

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112320\  
 Data File : BF122449.D  
 Acq On : 23 Nov 2020 16:14  
 Operator : JU/CG  
 Sample : L4836-08MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-08MSD

Quant Time: Nov 23 17:59:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:27:02 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 179792   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 696703   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 371045   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 681649   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 545280   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 513774   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 1400543  | 119.61 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1818248  | 118.70 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 1156120  | 101.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 557651   | 140.03 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 2061984  | 86.83  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2182750  | 84.80  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 222522   | 41.44  | ng    | 89       |
| 3) Pyridine                   | 3.422  | 79   | 627033   | 42.46  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 287238   | 41.26  | ng    | 88       |
| 6) Aniline                    | 6.528  | 93   | 292067   | 14.53  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 635085   | 52.30  | ng    | 91       |
| 9) Benzaldehyde               | 6.410  | 77   | 81485    | 6.94   | ng    | 95       |
| 10) Phenol                    | 6.516  | 94   | 862035   | 57.15  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 593109   | 49.47  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 682597   | 49.52  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 684824   | 49.45  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.033  | 146  | 662809   | 51.29  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 535420   | 49.16  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 765056   | 43.78  | ng    | 94       |
| 17) 2-Methylphenol            | 7.122  | 107  | 507350   | 50.06  | ng    | 99       |
| 18) Hexachloroethane          | 7.381  | 117  | 244626   | 50.73  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 413912   | 45.22  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 602543   | 48.31  | ng    | 100      |
| 22) Acetophenone              | 7.275  | 105  | 798943   | 44.03  | ng    | 94       |
| 24) Nitrobenzene              | 7.445  | 77   | 652174   | 50.09  | ng    | 98       |
| 25) Isophorone                | 7.692  | 82   | 1130238  | 44.55  | ng    | 95       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 328582   | 56.69  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 546656   | 45.68  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 703833   | 45.36  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 542441   | 51.20  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 571931   | 48.91  | ng    | 96       |
| 31) Naphthalene               | 8.175  | 128  | 1773500  | 47.88  | ng    | 99       |
| 32) Benzoic acid              | 7.933  | 122  | 422501   | 61.16  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 232288   | 14.40  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 333822   | 49.67  | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 125775   | 37.45  | ng    | # 81     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 557654   | 50.46  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1183888  | 48.38  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 1103630  | 48.18  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 548749   | 47.99  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 614598   | 91.93  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 392034   | 52.80  | ng    | 99       |

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 Sample : L4836-08MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

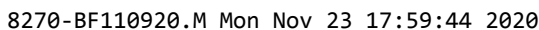
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-08MSD

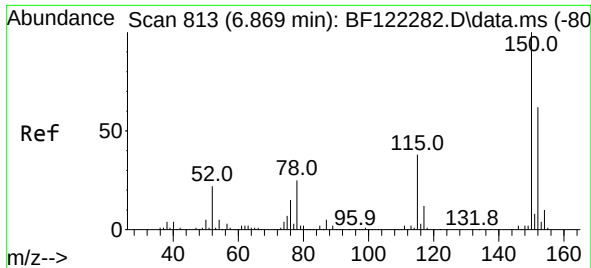
Quant Time: Nov 23 17:59:35 2020  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:27:02 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 418802   | 53.80  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 1415593  | 47.93  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1138050  | 48.55  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 343772   | 49.10  | ng    | 92       |
| 49) Acenaphthylene            | 9.774  | 152  | 1761130  | 48.88  | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 1383977  | 52.47  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 304529   | 51.57  | ng    | 87       |
| 52) Acenaphthene              | 9.945  | 154  | 1208095  | 54.17  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 189175   | 29.76  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 292175   | 100.78 | ng    | 94       |
| 55) Dibenzofuran              | 10.116 | 168  | 1587043  | 48.57  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 536277   | 92.33  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 414685   | 55.28  | ng #  | 88       |
| 58) Fluorene                  | 10.463 | 166  | 1210602  | 48.39  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 365550   | 56.47  | ng    | 96       |
| 60) Diethylphthalate          | 10.333 | 149  | 1266151  | 48.94  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 578611   | 48.99  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 296742   | 45.56  | ng    | 97       |
| 63) Azobenzene                | 10.610 | 77   | 1216872  | 44.83  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 203354   | 61.43  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 1110429  | 47.81  | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 399151   | 49.83  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 435366   | 50.31  | ng    | 97       |
| 69) Atrazine                  | 11.098 | 200  | 297996   | 51.52  | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 526837   | 105.66 | ng    | 99       |
| 71) Phenanthrene              | 11.427 | 178  | 1985562  | 51.34  | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 1960181  | 49.18  | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1746082  | 48.15  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1874503  | 48.49  | ng    | 100      |
| 75) Fluoranthene              | 12.615 | 202  | 2305396  | 57.10  | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 713404   | 47.17  | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 2348558  | 61.31  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 807767   | 52.27  | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 1892666  | 55.81  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 486543   | 38.50  | ng    | 98       |
| 83) Chrysene                  | 14.074 | 228  | 1829991  | 53.58  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 1004879  | 54.40  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 1723285  | 55.05  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 1883393  | 61.09  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 1879585  | 56.49  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 1586703  | 48.90  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.462 | 252  | 1602472  | 55.24  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 1461315  | 56.59  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 1644609  | 65.49  | ng    | 97       |

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

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QLast Update : Fri Nov 20 13:27:02 2020  
Response via : Initial Calibration

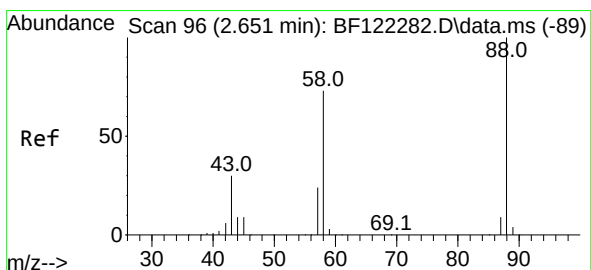
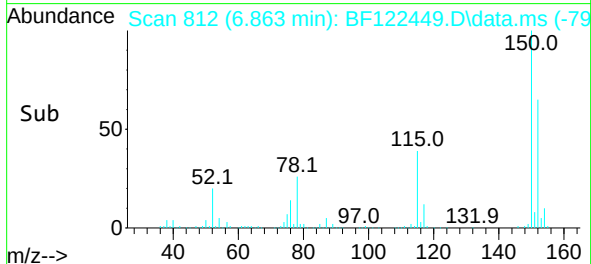
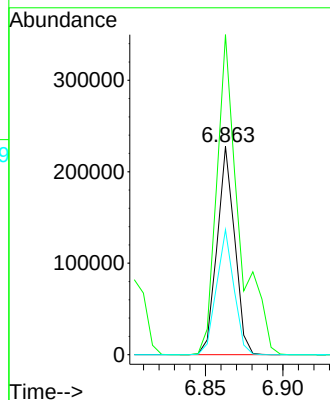
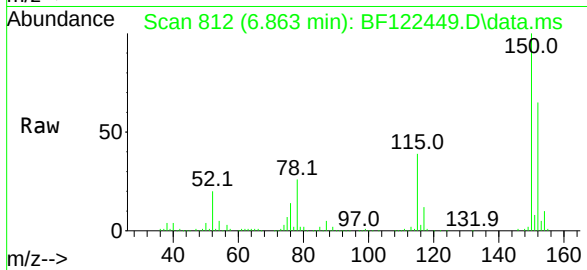




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.863 min Scan# 812  
 Delta R.T. -0.006 min  
 Lab File: BF122449.D  
 Acq: 23 Nov 2020 16:14

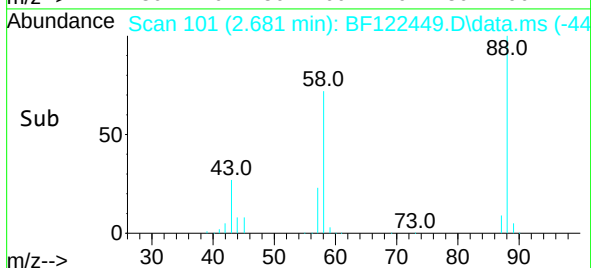
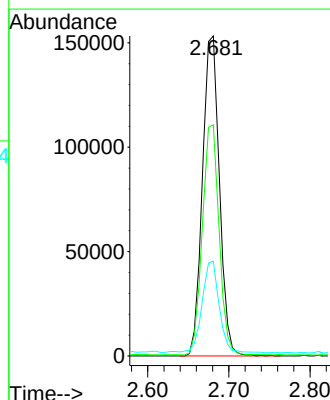
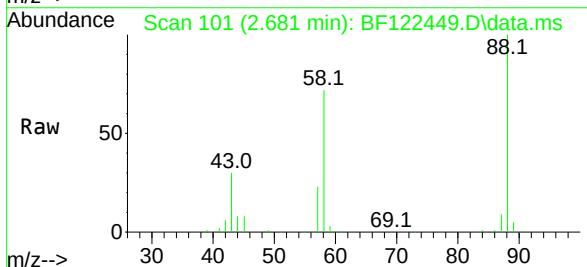
Instrument :  
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 SB-08MSD

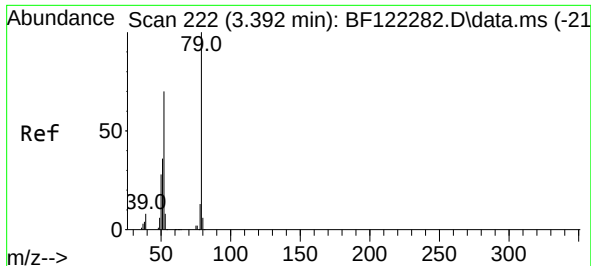
Tgt Ion:152 Resp: 179792  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 125.3 187.9  
 115 60.0 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 41.44 ng  
 RT: 2.681 min Scan# 101  
 Delta R.T. 0.035 min  
 Lab File: BF122449.D  
 Acq: 23 Nov 2020 16:14

Tgt Ion: 88 Resp: 222522  
 Ion Ratio Lower Upper  
 88 100  
 58 70.9 65.8 98.8  
 43 29.0 25.8 38.8

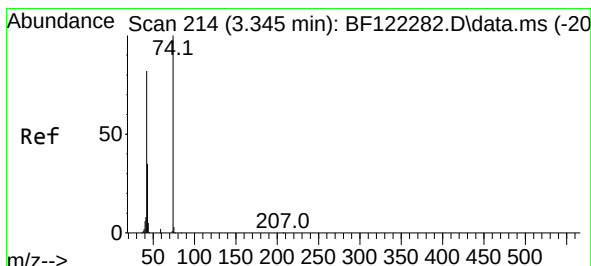
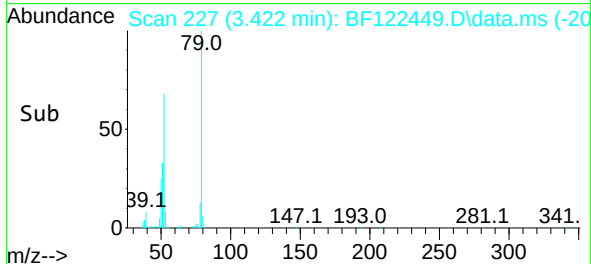
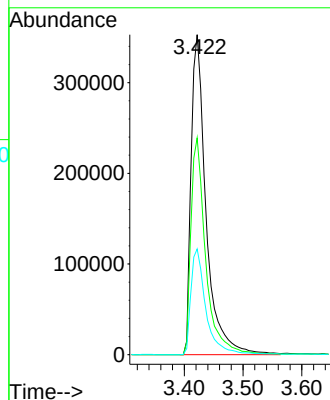
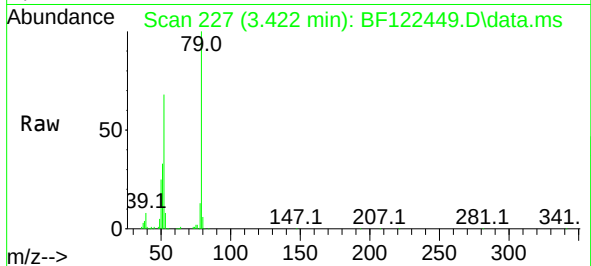




#3  
Pyridine  
Concen: 42.46 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.029 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

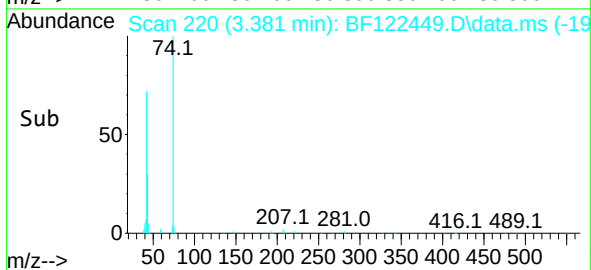
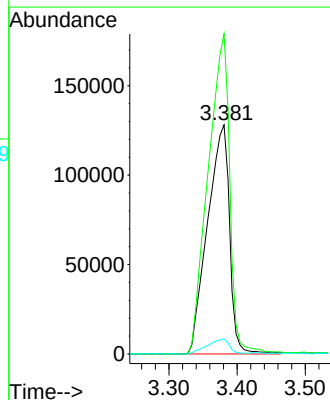
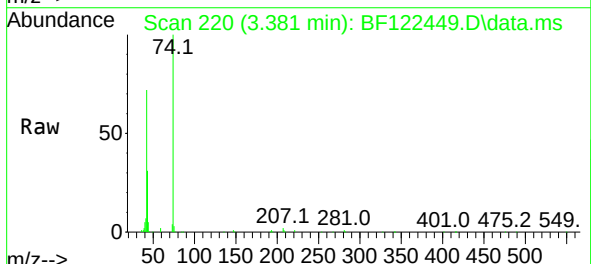
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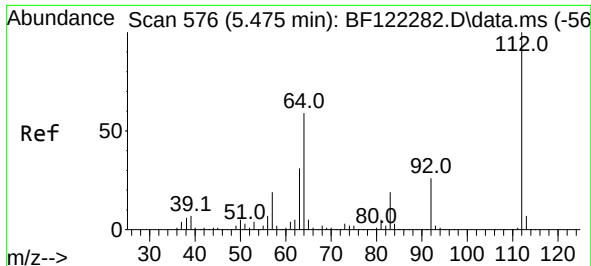
Tgt Ion: 79 Resp: 627033  
Ion Ratio Lower Upper  
79 100  
52 67.7 62.2 93.4  
51 33.1 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 41.26 ng  
RT: 3.381 min Scan# 220  
Delta R.T. 0.035 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion: 42 Resp: 287238  
Ion Ratio Lower Upper  
42 100  
74 139.6 100.2 150.2  
44 6.5 5.8 8.6

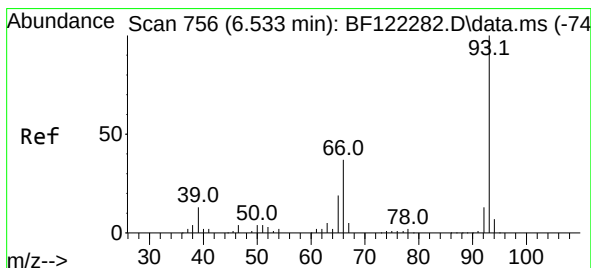
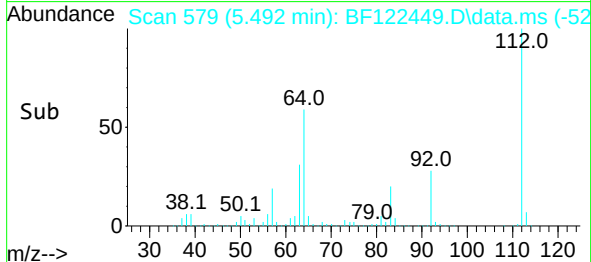
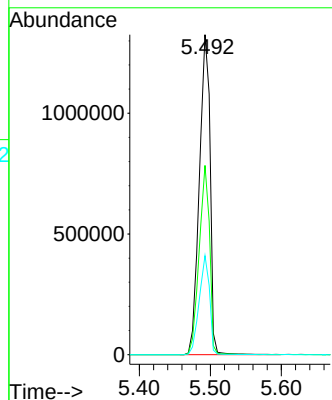
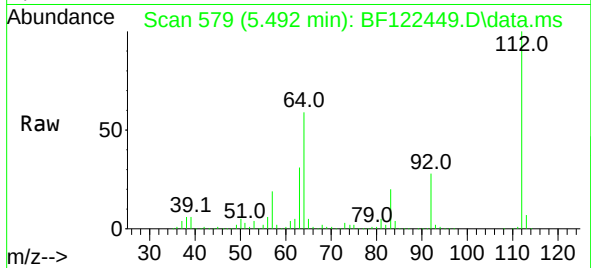




#5  
2-Fluorophenol  
Concen: 119.61 ng  
RT: 5.492 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

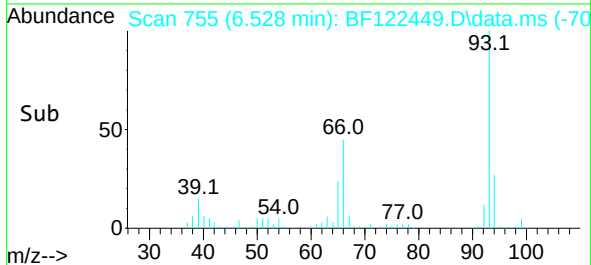
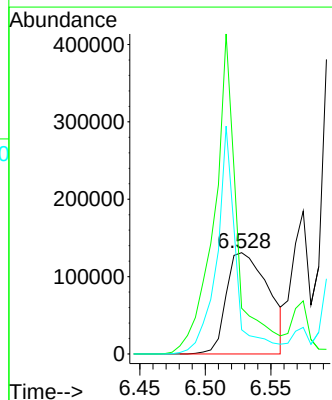
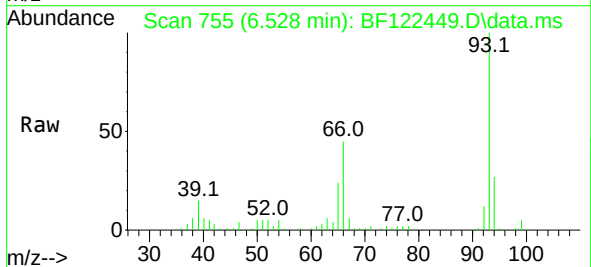
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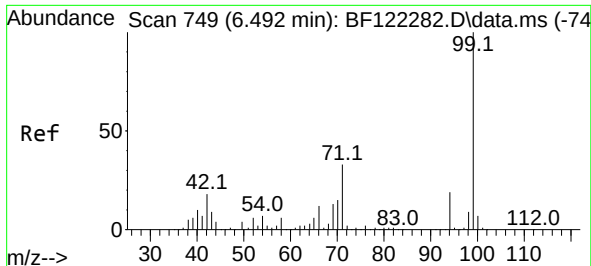
Tgt Ion:112 Resp: 1400543  
Ion Ratio Lower Upper  
112 100  
64 59.2 50.4 75.6  
63 31.0 25.8 38.6



#6  
Aniline  
Concen: 14.53 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion: 93 Resp: 292067  
Ion Ratio Lower Upper  
93 100  
66 45.2 32.7 49.1  
65 23.9 16.6 24.8

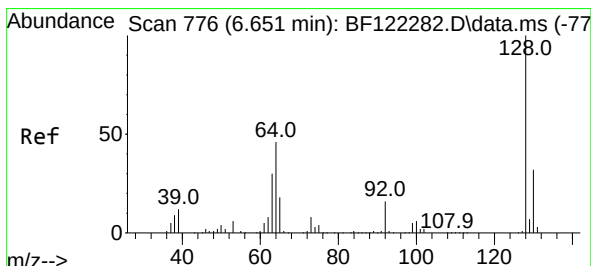
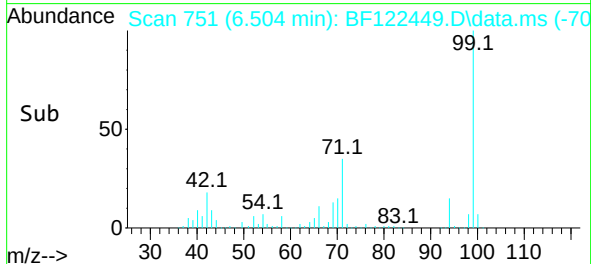
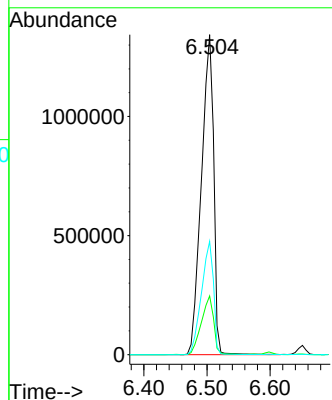
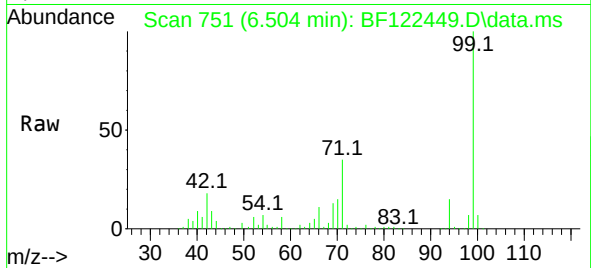




#7  
Phenol-d6  
Concen: 118.70 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

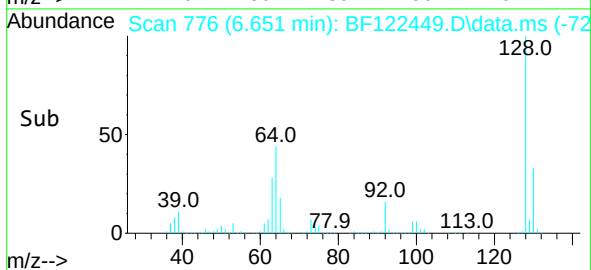
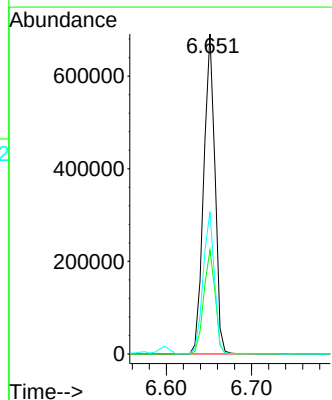
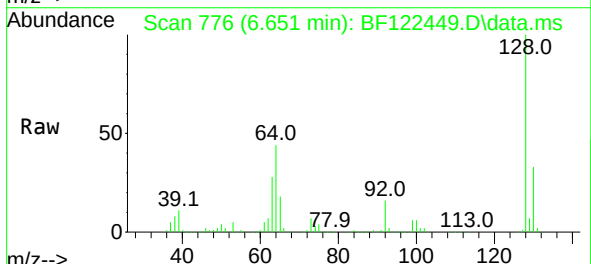
Instrument :  
BNA\_F  
ClientSampleId :  
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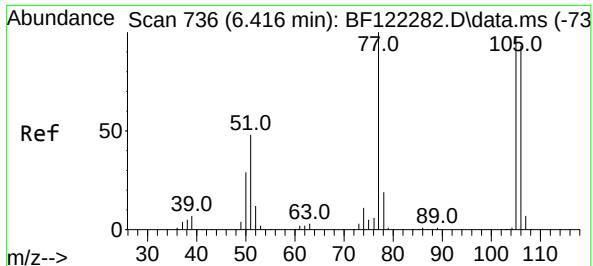
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Ion Ratio Lower Upper  
99 100  
42 18.4 15.9 23.9  
71 35.4 27.1 40.7



#8  
2-Chlorophenol  
Concen: 52.30 ng  
RT: 6.651 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:128 Resp: 635085  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.4 52.4  
64 44.4 34.8 74.8

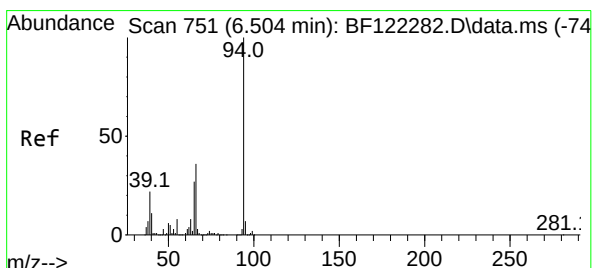
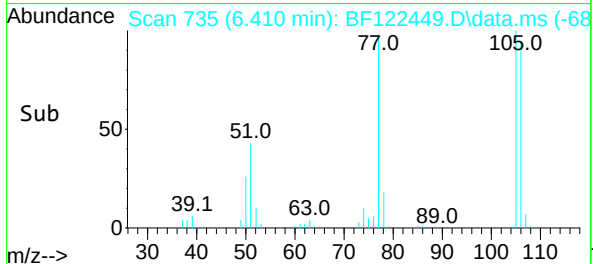
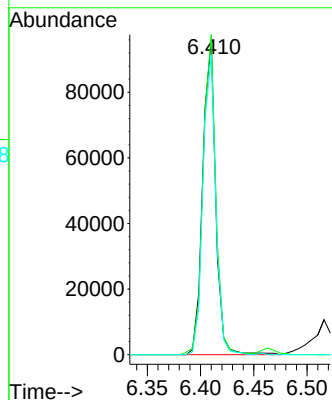
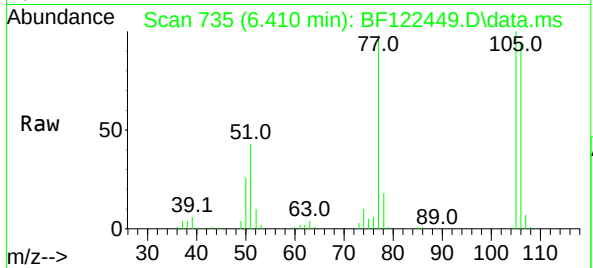




#9  
Benzaldehyde  
Concen: 6.94 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

