Elecronic Supplementary Information for:

A benzo[1,2-b:4,5-b']dithiophene core π -system that bears alkyl, alkylthio and alkoxy groups at 3,7-positions

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Contents

¹H and ¹³C NMR Spectra

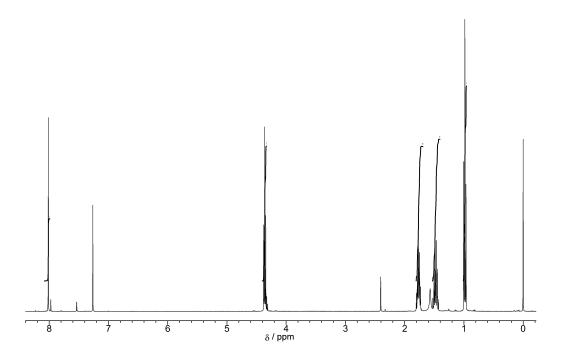
S2-S22

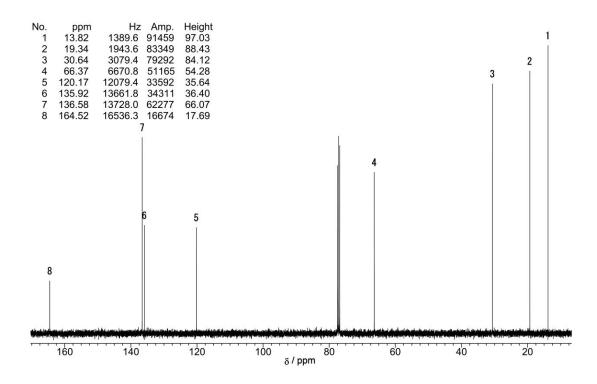
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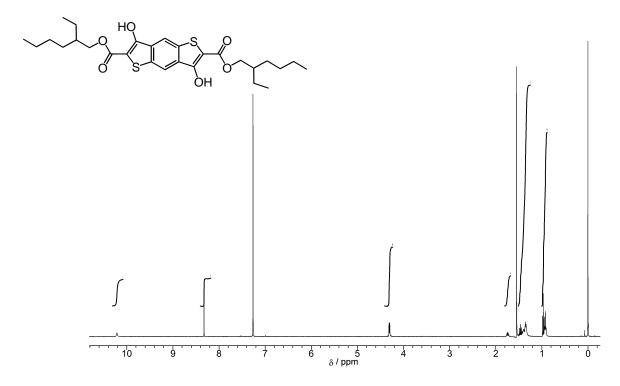
[¹H and ¹³C NMR Spectra of 5]

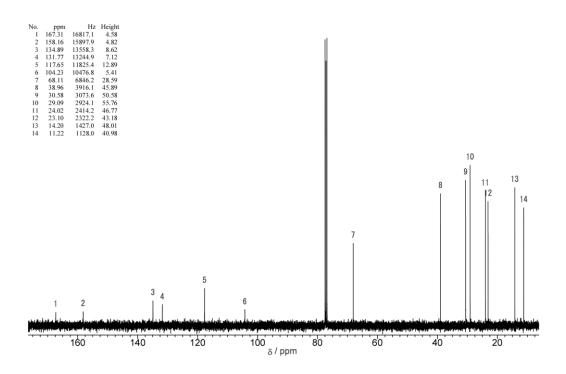
$$\begin{array}{c} \mathsf{BuO_2C} \\ \mathsf{Br} \\ \mathsf{CO_2Bu} \end{array}$$



