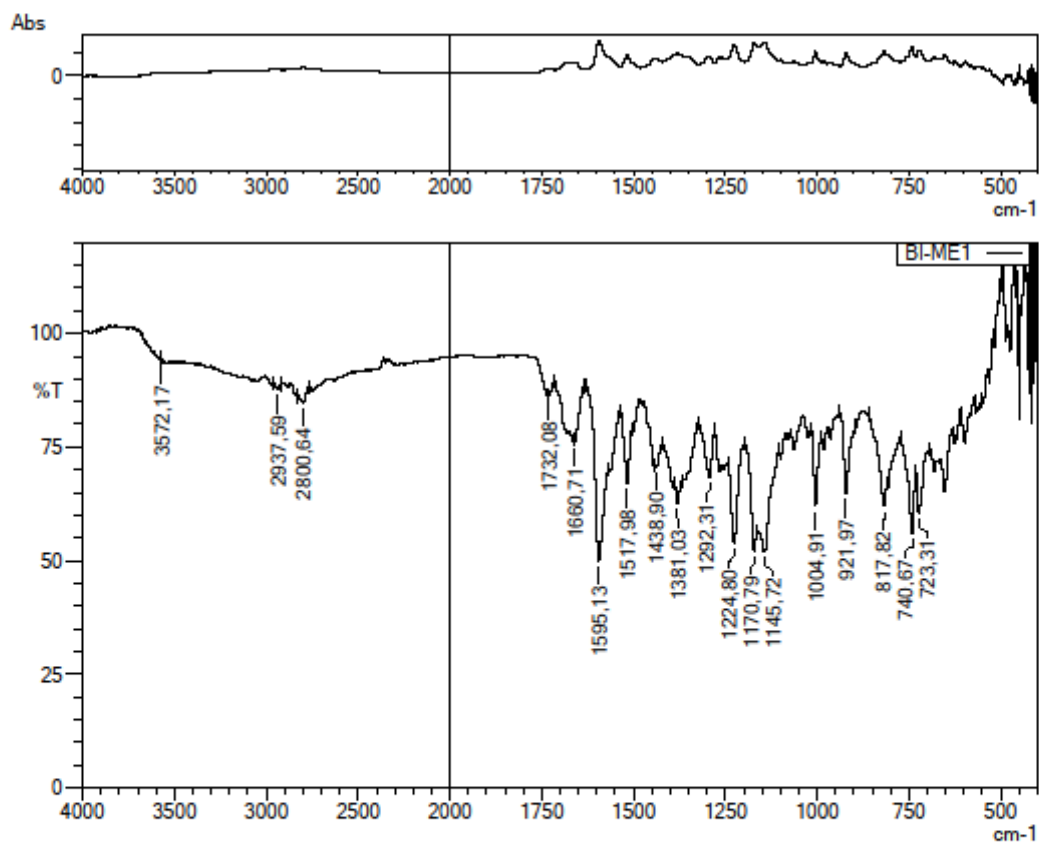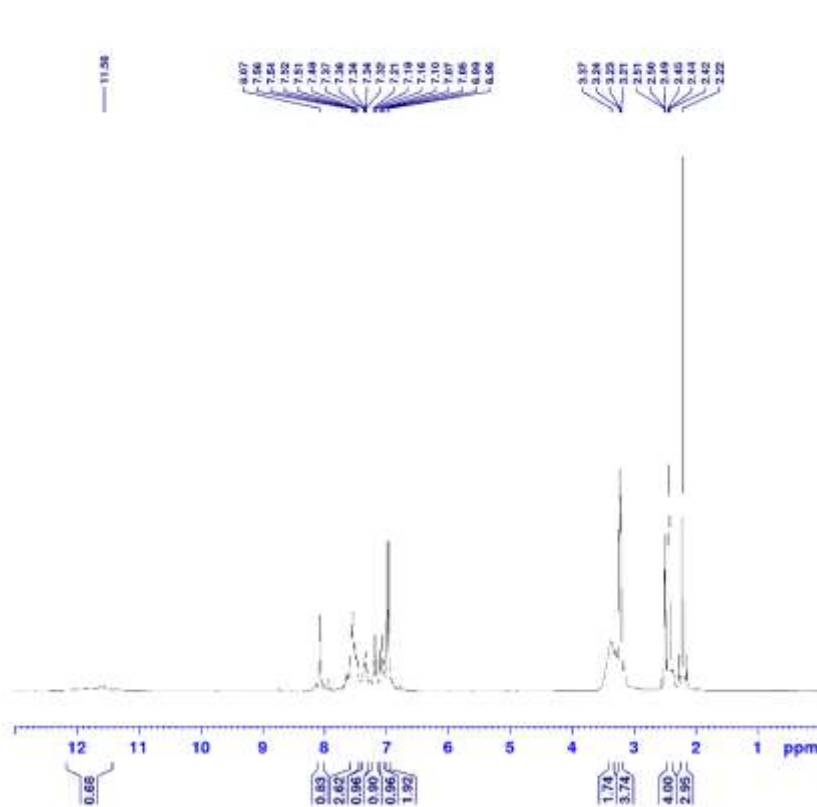## DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:38:48
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\Bİ-ME1.ispd
Spectrum name	Bİ-ME1
Sample name	Bİ-ME
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

Spectra 1. IR spectra of compound **4a**

Spectra 2. ^{1}H-NMR spectra of compound **4a**

Spectra 3. ^{13}C-NMR spectra of compound **4a**

LabSolutions Analysis Report

<Sample Information>

Sample Name	: BI-Me		
Sample ID	:		
Data Filename	: BI-Me__004.lcd		
Method Filename	: genel.lcm		
Batch Filename	: batch.lcb		
Vial #	: 1-4	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 29.06.2018 16:18:41	Acquired by	: System Administrator
Date Processed	: 29.06.2018 16:19:44	Processed by	: System Administrator

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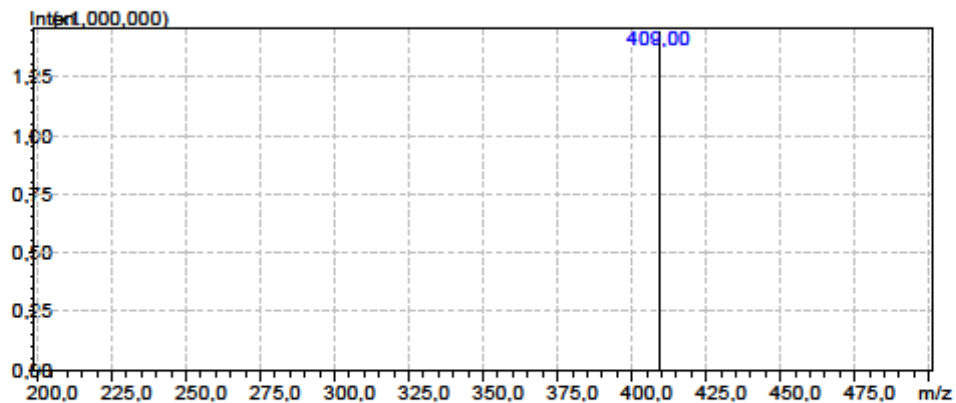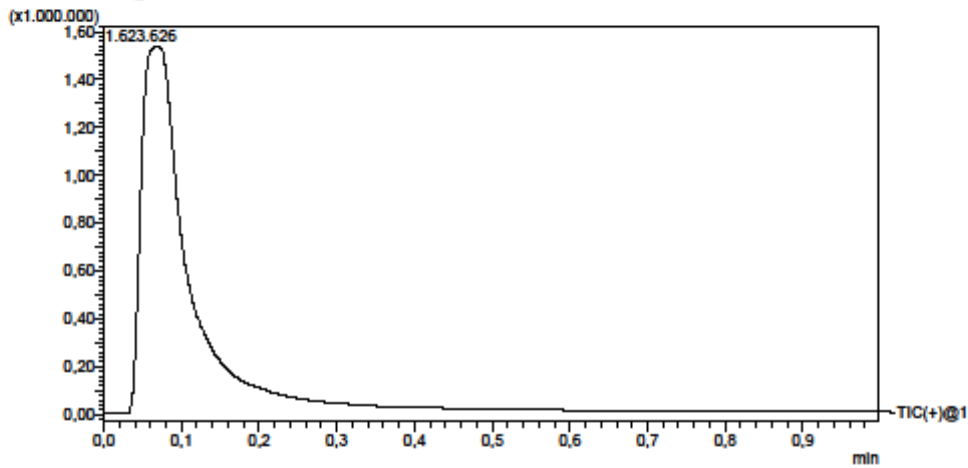
Spectra 4. LCMSMS spectra of compound **4a**

DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:42:19
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\Bİ-ET1.ispd
Spectrum name	Bİ-ET1
Sample name	Bİ-ET
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel
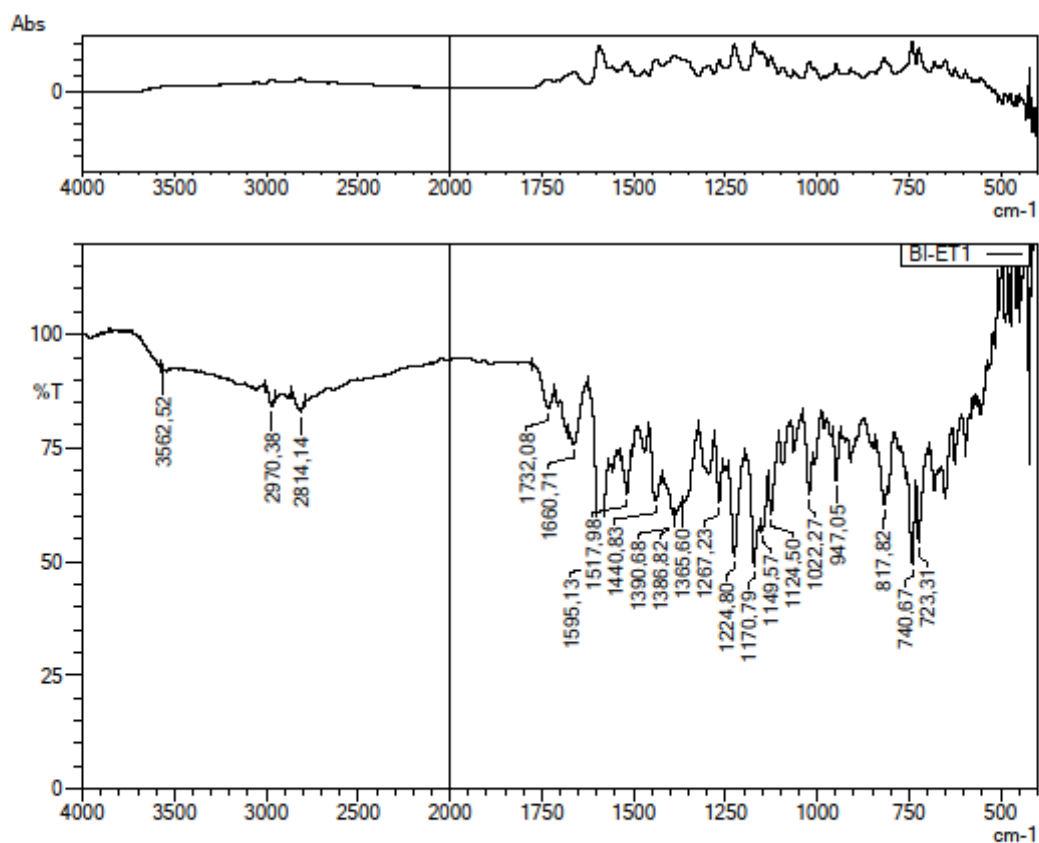
Spectra 5. IR spectra of compound **4b**
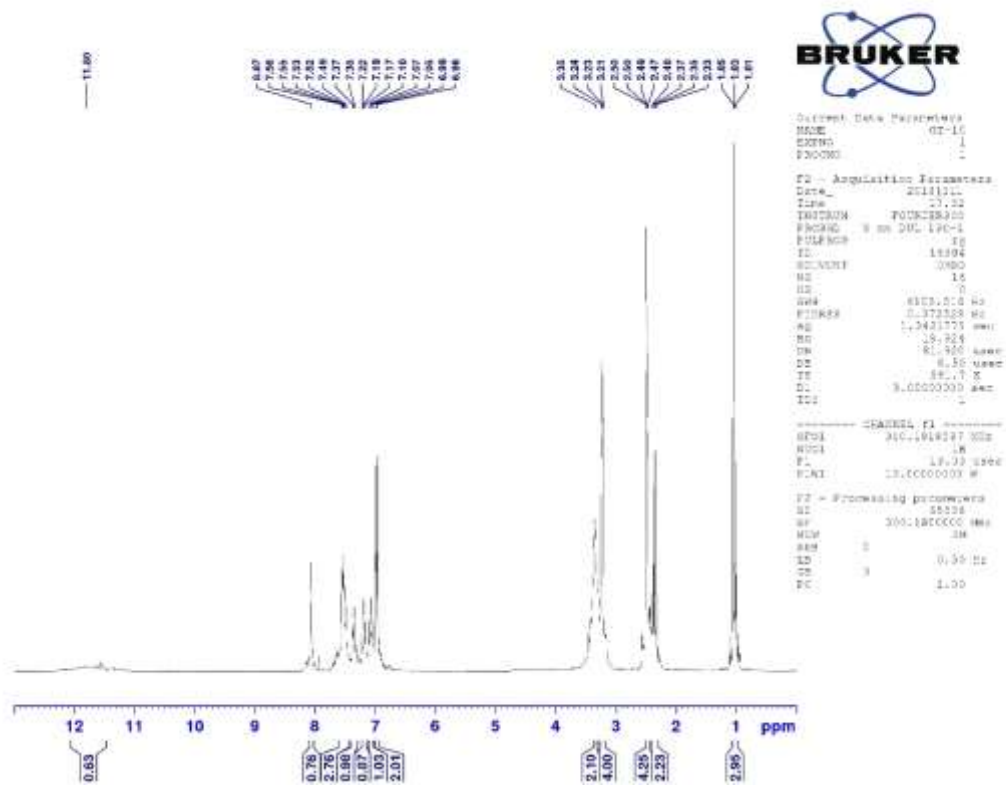
Spectra 6. ^{1}H-NMR spectra of compound **4b**
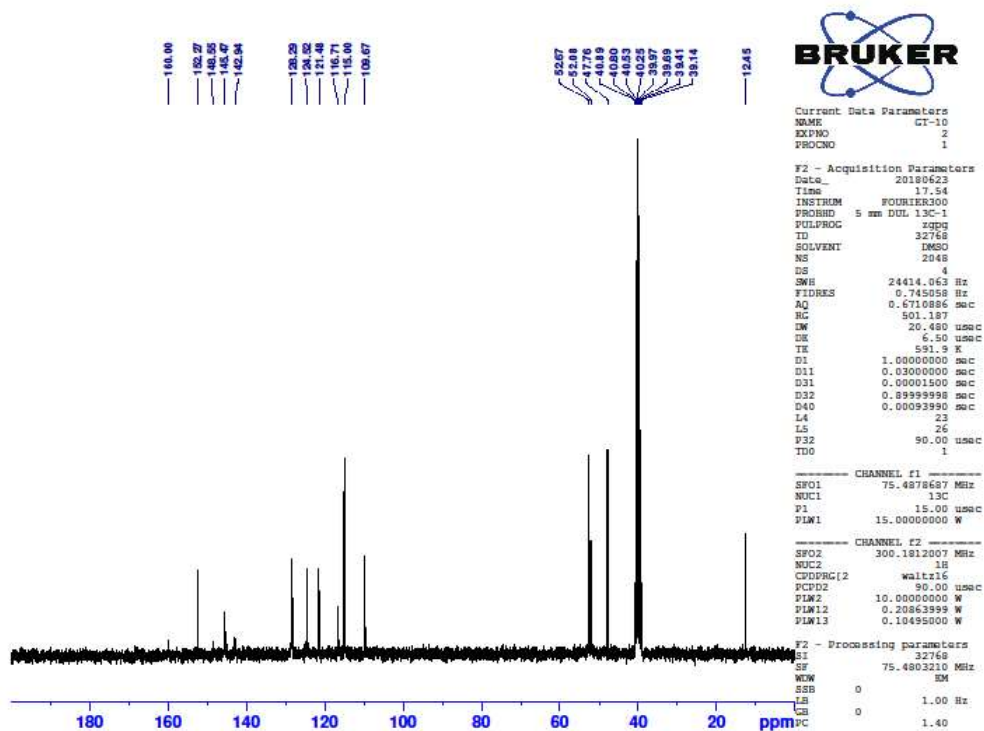
Spectra 7. ^{13}C-NMR spectra of compound **4b**

SHIMADZU LabSolutions Analysis Report

<Sample Information>

Sample Name	: BI-et		
Sample ID	:		
Data Filename	: BI-et__001.lcd		
Method Filename	: genel.lcm		
Batch Filename	: batch.lcb		
Vial #	: 1-5	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 29.06.2018 16:26:55	Acquired by	: System Administrator
Date Processed	: 29.06.2018 16:27:59	Processed by	: System Administrator

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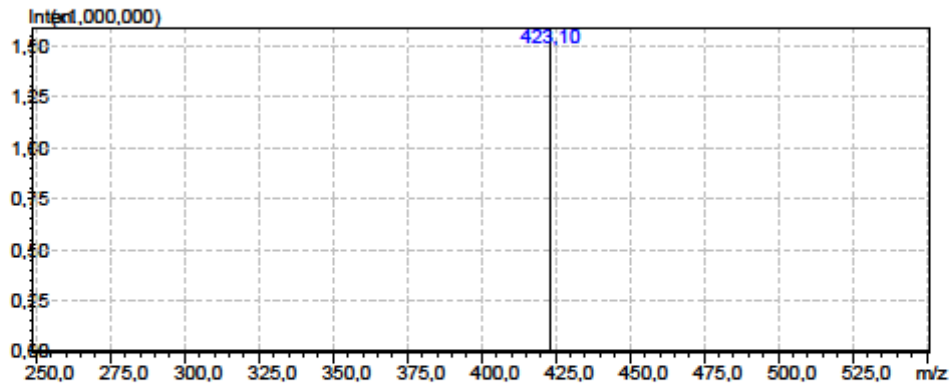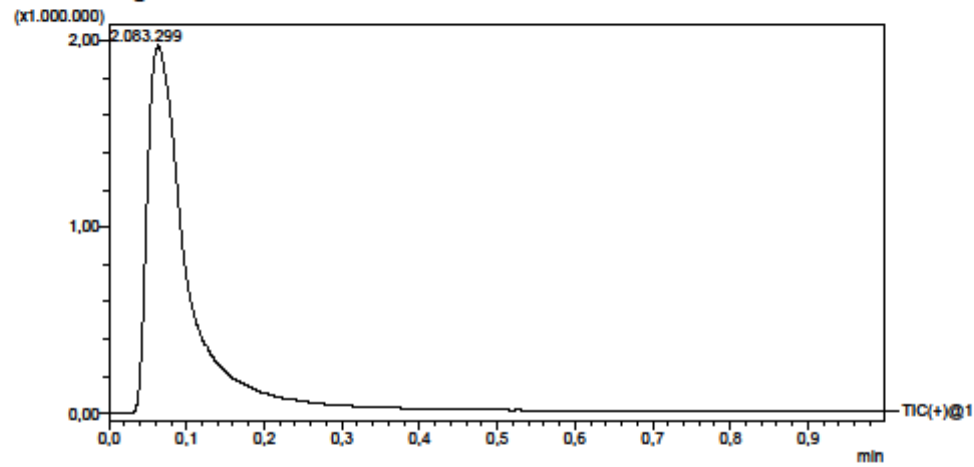
Spectra 8. LCMSMS spectra of compound **4b**
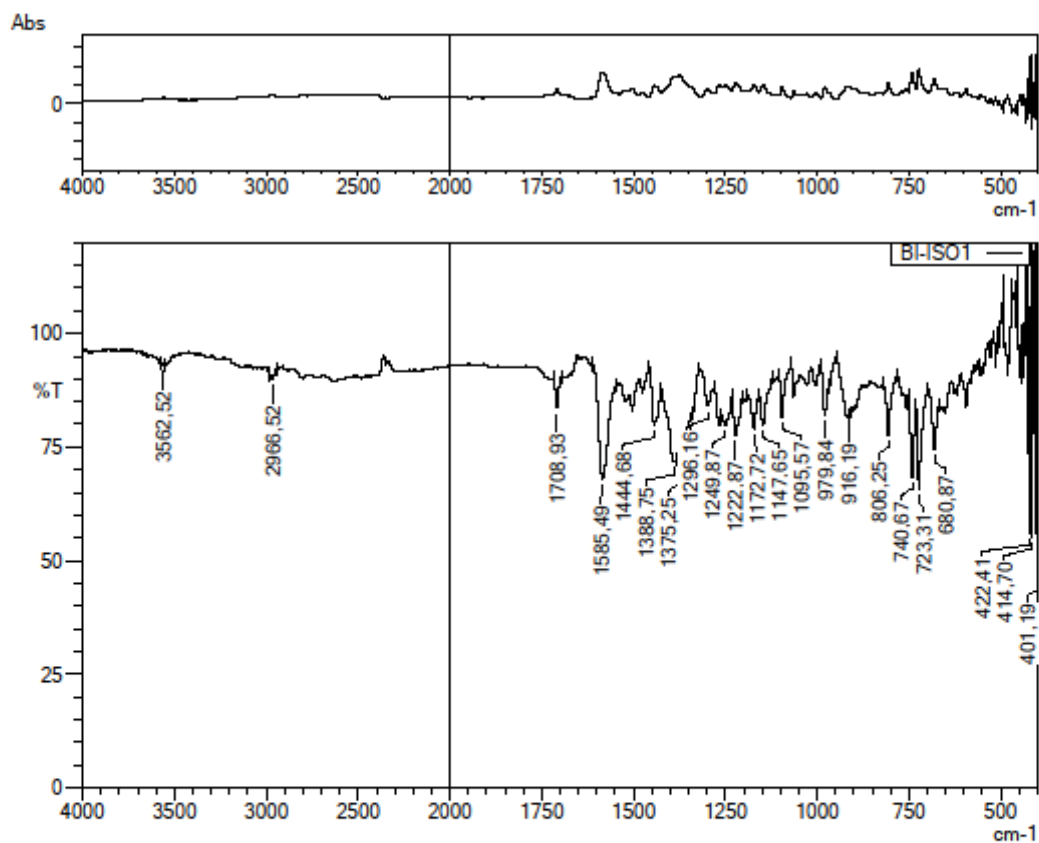
DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:49:00
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\Bİ-ISO1.ispd
Spectrum name	Bİ-ISO1
Sample name	Bİ-ISO
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