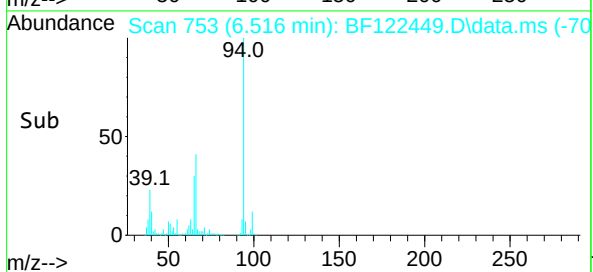
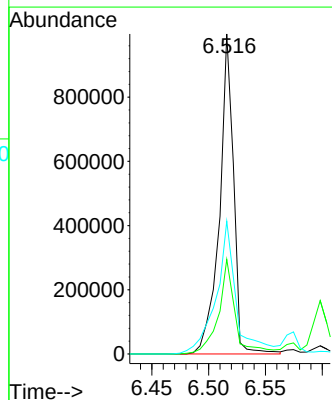
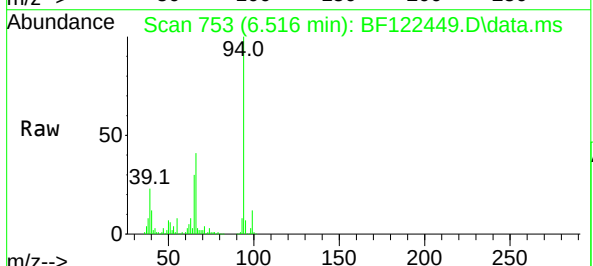
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 81485 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 101.8 | 76.7  | 116.7 |
| 106      | 95.3  | 71.3  | 111.3 |

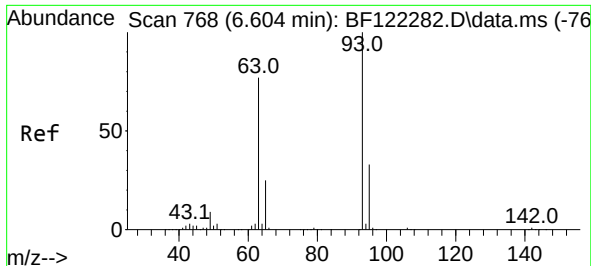


#10  
Phenol  
Concen: 57.15 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 862035 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.5  | 17.1  | 57.1   |
| 66       | 41.5  | 36.0  | 76.0   |



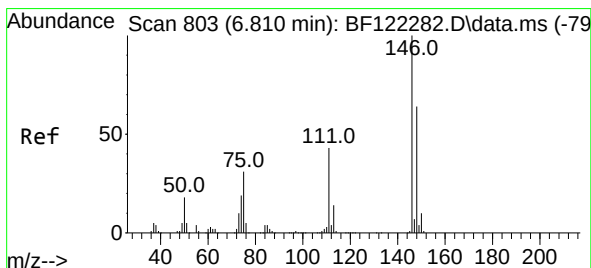
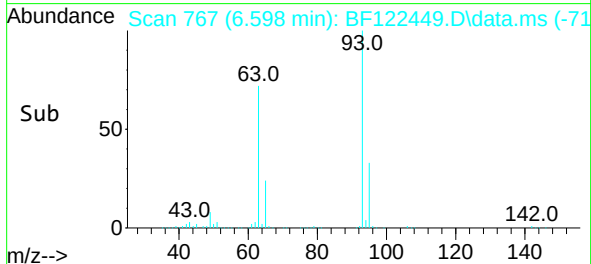
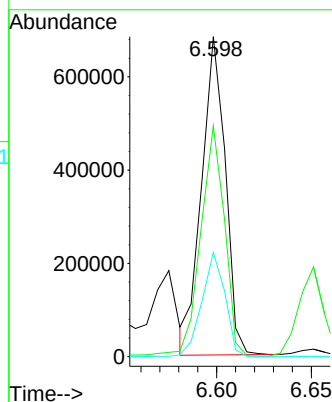
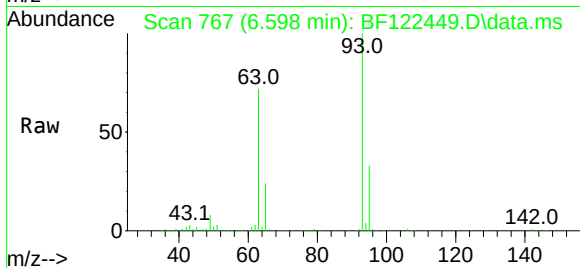




#11  
bis(2-Chloroethyl)ether  
Concen: 49.47 ng  
RT: 6.598 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

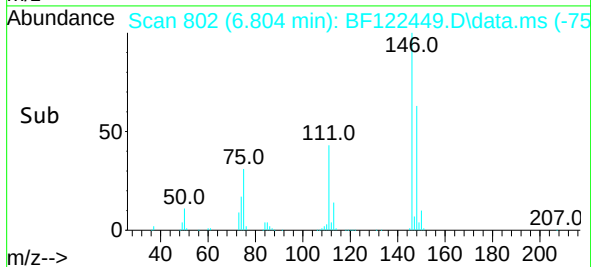
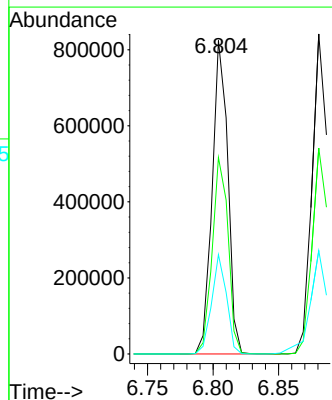
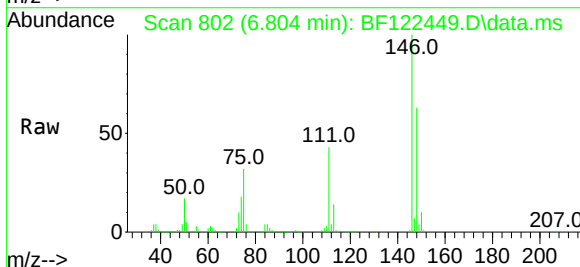
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

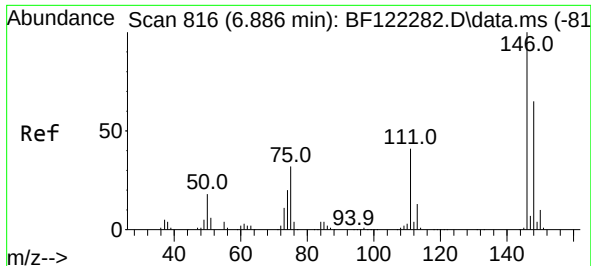
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 593109 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 72.1  | 62.4  | 102.4  |
| 95       | 32.6  | 12.6  | 52.6   |



#12  
1,3-Dichlorobenzene  
Concen: 49.52 ng  
RT: 6.804 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 682597 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.7  | 51.0  | 76.4   |
| 75       | 31.7  | 27.6  | 41.4   |

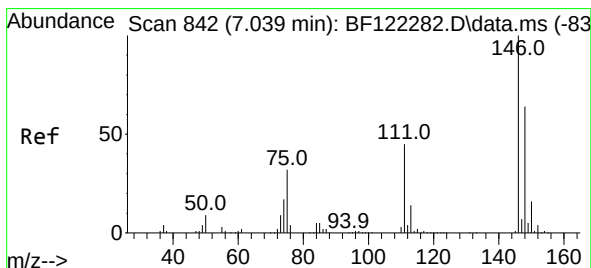
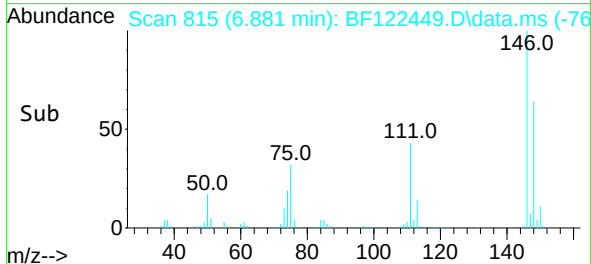
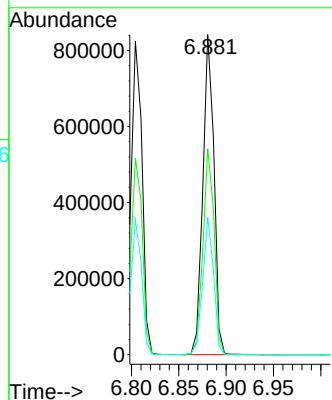
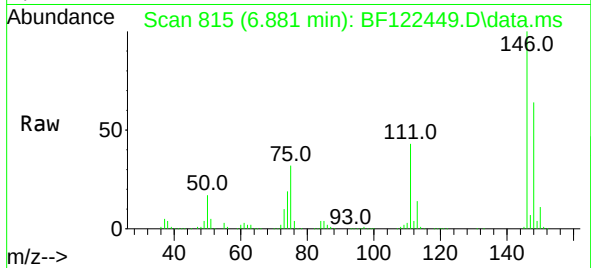




#13  
1,4-Dichlorobenzene  
Concen: 49.45 ng  
RT: 6.881 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

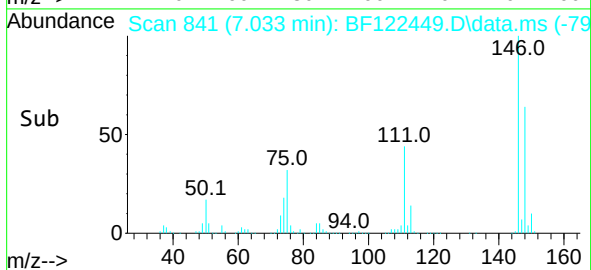
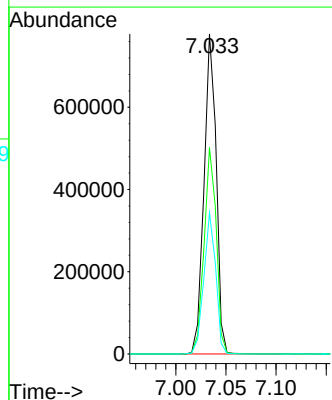
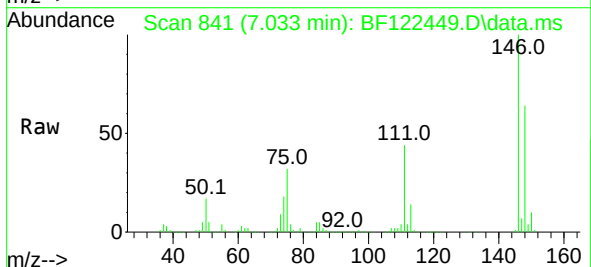
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

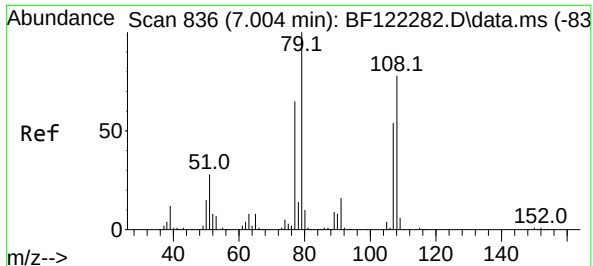
Tgt Ion:146 Resp: 684824  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.1 75.1  
111 42.9 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 51.29 ng  
RT: 7.033 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:146 Resp: 662809  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
111 44.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 49.16 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

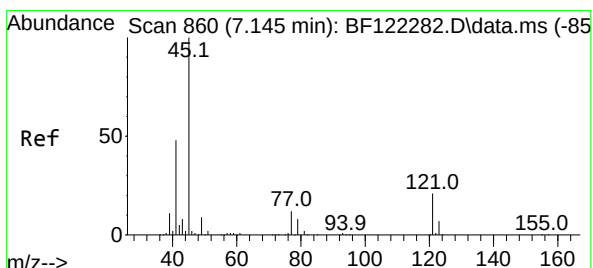
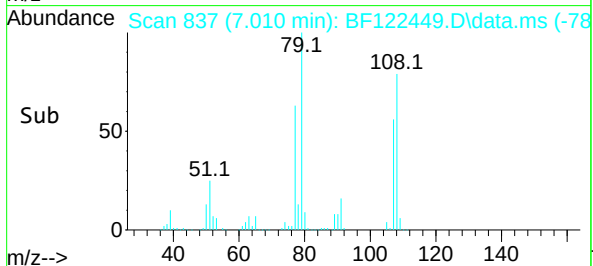
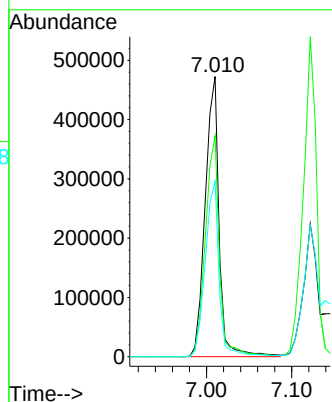
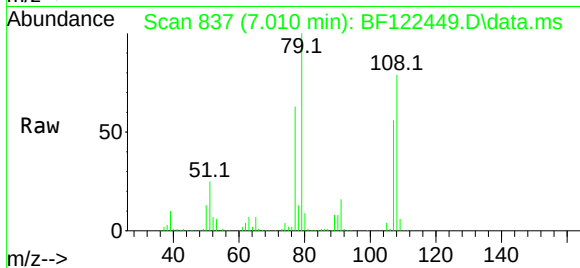
Tgt Ion: 79 Resp: 535420

Ion Ratio Lower Upper

79 100

108 78.9 62.3 93.5

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.78 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

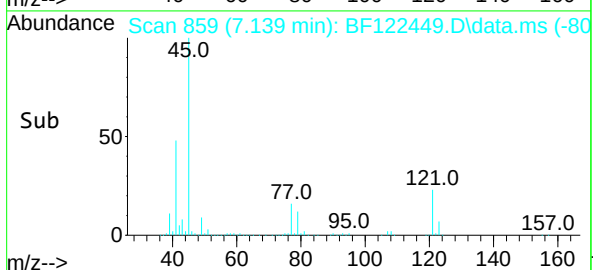
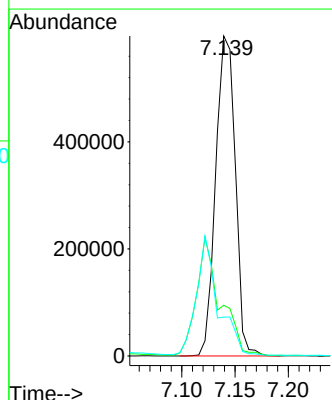
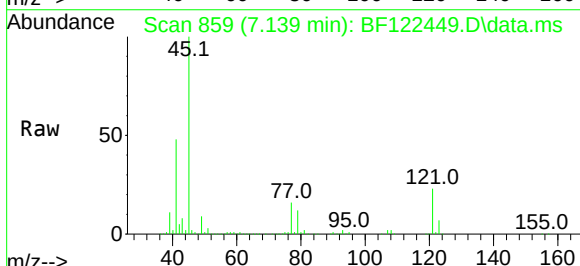
Tgt Ion: 45 Resp: 765056

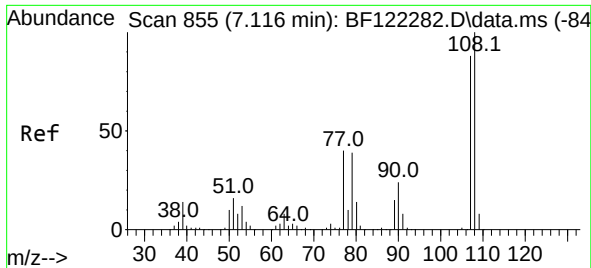
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.3

79 12.1 0.0 30.4

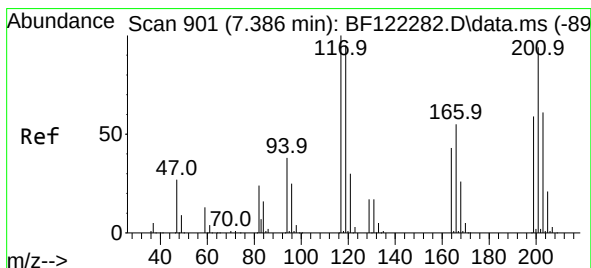
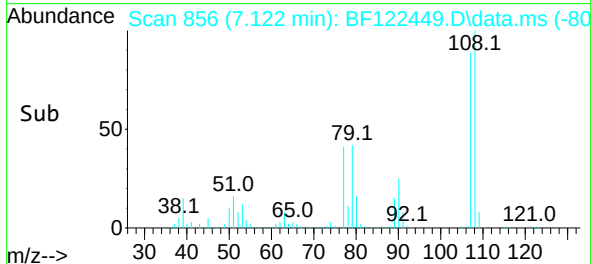
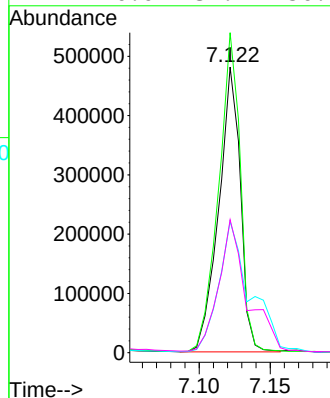
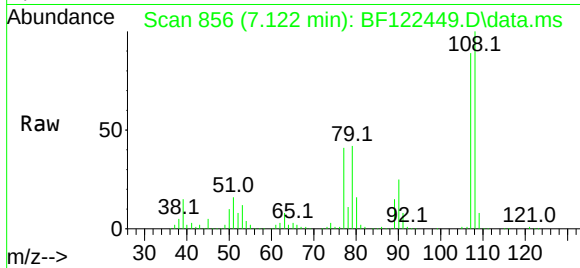




#17  
2-Methylphenol  
Concen: 50.06 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

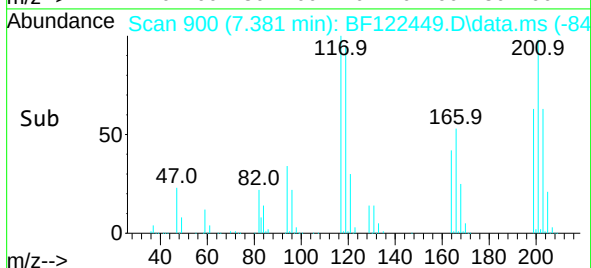
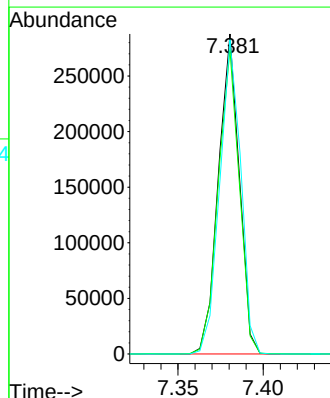
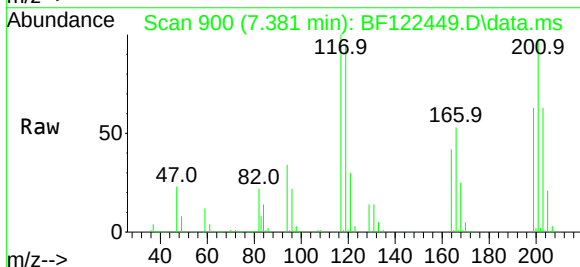
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

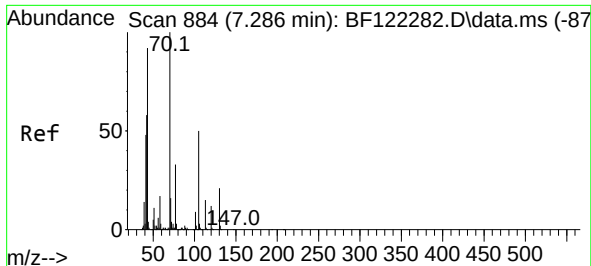
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 507350 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.0 | 90.9  | 136.3  |
| 77       | 45.9  | 37.5  | 56.3   |
| 79       | 46.6  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 50.73 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 244626 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.1  | 76.3  | 114.5  |
| 201      | 98.2  | 71.8  | 107.6  |



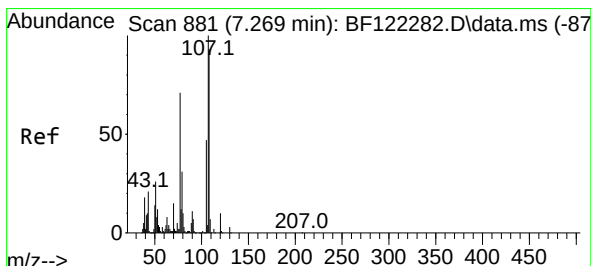
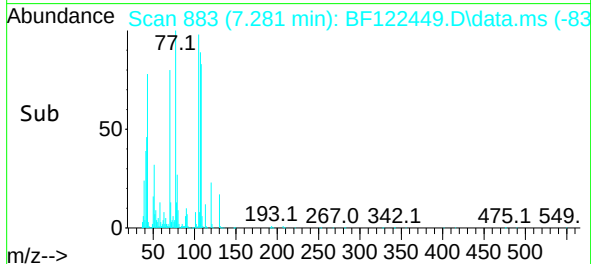
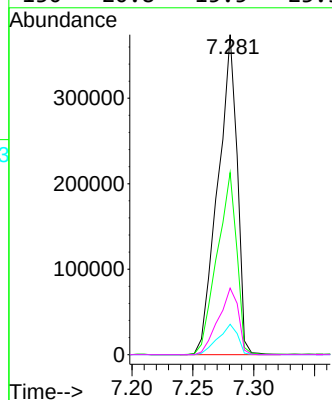
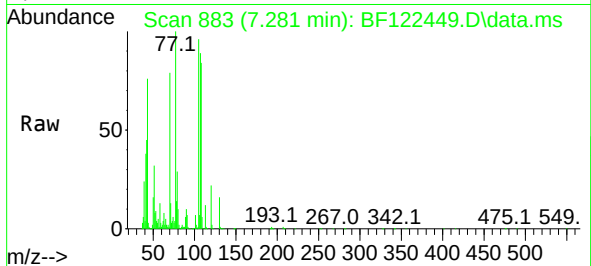


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.22 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion: 70 Resp: 413912

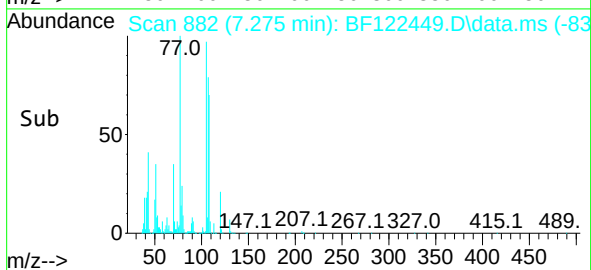
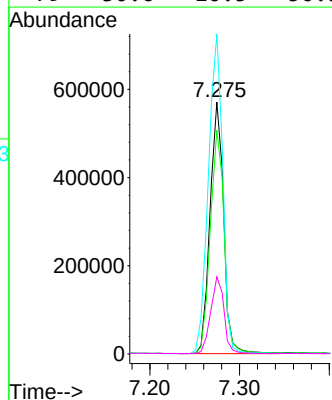
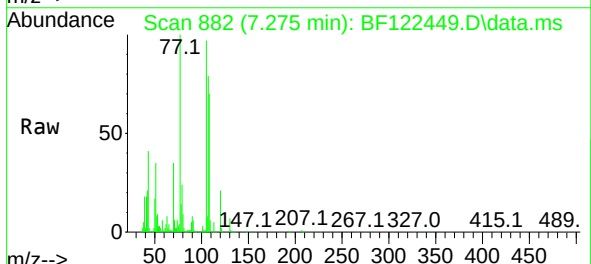
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.9  | 50.2  | 75.4  |
| 101 | 9.5   | 7.5   | 11.3  |
| 130 | 20.8  | 15.5  | 23.3  |

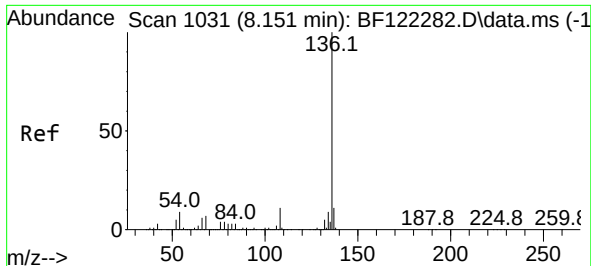


#20  
3+4-Methylphenols  
Concen: 48.31 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion: 107 Resp: 602543

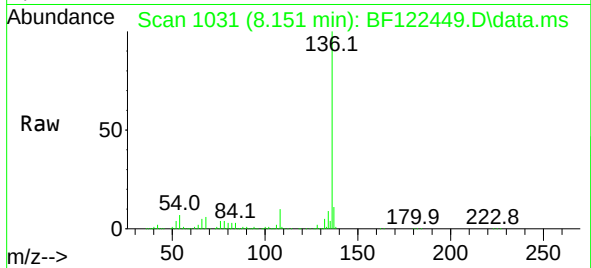
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.8  | 68.9  | 108.9 |
| 77  | 127.1 | 108.0 | 148.0 |
| 79  | 30.6  | 10.5  | 50.5  |



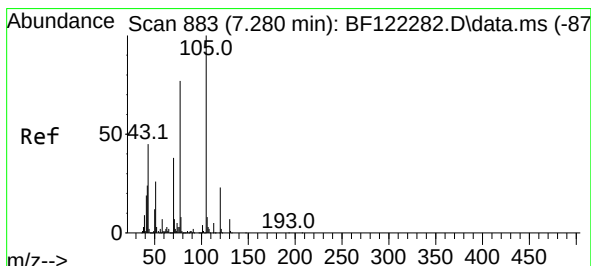
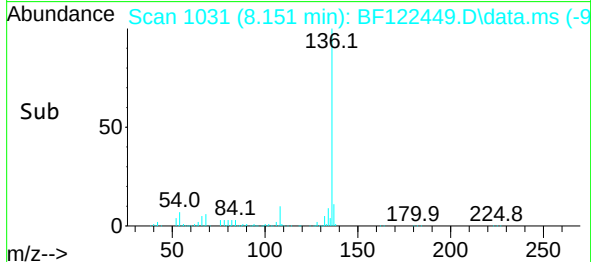
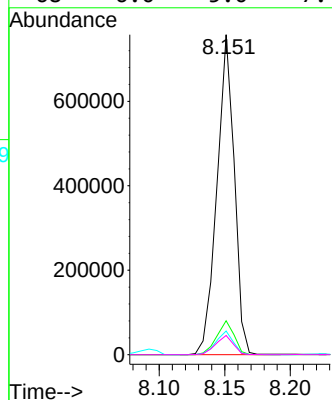


