

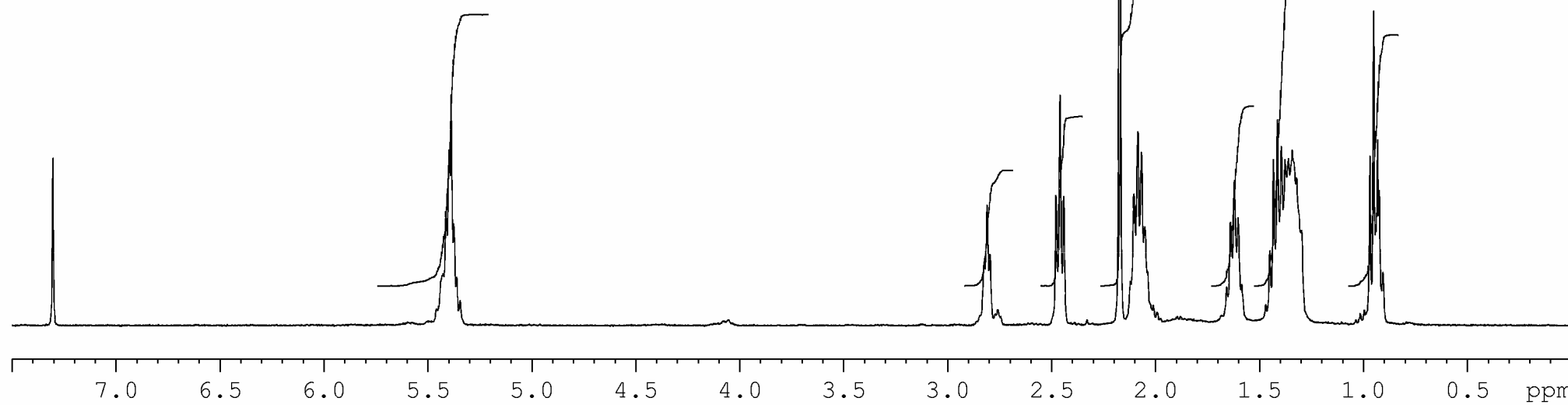
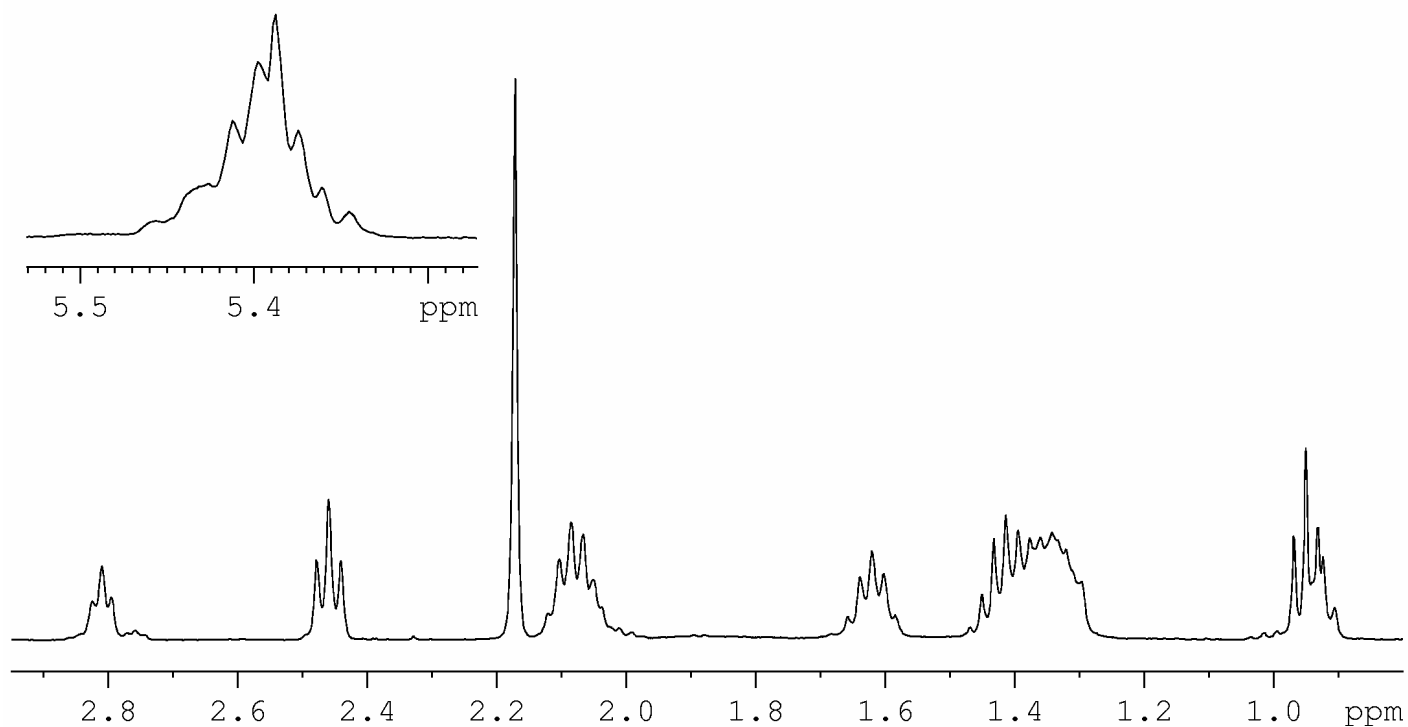
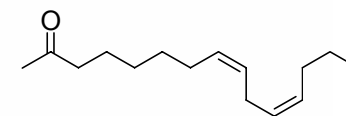
# Isolation, structure elucidation and total synthesis of a cytotoxic dienone from *Echinacea pallida*