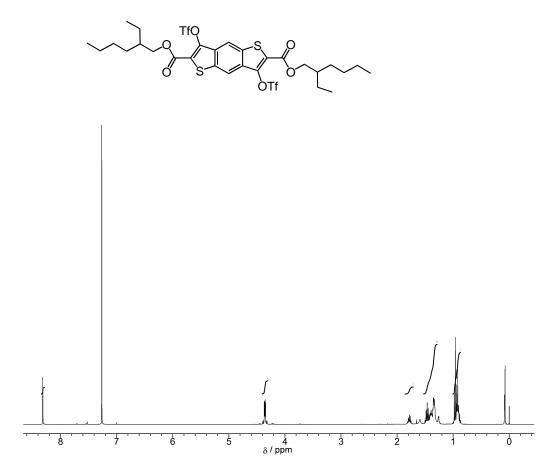


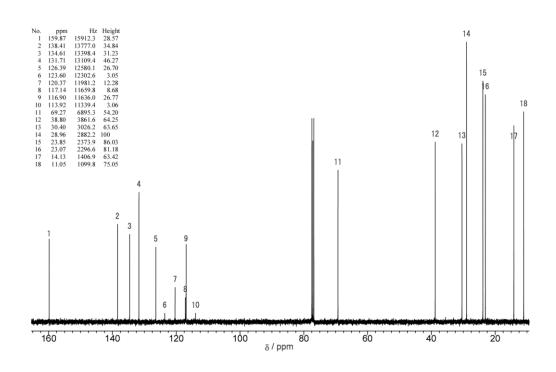
[¹H and ¹³C NMR Spectra of 6]



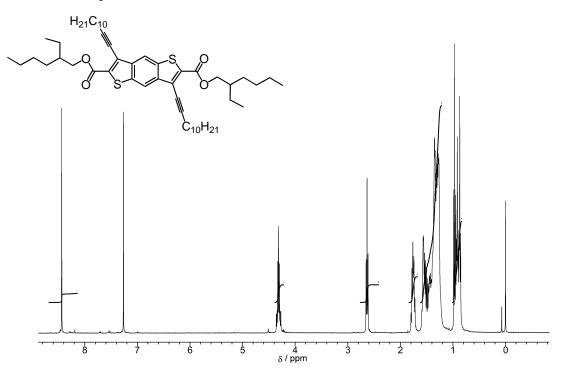


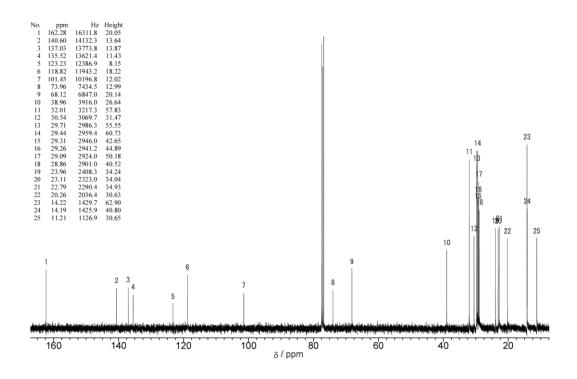
[¹H and ¹³C NMR Spectra of 7]



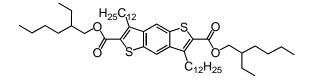


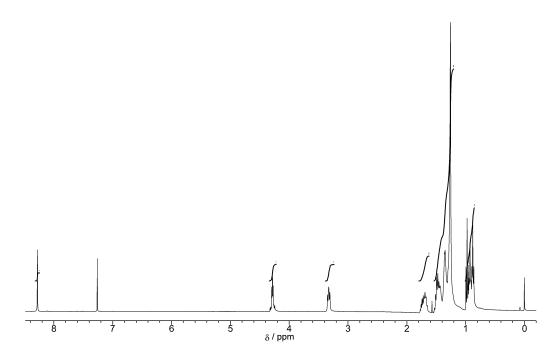
[¹H and ¹³C NMR Spectra of 8]

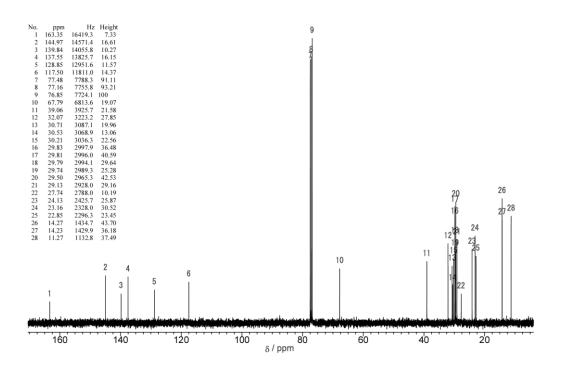




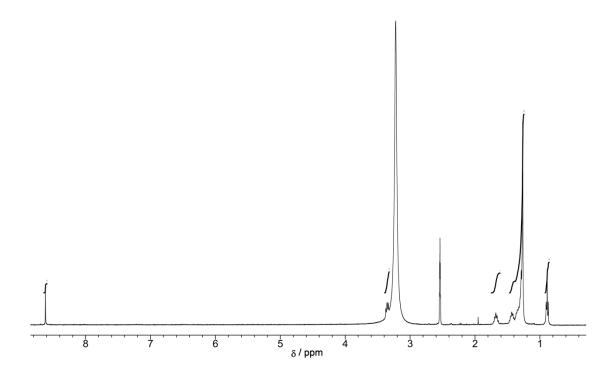
[¹H and ¹³C NMR Spectra of 9]



