Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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# Novel 1,3,4-oxadiazole motifs bearing quinoline nucleus: synthesis, characterization and their biological evaluation for antimicrobial, antitubercular, antimalarial and cytotoxic activity

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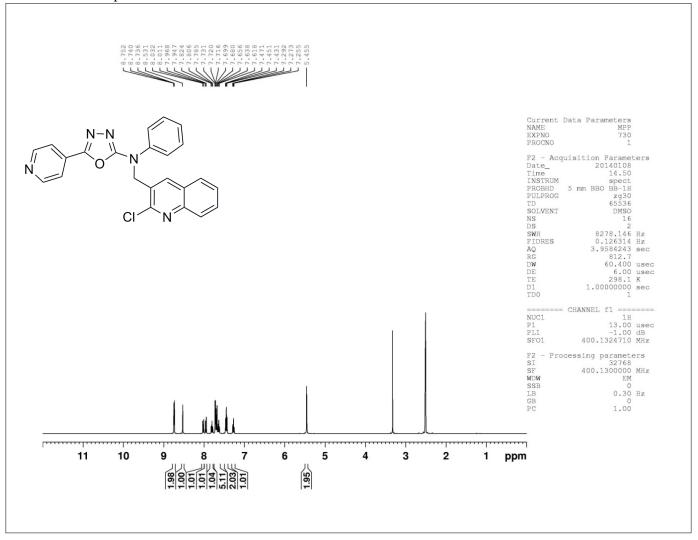
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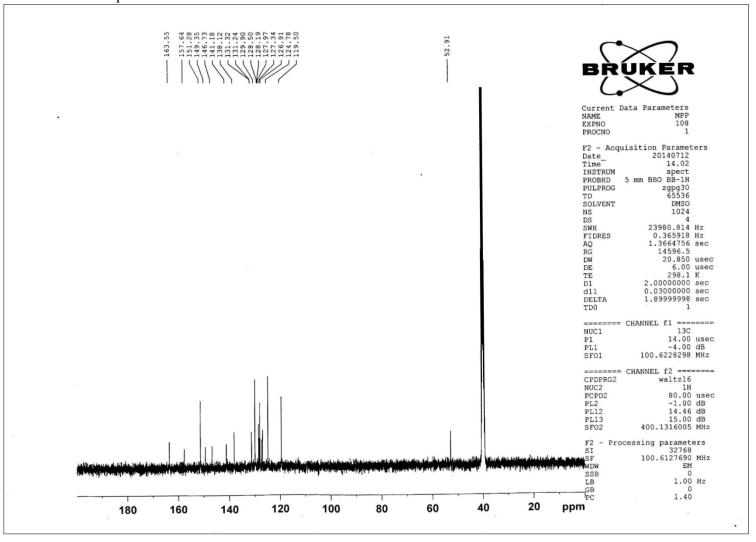
Tel.: +91 02692 226856; Ext.: 212

**Supplementary Data of 8a-l** 

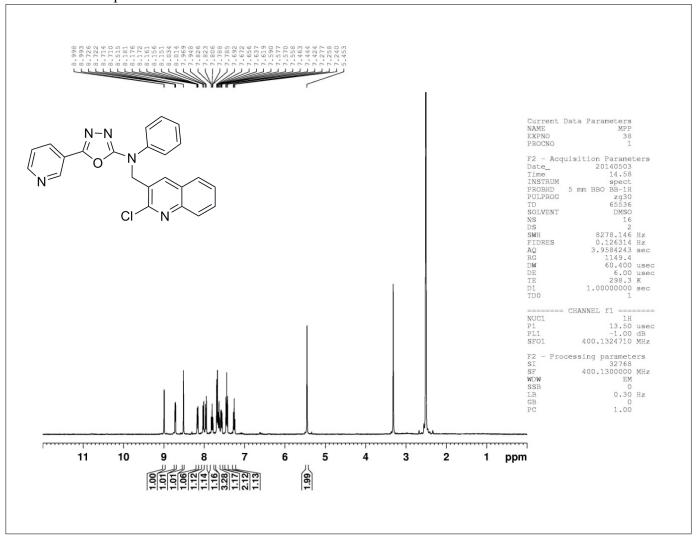
## <sup>1</sup>H NMR of Compound 8a:



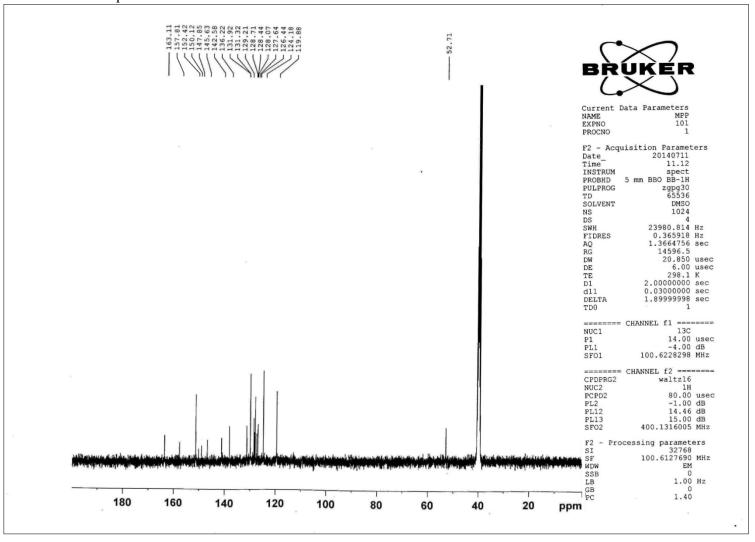
<sup>13</sup>C NMR of Compound 8a



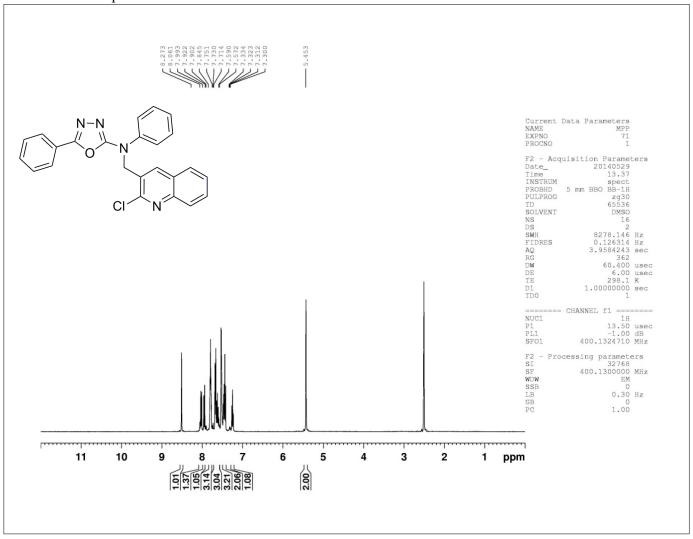
#### <sup>1</sup>H NMR of Compound 8b:



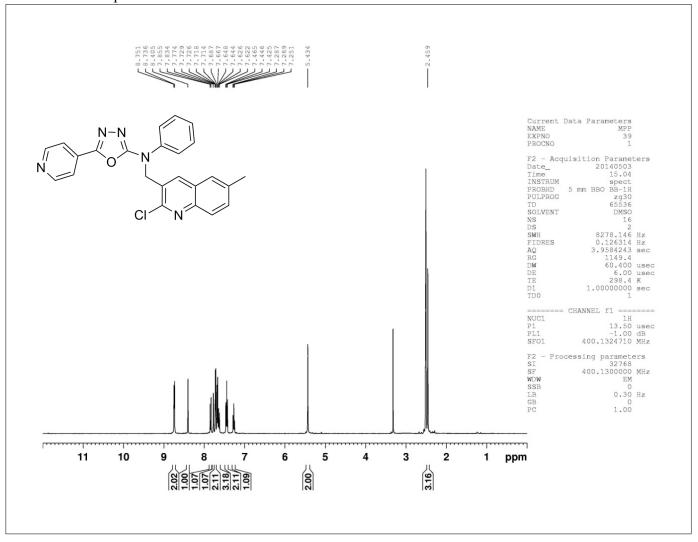
<sup>13</sup>C NMR of Compound 8b



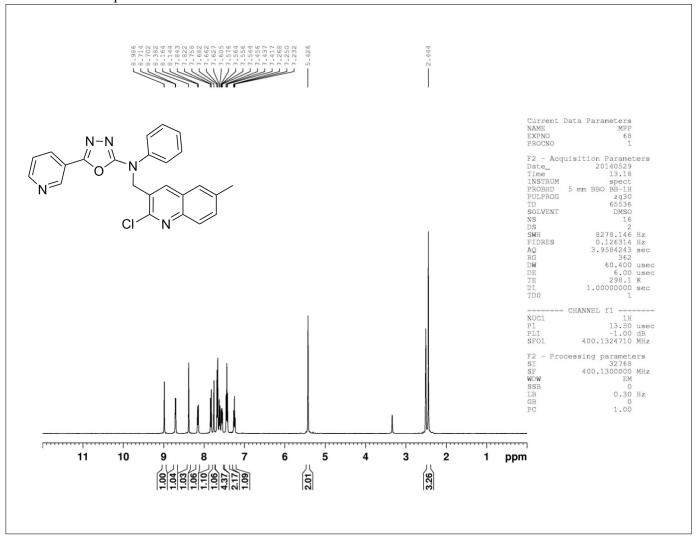
## <sup>1</sup>H NMR of Compound 8c:



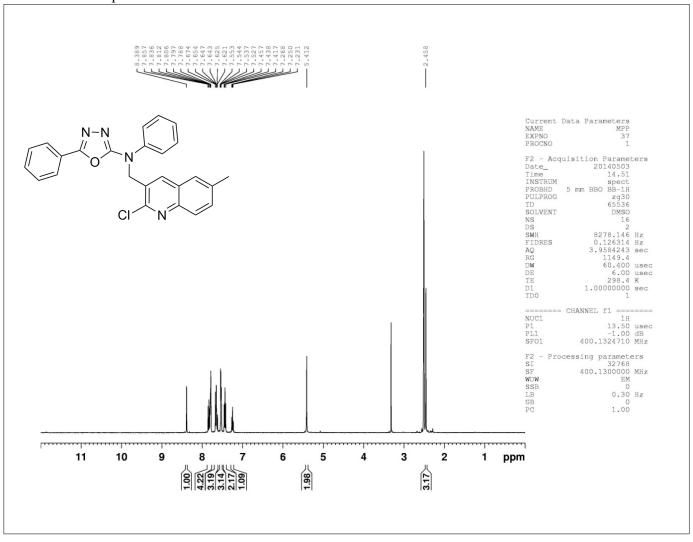
## <sup>1</sup>H NMR of Compound 8d:



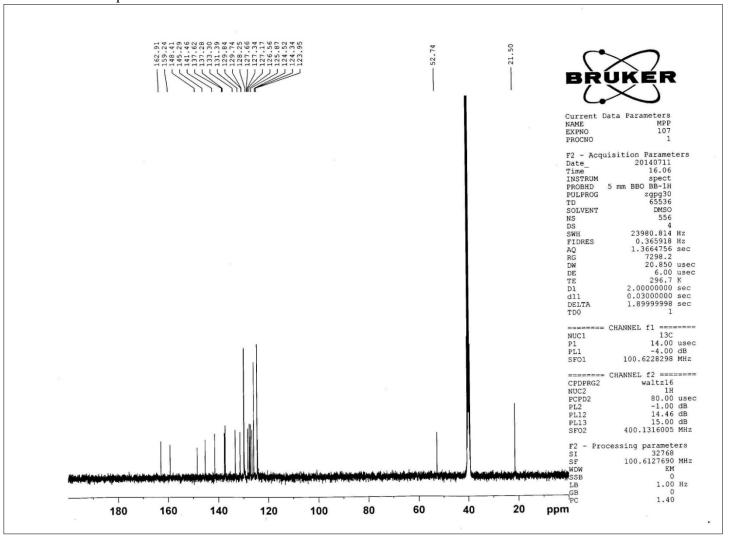
## <sup>1</sup>H NMR of Compound 8e:



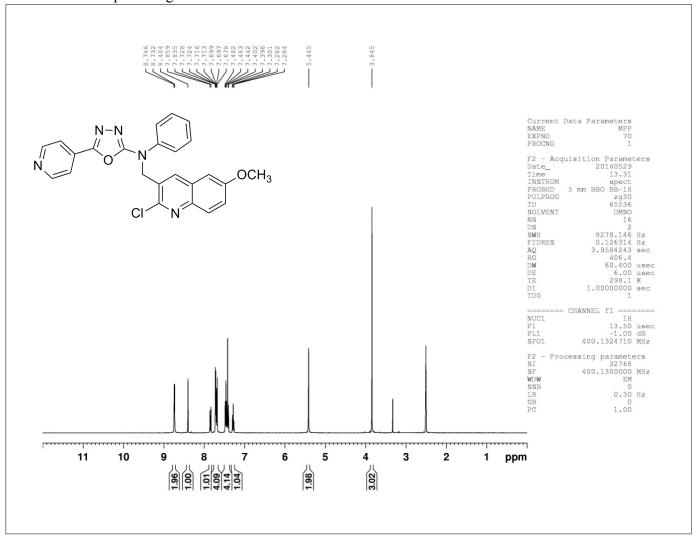
## <sup>1</sup>H NMR of Compound 8f:



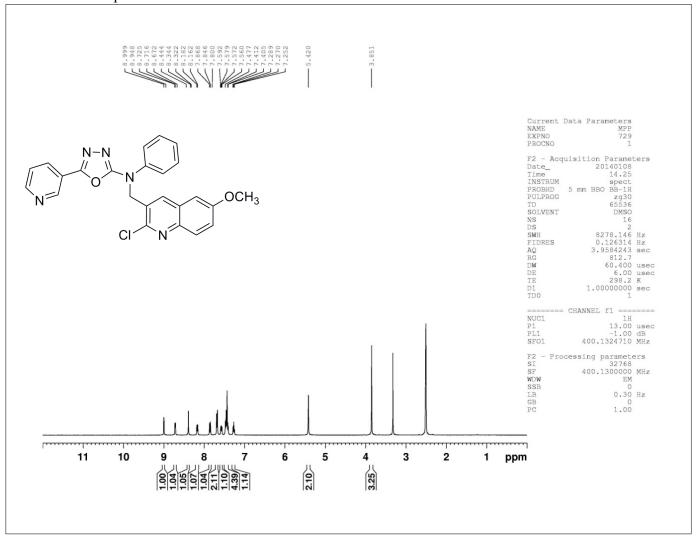
<sup>13</sup>C NMR of Compound 8f



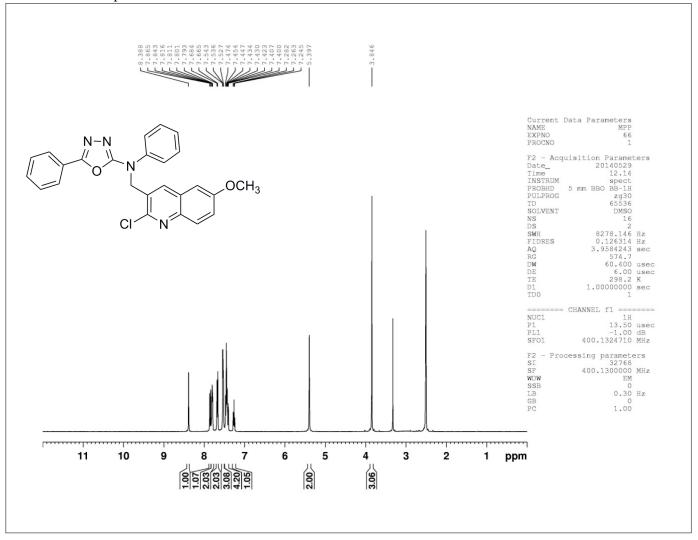
## <sup>1</sup>H NMR of Compound 8g:



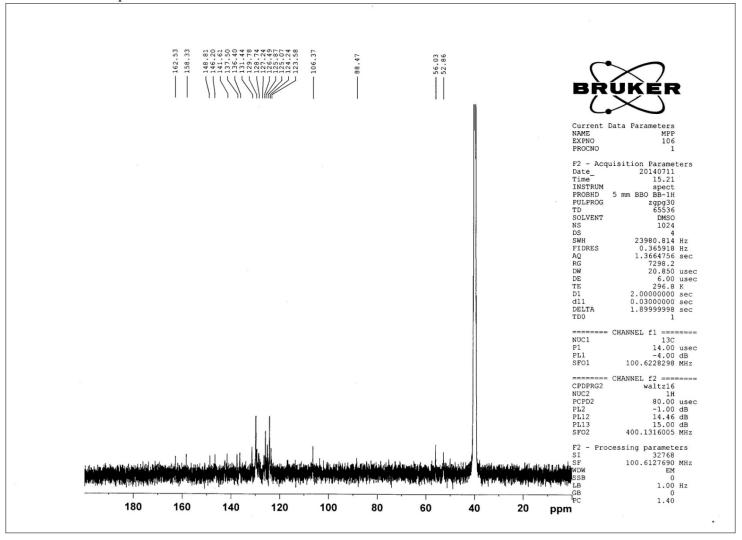
## <sup>1</sup>H NMR of Compound 8h:



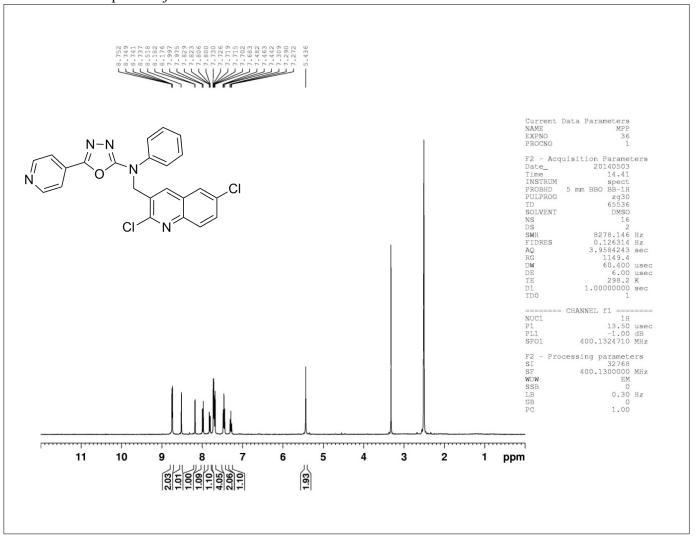
## <sup>1</sup>H NMR of Compound 8i:



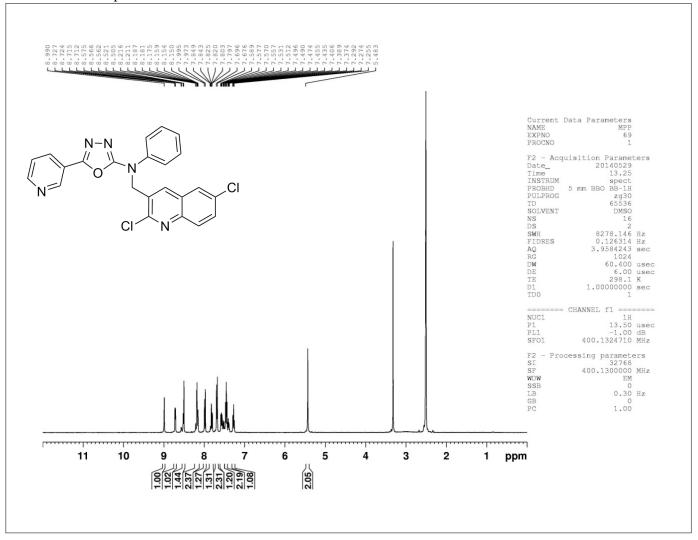
<sup>13</sup>C NMR of Compound 8i



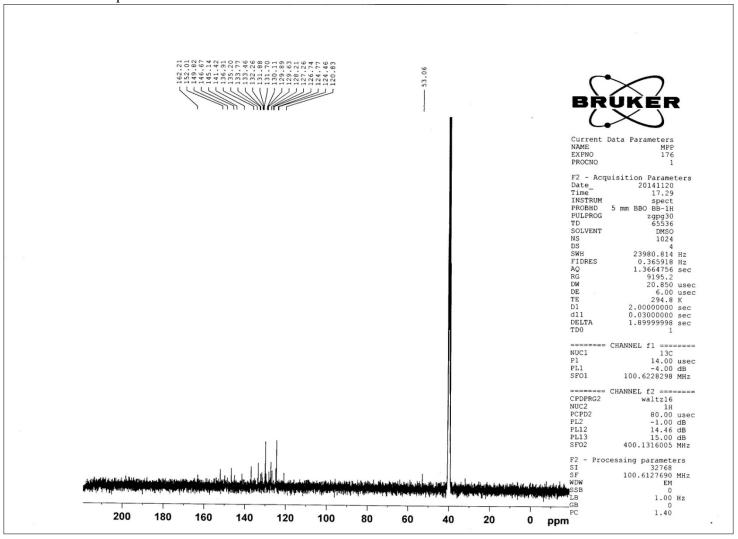
## <sup>1</sup>H NMR of Compound 8j:



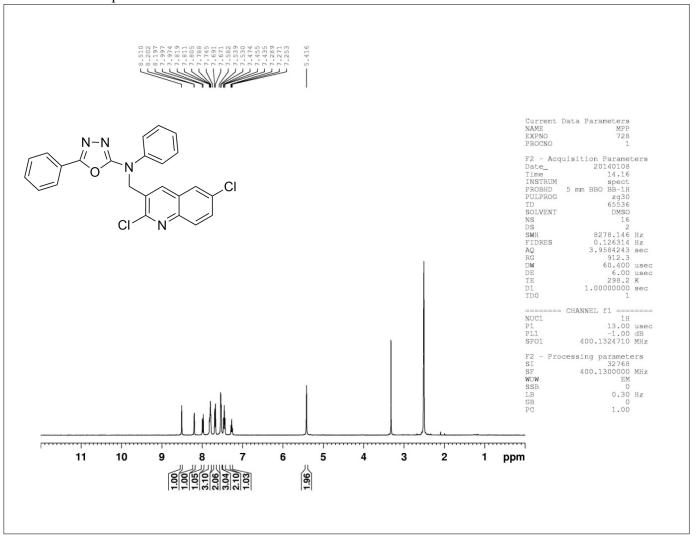
#### <sup>1</sup>H NMR of Compound 8k:



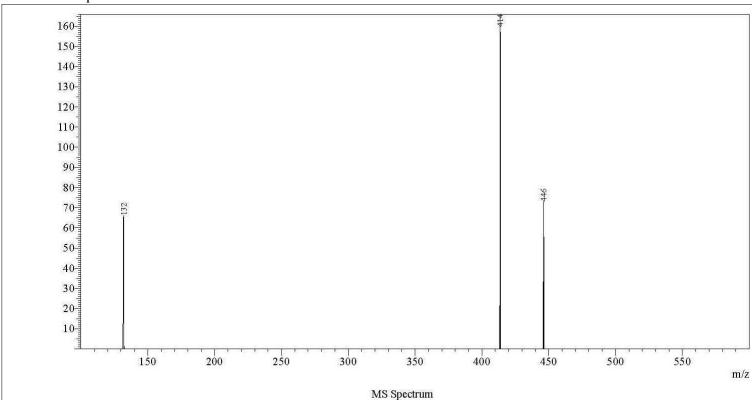
<sup>13</sup>C NMR of Compound 8k



## <sup>1</sup>H NMR of Compound 81:



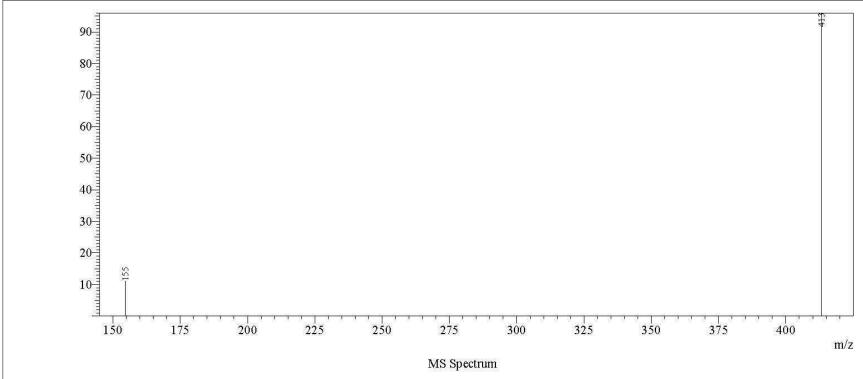
## Mass of Compound 8a



Line#:1 R.Time:----(Scan#:----)
MassPeaks:3
Spectrum Mode: Averaged 1.000-1.233(61-75) Base Peak:414(166)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 413.85

