

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092222\  
 Data File : BF130378.D  
 Acq On : 22 Sep 2022 16:20  
 Operator : CG\JU  
 Sample : N4732-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MSD

Quant Time: Sep 22 16:49:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 15:06:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.657  | 152  | 122052   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.939  | 136  | 468569   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.692  | 164  | 216609   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.169 | 188  | 306797   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.804 | 240  | 227903   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.198 | 264  | 207592   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.269  | 112  | 759373   | 107.913 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.310  | 99   | 923409   | 104.876 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.228  | 82   | 581407   | 63.391  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.480 | 330  | 205276   | 98.903  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.016  | 172  | 969387   | 65.169  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.757 | 244  | 728159   | 52.926  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.357  | 88   | 108796   | 33.665  | ng    | 98       |
| 3) Pyridine                   | 3.034  | 79   | 272067   | 32.272  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 2.998  | 42   | 159178   | 34.716  | ng    | 91       |
| 6) Aniline                    | 6.339  | 93   | 357533   | 32.957  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.445  | 128  | 338308   | 42.204  | ng    | 95       |
| 9) Benzaldehyde               | 6.204  | 77   | 192186   | 32.586  | ng    | 96       |
| 10) Phenol                    | 6.322  | 94   | 407350   | 39.478  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.398  | 93   | 329156   | 44.227  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.598  | 146  | 367054   | 41.615  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.675  | 146  | 367011   | 40.804  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.828  | 146  | 354096   | 42.143  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.810  | 79   | 193217   | 27.678  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.939  | 45   | 391605   | 36.076  | ng    | 77       |
| 17) 2-Methylphenol            | 6.928  | 107  | 264173   | 40.541  | ng    | 97       |
| 18) Hexachloroethane          | 7.169  | 117  | 134632   | 37.973  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.081  | 70   | 226782   | 38.171  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.081  | 107  | 333843   | 39.438  | ng    | # 68     |
| 22) Acetophenone              | 7.075  | 105  | 471890   | 41.192  | ng    | # 91     |
| 24) Nitrobenzene              | 7.245  | 77   | 347441   | 37.308  | ng    | 95       |
| 25) Isophorone                | 7.486  | 82   | 597898   | 40.446  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.557  | 139  | 169533   | 44.407  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.604  | 122  | 289027   | 49.169  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.698  | 93   | 368273   | 44.243  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.810  | 162  | 257964   | 40.047  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 7.880  | 180  | 279356   | 40.112  | ng    | 96       |
| 31) Naphthalene               | 7.963  | 128  | 926307   | 38.372  | ng    | 99       |
| 32) Benzoic acid              | 7.739  | 122  | 170852   | 37.585  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.022  | 127  | 235565   | 25.657  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.080  | 225  | 177638   | 39.911  | ng    | 99       |
| 35) Caprolactam               | 8.386  | 113  | 64590    | 34.977  | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.510  | 107  | 268707   | 37.634  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.651  | 142  | 584992   | 38.008  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.751  | 142  | 546821   | 36.983  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.816  | 216  | 261910   | 44.306  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.804  | 237  | 171147   | 54.077  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.933  | 196  | 163975   | 39.746  | ng    | 96       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.980  | 196  | 175781   | 39.484 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.116  | 154  | 698802   | 43.196 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.139  | 162  | 531842   | 40.641 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.245  | 65   | 162222   | 37.167 | ng    | 86       |
| 49) Acenaphthylene            | 9.551  | 152  | 753598   | 38.408 | ng    | 99       |
| 50) Dimethylphthalate         | 9.422  | 163  | 627022   | 41.906 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.486  | 165  | 131170   | 41.918 | ng    | # 79     |
| 52) Acenaphthene              | 9.722  | 154  | 457678   | 35.502 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.651  | 138  | 93103    | 26.701 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.757  | 184  | 59657    | 38.651 | ng    | 93       |
| 55) Dibenzofuran              | 9.898  | 168  | 682274   | 38.049 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.827  | 139  | 176279   | 69.411 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 9.886  | 165  | 160663   | 40.174 | ng    | 85       |
| 58) Fluorene                  | 10.239 | 166  | 526531   | 35.905 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.016 | 232  | 125734   | 36.083 | ng    | 92       |
| 60) Diethylphthalate          | 10.121 | 149  | 583414   | 38.883 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.233 | 204  | 249788   | 38.829 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.263 | 138  | 110396   | 31.517 | ng    | 90       |
| 63) Azobenzene                | 10.392 | 77   | 506161   | 32.761 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.286 | 198  | 39637    | 23.209 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.351 | 169  | 452209   | 44.108 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.721 | 248  | 149795   | 44.260 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.780 | 284  | 163011   | 42.489 | ng    | 99       |
| 69) Atrazine                  | 10.886 | 200  | 134986   | 45.054 | ng    | 96       |
| 70) Pentachlorophenol         | 10.980 | 266  | 158467   | 76.962 | ng    | 99       |
| 71) Phenanthrene              | 11.198 | 178  | 691751   | 40.160 | ng    | 99       |
| 72) Anthracene                | 11.245 | 178  | 675694   | 40.650 | ng    | 99       |
| 73) Carbazole                 | 11.404 | 167  | 587496   | 39.163 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.745 | 149  | 770300   | 42.581 | ng    | 99       |
| 75) Fluoranthene              | 12.380 | 202  | 706582   | 42.452 | ng    | 98       |
| 77) Benzidine                 | 12.510 | 184  | 276304   | 41.764 | ng    | 99       |
| 78) Pyrene                    | 12.610 | 202  | 704071   | 35.315 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.239 | 149  | 331685   | 44.908 | ng    | 92       |
| 81) Benzo(a)anthracene        | 13.792 | 228  | 636214   | 41.963 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.762 | 252  | 211617   | 51.276 | ng    | 100      |
| 83) Chrysene                  | 13.833 | 228  | 589994   | 40.984 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.798 | 149  | 412364   | 48.743 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.409 | 149  | 697535   | 53.907 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.527 | 276  | 494492   | 33.590 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.809 | 252  | 639585   | 47.204 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.833 | 252  | 541259   | 40.609 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.139 | 252  | 499983   | 46.578 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.545 | 278  | 425926   | 35.269 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 16.927 | 276  | 410836   | 33.771 | ng    | 99       |

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

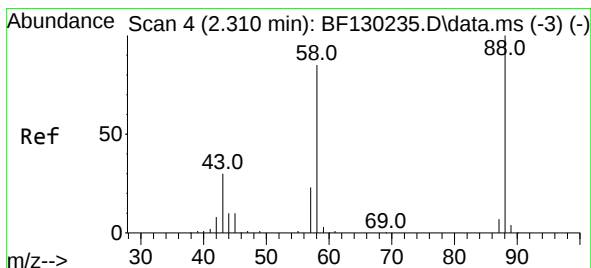
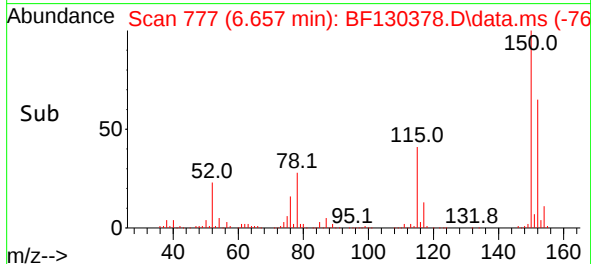
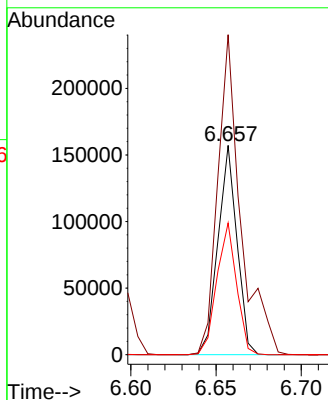
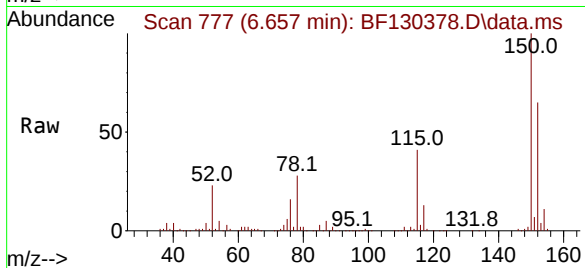




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.657 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130378.D  
 Acq: 22 Sep 2022 16:20

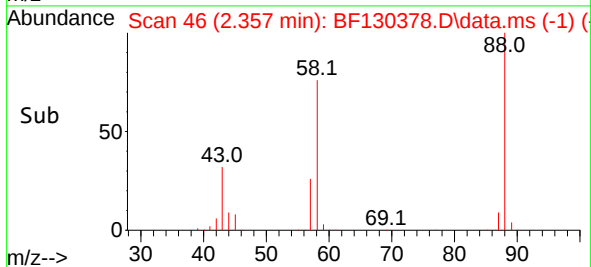
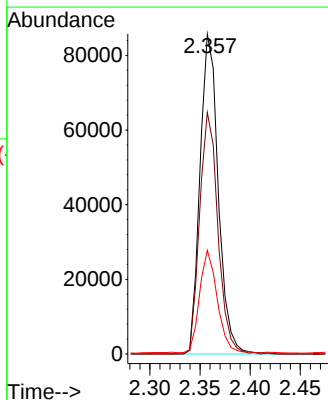
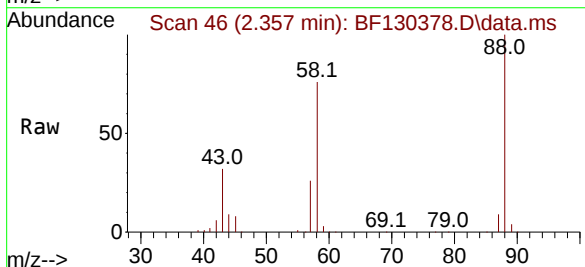
Instrument :  
 BNA\_F  
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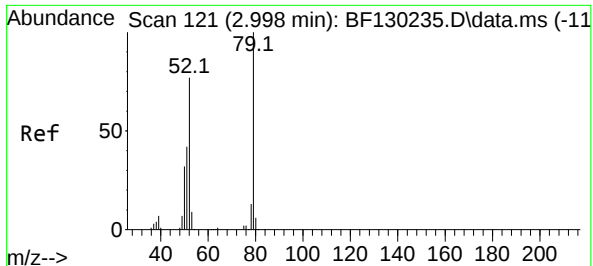
Tgt Ion:152 Resp: 122052  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 122.8 184.2  
 115 62.9 53.8 80.8



#2  
 1,4-Dioxane  
 Concen: 33.665 ng  
 RT: 2.357 min Scan# 46  
 Delta R.T. 0.070 min  
 Lab File: BF130378.D  
 Acq: 22 Sep 2022 16:20

Tgt Ion: 88 Resp: 108796  
 Ion Ratio Lower Upper  
 88 100  
 58 75.7 61.3 91.9  
 43 31.7 23.0 34.6





#3

Pyridine

Concen: 32.272 ng

RT: 3.034 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

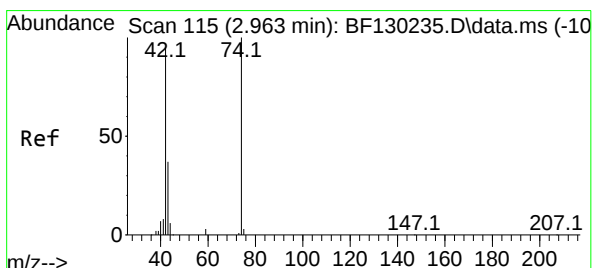
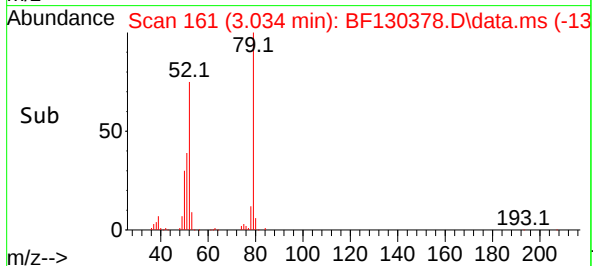
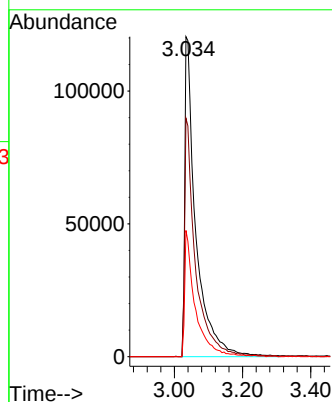
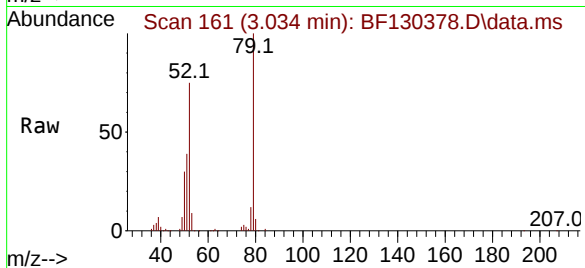
Tgt Ion: 79 Resp: 272067

Ion Ratio Lower Upper

79 100

52 74.5 62.4 93.6

51 39.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.716 ng

RT: 2.998 min Scan# 155

Delta R.T. 0.059 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

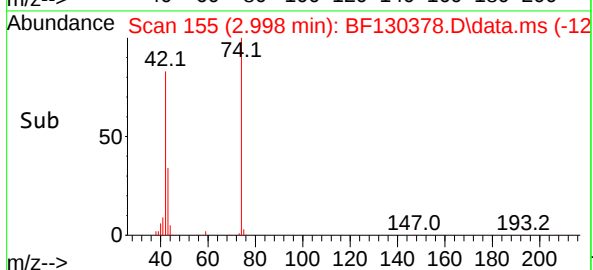
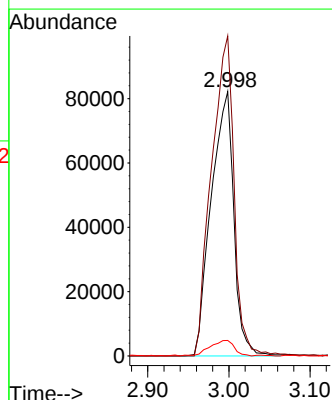
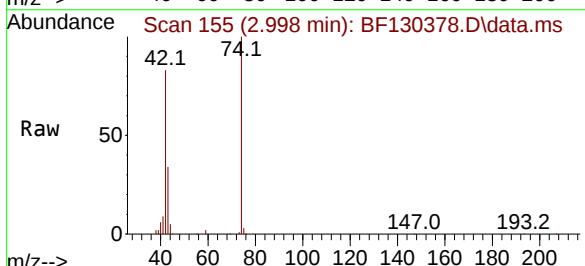
Tgt Ion: 42 Resp: 159178

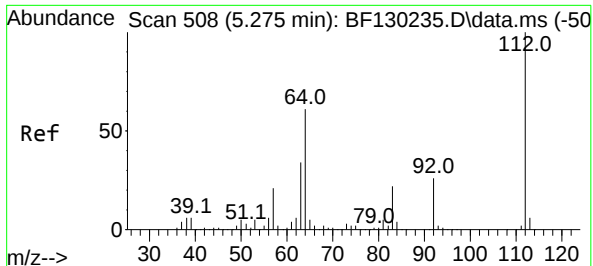
Ion Ratio Lower Upper

42 100

74 121.1 88.4 132.6

44 5.9 5.0 7.4

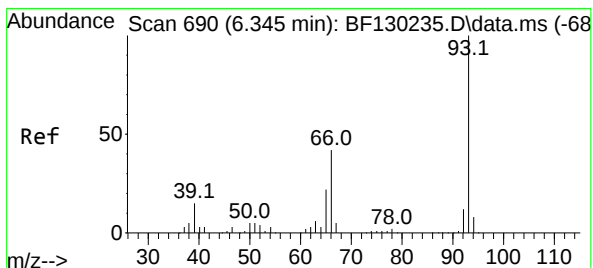
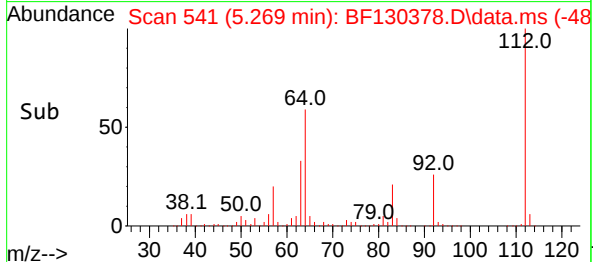
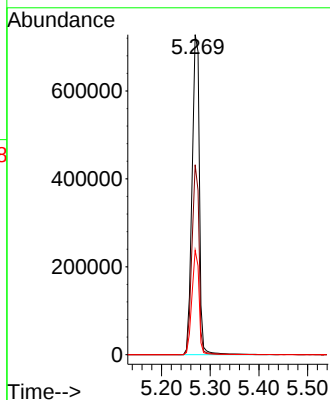
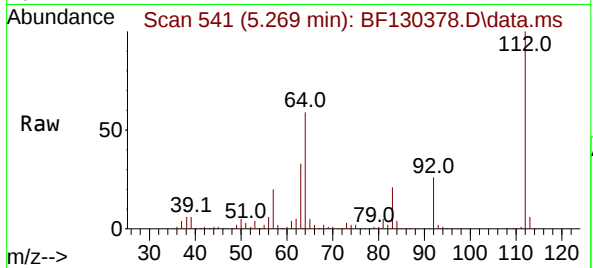




#5  
2-Fluorophenol  
Concen: 107.913 ng  
RT: 5.269 min Scan# 541  
Delta R.T. 0.012 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

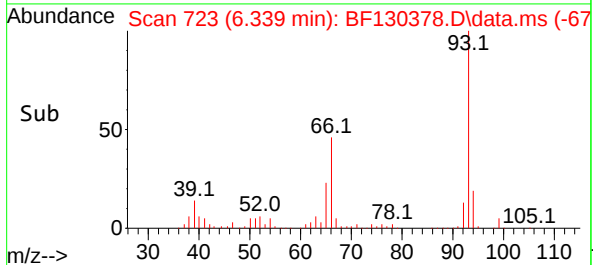
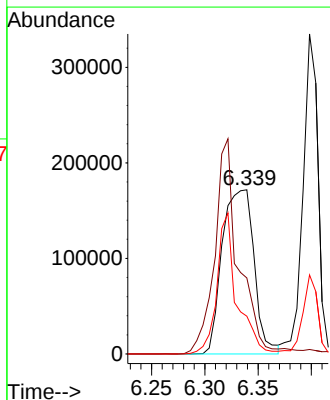
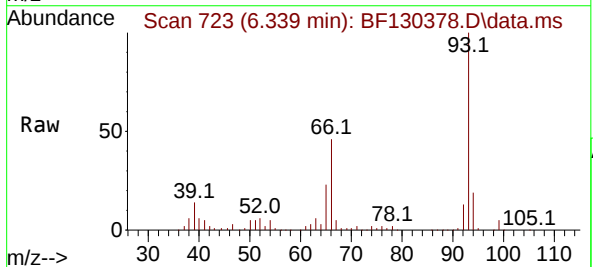
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Tgt Ion:112 Resp: 759373  
Ion Ratio Lower Upper  
112 100  
64 59.4 51.4 77.0  
63 32.6 28.8 43.2



#6  
Aniline  
Concen: 32.957 ng  
RT: 6.339 min Scan# 723  
Delta R.T. 0.012 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 93 Resp: 357533  
Ion Ratio Lower Upper  
93 100  
66 46.3 34.2 51.4  
65 23.0 16.6 24.8

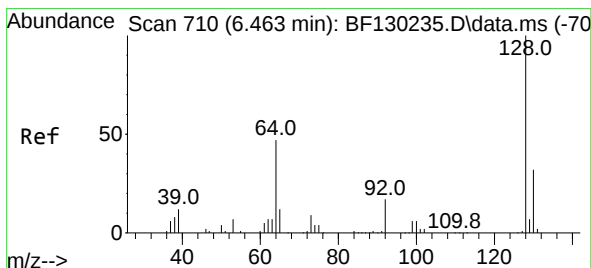
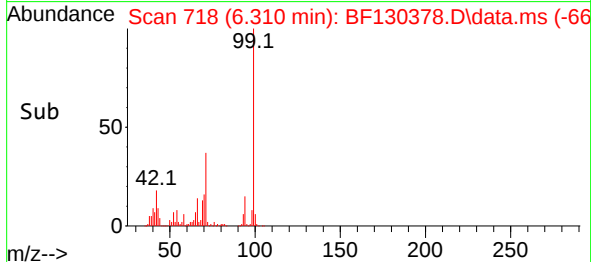
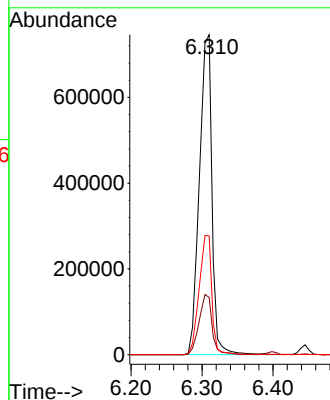
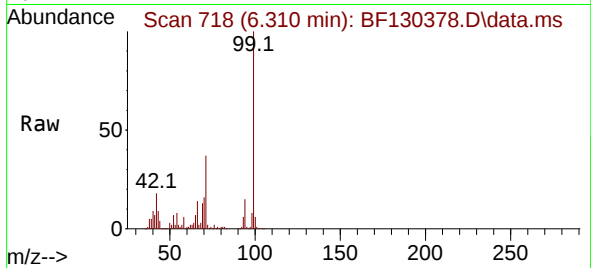




#7  
Phenol-d6  
Concen: 104.876 ng  
RT: 6.310 min Scan# 710  
Delta R.T. 0.012 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

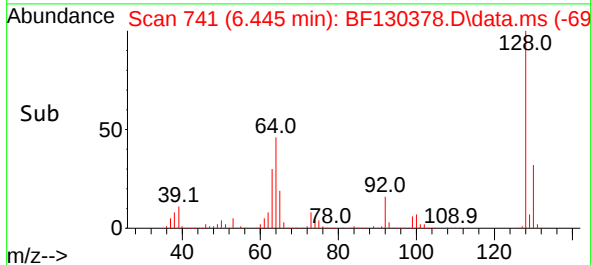
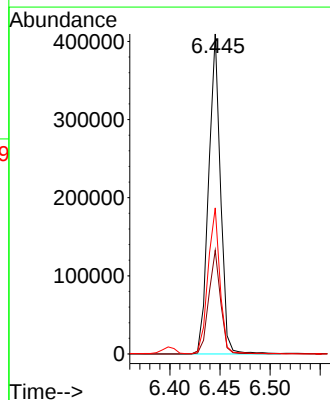
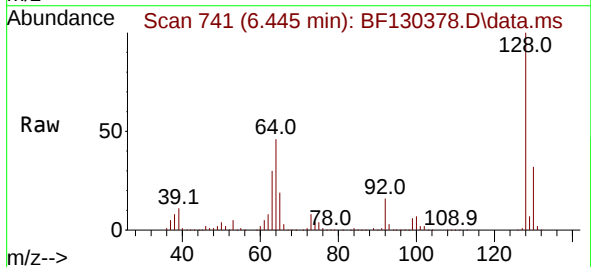
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

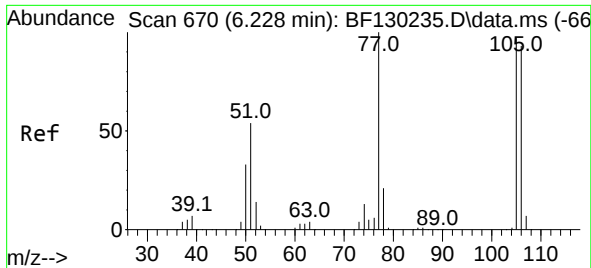
Tgt Ion: 99 Resp: 923409  
Ion Ratio Lower Upper  
99 100  
42 17.9 17.0 25.6  
71 37.1 32.3 48.5



#8  
2-Chlorophenol  
Concen: 42.204 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:128 Resp: 338308  
Ion Ratio Lower Upper  
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130 32.4 12.4 52.4  
64 45.7 31.6 71.6

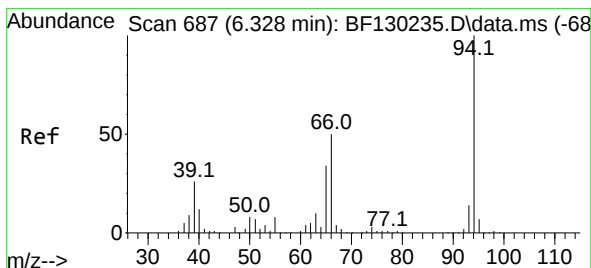
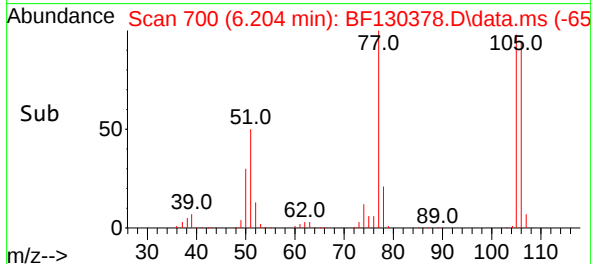
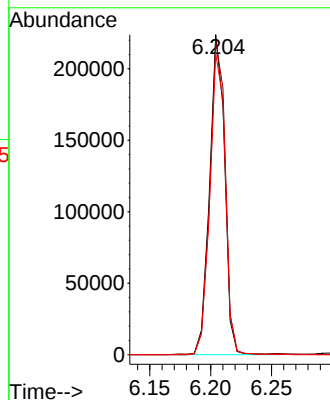
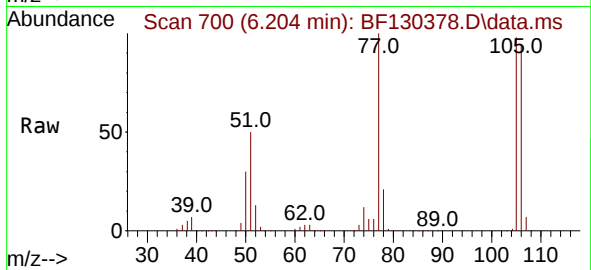