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

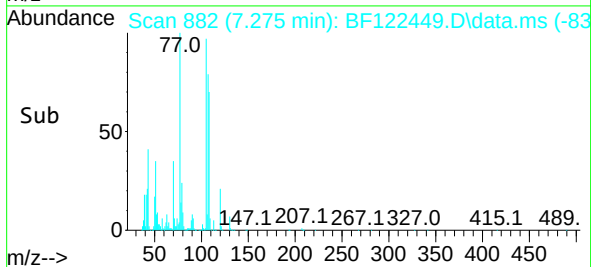
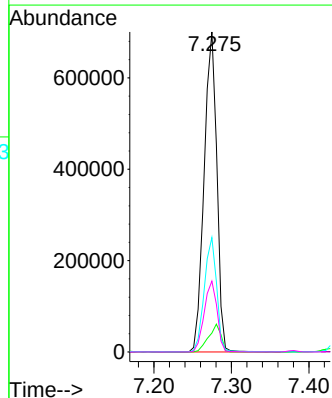
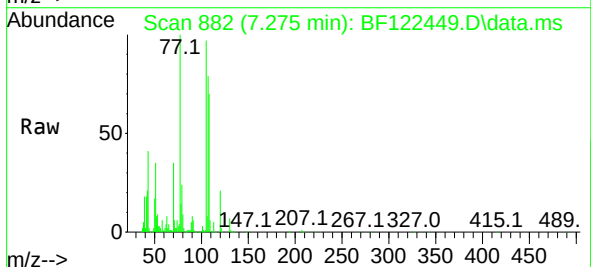


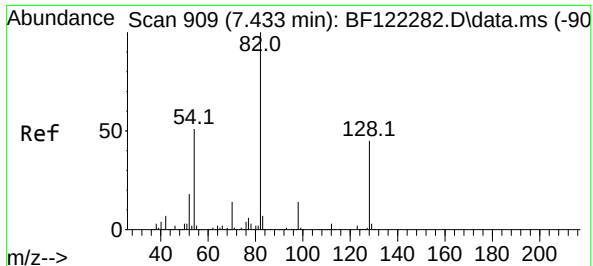
| Tgt Ion | 136 | 137  | 54   | 68  |
|---------|-----|------|------|-----|
| Ratio   | 100 | 10.6 | 7.4  | 6.0 |
| Lower   |     | 8.6  | 7.1  | 5.0 |
| Upper   |     | 13.0 | 10.7 | 7.4 |



#22  
Acetophenone  
Concen: 44.03 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

| Tgt Ion | 105 | 71  | 51   | 120  |
|---------|-----|-----|------|------|
| Ratio   | 100 | 5.9 | 35.8 | 22.2 |
| Lower   |     | 5.3 | 33.2 | 17.4 |
| Upper   |     | 7.9 | 49.8 | 26.0 |





#23

Nitrobenzene-d5

Concen: 101.59 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion: 82 Resp: 1156120

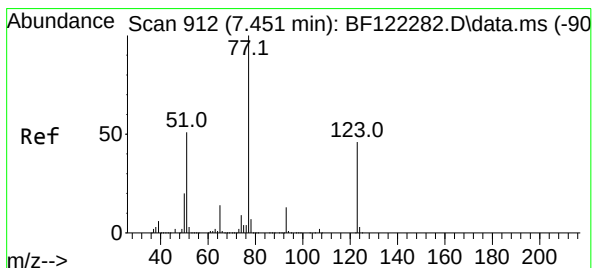
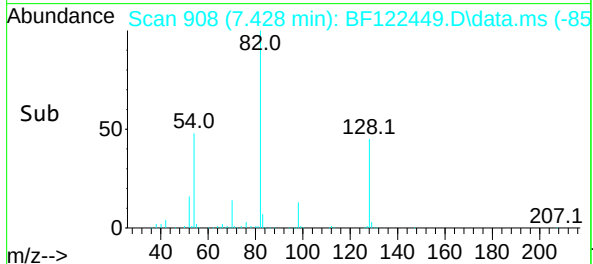
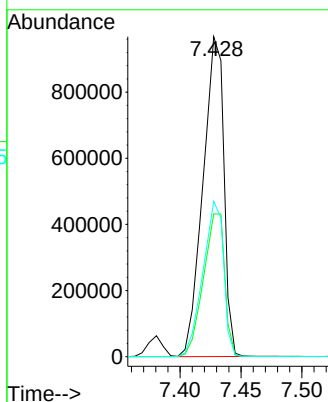
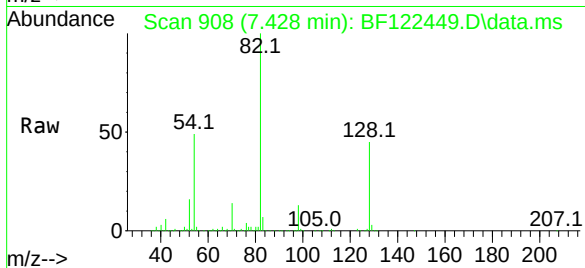
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.6  | 35.0  | 52.4  |
| 54  | 48.6  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

SB-08MSD



#24

Nitrobenzene

Concen: 50.09 ng

RT: 7.445 min Scan# 911

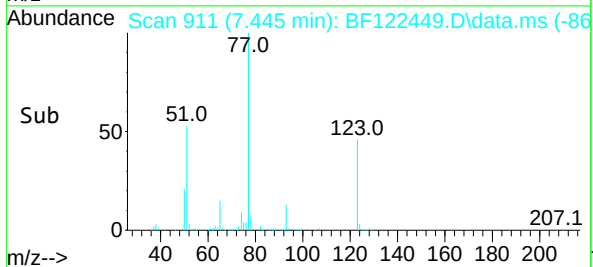
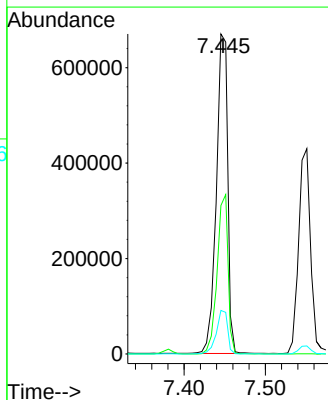
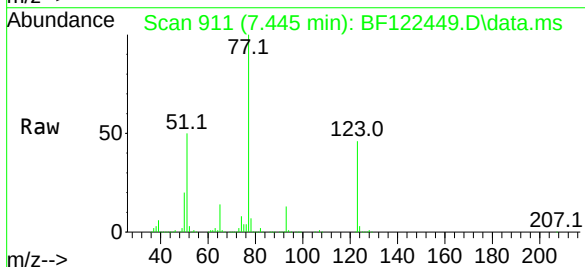
Delta R.T. -0.006 min

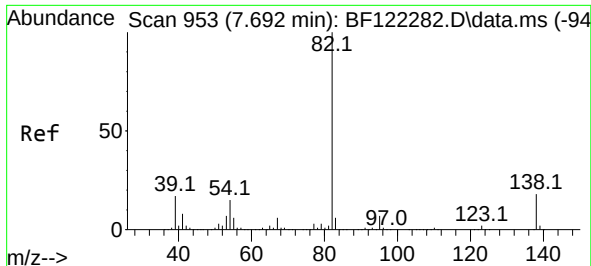
Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion: 77 Resp: 652174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.4  | 35.6  | 53.4  |
| 65  | 13.6  | 11.2  | 16.8  |

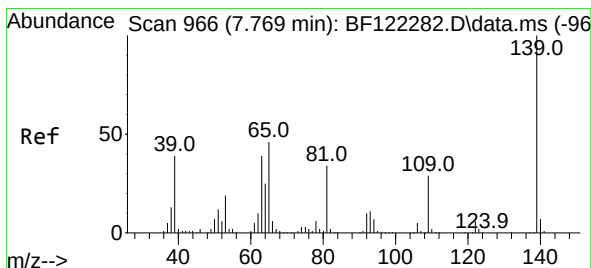
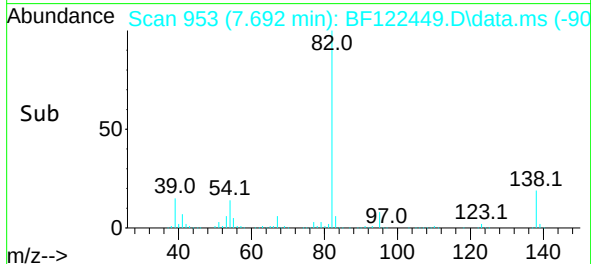
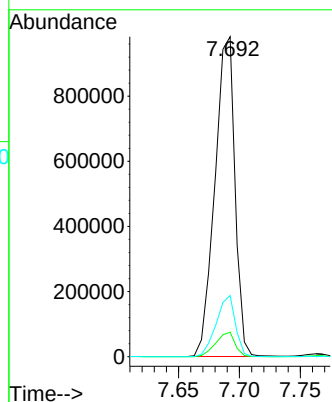
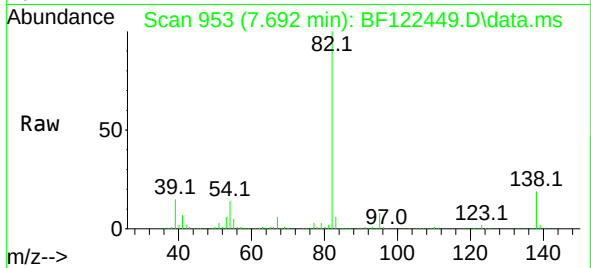




#25  
Isophorone  
Concen: 44.55 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

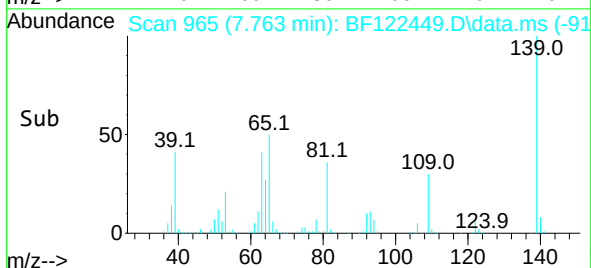
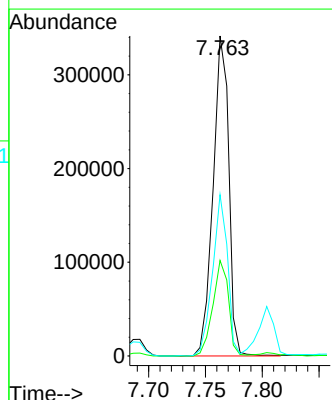
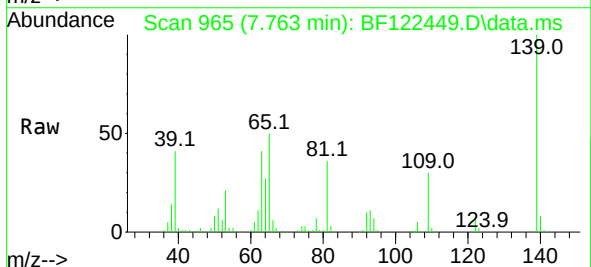
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion: 82 Resp: 1130238  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.4 8.0  
138 19.1 13.4 20.0

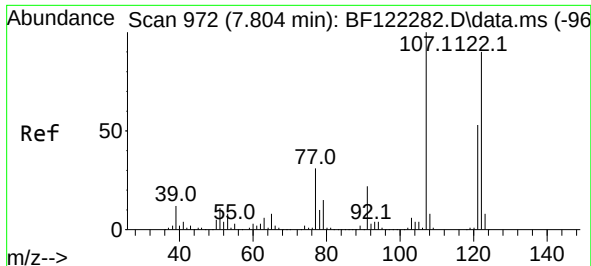


#26  
2-Nitrophenol  
Concen: 56.69 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:139 Resp: 328582  
Ion Ratio Lower Upper  
139 100  
109 29.8 23.0 34.4  
65 50.4 39.9 59.9







#27

2,4-Dimethylphenol

Concen: 45.68 ng

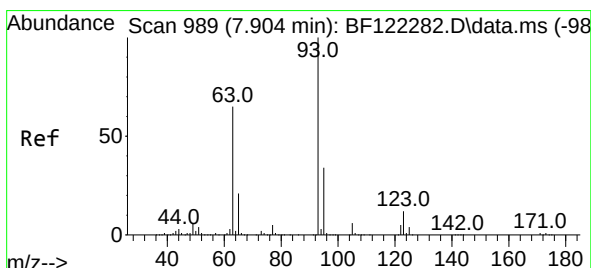
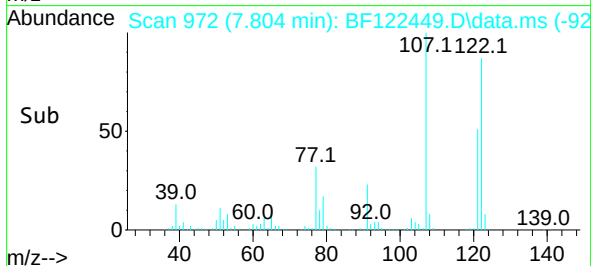
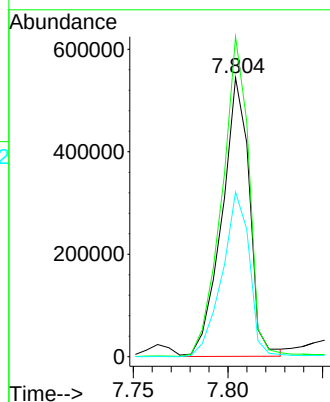
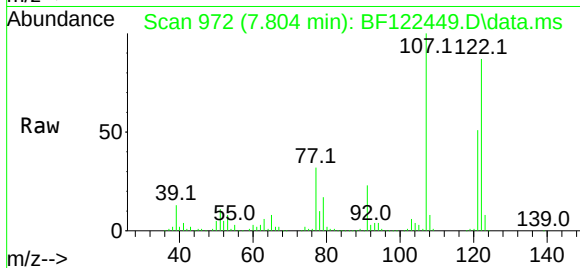
RT: 7.804 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 546656 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 114.8 | 90.8  | 136.2  |
| 121      | 59.0  | 47.5  | 71.3   |



#28

bis(2-Chloroethoxy)methane

Concen: 45.36 ng

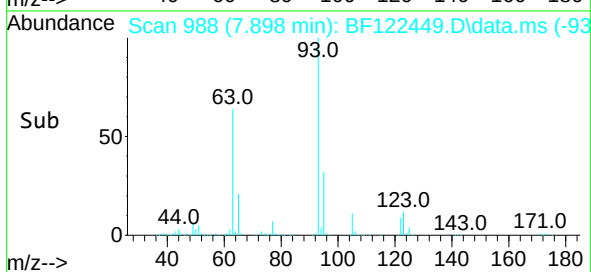
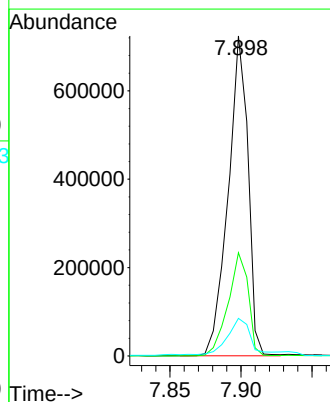
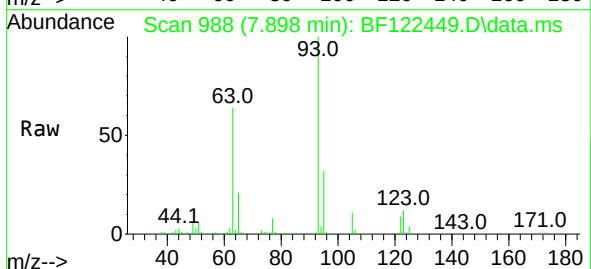
RT: 7.898 min Scan# 988

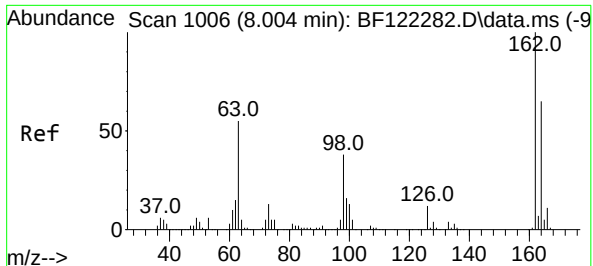
Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 703833 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.3  | 26.2  | 39.4   |
| 123      | 11.7  | 8.8   | 13.2   |

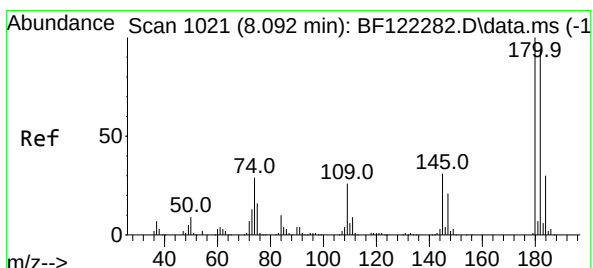
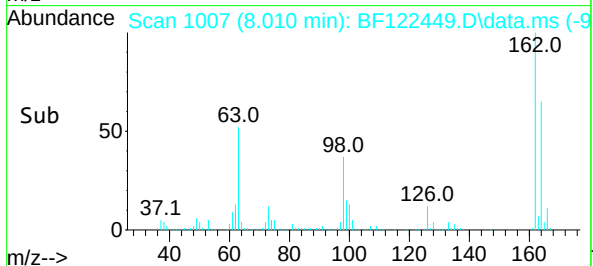
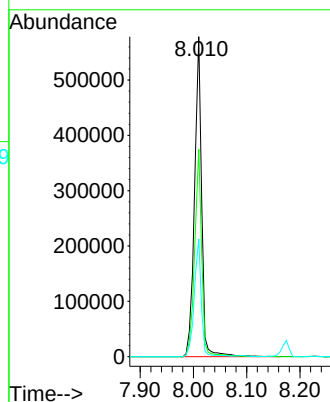
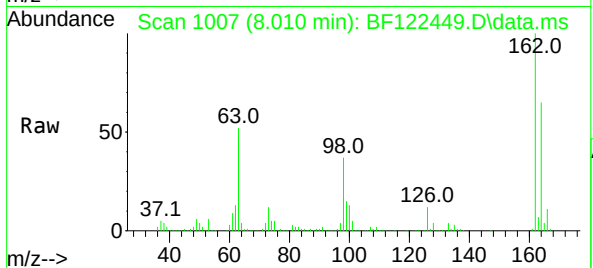




#29  
2,4-Dichlorophenol  
Concen: 51.20 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

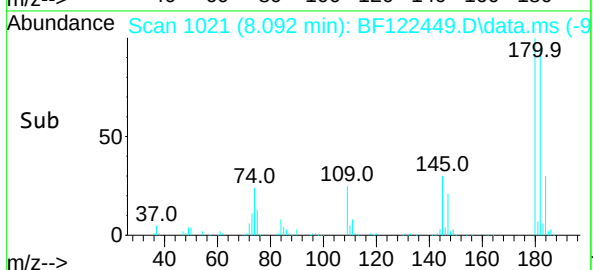
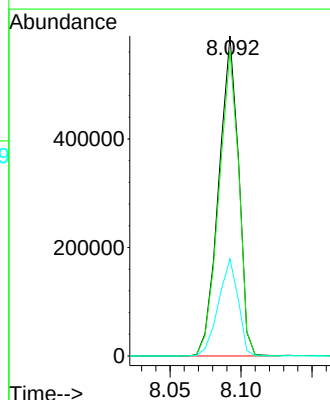
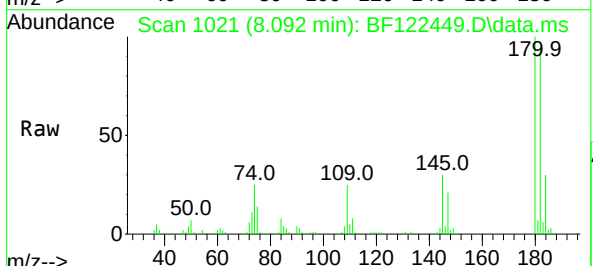
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

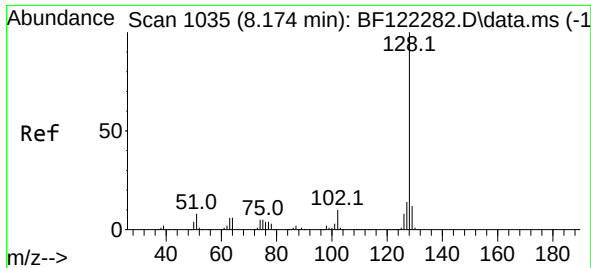
Tgt Ion:162 Resp: 542441  
Ion Ratio Lower Upper  
162 100  
164 64.9 42.5 82.5  
98 36.8 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 48.91 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:180 Resp: 571931  
Ion Ratio Lower Upper  
180 100  
182 95.4 79.4 119.2  
145 30.3 25.5 38.3

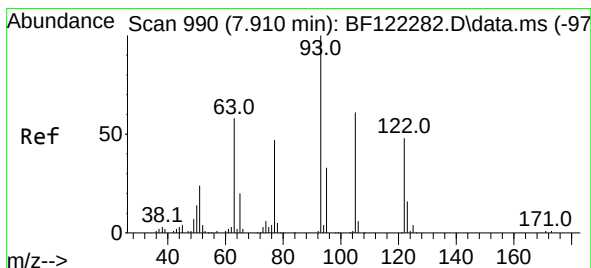
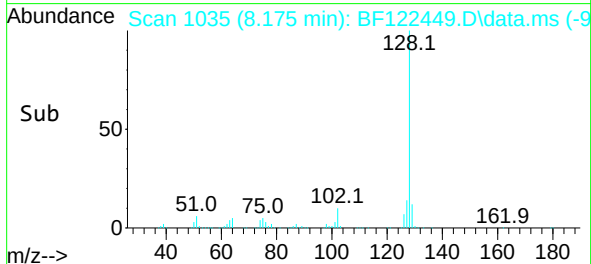
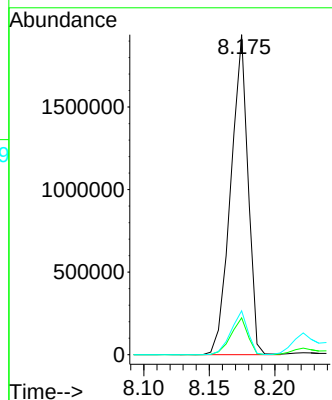
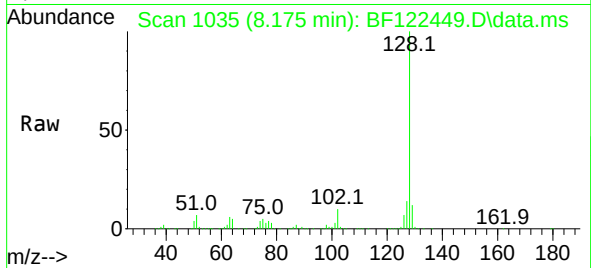




#31  
Naphthalene  
Concen: 47.88 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

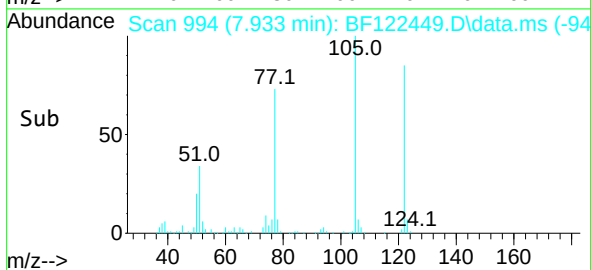
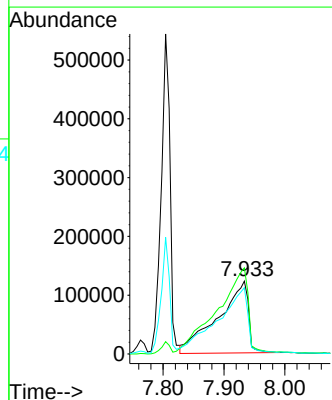
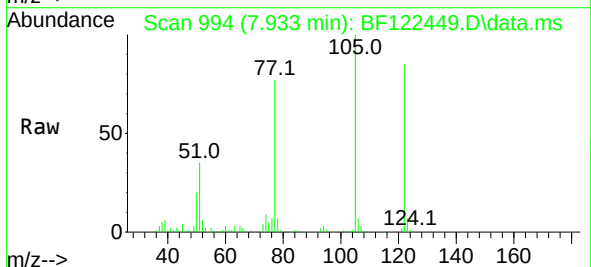
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

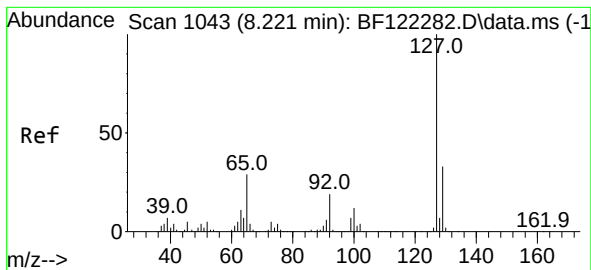
Tgt Ion:128 Resp: 1773500  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 13.7 10.8 16.2



#32  
Benzoic acid  
Concen: 61.16 ng  
RT: 7.933 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:122 Resp: 422501  
Ion Ratio Lower Upper  
122 100  
105 118.3 103.3 143.3  
77 90.9 73.9 113.9

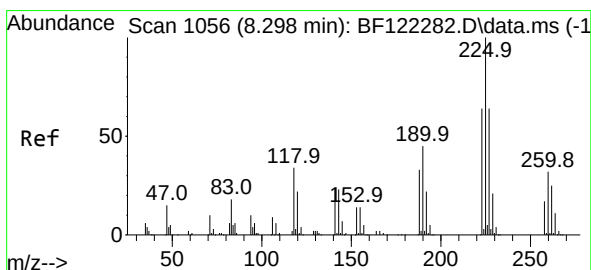
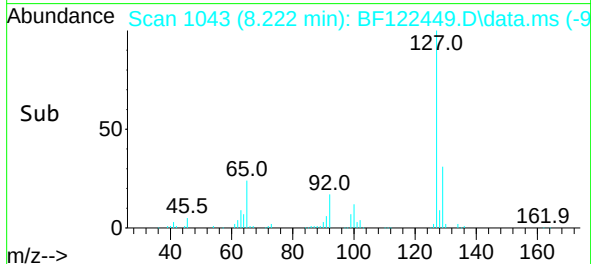
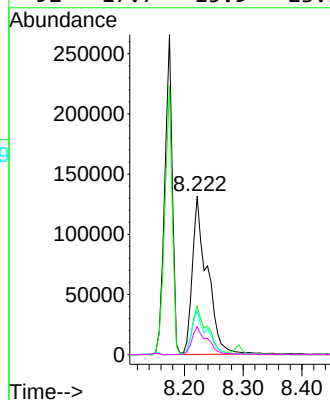
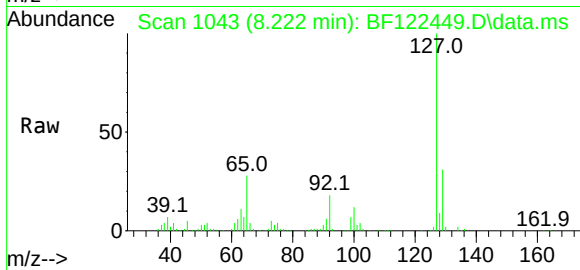




