

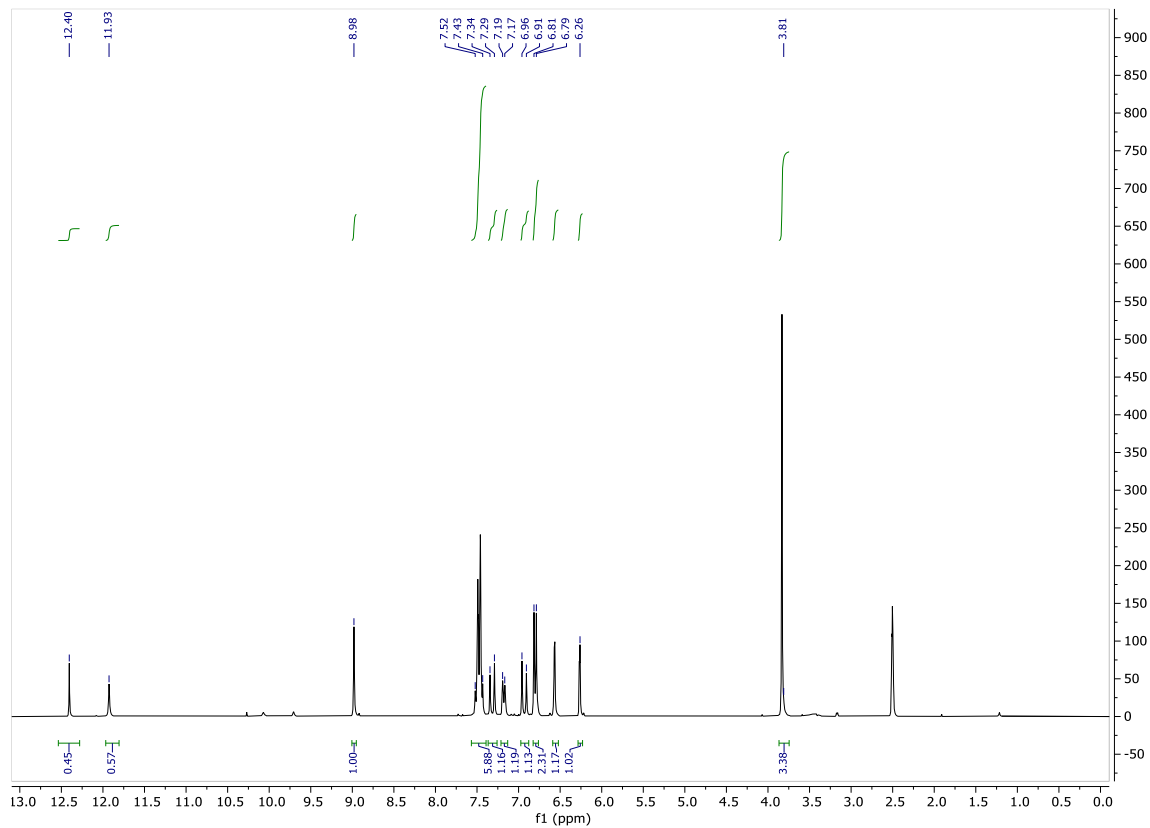
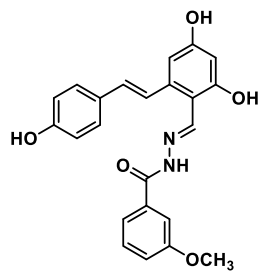
Supplementary Data

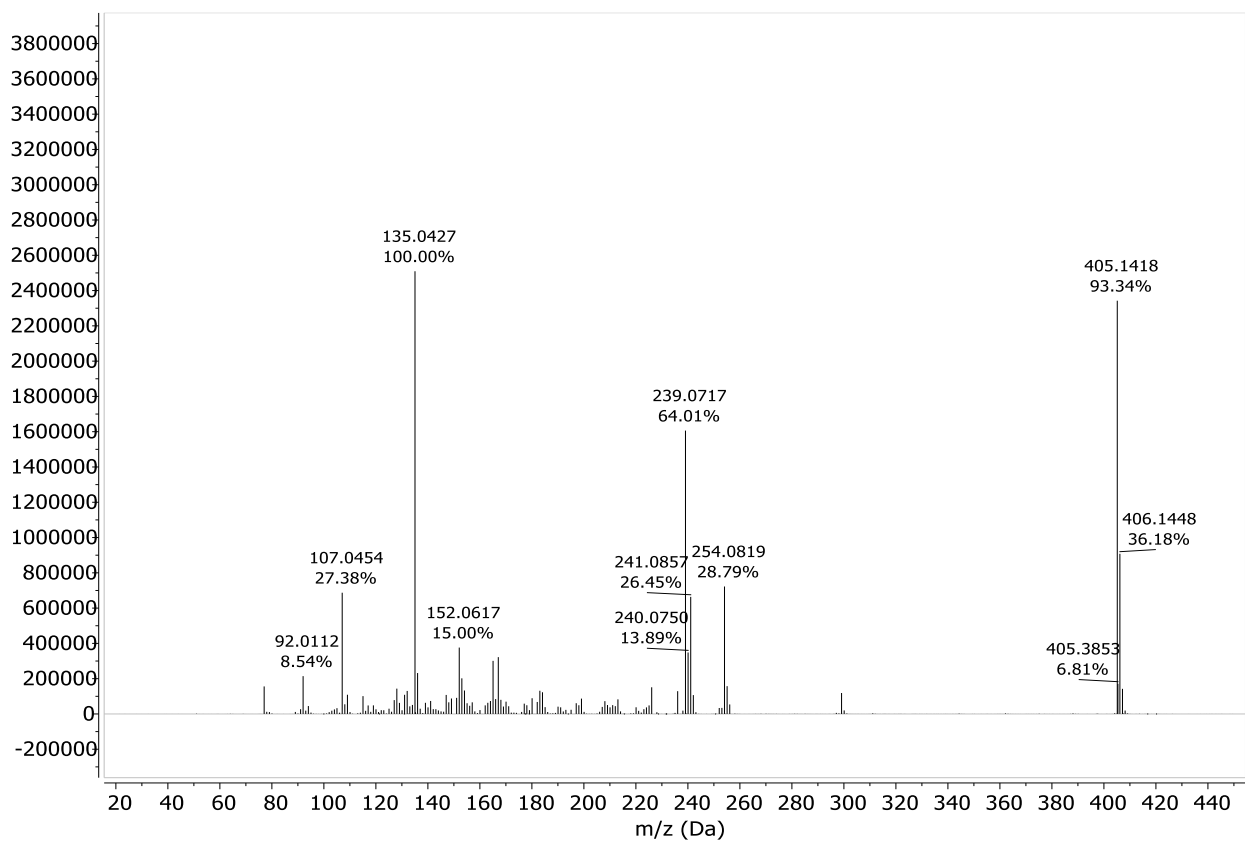
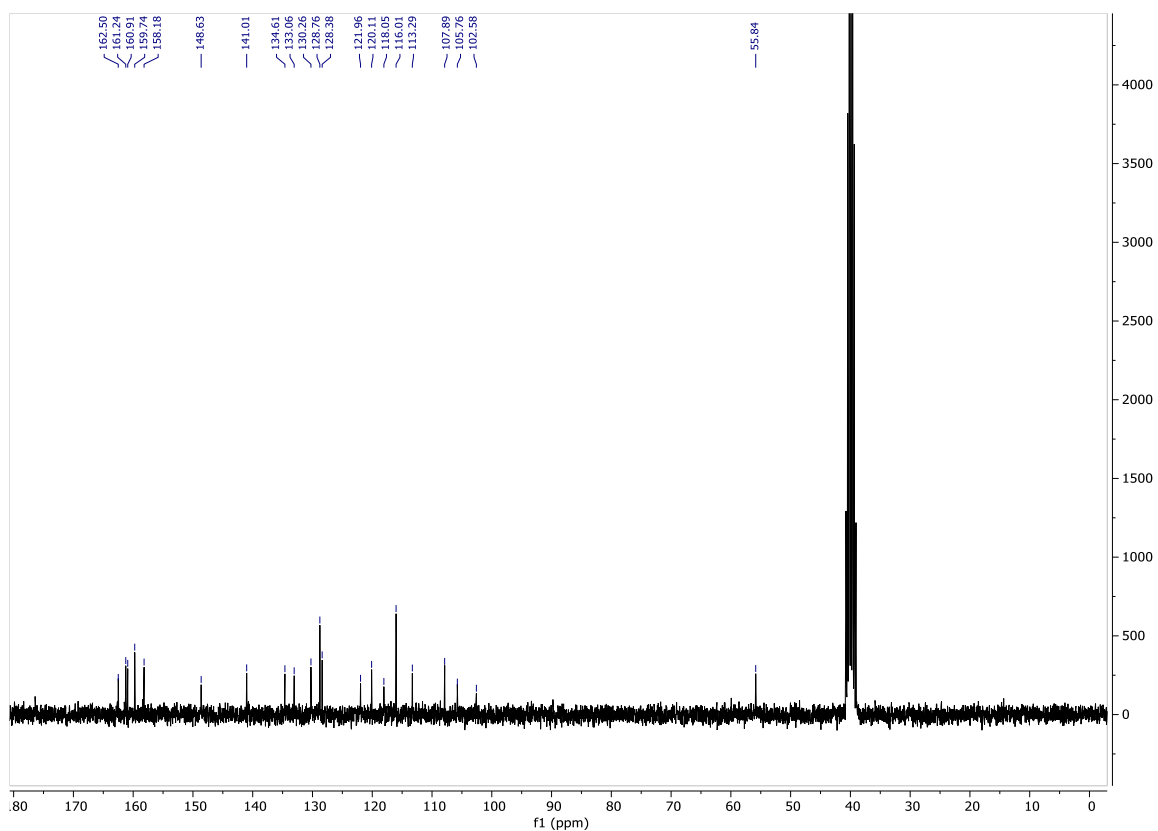
Resveratrol/hydrazone Hybrids: Synthesis and Chemopreventive Activity against Colorectal Cancer Cells

| | |
|--|-----------|
| ¹ H, ¹³ C NMR and MS spectra | S1 |
| HPLC analysis | S2 |

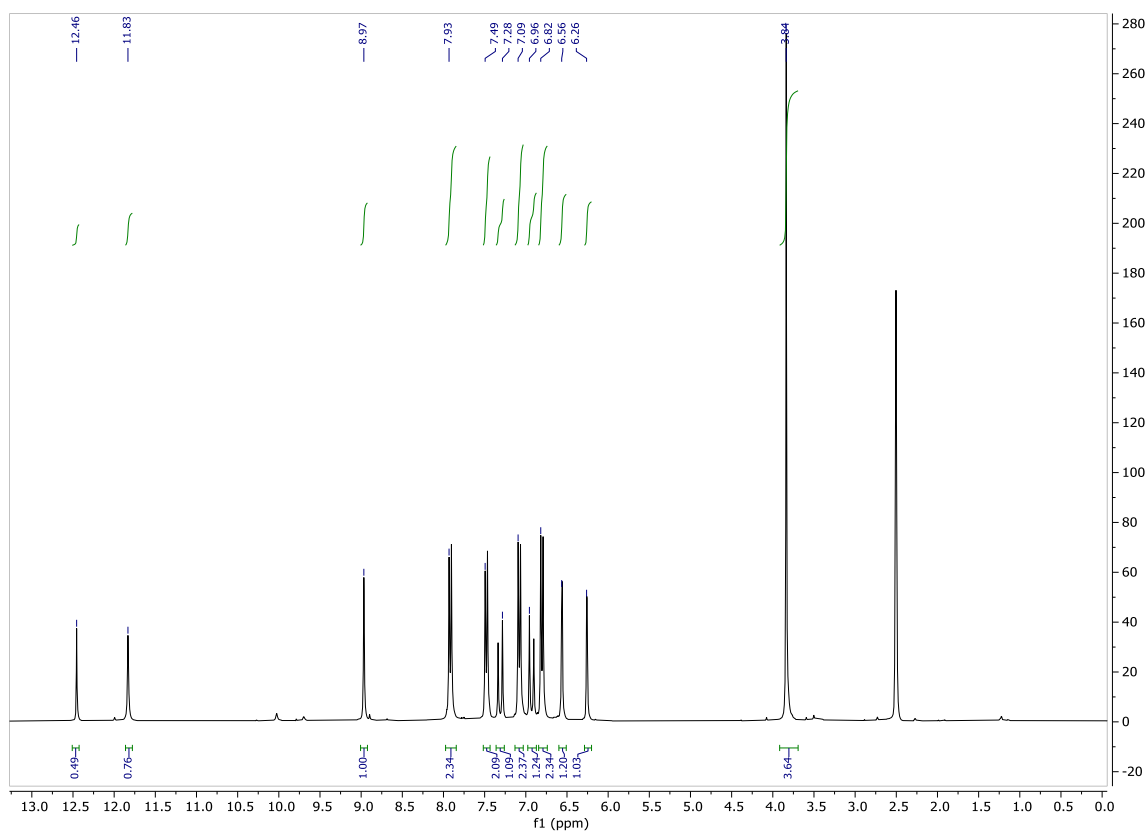
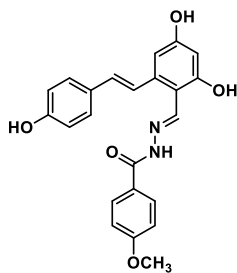
S1. ^1H , ^{13}C NMR and MS spectra

