

Sample Lists

Chapter 2

Introduction

This section explains how to create Sample Lists, how to change the appearance of the Sample List, fill the cells with data and how to import Sample Lists generated by other packages e.g. Excel.

Overview

When you log on to MassLynx the MassLynx toplevel window will be displayed.

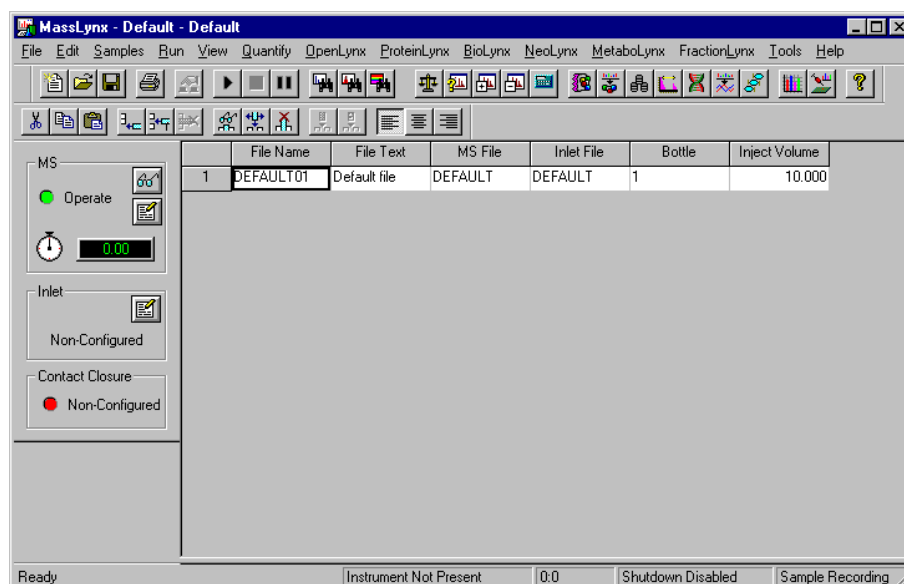





























Figure 2.1 The MassLynx Toplevel Screen

The screen contains the top-level menu bar and a Toolbar which allow the user to define multiple Sample Lists and to access other MassLynx processes.















Note: If a Waters 2700, Waters 2790 or Gilson autosampler is installed, and controlled via MassLynx, then the Bed Layout and Plate Layout is shown on the MassLynx screen next to the Sample List. The Sample List can be updated from the plate layout, see Updating the Sample List from the Plate Layout, on page 102 for details.

The MassLynx Screen Toolbar

Toolbar button	Menu equivalent	Purpose
	File... New	Create a new Sample List.
	File... Open	Open an existing Sample List.
	File... Save or File... Save As	Save a Sample List.
	File... Print	Print a Sample List.
	Run... Control Panel	Display the Acquisition Control Panel.
	Run... Start	Start an acquisition.
	Run... Stop	Stop an acquisition.
	Run... Pause Queue	Pause the queue of acquisitions.
	View... Spectrum	View Spectrum.
	View... Chromatogram	View Chromatogram.
	View... Map	View Map.
	Quantify... View Results	View Quantify Results.
	Tools... Search Library	Perform a Library search.
	Tools... Combine Functions	Combine Functions.
	Tools... Strip	Strip Functions.
	Tools... MW Calculator	Invoke Molecular Weight Calculator.
	BioLynx... Proteins	Invoke Protein Sequence Chain Editor.
	BioLynx... Peptide Sequencing	Invoke the Peptide Sequencer.
	BioLynx... Database Search	Invoke ProteinProbe database search.
	BioLynx... ICAT Analysis	Invoke the ICAT Browser window.
	BioLynx... Nucleic Acids	Invoke Nucleic Acids Sequence Editor.
	BioLynx... Nucleotide Sequencer	Invoke the Oligonucleotide Sequencer.
	BioLynx... Carbo Tools	Invoke the Carbo Tools main window.
	NeoLynx... Test Editor	Invoke the NeoLynx Test Editor.


	NeoLynx... Results Browser	Invoke the NeoLynx Results Browser.
	Help... About MassLynx	Display program information, version number and copyright.
	Security... Lock MassLynx	Lock workstation.

