

## SUPPORTING INFORMATION

# Rapid and simultaneous determination of free aromatic carboxylic acids and phenols in commercial juices by GC-MS after ethyl chloroformate derivatization

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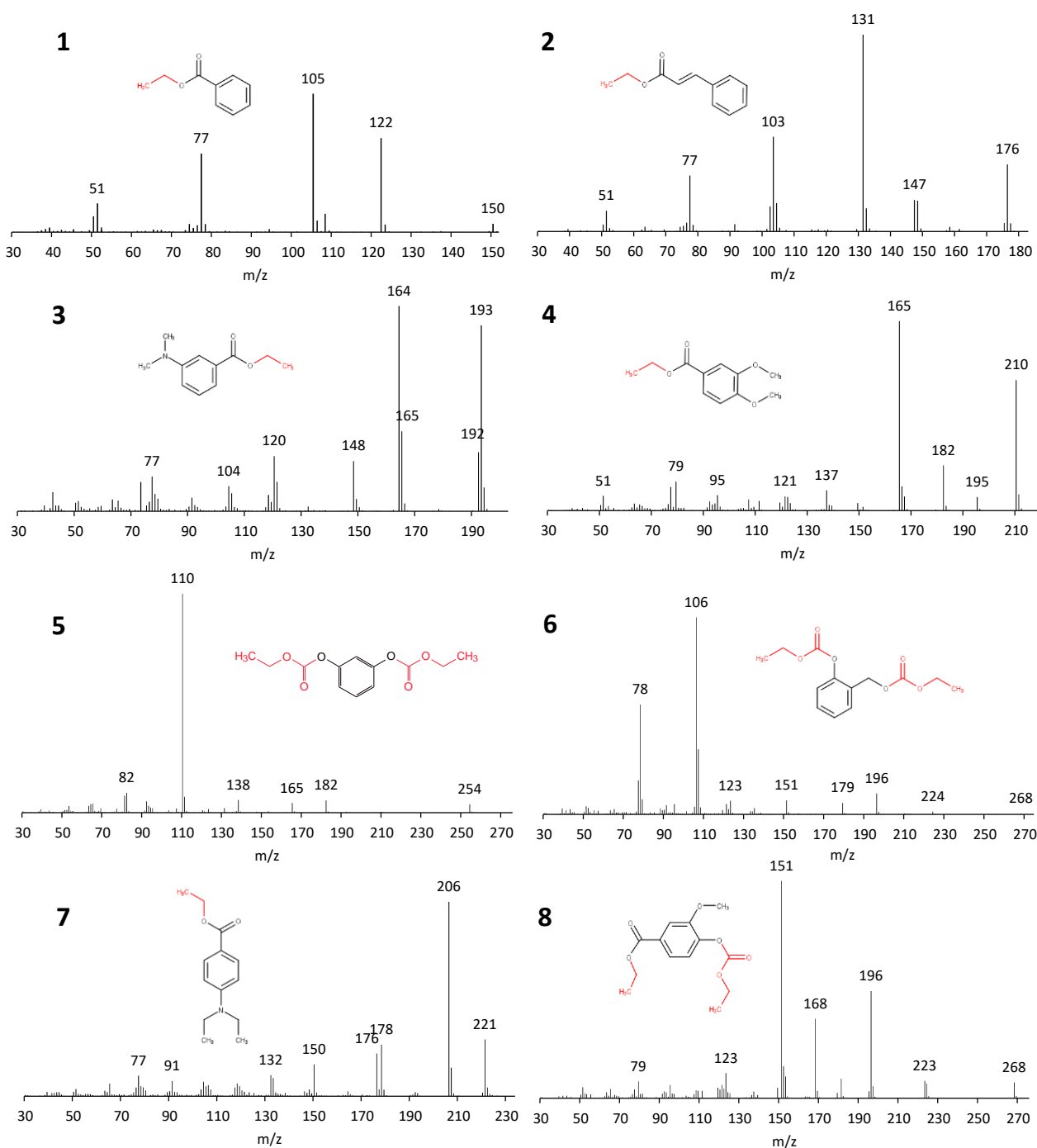
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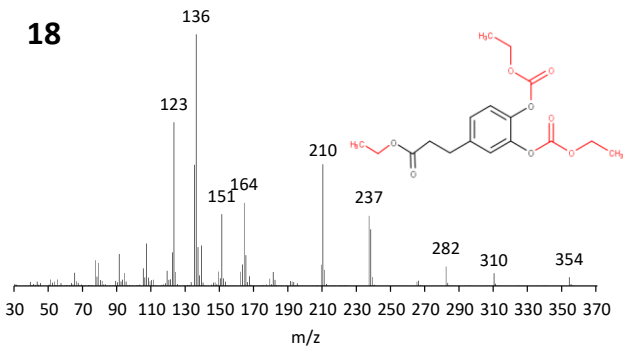
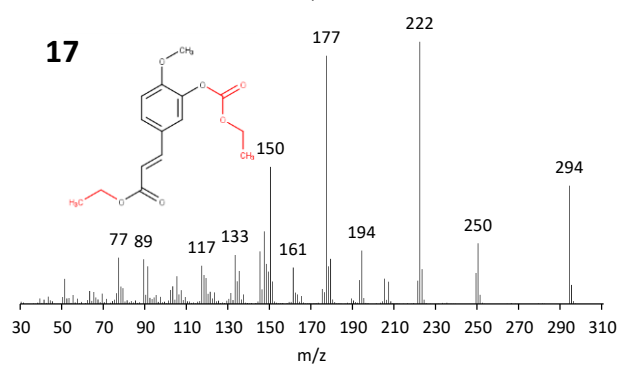
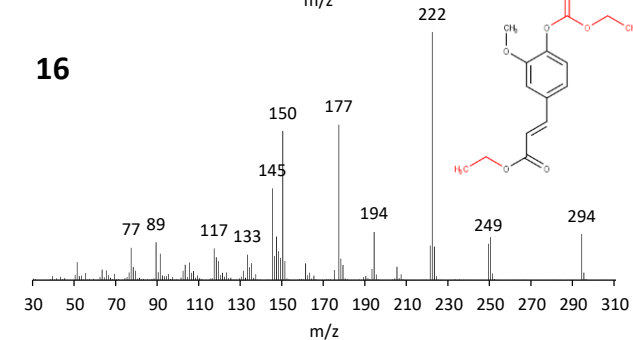
