Supporting Information

Convenient methods for preparing π-conjugated linkers as building blocks for modular chemistry

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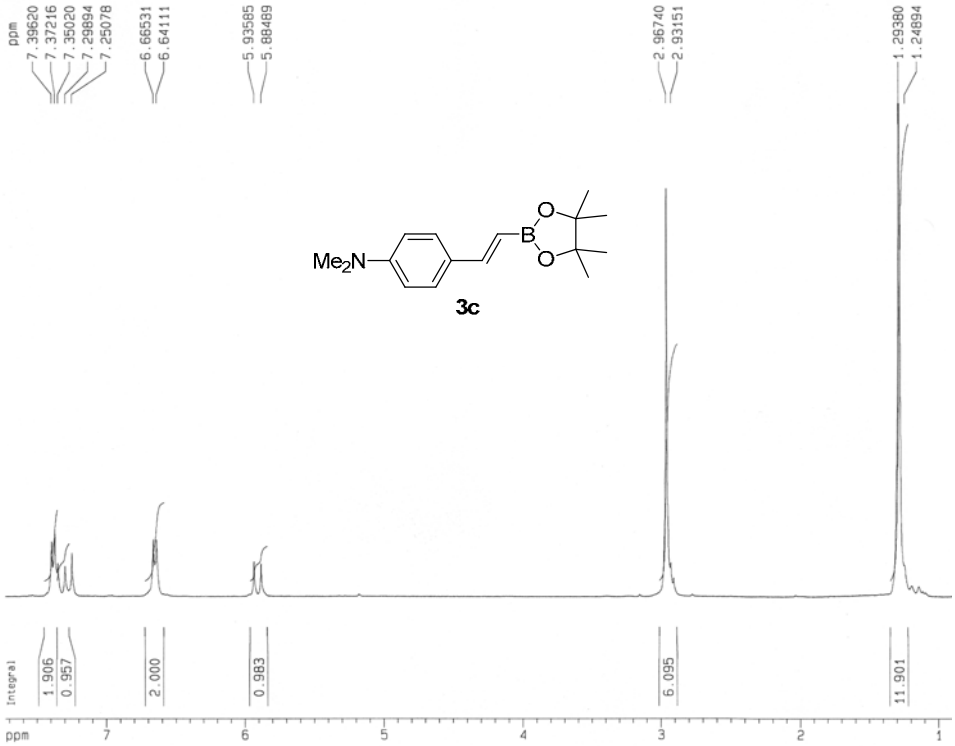
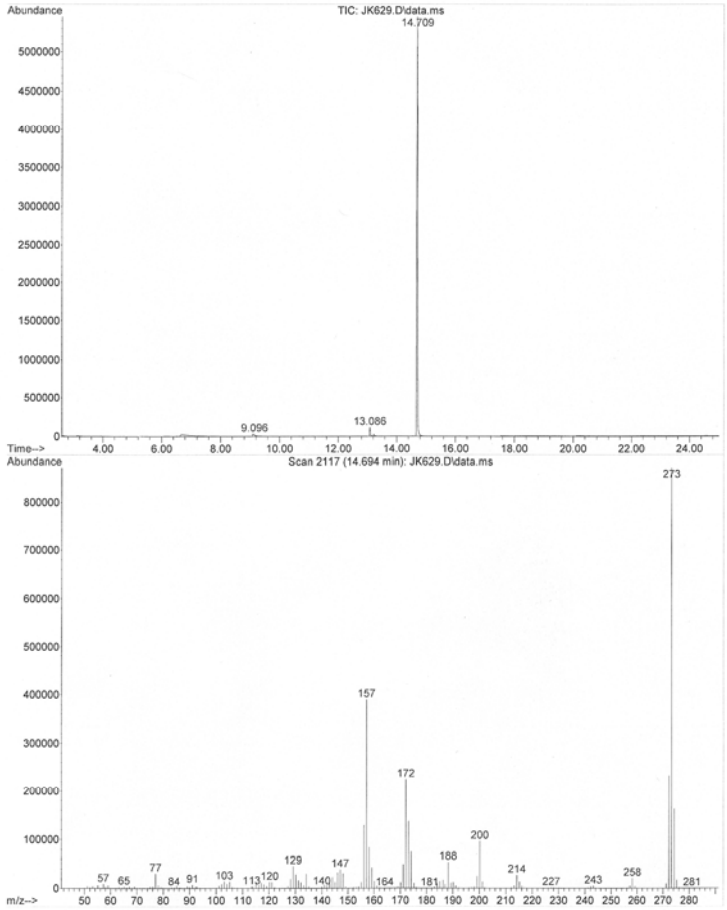
Table of Contents Page

