

## Supplementary materials

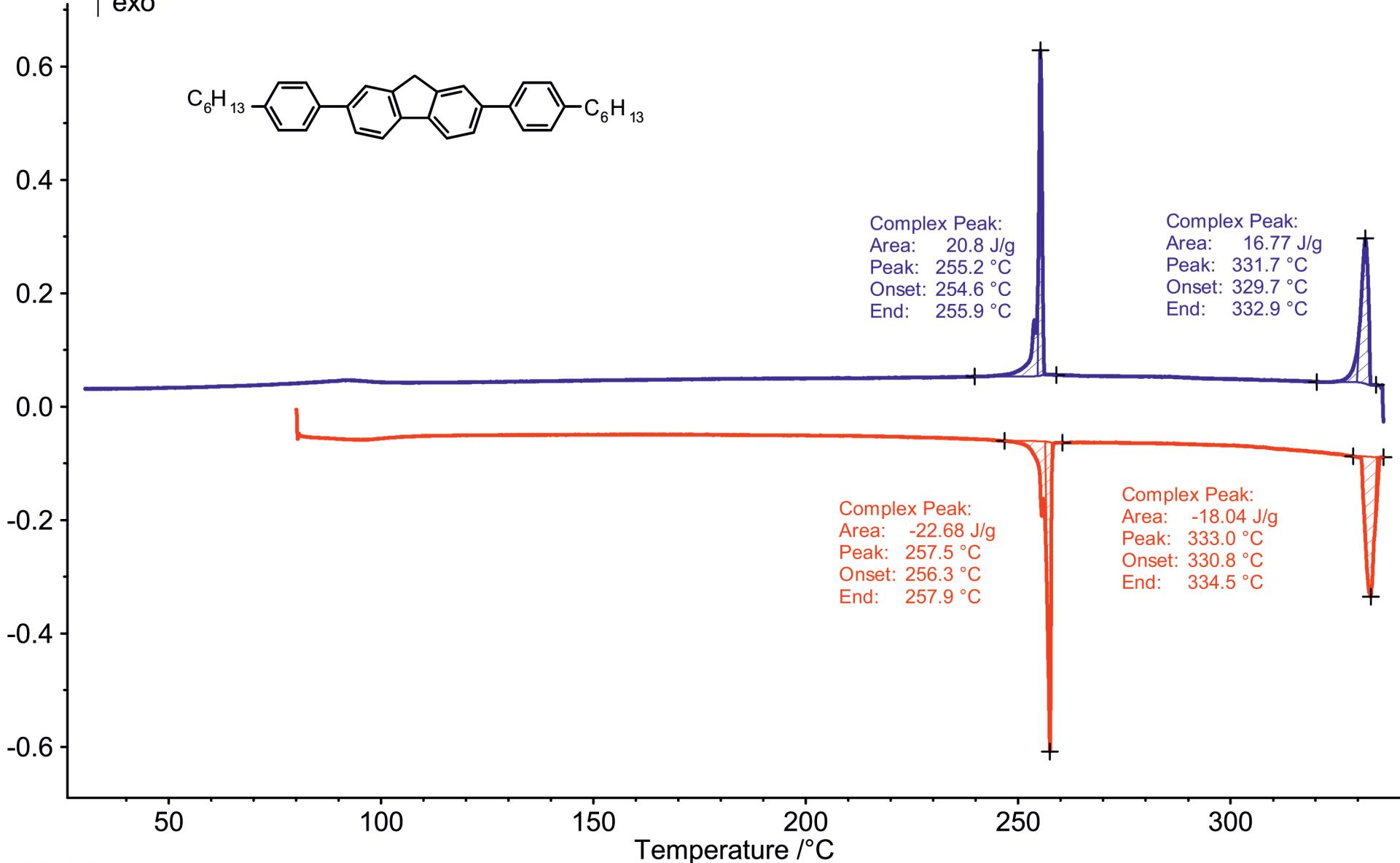
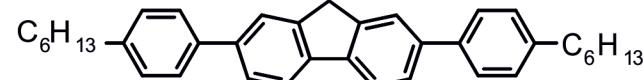
**Synthesis and mesomorphic properties of four ring, rod-like fluorene derivatives - the influence of the lateral substitution on mesomorphic properties of 2,7-bis(4-alkylphenyl)-fluorenes**

by Ewelina Dmochowska, Aneta Bombalska and Przemysław Kula

Following pages show DSC thermograms, ATR IR spectras and Mass Spectrograms (EI ionization with 70eV ionization energy)

DSC /(mW/mg)

↑ exo



DSC /(mW/mg)

