

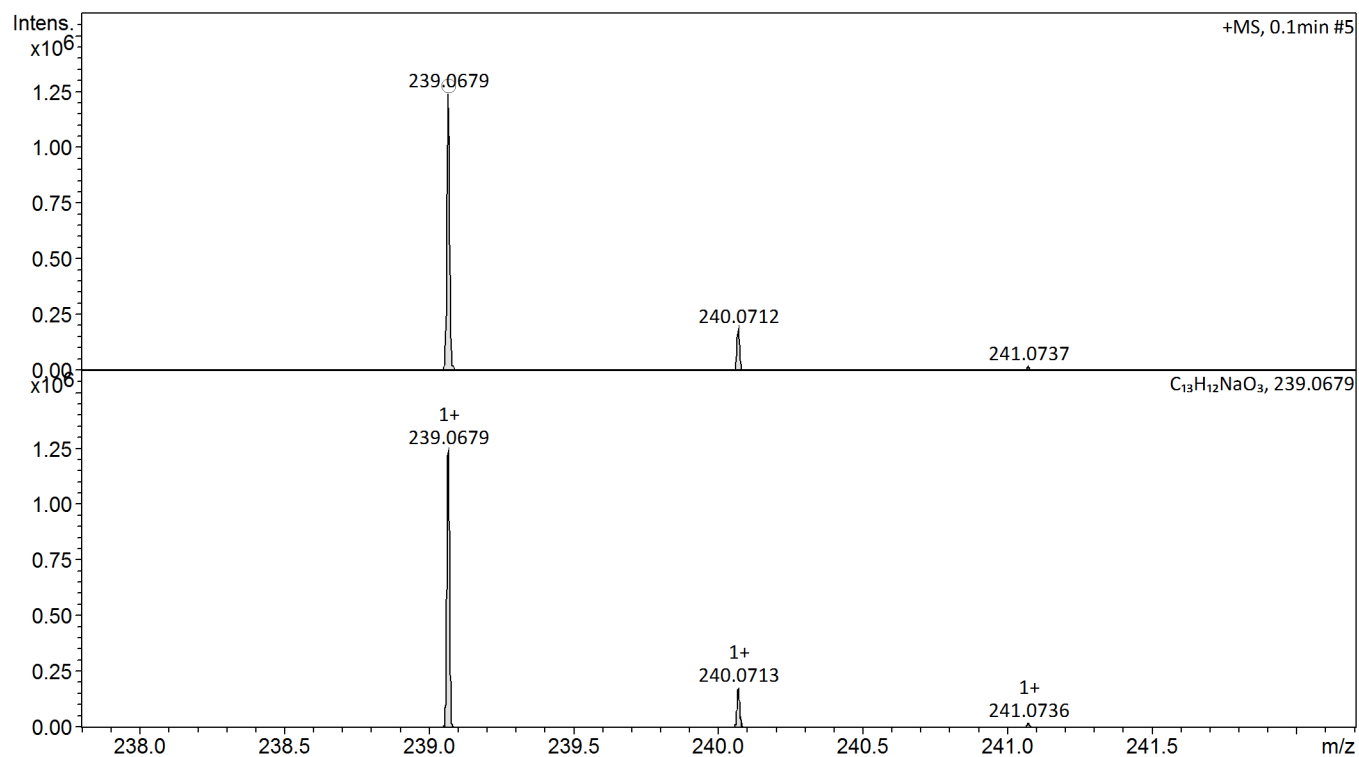
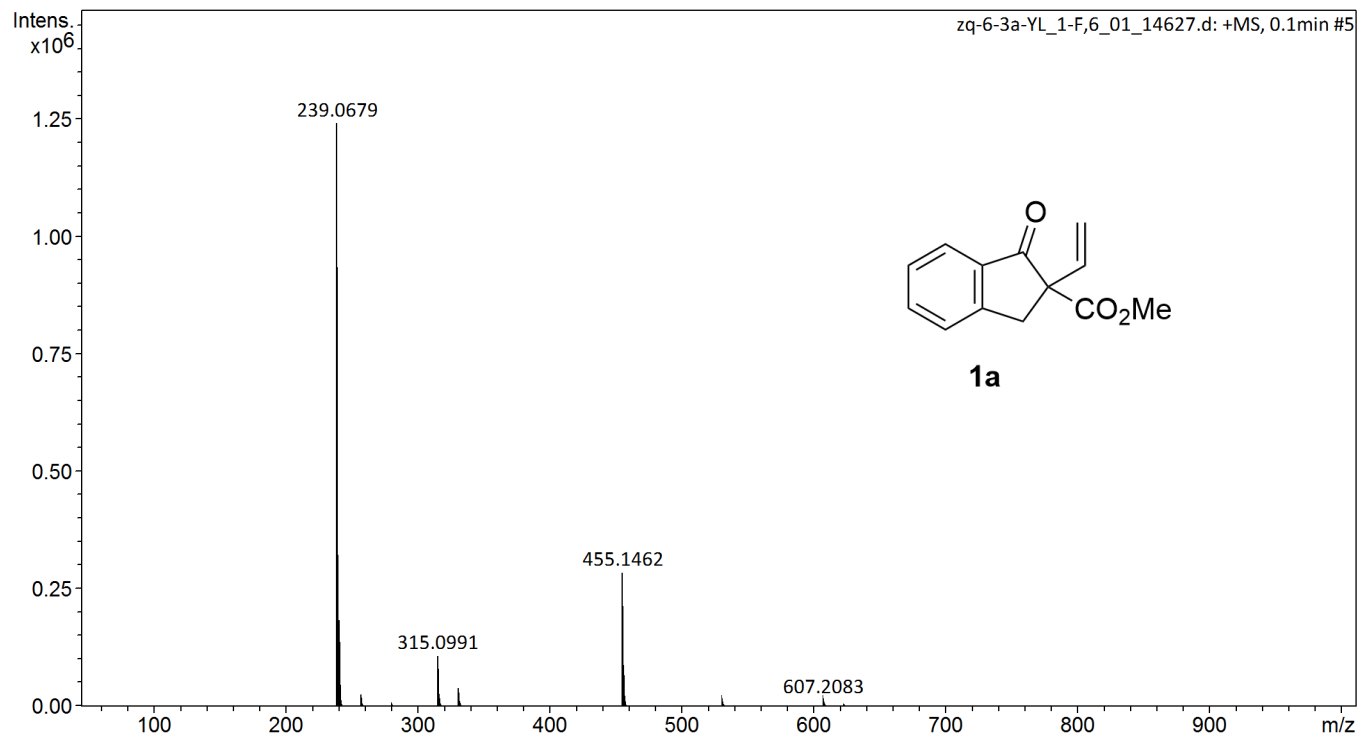
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-3a-YL_1-F,6_01_14627.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-3a-YL
Comment

