

**Attachment 4c**

**Appendix to the test report “Further evaluation of the intralaboratory reproducibility of the KeratinoSens assay to detect skin sensitizers”**

**Dose response curves for all individual chemicals**

**Study period:** January 17 – March 4, 2011

**Study laboratory:** Givaudan *in vitro* toxicology laboratory

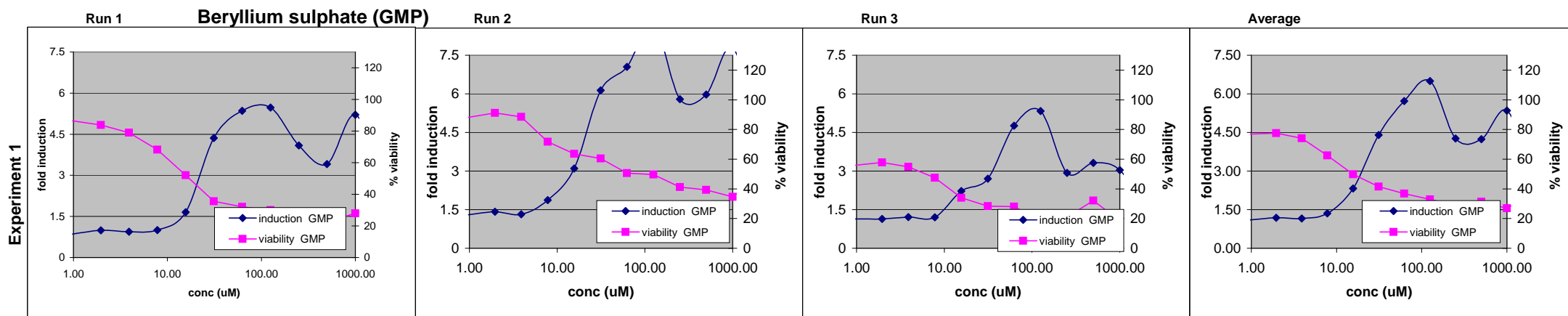
**Report date:** 17. March 2011, sent to ECVAM 24. March

**Updated version:** Revised 31. March 2011 after un-blinding of chemicals by ECVAM

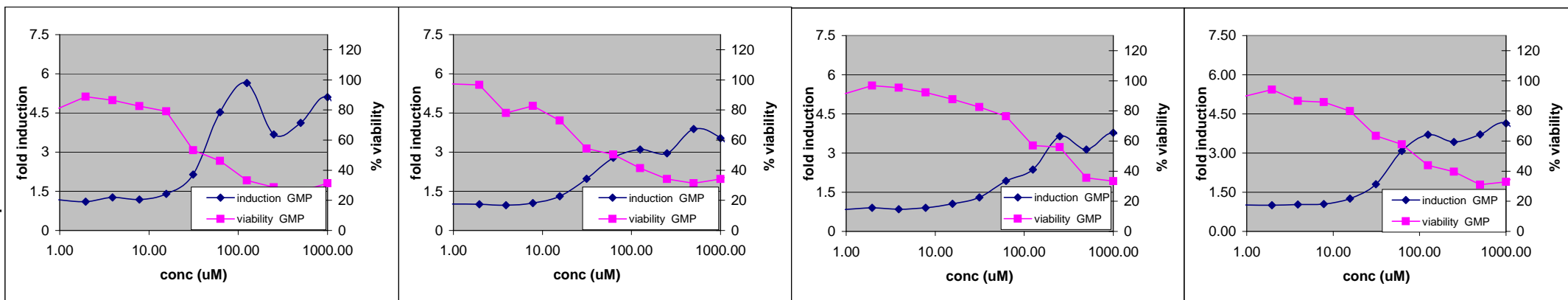
**Report author:** Dr. Andreas Natsch

**Research Scientist:** Dr. Roger Emter

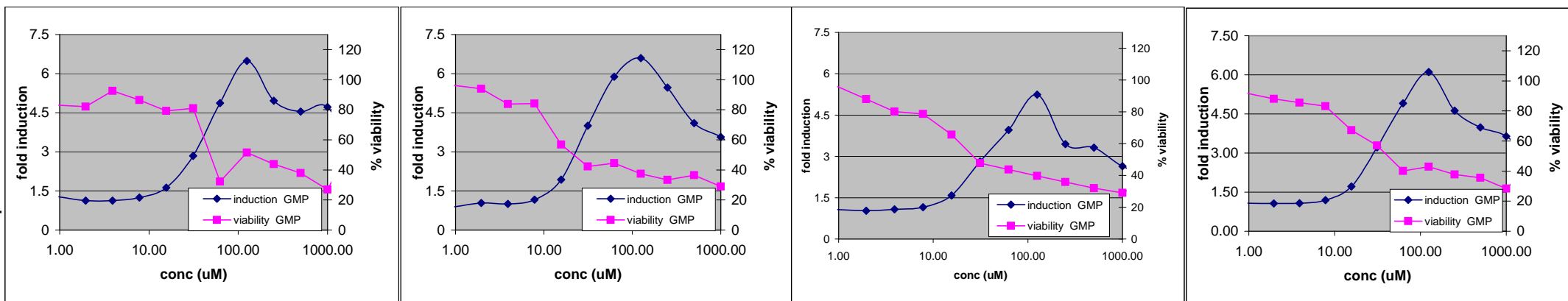
### Beryllium sulphate (GMP)