Spectra 9. IR spectra of compound **4c**

Spectra 10. ^{1}H-NMR spectra of compound **4c**

Spectra 11. ^{13}C-NMR spectra of compound **4c**

LabSolutions Analysis Report
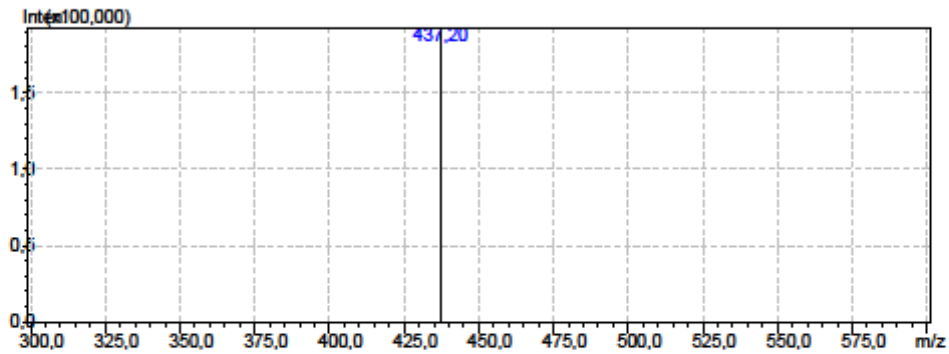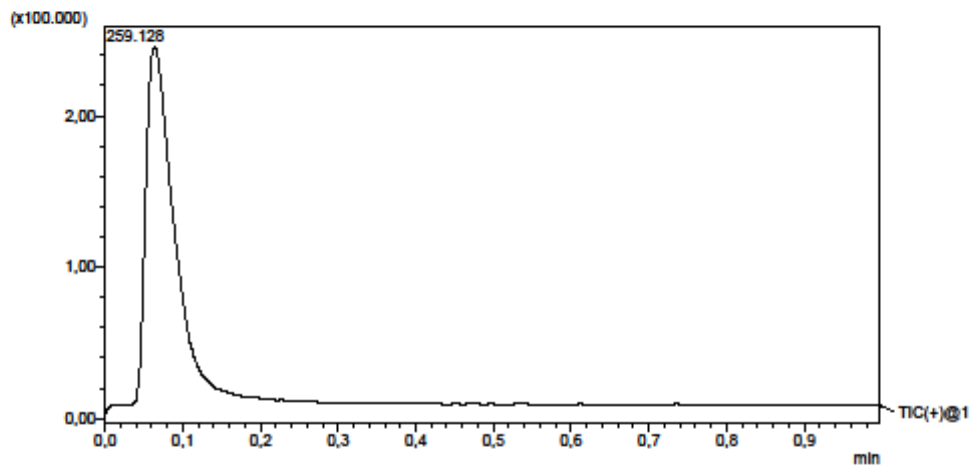
<Sample Information>

Sample Name : BI-iso
Sample ID :
Data Filename : BI-iso__001.lcd
Method Filename : genel.lcm
Batch Filename : batch.lcb
Vial # : 1-6   Sample Type   : Unknown
Injection Volume : 0,1 uL
Date Acquired : 29.06.2018 16:31:40   Acquired by   : System Administrator
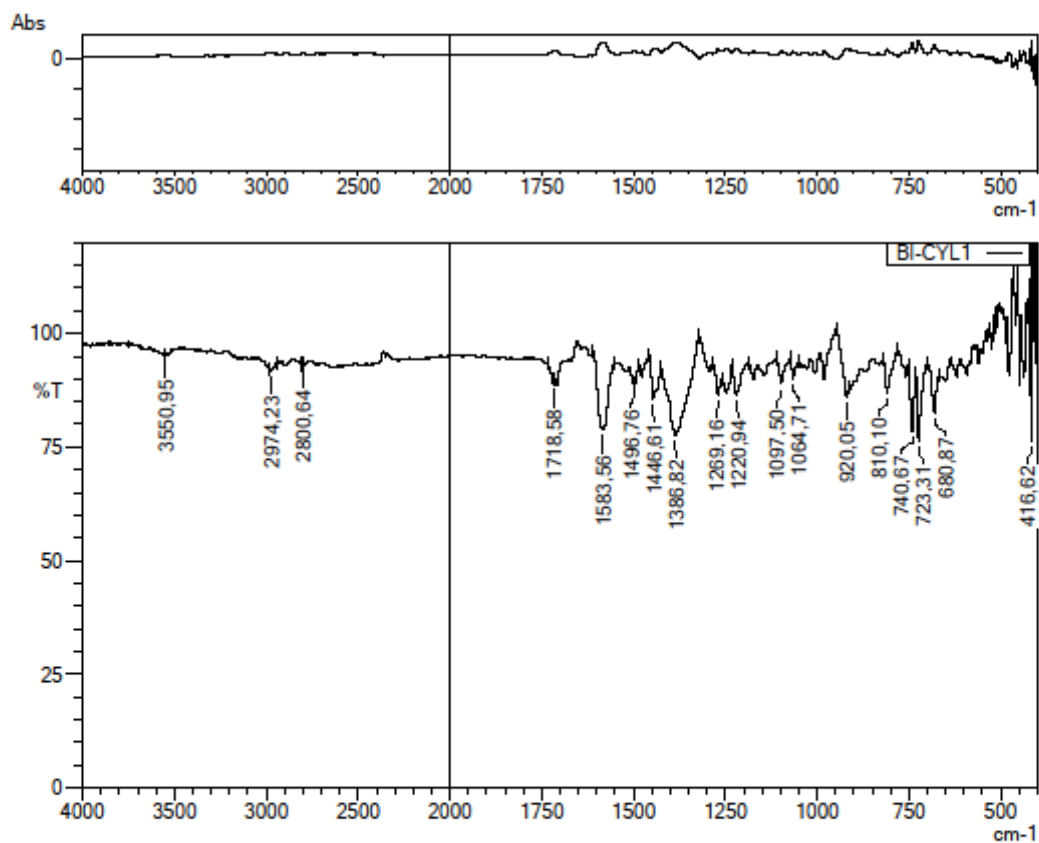Date Processed : 29.06.2018 16:32:43   Processed by   : System Administrator

