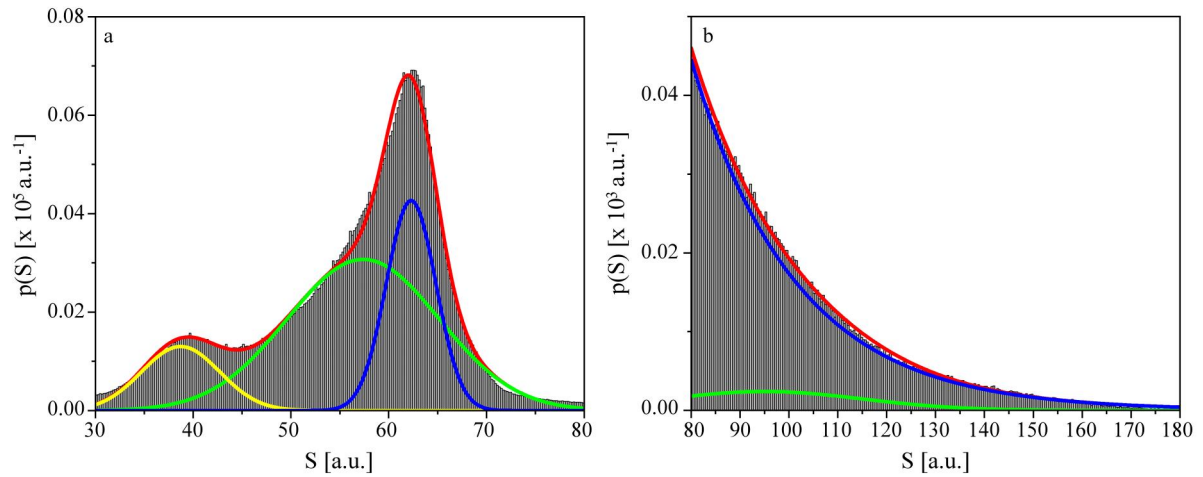




Supplementary Figure 5: Density distributions of the MR intensity applied to the full data range; the peaks of the intensity density function between 30 and 80 are related to the water in the vial. The biomass can be seen mainly above a signal strength of 80. (a) Intensity density distribution of the intensity range between 30 and 80 where the signals from the water are mainly located. Three partial modes of a Gaussian probability distribution are shown in violet, green, and blue, while the overall distribution as their sum is shown in red. (b) Intensity density distribution over a range of 80 to 180. This range contains the information from the plant itself. Higher values are negligible. The blue curve is an exponential approximation; in red is the sum containing in addition a small contribution of a Gaussian function.