#9  
Benzaldehyde  
Concen: 32.586 ng  
RT: 6.204 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

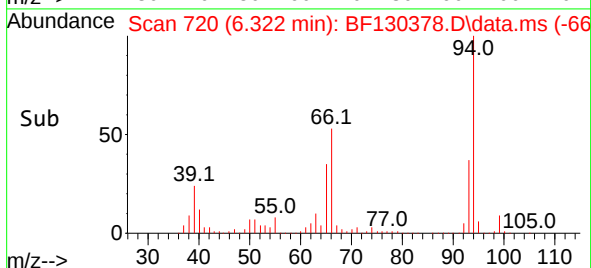
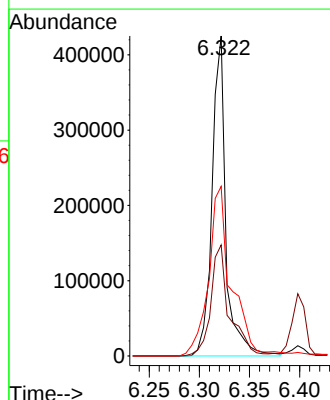
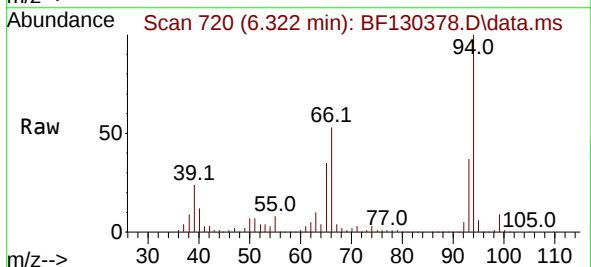
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

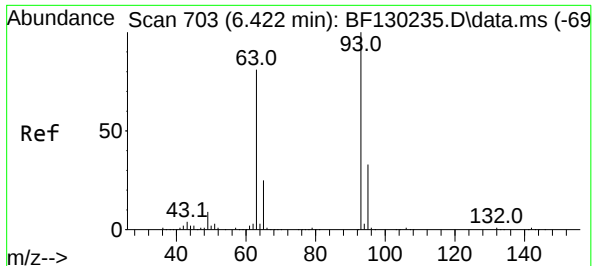
Tgt Ion: 77 Resp: 192186  
Ion Ratio Lower Upper  
77 100  
105 98.0 75.1 115.1  
106 94.0 69.7 109.7



#10  
Phenol  
Concen: 39.478 ng  
RT: 6.322 min Scan# 720  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 94 Resp: 407350  
Ion Ratio Lower Upper  
94 100  
65 34.7 14.1 54.1  
66 53.0 28.1 68.1

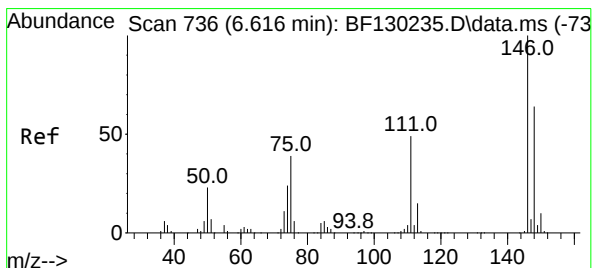
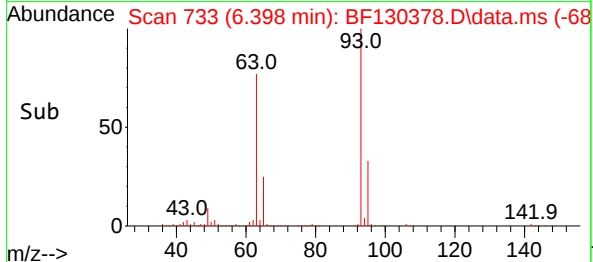
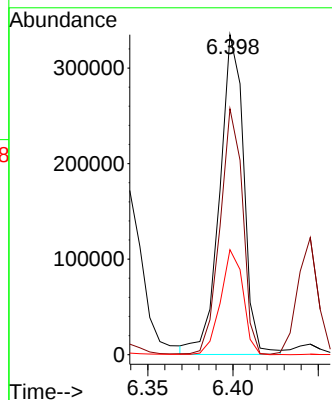
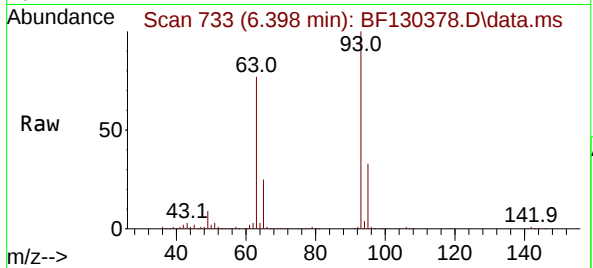




#11  
bis(2-Chloroethyl)ether  
Concen: 44.227 ng  
RT: 6.398 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

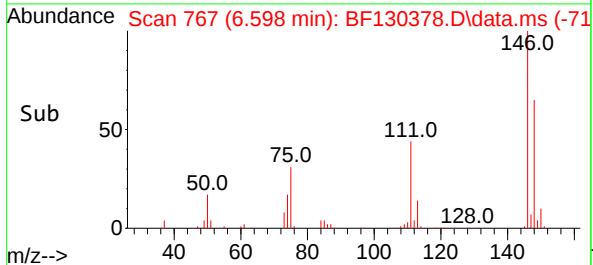
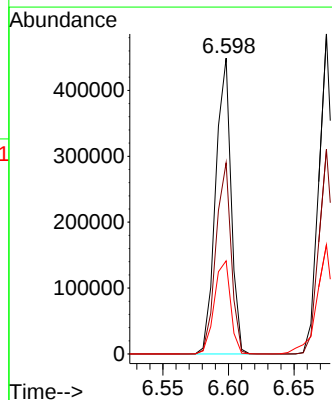
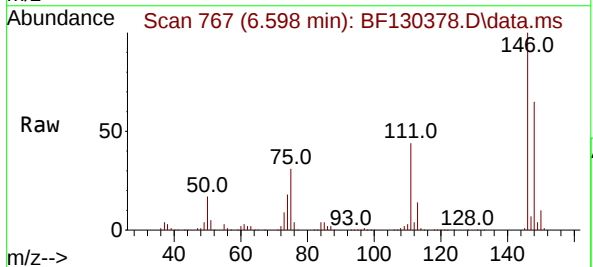
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

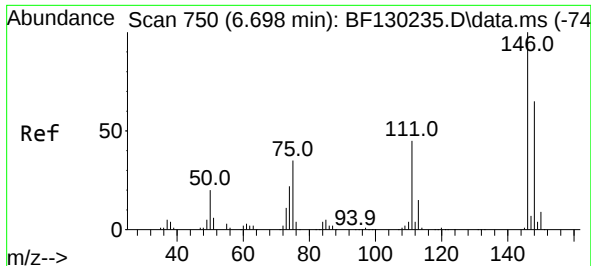
Tgt Ion: 93 Resp: 329156  
Ion Ratio Lower Upper  
93 100  
63 76.9 62.5 102.5  
95 32.8 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 41.615 ng  
RT: 6.598 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:146 Resp: 367054  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.4 77.2  
75 31.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 40.804 ng

RT: 6.675 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

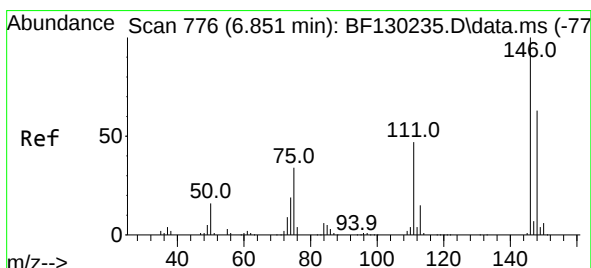
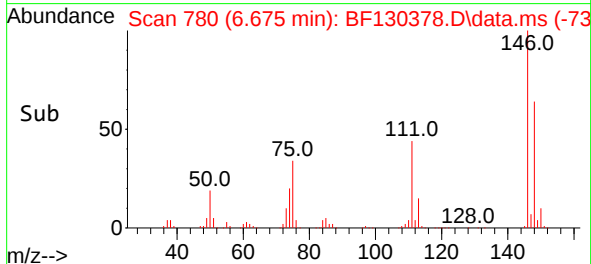
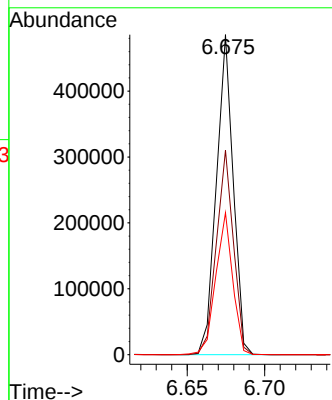
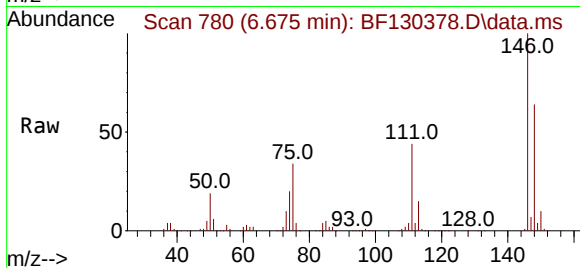
Tgt Ion:146 Resp: 367011

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 44.4 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 42.143 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

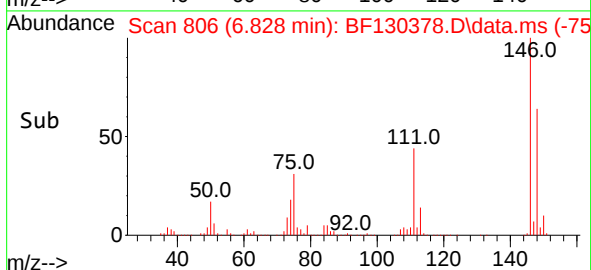
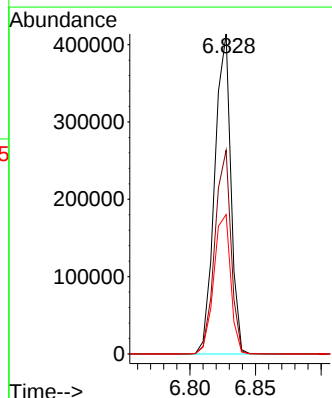
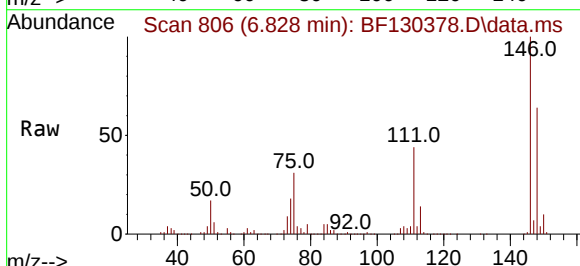
Tgt Ion:146 Resp: 354096

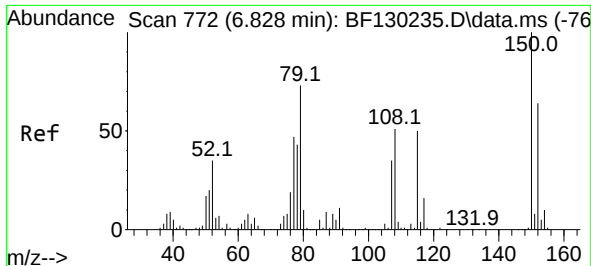
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

111 43.6 39.2 58.8

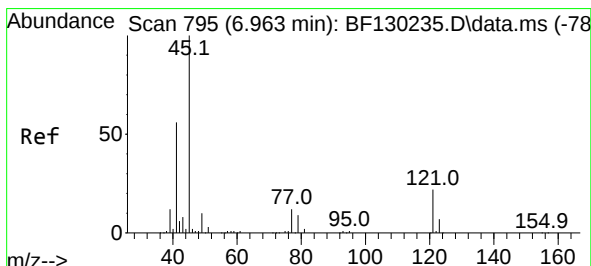
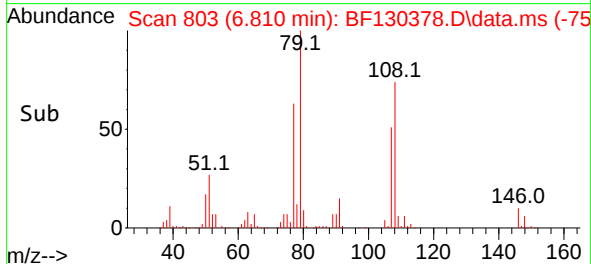
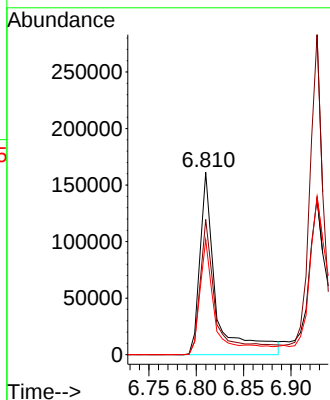
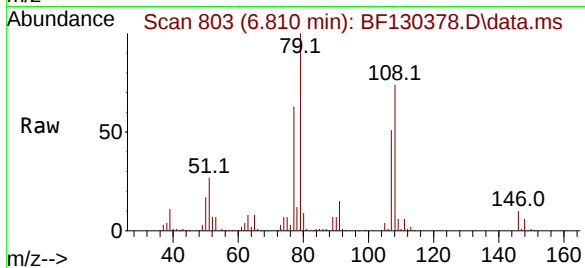




#15  
Benzyl Alcohol  
Concen: 27.678 ng  
RT: 6.810 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

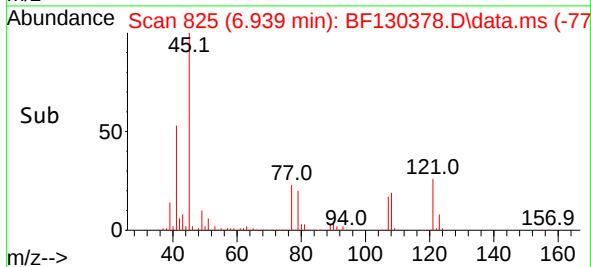
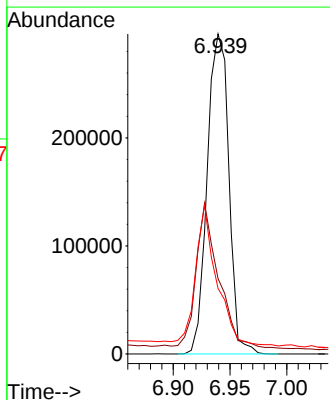
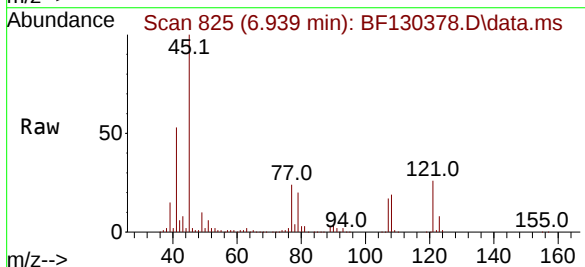
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

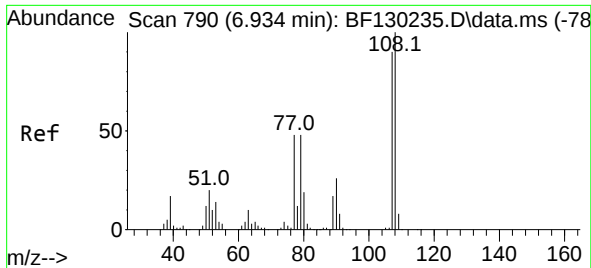
Tgt Ion: 79 Resp: 193217  
Ion Ratio Lower Upper  
79 100  
108 74.1 54.0 81.0  
77 63.1 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.076 ng  
RT: 6.939 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 45 Resp: 391605  
Ion Ratio Lower Upper  
45 100  
77 23.6 0.0 34.9  
79 20.5 0.0 31.0

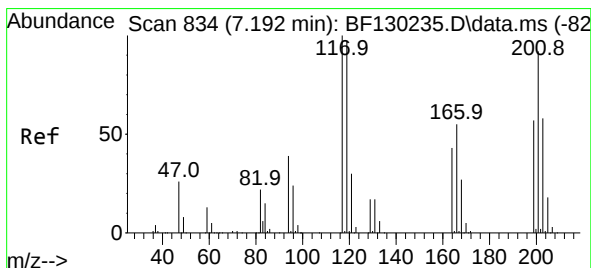
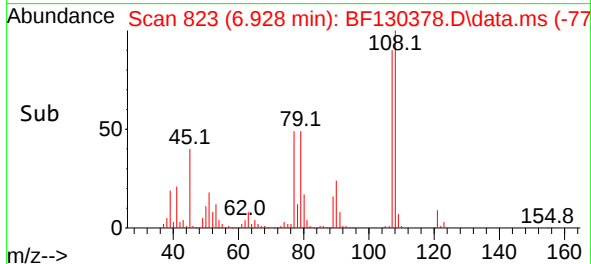
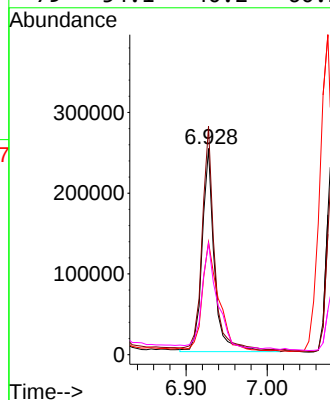
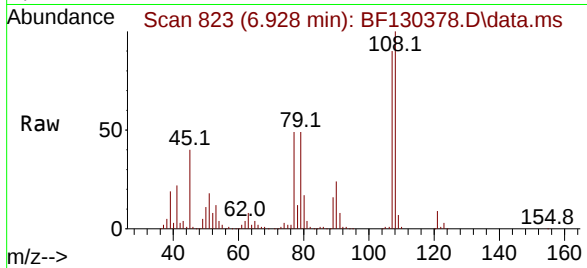




#17  
2-Methylphenol  
Concen: 40.541 ng  
RT: 6.928 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

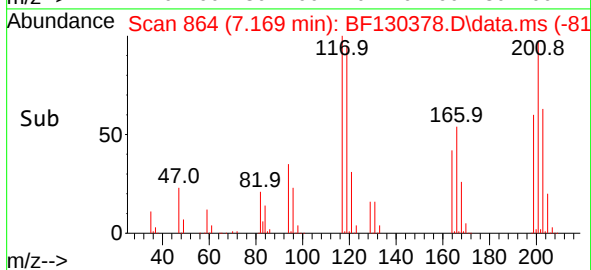
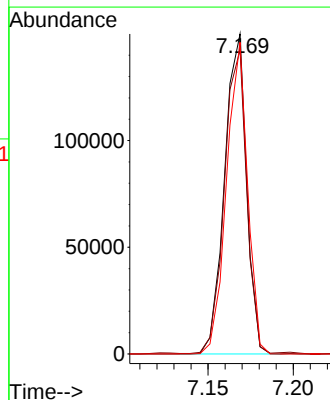
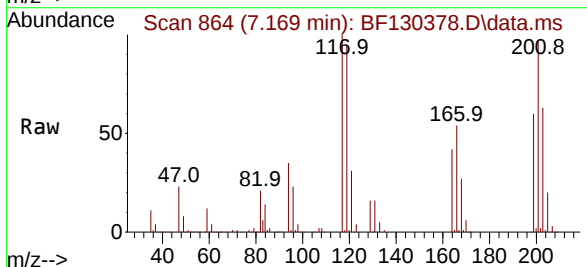
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

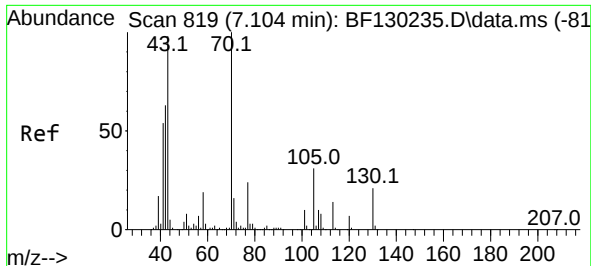
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 264173 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.9 | 89.4  | 134.0  |
| 77       | 54.7  | 40.6  | 60.8   |
| 79       | 54.1  | 40.2  | 60.2   |



#18  
Hexachloroethane  
Concen: 37.973 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 134632 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 77.8  | 116.6  |
| 201      | 97.4  | 68.7  | 103.1  |

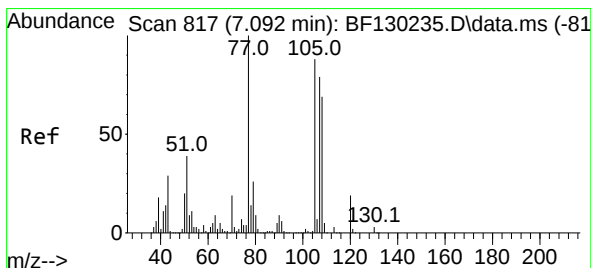
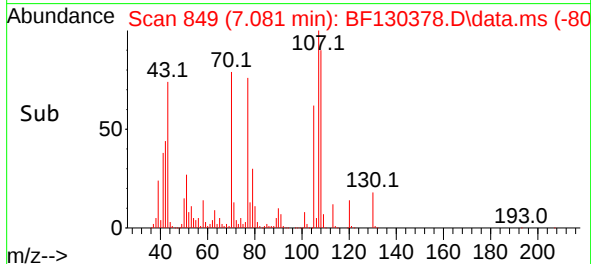
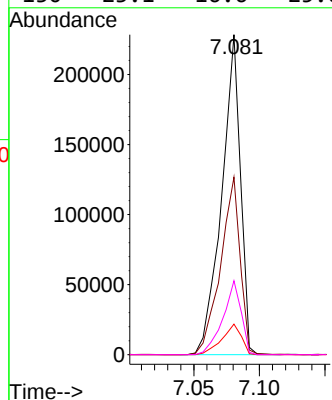
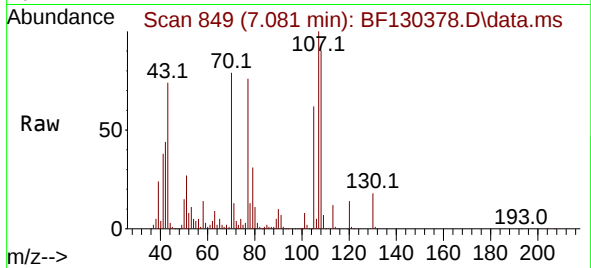




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.171 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.012 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

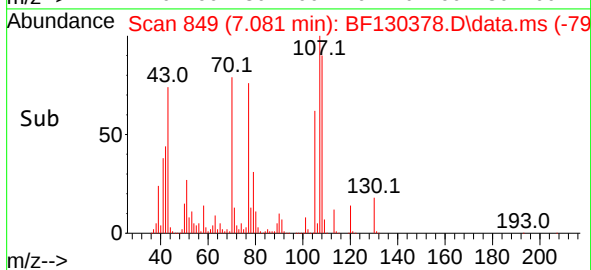
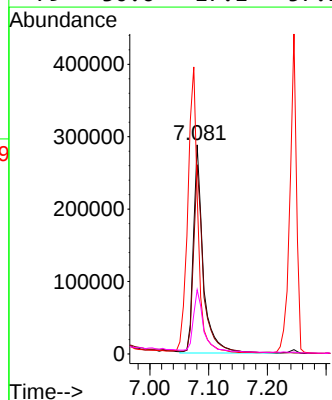
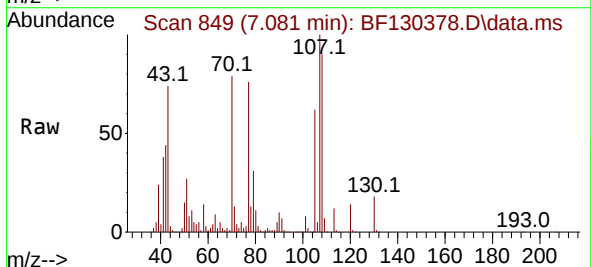
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

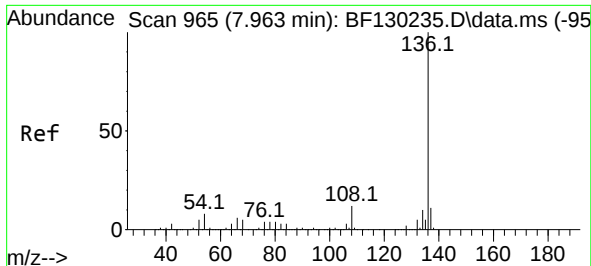
Tgt Ion: 70 Resp: 226782  
Ion Ratio Lower Upper  
70 100  
42 55.5 50.8 76.2  
101 9.5 8.2 12.4  
130 23.1 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 39.438 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 107 Resp: 333843  
Ion Ratio Lower Upper  
107 100  
108 90.5 74.8 114.8  
77 76.2 125.8 165.8#  
79 30.6 17.1 57.1



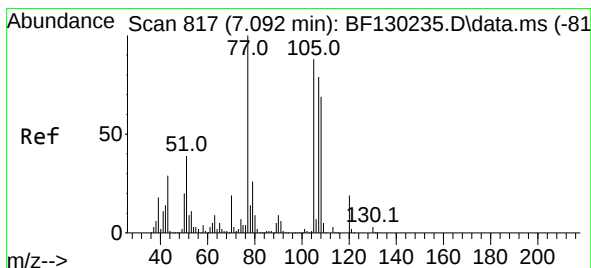
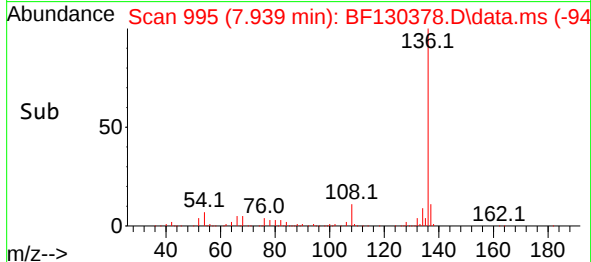
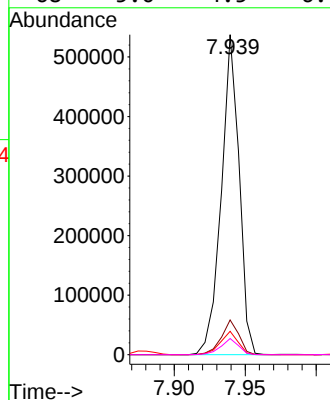
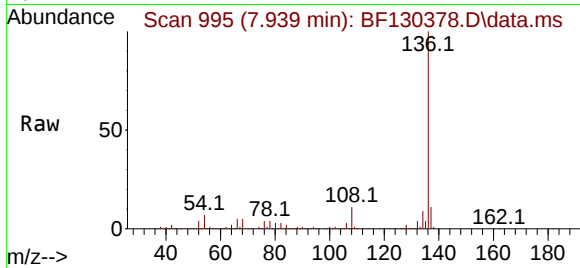


