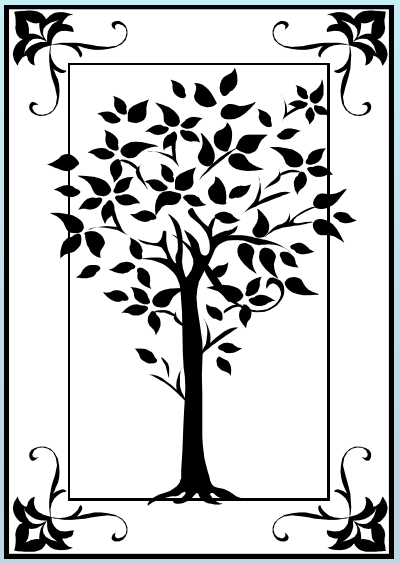
SAMPLE ENTRY: tutorial (III)

Guided Data Capture (GDC)

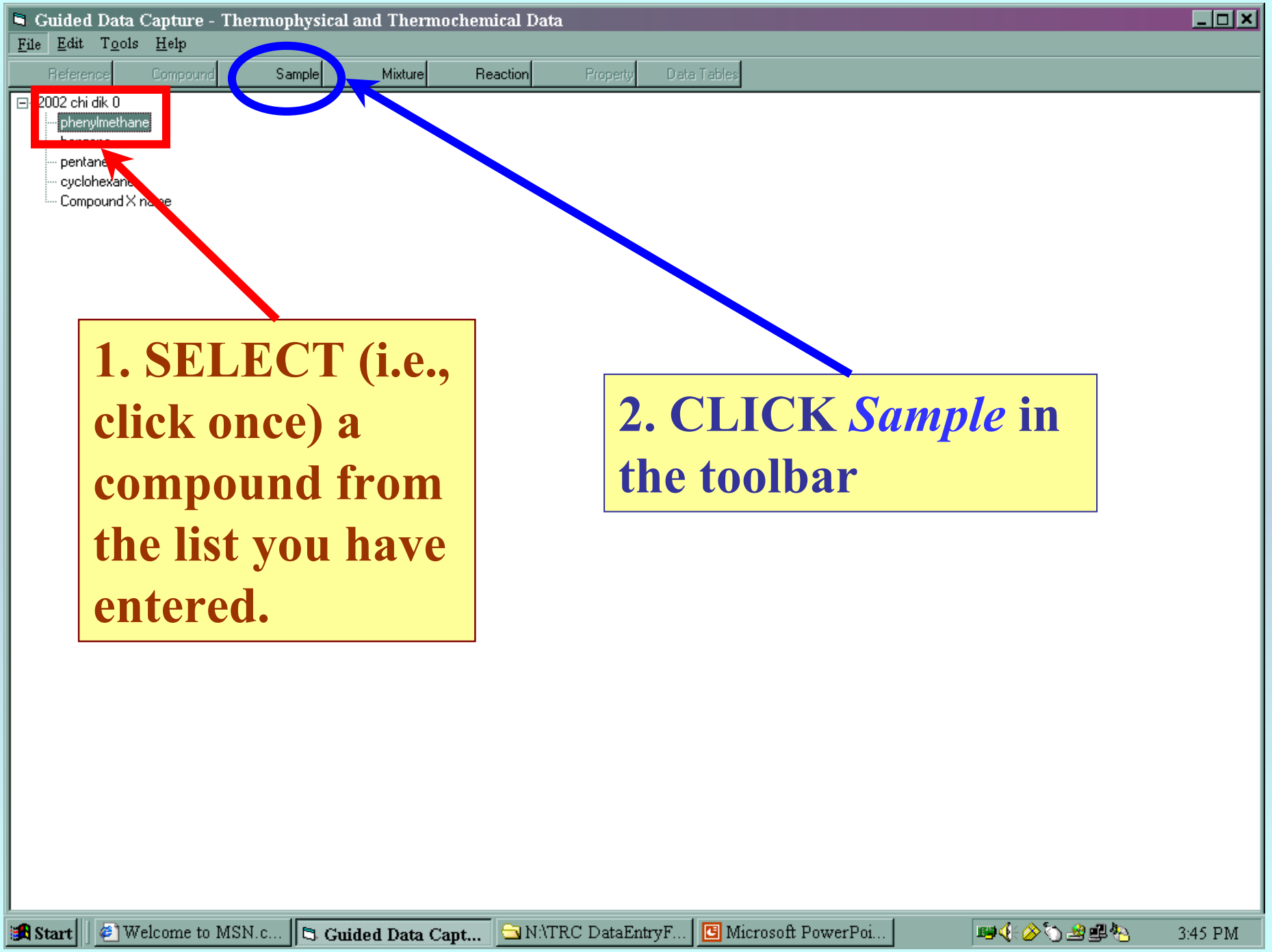


This tutorial demonstrates how to add chemical SAMPLE information (i.e., source, purity, etc.) to your file within the Guided Data Capture (GDC) software.

NOTE:

The tutorials proceed sequentially to ease the descriptions; however, it is not necessary to enter *all* compounds before entering *all* samples, etc.

