

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\  
 Data File : BP001101.D  
 Acq On : 28 Nov 2019 01:36  
 Operator : JU  
 Sample : K5977-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 28 02:53:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 160042   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.36 | 136  | 626153   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.23 | 164  | 343779   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.62 | 188  | 639121   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.27 | 240  | 506408   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.04 | 264  | 544790   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 6.23  | 112  | 395657   | 41.02 | ng    | 0.00     |
| 7) Phenol-d6                | 7.77  | 99   | 1142656  | 88.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 796011   | 55.16 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.52 | 330  | 2891     | 0.88  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.15 | 172  | 1360957  | 57.94 | ng    | 0.00     |
| 79) Terphenyl-d14           | 17.91 | 244  | 1514598  | 55.33 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 2) 1,4-Dioxane                 | 2.58  | 88   | 58       | 0.013     | ng    | # 1    |
| 3) Pyridine                    | 3.42  | 79   | 114      | 0.009     | ng    | # 45   |
| 4) n-Nitrosodimethylamine      | 3.30  | 42   | 127      | 0.023     | ng    | # 1    |
| 6) Aniline                     | 7.80  | 93   | 2495     | 0.146     | ng    | # 92   |
| 8) 2-Chlorophenol              | 8.21  | 128  | 16       | 0.002     | ng    | # 84   |
| 9) Benzaldehyde                | 7.62  | 77   | 796      | Below Cal |       | 95     |
| 10) Phenol                     | 7.78  | 94   | 15180    | 1.038     | ng    | # 91   |
| 11) bis(2-Chloroethyl)ether    | 7.96  | 93   | 1248     | 0.110     | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 8.23  | 146  | 12       | 0.001     | ng    | # 67   |
| 13) 1,4-Dichlorobenzene        | 8.37  | 146  | 23       | 0.002     | ng    | # 21   |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146  | 176      | 0.016     | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.56  | 79   | 14346    | 1.360     | ng    | # 53   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.06  | 45   | 76       | 0.004     | ng    | # 63   |
| 17) 2-Methylphenol             | 8.73  | 107  | 59       | 0.006     | ng    | # 28   |
| 18) Hexachloroethane           | 9.16  | 117  | 96       | 0.019     | ng    | # 15   |
| 19) n-Nitroso-di-n-propylamine | 9.20  | 70   | 109727   | 11.832    | ng    | # 80   |
| 20) 3+4-Methylphenols          | 8.99  | 107  | 341      | 0.030     | ng    | # 66   |
| 22) Acetophenone               | 8.97  | 105  | 1030     | 0.056     | ng    | # 75   |
| 24) Nitrobenzene               | 9.20  | 77   | 2820     | 0.197     | ng    | # 47   |
| 25) Isophorone                 | 9.63  | 82   | 5666     | 0.219     | ng    | # 97   |
| 26) 2-Nitrophenol              | 9.76  | 139  | 13       | 0.002     | ng    | # 1    |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 10       | 0.001     | ng    | # 94   |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93   | 66       | 0.004     | ng    | # 9    |
| 29) 2,4-Dichlorophenol         | 10.13 | 162  | 14       | 0.001     | ng    | # 1    |
| 30) 1,2,4-Trichlorobenzene     | 10.29 | 180  | 9        | 0.001     | ng    | # 20   |
| 31) Naphthalene                | 10.39 | 128  | 9237     | 0.289     | ng    | # 98   |
| 32) Benzoic acid               | 10.03 | 122  | 34       | 0.006     | ng    | # 1    |
| 33) 4-Chloroaniline            | 10.49 | 127  | 799      | 0.058     | ng    | # 81   |
| 34) Hexachlorobutadiene        | 10.72 | 225  | 20       | 0.003     | ng    | # 96   |
| 35) Caprolactam                | 11.07 | 113  | 42       | 0.013     | ng    | # 1    |
| 36) 4-Chloro-3-methylphenol    | 11.30 | 107  | 46       | 0.004     | ng    | # 84   |
| 37) 2-Methylnaphthalene        | 11.52 | 142  | 4975     | 0.228     | ng    | # 91   |
| 38) 1-Methylnaphthalene        | 11.68 | 142  | 4572     | 0.222     | ng    | # 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.78 | 216  | 10       | 0.001     | ng    | # 1    |

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 Operator : JU  
 Sample : K5977-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

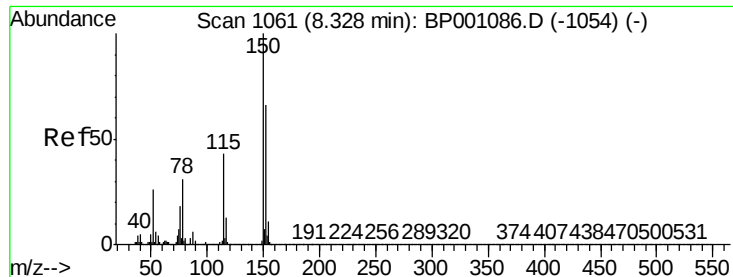
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 28 02:53:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.73 | 237  | 8        | 0.002  | ng    | 81       |
| 43) 2,4,6-Trichlorophenol      | 11.99 | 196  | 10       | 0.001  | ng #  | 1        |
| 44) 2,4,5-Trichlorophenol      | 12.05 | 196  | 11       | 0.002  | ng #  | 4        |
| 46) 1,1'-Biphenyl              | 12.30 | 154  | 4992     | 0.188  | ng    | 92       |
| 47) 2-Chloronaphthalene        | 12.32 | 162  | 24       | 0.001  | ng #  | 48       |
| 48) 2-Nitroaniline             | 12.45 | 65   | 61       | 0.007  | ng #  | 46       |
| 49) Acenaphthylene             | 12.99 | 152  | 10650    | 0.335  | ng #  | 93       |
| 50) Dimethylphthalate          | 12.81 | 163  | 263408   | 10.245 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.89 | 165  | 156      | 0.028  | ng #  | 44       |
| 52) Acenaphthene               | 13.27 | 154  | 10547    | 0.551  | ng    | 96       |
| 53) 3-Nitroaniline             | 13.17 | 138  | 20       | 0.003  | ng #  | 62       |
| 54) 2,4-Dinitrophenol          | 13.32 | 184  | 18       | 7.116  | ng #  | 1        |
| 55) Dibenzofuran               | 13.56 | 168  | 8541     | 0.297  | ng    | 98       |
| 56) 4-Nitrophenol              | 13.49 | 139  | 111      | 0.025  | ng #  | 30       |
| 57) 2,4-Dinitrotoluene         | 13.53 | 165  | 19       | 0.003  | ng #  | 57       |
| 58) Fluorene                   | 14.12 | 166  | 9740     | 0.423  | ng #  | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.77 | 232  | 21       | 0.003  | ng #  | 1        |
| 60) Diethylphthalate           | 13.97 | 149  | 685      | 0.026  | ng #  | 88       |
| 61) 4-Chlorophenyl-phenylether | 14.13 | 204  | 13       | 0.001  | ng #  | 1        |
| 62) 4-Nitroaniline             | 12.60 | 138  | 27       | 0.004  | ng    | 92       |
| 63) Azobenzene                 | 14.32 | 77   | 170      | 0.006  | ng    | 85       |
| 65) 4,6-Dinitro-2-methylphenol | 14.20 | 198  | 12       | 6.280  | ng #  | 1        |
| 66) n-Nitrosodiphenylamine     | 14.25 | 169  | 354      | 0.018  | ng    | 93       |
| 67) 4-Bromophenyl-phenylether  | 14.95 | 248  | 29       | 0.004  | ng #  | 1        |
| 68) Hexachlorobenzene          | 15.02 | 284  | 10       | 0.001  | ng #  | 1        |
| 69) Atrazine                   | 15.24 | 200  | 27       | 0.005  | ng    | 77       |
| 70) Pentachlorophenol          | 15.12 | 266  | 14       | 0.004  | ng    | 94       |
| 71) Phenanthrene               | 15.66 | 178  | 225784   | 6.720  | ng    | 99       |
| 72) Anthracene                 | 15.73 | 178  | 41837    | 1.263  | ng    | 98       |
| 73) Carbazole                  | 15.98 | 167  | 16738    | 0.555  | ng    | 97       |
| 74) Di-n-butylphthalate        | 16.54 | 149  | 2241     | 0.055  | ng #  | 85       |
| 75) Fluoranthene               | 17.37 | 202  | 380203   | 10.688 | ng    | 99       |
| 77) Benzidine                  | 17.57 | 184  | 204      | 0.016  | ng #  | 1        |
| 78) Pyrene                     | 17.67 | 202  | 375862   | 9.423  | ng    | 99       |
| 80) Butylbenzylphthalate       | 18.56 | 149  | 1617     | 0.088  | ng #  | 79       |
| 81) Benzo(a)anthracene         | 19.25 | 228  | 186917   | 5.324  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 19.23 | 252  | 855      | 0.074  | ng #  | 73       |
| 83) Chrysene                   | 19.30 | 228  | 173956   | 5.533  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 19.26 | 149  | 1357     | 0.054  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 20.09 | 149  | 340      | 0.008  | ng #  | 65       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.68 | 276  | 94287    | 2.545  | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 20.55 | 252  | 274348   | 8.245  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 20.55 | 252  | 274348   | 8.560  | ng    | 100      |
| 90) Benzo(a)pyrene             | 20.97 | 252  | 150877   | 4.923  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 22.89 | 278  | 19895    | 0.663  | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 23.17 | 276  | 94698    | 3.197  | ng    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

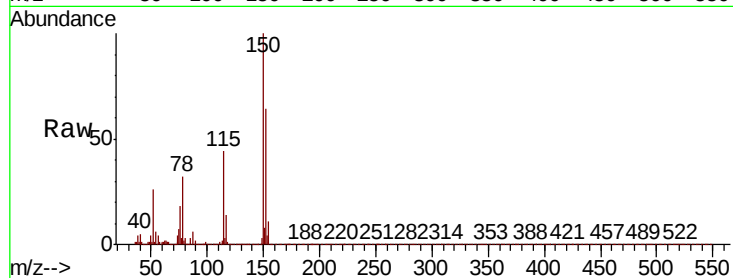
Tot Ion:152 Resp: 160042

Ion Ratio Lower Upper

152 100

150 155.6 120.6 181.0

115 68.2 51.6 77.4

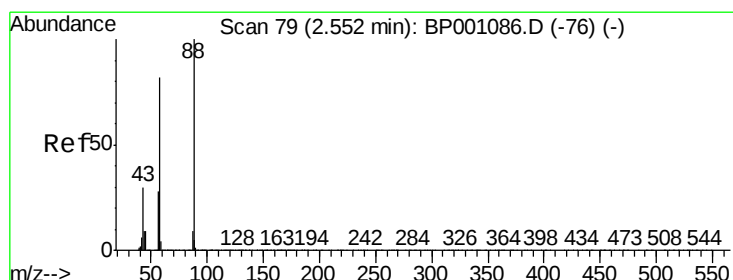
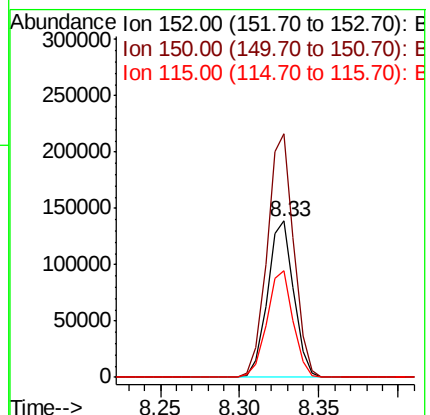
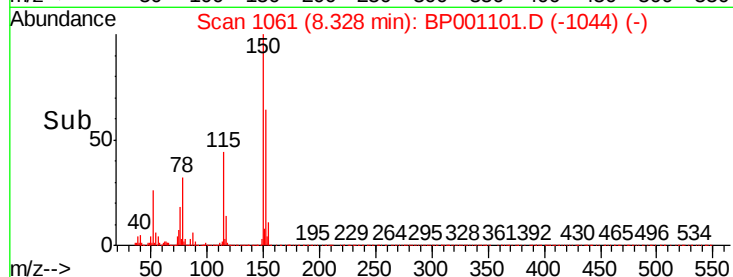


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.013 ng

RT: 2.58 min Scan# 83

Delta R.T. 0.02 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

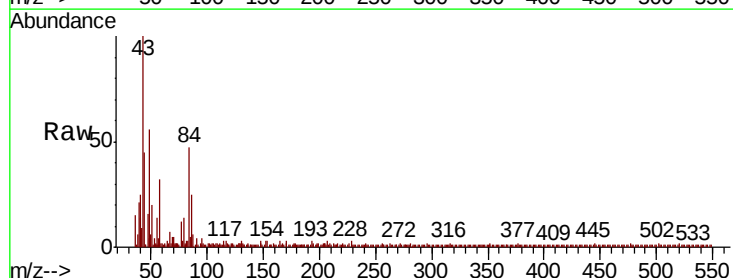
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

58 0.0 64.3 96.5#

43 212.1 23.8 35.6#

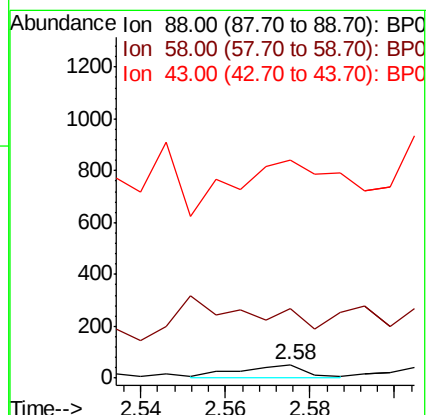
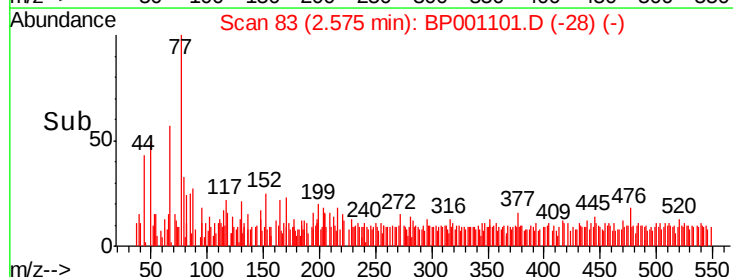


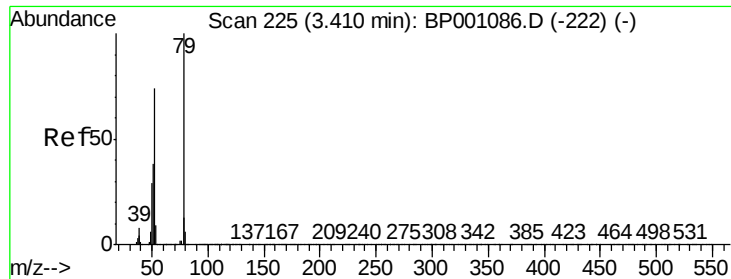
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 0.009 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

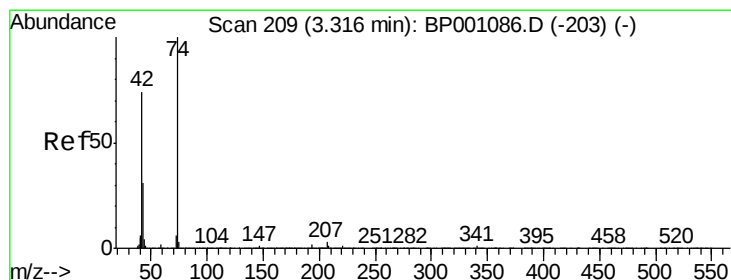
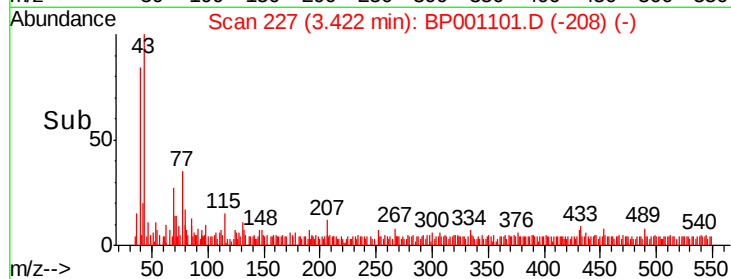
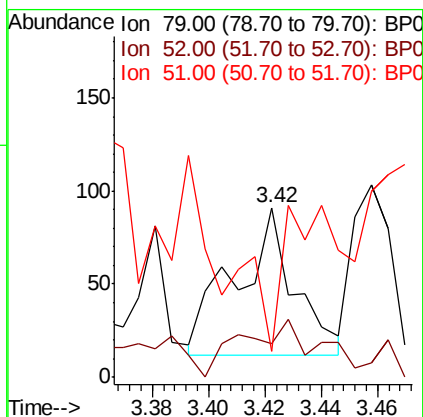
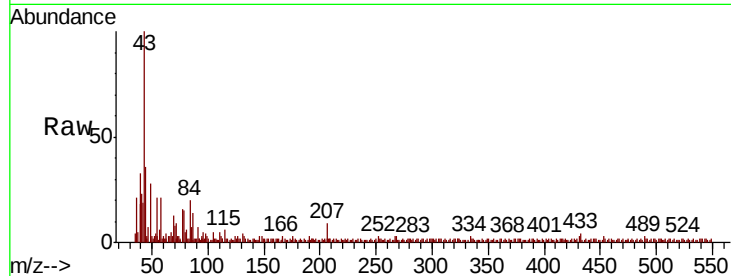
Tot Ion: 79 Resp: 114

Ion Ratio Lower Upper

79 100

52 19.8 59.4 89.2#

51 15.4 30.2 45.4#



#4

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

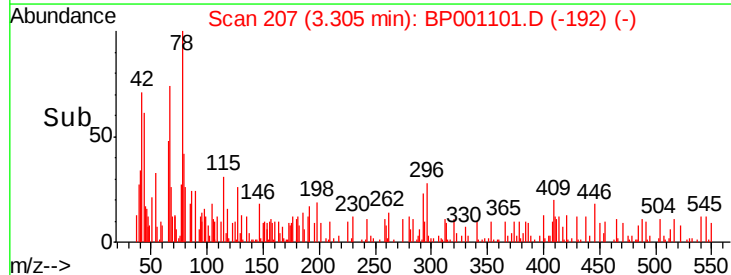
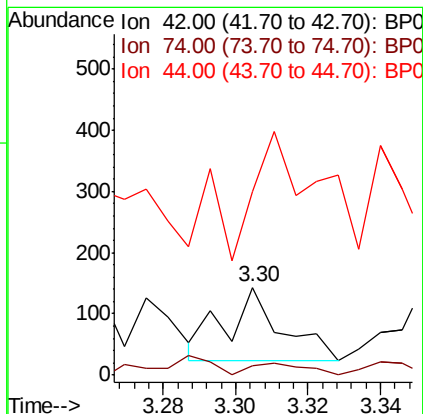
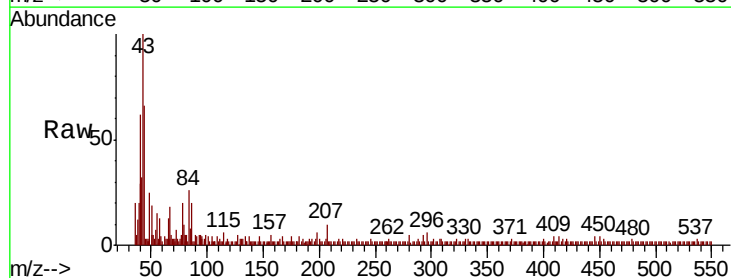
Tgt Ion: 42 Resp: 127

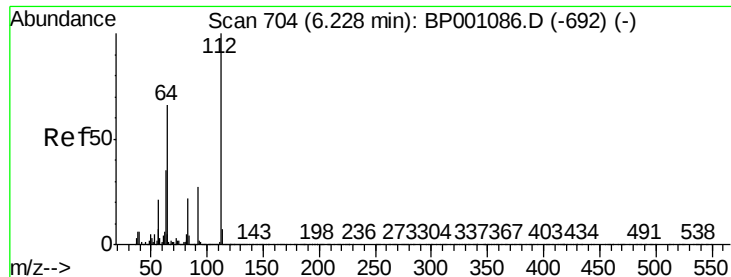
Ion Ratio Lower Upper

42 100

74 10.5 108.6 163.0#

44 209.1 5.1 7.7#





#5

2-Fluorophenol

Concen: 41.016 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001101.D

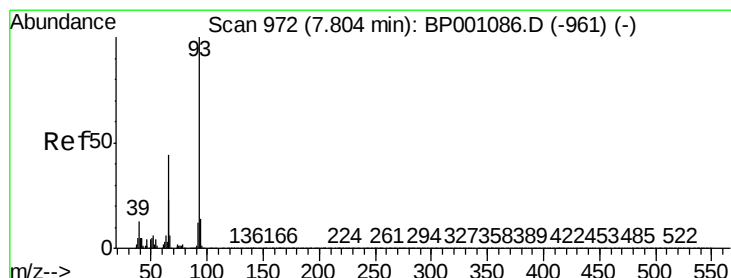
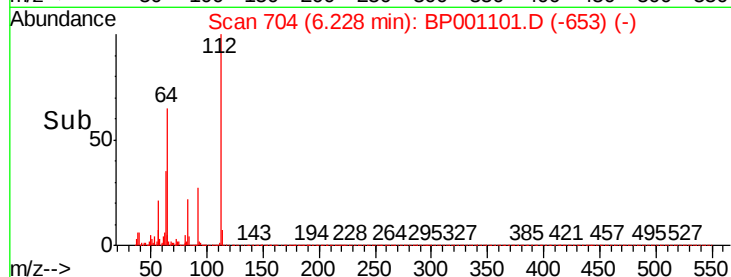
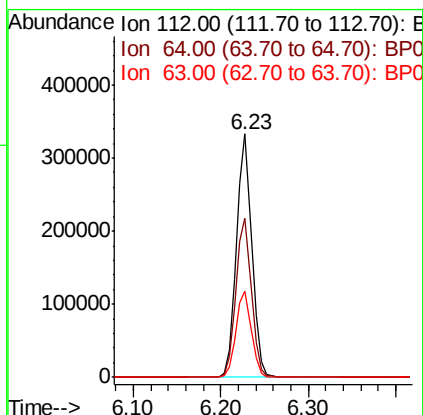
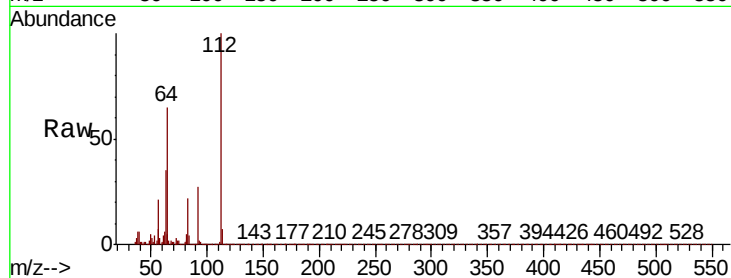
Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 395657 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 65.3  | 52.8  | 79.2   |
| 63       | 35.2  | 28.2  | 42.2   |



#6

Aniline

Concen: 0.146 ng

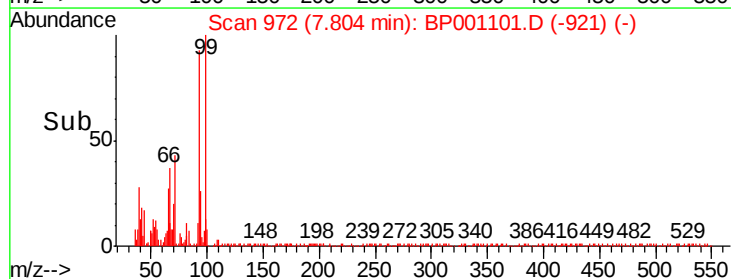
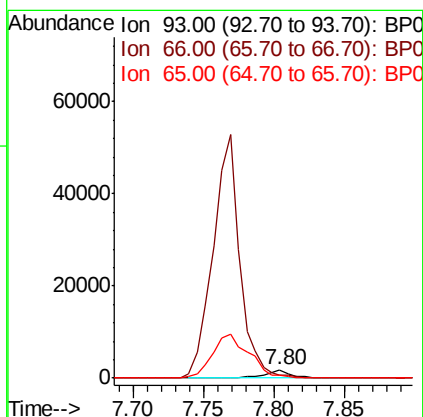
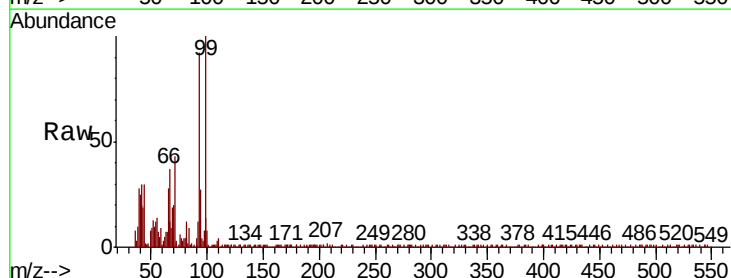
RT: 7.80 min Scan# 972

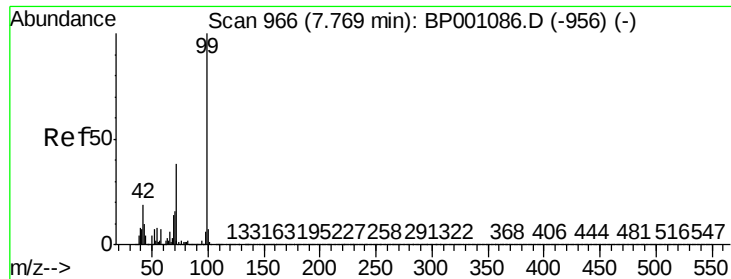
Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2495  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 40.6  | 34.9  | 52.3  |
| 65       | 30.2  | 18.5  | 27.7  |





#7

Phenol-d6

Concen: 88.913 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

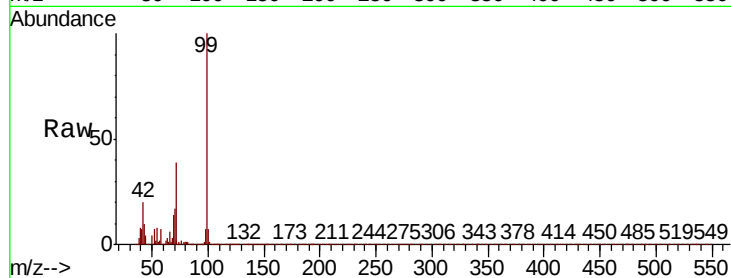
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 1142656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.5  | 15.4  | 23.0  |
| 71  | 38.6  | 30.8  | 46.2  |

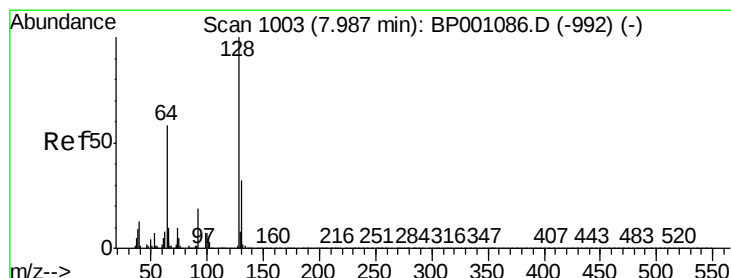
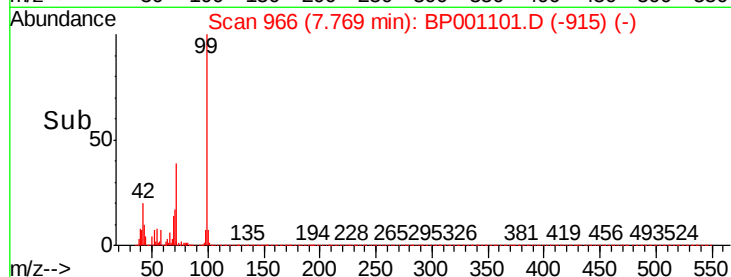
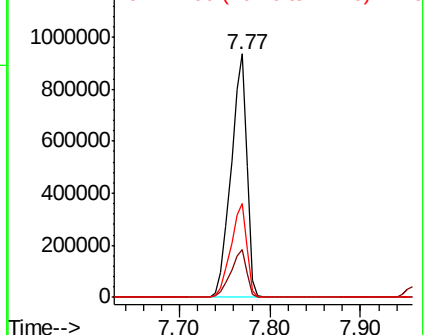


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 0.002 ng

RT: 8.21 min Scan# 1041

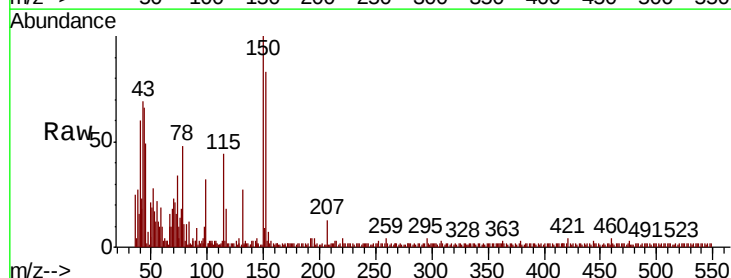
Delta R.T. 0.22 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Tgt Ion:128 Resp: 16

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 22.9  | 11.7  | 51.7  |
| 64  | 71.4  | 39.7  | 79.7  |

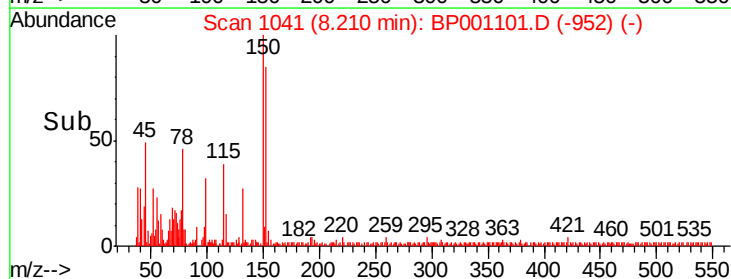
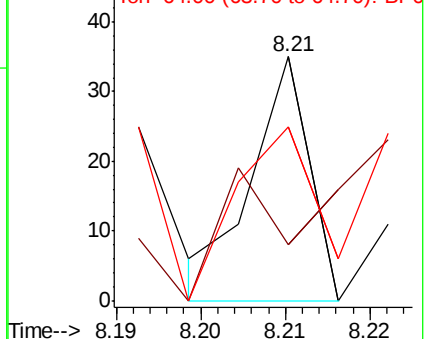


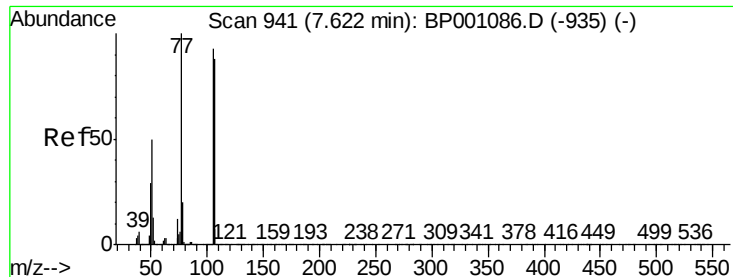
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