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.939 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

Tgt Ion:136 Resp: 468569

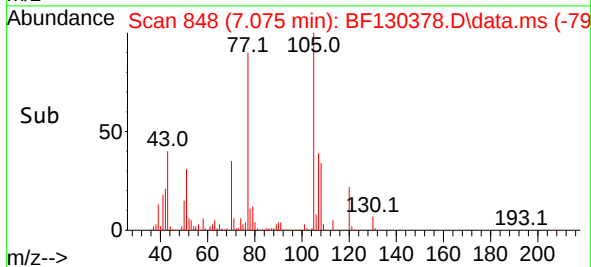
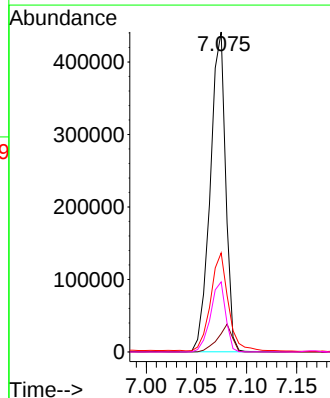
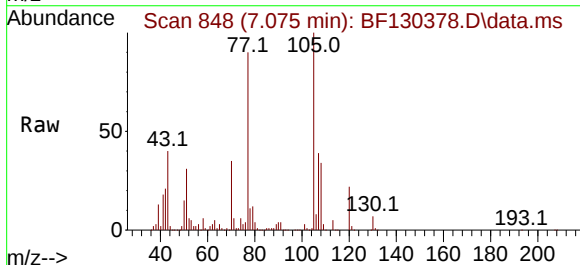
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.1   | 13.7  |
| 54  | 7.3   | 7.1   | 10.7  |
| 68  | 5.0   | 4.5   | 6.7   |

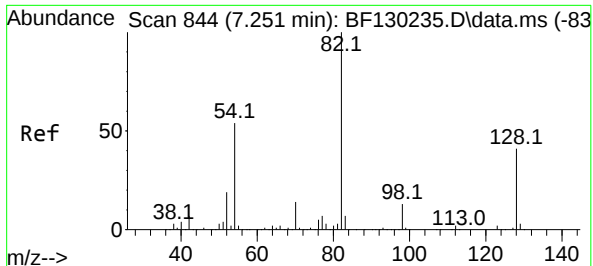


#22  
Acetophenone  
Concen: 41.192 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:105 Resp: 471890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.7   | 3.9   | 5.9   |
| 51  | 31.0  | 32.2  | 48.2# |
| 120 | 21.9  | 17.3  | 25.9  |





#23

Nitrobenzene-d5

Concen: 63.391 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

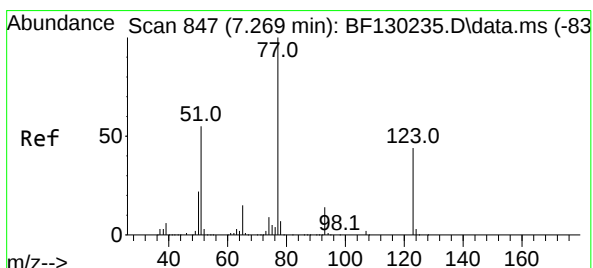
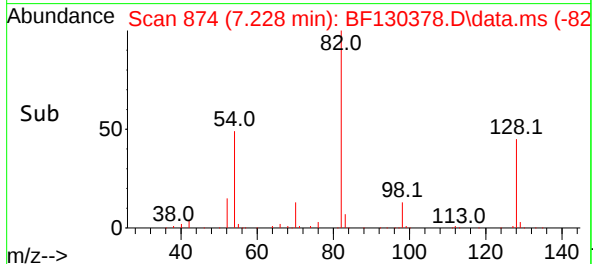
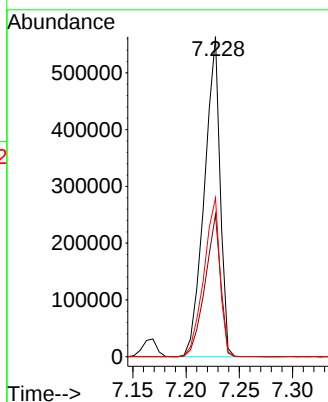
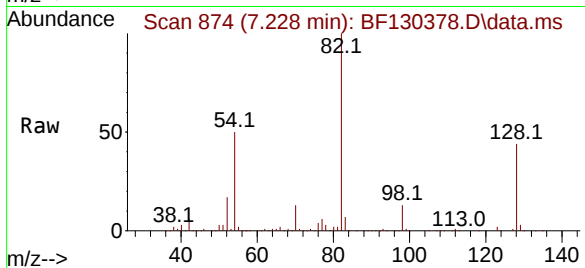
Tgt Ion: 82 Resp: 581407

Ion Ratio Lower Upper

82 100

128 44.4 32.6 49.0

54 49.6 43.8 65.6



#24

Nitrobenzene

Concen: 37.308 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

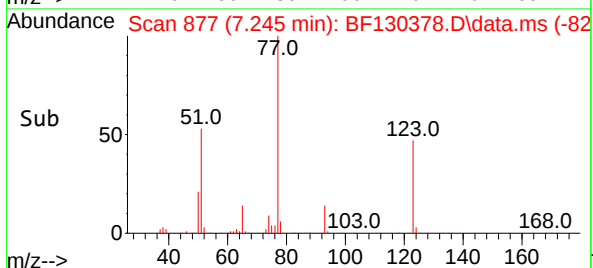
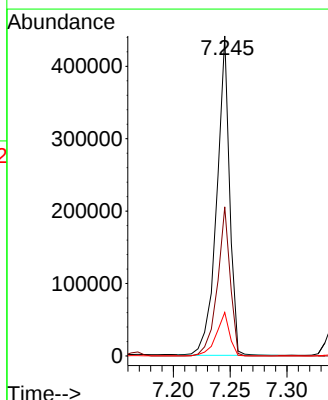
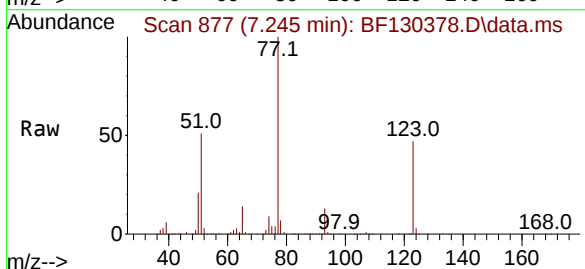
Tgt Ion: 77 Resp: 347441

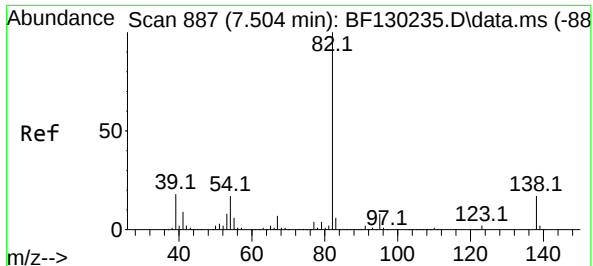
Ion Ratio Lower Upper

77 100

123 46.6 34.3 51.5

65 13.6 12.0 18.0

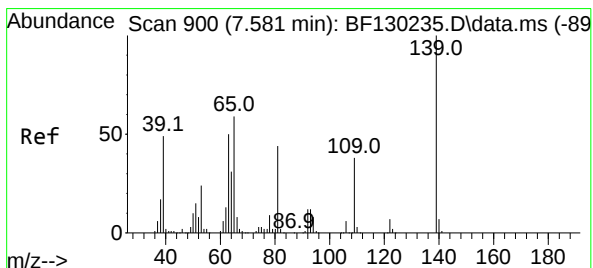
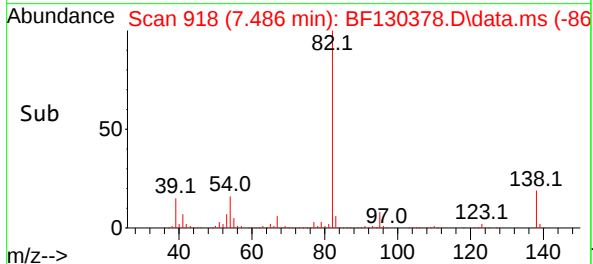
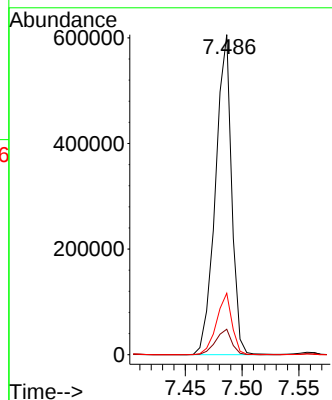
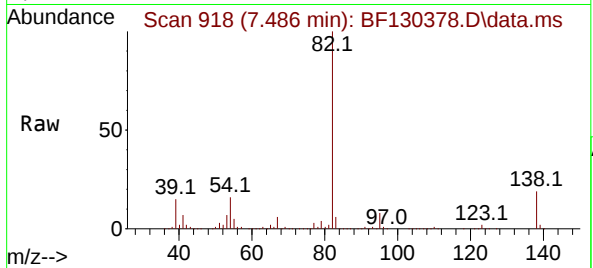




#25  
Isophorone  
Concen: 40.446 ng  
RT: 7.486 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

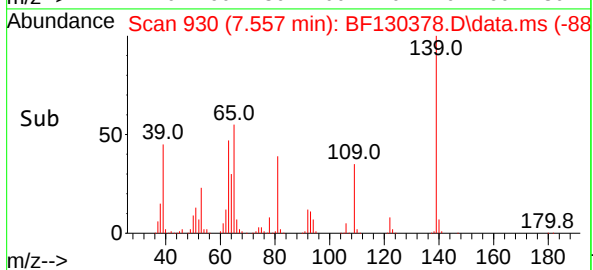
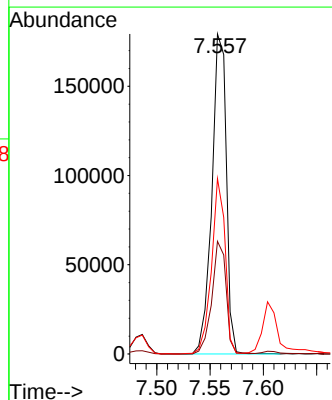
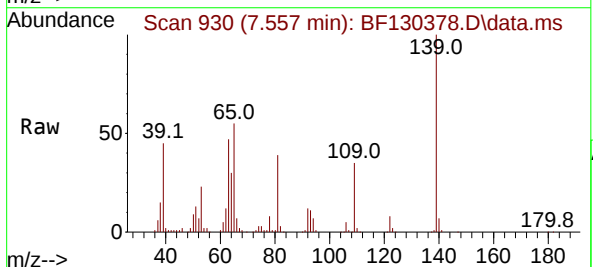
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

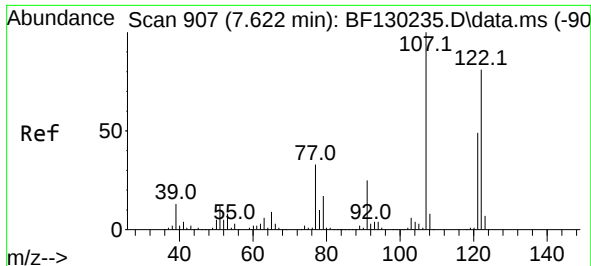
Tgt Ion: 82 Resp: 597898  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 19.2 13.8 20.6



#26  
2-Nitrophenol  
Concen: 44.407 ng  
RT: 7.557 min Scan# 930  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 139 Resp: 169533  
Ion Ratio Lower Upper  
139 100  
109 35.2 30.2 45.4  
65 54.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.169 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

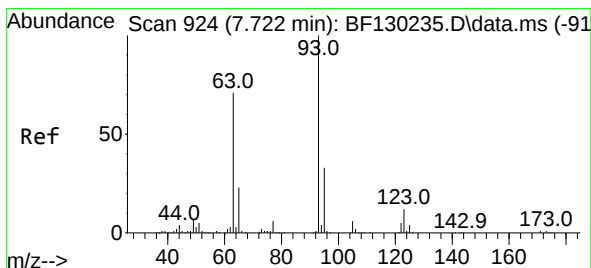
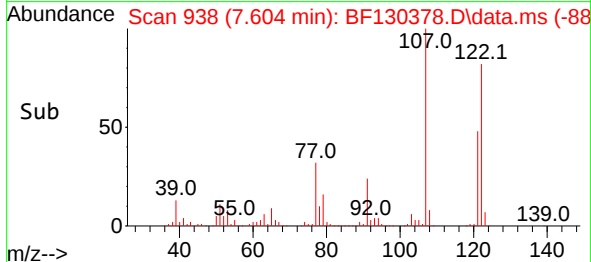
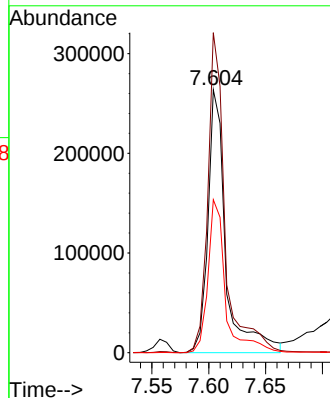
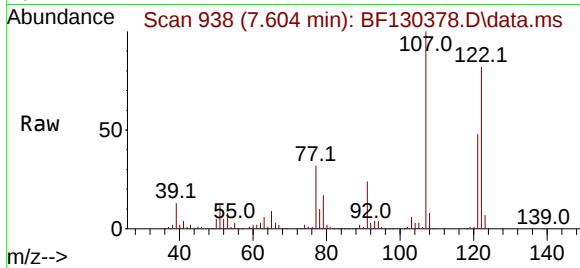
Tgt Ion:122 Resp: 289027

Ion Ratio Lower Upper

122 100

107 121.7 100.2 150.2

121 58.2 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.243 ng

RT: 7.698 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

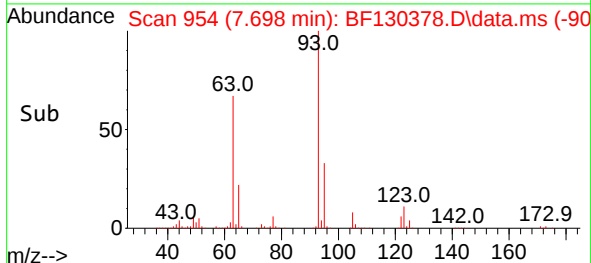
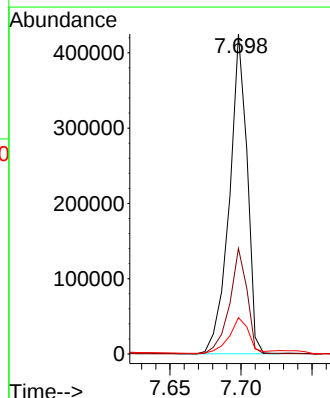
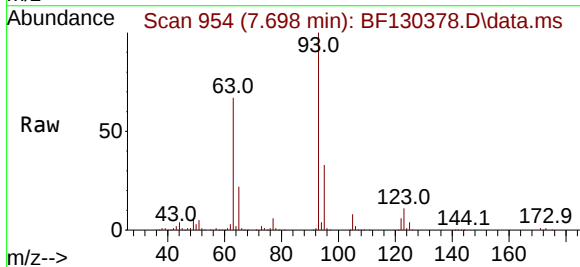
Tgt Ion: 93 Resp: 368273

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 40.047 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

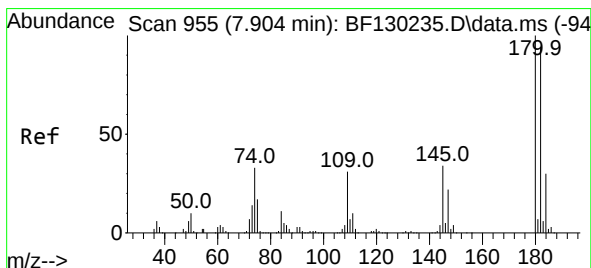
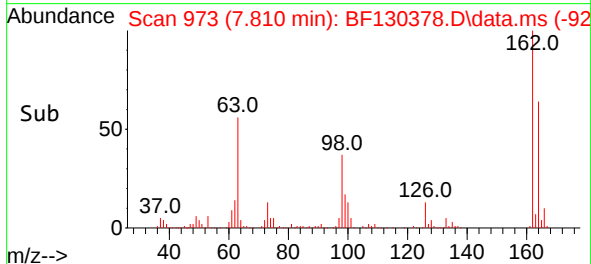
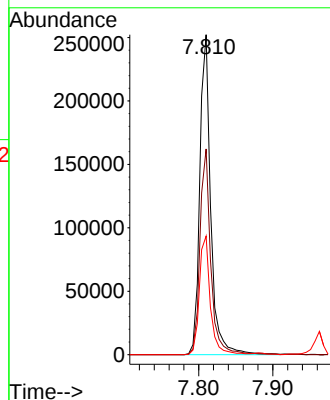
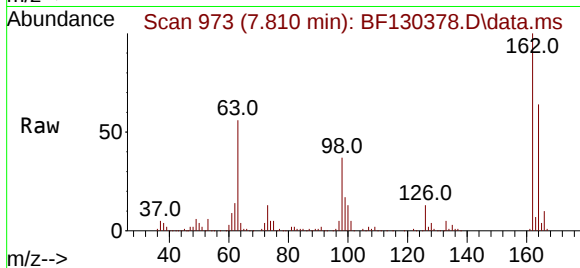
Tgt Ion:162 Resp: 257964

Ion Ratio Lower Upper

162 100

164 64.3 42.2 82.2

98 37.0 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 40.112 ng

RT: 7.880 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

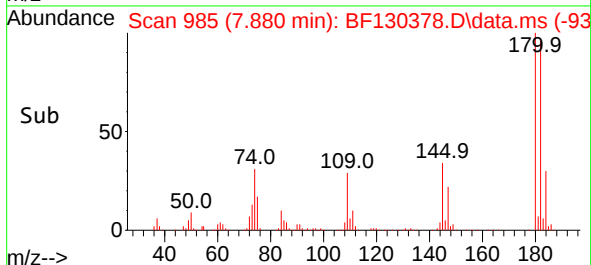
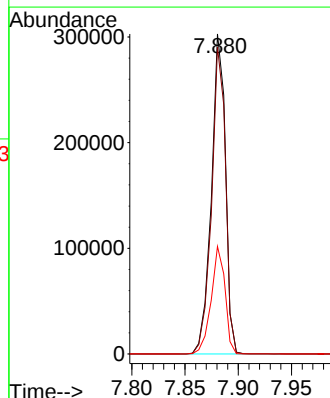
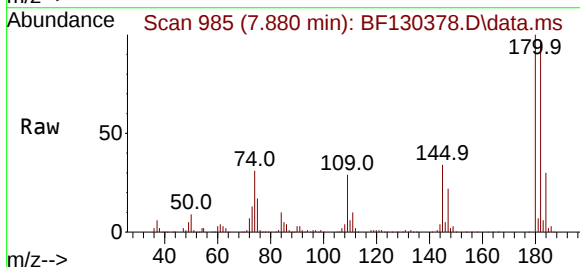
Tgt Ion:180 Resp: 279356

Ion Ratio Lower Upper

180 100

182 96.0 73.3 109.9

145 33.6 28.3 42.5

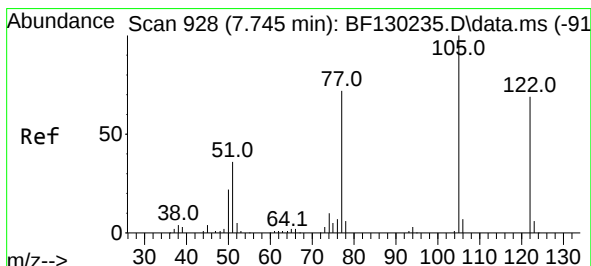
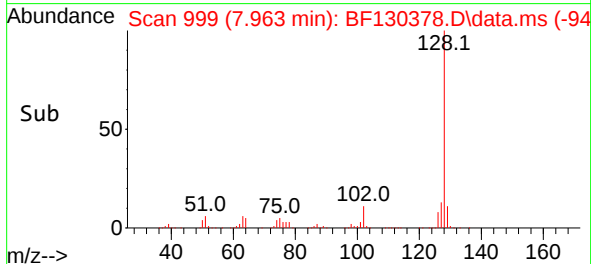
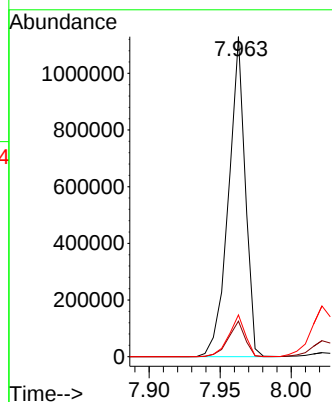
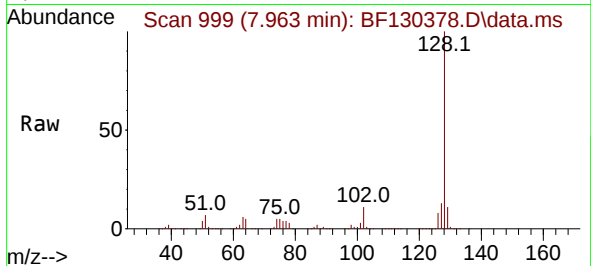




#31  
Naphthalene  
Concen: 38.372 ng  
RT: 7.963 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

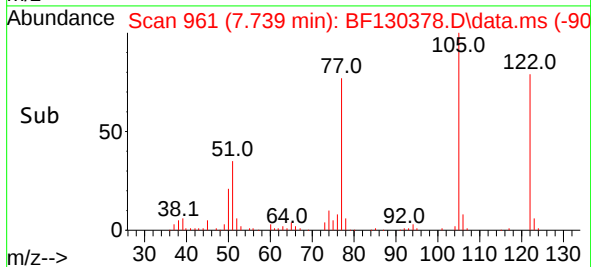
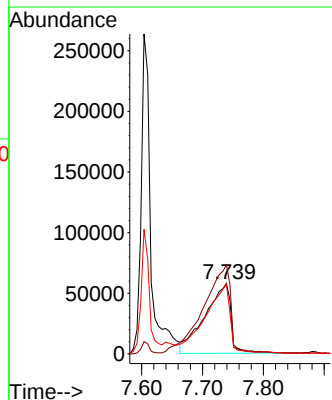
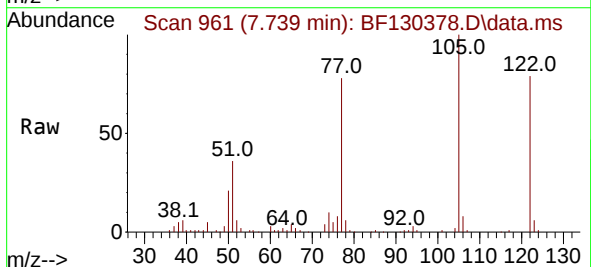
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

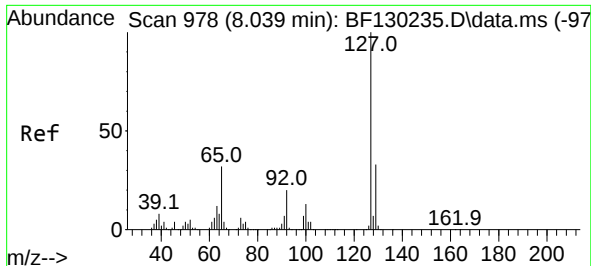
Tgt Ion:128 Resp: 926307  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 13.0 10.6 16.0



#32  
Benzoic acid  
Concen: 37.585 ng  
RT: 7.739 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:122 Resp: 170852  
Ion Ratio Lower Upper  
122 100  
105 126.5 112.9 152.9  
77 98.7 82.8 122.8





#33

4-Chloroaniline

Concen: 25.657 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 235565

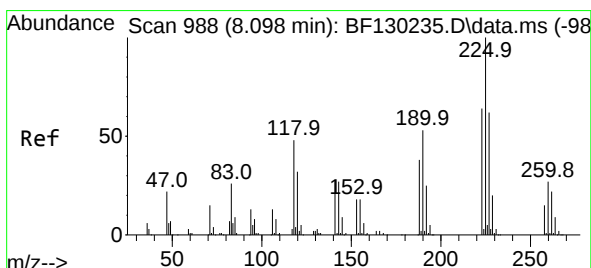
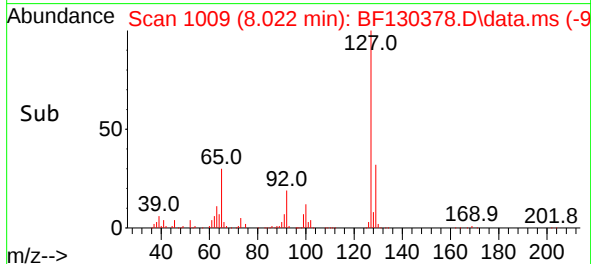
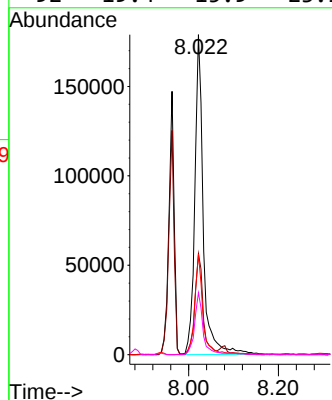
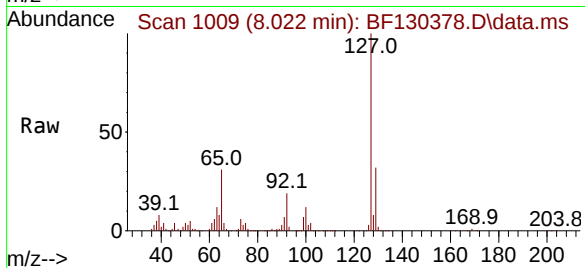
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 31.4 27.0 40.6

