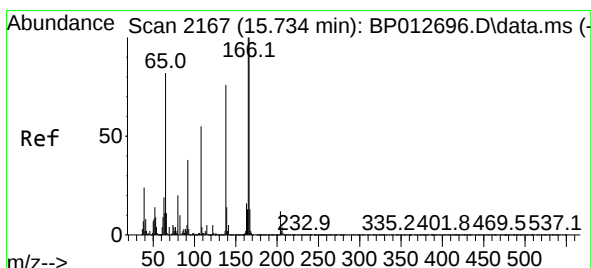
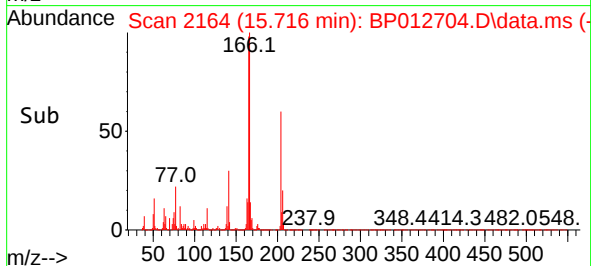
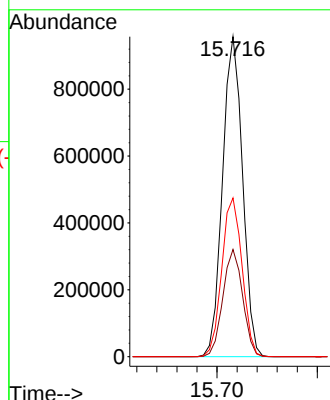
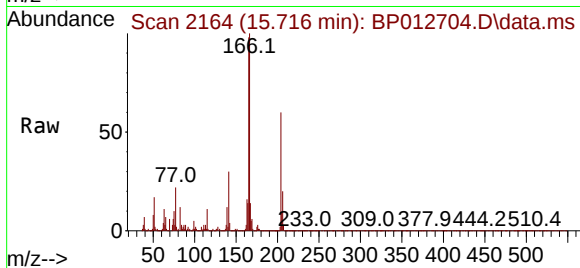




#61  
4-Chlorophenyl-phenylether  
Concen: 38.645 ng  
RT: 15.716 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

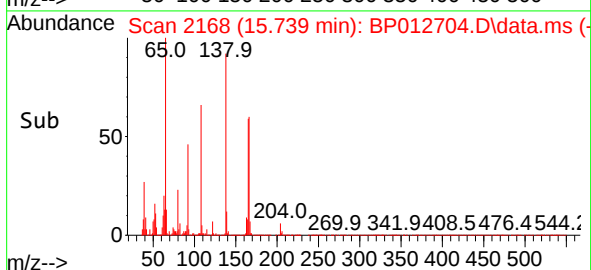
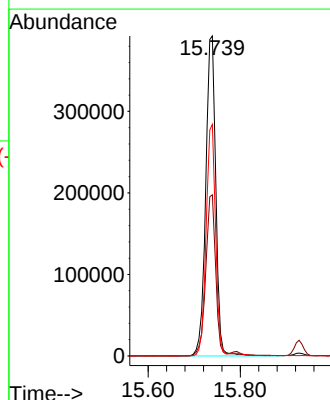
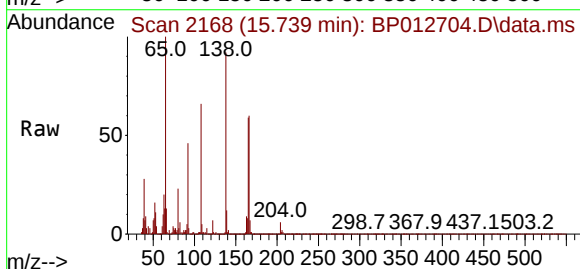
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

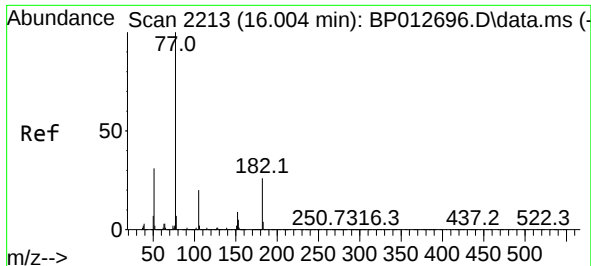
Tgt Ion:204 Resp: 1324295  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.2 39.2  
141 49.6 41.1 61.7



#62  
4-Nitroaniline  
Concen: 38.662 ng  
RT: 15.739 min Scan# 2168  
Delta R.T. 0.005 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:138 Resp: 600700  
Ion Ratio Lower Upper  
138 100  
92 50.4 29.6 69.6  
108 72.3 51.4 91.4



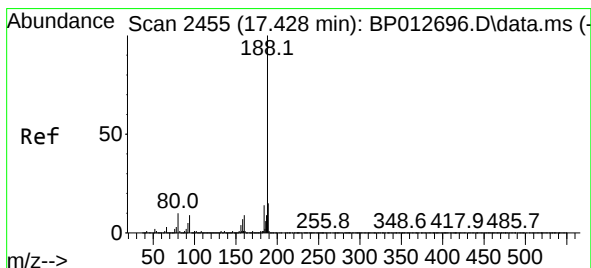
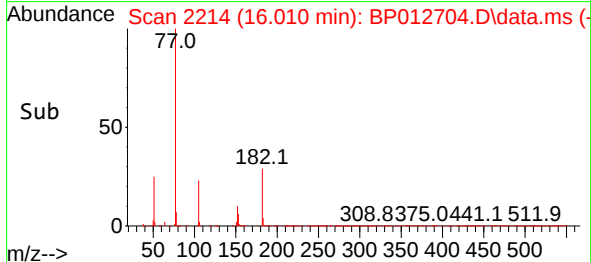
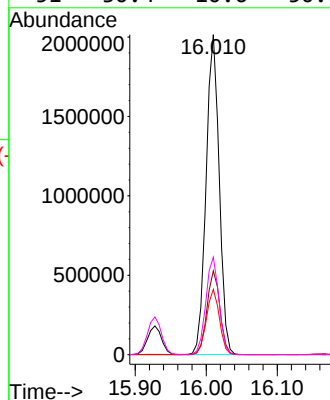
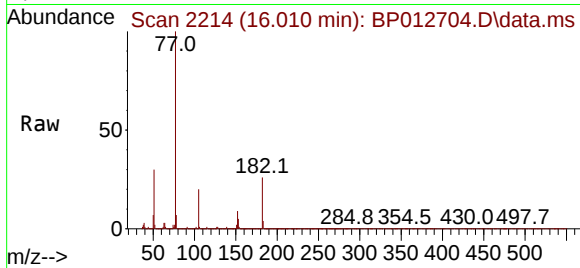


#63  
Azobenzene  
Concen: 39.412 ng  
RT: 16.010 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 2587811

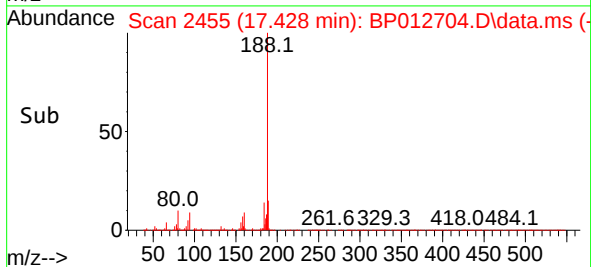
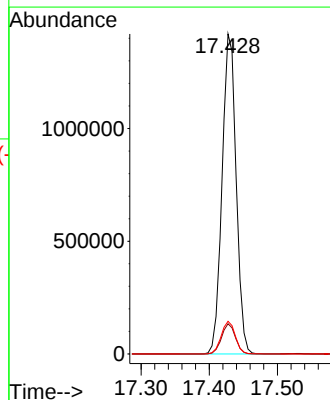
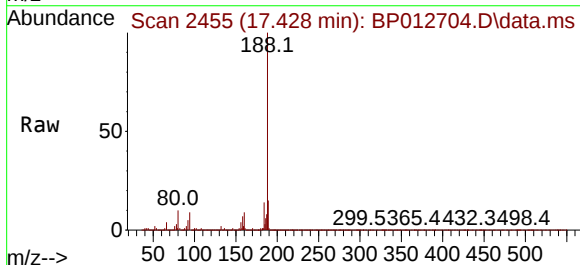
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.2  | 6.1   | 46.1  |
| 105 | 20.4  | 0.4   | 40.4  |
| 51  | 30.4  | 10.6  | 50.6  |