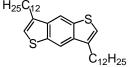


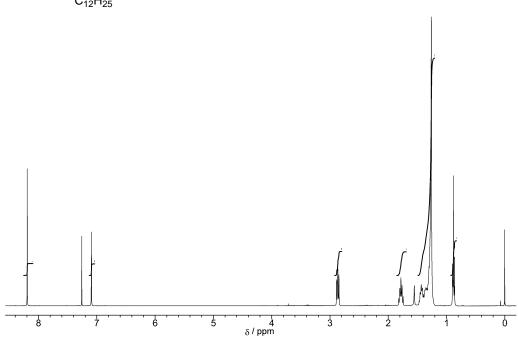


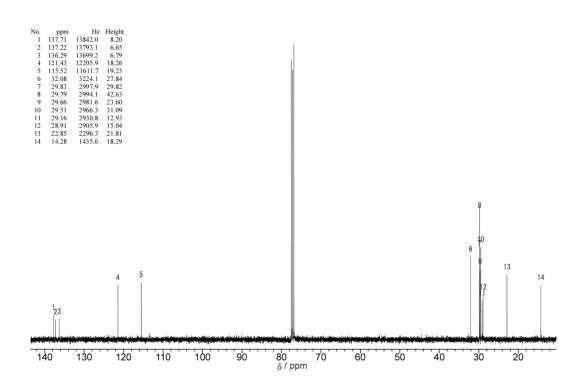
[¹H NMR Spectrum of 10]



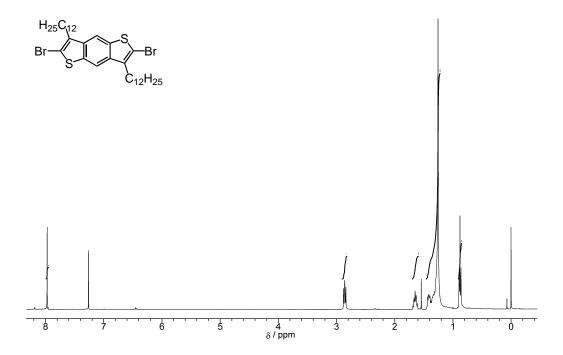
[¹H and ¹³C NMR Spectra of 1a]