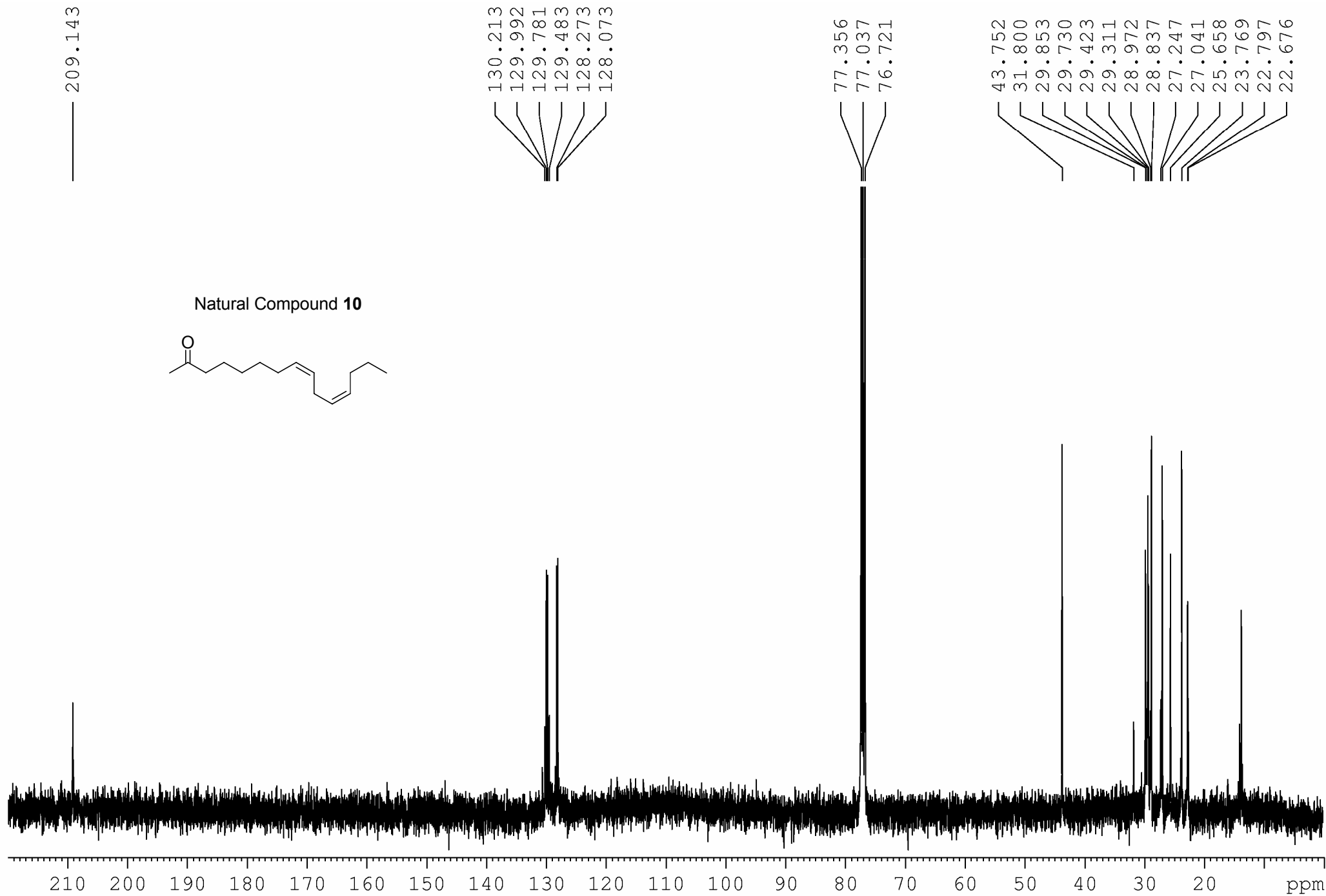
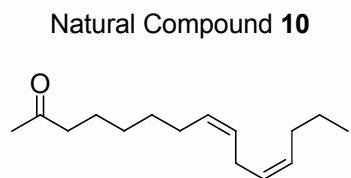
Stefania Morandi<sup>a,b</sup>, Federica Pellati<sup>\*a</sup>, Claudia Ori<sup>b</sup>, Barbara Adinolfi<sup>c</sup>, Paola Nieri<sup>c</sup>, Stefania Benvenuti<sup>a</sup>,  
Fabio Prati<sup>\*b</sup>