<Chromatogram>

Spectra 12. LCMSMS spectra of compound **4c**
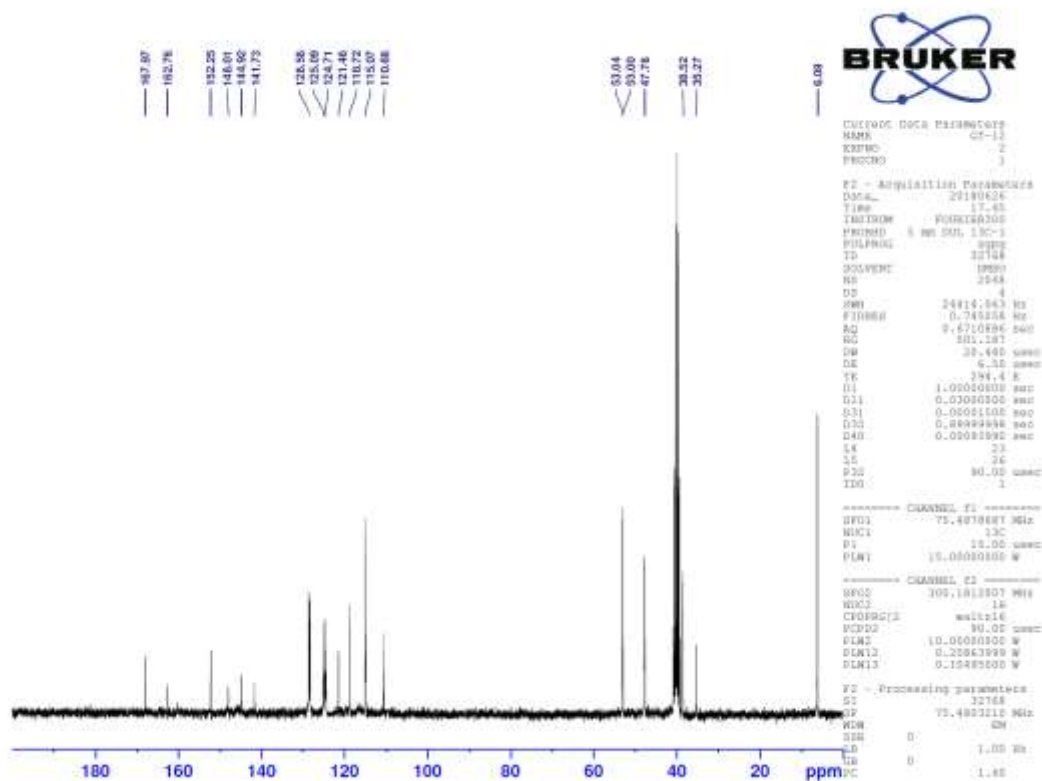
DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:53:03
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\Bİ-CYL1.ispd
Spectrum name	Bİ-CYL1
Sample name	Bİ-CYL
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

Spectra 13. IR spectra of compound **4d**
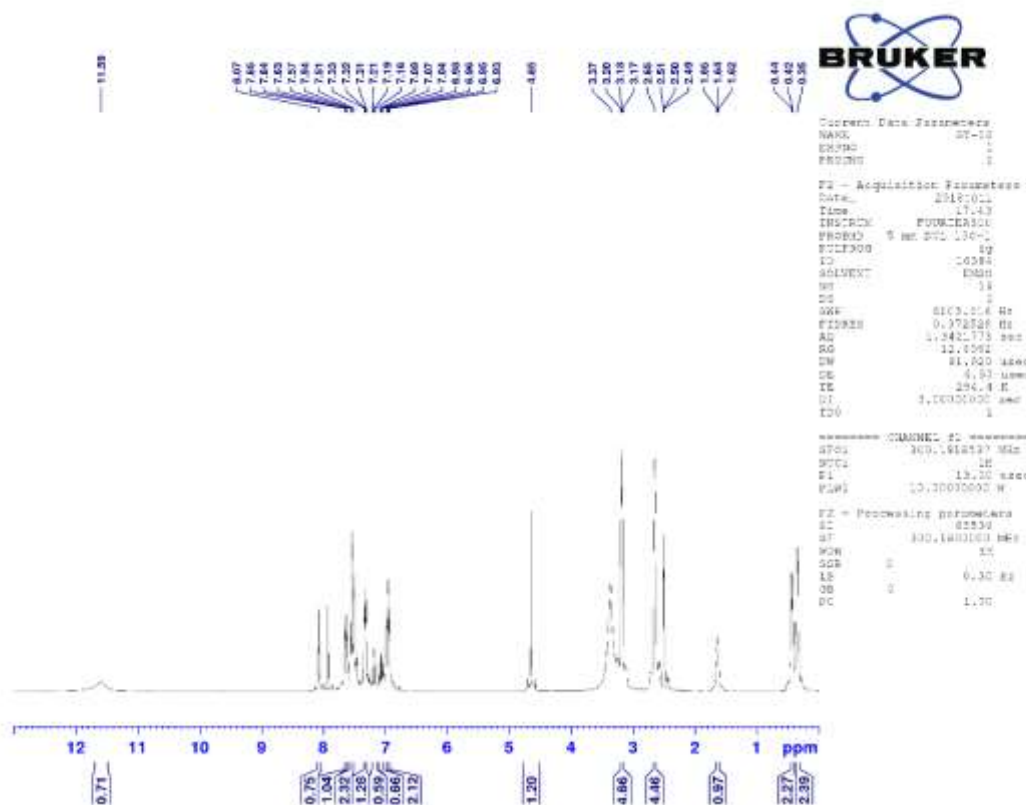
Spectra 14. ^{1}H-NMR spectra of compound **4d**

Spectra 15. ^{13}C-NMR spectra of compound **4d**

SHIMADZU LabSolutions Analysis Report
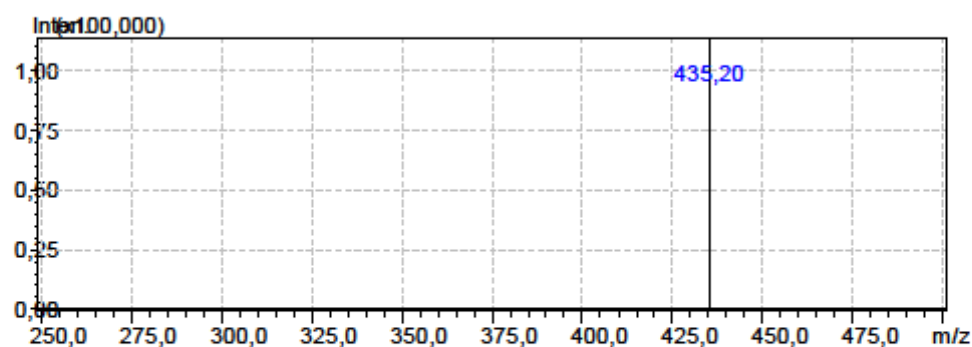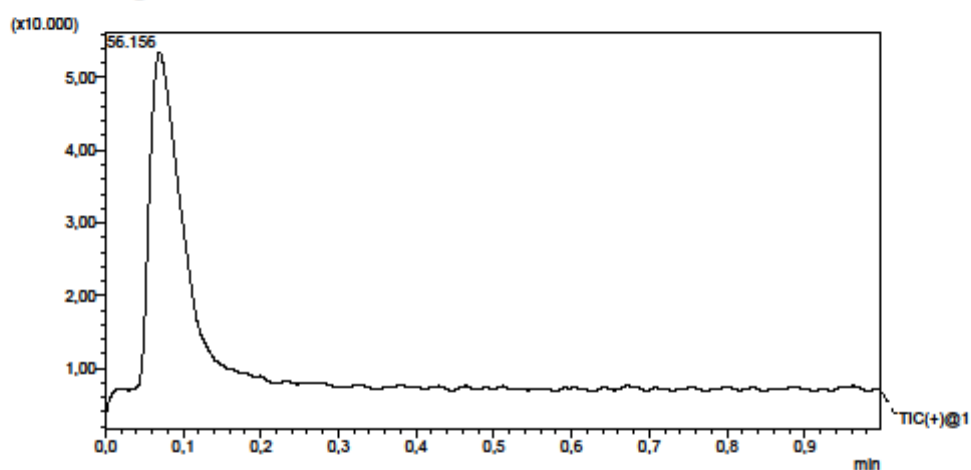
<Sample Information>

Sample Name   : BI-siklo
Sample ID   :
Data Filename : BI-siklo__001.lcd
Method Filename : genel.lcm
Batch Filename : batch.lcb
Vial #   : 1-7   Sample Type   : Unknown
Injection Volume : 0,1 uL
Date Acquired : 29.06.2018 16:34:52   Acquired by   : System Administrator
Date Processed : 29.06.2018 16:43:33   Processed by   : System Administrator