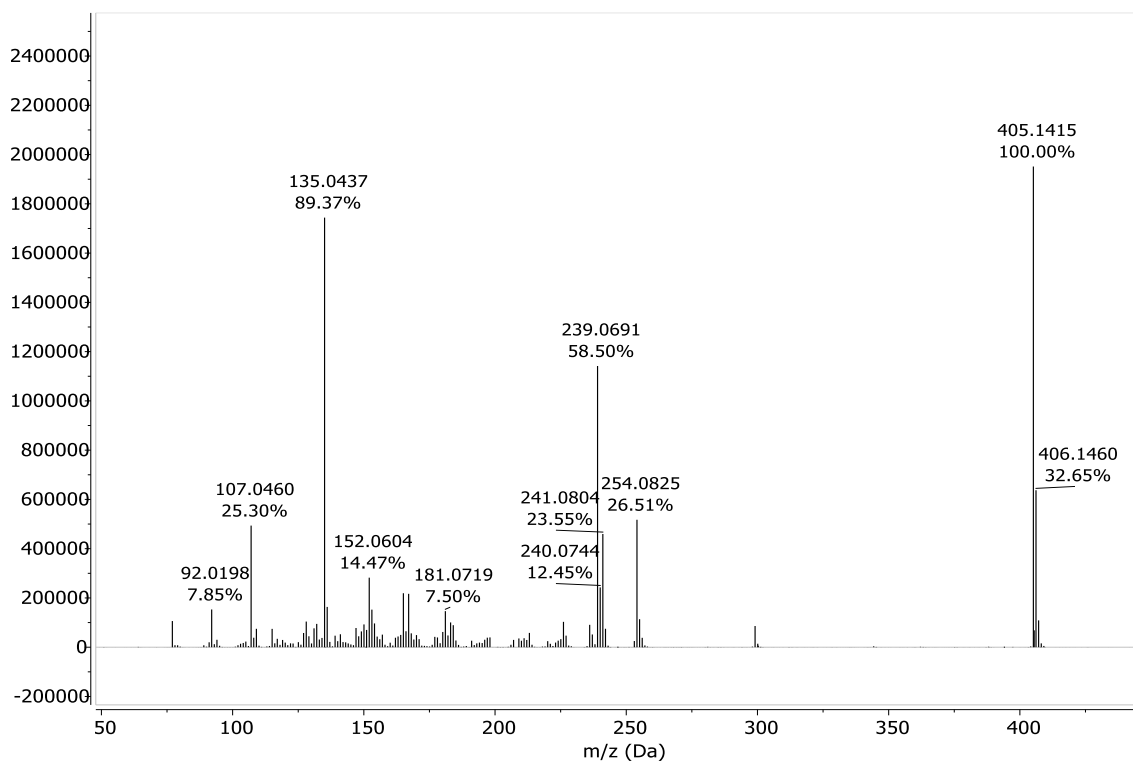
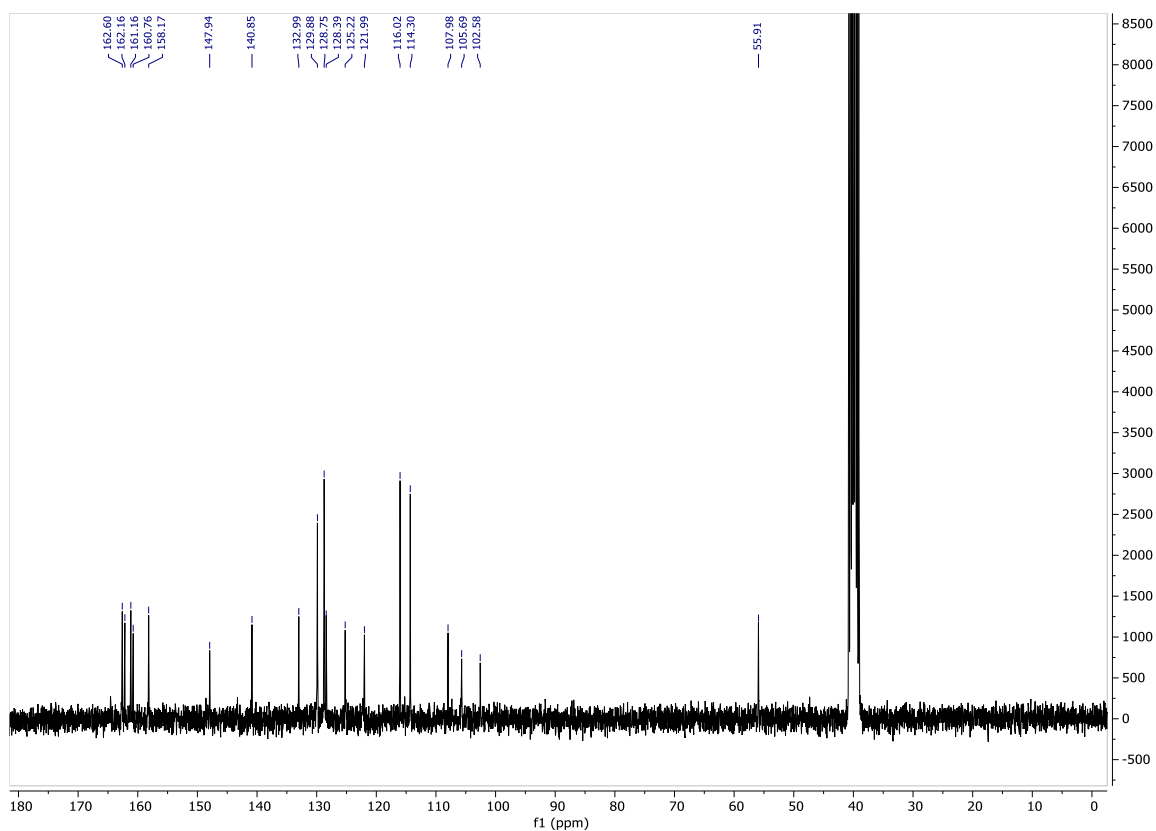
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-3-methoxybenzohydrazide (**6a**)



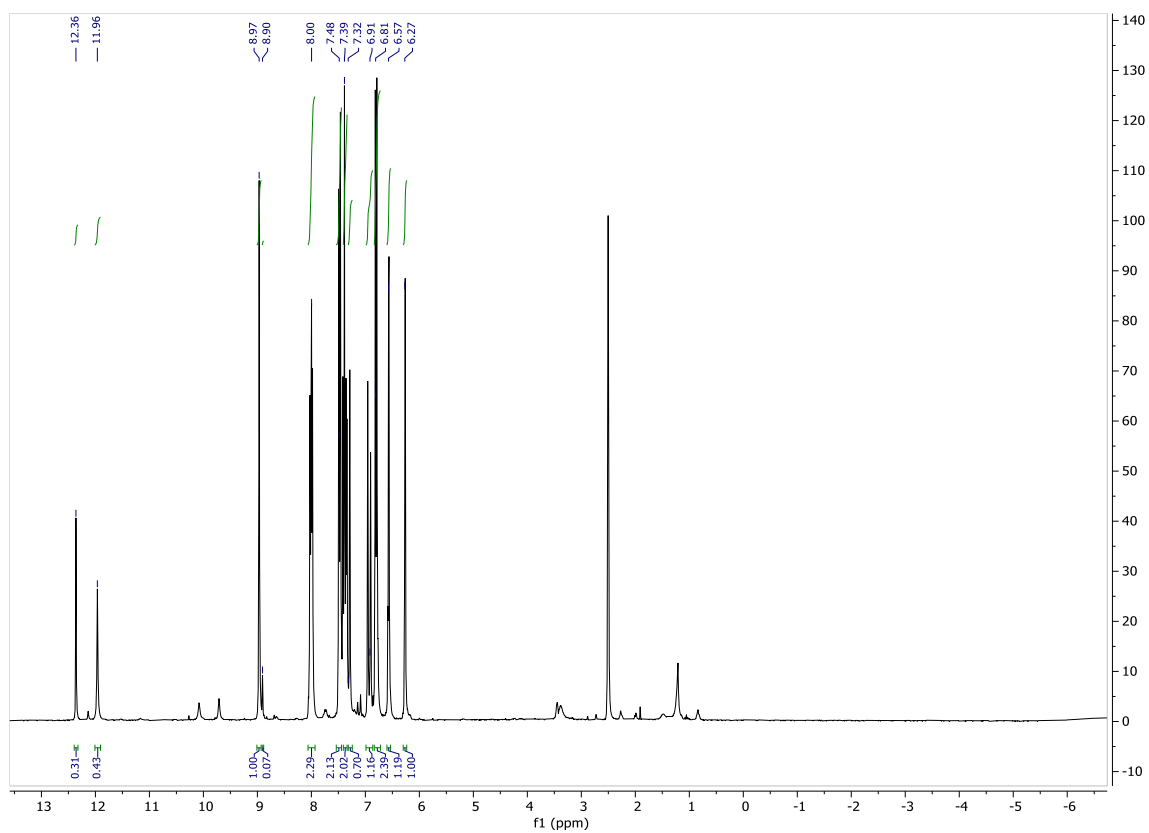
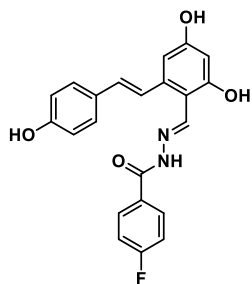