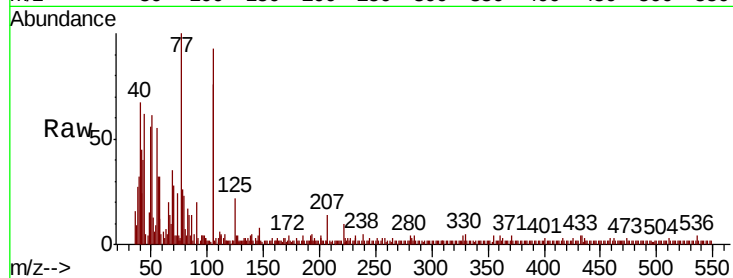
Tot Ion: 77 Resp: 796

Ion Ratio Lower Upper

77 100

105 93.1 72.5 112.5

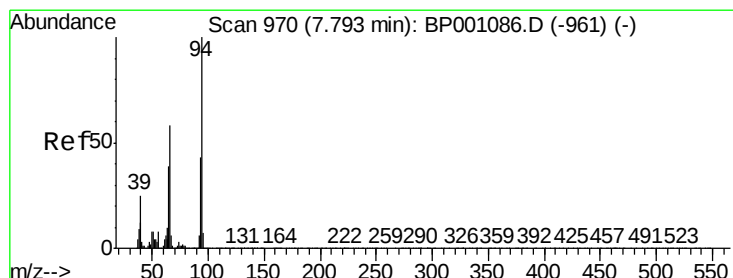
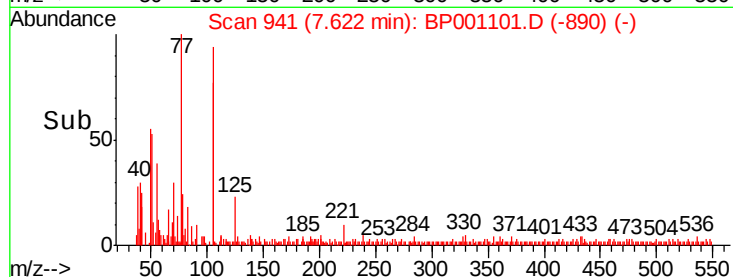
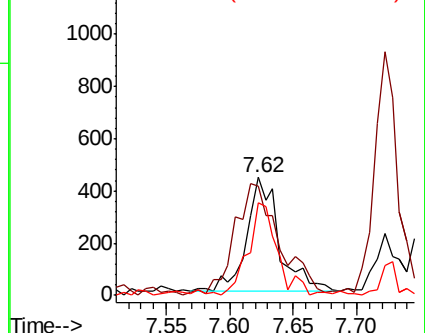
106 78.3 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.038 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

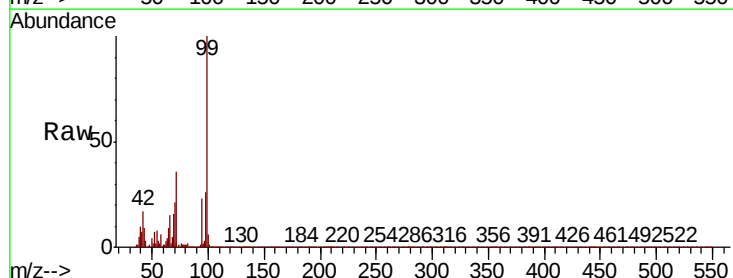
Tgt Ion: 94 Resp: 15180

Ion Ratio Lower Upper

94 100

65 38.0 18.6 58.6

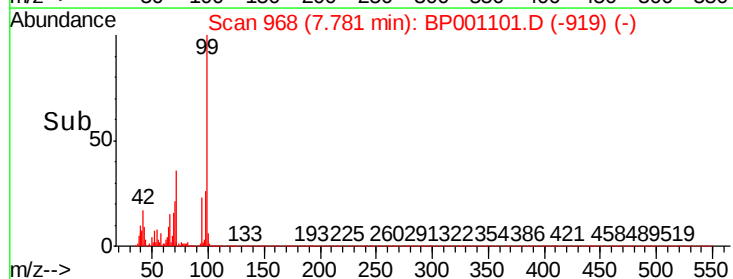
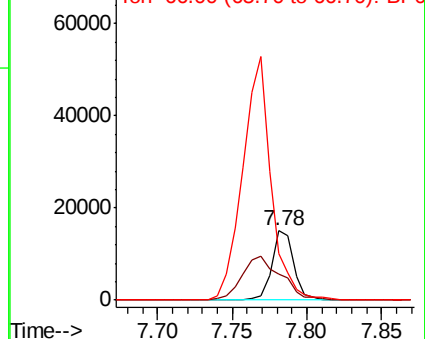
66 67.8 37.6 77.6

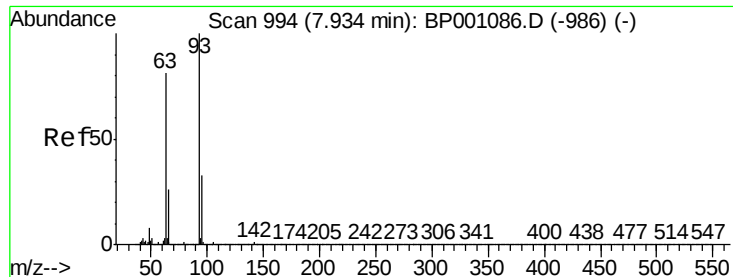


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

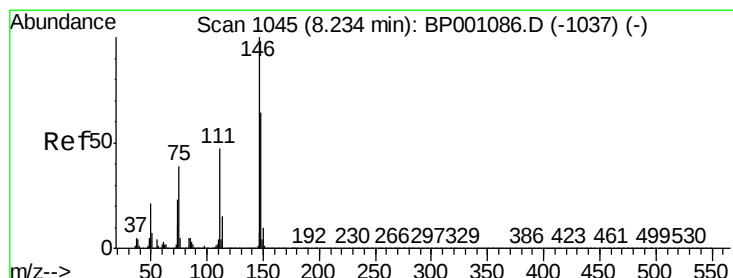
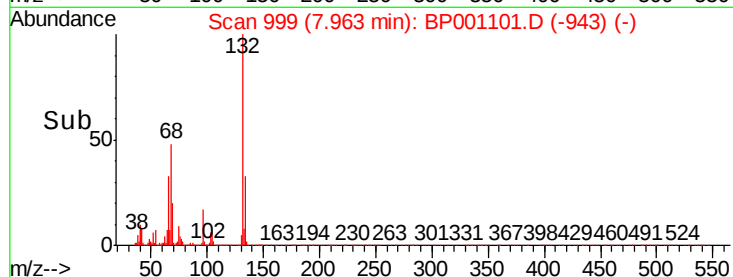
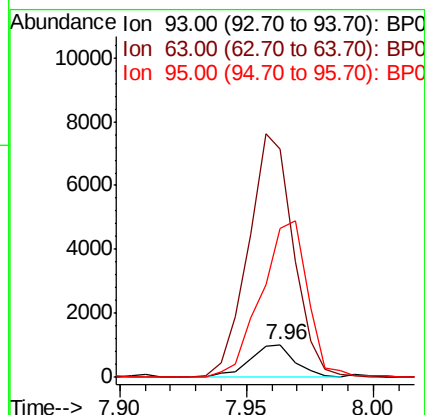
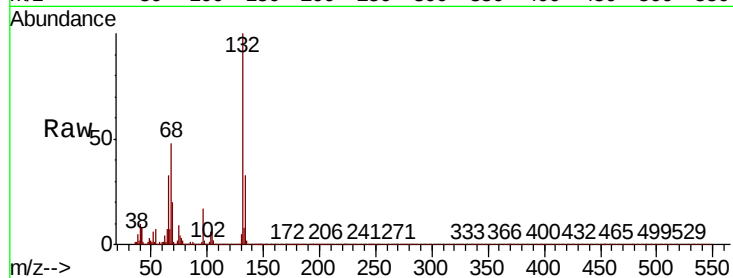




#11  
bis(2-Chloroethyl)ether  
Concen: 0.110 ng  
RT: 7.96 min Scan# 999  
Delta R.T. 0.03 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

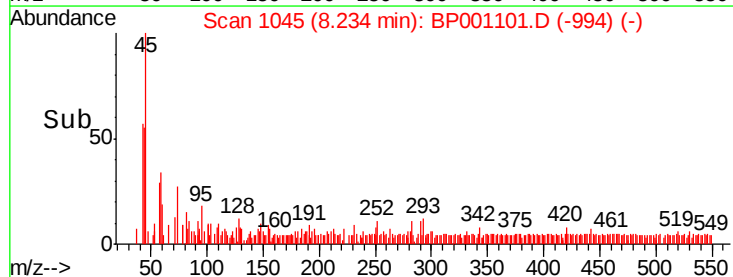
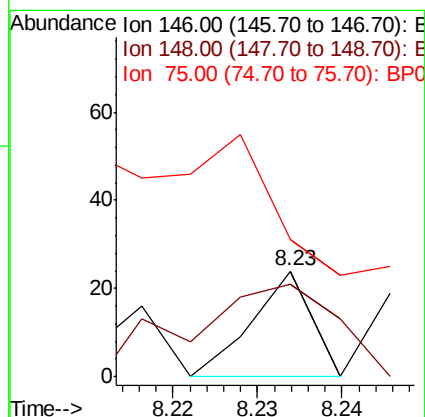
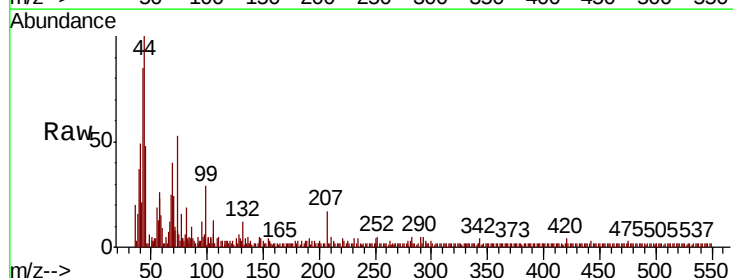
Instrument :  
BNA\_P  
ClientSampleId :

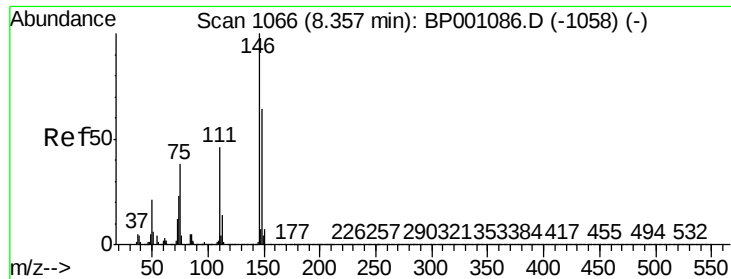
Tot Ion: 93 Resp: 1248  
Ion Ratio Lower Upper  
93 100  
63 700.7 60.7 100.7#  
95 455.7 12.7 52.7#



#12  
1,3-Dichlorobenzene  
Concen: 0.001 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion: 146 Resp: 12  
Ion Ratio Lower Upper  
146 100  
148 56.8 51.1 76.7  
75 83.8 31.3 46.9#

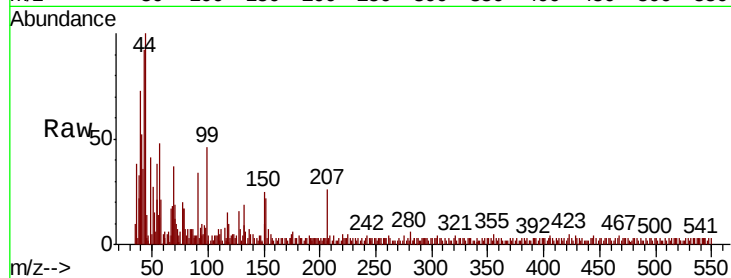




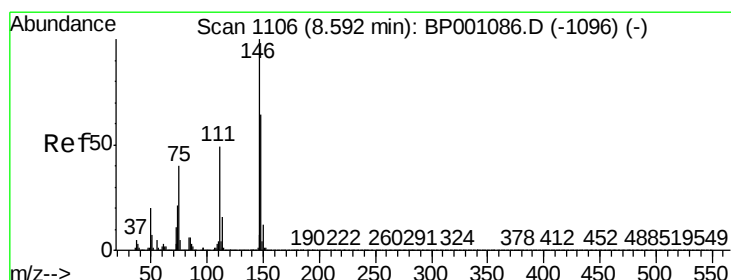
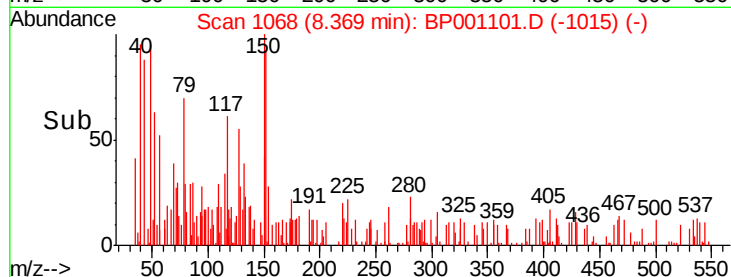
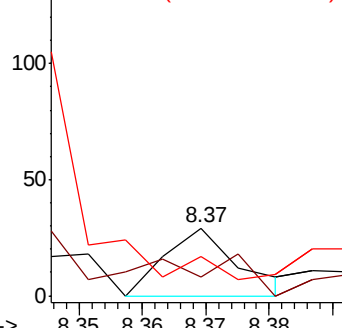
#13  
1,4-Dichlorobenzene  
Concen: 0.002 ng  
RT: 8.37 min Scan# 1068  
Delta R.T. 0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:146 Resp: 23  
Ion Ratio Lower Upper  
146 100  
148 41.4 51.6 77.4#  
111 144.8 37.0 55.6#

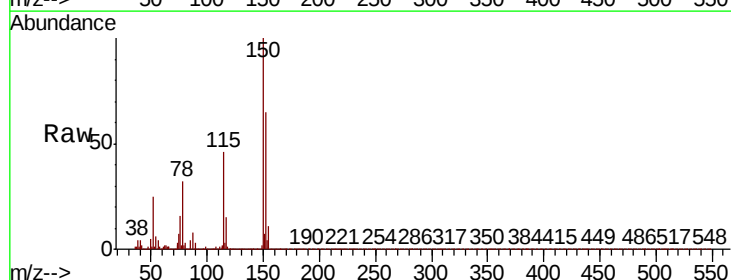


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

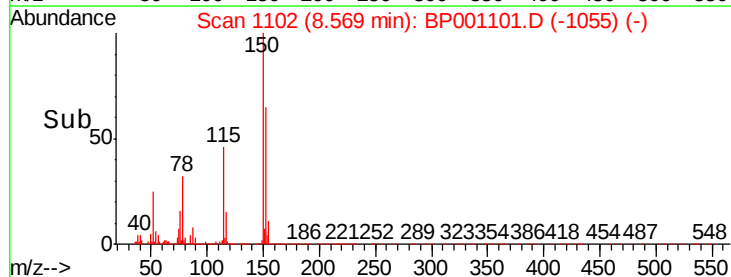
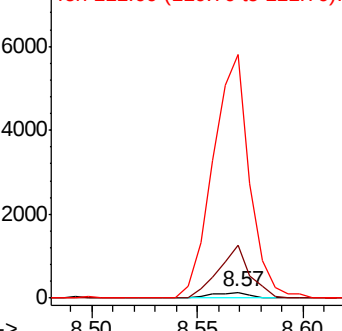


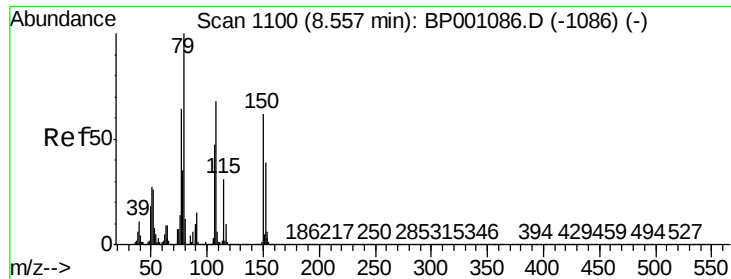
#14  
1,2-Dichlorobenzene  
Concen: 0.016 ng  
RT: 8.57 min Scan# 1102  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:146 Resp: 176  
Ion Ratio Lower Upper  
146 100  
148 870.3 51.5 77.3#  
111 4002.8 39.3 58.9#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.360 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

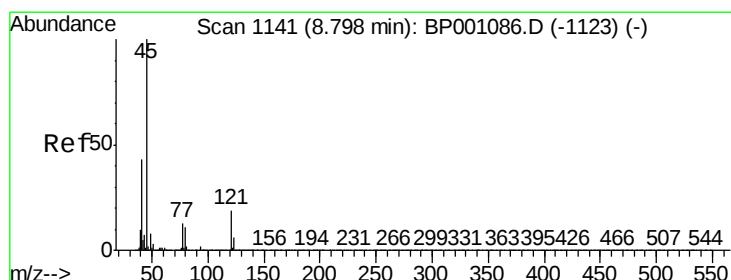
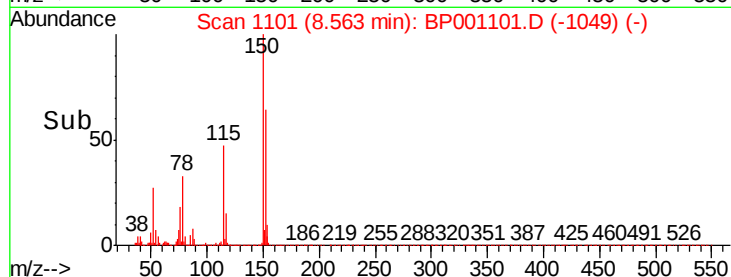
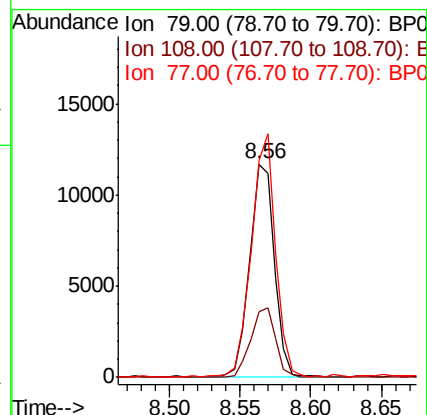
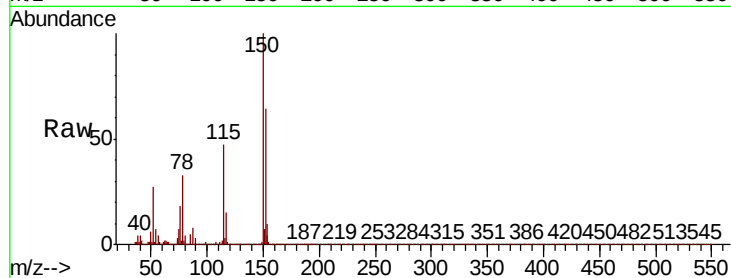
Tot Ion: 79 Resp: 14346

Ion Ratio Lower Upper

79 100

108 30.8 54.8 82.2#

77 101.8 51.4 77.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.26 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

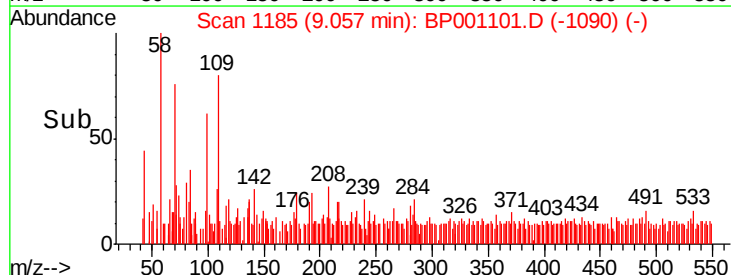
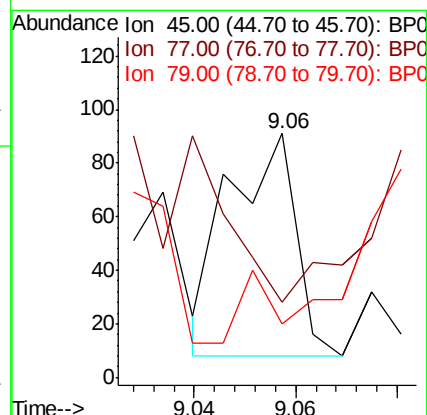
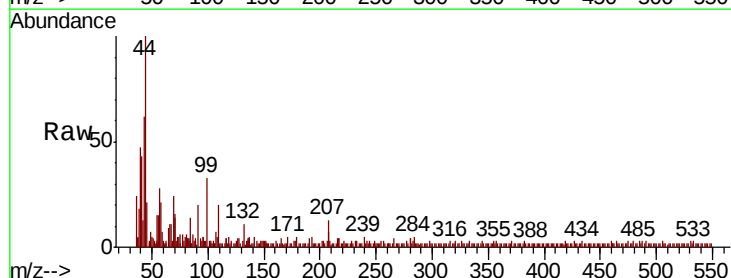
Tgt Ion: 45 Resp: 76

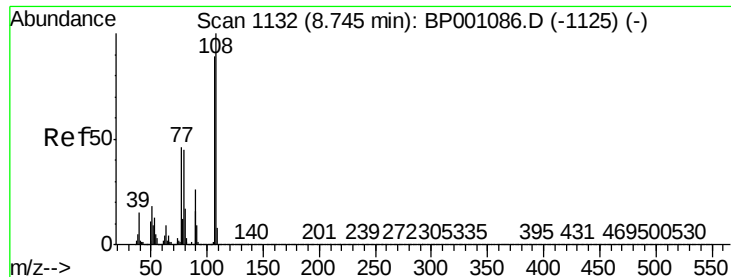
Ion Ratio Lower Upper

45 100

77 30.8 0.0 33.3

79 22.0 0.0 30.9





#17

2-Methylphenol

Concen: 0.006 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BP001101.D

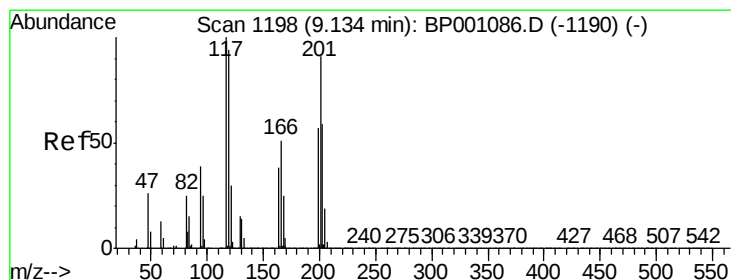
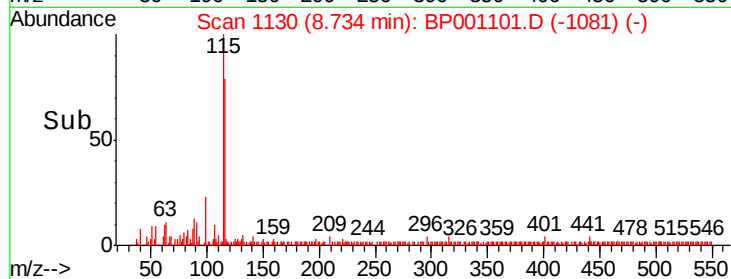
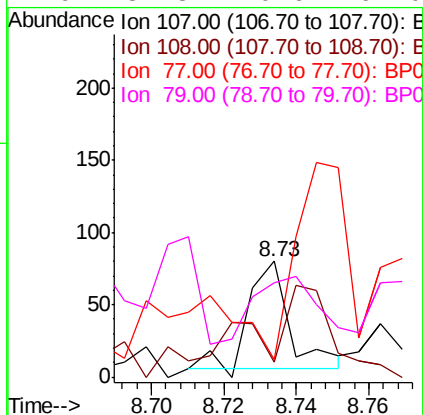
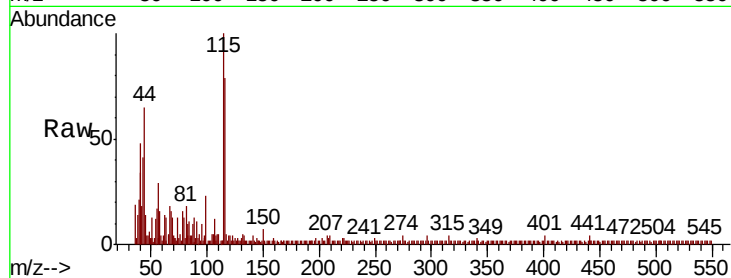
Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 59     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 12.5  | 89.8  | 134.6# |
| 77       | 15.0  | 41.4  | 62.2#  |
| 79       | 81.3  | 40.6  | 61.0#  |



#18

Hexachloroethane

Concen: 0.019 ng

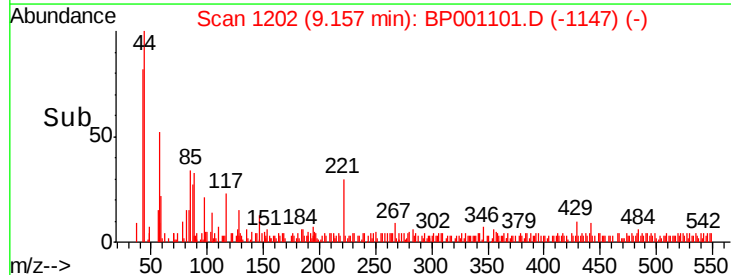
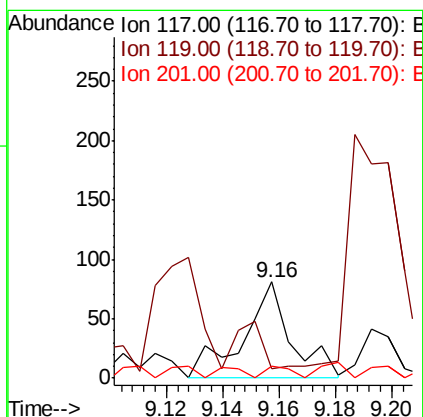
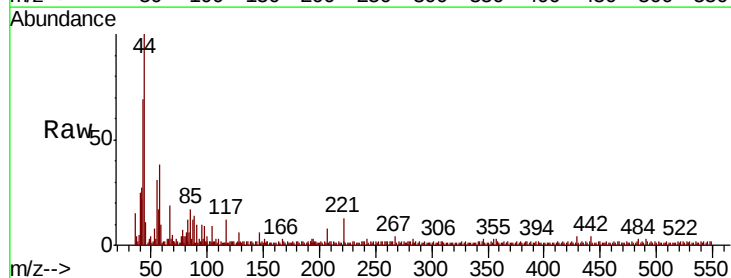
RT: 9.16 min Scan# 1202

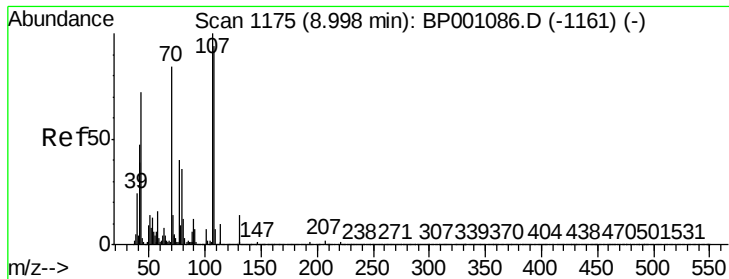
Delta R.T. 0.02 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 96     |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 9.9   | 75.2  | 112.8# |
| 201      | 12.3  | 72.5  | 108.7# |

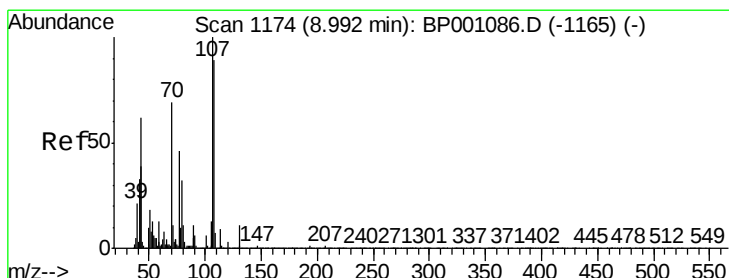
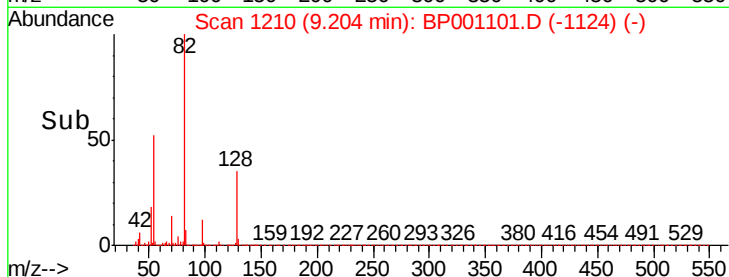
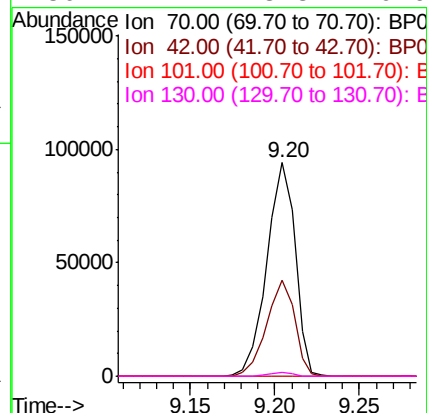
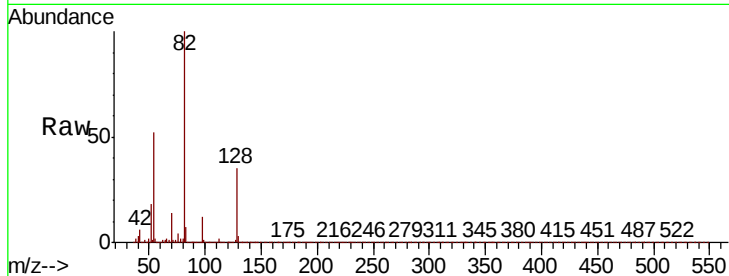




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.832 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. 0.21 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

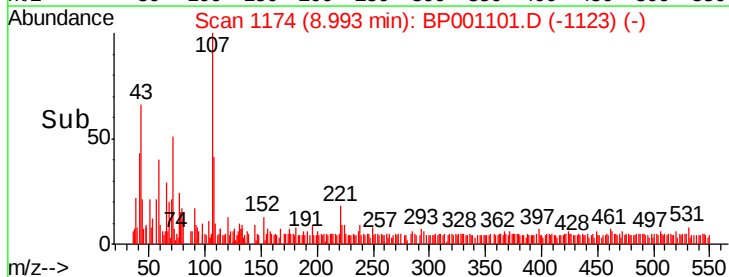
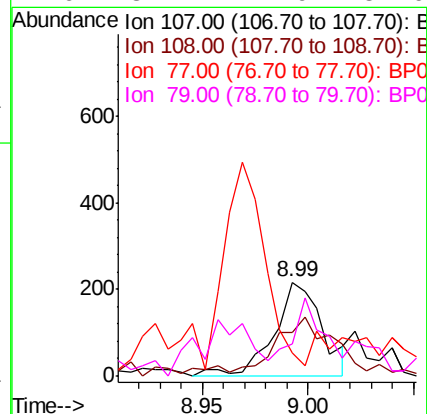
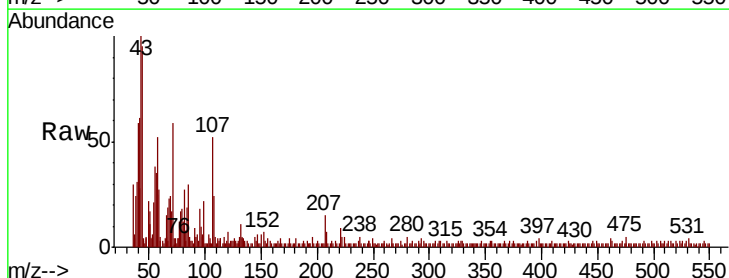
Instrument :  
BNA\_P  
ClientSampled :

Tot Ion: 70 Resp: 109727  
Ion Ratio Lower Upper  
70 100  
42 45.2 44.6 66.8  
101 0.0 7.1 10.7#  
130 1.7 13.8 20.6#



#20  
3+4-Methylphenols  
Concen: 0.030 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion: 107 Resp: 341  
Ion Ratio Lower Upper  
107 100  
108 46.5 68.9 108.9#  
77 24.0 25.9 65.9#  
79 34.1 11.9 51.9

