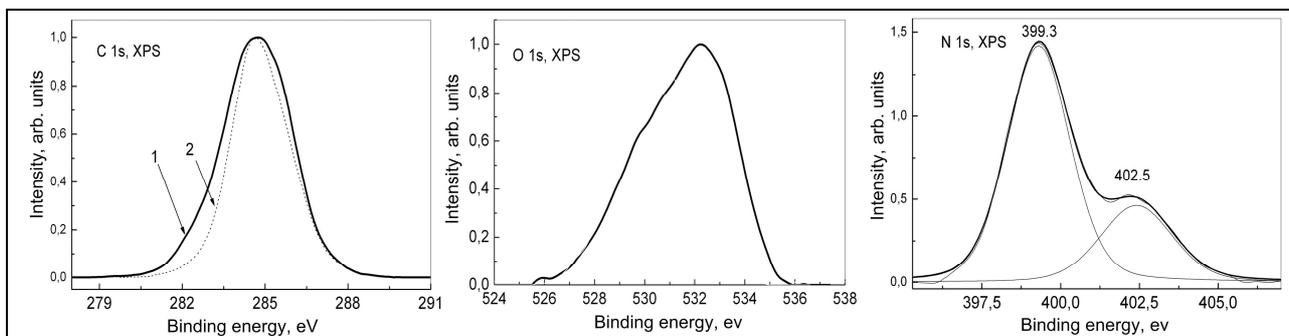
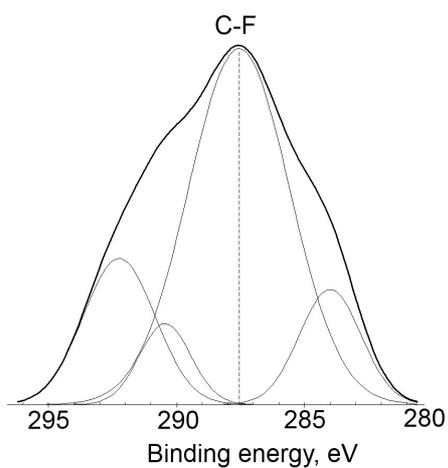


Surface modification of detonation nanodiamond with ethylenediamine and hexamethylenediamine

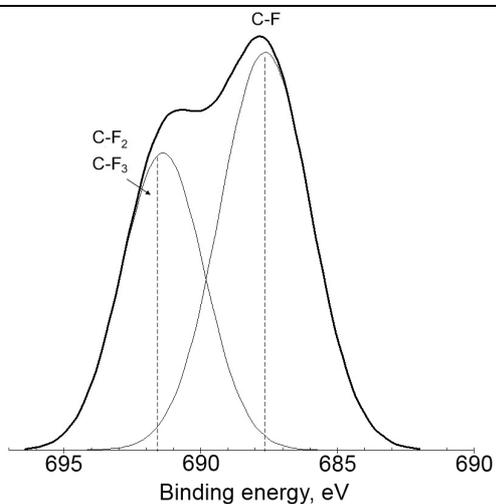
Ruslan Yu. Yakovlev, Inna I. Kulakova, Nikolai B. Leonidov and Georgii V. Lisichkin*