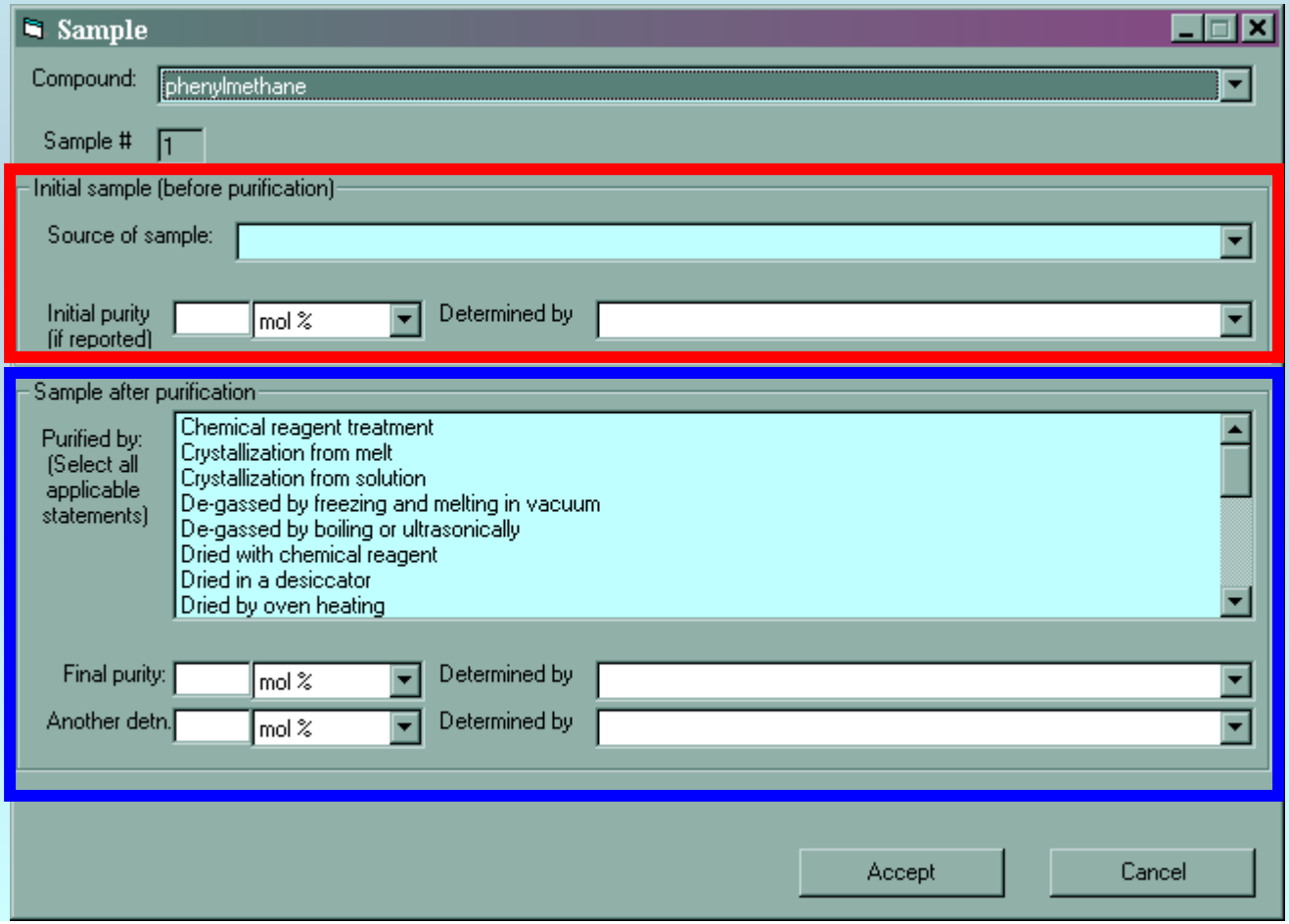
Compounds, samples, properties, etc., can be added or modified at any time.


Guided Data Capture - Thermophysical and Thermochemical Data
File Edit Tools Help
Reference Compound Sample Mixture Reaction Property Data Tables
2002 chi dik 0
phenylmethane
pentane
cyclohexane
Compound X name
1. SELECT (i.e., click once) a compound from the list you have entered.
2. CLICK Sample in the toolbar
Start
Welcome to MSN.c...
Guided Data Capt...
N:\TRC DataEntryF...
Microsoft PowerPoi...
3:45 PM

This form has 2 main sections:

1) **The sample *before* purification; i.e., the original source of the sample, its purity, and the method of purity determination**

2) **The sample *after* purification; i.e., the purification method(s), final purity, and method of purity determination (entry of two purities and methods is possible; e.g., fractional melting and glc)**