Acquisition Date 1/28/2021 4:51:21 PM

Operator BDAL@DE
Instrument impact II



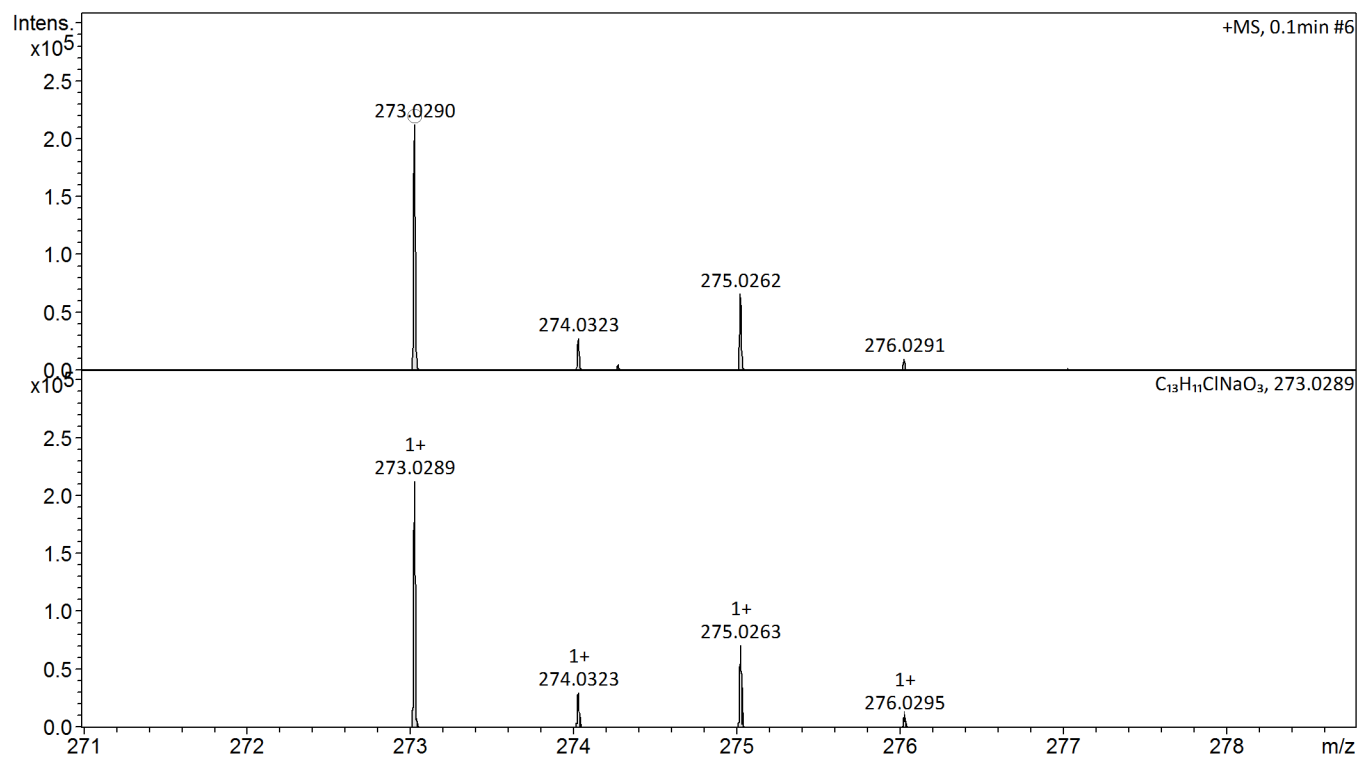
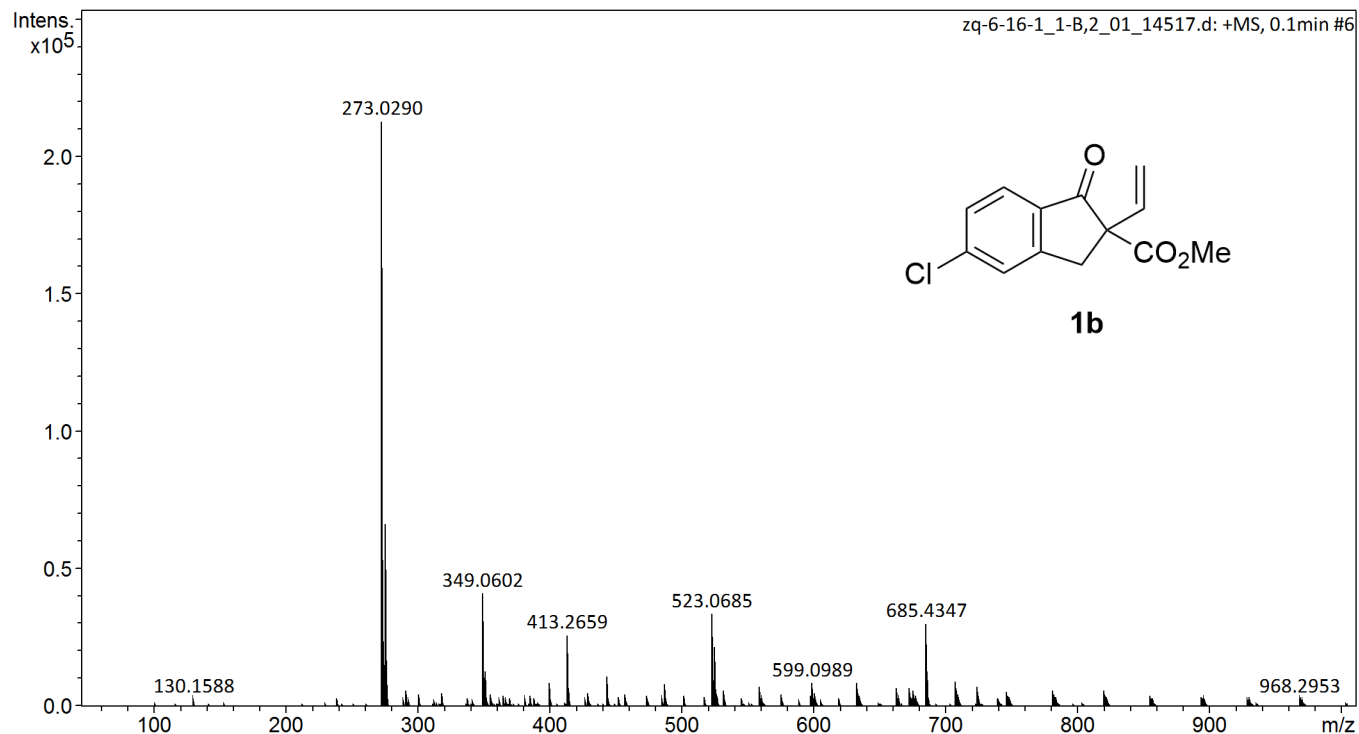
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-16-1_1-B,2_01_14517.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-16-1
Comment