<Chromatogram>

Spectra 16. LCMSMS spectra of compound **4d**
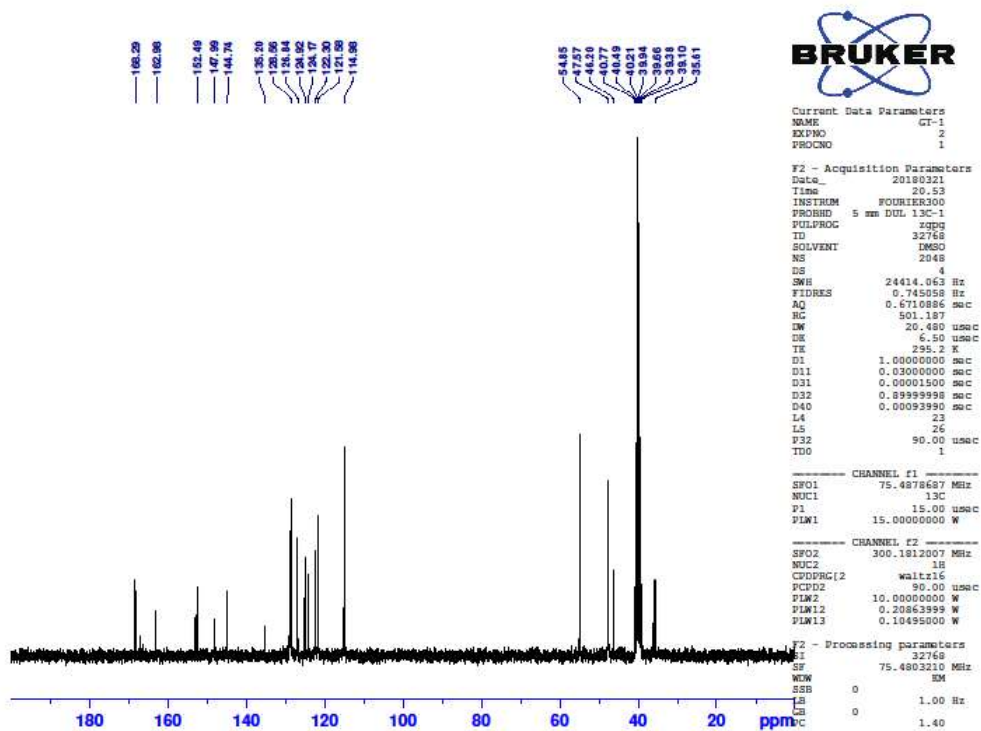
DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:26:01
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\BT-METIL1.ispd
Spectrum name	BT-METIL1
Sample name	BT-METIL
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel
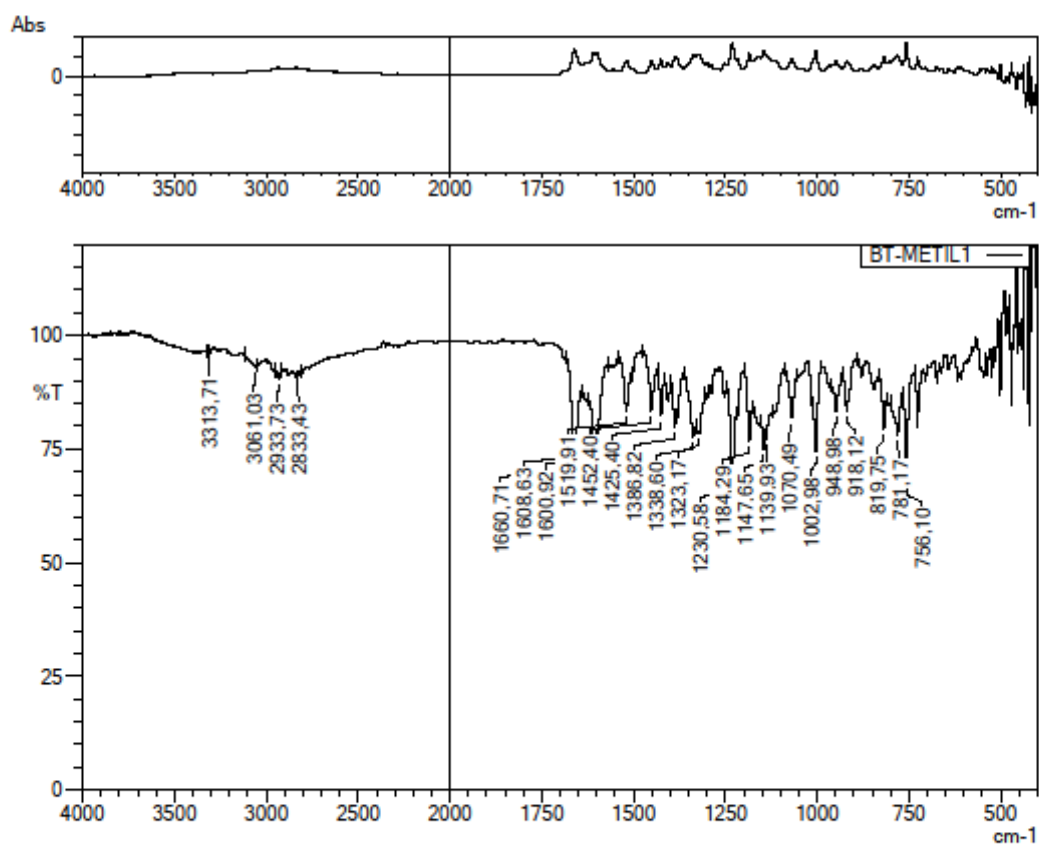
Spectra 17. IR spectra of compound **4e**
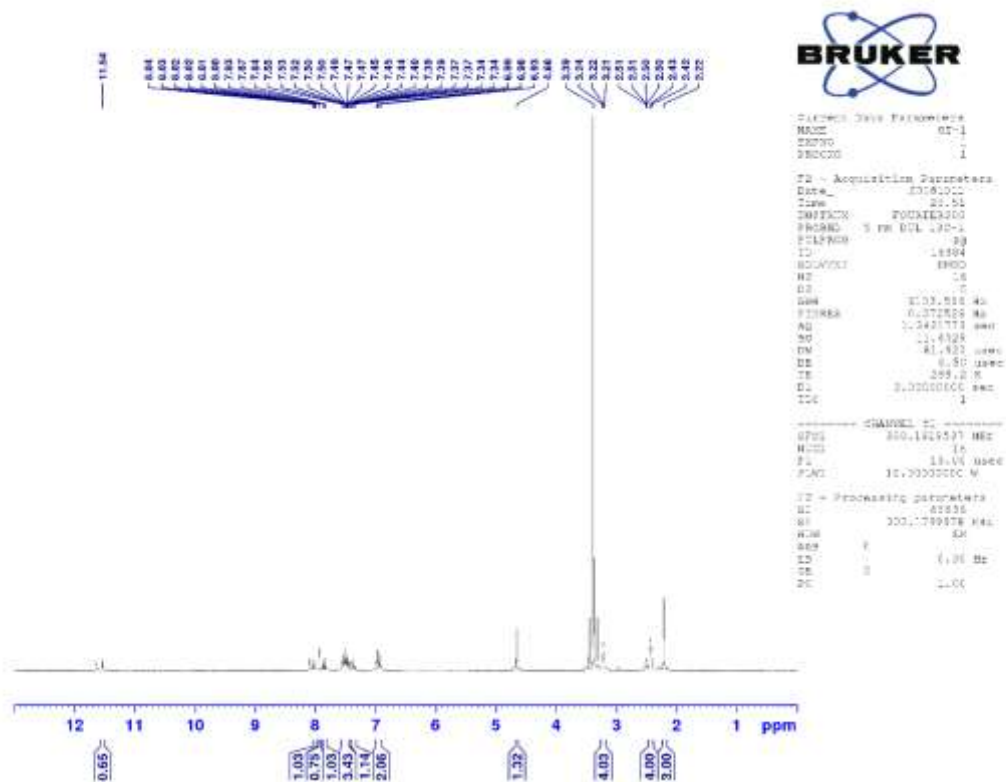
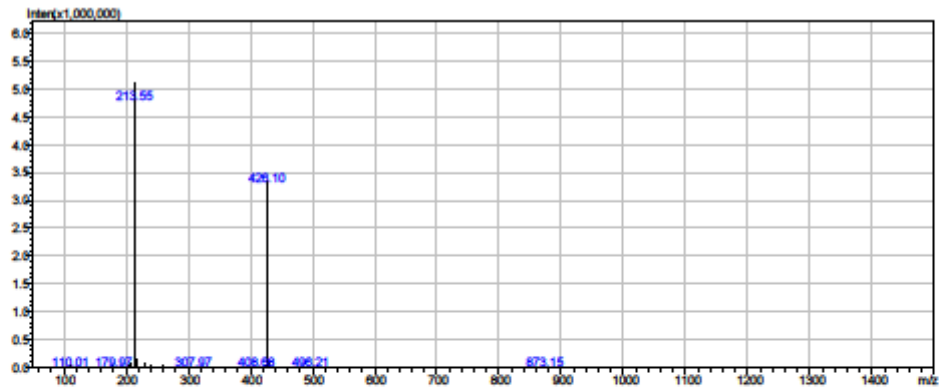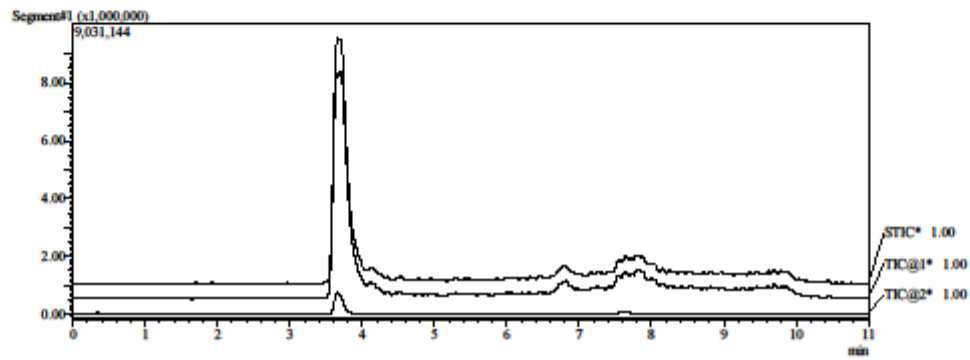**Spectra 18.** ^{1}H-NMR spectra of compound **4e**

Spectra 19. ^{13}C-NMR spectra of compound **4e**

==== Shimadzu LCMSsolution Analysis Report ====

Acquired by : Admin
Sample Name : BT-Me
Sample ID :
Vail # : 12
Injection Volume : 0.3 uL
Data File Name : BT-Me_26.lcd
Method File Name : genel.lcm
Batch File Name : batch.lcb
Report File Name : DefaultLCMS.lcr
Data Acquired : 19.04.2018 14:13:30
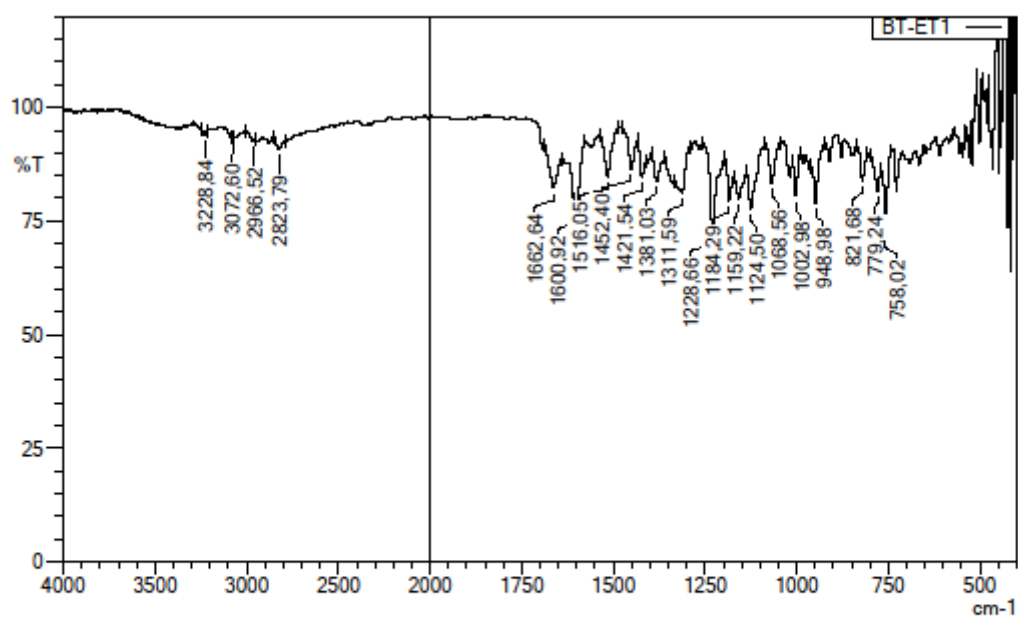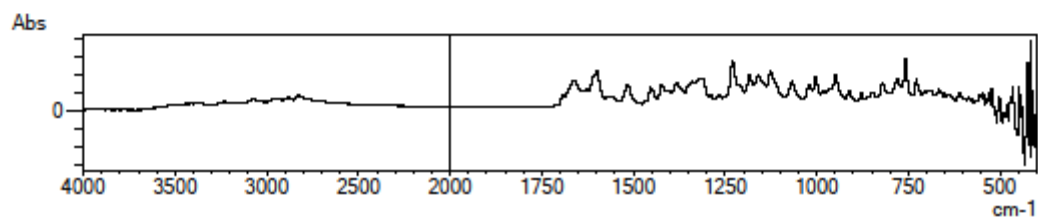Data Processed : 19.04.2018 14:24:32

