Chemical structures and product ion mass spectra of the precursor ions of synthetic peptides (A) BChE* ([M+H]+ m/z 805.4); (B) oCP-BChE* ([M+H]+ m/z 975.4). Fragmentation spectra were collected scanning the mass range of m/z 500-1000, using a collision energy of 27 V for BChE* and 34 V for oCP-BChE*. The dashed lines for each structure denote the proposed sites of fragmentation and asterisks indicate the location of carbon-13 labeling. The peptide sequence shown is FGESAGAAS.
Extracted ion chromatograms of quality control materials (A) Unexposed human serum, (B) Human serum spiked with CBDP. The chromatographic peak for BChE (red) is generated from \( m/z \ 796.3 \rightarrow 691.3 \), and oCP-BChE (black) from \( m/z \ 966.4 \rightarrow 778.3 \).