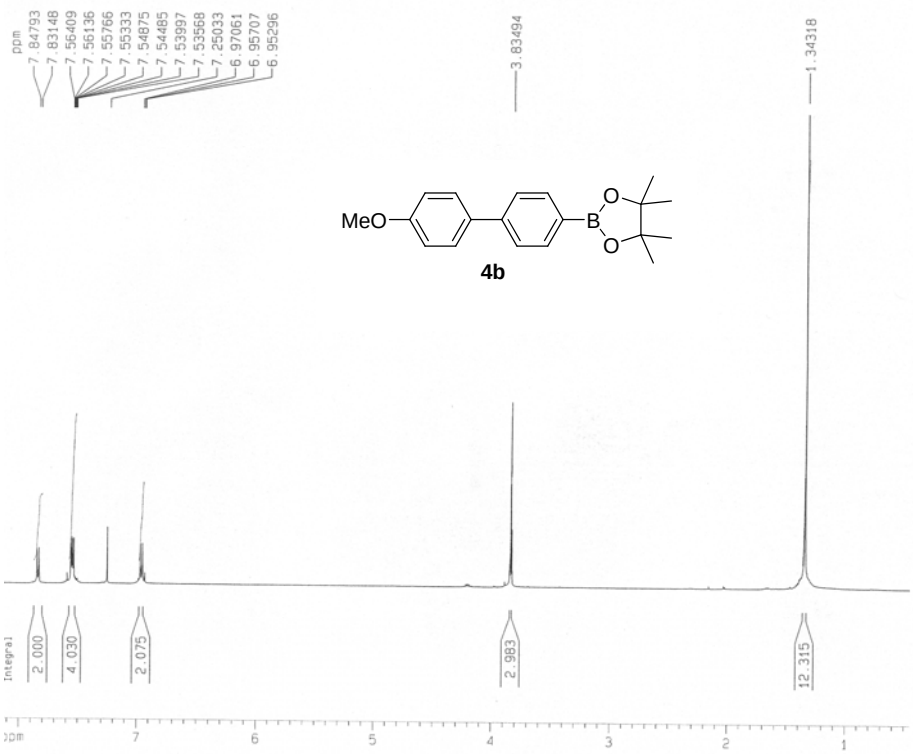
1. ^{1}H NMR spectrum and GC/MS record for **3c** S2
2. ^{1}H NMR spectrum and GC/MS record for **4b** S3
3. ^{1}H NMR spectrum and GC/MS record for **4c** S4
4. ^{1}H NMR spectrum and GC/MS record for **5b** S5
5. ^{1}H NMR spectrum and GC/MS record for **5c** S6
6. ^{1}H NMR spectrum and GC/MS record for **6a** S7
7. ^{1}H NMR spectrum and GC/MS record for **6b** S8
8. ^{1}H NMR spectrum and GC/MS record for **6c** S9
9. ^{1}H NMR spectrum and GC/MS record for **7c** S10
10. ^{1}H NMR spectrum and GC/MS record for **8c** S11
11. ^{1}H NMR spectrum and GC/MS record for **9c** S12

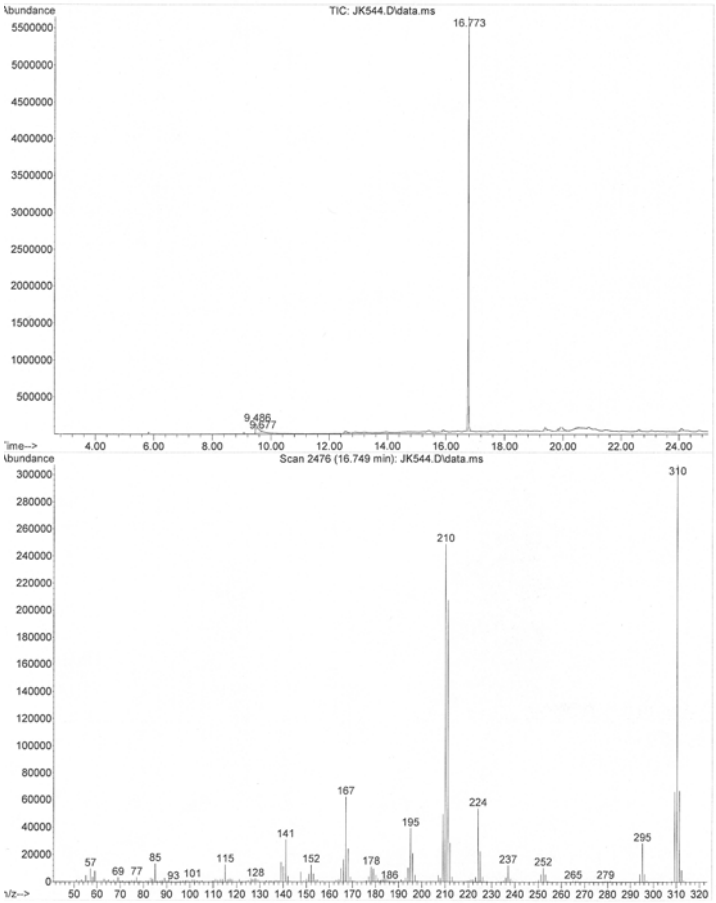
1. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **3c**



