Supplementary Information for

Development and Applications of Paper-Spray Ionization-Mass Spectrometry for Continuous Sub-Microlitre Droplets Analysis

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**Fig. S1.** Average volume of the droplets ($V$) versus $\Delta h$ for capillary tubes with different lengths ($L$); voltage=4.5 kV, $D=350 \mu$m. No remarkable effect on the droplet volume was observed in the given range.
**Fig. S2.** Average volume of the droplets ($V$) using pure water and methanol/water solution with different proportioning as the solvent; voltage=4.5 kV, $D=350$ μm, $L=330$ mm, and $Δh=170$ mm.
**Fig. S3.** Analysis of droplets of Rhodamine 6G solution at the concentration of 30 ppb and a S/N ratio of 3 was achieved.
Fig. S4. (a) MS spectra of 0.02 M benzaldehyde in methanol/water (7:3, v/v). (b) Extracted ion chromatogram of ion at m/z 121 with the present platform.
Fig. S5. Mass spectrum of watermelon juice generated with conventional ESI-MS.