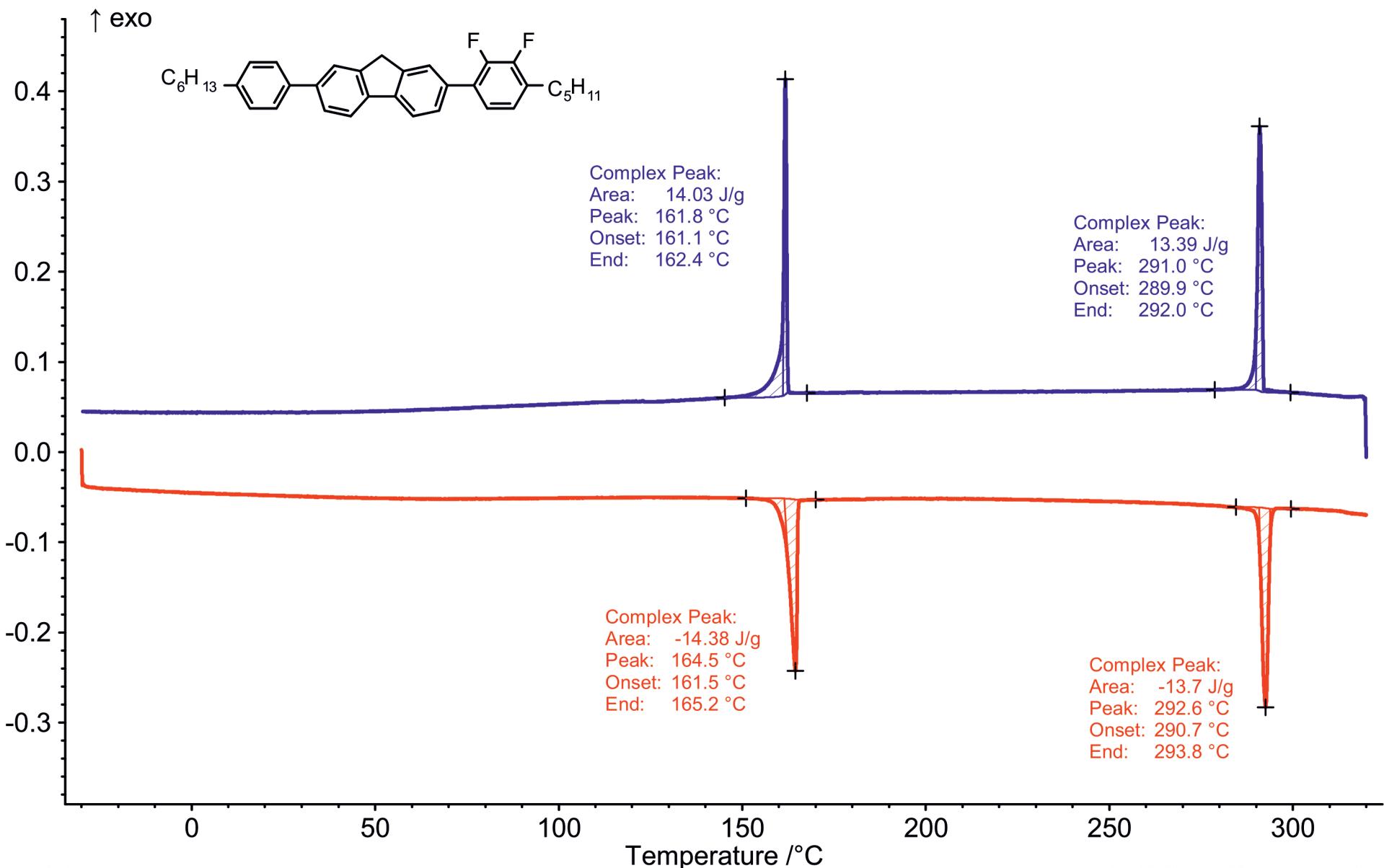
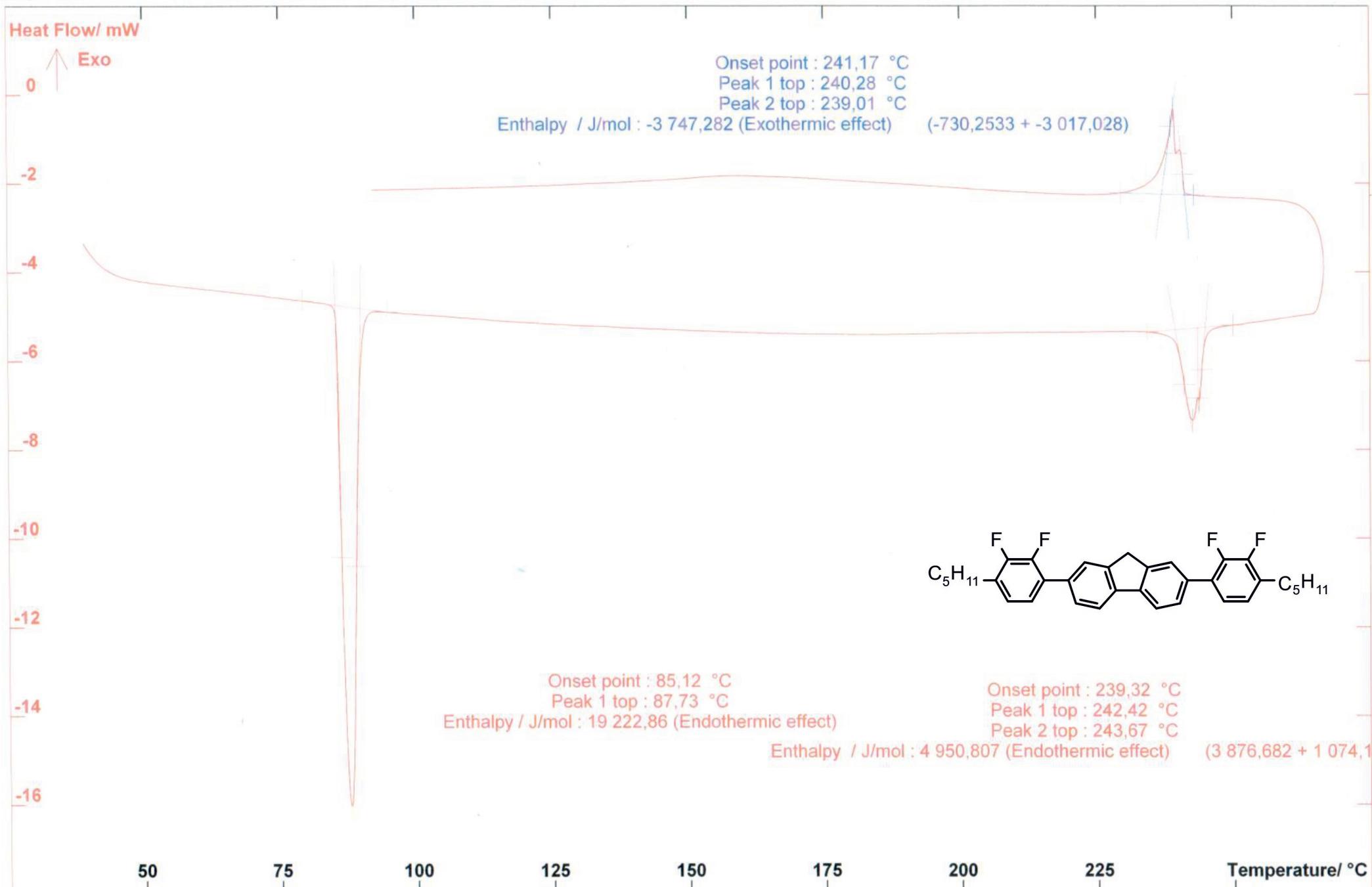
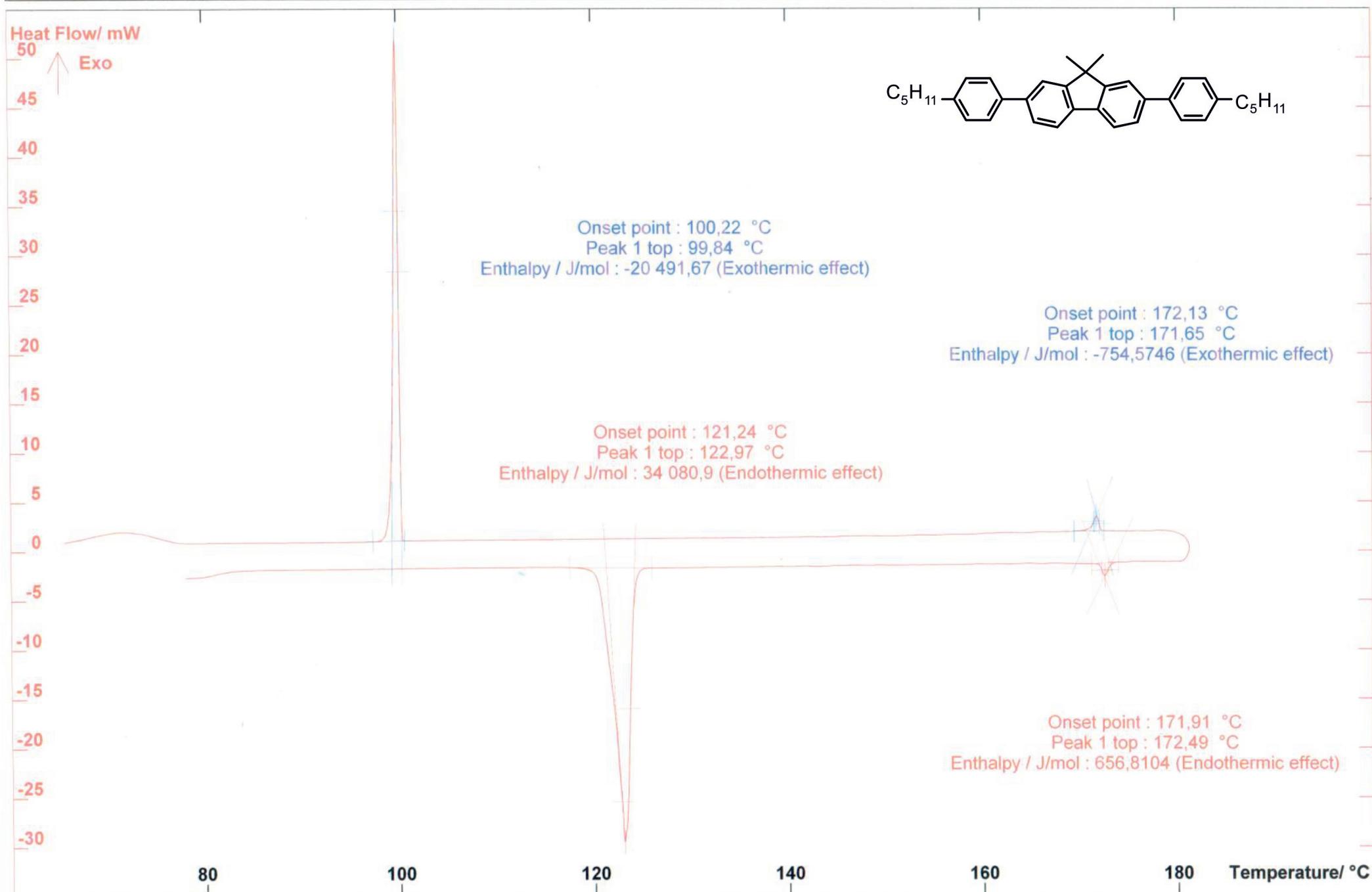
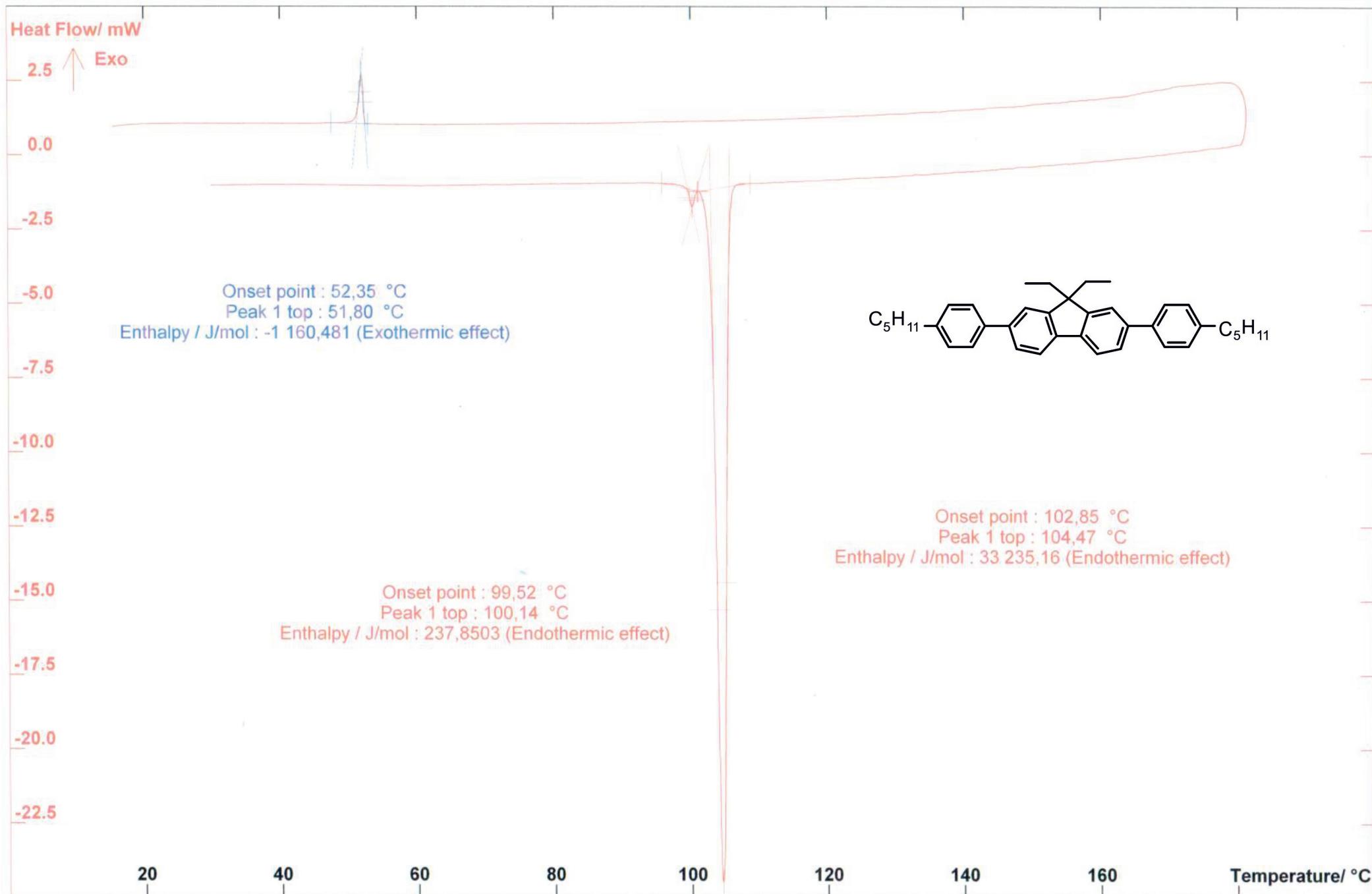