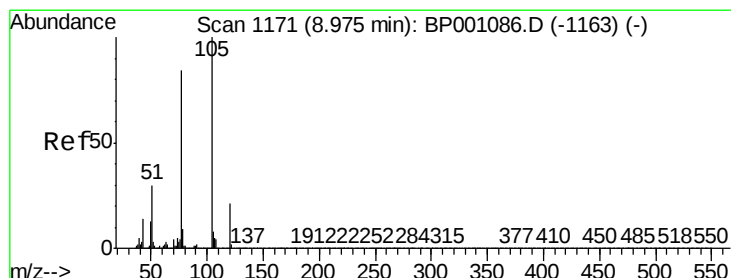
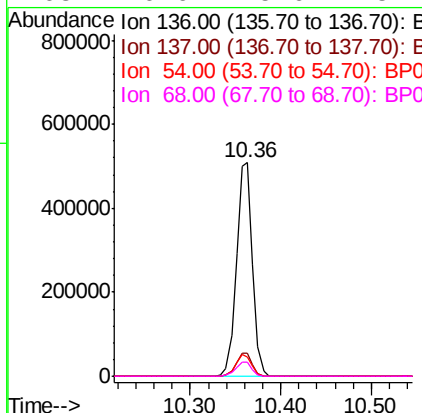
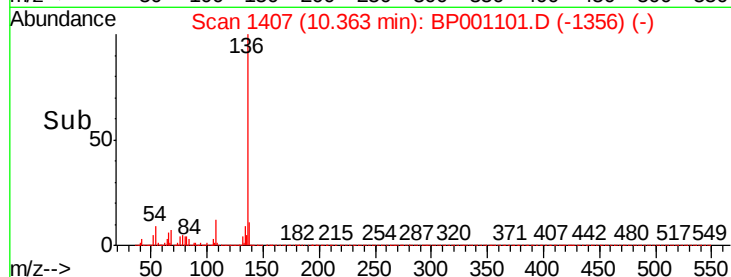
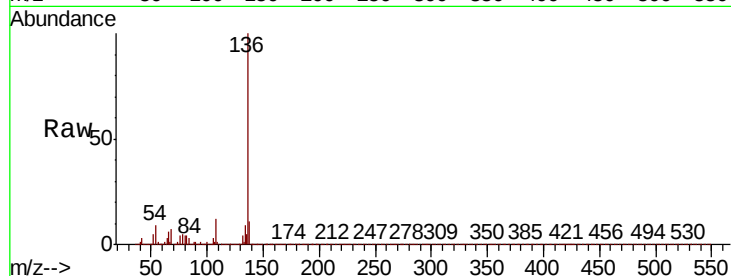




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

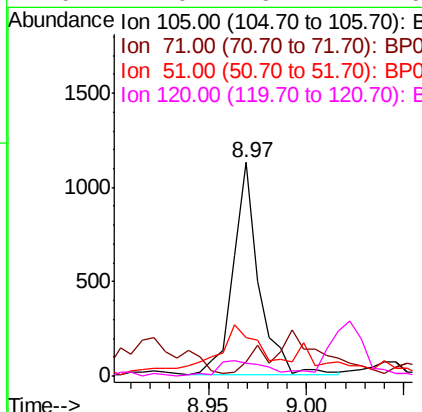
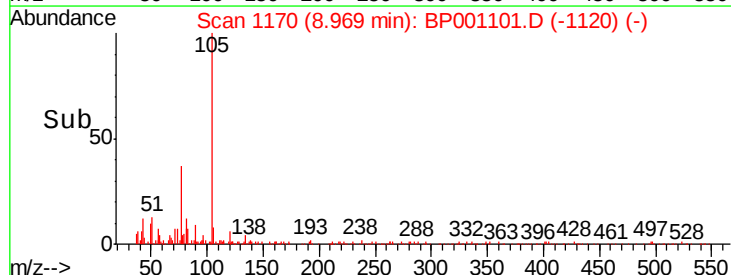
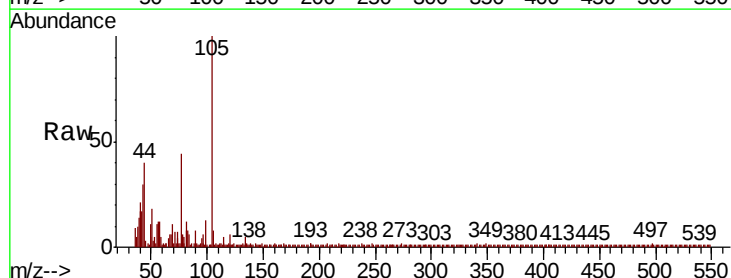
Instrument :  
BNA\_P  
ClientSampleId :

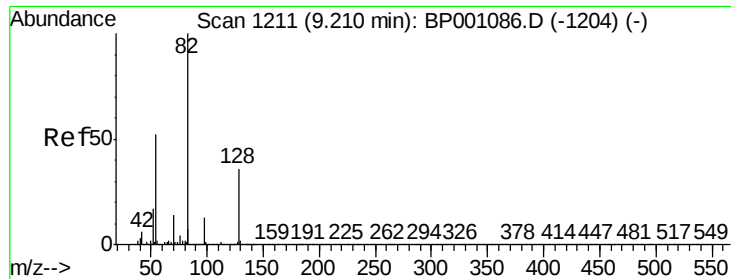
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 626153   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.7  | 8.8 13.2 |
| 54          | 9.2   | 7.9 11.9 |
| 68          | 6.6   | 5.6 8.4  |



#22  
Acetophenone  
Concen: 0.056 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 1030       |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 6.7   | 0.5 0.7#   |
| 51          | 17.7  | 24.2 36.4# |
| 120         | 7.0   | 16.4 24.6# |

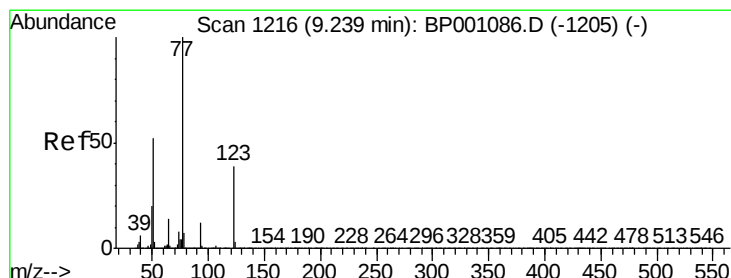
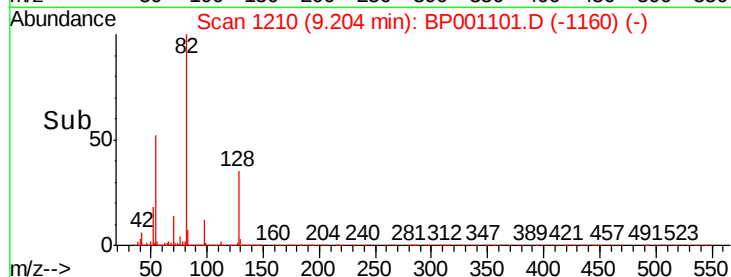
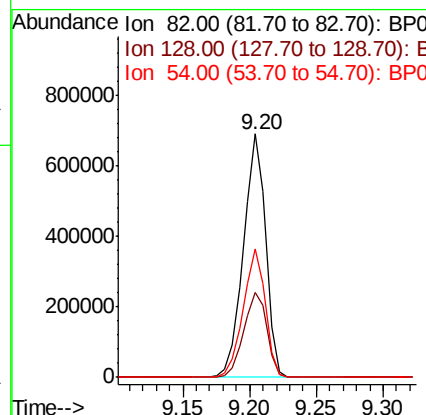
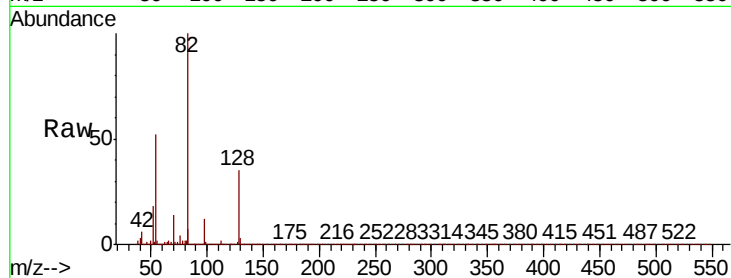




#23  
Nitrobenzene-d5  
Concen: 55.155 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

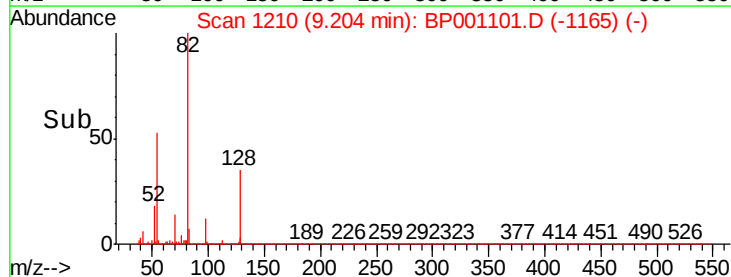
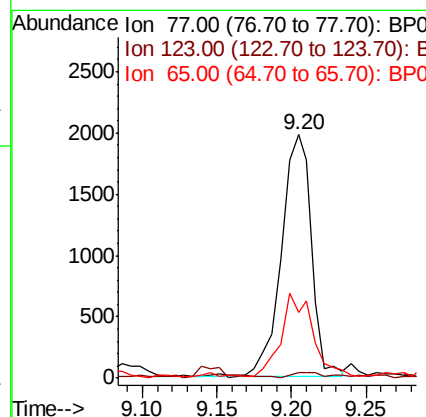
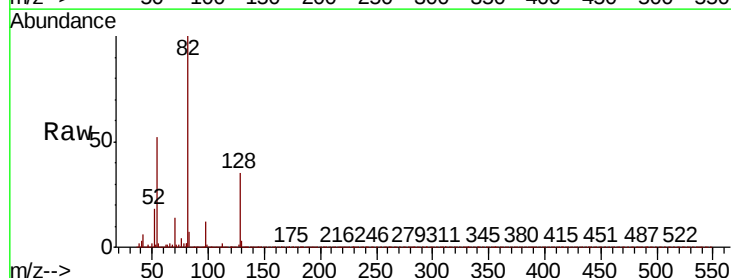
Instrument :  
BNA\_P  
ClientSampleId :

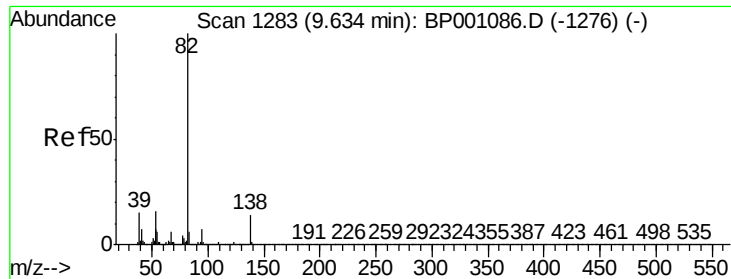
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.1  | 28.9  | 43.3  |
| 54      | 52.5  | 41.9  | 62.9  |



#24  
Nitrobenzene  
Concen: 0.197 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.04 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 2.1   | 31.0  | 46.4# |
| 65      | 26.9  | 11.0  | 16.6# |





#25

Isophorone

Concen: 0.219 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

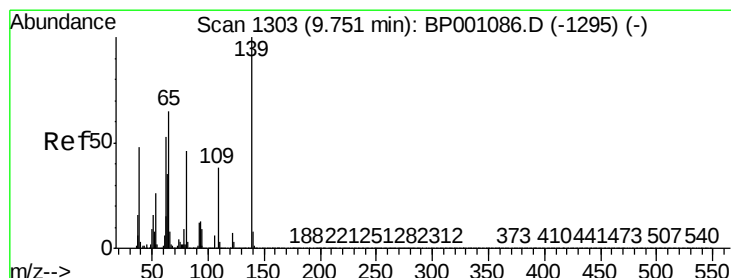
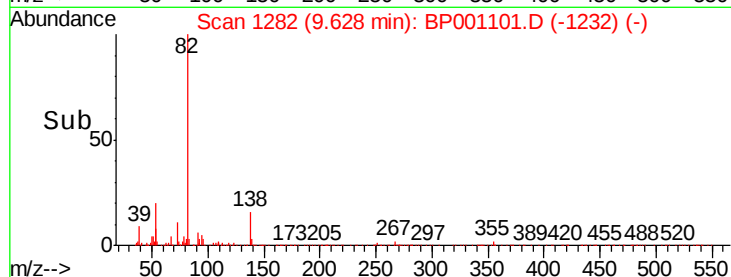
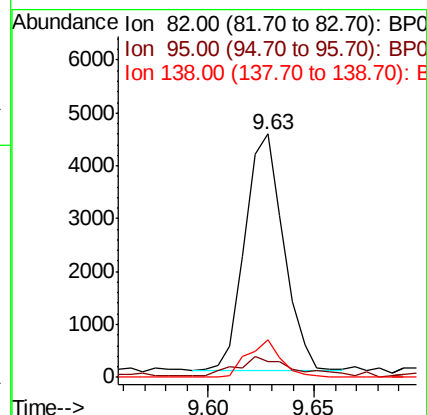
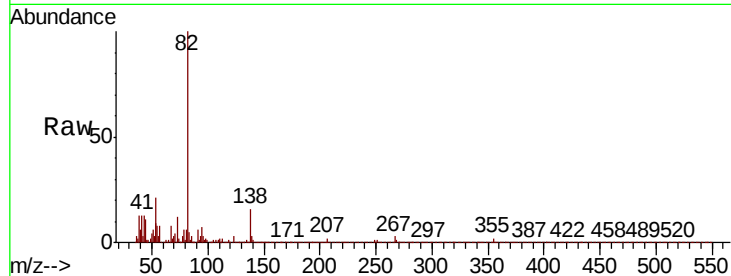
Tot Ion: 82 Resp: 5666

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 15.5 11.3 16.9



#26

2-Nitrophenol

Concen: 0.002 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

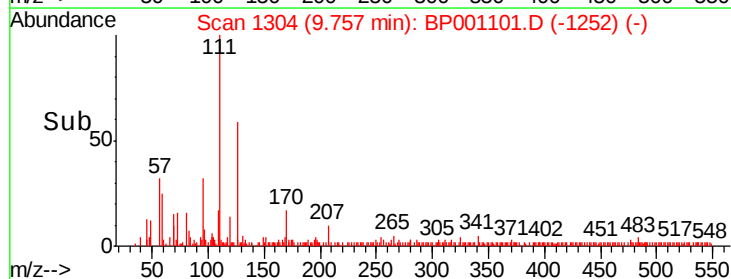
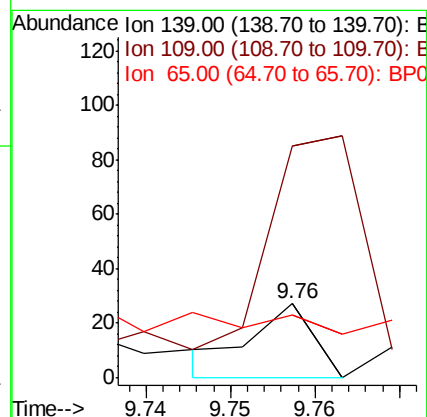
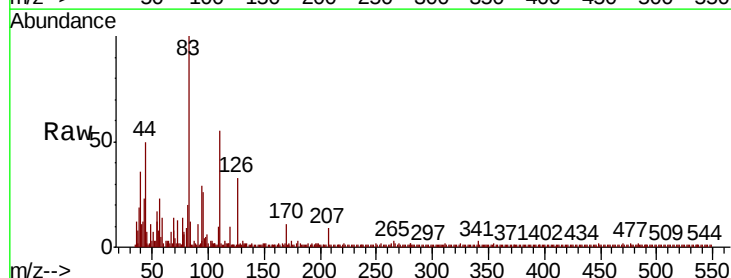
Tgt Ion: 139 Resp: 13

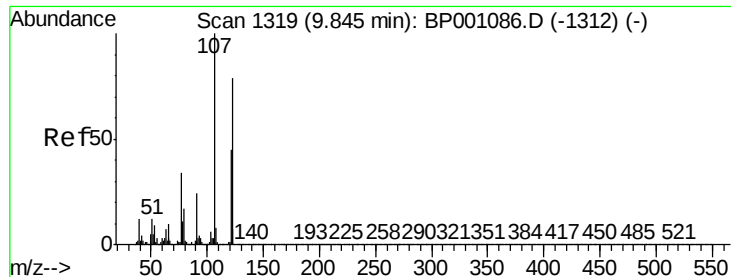
Ion Ratio Lower Upper

139 100

109 314.8 30.6 45.8#

65 155.6 51.8 77.8#

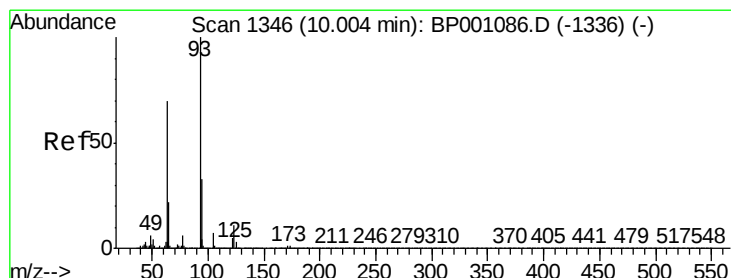
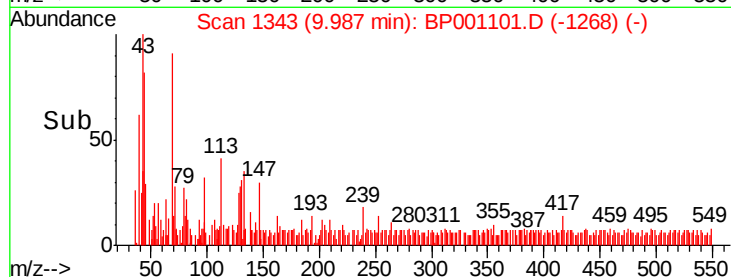
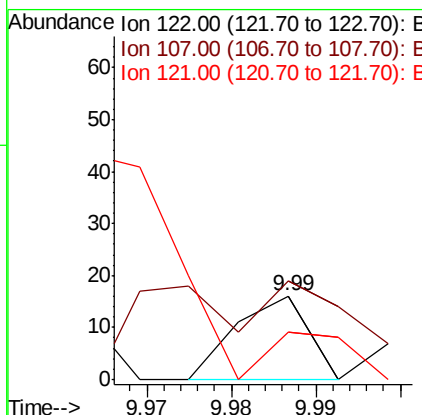
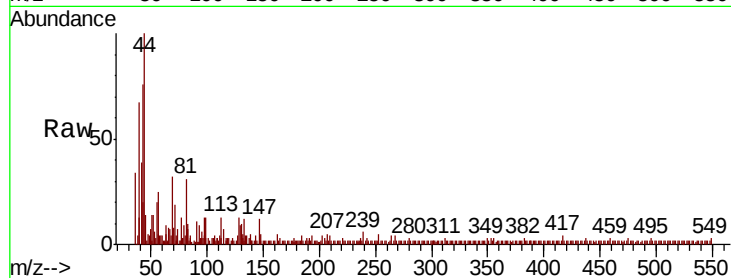




#27  
2,4-Dimethylphenol  
Concen: 0.001 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.14 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

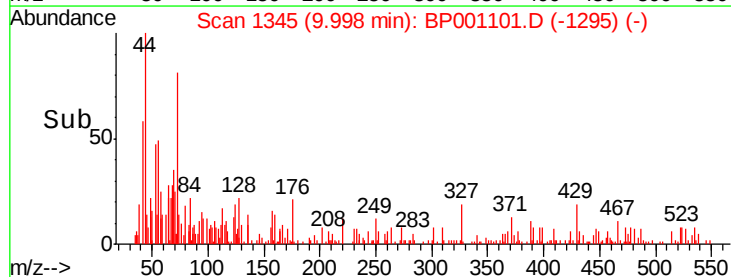
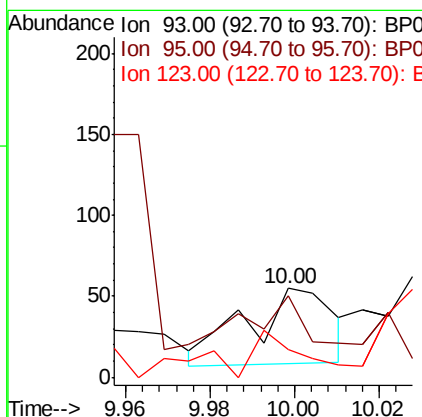
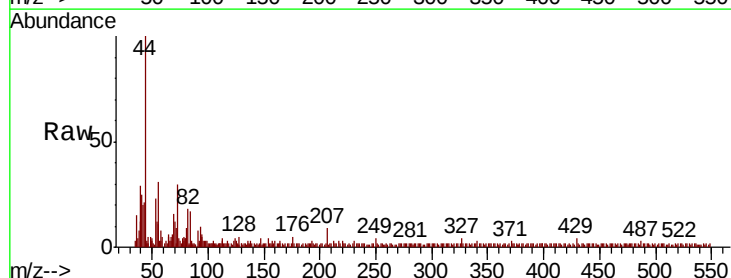
Instrument :  
BNA\_P  
ClientSampleId :

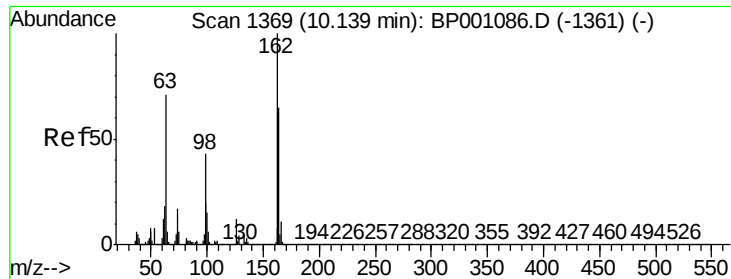
Tot Ion:122 Resp: 10  
Ion Ratio Lower Upper  
122 100  
107 118.8 101.9 152.9  
121 56.3 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.004 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion: 93 Resp: 66  
Ion Ratio Lower Upper  
93 100  
95 90.9 26.0 39.0#  
123 30.9 8.9 13.3#

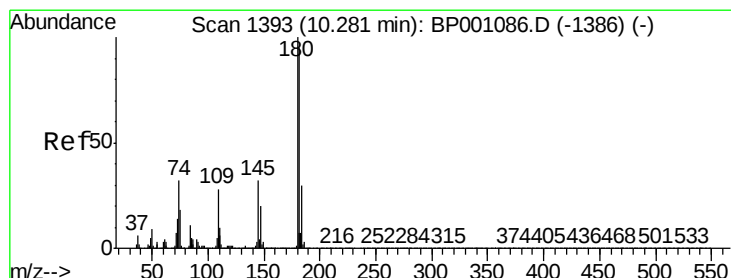
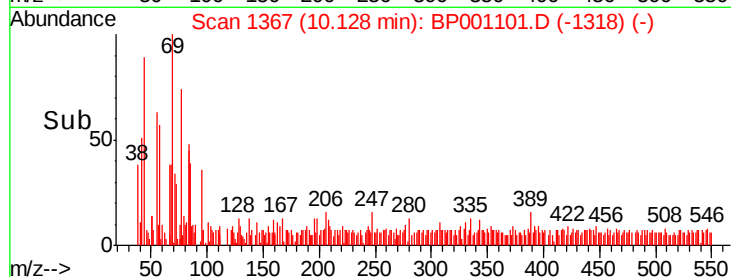
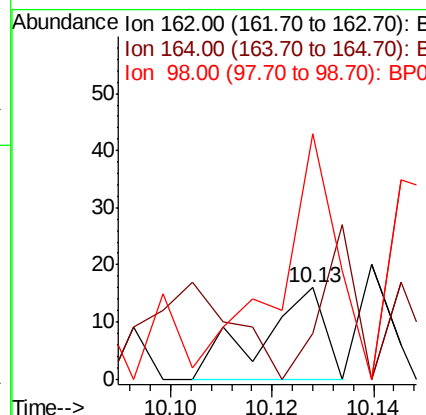
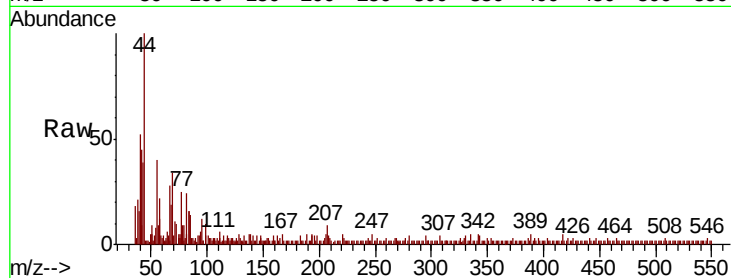




#29  
2,4-Dichlorophenol  
Concen: 0.001 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

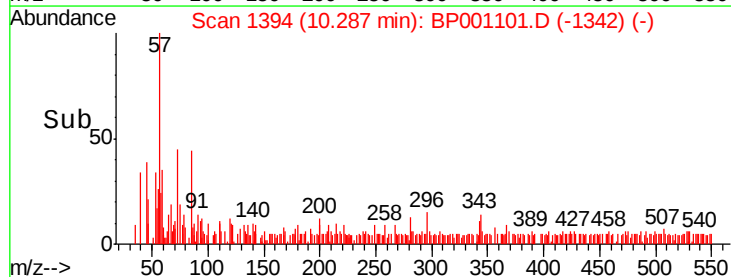
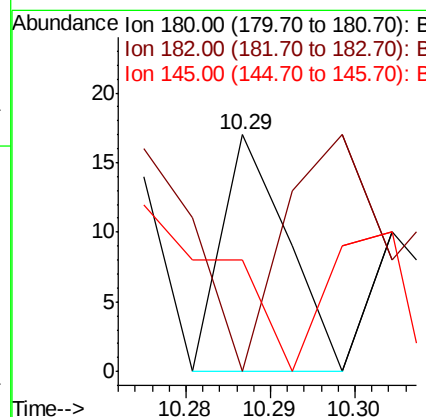
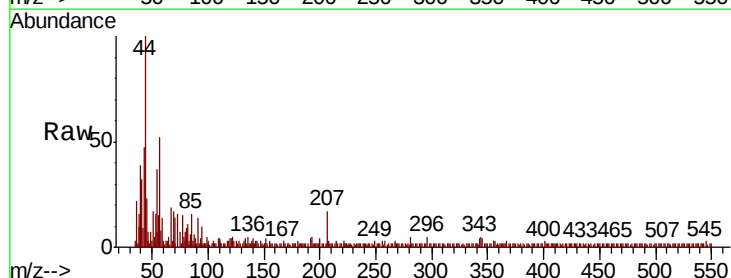
Instrument :  
BNA\_P  
ClientSampleID :

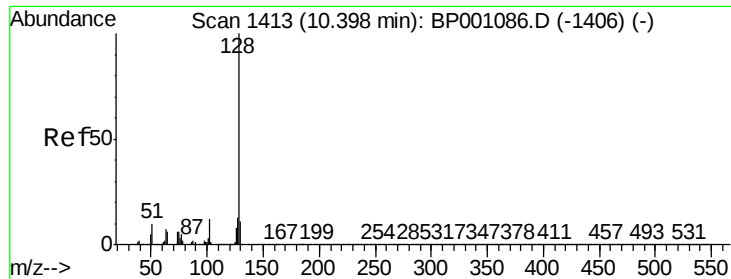
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 50.0  | 45.1  | 85.1  |
| 98      | 268.8 | 23.4  | 63.4  |



#30  
1,2,4-Trichlorobenzene  
Concen: 0.001 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. 0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 0.0   | 76.3  | 114.5 |
| 145     | 47.1  | 25.4  | 38.2  |

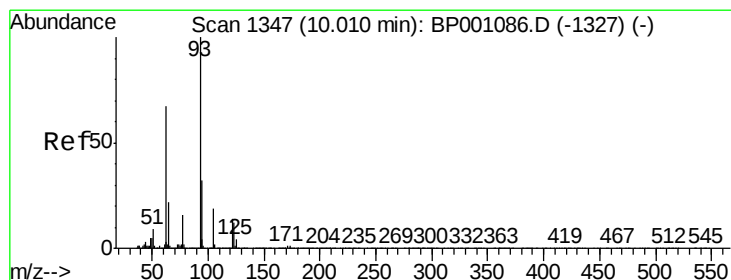
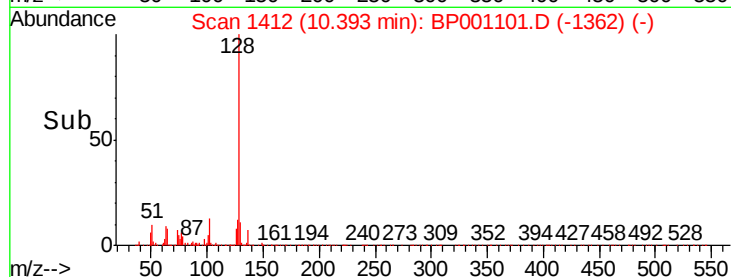
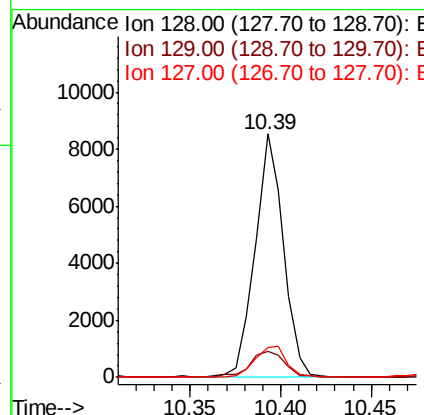
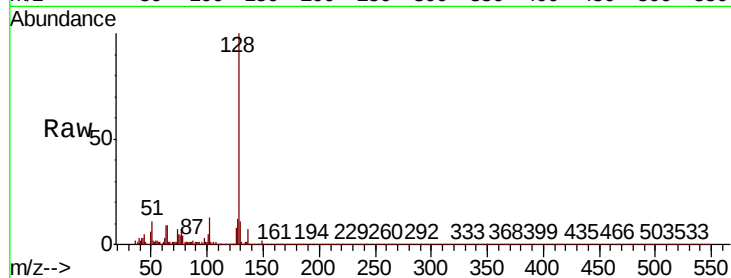




#31  
Naphthalene  
Concen: 0.289 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

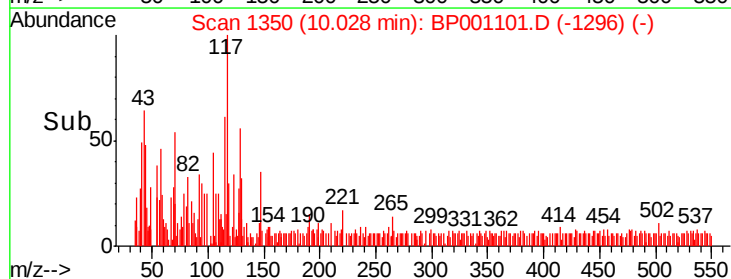
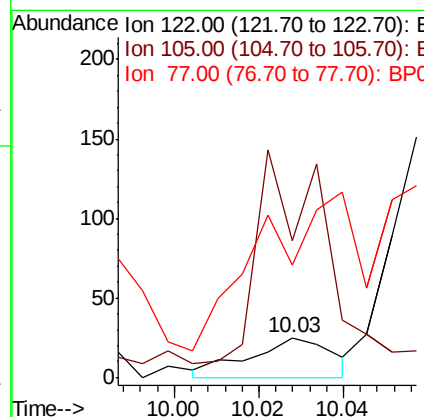
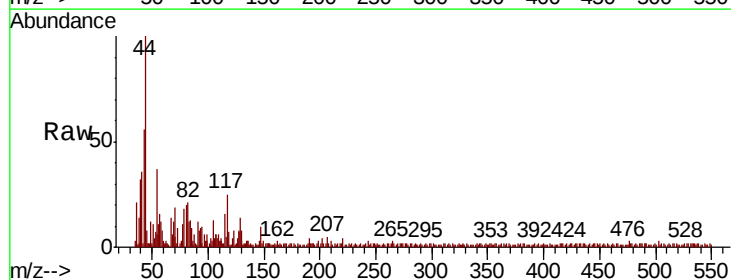
Instrument :  
BNA\_P  
ClientSampleId :

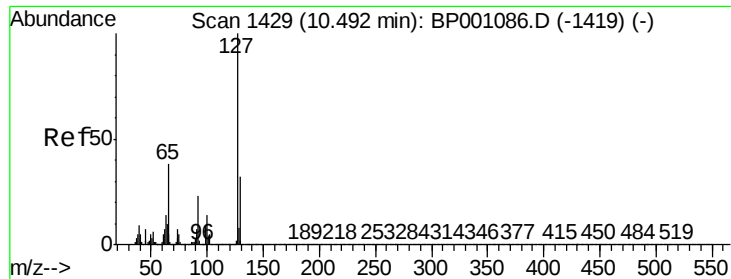
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.8   | 13.2  |
| 127     | 12.4  | 10.6  | 16.0  |



#32  
Benzoic acid  
Concen: 0.006 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 344.0 | 116.8 | 156.8# |
| 77      | 284.0 | 95.0  | 135.0# |