## Supplementary Information

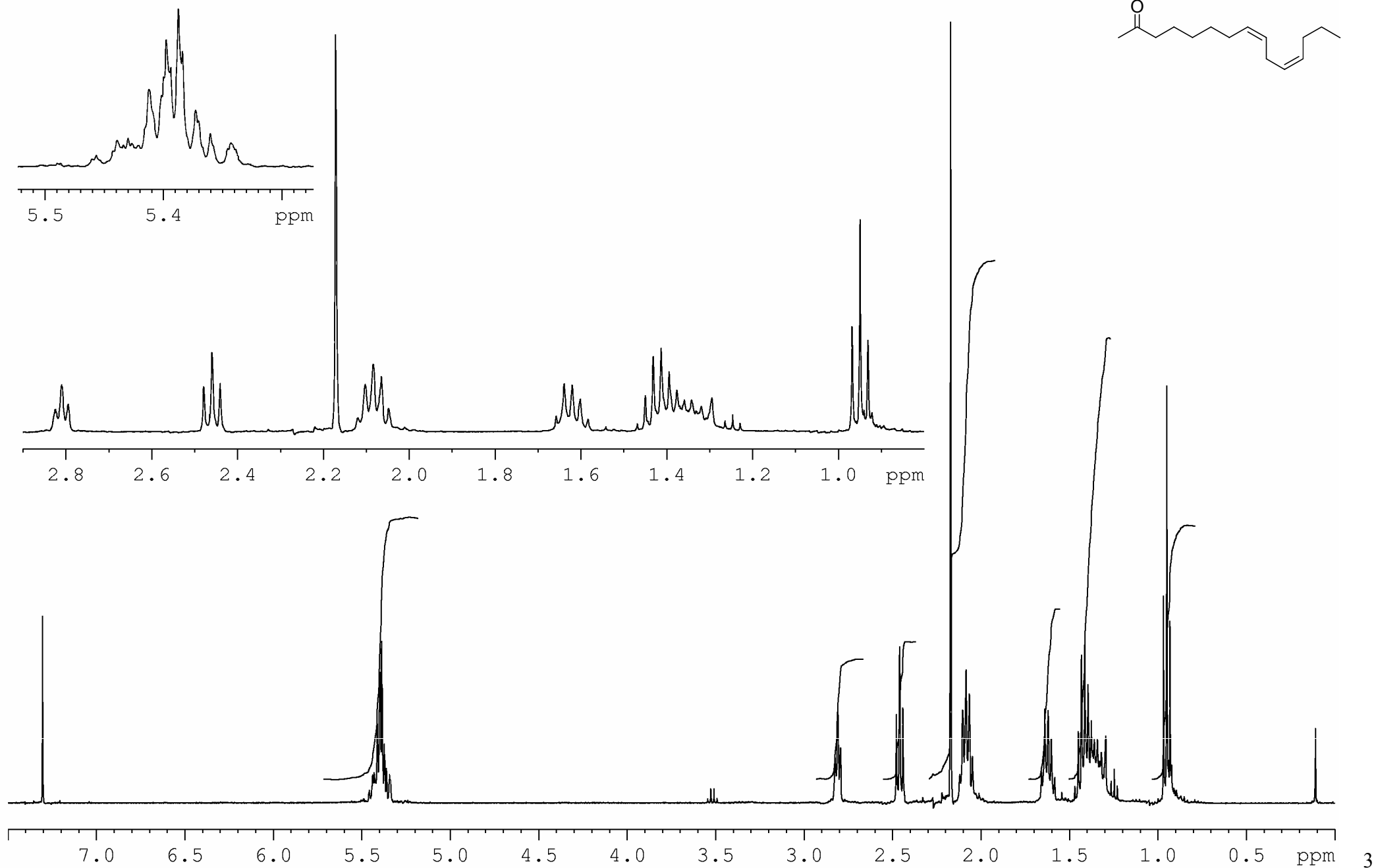
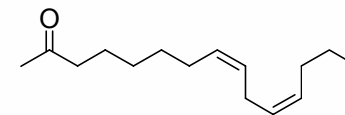
Page 1	<sup>1</sup> H NMR of the natural compound <b>10</b>
Page 2	<sup>13</sup> C NMR of the natural compound <b>10</b>
Page 3	<sup>1</sup> H NMR of the synthetic compound <b>10a</b>
Page 4	<sup>13</sup> C NMR of the synthetic compound <b>10a</b>
Page 5	<sup>1</sup> H NMR of the synthetic compound <b>10b</b>
Page 6	<sup>13</sup> C NMR of the synthetic compound <b>10b</b>