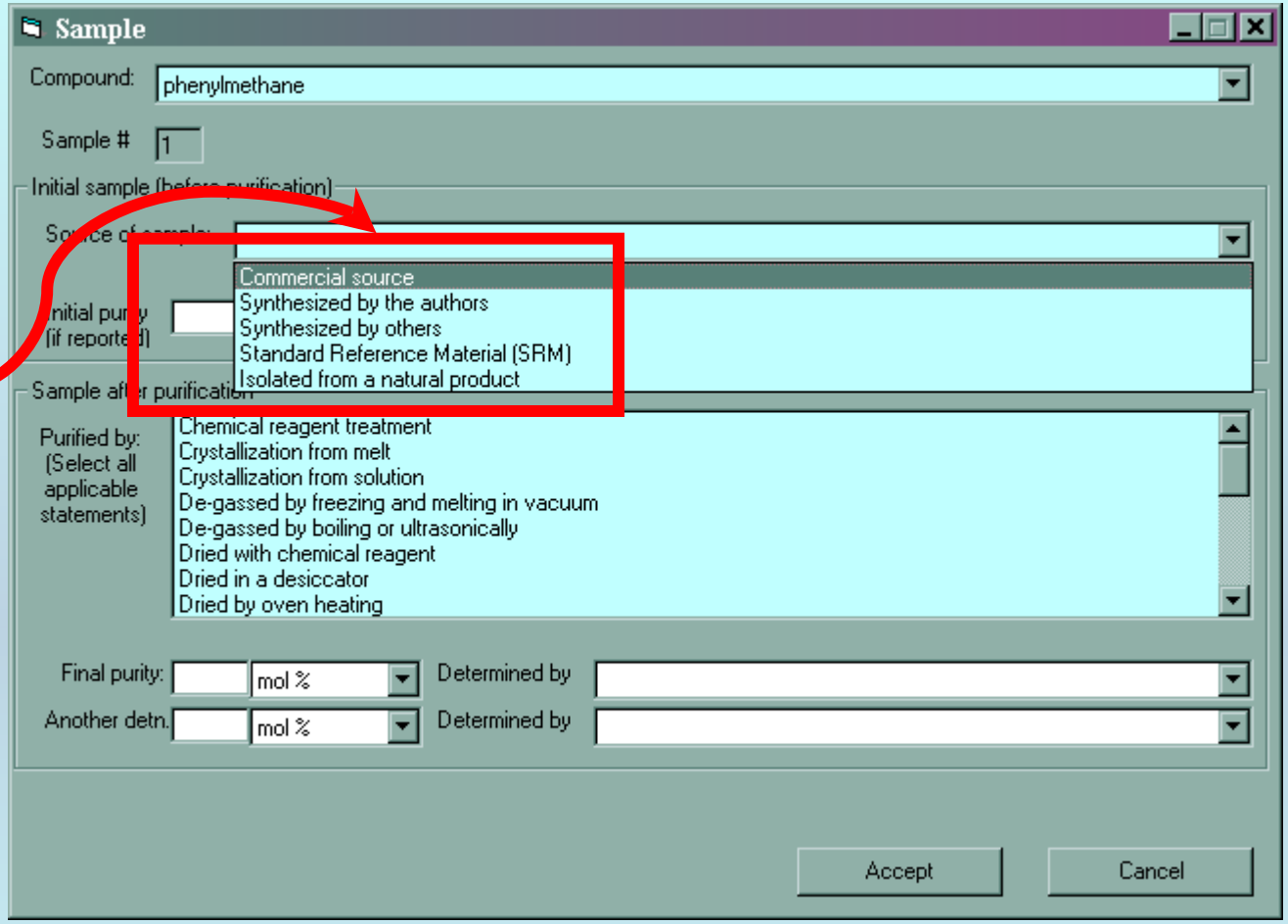


NOTE:
Some fields are optional.

Detailed instructions follow...

Source of Sample:

SELECT the source of the original sample from the pulldown list.

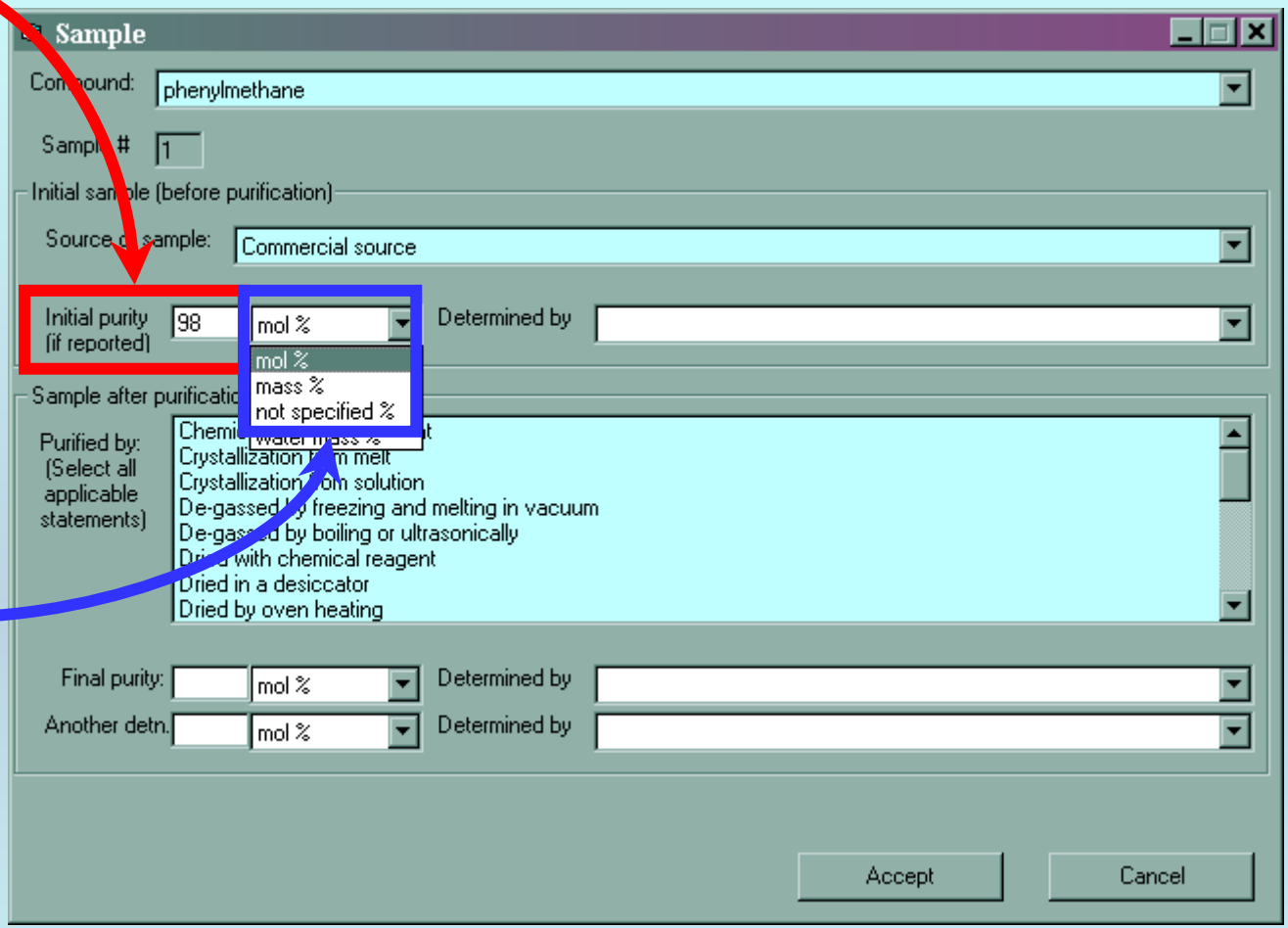


Continue...