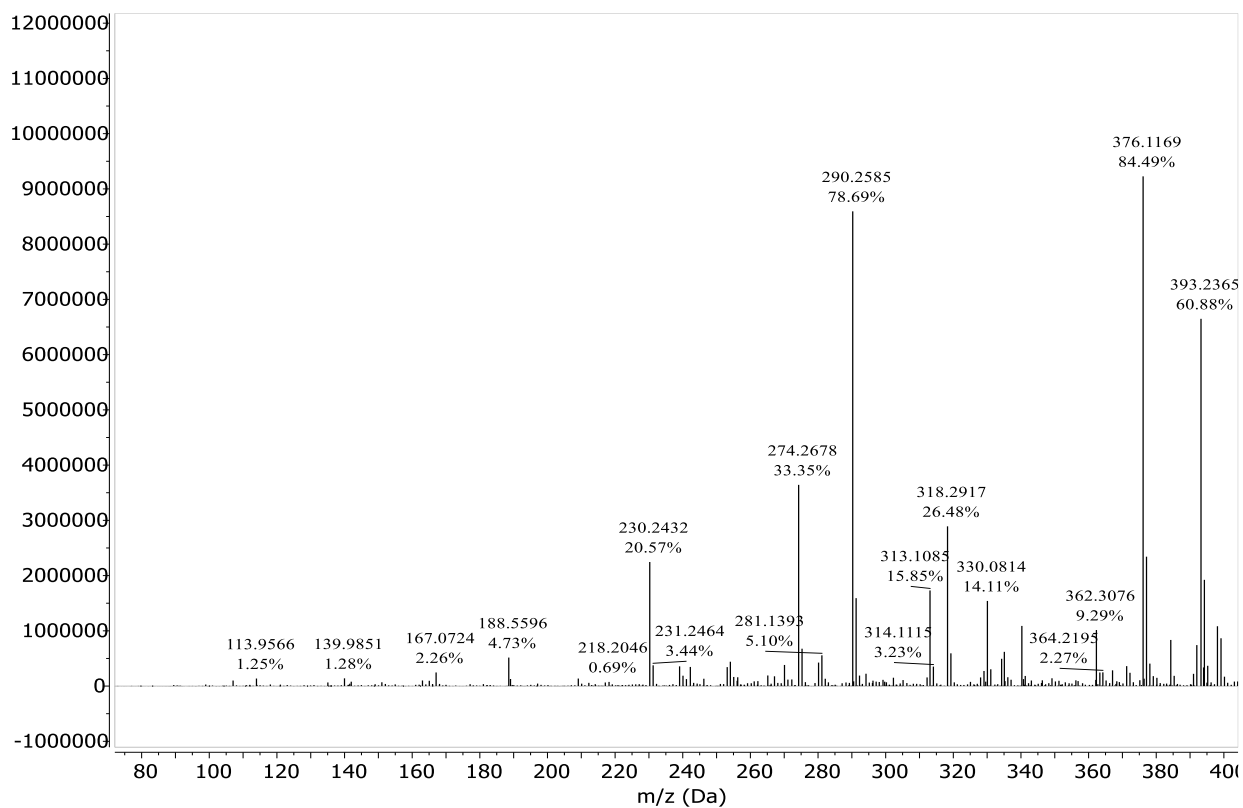
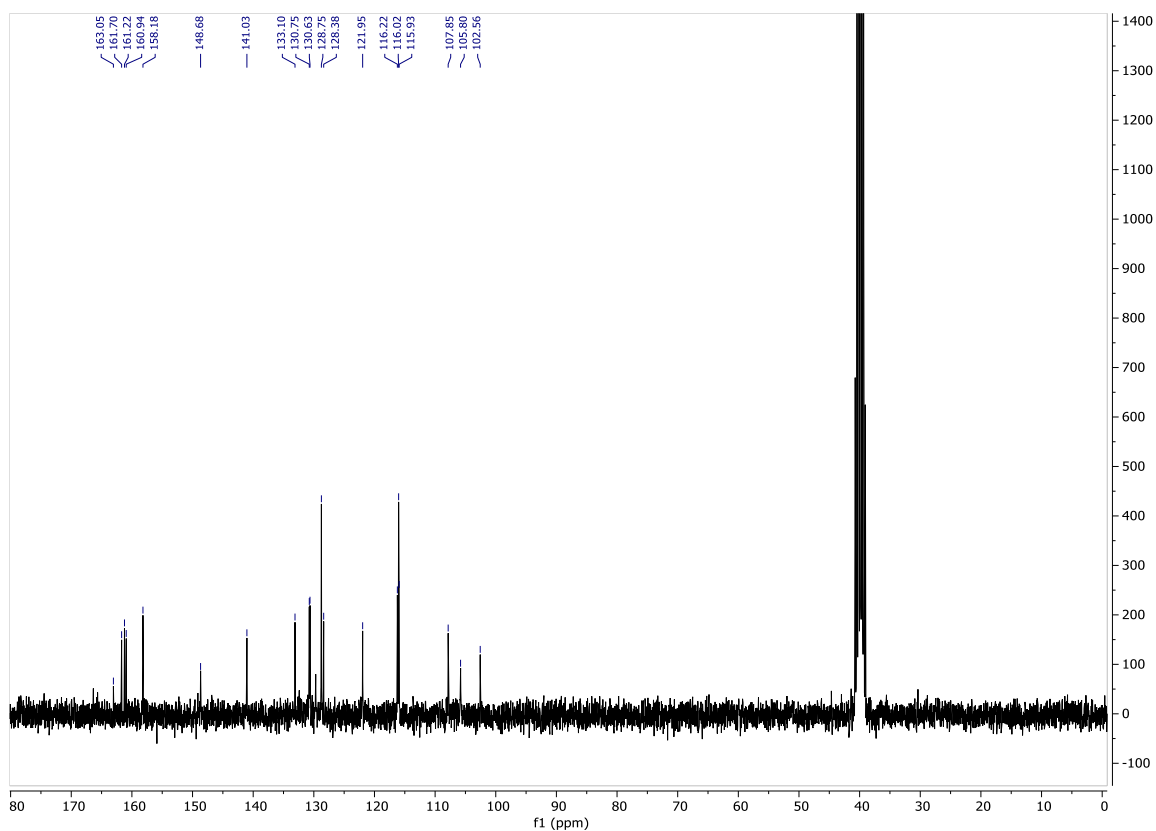
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-4-methoxybenzohydrazide (**6b**)



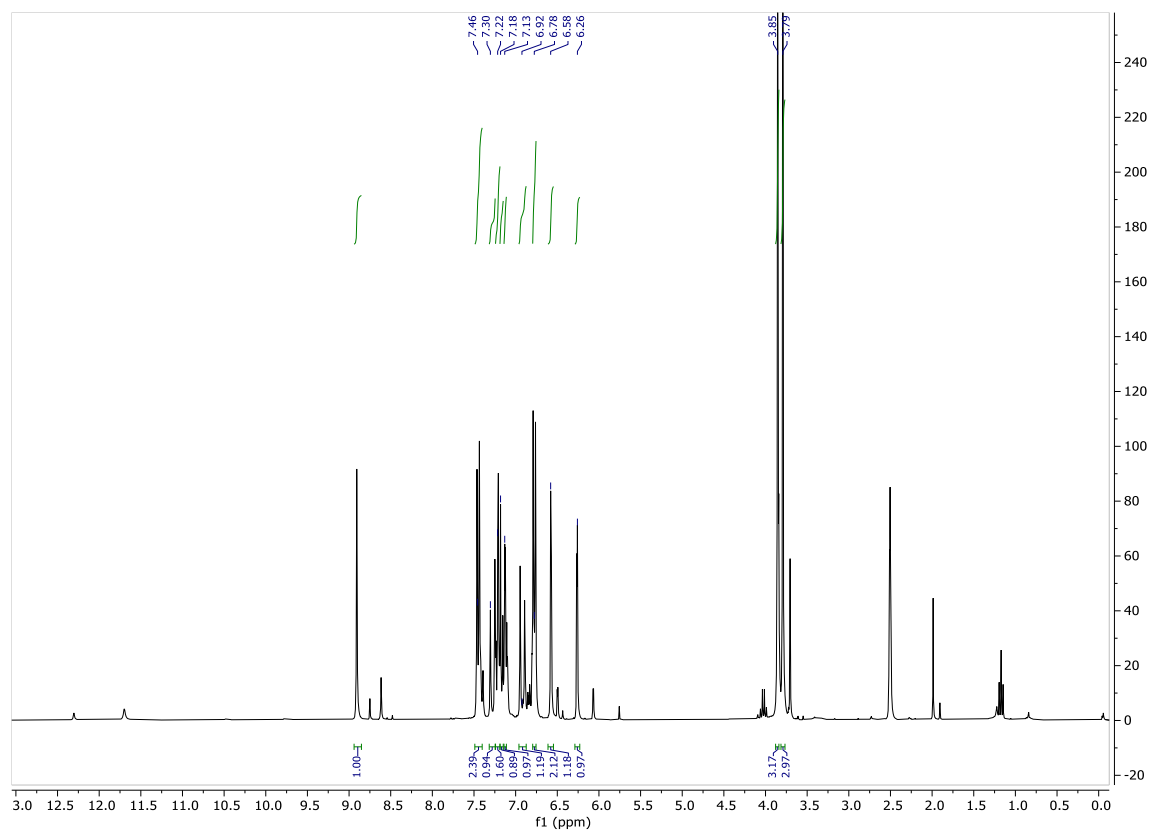
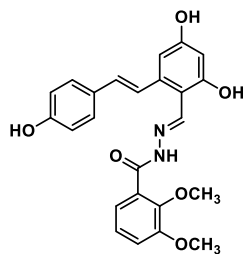


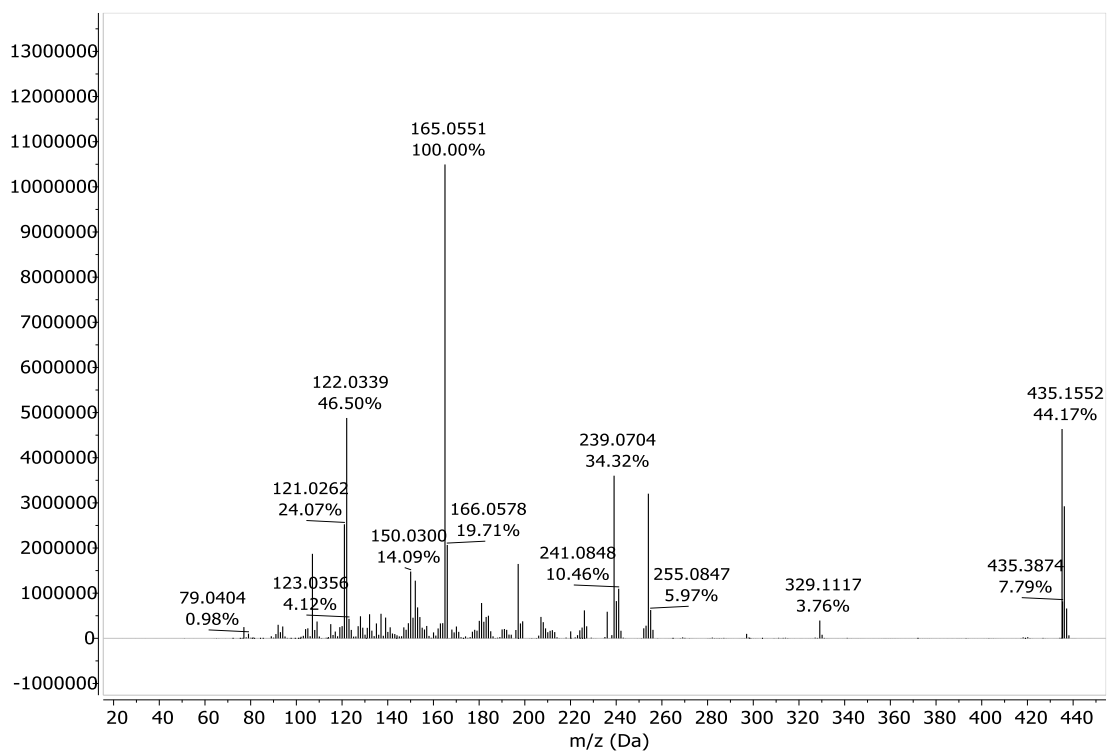
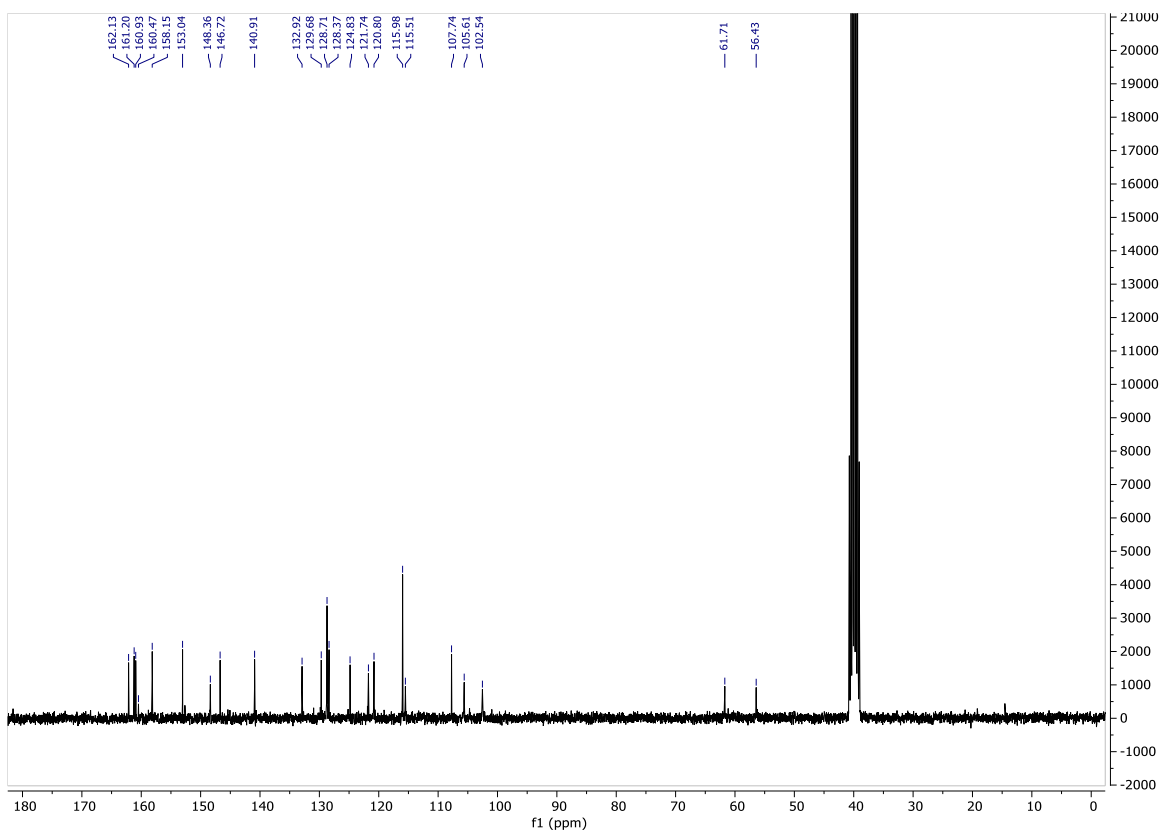
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-4-fluorobenzohydrazide (**6c**)