Acquisition Date 1/27/2021 1:05:01 PM

Operator BDAL@DE
Instrument impact II



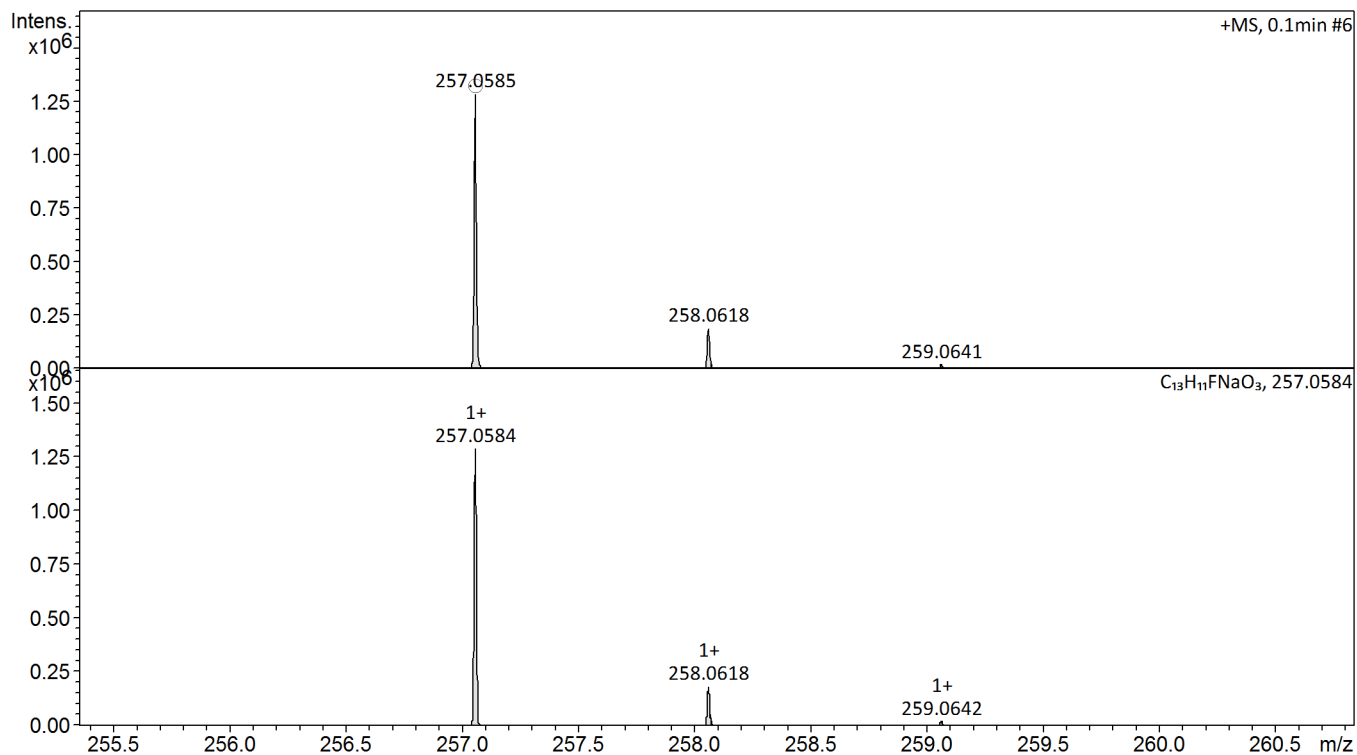
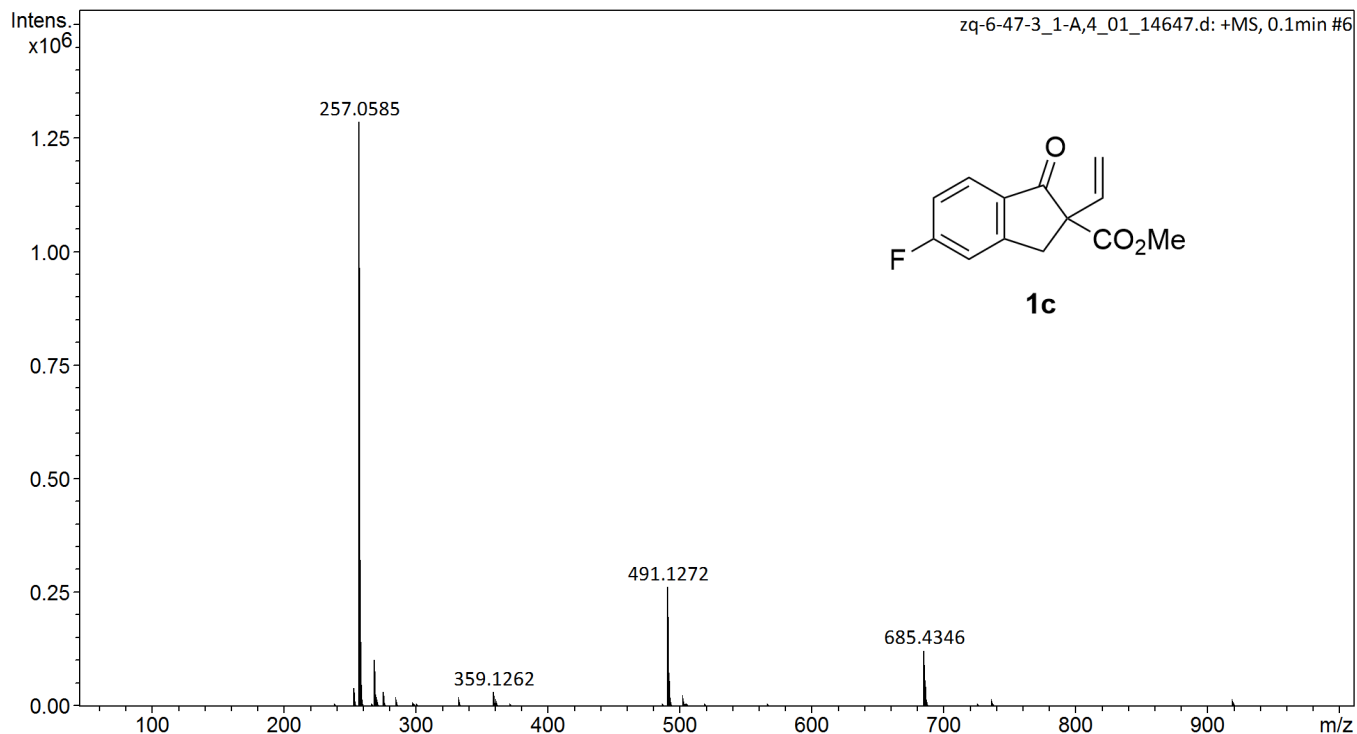
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-47-3_1-A,4_01_14647.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-47-3
Comment

