

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021921\  
 Data File : BF123224.D  
 Acq On : 19 Feb 2021 11:22  
 Operator : JU/CG  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 19 14:00:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 13:58:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 178028   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 733017   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.898  | 164  | 368967   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 677216   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 558426   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.515 | 264  | 550590   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 136747   | 11.64 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.475  | 99   | 186314   | 12.01 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 161738   | 11.59 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 30520    | 7.66  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 269635   | 10.92 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 293876   | 10.55 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.604  | 88   | 24768    | 4.53  | ng    | 91       |
| 3) Pyridine                   | 3.369  | 79   | 61825    | 4.37  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 30354    | 4.98  | ng    | 80       |
| 6) Aniline                    | 6.510  | 93   | 106065   | 5.75  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.639  | 128  | 72058    | 5.47  | ng    | 94       |
| 9) Benzaldehyde               | 6.404  | 77   | 59489    | 6.53  | ng    | 93       |
| 10) Phenol                    | 6.487  | 94   | 102604   | 6.03  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 73994    | 6.26  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 74042    | 5.41  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 75288    | 5.41  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 70106    | 5.40  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 67948    | 6.04  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 111776   | 7.32  | ng    | 94       |
| 17) 2-Methylphenol            | 7.104  | 107  | 61572    | 5.82  | ng    | 97       |
| 18) Hexachloroethane          | 7.369  | 117  | 26850    | 5.42  | ng    | # 86     |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 56466    | 6.35  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 78114    | 5.82  | ng    | # 76     |
| 22) Acetophenone              | 7.257  | 105  | 99044    | 5.51  | ng    | # 89     |
| 24) Nitrobenzene              | 7.434  | 77   | 87355    | 5.91  | ng    | 93       |
| 25) Isophorone                | 7.675  | 82   | 155676   | 6.01  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 30726    | 4.32  | ng    | # 82     |
| 27) 2,4-Dimethylphenol        | 7.786  | 122  | 55933    | 5.15  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.886  | 93   | 82235    | 5.85  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 55187    | 5.15  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 58395    | 5.08  | ng    | 96       |
| 31) Naphthalene               | 8.163  | 128  | 211648   | 5.36  | ng    | 100      |
| 32) Benzoic acid              | 7.857  | 122  | 18005    | 2.13  | ng    | # 89     |
| 33) 4-Chloroaniline           | 8.210  | 127  | 83438    | 5.11  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 31427    | 4.98  | ng    | 98       |
| 35) Caprolactam               | 8.539  | 113  | 17758    | 4.73  | ng    | # 72     |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 65958    | 5.27  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 137539   | 5.27  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 128314   | 5.23  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 52540    | 5.14  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 15902    | 3.40  | ng    | 87       |
| 43) 2,4,6-Trichlorophenol     | 9.133  | 196  | 35625    | 4.63  | ng    | 93       |

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 Acq On : 19 Feb 2021 11:22  
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 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

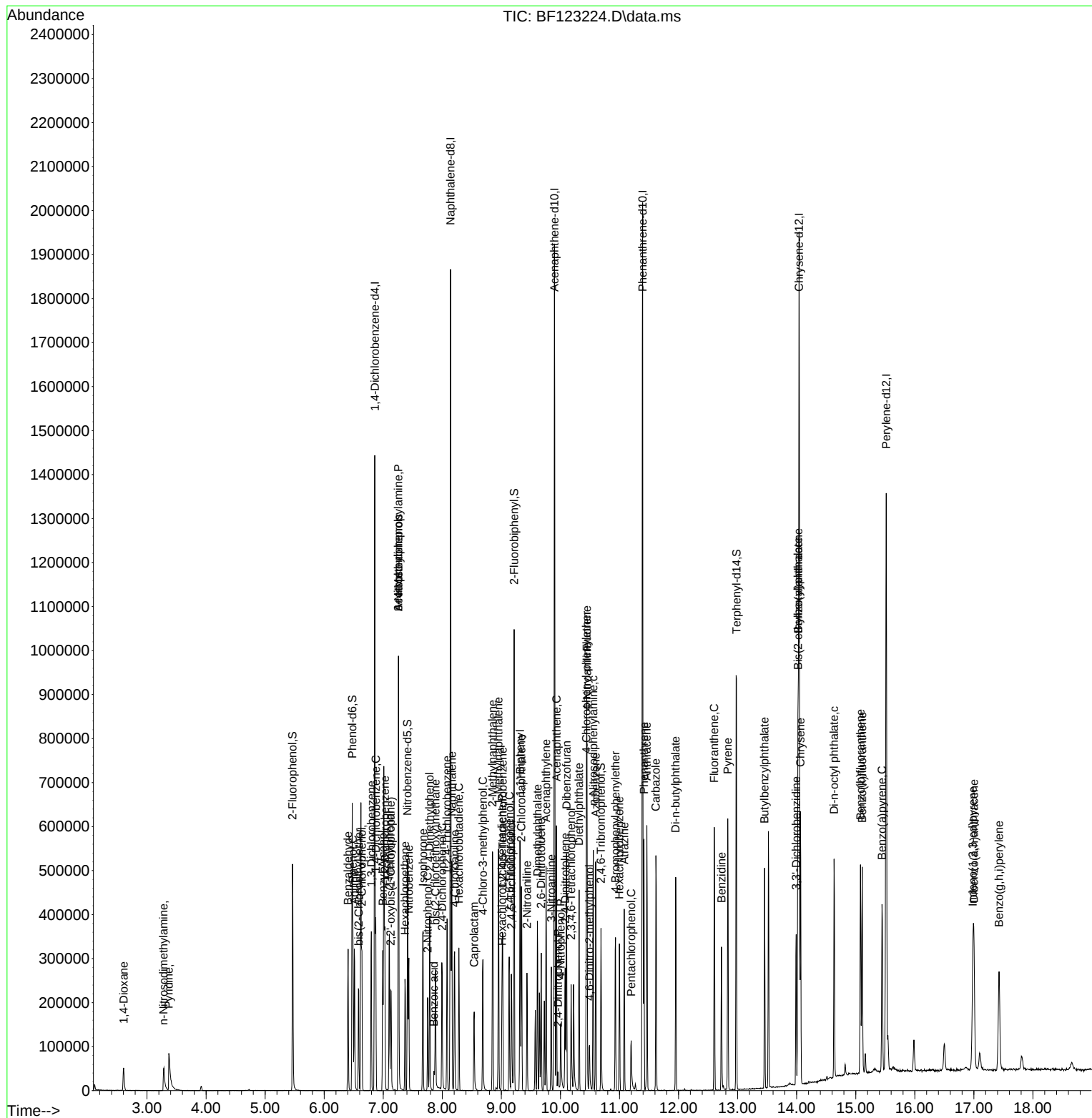
Instrument :  
 BNA\_N  
 ClientSampleId :

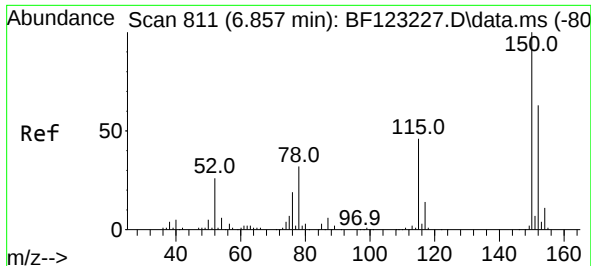
Quant Time: Feb 19 14:00:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 13:58:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 37433    | 4.47 | ng    | #        | 91  |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 158801   | 5.33 | ng    |          | 94  |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 122029   | 5.12 | ng    |          | 98  |
| 48) 2-Nitroaniline            | 9.433  | 65   | 41739    | 5.23 | ng    | #        | 68  |
| 49) Acenaphthylene            | 9.757  | 152  | 187890   | 4.90 | ng    |          | 98  |
| 50) Dimethylphthalate         | 9.610  | 163  | 137236   | 5.13 | ng    | #        | 99  |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 28731    | 4.47 | ng    | #        | 66  |
| 52) Acenaphthene              | 9.933  | 154  | 120402   | 4.83 | ng    |          | 97  |
| 53) 3-Nitroaniline            | 9.845  | 138  | 35460    | 4.64 | ng    |          | 90  |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 6230     | 1.83 | ng    | #        | 71  |
| 55) Dibenzofuran              | 10.104 | 168  | 179078   | 5.31 | ng    |          | 98  |
| 56) 4-Nitrophenol             | 10.004 | 139  | 24016    | 3.82 | ng    | #        | 69  |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 38456    | 4.43 | ng    |          | 87  |
| 58) Fluorene                  | 10.445 | 166  | 138173   | 5.28 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 27649    | 4.17 | ng    |          | 91  |
| 60) Diethylphthalate          | 10.316 | 149  | 135369   | 4.99 | ng    |          | 97  |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 64382    | 5.52 | ng    |          | 95  |
| 62) 4-Nitroaniline            | 10.451 | 138  | 32414    | 4.20 | ng    |          | 85  |
| 63) Azobenzene                | 10.598 | 77   | 172997   | 6.09 | ng    |          | 94  |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 14538    | 3.33 | ng    |          | 88  |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 118827   | 5.19 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 33932    | 4.72 | ng    |          | 93  |
| 68) Hexachlorobenzene         | 10.998 | 284  | 35259    | 4.48 | ng    | #        | 85  |
| 69) Atrazine                  | 11.080 | 200  | 34231    | 5.02 | ng    |          | 99  |
| 70) Pentachlorophenol         | 11.198 | 266  | 17414    | 3.55 | ng    |          | 98  |
| 71) Phenanthrene              | 11.416 | 178  | 208092   | 5.22 | ng    |          | 97  |
| 72) Anthracene                | 11.463 | 178  | 203324   | 5.10 | ng    |          | 99  |
| 73) Carbazole                 | 11.616 | 167  | 197004   | 5.18 | ng    |          | 98  |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 209139   | 5.12 | ng    |          | 99  |
| 75) Fluoranthene              | 12.604 | 202  | 211888   | 5.29 | ng    |          | 97  |
| 77) Benzidine                 | 12.727 | 184  | 109021   | 5.51 | ng    |          | 99  |
| 78) Pyrene                    | 12.833 | 202  | 225083   | 5.45 | ng    |          | 98  |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 87235    | 4.78 | ng    |          | 89  |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 191199   | 5.08 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 61892    | 4.75 | ng    | #        | 96  |
| 83) Chrysene                  | 14.063 | 228  | 187778   | 5.06 | ng    |          | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 127557   | 5.38 | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 219387   | 5.38 | ng    | #        | 94  |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 189798   | 5.02 | ng    | #        | 92  |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 178515   | 4.61 | ng    | #        | 96  |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 186226   | 5.24 | ng    |          | 98  |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 167496   | 4.84 | ng    | #        | 94  |
| 91) Dibenzo(a,h)anthracene    | 17.004 | 278  | 162695   | 5.07 | ng    | #        | 95  |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 161453   | 5.17 | ng    | #        | 92  |

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

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QLast Update : Fri Feb 19 13:58:44 2021  
Response via : Initial Calibration

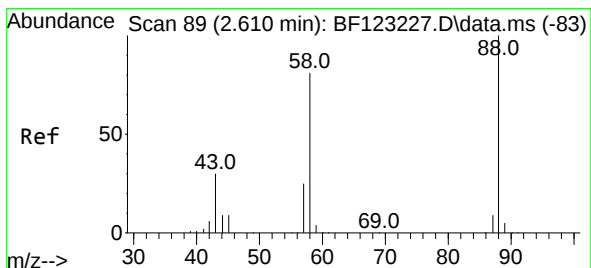
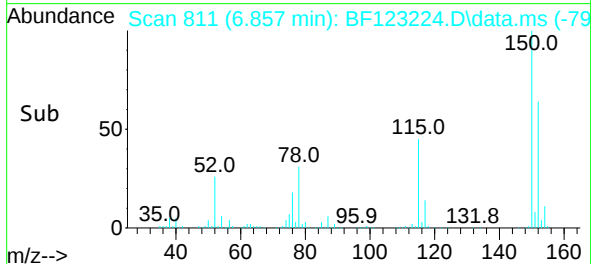
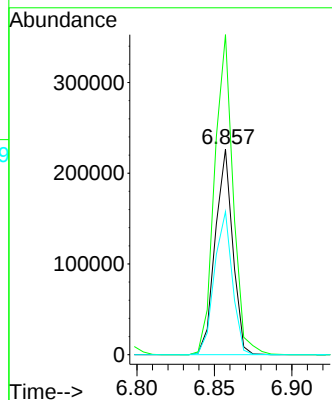
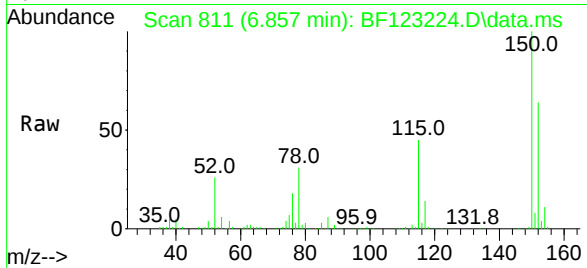




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.857 min Scan# 811  
 Delta R.T. 0.000 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

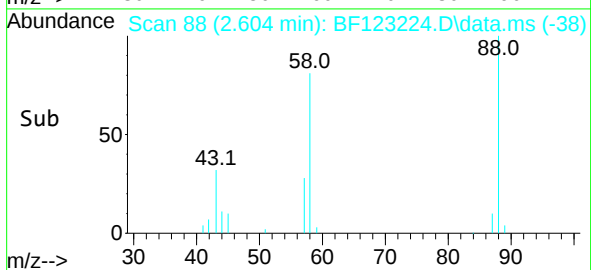
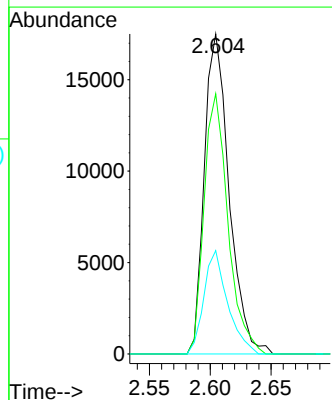
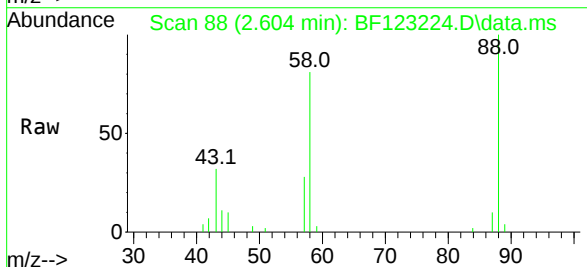
Instrument :  
 BNA\_N  
 ClientSampled :

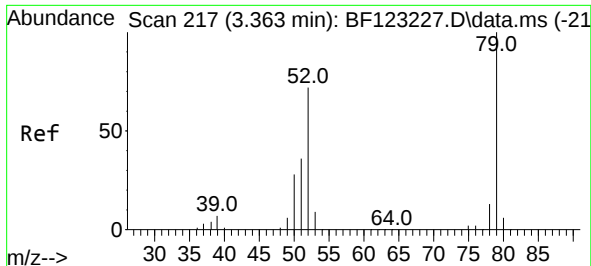
Tgt Ion:152 Resp: 178028  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 125.8 188.6  
 115 69.6 49.3 73.9



#2  
 1,4-Dioxane  
 Concen: 4.53 ng  
 RT: 2.604 min Scan# 88  
 Delta R.T. -0.006 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

Tgt Ion: 88 Resp: 24768  
 Ion Ratio Lower Upper  
 88 100  
 58 78.5 56.2 84.2  
 43 31.0 21.8 32.6

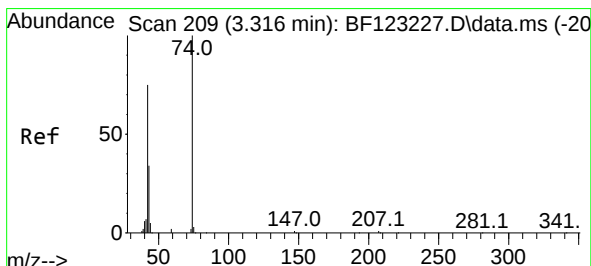
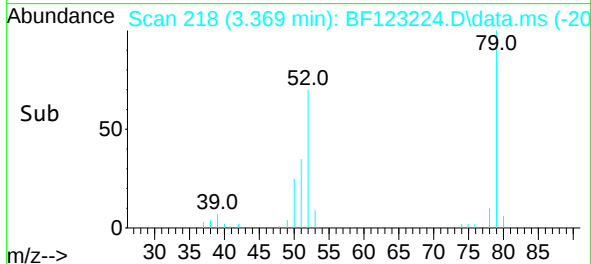
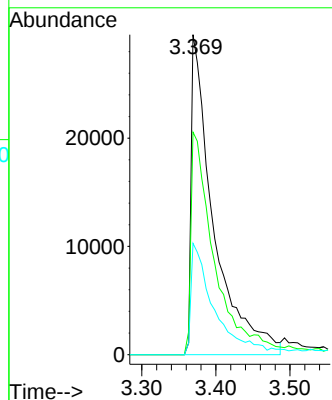
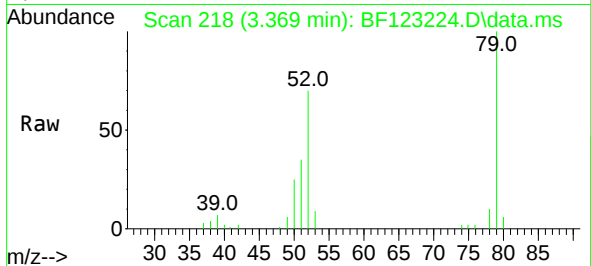




#3  
Pyridine  
Concen: 4.37 ng  
RT: 3.369 min Scan# 218  
Delta R.T. 0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

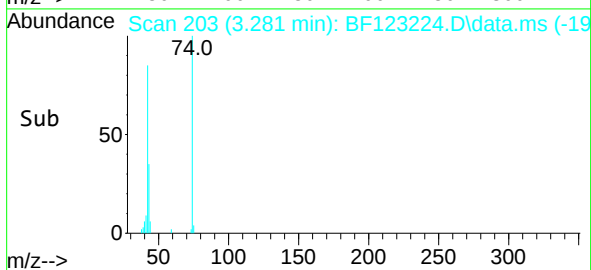
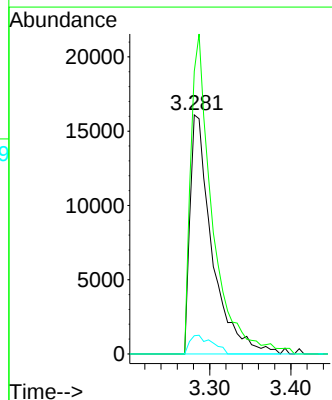
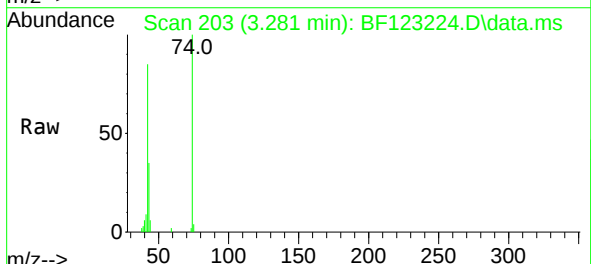
Instrument :  
BNA\_N  
ClientSampleId :

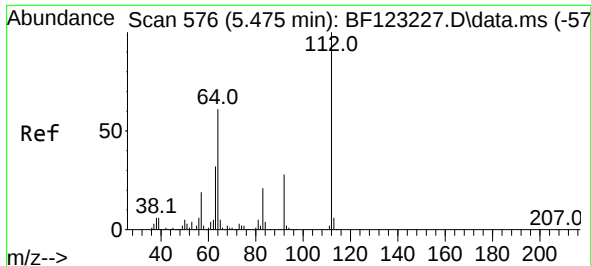
Tgt Ion: 79 Resp: 61825  
Ion Ratio Lower Upper  
79 100  
52 69.6 53.0 79.4  
51 34.8 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 4.98 ng  
RT: 3.281 min Scan# 203  
Delta R.T. -0.035 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion: 42 Resp: 30354  
Ion Ratio Lower Upper  
42 100  
74 118.3 115.2 172.8  
44 7.6 5.4 8.0

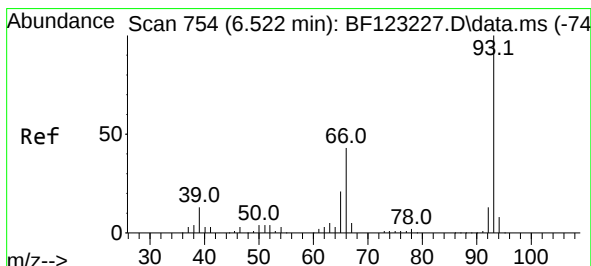
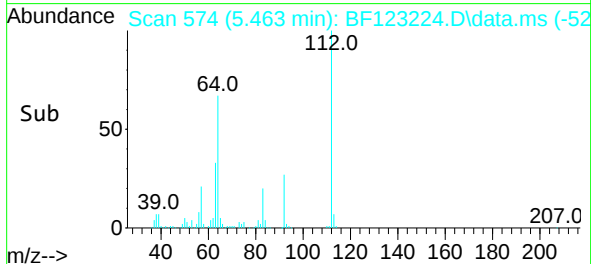
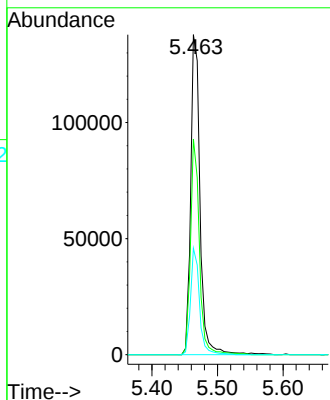
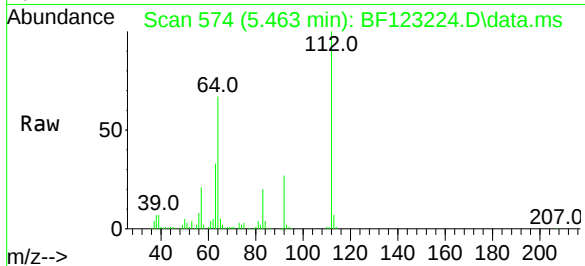




#5  
2-Fluorophenol  
Concen: 11.64 ng  
RT: 5.463 min Scan# 574  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

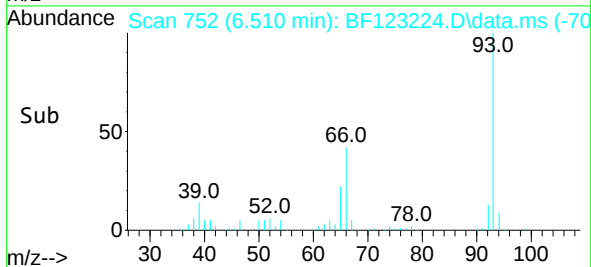
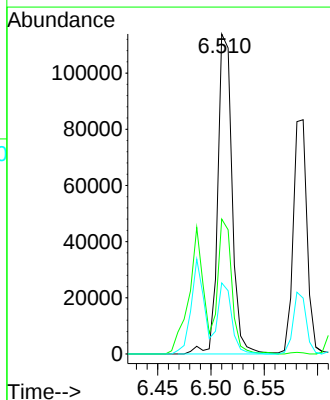
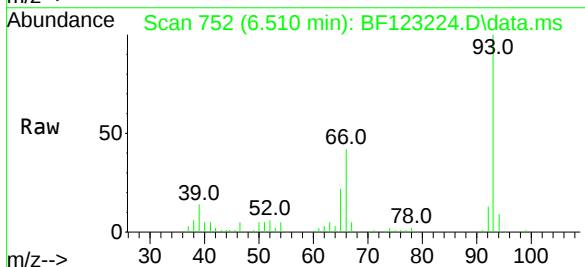
Instrument :  
BNA\_N  
ClientSampleId :

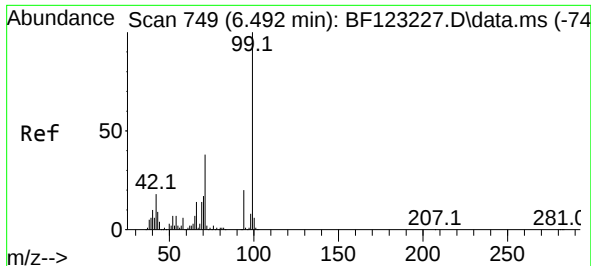
Tgt Ion:112 Resp: 136747  
Ion Ratio Lower Upper  
112 100  
64 67.4 46.9 70.3  
63 33.3 24.5 36.7



#6  
Aniline  
Concen: 5.75 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion: 93 Resp: 106065  
Ion Ratio Lower Upper  
93 100  
66 42.2 31.3 46.9  
65 22.2 15.6 23.4

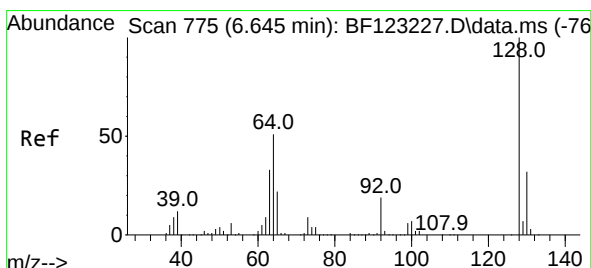
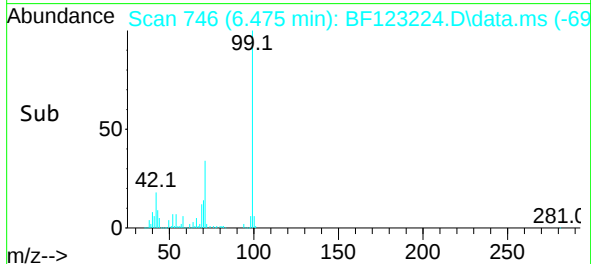
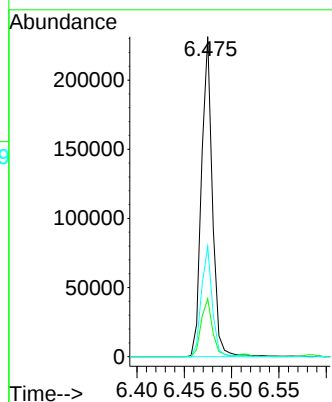
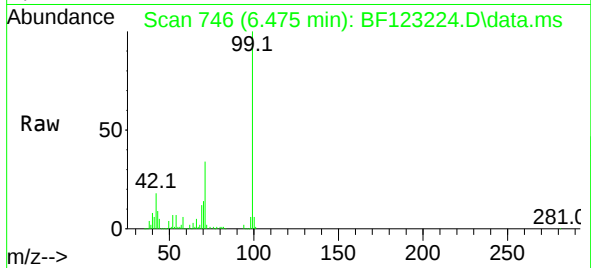




#7  
Phenol-d6  
Concen: 12.01 ng  
RT: 6.475 min Scan# 746  
Delta R.T. -0.018 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