#33  
4-Chloroaniline  
Concen: 14.40 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

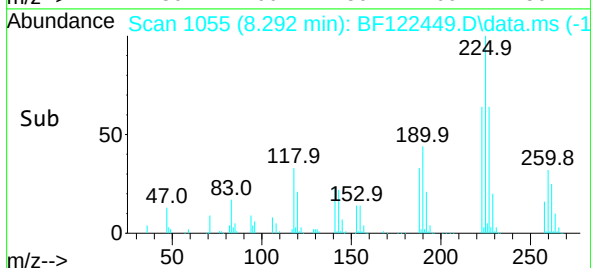
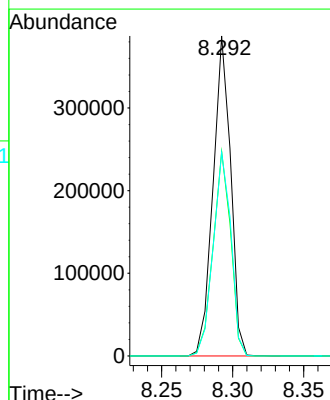
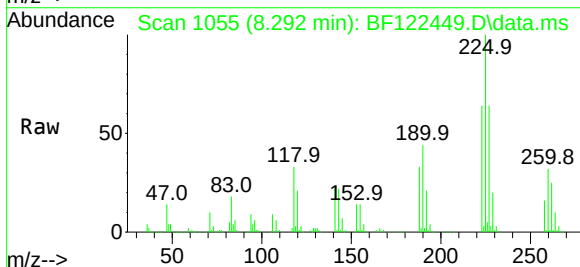
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

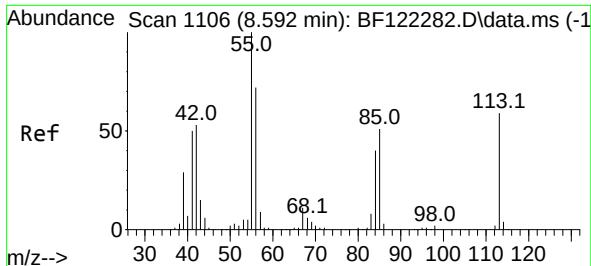
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 232288 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.6  | 26.3  | 39.5   |
| 65       | 27.5  | 26.2  | 39.2   |
| 92       | 17.7  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 49.67 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 333822 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 51.1  | 76.7   |
| 227      | 63.6  | 51.0  | 76.6   |

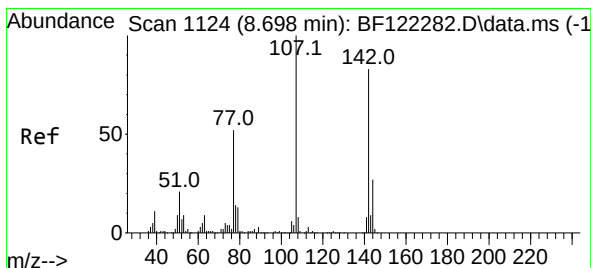
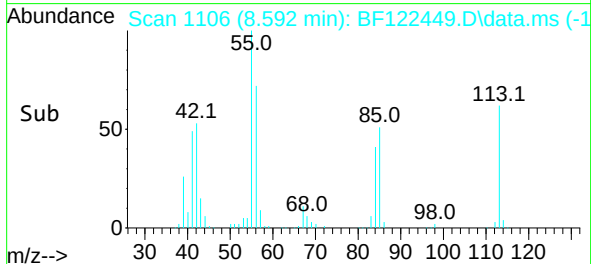
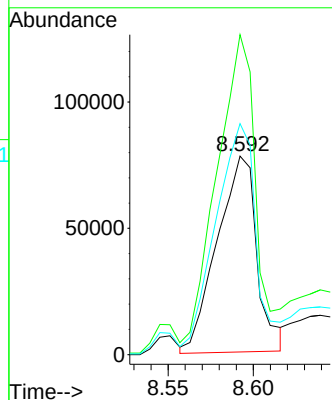
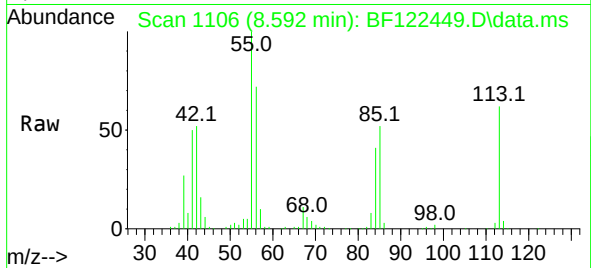




#35  
Caprolactam  
Concen: 37.45 ng  
RT: 8.592 min Scan# 1106  
Delta R.T. -0.012 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

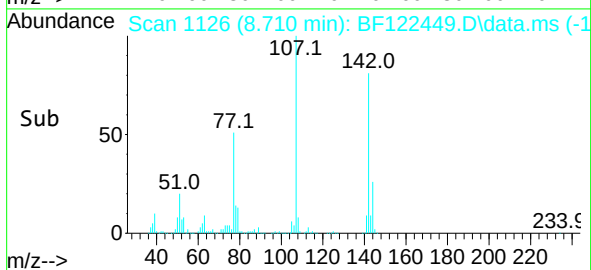
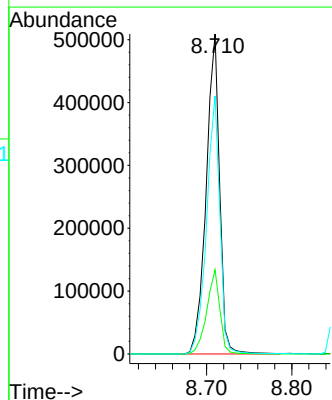
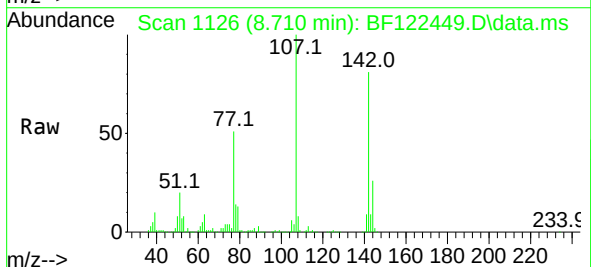
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

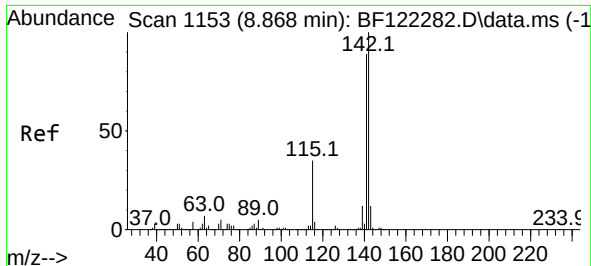
Tgt Ion:113 Resp: 125775  
Ion Ratio Lower Upper  
113 100  
55 161.2 167.5 207.5#  
56 116.4 121.2 161.2#



#36  
4-Chloro-3-methylphenol  
Concen: 50.46 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:107 Resp: 557654  
Ion Ratio Lower Upper  
107 100  
144 26.3 20.1 30.1  
142 80.7 59.3 88.9

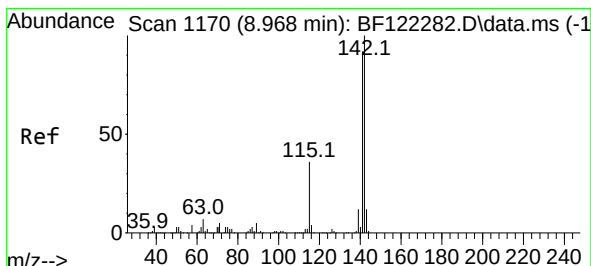
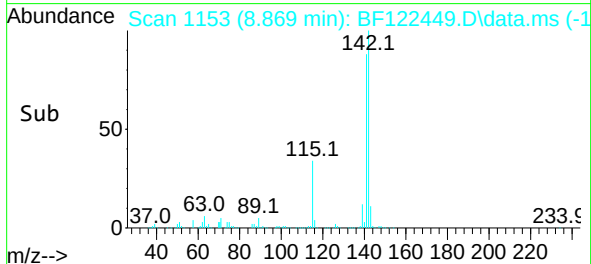
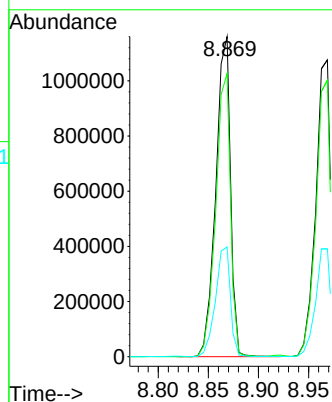
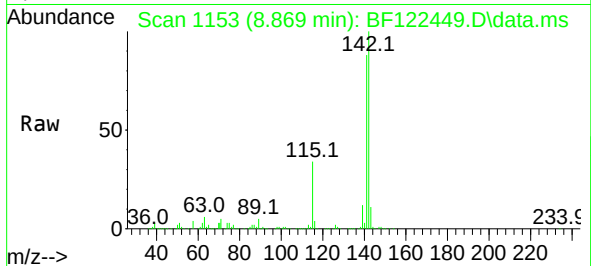




#37  
2-Methylnaphthalene  
Concen: 48.38 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

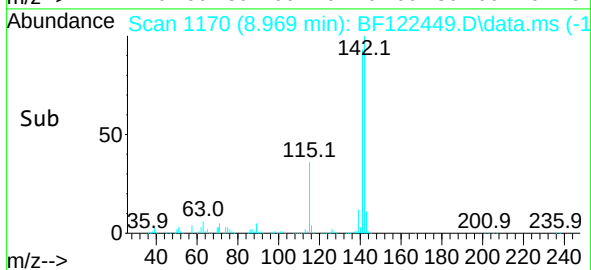
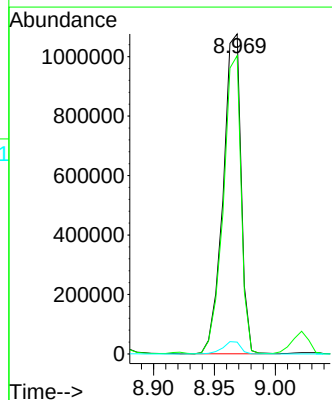
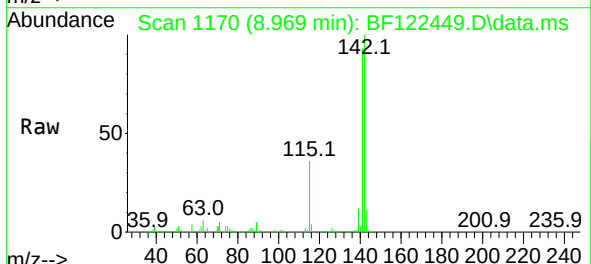
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

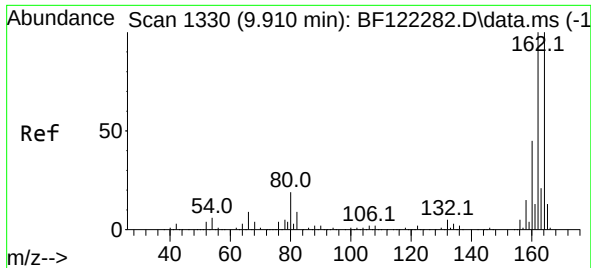
Tgt Ion:142 Resp: 1183888  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.2 105.4  
115 34.3 28.6 43.0



#38  
1-Methylnaphthalene  
Concen: 48.18 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:142 Resp: 1103630  
Ion Ratio Lower Upper  
142 100  
141 93.2 74.5 111.7  
116 3.7 3.2 4.8

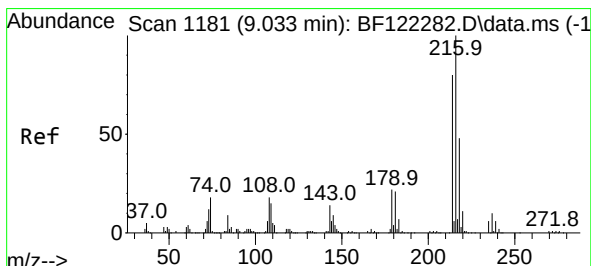
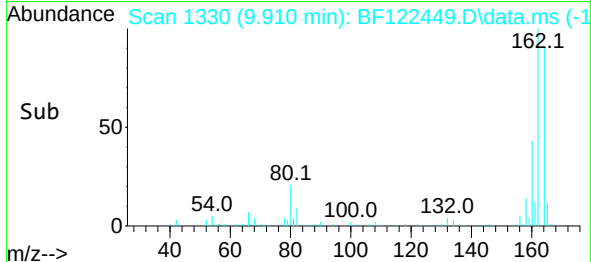
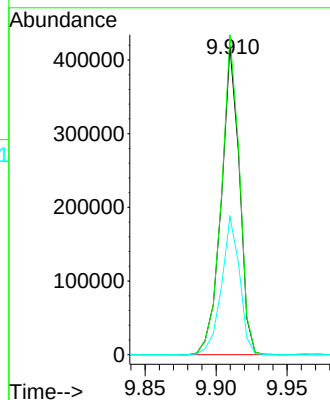
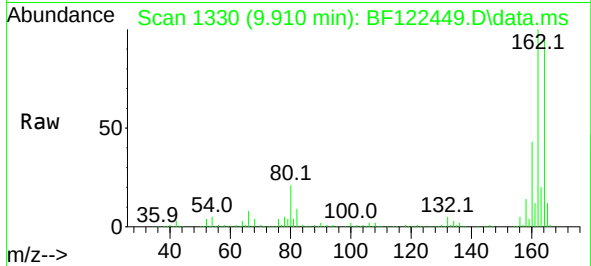




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

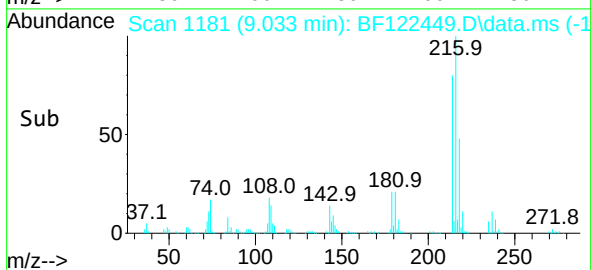
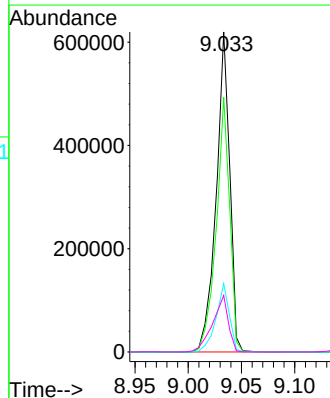
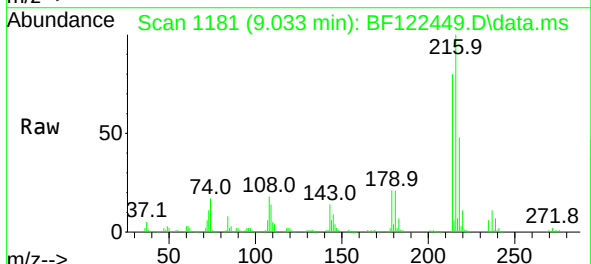
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

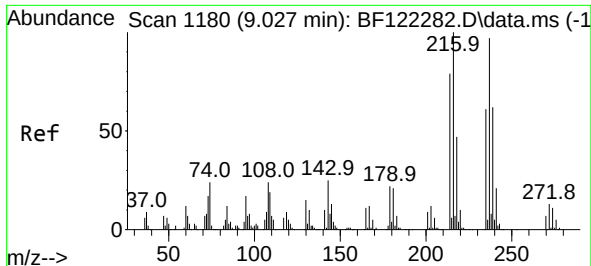
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 371045 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 103.8 | 83.2  | 124.8  |
| 160      | 44.8  | 37.5  | 56.3   |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.99 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 548749 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.1  | 63.4  | 95.2   |
| 179      | 21.1  | 17.0  | 25.6   |
| 108      | 20.5  | 15.5  | 23.3   |

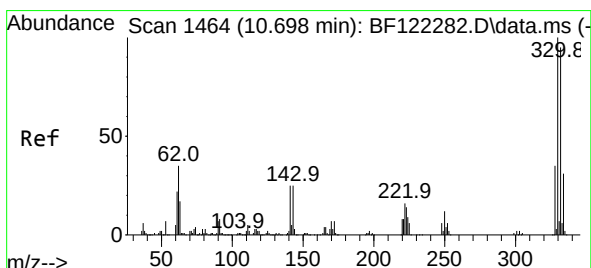
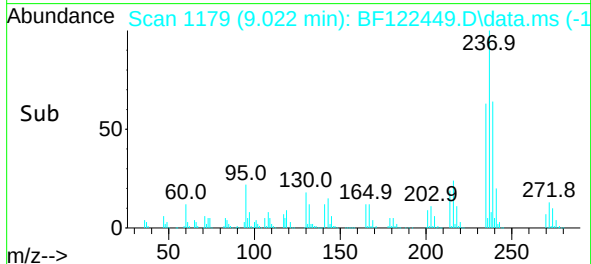
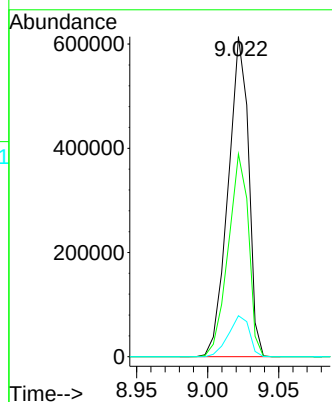
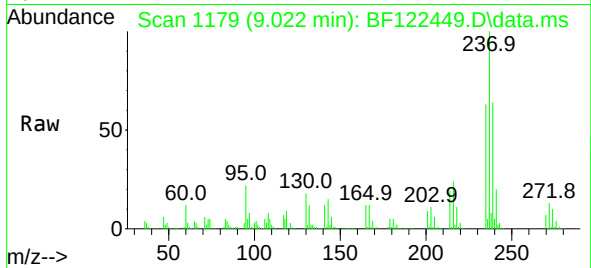




#41  
Hexachlorocyclopentadiene  
Concen: 91.93 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

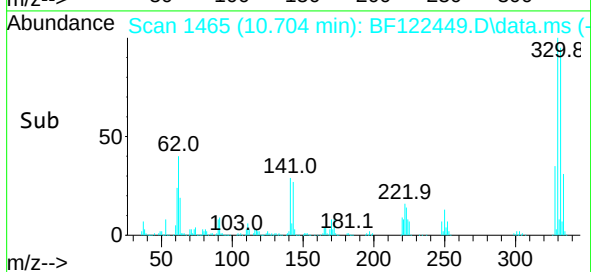
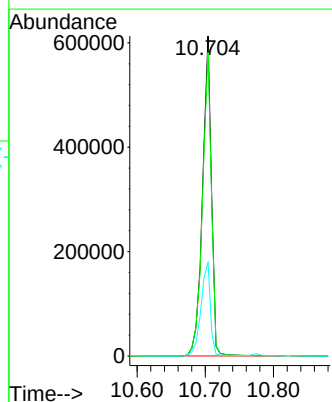
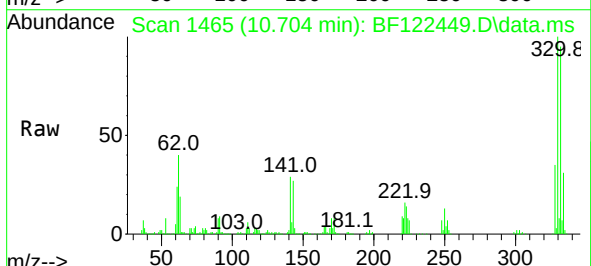
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion:237 Resp: 614598  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.8 81.8  
272 12.8 0.0 33.5

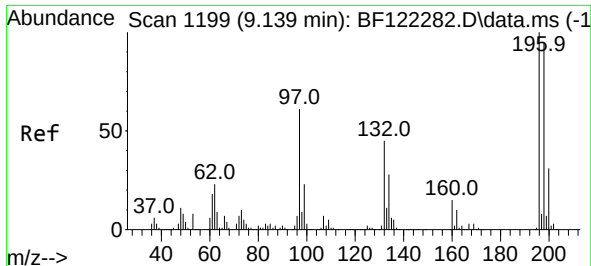


#42  
2,4,6-Tribromophenol  
Concen: 140.03 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:330 Resp: 557651  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 31.1 22.3 33.5



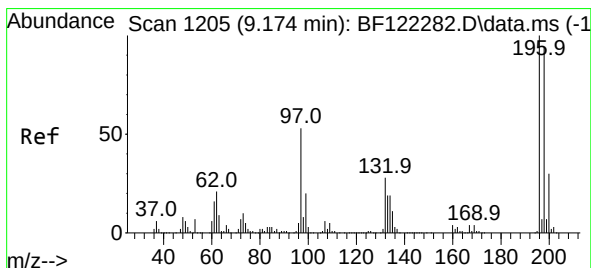
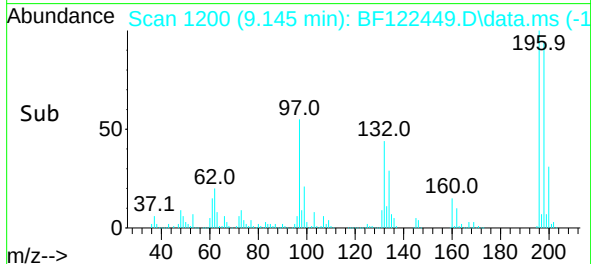
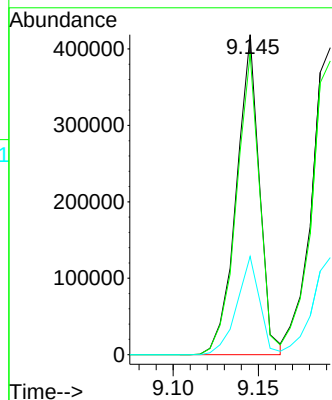
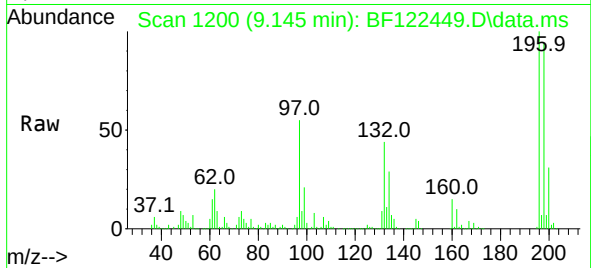




#43  
2,4,6-Trichlorophenol  
Concen: 52.80 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

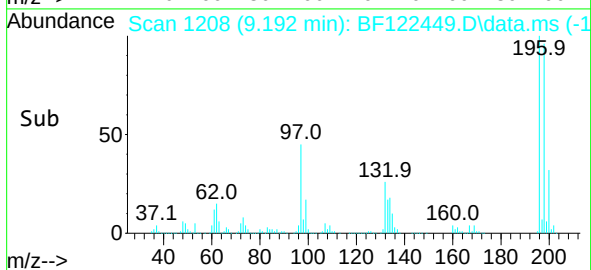
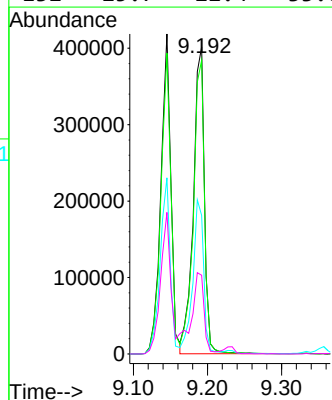
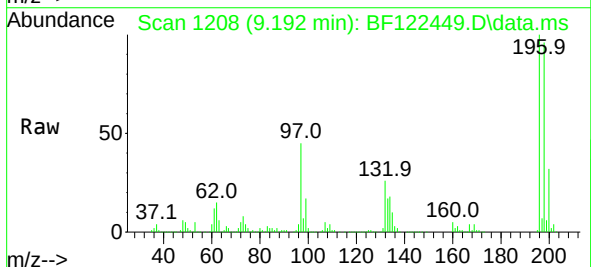
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

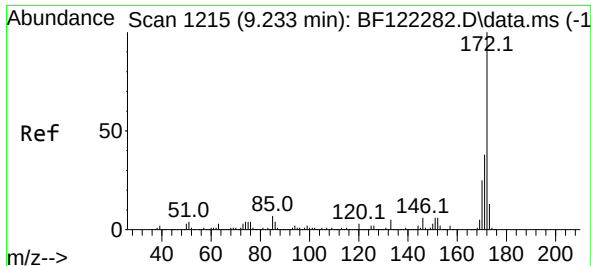
Tgt Ion:196 Resp: 392034  
Ion Ratio Lower Upper  
196 100  
198 94.0 75.8 113.6  
200 30.7 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 53.80 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:196 Resp: 418802  
Ion Ratio Lower Upper  
196 100  
198 95.7 76.1 114.1  
97 45.1 41.0 61.6  
132 25.7 22.4 33.6