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	131.90	66	39.76
2	413.70	166	100.00
3	446.20	73	43.98

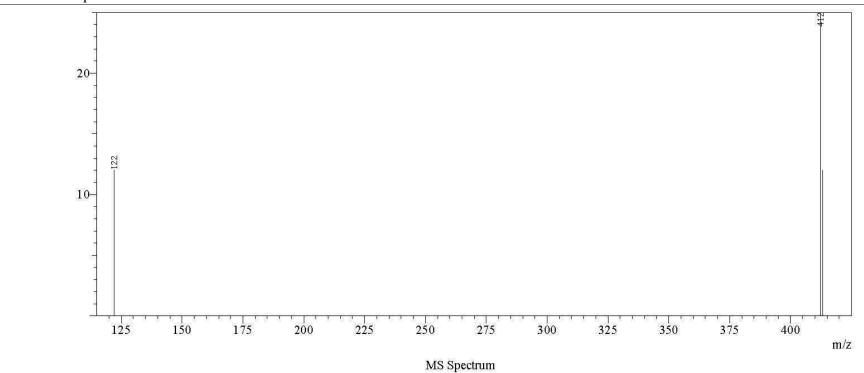
#### Mass of Compound 8b



Line#:1 R.Time:----(Scan#:----)
MassPeaks:2
Spectrum Mode:Averaged 0.483-0.767(30-47) Base Peak:413(96)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 413.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
la l	154.60	11	11.46
2	413.20	96	100.00

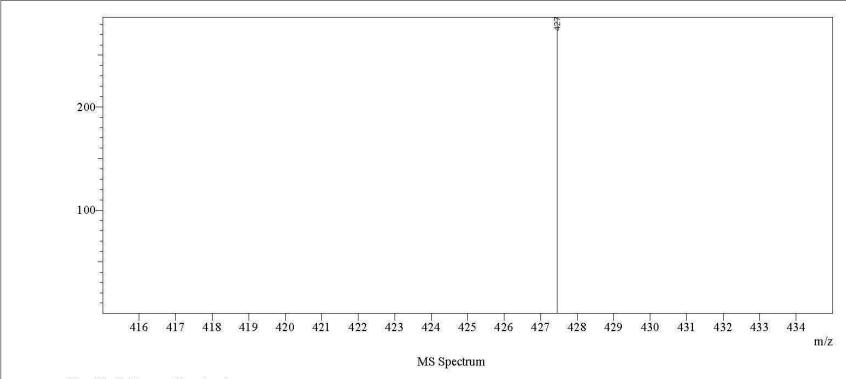
## Mass of Compound 8c



Line#:1 R.Time:----(Scan#:----)
MassPeaks:3
Spectrum Mode:Averaged 0.300-1.600(19-97) Base Peak:412(25)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 412.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	122.10	12	48.00
2	412.30	25	100.00
3	413.30	12	48.00

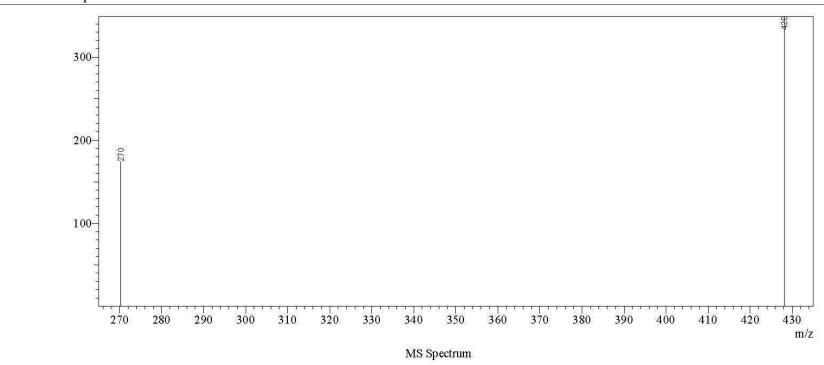
#### Mass of Compound 8d



Line#:1 R.Time:----(Scan#:----)
MassPeaks:1
Spectrum Mode:Averaged 0.450-1.017(28-62) Base Peak:427(291)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 427.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	427.45	287	100.00

