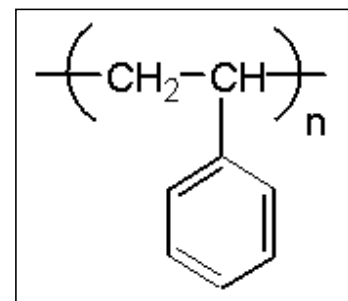


# Polystyrene (PS) Analysis using MALDI-TOFMS

The figures below show the analysis results of polystyrene (PS) with average molecular weights of 600, 1000 and 4000, respectively, using AXIMA-CFR. The PS monomer molecular weight ( $\Delta m=104$ ) can be observed as an interval unit of a discrete molecular weight distribution. A resolution of approximately 3000 is achieved in the measurement examples below (linear mode), and isotopic peaks were resolved in the vicinity of molecular weight 1000.



PS Monomer Unit