Initial Purity (if known):

1. TYPE the % purity

2. SELECT its basis from the pulldown list provided.

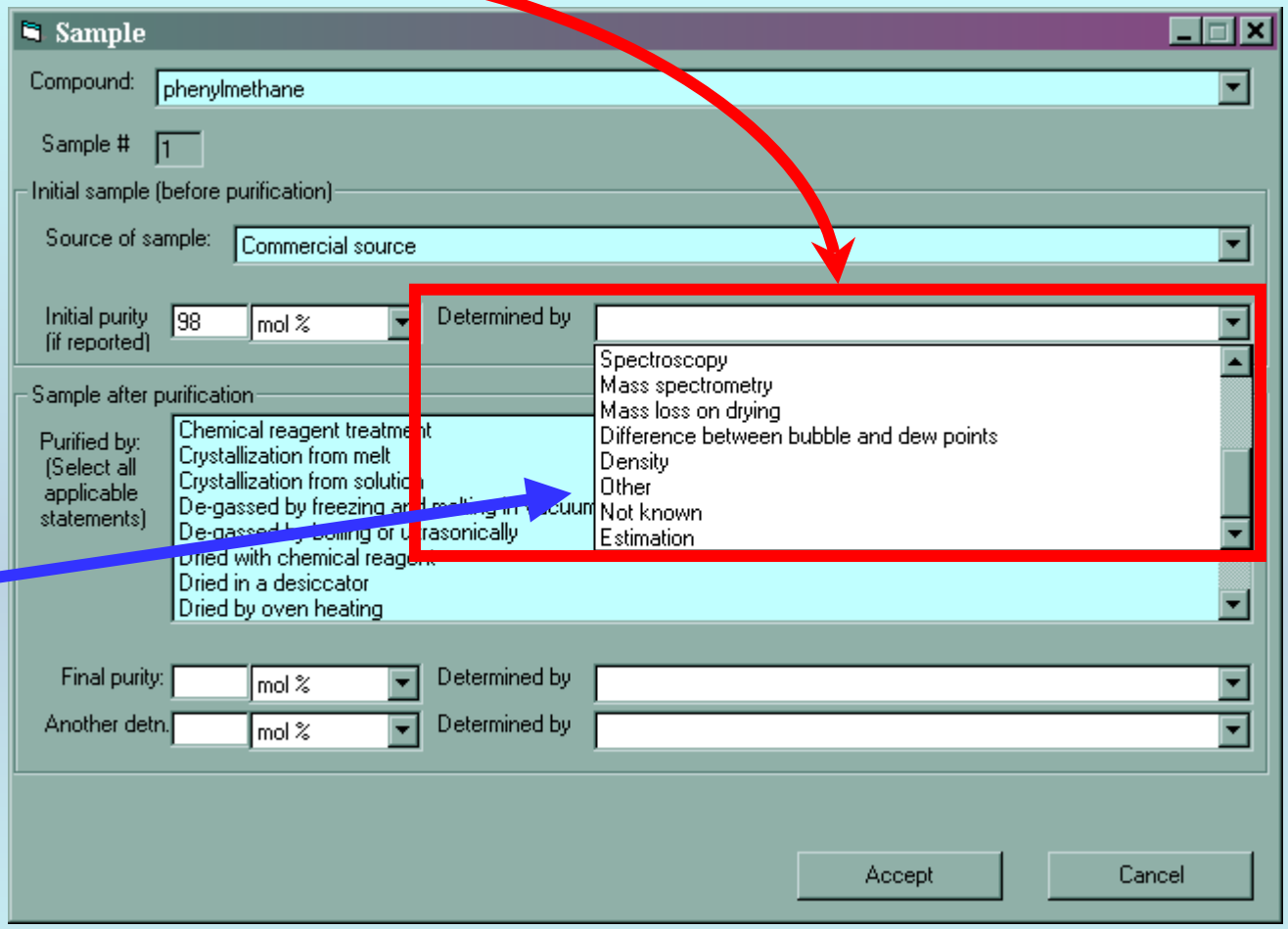


Continue...

Method of initial purity determination (if known):

SELECT the method from the pulldown list provided.

Note: If *Other* is selected, a brief text description will be requested.