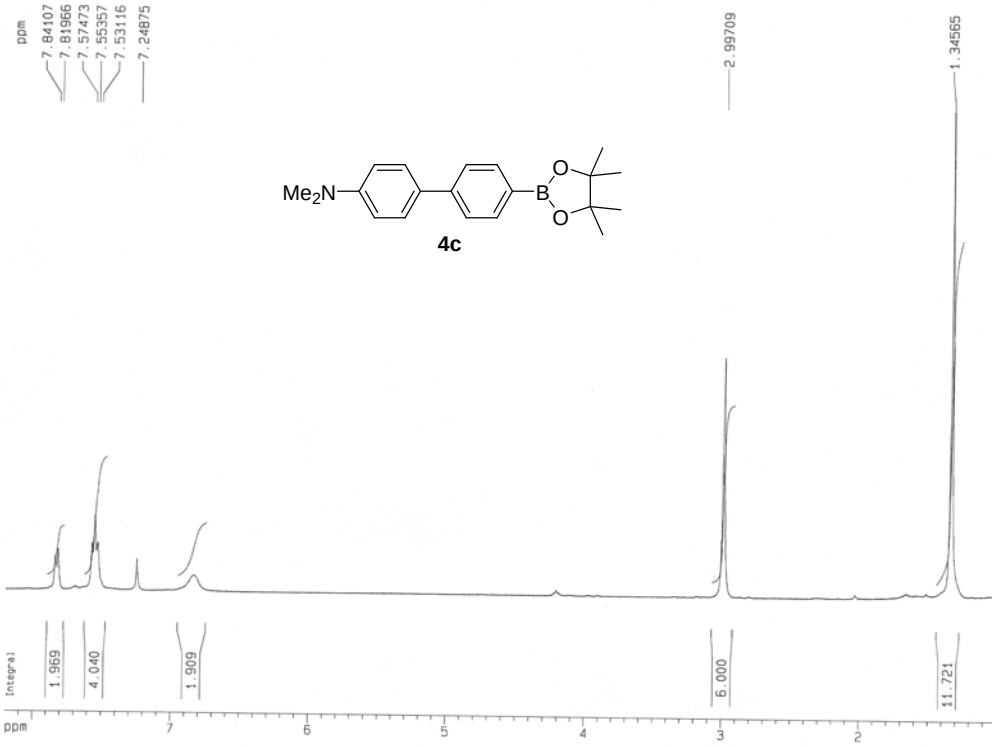


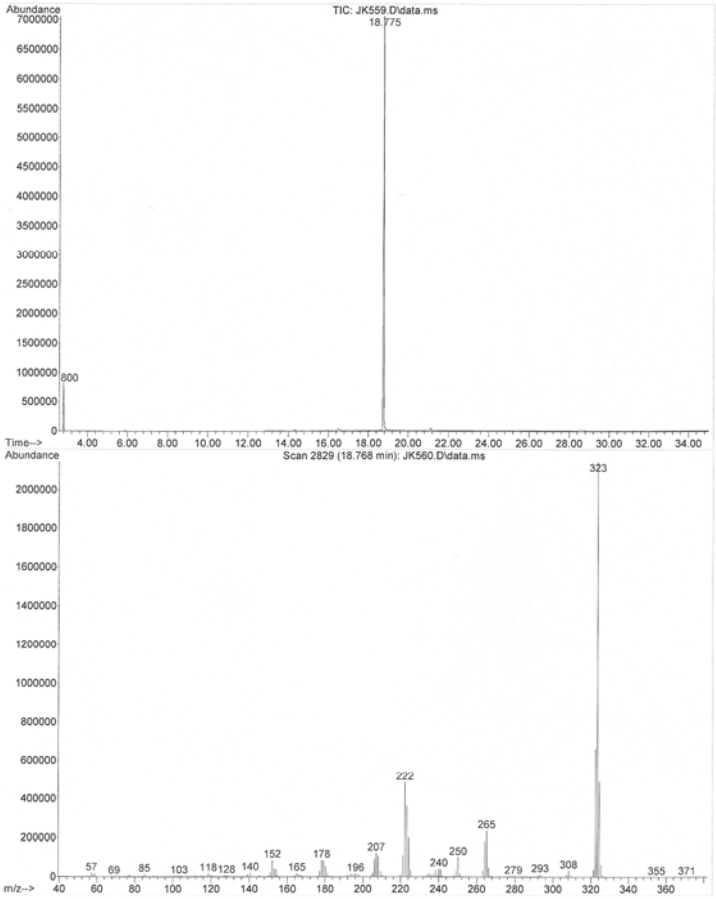
2. ^{1}H NMR spectrum (500 MHz, $CDCl_3$, 25 °C) and GC/MS record for **4b**





3. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **4c**





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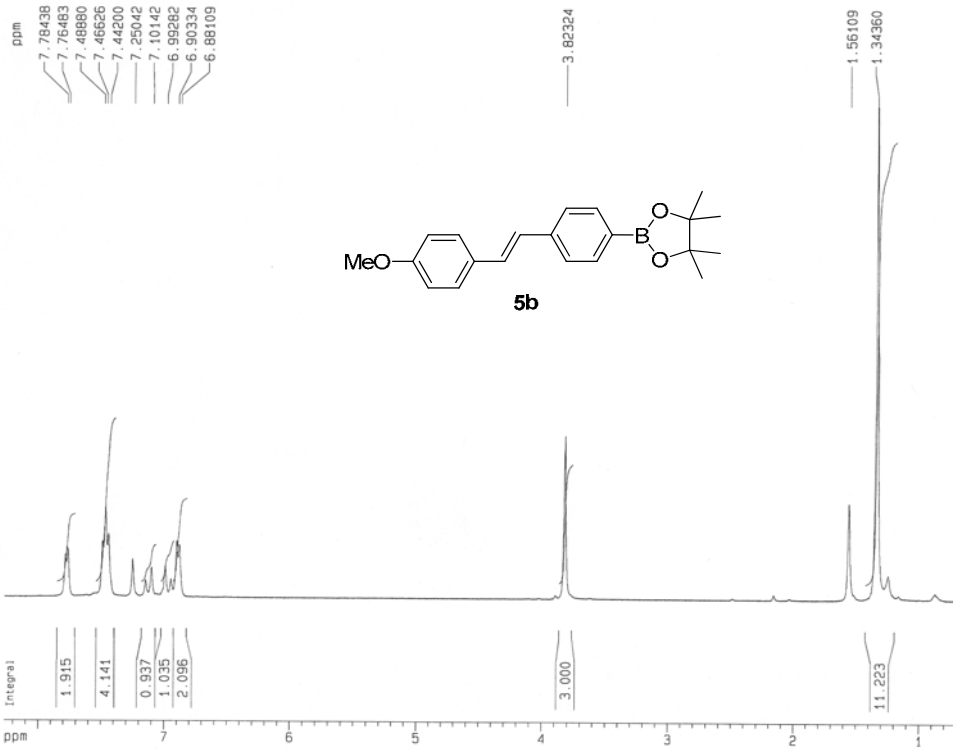
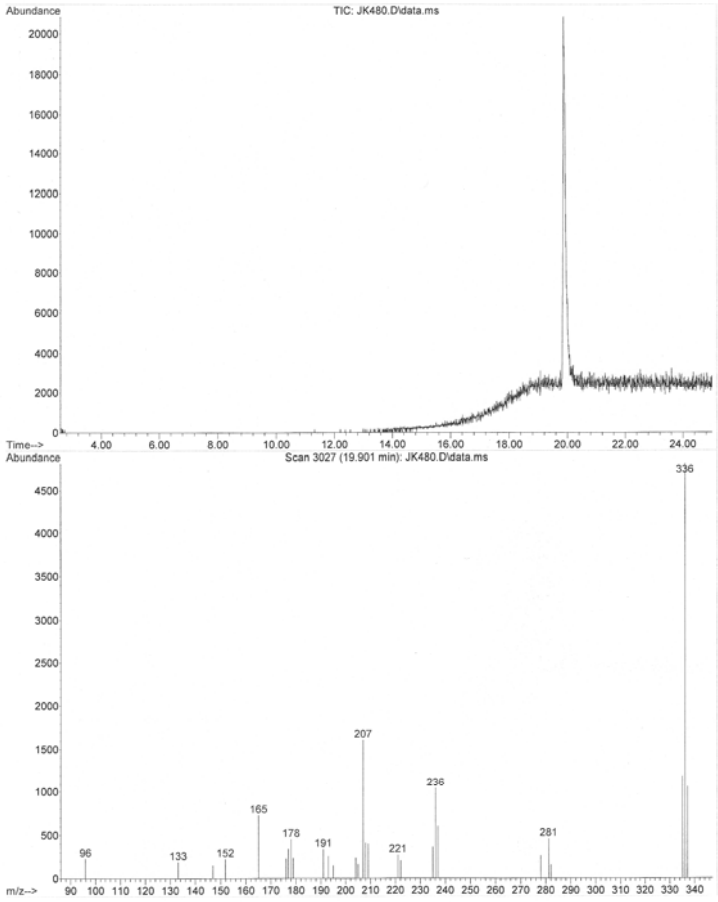
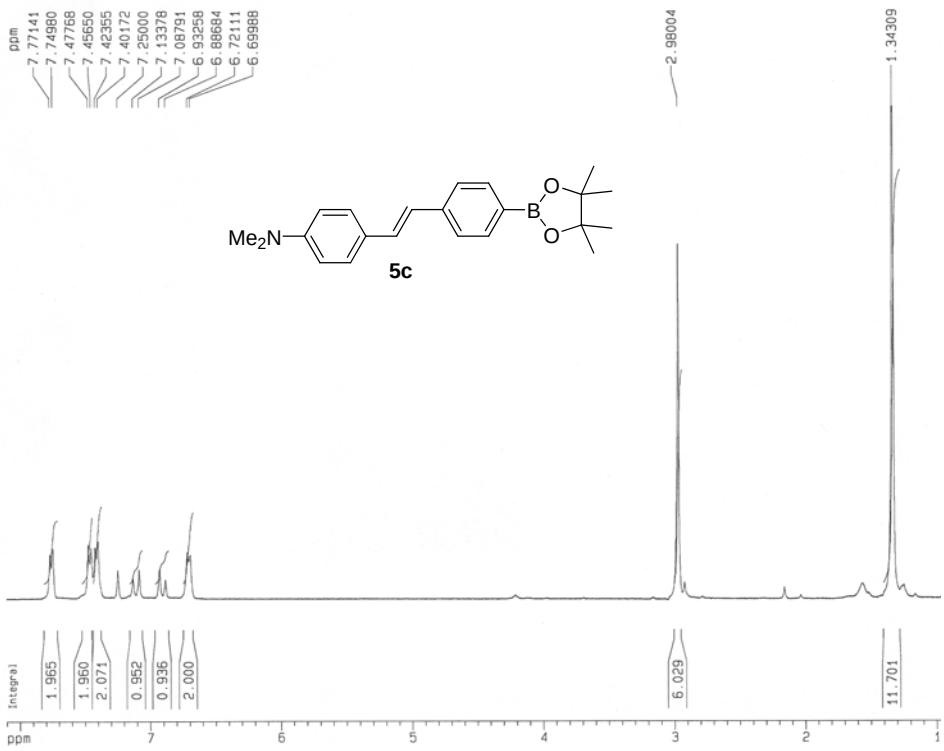
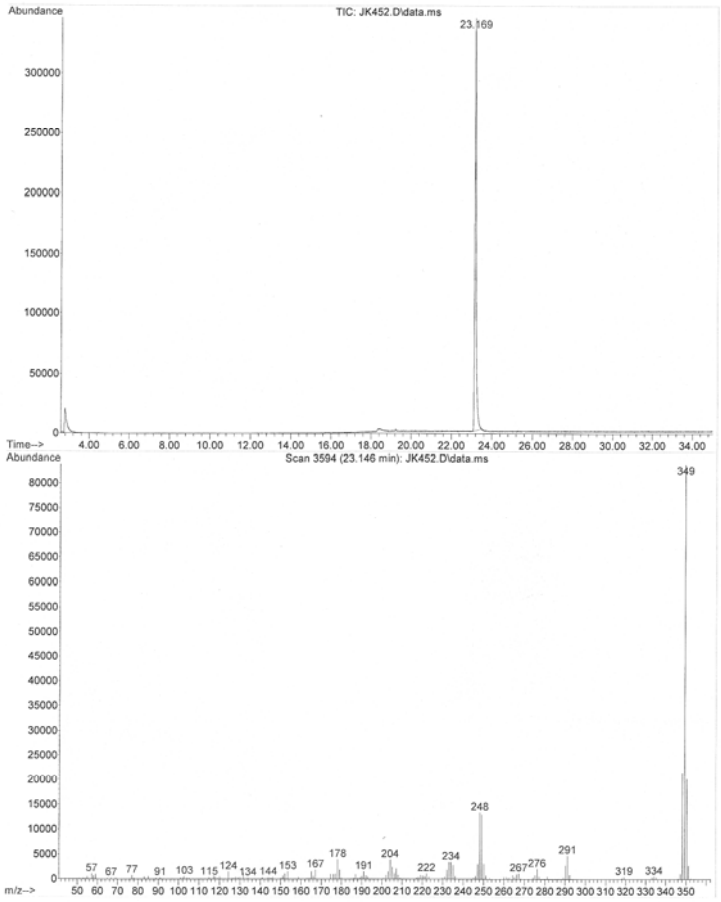




5. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **5c**





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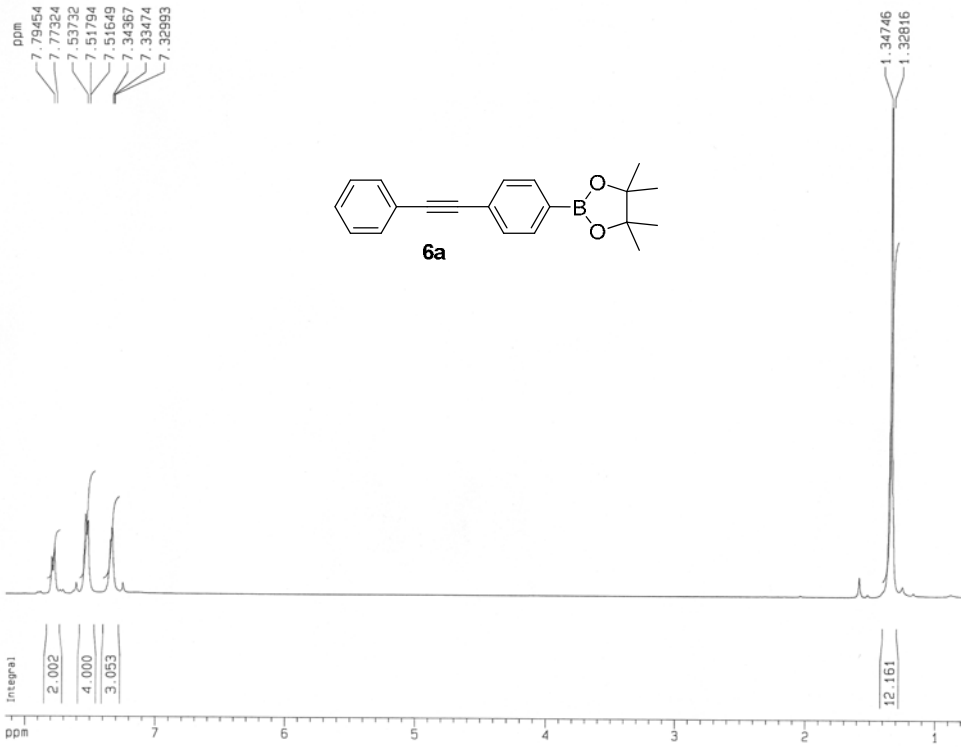
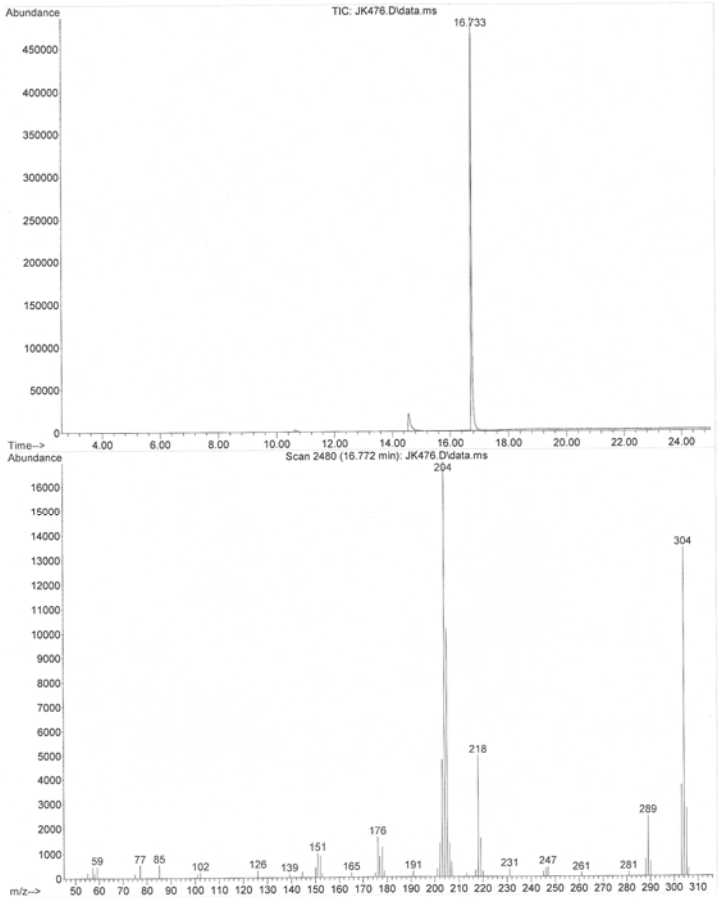
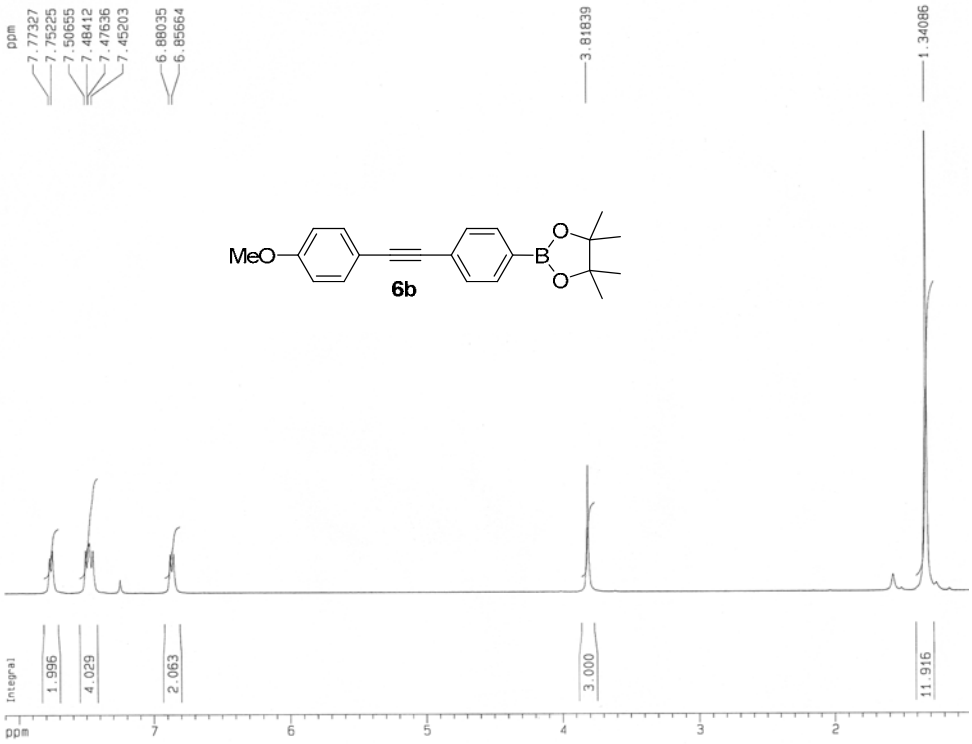
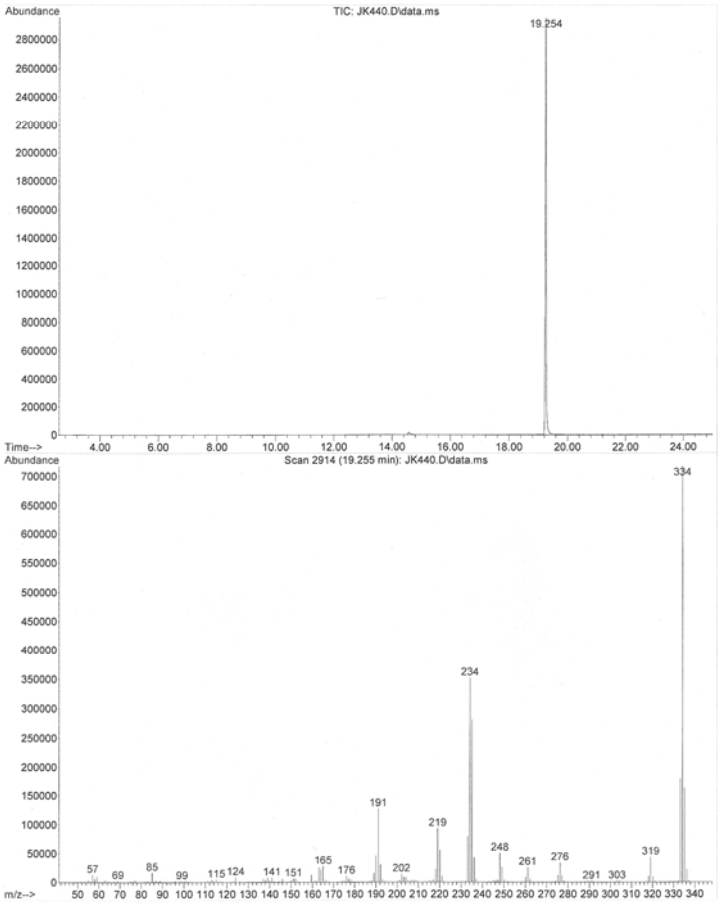


