Figure S1  XRD patterns of NaVPO$_4$F/C precursors with different temperatures for 4h.

Figure S2  XRD patterns of NaVPO$_4$F/C precursors with different times at $180^\circ$C.
Figure S3 Cyclic voltammograms NaVPO$_4$F sintered at 800 °C at a scan rate of 0.1 mV·s$^{-1}$

Figure S4 EDS of NaVPO$_4$F/C precursor
Figure S5  EDS of NaVPO$_4$F/C sintered at 750 °C

Figure S6  EDS of NaVPO$_4$F/C sintered at 800 °C