92 19.4 15.9 23.9



#34

Hexachlorobutadiene

Concen: 39.911 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

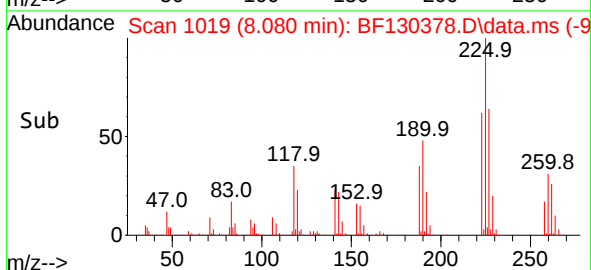
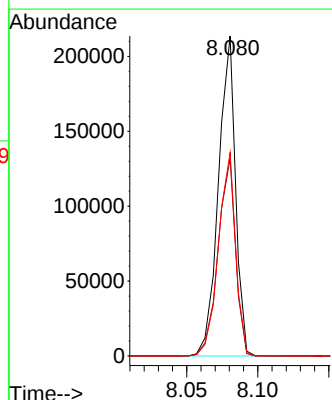
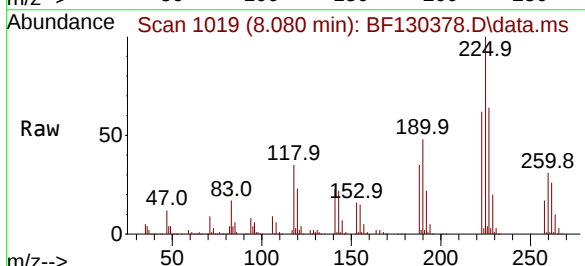
Tgt Ion:225 Resp: 177638

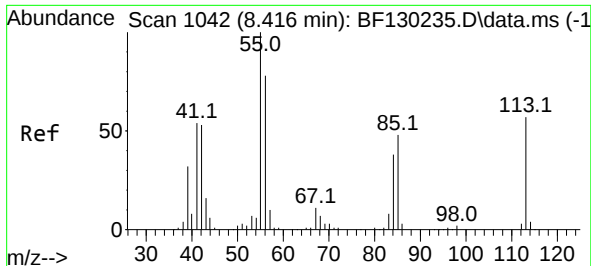
Ion Ratio Lower Upper

225 100

223 61.8 50.3 75.5

227 63.6 51.1 76.7

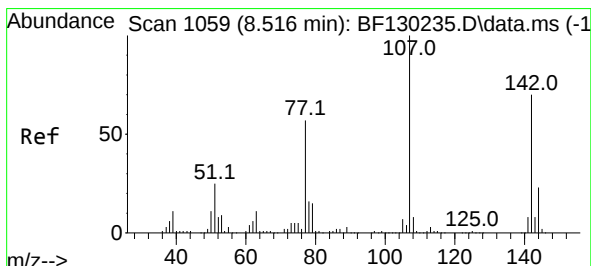
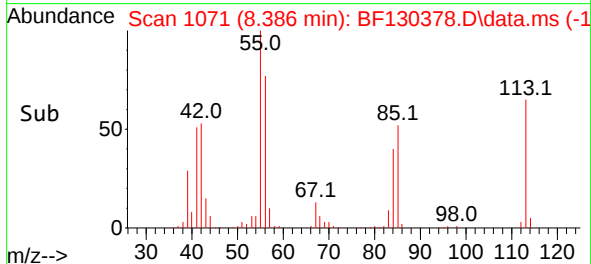
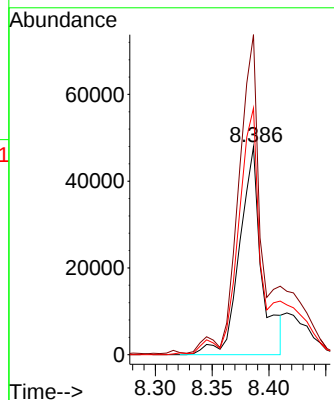
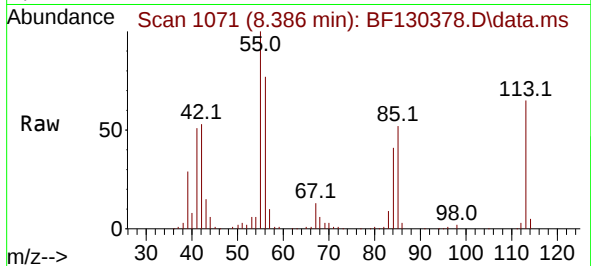




#35  
Caprolactam  
Concen: 34.977 ng  
RT: 8.386 min Scan# 1071  
Delta R.T. -0.018 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

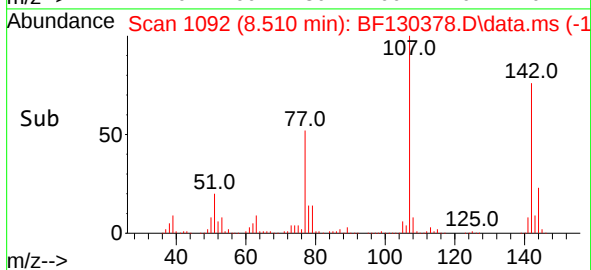
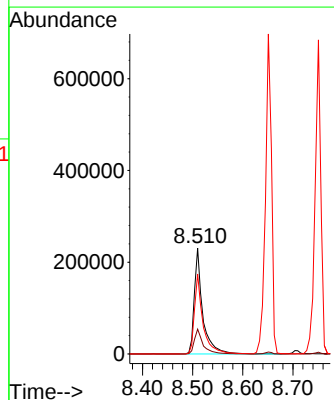
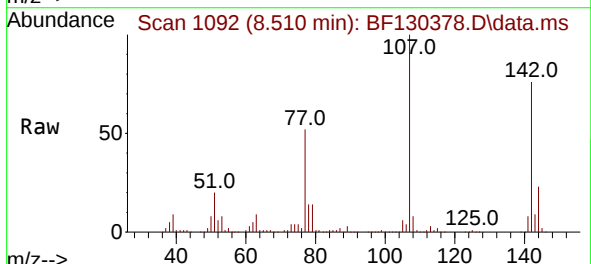
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

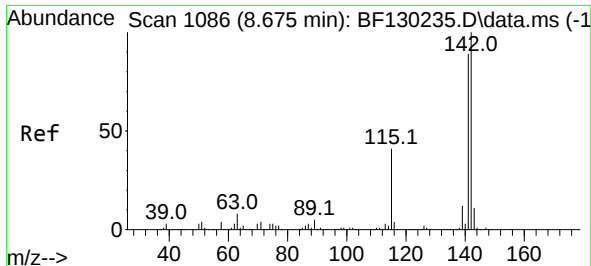
Tgt Ion:113 Resp: 64590  
Ion Ratio Lower Upper  
113 100  
55 153.9 155.4 195.4#  
56 118.6 120.4 160.4#



#36  
4-Chloro-3-methylphenol  
Concen: 37.634 ng  
RT: 8.510 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:107 Resp: 268707  
Ion Ratio Lower Upper  
107 100  
144 23.5 20.0 30.0  
142 75.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 38.008 ng

RT: 8.651 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

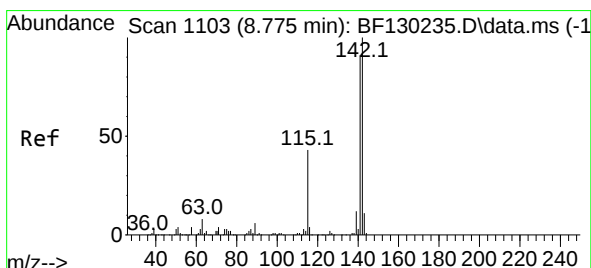
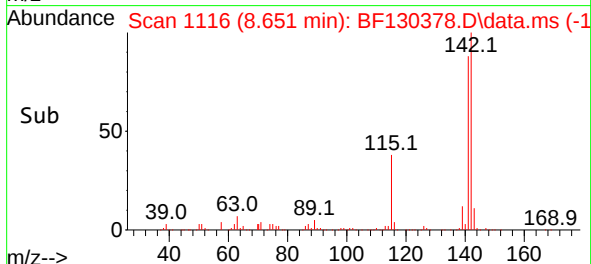
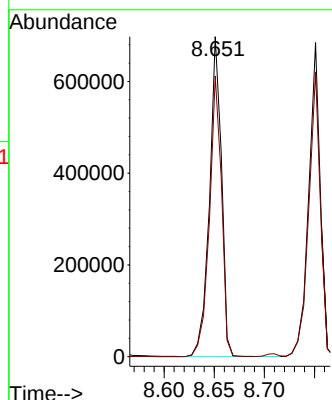
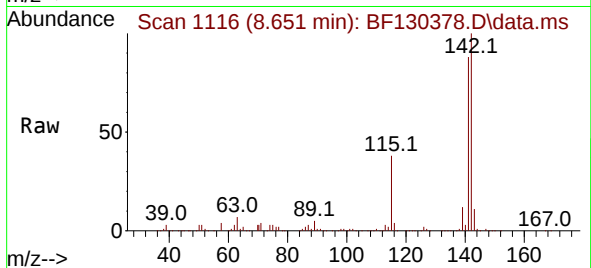
WC-1MSD

Tgt Ion:142 Resp: 584992

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0



#38

1-Methylnaphthalene

Concen: 36.983 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF130378.D

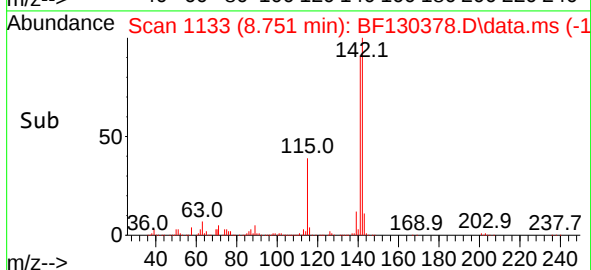
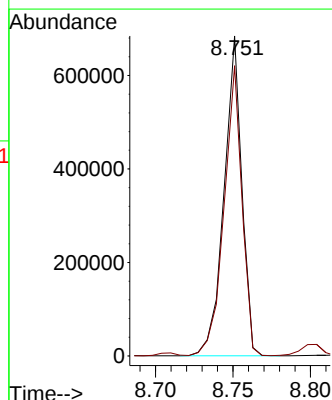
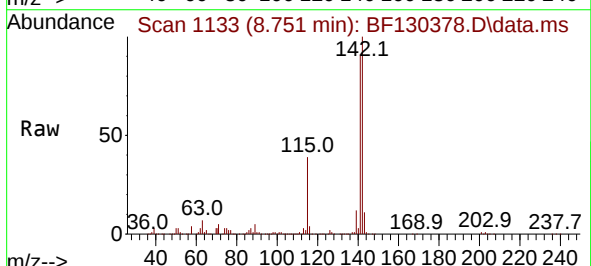
Acq: 22 Sep 2022 16:20

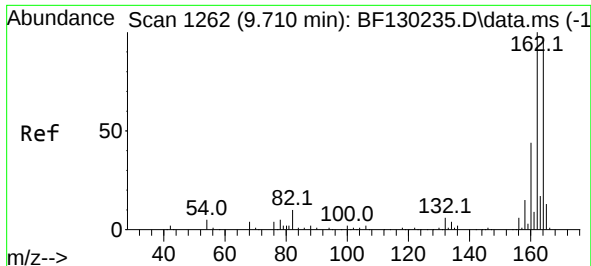
Tgt Ion:142 Resp: 546821

Ion Ratio Lower Upper

142 100

141 90.7 73.8 110.8

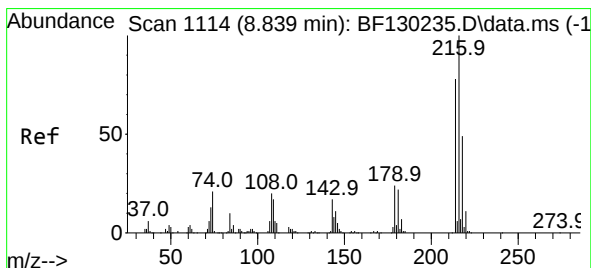
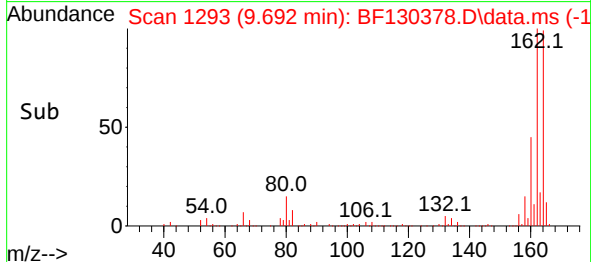
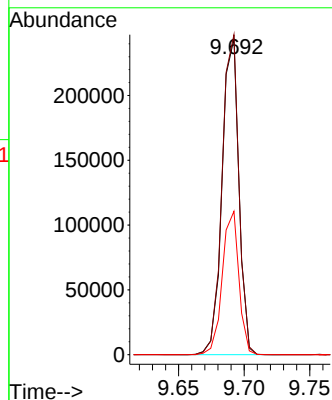
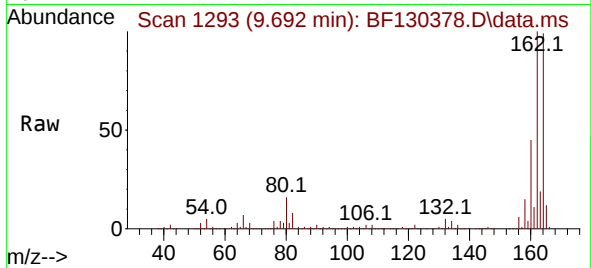




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.692 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

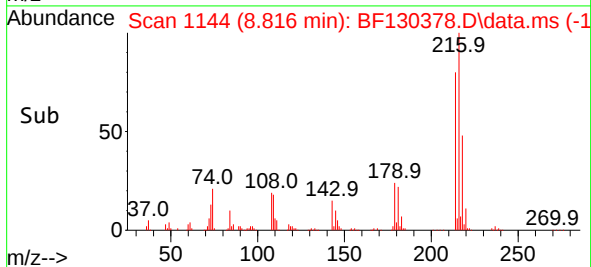
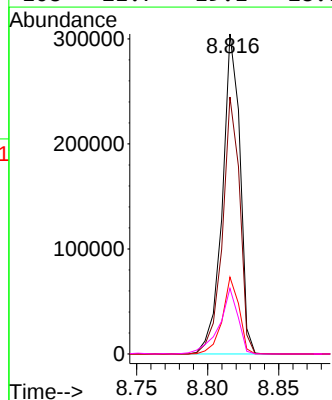
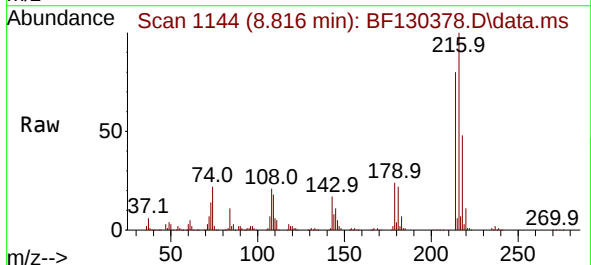
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

Tgt Ion:164 Resp: 216609  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.4 122.0  
160 45.4 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.306 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:216 Resp: 261910  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.8 94.2  
179 22.8 19.5 29.3  
108 21.7 19.1 28.7

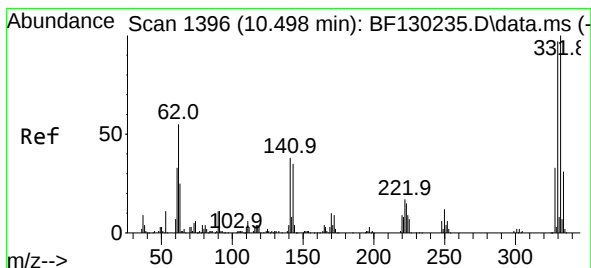
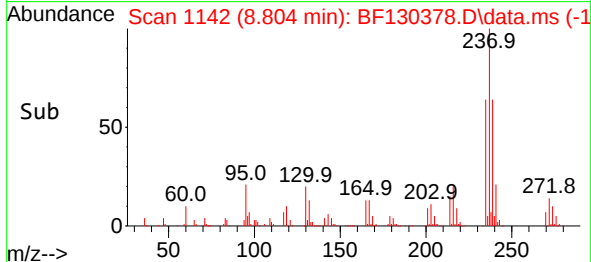
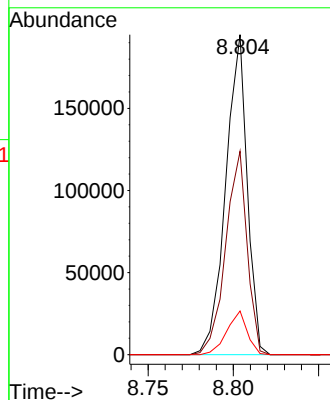
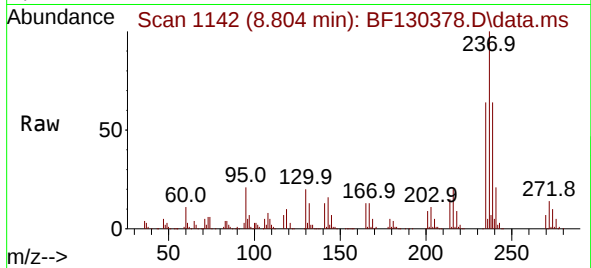




#41  
Hexachlorocyclopentadiene  
Concen: 54.077 ng  
RT: 8.804 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

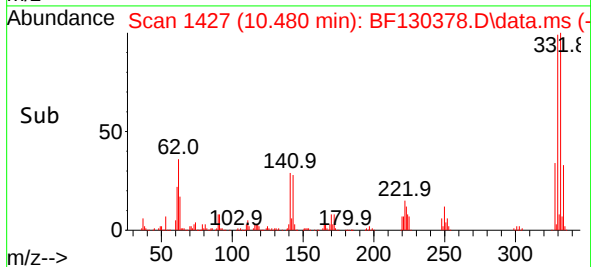
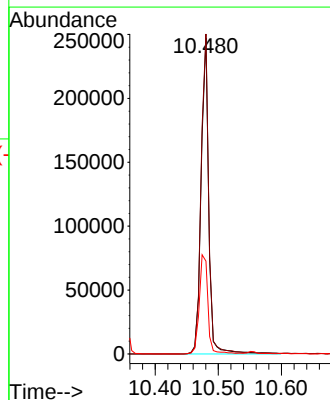
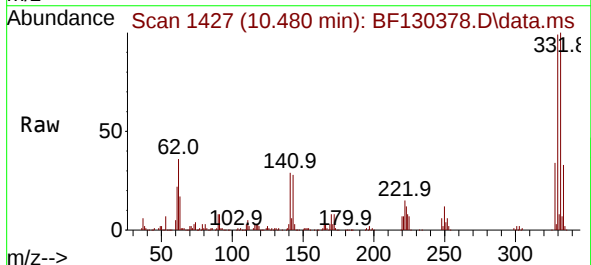
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

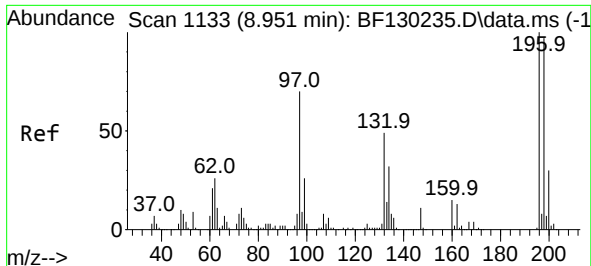
Tgt Ion:237 Resp: 171147  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.5 82.5  
272 13.7 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 98.903 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:330 Resp: 205276  
Ion Ratio Lower Upper  
330 100  
332 102.0 83.4 125.2  
141 35.9 34.0 51.0

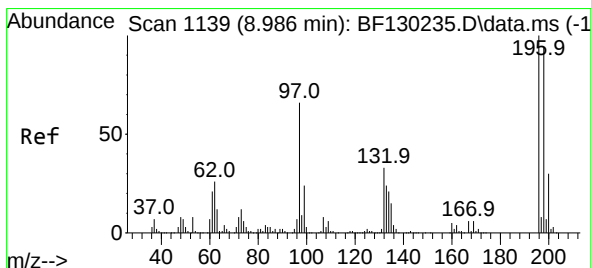
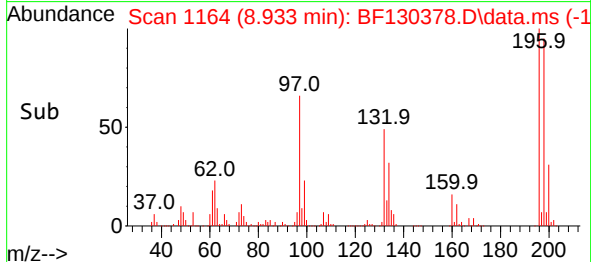
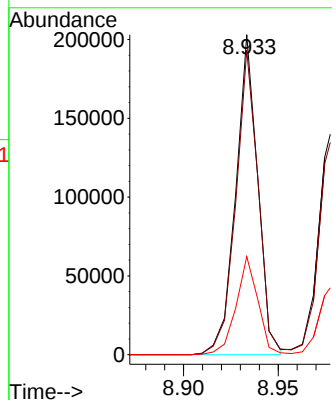
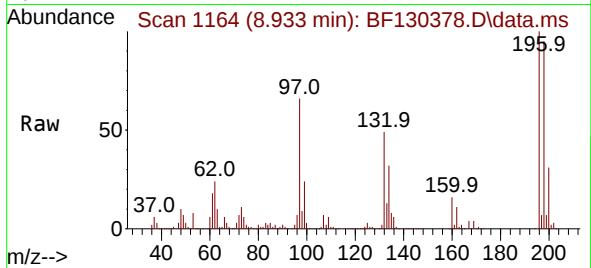




#43  
2,4,6-Trichlorophenol  
Concen: 39.746 ng  
RT: 8.933 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

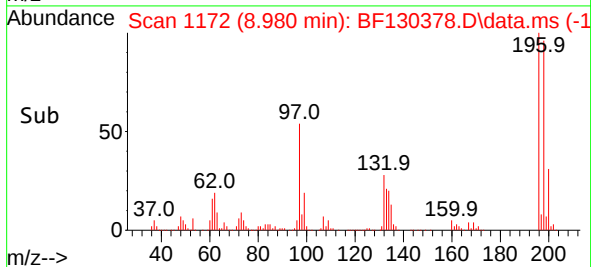
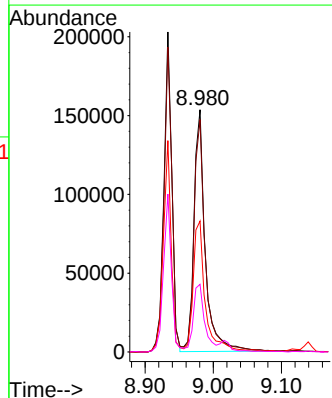
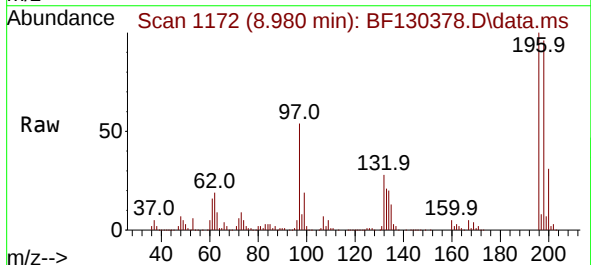
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

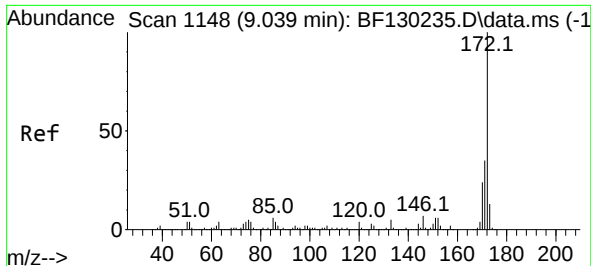
Tgt Ion:196 Resp: 163975  
Ion Ratio Lower Upper  
196 100  
198 95.2 72.4 108.6  
200 30.6 23.8 35.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.484 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:196 Resp: 175781  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.8 112.2  
97 54.0 43.7 65.5  
132 27.9 22.8 34.2

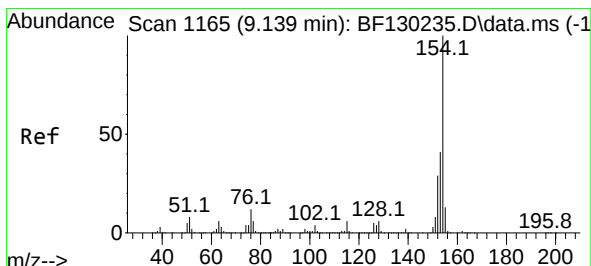
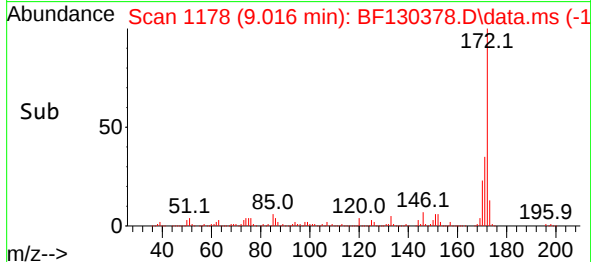
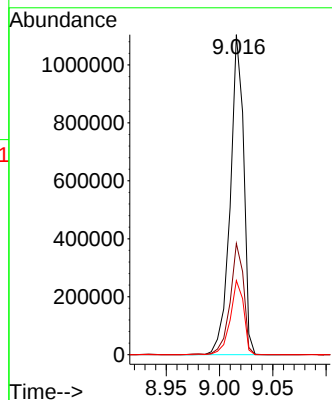
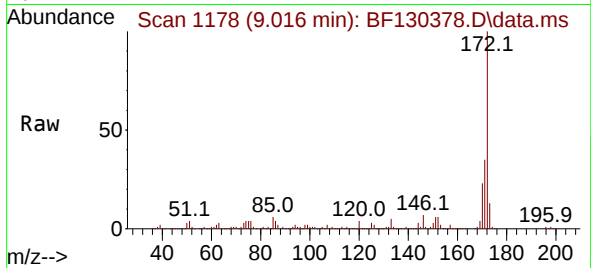