Acquisition Date 1/29/2021 11:05:23 AM

Operator BDAL@DE
Instrument impact II



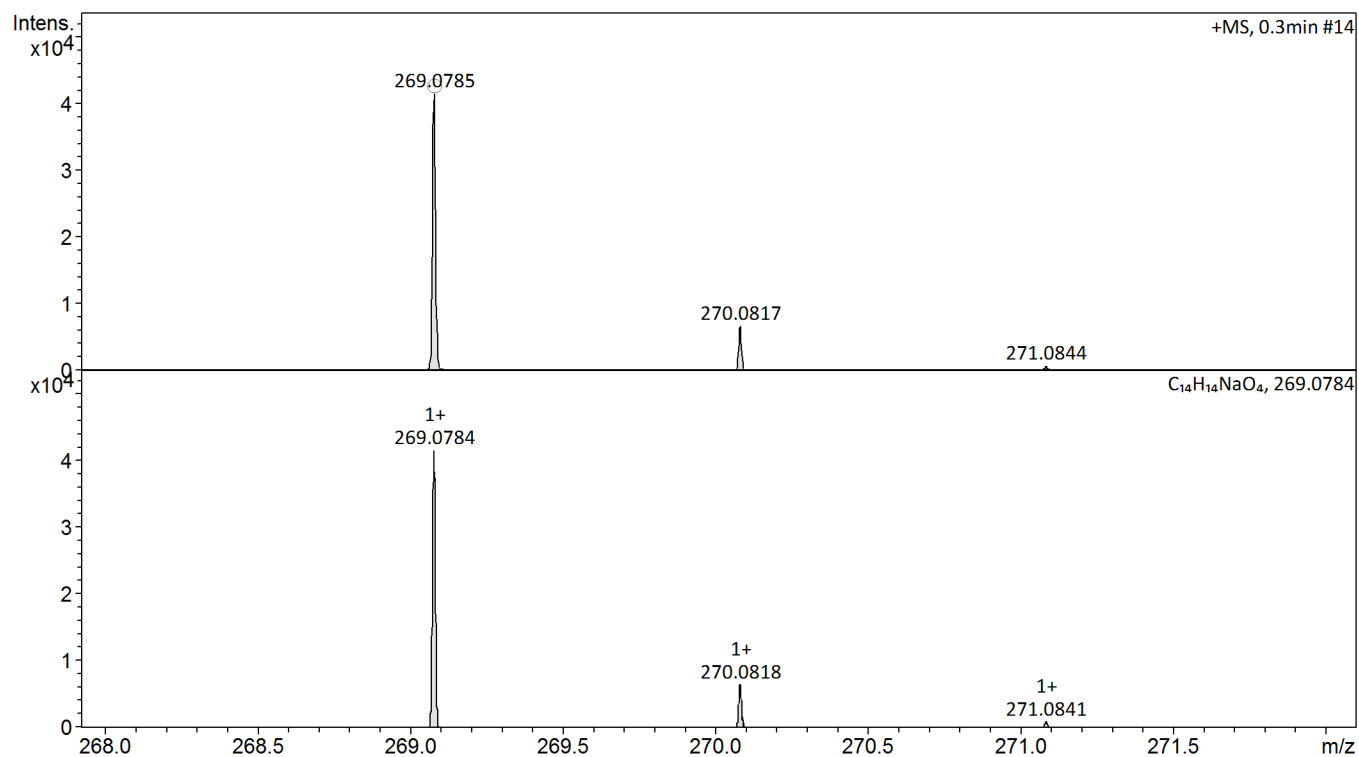
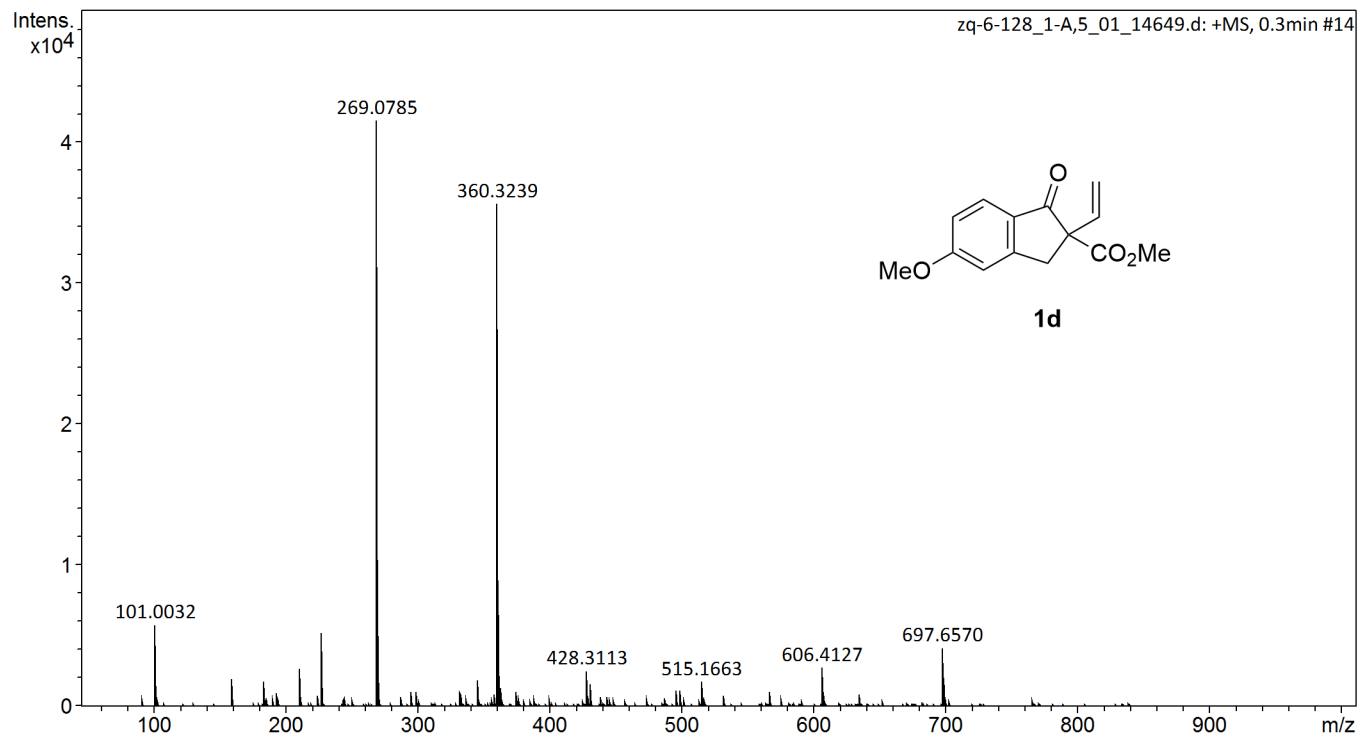
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-128_1-A,5_01_14649.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-128
Comment

