Figure 4 Heart rate changes in a wild bear during a visit to the den site. Sequences automatically recorded on 17-Dec-09 during a visit to the den of bear 1. Panels show heart rate trends: prior to arrival at the den (slow heart rate with RSA), after arrival (team arrived at 9:30 AM; respiration rate noticeably elevated), while the anesthetic was taking effect (increase in heart rate and attenuation of RSA), and of the fully anesthetized animal (no RSA and steady rate of 120 bpm). The downward excursions in the plot correspond to respiratory cycling and are a result of a pronounced respiratory sinus arrhythmia.