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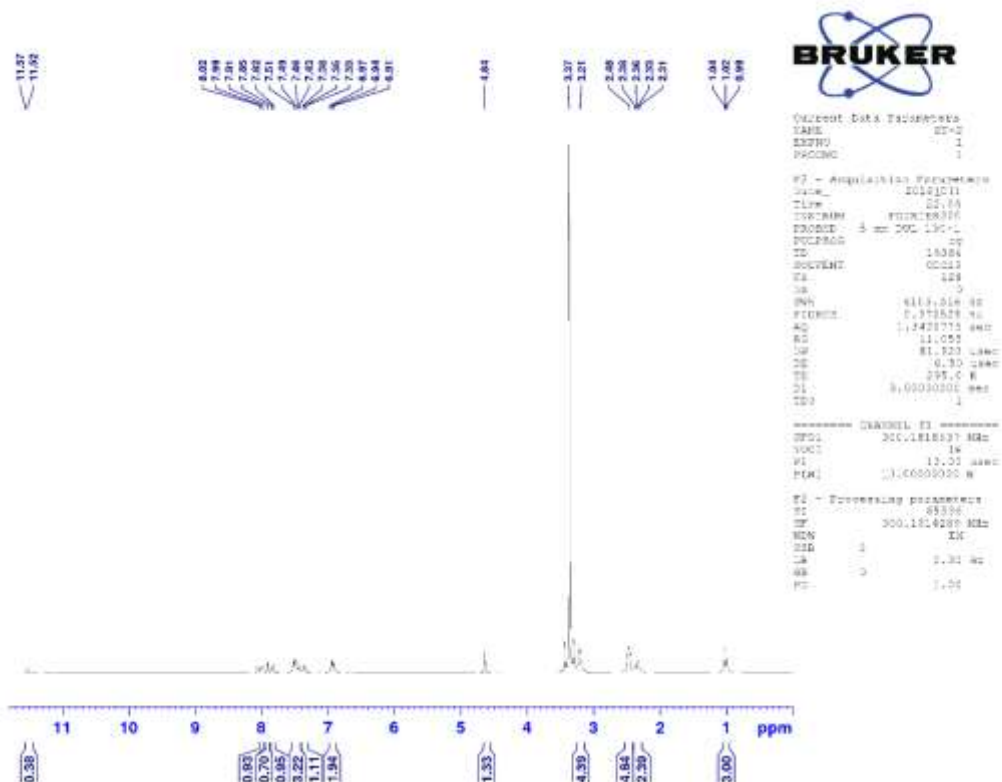

C:\LabSolutions\Data\Analiz\derya\BT-Me_26.lcd

Spectra 20. LCMSMS spectra of compound **4e**

DOPNALAB

Spectra 21. IR spectra of compound **4f**

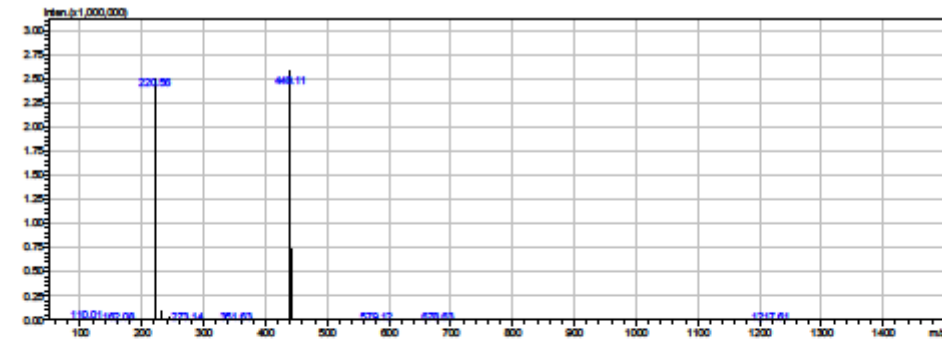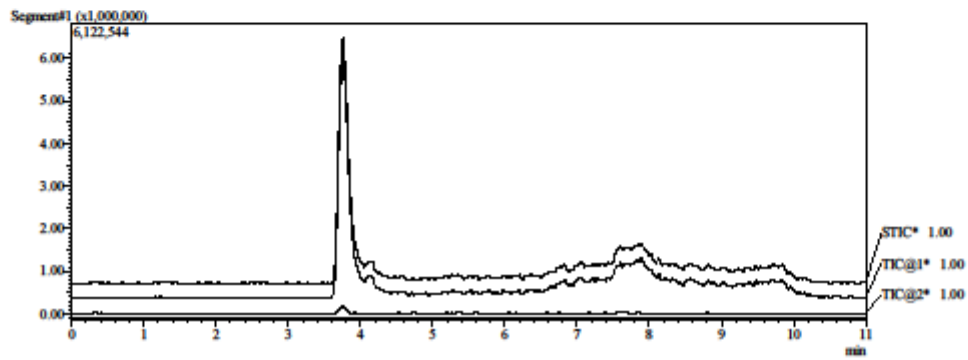**Spectra 22.** ^{1}H-NMR spectra of compound **4f**
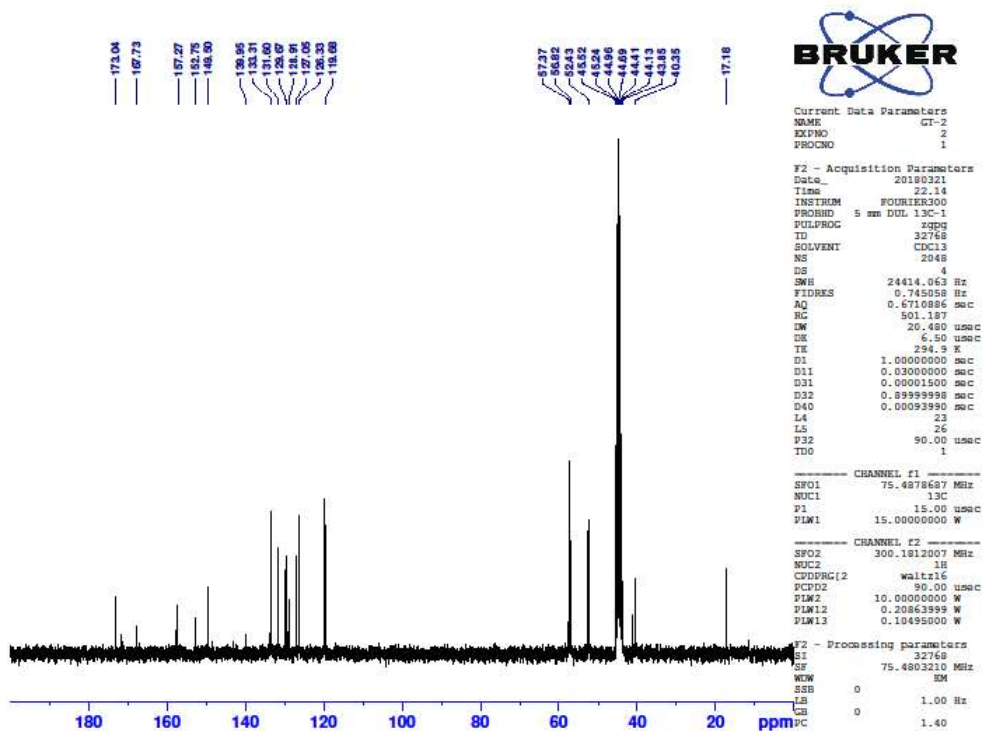
Spectra 23. ^{13}C-NMR spectra of compound **4f**

==== Shimadzu LCMSsolution Analysis Report ====

Acquired by : Admin
Sample Name : BT-Et
Sample ID :
Vail # : 10
Injection Volume : 0.3 uL
Data File Name : BT-Et_24.lcd
Method File Name : genel.lcm
Batch File Name : batch.lcb
Report File Name : DefaultLCMS.lcr
Data Acquired : 19.04.2018 13:50:23
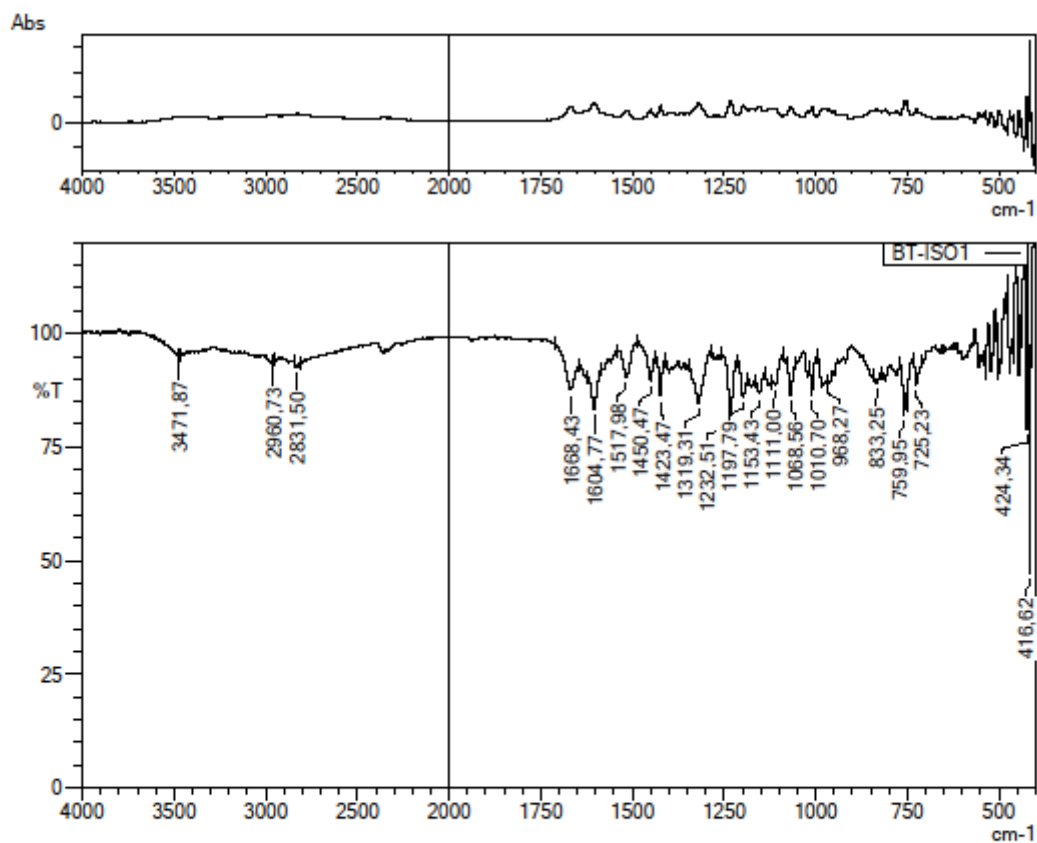Data Processed : 19.04.2018 14:01:25