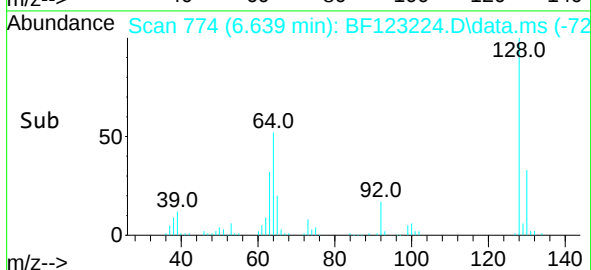
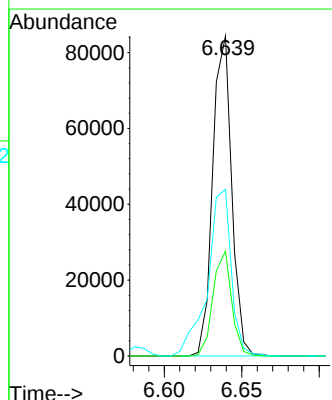
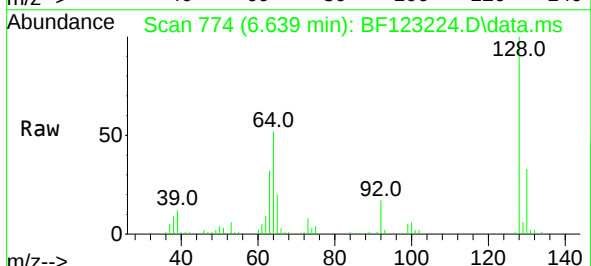
Instrument :  
BNA\_N  
ClientSampleId :

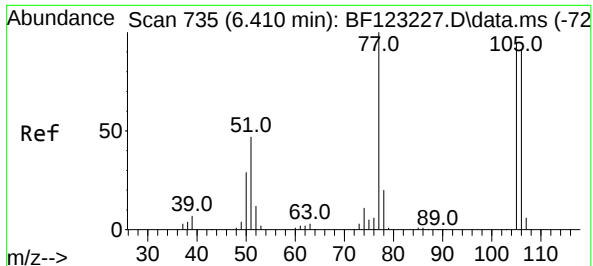
Tgt Ion: 99 Resp: 186314  
Ion Ratio Lower Upper  
99 100  
42 18.1 13.8 20.6  
71 34.4 26.9 40.3



#8  
2-Chlorophenol  
Concen: 5.47 ng  
RT: 6.639 min Scan# 774  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion: 128 Resp: 72058  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.3 52.3  
64 52.1 25.5 65.5

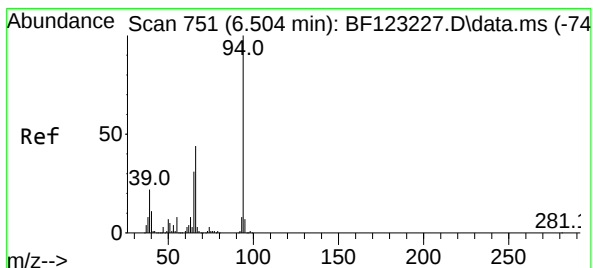
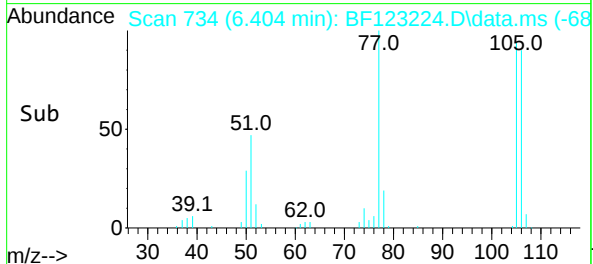
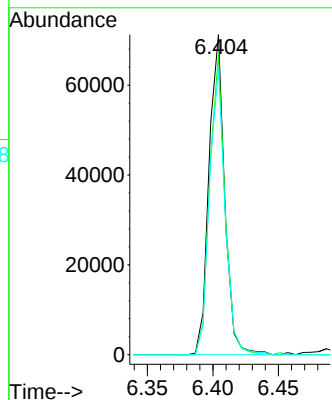
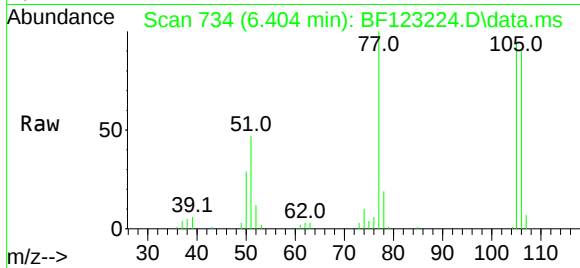




#9  
Benzaldehyde  
Concen: 6.53 ng  
RT: 6.404 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

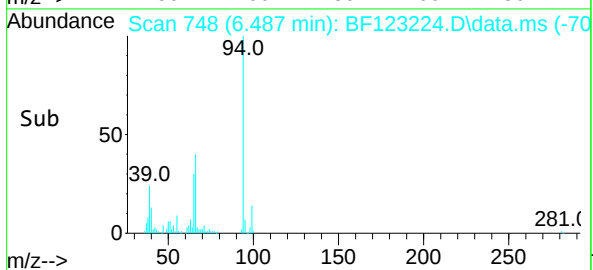
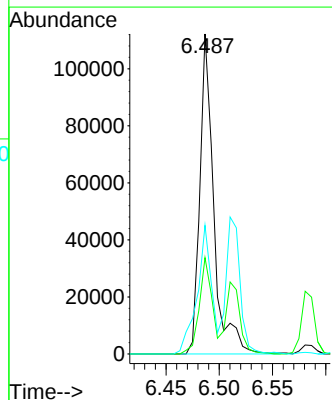
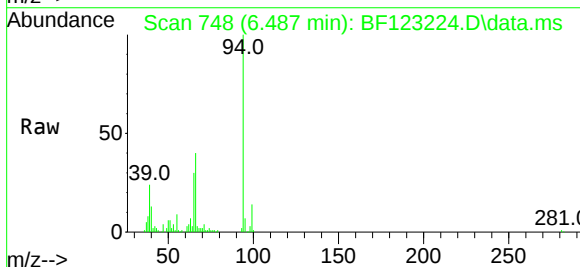
Instrument :  
BNA\_N  
ClientSampled :

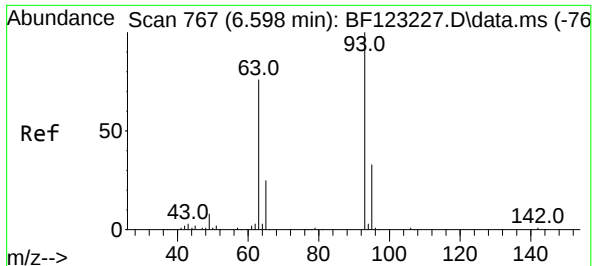
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 59489 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.0  | 80.6  | 120.6 |
| 106      | 89.5  | 77.2  | 117.2 |



#10  
Phenol  
Concen: 6.03 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.018 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 102604 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.1  | 11.2  | 51.2   |
| 66       | 40.2  | 25.8  | 65.8   |

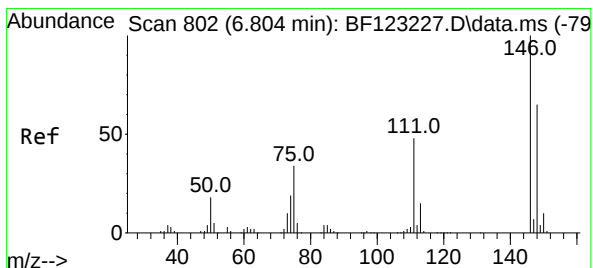
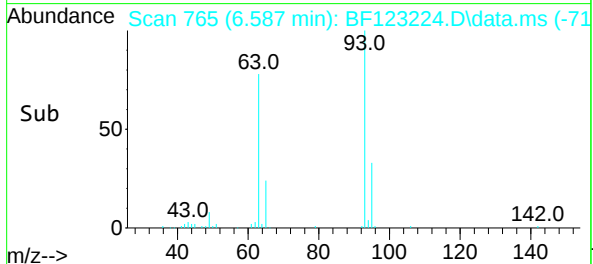
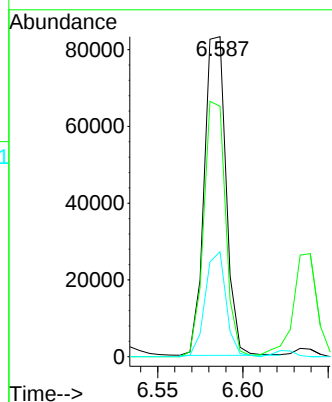
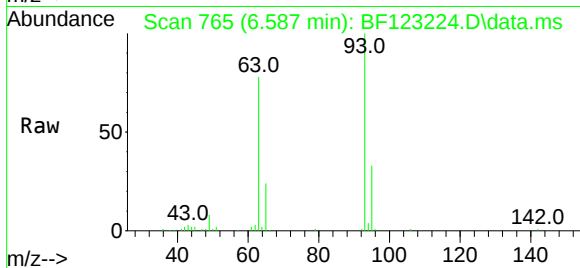




#11  
bis(2-Chloroethyl)ether  
Concen: 6.26 ng  
RT: 6.587 min Scan# 765  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

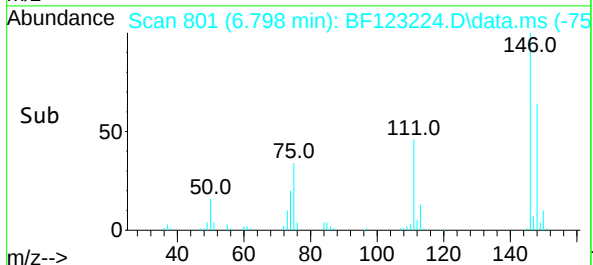
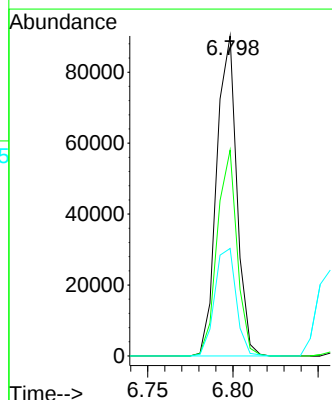
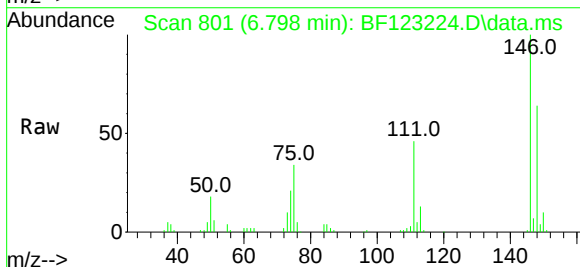
Instrument :  
BNA\_N  
ClientSampleId :

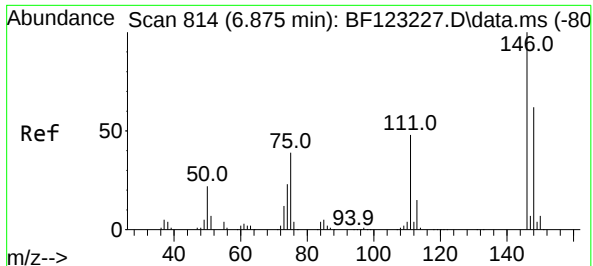
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 73994 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 78.2     | 52.6 92.6   |
| 95 32.8     | 12.6 52.6   |



#12  
1,3-Dichlorobenzene  
Concen: 5.41 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

|              |             |
|--------------|-------------|
| Tgt Ion: 146 | Resp: 74042 |
| Ion Ratio    | Lower Upper |
| 146 100      |             |
| 148 64.3     | 51.8 77.8   |
| 75 33.6      | 22.5 33.7   |





#13

1,4-Dichlorobenzene

Concen: 5.41 ng

RT: 6.875 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

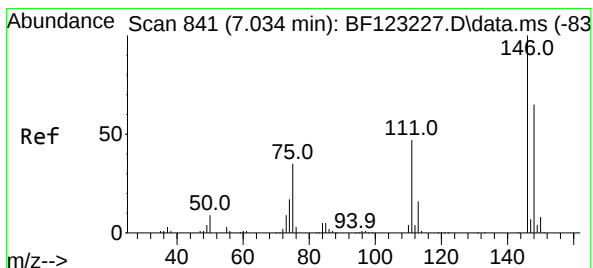
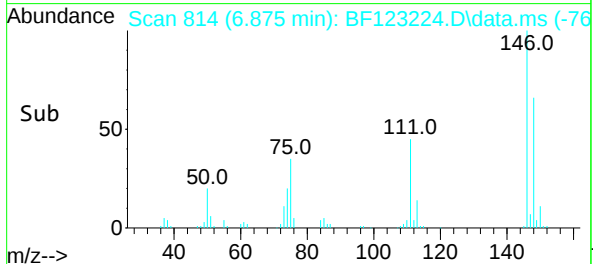
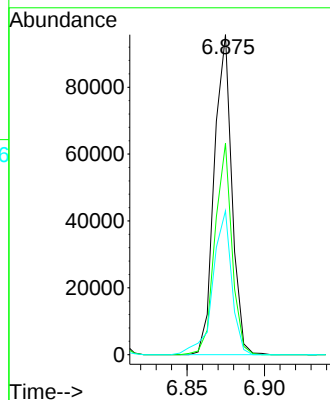
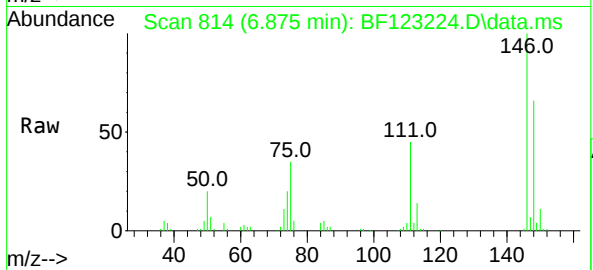
Tgt Ion:146 Resp: 75288

Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

111 45.0 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 5.40 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

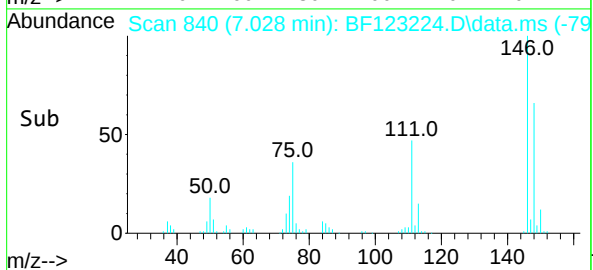
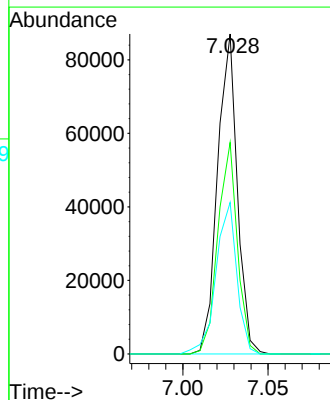
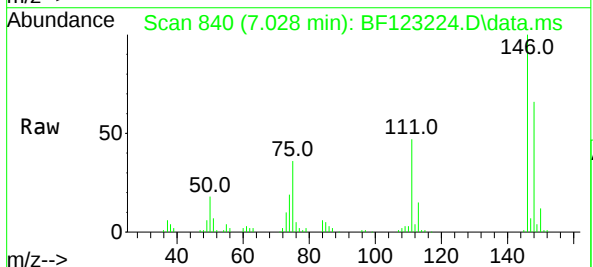
Tgt Ion:146 Resp: 70106

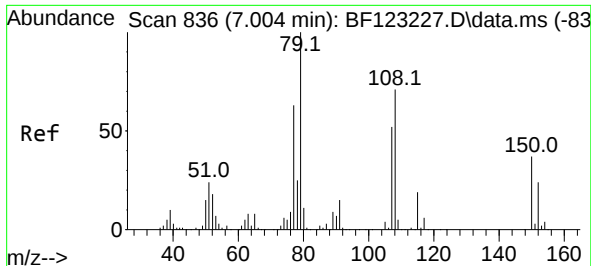
Ion Ratio Lower Upper

146 100

148 66.1 51.5 77.3

111 47.3 34.2 51.2





#15

Benzyl Alcohol

Concen: 6.04 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.012 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

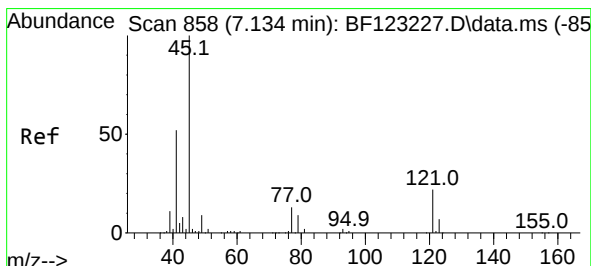
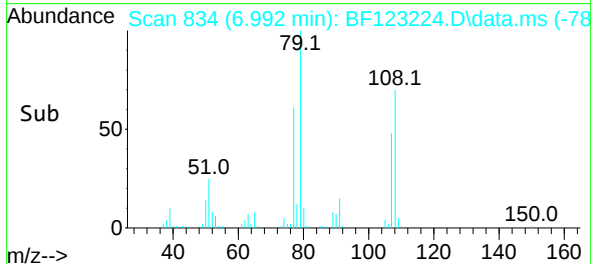
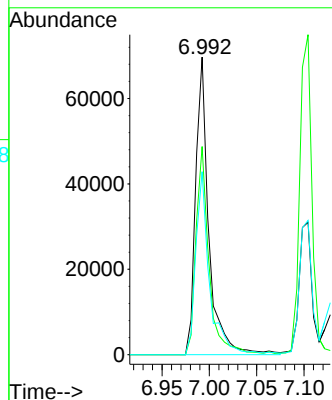
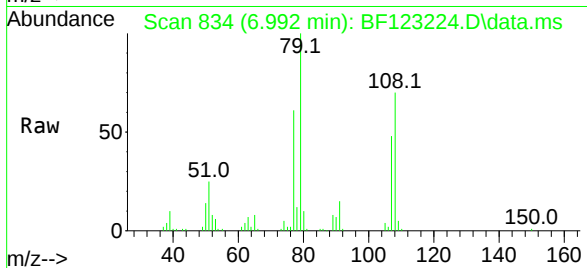
Tgt Ion: 79 Resp: 67948

Ion Ratio Lower Upper

79 100

108 69.9 62.4 93.6

77 61.5 49.0 73.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.32 ng

RT: 7.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

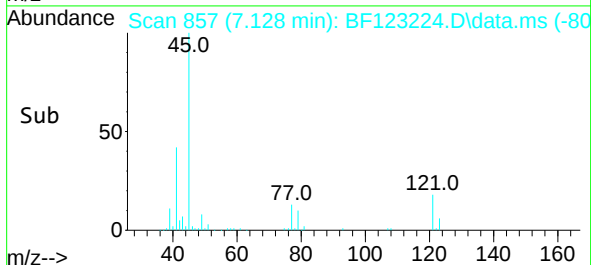
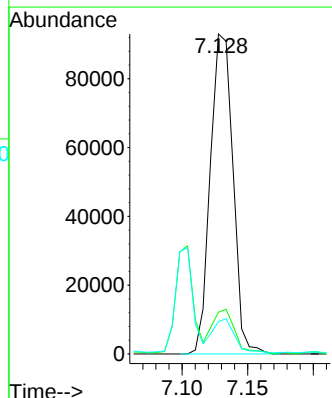
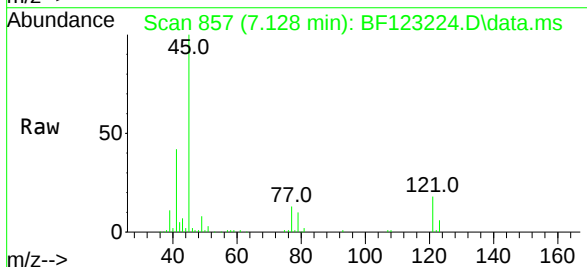
Tgt Ion: 45 Resp: 111776

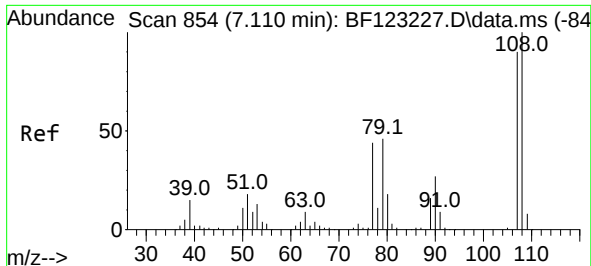
Ion Ratio Lower Upper

45 100

77 13.1 0.0 35.6

79 10.1 0.0 32.4



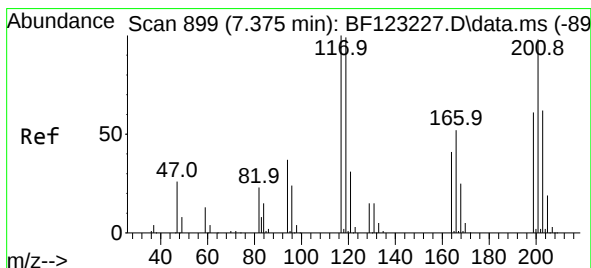
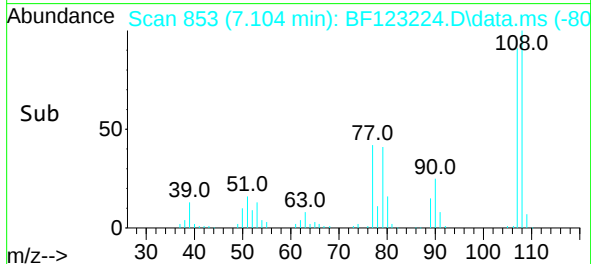
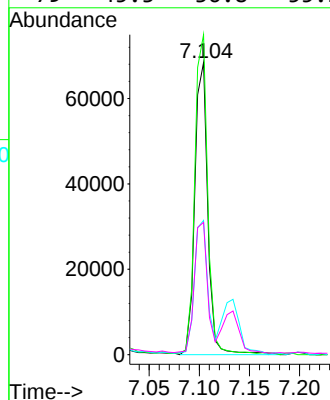
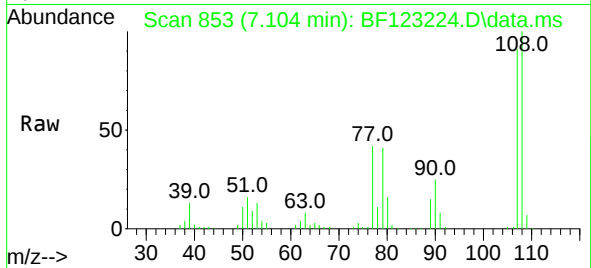


#17  
2-Methylphenol  
Concen: 5.82 ng  
RT: 7.104 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:107 Resp: 61572

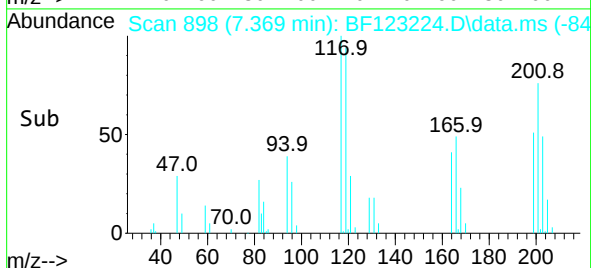
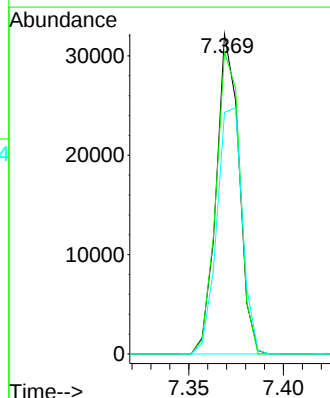
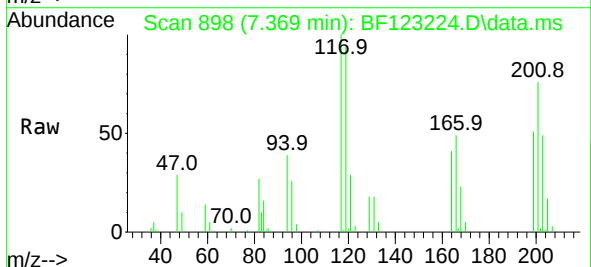
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 109.5 | 91.1  | 136.7 |
| 77  | 45.9  | 36.3  | 54.5  |
| 79  | 45.3  | 36.8  | 55.2  |

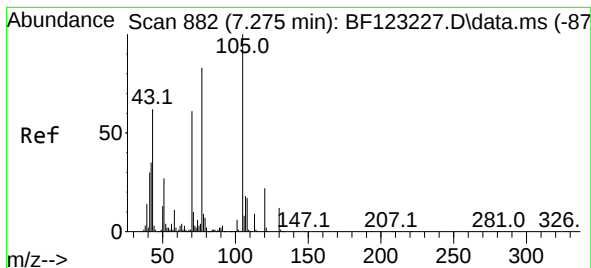


#18  
Hexachloroethane  
Concen: 5.42 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:117 Resp: 26850

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 94.4  | 78.4  | 117.6  |
| 201 | 75.5  | 79.6  | 119.4# |

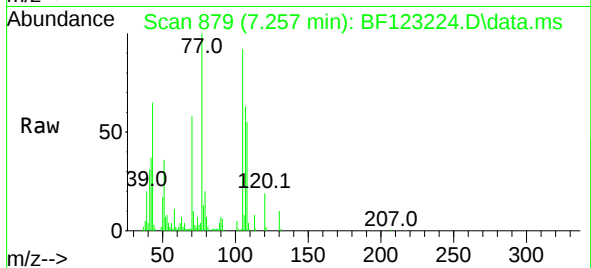




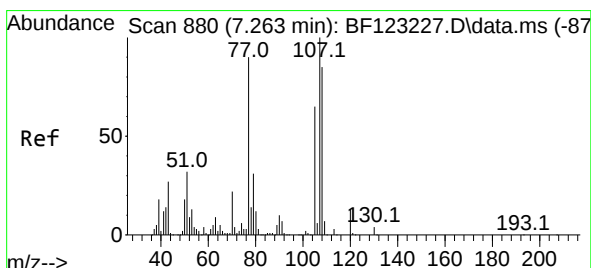
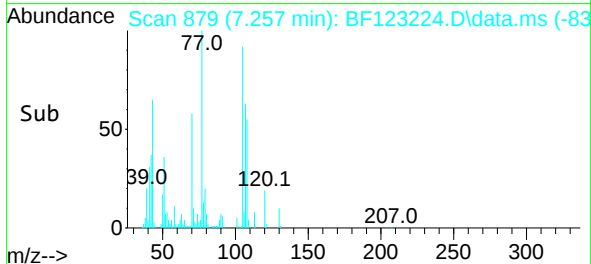
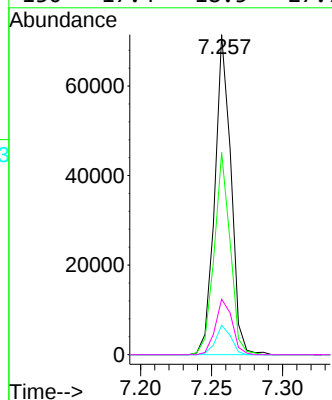
#19

n-Nitroso-di-n-propylamine  
Concen: 6.35 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.018 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Instrument :  
BNA\_N  
ClientSampleId :