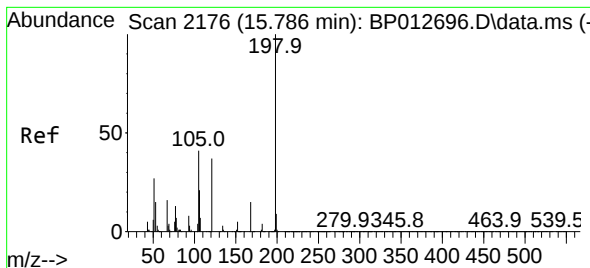


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.428 min Scan# 2455  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:188 Resp: 2035811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.5   | 7.0   | 10.6  |
| 80  | 10.2  | 7.8   | 11.6  |

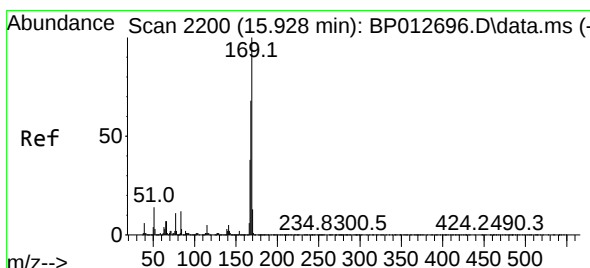
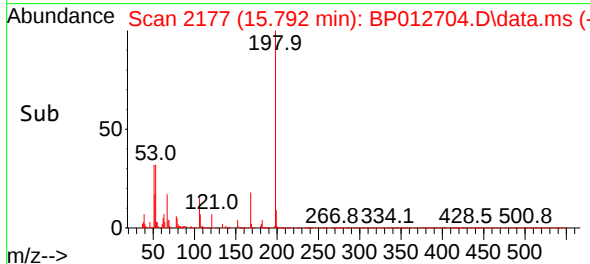
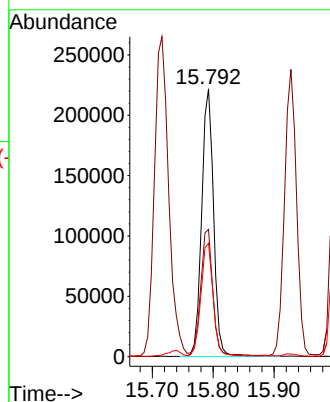
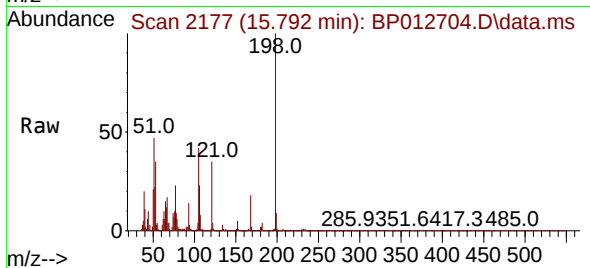




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.972 ng  
RT: 15.792 min Scan# 2177  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

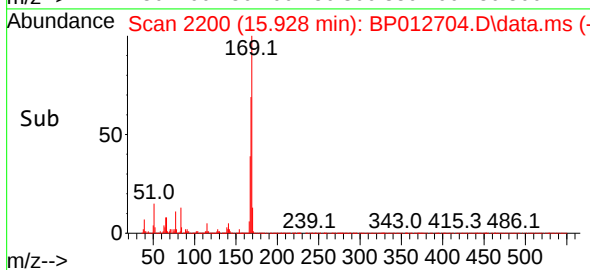
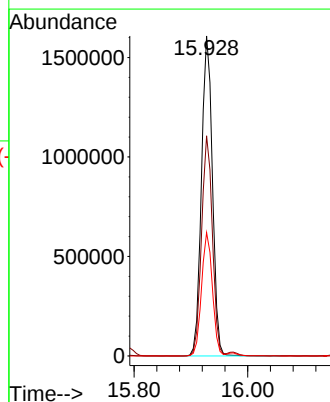
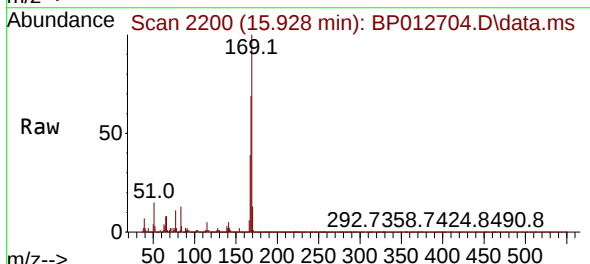
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

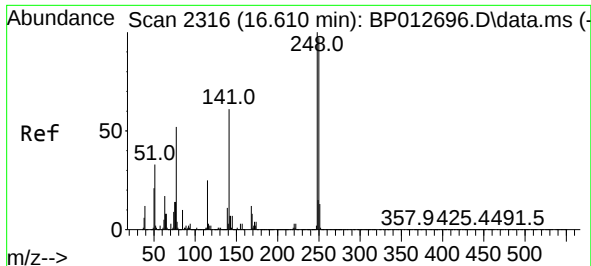
Tgt Ion:198 Resp: 299450  
Ion Ratio Lower Upper  
198 100  
51 47.5 25.7 65.7  
105 42.3 22.8 62.8



#66  
n-Nitrosodiphenylamine  
Concen: 37.945 ng  
RT: 15.928 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:169 Resp: 2159022  
Ion Ratio Lower Upper  
169 100  
168 68.8 54.2 81.2  
167 38.6 30.4 45.6

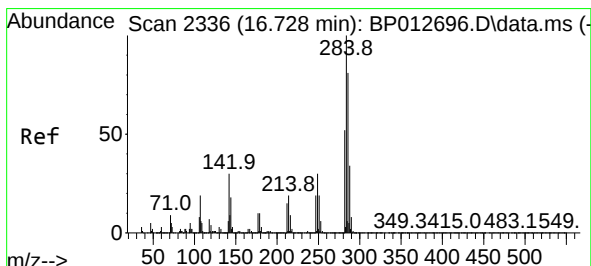
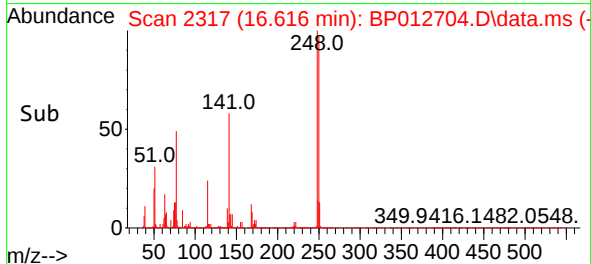
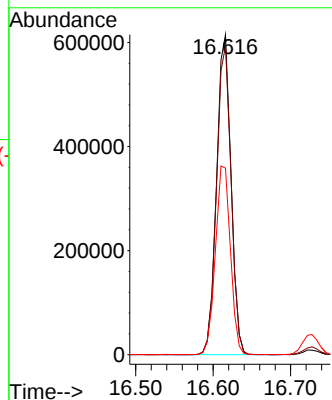
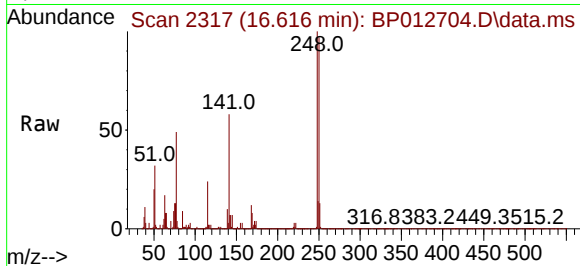




#67  
4-Bromophenyl-phenylether  
Concen: 38.151 ng  
RT: 16.616 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

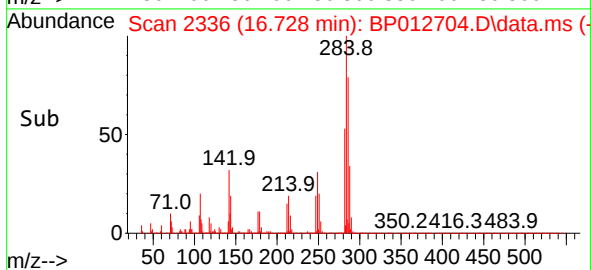
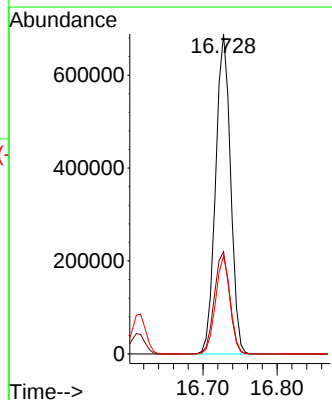
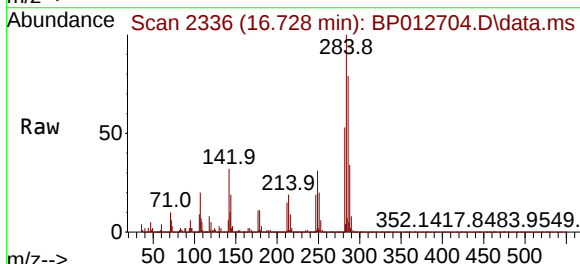
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