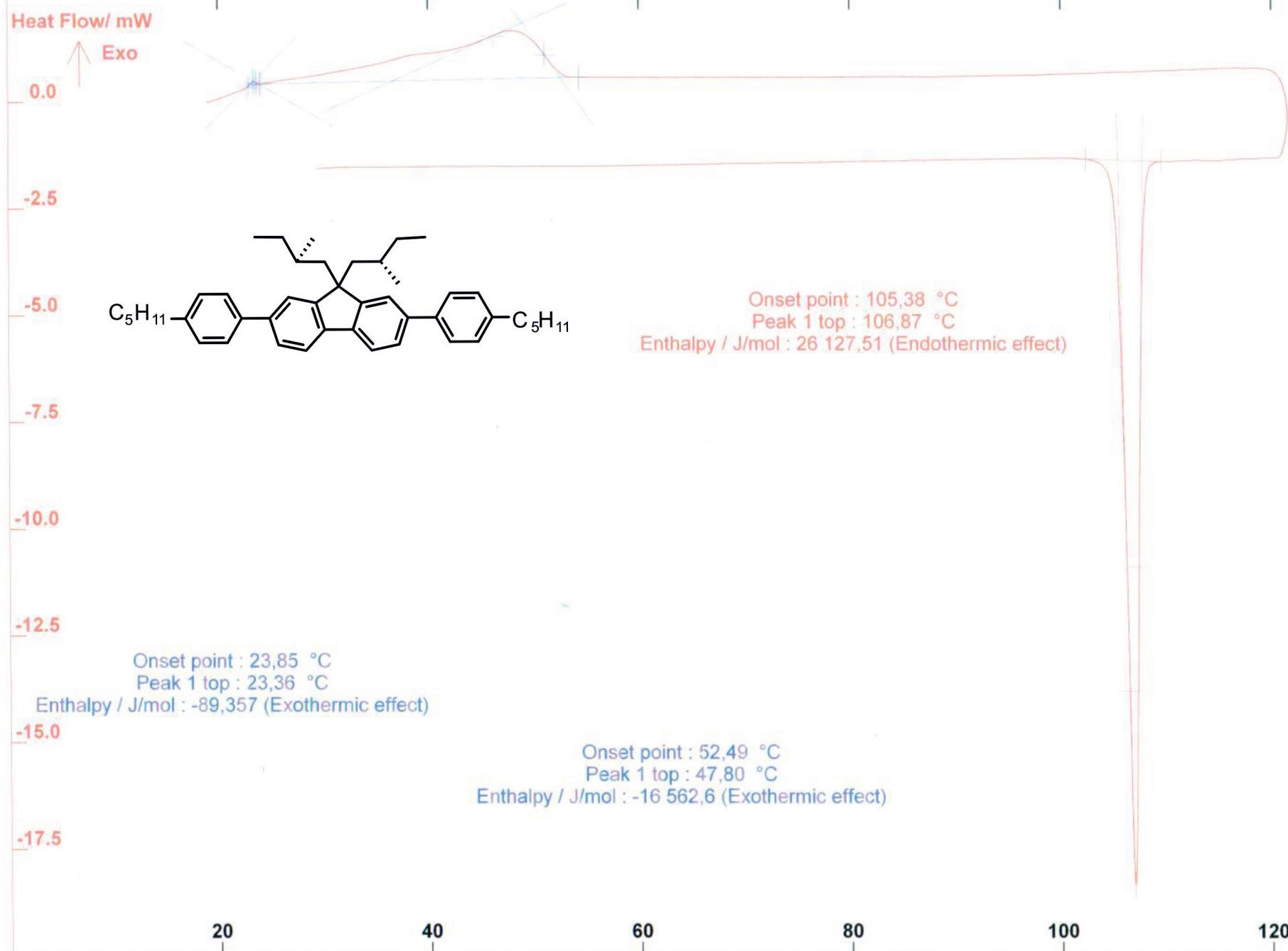


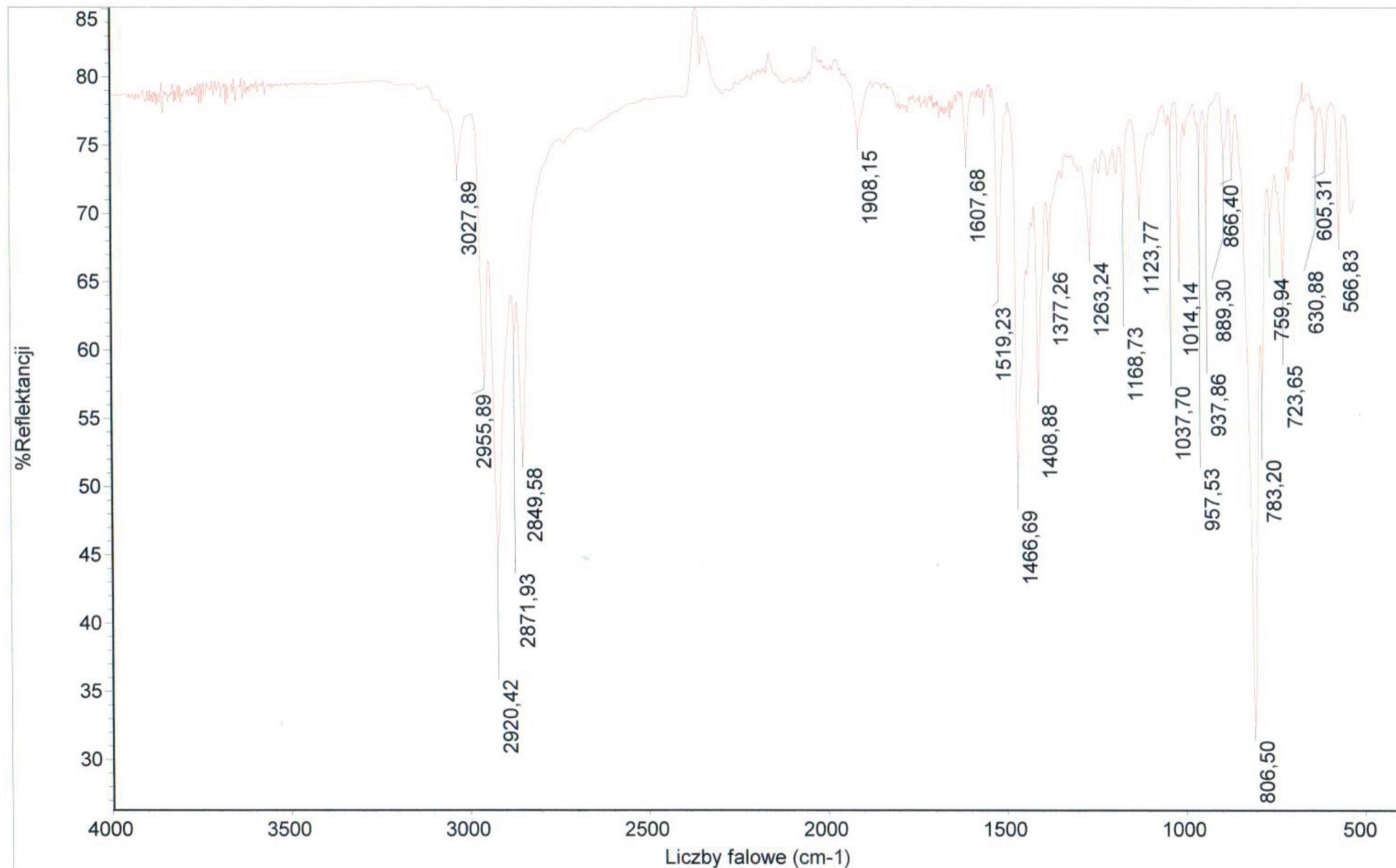
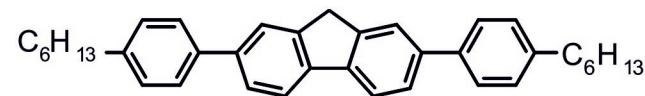
Fig. : **Experiment :** C5H11[F,Ph,F]Flu[F,Ph,F]C5H11      **Atm. :** N2      **Crucible :** Al 100 µl  
 01-22-16    **Procedure :** C5H11[F,Ph,F]Flu[F,Ph,F]C5H11 (Seq 2 - 3)      **Mass (mg) :** 9,97