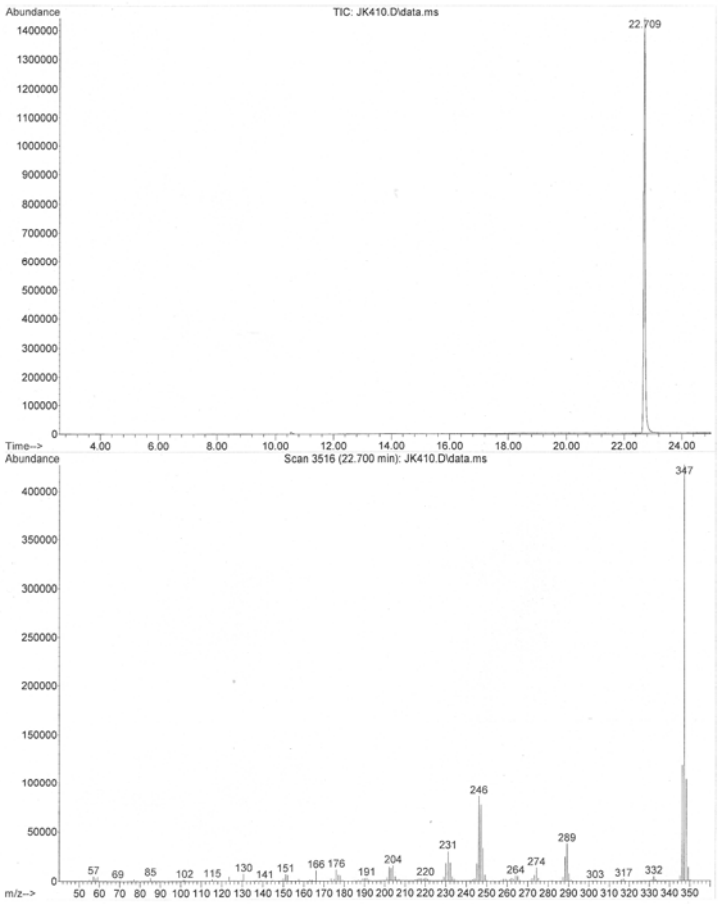


7. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **6b**

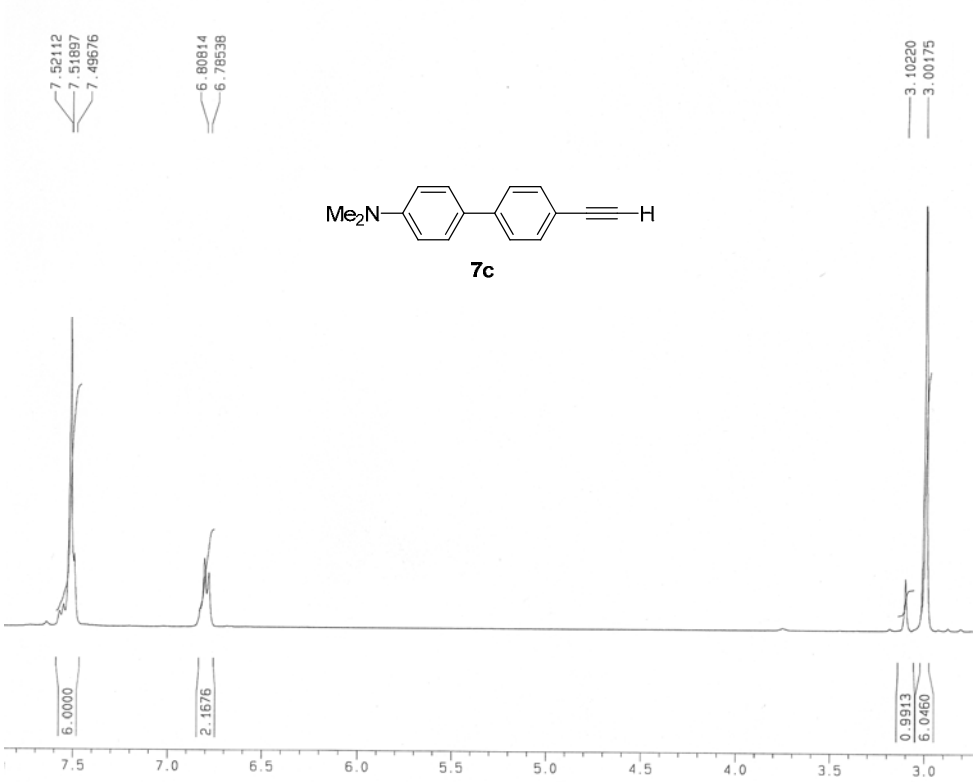


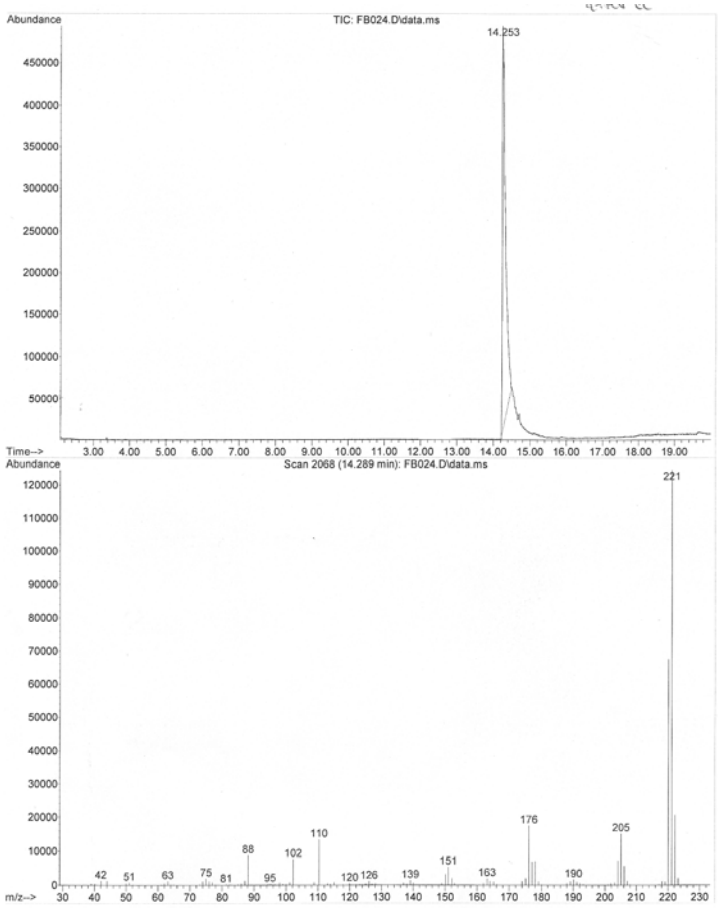


8. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **6c**