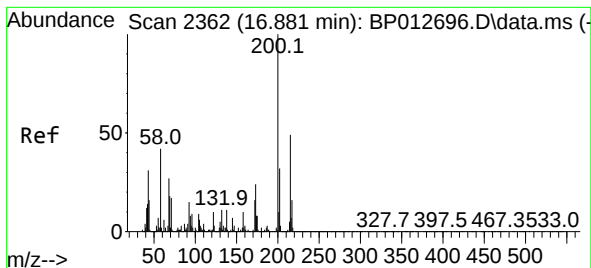
Tgt Ion:248 Resp: 794405  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.6 116.4  
141 58.3 48.6 72.8



#68  
Hexachlorobenzene  
Concen: 37.399 ng  
RT: 16.728 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:284 Resp: 962242  
Ion Ratio Lower Upper  
284 100  
142 31.9 24.0 36.0  
249 30.6 24.3 36.5





#69

Atrazine

Concen: 35.895 ng

RT: 16.881 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

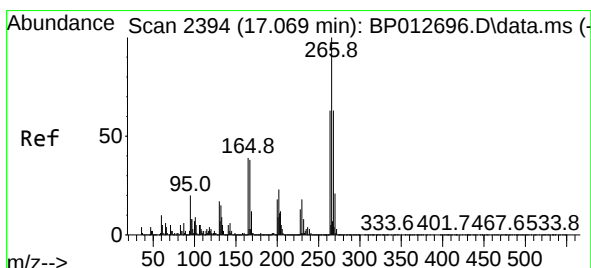
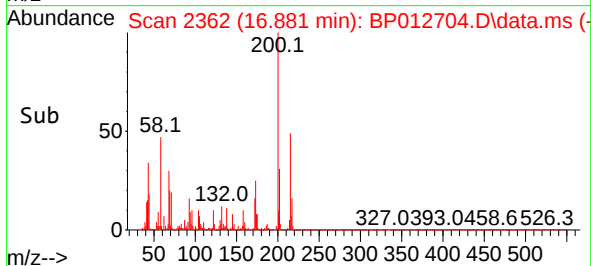
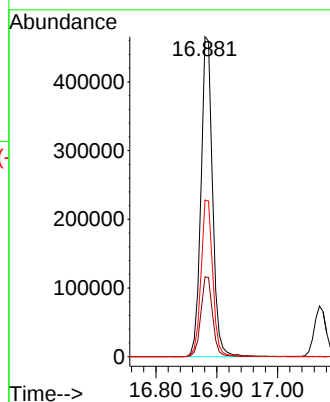
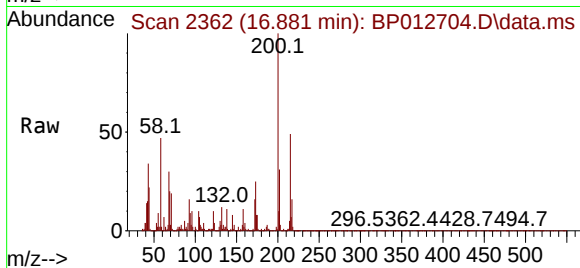
Tgt Ion:200 Resp: 616517

Ion Ratio Lower Upper

200 100

173 25.0 4.3 44.3

215 49.0 29.5 69.5



#70

Pentachlorophenol

Concen: 38.127 ng

RT: 17.069 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

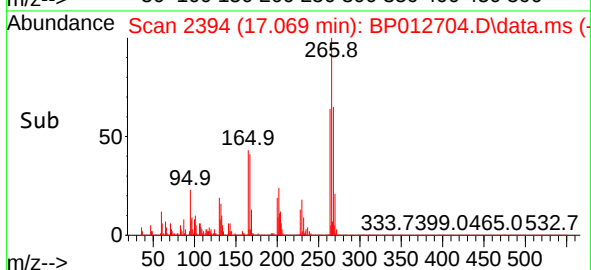
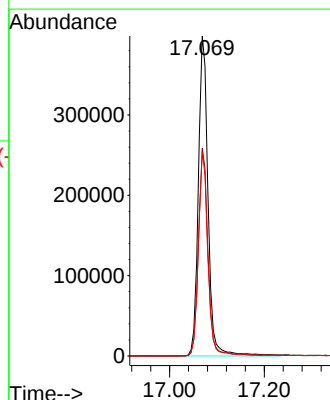
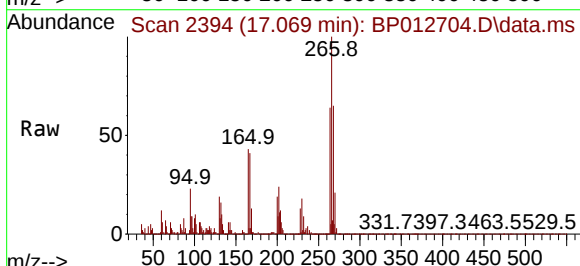
Tgt Ion:266 Resp: 567248

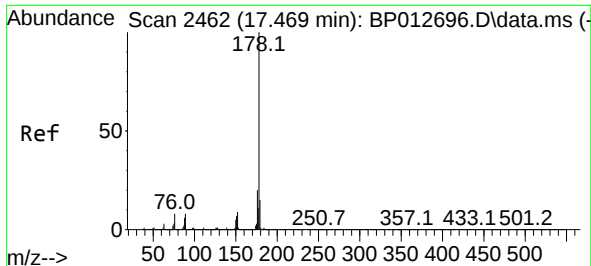
Ion Ratio Lower Upper

266 100

268 64.9 50.5 75.7

264 63.8 50.2 75.2

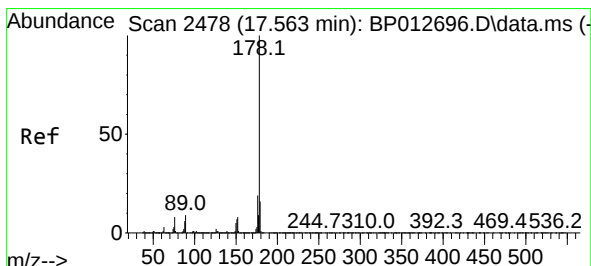
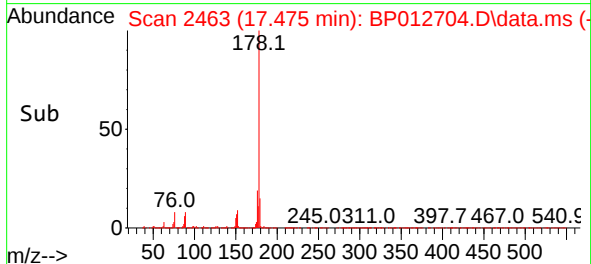
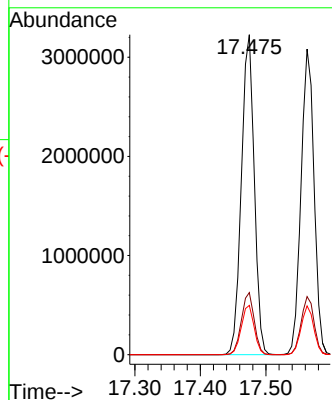
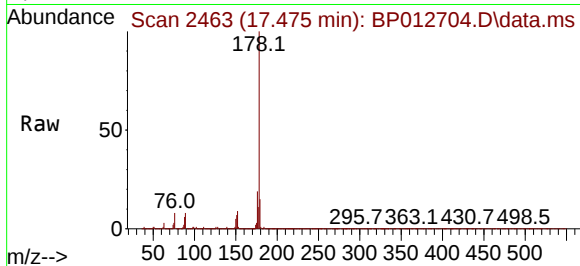




#71  
Phenanthrene  
Concen: 38.393 ng  
RT: 17.475 min Scan# 2463  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

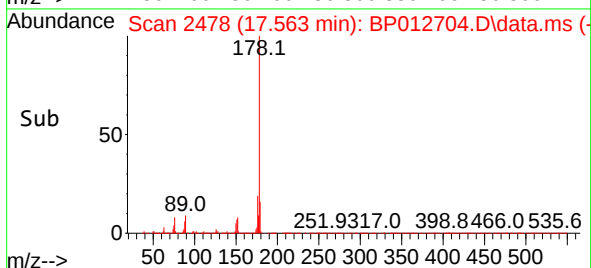
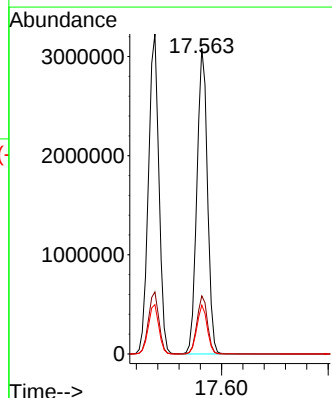
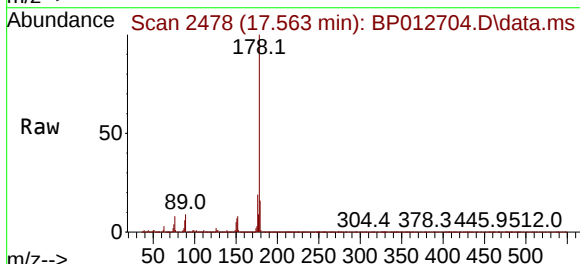
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