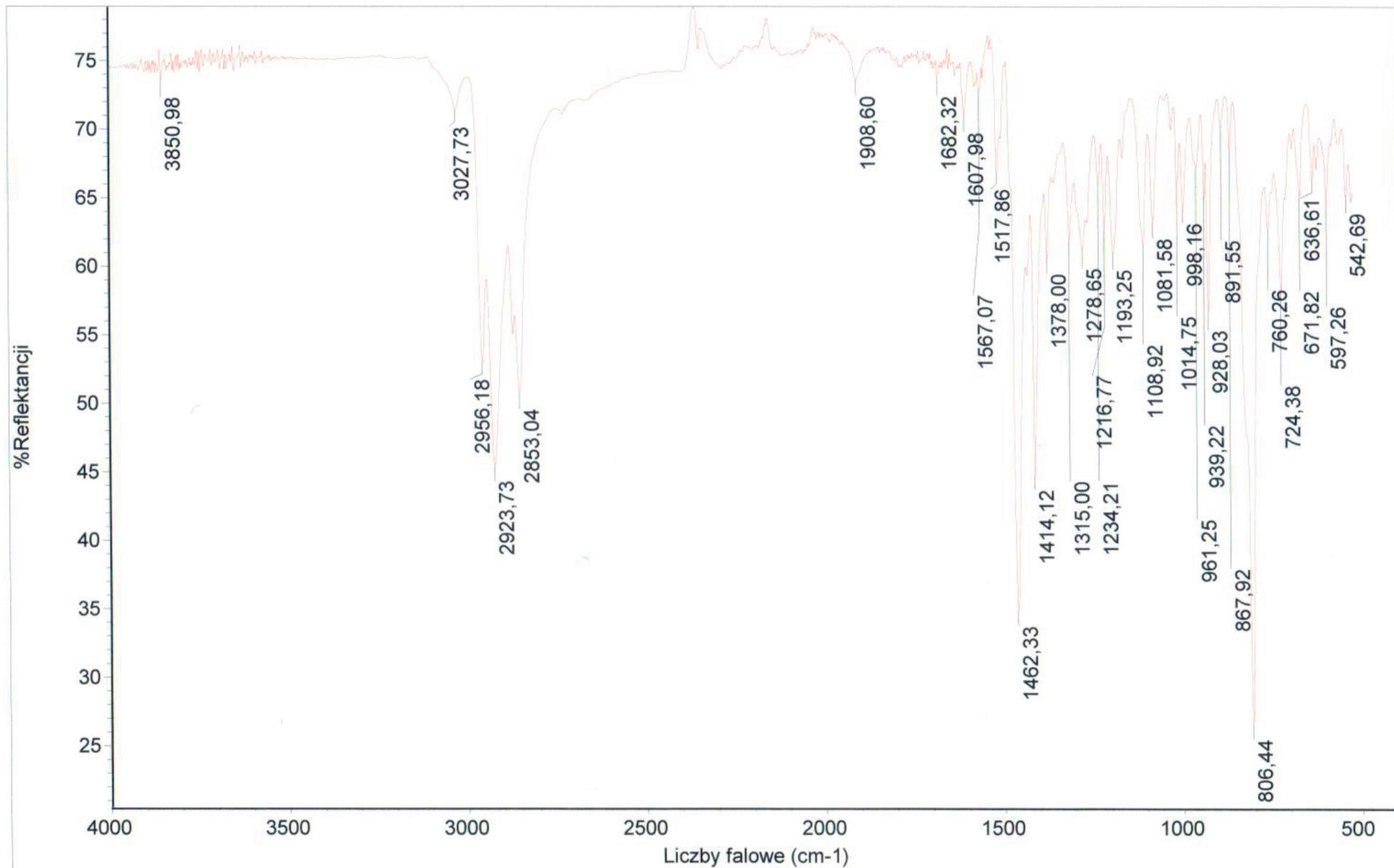
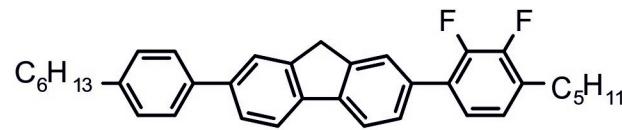


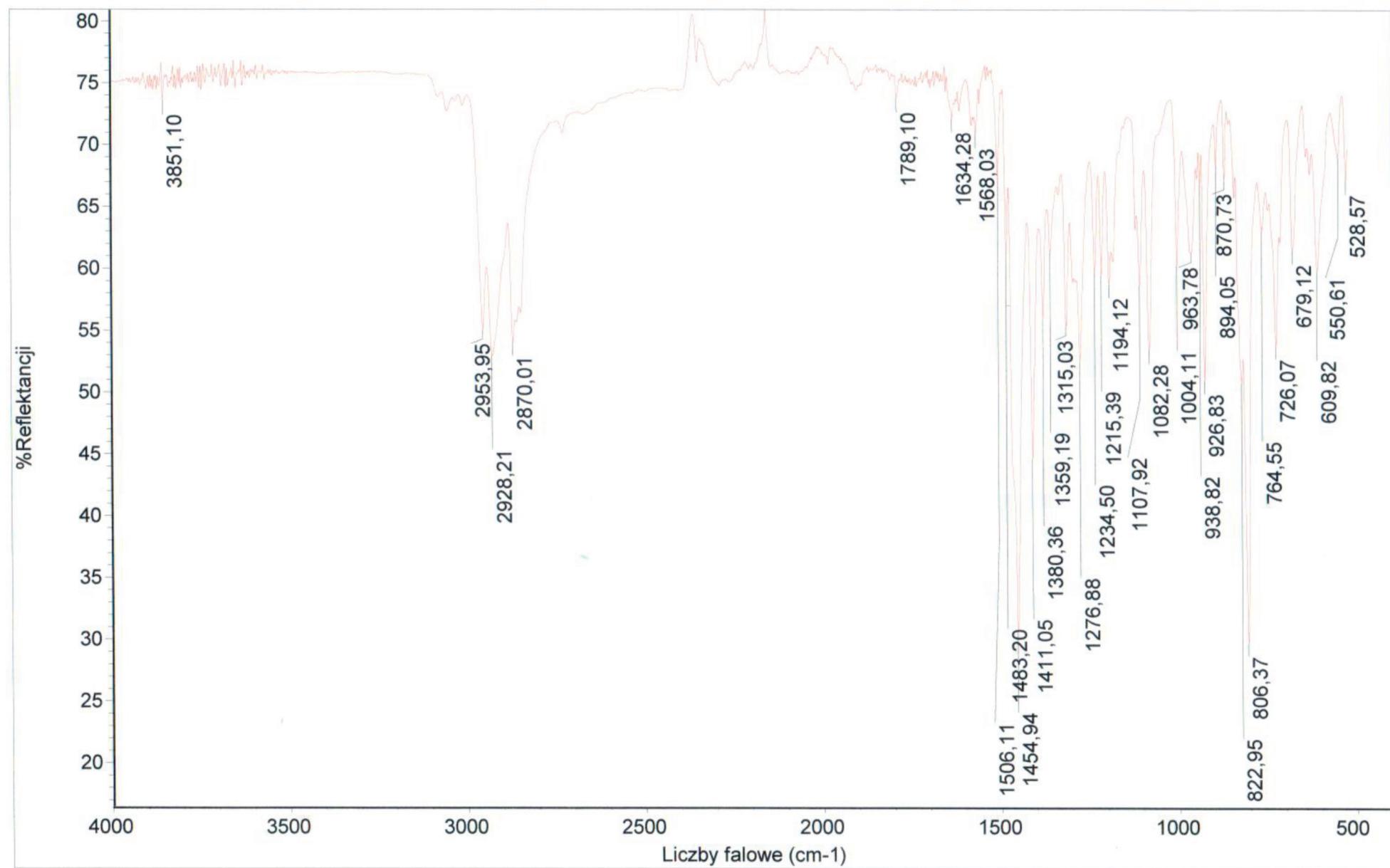
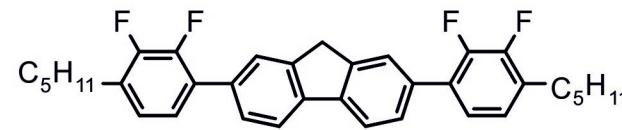


