

isotopic molecular ion

A molecular ion containing one or more of the less abundant naturally occurring *isotopes* of the atoms that make up the molecular structure.

Thus, for ethyl bromide there exist isotopic molecular ions such as:

$^{13}\text{CCH}_5\text{Br}^+$; $\text{C}_2\text{H}_4\text{DBr}^+$; $\text{C}_2\text{H}_5^{81}\text{Br}^+$,

$^{13}\text{C}_2\text{H}_5^{81}\text{Br}^+$; etc.

1991, 63, 1549