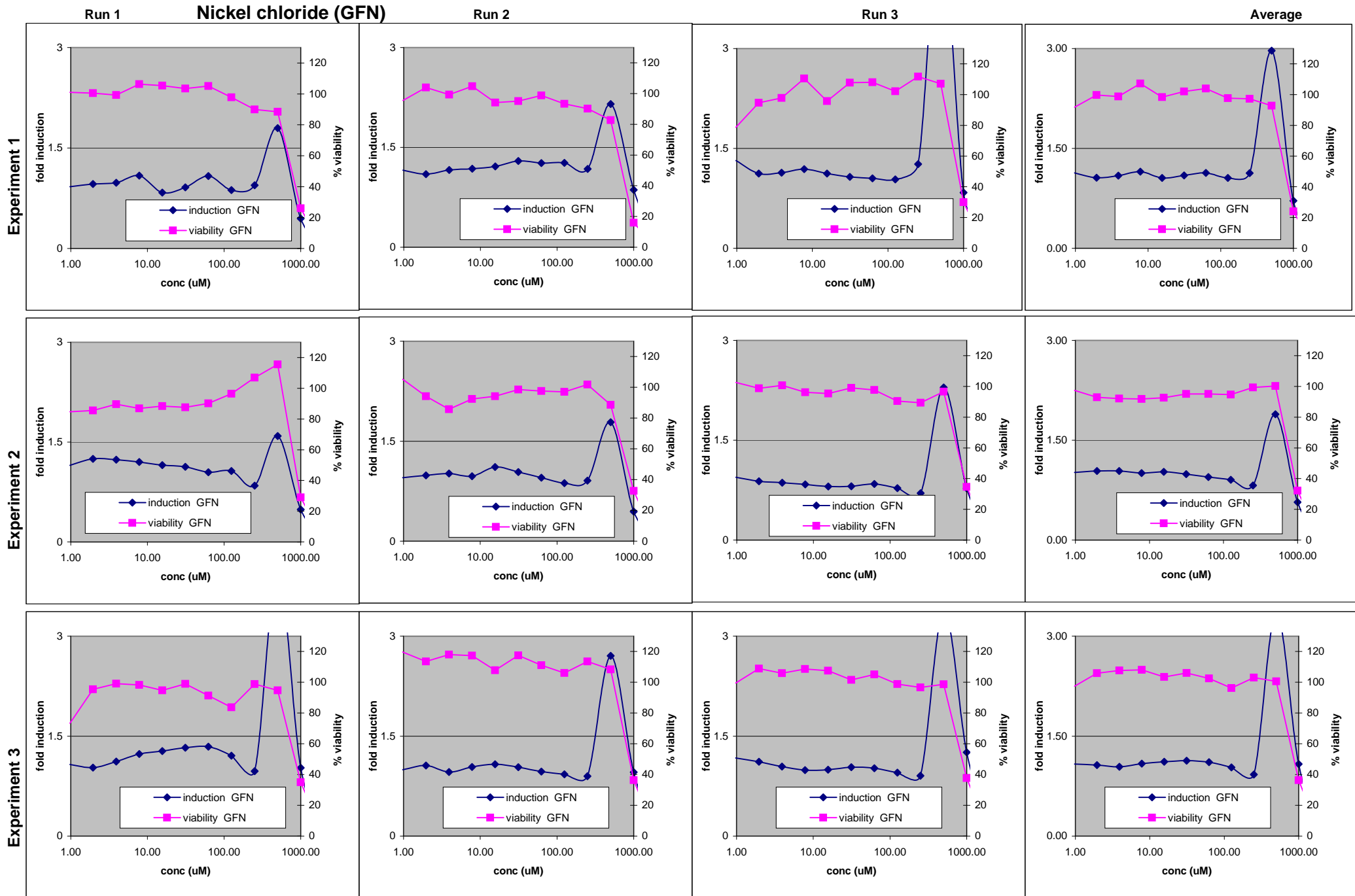


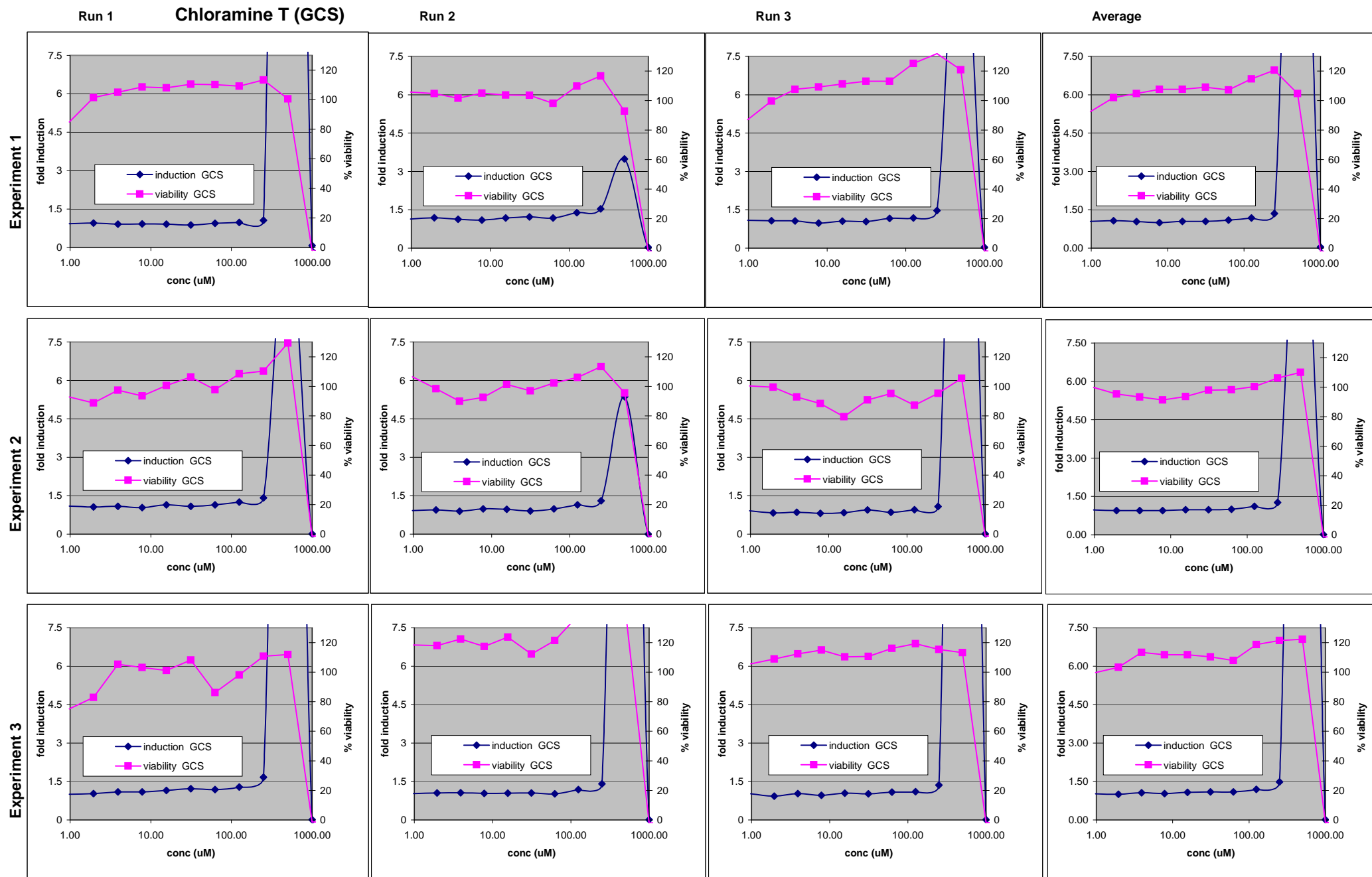
## Experiment 2

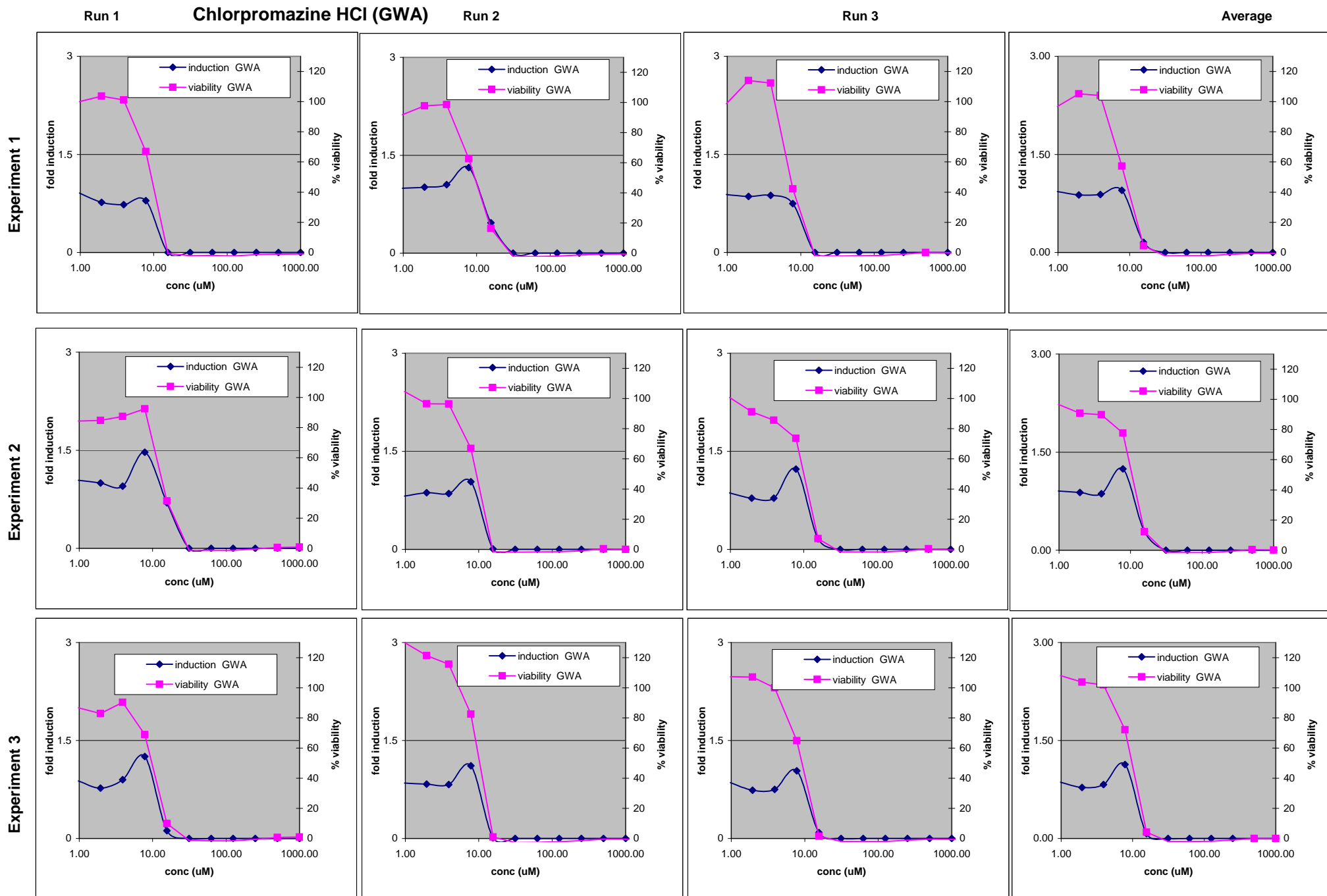