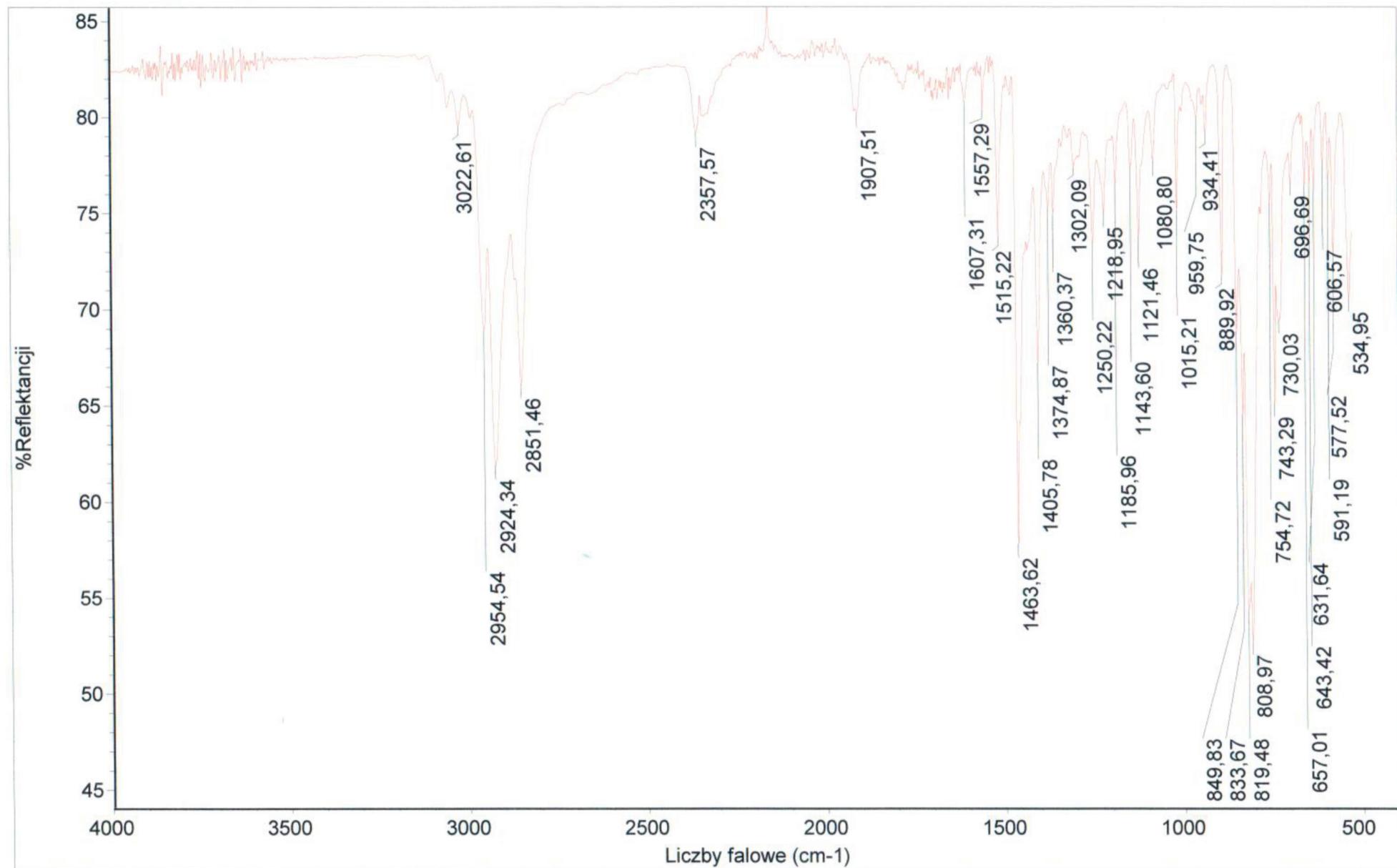
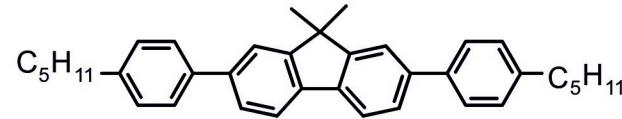


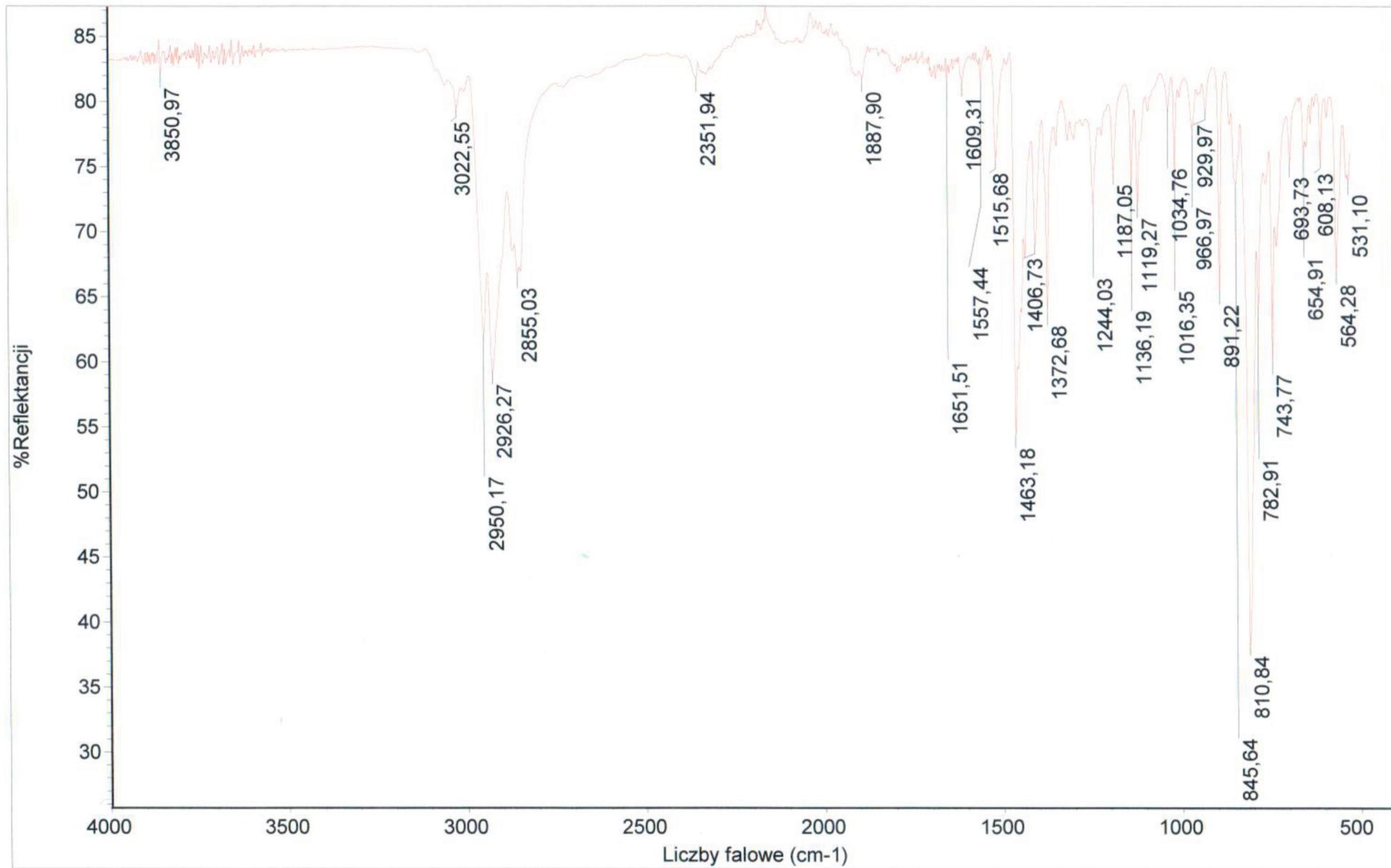
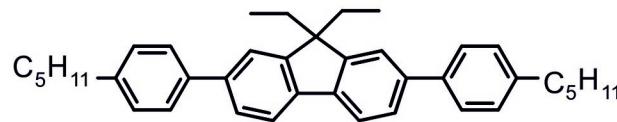