Acquisition Date 1/29/2021 11:17:37 AM

Operator BDAL@DE
Instrument impact II



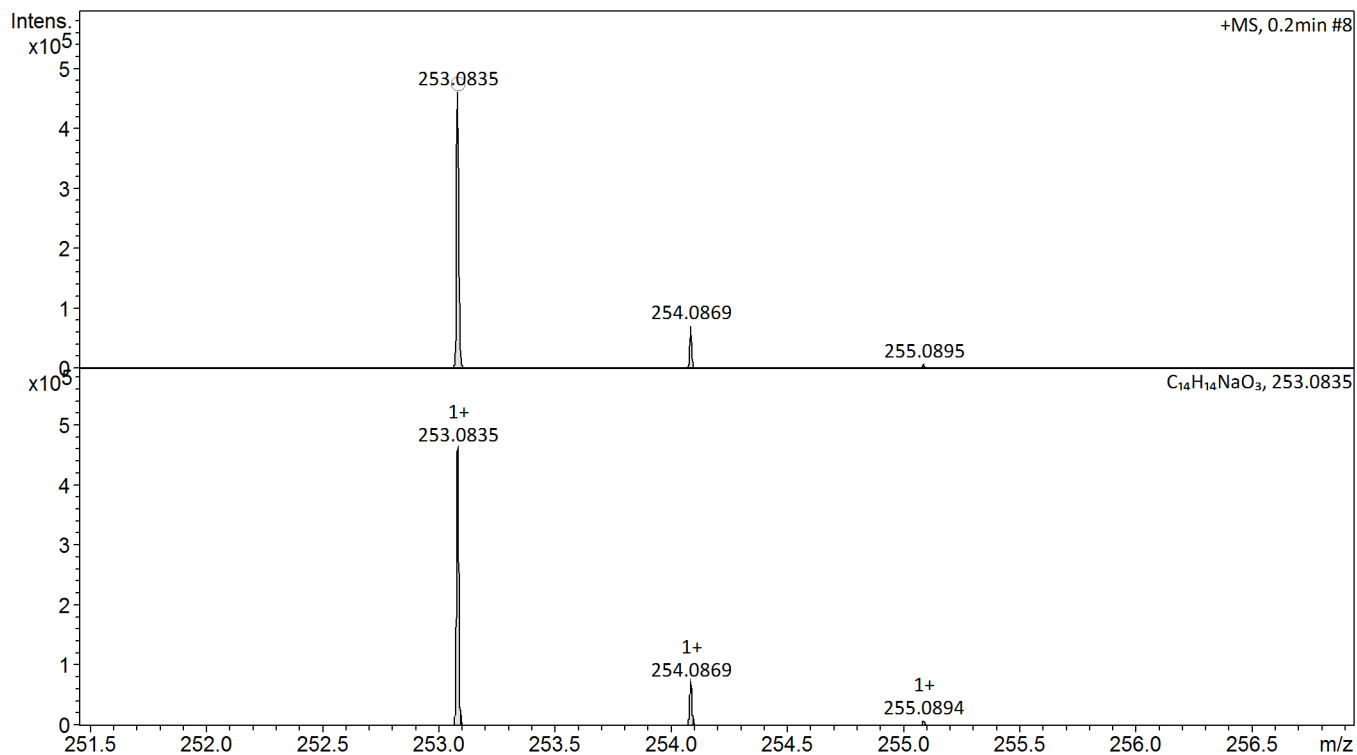
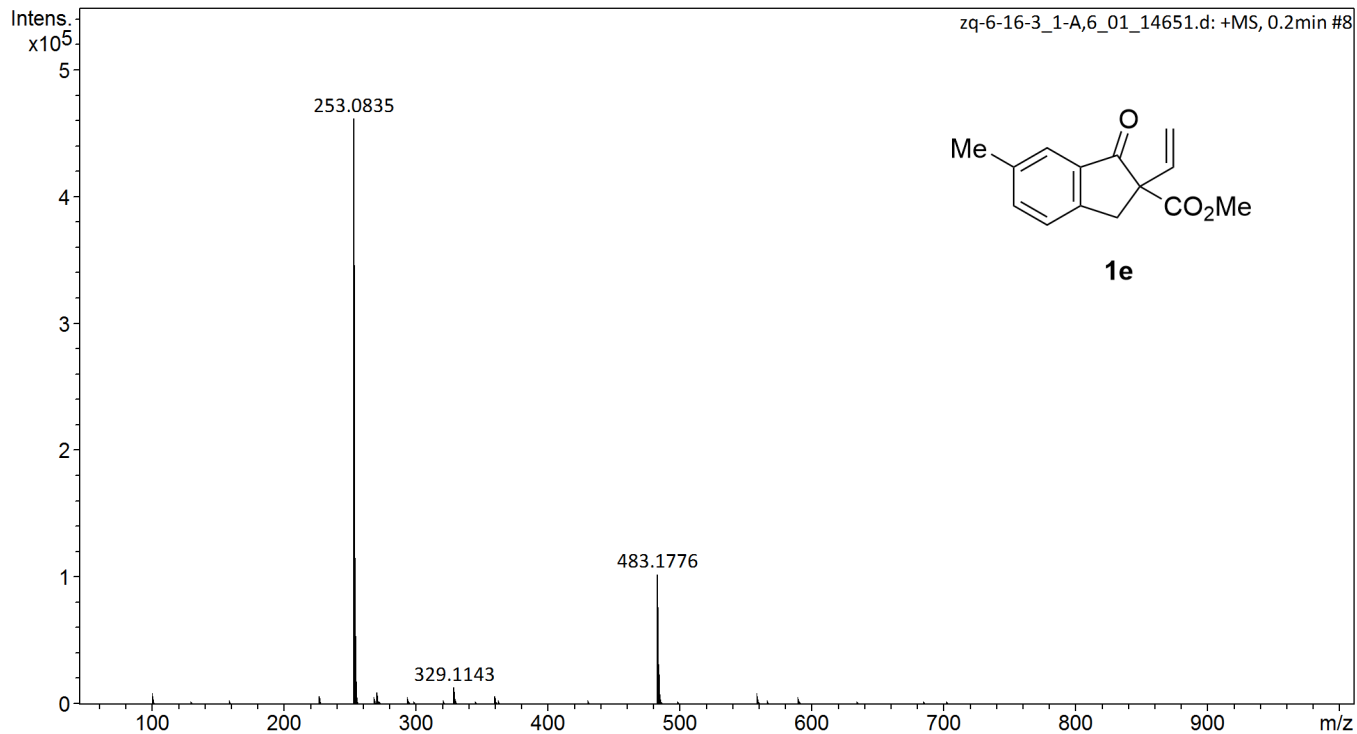
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-16-3_1-A,6_01_14651.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-16-3
Comment