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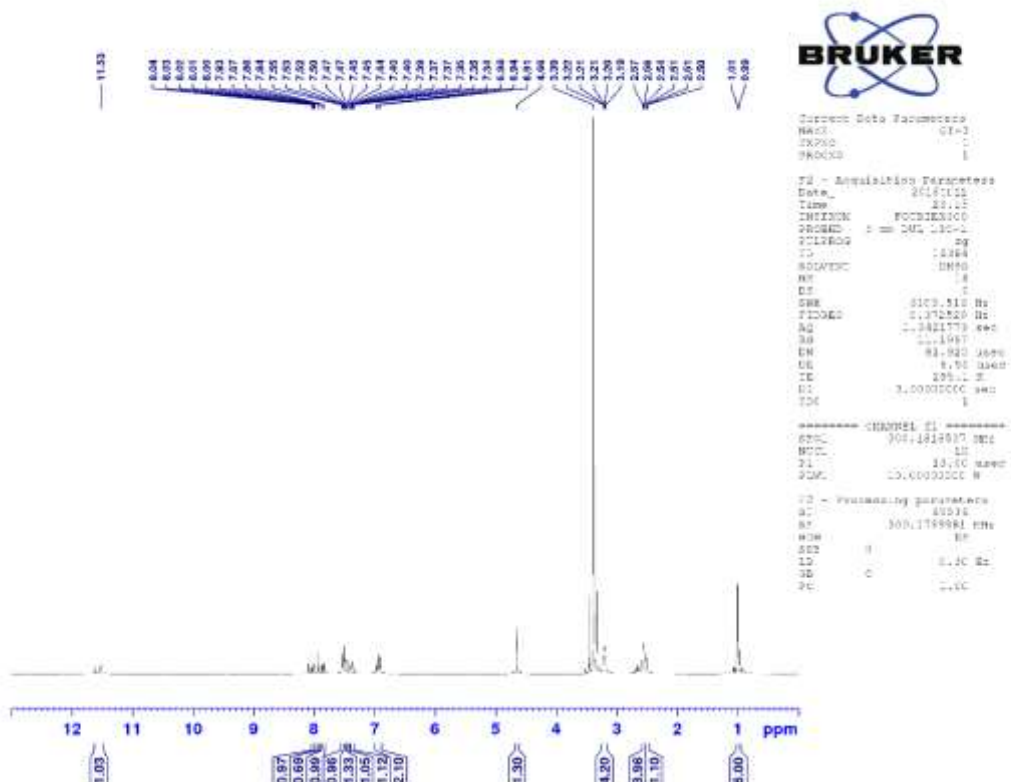C:\LabSolutions\Data\Analiz\derya\BT-Et_24.lcd
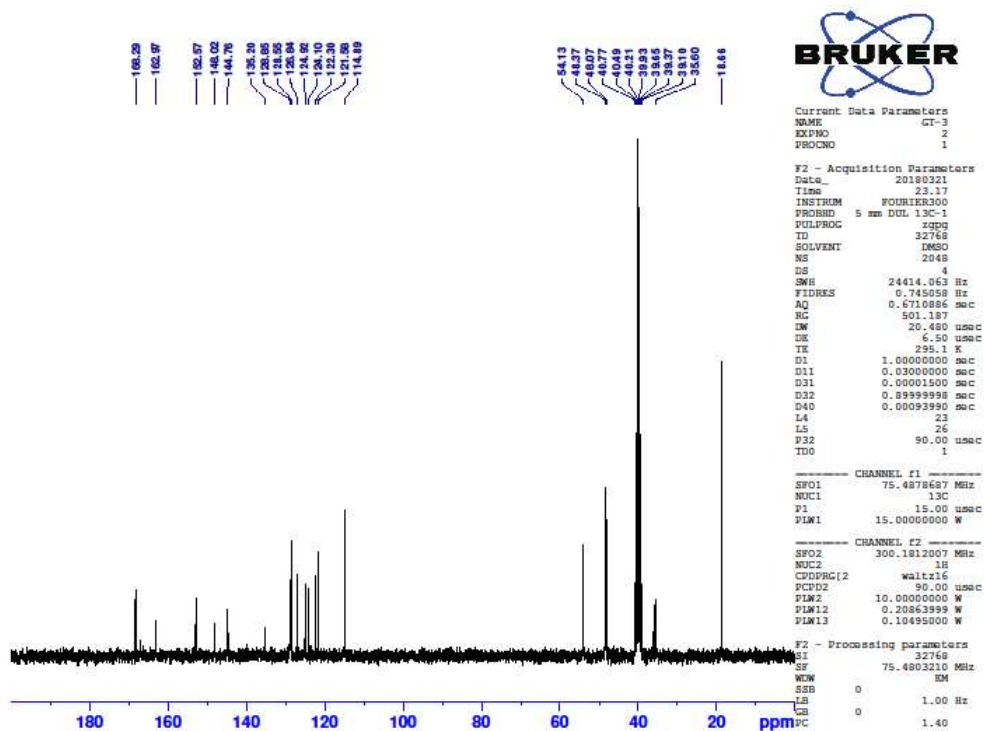
Spectra 24. LCMSMS spectra of compound **4f**

DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:32:11
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\BT-ISO1.ispd
Spectrum name	BT-ISO1
Sample name	BT-ISO
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

Spectra 25. IR spectra of compound **4g**

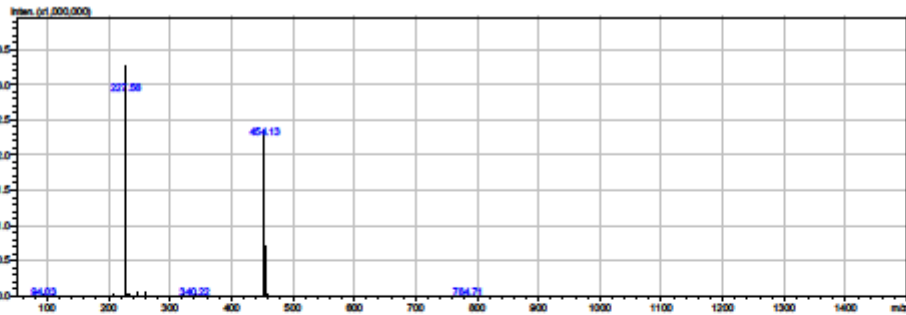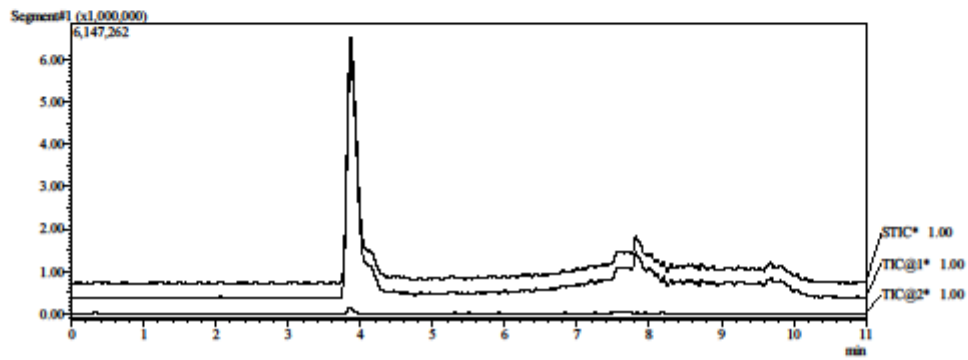**Spectra 26.** ¹H-NMR spectra of compound **4g**

