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# EFB

2014 9 3 9 30

EFB

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9 4 9 29  
10 1

: Universiti Teknologi Petronas  
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1 EFB

(5-HMF

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EFB

EFB

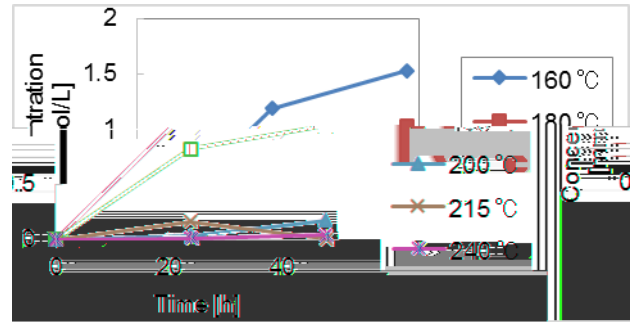
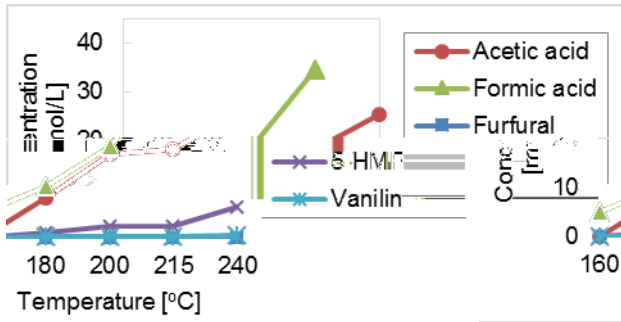
0 h 24 h 48 h

0 h 3 h 6 h 30 h 54 h

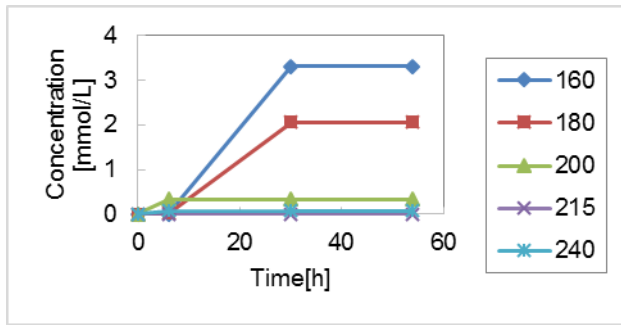
HPLC GC

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Figs. 1 – 3



5-HMF

5-HMF

160 °C