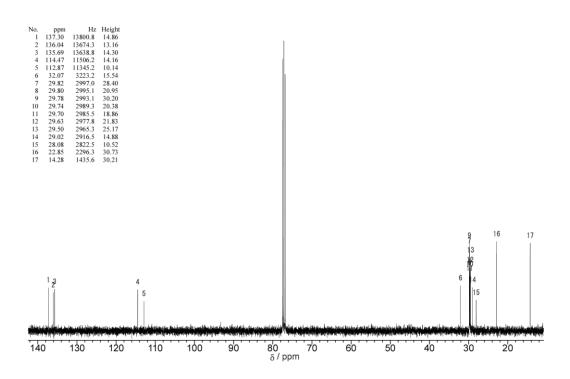




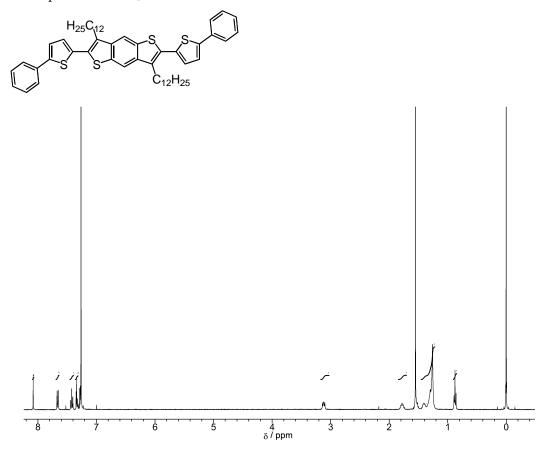


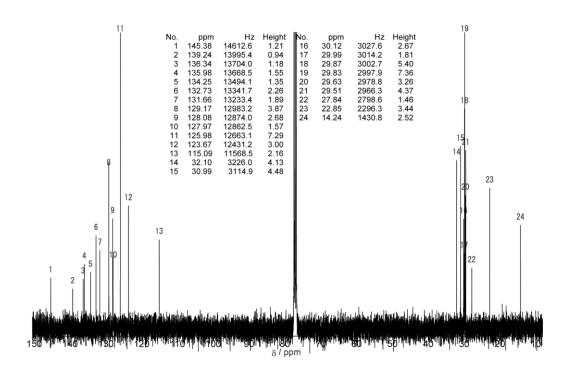
[¹H and ¹³C NMR Spectra of 11]



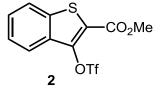


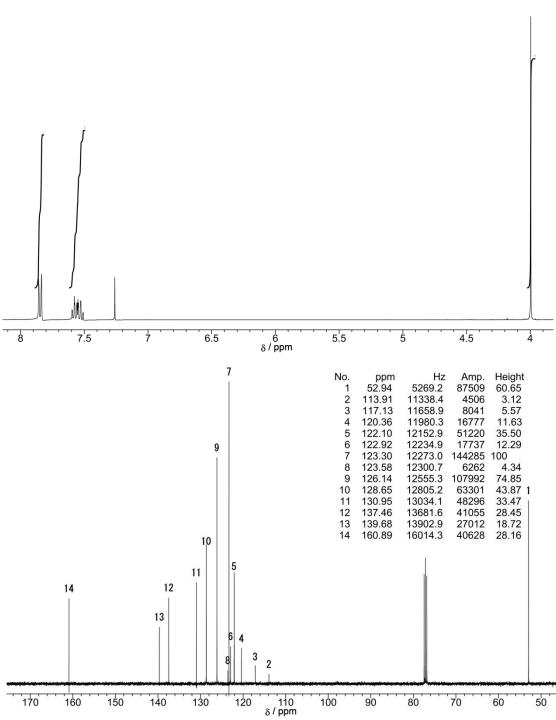
¹H NMR Spectrum of **2a**]