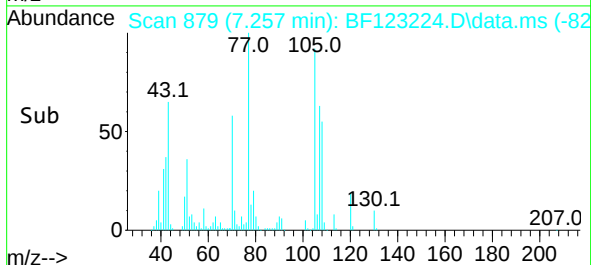
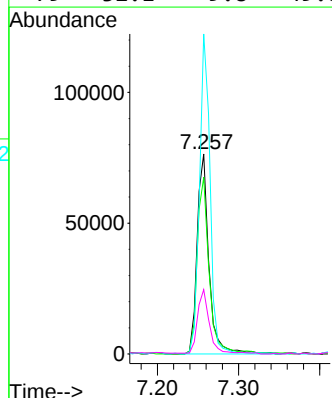
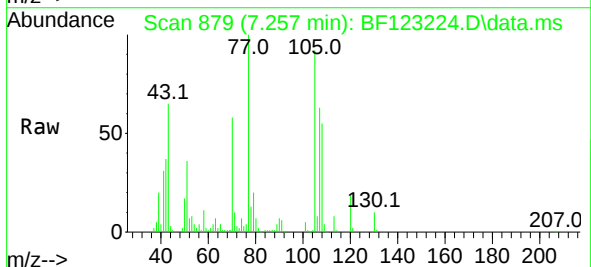
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 56466 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.1  | 43.0  | 64.4  |
| 101      | 9.2   | 7.9   | 11.9  |
| 130      | 17.4  | 18.5  | 27.7# |

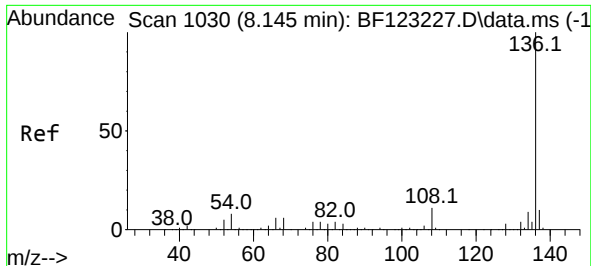


#20

3+4-Methylphenols  
Concen: 5.82 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 78114  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.3  | 68.7  | 108.7  |
| 77       | 159.9 | 89.8  | 129.8# |
| 79       | 32.1  | 9.8   | 49.8   |

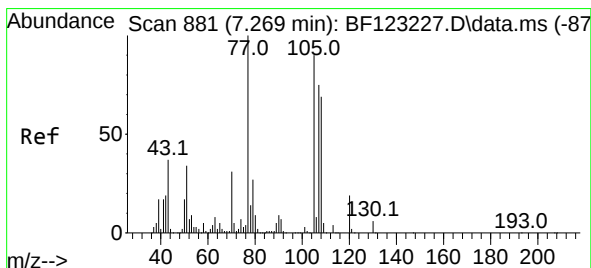
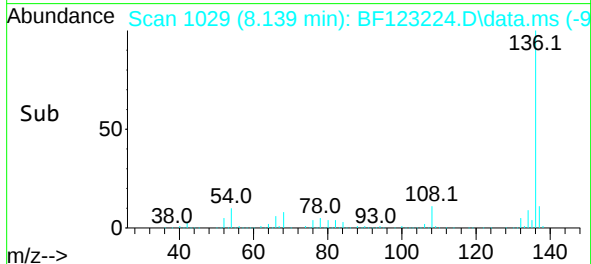
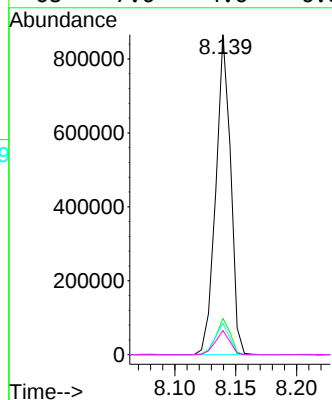
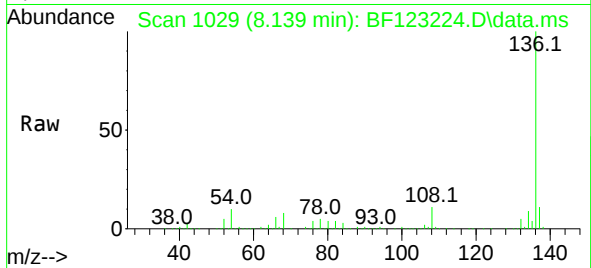




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

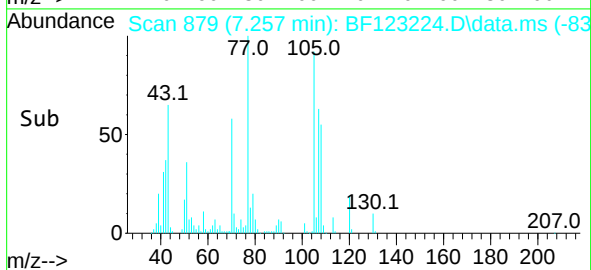
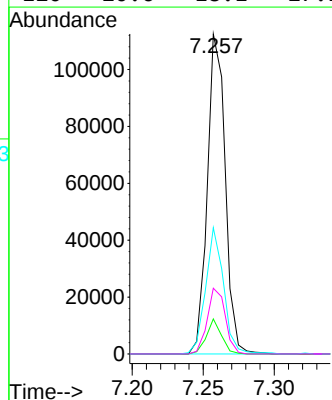
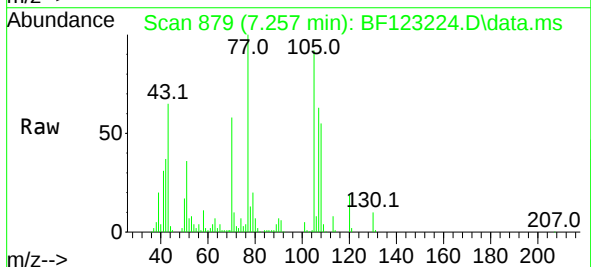
Instrument :  
BNA\_N  
ClientSampleId :

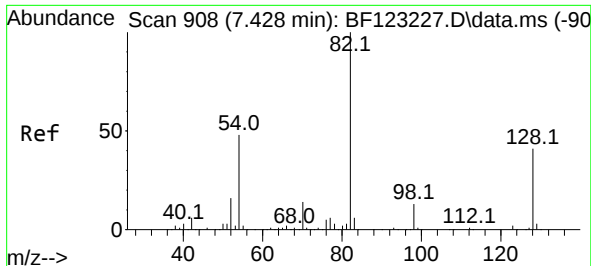
Tgt Ion:136 Resp: 733017  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 9.8 5.5 8.3#  
68 7.6 4.6 6.8#



#22  
Acetophenone  
Concen: 5.51 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:105 Resp: 99044  
Ion Ratio Lower Upper  
105 100  
71 11.0 6.5 9.7#  
51 39.5 24.3 36.5#  
120 20.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 11.59 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

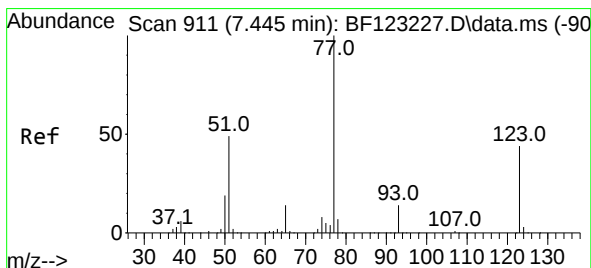
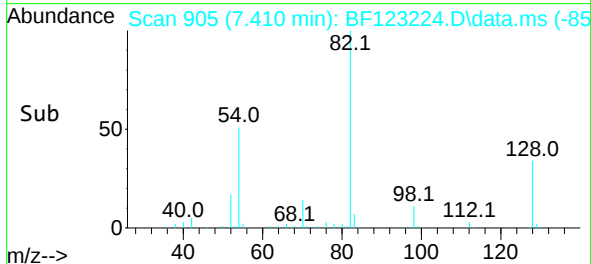
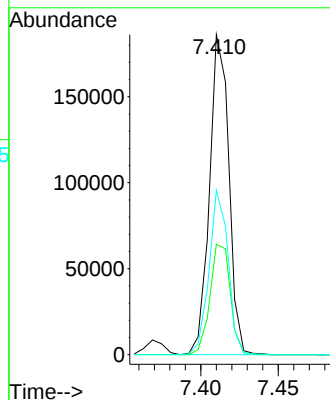
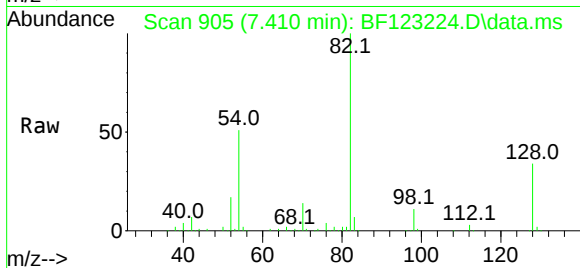
Tgt Ion: 82 Resp: 161738

Ion Ratio Lower Upper

82 100

128 34.5 37.0 55.4#

54 51.3 38.4 57.6



#24

Nitrobenzene

Concen: 5.91 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

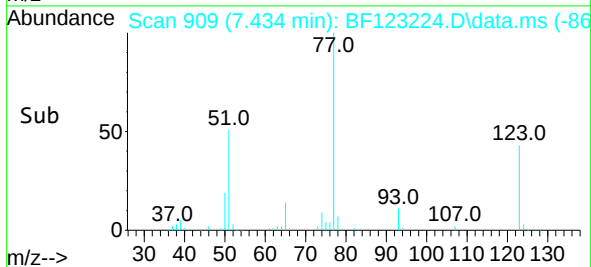
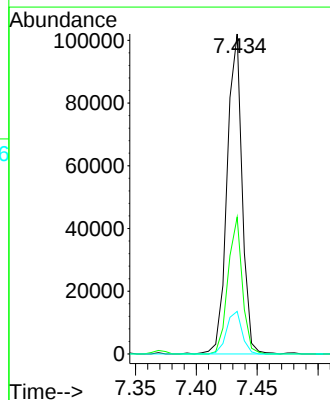
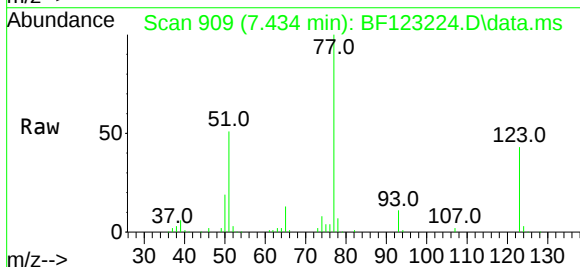
Tgt Ion: 77 Resp: 87355

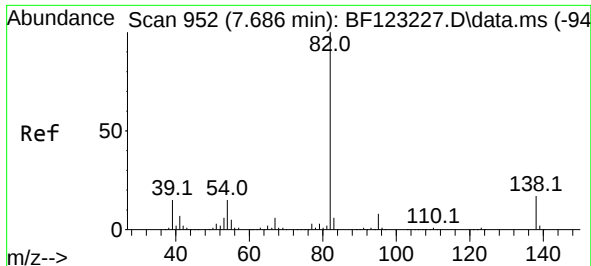
Ion Ratio Lower Upper

77 100

123 42.7 39.3 58.9

65 13.3 10.6 15.8

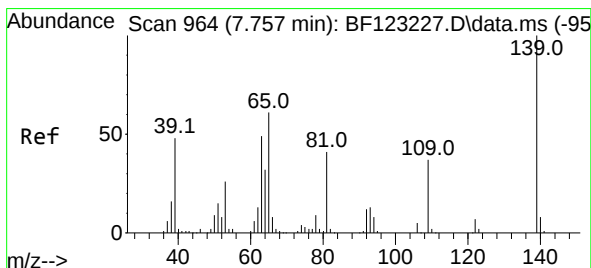
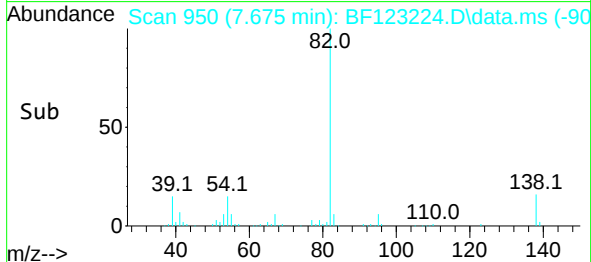
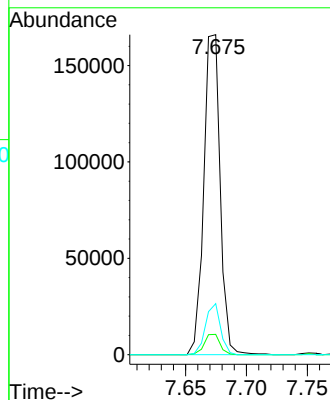
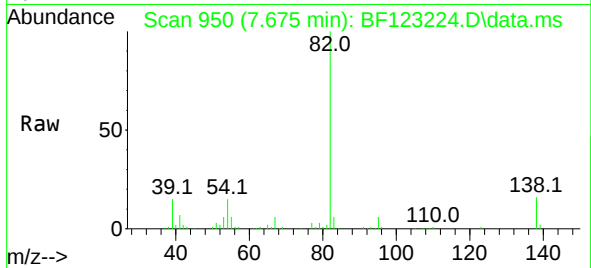




#25  
Isophorone  
Concen: 6.01 ng  
RT: 7.675 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

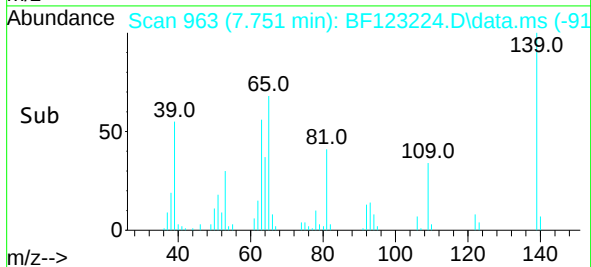
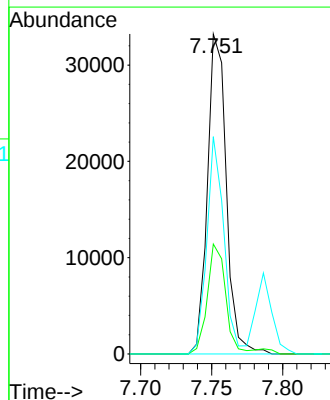
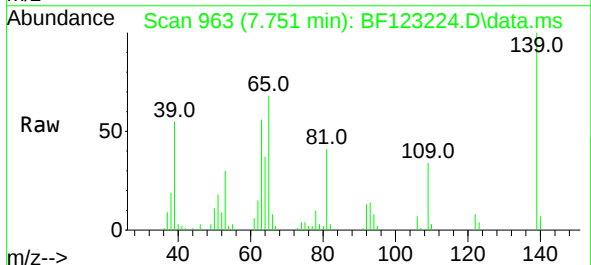
Instrument :  
BNA\_N  
ClientSampleId :

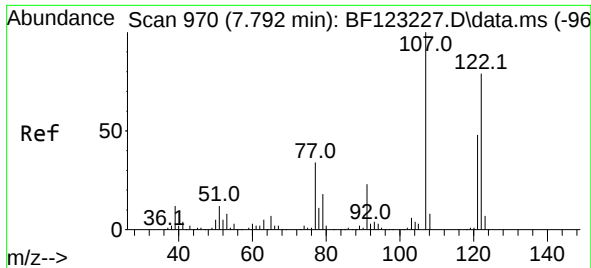
Tgt Ion: 82 Resp: 155676  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.8 8.6  
138 16.0 14.6 21.8



#26  
2-Nitrophenol  
Concen: 4.32 ng  
RT: 7.751 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:139 Resp: 30726  
Ion Ratio Lower Upper  
139 100  
109 34.3 24.0 36.0  
65 67.9 40.9 61.3#

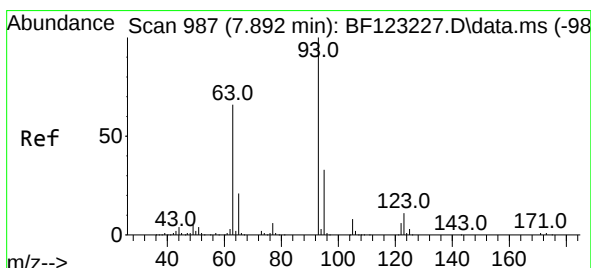
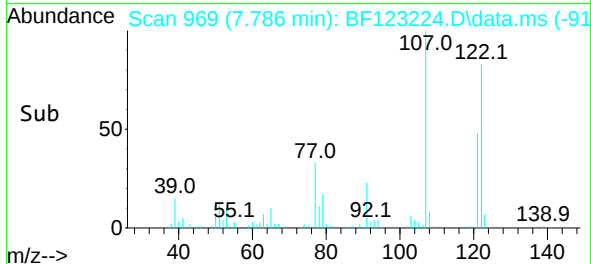
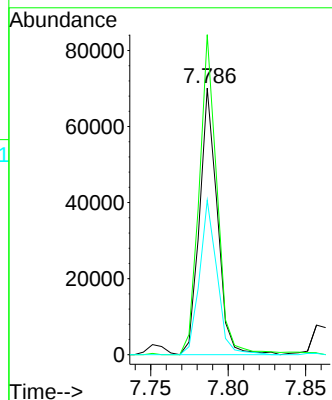
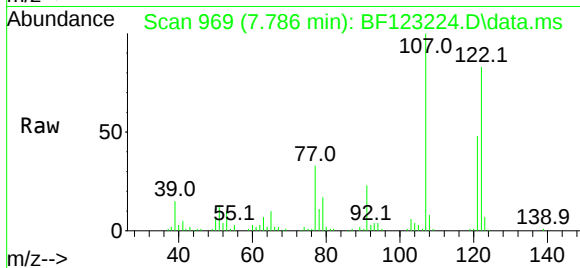




#27  
2,4-Dimethylphenol  
Concen: 5.15 ng  
RT: 7.786 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

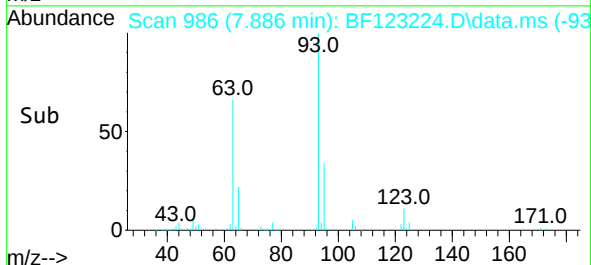
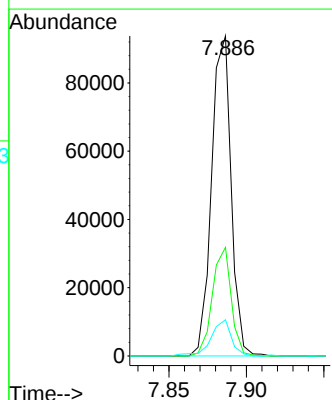
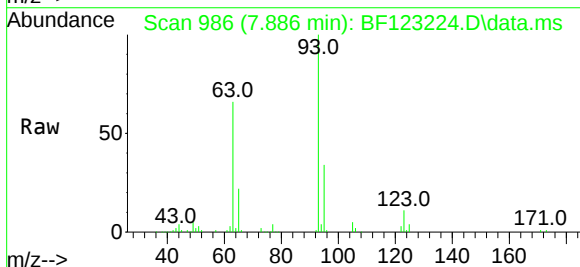
Instrument :  
BNA\_N  
ClientSampleId :

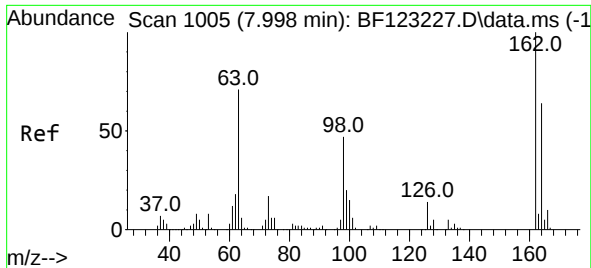
Tgt Ion:122 Resp: 55933  
Ion Ratio Lower Upper  
122 100  
107 120.0 91.8 137.8  
121 57.9 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 5.85 ng  
RT: 7.886 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion: 93 Resp: 82235  
Ion Ratio Lower Upper  
93 100  
95 34.0 26.2 39.2  
123 11.3 9.2 13.8

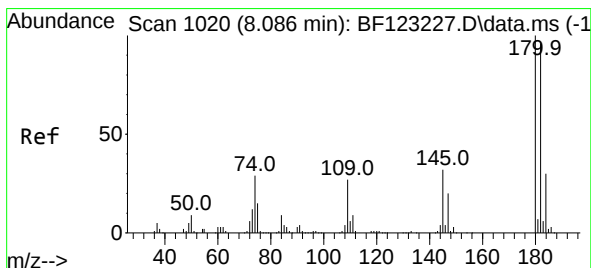
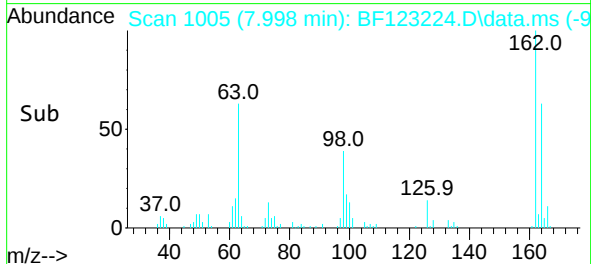
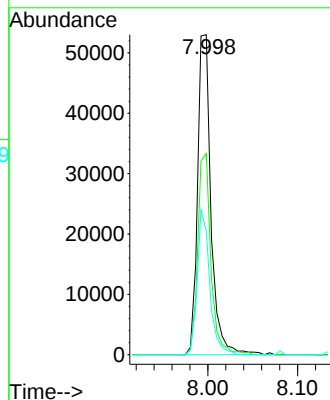
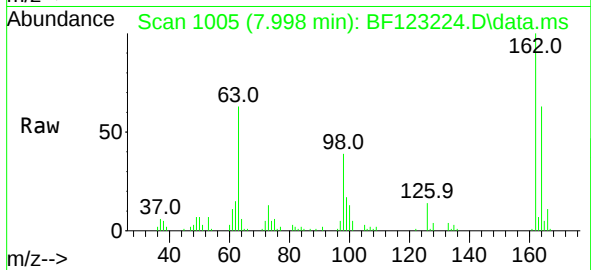




#29  
2,4-Dichlorophenol  
Concen: 5.15 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

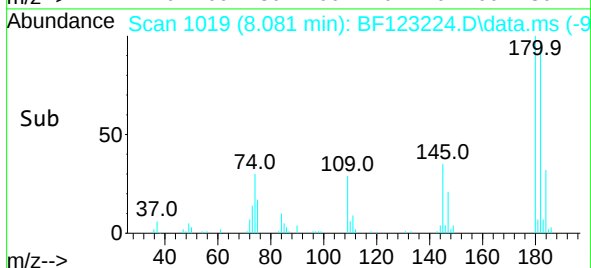
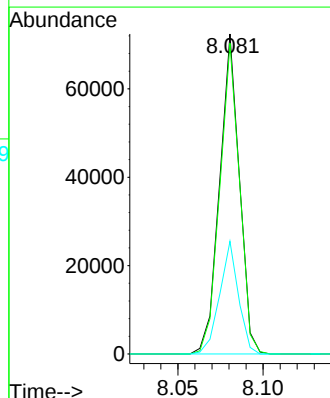
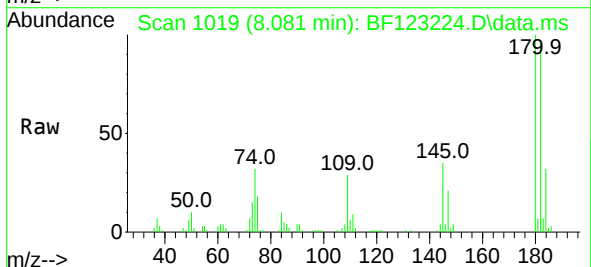
Instrument :  
BNA\_N  
ClientSampled :

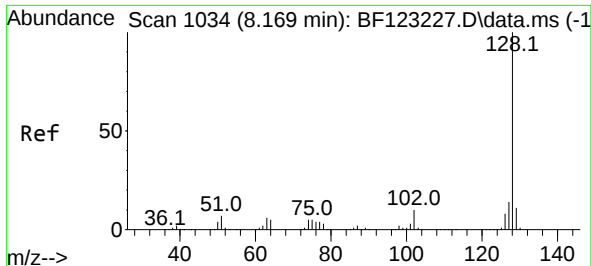
Tgt Ion:162 Resp: 55187  
Ion Ratio Lower Upper  
162 100  
164 62.8 43.2 83.2  
98 38.7 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 5.08 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:180 Resp: 58395  
Ion Ratio Lower Upper  
180 100  
182 97.1 75.7 113.5  
145 35.2 25.0 37.4

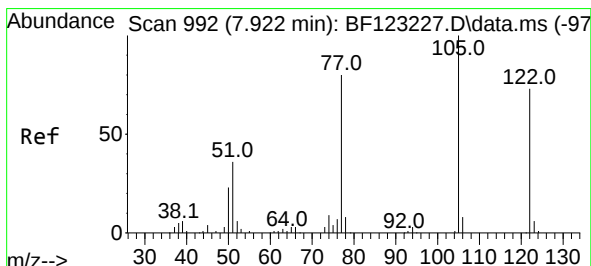
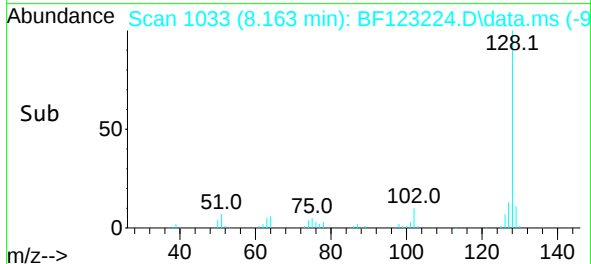
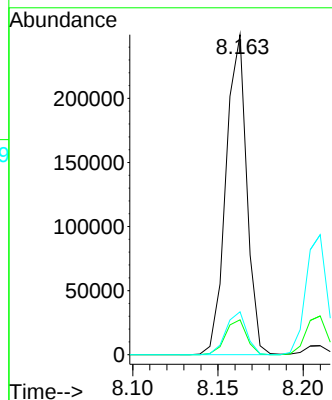
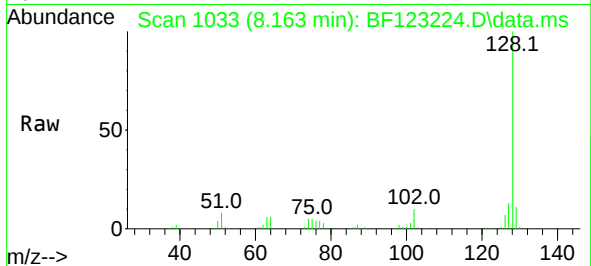