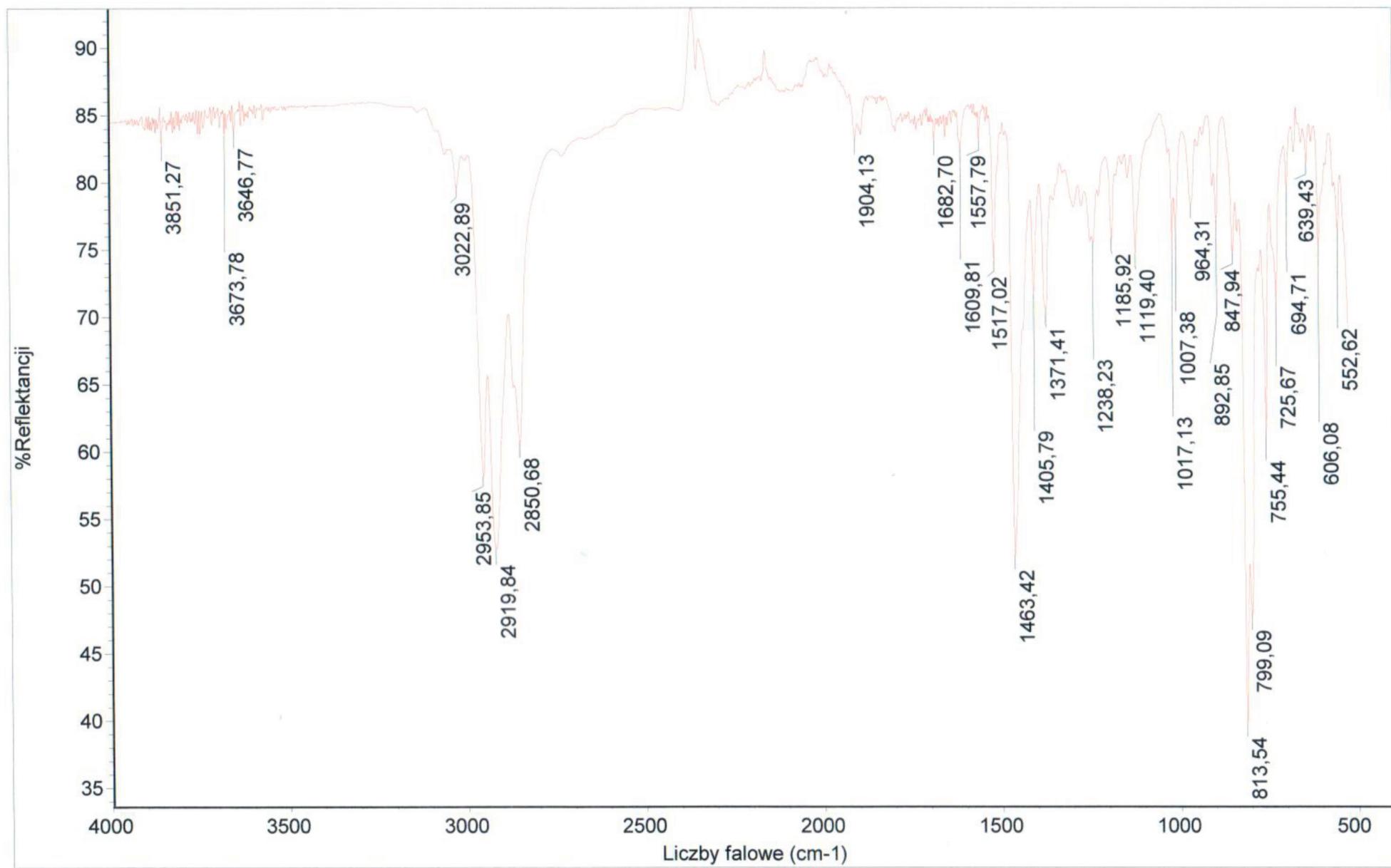
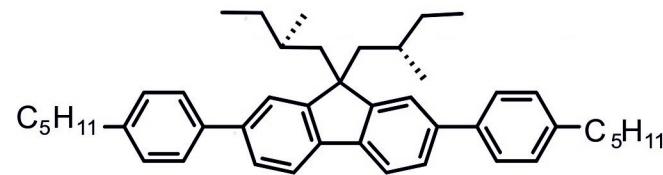






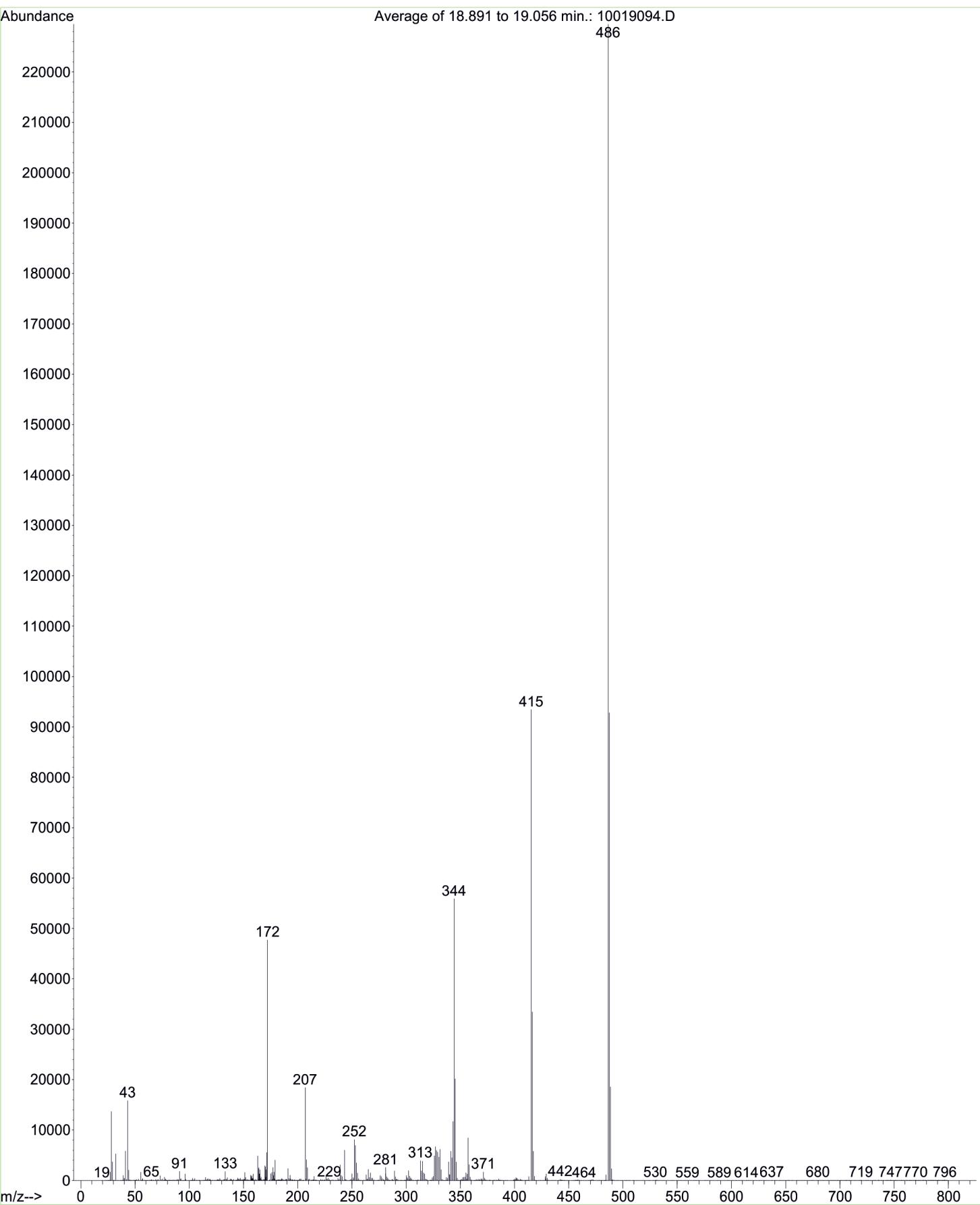
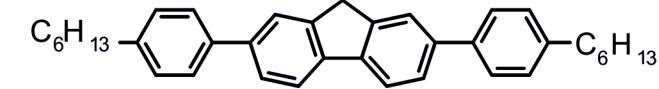