Spectra 27. ¹³C-NMR spectra of compound **4g**

==== Shimadzu LCMSsolution Analysis Report ====

Acquired by : Admin
Sample Name : BT-Iso
Sample ID :
Vail # : 11
Injection Volume : 0.3 uL
Data File Name : BT-Iso_25.lcd
Method File Name : genel.lcm
Batch File Name : batch.lcb
Report File Name : DefaultLCMS.lcr
Data Acquired : 19.04.2018 14:01:56
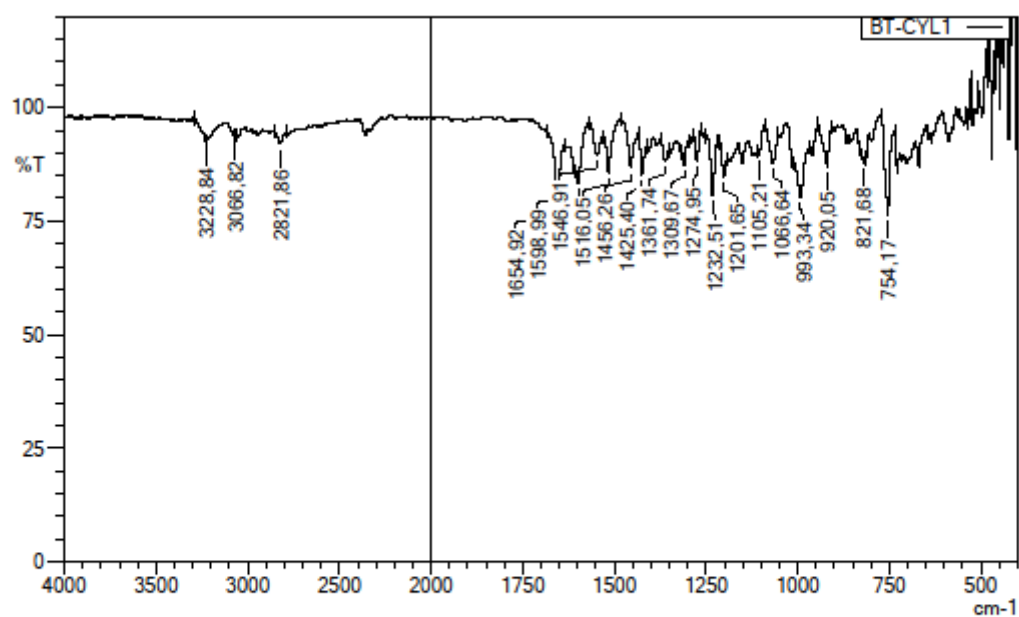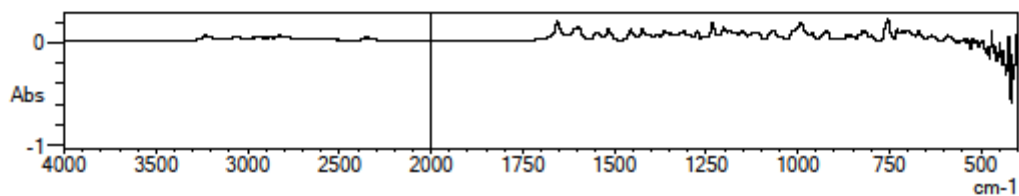Data Processed : 19.04.2018 14:12:58

<Chromatogram>

Spectra 28. LCMSMS spectra of compound **4g**
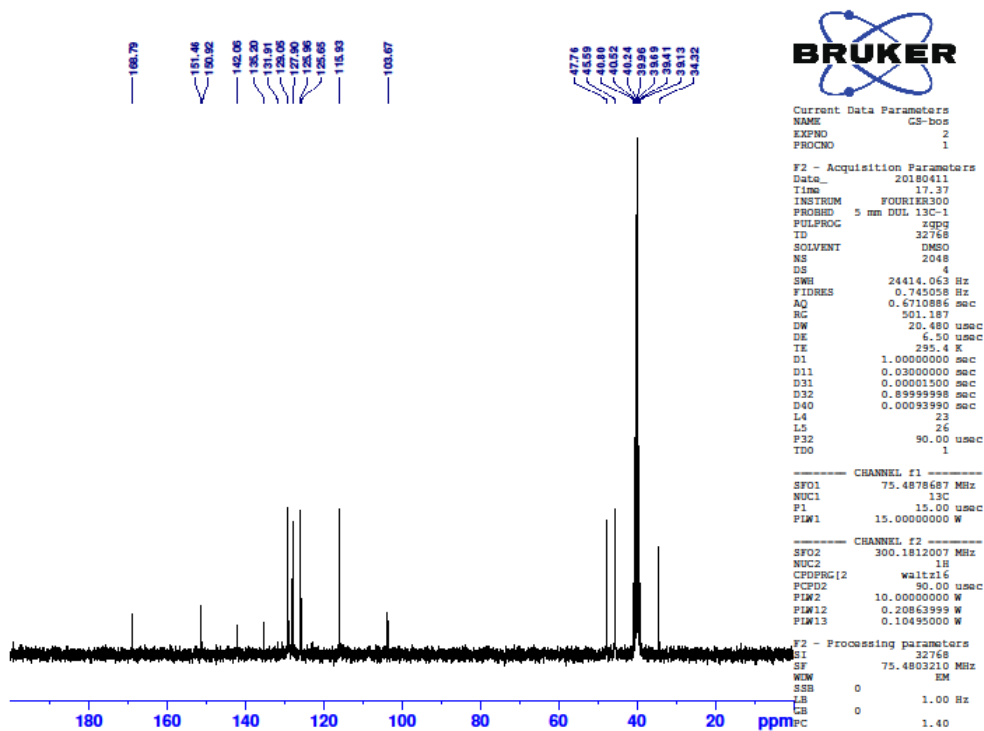
DOPNALAB

Item	Value
Acquired Date&Time	13.04.2018 15:34:55
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\GAMZE TOKGÖZ\BT-CYL1.ispd
Spectrum name	BT-CYL1
Sample name	BT-CYL
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

Spectra 29. IR spectra of compound **4h**
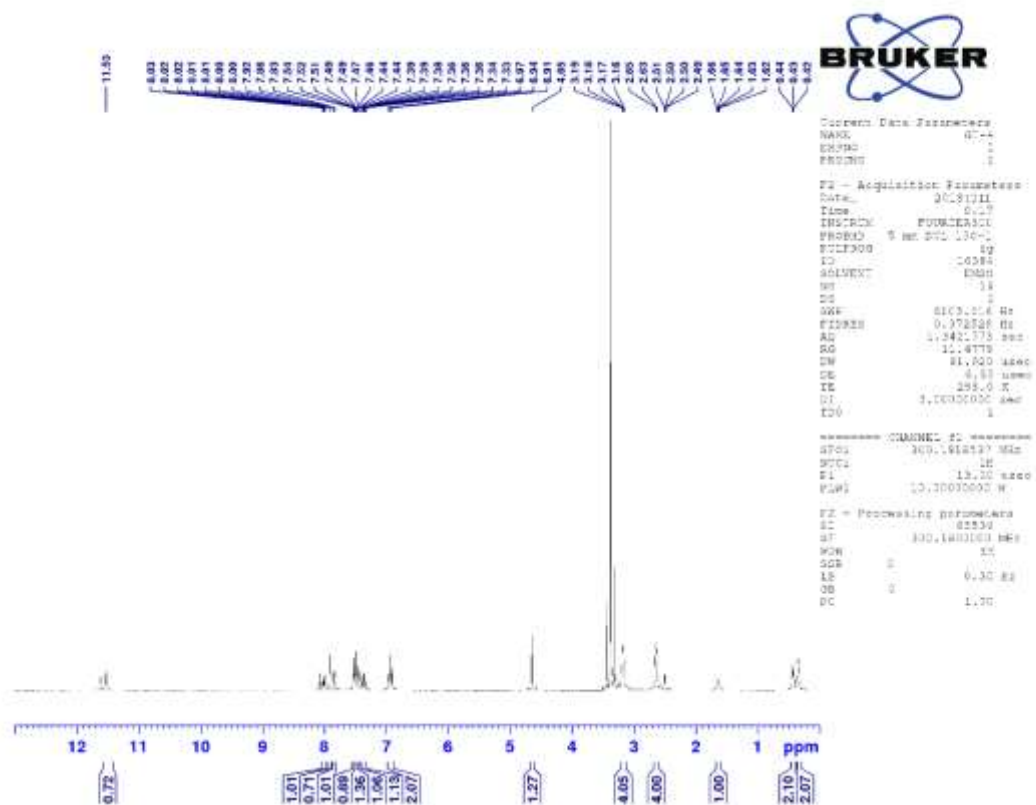
Spectra 30. ^{1}H-NMR spectra of compound **4h**

Spectra 31. ^{13}C-NMR spectra of compound **4h**

Acquired by   : Admin
Sample Name   : BT-56do
Sample ID   :
Vall #   : 9
Injection Volume   : 0.2 uL
Data File Name   : BT-56do_23.lcd
Method File Name   : genel.lem
Batch File Name   : batch.lcb
Report File Name   : Defeul.LCMS.lcr
Data Acquired   : 18.04.2018 13:36:51
Data Processed   : 18.04.2018 12:45:54

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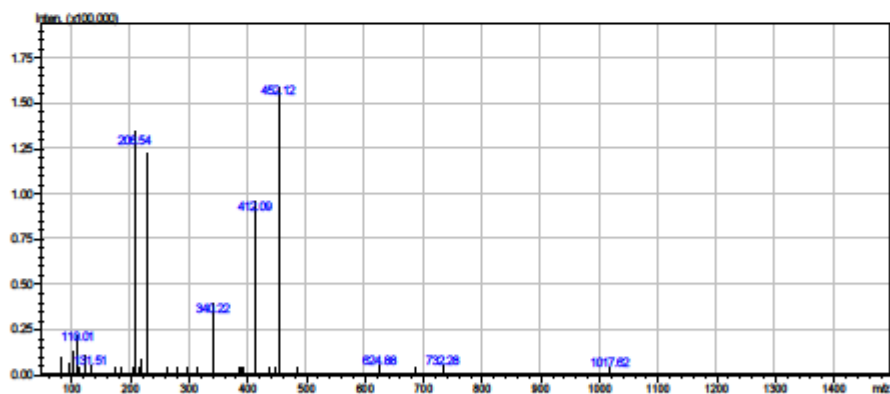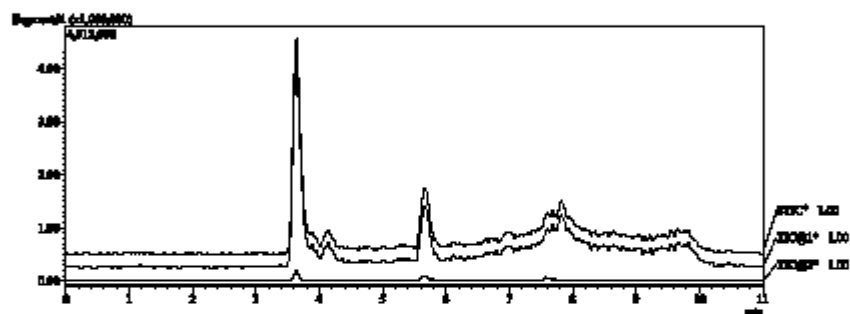
Spectra 32. LCMSMS spectra of compound **4h**