#31  
Naphthalene  
Concen: 5.36 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

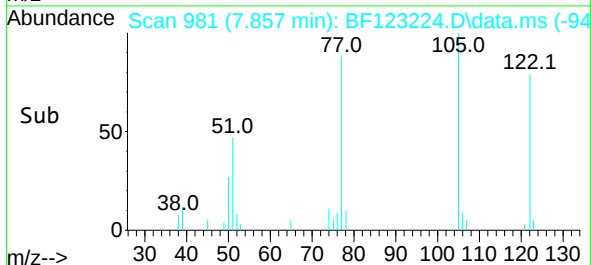
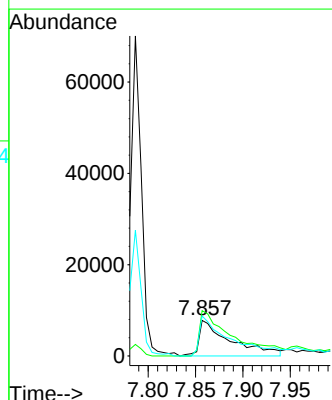
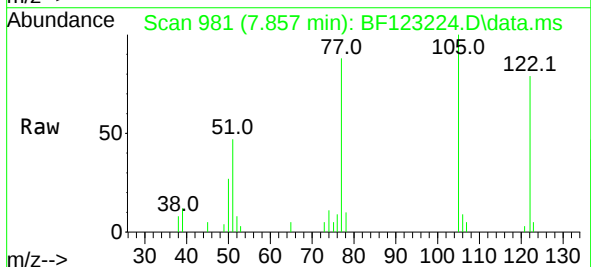
Instrument :  
BNA\_N  
ClientSampled :

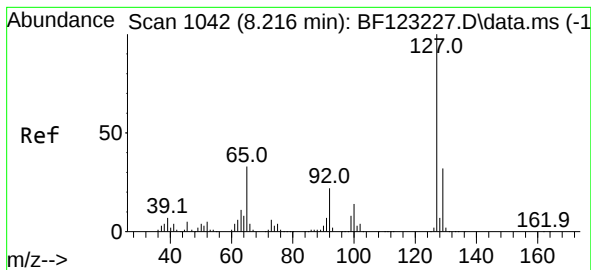
Tgt Ion:128 Resp: 211648  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 2.13 ng  
RT: 7.857 min Scan# 981  
Delta R.T. -0.065 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:122 Resp: 18005  
Ion Ratio Lower Upper  
122 100  
105 127.2 104.8 144.8  
77 112.3 71.0 111.0#

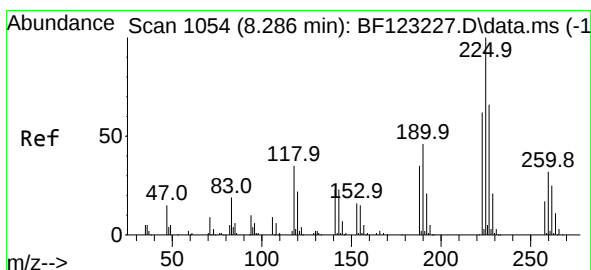
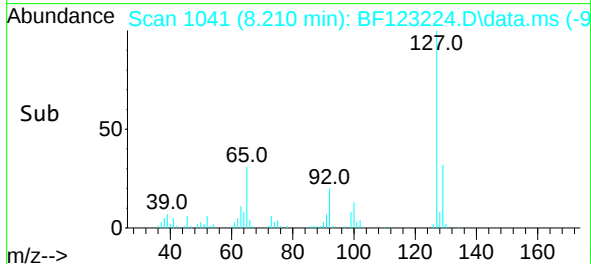
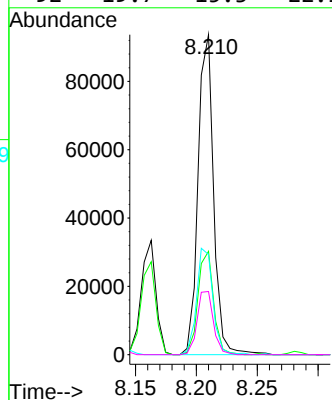
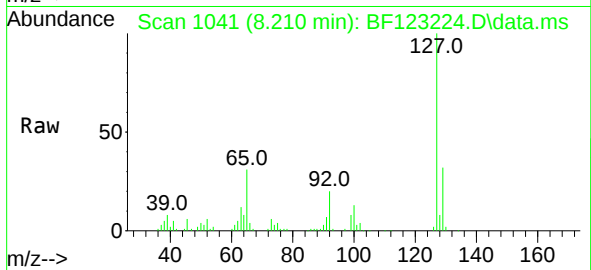




#33  
4-Chloroaniline  
Concen: 5.11 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

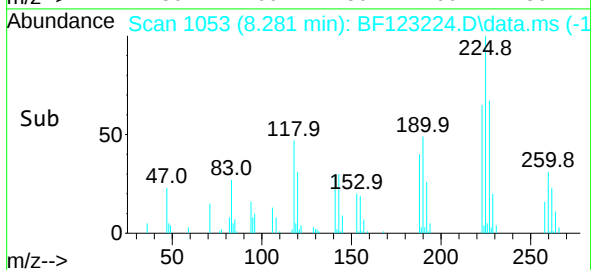
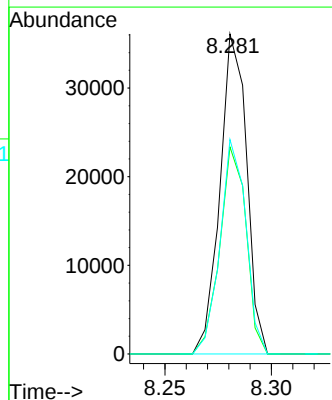
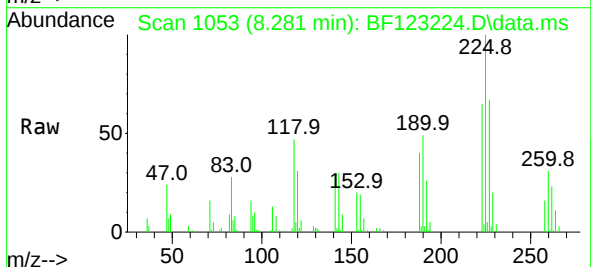
Instrument :  
BNA\_N  
ClientSampleId :

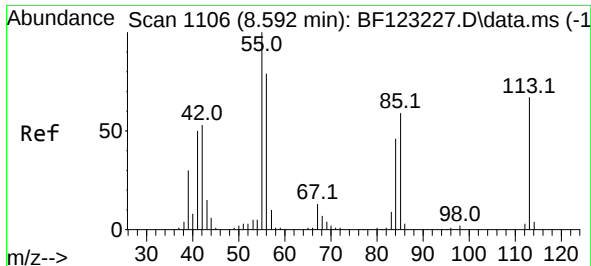
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 83438 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.3  | 26.2  | 39.2  |
| 65        | 31.3  | 22.2  | 33.2  |
| 92        | 19.7  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 4.98 ng  
RT: 8.281 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 31427 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.7  | 50.7  | 76.1  |
| 227       | 67.0  | 51.7  | 77.5  |

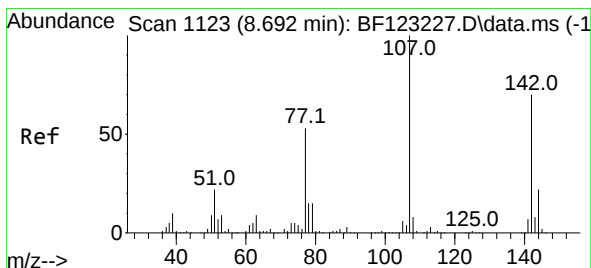
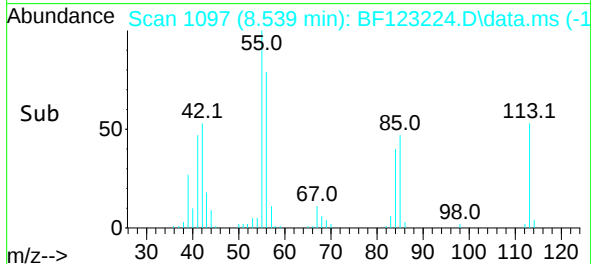
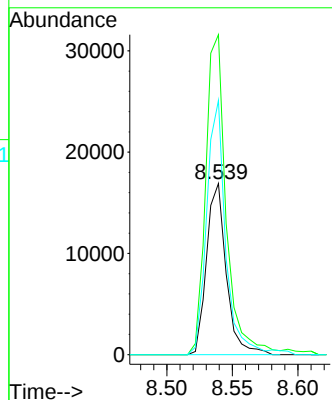
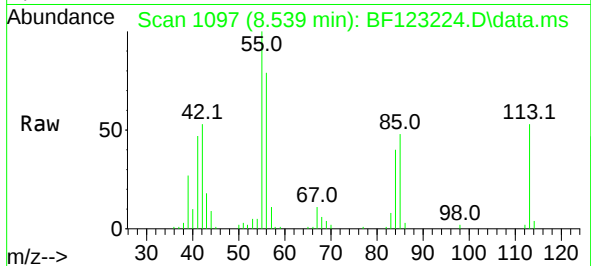




#35  
Caprolactam  
Concen: 4.73 ng  
RT: 8.539 min Scan# 1097  
Delta R.T. -0.053 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

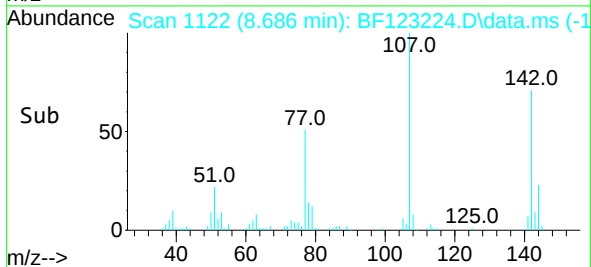
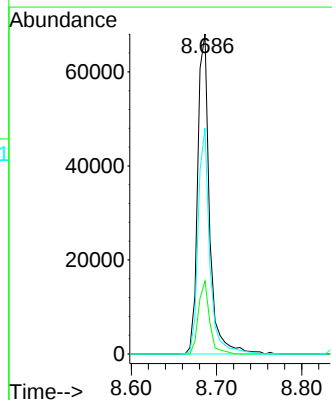
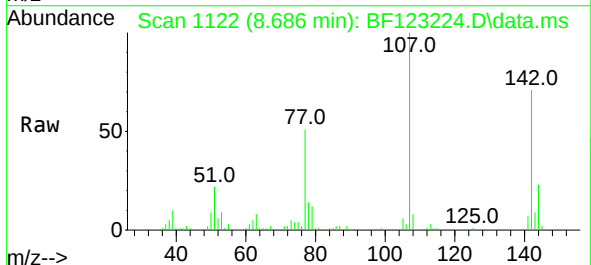
Instrument :  
BNA\_N  
ClientSampleId :

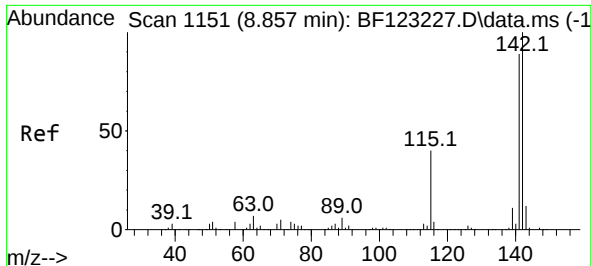
Tgt Ion:113 Resp: 17758  
Ion Ratio Lower Upper  
113 100  
55 186.9 133.7 173.7#  
56 148.6 95.3 135.3#



#36  
4-Chloro-3-methylphenol  
Concen: 5.27 ng  
RT: 8.686 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:107 Resp: 65958  
Ion Ratio Lower Upper  
107 100  
144 22.8 20.2 30.2  
142 70.6 64.4 96.6

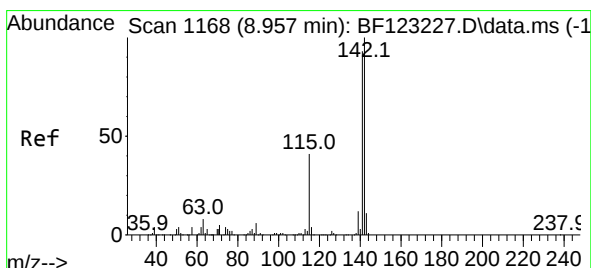
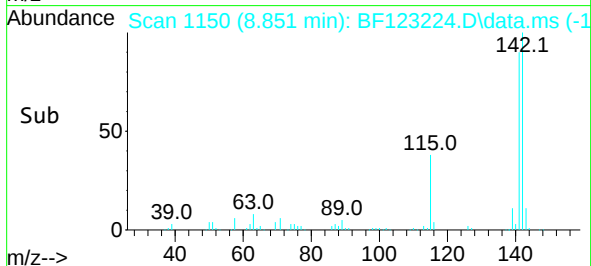
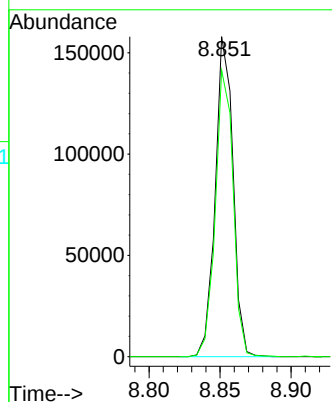
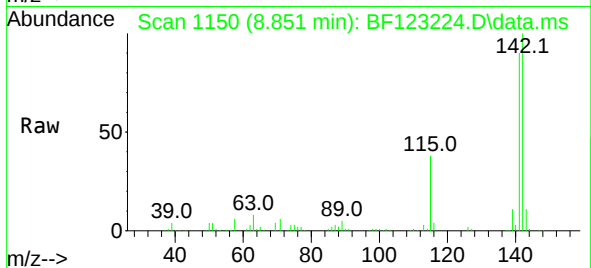




#37  
2-Methylnaphthalene  
Concen: 5.27 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

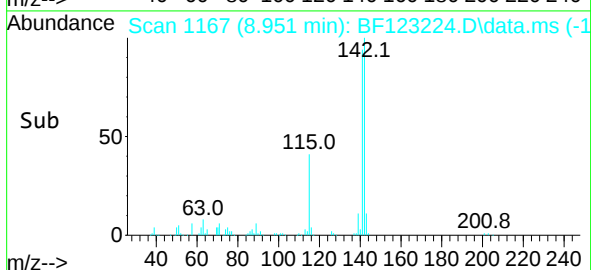
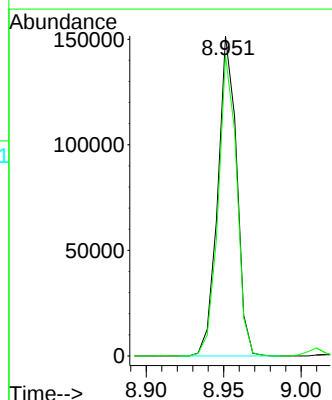
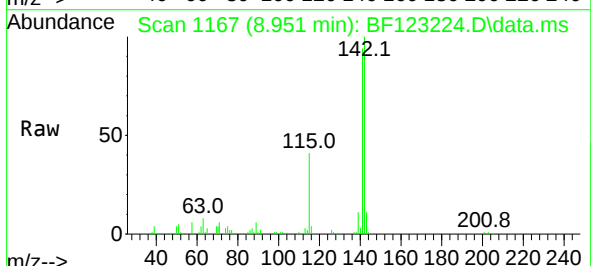
Instrument :  
BNA\_N  
ClientSampleId :

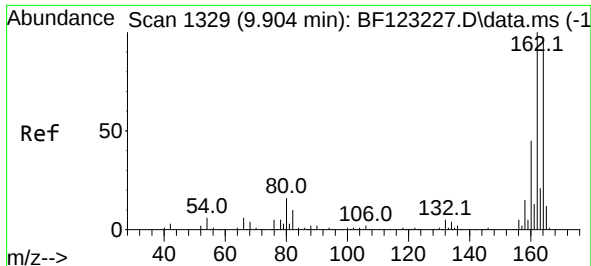
Tgt Ion:142 Resp: 137539  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 5.23 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:142 Resp: 128314  
Ion Ratio Lower Upper  
142 100  
141 93.9 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

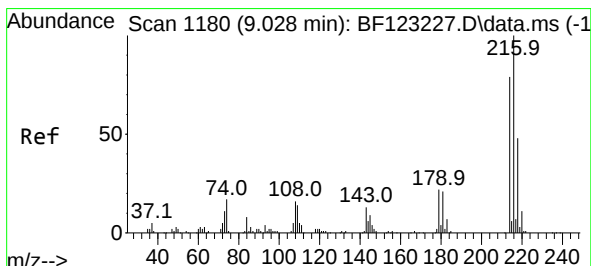
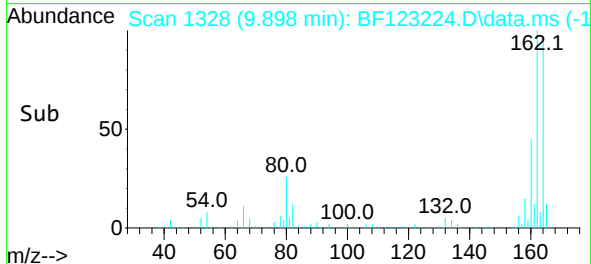
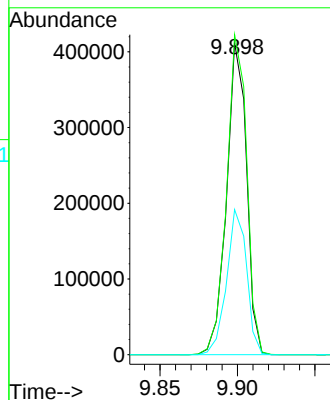
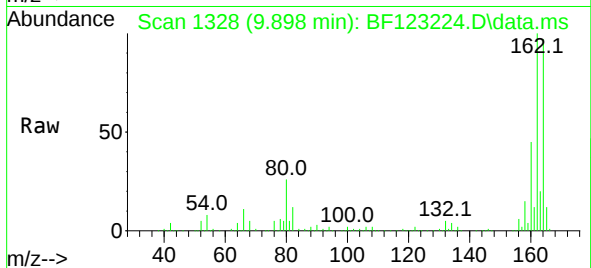
Tgt Ion:164 Resp: 368967

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 46.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.14 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

Tgt Ion:216 Resp: 52540

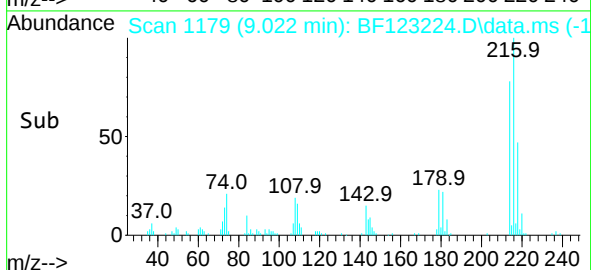
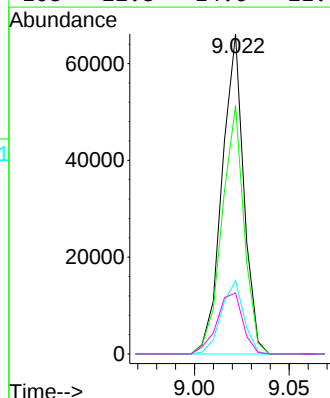
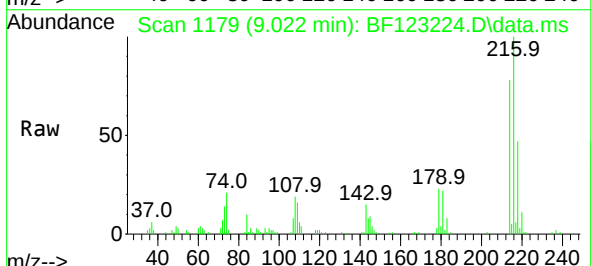
Ion Ratio Lower Upper

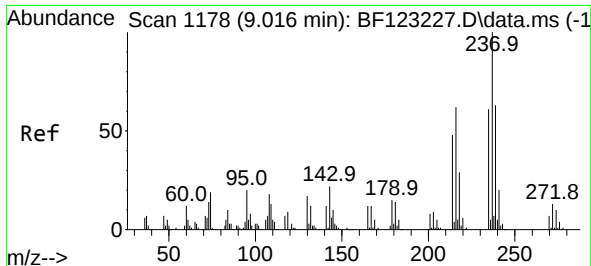
216 100

214 78.9 63.1 94.7

179 23.6 17.1 25.7

108 22.8 14.6 21.8#

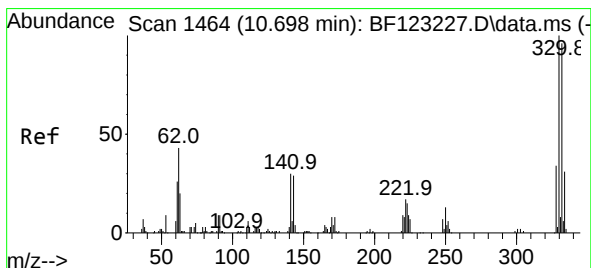
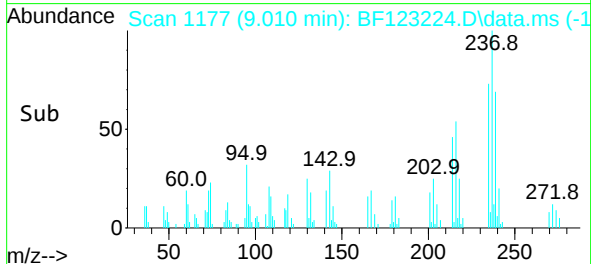
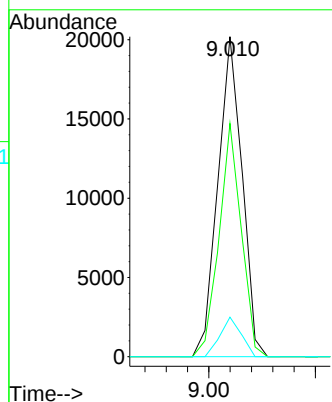
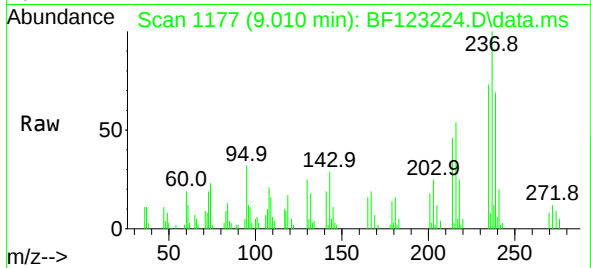




#41  
Hexachlorocyclopentadiene  
Concen: 3.40 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

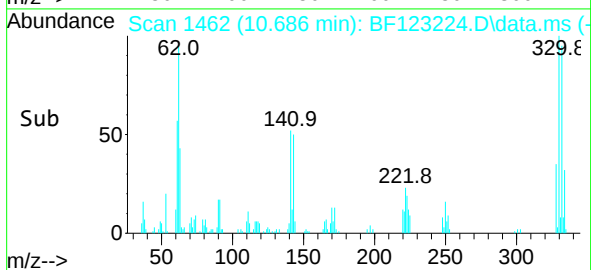
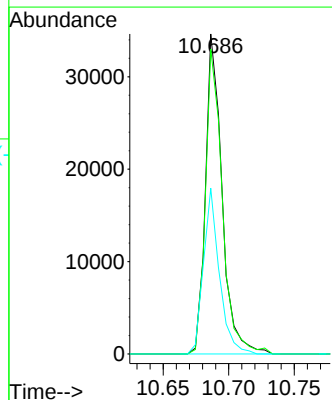
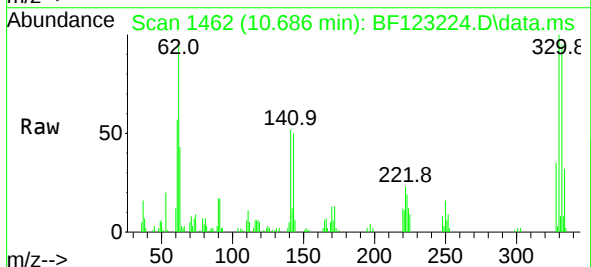
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:237 Resp: 15902  
Ion Ratio Lower Upper  
237 100  
235 72.9 40.9 80.9  
272 12.3 0.0 33.4



#42  
2,4,6-Tribromophenol  
Concen: 7.66 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:330 Resp: 30520  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.5 116.3  
141 49.8 23.8 35.8#

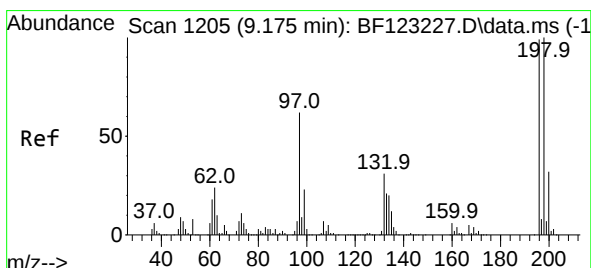
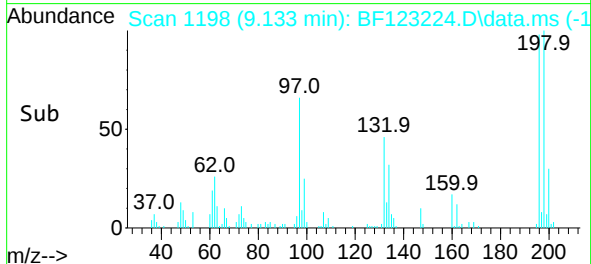
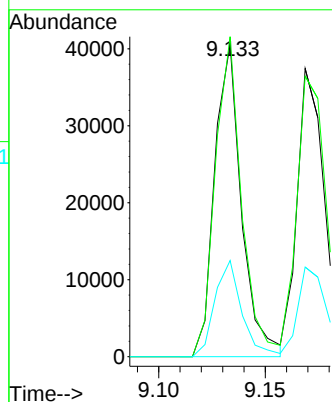
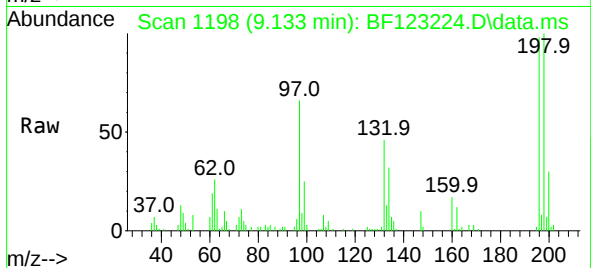




#43  
2,4,6-Trichlorophenol  
Concen: 4.63 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.000 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