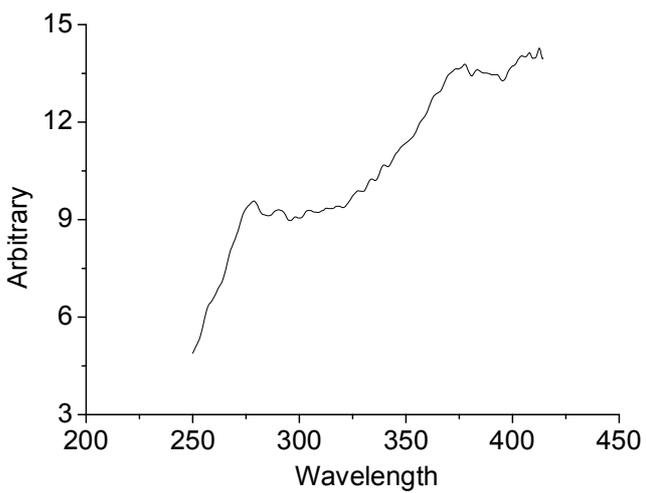
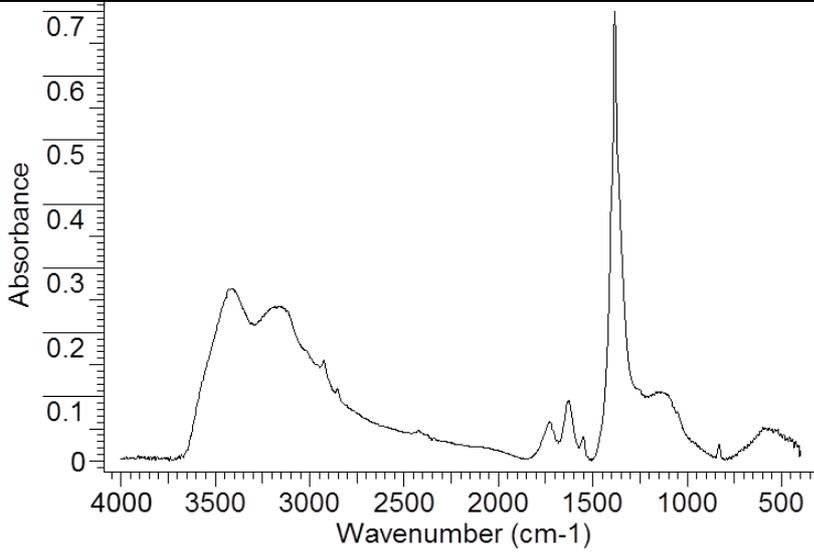
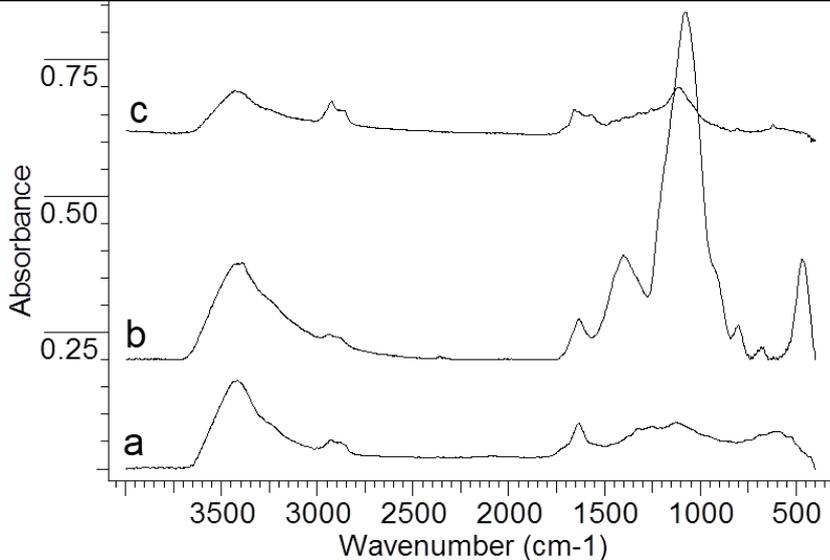
XPS spectra of C1s, O1s and N1s of original nanodiamond