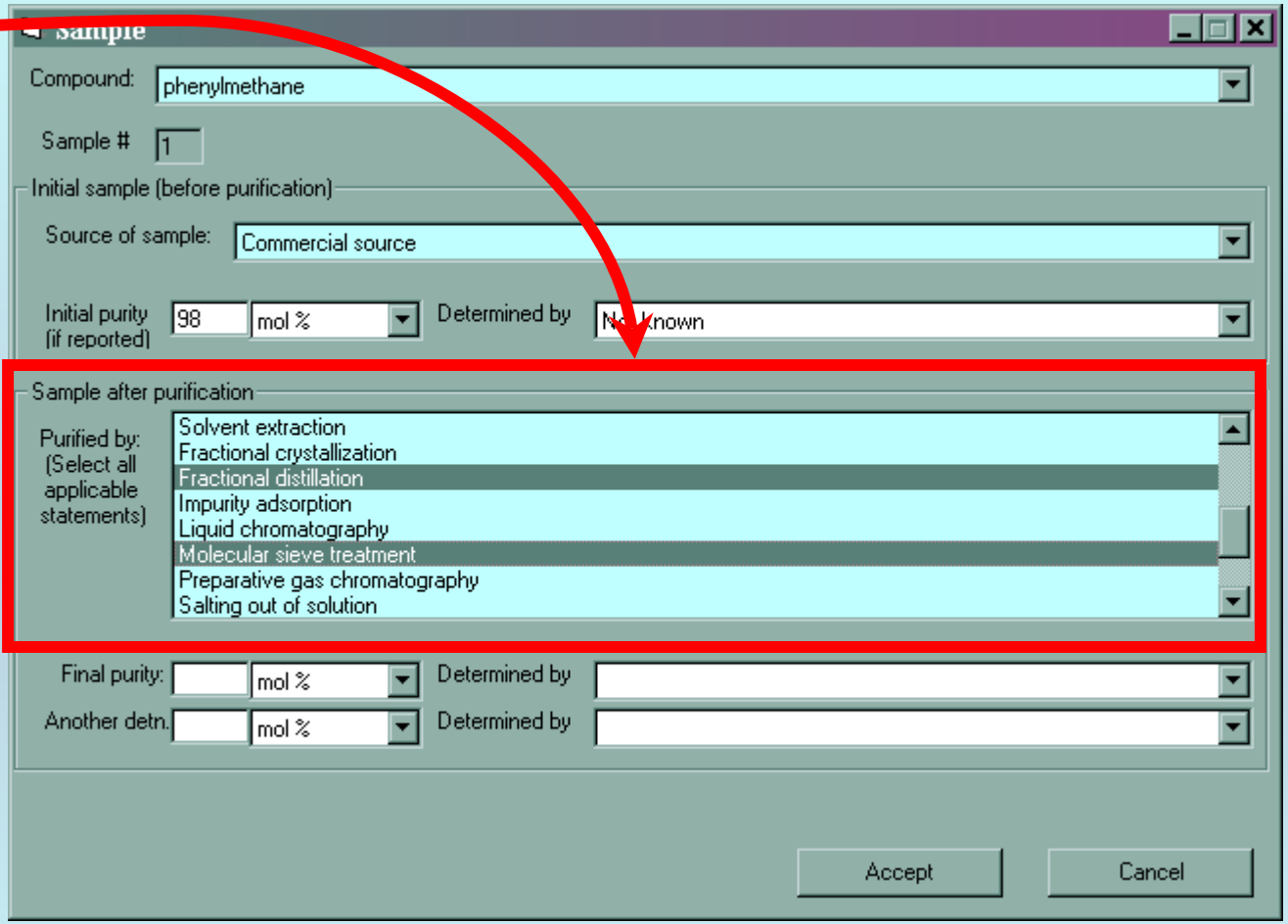
Continue...

Method of purification:

SELECT from the list all methods that apply

Note 1: If the sample was not further purified, make no selection.

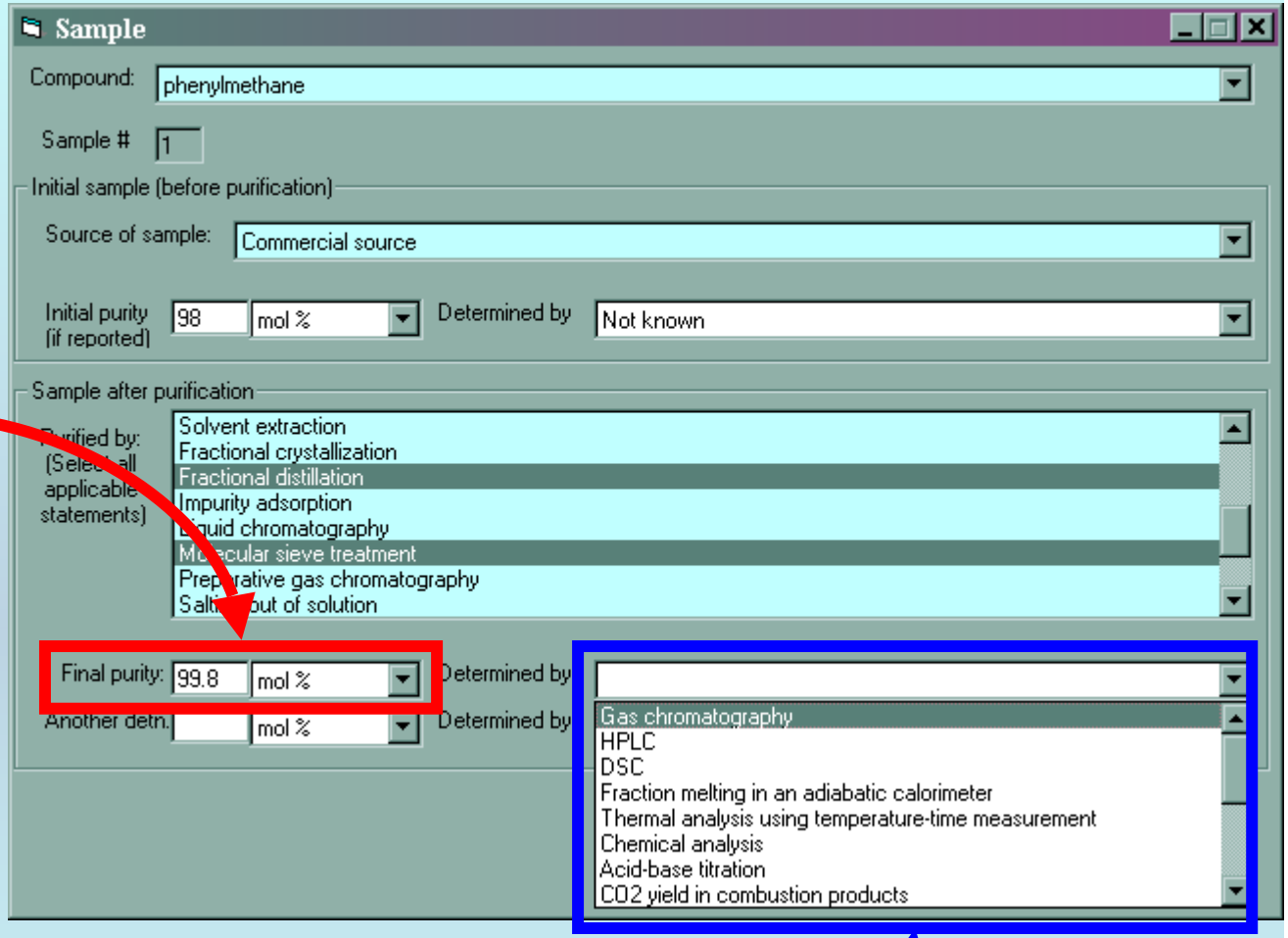
Note 2: *Other* is an option here, also.