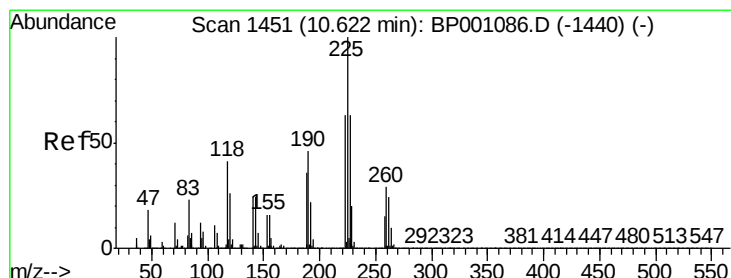
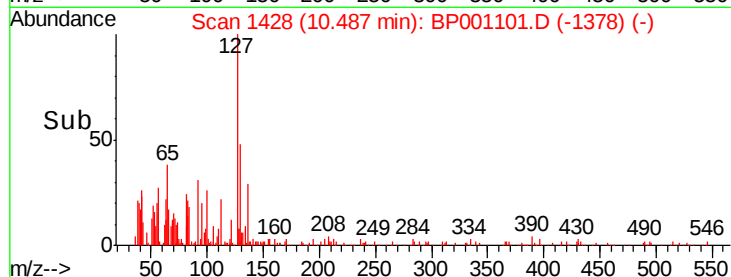
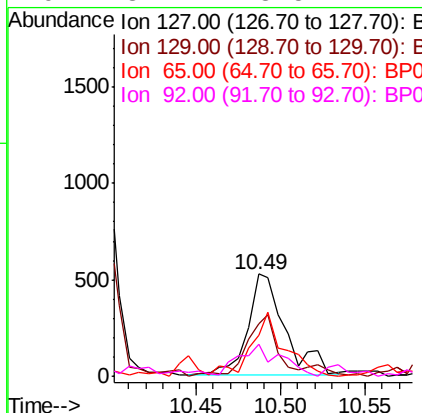
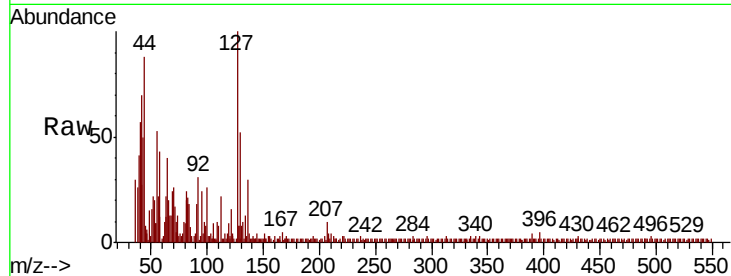




#33  
4-Chloroaniline  
Concen: 0.058 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

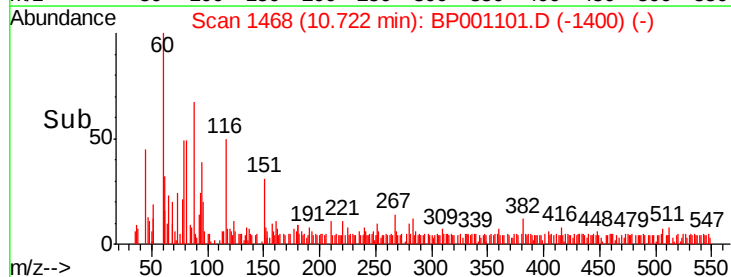
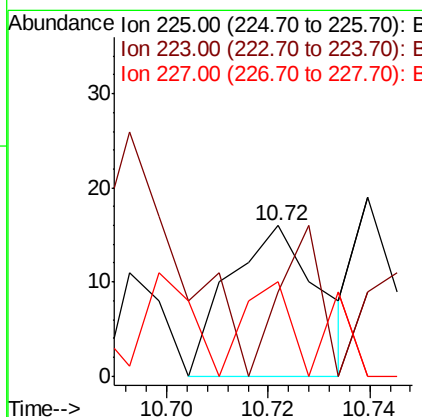
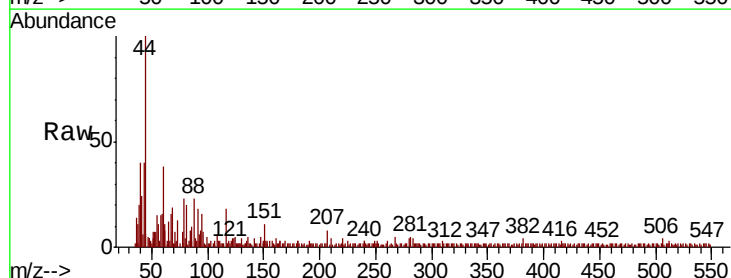
Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 799   |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 54.2  | 25.5  | 38.3# |
| 65       | 40.3  | 30.6  | 46.0  |
| 92       | 31.4  | 18.5  | 27.7# |



#34  
Hexachlorobutadiene  
Concen: 0.003 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. 0.10 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 20    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 56.3  | 50.0  | 75.0  |
| 227      | 62.5  | 50.0  | 75.0  |





#35

Caprolactam

Concen: 0.013 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BP001101.D

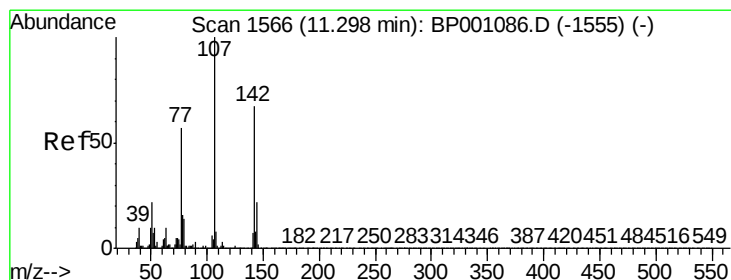
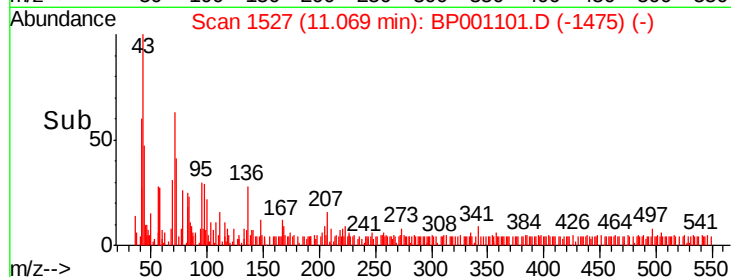
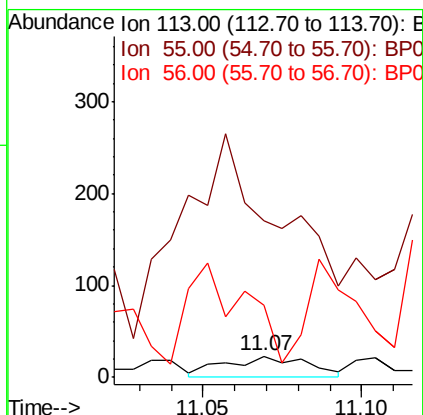
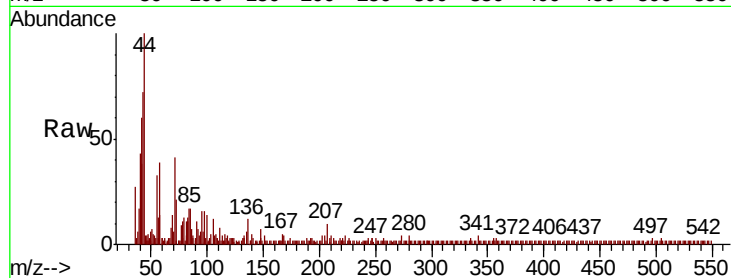
Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 739.1 | 181.2 | 221.2# |
| 56      | 339.1 | 134.7 | 174.7# |



#36

4-Chloro-3-methylphenol

Concen: 0.004 ng

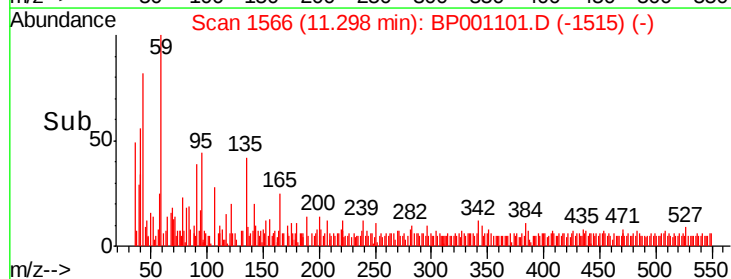
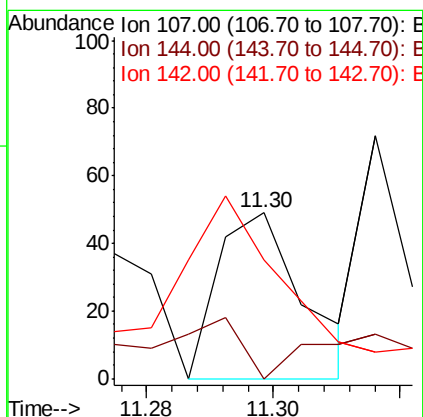
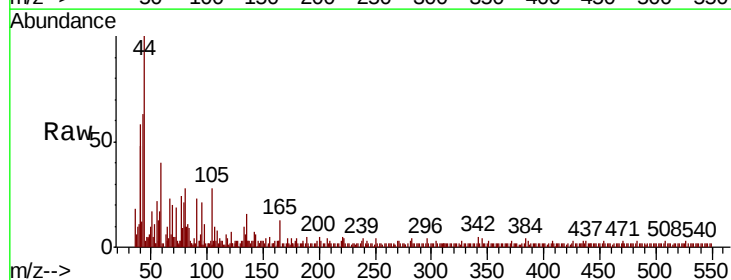
RT: 11.30 min Scan# 1566

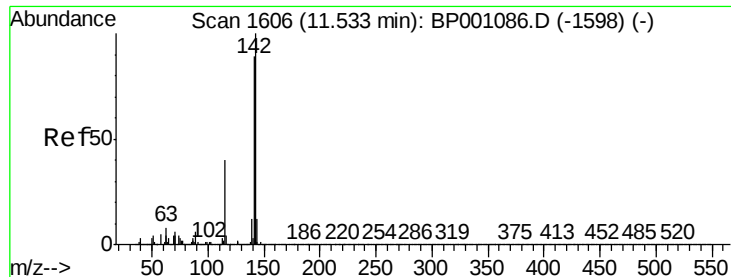
Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 0.0   | 17.5  | 26.3# |
| 142     | 71.4  | 53.3  | 79.9  |

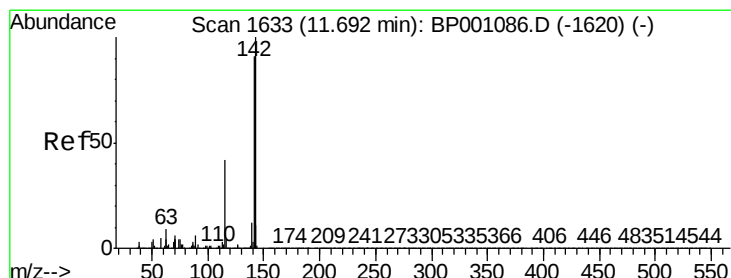
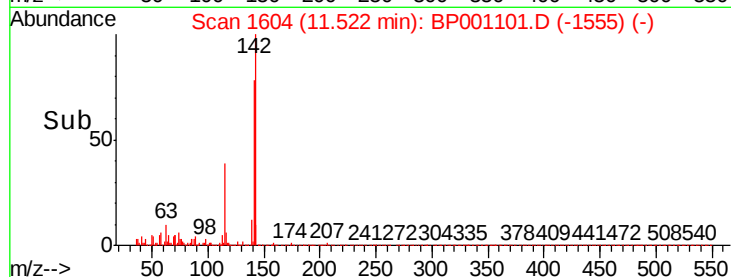
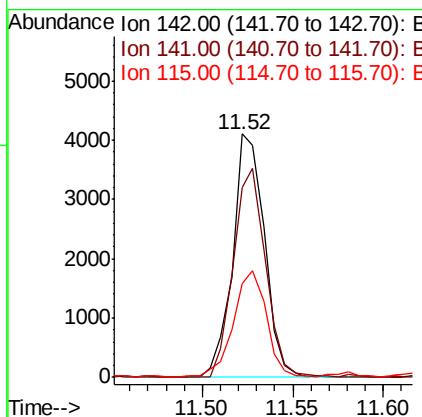
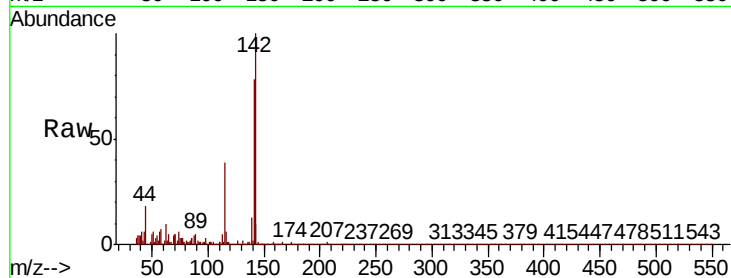




#37  
2-Methylnaphthalene  
Concen: 0.228 ng  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

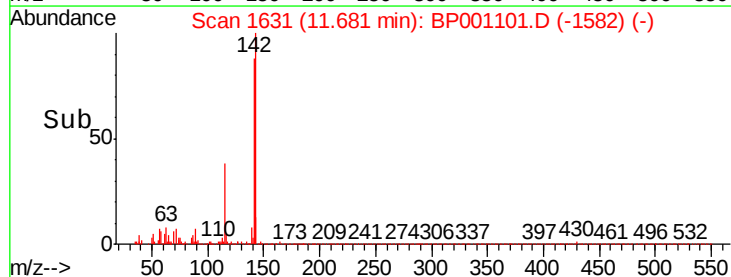
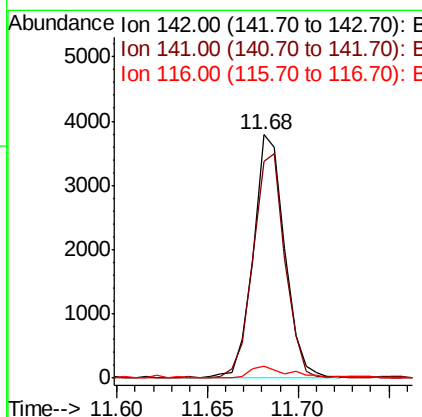
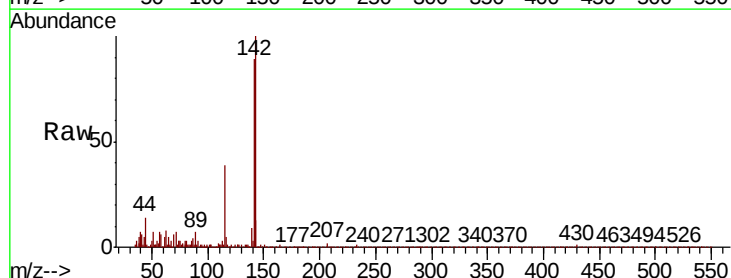
Instrument :  
BNA\_P  
ClientSampleID :

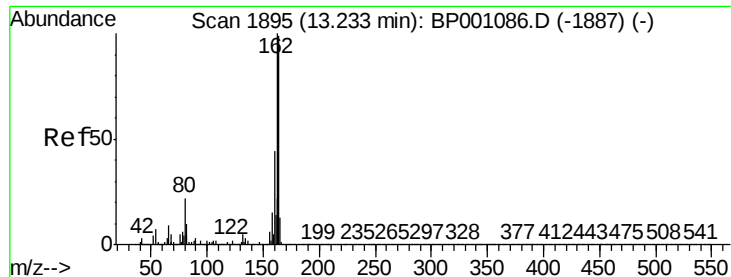
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 77.8  | 71.1  | 106.7 |
| 115     | 38.6  | 32.3  | 48.5  |



#38  
1-Methylnaphthalene  
Concen: 0.222 ng  
RT: 11.68 min Scan# 1631  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 73.0  | 109.4 |
| 116     | 4.9   | 3.4   | 5.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

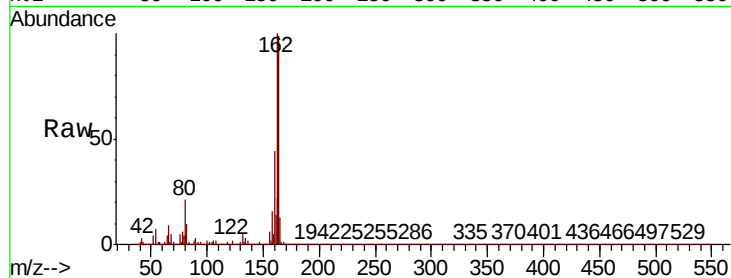
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:164 Resp: 343779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 80.6  | 120.8 |
| 160 | 44.7  | 35.4  | 53.2  |

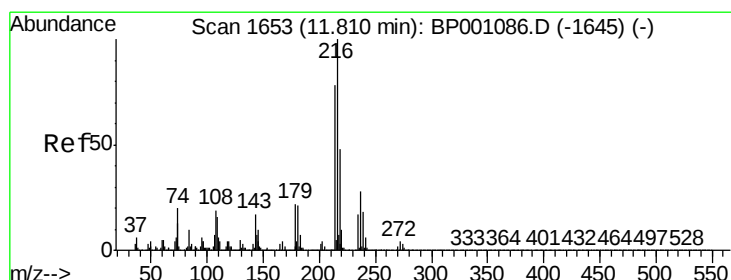
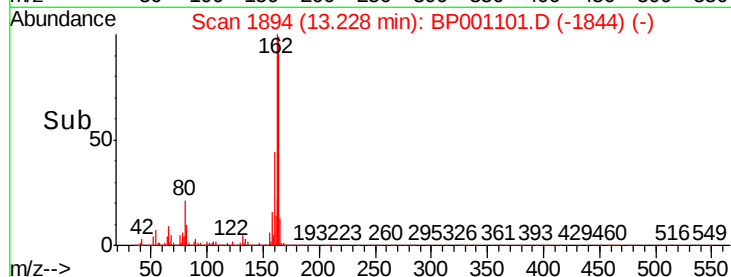
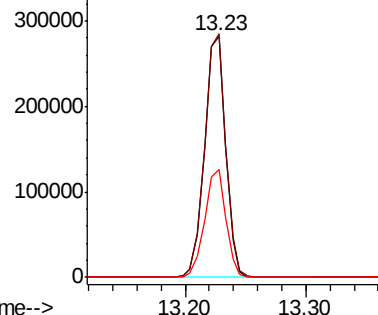


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng

RT: 11.78 min Scan# 1648

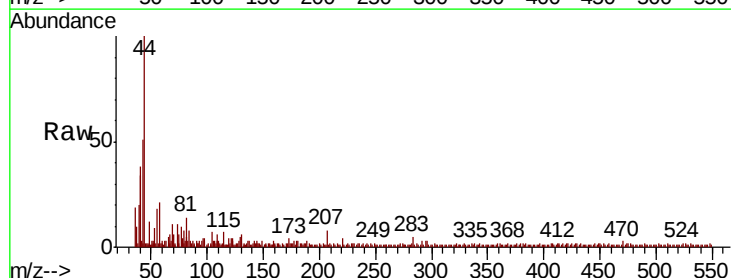
Delta R.T. -0.03 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Tgt Ion:216 Resp: 10

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 100.0 | 62.8  | 94.2# |
| 179 | 280.0 | 17.6  | 26.4# |
| 108 | 210.0 | 17.7  | 26.5# |



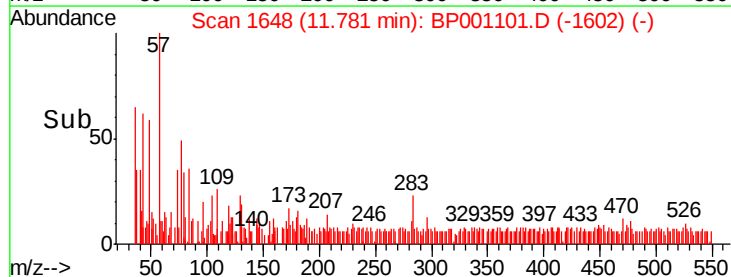
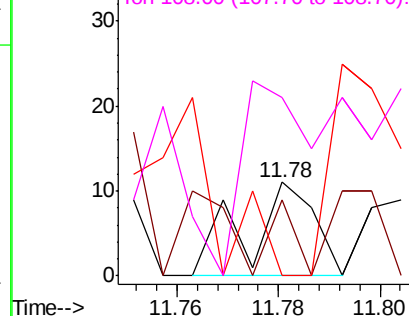
Abundance

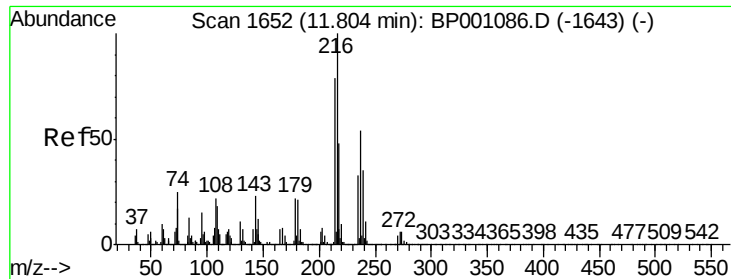
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

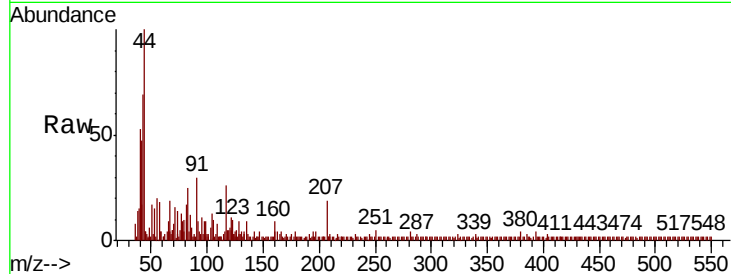




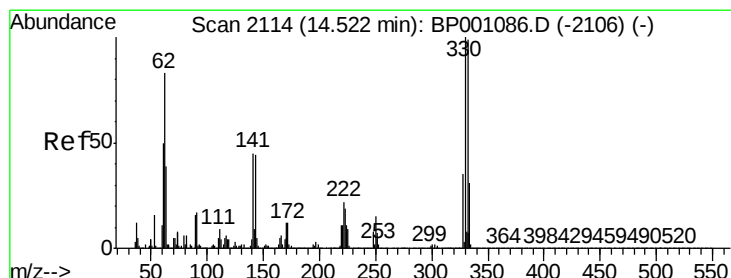
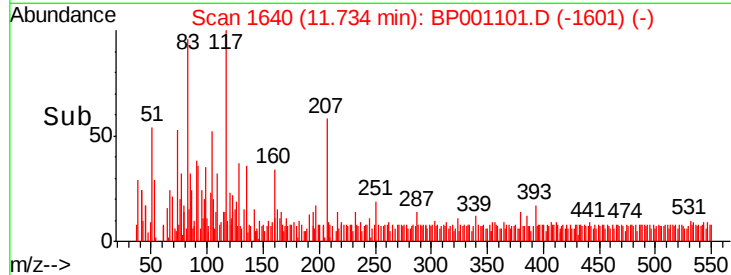
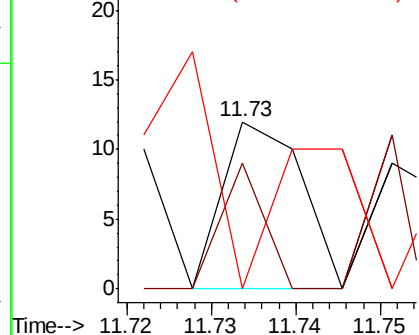
#41  
Hexachlorocyclopentadiene  
Concen: 0.002 ng  
RT: 11.73 min Scan# 1640  
Delta R.T. -0.07 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 75.0  | 41.8  | 81.8  |
| 272     | 0.0   | 0.0   | 31.9  |

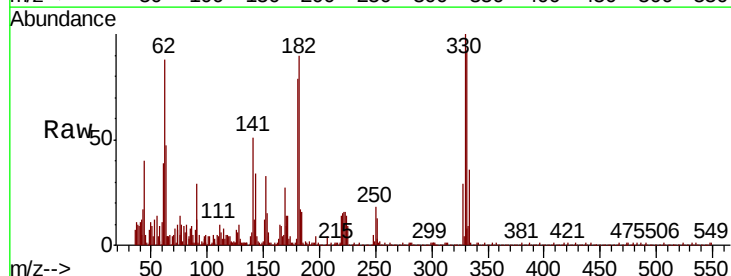


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

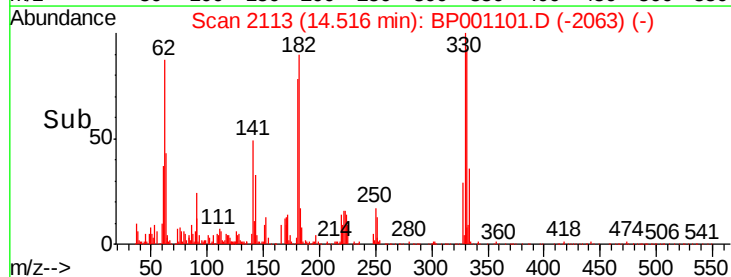
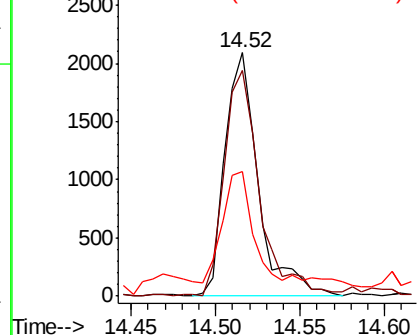


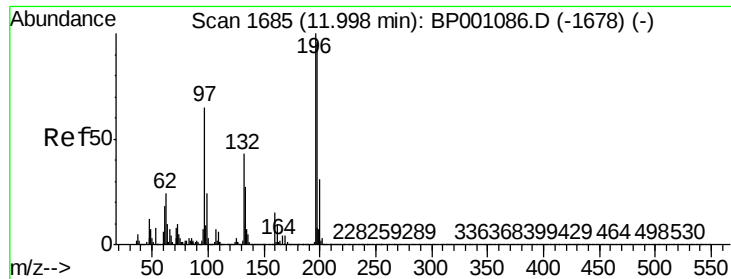
#42  
2,4,6-Tribromophenol  
Concen: 0.877 ng  
RT: 14.52 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.1  | 77.6  | 116.4 |
| 141     | 58.7  | 34.2  | 51.2# |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

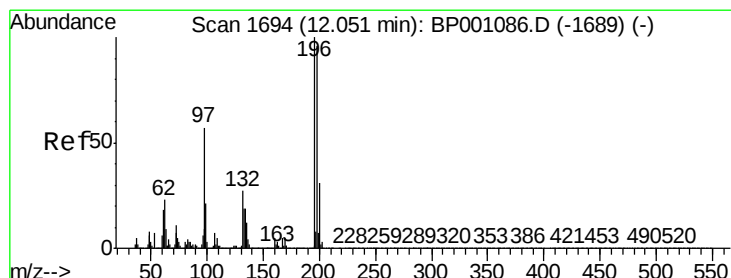
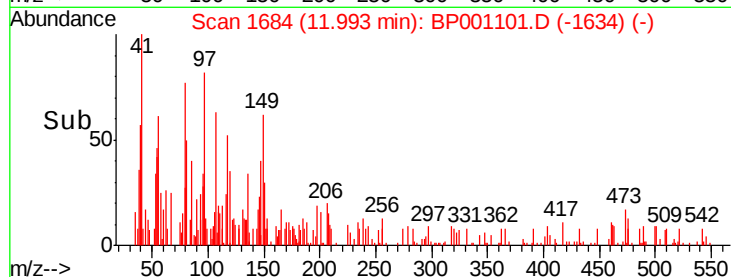
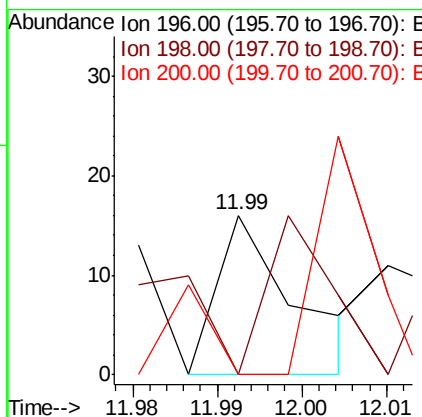
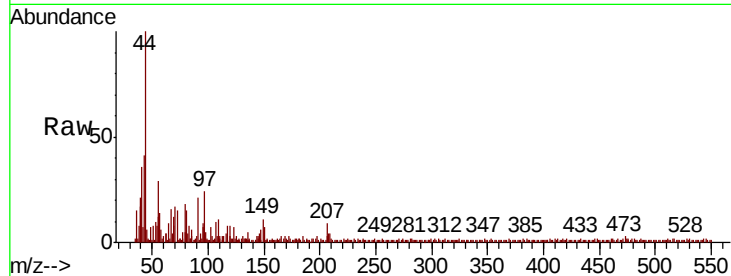




#43  
2,4,6-Trichlorophenol  
Concen: 0.001 ng  
RT: 11.99 min Scan# 1684  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

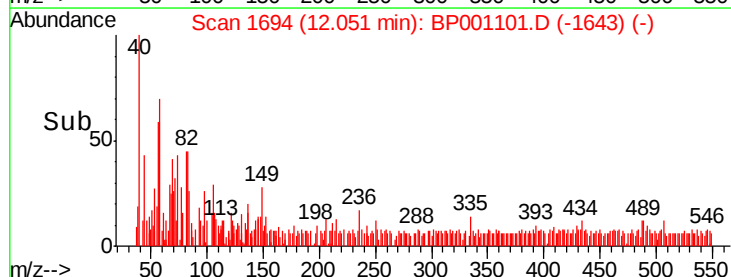
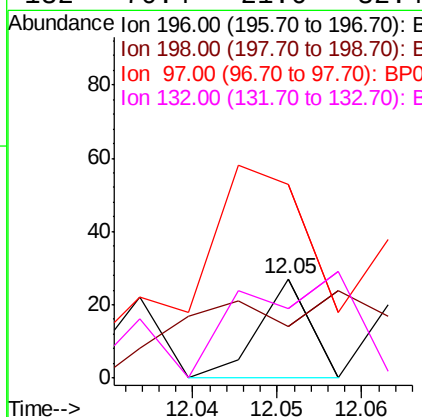
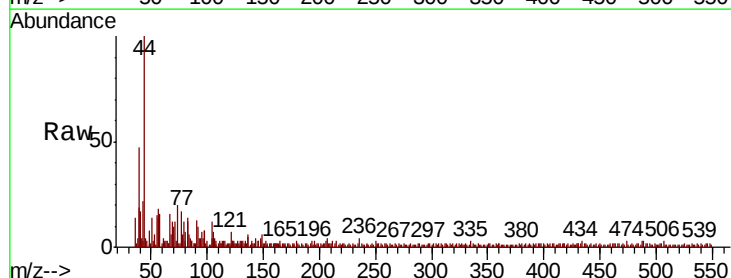
Instrument :  
BNA\_P  
ClientSampleId :

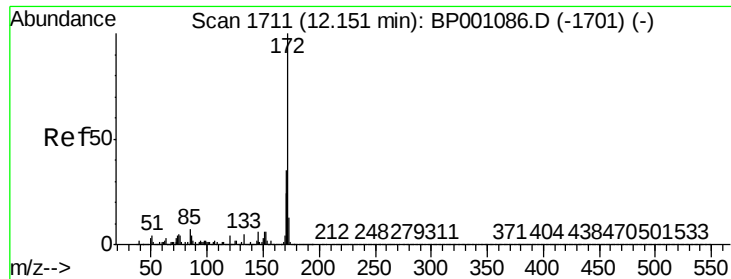
Tot Ion:196 Resp: 10  
Ion Ratio Lower Upper  
196 100  
198 0.0 76.7 115.1#  
200 106.3 24.7 37.1#



#44  
2,4,5-Trichlorophenol  
Concen: 0.002 ng  
RT: 12.05 min Scan# 1694  
Delta R.T. 0.00 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:196 Resp: 11  
Ion Ratio Lower Upper  
196 100  
198 51.9 76.8 115.2#  
97 196.3 46.1 69.1#  
132 70.4 21.6 32.4#