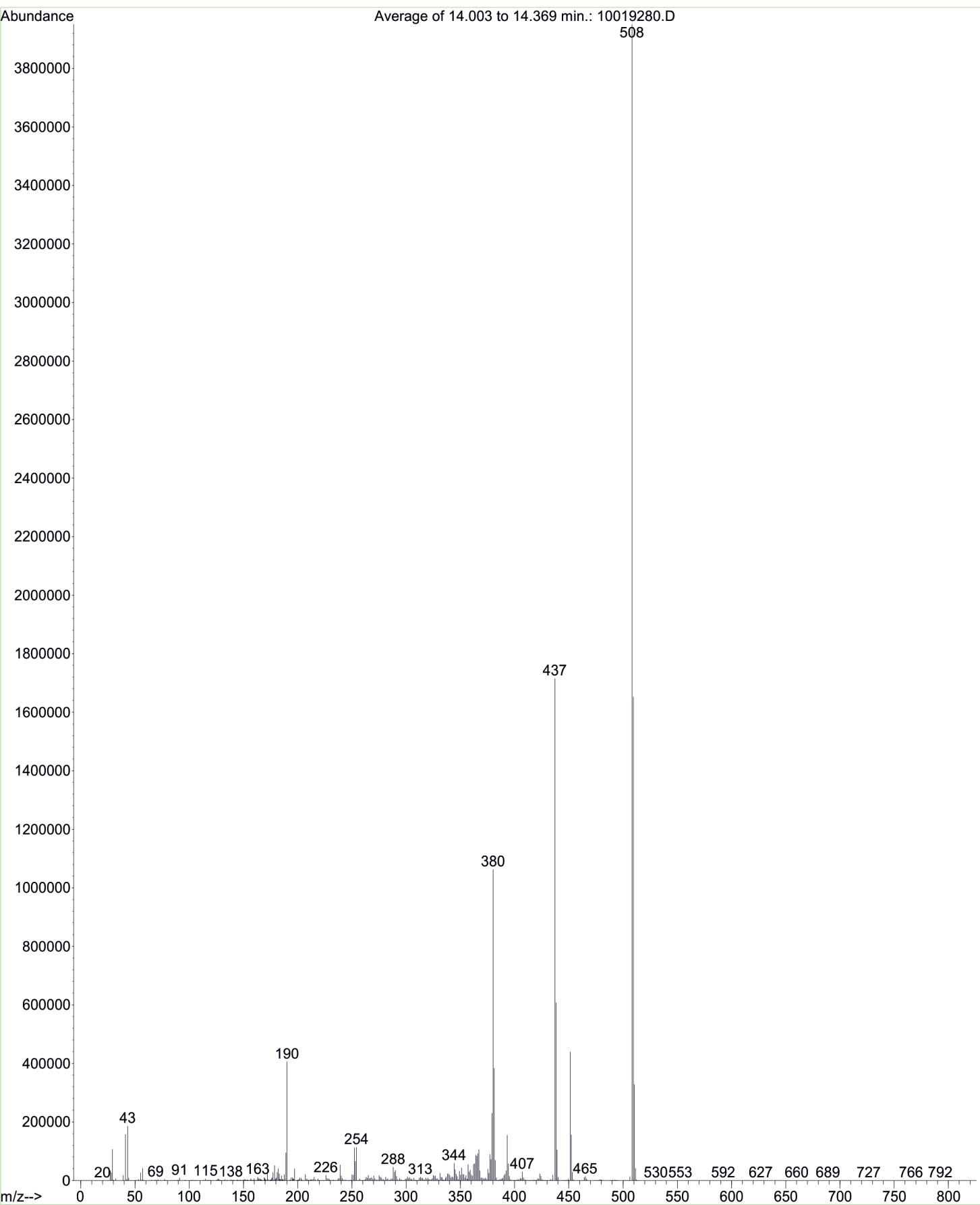
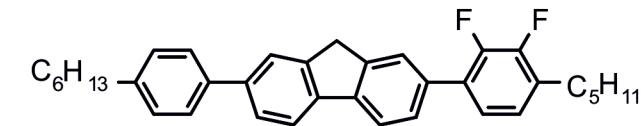
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Instrument : Instrumen  
Sample Name: C6H13\_C6H4\_C13H8\_C6H4\_C6H13  
Misc Info :  
Vial Number: 1

2\_70\_20



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Operator :  
Acquired : 26 Jan 2016 15:34 using AcqMethod  
Instrument : Instrumen  
Sample Name: C6H15\_Ph\_PF\_[FPhF]\_C5H11  
Misc Info :  
Vial Number: 1

2\_70\_30



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Operator :

Acquired : 17 Dec 2015 8:11 using AcqMethod

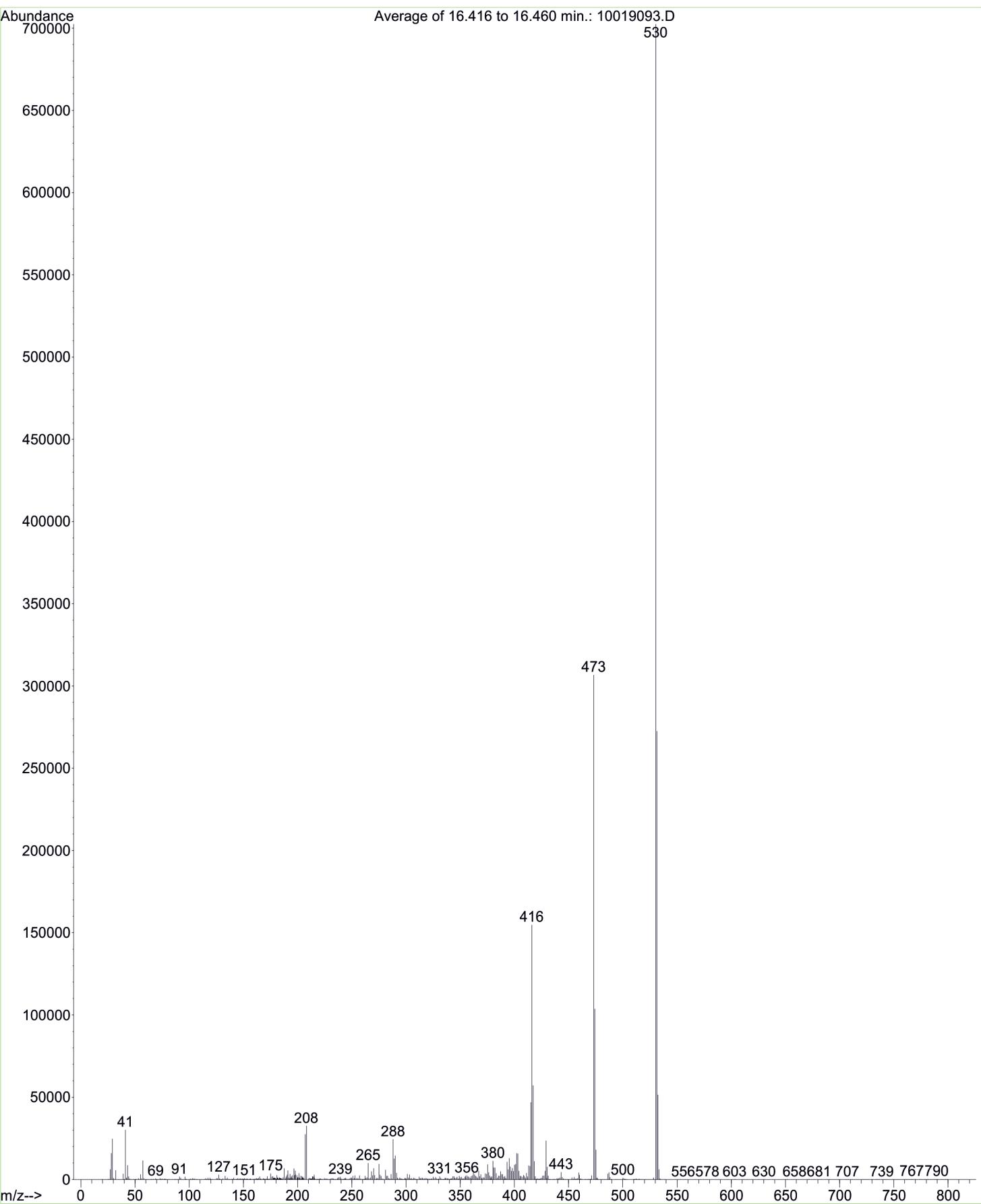
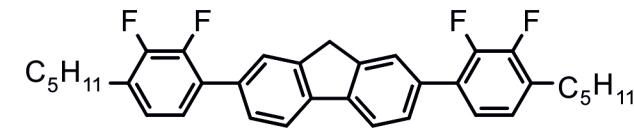
2\_70\_20