Continue...

Final purity and method of determination:

1. TYPE the final % purity and SELECT its basis from the pulldown list.

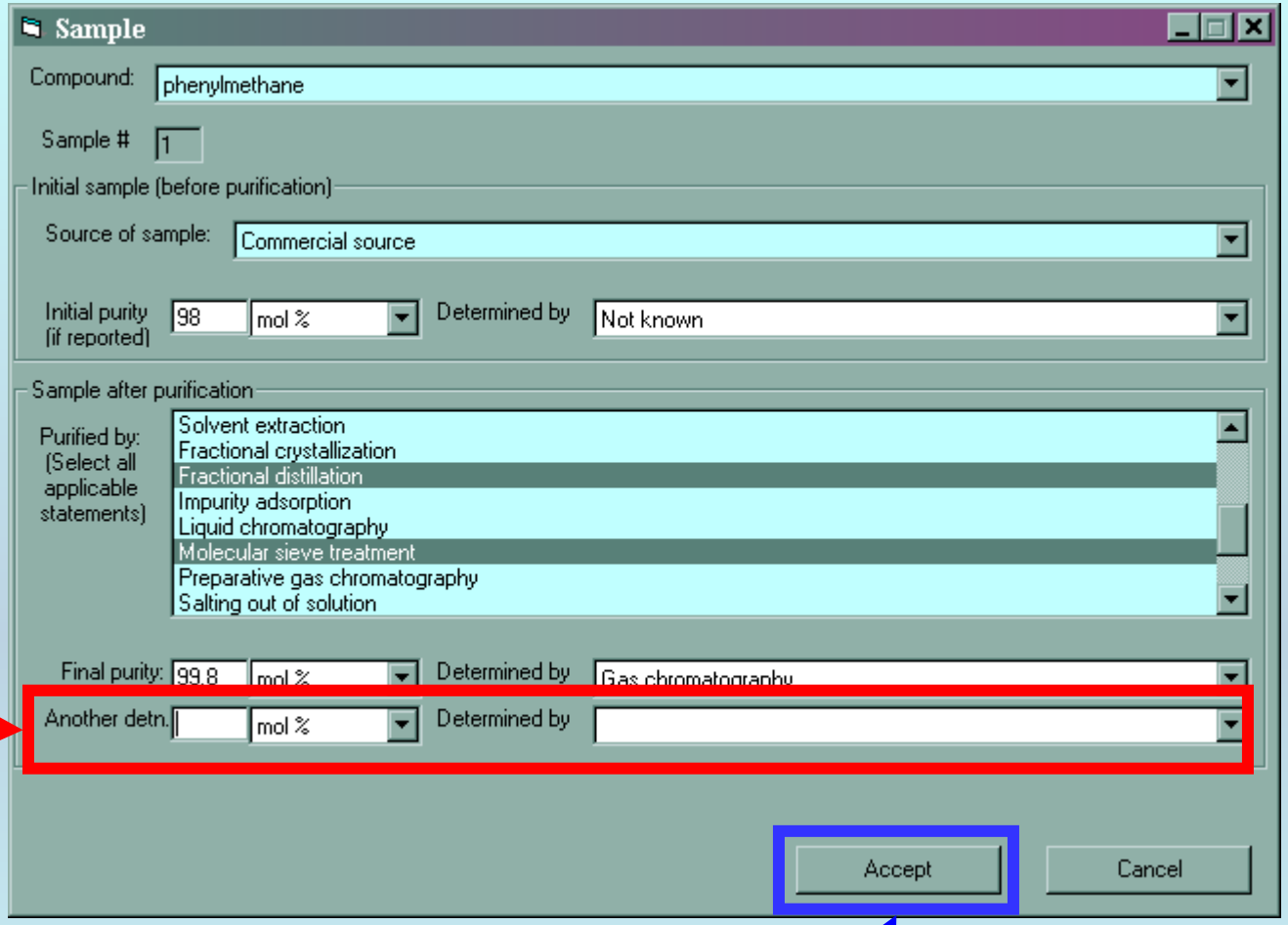


2. SELECT the method of purity determination from the pulldown list provided. (*Other* is an option.)

Continue...