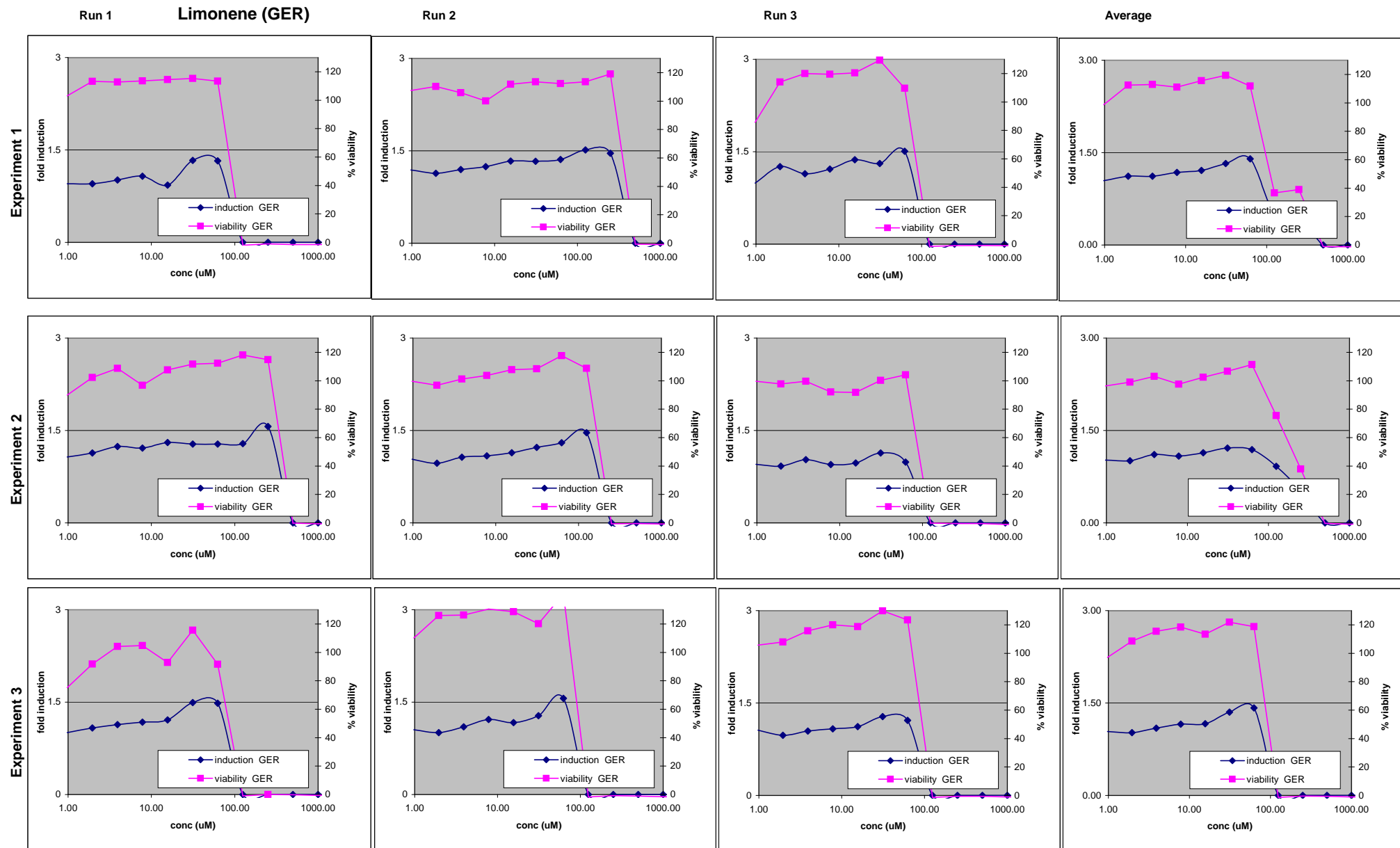
### Experiment 3

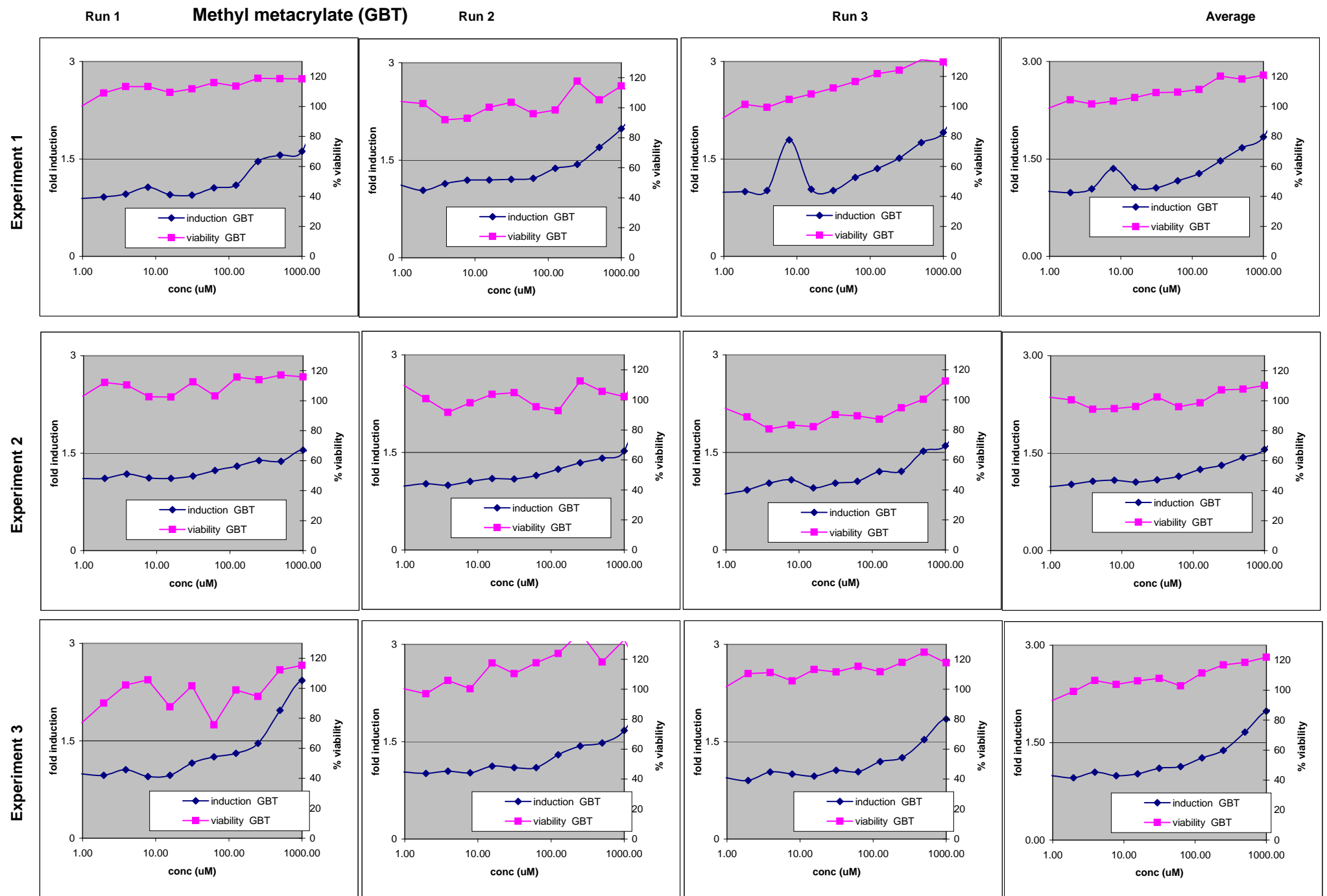












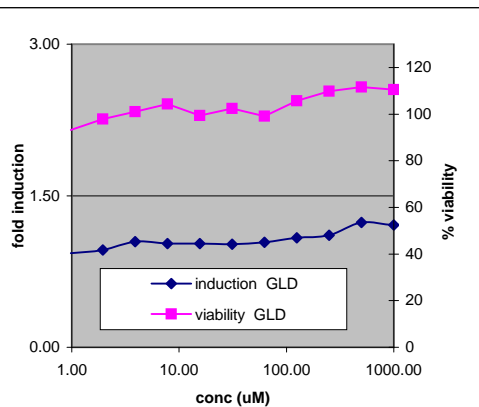