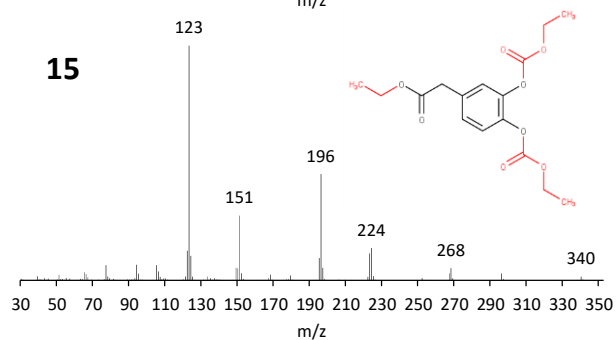
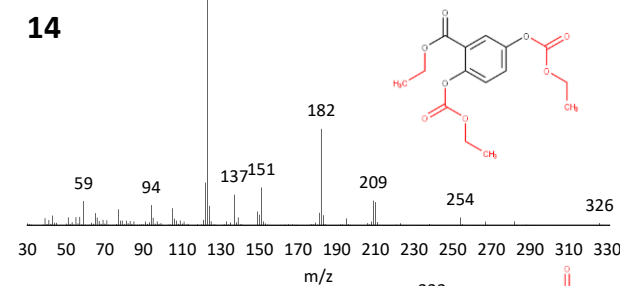
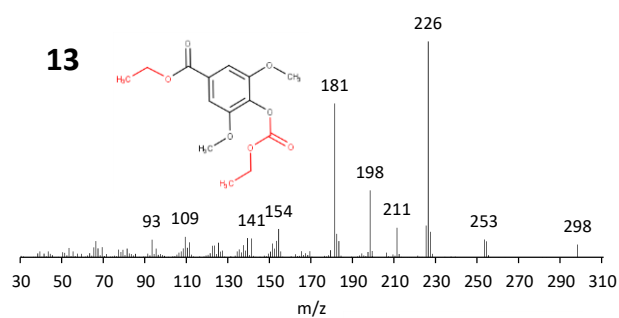
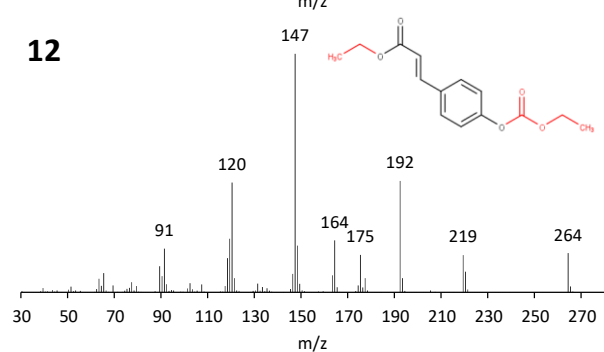
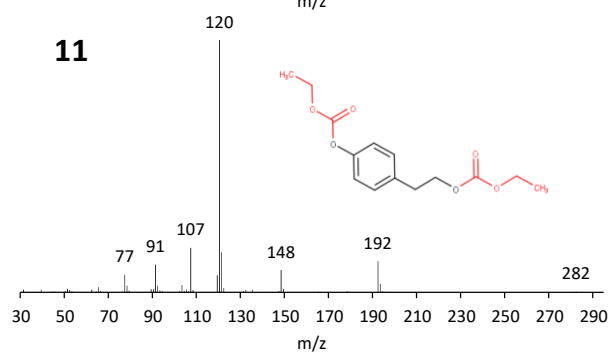
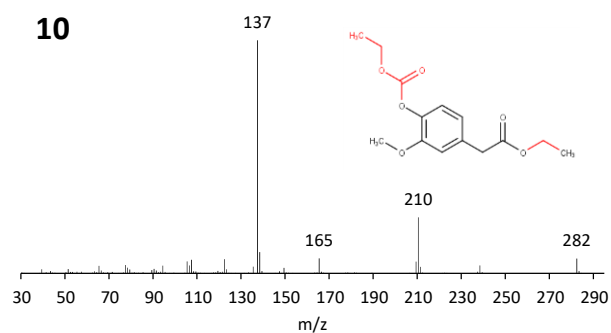
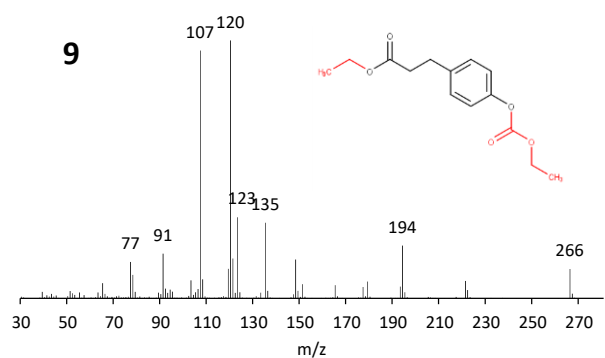
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**Figure S1:** Electron impact (70 eV) mass spectra of aromatic carboxylic acids and phenols extracted/derivatized with ECF.