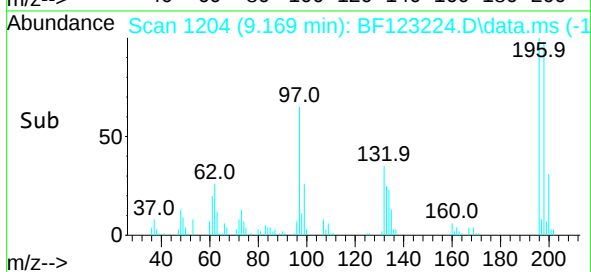
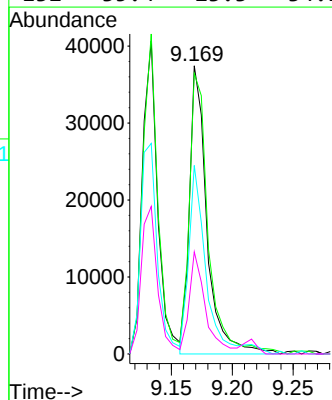
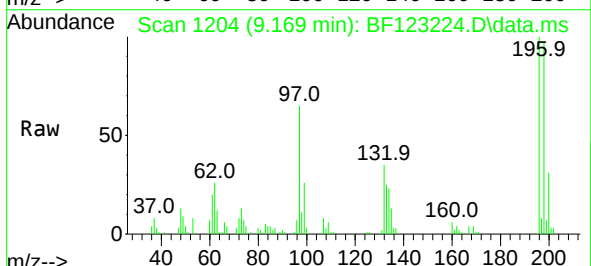
Instrument :  
BNA\_N  
ClientSampleId :

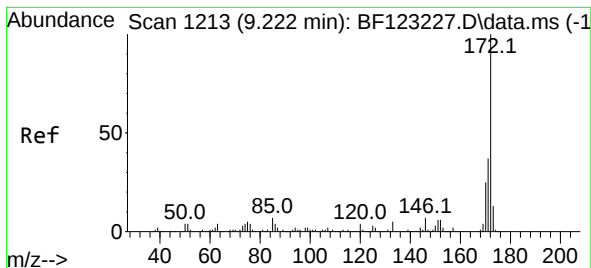
Tgt Ion:196 Resp: 35625  
Ion Ratio Lower Upper  
196 100  
198 102.3 75.1 112.7  
200 30.7 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 4.47 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:196 Resp: 37433  
Ion Ratio Lower Upper  
196 100  
198 97.3 76.5 114.7  
97 65.4 40.1 60.1#  
132 35.4 23.3 34.9#





#45

2-Fluorobiphenyl

Concen: 10.92 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

Tgt Ion:172 Resp: 269635

Ion Ratio Lower Upper

172 100

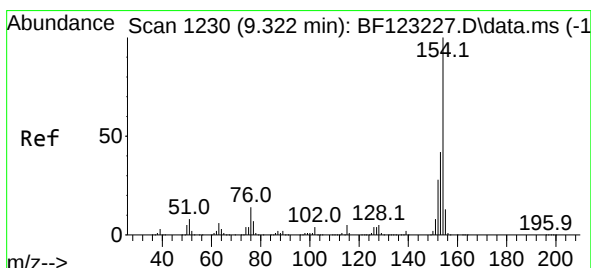
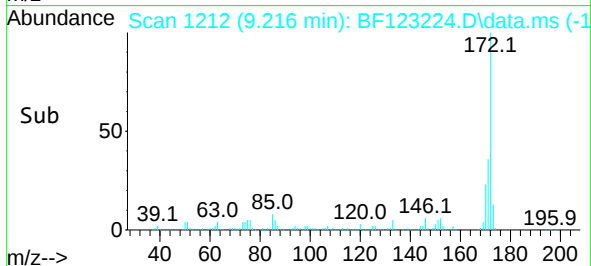
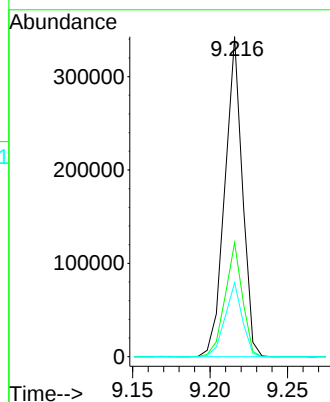
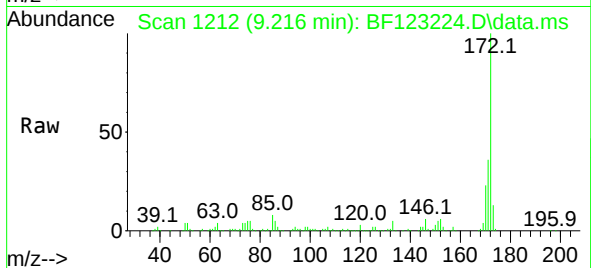
171 35.6 29.6 44.4

170 23.1 19.5 29.3

Instrument :

BNA\_N

ClientSampleId :



#46

1,1'-Biphenyl

Concen: 5.33 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

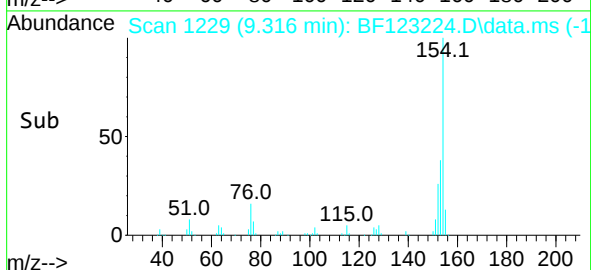
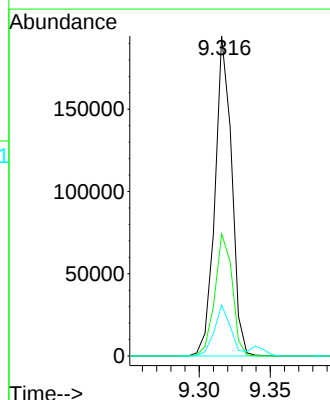
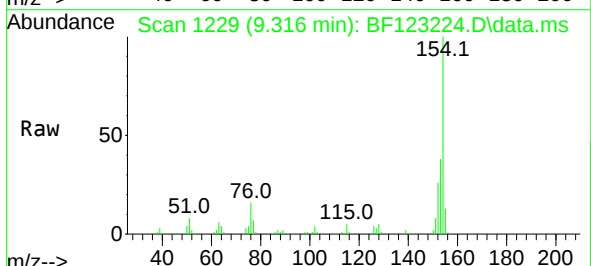
Tgt Ion:154 Resp: 158801

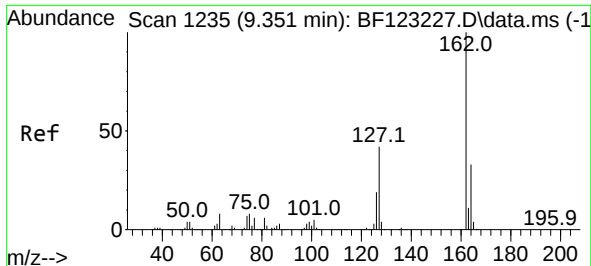
Ion Ratio Lower Upper

154 100

153 38.1 21.8 61.8

76 15.9 0.0 33.4

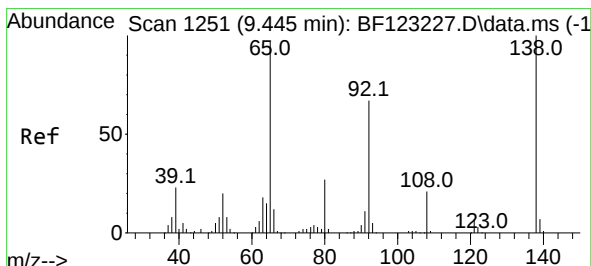
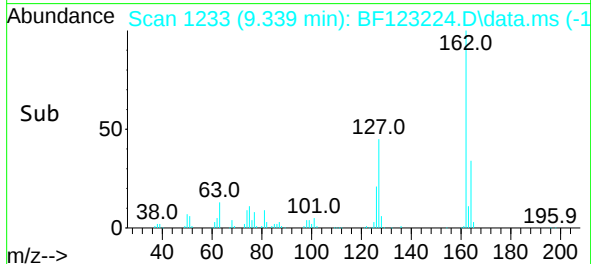
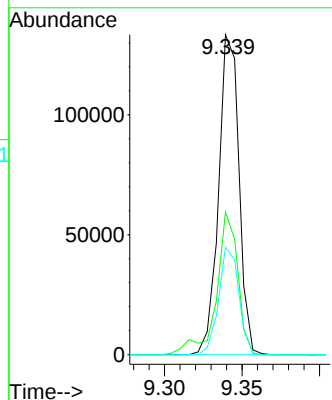
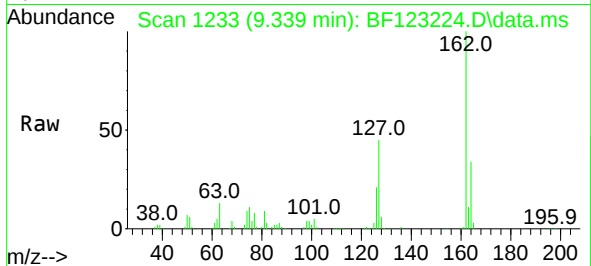




#47  
2-Chloronaphthalene  
Concen: 5.12 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

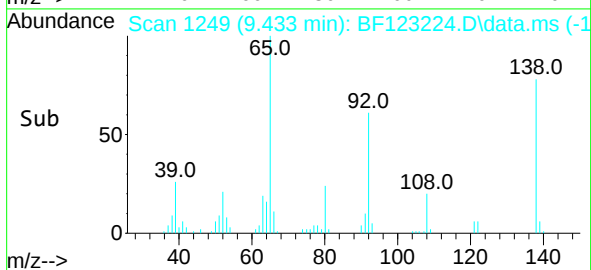
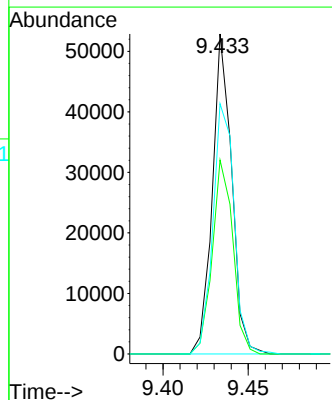
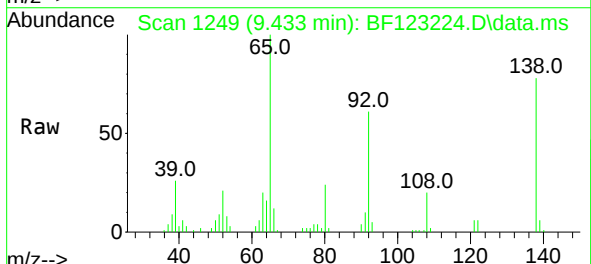
Instrument :  
BNA\_N  
ClientSampleId :

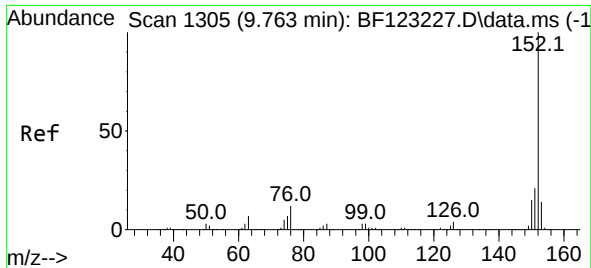
Tgt Ion:162 Resp: 122029  
Ion Ratio Lower Upper  
162 100  
127 44.5 33.8 50.8  
164 33.6 26.5 39.7



#48  
2-Nitroaniline  
Concen: 5.23 ng  
RT: 9.433 min Scan# 1249  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion: 65 Resp: 41739  
Ion Ratio Lower Upper  
65 100  
92 60.6 60.0 90.0  
138 78.2 100.6 151.0#

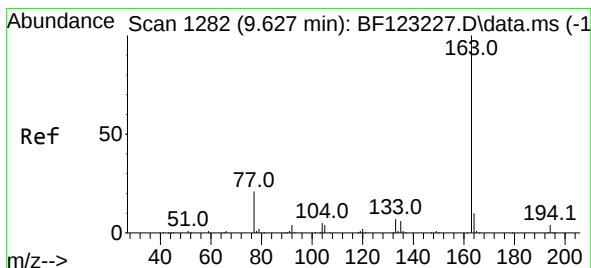
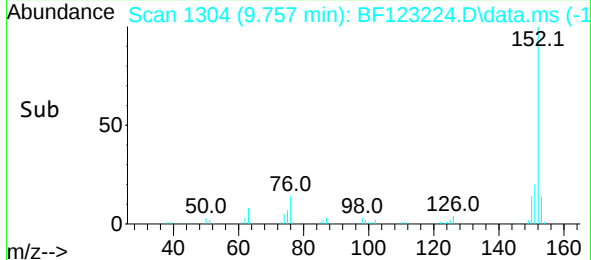
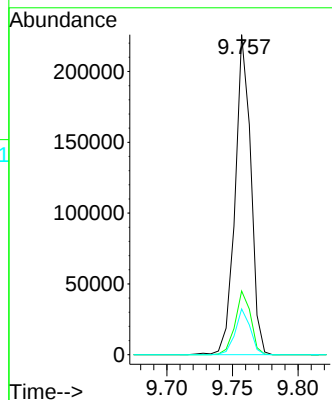
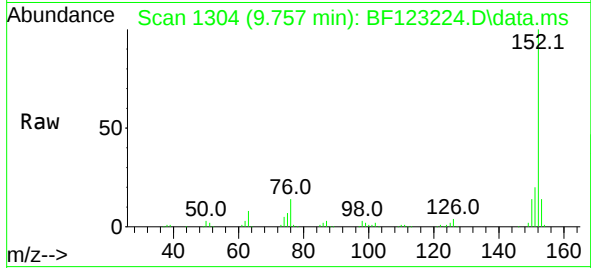




#49  
Acenaphthylene  
Concen: 4.90 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

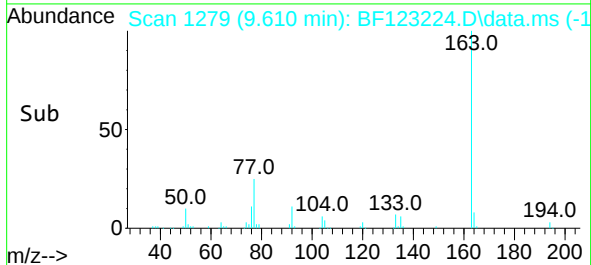
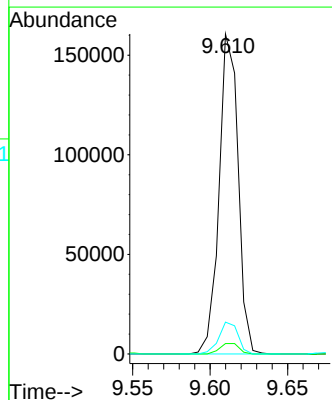
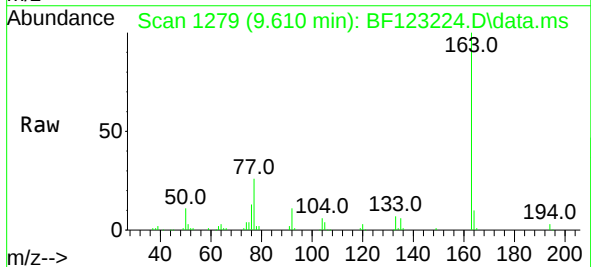
Instrument :  
BNA\_N  
ClientSampleId :

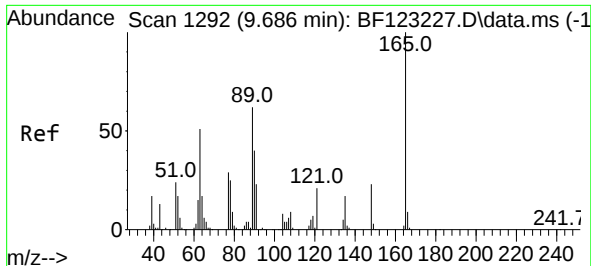
Tgt Ion:152 Resp: 187890  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.6 25.0  
153 14.3 10.9 16.3



#50  
Dimethylphthalate  
Concen: 5.13 ng  
RT: 9.610 min Scan# 1279  
Delta R.T. -0.018 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:163 Resp: 137236  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.4 5.0#  
164 9.9 8.1 12.1

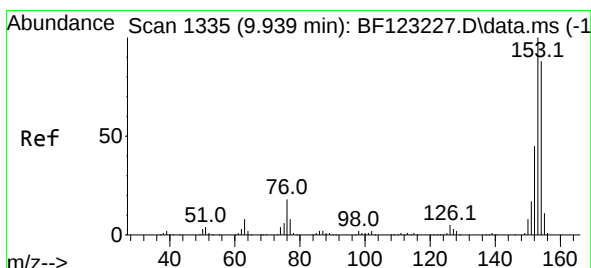
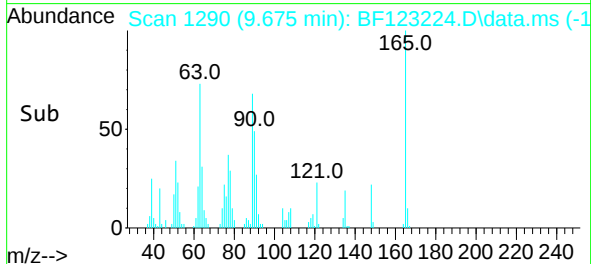
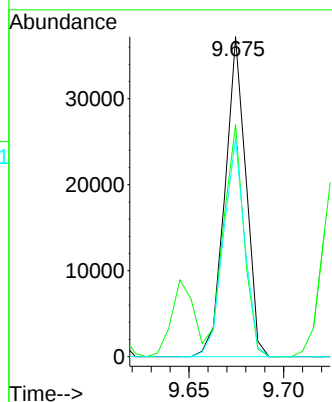
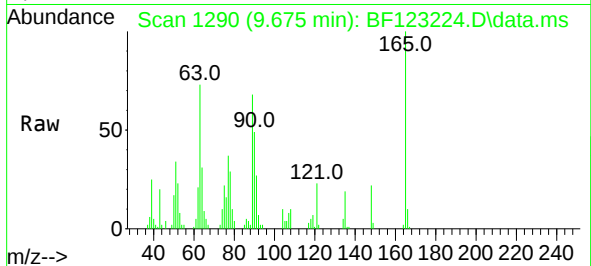




#51  
2,6-Dinitrotoluene  
Concen: 4.47 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

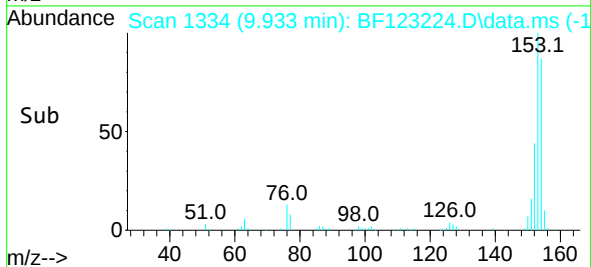
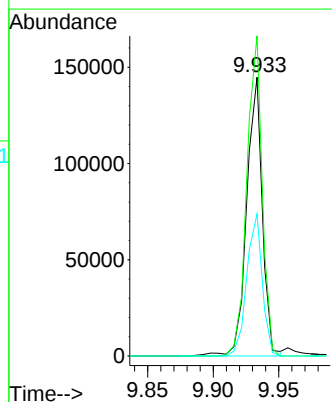
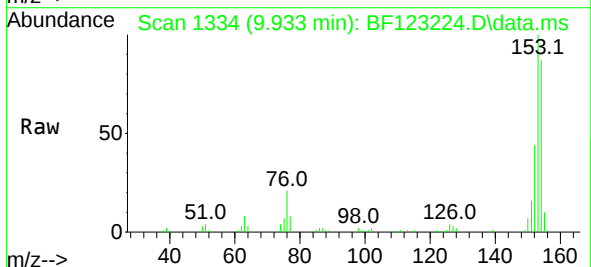
Instrument :  
BNA\_N  
ClientSampled :

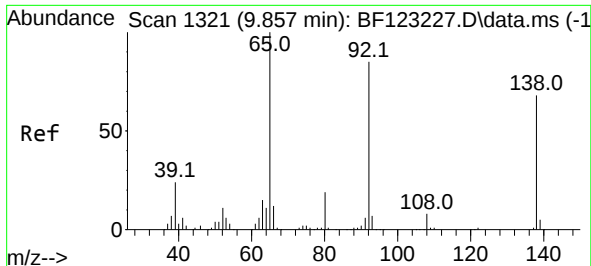
Tgt Ion:165 Resp: 28731  
Ion Ratio Lower Upper  
165 100  
63 72.5 36.6 55.0#  
89 68.3 39.4 59.0#



#52  
Acenaphthene  
Concen: 4.83 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:154 Resp: 120402  
Ion Ratio Lower Upper  
154 100  
153 114.8 89.0 133.6  
152 51.0 42.7 64.1

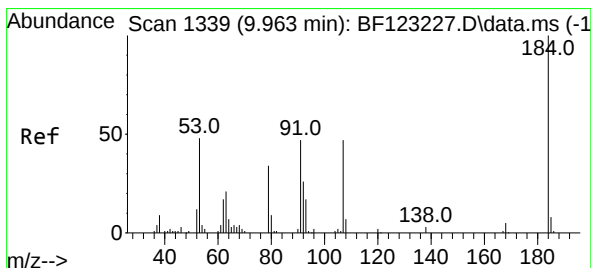
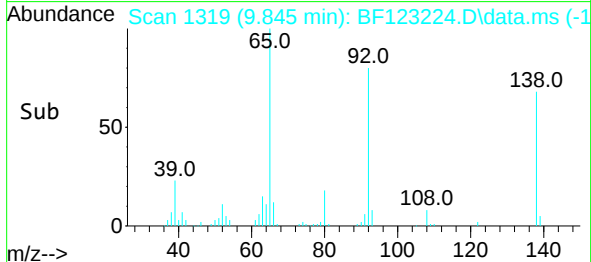
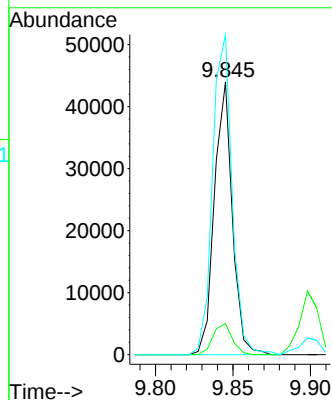
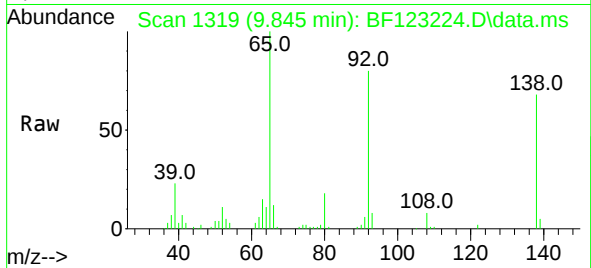




#53  
3-Nitroaniline  
Concen: 4.64 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

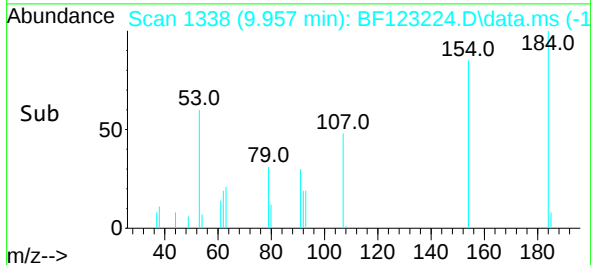
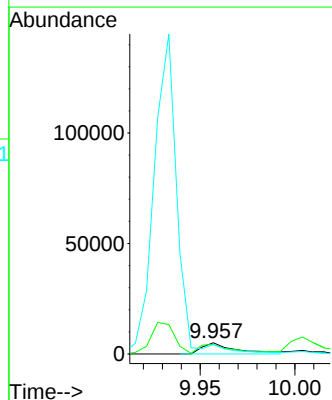
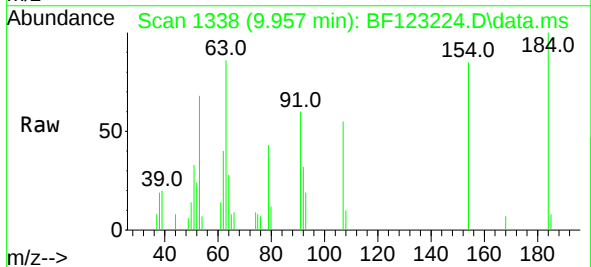
Instrument :  
BNA\_N  
ClientSampleId :

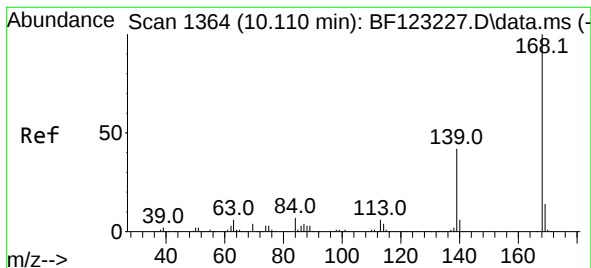
Tgt Ion:138 Resp: 35460  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.2 12.2  
92 117.4 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 1.83 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:184 Resp: 6230  
Ion Ratio Lower Upper  
184 100  
63 86.5 51.4 77.2#  
154 84.7 49.7 74.5#

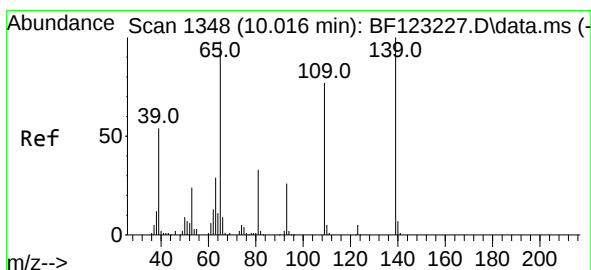
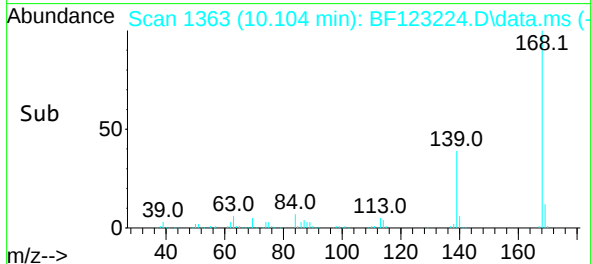
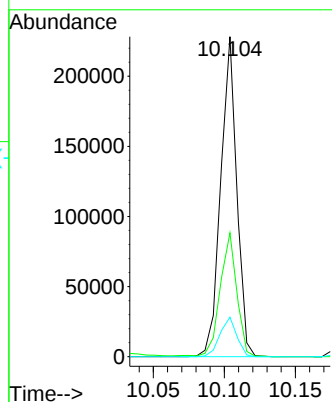
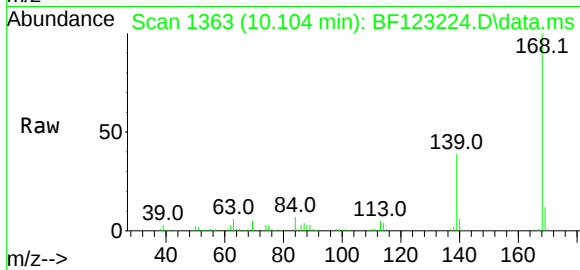




#55  
Dibenzenofuran  
Concen: 5.31 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