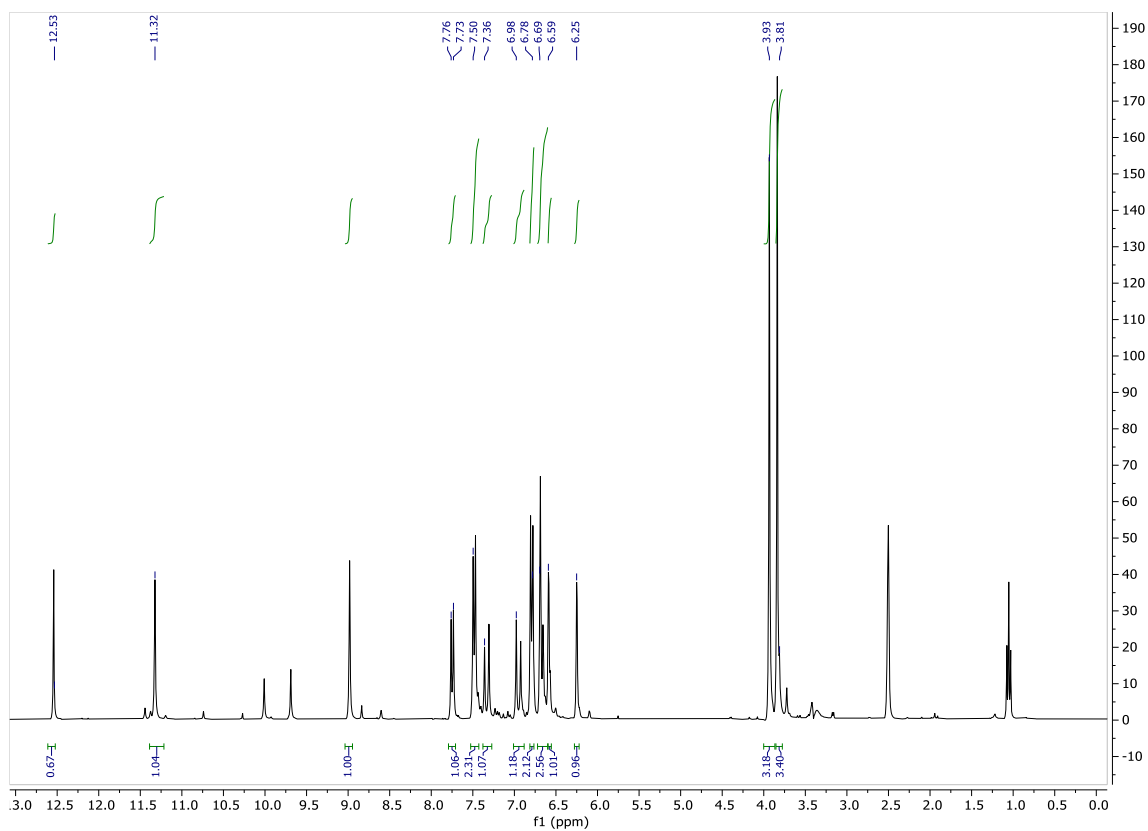
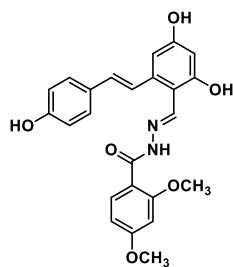


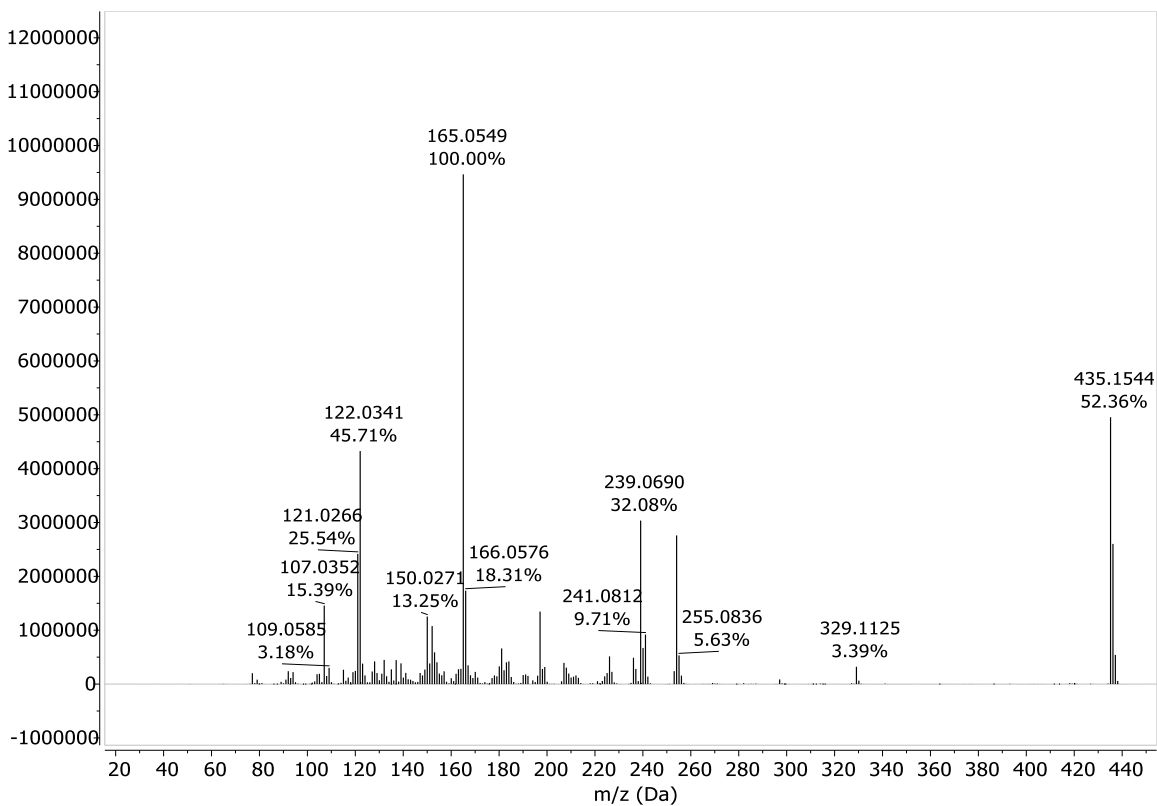
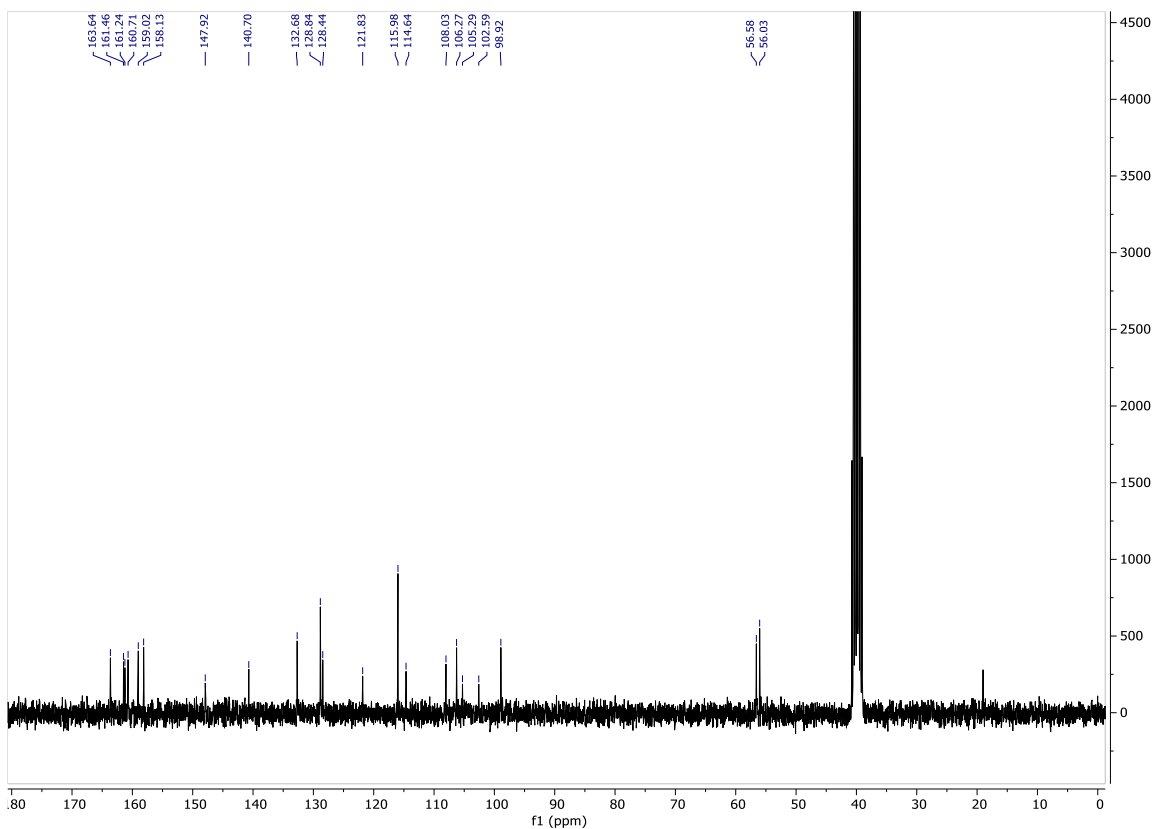
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-2,3-dimethoxybenzohydrazide (**6d**)



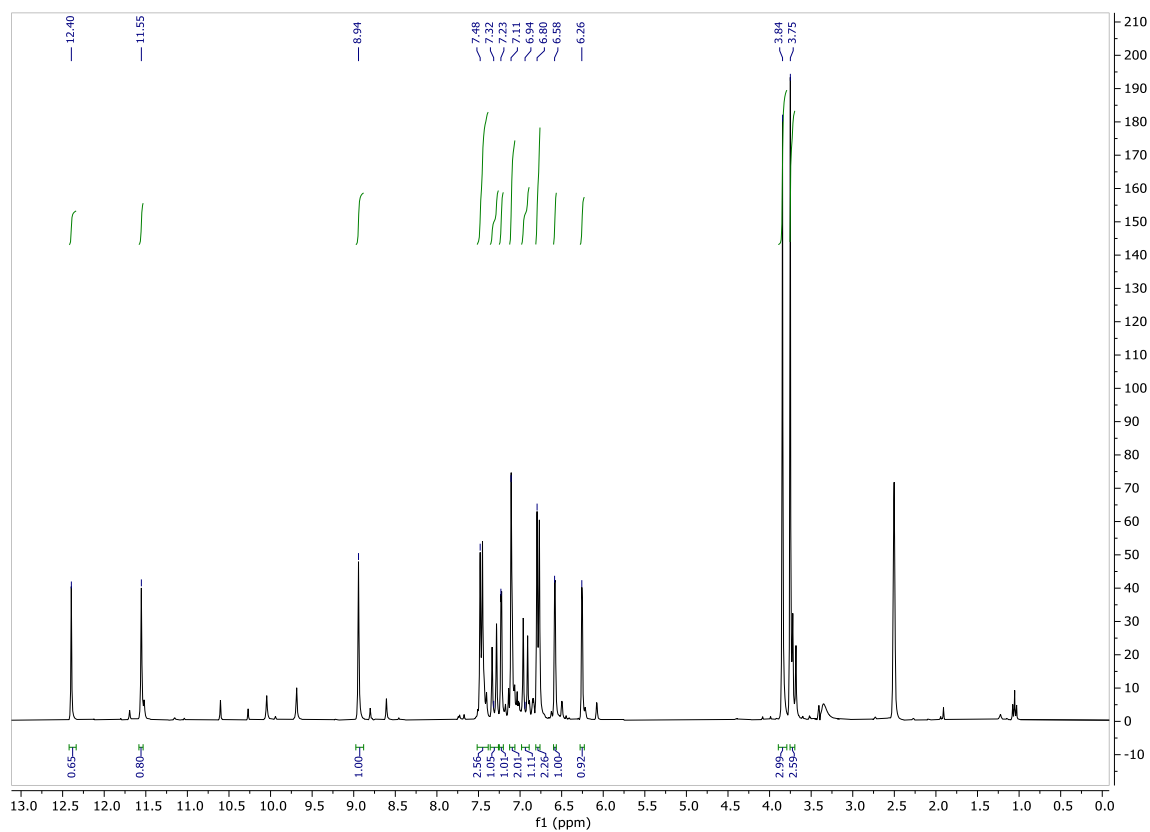
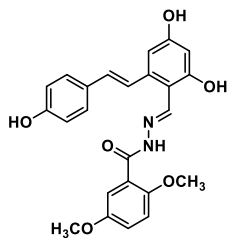