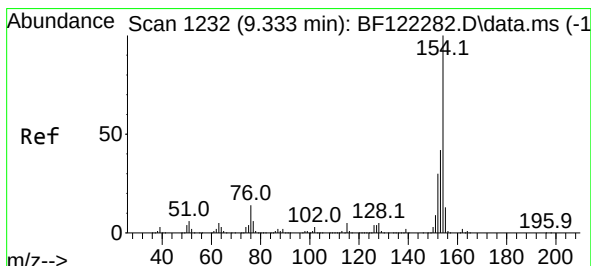
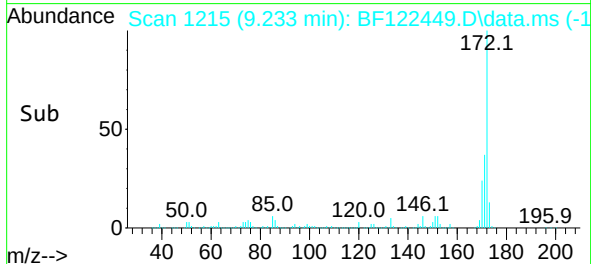
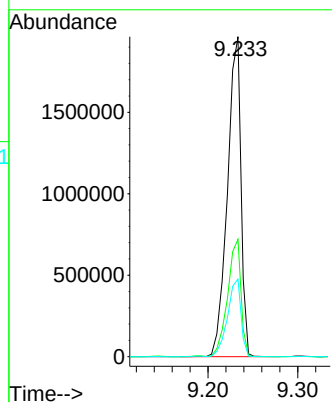
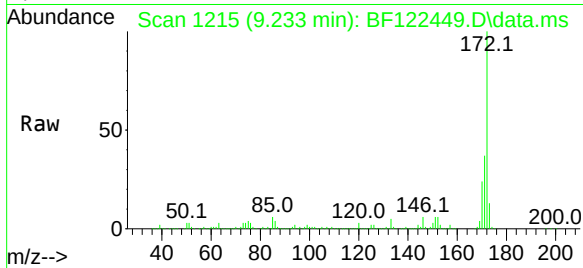




#45  
2-Fluorobiphenyl  
Concen: 86.83 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

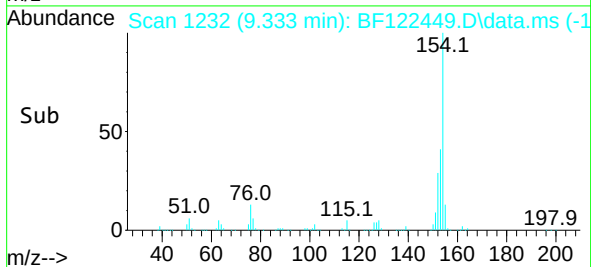
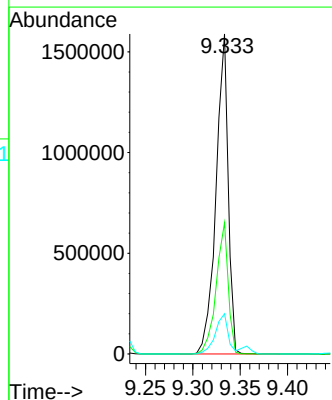
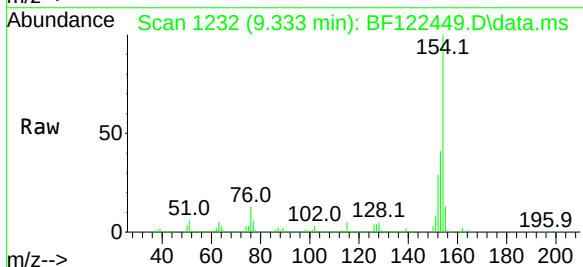
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

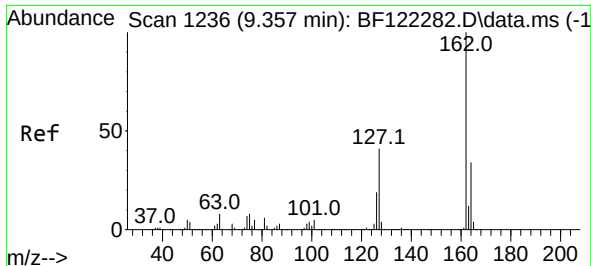
Tgt Ion:172 Resp: 2061984  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.1 43.7  
170 24.3 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 47.93 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:154 Resp: 1415593  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.3 61.3  
76 12.6 0.0 34.7

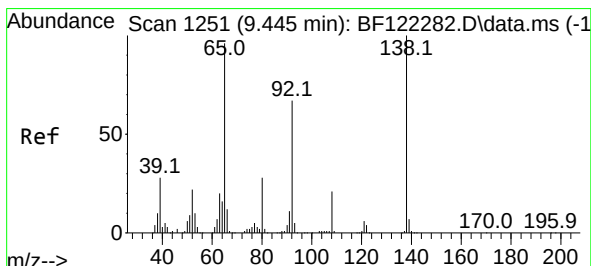
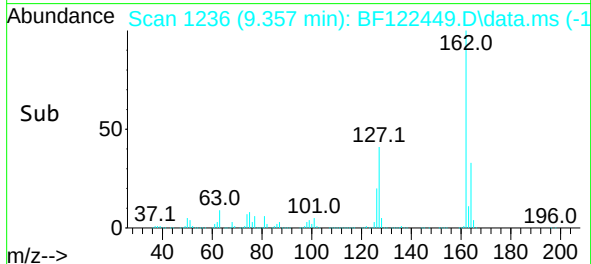
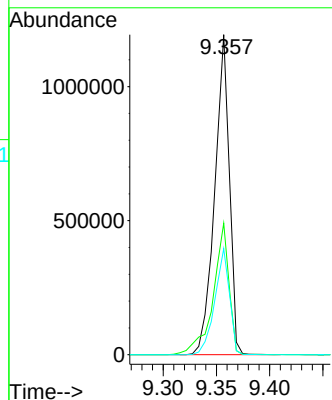
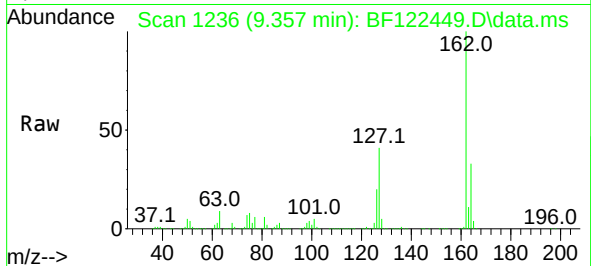




#47  
2-Chloronaphthalene  
Concen: 48.55 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

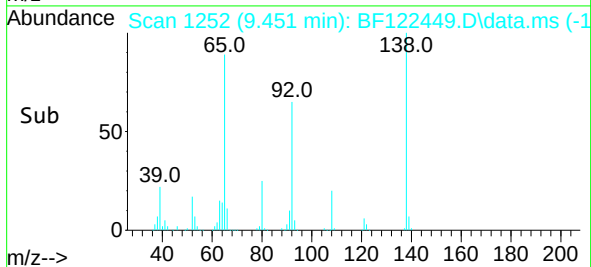
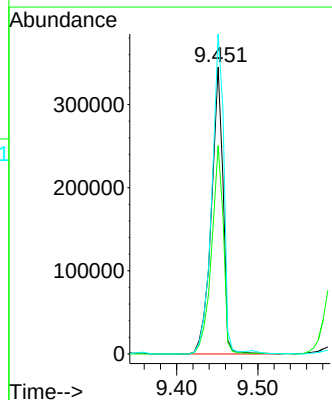
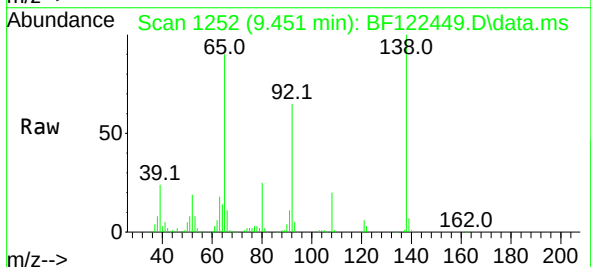
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

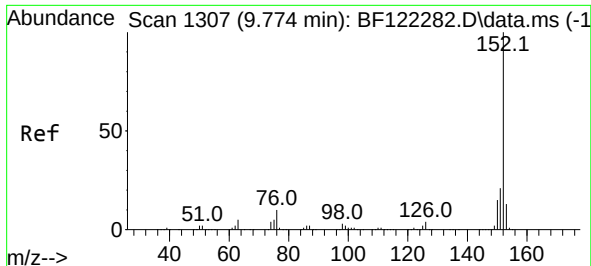
Tgt Ion:162 Resp: 1138050  
Ion Ratio Lower Upper  
162 100  
127 41.1 34.4 51.6  
164 33.1 26.3 39.5



#48  
2-Nitroaniline  
Concen: 49.10 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion: 65 Resp: 343772  
Ion Ratio Lower Upper  
65 100  
92 72.6 55.1 82.7  
138 111.6 80.5 120.7

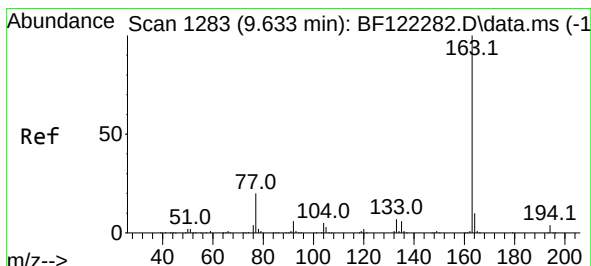
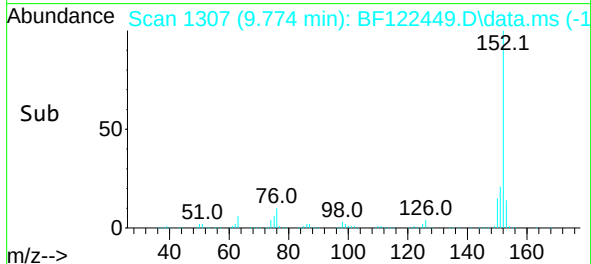
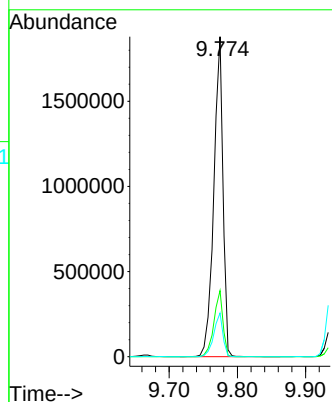
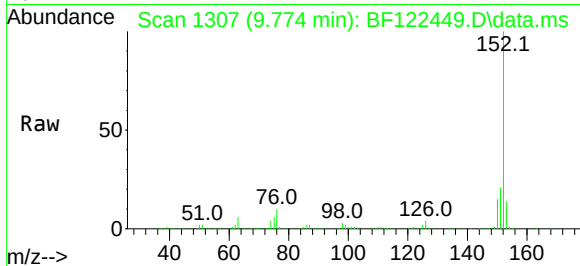




#49  
Acenaphthylene  
Concen: 48.88 ng  
RT: 9.774 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

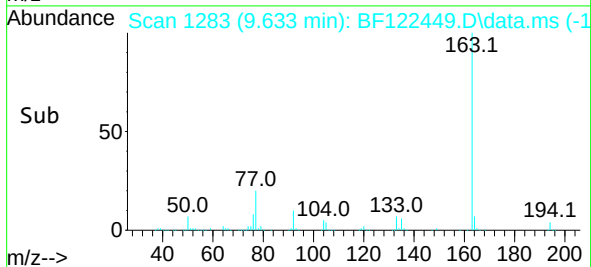
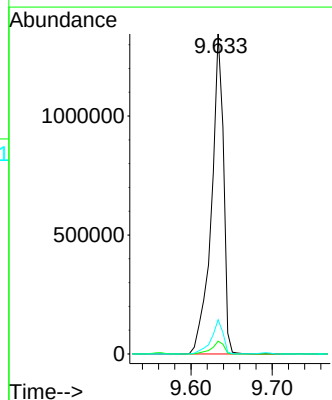
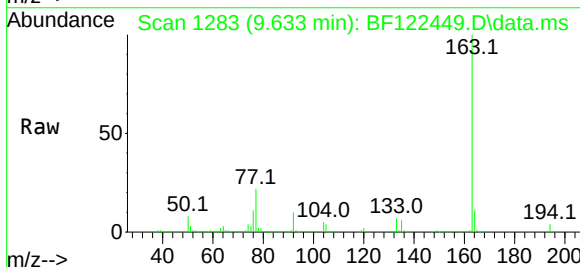
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

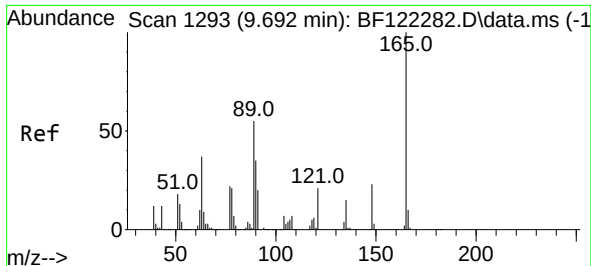
Tgt Ion:152 Resp: 1761130  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 13.6 10.6 15.8



#50  
Dimethylphthalate  
Concen: 52.47 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:163 Resp: 1383977  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.7 8.2 12.4

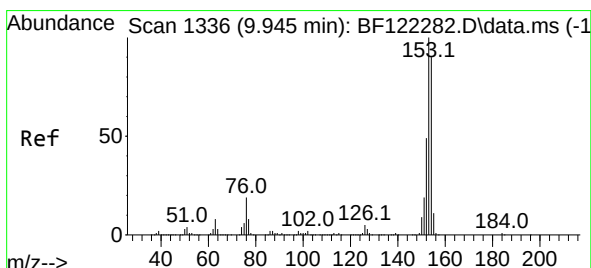
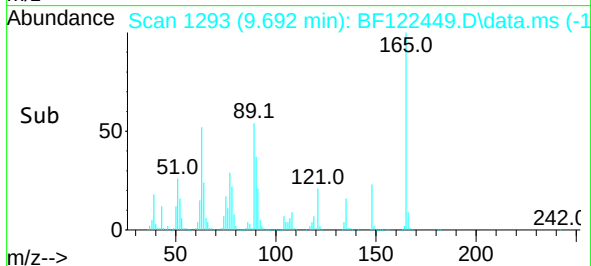
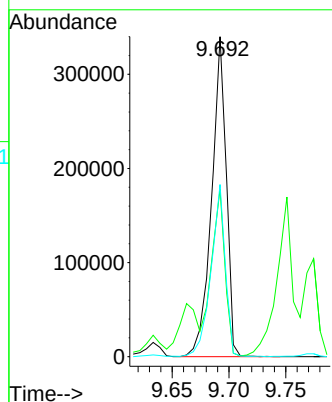
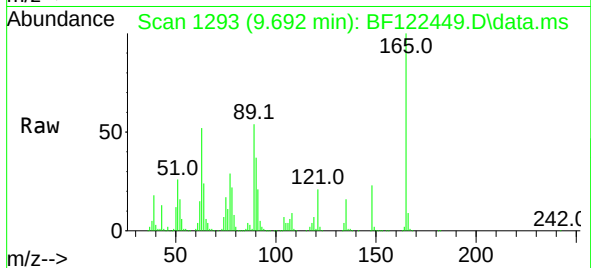




#51  
2,6-Dinitrotoluene  
Concen: 51.57 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

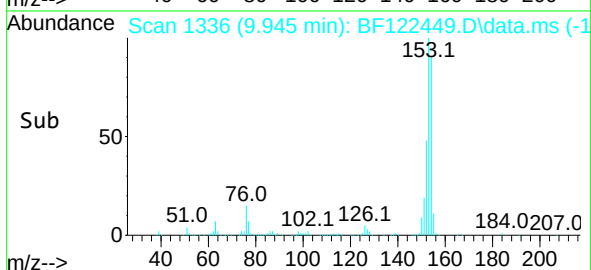
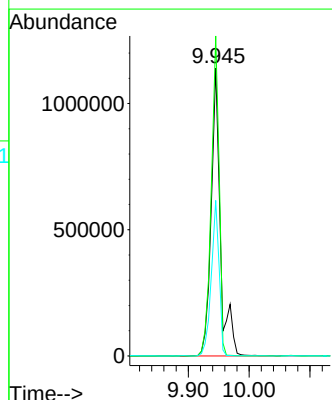
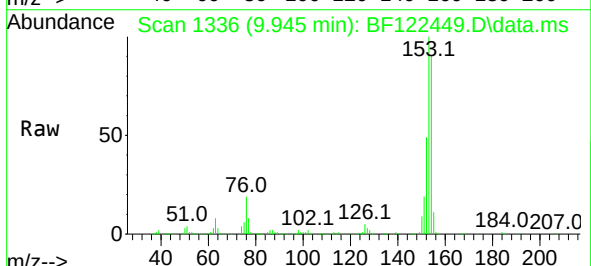
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

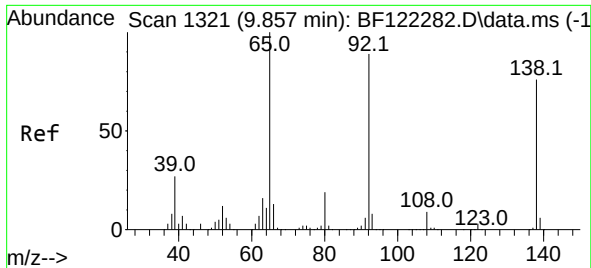
Tgt Ion:165 Resp: 304529  
Ion Ratio Lower Upper  
165 100  
63 52.4 51.8 77.6  
89 53.8 49.0 73.6



#52  
Acenaphthene  
Concen: 54.17 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:154 Resp: 1208095  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.8 134.8  
152 54.1 43.2 64.8

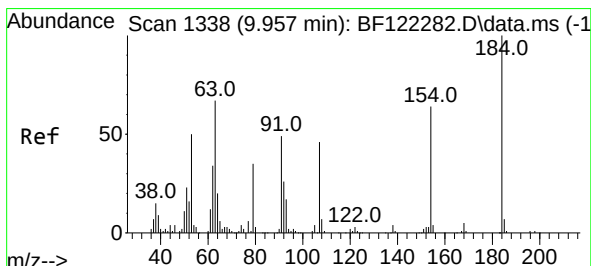
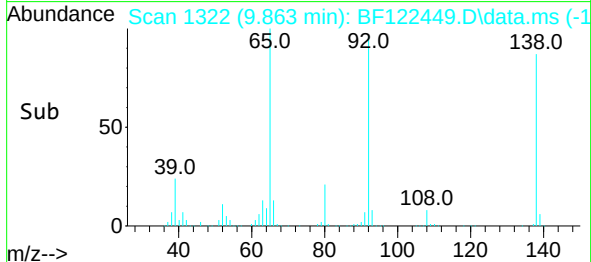
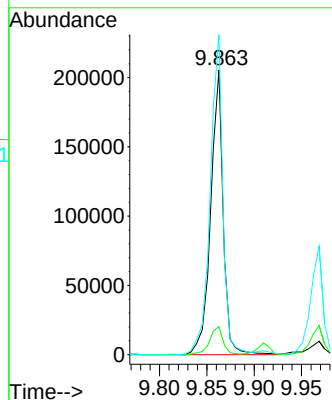
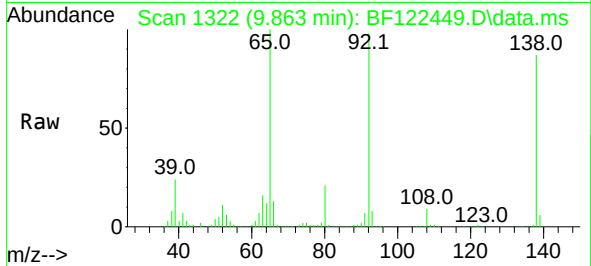




#53  
3-Nitroaniline  
Concen: 29.76 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

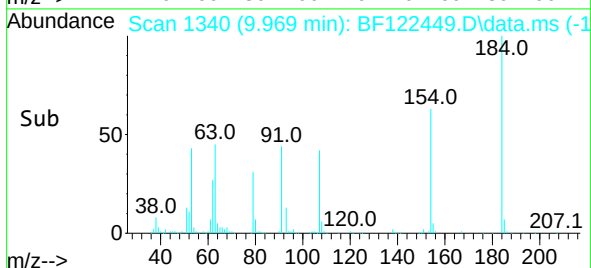
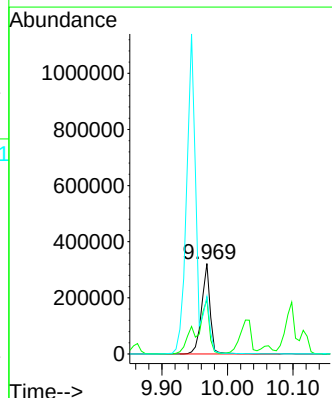
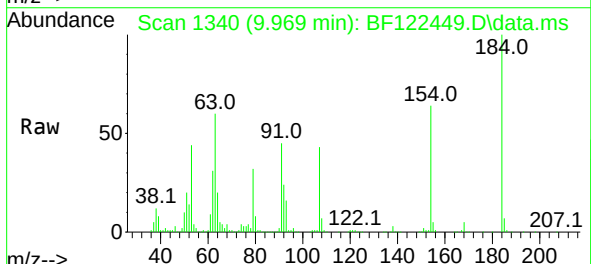
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

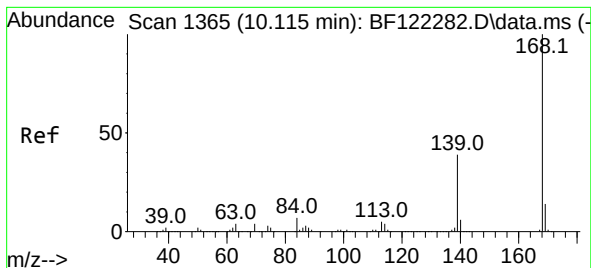
Tgt Ion:138 Resp: 189175  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.6 13.0  
92 112.5 96.6 144.8



#54  
2,4-Dinitrophenol  
Concen: 100.78 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:184 Resp: 292175  
Ion Ratio Lower Upper  
184 100  
63 60.3 45.9 68.9  
154 63.5 45.8 68.6

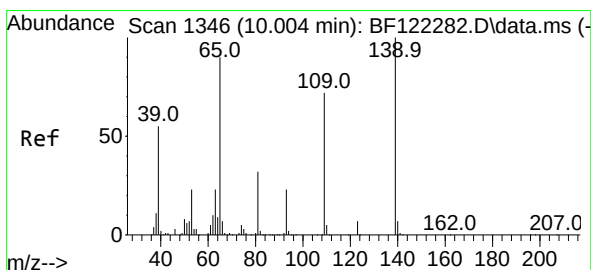
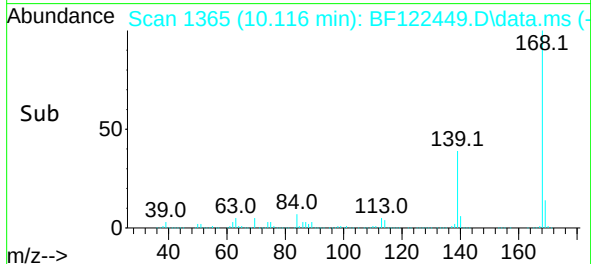
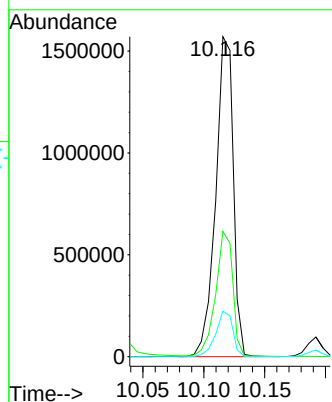
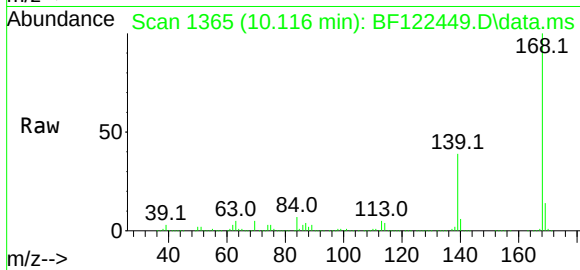




#55  
Dibenzofuran  
Concen: 48.57 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

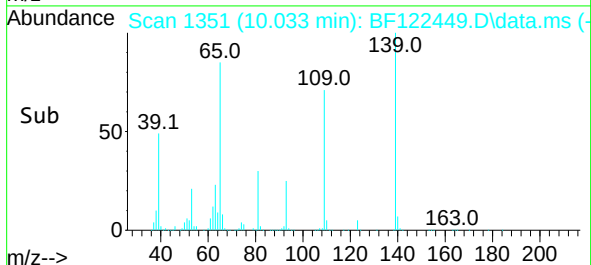
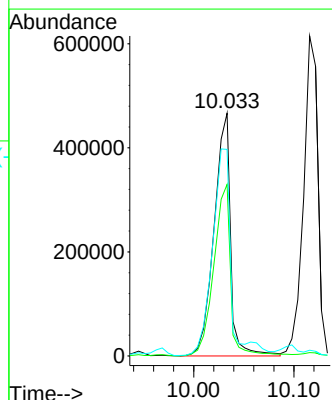
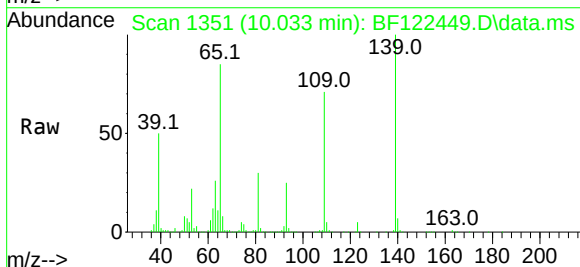
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BNA\_F  
ClientSampleId :  
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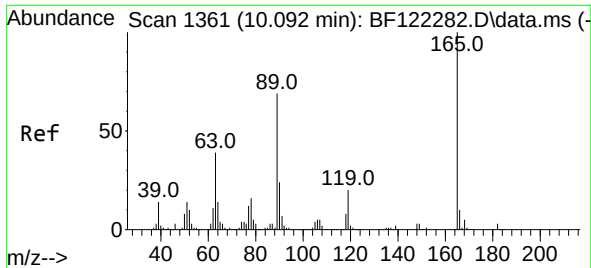
Tgt Ion:168 Resp: 1587043  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.0 46.6  
169 14.2 11.3 16.9



#56  
4-Nitrophenol  
Concen: 92.33 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:139 Resp: 536277  
Ion Ratio Lower Upper  
139 100  
109 70.7 45.4 85.4  
65 85.1 68.4 108.4