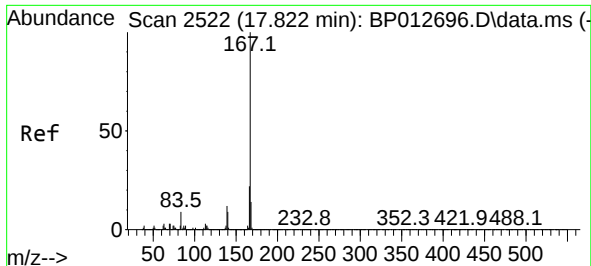
Tgt Ion:178 Resp: 4421263  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.6  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 38.749 ng  
RT: 17.563 min Scan# 2478  
Delta R.T. 0.000 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:178 Resp: 4240047  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 16.0 12.6 19.0

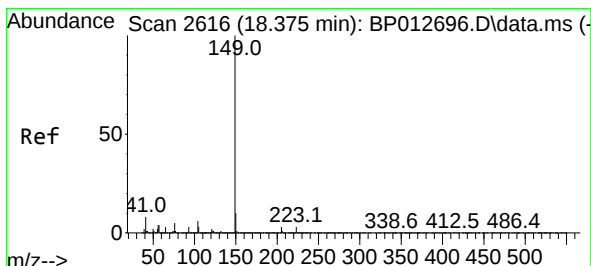
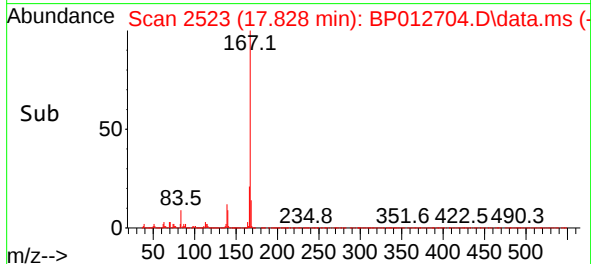
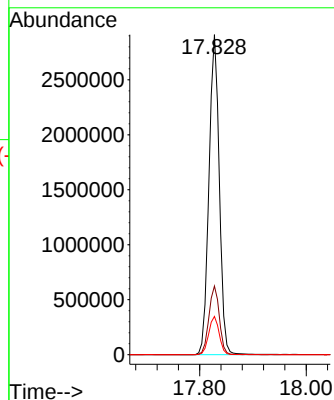
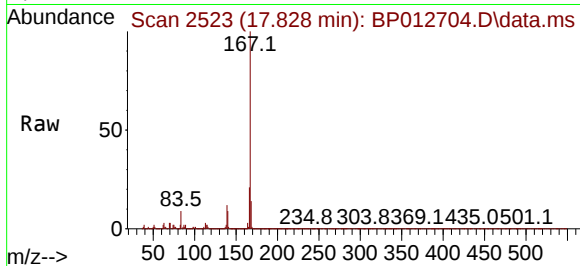




#73  
 Carbazole  
 Concen: 39.529 ng  
 RT: 17.828 min Scan# 2523  
 Delta R.T. 0.006 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

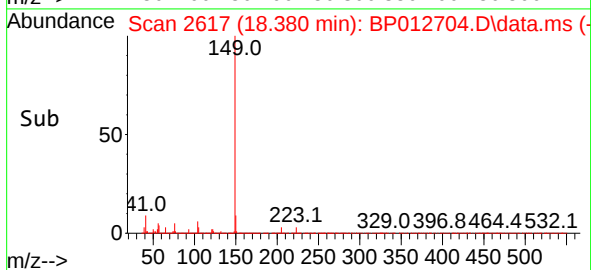
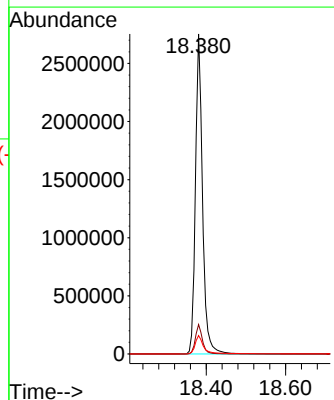
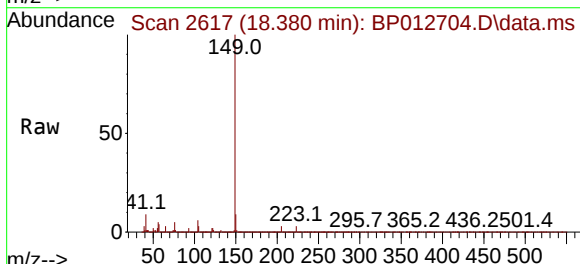
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

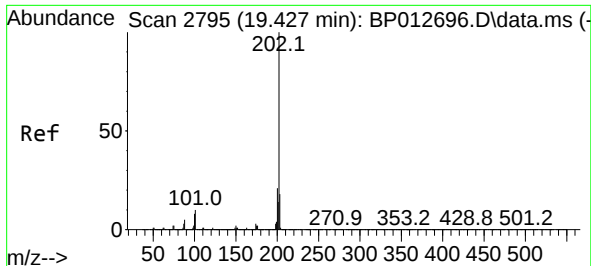
Tgt Ion:167 Resp: 3907827  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.2  
 139 11.9 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 34.168 ng  
 RT: 18.380 min Scan# 2617  
 Delta R.T. 0.005 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

Tgt Ion:149 Resp: 3412593  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 5.8 4.6 6.8

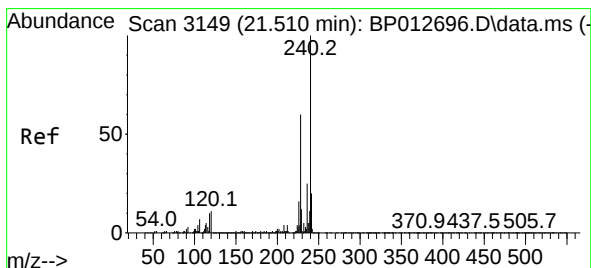
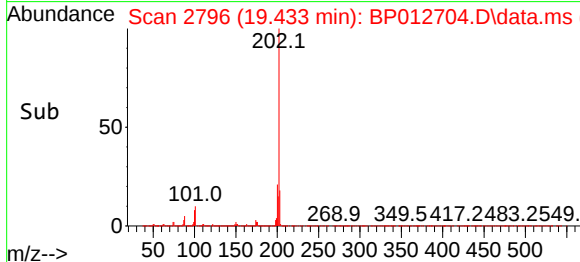
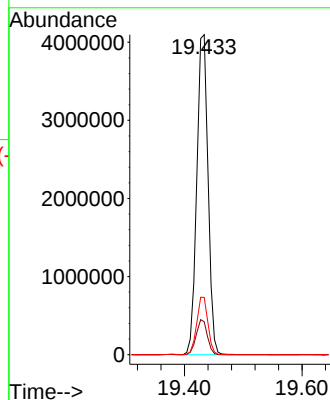
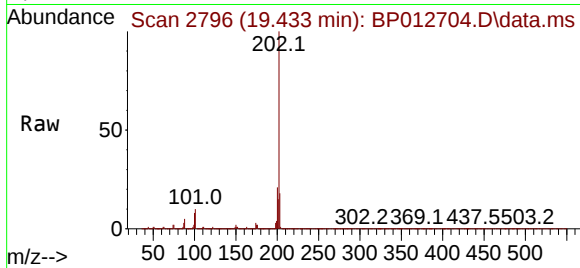




#75  
Fluoranthene  
Concen: 39.999 ng  
RT: 19.433 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

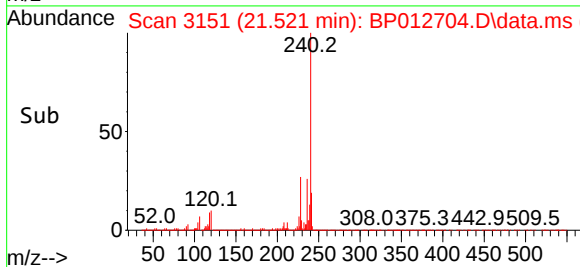
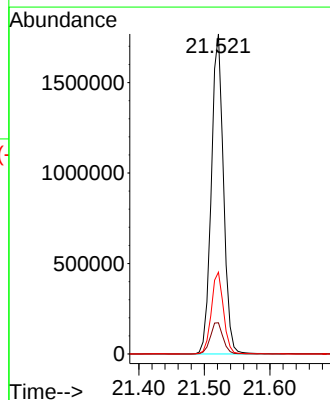
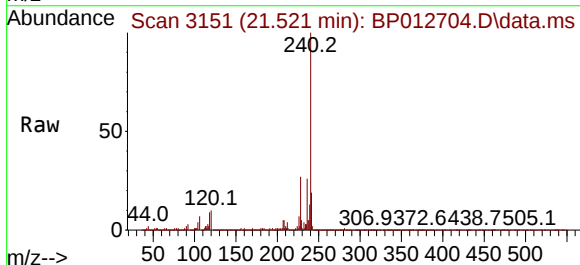
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