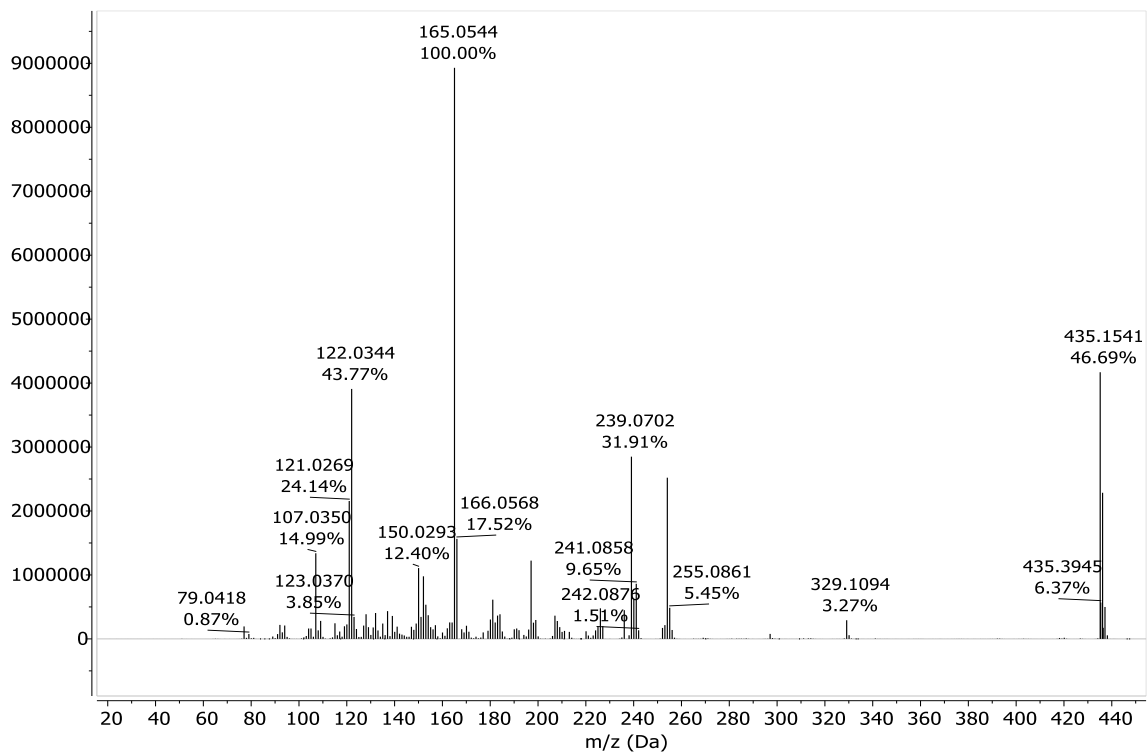
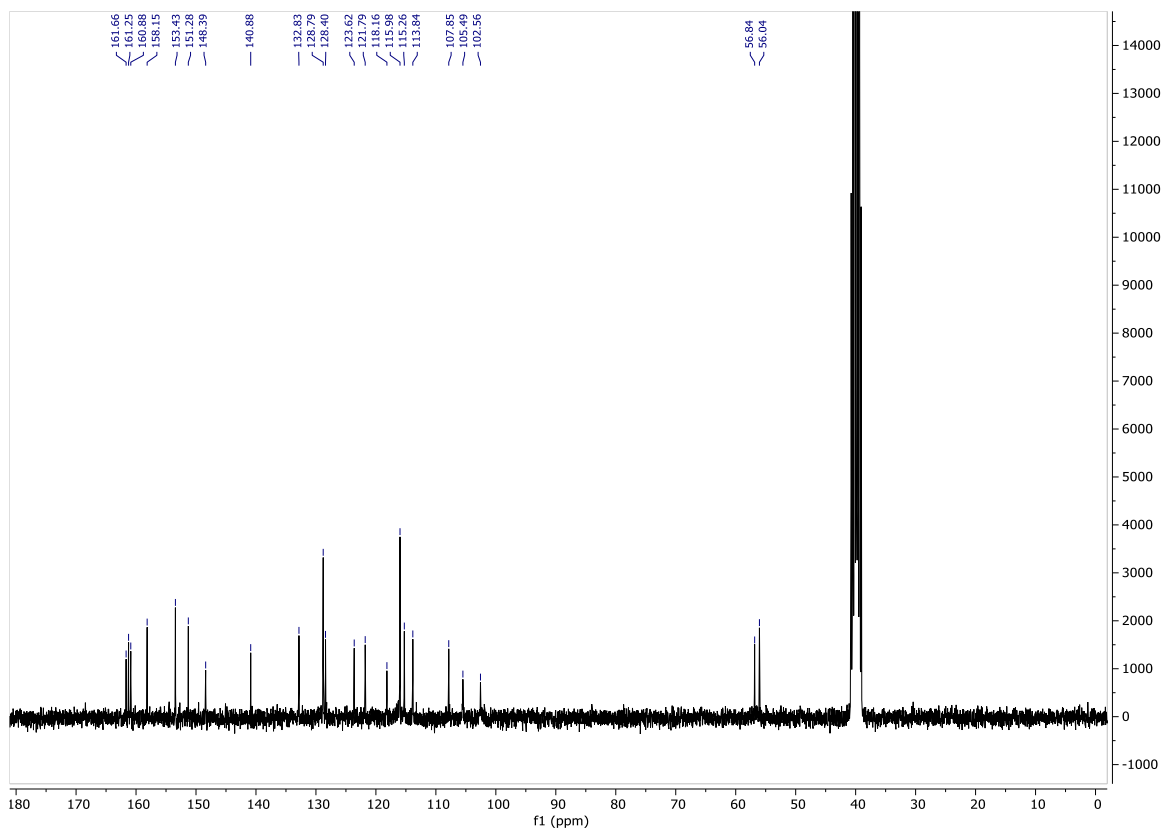
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-2,4-dimethoxybenzohydrazide (**6e**)



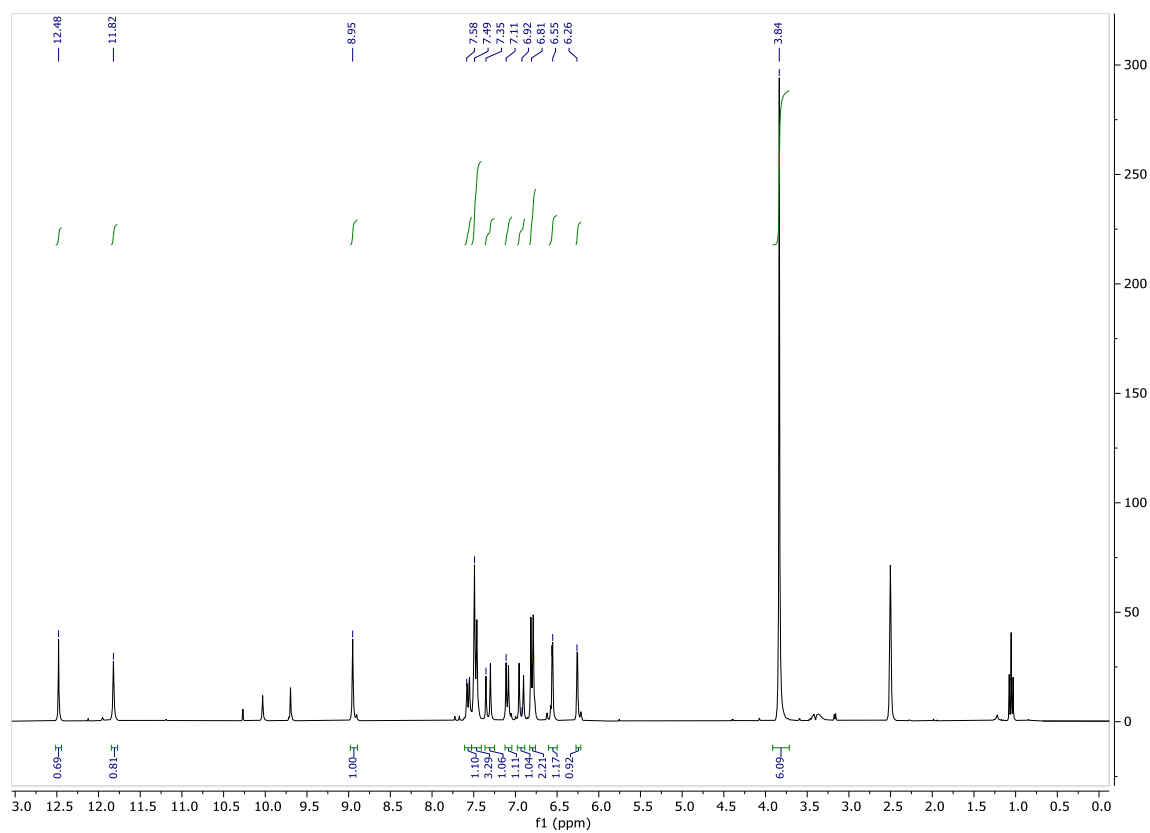
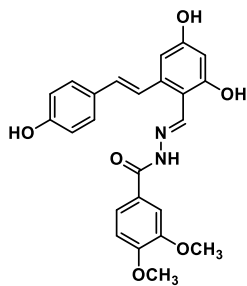


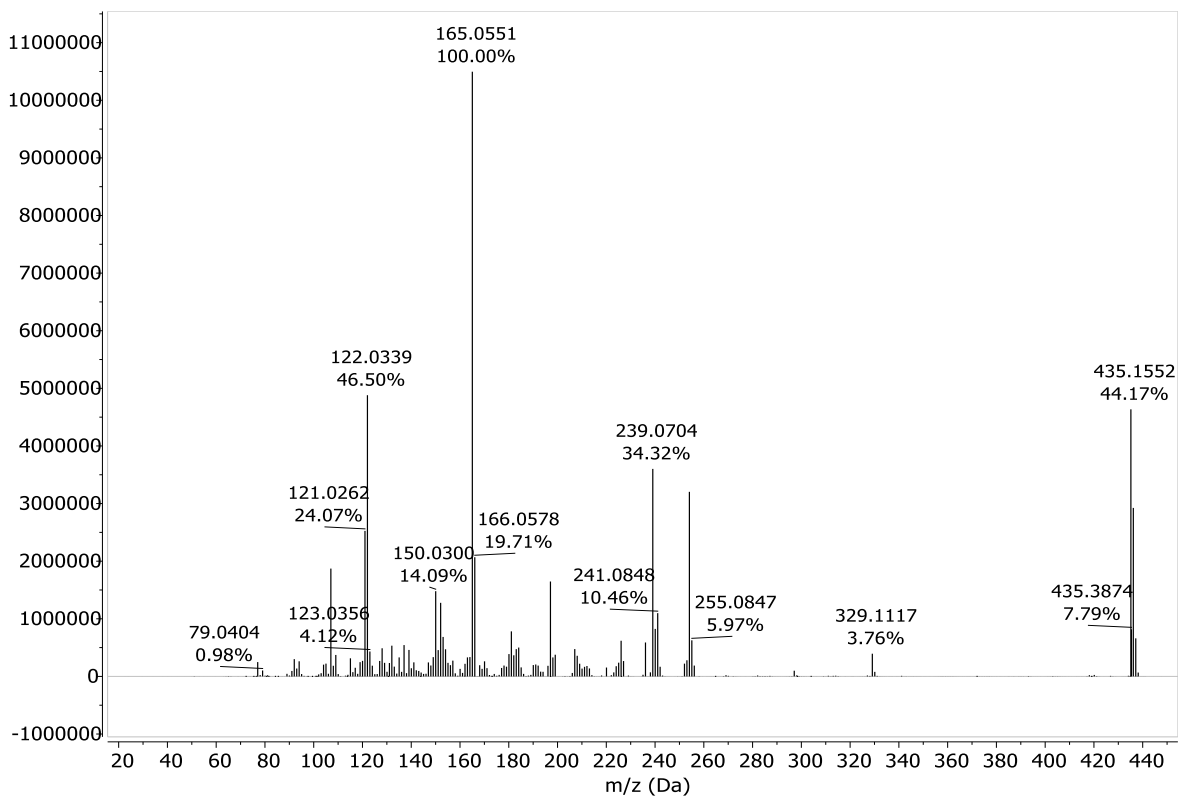
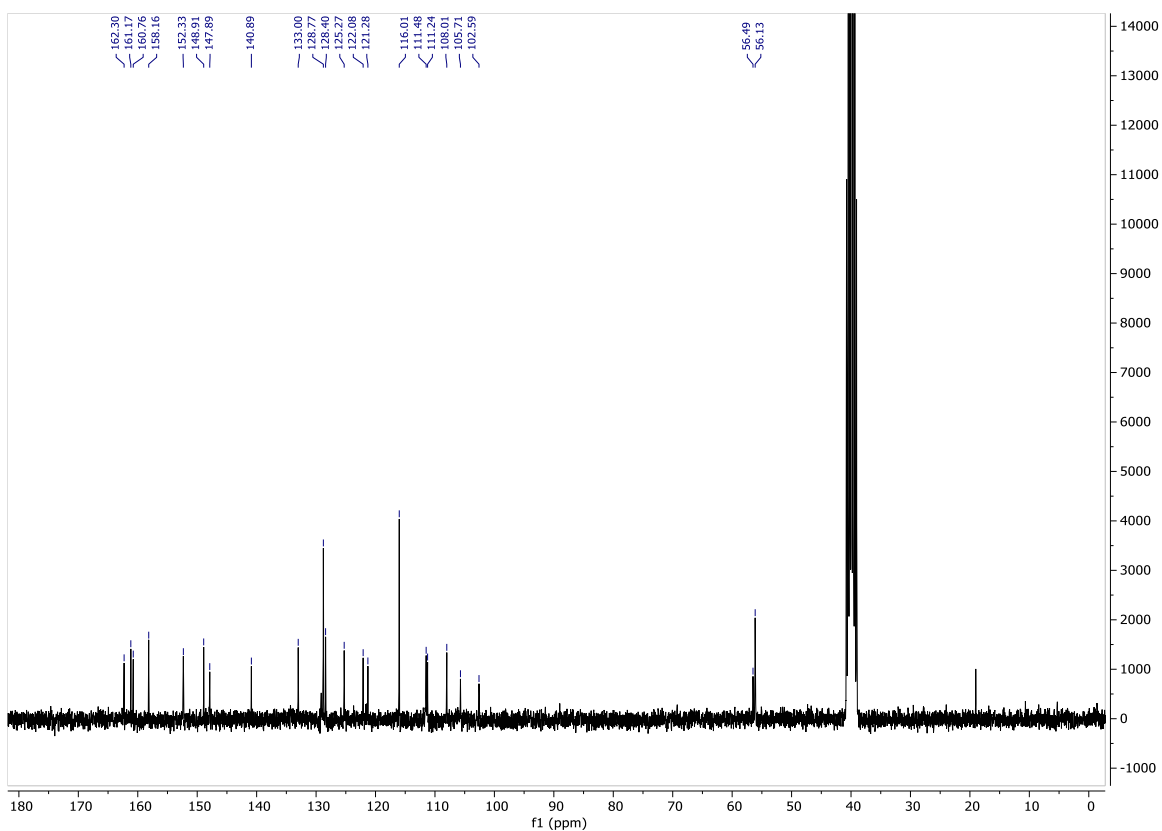
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-2,5-dimethoxybenzohydrazide (**6f**)