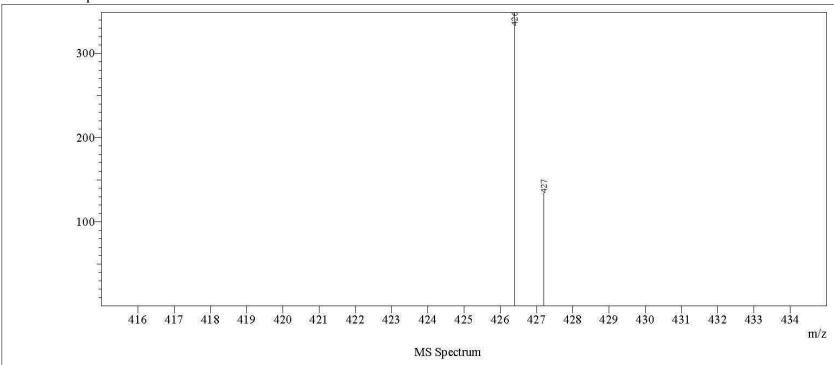
#### Mass of Compound 8e



Line#:1 R.Time:----(Scan#:----)
MassPeaks:2
Spectrum Mode: Averaged 1.350-1.500(82-91) Base Peak:428(349)
BG Mode: None Segment 1 - Event 1
Precursor Ion Scan:m/z 427.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	270.20	174	49.86
2	428.10	349	100.00

#### Mass of Compound 8f

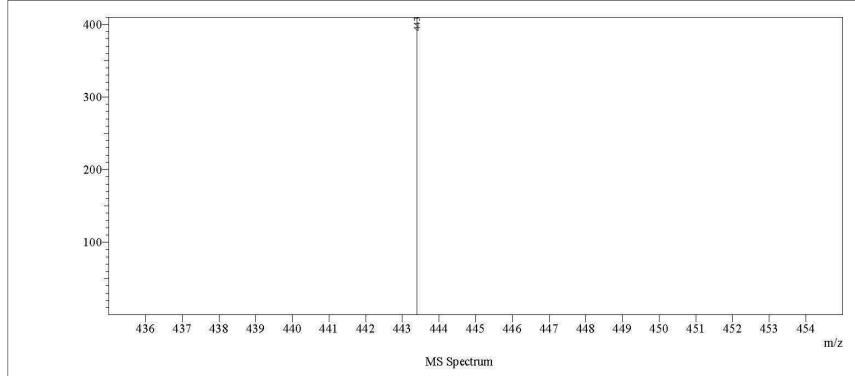


Line#:1 R.Time:----(Scan#:----) MassPeaks:2

Spectrum Mode: Averaged 0.183-0.383(12-24) Base Peak: 426(349) BG Mode: None Segment 1 - Event 1
Precursor Ion Scan: m/z 426.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
da	426.40	349	100.00
2	427.20	134	38.40

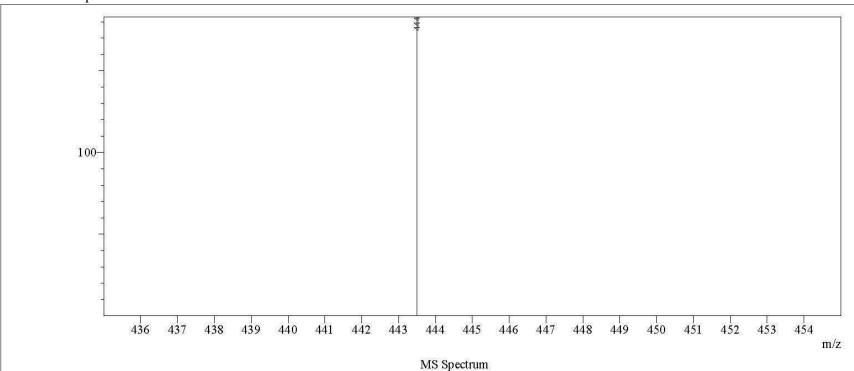
#### Mass of Compound 8g



Line#:1 R.Time:----(Scan#:----)
MassPeaks:1
Spectrum Mode: Averaged 0.067-0.183(5-12) Base Peak:443(427)
BG Mode: None Segment 1 - Event 1
Precursor Ion Scan:m/z 443.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1.	443.40	410	100.00

#### Mass of Compound 8h

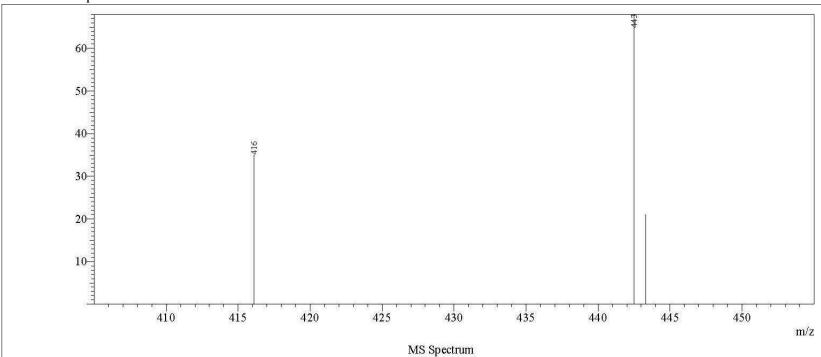


Line#:1 R.Time:----(Scan#:----)
MassPeaks:1

Spectrum Mode: Averaged 1.350-1.500(82-91) Base Peak: 444(183) BG Mode: None Segment 1 - Event 1
Precursor Ion Scan:m/z 443.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	443.50	183	100.00