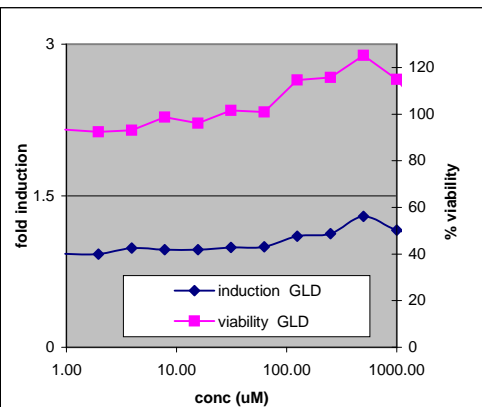
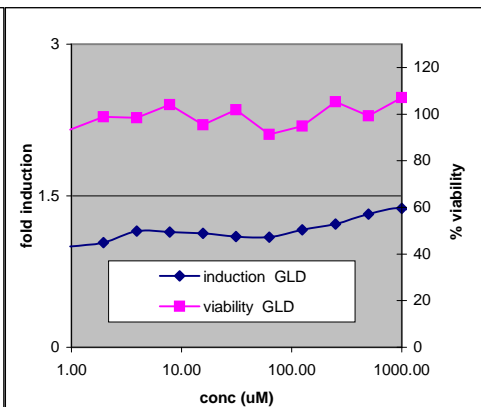
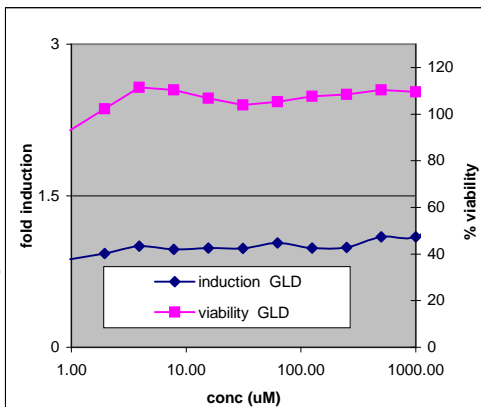
Run 1      **4-aminobenzoic acid (GLD)**