#45  
2-Fluorobiphenyl  
Concen: 65.169 ng  
RT: 9.016 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

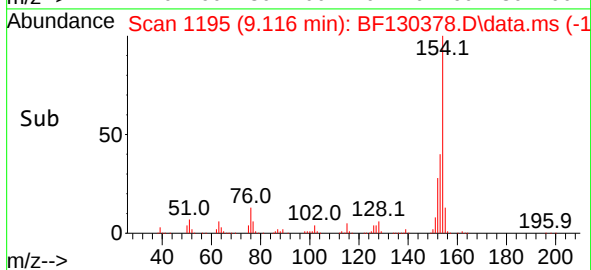
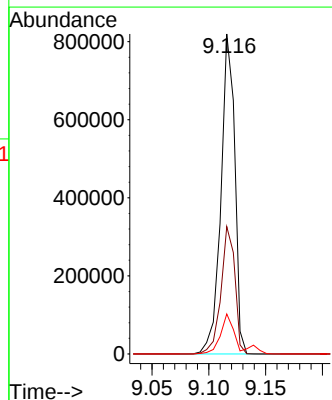
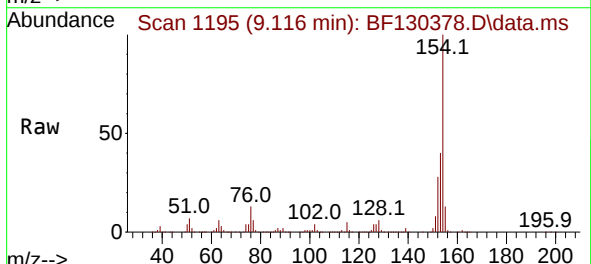
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

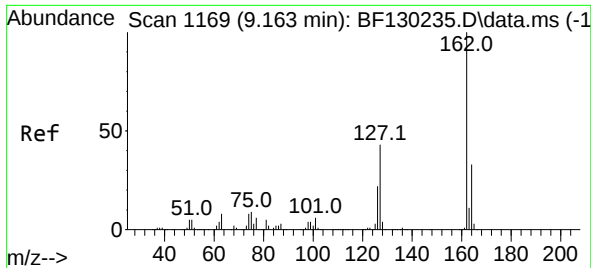
Tgt Ion:172 Resp: 969387  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 23.2 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 43.196 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:154 Resp: 698802  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 12.5 0.0 33.3

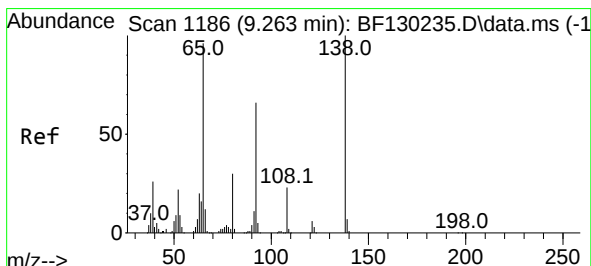
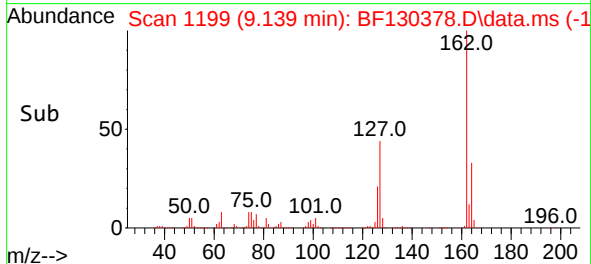
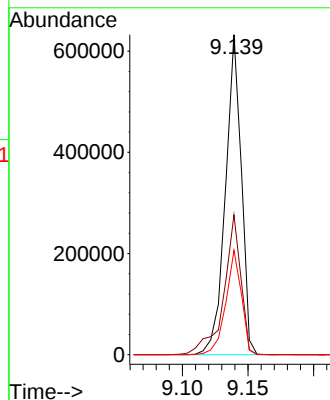
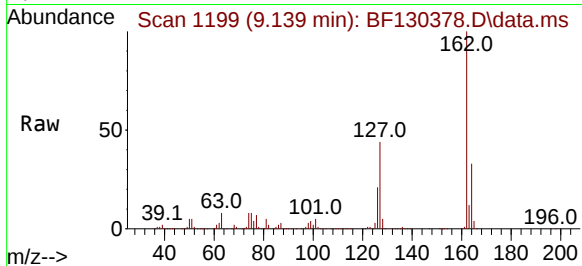




#47  
2-Chloronaphthalene  
Concen: 40.641 ng  
RT: 9.139 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

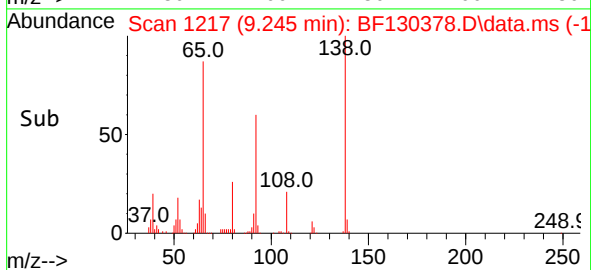
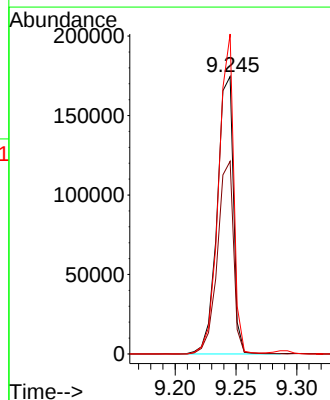
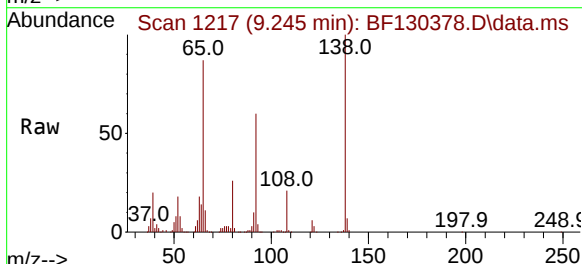
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

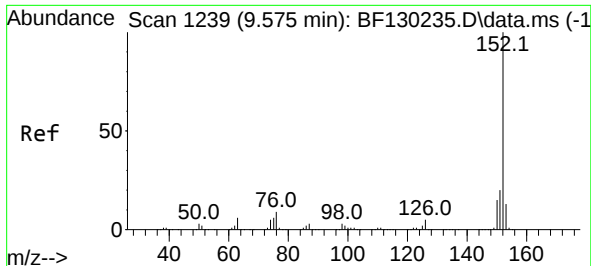
Tgt Ion:162 Resp: 531842  
Ion Ratio Lower Upper  
162 100  
127 43.7 35.9 53.9  
164 32.6 26.2 39.2



#48  
2-Nitroaniline  
Concen: 37.167 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion: 65 Resp: 162222  
Ion Ratio Lower Upper  
65 100  
92 69.4 52.2 78.4  
138 115.3 77.0 115.4





#49

Acenaphthylene

Concen: 38.408 ng

RT: 9.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

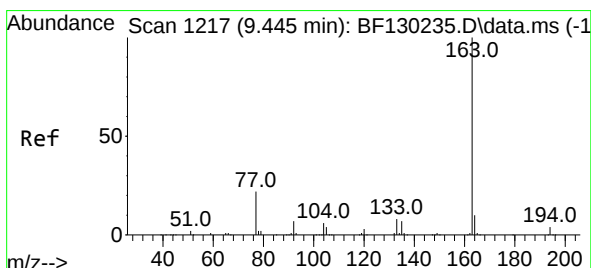
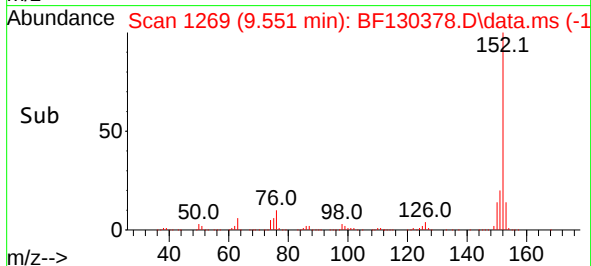
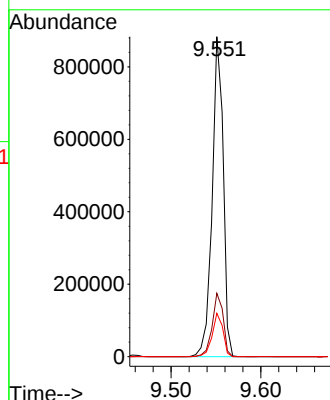
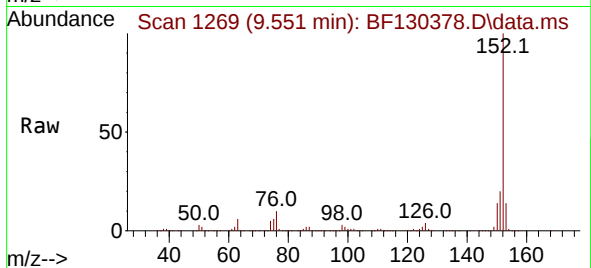
Tgt Ion:152 Resp: 753598

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 41.906 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

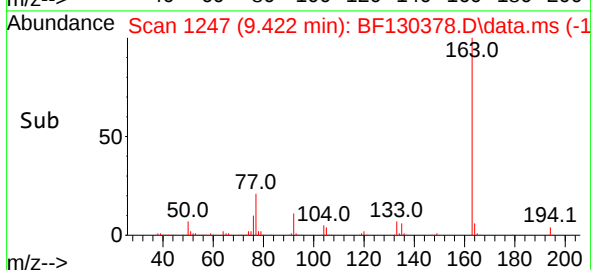
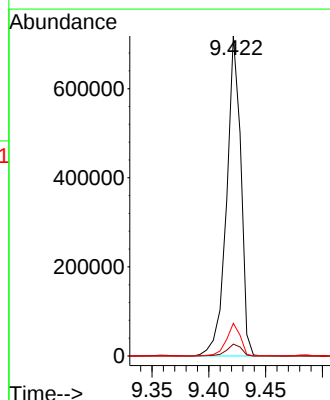
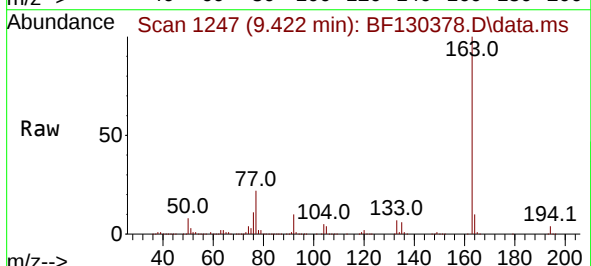
Tgt Ion:163 Resp: 627022

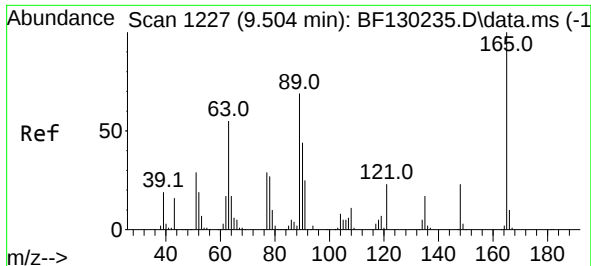
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.918 ng

RT: 9.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

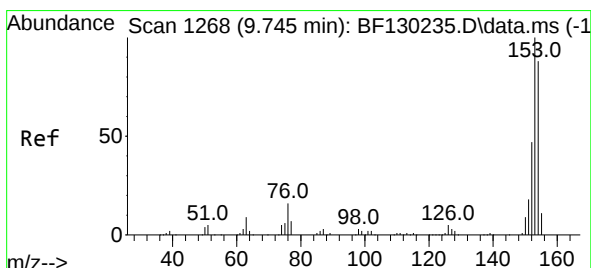
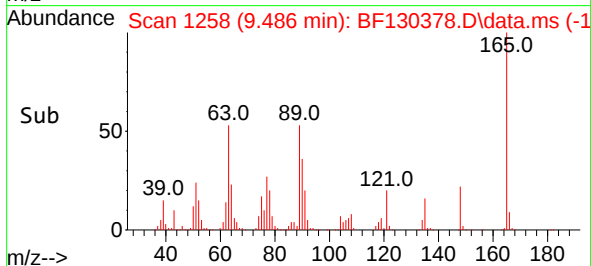
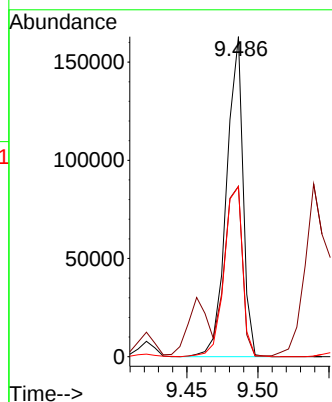
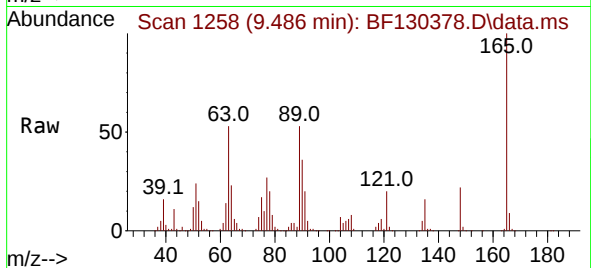
Tgt Ion:165 Resp: 131170

Ion Ratio Lower Upper

165 100

63 53.2 58.8 88.2#

89 53.2 54.5 81.7#



#52

Acenaphthene

Concen: 35.502 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

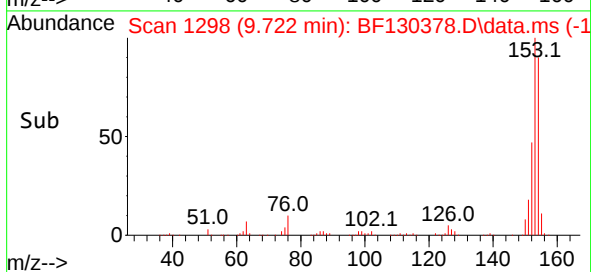
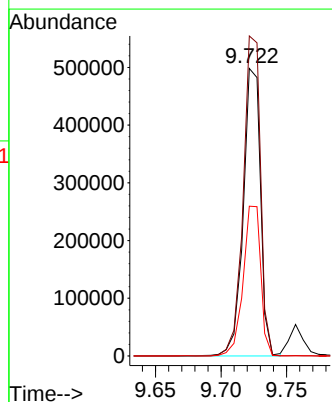
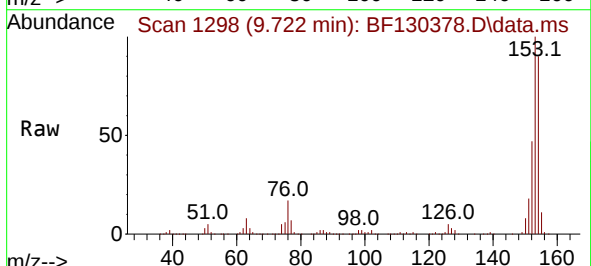
Tgt Ion:154 Resp: 457678

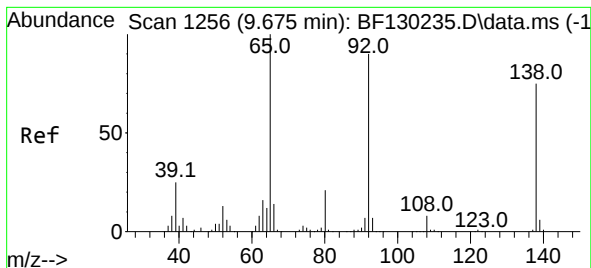
Ion Ratio Lower Upper

154 100

153 111.3 90.6 136.0

152 52.1 43.8 65.6





#53

3-Nitroaniline

Concen: 26.701 ng

RT: 9.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

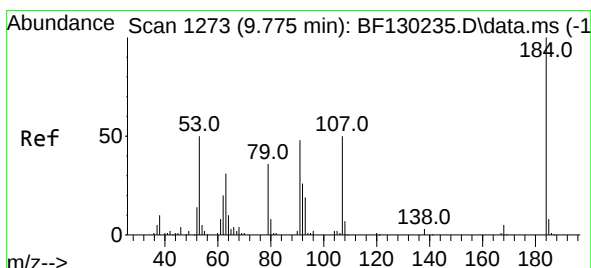
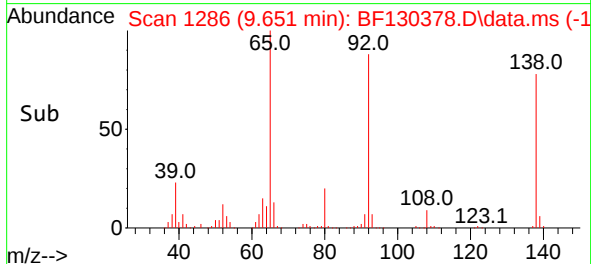
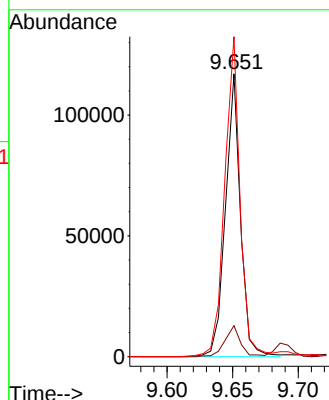
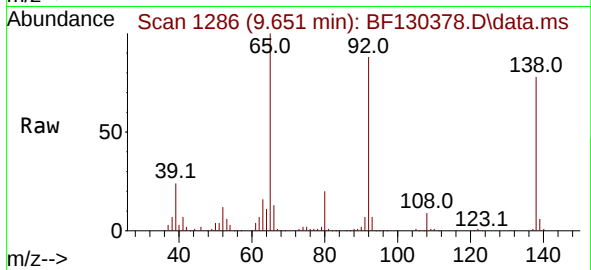
Tgt Ion:138 Resp: 93103

Ion Ratio Lower Upper

138 100

108 11.0 9.2 13.8

92 113.1 99.2 148.8



#54

2,4-Dinitrophenol

Concen: 38.651 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

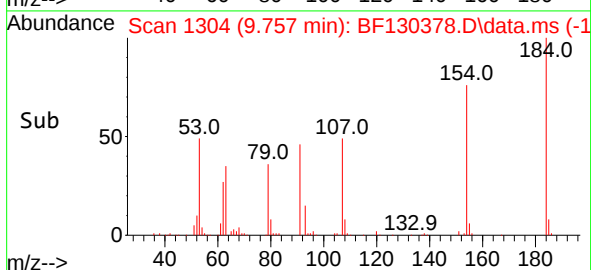
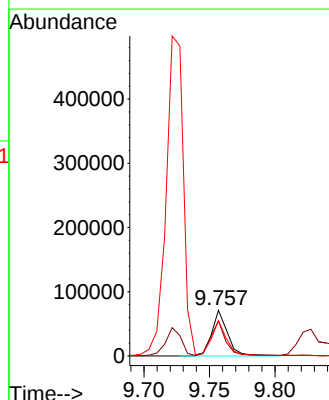
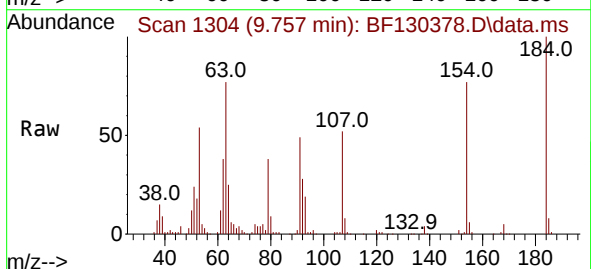
Tgt Ion:184 Resp: 59657

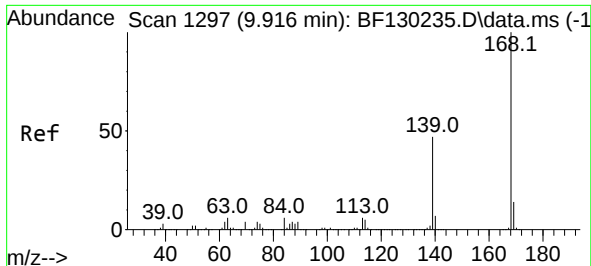
Ion Ratio Lower Upper

184 100

63 76.8 70.0 105.0

154 76.9 63.0 94.6

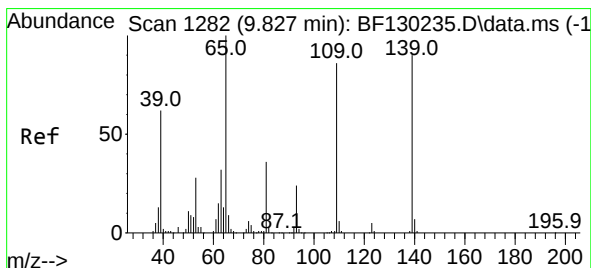
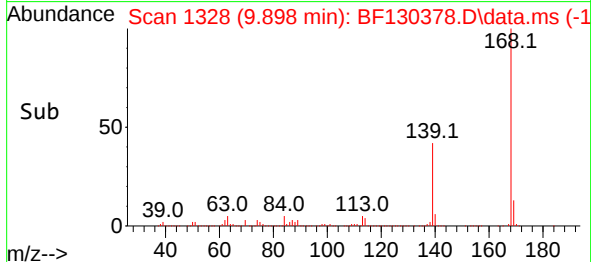
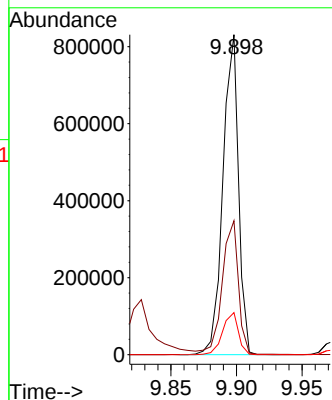
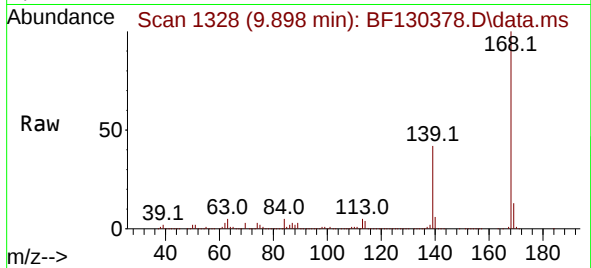




#55  
Dibenzenofuran  
Concen: 38.049 ng  
RT: 9.898 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

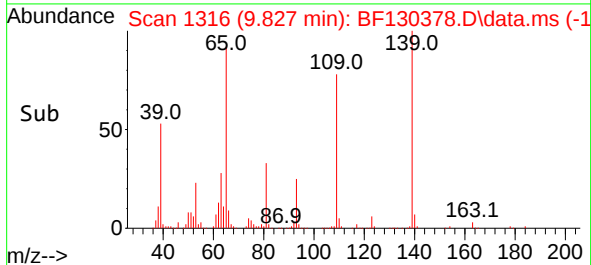
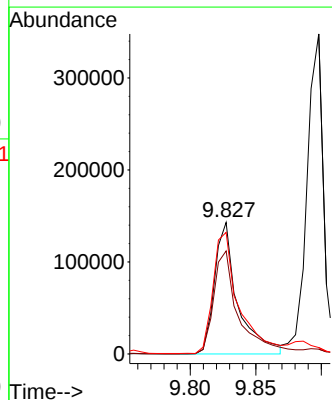
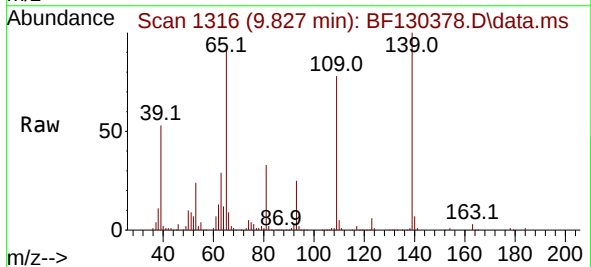
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

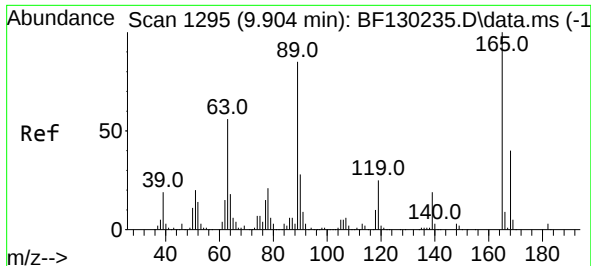
Tgt Ion:168 Resp: 682274  
Ion Ratio Lower Upper  
168 100  
139 41.8 35.0 52.4  
169 13.1 10.9 16.3



#56  
4-Nitrophenol  
Concen: 69.411 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.012 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:139 Resp: 176279  
Ion Ratio Lower Upper  
139 100  
109 78.3 72.2 112.2  
65 92.5 97.7 137.7#