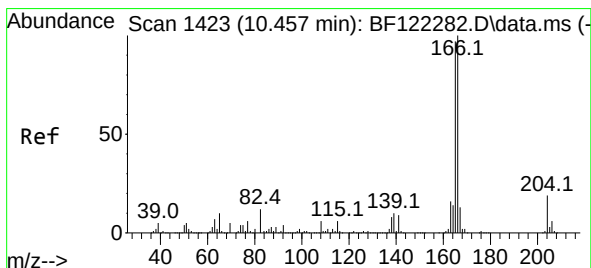
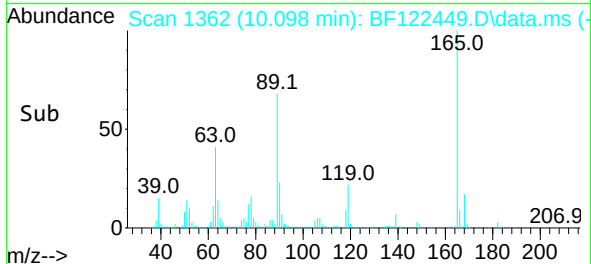
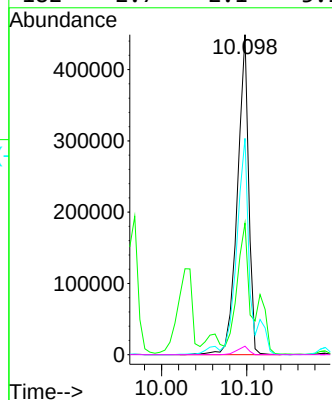
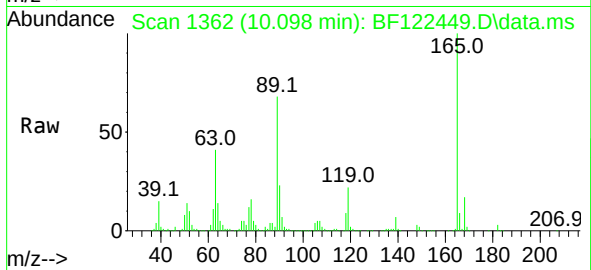




#57  
2,4-Dinitrotoluene  
Concen: 55.28 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

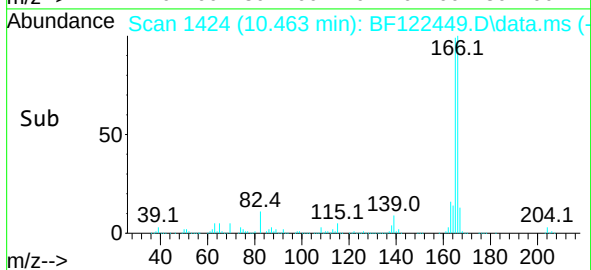
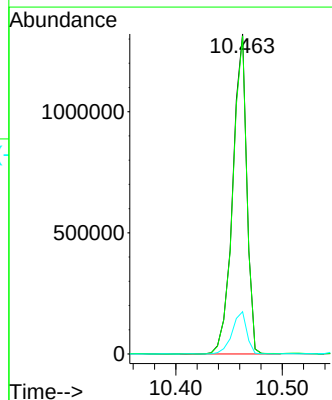
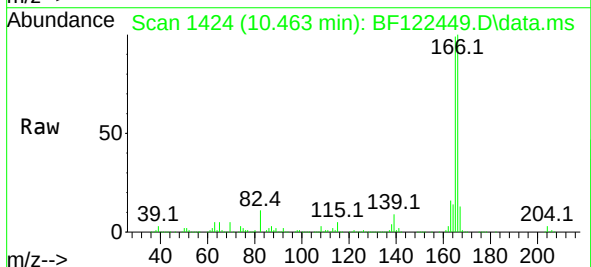
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion:165 Resp: 414685  
Ion Ratio Lower Upper  
165 100  
63 41.1 41.3 61.9#  
89 67.6 61.8 92.8  
182 2.7 2.1 3.1

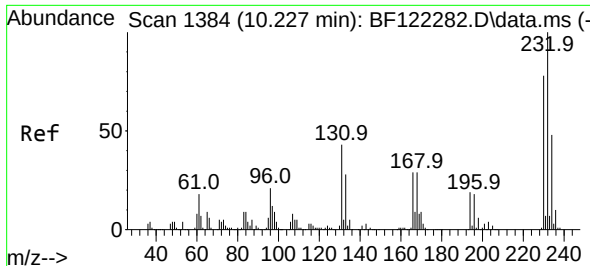


#58  
Fluorene  
Concen: 48.39 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:166 Resp: 1210602  
Ion Ratio Lower Upper  
166 100  
165 99.4 79.1 118.7  
167 13.2 11.0 16.6



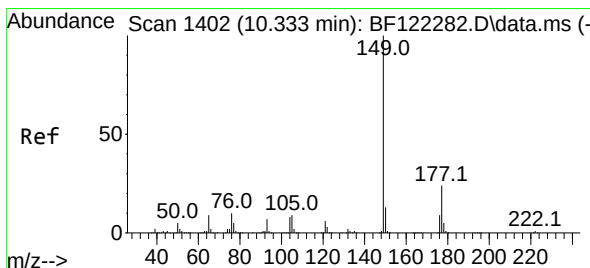
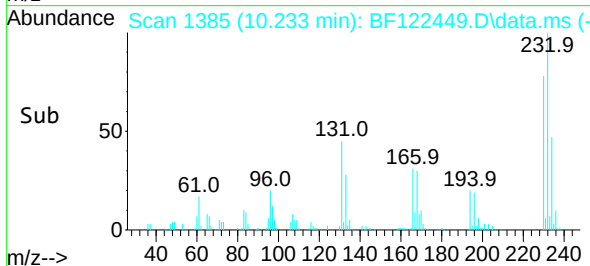
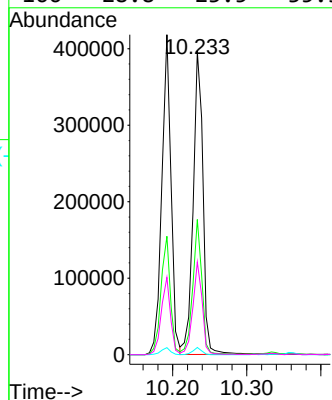
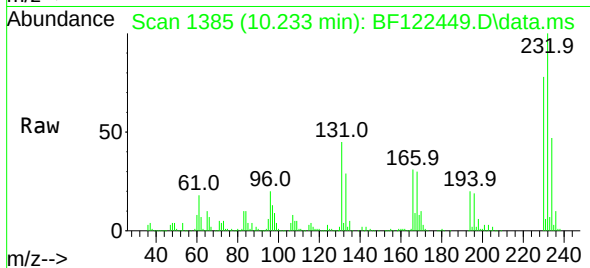




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 56.47 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

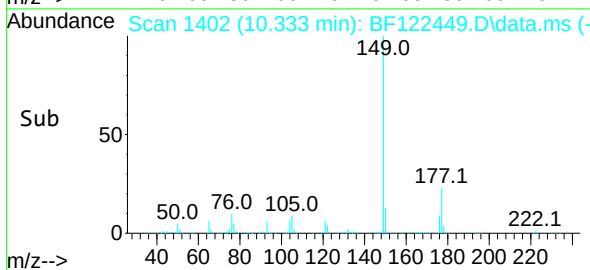
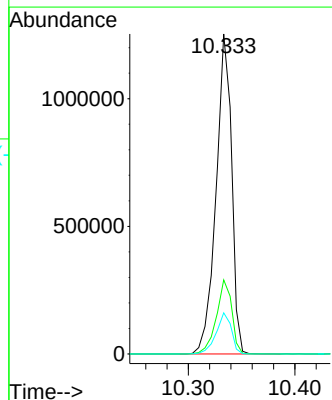
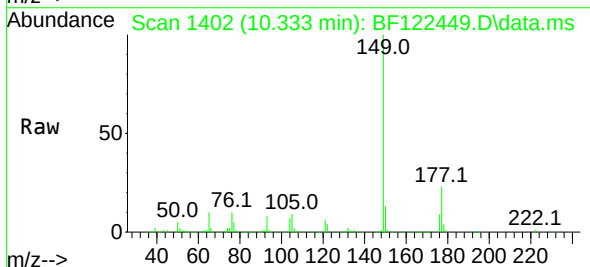
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

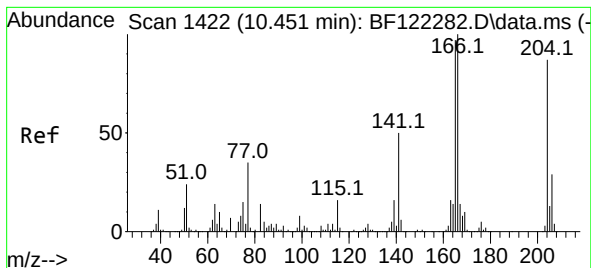
Tgt Ion:232 Resp: 365550  
Ion Ratio Lower Upper  
232 100  
131 41.1 35.9 53.9  
130 2.1 1.8 2.6  
166 28.8 23.5 35.3



#60  
Diethylphthalate  
Concen: 48.94 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:149 Resp: 1266151  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.1 27.1  
150 12.8 10.3 15.5

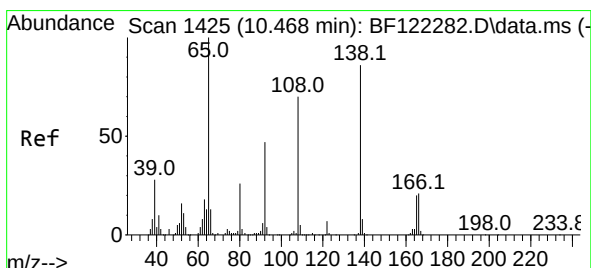
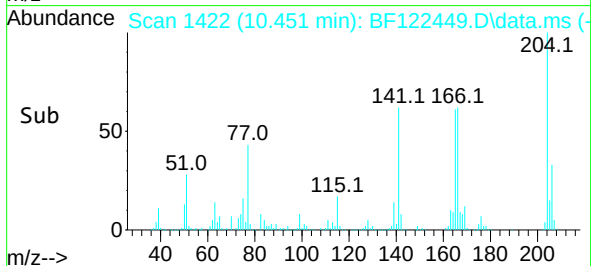
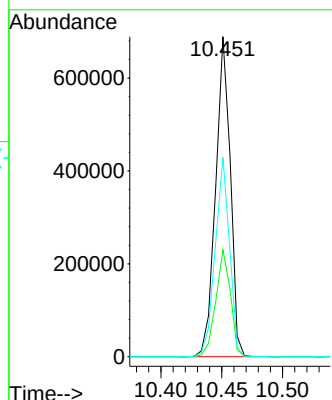
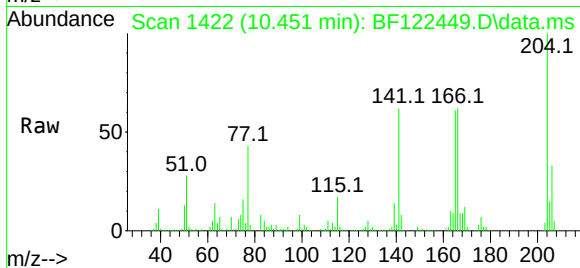




#61  
4-Chlorophenyl-phenylether  
Concen: 48.99 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

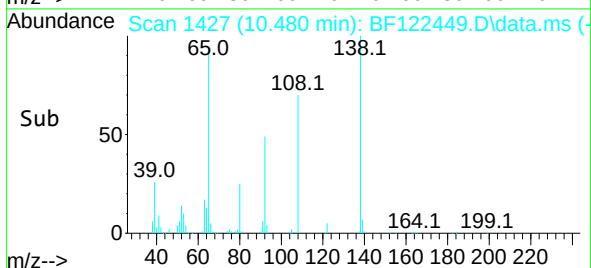
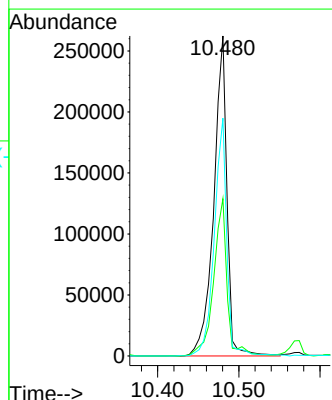
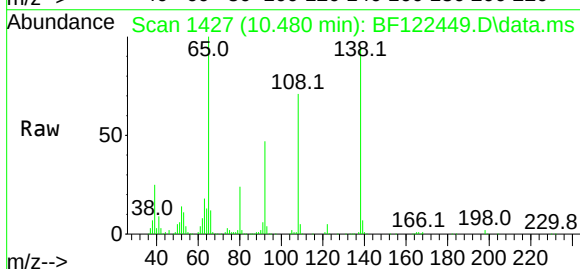
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

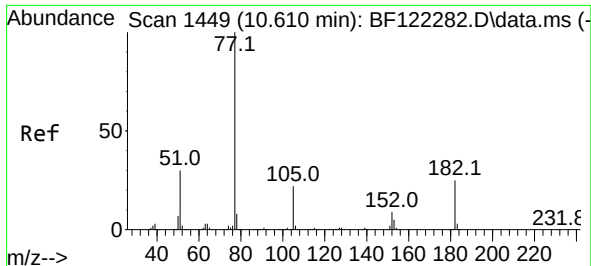
Tgt Ion:204 Resp: 578611  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.0 39.0  
141 62.3 46.2 69.4



#62  
4-Nitroaniline  
Concen: 45.56 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:138 Resp: 296742  
Ion Ratio Lower Upper  
138 100  
92 49.1 31.0 71.0  
108 74.3 51.5 91.5



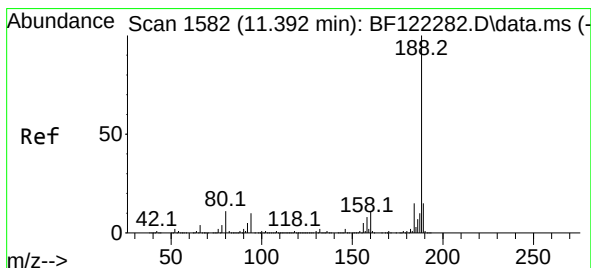
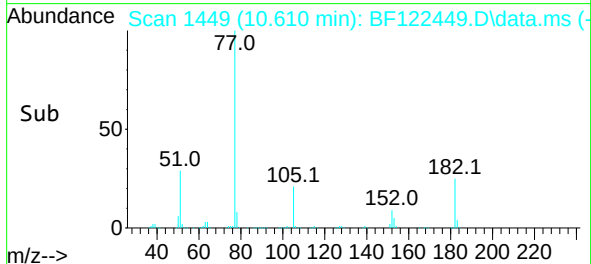
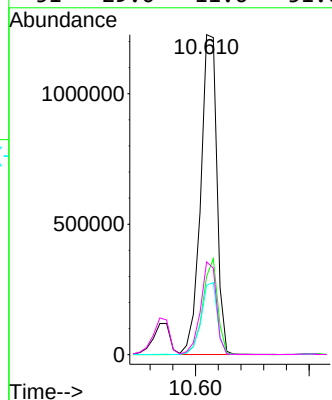
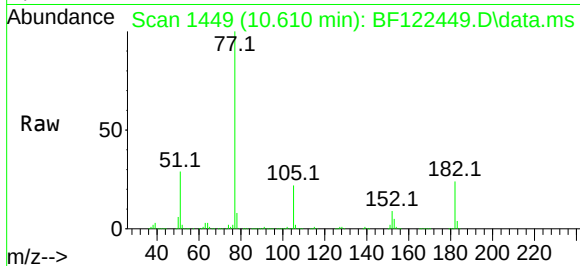


#63  
Azobenzene  
Concen: 44.83 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion: 77 Resp: 1216872

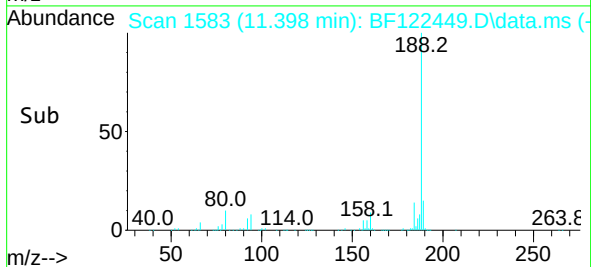
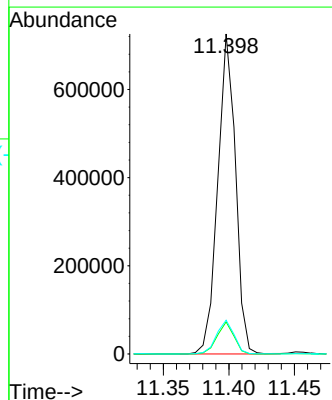
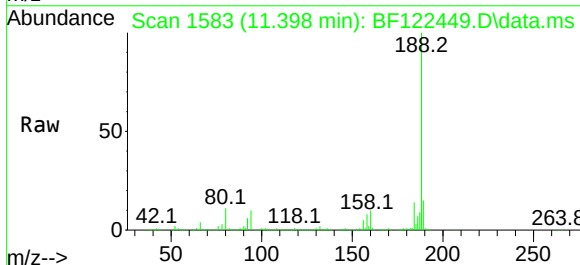
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.4  | 3.4   | 43.4  |
| 105 | 21.7  | 1.7   | 41.7  |
| 51  | 29.0  | 11.6  | 51.6  |

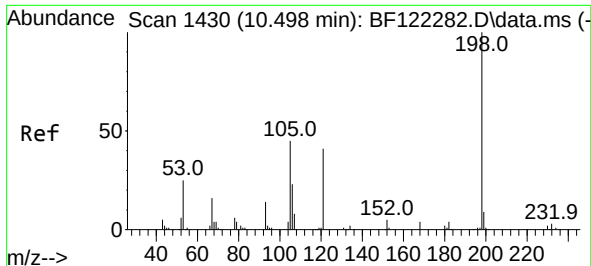


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion: 188 Resp: 681649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.0  | 8.3   | 12.5  |
| 80  | 10.6  | 9.1   | 13.7  |

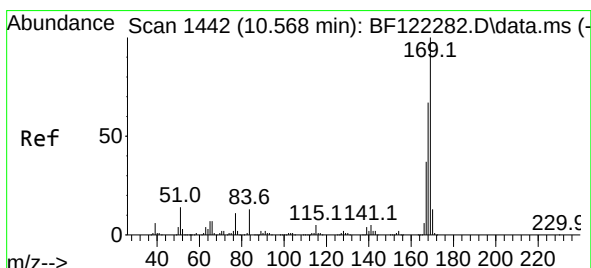
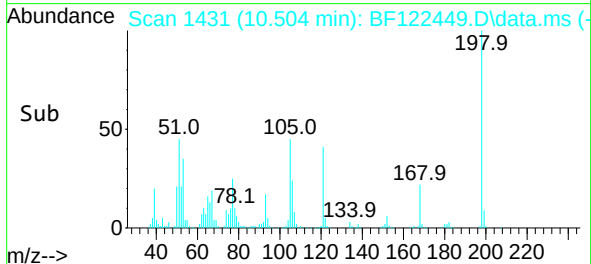
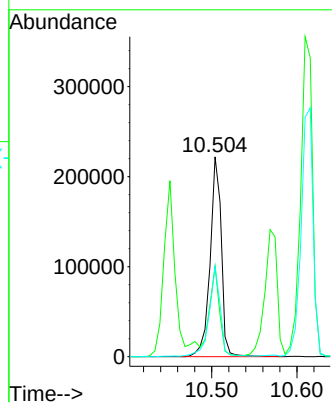
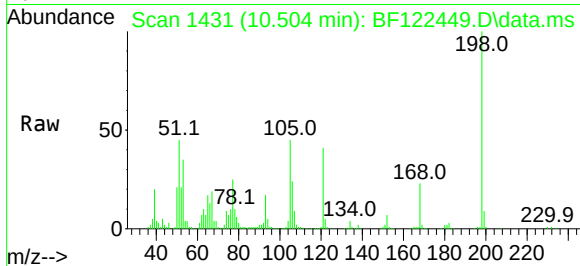




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.43 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

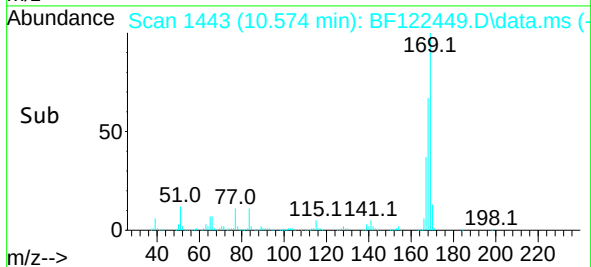
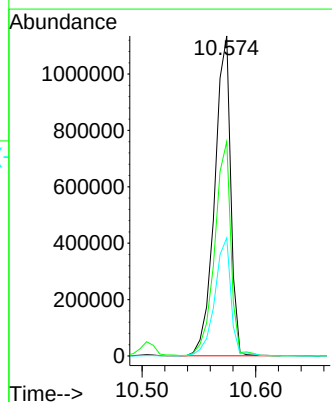
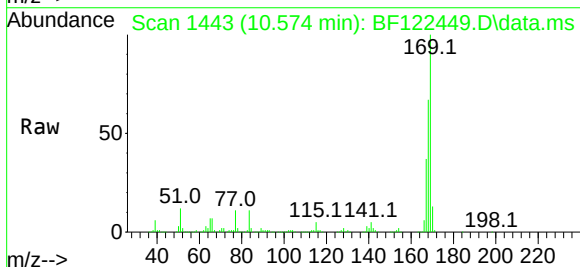
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

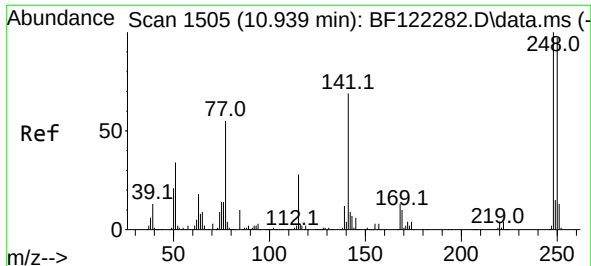
Tgt Ion:198 Resp: 203354  
Ion Ratio Lower Upper  
198 100  
51 45.3 29.6 69.6  
105 45.0 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 47.81 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:169 Resp: 1110429  
Ion Ratio Lower Upper  
169 100  
168 67.0 50.0 75.0  
167 36.9 27.8 41.6

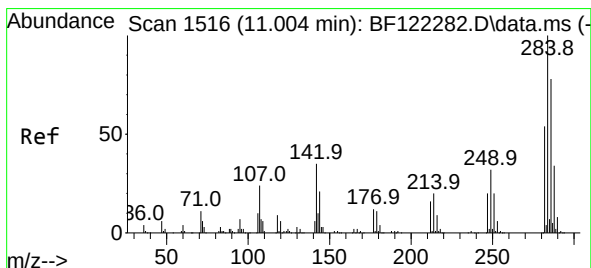
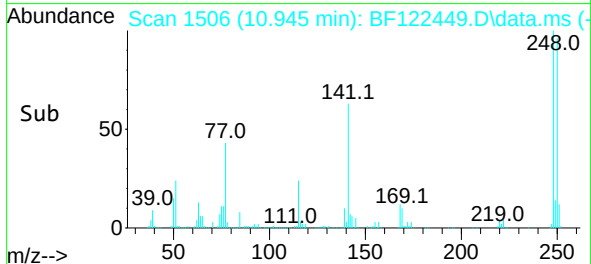
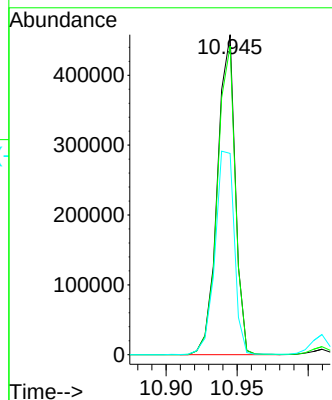
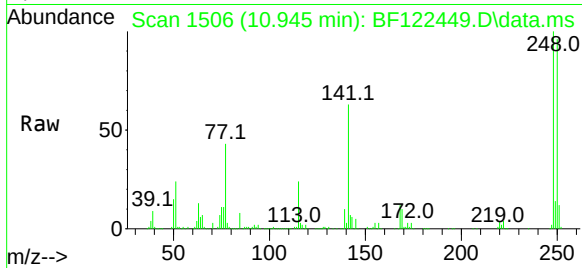




#67  
4-Bromophenyl-phenylether  
Concen: 49.83 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

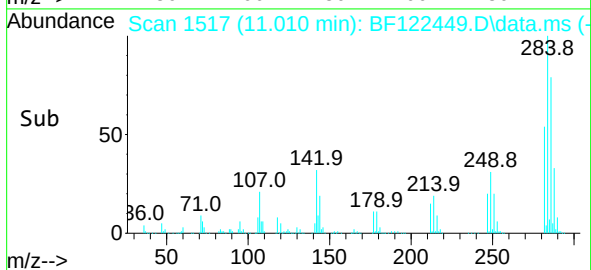
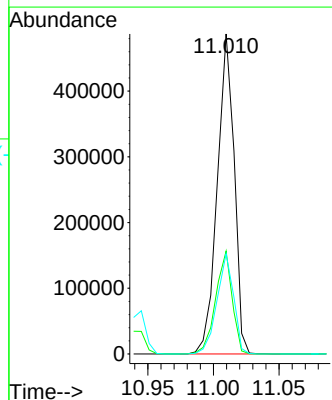
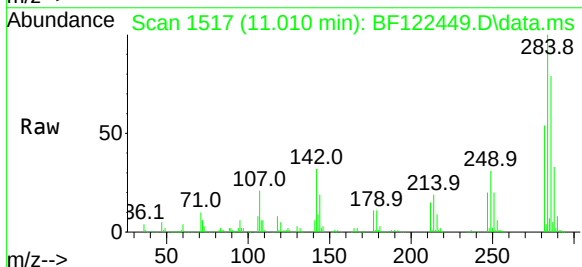
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