Instrument : Instrumen

Sample Name: C5H11\_C6H2F2\_C13H8\_C6H2F2\_C5H11

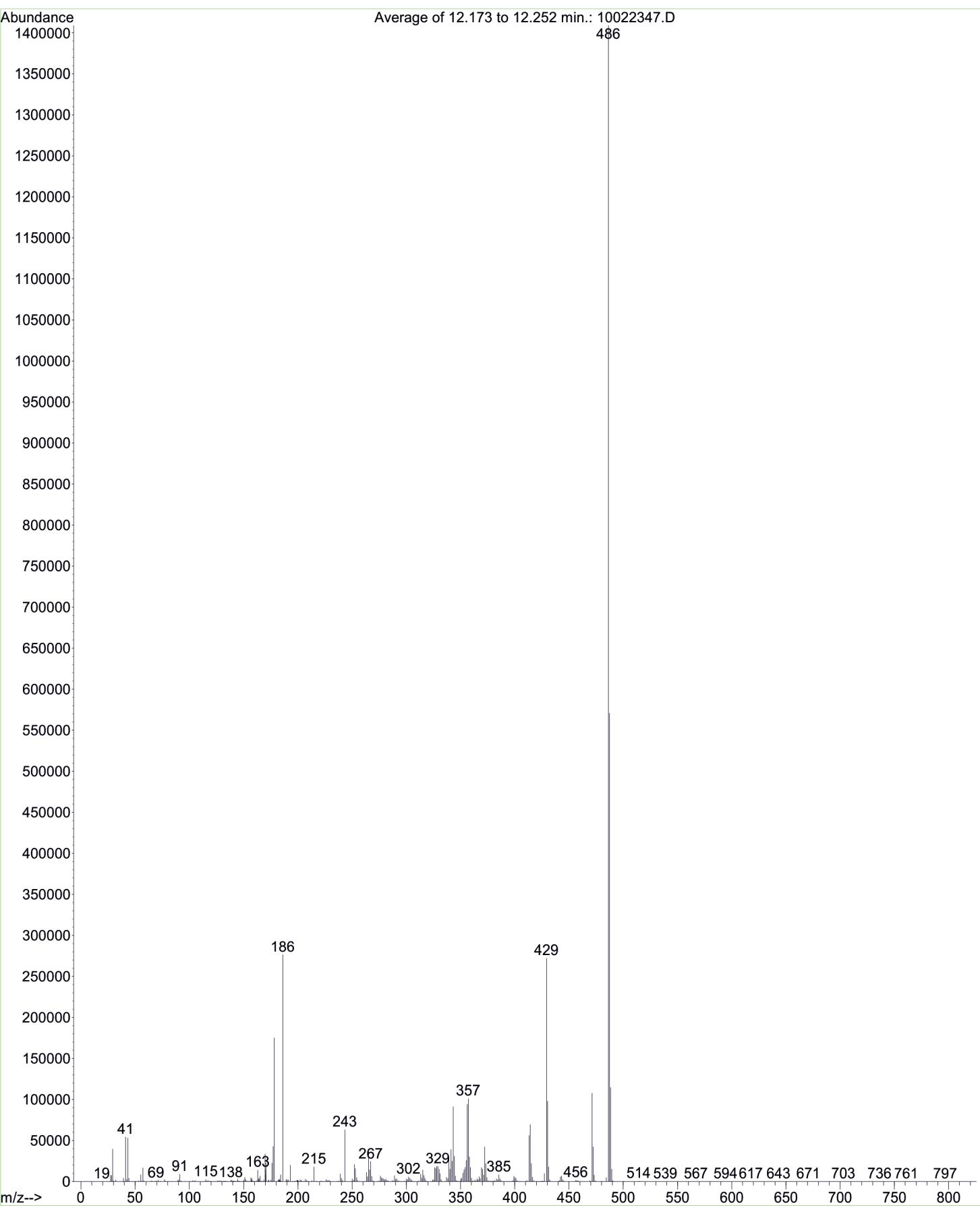
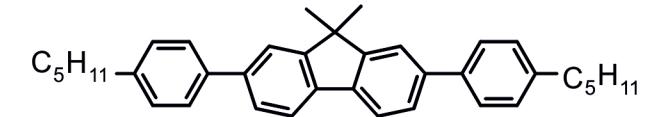
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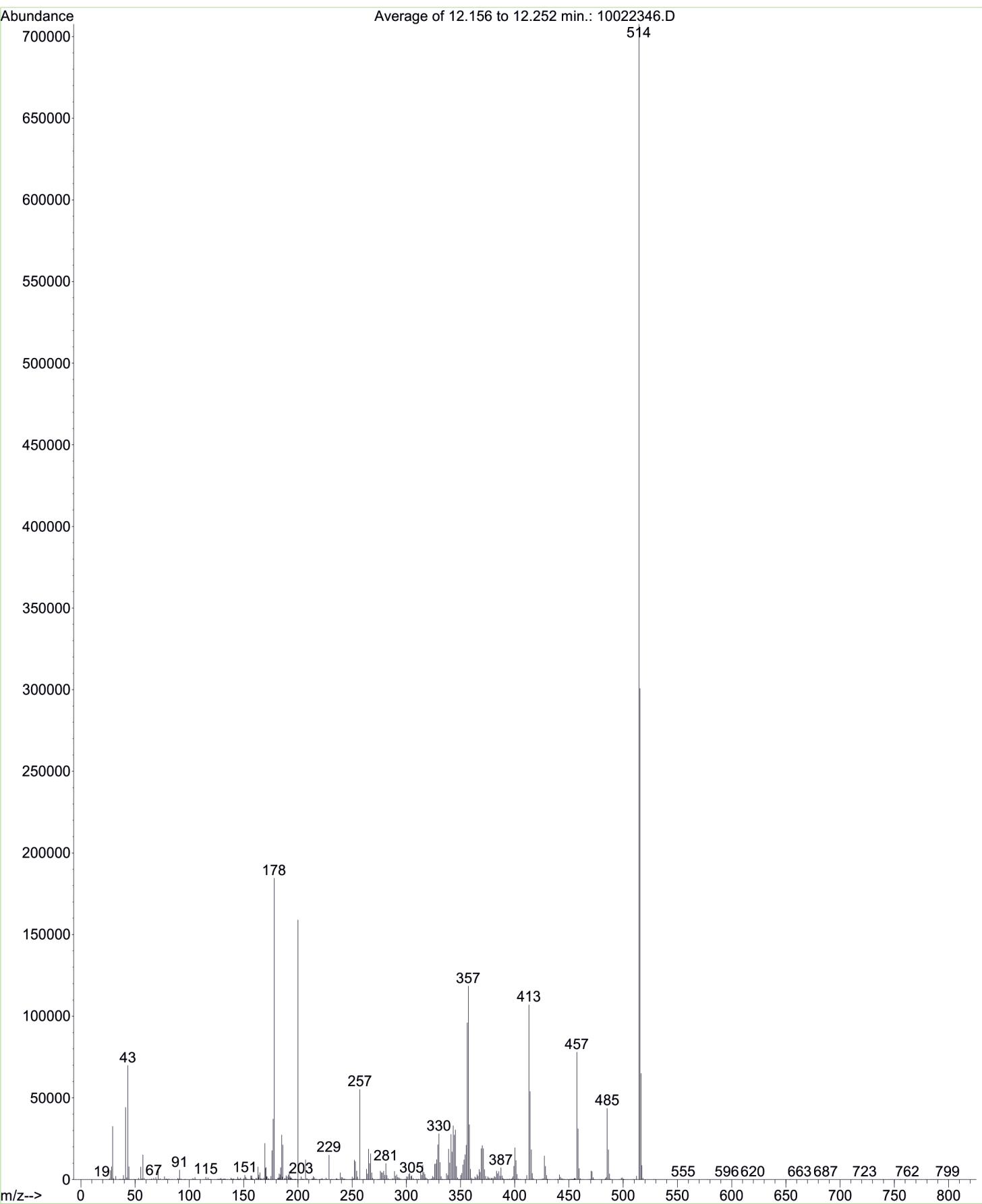
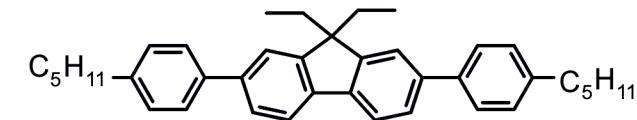
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Misc Info :  
Vial Number: 67

1\_70\_30



File : D:\ANALIZY\223\10022346.D  
Operator :  
Acquired : 4 May 2017 9:23 using AcqMethod  
Instrument : Instrumen  
Sample Name: C5H11\_Ph\_Ph\_(C(C2H5)2)\_Ph\_Ph\_C5H11  
Misc Info :  
Vial Number: 66

1\_70\_30



File : D:\ANALIZY\223\10022365.D

Operator :  
Acquired : 9 May 2017 9:50 using AcqMethod  
Instrument : Instrumen  
Sample Name: C5H11\_C6H4\_C6H3{C(C5H11)2]\_C6H3\_C6H4\_C  
Misc Info :  
Vial Number: 80

1\_70\_30

5H11