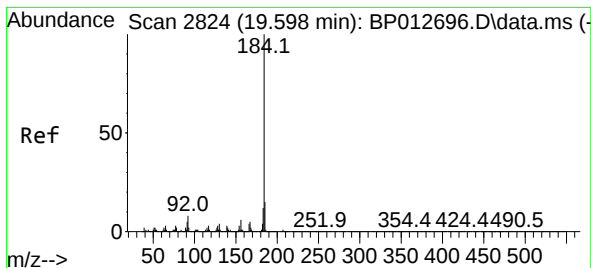
Tgt Ion:202 Resp: 5434158  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.3  
203 17.9 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.521 min Scan# 3151  
Delta R.T. 0.011 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:240 Resp: 2279727  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.6 12.8  
236 25.5 20.4 30.6





#77

Benzidine

Concen: 35.581 ng

RT: 19.604 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

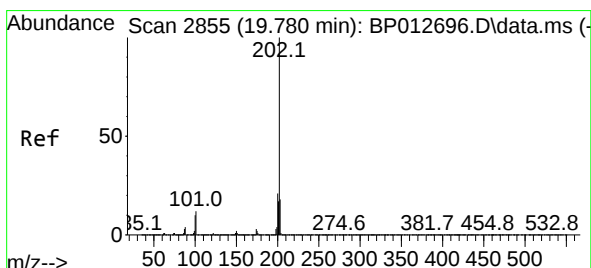
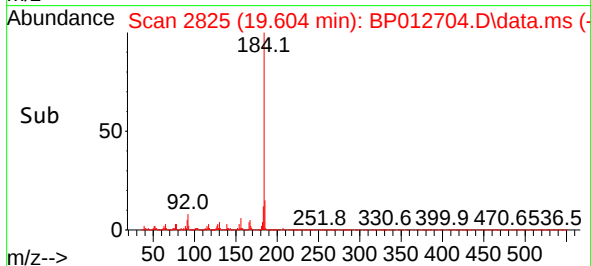
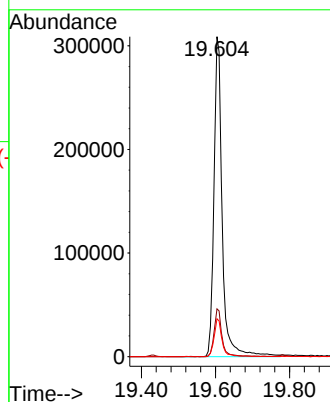
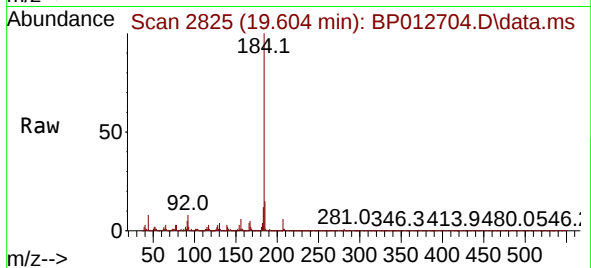
Tgt Ion:184 Resp: 477973

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 11.9 9.4 14.2



#78

Pyrene

Concen: 37.592 ng

RT: 19.786 min Scan# 2856

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

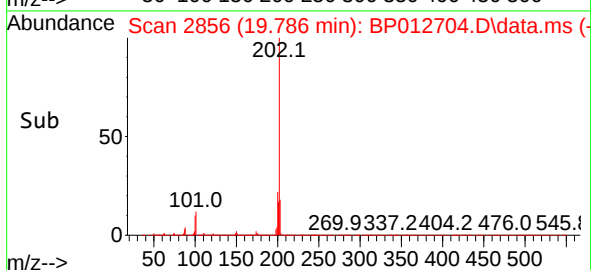
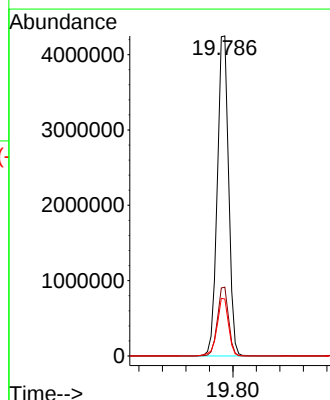
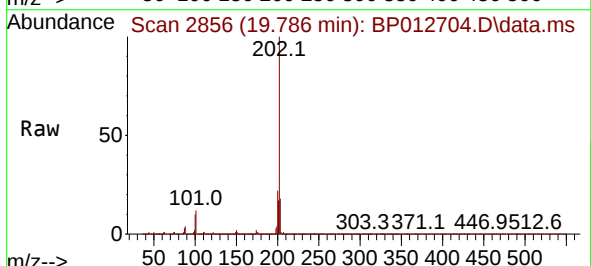
Tgt Ion:202 Resp: 5658035

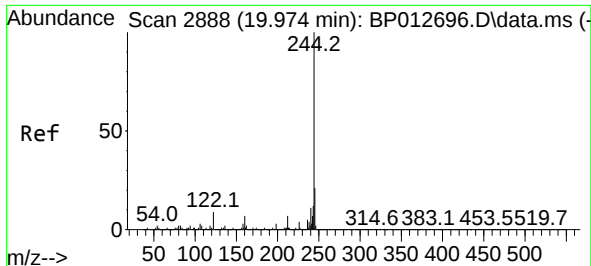
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.8 14.2 21.4

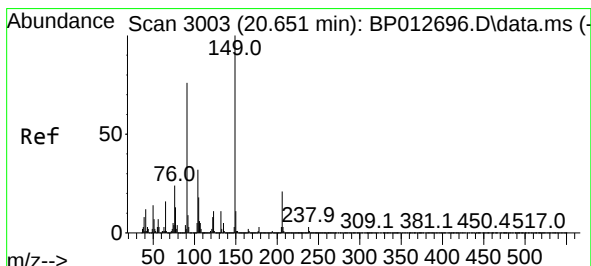
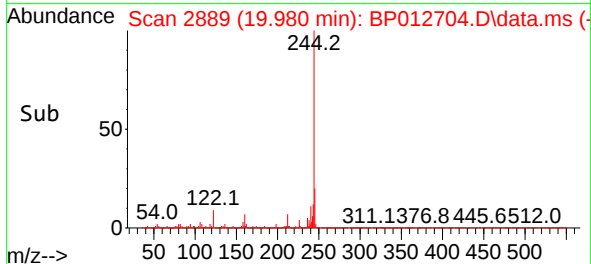
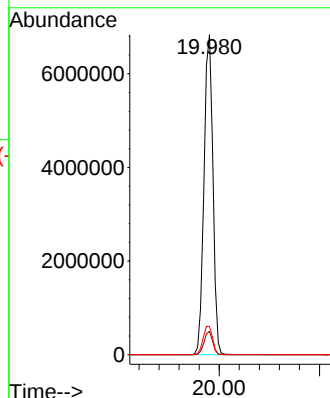
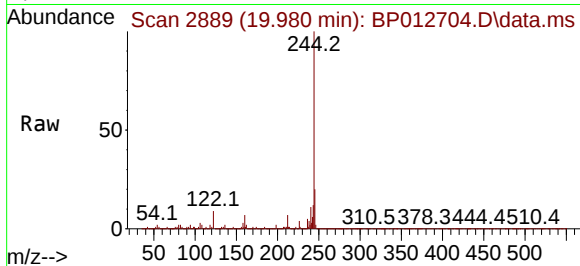




#79  
 Terphenyl-d14  
 Concen: 78.645 ng  
 RT: 19.980 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

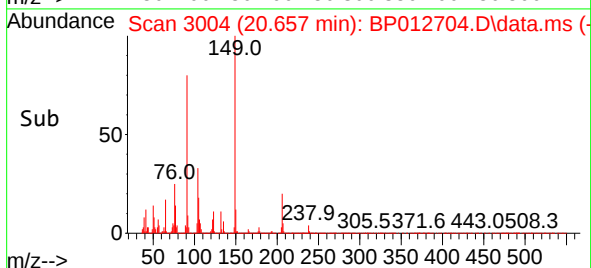
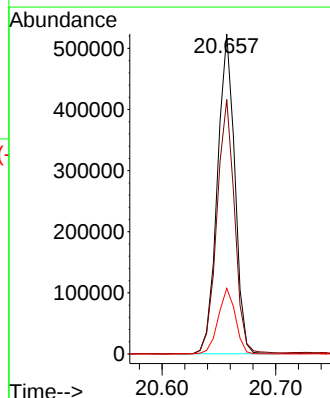
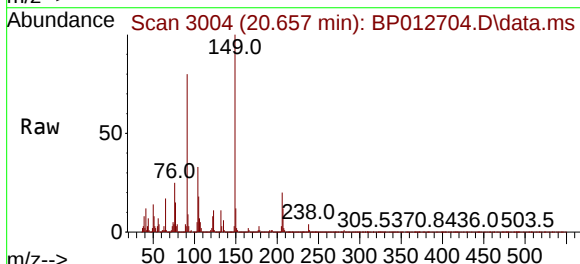
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