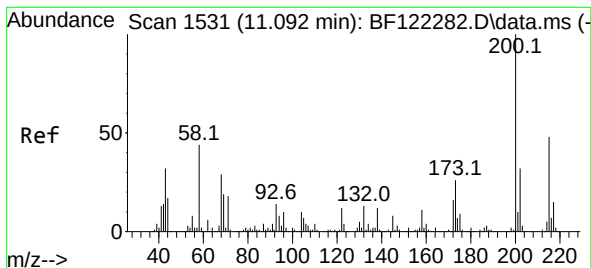
Tgt Ion:248 Resp: 399151  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.0 115.6  
141 62.9 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 50.31 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:284 Resp: 435366  
Ion Ratio Lower Upper  
284 100  
142 32.1 27.4 41.2  
249 31.3 24.2 36.4





#69

Atrazine

Concen: 51.52 ng

RT: 11.098 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion:200 Resp: 297996

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

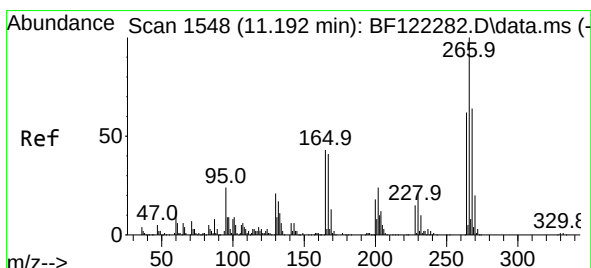
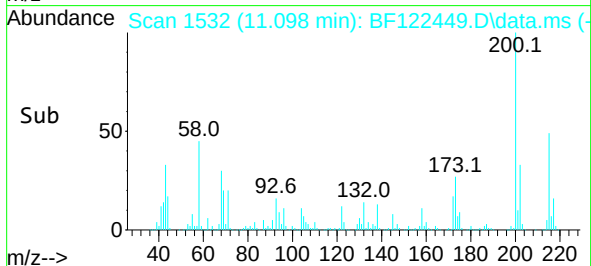
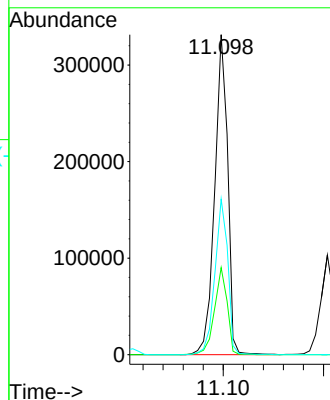
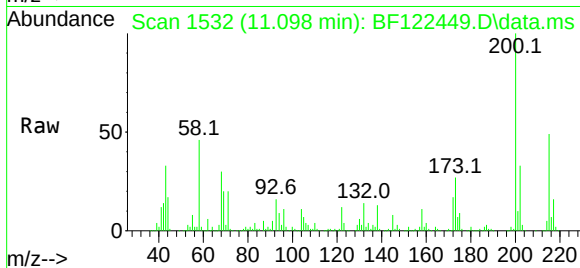
215 48.6 27.1 67.1

Instrument :

BNA\_F

ClientSampleId :

SB-08MSD



#70

Pentachlorophenol

Concen: 105.66 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

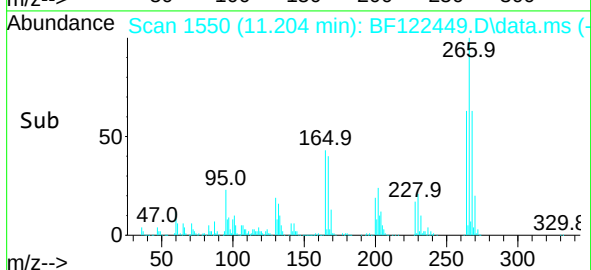
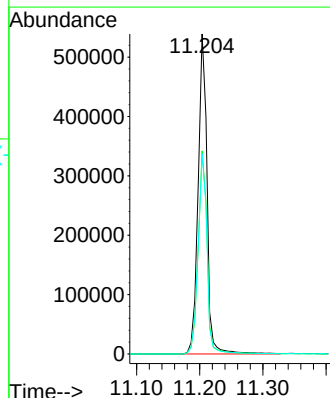
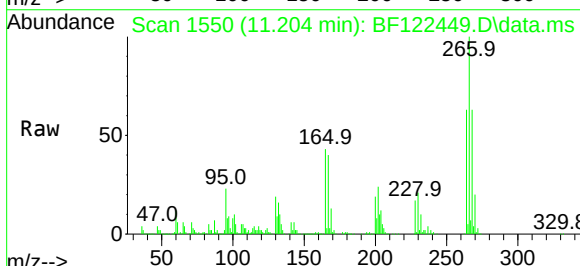
Tgt Ion:266 Resp: 526837

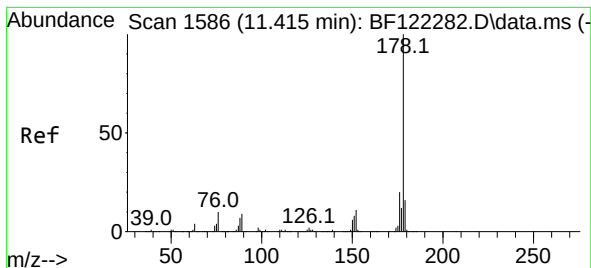
Ion Ratio Lower Upper

266 100

268 63.4 52.4 78.6

264 62.7 49.9 74.9





#71

Phenanthrene

Concen: 51.34 ng

RT: 11.427 min Scan# 1588

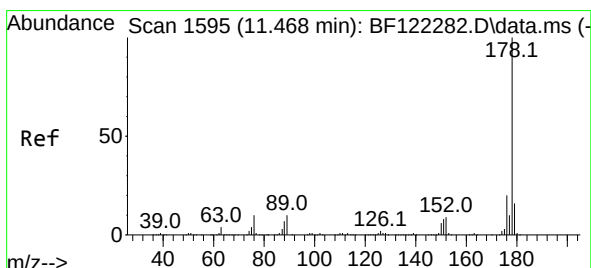
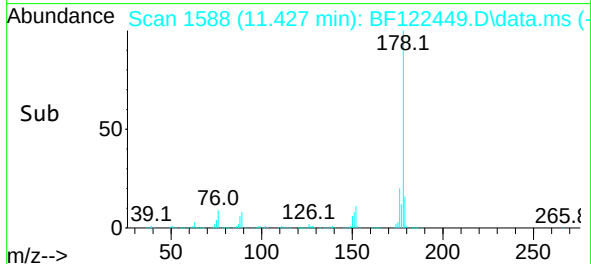
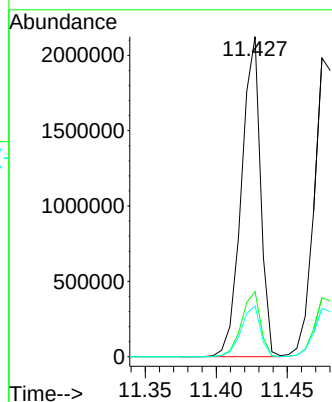
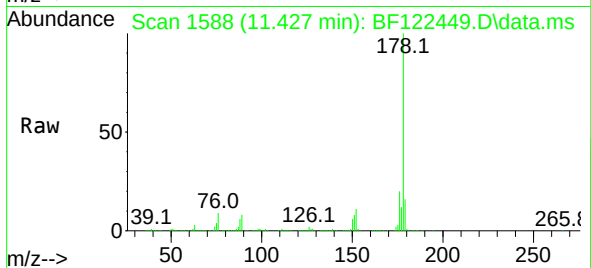
Delta R.T. -0.000 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion:178 Resp: 1985562

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.4  | 15.9  | 23.9  |
| 179 | 15.9  | 12.2  | 18.4  |



#72

Anthracene

Concen: 49.18 ng

RT: 11.474 min Scan# 1596

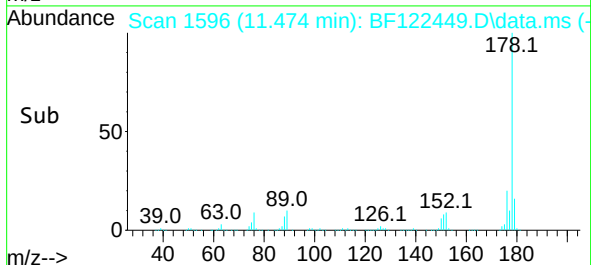
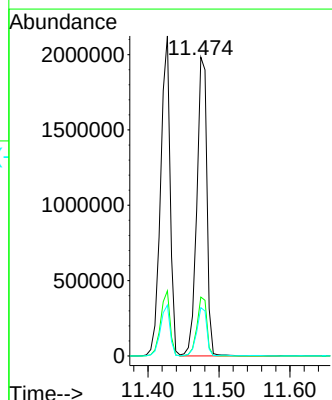
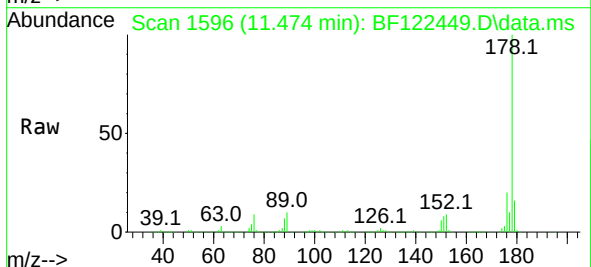
Delta R.T. -0.006 min

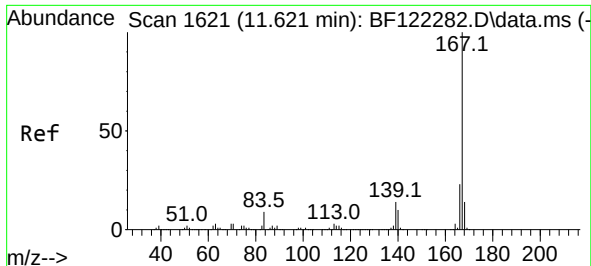
Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion:178 Resp: 1960181

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 15.7  | 23.5  |
| 179 | 16.2  | 12.7  | 19.1  |

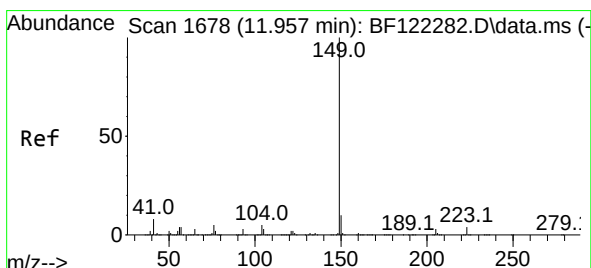
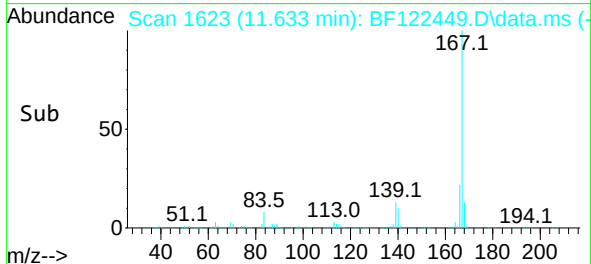
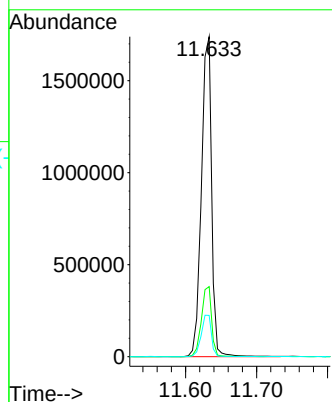
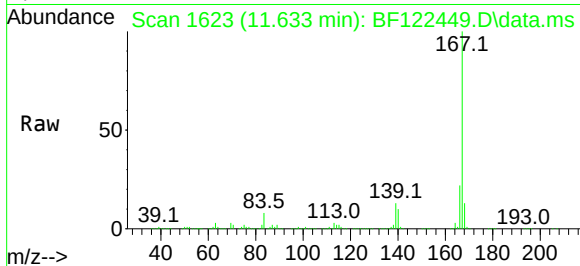




#73  
Carbazole  
Concen: 48.15 ng  
RT: 11.633 min Scan# 1623  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

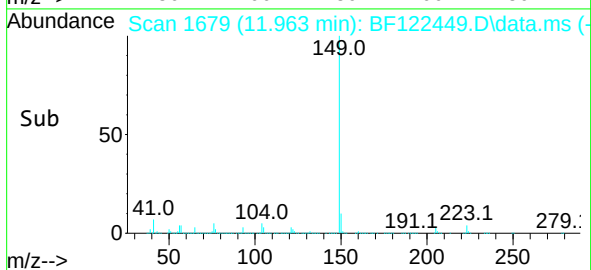
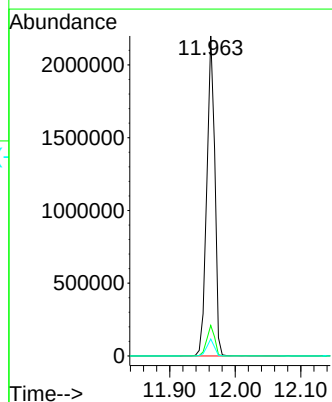
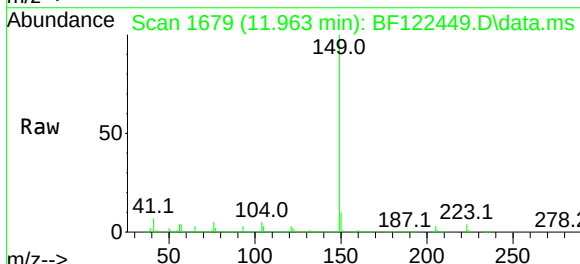
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion:167 Resp: 1746082  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.8 26.6  
139 12.9 10.8 16.2

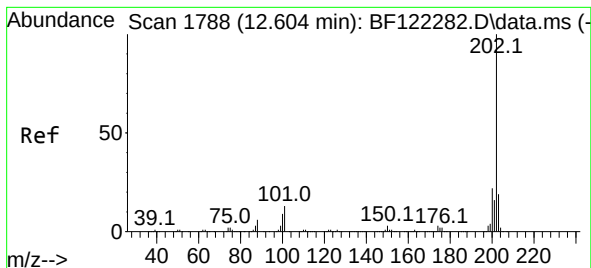


#74  
Di-n-butylphthalate  
Concen: 48.49 ng  
RT: 11.963 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:149 Resp: 1874503  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.7 11.5  
104 5.3 4.2 6.2



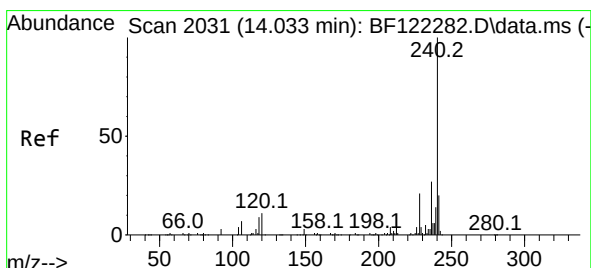
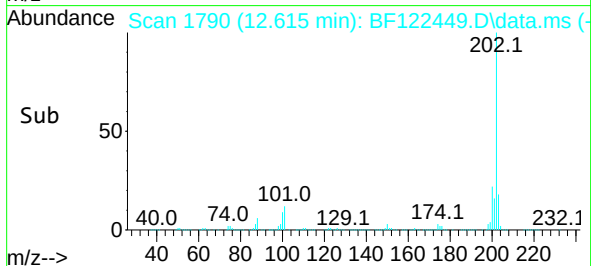
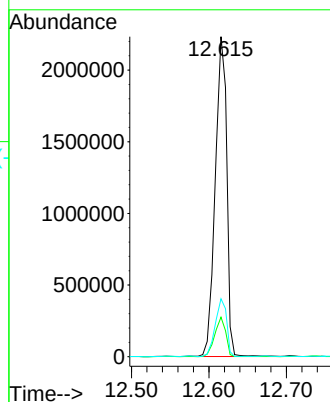
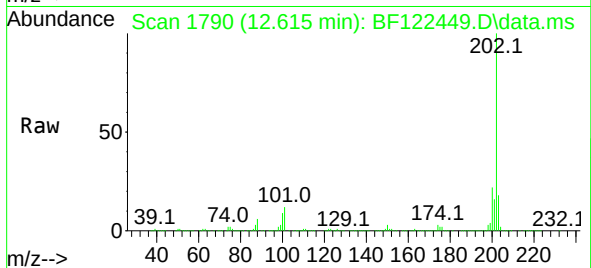




#75  
Fluoranthene  
Concen: 57.10 ng  
RT: 12.615 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

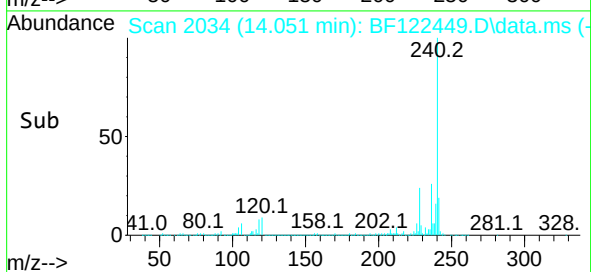
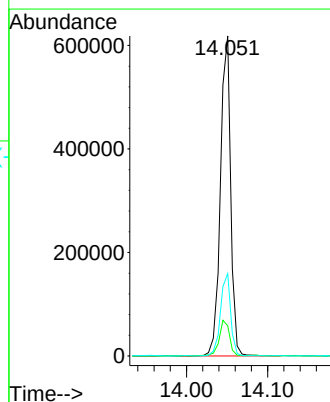
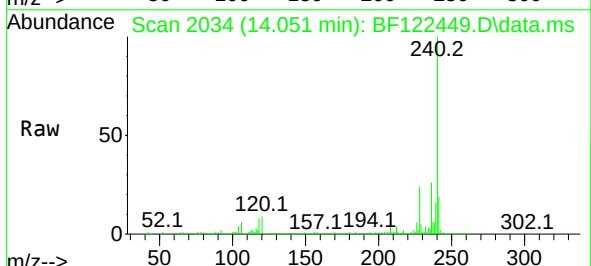
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

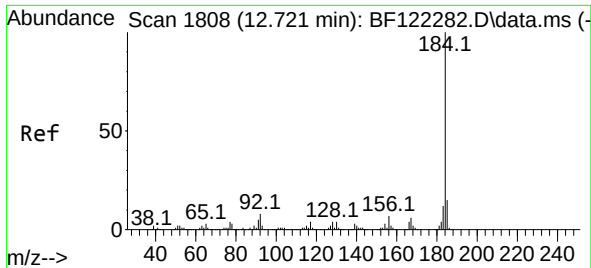
Tgt Ion:202 Resp: 2305396  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 33.4  
203 18.1 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:240 Resp: 545280  
Ion Ratio Lower Upper  
240 100  
120 9.4 9.2 13.8  
236 25.7 20.9 31.3

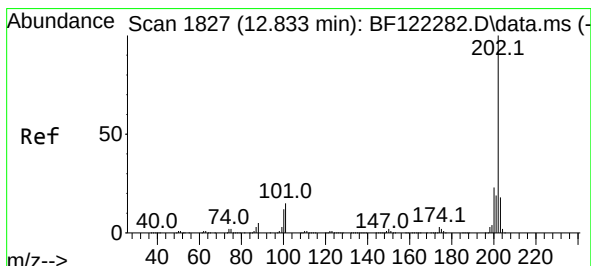
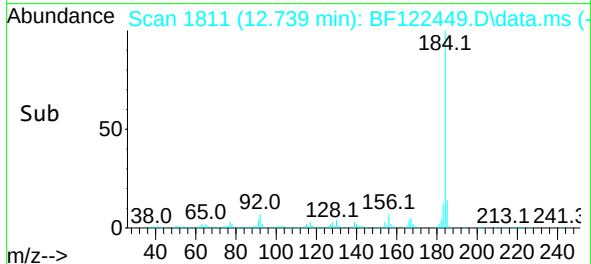
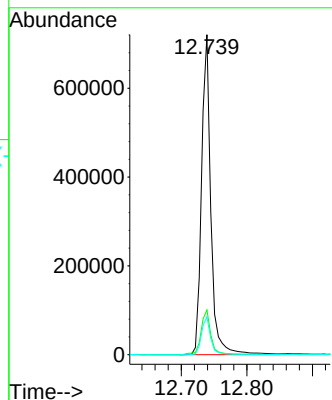
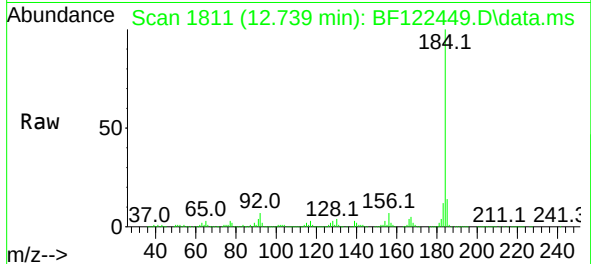




#77  
Benzidine  
Concen: 47.17 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

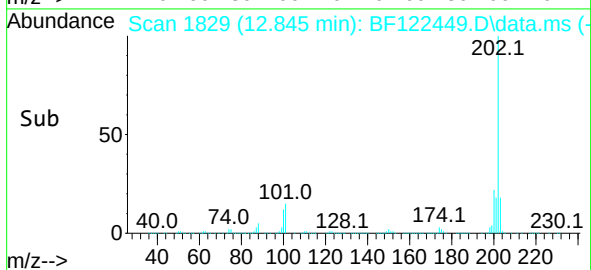
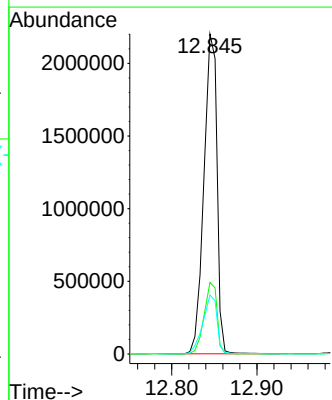
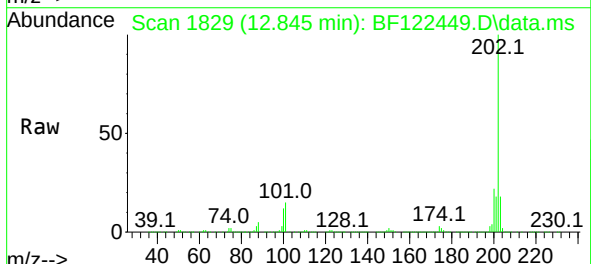
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

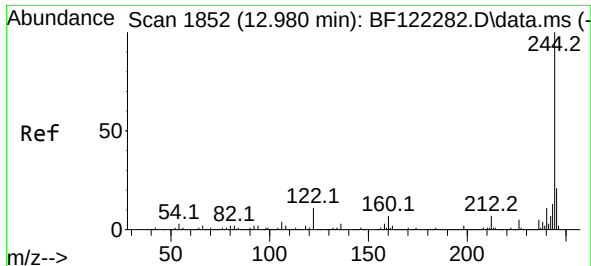
Tgt Ion:184 Resp: 713404  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.6 17.4  
183 11.8 9.4 14.0



#78  
Pyrene  
Concen: 61.31 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:202 Resp: 2348558  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.4 26.2  
203 18.5 14.6 21.8

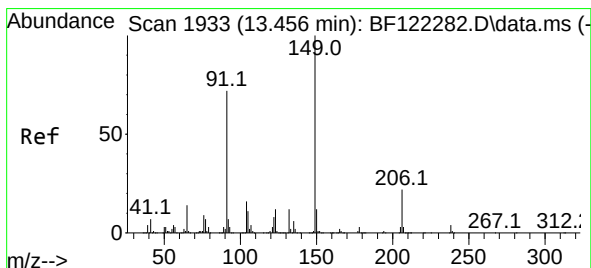
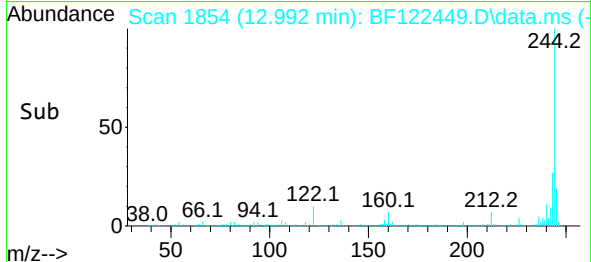
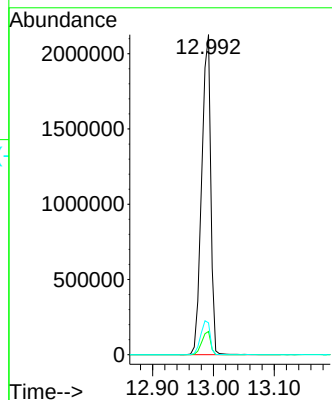
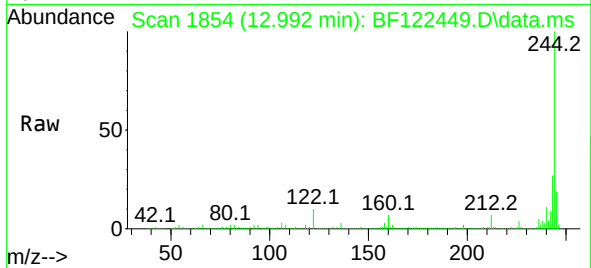




#79  
 Terphenyl-d14  
 Concen: 84.80 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.000 min  
 Lab File: BF122449.D  
 Acq: 23 Nov 2020 16:14

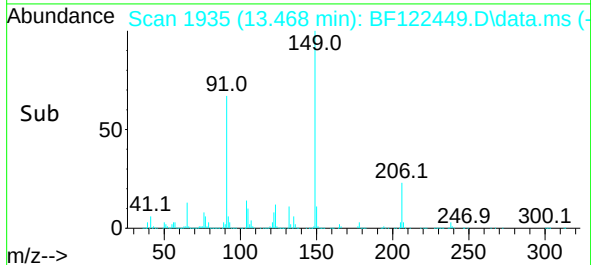
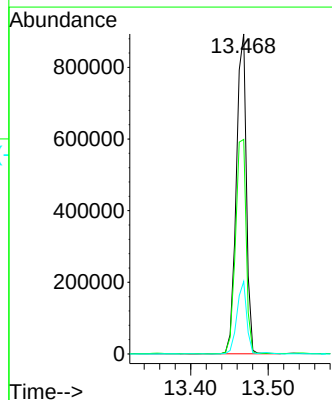
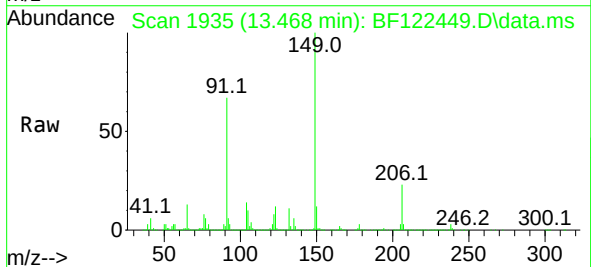
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-08MSD