The Sample List Toolbar

	Edit... Cut	Cut the selection and put it on the clipboard.
	Edit... Copy	Copy the selection to the clipboard.
	Edit... Paste	Paste the contents of the clipboard.
	Samples... Add	Add samples to the Sample List.
	Samples... Insert	Insert samples into the Sample List.
	Samples... Delete	Delete samples from the Sample List.
	Samples... Field... Properties	Invoke the Field Properties dialog.
	Samples... Field... Customize Display	Invoke the Customize Field Display dialog.
	Samples... Field... Remove Column	Remove a field from the display.
	Samples... Fill... Down	Fill down.
	Samples... Fill... Series	Fill series.
	Samples... Field... Align... Left	Align text to the left in the current column.
	Samples... Field... Align... Center	Align text to the center of the current column.
	Samples... Field... Align... Right	Align text to the right in the current column.

Saving/Loading Sample Lists

■ To Open a Sample List

1. Press the  Toolbar button or select **Open Sample List** from the **File** menu. This displays the Open file dialog.

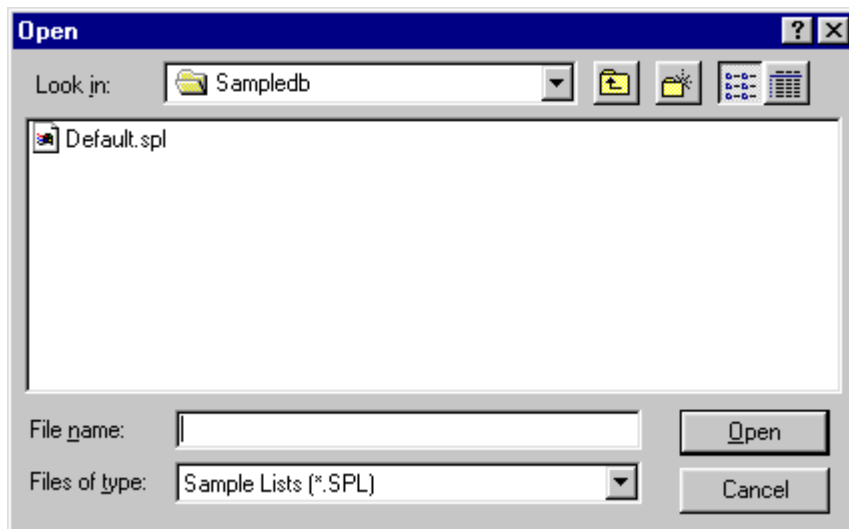



Figure 2.2 The Open File dialog

2. Select a data file and press the **Open** button.

■ To Save a Sample List

1. Press the  Toolbar button or select **Save** or **Save As** from the **File** menu. If this is a new Sample List, or the Save As option has been selected, the Save As dialog is displayed.

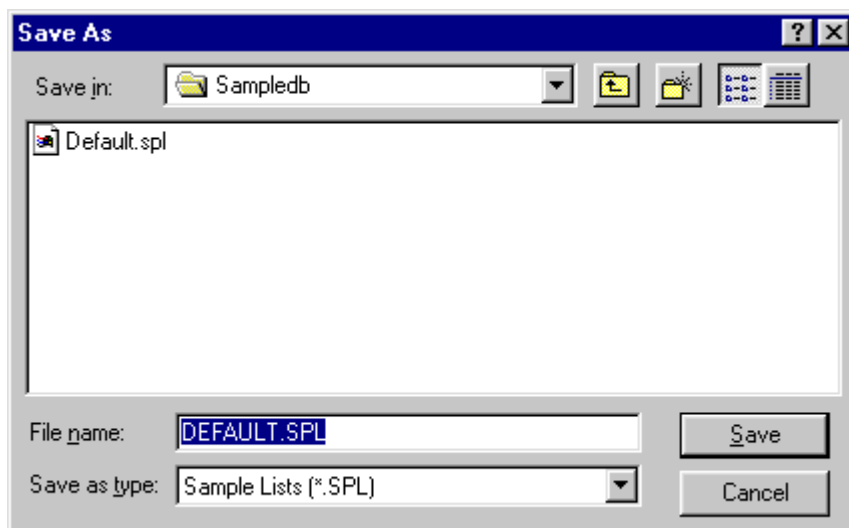


Figure 2.3 The Save As dialog

2. Type a name into the **File Name** box and press the **Save** button.

Saving/Loading Sample List Formats

Sample List formats can be saved and retrieved. A Sample List format is a definition of the columns to be used in a Sample List. MassLynx is supplied with three default formats Default, Diverse and Quantify.

Note. If a Sample List is open and new format is loaded this will replace the current format.