#57

2,4-Dinitrotoluene

Concen: 40.174 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

Tgt Ion:165 Resp: 160663

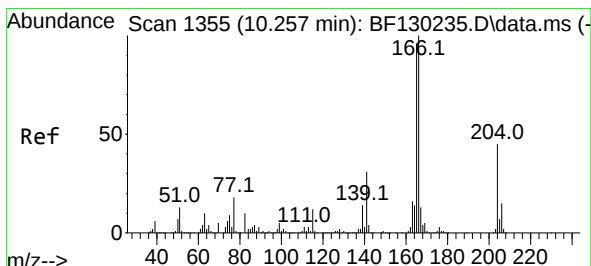
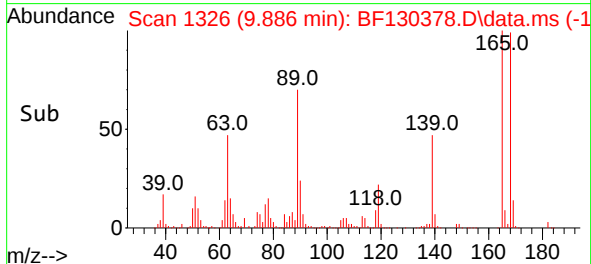
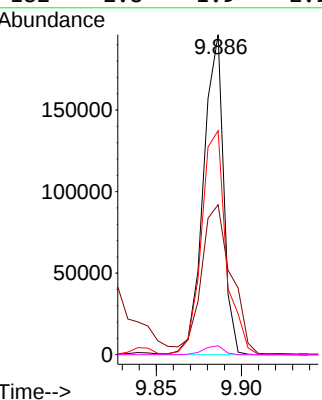
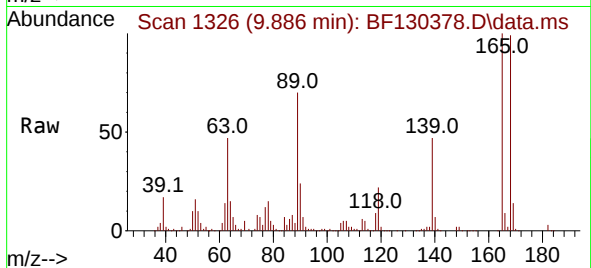
Ion Ratio Lower Upper

165 100

63 46.9 44.7 67.1

89 70.0 69.0 103.4

182 2.8 1.9 2.9



#58

Fluorene

Concen: 35.905 ng

RT: 10.239 min Scan# 1386

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

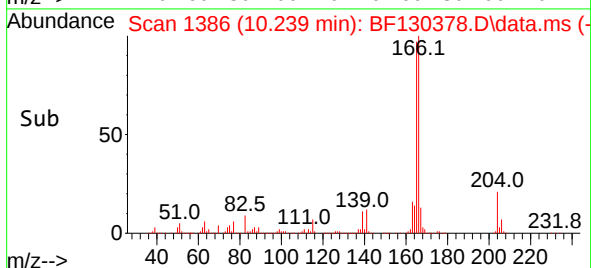
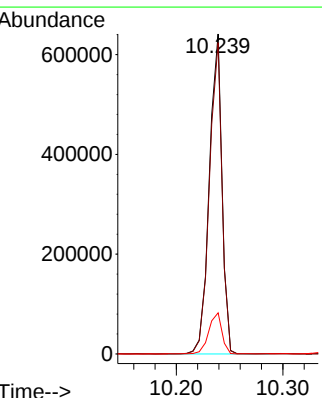
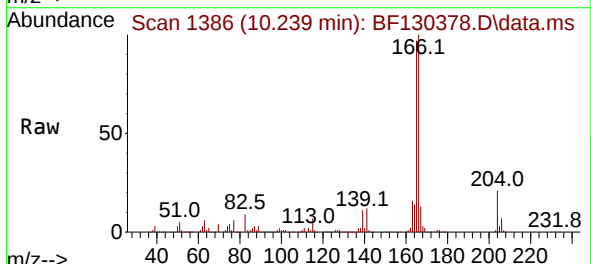
Tgt Ion:166 Resp: 526531

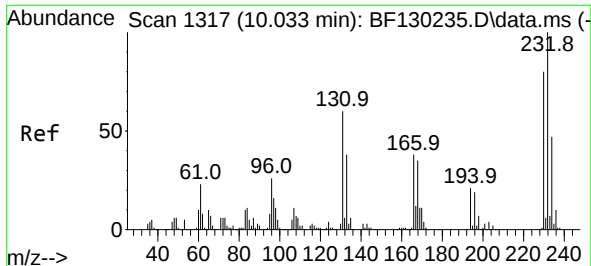
Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

167 12.9 10.6 15.8

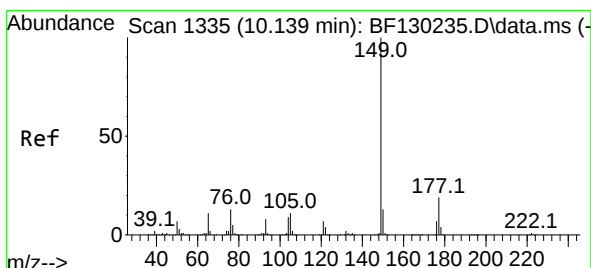
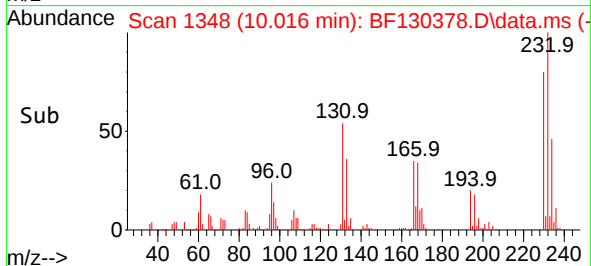
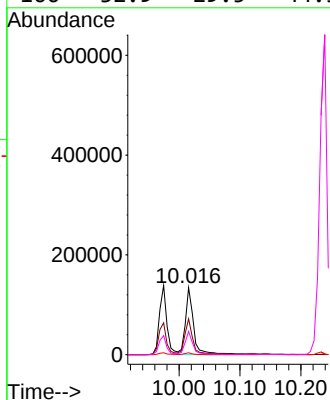
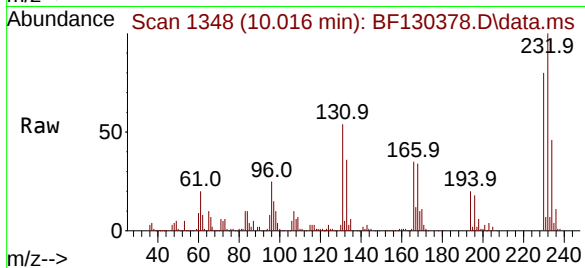




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.083 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

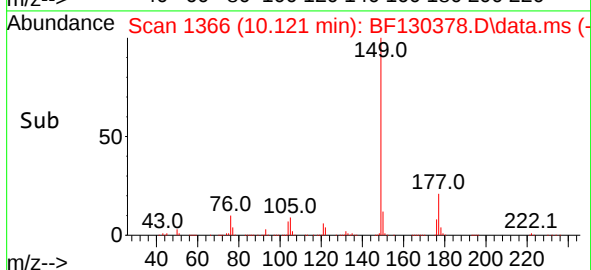
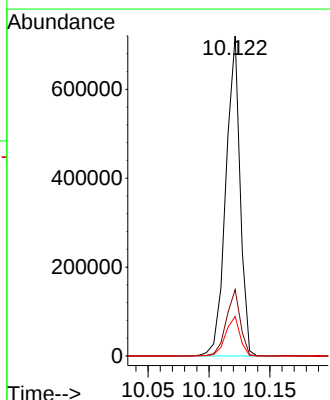
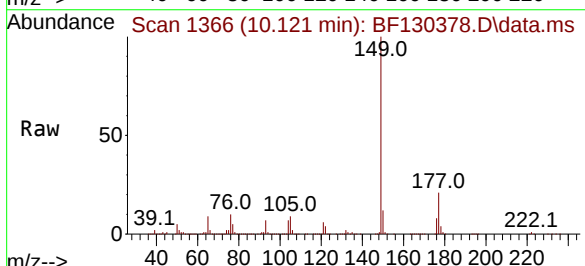
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

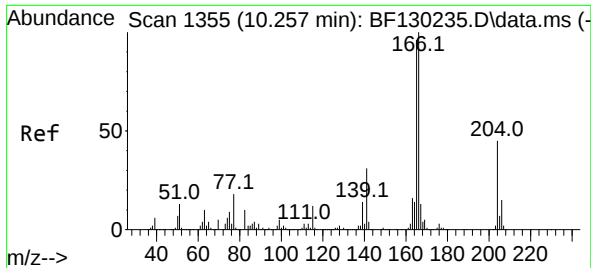
Tgt Ion:232 Resp: 125734  
Ion Ratio Lower Upper  
232 100  
131 51.2 46.4 69.6  
130 2.7 2.3 3.5  
166 32.9 29.5 44.3



#60  
Diethylphthalate  
Concen: 38.883 ng  
RT: 10.121 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:149 Resp: 583414  
Ion Ratio Lower Upper  
149 100  
177 20.8 16.1 24.1  
150 12.3 9.9 14.9

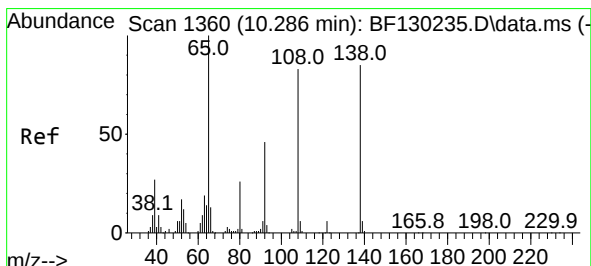
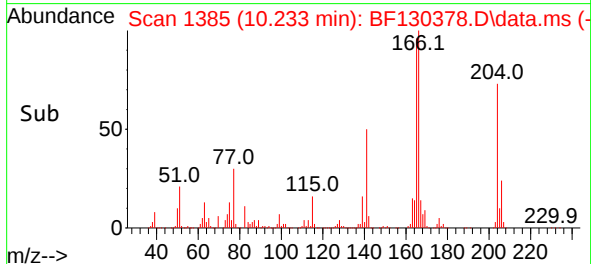
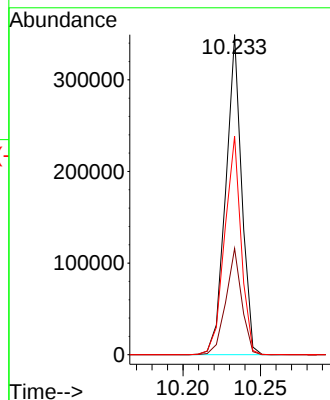
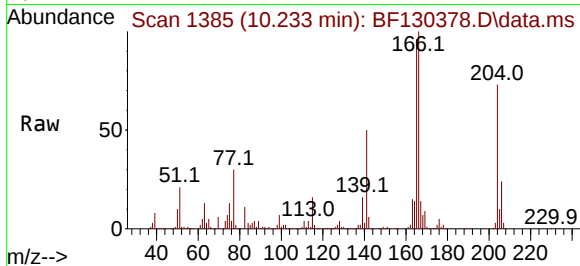




#61  
4-Chlorophenyl-phenylether  
Concen: 38.829 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

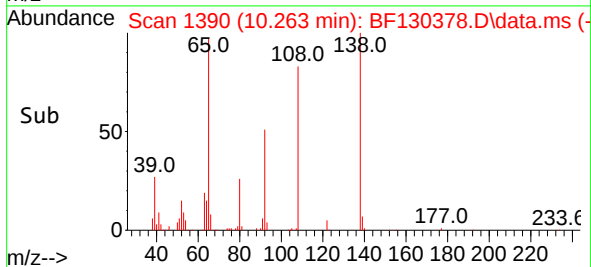
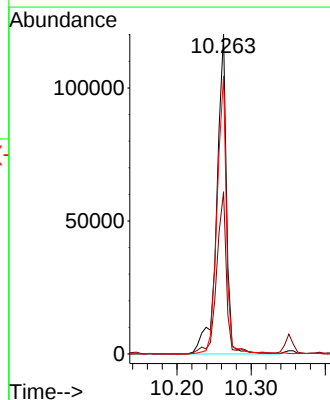
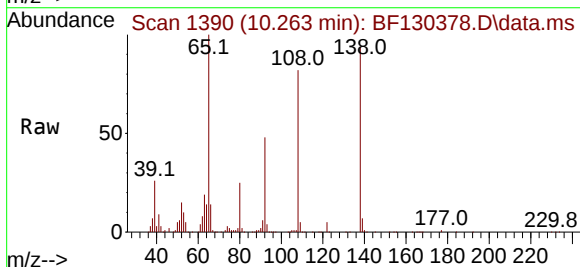
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

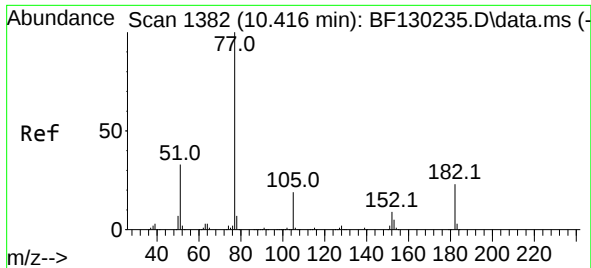
Tgt Ion:204 Resp: 249788  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 39.8  
141 68.2 57.1 85.7



#62  
4-Nitroaniline  
Concen: 31.517 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:138 Resp: 110396  
Ion Ratio Lower Upper  
138 100  
92 50.7 36.7 76.7  
108 86.9 78.2 118.2

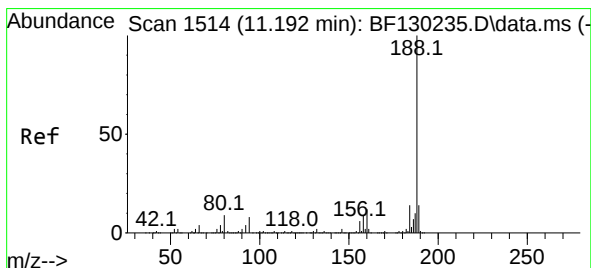
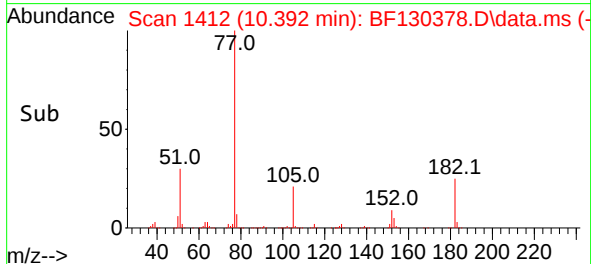
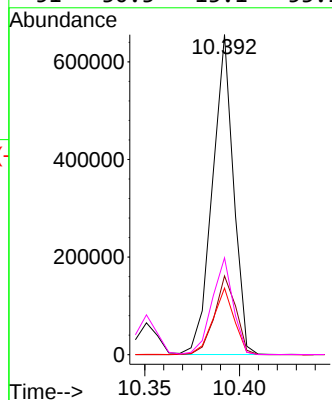
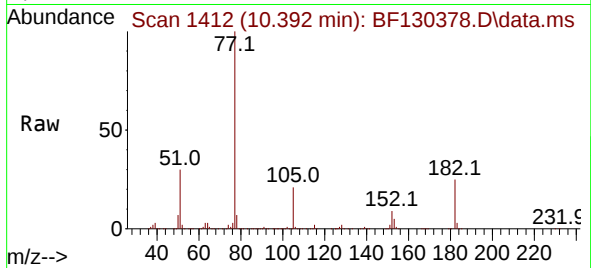




#63  
Azobenzene  
Concen: 32.761 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

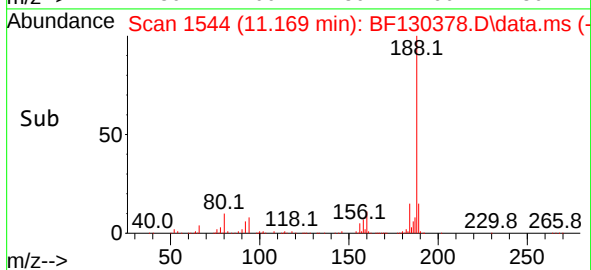
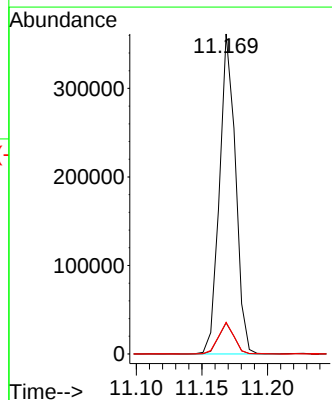
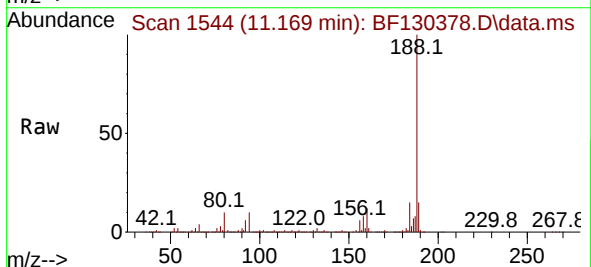
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

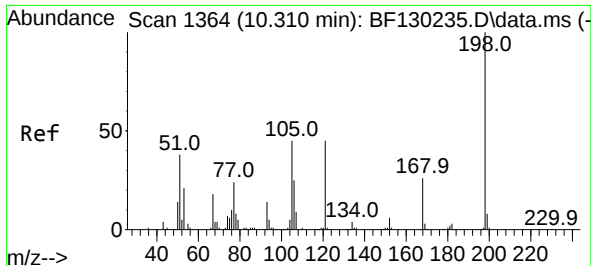
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 506161 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.6    | 2.1 42.1     |
| 105 20.8    | 0.0 39.4     |
| 51 30.3     | 13.1 53.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.169 min Scan# 1544  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 306797 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 9.7      | 7.4          | 11.2  |  |
| 80 9.9      | 7.9          | 11.9  |  |

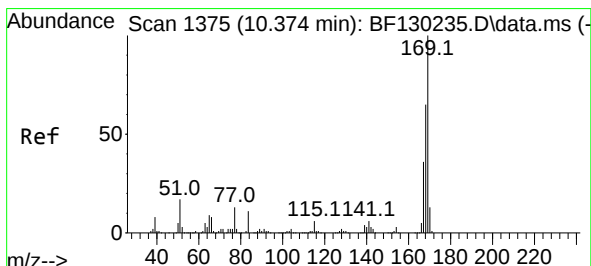
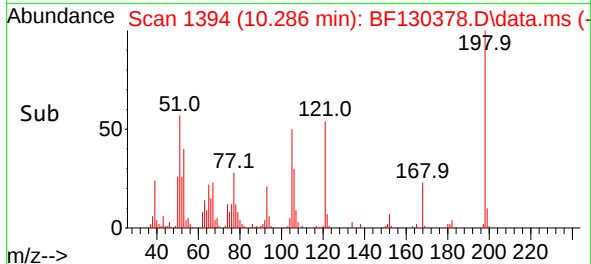
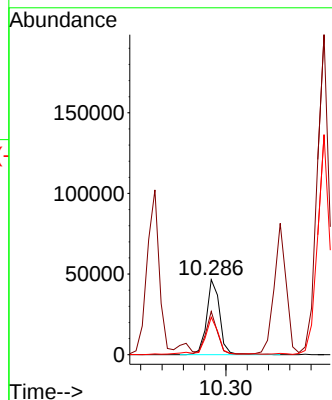
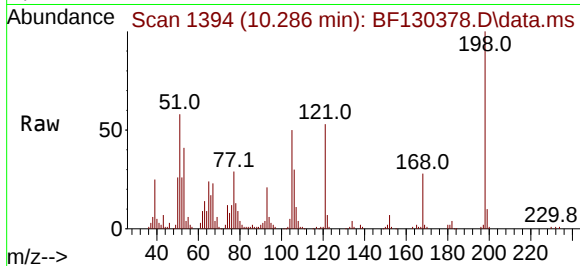




#65  
4,6-Dinitro-2-methylphenol  
Concen: 23.209 ng  
RT: 10.286 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

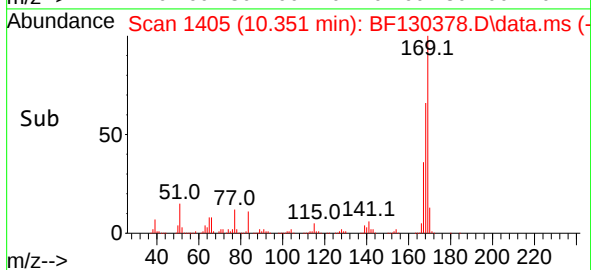
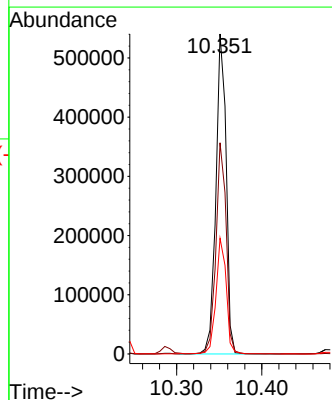
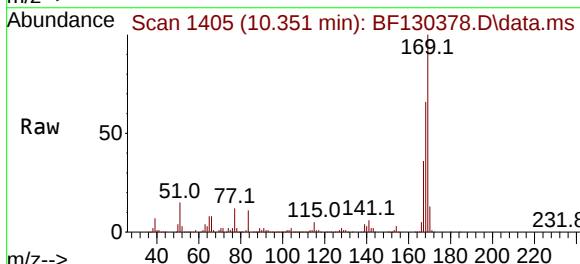
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

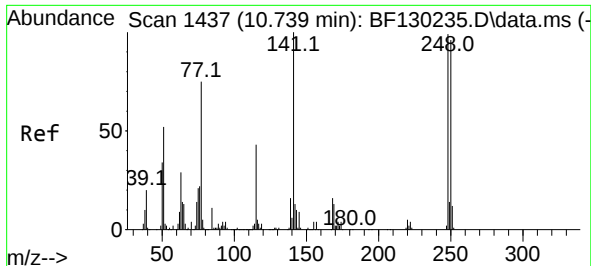
Tgt Ion:198 Resp: 39637  
Ion Ratio Lower Upper  
198 100  
51 57.5 36.9 76.9  
105 50.0 33.0 73.0



#66  
n-Nitrosodiphenylamine  
Concen: 44.108 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:169 Resp: 452209  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.2 79.8  
167 36.2 29.2 43.8

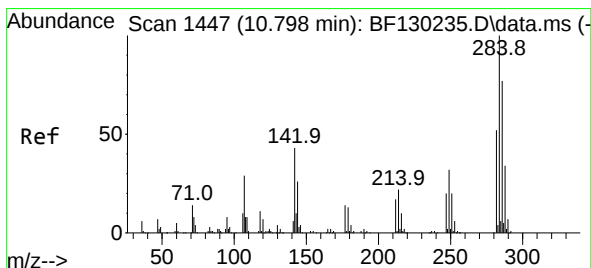
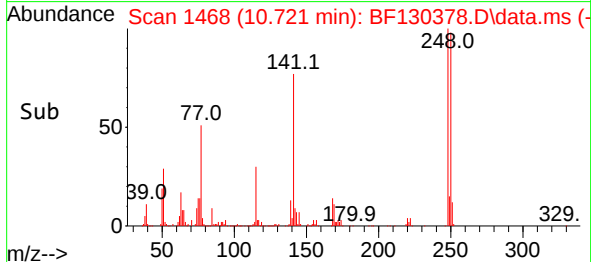
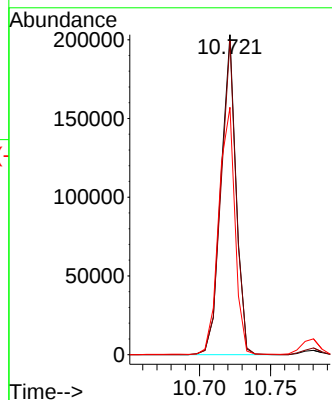
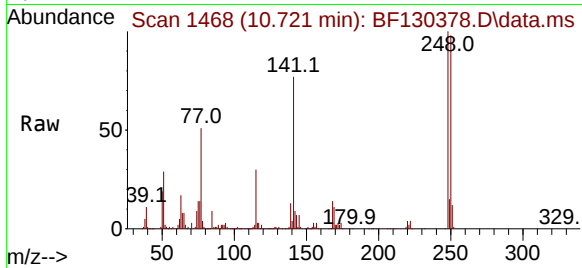




#67  
4-Bromophenyl-phenylether  
Concen: 44.260 ng  
RT: 10.721 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

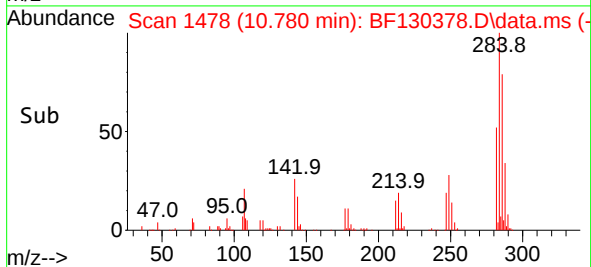
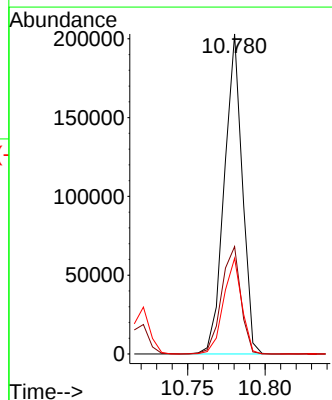
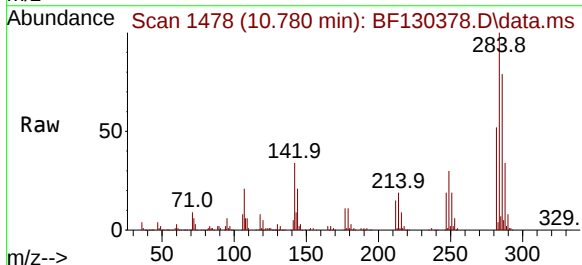
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

