Electronic Supplementary Material (ESI) for RSC Advances

Fabrication of boron and nitrogen-doped carbon nano-particles by stress from pyrolysis of borazine-containing arylacetylene

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Elemental analysis was determined using an Elementar Vario EL III elemental analyzer (for nitrogen) and inductively coupled plasma atomic emission spectroscopy (ICP-AES, IRIS 1000; Thermo Elemental, Franklin, MA) (for boron). The contents of boron and nitrogen in obtained carbon nano-particles after carbonization at 1200℃ are shown in Table 1S.

Table 1S the contents of boron and nitrogen in obtained carbon nano-particles after carbonization at 1200℃

Sample	Boron (%)	Nitrogen (%)
PBZA-H	6.50	6.41
PBZA-V	6.20	5.85