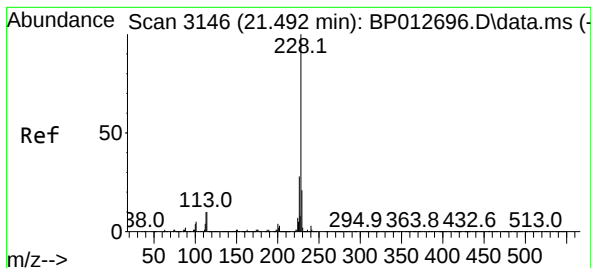
Tgt Ion:244 Resp: 8435639  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 8.9 6.9 10.3



#80  
 Butylbenzylphthalate  
 Concen: 37.397 ng  
 RT: 20.657 min Scan# 3004  
 Delta R.T. 0.006 min  
 Lab File: BP012704.D  
 Acq: 23 Nov 2022 09:55

Tgt Ion:149 Resp: 556165  
 Ion Ratio Lower Upper  
 149 100  
 91 79.5 61.1 91.7  
 206 20.5 16.5 24.7





#81

Benzo(a)anthracene

Concen: 38.541 ng

RT: 21.504 min Scan# 3146

Delta R.T. 0.012 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

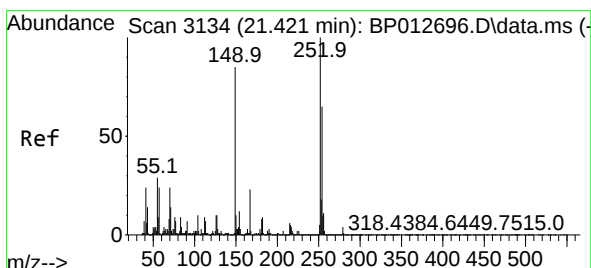
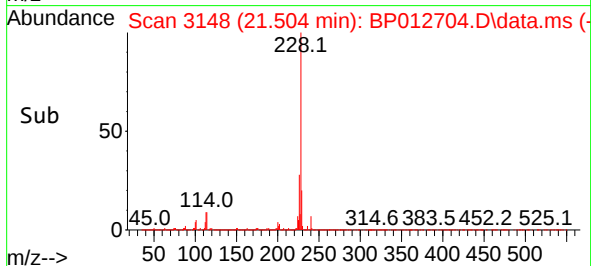
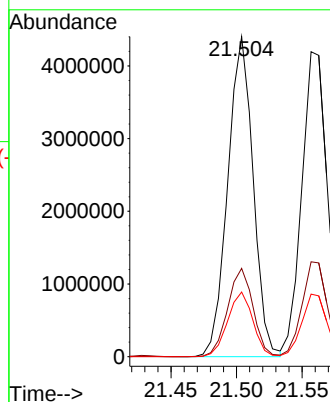
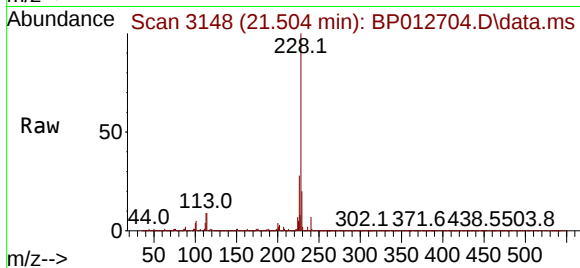
Tgt Ion:228 Resp: 5938038

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

229 20.2 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 35.537 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

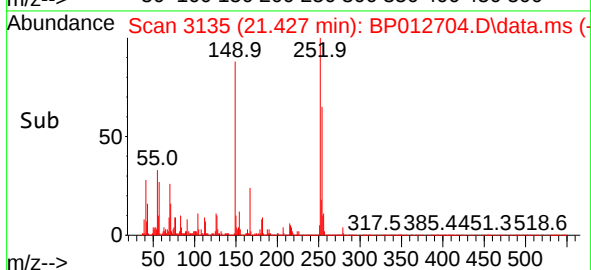
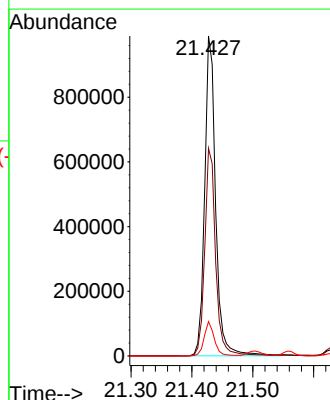
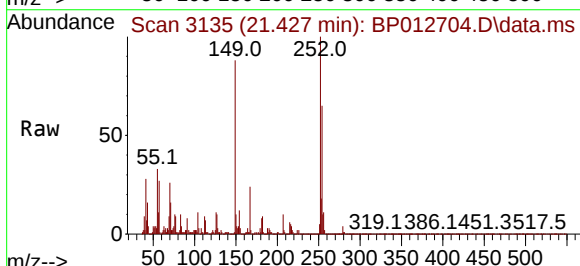
Tgt Ion:252 Resp: 1239710

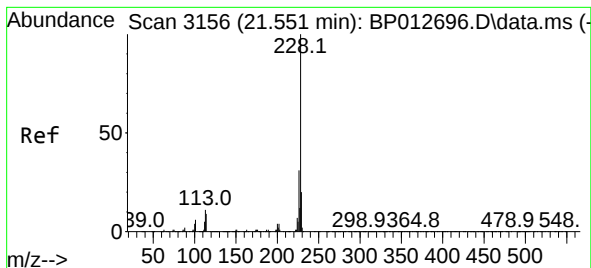
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 10.7 7.7 11.5





#83

Chrysene

Concen: 38.465 ng

RT: 21.557 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

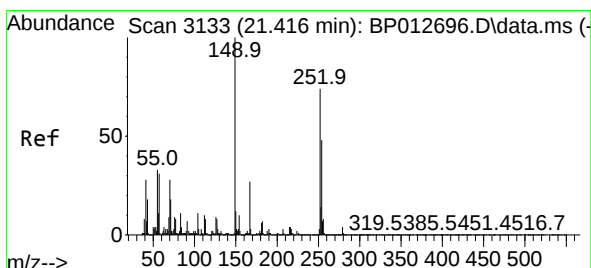
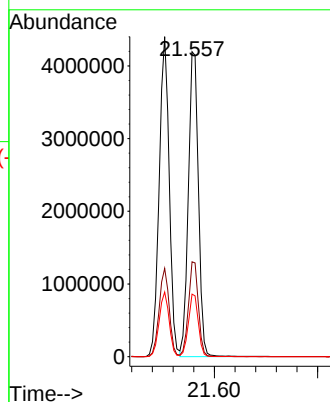
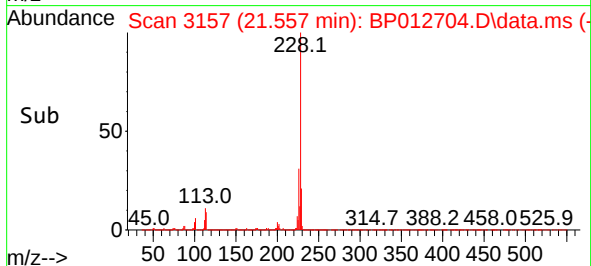
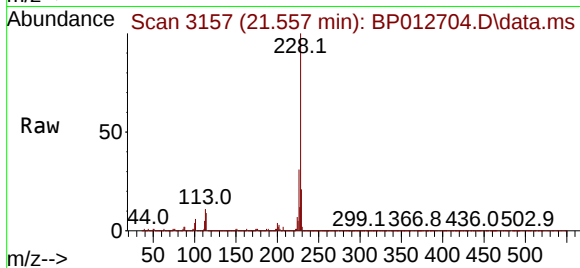
Tgt Ion:228 Resp: 5672677