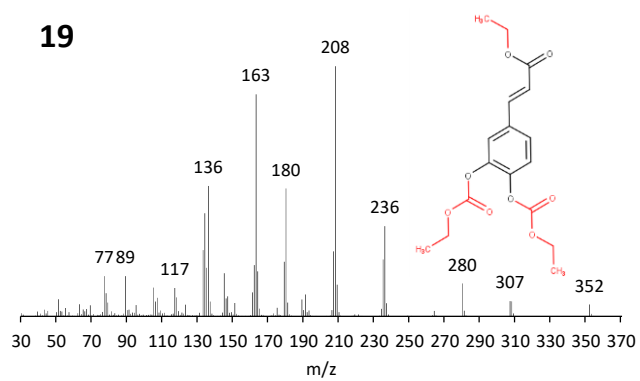
**Figure S2:** Effect of filtration with diatomaceous earth on the content of aromatic carboxylic acids and phenols in blueberry juice.

**Figure S1. Electron impact (70 eV) mass spectra of aromatic carboxylic acids and phenols extracted/derivatized with ECF. Carboxylic moieties are derivatized as ethyl esters whereas hydroxyl groups as ethoxycarbonyl derivatives.**





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**Figure S2: Effect of filtration with diatomaceous earth on the content of aromatic carboxylic acids and phenols in blueberry juice.** Values are the mean  $\pm$  SD of three independent extraction/derivatization experiments. Values are reported as %.