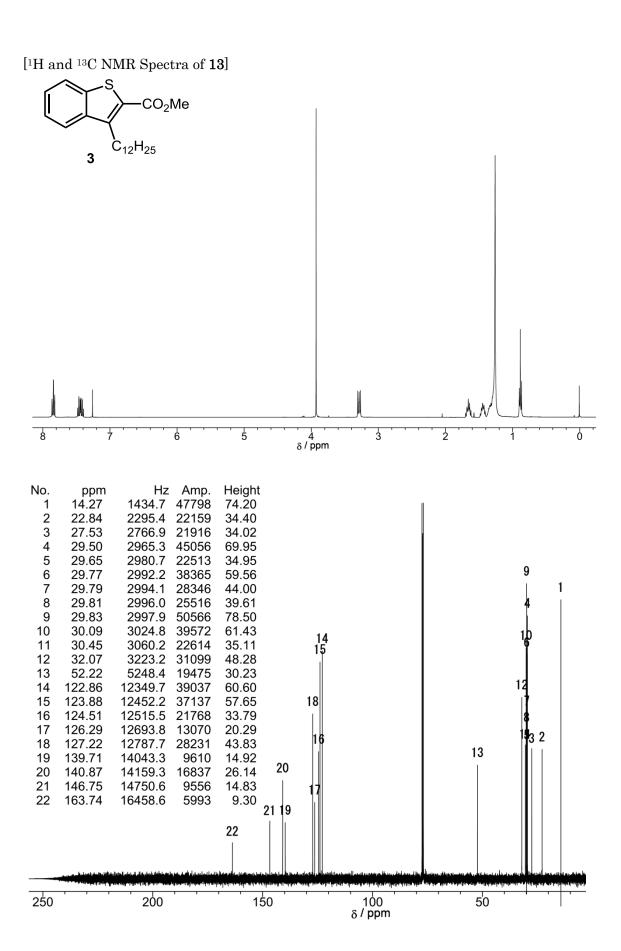




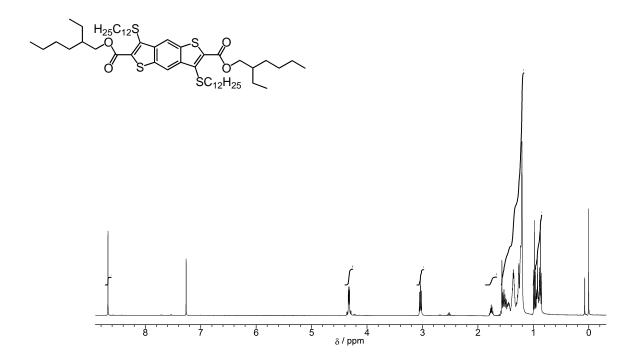
[¹H and ¹³C NMR Spectra of 12]

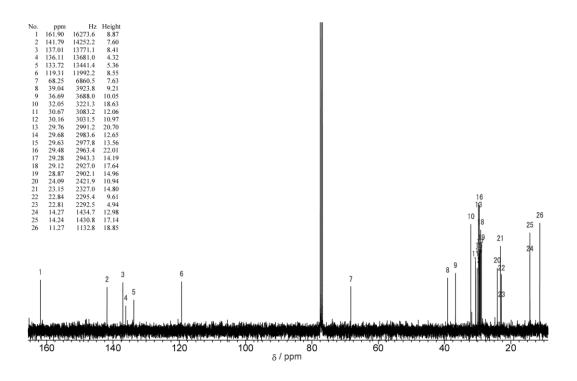




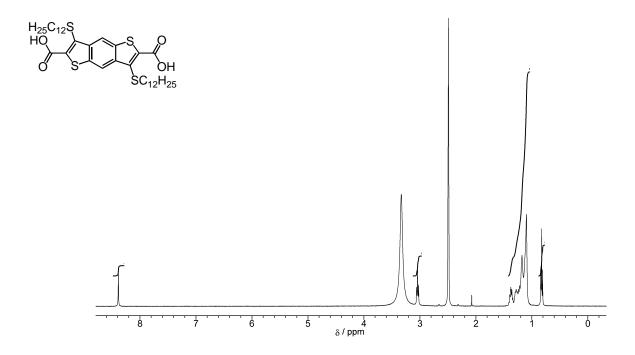


[¹H and ¹³C NMR Spectra of 14]

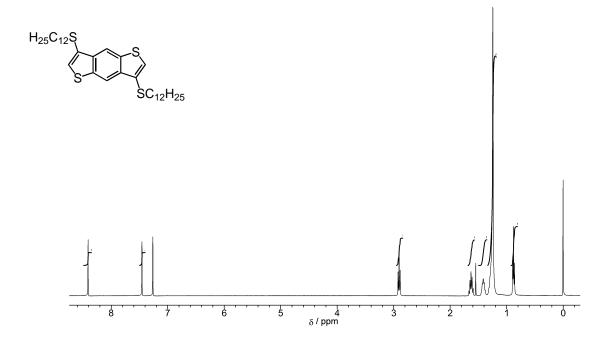


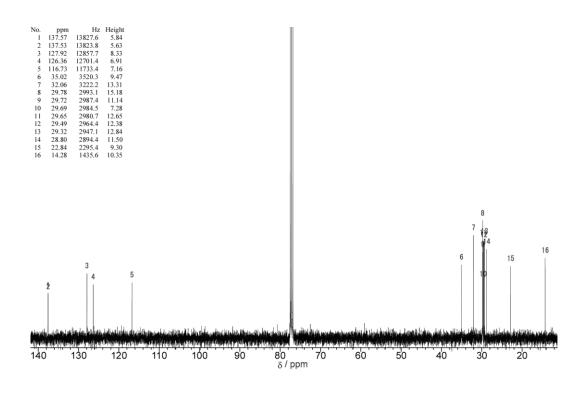


[¹H NMR Spectrum of 16]



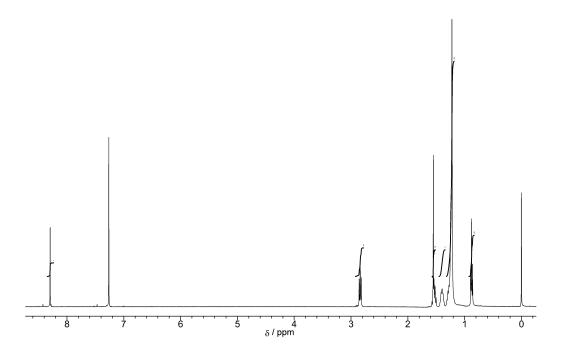
[¹H and ¹³C NMR Spectra of 1b]