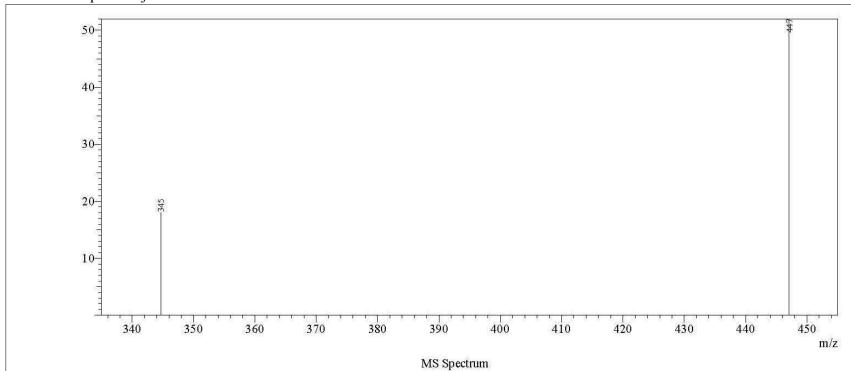
#### Mass of Compound 8i



Line#:1 R.Time:----(Scan#:----)
MassPeaks:3
Spectrum Mode: Averaged 0.333-1.967(21-119) Base Peak:443(68)
BG Mode: None Segment 1 - Event 1
Precursor Ion Scan:m/z 442.50

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	416.10	35	51.47
2	442.50	68	100.00
3	443.30	21	30.88

## Mass of Compound 8j

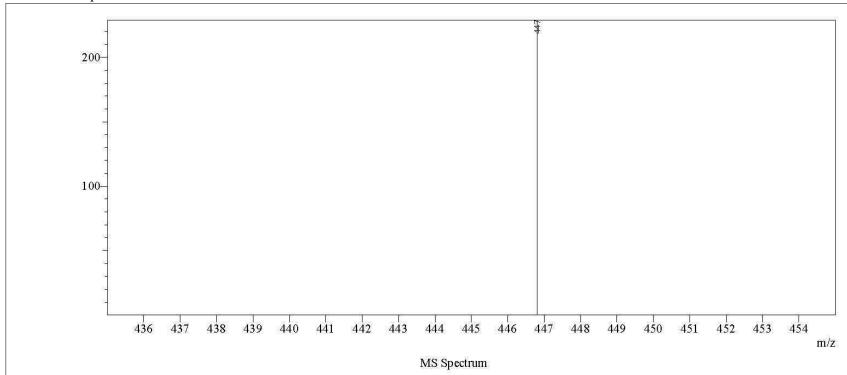


Line#:1 R.Time:---(Scan#:----)
MassPeaks:2

Spectrum Mode: Averaged 0.267-1.933(17-117) Base Peak: 447(52) BG Mode: None Segment 1 - Event 1 Precursor Ion Scan: m/z 447.00

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	344.70	18	34.62
2	447.10	52	100.00

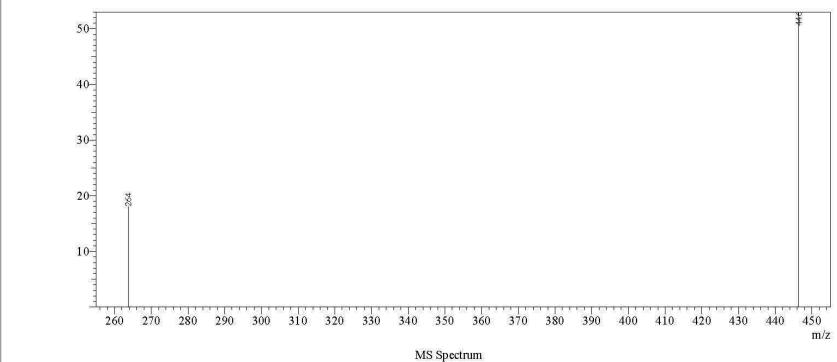
#### Mass of Compound 8k



Line#:1 R.Time:----(Scan#:----)
MassPeaks:1
Spectrum Mode: Averaged 1.833-1.950(111-118) Base Peak:447(229)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 447.00

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	446.80	229	100.00

#### Mass of Compound 81



Line#:1 R.Time:----(Scan#:----)
MassPeaks:2
Spectrum Mode:Averaged 0.167-1.000(11-61) Base Peak:446(53)
BG Mode:None Segment 1 - Event 1
Precursor Ion Scan:m/z 446.00

Sr. No.	m/z	Absolute Intensity	Relative Intensity
1	263.70	18	33.96
2	446.40	53	100.00