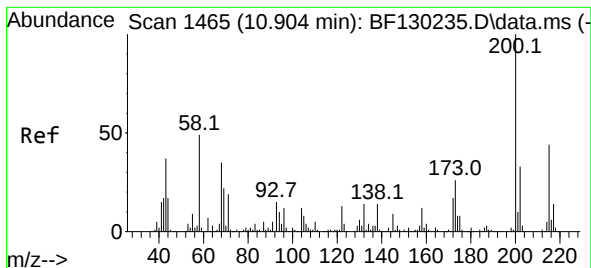
Tgt Ion:248 Resp: 149795  
Ion Ratio Lower Upper  
248 100  
250 98.1 80.0 120.0  
141 77.3 68.5 102.7



#68  
Hexachlorobenzene  
Concen: 42.489 ng  
RT: 10.780 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:284 Resp: 163011  
Ion Ratio Lower Upper  
284 100  
142 33.6 27.2 40.8  
249 29.9 23.8 35.8





#69

Atrazine

Concen: 45.054 ng

RT: 10.886 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

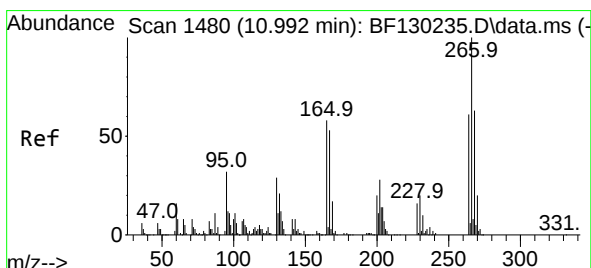
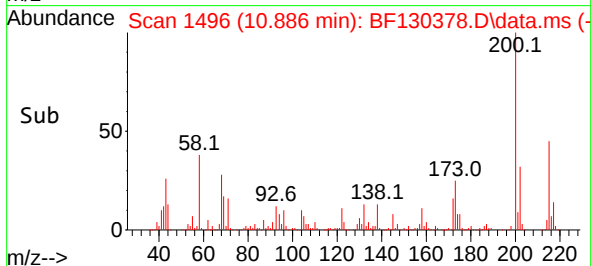
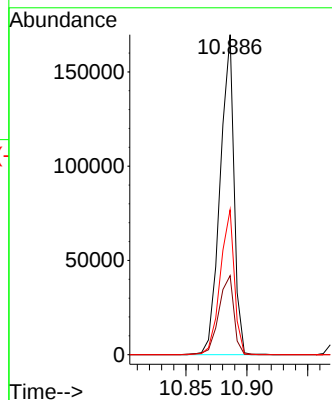
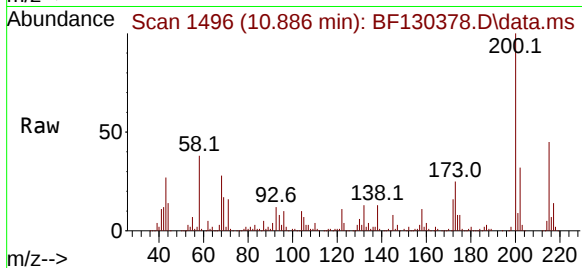
Tgt Ion:200 Resp: 134986

Ion Ratio Lower Upper

200 100

173 24.7 6.2 46.2

215 45.3 22.5 62.5



#70

Pentachlorophenol

Concen: 76.962 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

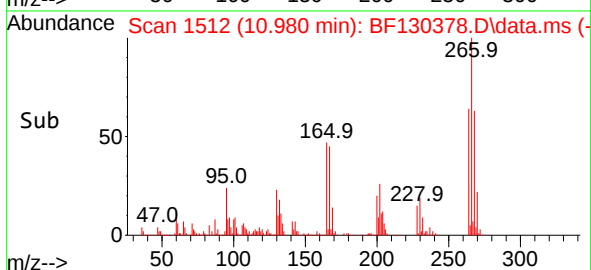
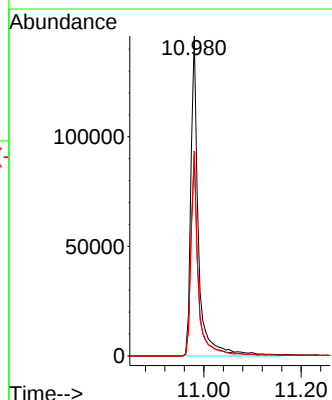
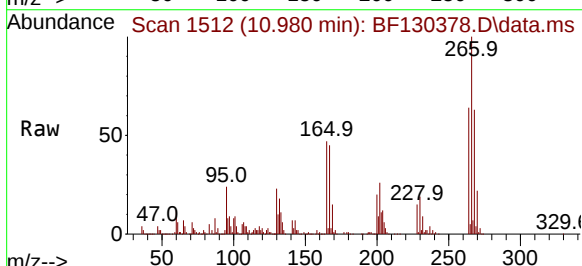
Tgt Ion:266 Resp: 158467

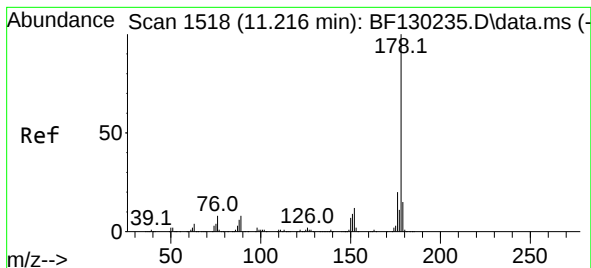
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 64.0 50.5 75.7





#71

Phenanthrene

Concen: 40.160 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

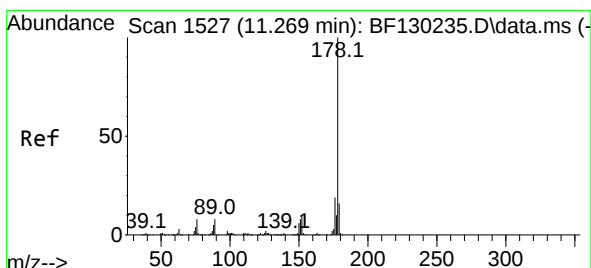
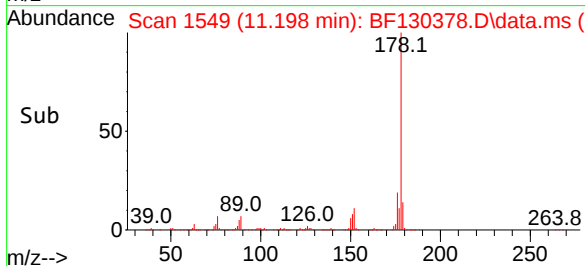
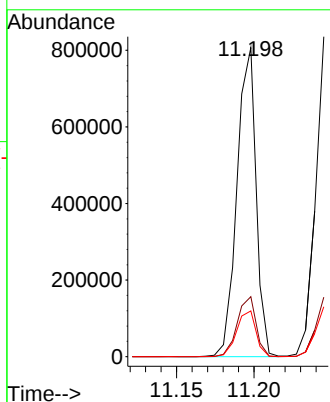
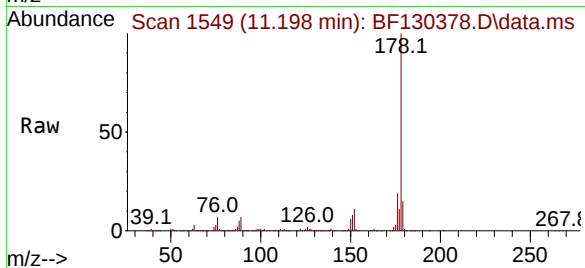
Tgt Ion:178 Resp: 691751

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 14.8 12.4 18.6



#72

Anthracene

Concen: 40.650 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

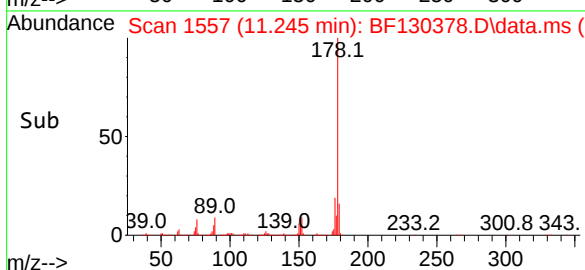
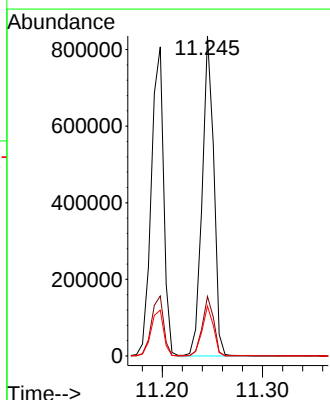
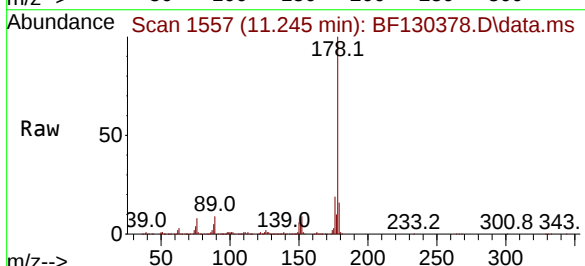
Tgt Ion:178 Resp: 675694

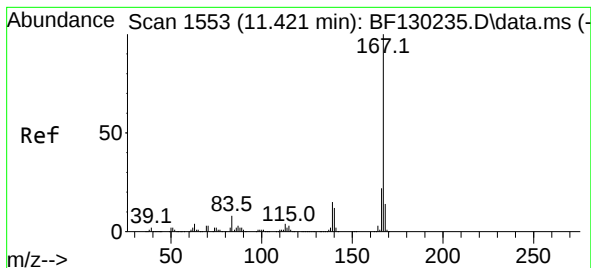
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.6 12.7 19.1





#73

Carbazole

Concen: 39.163 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

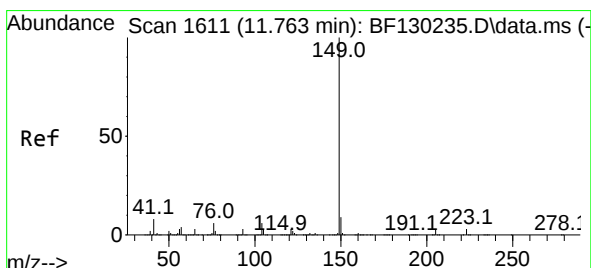
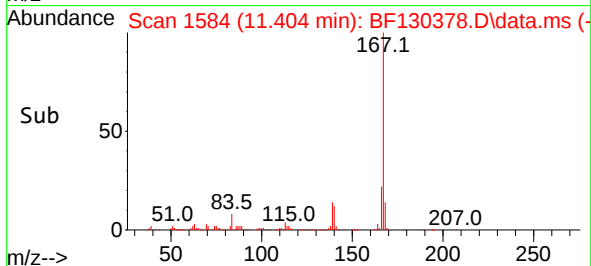
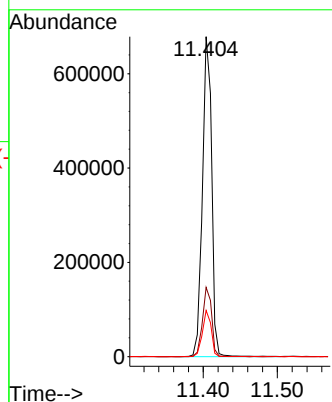
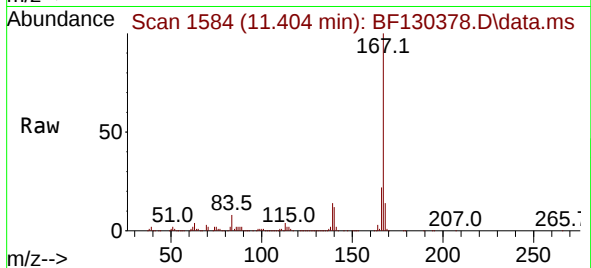
Tgt Ion:167 Resp: 587496

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 14.5 11.6 17.4



#74

Di-n-butylphthalate

Concen: 42.581 ng

RT: 11.745 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

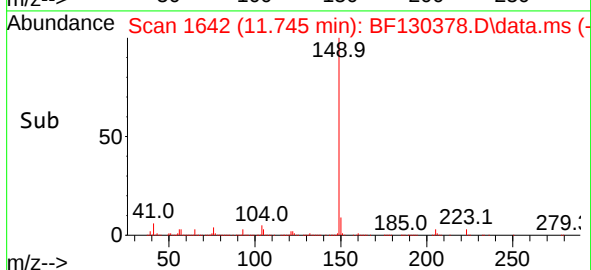
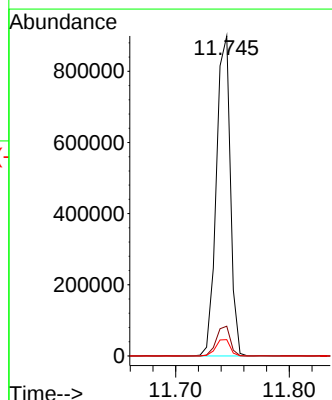
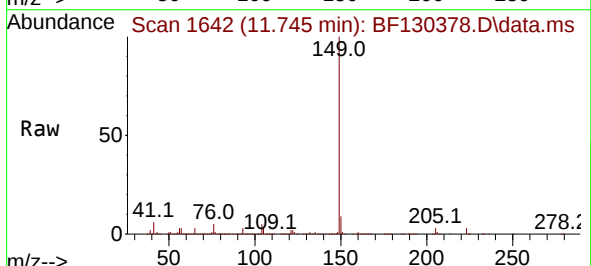
Tgt Ion:149 Resp: 770300

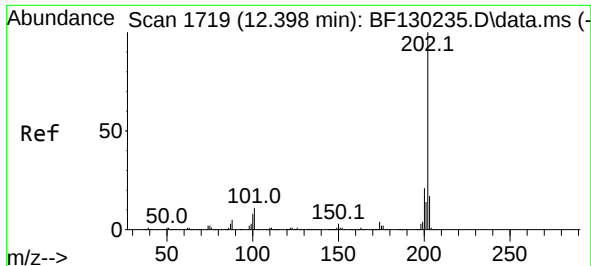
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.1 4.8 7.2

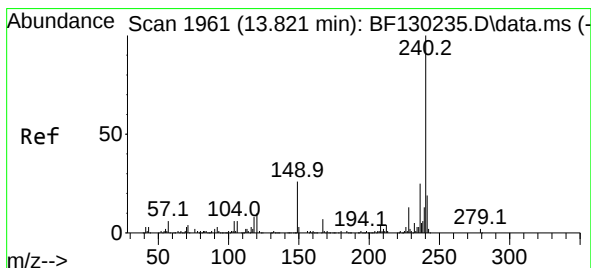
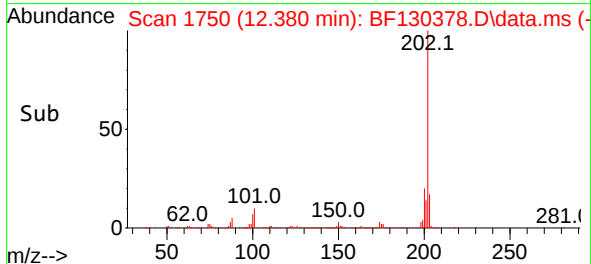
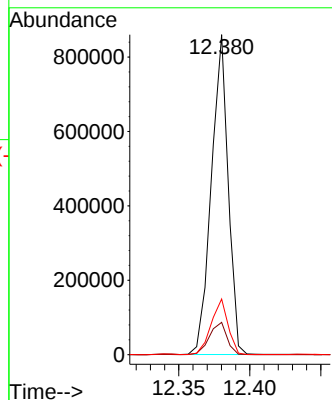
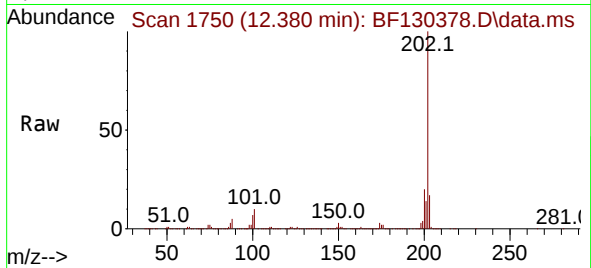




#75  
Fluoranthene  
Concen: 42.452 ng  
RT: 12.380 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

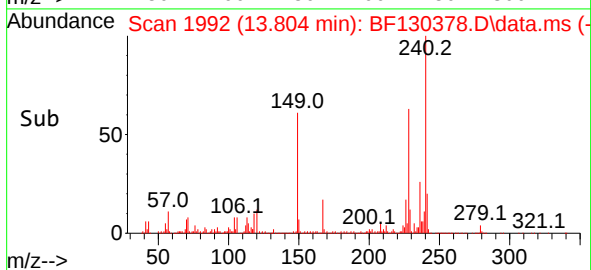
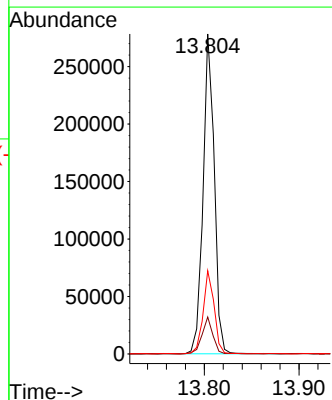
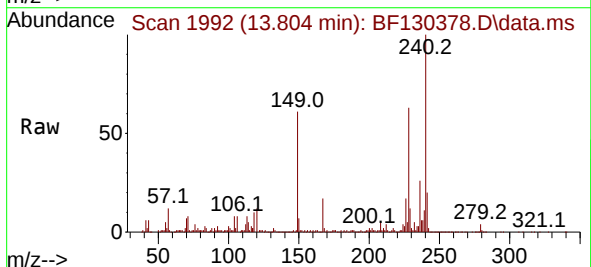
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

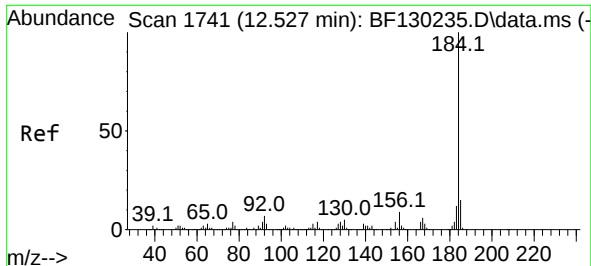
Tgt Ion:202 Resp: 706582  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.8  
203 17.4 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.804 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:240 Resp: 227903  
Ion Ratio Lower Upper  
240 100  
120 11.6 8.7 13.1  
236 26.0 20.9 31.3

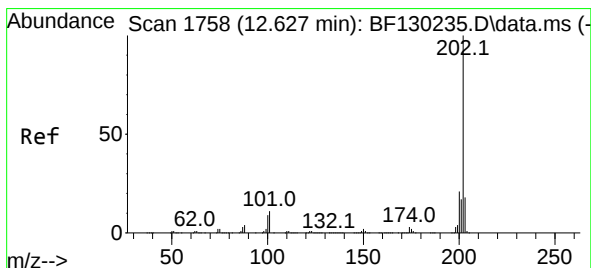
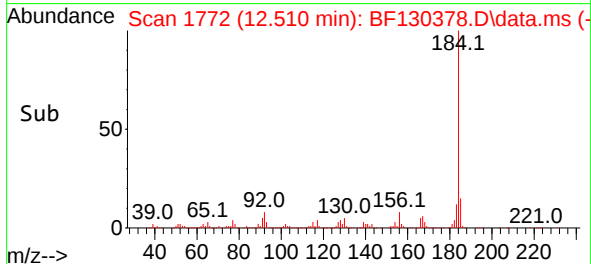
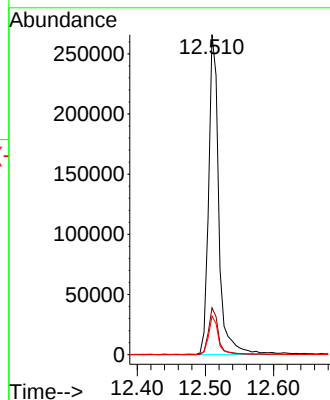
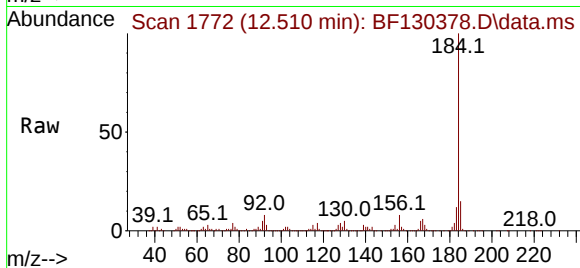




#77  
Benzidine  
Concen: 41.764 ng  
RT: 12.510 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

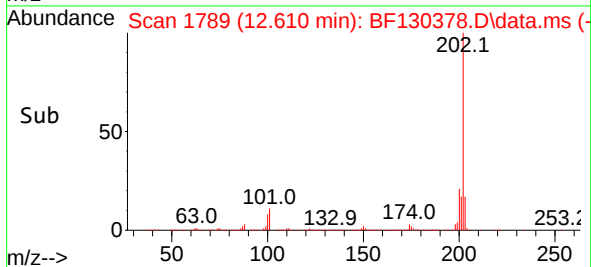
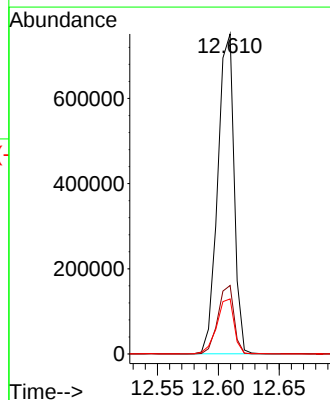
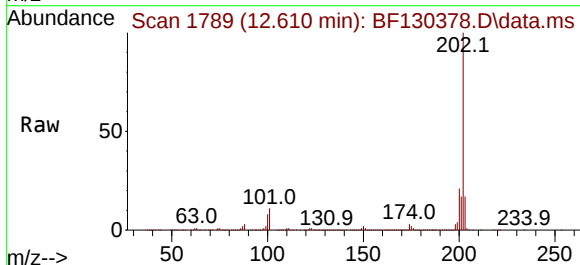
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

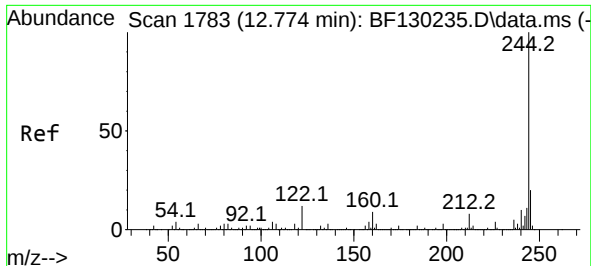
Tgt Ion:184 Resp: 276304  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.8 17.6  
183 12.1 9.1 13.7



#78  
Pyrene  
Concen: 35.315 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:202 Resp: 704071  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.2 25.8  
203 17.2 14.3 21.5

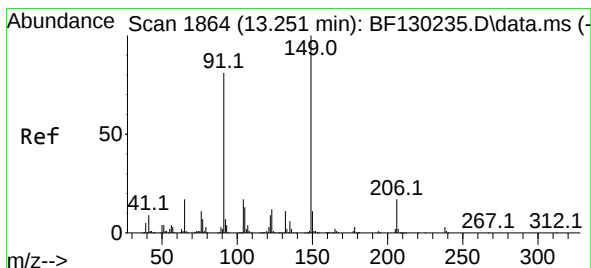
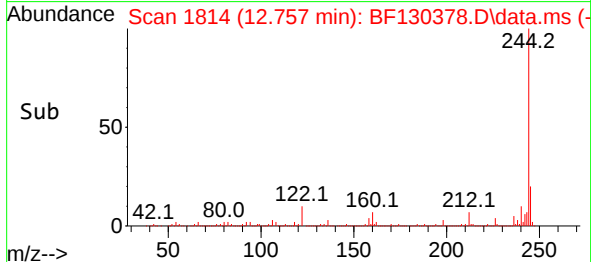
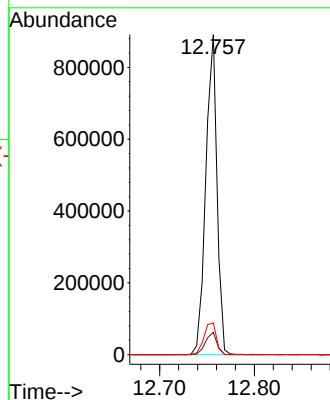
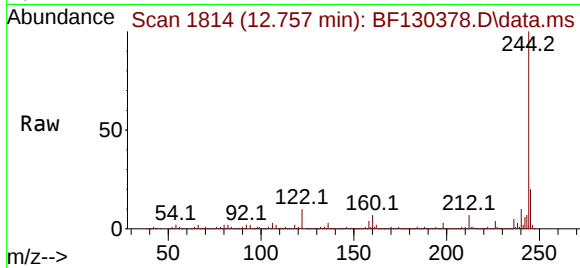




#79  
 Terphenyl-d14  
 Concen: 52.926 ng  
 RT: 12.757 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF130378.D  
 Acq: 22 Sep 2022 16:20

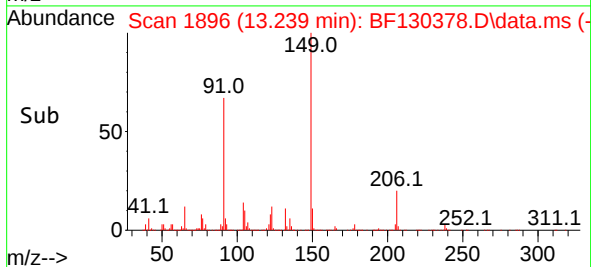
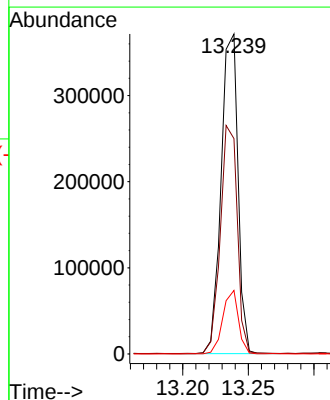
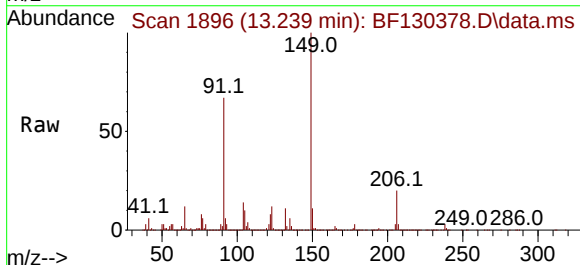
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MSD