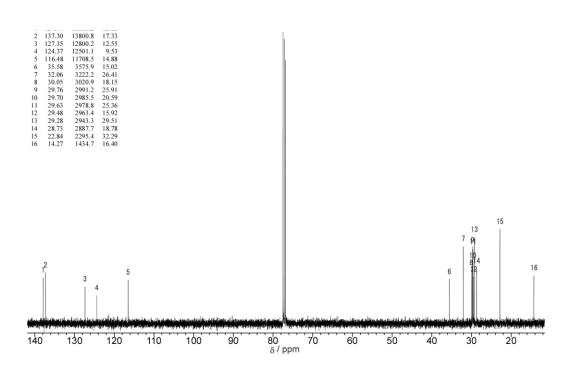




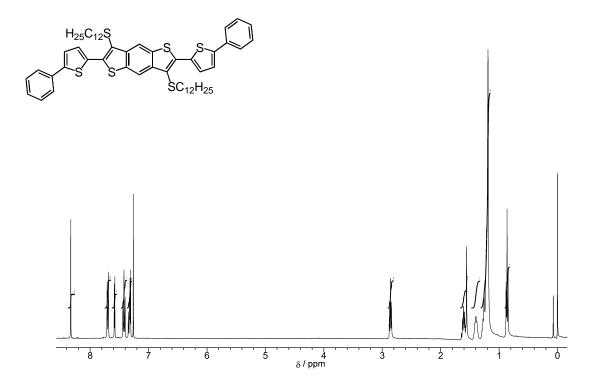
[¹H and ¹³C NMR Spectra of 18]

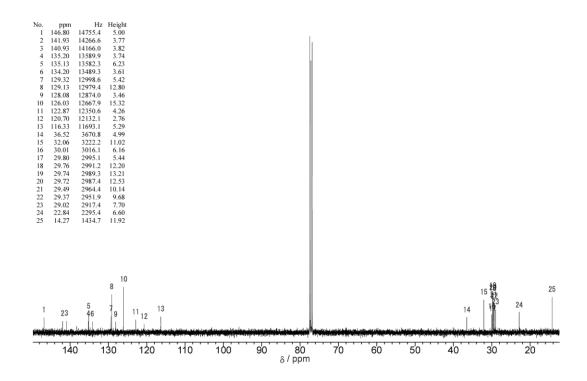
$$\begin{array}{c} \text{H}_{25}\text{C}_{12}\text{S} \\ \text{Br} \\ \text{SC}_{12}\text{H}_{25} \end{array}$$



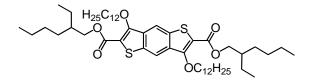


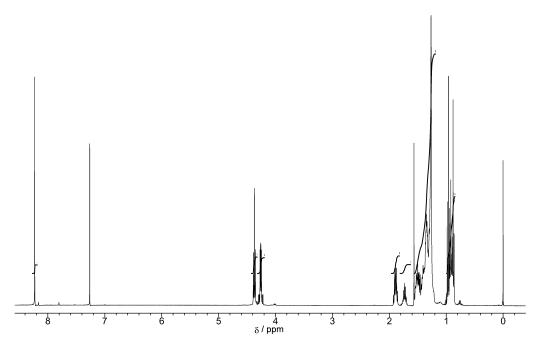
[¹H and ¹³C NMR Spectra of **2b**]

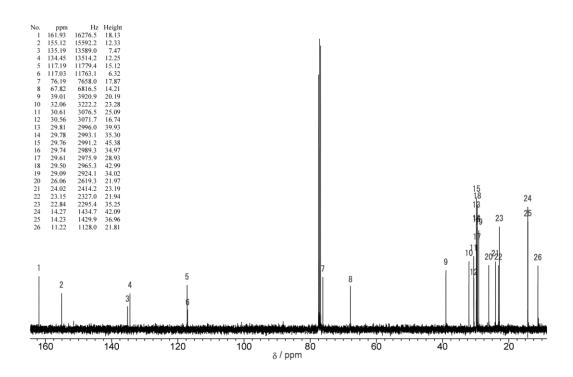




[¹H and ¹³C NMR Spectra of 15]