## Run 2

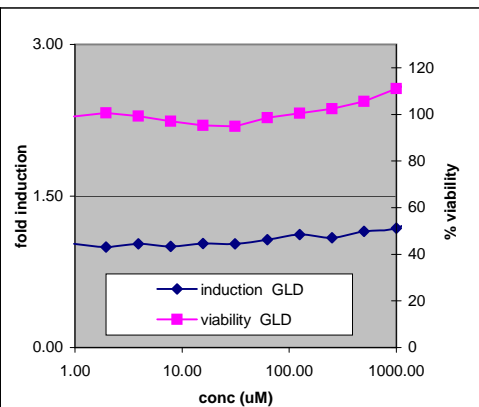
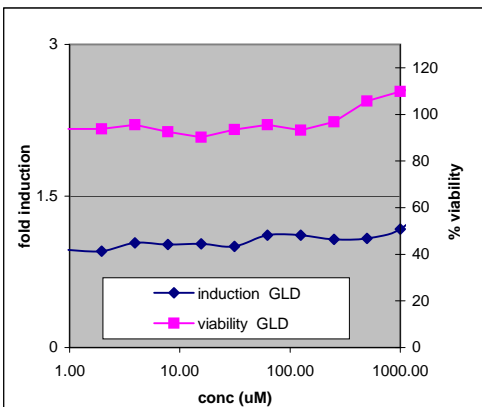
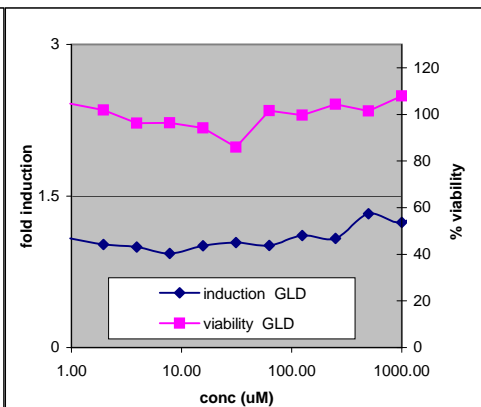
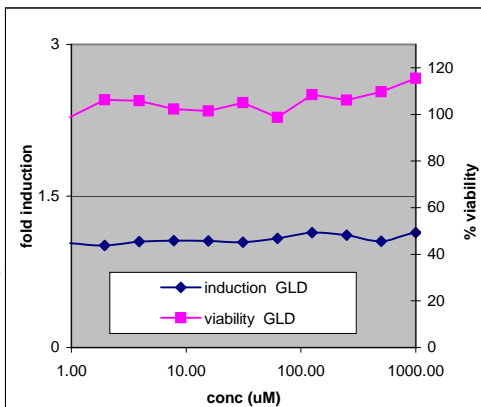
### Run 3

**Average**

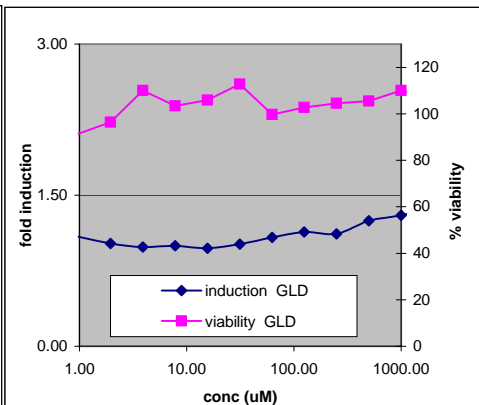
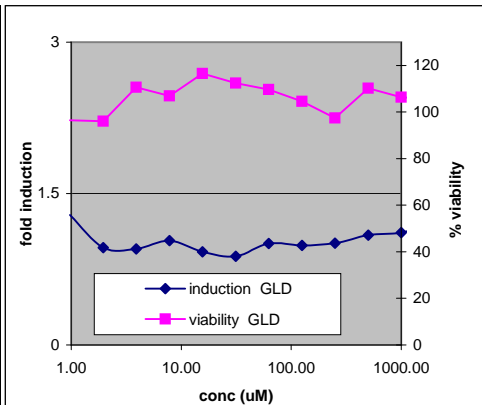
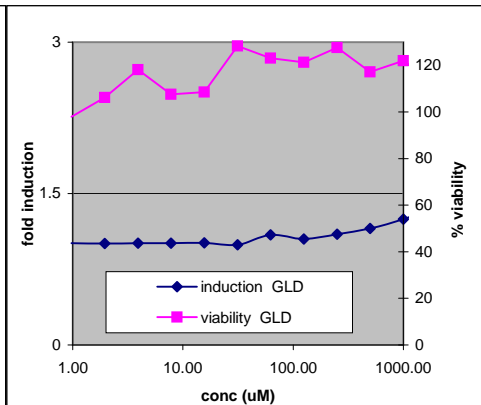
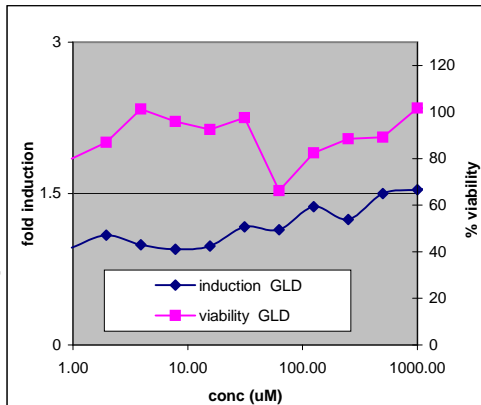
## Experiment 1