■ To Load a Sample List Format

1. Select **Load Format** from the **Samples** menu. This displays the Load Sample List dialog.

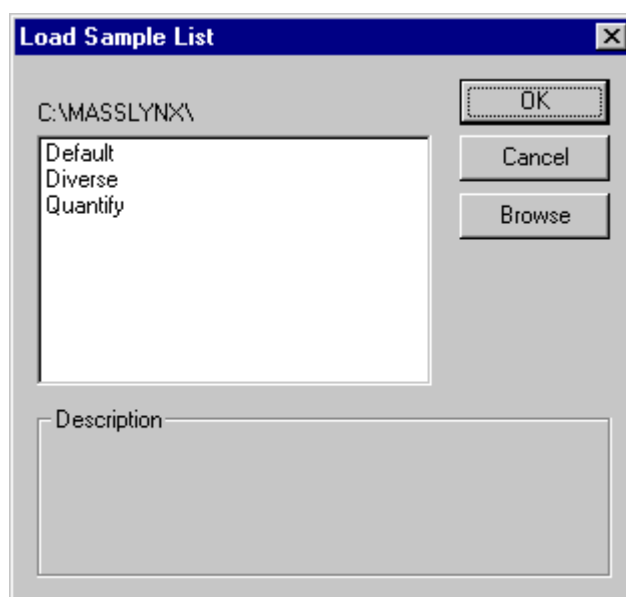


Figure 2.4 The Load Sample List dialog

2. Click with the left mouse button on the required format and press the **OK** button. If the format is not present in the current directory then press the **Browse** button and locate the file from the dialog displayed.

■ To Save a Sample List Format

1. Format the spreadsheet to include the required fields.
2. Select **Save Format** from the **Samples** menu. This displays the Save Sample List Format dialog.
3. Enter file name, select location and press the **Save** button. This will save the *.fmt file and display the Summary Information dialog.

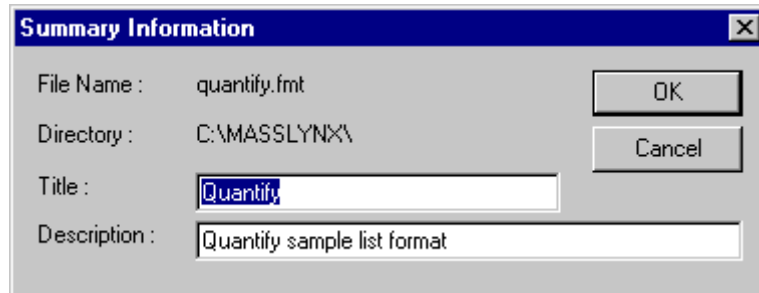



Figure 2.5 The Summary Information dialog

Enter details as required and press the **OK** button. **Title** is the text that will appear in the list box of available formats when loading formats.

Printing Sample Lists

■ To Print a Sample List

1. Press the  Toolbar button or select **Print** from the **File** menu. This displays the Print dialog.

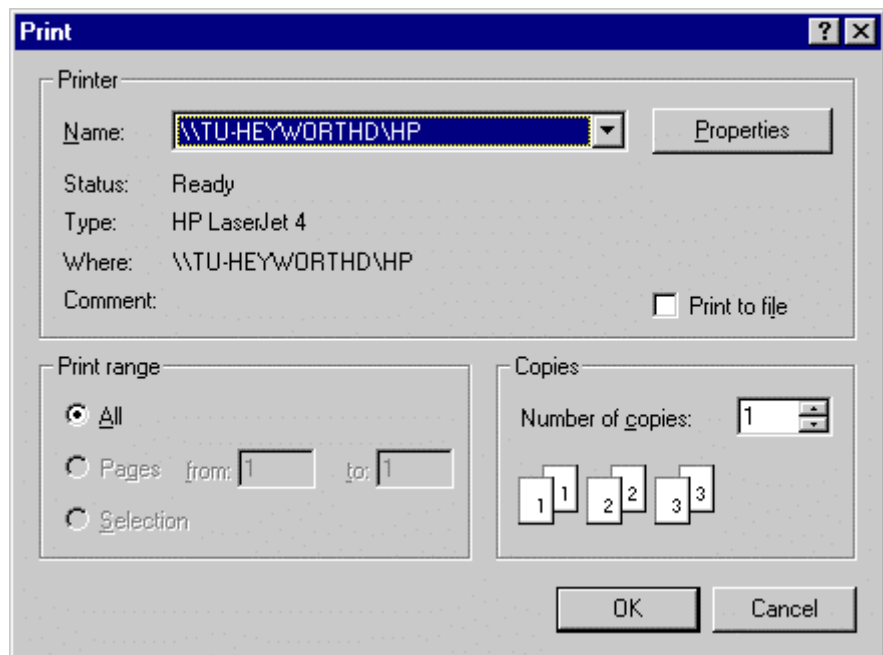


Figure 2.6 The Print dialog

2. Select the printer, print range and number of copies and press the **OK** button.