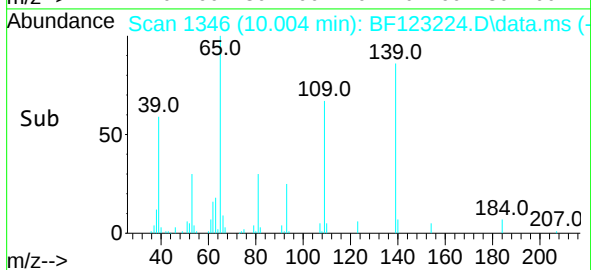
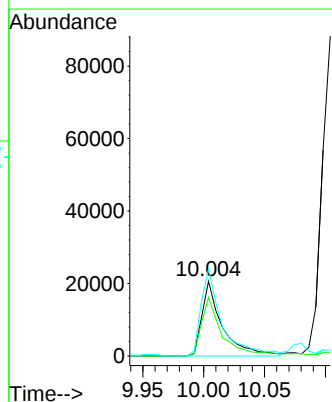
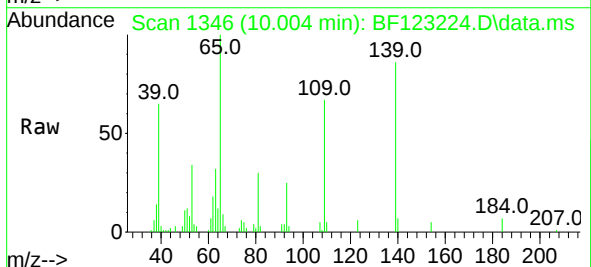
Instrument :  
BNA\_N  
ClientSampleId :

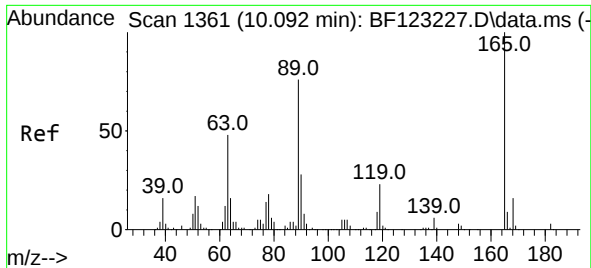
Tgt Ion:168 Resp: 179078  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.3 46.9  
169 12.3 11.2 16.8



#56  
4-Nitrophenol  
Concen: 3.82 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:139 Resp: 24016  
Ion Ratio Lower Upper  
139 100  
109 78.5 45.1 85.1  
65 116.4 59.2 99.2#

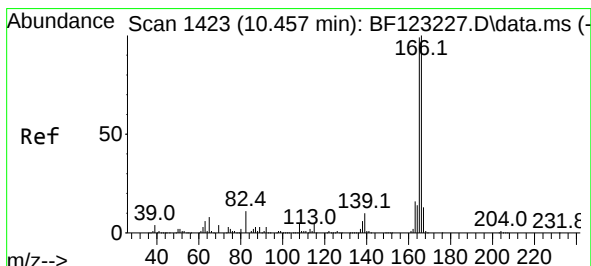
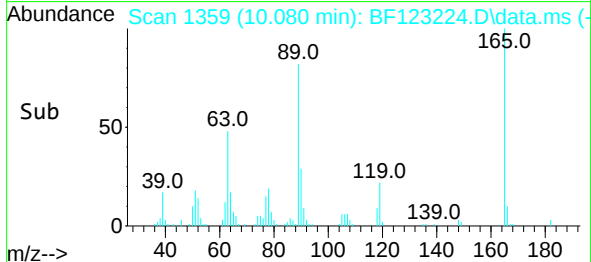
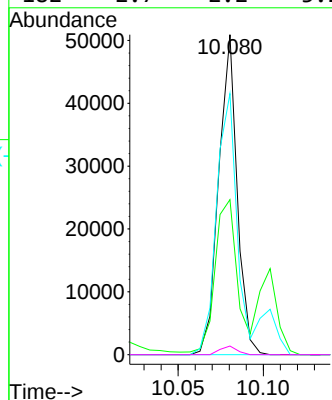
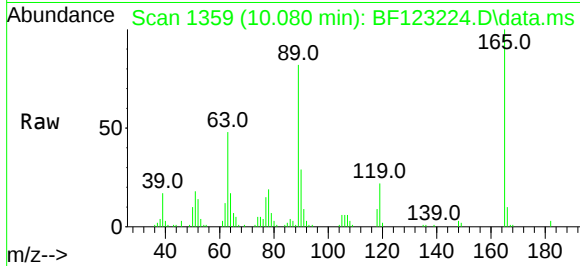




#57  
2,4-Dinitrotoluene  
Concen: 4.43 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

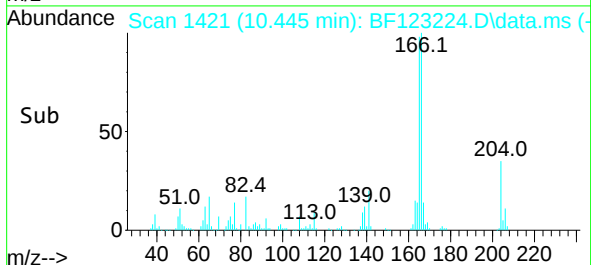
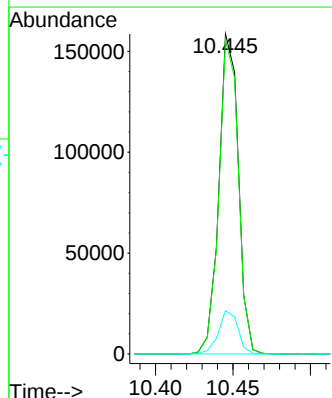
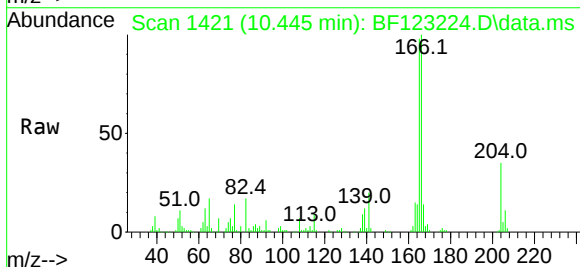
Instrument :  
BNA\_N  
ClientSampleId :

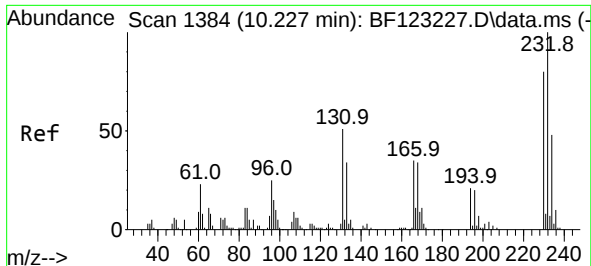
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 38456 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 48.5  | 34.3  | 51.5  |
| 89        | 81.6  | 55.2  | 82.8  |
| 182       | 2.7   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 5.28 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

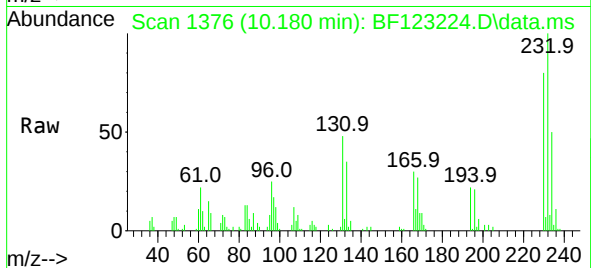
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 138173 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 79.4  | 119.0  |
| 167       | 13.6  | 10.9  | 16.3   |



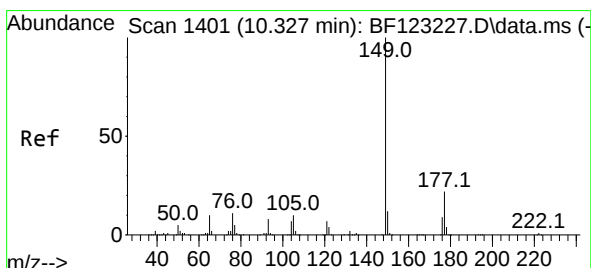
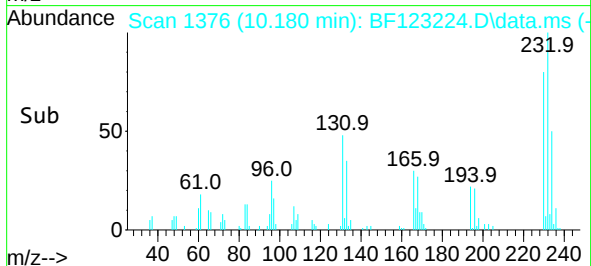
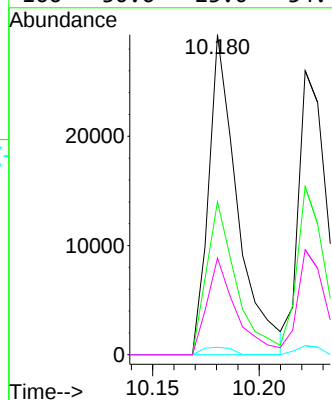


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.17 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. -0.047 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

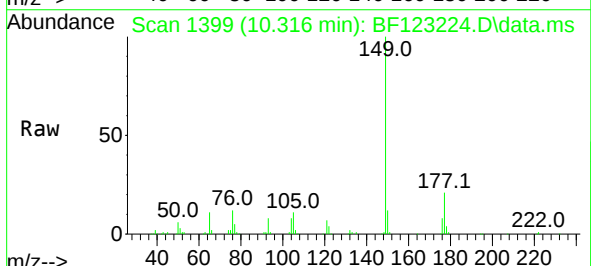
Instrument :  
BNA\_N  
ClientSampleId :



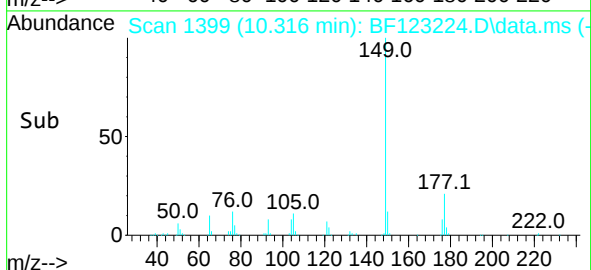
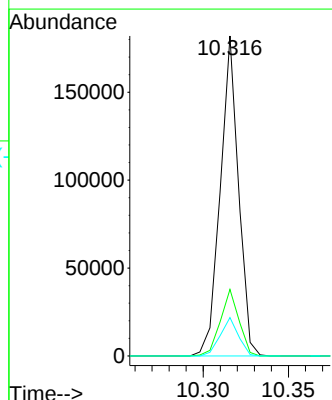
Tgt Ion:232 Resp: 27649  
Ion Ratio Lower Upper  
232 100  
131 49.2 33.0 49.4  
130 2.4 1.7 2.5  
166 30.6 23.0 34.4

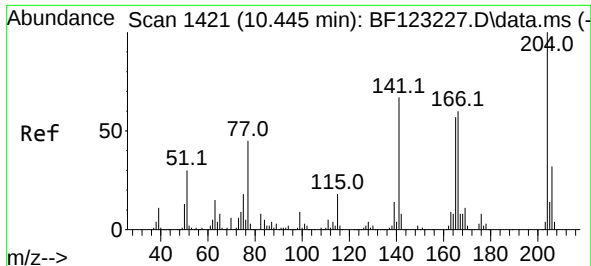


#60  
Diethylphthalate  
Concen: 4.99 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22



Tgt Ion:149 Resp: 135369  
Ion Ratio Lower Upper  
149 100  
177 20.8 18.2 27.4  
150 12.0 10.1 15.1

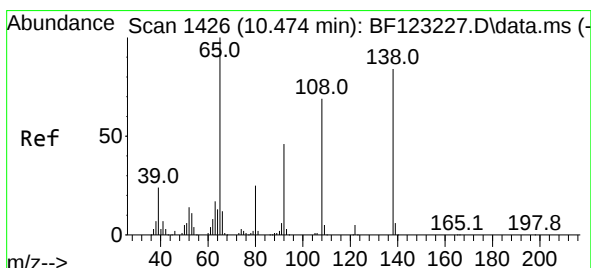
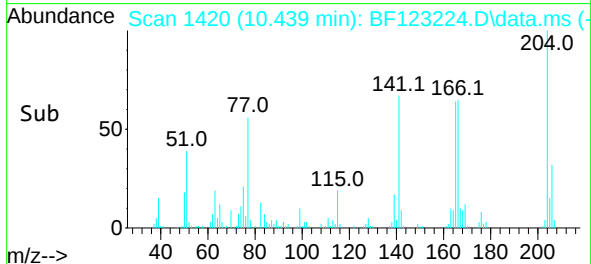
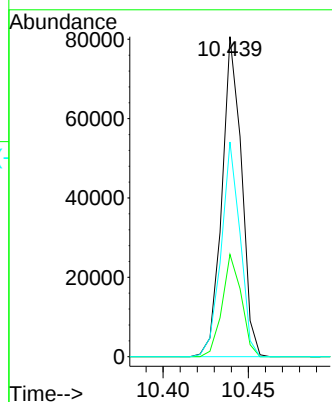
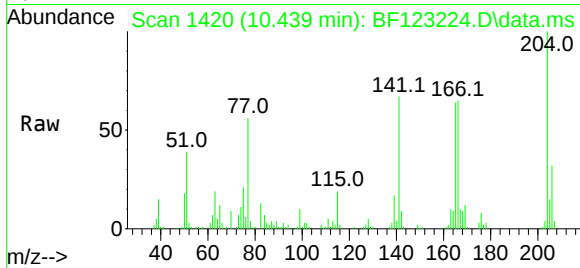




#61  
4-Chlorophenyl-phenylether  
Concen: 5.52 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

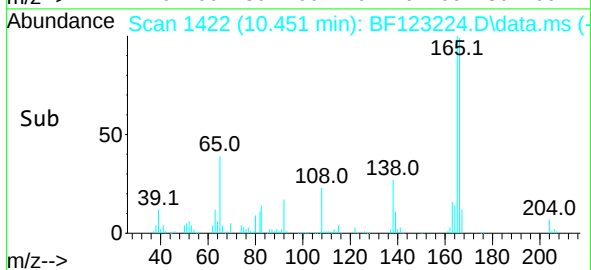
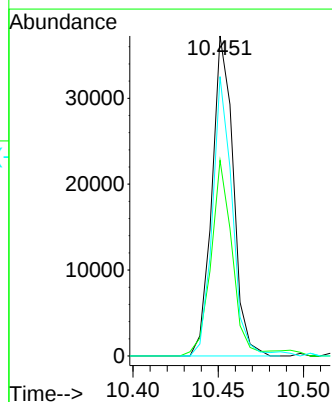
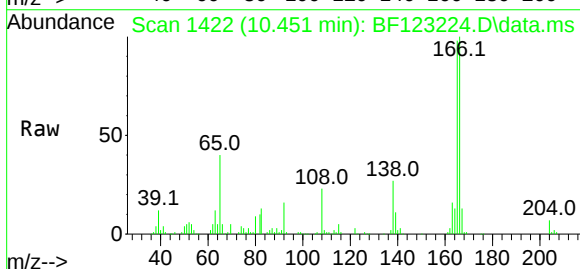
Instrument :  
BNA\_N  
ClientSampleId :

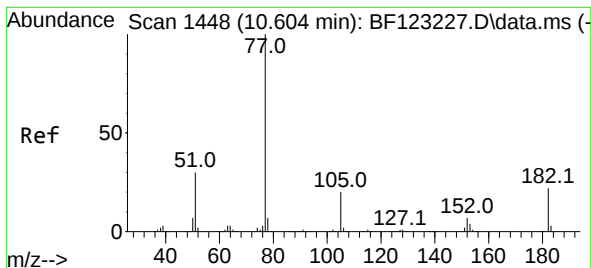
Tgt Ion:204 Resp: 64382  
Ion Ratio Lower Upper  
204 100  
206 32.0 27.0 40.4  
141 67.1 50.4 75.6



#62  
4-Nitroaniline  
Concen: 4.20 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.023 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:138 Resp: 32414  
Ion Ratio Lower Upper  
138 100  
92 61.2 31.0 71.0  
108 87.3 54.8 94.8





#63

Azobenzene

Concen: 6.09 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

Tgt Ion: 77 Resp: 172997

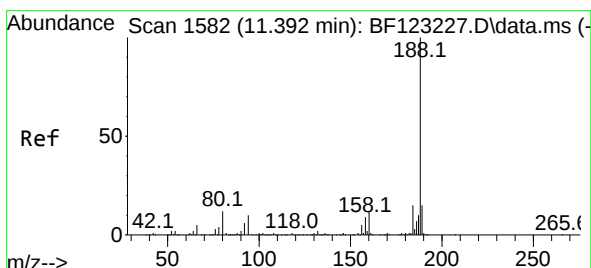
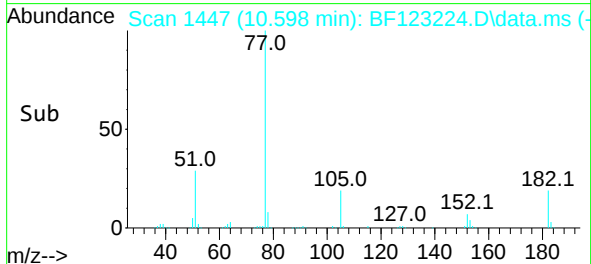
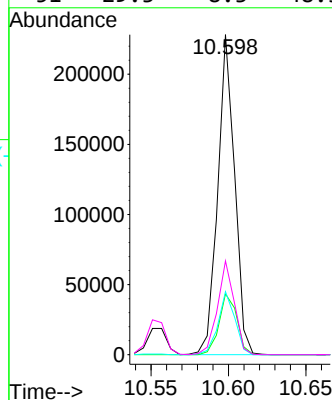
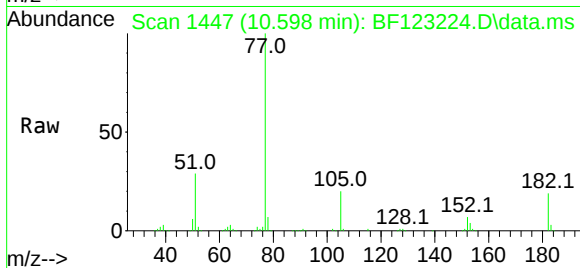
Ion Ratio Lower Upper

77 100

182 19.0 5.6 45.6

105 19.7 1.8 41.8

51 29.3 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

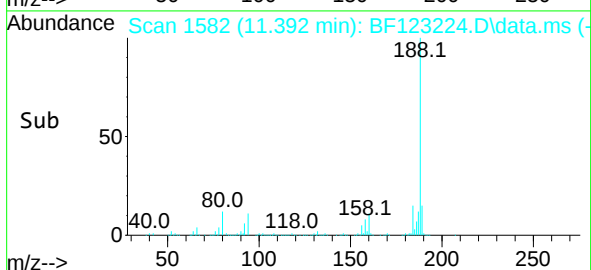
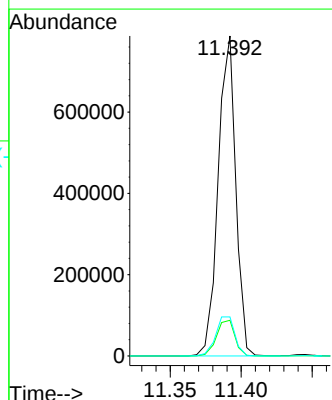
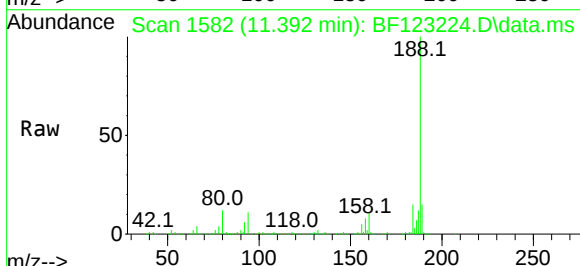
Tgt Ion: 188 Resp: 677216

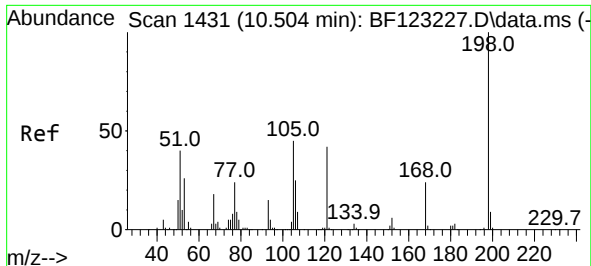
Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 12.2 8.2 12.4

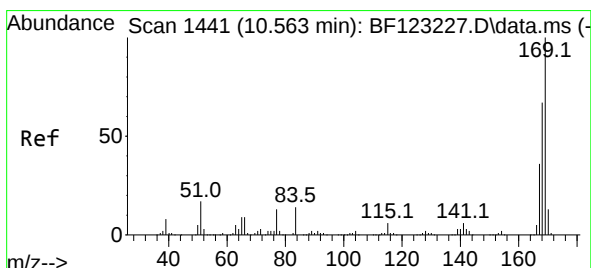
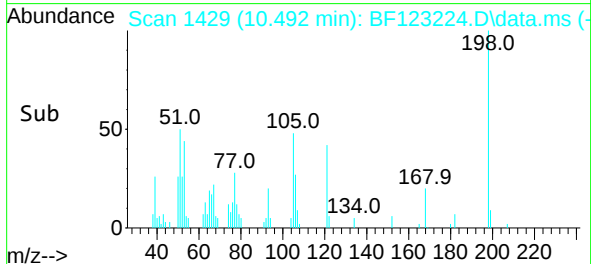
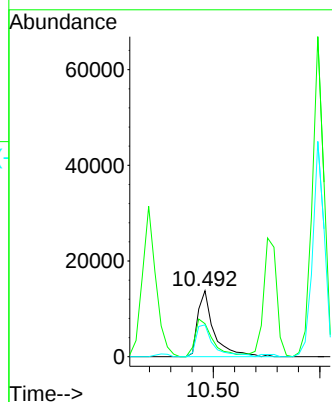
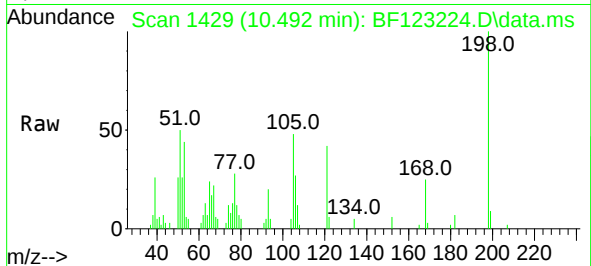




#65  
4,6-Dinitro-2-methylphenol  
Concen: 3.33 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

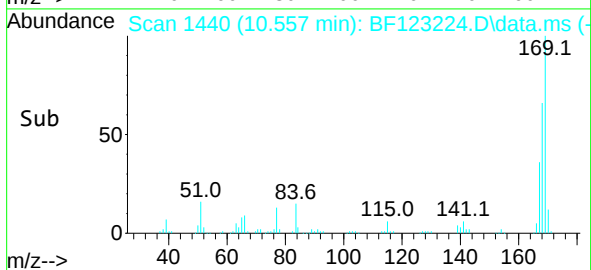
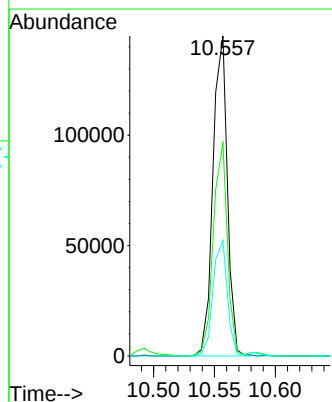
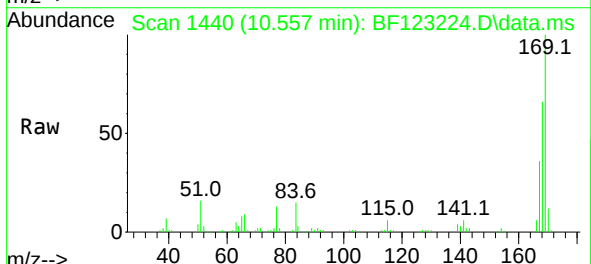
Instrument :  
BNA\_N  
ClientSampleId :

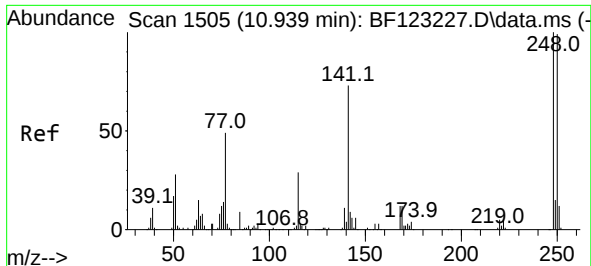
Tgt Ion:198 Resp: 14538  
Ion Ratio Lower Upper  
198 100  
51 50.1 20.3 60.3  
105 48.3 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 5.19 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:169 Resp: 118827  
Ion Ratio Lower Upper  
169 100  
168 66.5 54.2 81.2  
167 36.2 29.2 43.8

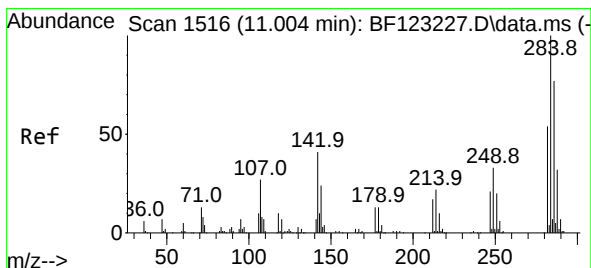
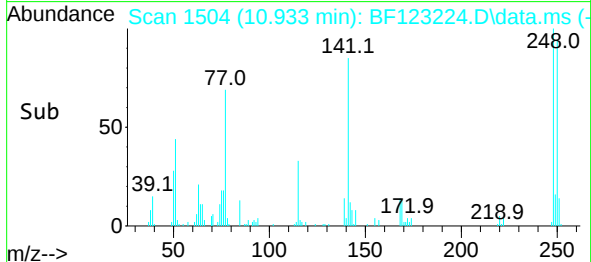
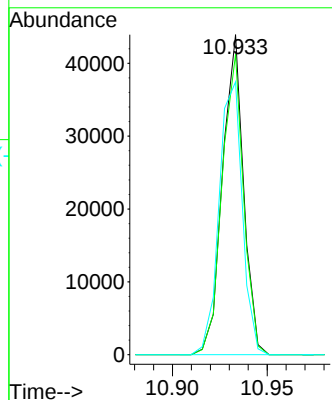
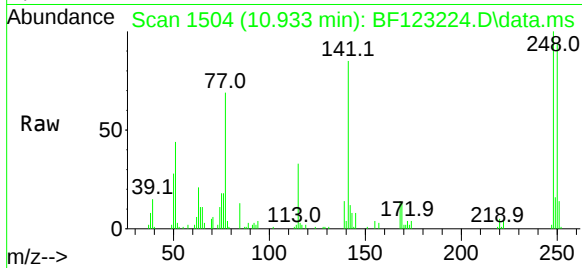




#67  
4-Bromophenyl-phenylether  
Concen: 4.72 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