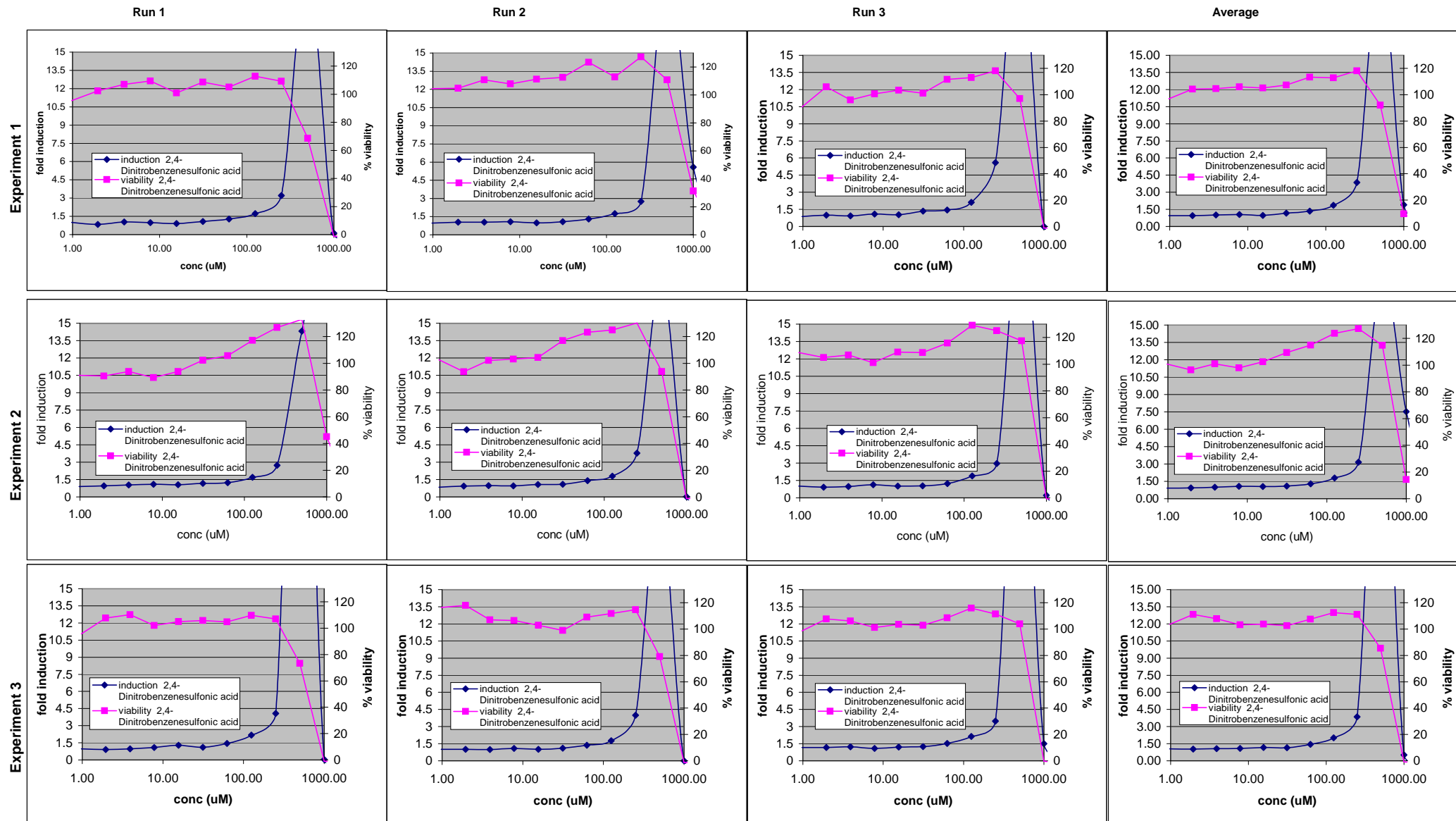
## Experiment 2



### Experiment 3

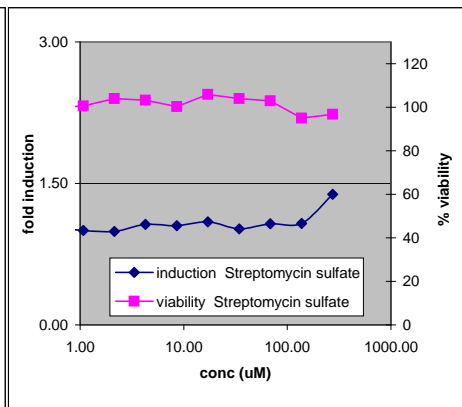


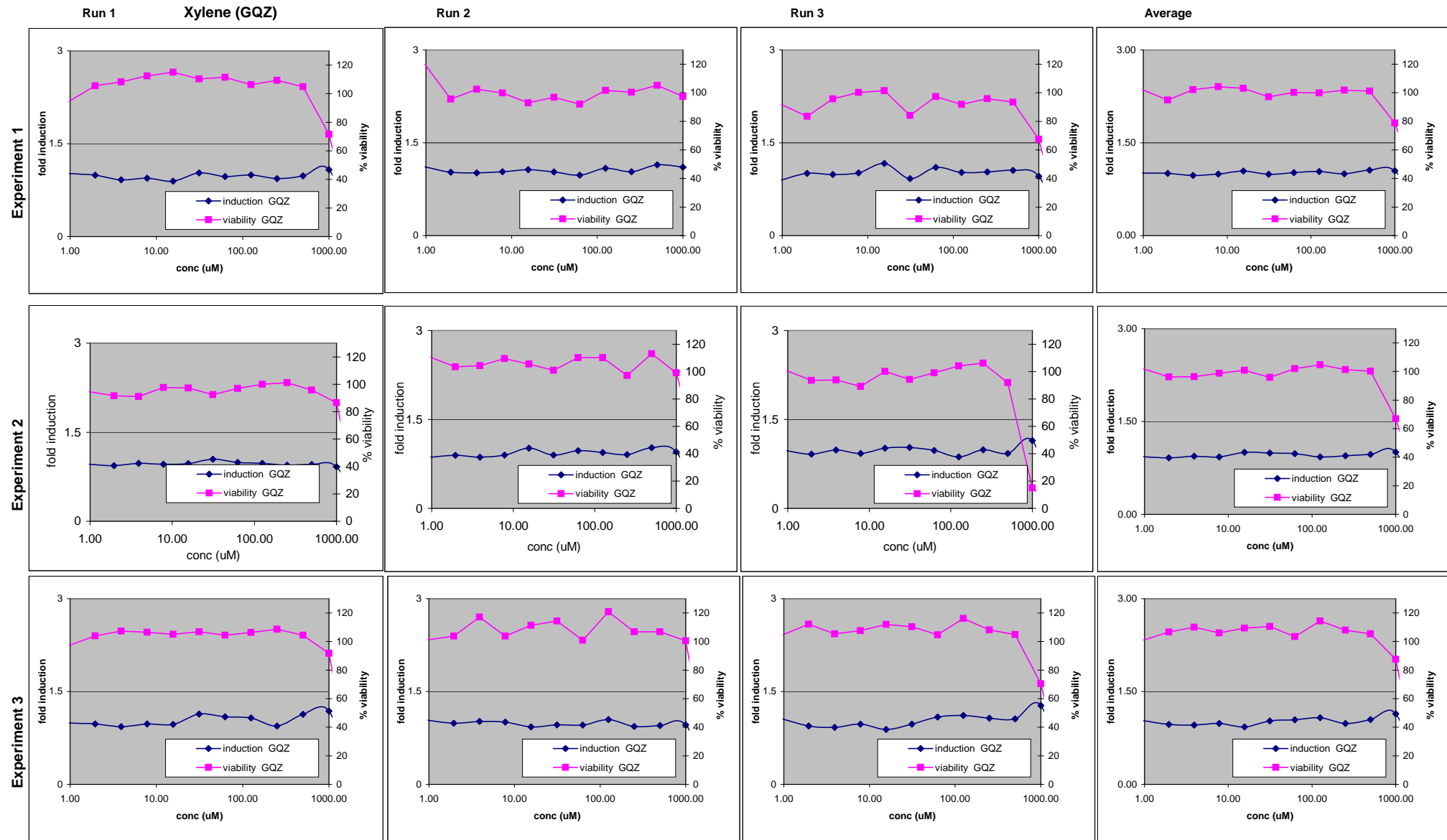




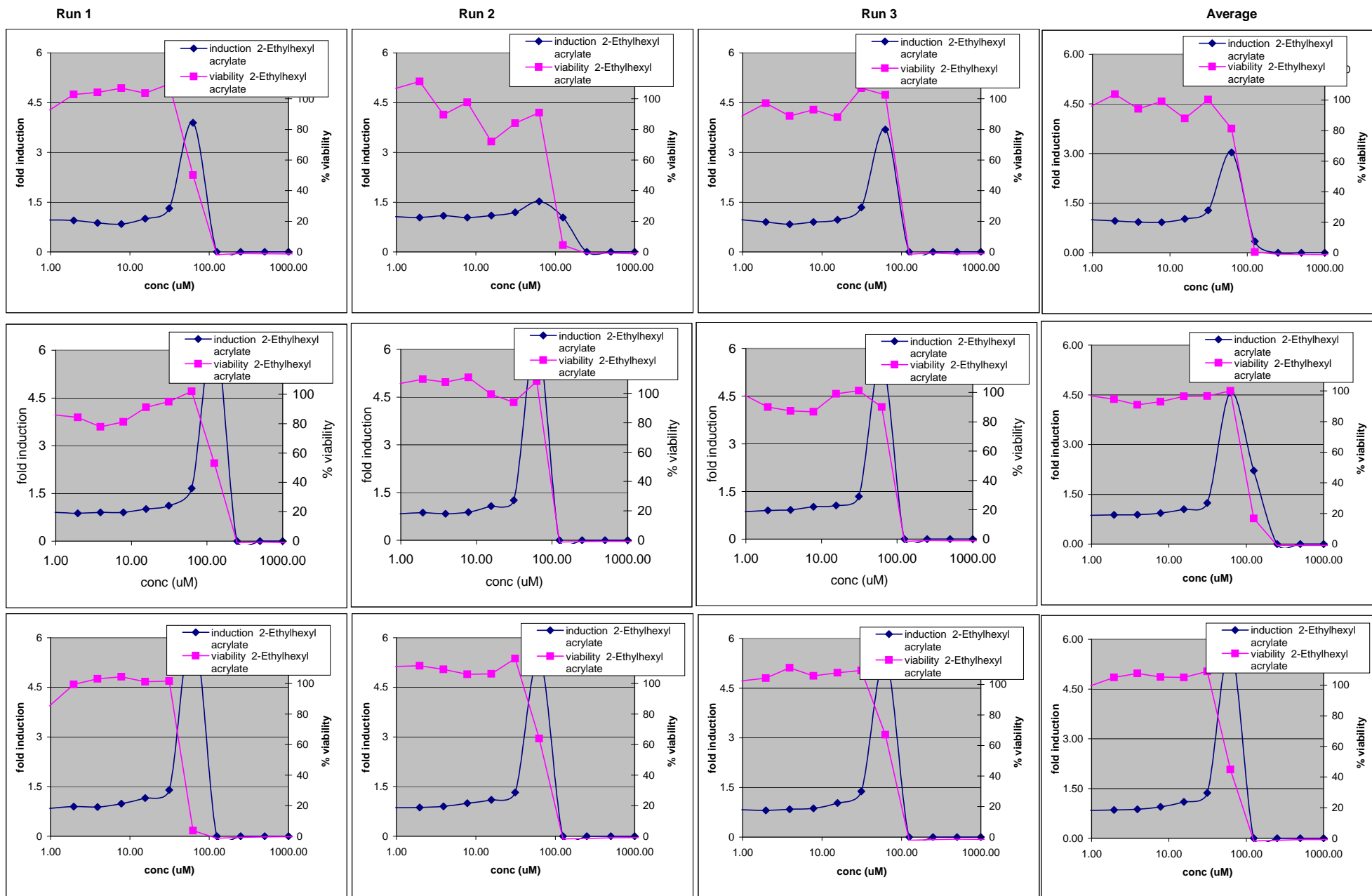