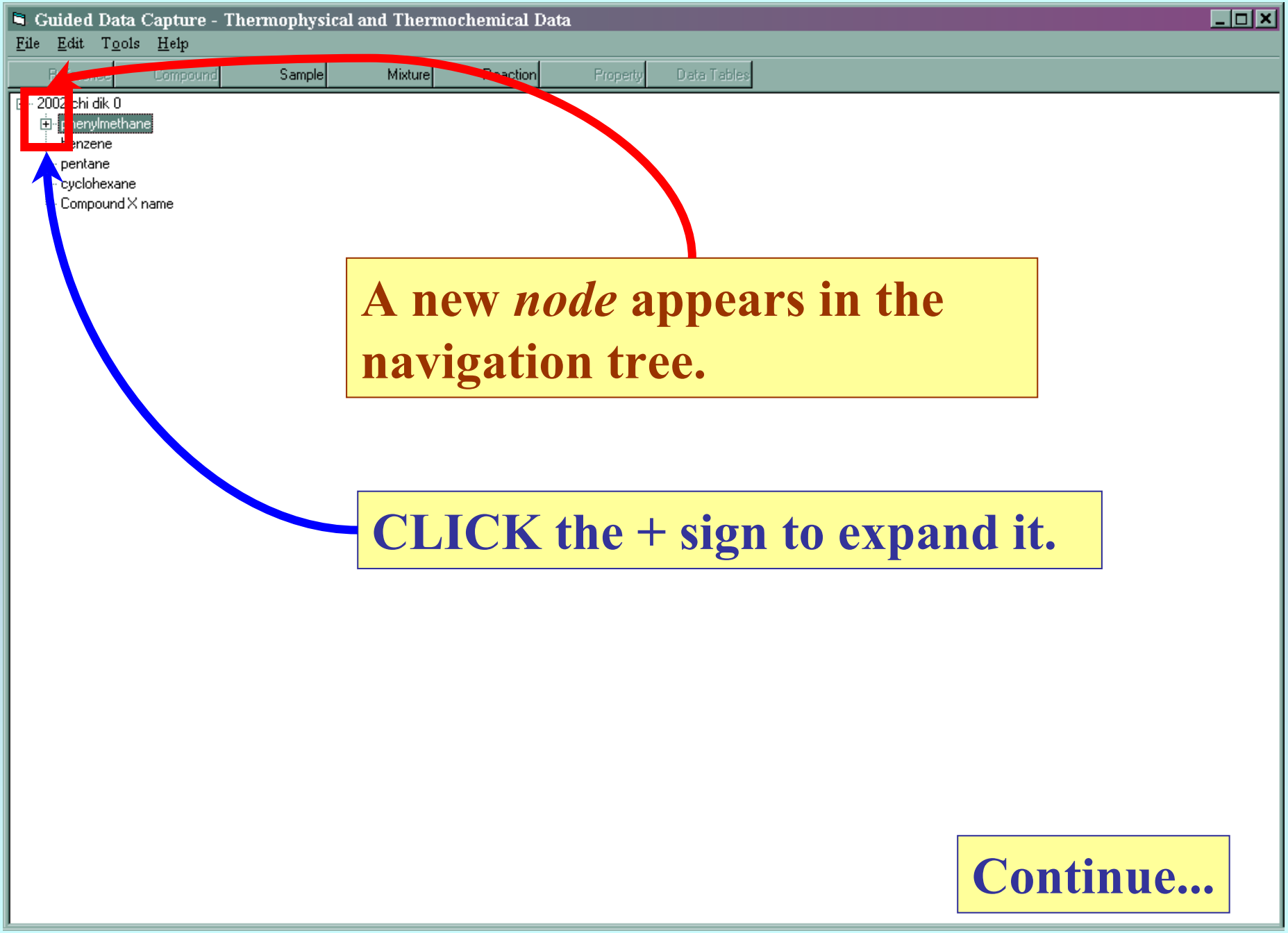
Second purity and method of determination:

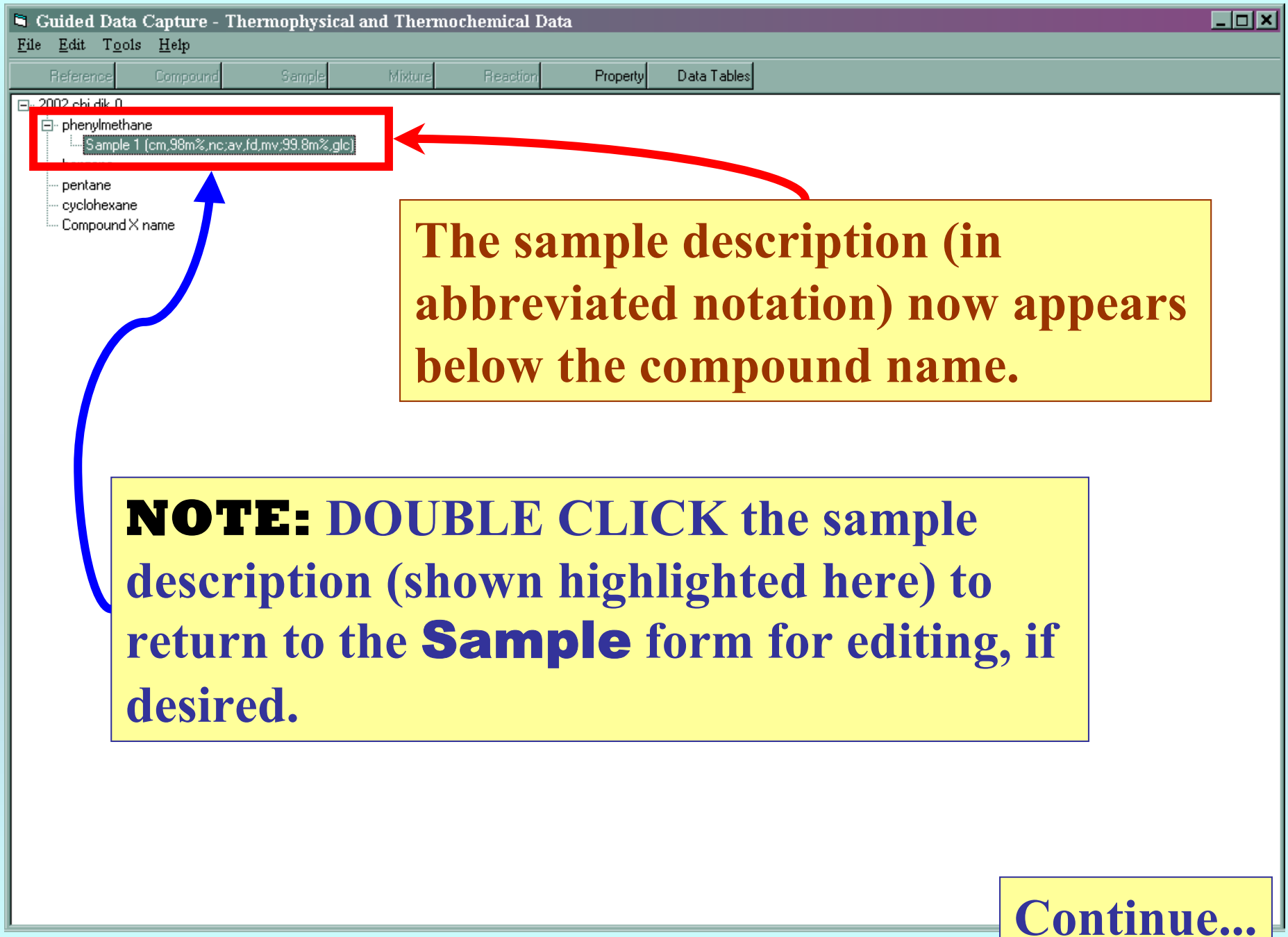
1. Add a 2nd purity and determination method, if applicable.