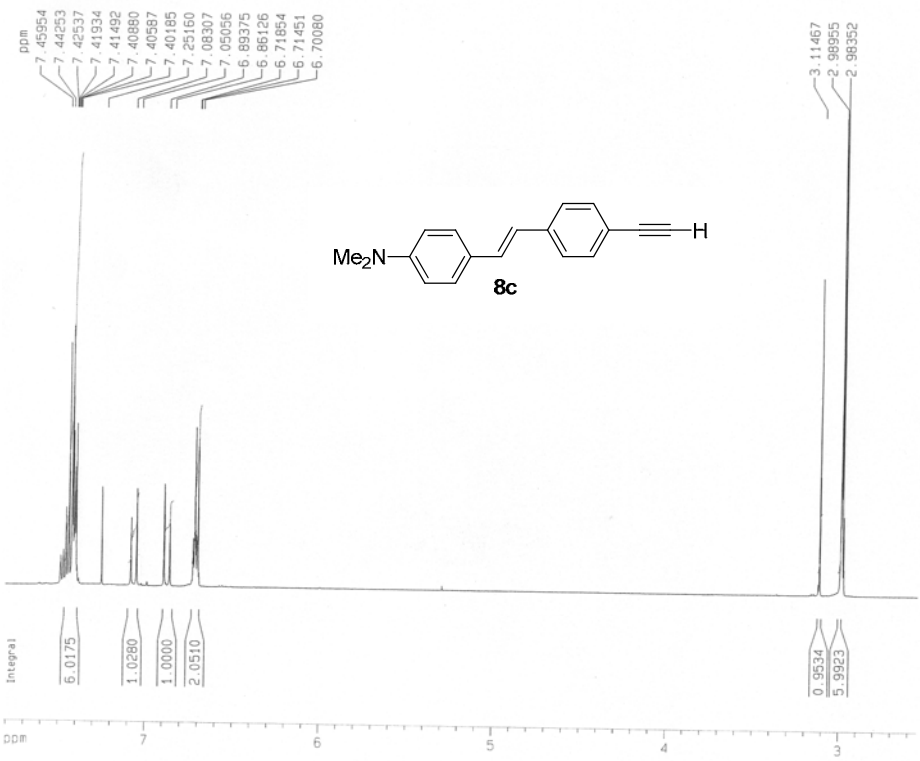


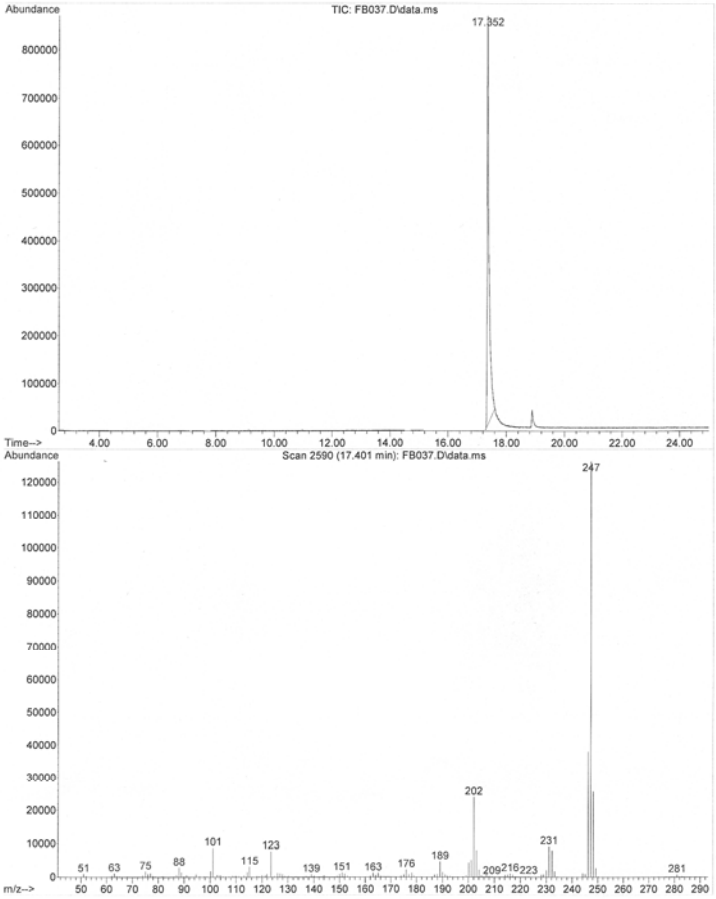
9. ^{1}H NMR spectrum (360 MHz, $CDCl_3$, 25 °C) and GC/MS record for **7c**



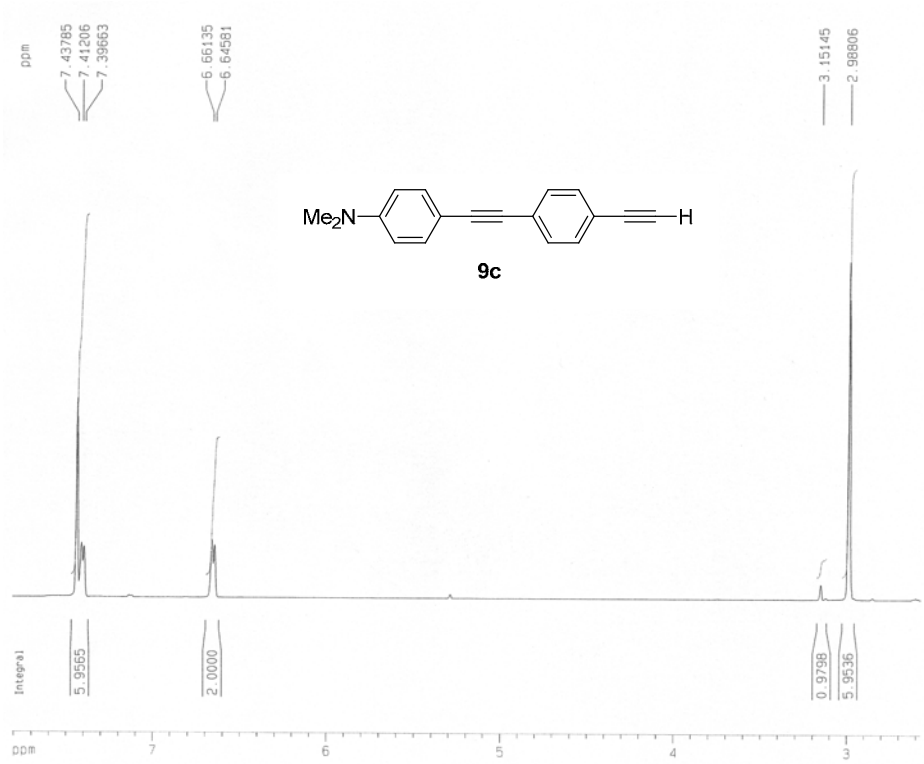