Natural Compound **10**

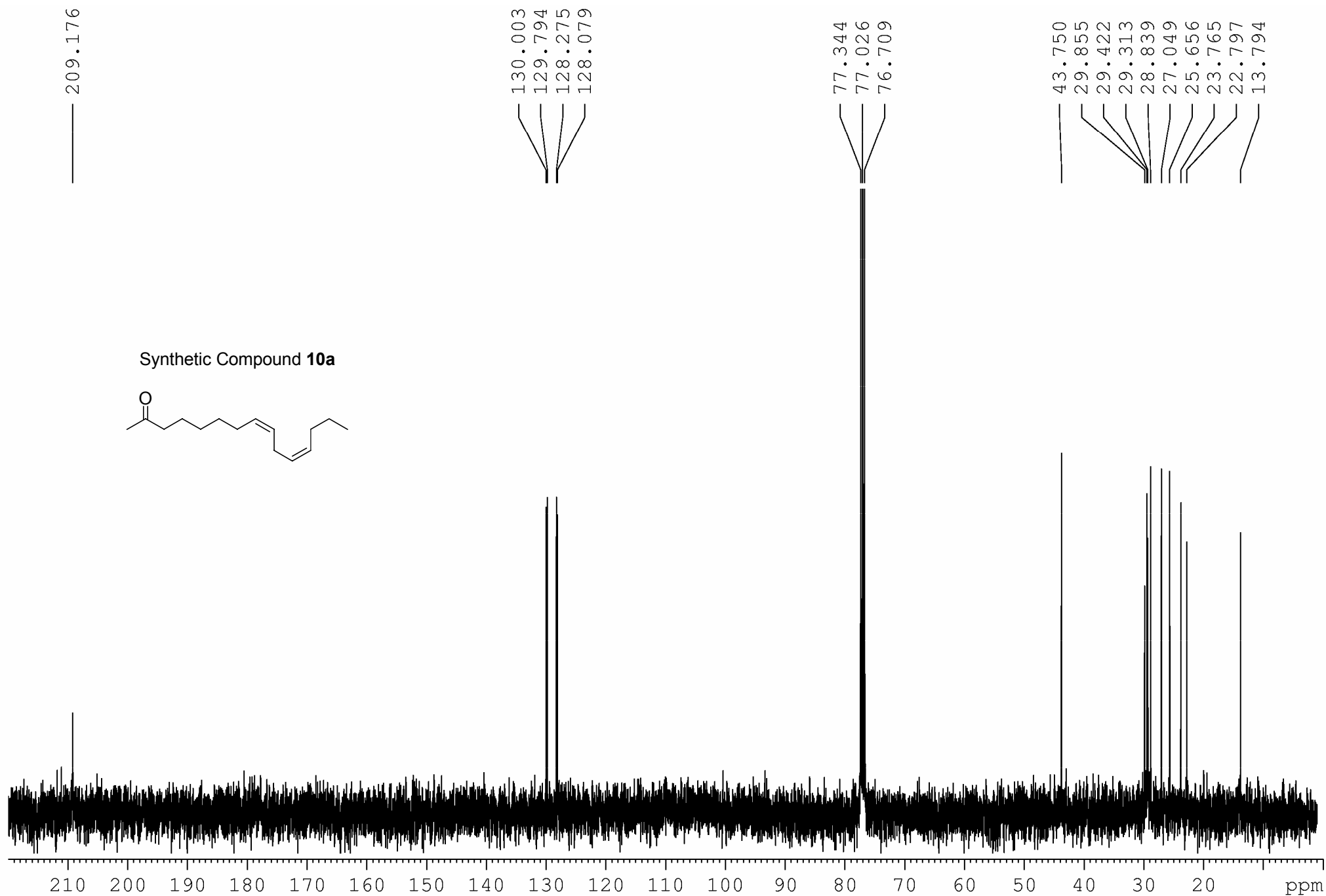
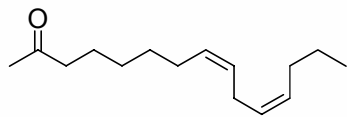




Synthetic Compound **10a**



Synthetic Compound **10a**



Synthetic Compound **10b**