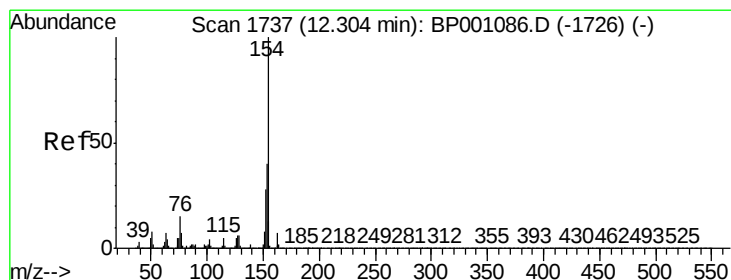
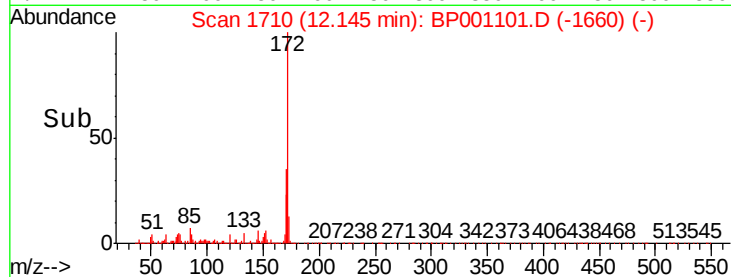
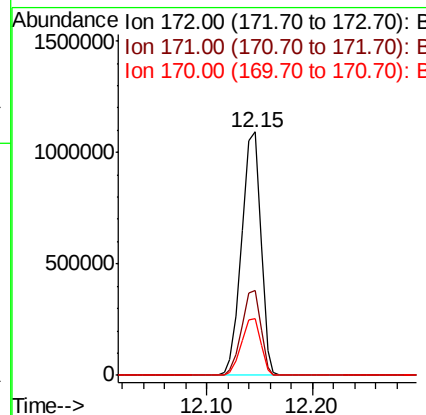
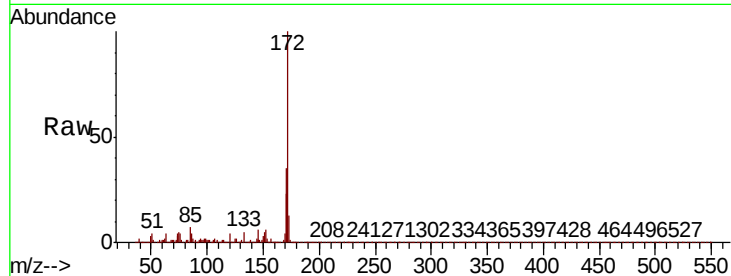




#45  
2-Fluorobiphenyl  
Concen: 57.940 ng  
RT: 12.15 min Scan# 1710  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

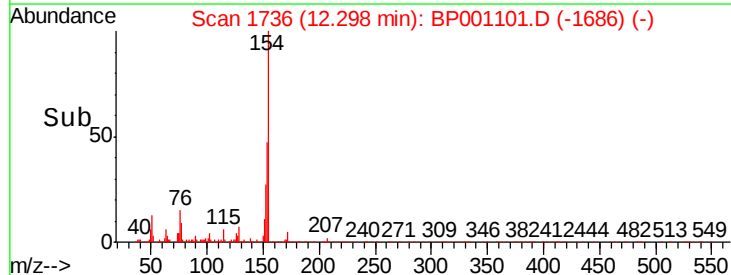
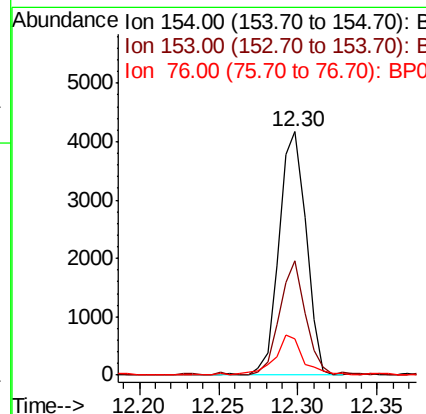
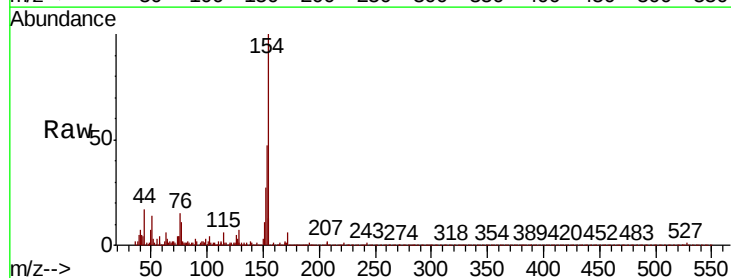
Instrument :  
BNA\_P  
ClientSampleId :

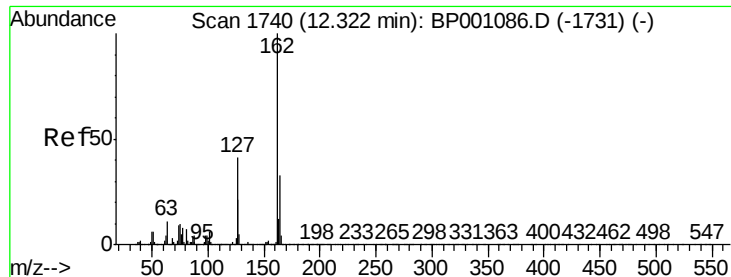
Tot Ion:172 Resp: 1360957  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 0.188 ng  
RT: 12.30 min Scan# 1736  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:154 Resp: 4992  
Ion Ratio Lower Upper  
154 100  
153 46.9 20.2 60.2  
76 14.8 0.0 34.5

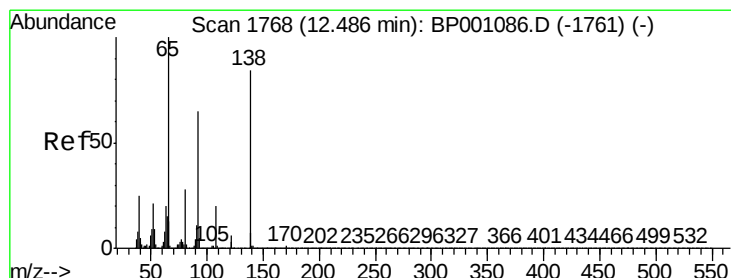
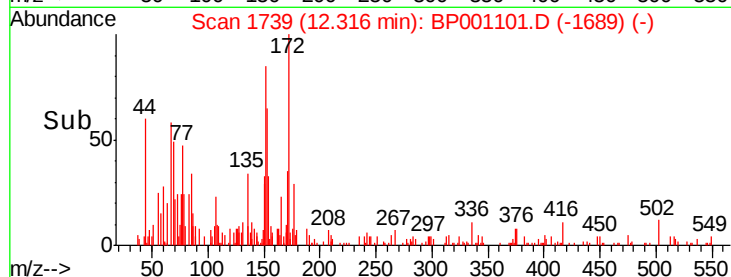
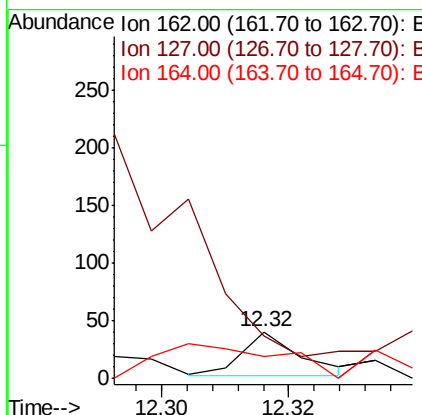
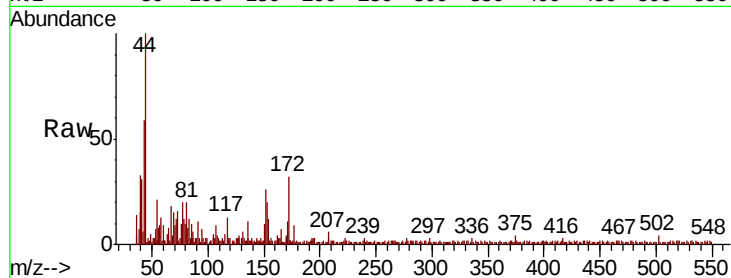




#47  
2-Chloronaphthalene  
Concen: 0.001 ng  
RT: 12.32 min Scan# 1739  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

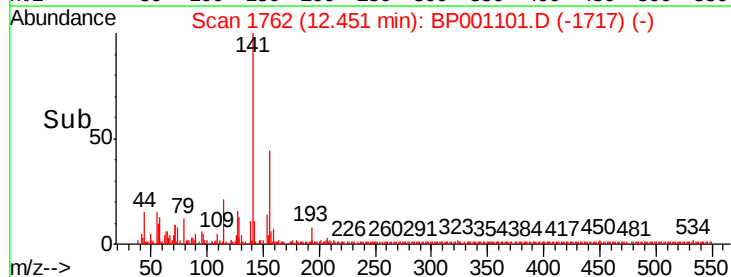
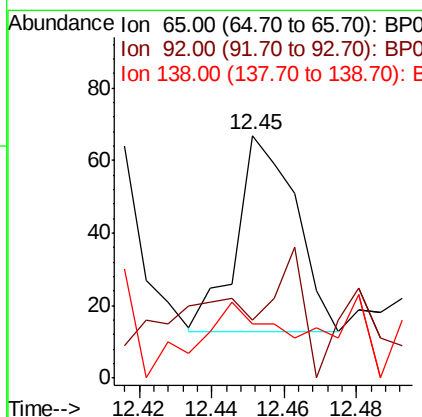
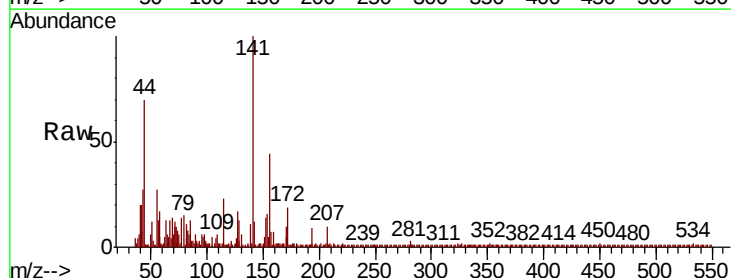
Instrument :  
BNA\_P  
ClientSampled :

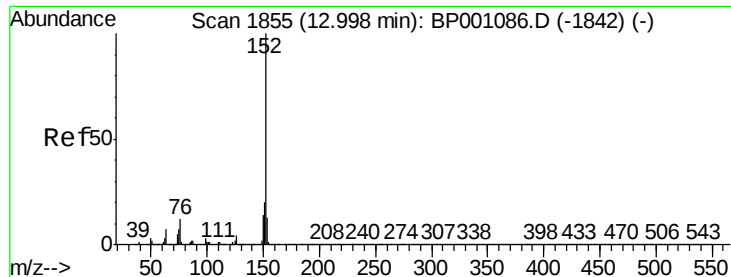
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 90.0  | 33.0  | 49.6# |
| 164     | 45.0  | 26.7  | 40.1# |



#48  
2-Nitroaniline  
Concen: 0.007 ng  
RT: 12.45 min Scan# 1762  
Delta R.T. -0.04 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 37.3  | 51.6  | 77.4#  |
| 138     | 22.4  | 67.3  | 100.9# |





#49

Acenaphthylene

Concen: 0.335 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

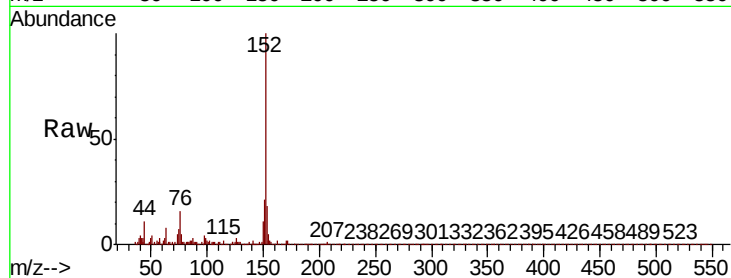
Tot Ion:152 Resp: 10650

Ion Ratio Lower Upper

152 100

151 21.3 15.8 23.8

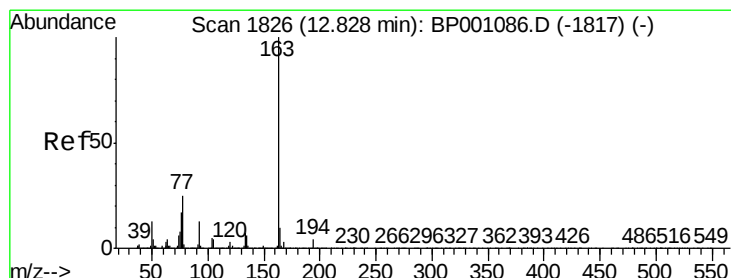
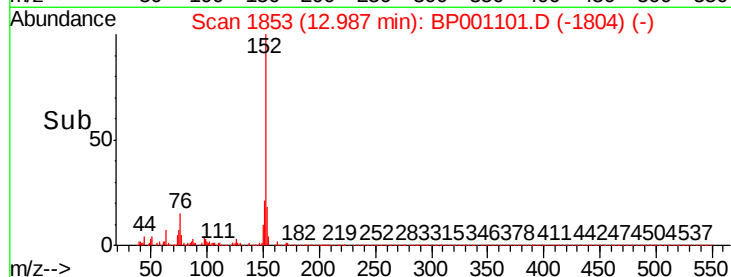
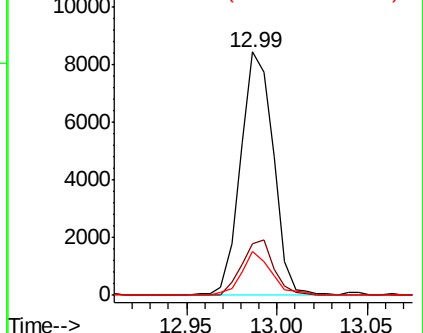
153 18.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.245 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

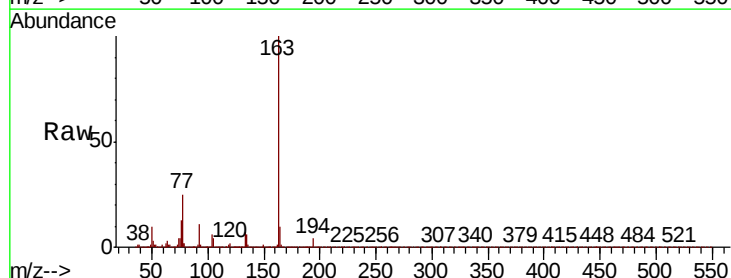
Tgt Ion:163 Resp: 263408

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

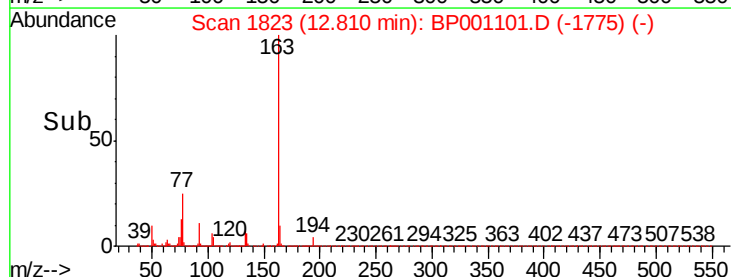
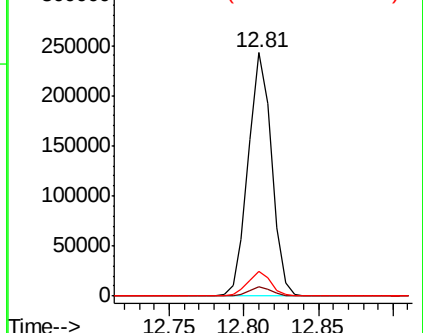
164 10.0 8.1 12.1

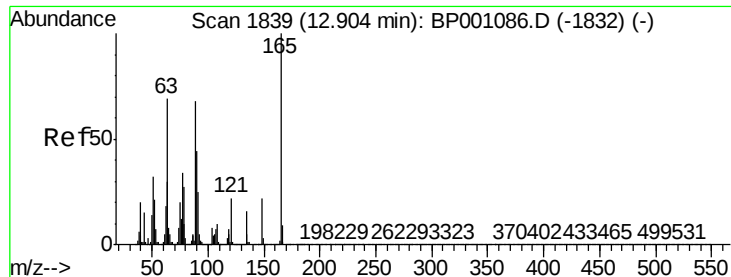


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

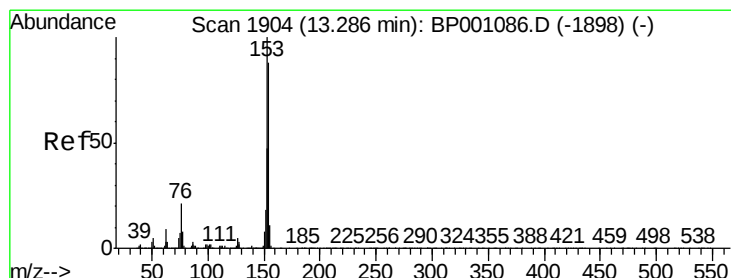
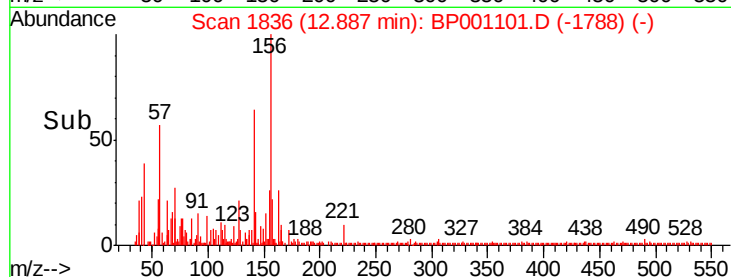
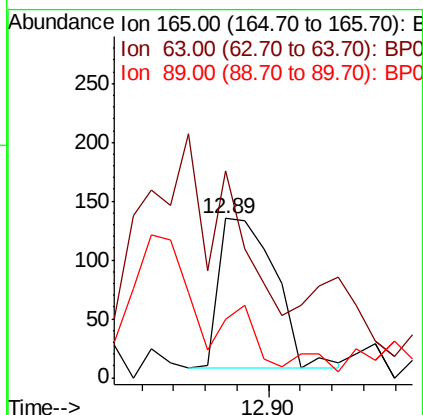
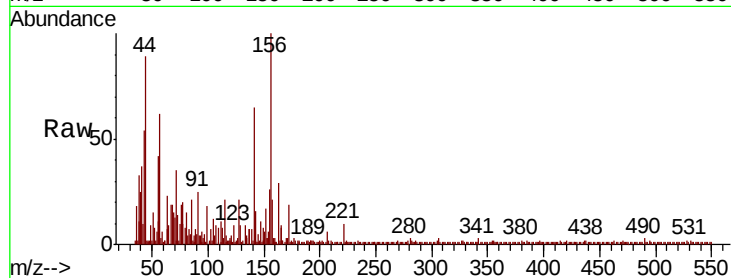




#51  
2,6-Dinitrotoluene  
Concen: 0.028 ng  
RT: 12.89 min Scan# 1836  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

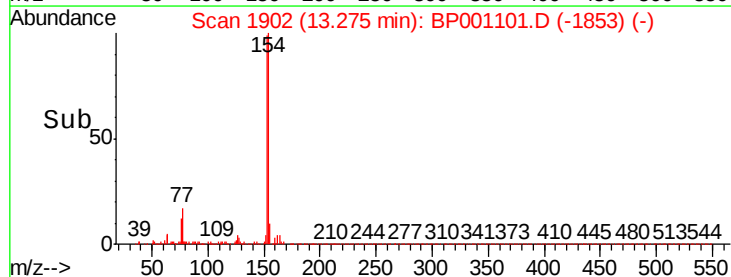
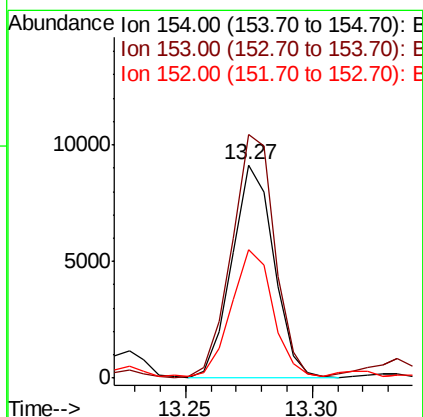
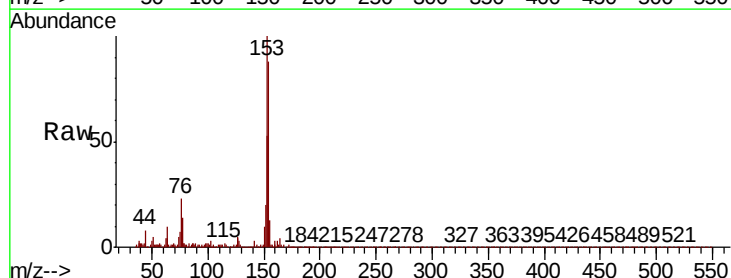
Instrument :  
BNA\_P  
ClientSampleId :

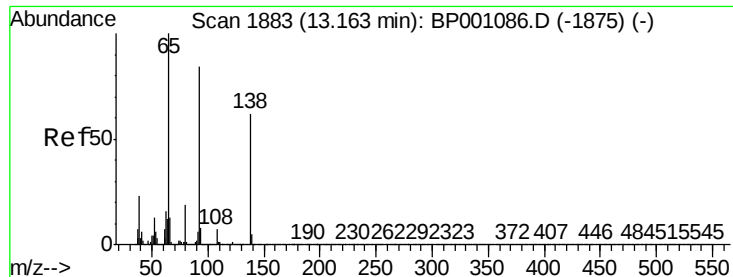
Tot Ion:165 Resp: 156  
Ion Ratio Lower Upper  
165 100  
63 130.4 55.6 83.4#  
89 37.0 54.1 81.1#



#52  
Acenaphthene  
Concen: 0.551 ng  
RT: 13.27 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:154 Resp: 10547  
Ion Ratio Lower Upper  
154 100  
153 114.2 90.5 135.7  
152 60.2 42.6 64.0

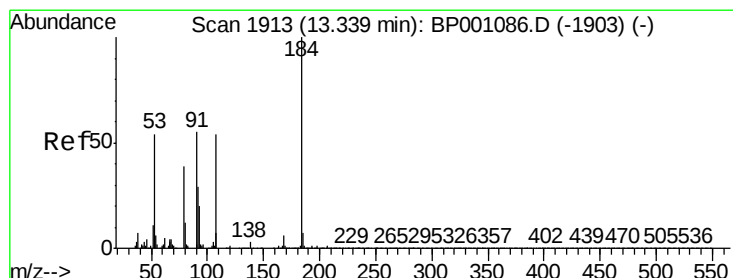
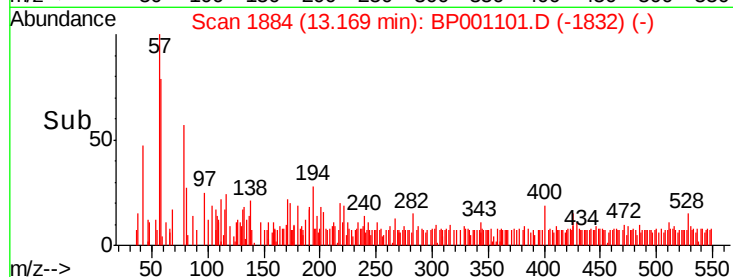
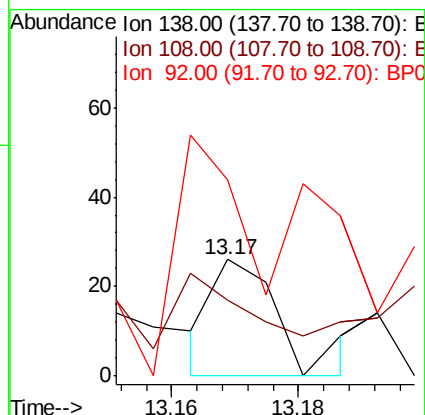
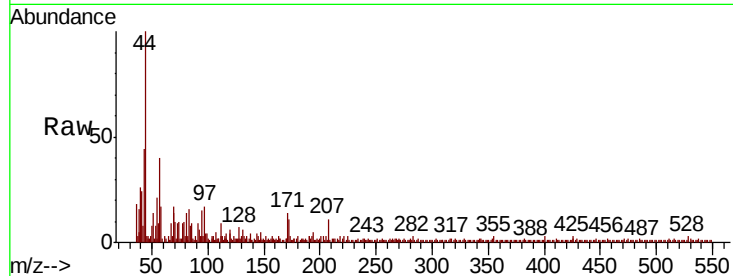




#53  
3-Nitroaniline  
Concen: 0.003 ng  
RT: 13.17 min Scan# 1884  
Delta R.T. 0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

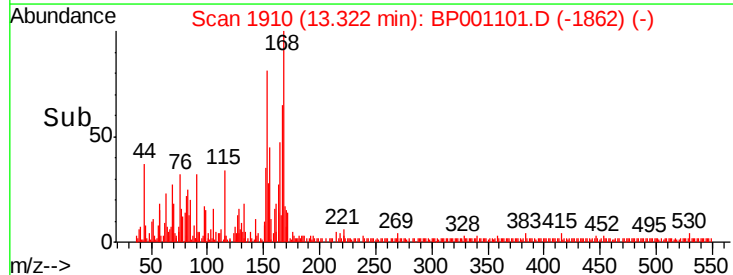
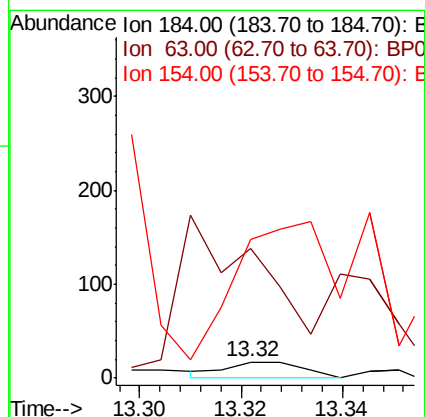
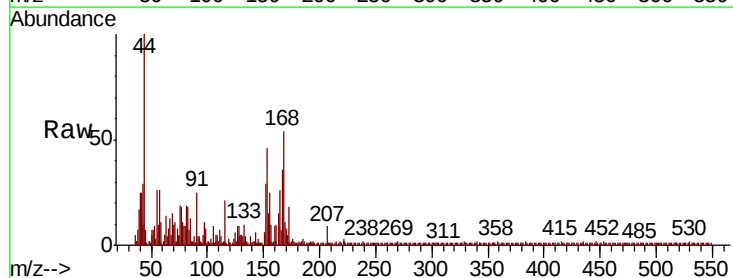
Instrument :  
BNA\_P  
ClientSampleId :

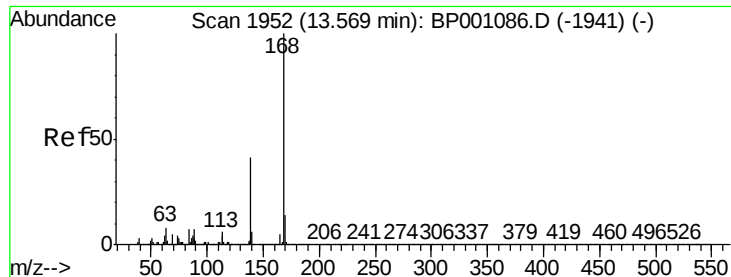
Tot Ion:138 Resp: 20  
Ion Ratio Lower Upper  
138 100  
108 65.4 9.2 13.8#  
92 169.2 107.8 161.6#



#54  
2,4-Dinitrophenol  
Concen: 7.116 ng  
RT: 13.32 min Scan# 1910  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:184 Resp: 18  
Ion Ratio Lower Upper  
184 100  
63 811.8 60.7 91.1#  
154 870.6 56.2 84.2#





#55

Dibenzofuran

Concen: 0.297 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

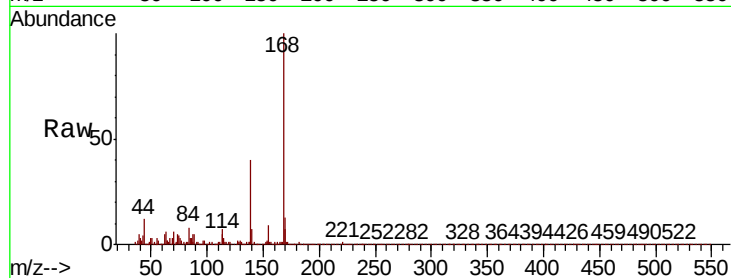
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:168 Resp: 8541

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 39.6  | 32.8  | 49.2  |
| 169 | 13.4  | 10.9  | 16.3  |

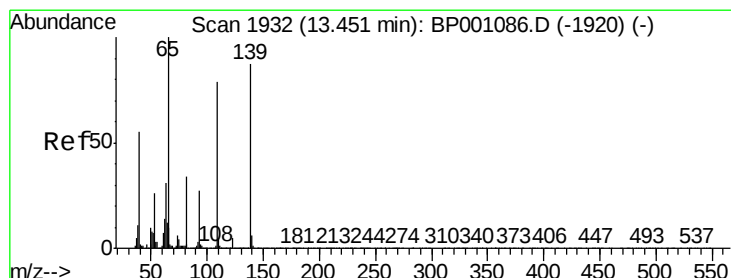
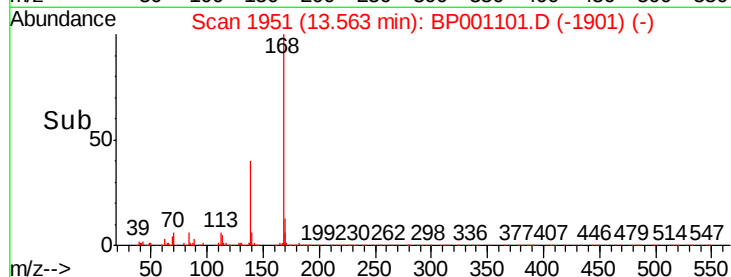
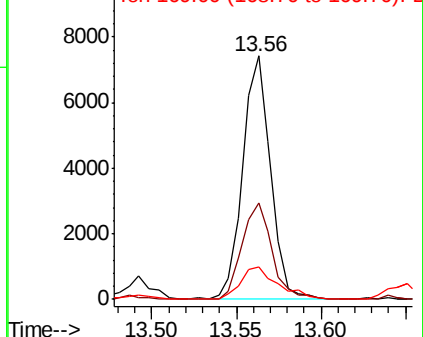


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.025 ng

RT: 13.49 min Scan# 1938

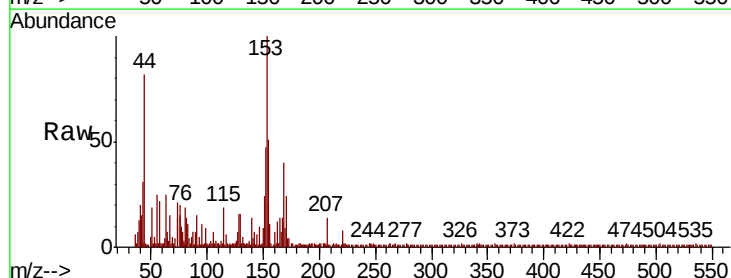
Delta R.T. 0.04 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Tgt Ion:139 Resp: 111

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 139 | 100   |       |        |
| 109 | 12.7  | 70.9  | 110.9# |
| 65  | 50.0  | 95.2  | 135.2# |

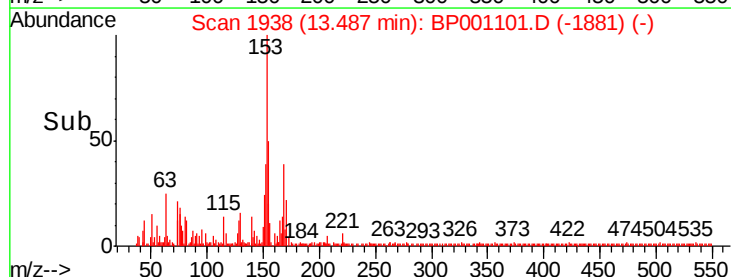
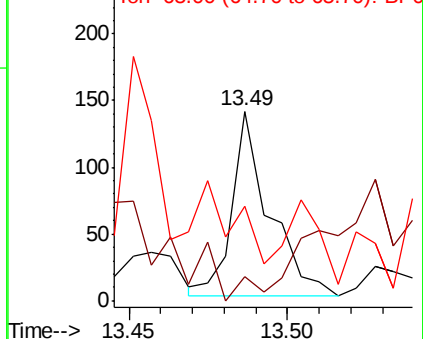