### Experiment 3

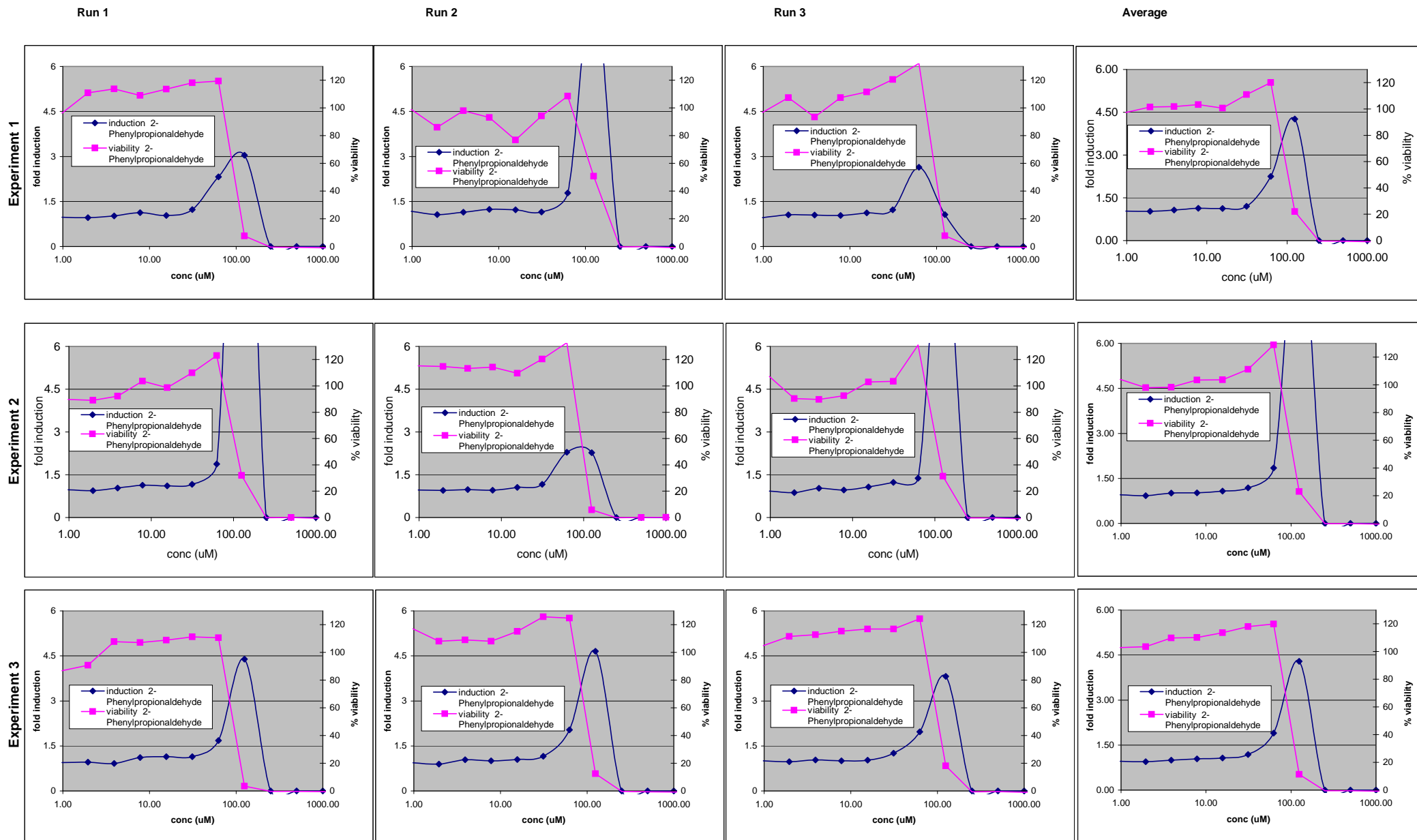
**Average**



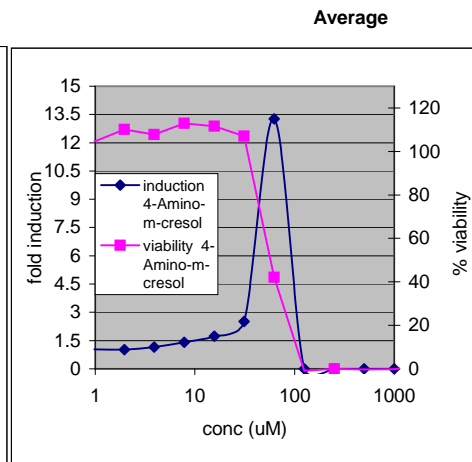
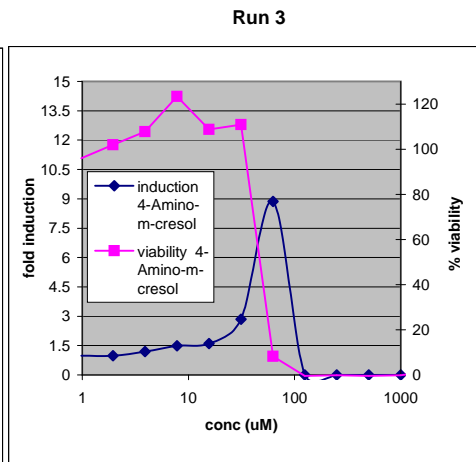
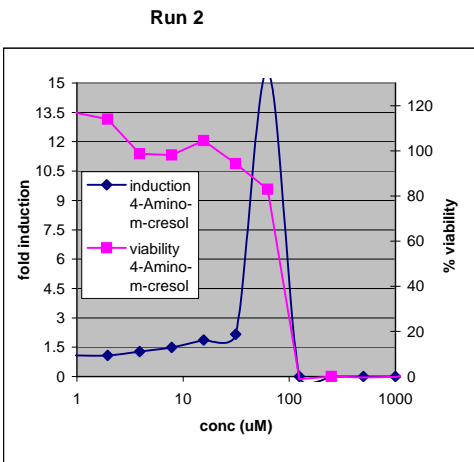
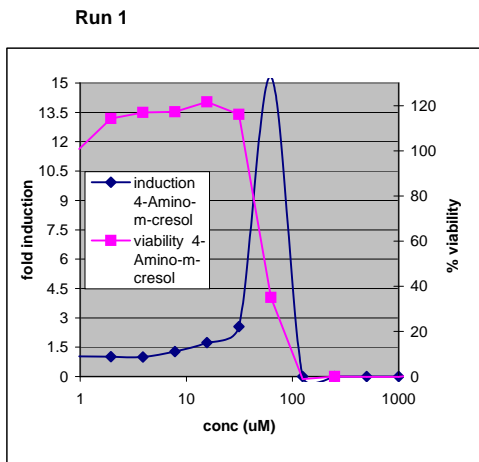


