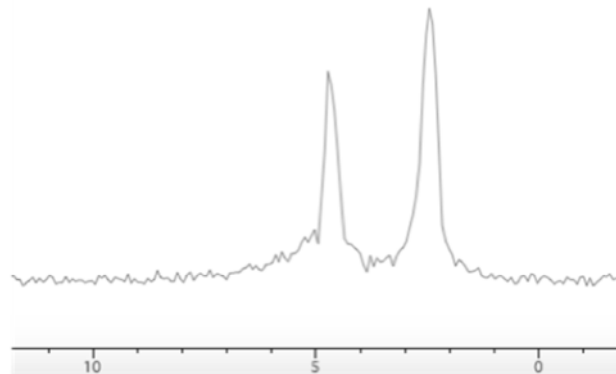
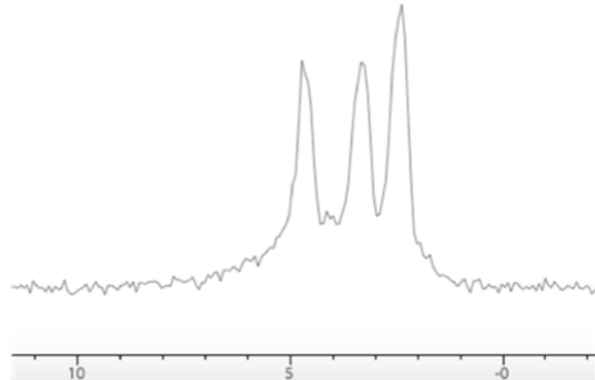