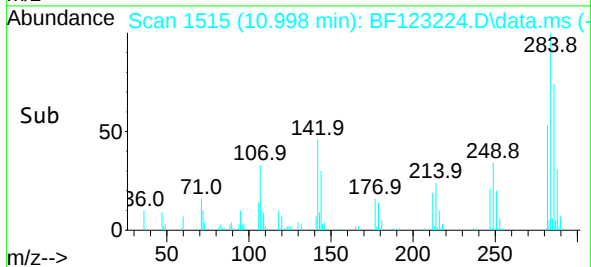
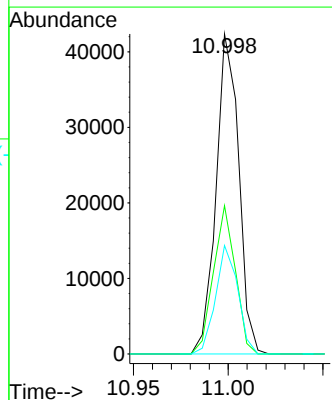
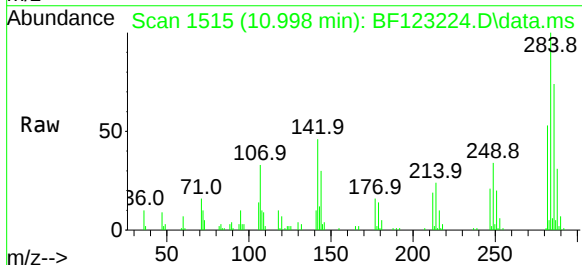
Instrument :  
BNA\_N  
ClientSampled :

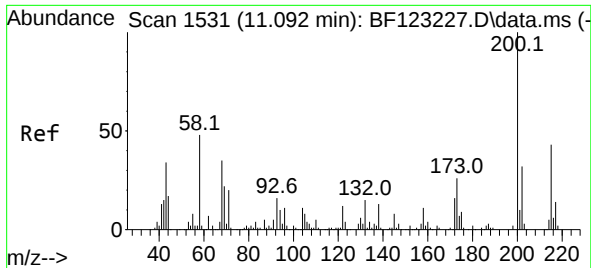
Tgt Ion:248 Resp: 33932  
Ion Ratio Lower Upper  
248 100  
250 93.9 76.8 115.2  
141 85.3 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 4.48 ng  
RT: 10.998 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:284 Resp: 35259  
Ion Ratio Lower Upper  
284 100  
142 46.3 25.6 38.4#  
249 33.9 25.1 37.7

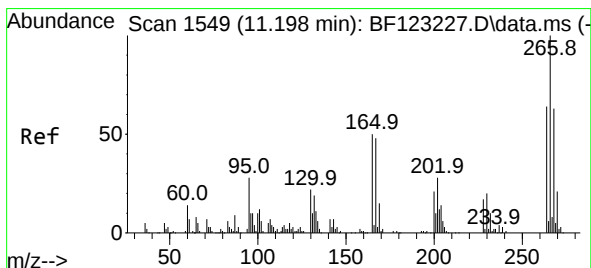
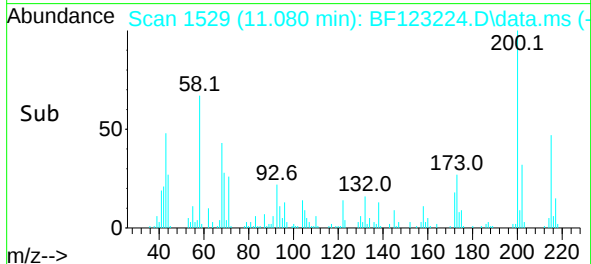
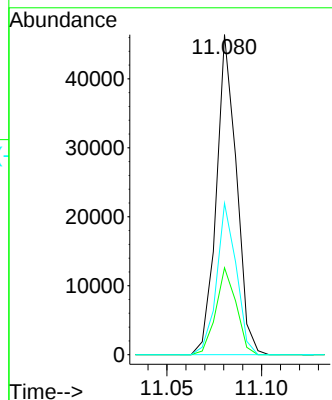
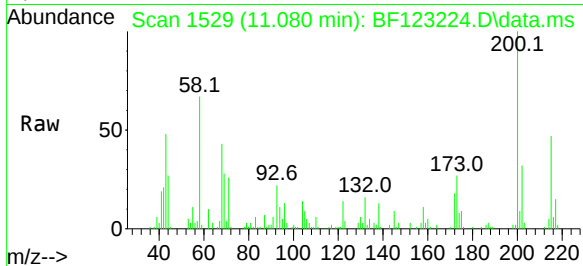




#69  
Atrazine  
Concen: 5.02 ng  
RT: 11.080 min Scan# 1529  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

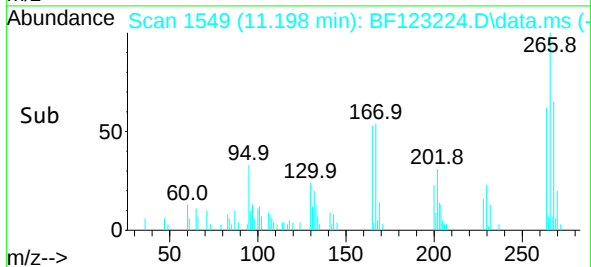
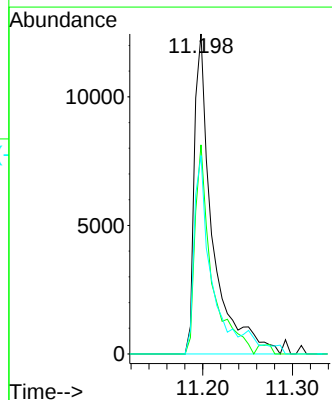
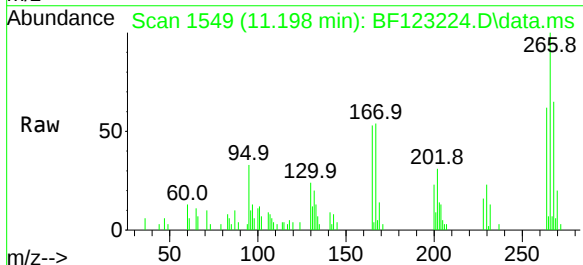
Instrument :  
BNA\_N  
ClientSampleId :

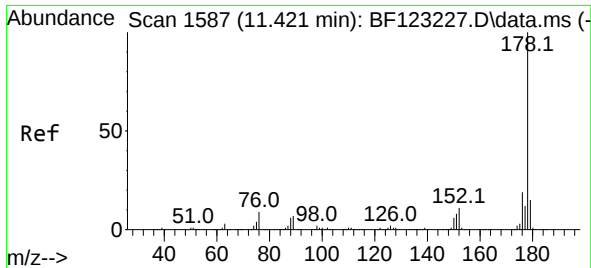
Tgt Ion:200 Resp: 34231  
Ion Ratio Lower Upper  
200 100  
173 27.1 6.6 46.6  
215 47.3 28.1 68.1



#70  
Pentachlorophenol  
Concen: 3.55 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:266 Resp: 17414  
Ion Ratio Lower Upper  
266 100  
268 65.4 50.5 75.7  
264 62.0 49.8 74.8

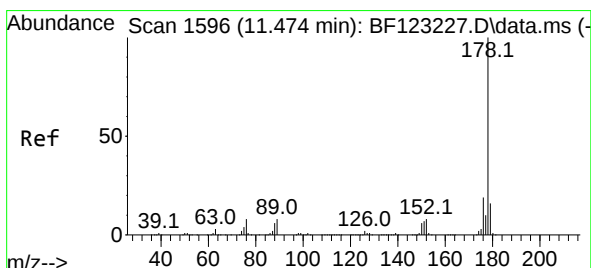
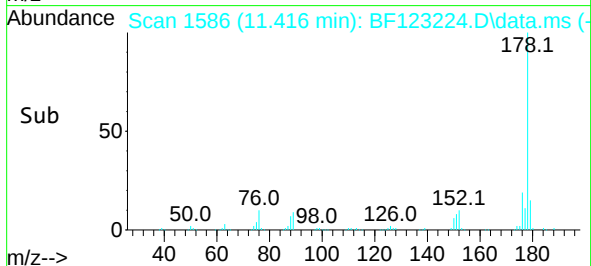
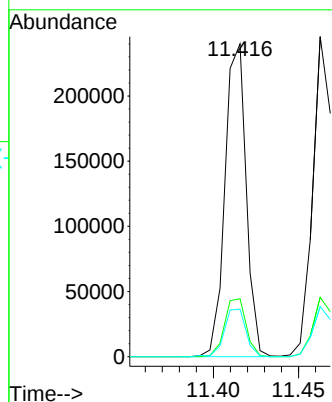
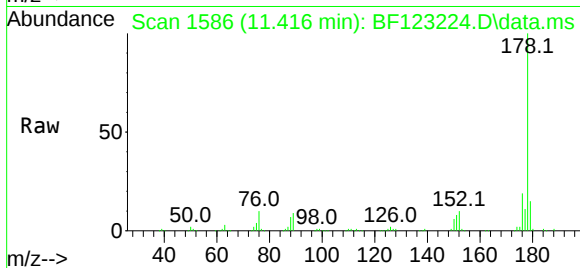




#71  
Phenanthrene  
Concen: 5.22 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

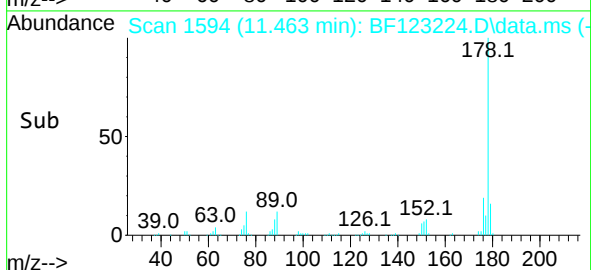
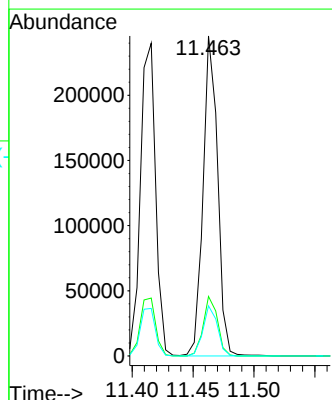
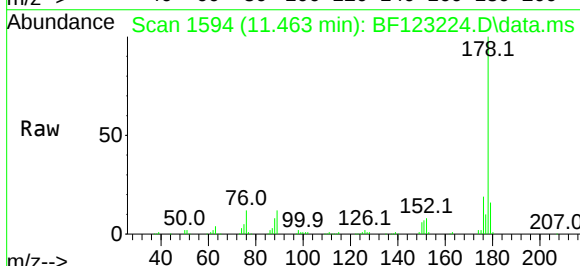
Instrument :  
BNA\_N  
ClientSampleId :

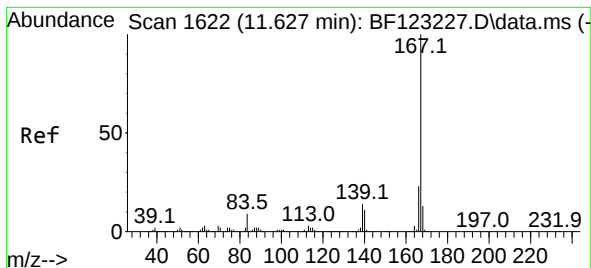
Tgt Ion:178 Resp: 208092  
Ion Ratio Lower Upper  
178 100  
176 18.5 16.2 24.2  
179 15.2 12.7 19.1



#72  
Anthracene  
Concen: 5.10 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:178 Resp: 203324  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.6 23.4  
179 15.7 12.8 19.2





#73

Carbazole

Concen: 5.18 ng

RT: 11.616 min Scan# 1620

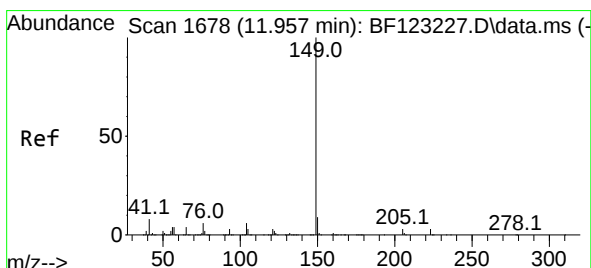
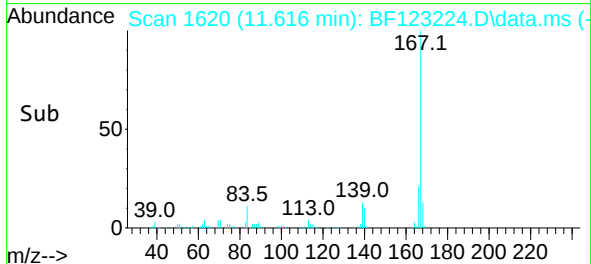
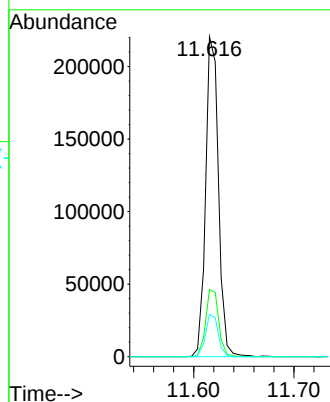
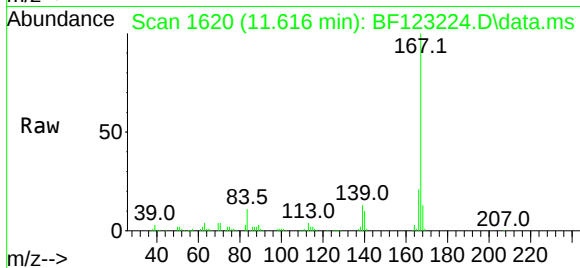
Delta R.T. -0.012 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 197004 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 20.9    | 18.0 27.0    |
| 139 13.3    | 10.9 16.3    |

Instrument :  
BNA\_N  
ClientSampleId :



#74

Di-n-butylphthalate

Concen: 5.12 ng

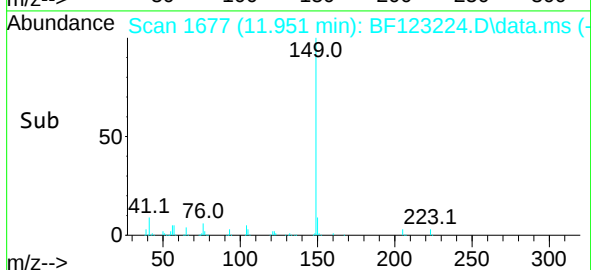
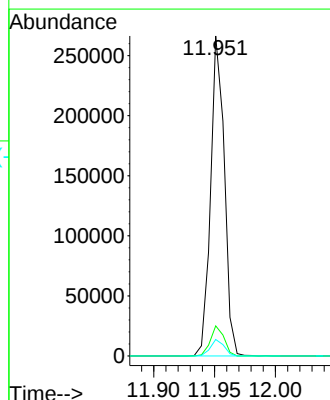
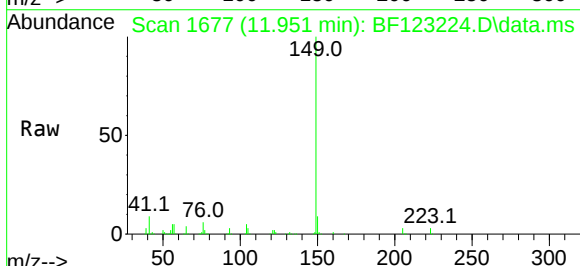
RT: 11.951 min Scan# 1677

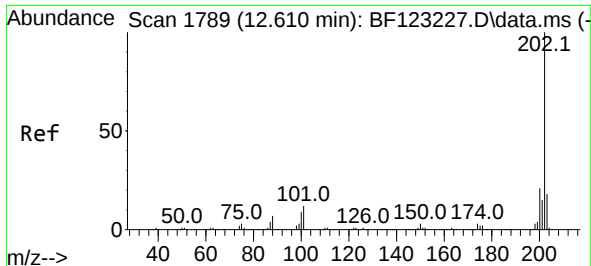
Delta R.T. -0.006 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

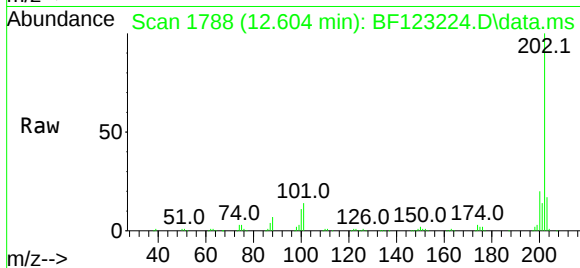
|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 209139 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.4     | 7.8 11.6     |
| 104 5.1     | 4.2 6.4      |



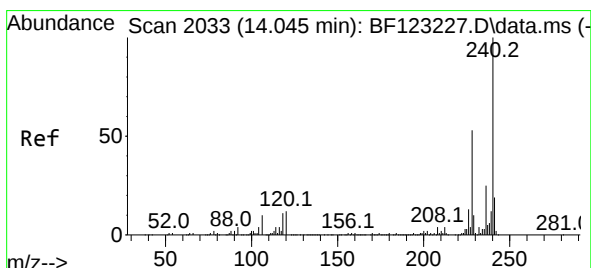
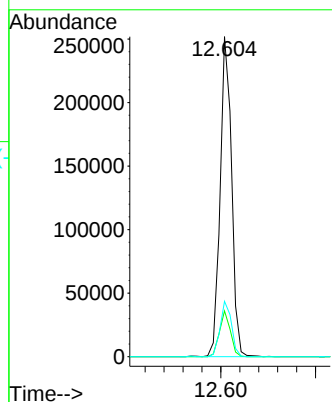
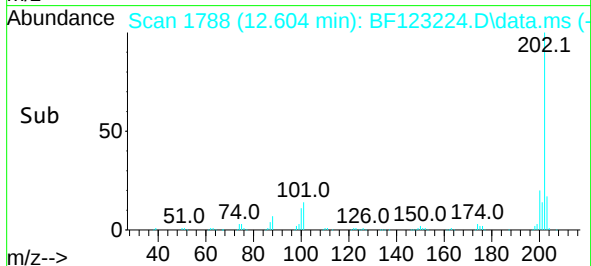


#75  
Fluoranthene  
Concen: 5.29 ng  
RT: 12.604 min Scan# 1788  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

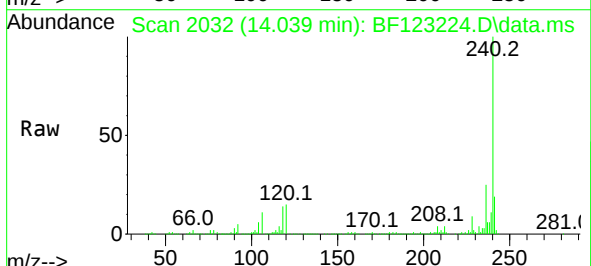
Instrument :  
BNA\_N  
ClientSampleId :



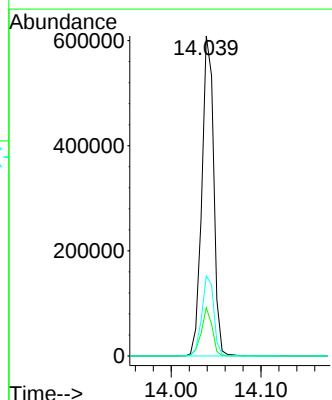
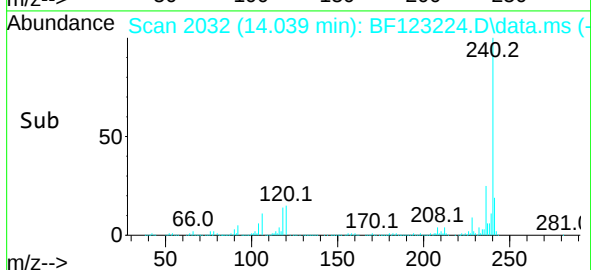
Tgt Ion:202 Resp: 211888  
Ion Ratio Lower Upper  
202 100  
101 14.3 0.0 32.2  
203 17.3 0.0 38.1

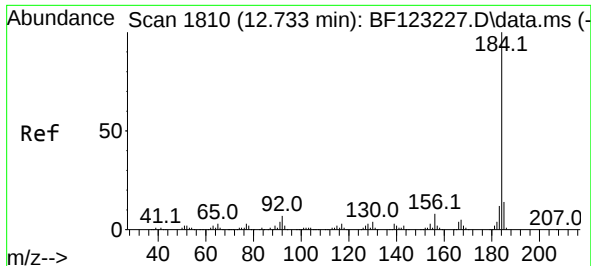


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22



Tgt Ion:240 Resp: 558426  
Ion Ratio Lower Upper  
240 100  
120 15.1 8.6 12.8#  
236 25.0 20.3 30.5

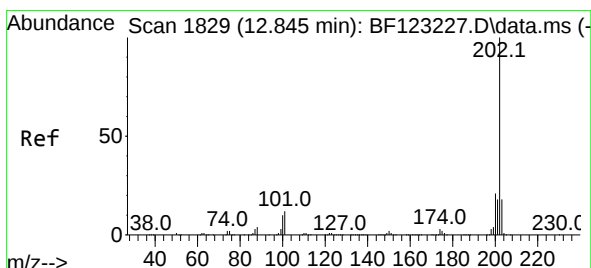
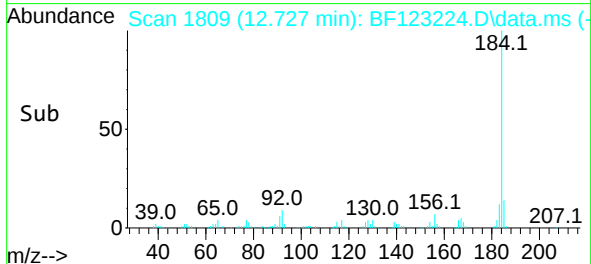
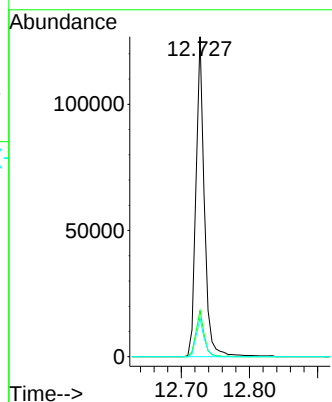
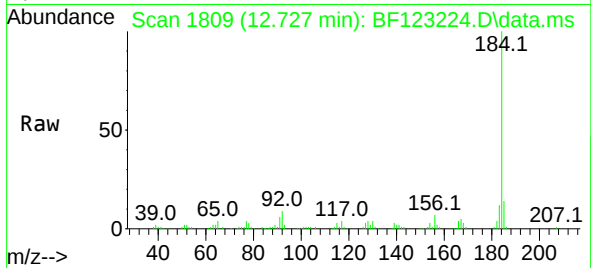




#77  
Benzidine  
Concen: 5.51 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

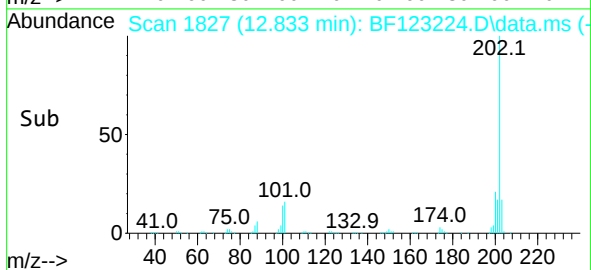
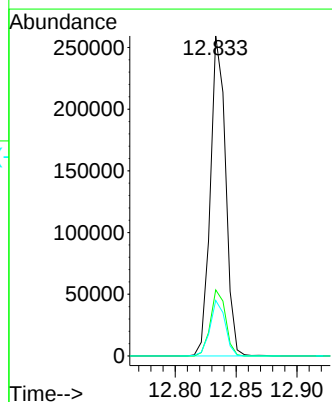
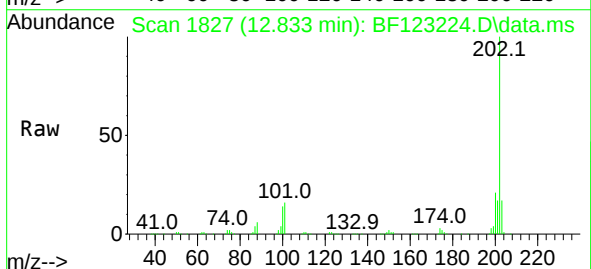
Instrument :  
BNA\_N  
ClientSampleId :

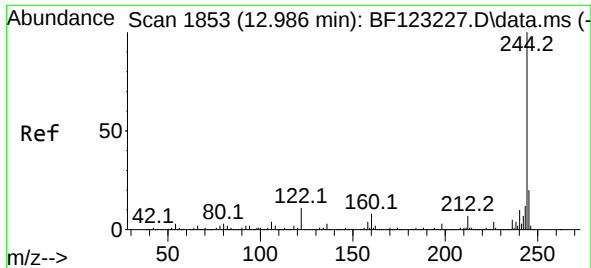
Tgt Ion:184 Resp: 109021  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.8 17.6  
183 12.0 9.7 14.5



#78  
Pyrene  
Concen: 5.45 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

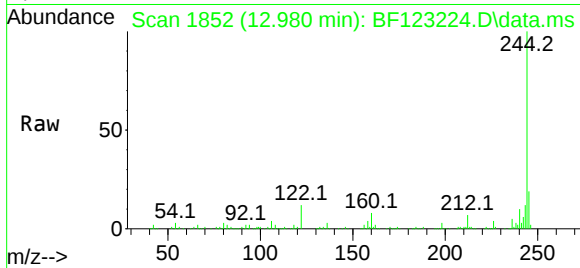
Tgt Ion:202 Resp: 225083  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.6 26.4  
203 17.4 14.6 21.8



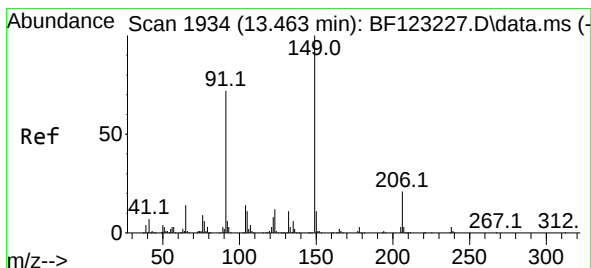
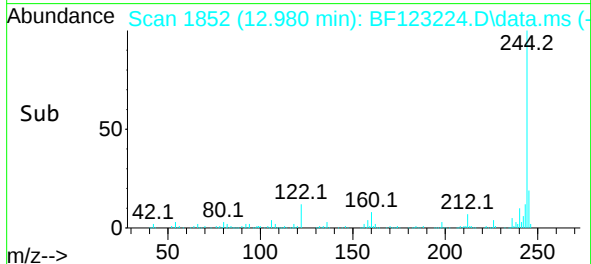
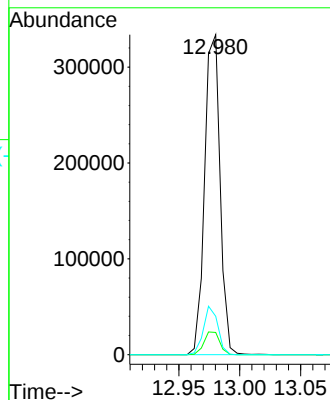


#79  
 Terphenyl-d14  
 Concen: 10.55 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

Instrument :  
 BNA\_N  
 ClientSampleId :