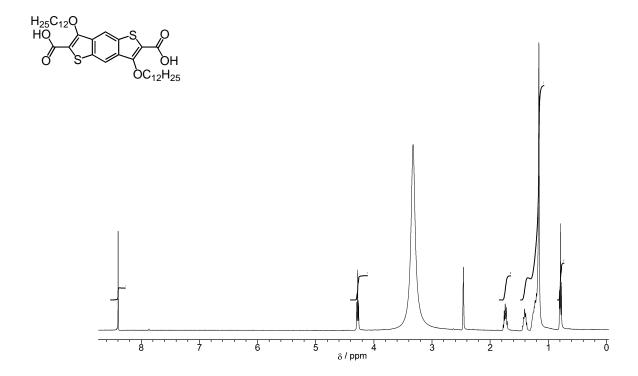




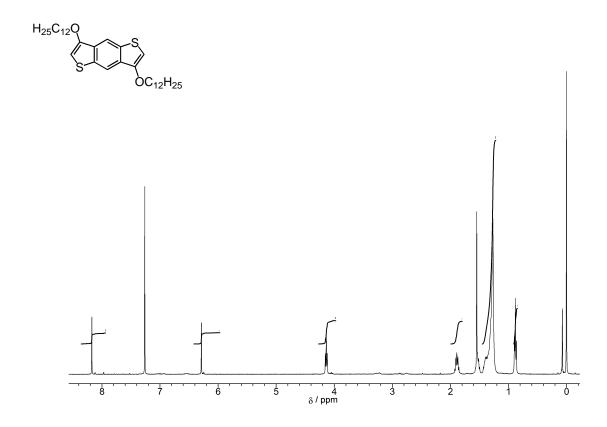
 $^{1}\mathrm{H}$

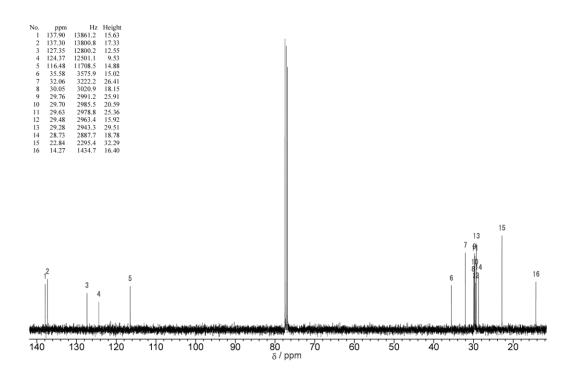
[

NMR Spectrum of **17**]

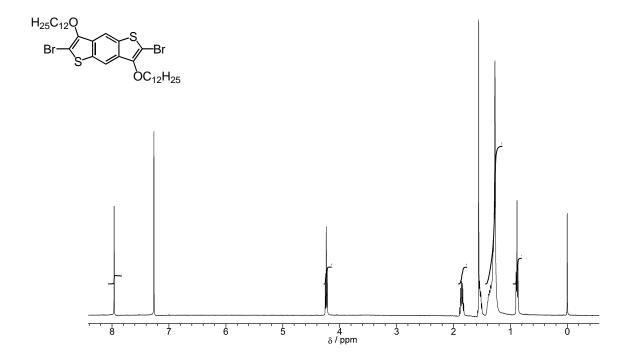


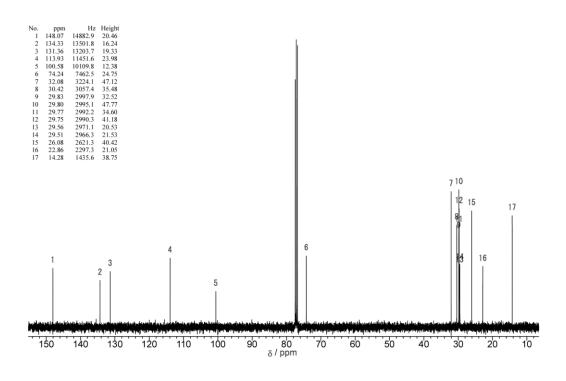
[¹H and ¹³C NMR Spectra of 1c]





[¹H and ¹³C NMR Spectra of 19]





[1 H NMR Spectrum of 2c]