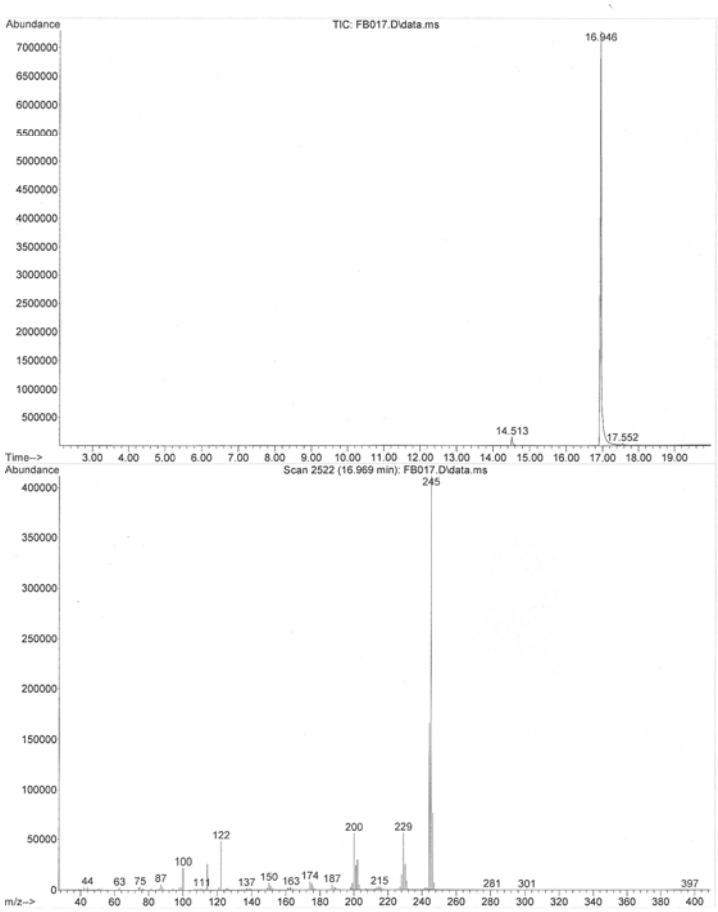
10. ^{1}H NMR spectrum (500 MHz, $CDCl_3$, 25 °C) and GC/MS record for **8c**





11. ^{1}H NMR spectrum (500 MHz, $CDCl_3$, 25 °C) and GC/MS record for **9c**

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