2. CLICK *Accept* when done.

Continue...

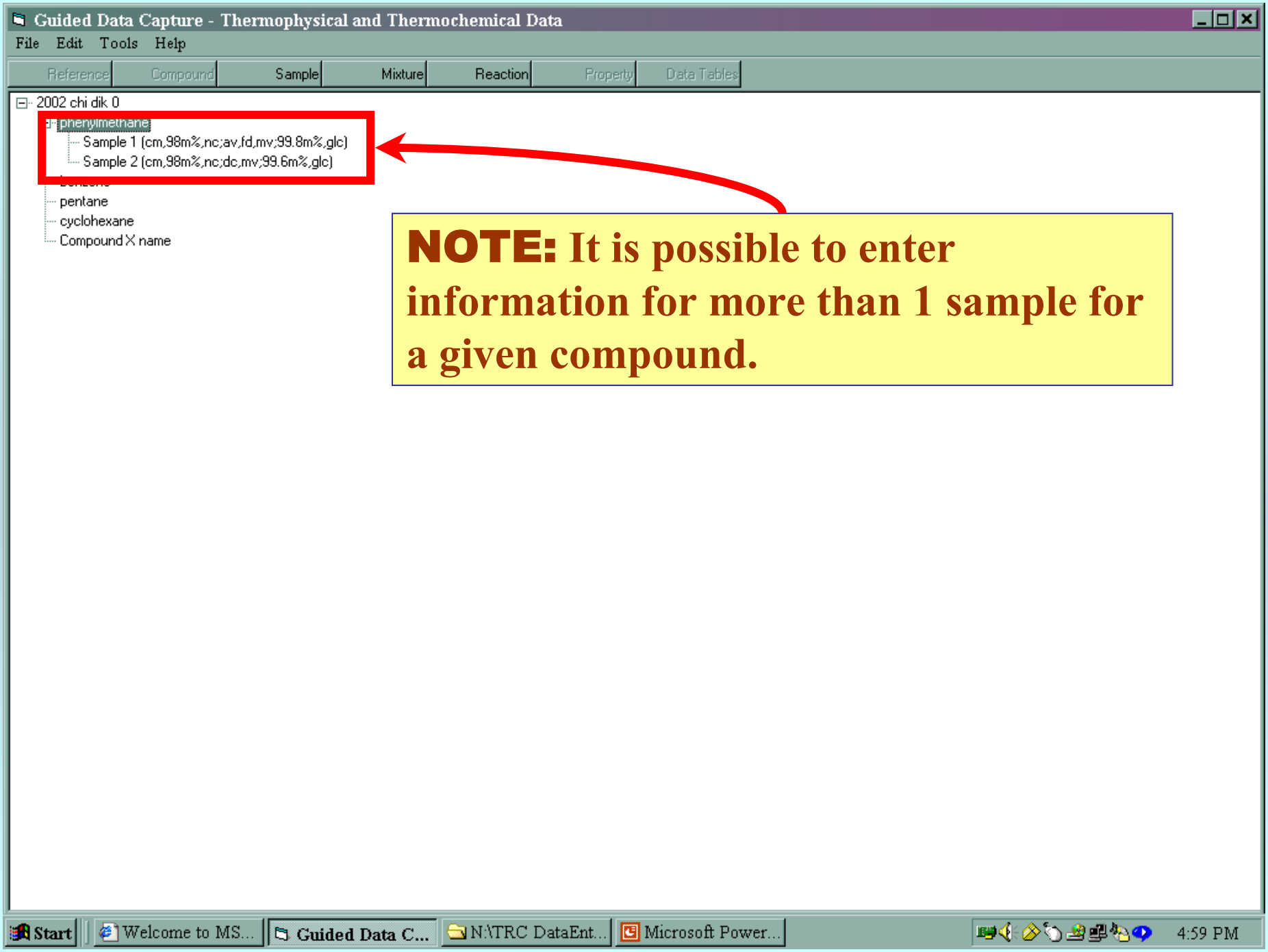

Guided Data Capture - Thermophysical and Thermochemical Data
File Edit Tools Help
Compound Sample Mixture Property Data Tables
chi dik 0
enylmethane
enzene
pentane
cyclohexane
Compound X name
A new *node* appears in the navigation tree.
CLICK the + sign to expand it.
Continue...



The sample description (in abbreviated notation) now appears below the compound name.

NOTE: DOUBLE CLICK the sample description (shown highlighted here) to return to the **Sample** form for editing, if desired.

Continue...


Guided Data Capture - Thermophysical and Thermochemical Data
File Edit Tools Help
Reference Compound Sample Mixture Reaction Property Data Tables
2002 chi dik 0
phenylmethane
Sample 1 (cm,98m%,nc;av,fd,mv;99.8m%,glc)
Sample 2 (cm,98m%,nc;dc,mv;99.6m%,glc)
pentane
cyclohexane
Compound X name
NOTE: It is possible to enter information for more than 1 sample for a given compound.
Start
Welcome to MS...
Guided Data C...
N:\TRC DataEnt...
Microsoft Power...
4:59 PM

END

See **MIXTURE component identification**, **PROPERTY SELECTION**, or **REACTION SELECTION** tutorials for the next steps...

The next step will depend upon the type of experimental data you are entering...