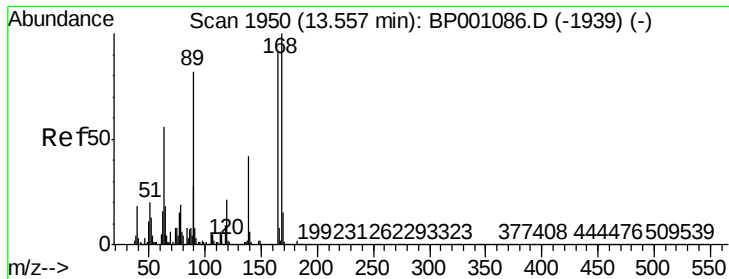
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

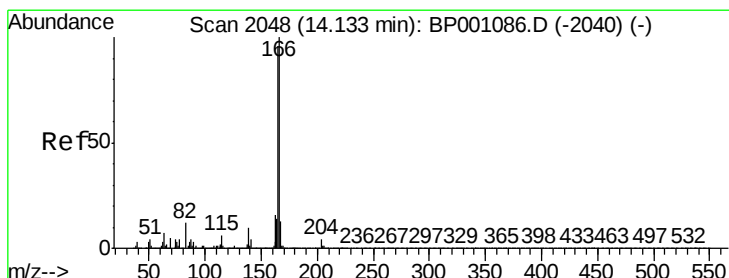
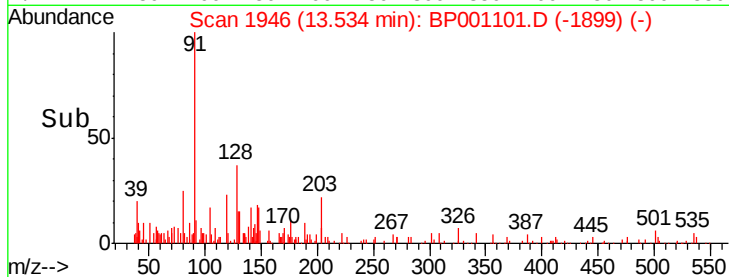
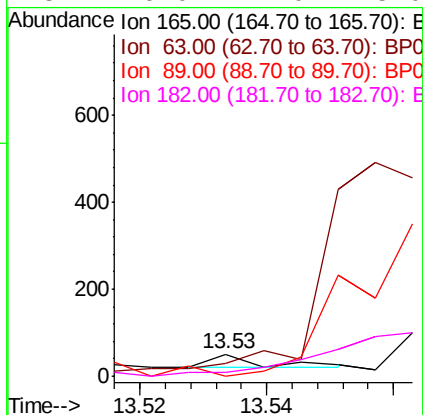
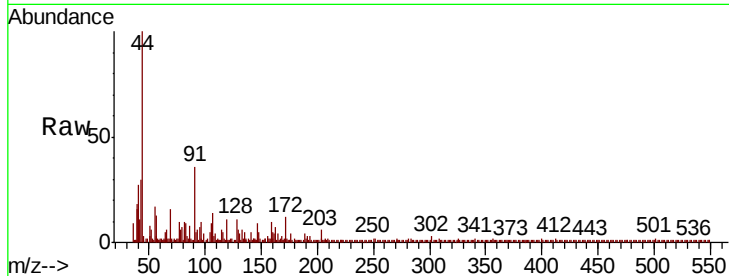




#57  
2,4-Dinitrotoluene  
Concen: 0.003 ng  
RT: 13.53 min Scan# 1946  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

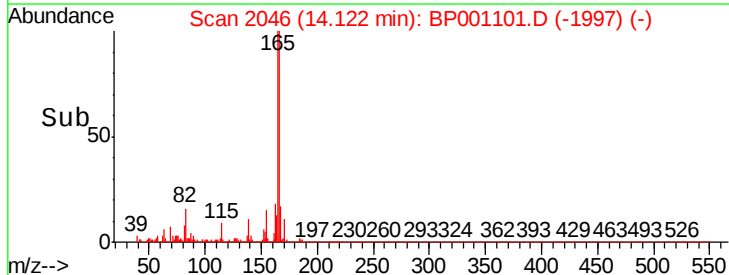
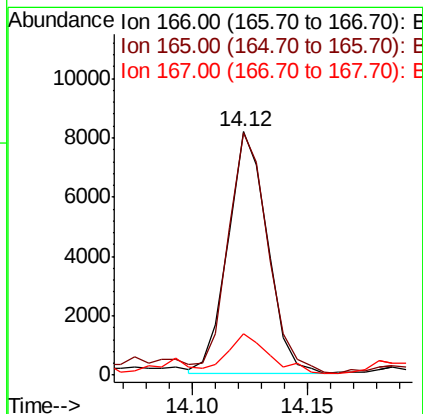
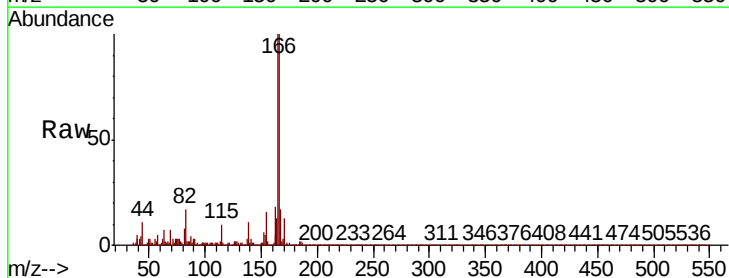
Instrument :  
BNA\_P  
ClientSampleId :

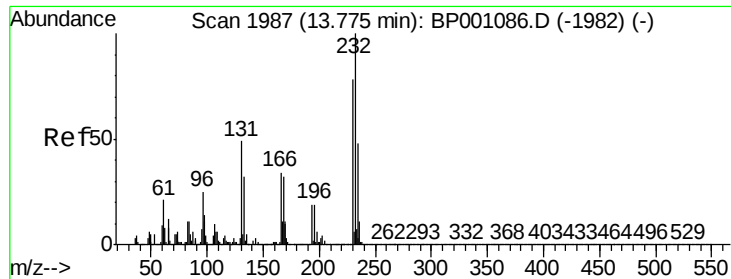
Tot Ion:165 Resp: 19  
Ion Ratio Lower Upper  
165 100  
63 56.0 49.4 74.2  
89 26.0 72.1 108.1#  
182 16.0 2.0 3.0#



#58  
Fluorene  
Concen: 0.423 ng  
RT: 14.12 min Scan# 2046  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:166 Resp: 9740  
Ion Ratio Lower Upper  
166 100  
165 99.6 76.7 115.1  
167 17.2 10.5 15.7#

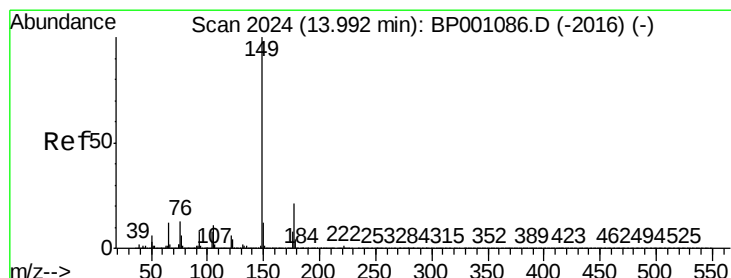
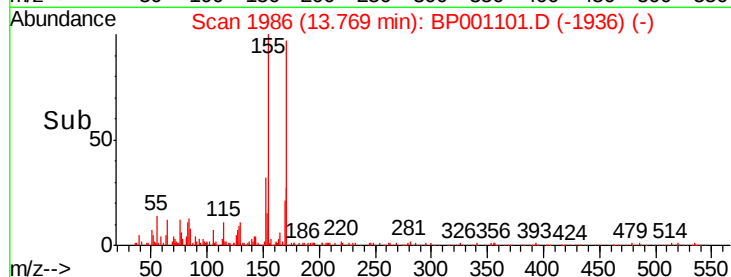
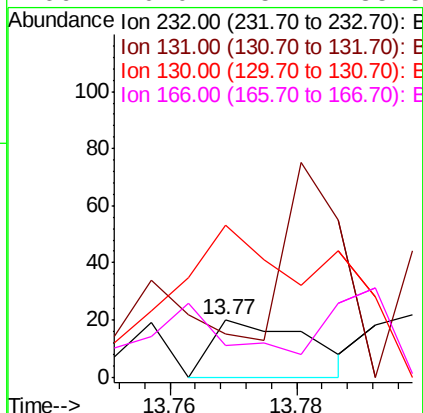
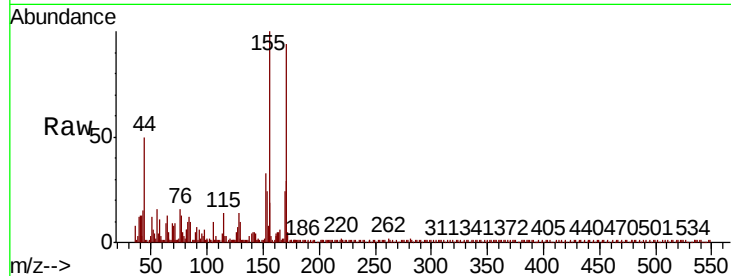




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 0.003 ng  
RT: 13.77 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

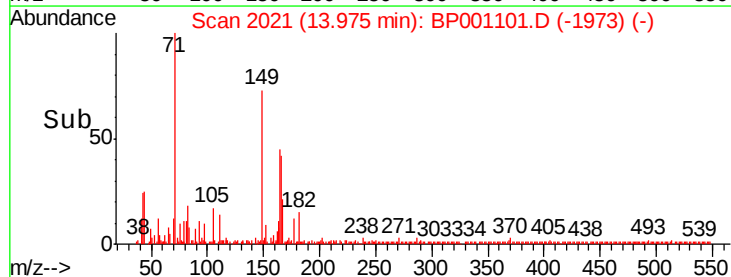
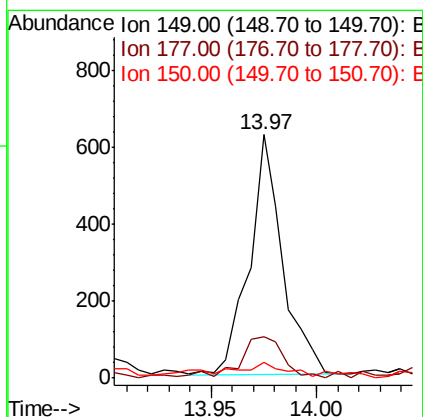
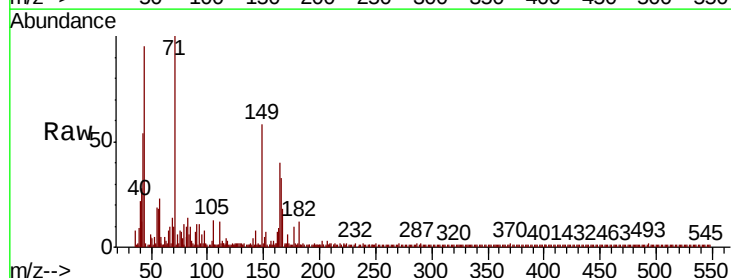
Instrument :  
BNA\_P  
ClientSampled :

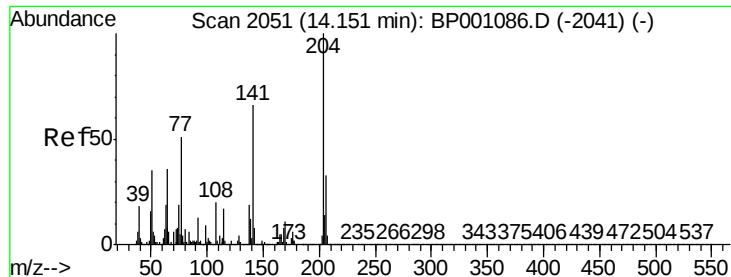
Tot Ion:232 Resp: 21  
Ion Ratio Lower Upper  
232 100  
131 0.0 39.6 59.4#  
130 452.4 1.9 2.9#  
166 0.0 25.7 38.5#



#60  
Diethylphthalate  
Concen: 0.026 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:149 Resp: 685  
Ion Ratio Lower Upper  
149 100  
177 16.7 17.0 25.6#  
150 6.5 9.9 14.9#

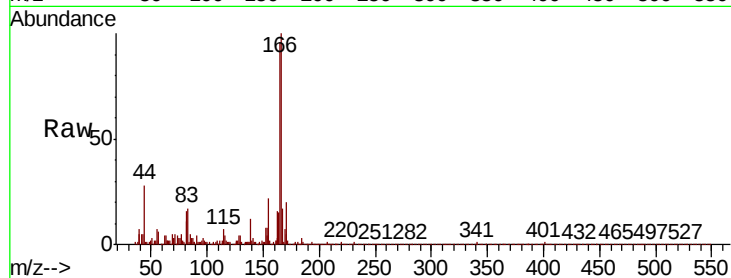




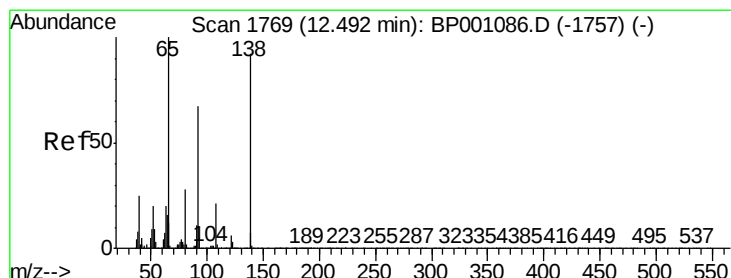
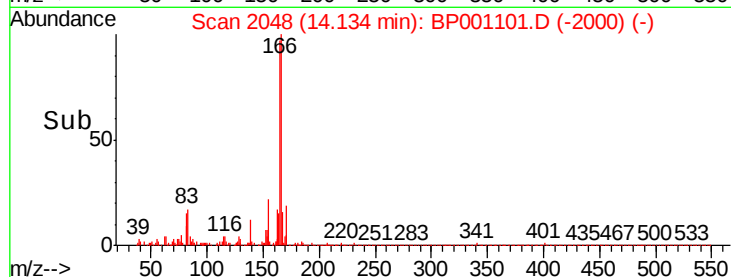
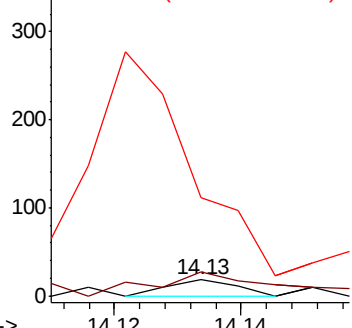
#61  
4-Chlorophenyl-phenylether  
Concen: 0.001 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:204 Resp: 13  
Ion Ratio Lower Upper  
204 100  
206 150.0 26.1 39.1#  
141 616.7 52.7 79.1#

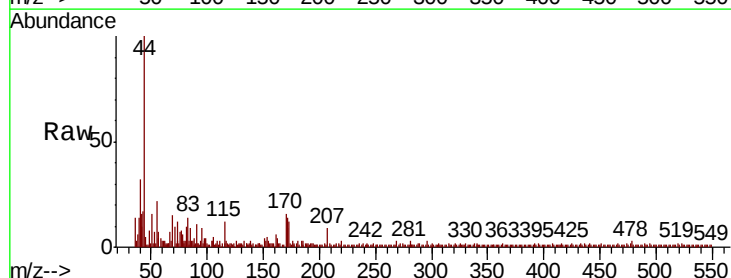


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

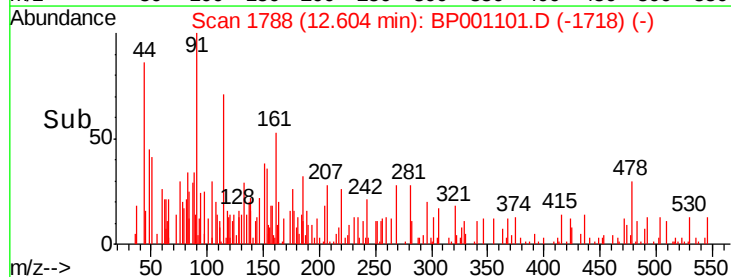
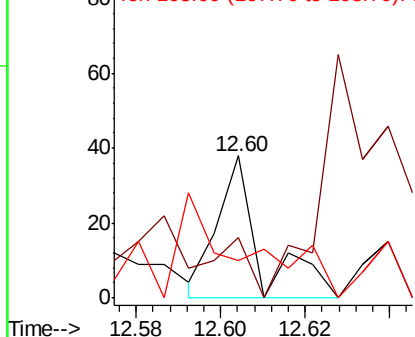


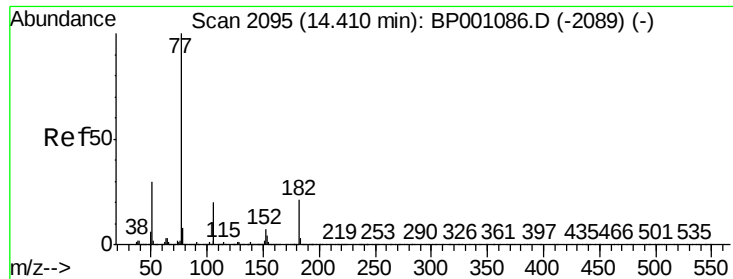
#62  
4-Nitroaniline  
Concen: 0.004 ng  
RT: 12.60 min Scan# 1788  
Delta R.T. 0.11 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:138 Resp: 27  
Ion Ratio Lower Upper  
138 100  
92 65.8 53.3 93.3  
108 26.3 3.1 43.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BP0  
Ion 108.00 (107.70 to 108.70): E

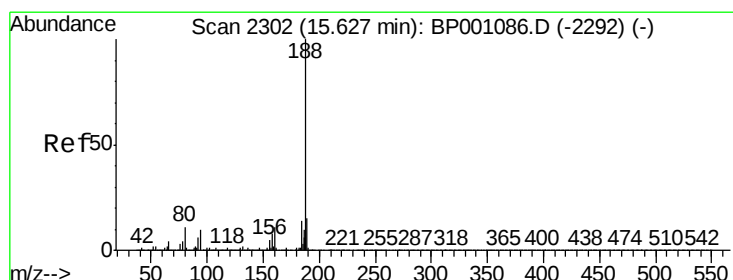
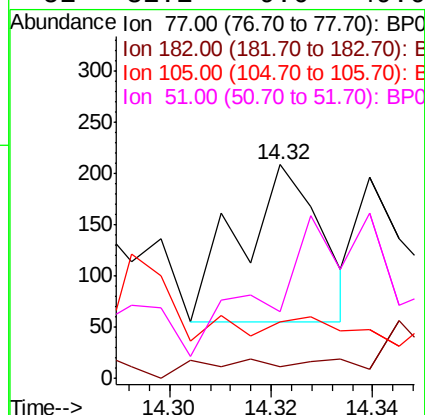
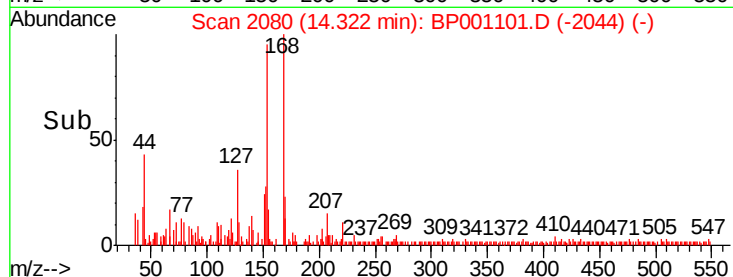
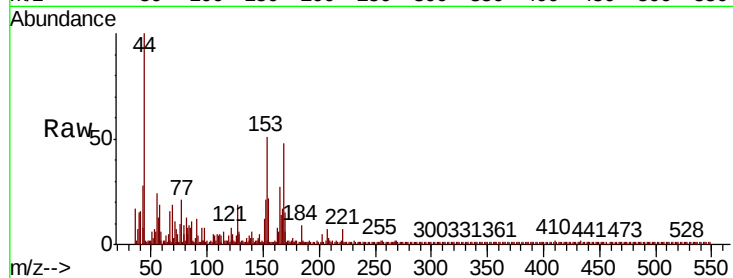




#63  
Azobenzene  
Concen: 0.006 ng  
RT: 14.32 min Scan# 2080  
Delta R.T. -0.09 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

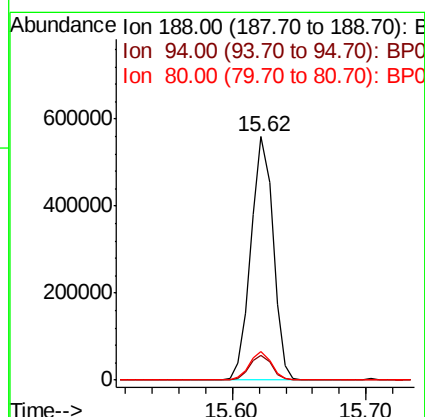
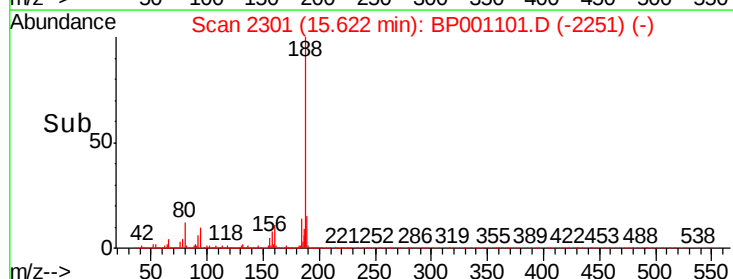
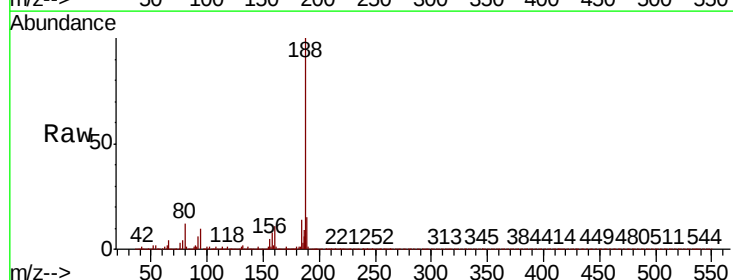
Instrument :  
BNA\_P  
ClientSampled :

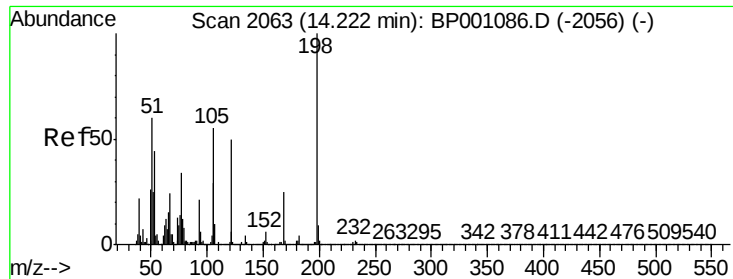
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 170   |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 5.3   | 0.8   | 40.8  |
| 105      | 26.3  | 0.3   | 40.3  |
| 51       | 31.1  | 9.6   | 49.6  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 639121 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.3  | 7.9   | 11.9   |
| 80       | 11.8  | 8.8   | 13.2   |

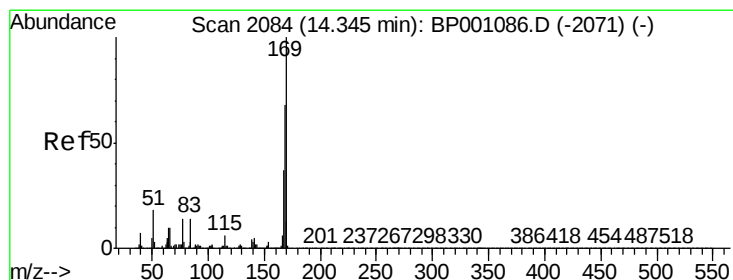
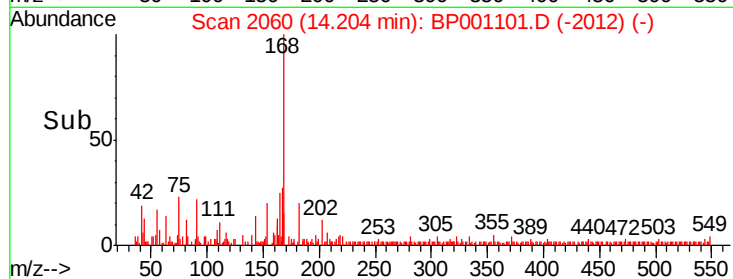
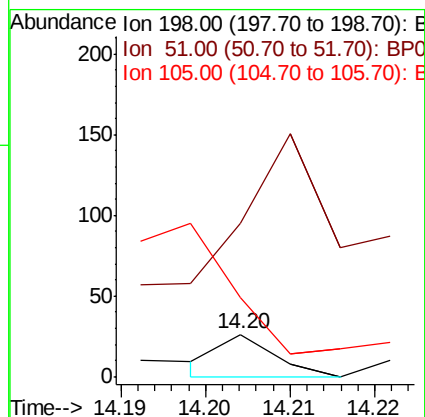
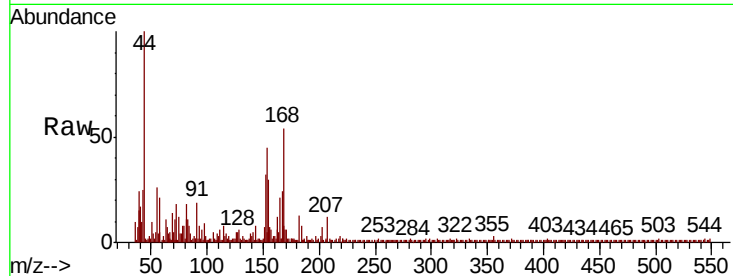




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.280 ng  
RT: 14.20 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

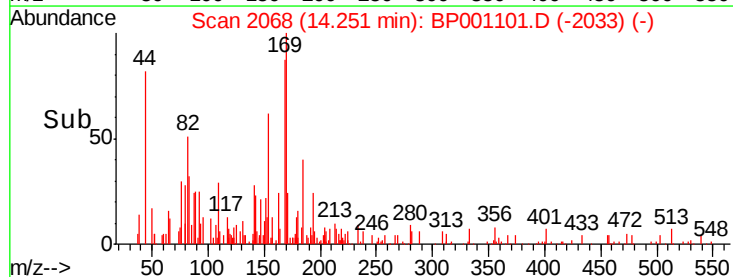
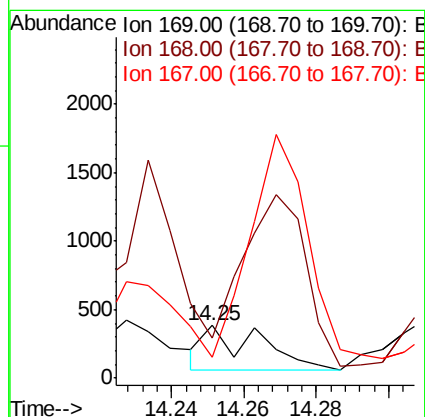
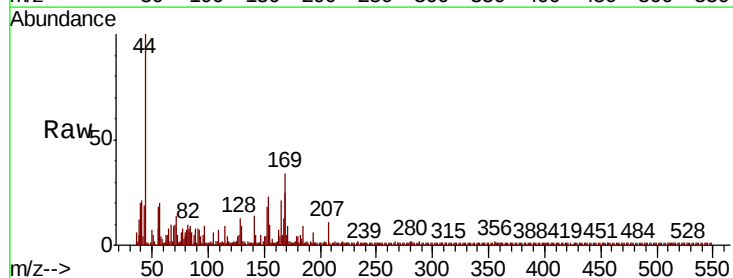
Instrument :  
BNA\_P  
ClientSampleId :

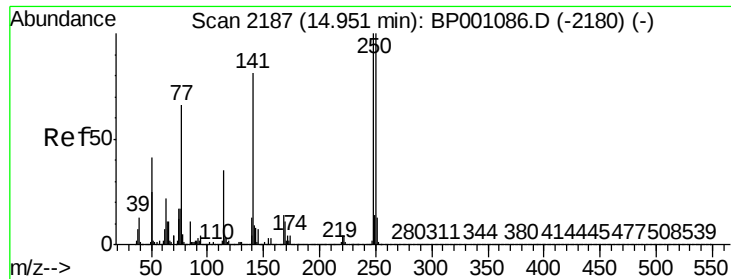
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 365.4 | 40.5  | 80.5# |
| 105     | 188.5 | 35.7  | 75.7# |



#66  
n-Nitrosodiphenylamine  
Concen: 0.018 ng  
RT: 14.25 min Scan# 2068  
Delta R.T. -0.09 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 75.3  | 54.1  | 81.1  |
| 167     | 39.0  | 29.5  | 44.3  |

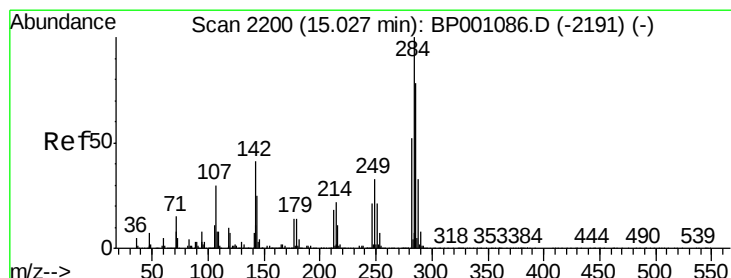
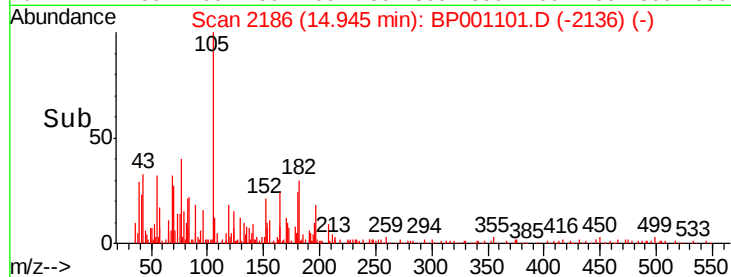
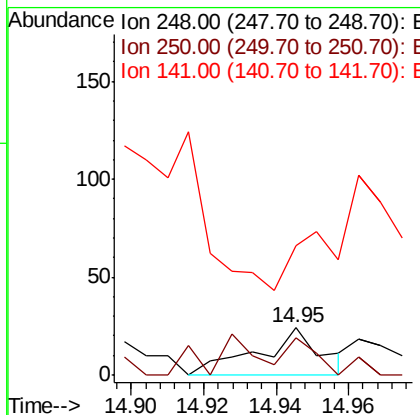
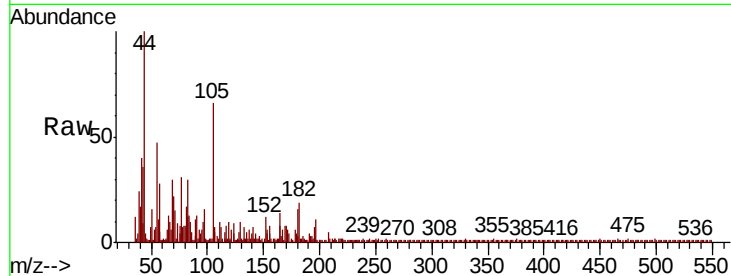




#67  
4-Bromophenyl-phenylether  
Concen: 0.004 ng  
RT: 14.95 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