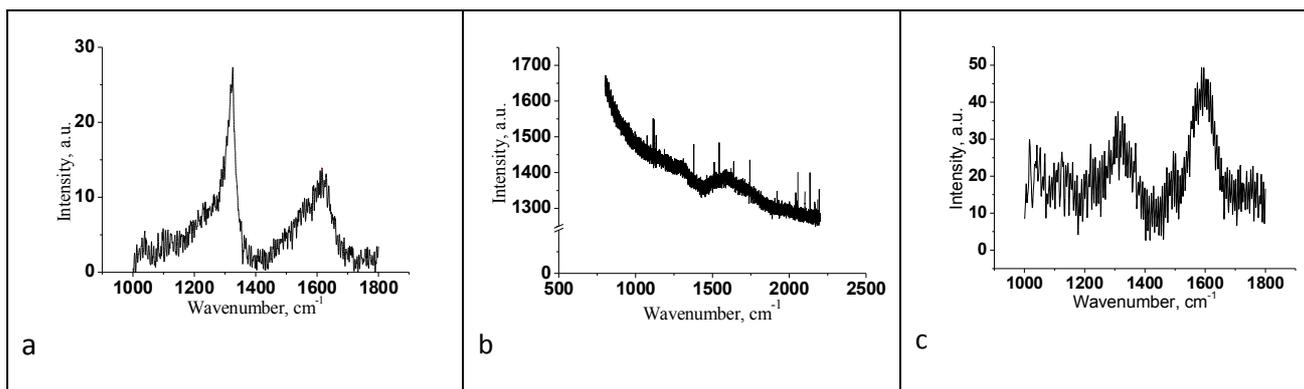
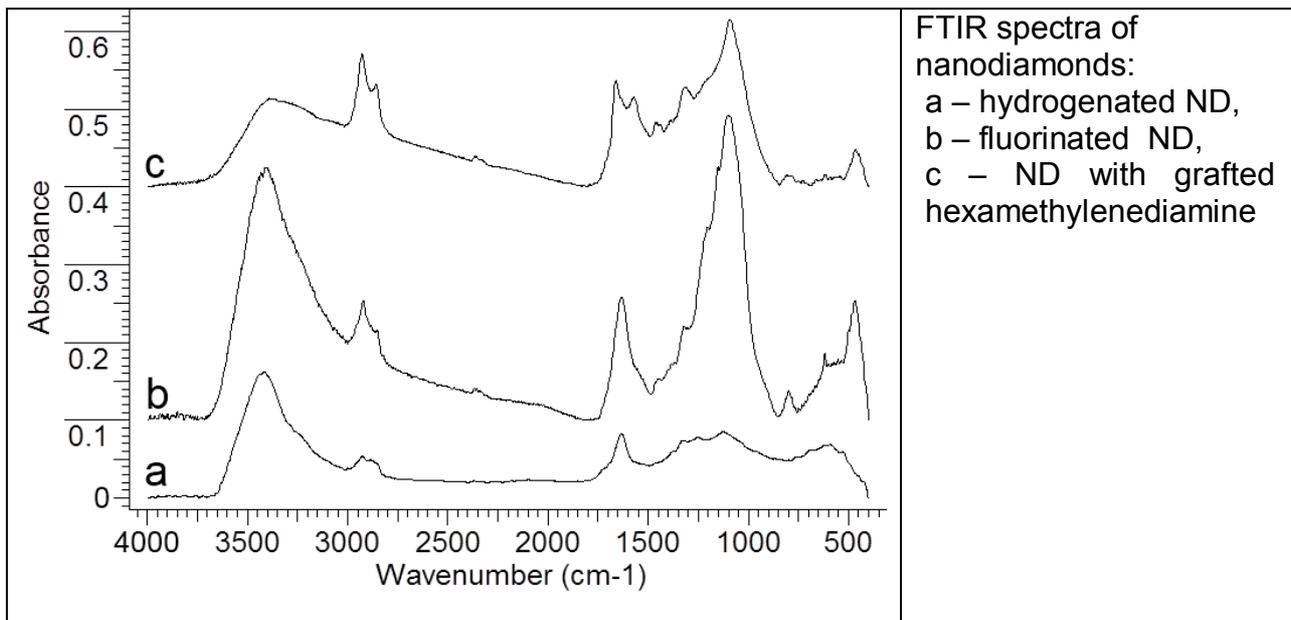


C1s XPS spectra of fluorinated nanodiamond in SF₆ plasma



F1s XPS spectra of fluorinated nanodiamond in SF₆ plasma

	<p>The luminescence excitation spectrum of nanodiamond with grafted ethylenediamine</p>
	<p>FTIR spectrum of original nanodiamond</p>
	<p>FTIR spectra of nanodiamonds: a – hydrogenated ND, b – fluorinated ND, c – ND with grafted hexamethylenediamine</p>



Raman spectra of nanodiamond: a, original; b, with grafted ethylenediamine; c, with grafted hexamethylenediamine