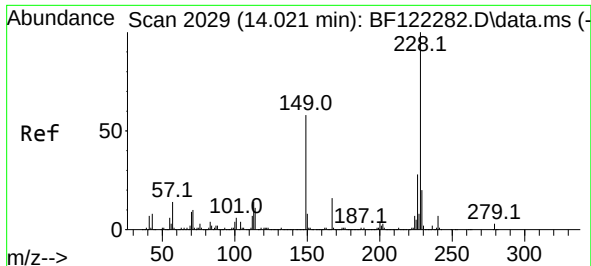
Tgt Ion:244 Resp: 2182750  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.2  
 122 10.0 8.1 12.1



#80  
 Butylbenzylphthalate  
 Concen: 52.27 ng  
 RT: 13.468 min Scan# 1935  
 Delta R.T. -0.000 min  
 Lab File: BF122449.D  
 Acq: 23 Nov 2020 16:14

Tgt Ion:149 Resp: 807767  
 Ion Ratio Lower Upper  
 149 100  
 91 67.0 61.0 91.4  
 206 22.7 16.7 25.1

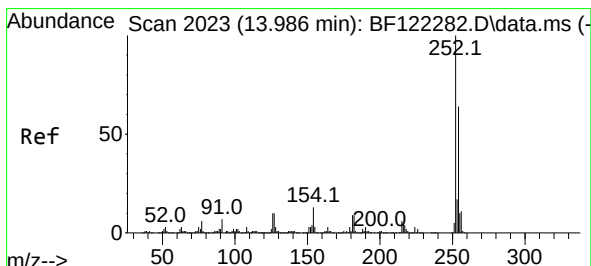
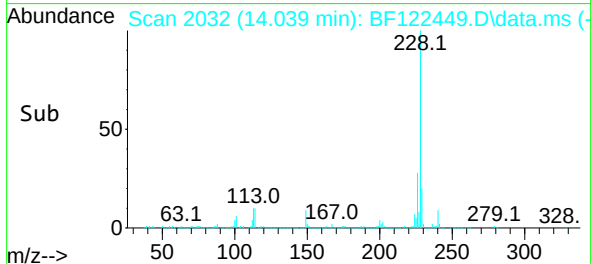
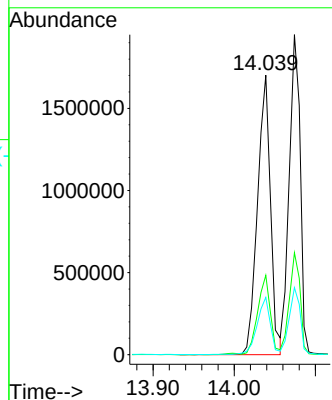
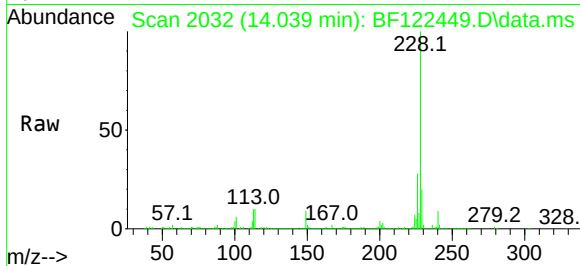




#81  
Benzo(a)anthracene  
Concen: 55.81 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

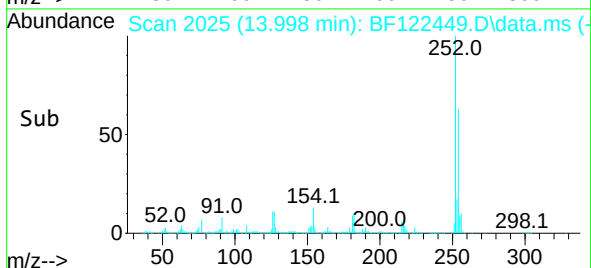
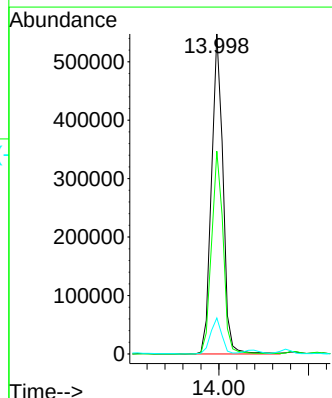
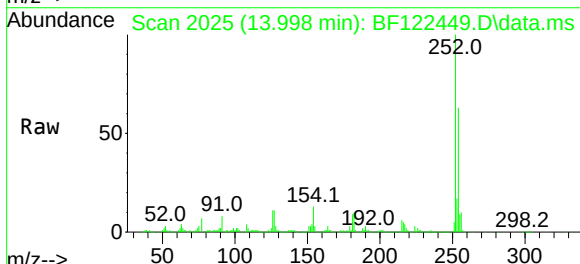
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

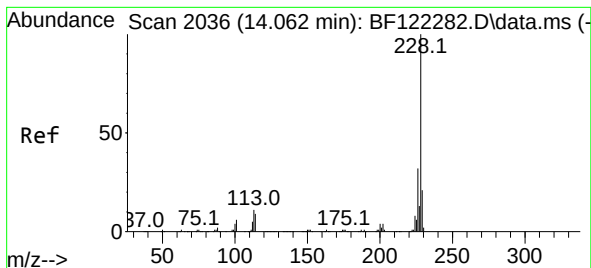
Tgt Ion:228 Resp: 1892666  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.5 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 38.50 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:252 Resp: 486543  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.8 77.6  
126 11.3 8.8 13.2





#83

Chrysene

Concen: 53.58 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

Tgt Ion:228 Resp: 1829991

Ion Ratio Lower Upper

228 100

226 31.8 24.6 37.0

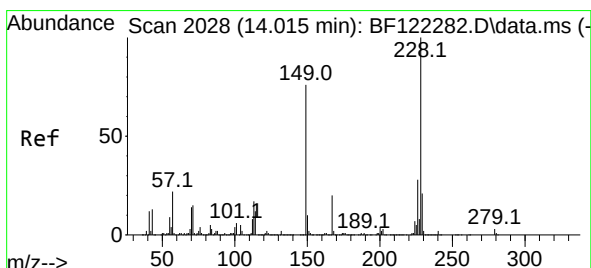
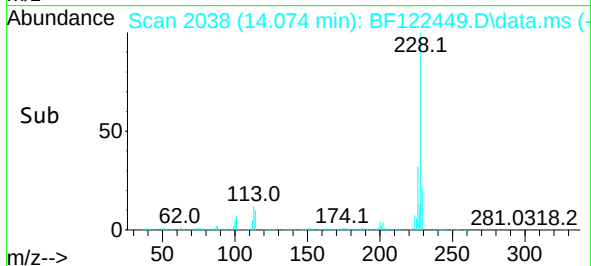
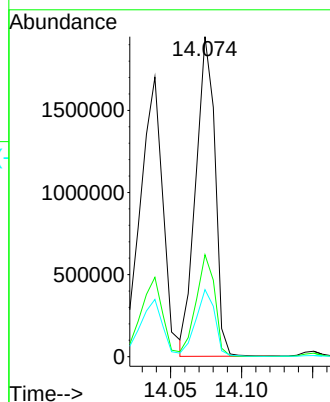
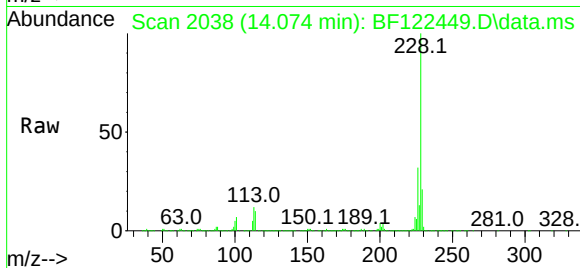
229 20.9 15.9 23.9

Instrument :

BNA\_F

ClientSampleId :

SB-08MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.40 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF122449.D

Acq: 23 Nov 2020 16:14

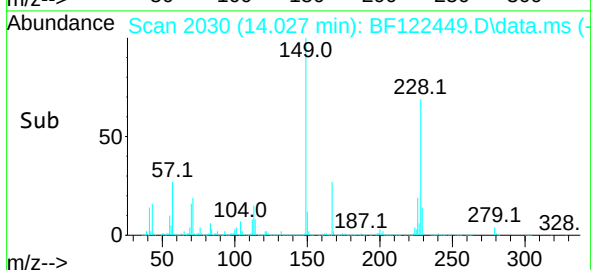
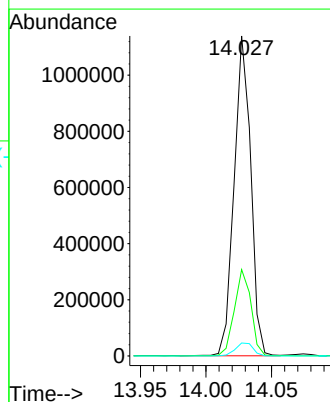
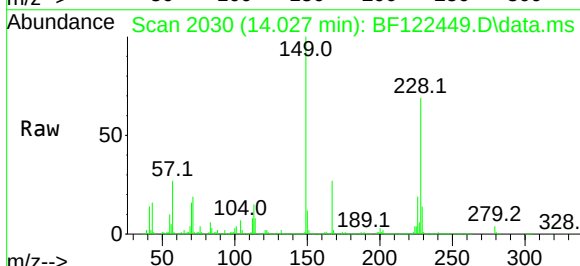
Tgt Ion:149 Resp: 1004879

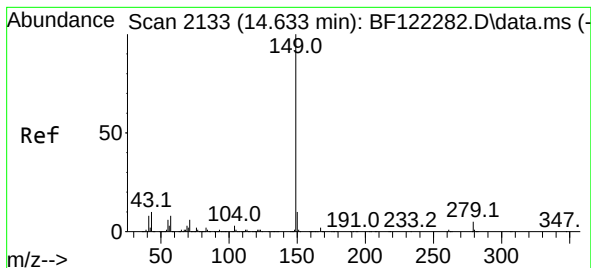
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 4.1 3.2 4.8

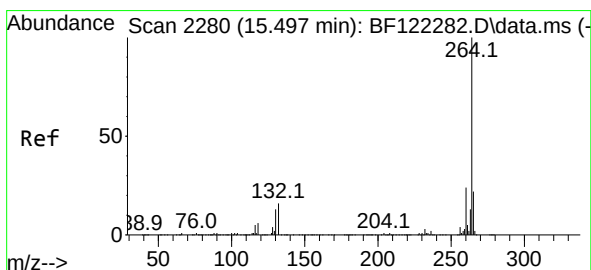
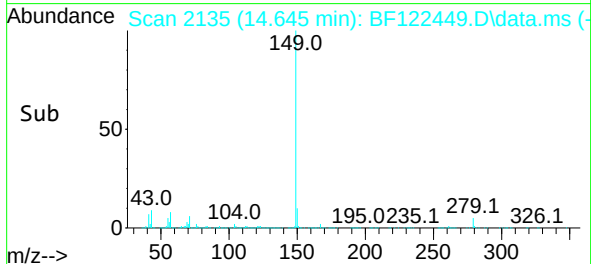
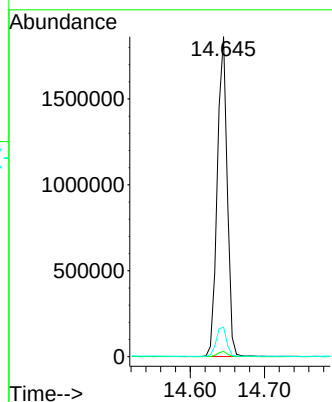
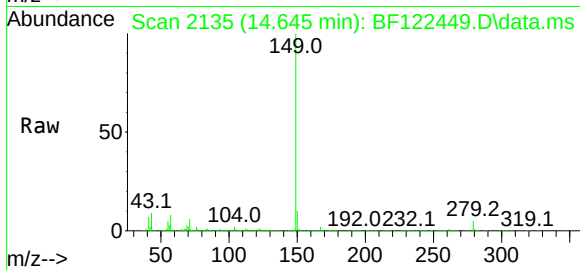




#85  
Di-n-octyl phthalate  
Concen: 55.05 ng  
RT: 14.645 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

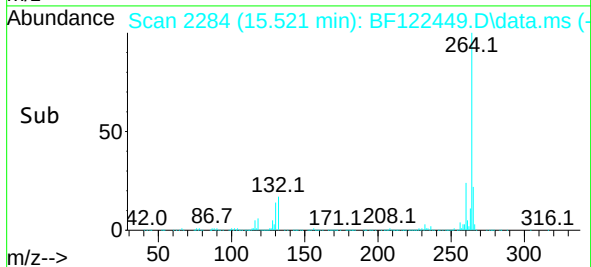
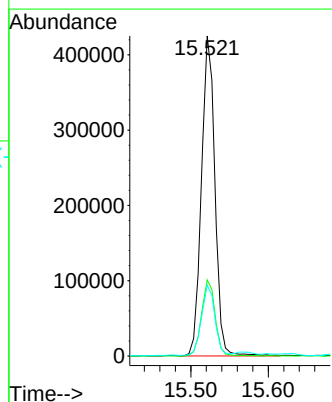
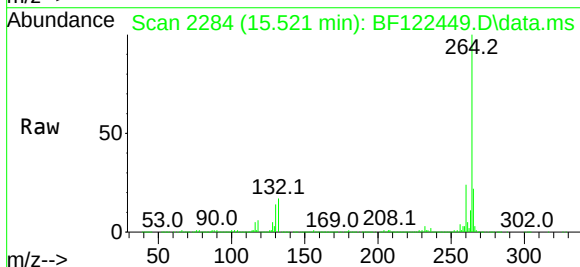
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

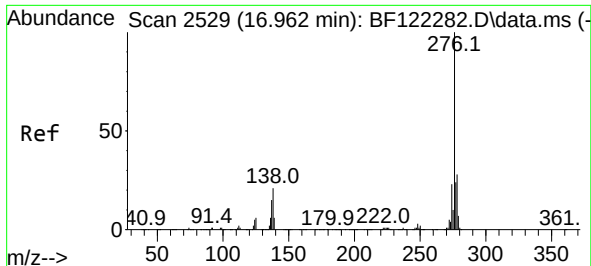
Tgt Ion:149 Resp: 1723285  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.6 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. -0.012 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:264 Resp: 513774  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 22.1 17.3 25.9

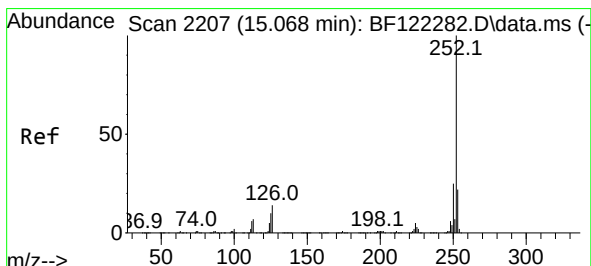
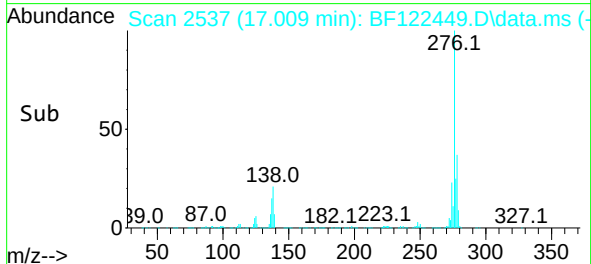
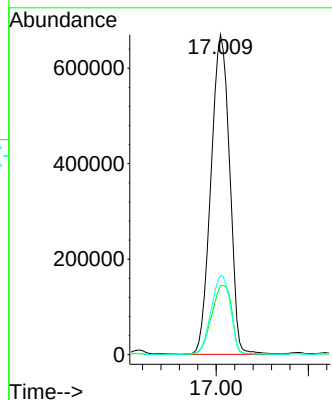
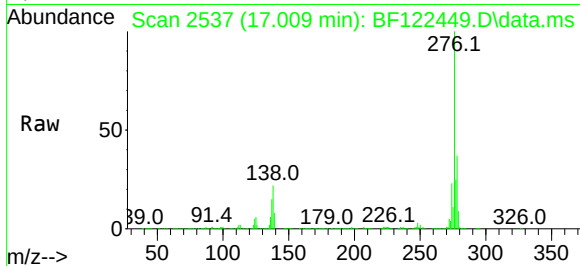




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 61.09 ng  
RT: 17.009 min Scan# 2537  
Delta R.T. -0.012 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

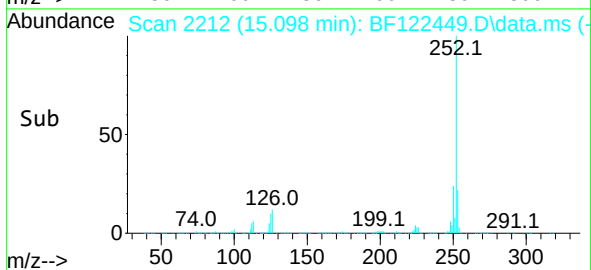
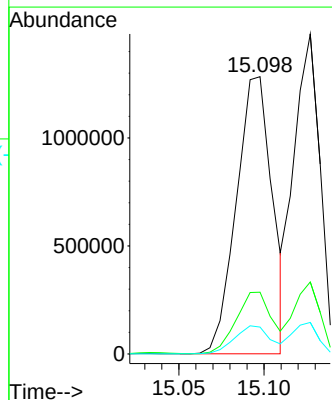
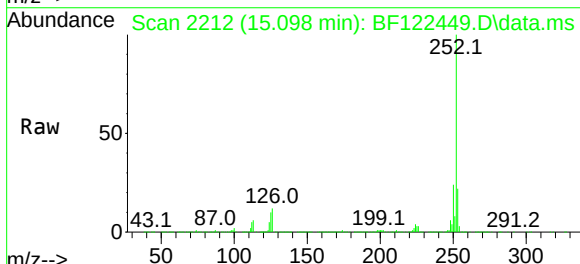
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

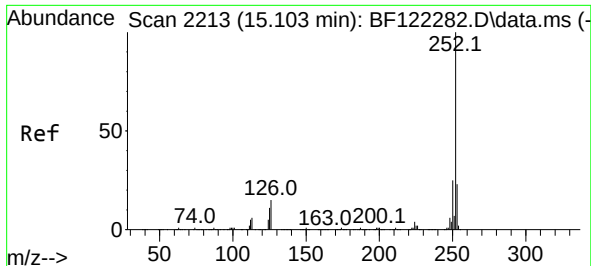
Tgt Ion:276 Resp: 1883393  
Ion Ratio Lower Upper  
276 100  
138 23.6 19.9 29.9  
277 25.6 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 56.49 ng  
RT: 15.098 min Scan# 2212  
Delta R.T. -0.000 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:252 Resp: 1879585  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.2  
125 9.7 8.0 12.0

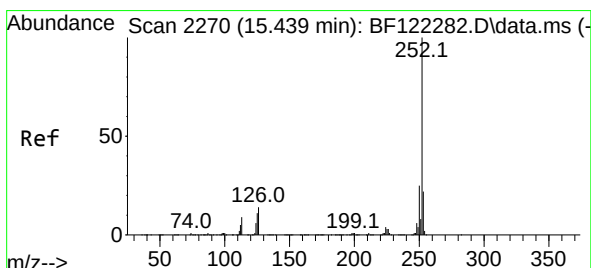
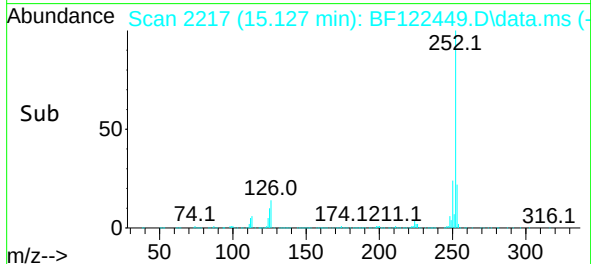
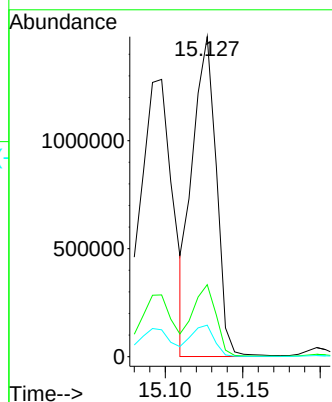
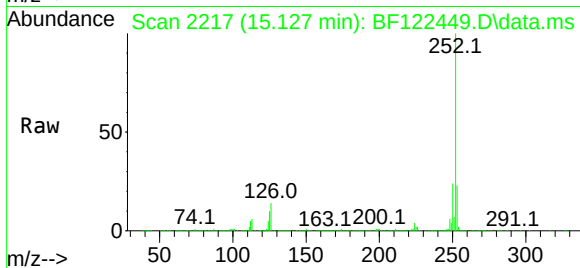




#89  
Benzo(k)fluoranthene  
Concen: 48.90 ng  
RT: 15.127 min Scan# 2217  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

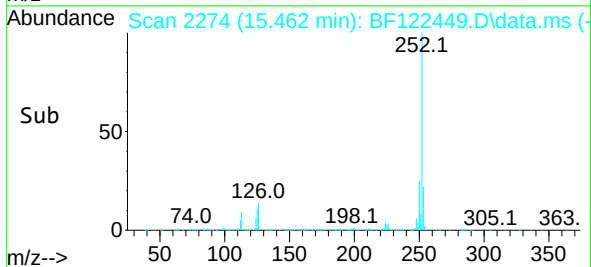
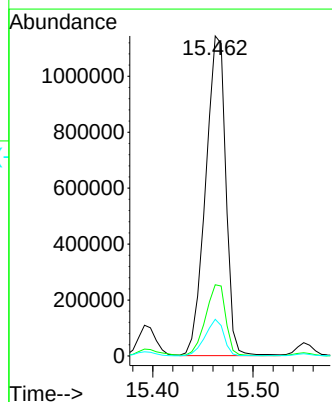
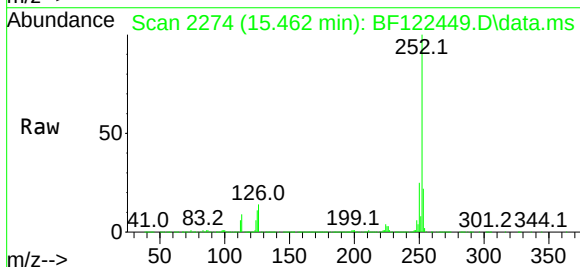
Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion:252 Resp: 1586703  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.6  
125 9.8 7.7 11.5

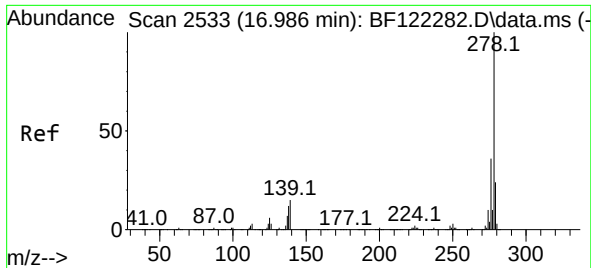


#90  
Benzo(a)pyrene  
Concen: 55.24 ng  
RT: 15.462 min Scan# 2274  
Delta R.T. -0.012 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:252 Resp: 1602472  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 11.5 8.6 13.0



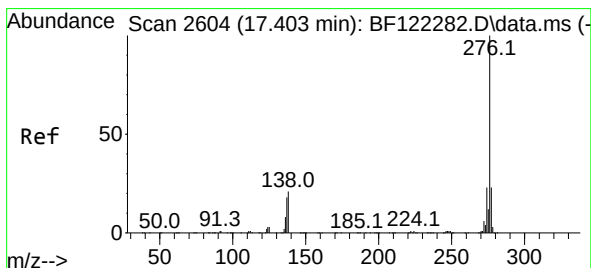
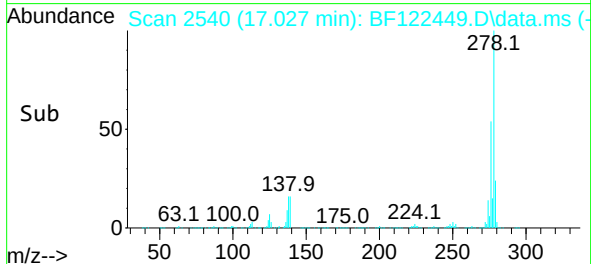
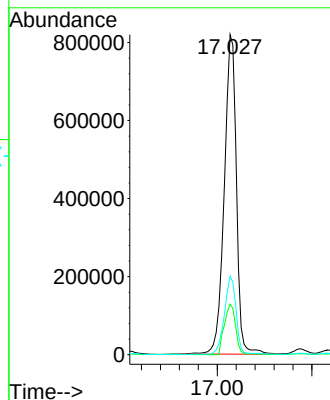
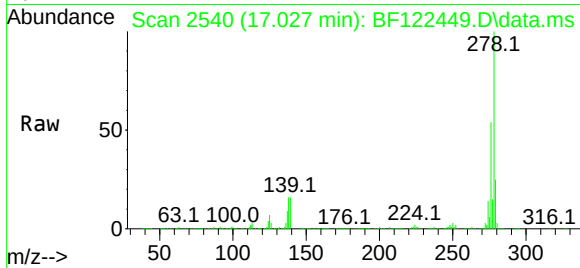




#91  
Dibenzo(a,h)anthracene  
Concen: 56.59 ng  
RT: 17.027 min Scan# 2540  
Delta R.T. -0.012 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
SB-08MSD

Tgt Ion:278 Resp: 1461315  
Ion Ratio Lower Upper  
278 100  
139 15.8 13.0 19.4  
279 24.5 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 65.49 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. -0.006 min  
Lab File: BF122449.D  
Acq: 23 Nov 2020 16:14

Tgt Ion:276 Resp: 1644609  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.4 29.2  
138 20.4 17.8 26.6