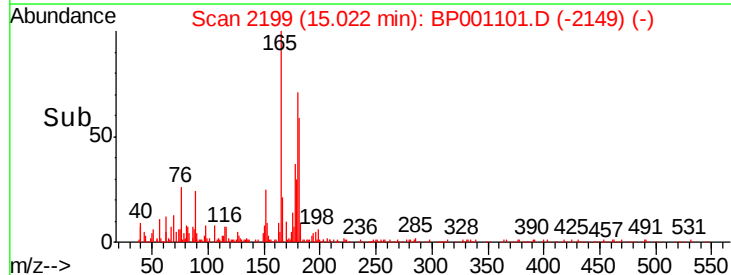
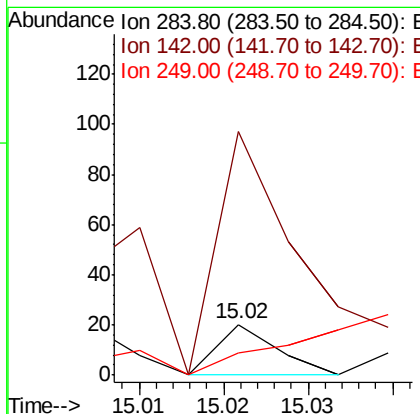
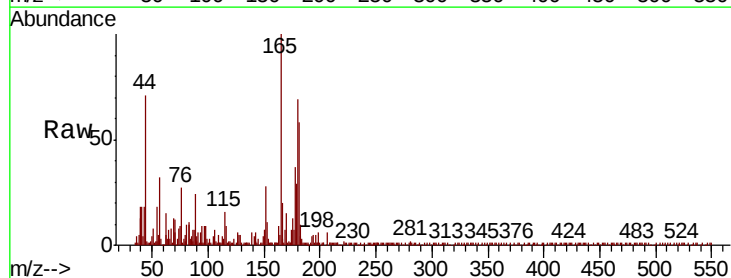
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:248 Resp: 29  
Ion Ratio Lower Upper  
248 100  
250 79.2 80.3 120.5#  
141 275.0 64.9 97.3#



#68  
Hexachlorobenzene  
Concen: 0.001 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:284 Resp: 10  
Ion Ratio Lower Upper  
284 100  
142 485.0 33.2 49.8#  
249 45.0 26.2 39.4#

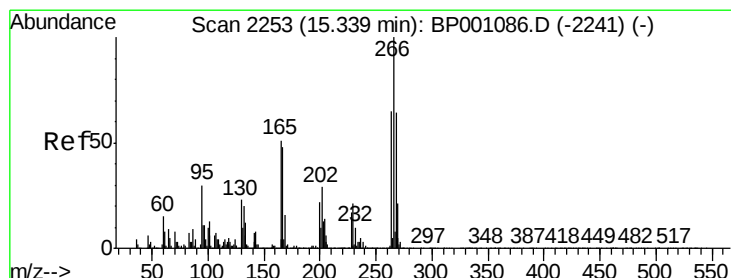
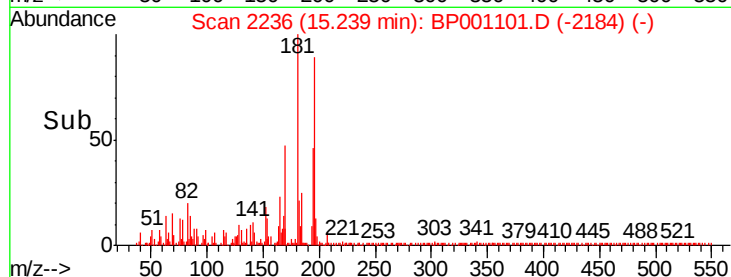
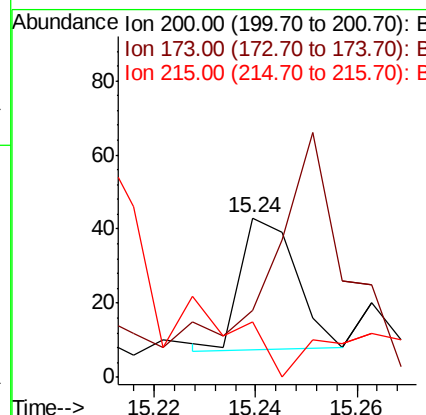
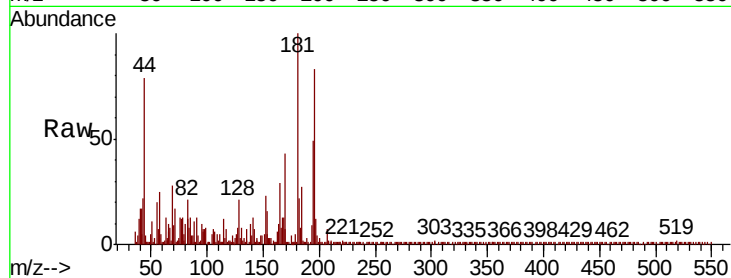




#69  
Atrazine  
Concen: 0.005 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. 0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

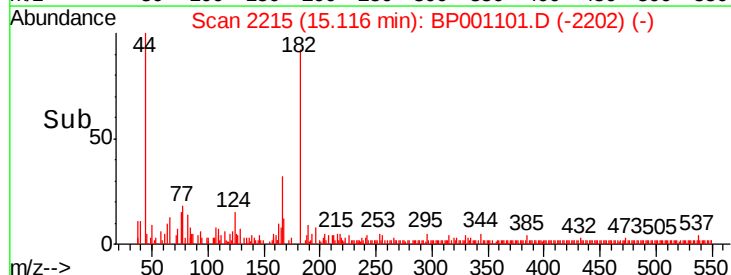
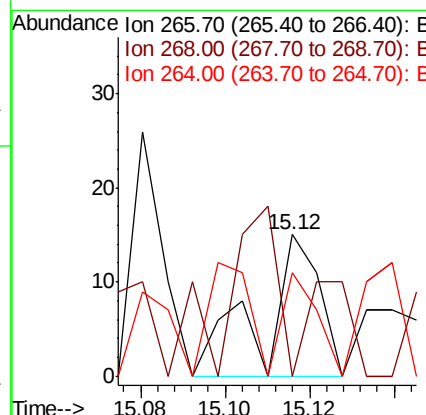
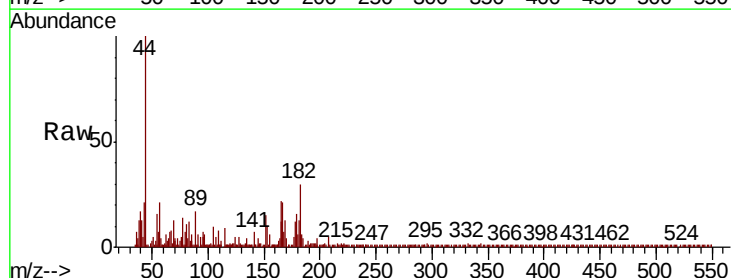
Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 41.9  | 6.7   | 46.7  |
| 215     | 34.9  | 27.9  | 67.9  |



#70  
Pentachlorophenol  
Concen: 0.004 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.22 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.7  | 51.6  | 77.4  |
| 264     | 73.3  | 52.2  | 78.4  |

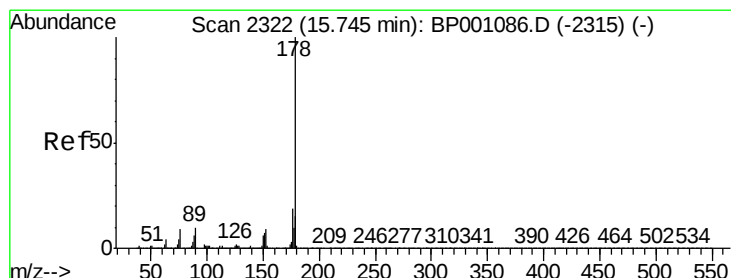
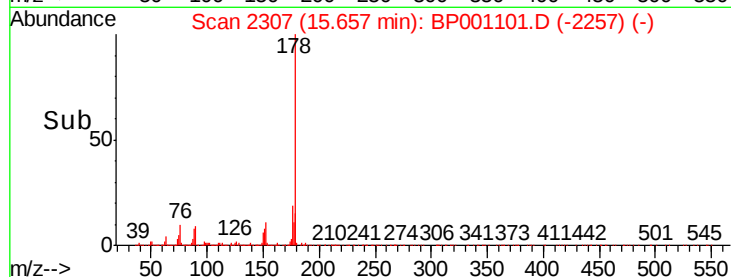
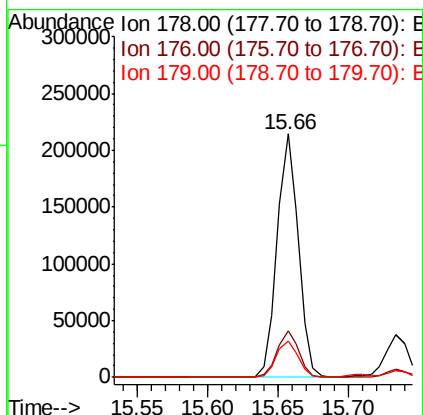
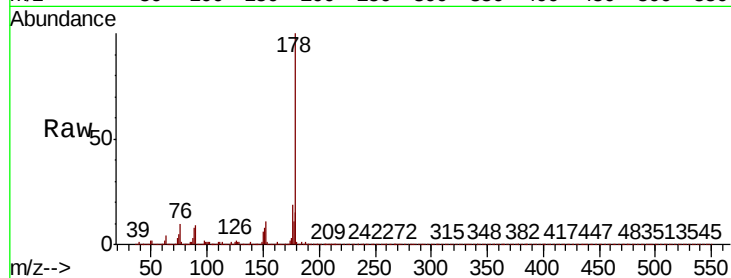




#71  
Phenanthrene  
Concen: 6.720 ng  
RT: 15.66 min Scan# 2307  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

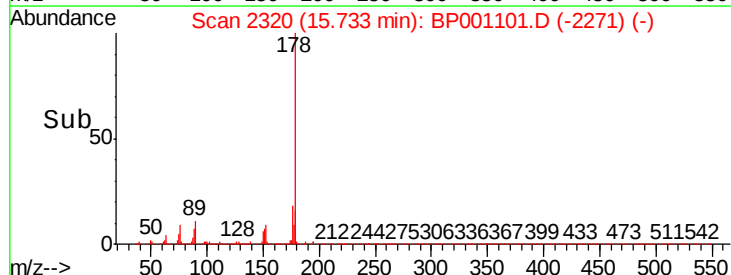
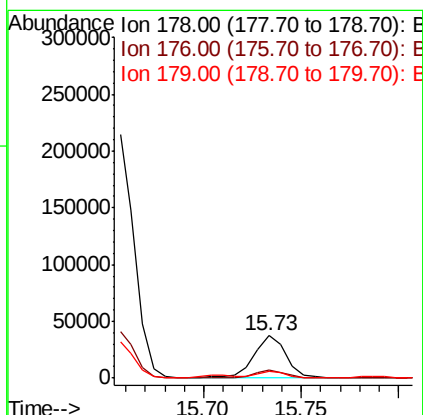
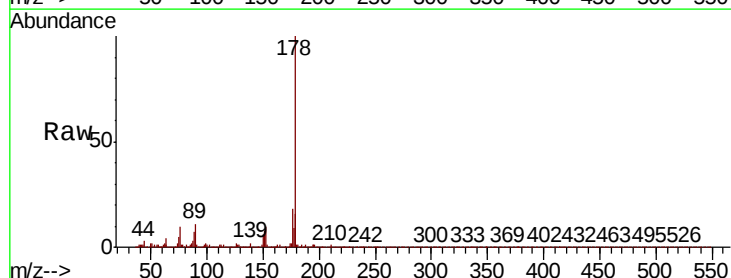
Instrument :  
BNA\_P  
ClientSampled :

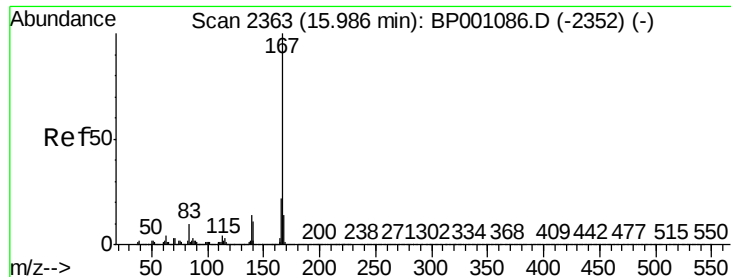
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.4  | 23.2  |
| 179     | 15.1  | 12.5  | 18.7  |



#72  
Anthracene  
Concen: 1.263 ng  
RT: 15.73 min Scan# 2320  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.8  | 14.9  | 22.3  |
| 179     | 16.2  | 12.2  | 18.4  |

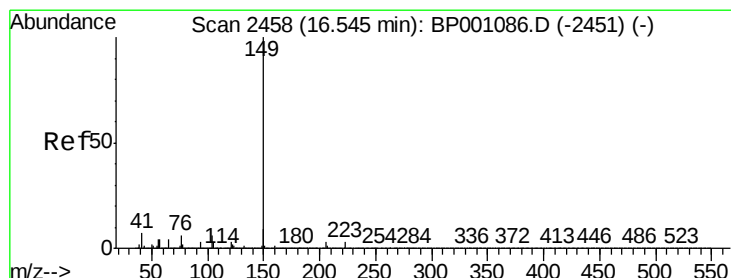
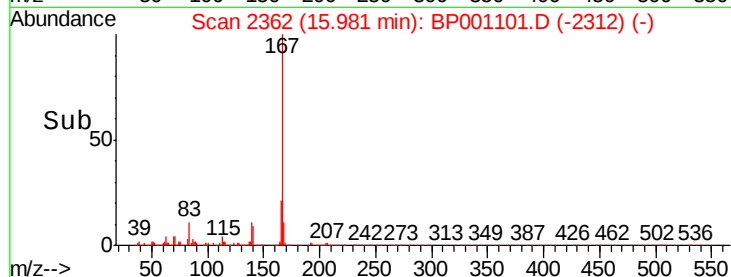
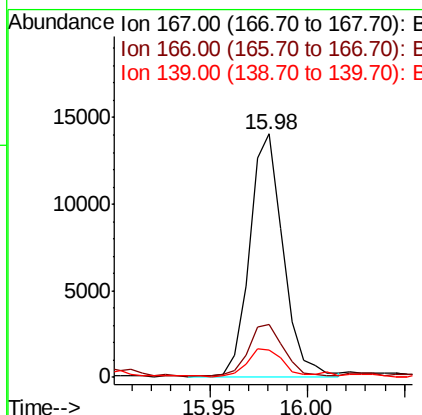
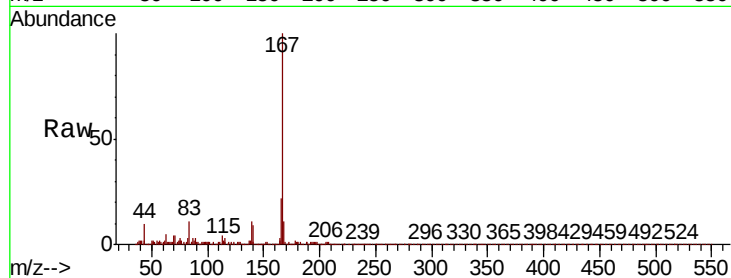




#73  
 Carbazole  
 Concen: 0.555 ng  
 RT: 15.98 min Scan# 2362  
 Delta R.T. -0.01 min  
 Lab File: BP001101.D  
 Acq: 28 Nov 2019 01:36

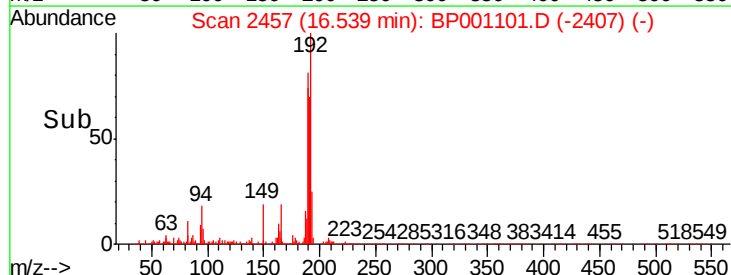
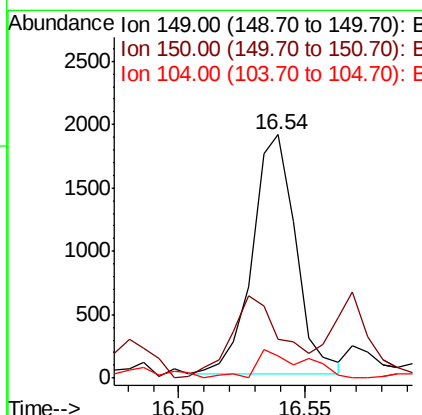
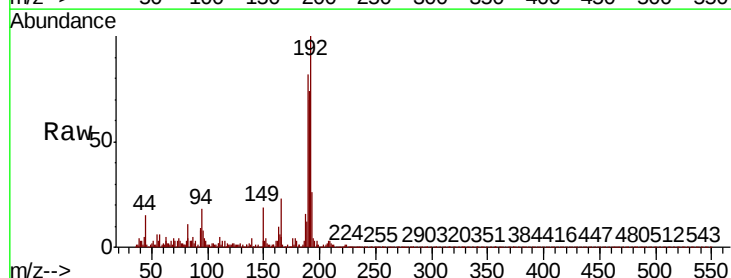
Instrument :  
 BNA\_P  
 ClientSampleId :

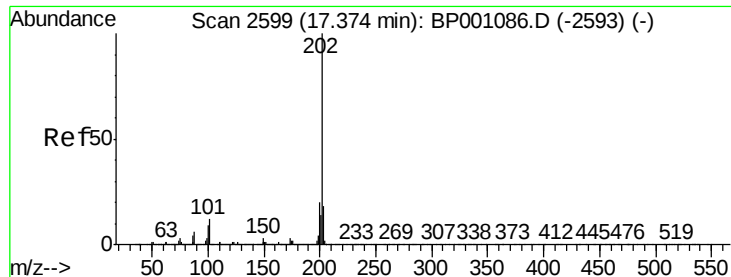
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.2  | 25.8  |
| 139     | 11.3  | 11.3  | 16.9  |



#74  
 Di-n-butylphthalate  
 Concen: 0.055 ng  
 RT: 16.54 min Scan# 2457  
 Delta R.T. -0.01 min  
 Lab File: BP001101.D  
 Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 15.8  | 7.4   | 11.2# |
| 104     | 9.3   | 4.6   | 6.8#  |





#75

Fluoranthene

Concen: 10.688 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP001101.D

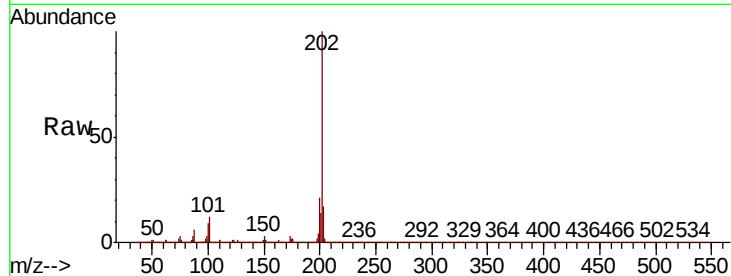
Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 380203 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.1  | 0.0   | 32.1   |
| 203       | 17.4  | 0.0   | 37.8   |

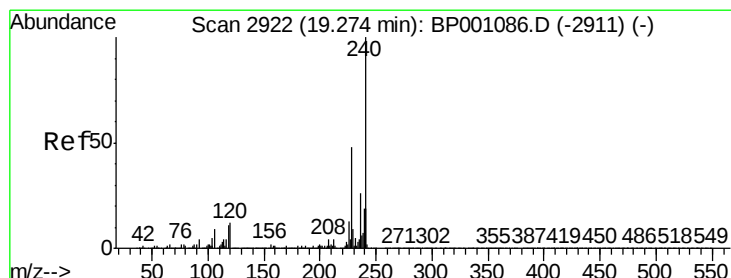
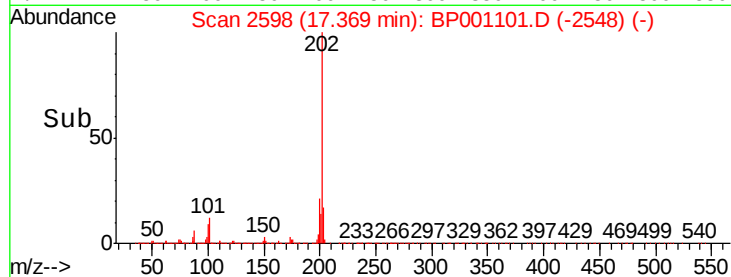
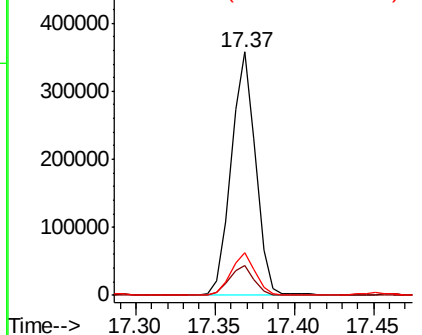


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

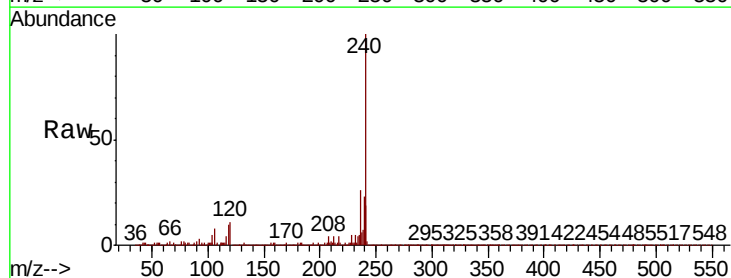
RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 506408 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.8  | 9.5   | 14.3   |
| 236       | 26.3  | 20.4  | 30.6   |

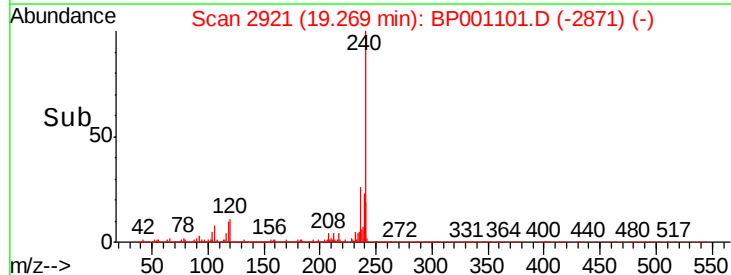
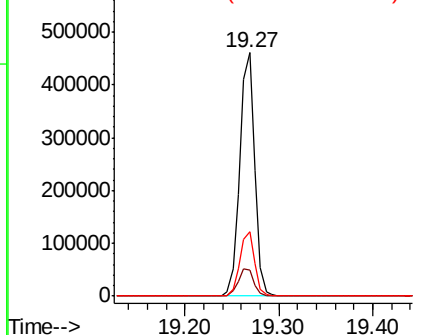


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

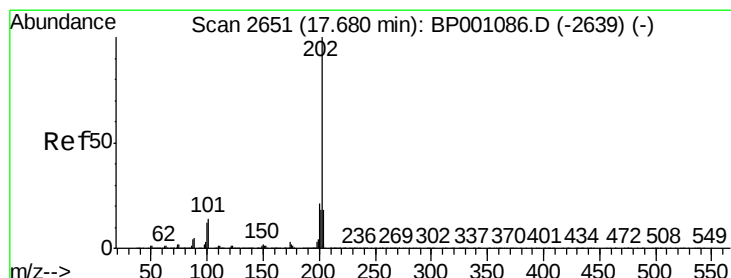
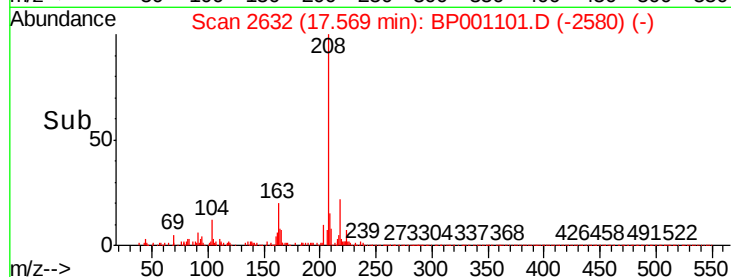
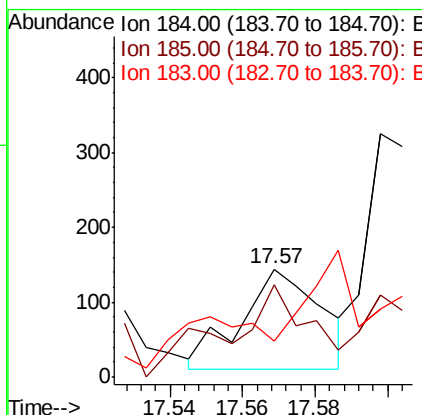
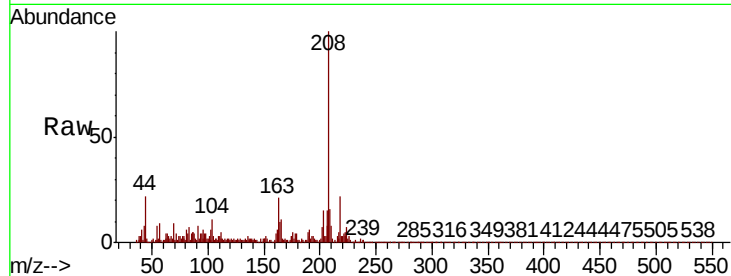




#77  
Benzidine  
Concen: 0.016 ng  
RT: 17.57 min Scan# 2632  
Delta R.T. 0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

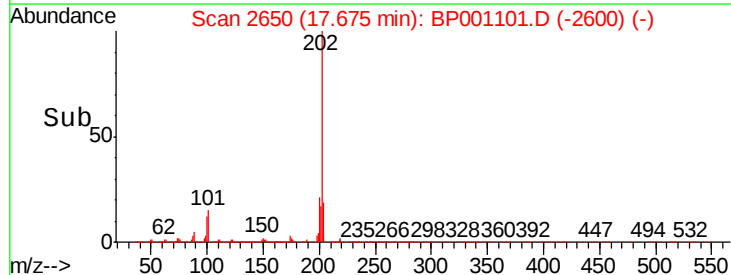
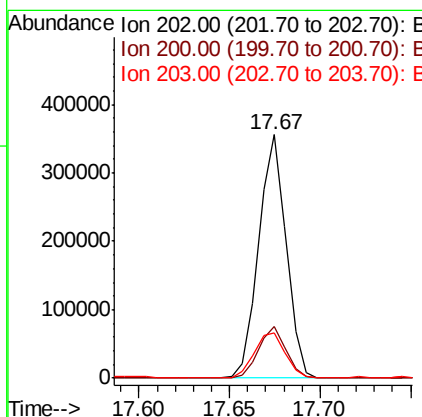
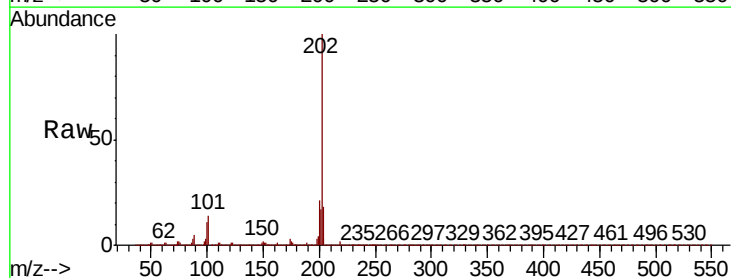
Instrument :  
BNA\_P  
ClientSampled :

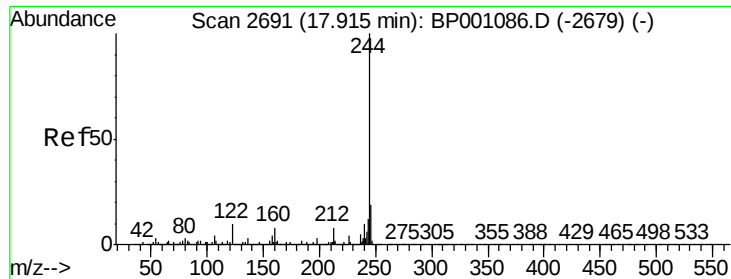
Tot Ion:184 Resp: 204  
Ion Ratio Lower Upper  
184 100  
185 85.4 12.2 18.4#  
183 33.3 9.3 13.9#



#78  
Pyrene  
Concen: 9.423 ng  
RT: 17.67 min Scan# 2650  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:202 Resp: 375862  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 18.4 14.1 21.1

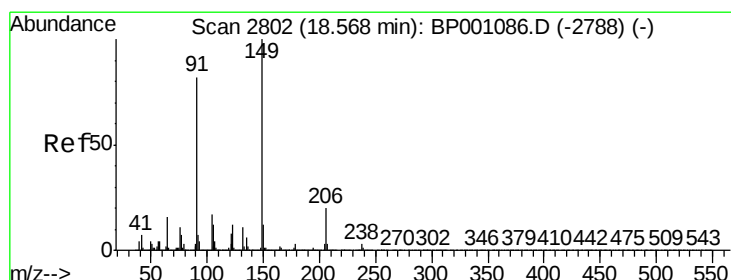
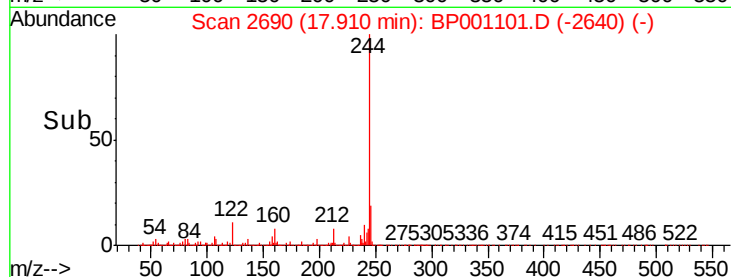
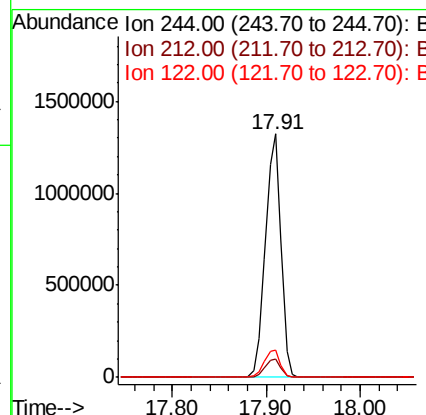
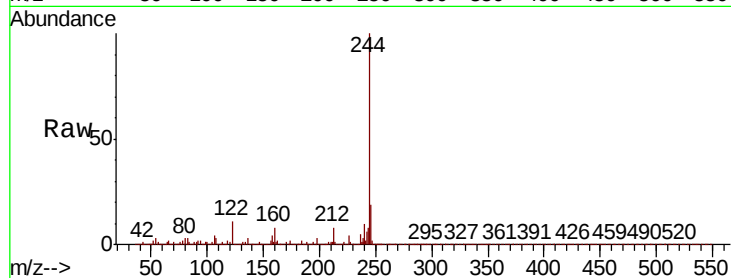




#79  
 Terphenyl-d14  
 Concen: 55.334 ng  
 RT: 17.91 min Scan# 2690  
 Delta R.T. -0.01 min  
 Lab File: BP001101.D  
 Acq: 28 Nov 2019 01:36

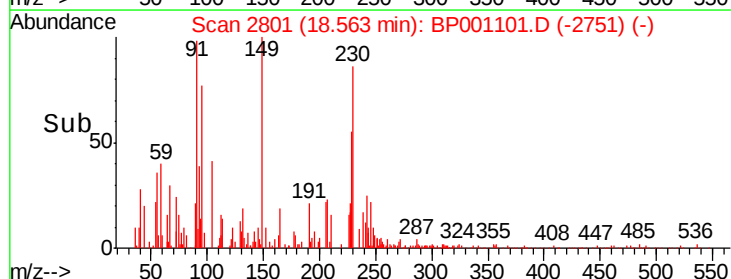
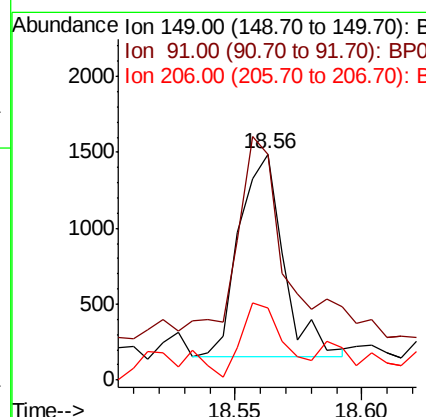
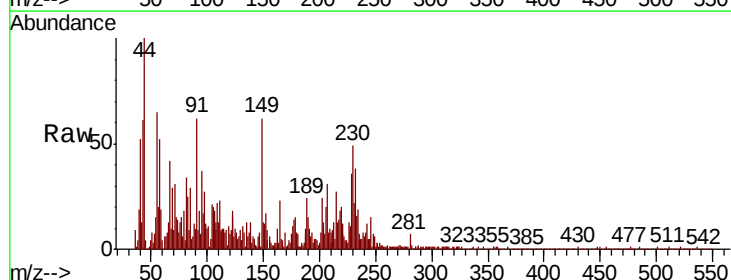
Instrument :  
 BNA\_P  
 ClientSampleId :