### Experiment 3

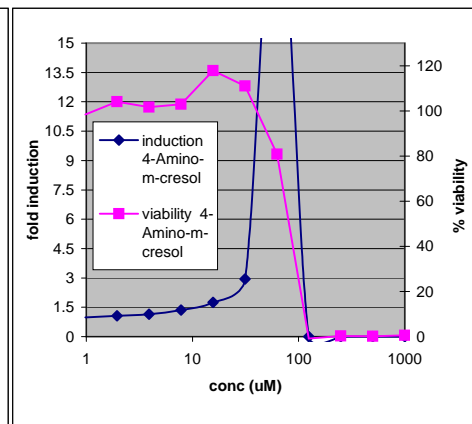
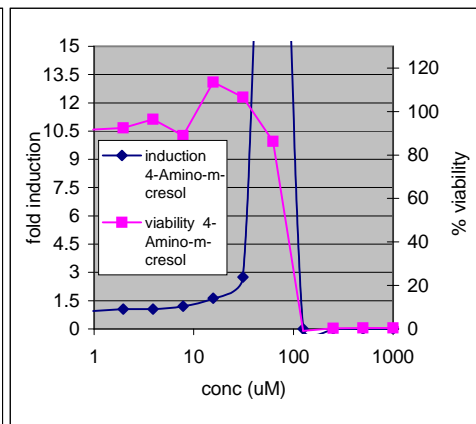
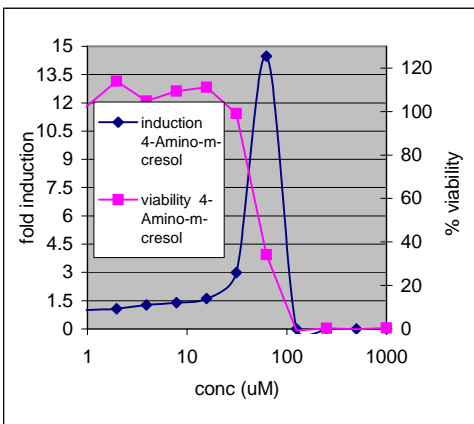
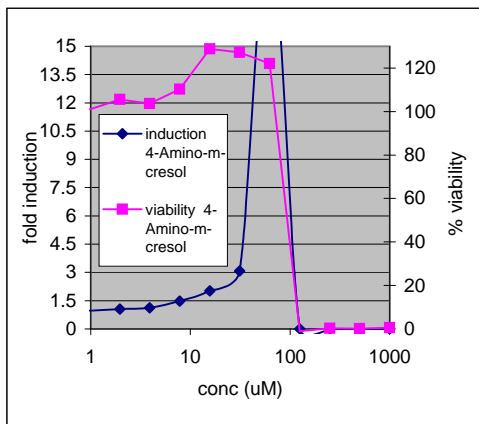




## Experiment 1



## Experiment 2



## Experiment 3

