**SUPPLEMENTARY FILE**

**Kinetic modelling and quantification bias in small animal PET studies with 18F-AB5186, a novel 18 kDa translocator protein radiotracer**

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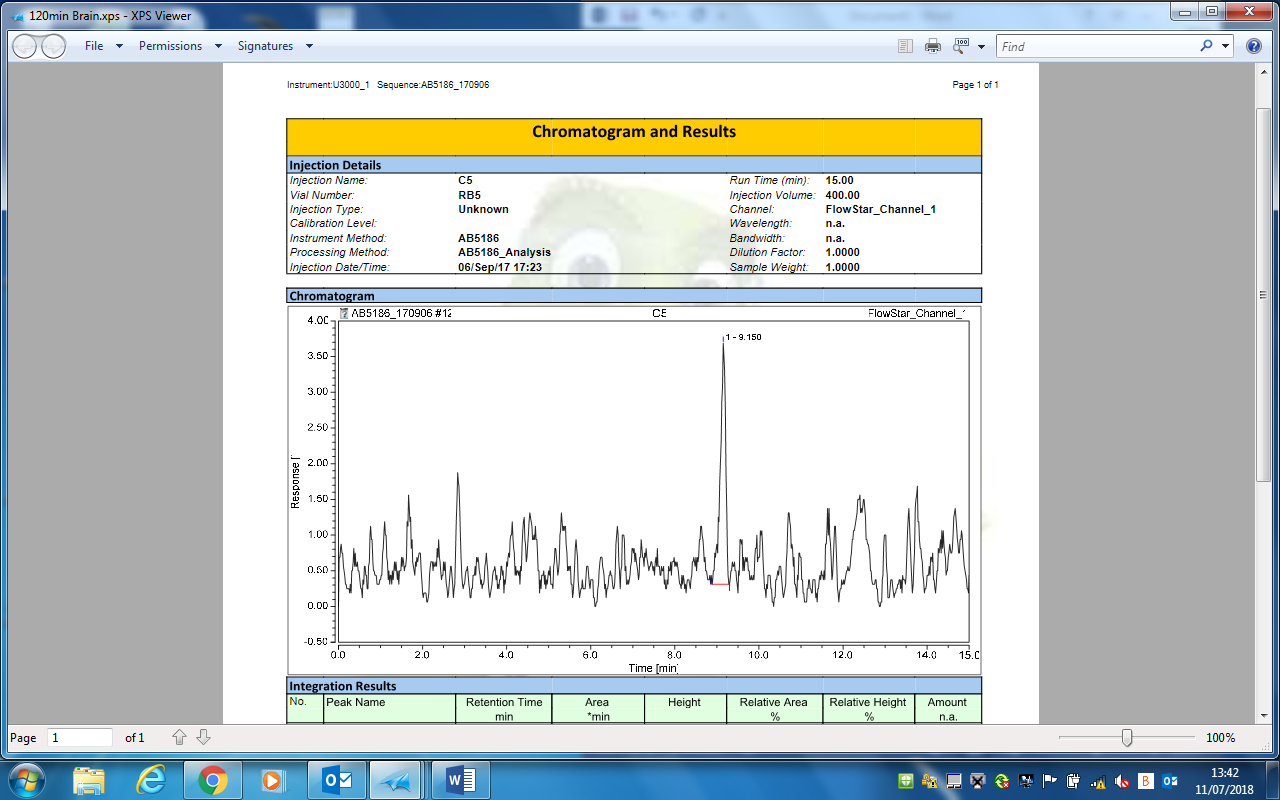
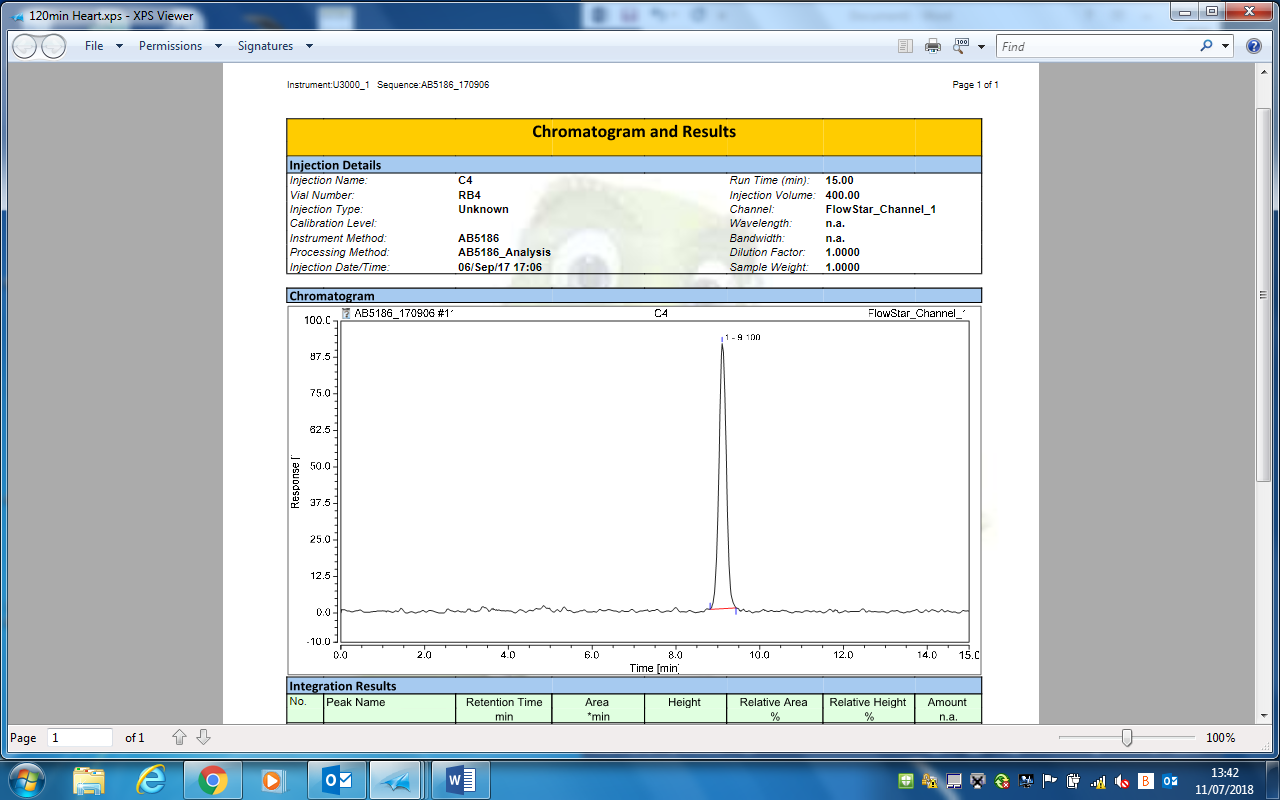
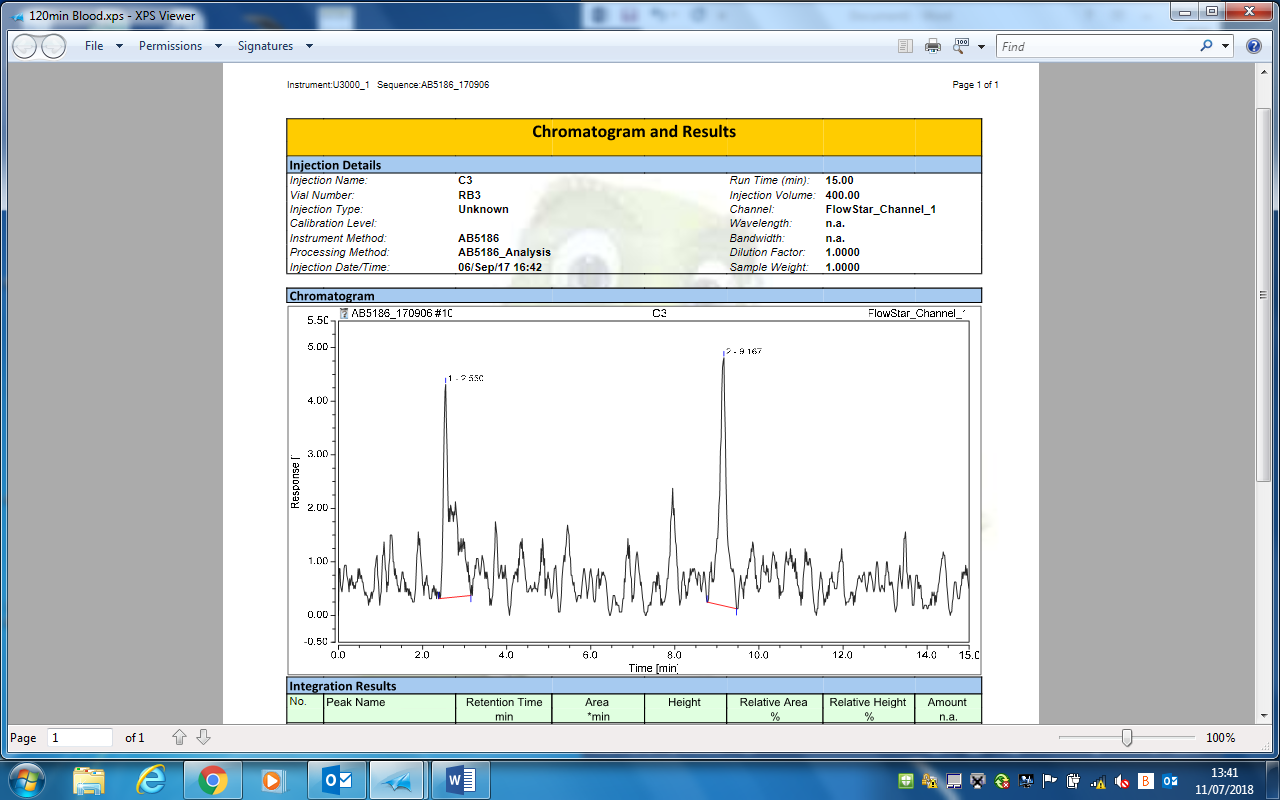
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**A**

**B**

**C**

**S1 Fig. Representative radiochromatograms of 18F-AB5186 parent peak and radiometabolites.** **A)** Parent and radiometabolites of 18F-AB5186 at 2 hours post-radiotracer injection in the arterial blood. **B)** Parent peak of 18F-AB5186 at 2 hours post-radiotracer injection in the heart and **C)** brain.