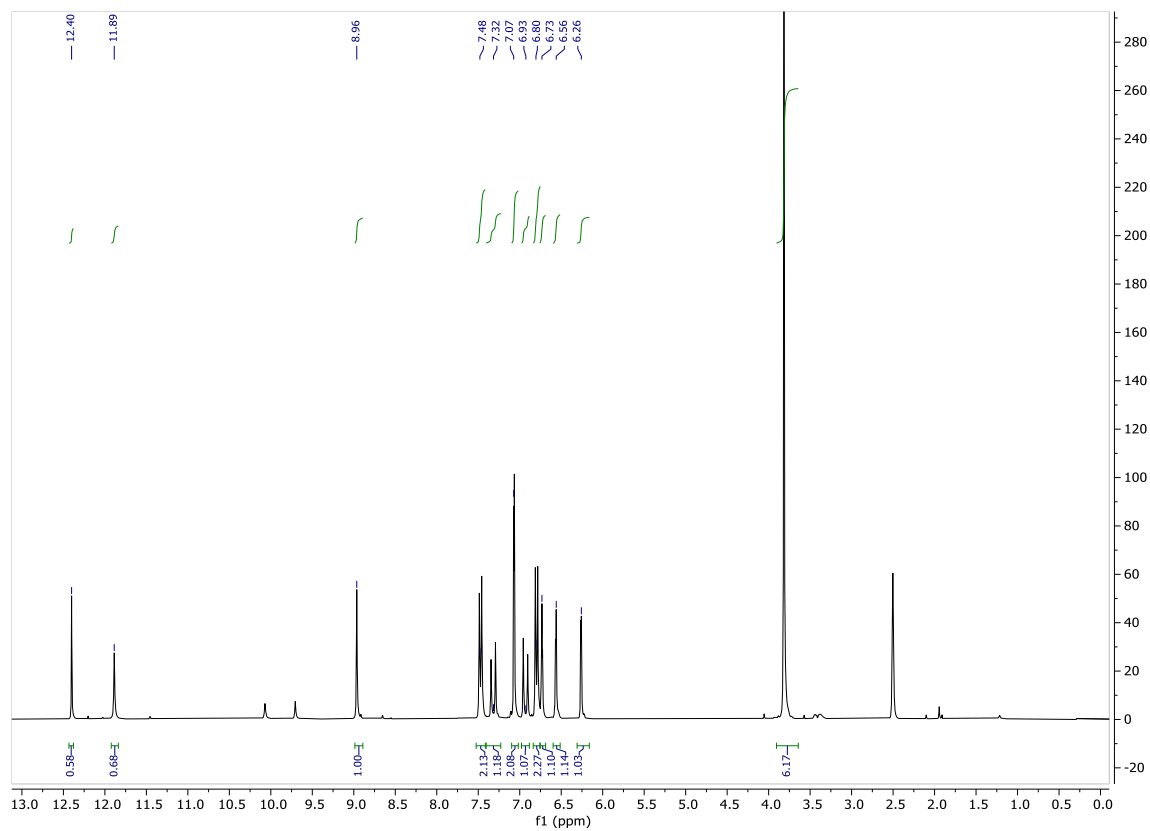
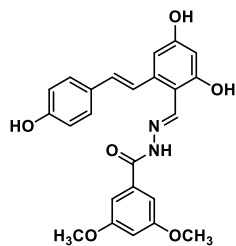


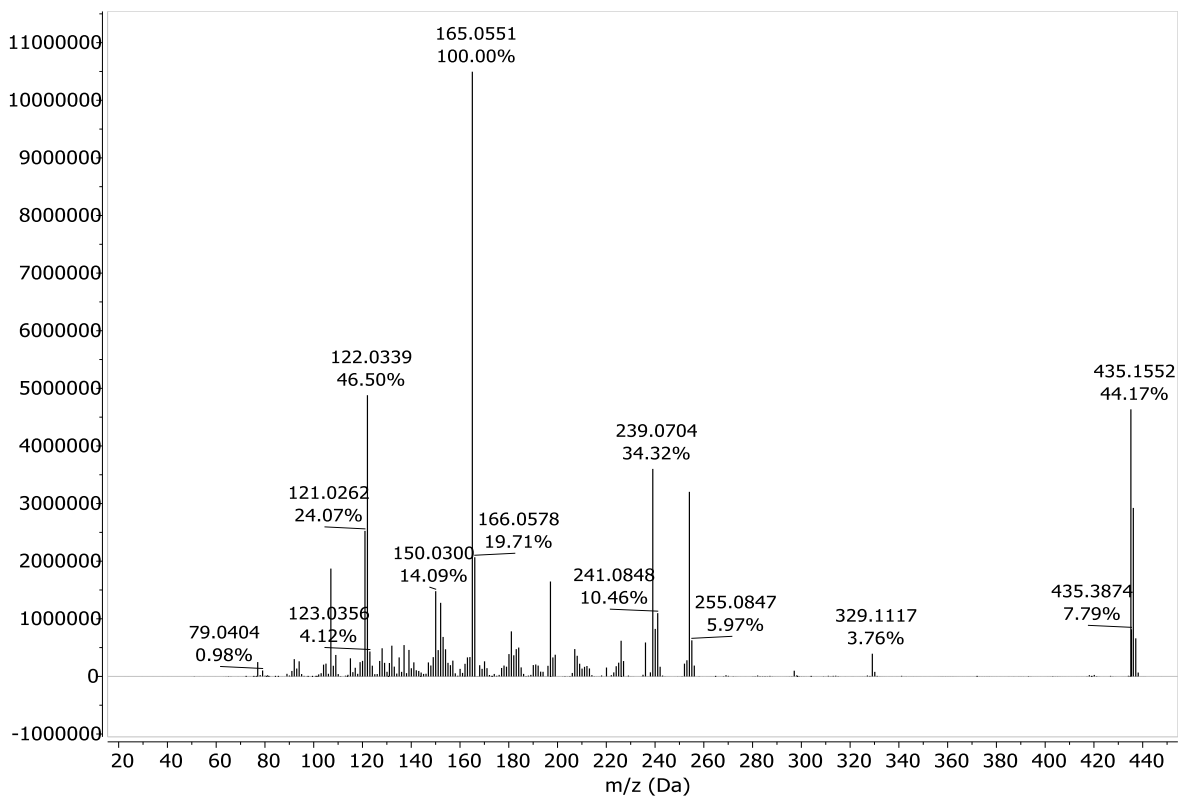
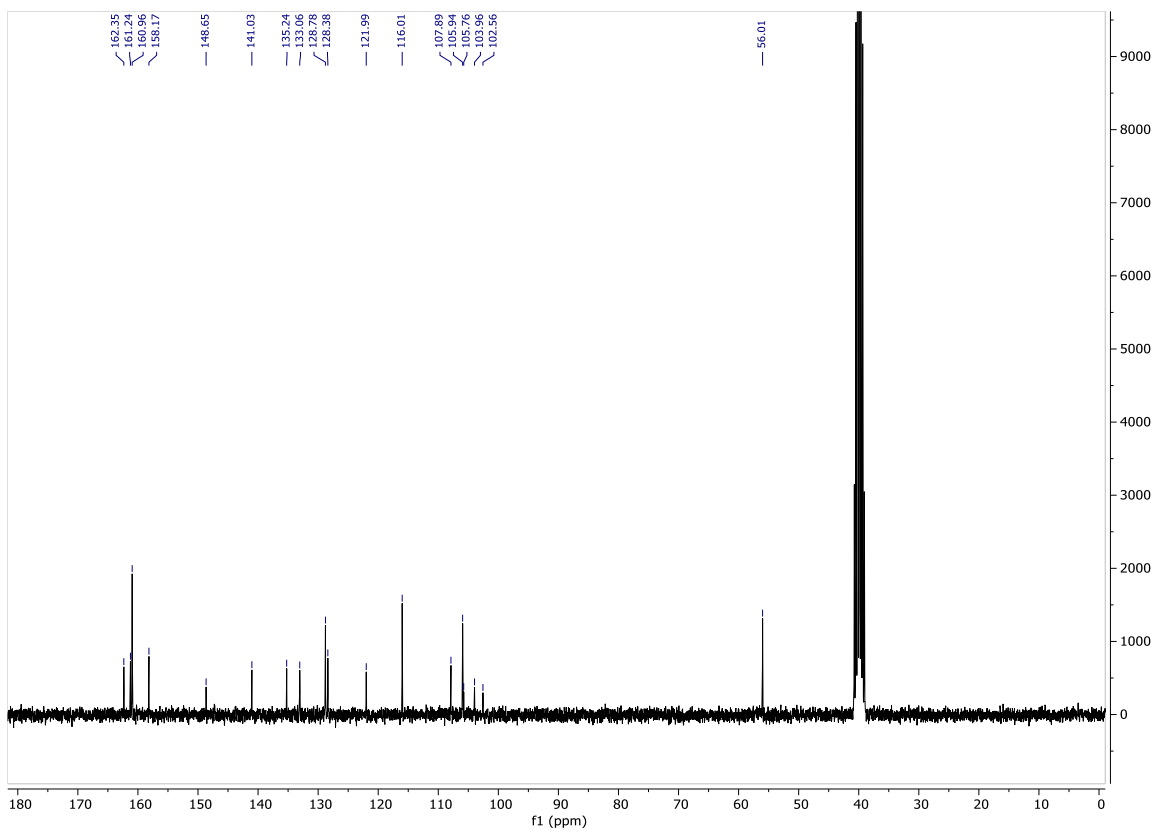
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-3,4-dimethoxybenzohydrazide (**6g**)



