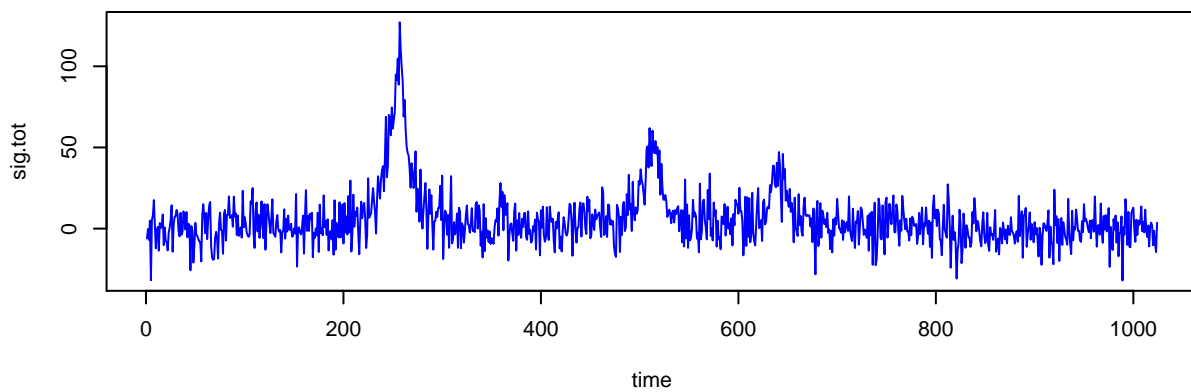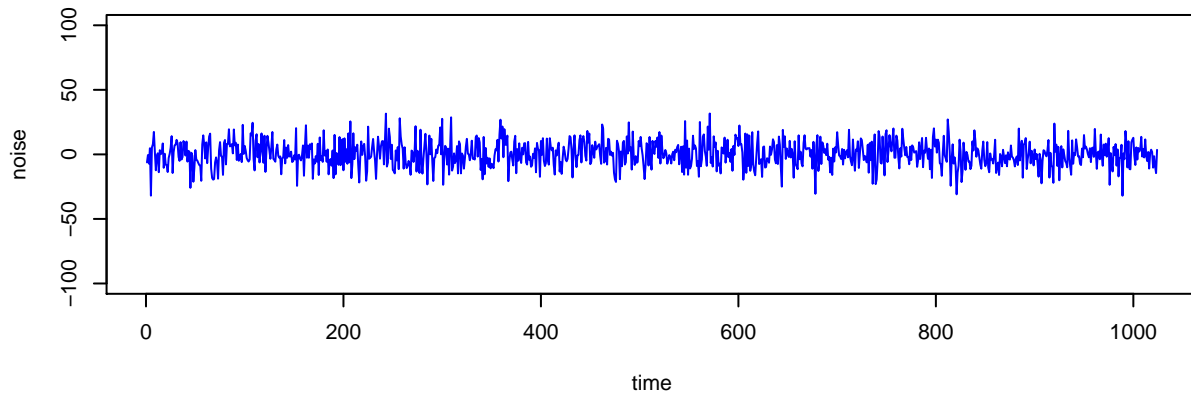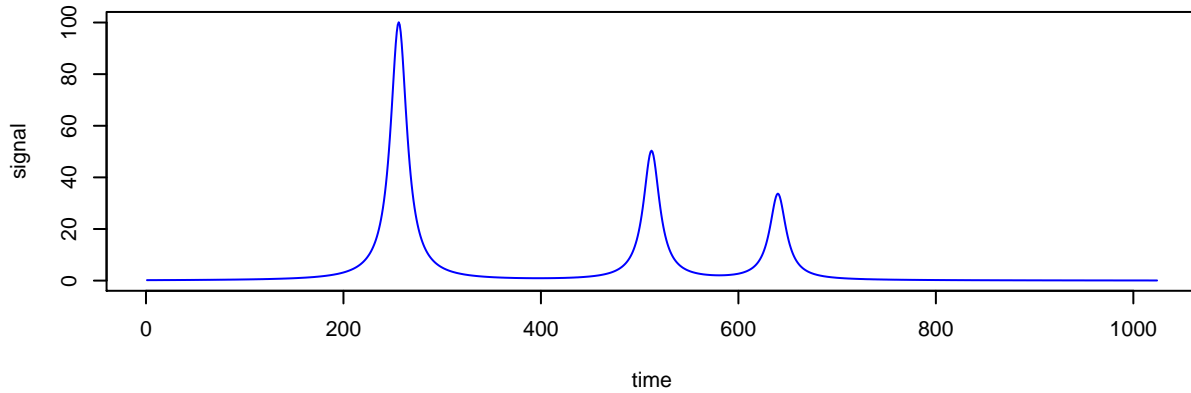# Signal and Noise Example

The three analytical signals have magnitudes of 100, 50, and 33.3.

The noise is drawn from a random normal distribution with a true mean of 0 and a true standard deviation of 10; the mean of this sample of noise is 0.336 and the standard deviation is 10.114.