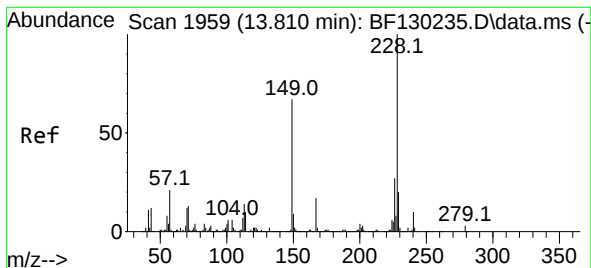
Tgt Ion:244 Resp: 728159  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 9.9 8.5 12.7



#80  
 Butylbenzylphthalate  
 Concen: 44.908 ng  
 RT: 13.239 min Scan# 1896  
 Delta R.T. 0.006 min  
 Lab File: BF130378.D  
 Acq: 22 Sep 2022 16:20

Tgt Ion:149 Resp: 331685  
 Ion Ratio Lower Upper  
 149 100  
 91 67.3 59.8 89.8  
 206 19.8 13.9 20.9





#81

Benzo(a)anthracene

Concen: 41.963 ng

RT: 13.792 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

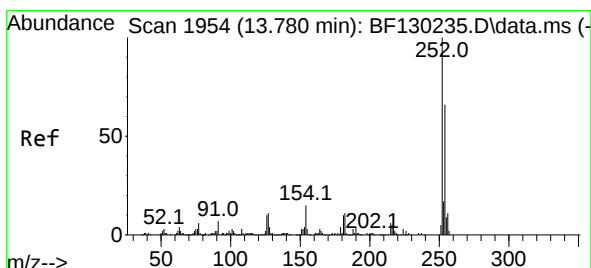
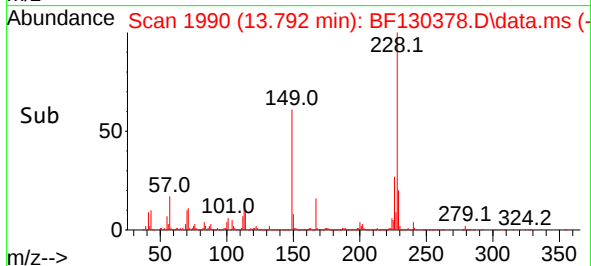
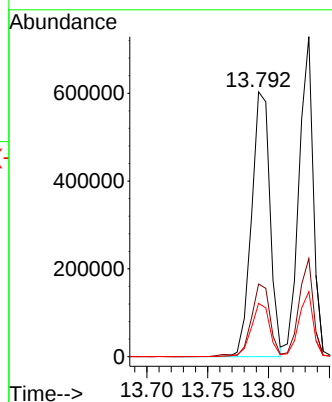
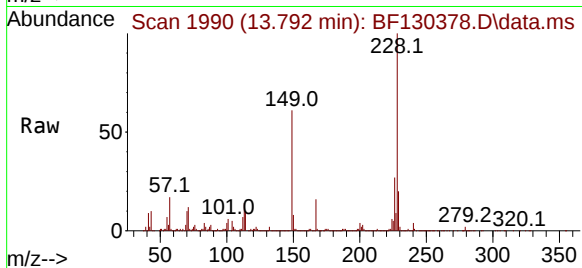
Tgt Ion:228 Resp: 636214

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 51.276 ng

RT: 13.762 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

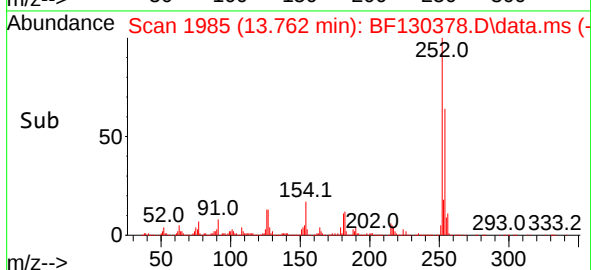
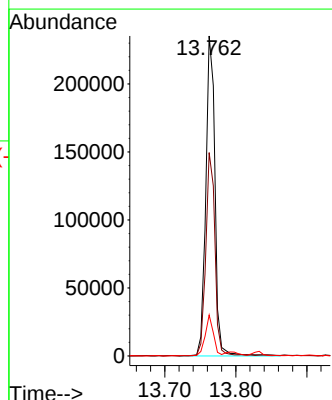
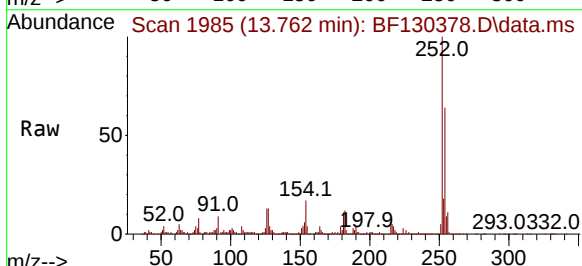
Tgt Ion:252 Resp: 211617

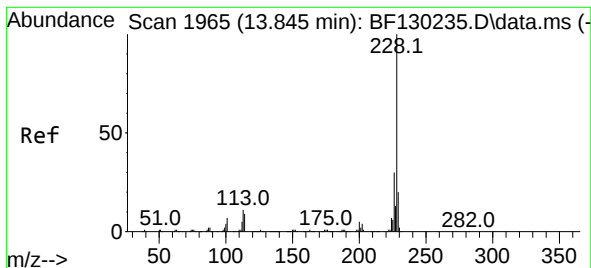
Ion Ratio Lower Upper

252 100

254 63.5 51.1 76.7

126 12.8 10.4 15.6





#83

Chrysene

Concen: 40.984 ng

RT: 13.833 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

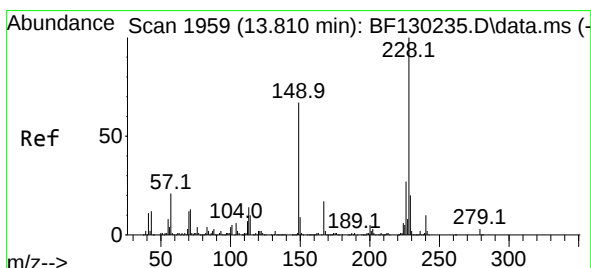
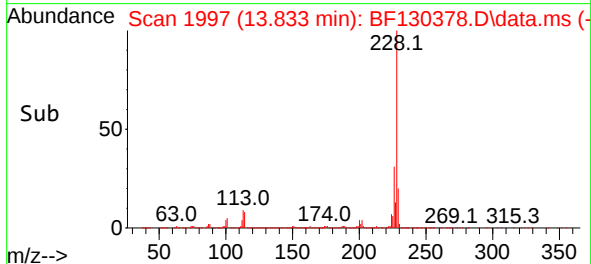
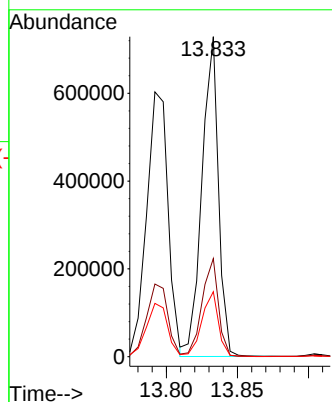
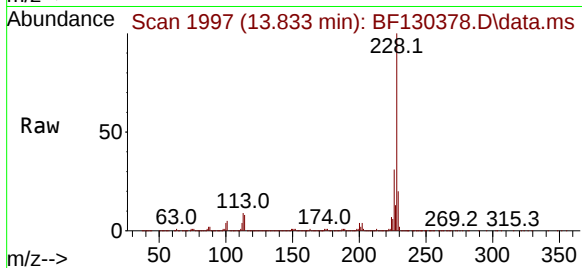
Tgt Ion:228 Resp: 589994

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 20.3 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.743 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

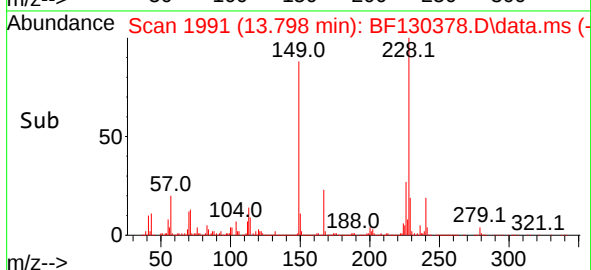
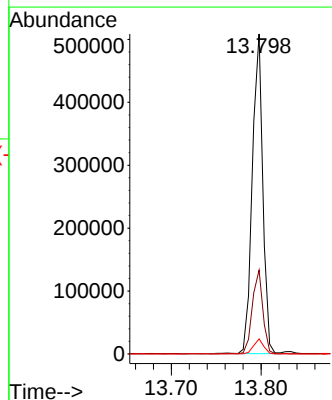
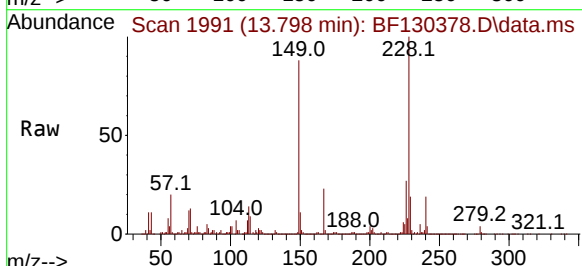
Tgt Ion:149 Resp: 412364

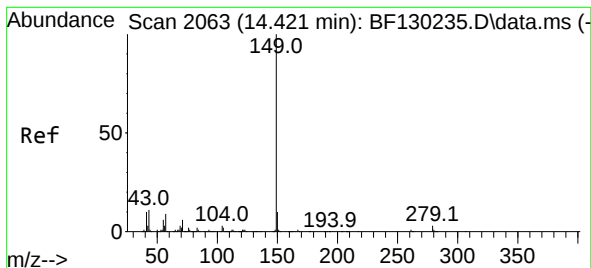
Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 4.7 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 53.907 ng

RT: 14.409 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

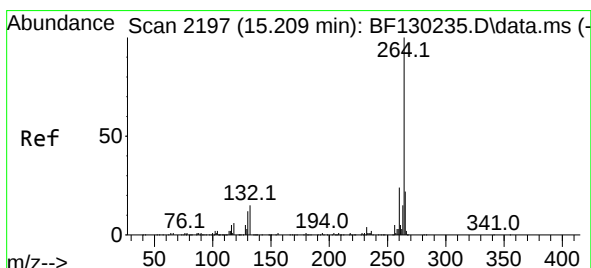
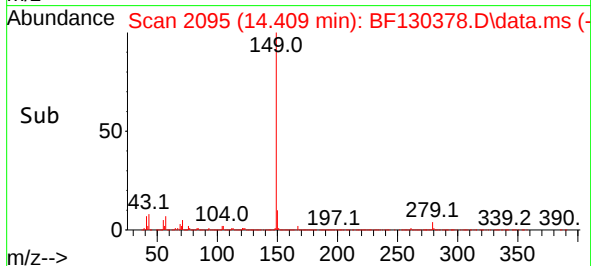
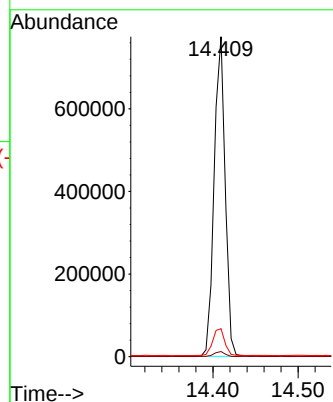
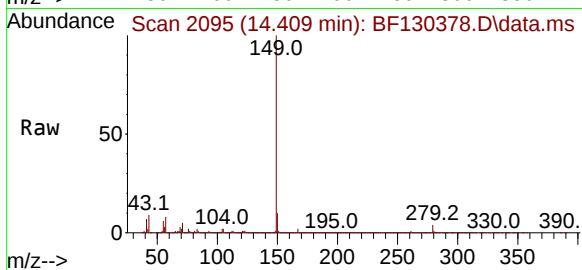
Tgt Ion:149 Resp: 697535

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.1 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.198 min Scan# 2229

Delta R.T. 0.012 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

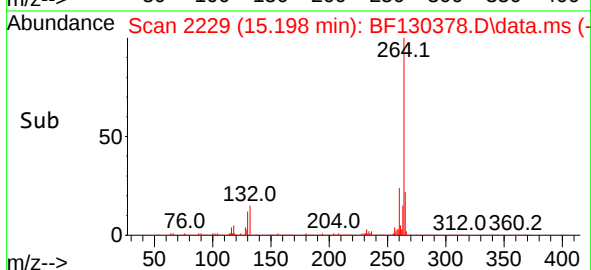
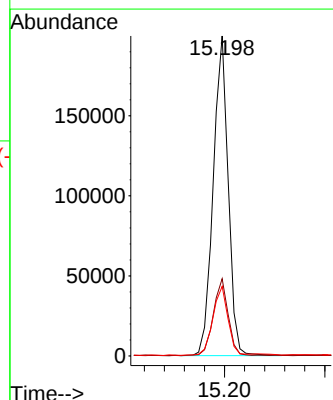
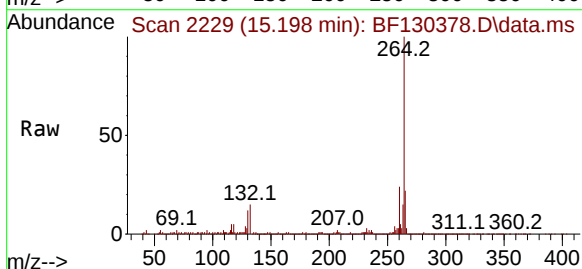
Tgt Ion:264 Resp: 207592

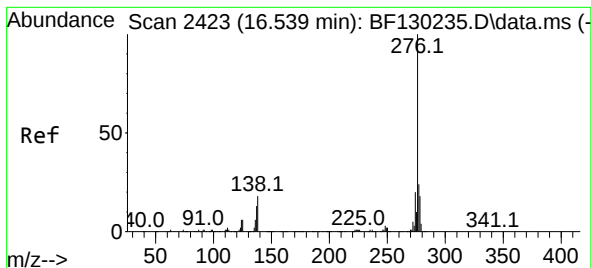
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.590 ng

RT: 16.527 min Scan# 24

Delta R.T. 0.018 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-1MSD

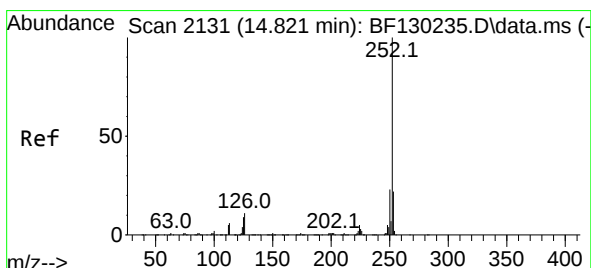
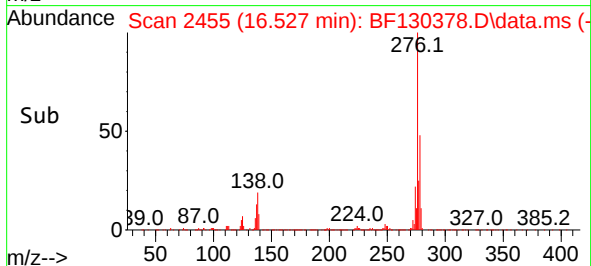
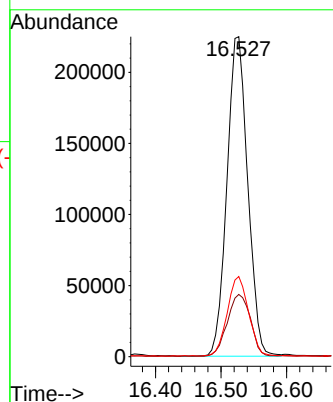
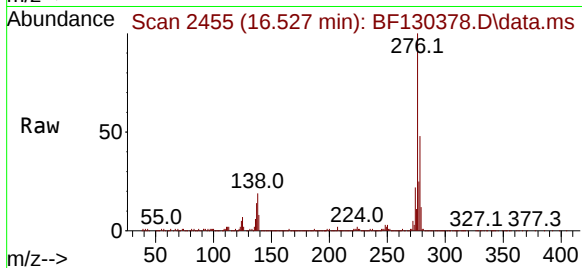
Tgt Ion:276 Resp: 494492

Ion Ratio Lower Upper

276 100

138 21.6 18.5 27.7

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.204 ng

RT: 14.809 min Scan# 2163

Delta R.T. 0.012 min

Lab File: BF130378.D

Acq: 22 Sep 2022 16:20

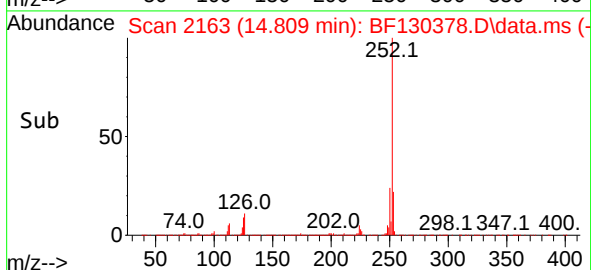
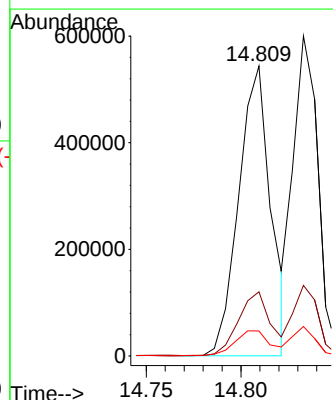
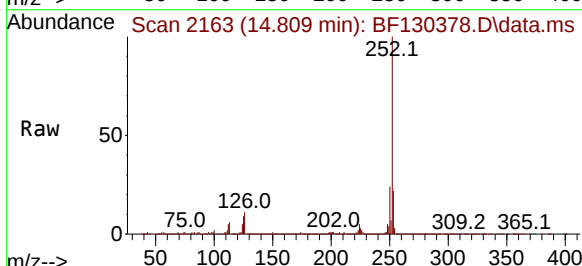
Tgt Ion:252 Resp: 639585

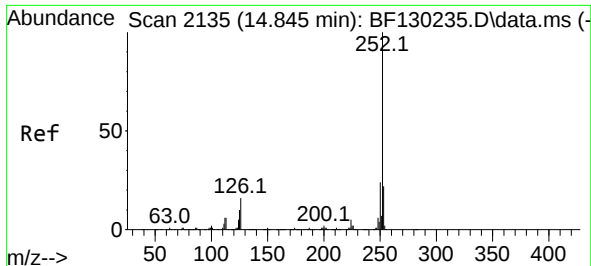
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.6 8.1 12.1

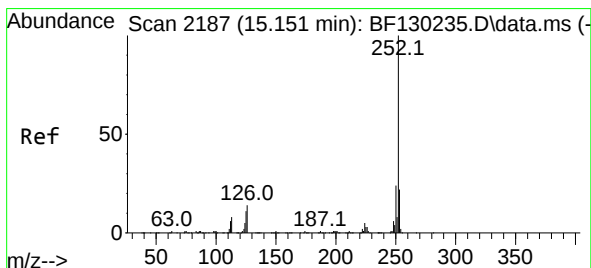
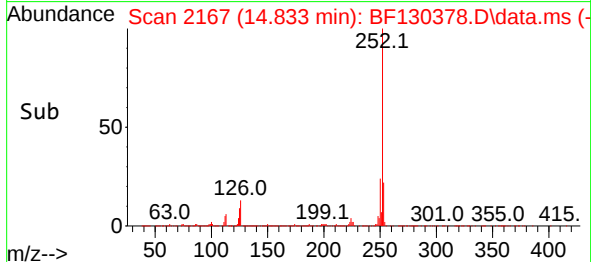
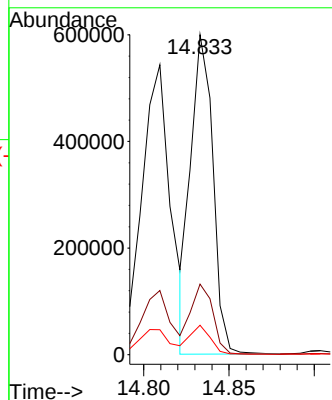
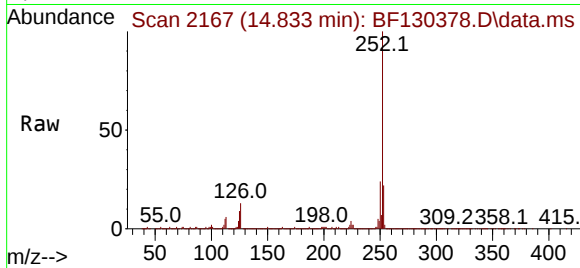




#89  
Benzo(k)fluoranthene  
Concen: 40.609 ng  
RT: 14.833 min Scan# 2135  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

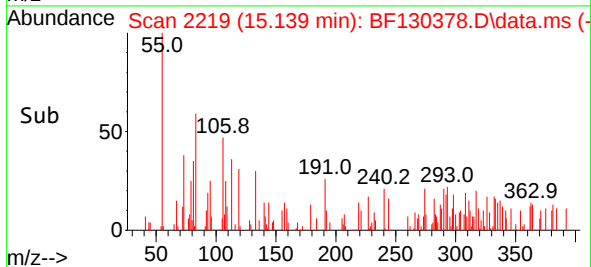
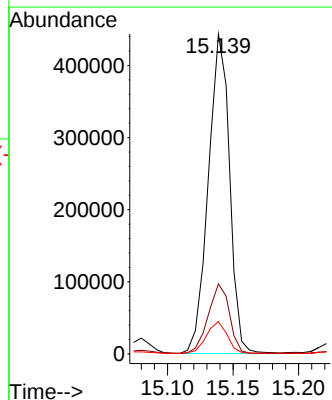
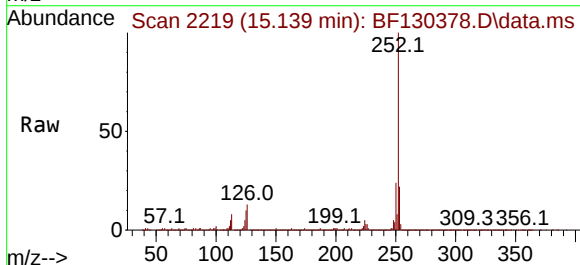
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

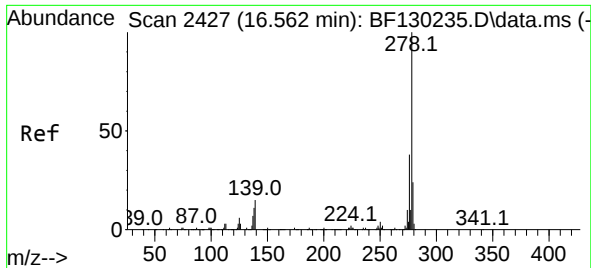
Tgt Ion:252 Resp: 541259  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 9.2 7.9 11.9



#90  
Benzo(a)pyrene  
Concen: 46.578 ng  
RT: 15.139 min Scan# 2219  
Delta R.T. 0.006 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:252 Resp: 499983  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.6  
125 10.1 9.0 13.6

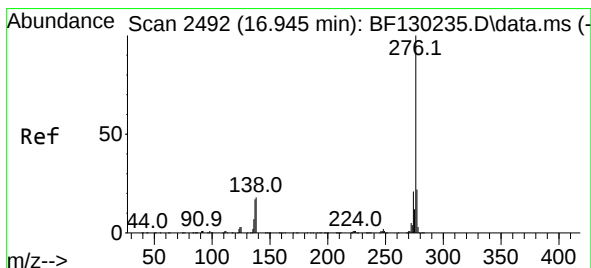
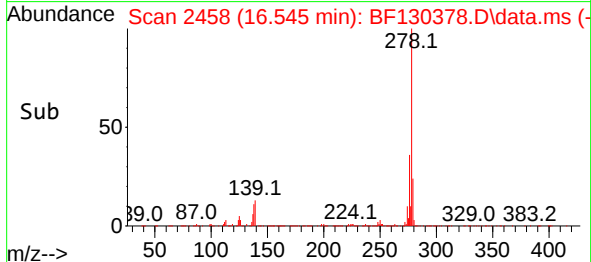
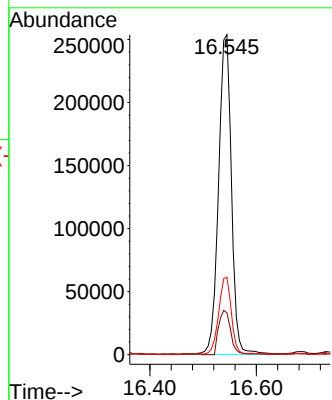
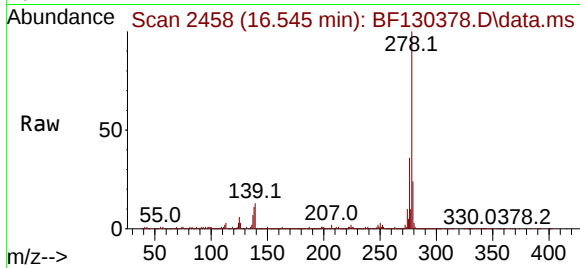




#91  
Dibenzo(a,h)anthracene  
Concen: 35.269 ng  
RT: 16.545 min Scan# 2427  
Delta R.T. 0.018 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MSD

Tgt Ion:278 Resp: 425926  
Ion Ratio Lower Upper  
278 100  
139 13.1 11.8 17.8  
279 24.2 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 33.771 ng  
RT: 16.927 min Scan# 2523  
Delta R.T. 0.018 min  
Lab File: BF130378.D  
Acq: 22 Sep 2022 16:20

Tgt Ion:276 Resp: 410836  
Ion Ratio Lower Upper  
276 100  
277 23.0 18.6 27.8  
138 17.1 14.6 21.8