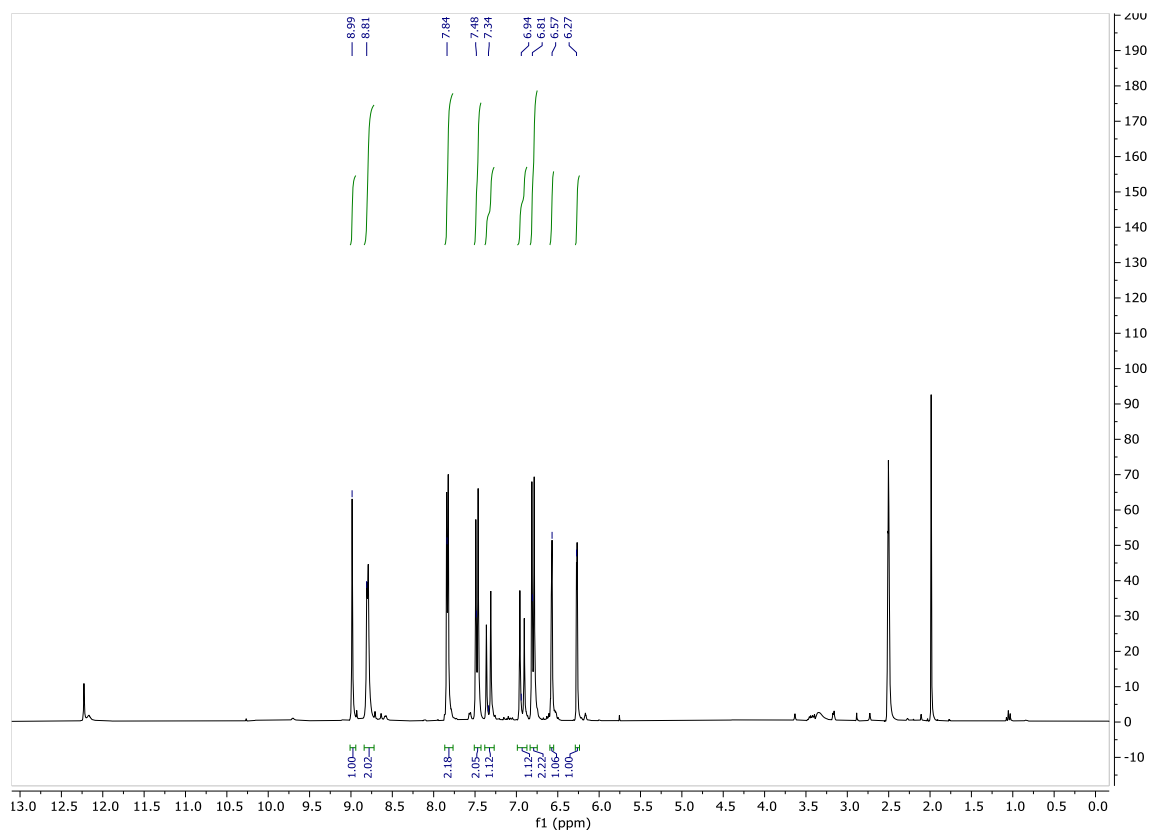
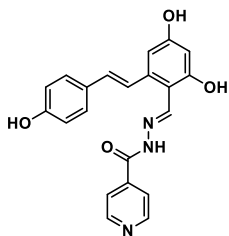


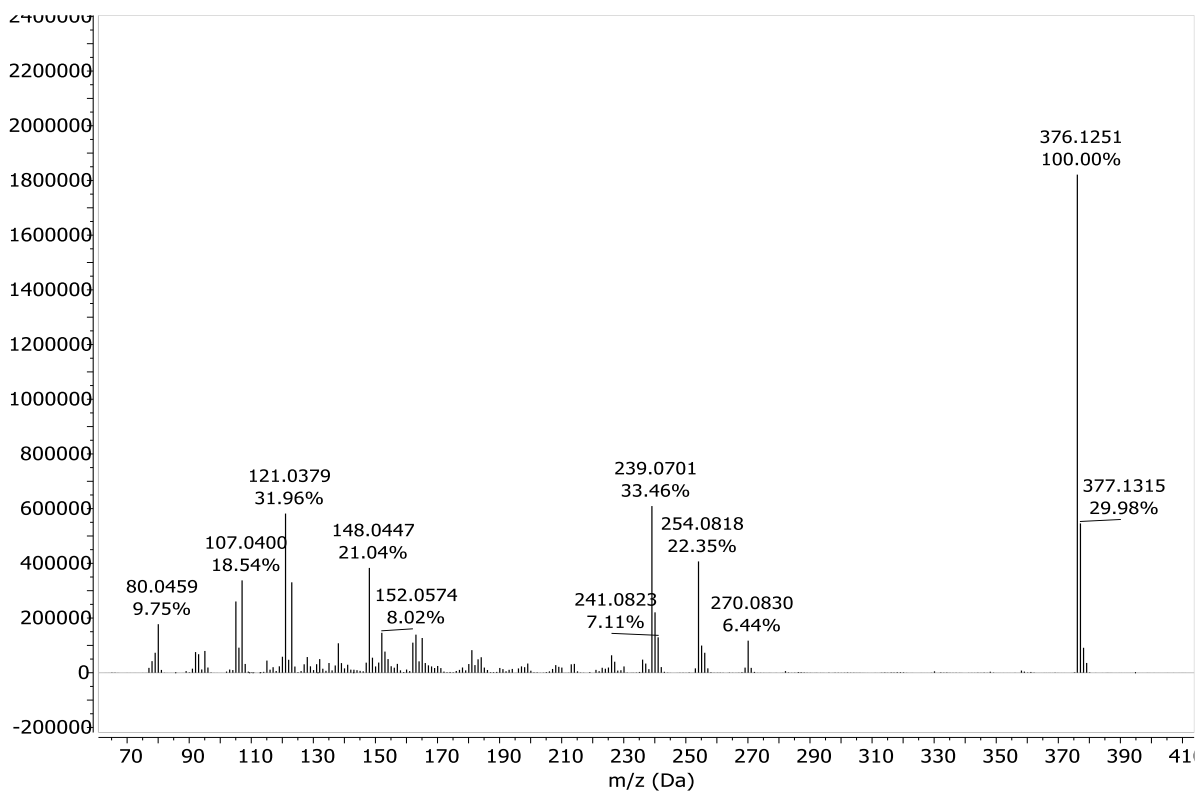
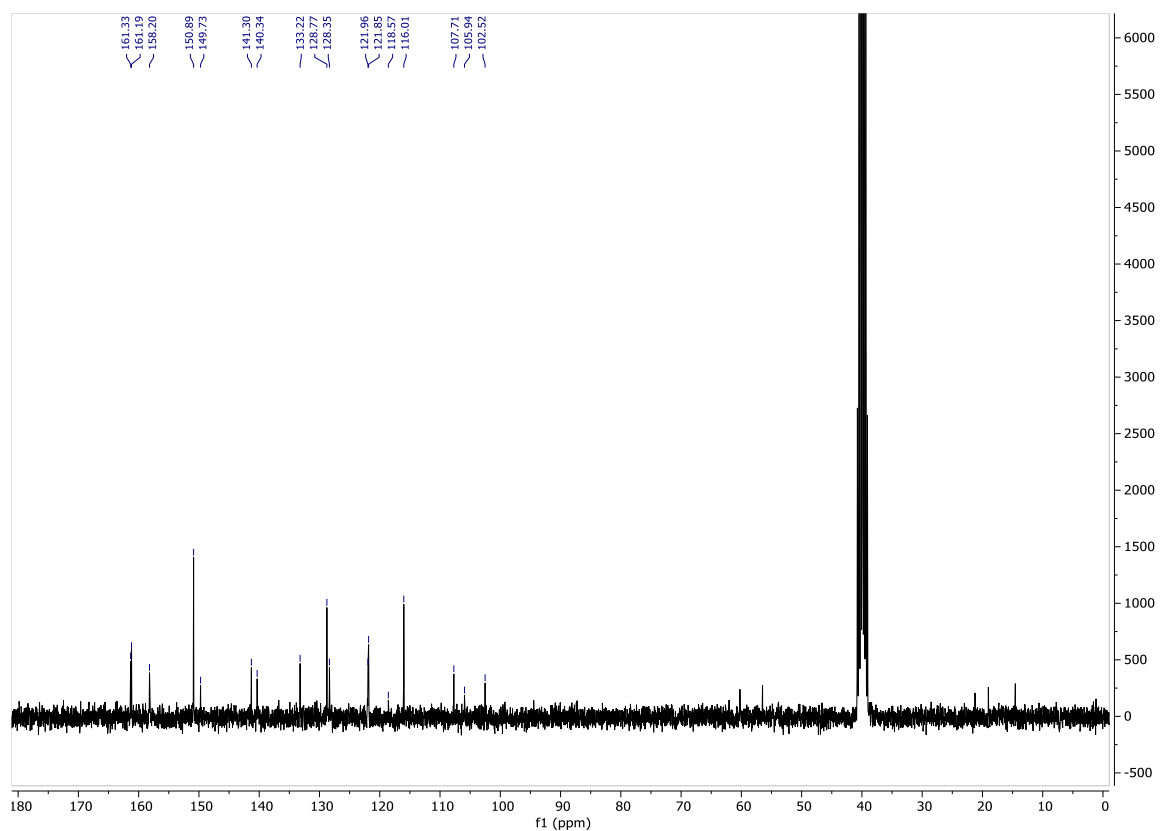
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)-3,5-dimethoxybenzohydrazide (**6h**)



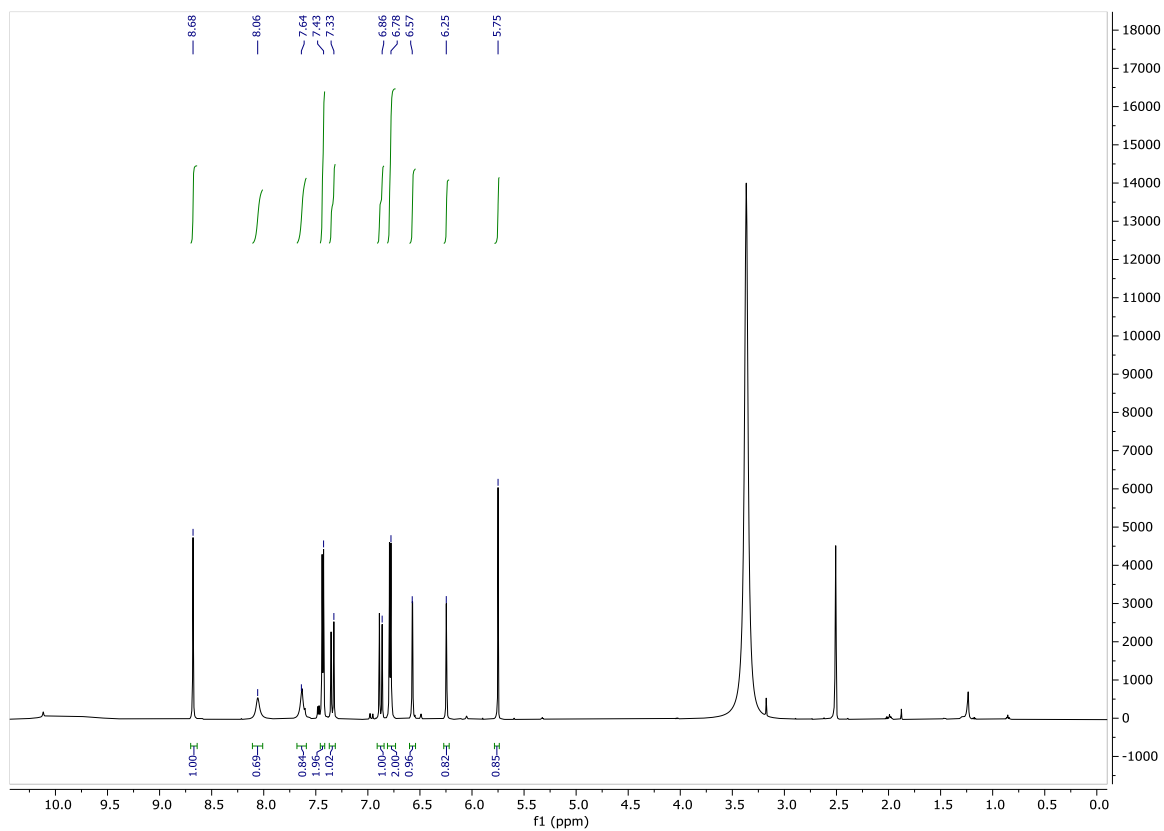
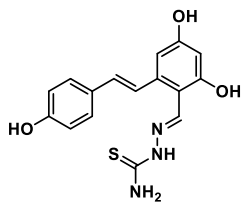