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.4

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.962 ng

RT: 21.421 min Scan# 3134

Delta R.T. 0.005 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

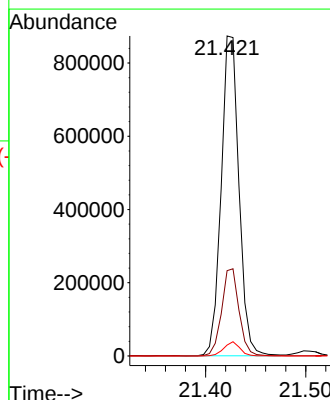
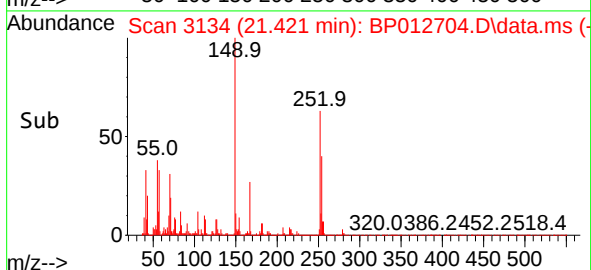
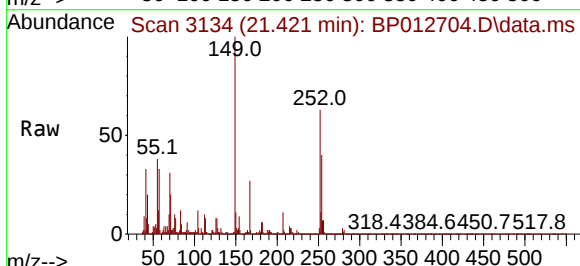
Tgt Ion:149 Resp: 1075469

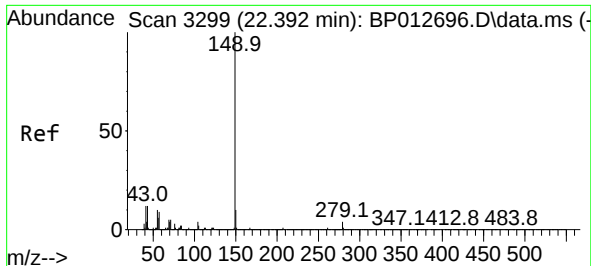
Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

279 3.4 3.2 4.8

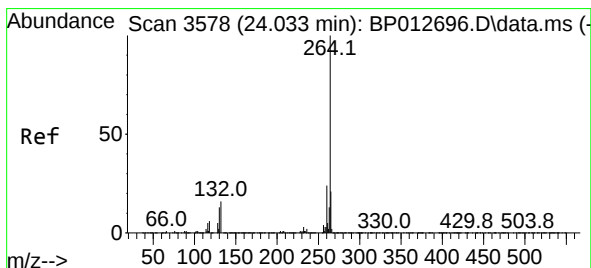
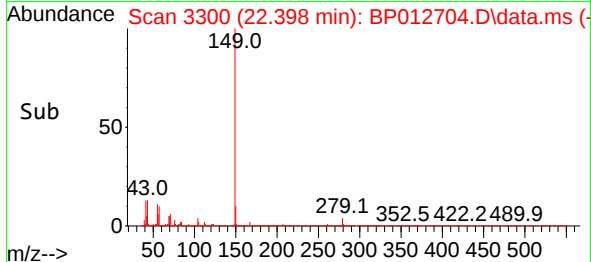
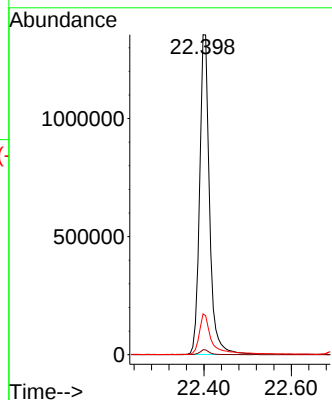
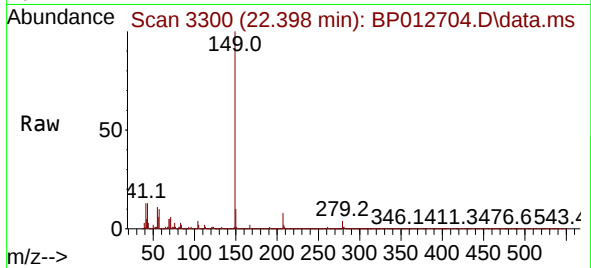




#85  
Di-n-octyl phthalate  
Concen: 36.850 ng  
RT: 22.398 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

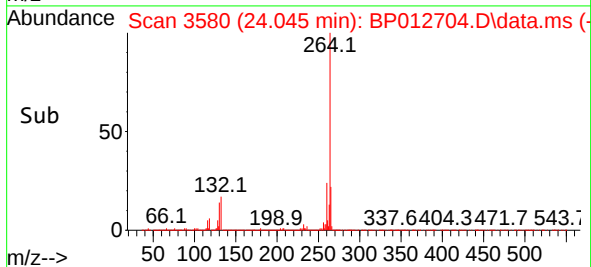
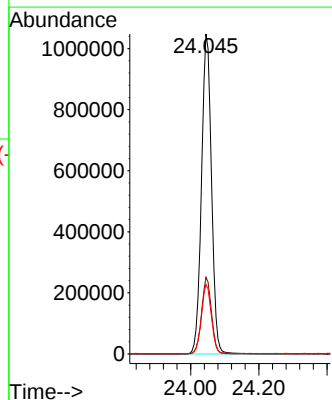
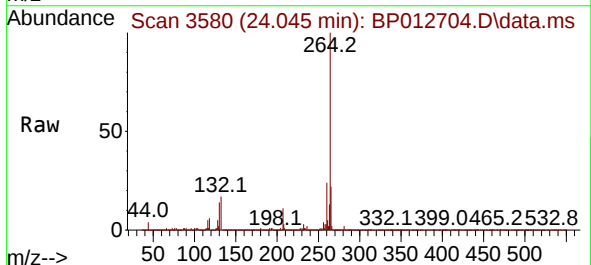
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

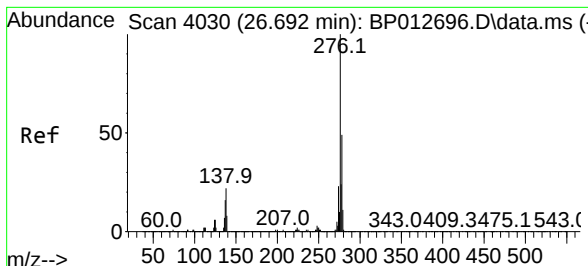
Tgt Ion:149 Resp: 2131478  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 16.5 12.5 18.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.045 min Scan# 3580  
Delta R.T. 0.012 min  
Lab File: BP012704.D  
Acq: 23 Nov 2022 09:55

Tgt Ion:264 Resp: 2139562  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.4  
265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.230 ng

RT: 26.715 min Scan# 4034

Delta R.T. 0.024 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

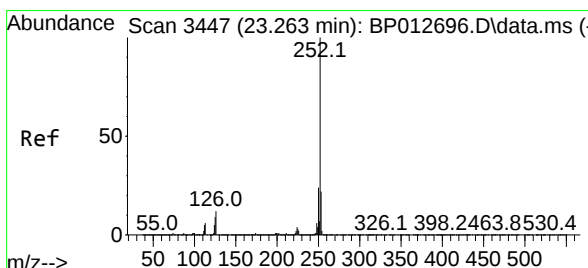
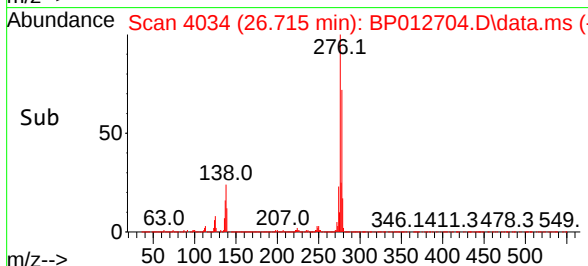
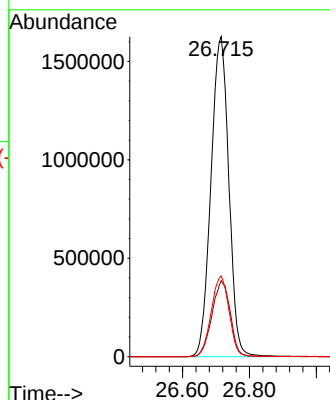
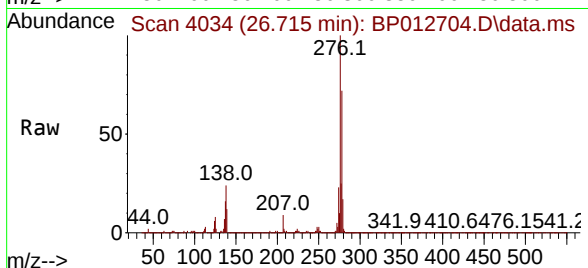
Tgt Ion:276 Resp: 6028510