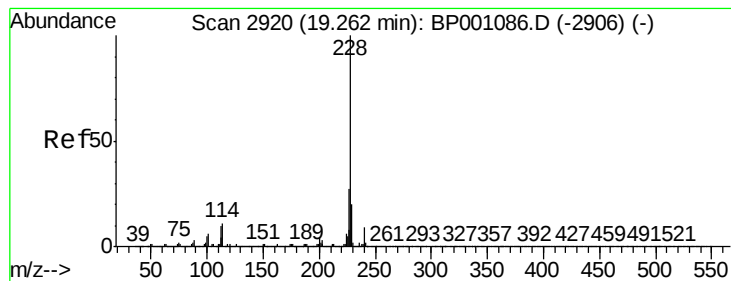
Tot Ion:244 Resp: 1514598  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 11.0 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 0.088 ng  
 RT: 18.56 min Scan# 2801  
 Delta R.T. -0.01 min  
 Lab File: BP001101.D  
 Acq: 28 Nov 2019 01:36

Tgt Ion:149 Resp: 1617  
 Ion Ratio Lower Upper  
 149 100  
 91 99.9 65.4 98.2#  
 206 31.9 16.0 24.0#





#81

Benzo(a)anthracene

Concen: 5.324 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

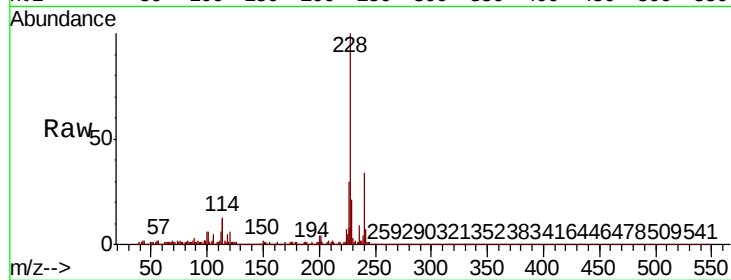
Tot Ion:228 Resp: 186917

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.6

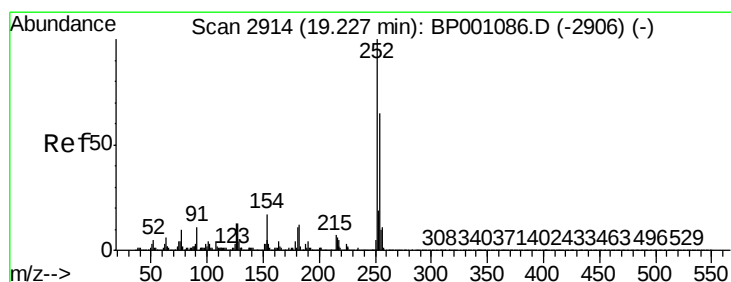
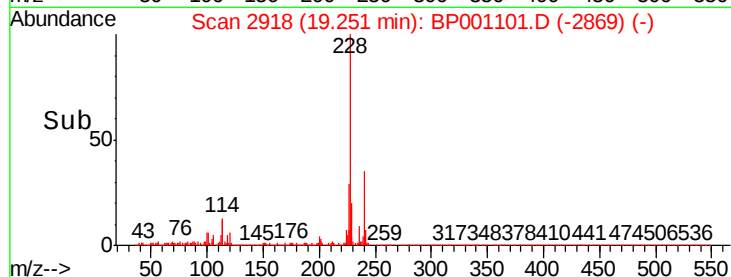
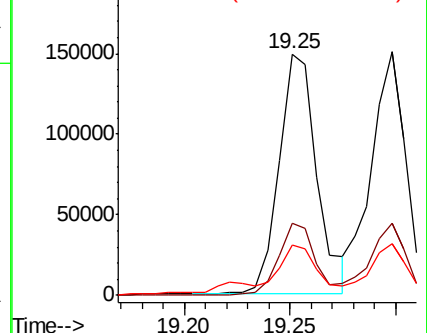
229 20.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.074 ng

RT: 19.23 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

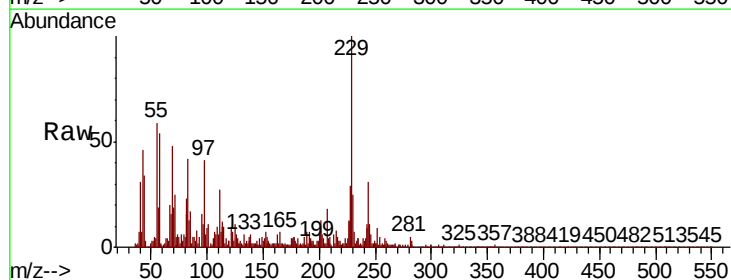
Tgt Ion:252 Resp: 855

Ion Ratio Lower Upper

252 100

254 60.5 51.7 77.5

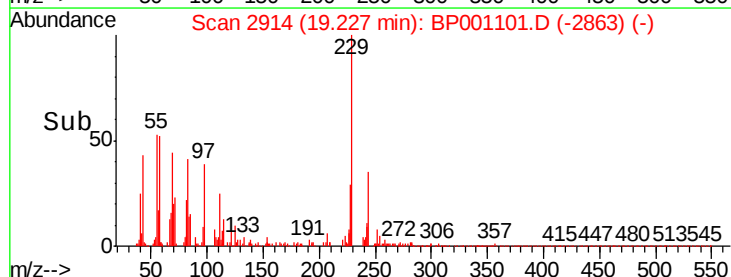
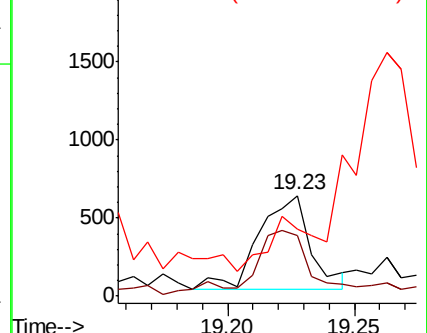
126 66.1 10.2 15.4#

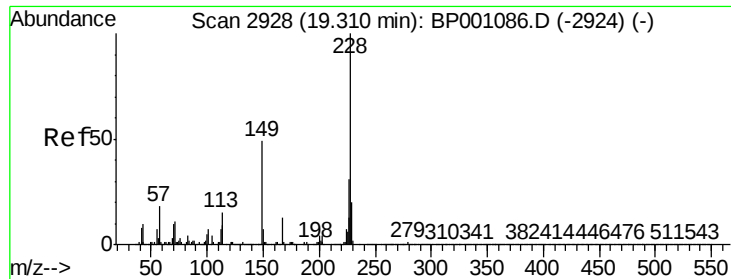


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

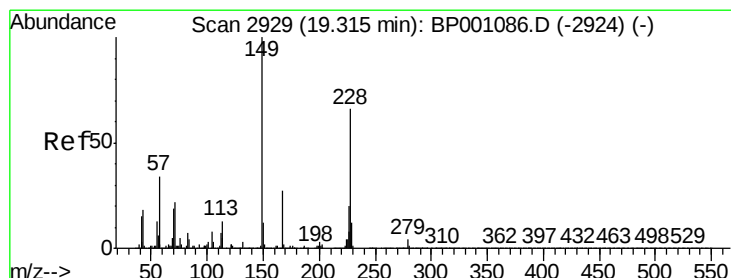
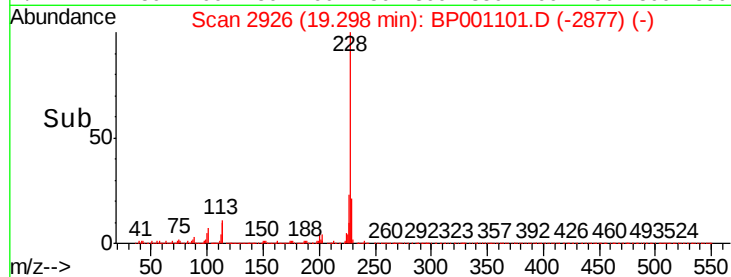
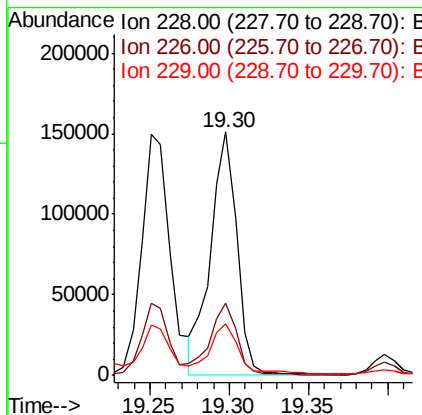
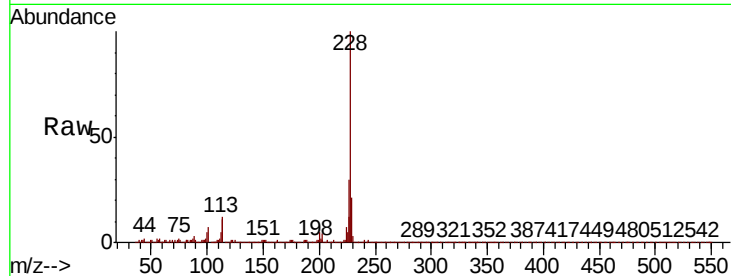




#83  
Chrysene  
Concen: 5.533 ng  
RT: 19.30 min Scan# 2926  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

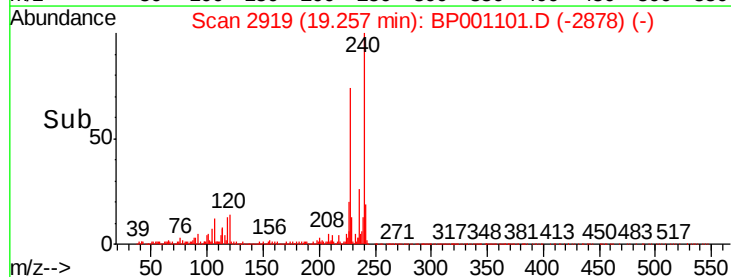
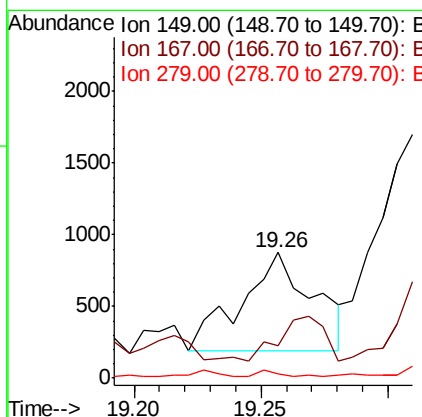
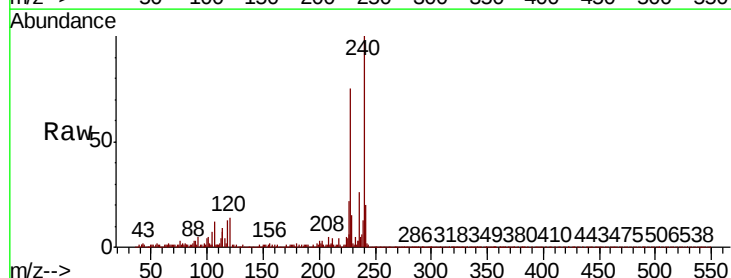
Instrument :  
BNA\_P  
ClientSampleId :

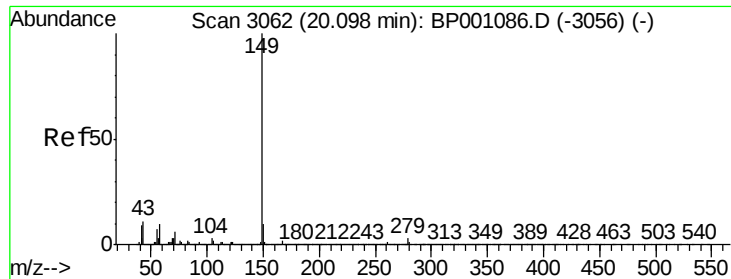
Tot Ion:228 Resp: 173956  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.4 36.6  
229 21.5 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 0.054 ng  
RT: 19.26 min Scan# 2919  
Delta R.T. -0.06 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:149 Resp: 1357  
Ion Ratio Lower Upper  
149 100  
167 25.7 21.3 31.9  
279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 20.09 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampleId :

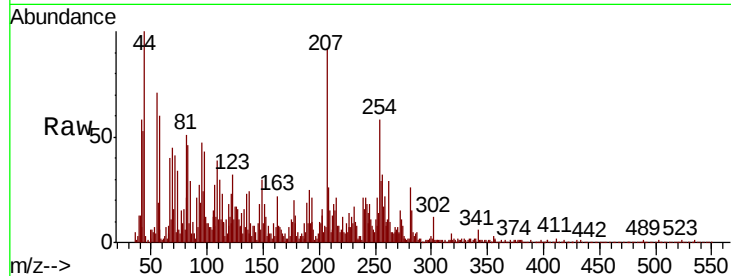
Tot Ion:149 Resp: 340

Ion Ratio Lower Upper

149 100

167 34.1 1.2 1.8#

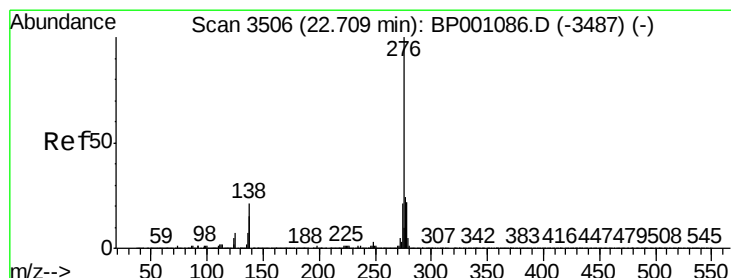
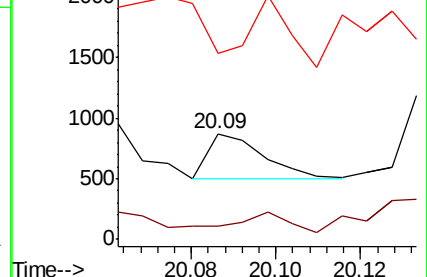
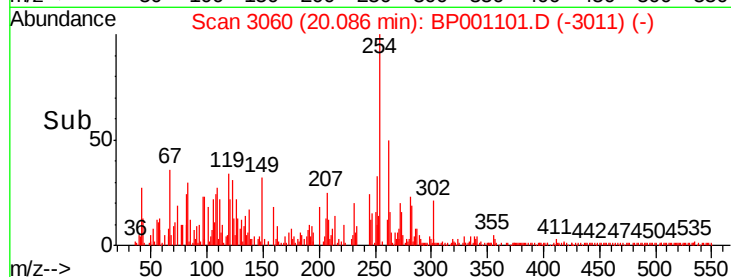
43 0.0 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.545 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

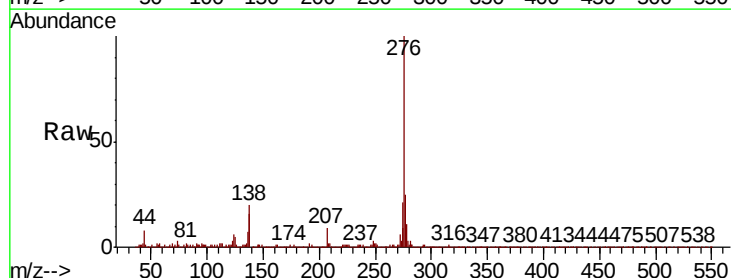
Tgt Ion:276 Resp: 94287

Ion Ratio Lower Upper

276 100

138 22.4 20.6 30.8

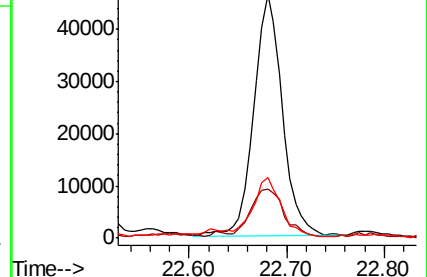
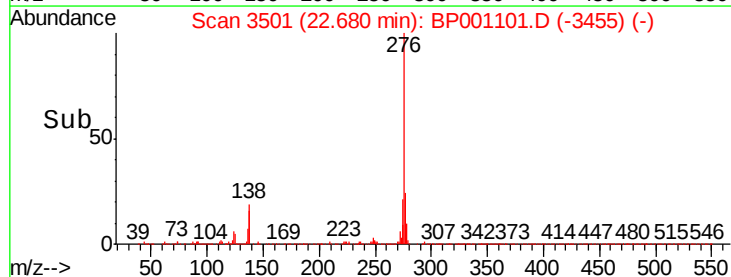
277 24.5 20.0 30.0

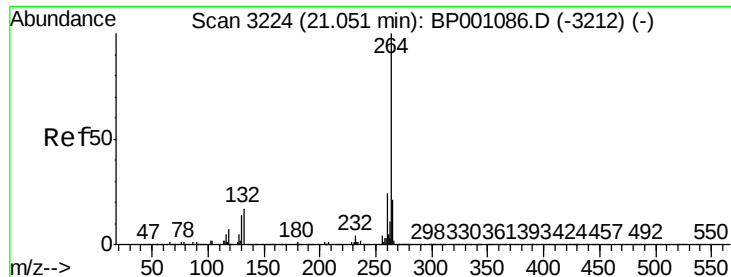


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



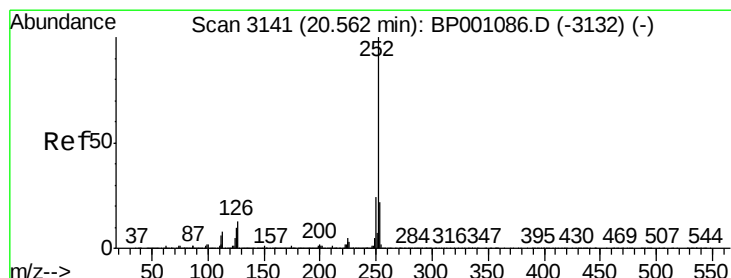
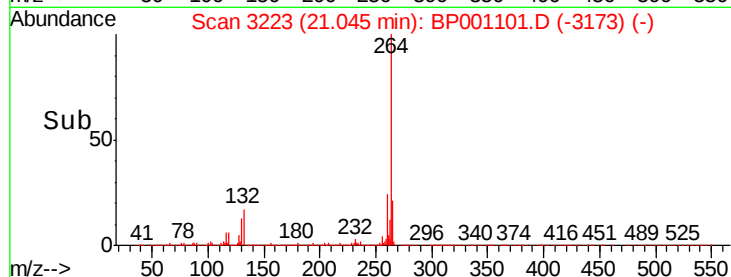
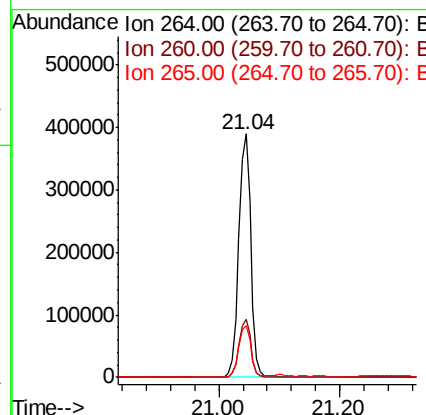
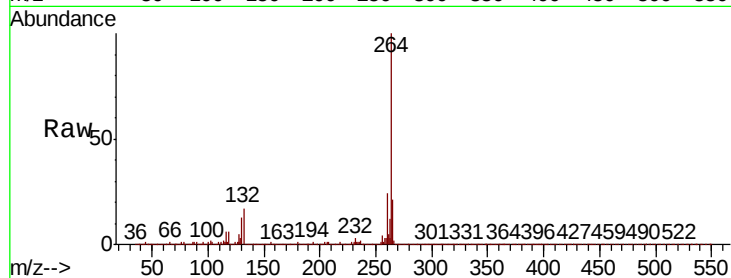


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.04 min Scan# 3223  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:264 Resp: 544790  

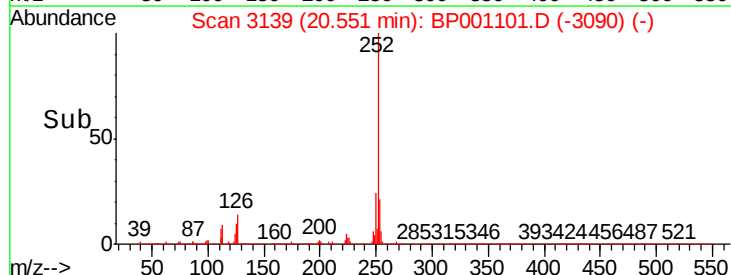
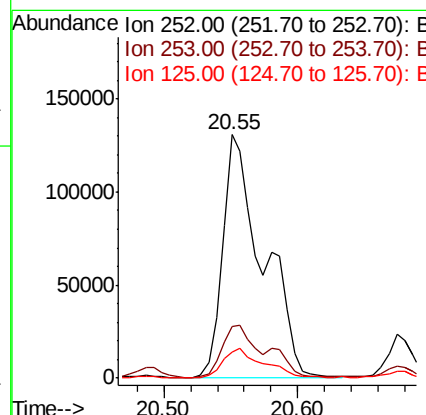
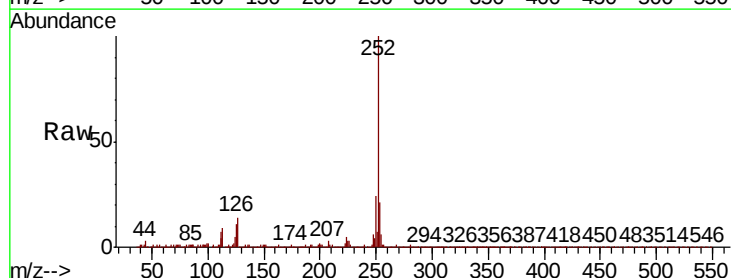
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.8  | 28.2  |
| 265 | 21.3  | 16.9  | 25.3  |

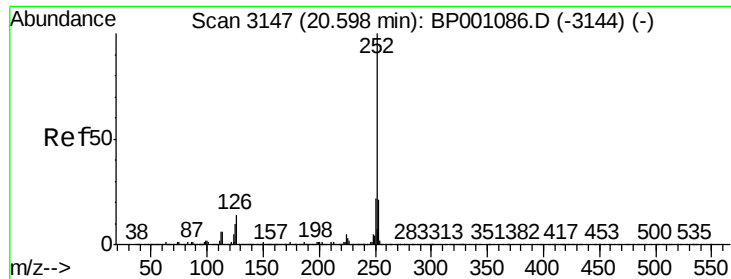


#88  
Benzo(b)fluoranthene  
Concen: 8.245 ng  
RT: 20.55 min Scan# 3139  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

Tgt Ion:252 Resp: 274348  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.4  | 17.4  | 26.0  |
| 125 | 10.7  | 8.1   | 12.1  |

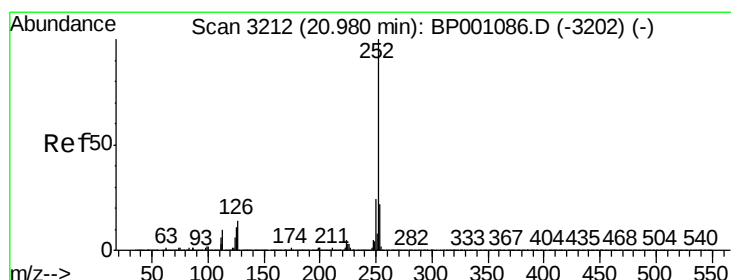
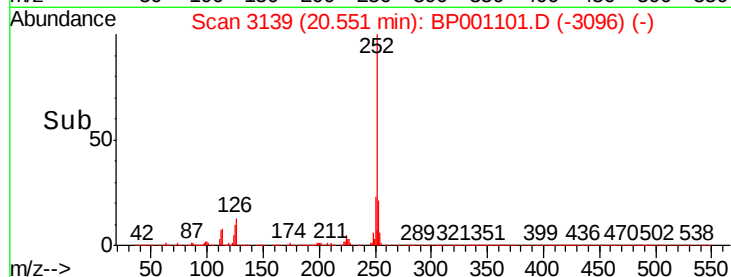
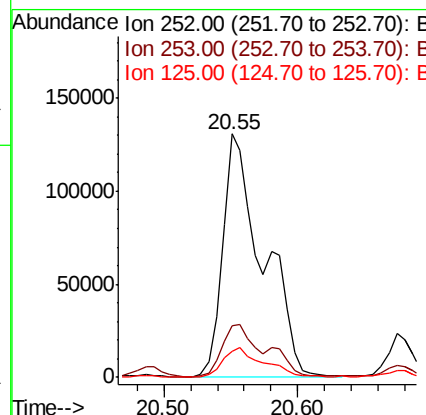
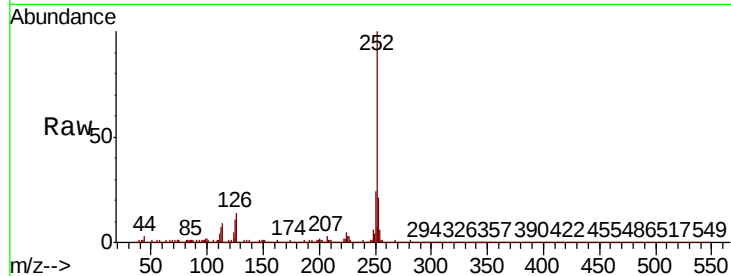




#89  
Benzo(k)fluoranthene  
Concen: 8.560 ng  
RT: 20.55 min Scan# 3139  
Delta R.T. -0.05 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

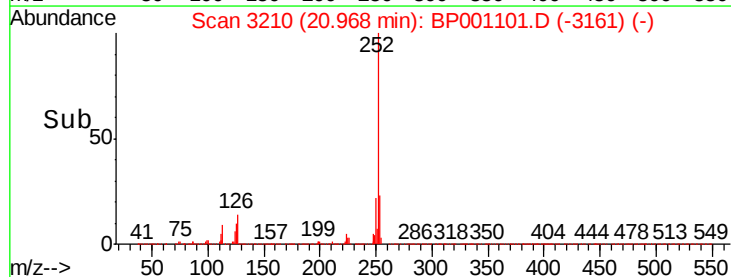
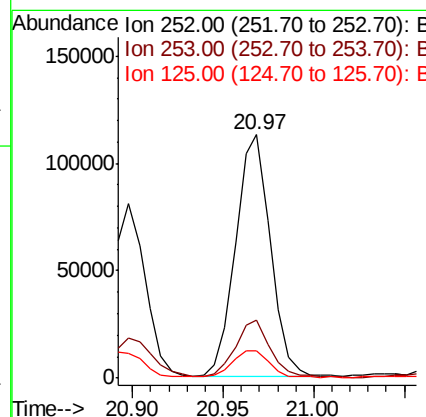
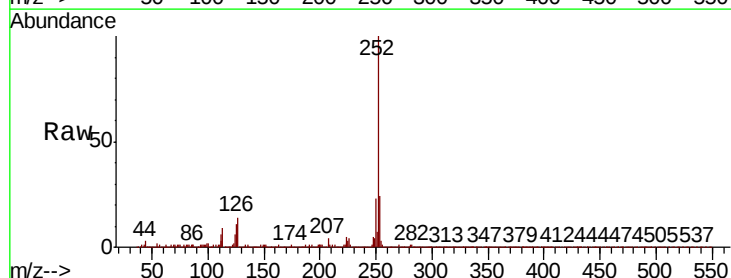
Instrument :  
BNA\_P  
ClientSampleId :

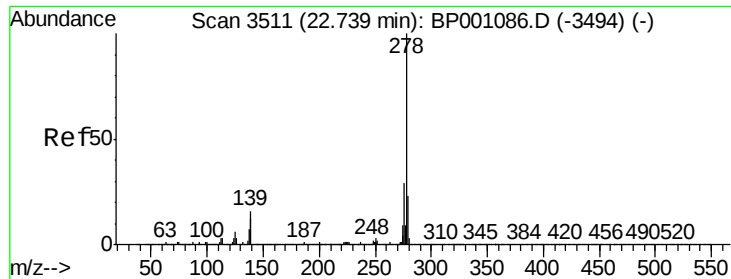
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.7  | 8.2   | 12.2  |



#90  
Benzo(a)pyrene  
Concen: 4.923 ng  
RT: 20.97 min Scan# 3210  
Delta R.T. -0.01 min  
Lab File: BP001101.D  
Acq: 28 Nov 2019 01:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.1  | 17.4  | 26.0  |
| 125     | 11.0  | 8.7   | 13.1  |





#91

Dibenzo(a,h)anthracene

Concen: 0.663 ng

RT: 22.89 min Scan# 3536

Delta R.T. 0.15 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

Instrument :

BNA\_P

ClientSampled :

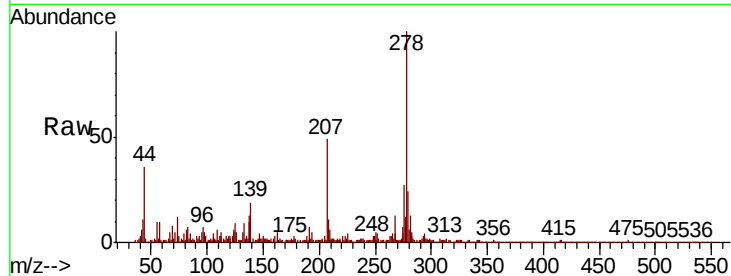
Tot Ion:278 Resp: 19895

Ion Ratio Lower Upper

278 100

139 19.0 13.0 19.4

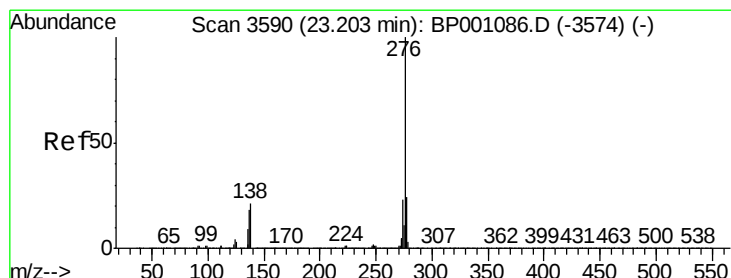
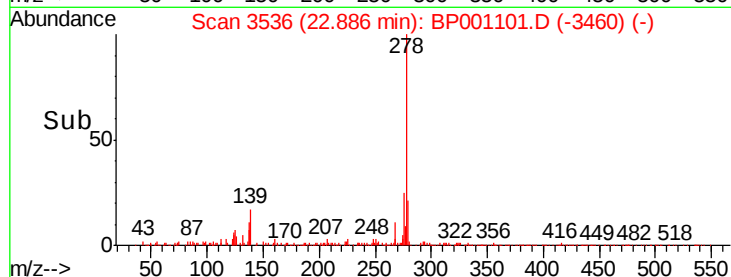
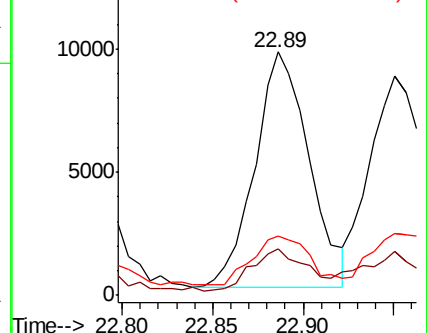
279 24.3 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.197 ng

RT: 23.17 min Scan# 3584

Delta R.T. -0.04 min

Lab File: BP001101.D

Acq: 28 Nov 2019 01:36

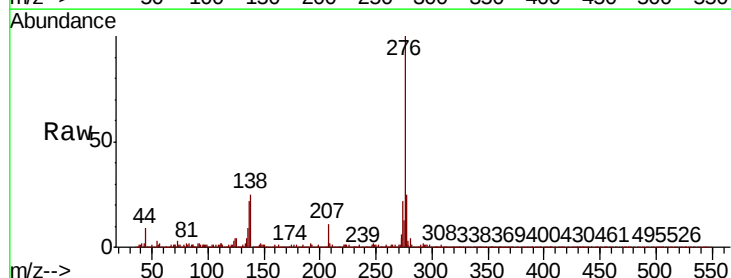
Tgt Ion:276 Resp: 94698

Ion Ratio Lower Upper

276 100

277 25.2 19.2 28.8

138 24.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