a) sarcosine-4,4,4-d₃



b) sarcosine-2,2,4,4,4-d₅



b) mixture of sarcosine-2,2-d₂ and sarcosine-4,4,4-d₃

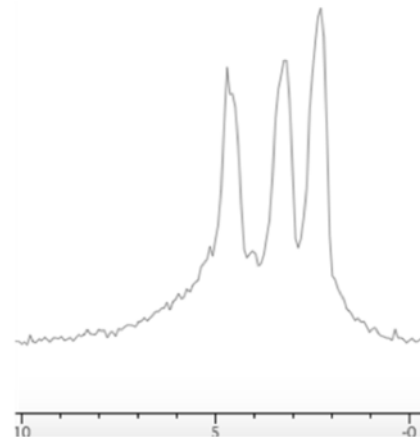
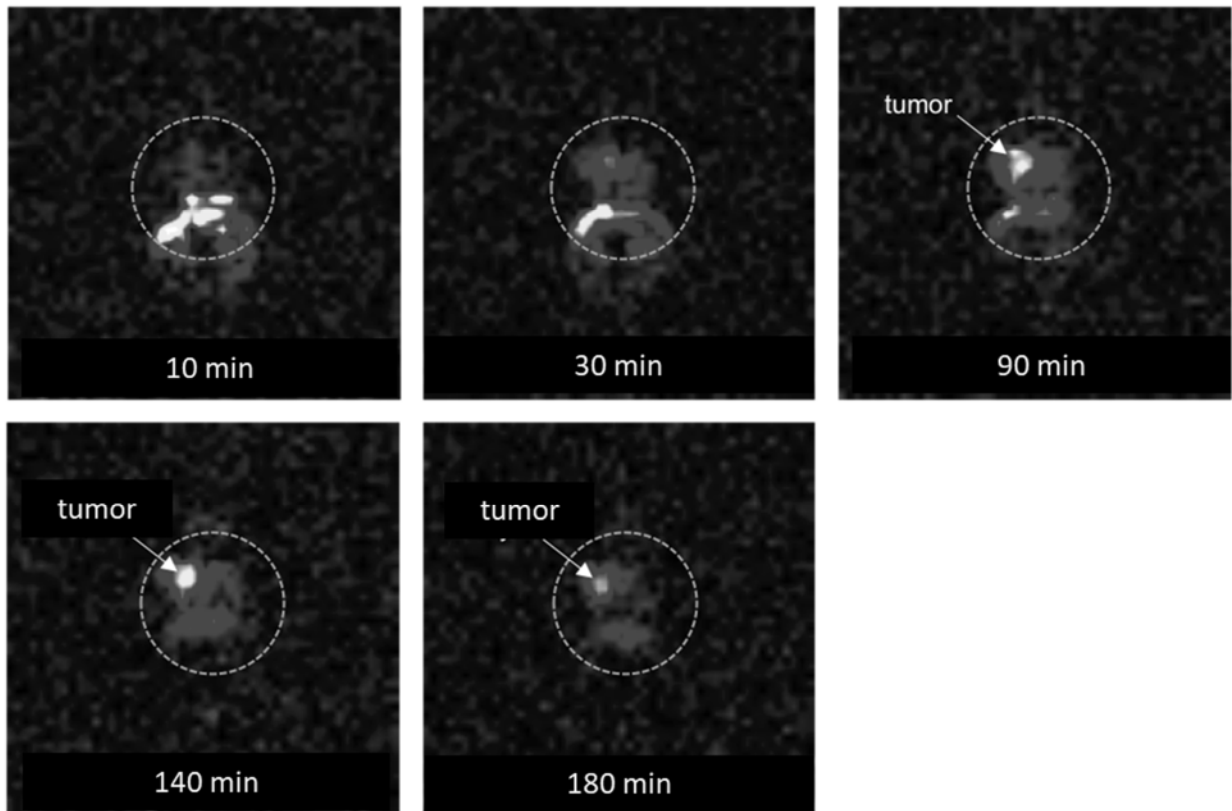
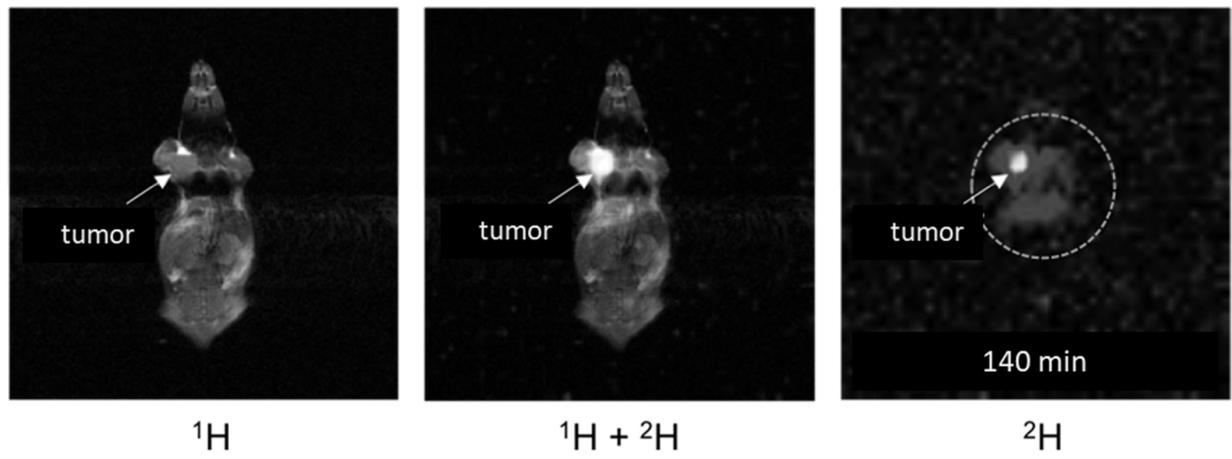
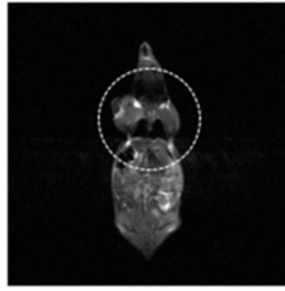
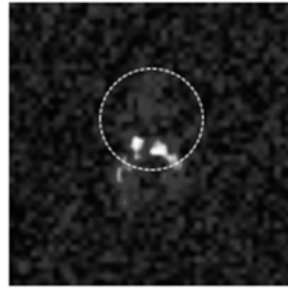
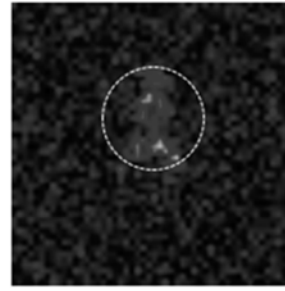
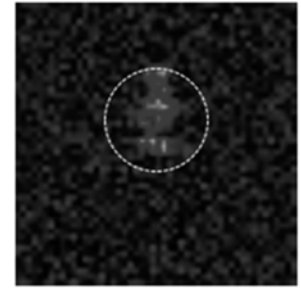
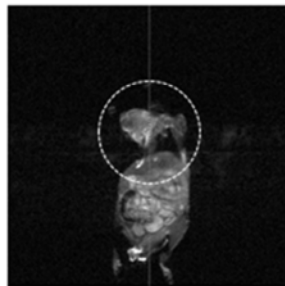
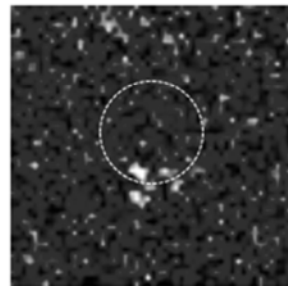
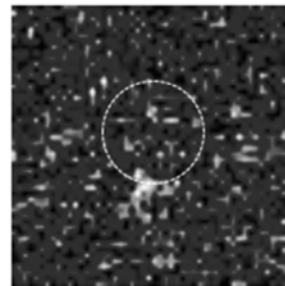
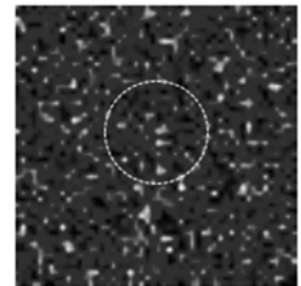


Fig.1

a**b****Fig.2**

a) alanine- d_3  **^1H MRI****15 min****35 min****75 min****b) phenylalanine- d_7**  **^1H MRI****10 min****20 min****40 min****Fig.3**