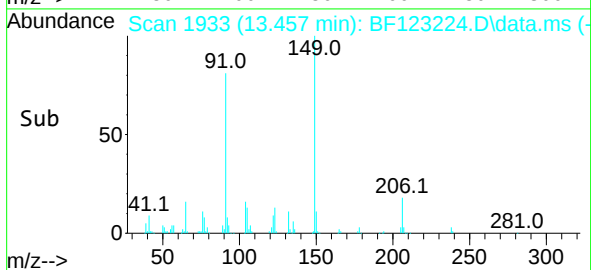
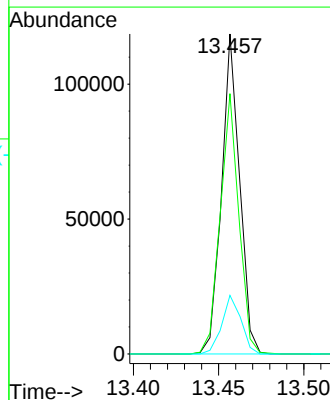
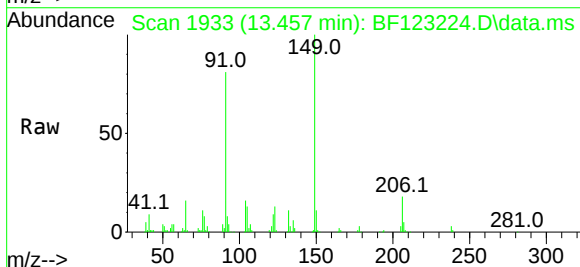


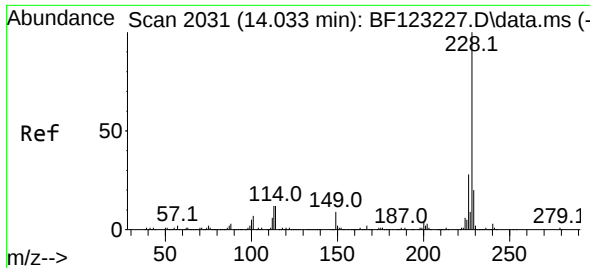
Tgt Ion:244 Resp: 293876  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 12.0 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 4.78 ng  
 RT: 13.457 min Scan# 1933  
 Delta R.T. -0.006 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

Tgt Ion:149 Resp: 87235  
 Ion Ratio Lower Upper  
 149 100  
 91 81.3 56.5 84.7  
 206 18.3 17.0 25.6

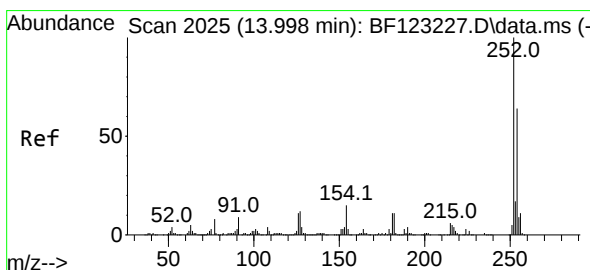
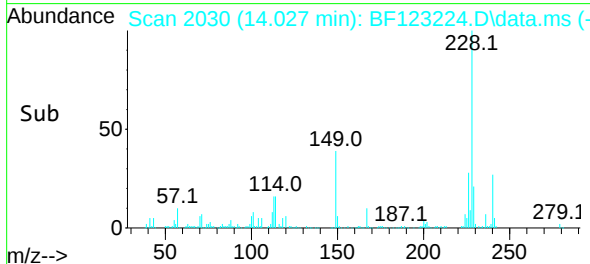
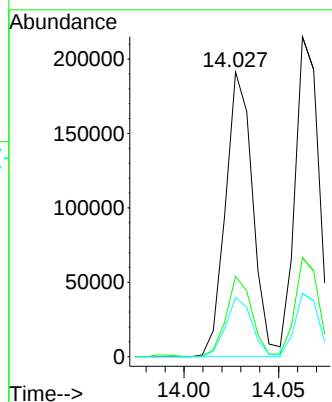
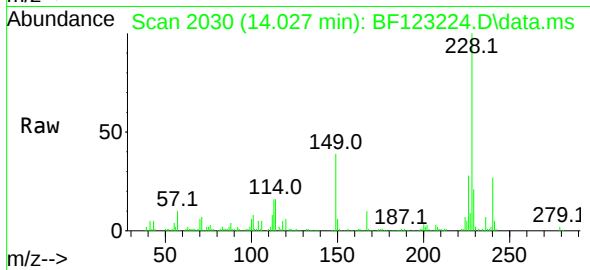




#81  
Benzo(a)anthracene  
Concen: 5.08 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

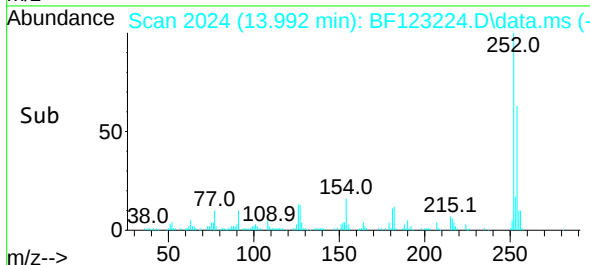
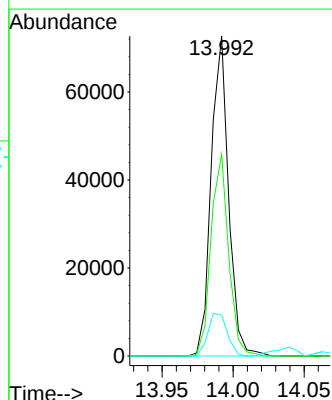
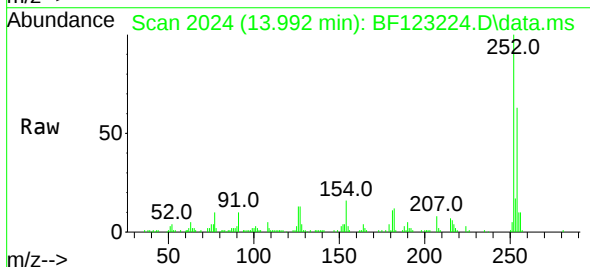
Instrument :  
BNA\_N  
ClientSampled :

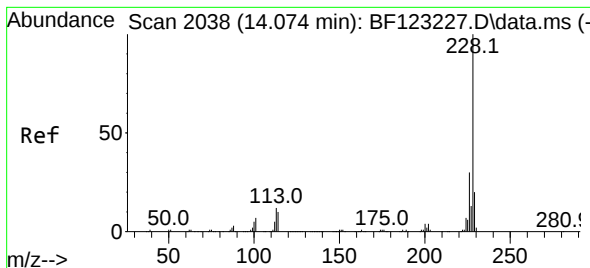
Tgt Ion:228 Resp: 191199  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.0 34.4  
229 20.8 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 4.75 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:252 Resp: 61892  
Ion Ratio Lower Upper  
252 100  
254 63.0 52.7 79.1  
126 12.7 8.0 12.0#





#83

Chrysene

Concen: 5.06 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

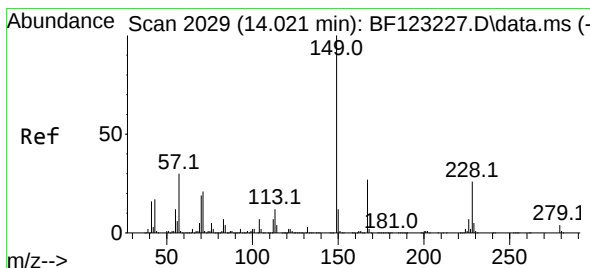
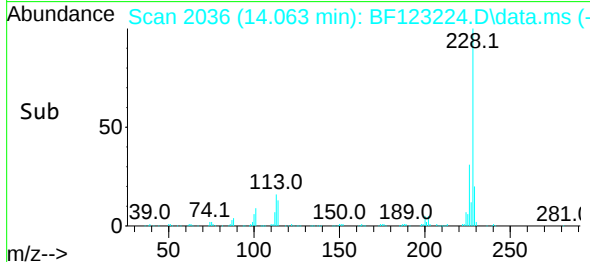
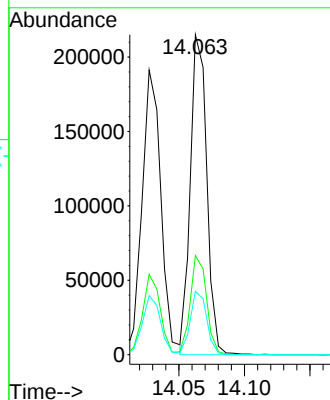
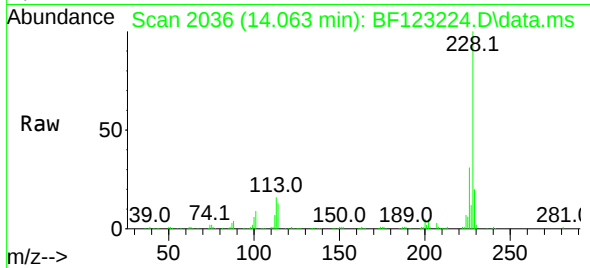
Tgt Ion:228 Resp: 187778

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.38 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

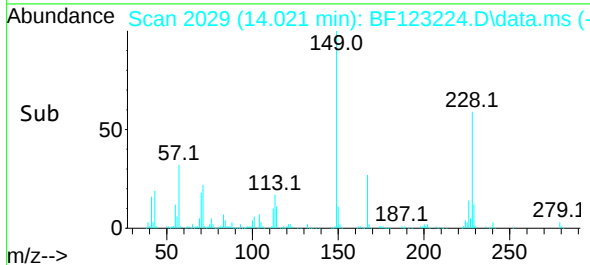
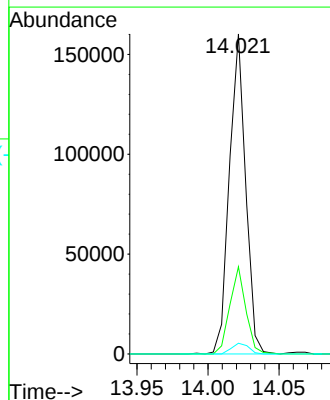
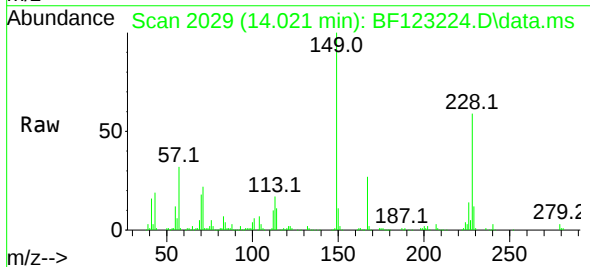
Tgt Ion:149 Resp: 127557

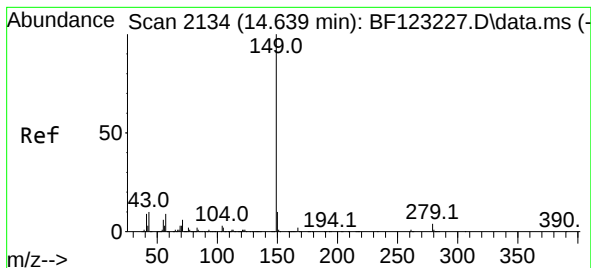
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 3.4 3.4 5.0

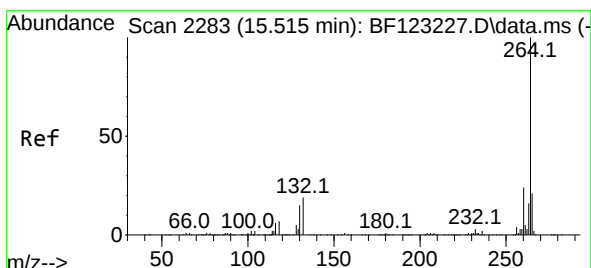
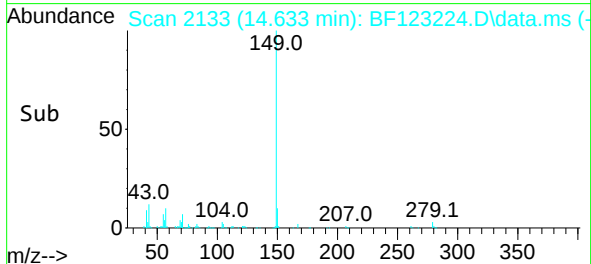
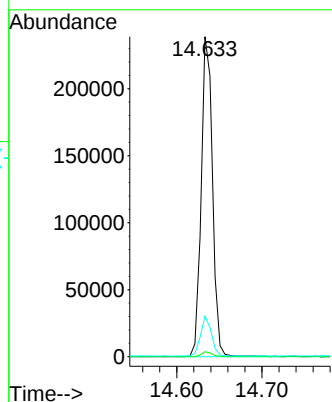
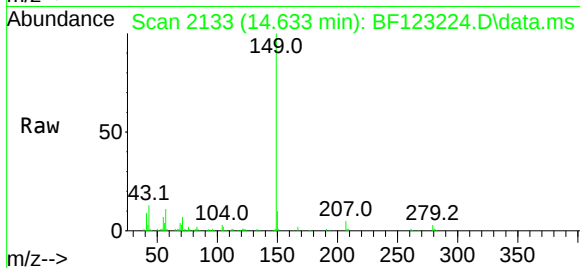




#85  
Di-n-octyl phthalate  
Concen: 5.38 ng  
RT: 14.633 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

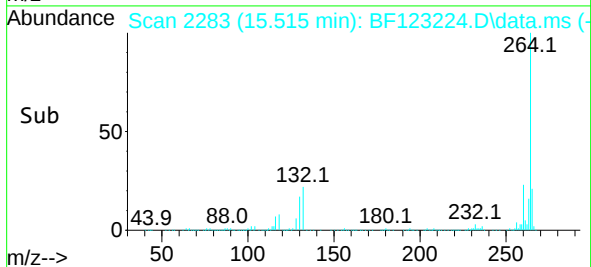
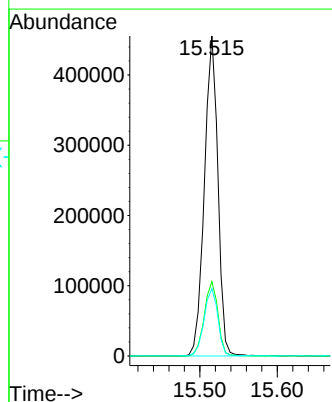
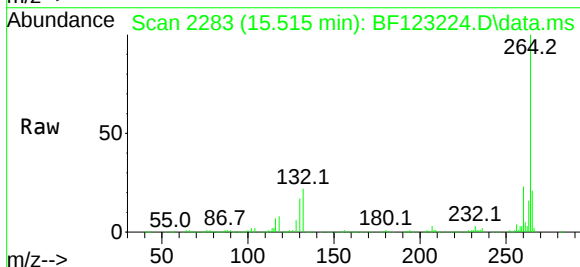
Instrument :  
BNA\_N  
ClientSampleId :

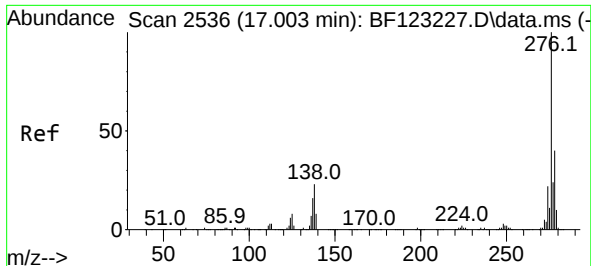
Tgt Ion:149 Resp: 219387  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 12.0 7.6 11.4#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. 0.000 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:264 Resp: 550590  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 21.1 17.0 25.6

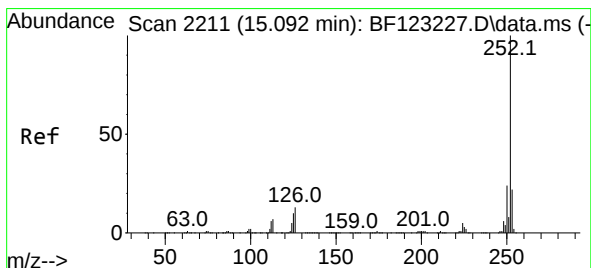
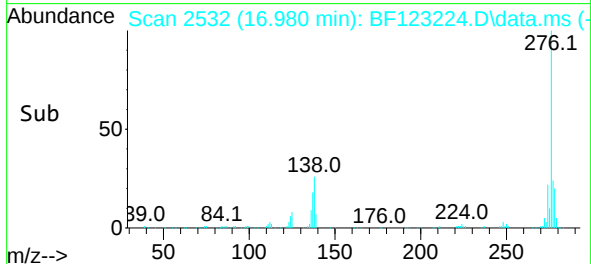
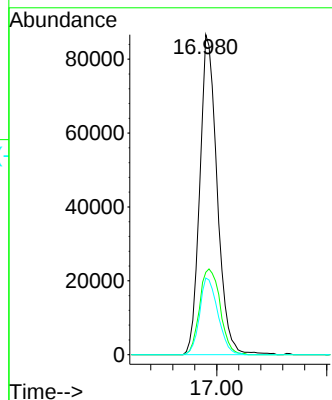
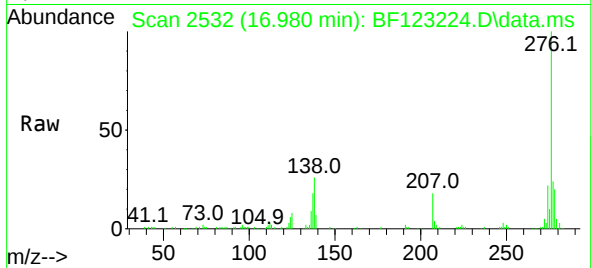




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 5.02 ng  
RT: 16.980 min Scan# 2532  
Delta R.T. -0.023 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

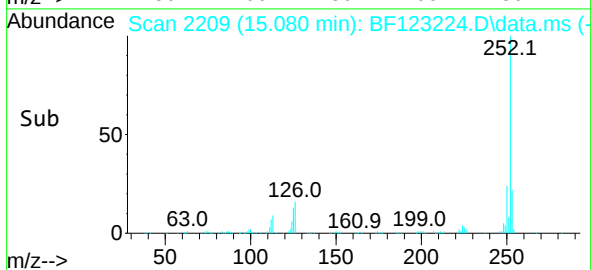
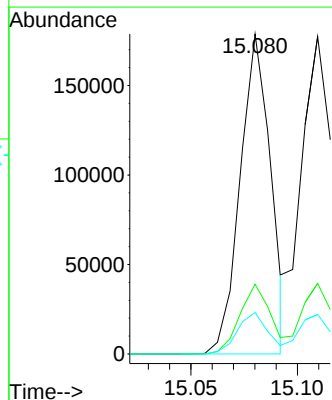
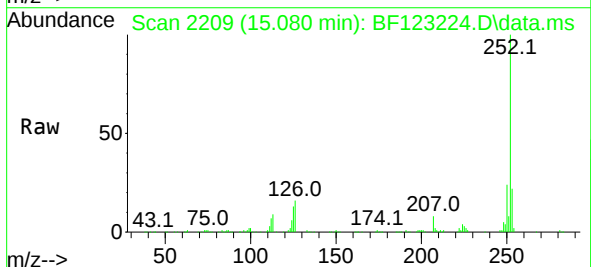
Instrument :  
BNA\_N  
ClientSampleId :

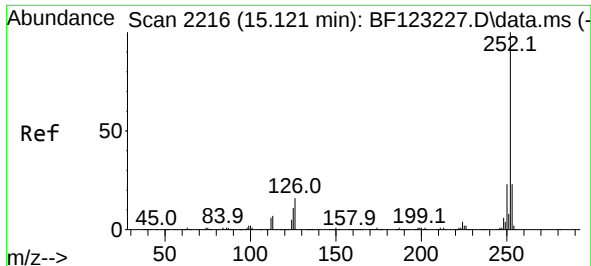
Tgt Ion:276 Resp: 189798  
Ion Ratio Lower Upper  
276 100  
138 31.8 18.7 28.1#  
277 25.2 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 4.61 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. -0.012 min  
Lab File: BF123224.D  
Acq: 19 Feb 2021 11:22

Tgt Ion:252 Resp: 178515  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.3 27.5  
125 13.0 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 5.24 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

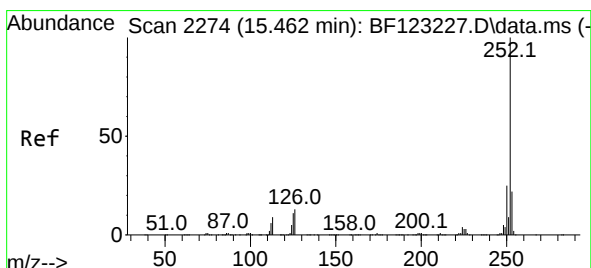
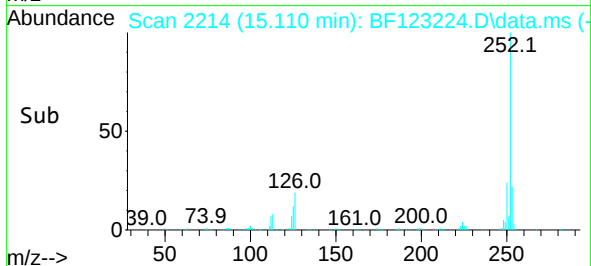
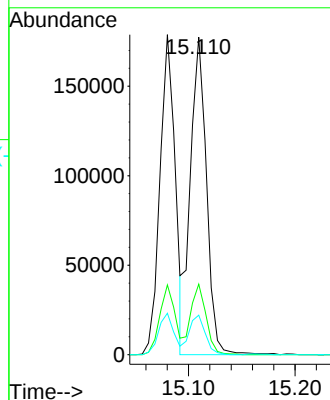
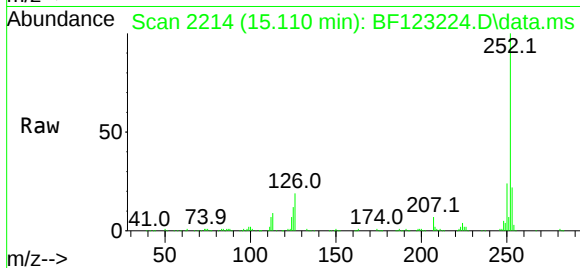
Tgt Ion:252 Resp: 186226

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 12.4 8.4 12.6



#90

Benzo(a)pyrene

Concen: 4.84 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.018 min

Lab File: BF123224.D

Acq: 19 Feb 2021 11:22

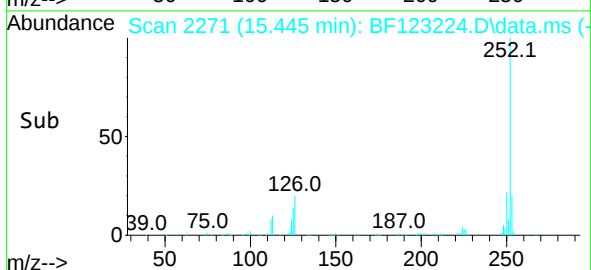
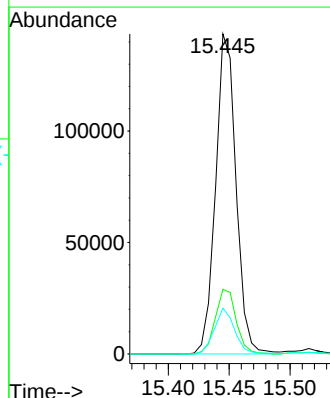
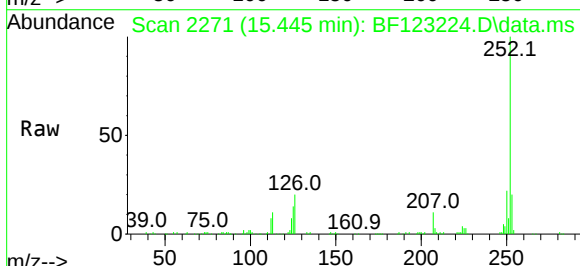
Tgt Ion:252 Resp: 167496

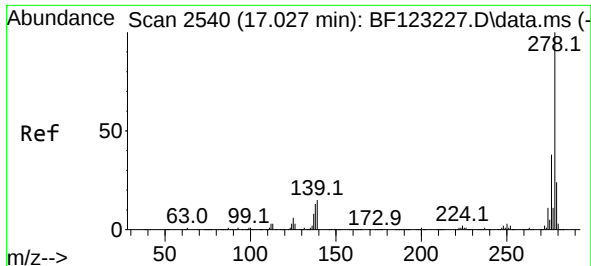
Ion Ratio Lower Upper

252 100

253 20.2 17.5 26.3

125 14.3 8.6 12.8#

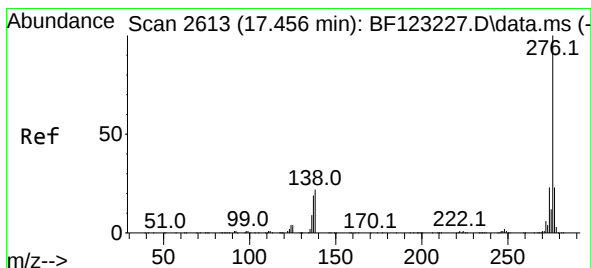
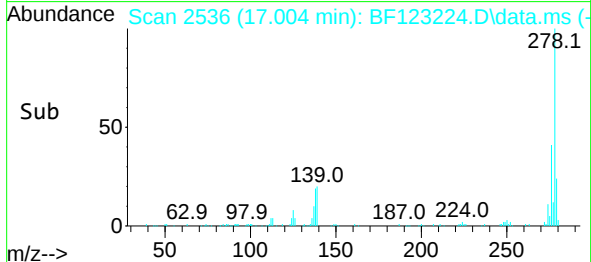
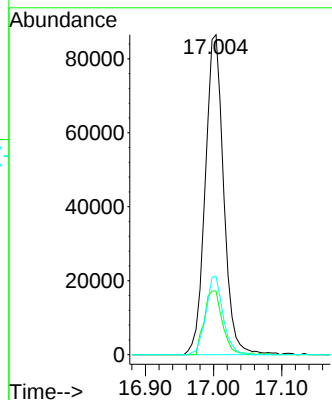
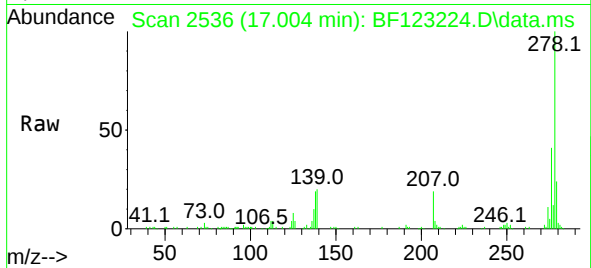




#91  
 Dibenzo(a,h)anthracene  
 Concen: 5.07 ng  
 RT: 17.004 min Scan# 2536  
 Delta R.T. -0.023 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion:278 Resp: 162695  
 Ion Ratio Lower Upper  
 278 100  
 139 19.9 12.0 18.0#  
 279 24.5 19.4 29.2



#92  
 Benzo(g,h,i)perylene  
 Concen: 5.17 ng  
 RT: 17.427 min Scan# 2608  
 Delta R.T. -0.029 min  
 Lab File: BF123224.D  
 Acq: 19 Feb 2021 11:22

Tgt Ion:276 Resp: 161453  
 Ion Ratio Lower Upper  
 276 100  
 277 21.9 19.3 28.9  
 138 26.1 16.6 24.8#