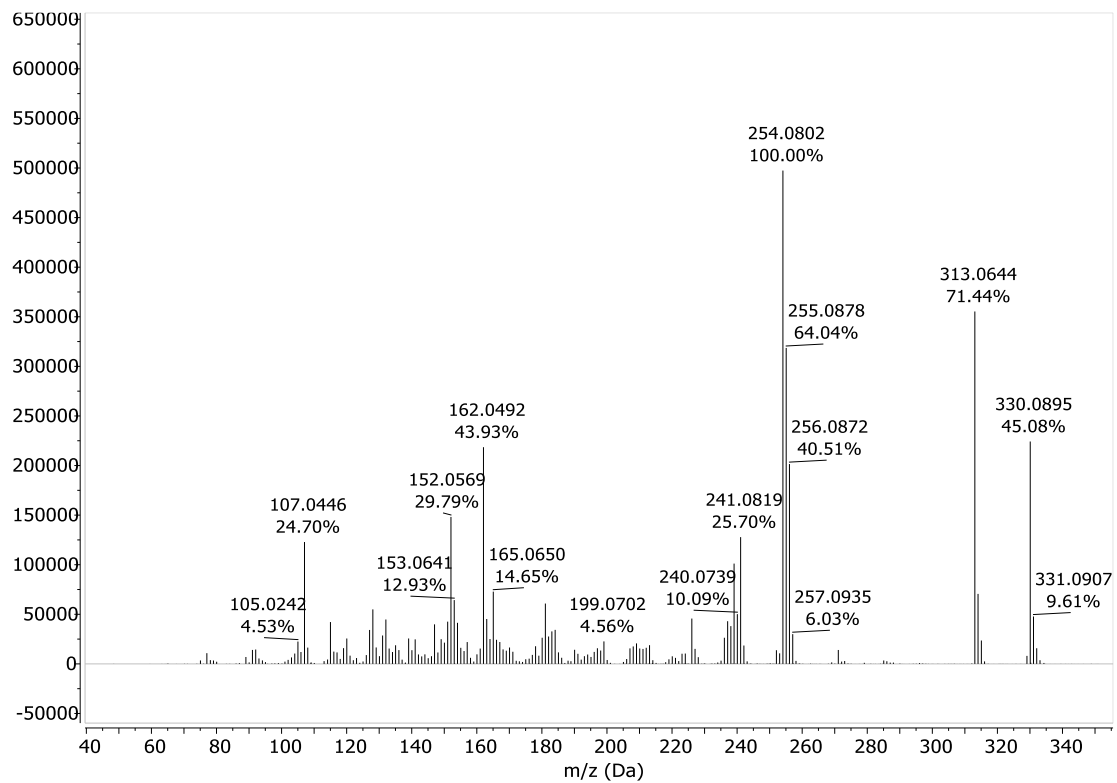
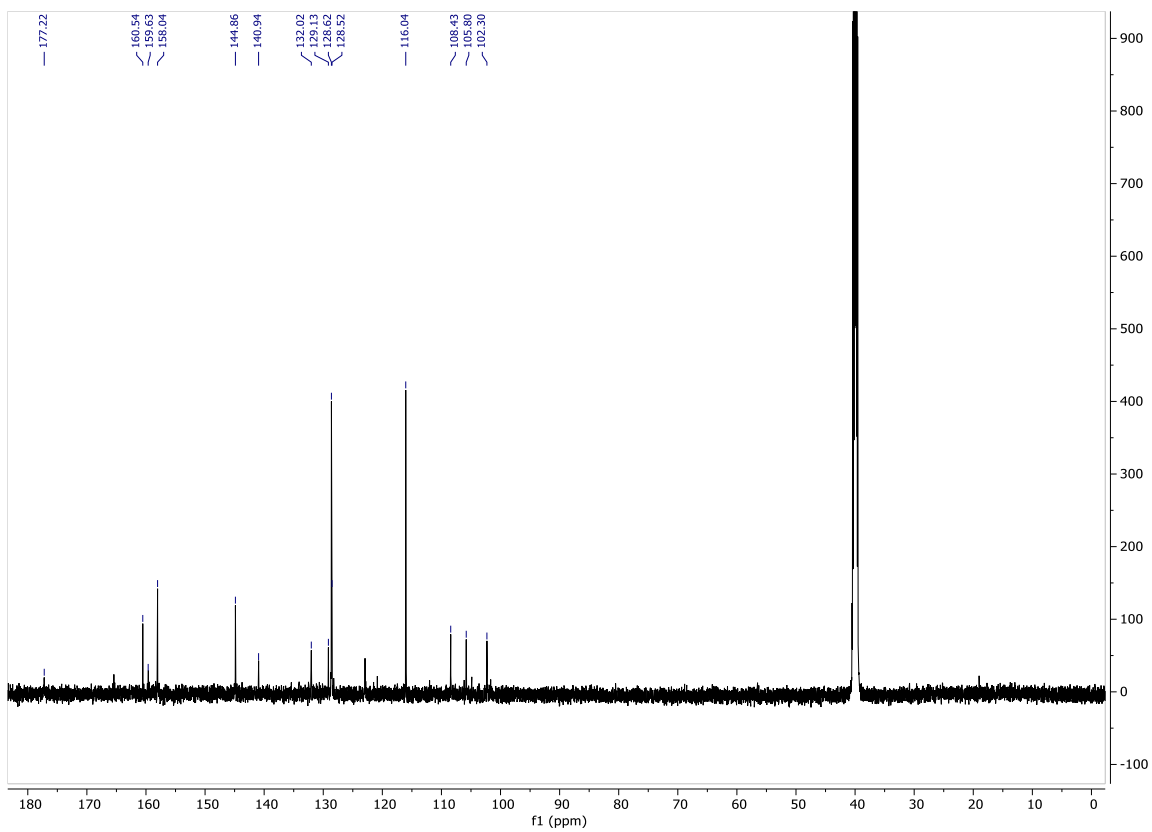
N'-((*E*)-2,4-dihydroxy-6-((*E*)-4-hydroxystyryl)benzylidene)isonicotinohydrazide (**7**)





2-((E)-2,4-dihydroxy-6-((E)-4-hydroxystyryl)benzylidene)hydrazine-1-carbothioamide (**8**)





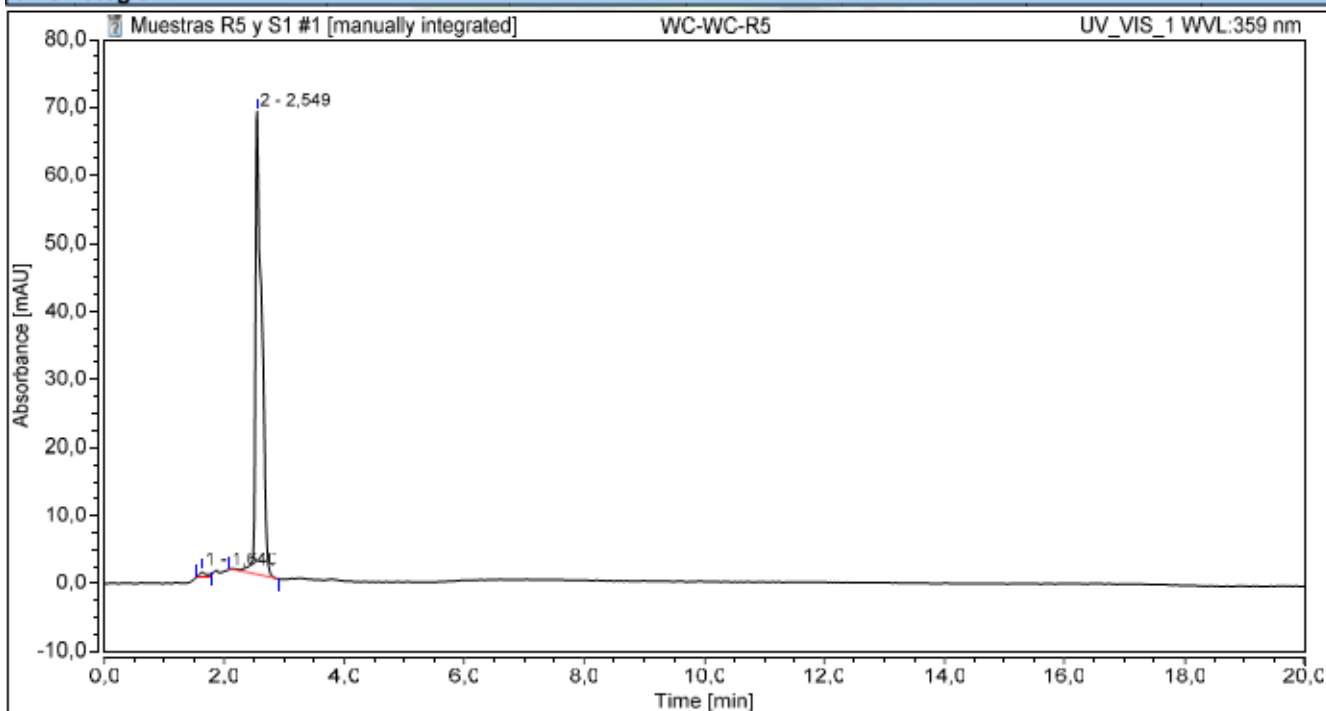
S2. HPLC analysis

Chromatogram and Results

Injection Details

| | | | |
|----------------------|--------------------|-------------------|----------|
| Injection Name: | 7 | Run Time (min): | 20,00 |
| Vial Number: | RB1 | Injection Volume: | 20,00 |
| Injection Type: | Unknown | Channel: | UV_VIS_1 |
| Calibration Level: | | Wavelength: | 359 |
| Instrument Method: | Muestras R5 y S1 | Bandwidth: | n.a. |
| Processing Method: | Basic Quantitative | Dilution Factor: | 1,0000 |
| Injection Date/Time: | 08/sep./22 11:45 | Sample Weight: | 1,0000 |

Chromatogram



Integration Results

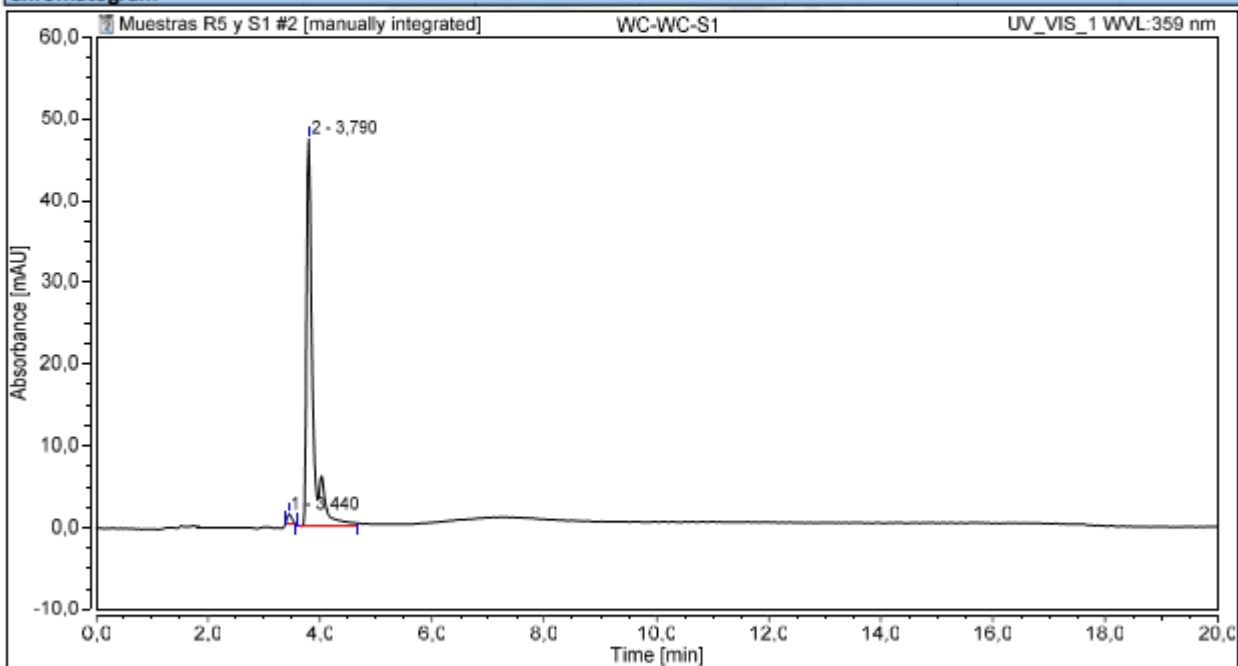
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount n.a. |
|---------------|-----------|-----------------------|-----------------|---------------|--------------------|----------------------|----------------|
| 1 | | 1,640 | 0,044 | 0,569 | 0,53 | 0,83 | n.a. |
| 2 | | 2,549 | 8,156 | 68,097 | 99,47 | 99,17 | n.a. |
| Total: | | | 8,200 | 68,666 | 100,00 | 100,00 | |

Chromatogram and Results

Injection Details

| | | | |
|----------------------|--------------------|-------------------|----------|
| Injection Name: | 6E | Run Time (min): | 20,00 |
| Vial Number: | RB2 | Injection Volume: | 20,00 |
| Injection Type: | Unknown | Channel: | UV_VIS_1 |
| Calibration Level: | | Wavelength: | 359 |
| Instrument Method: | Muestras R5 y S1 | Bandwidth: | n.a. |
| Processing Method: | Basic Quantitative | Dilution Factor: | 1,0000 |
| Injection Date/Time: | 08/sep./22 12:06 | Sample Weight: | 1,0000 |

Chromatogram



Integration Results

| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount n.a. |
|---------------|-----------|-----------------------|-----------------|---------------|--------------------|----------------------|----------------|
| 1 | | 3,440 | 0,111 | 1,180 | 1,85 | 2,44 | n.a. |
| 2 | | 3,790 | 5,875 | 47,225 | 98,15 | 97,56 | n.a. |
| Total: | | | 5,985 | 48,405 | 100,00 | 100,00 | |