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.455 ng

RT: 23.274 min Scan# 3449

Delta R.T. 0.012 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

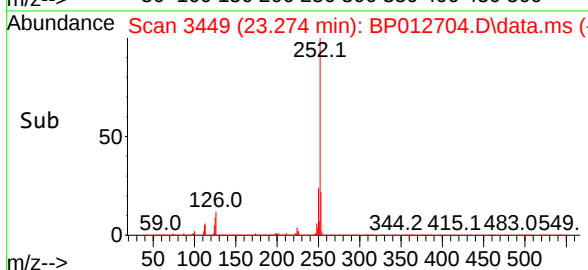
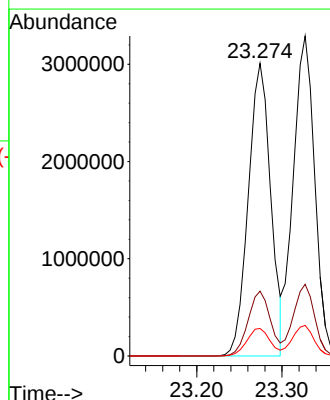
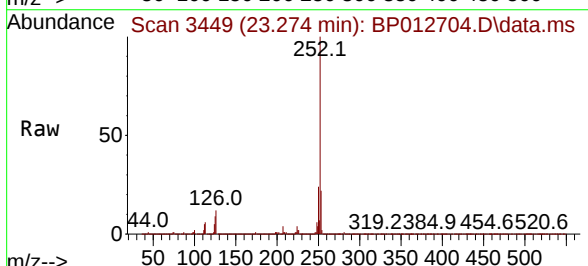
Tgt Ion:252 Resp: 5505383

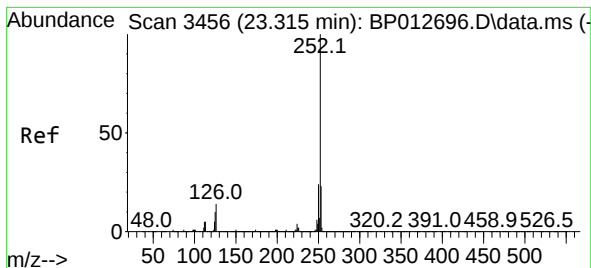
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 39.431 ng

RT: 23.327 min Scan# 3456

Delta R.T. 0.012 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

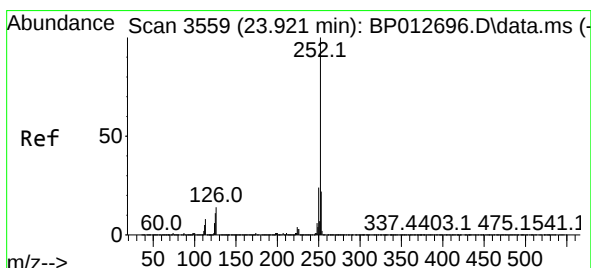
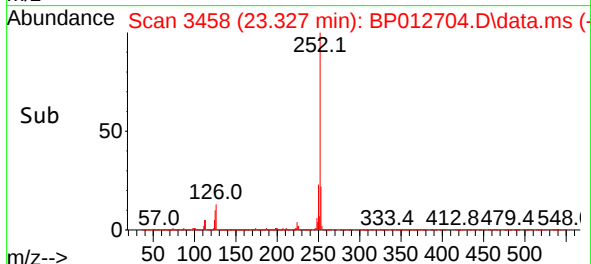
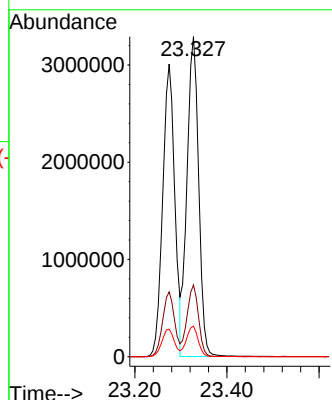
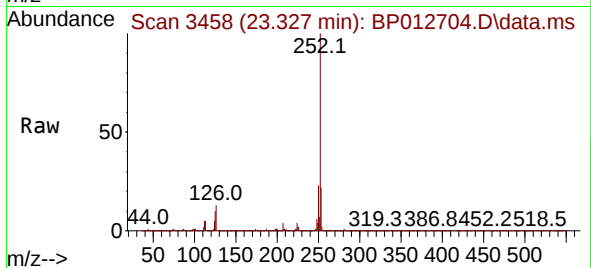
Tgt Ion:252 Resp: 5786180

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 9.6 7.7 11.5



#90

Benzo(a)pyrene

Concen: 39.346 ng

RT: 23.933 min Scan# 3561

Delta R.T. 0.012 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

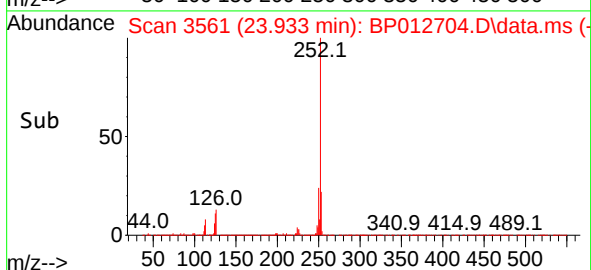
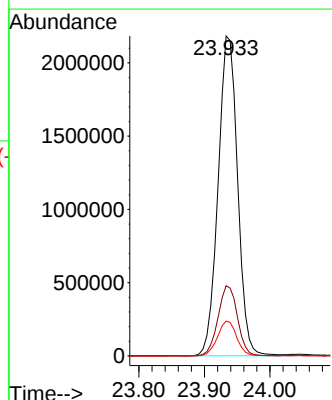
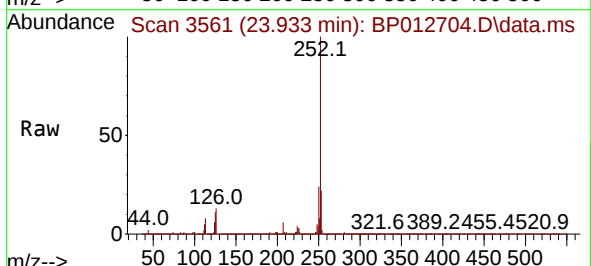
Tgt Ion:252 Resp: 4490697

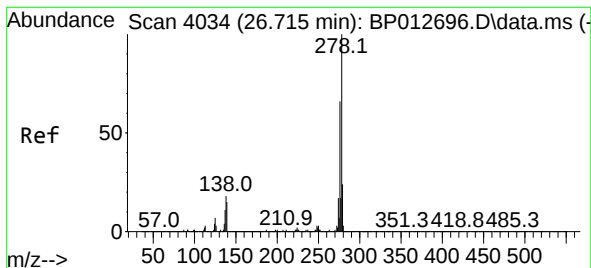
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.506 ng

RT: 26.733 min Scan# 40

Delta R.T. 0.018 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

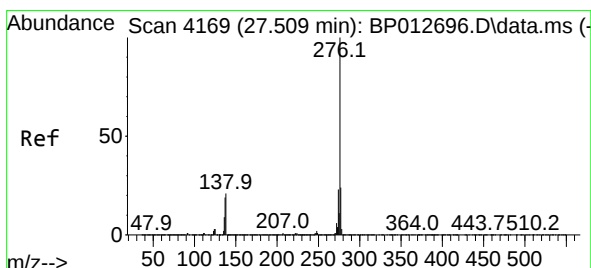
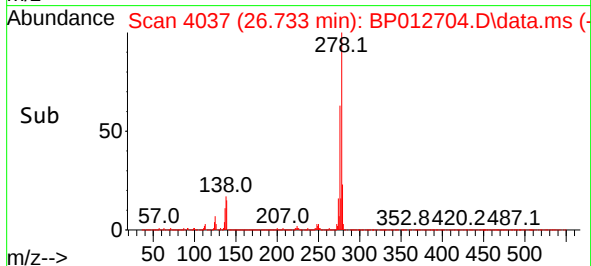
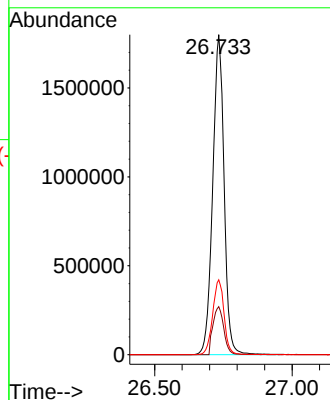
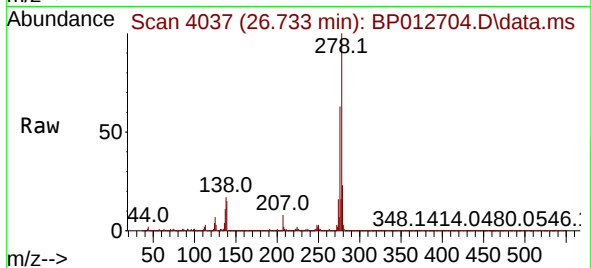
Tgt Ion:278 Resp: 5174049

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.2

279 23.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.885 ng

RT: 27.527 min Scan# 4172

Delta R.T. 0.018 min

Lab File: BP012704.D

Acq: 23 Nov 2022 09:55

Tgt Ion:276 Resp: 4597869

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 20.8 17.1 25.7