Acquisition Date 1/29/2021 11:24:21 AM

Operator BDAL@DE
Instrument impact II



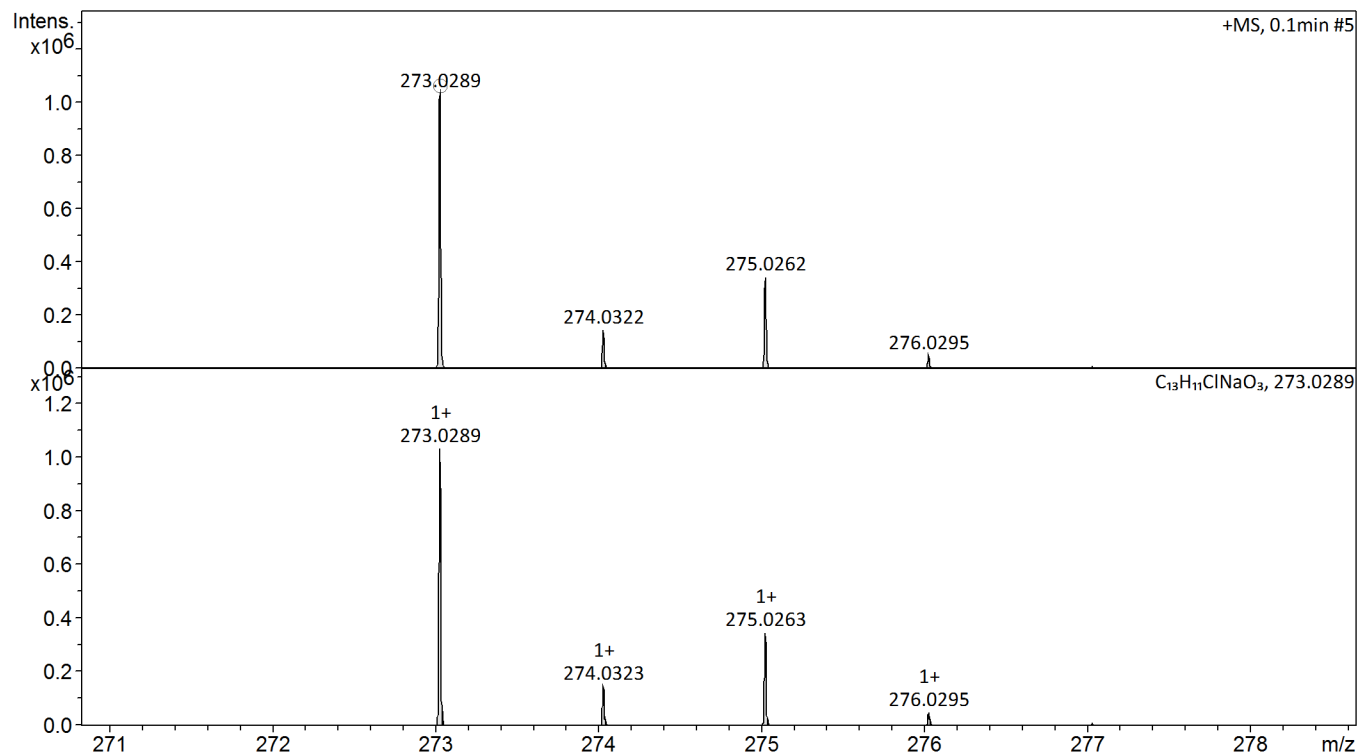
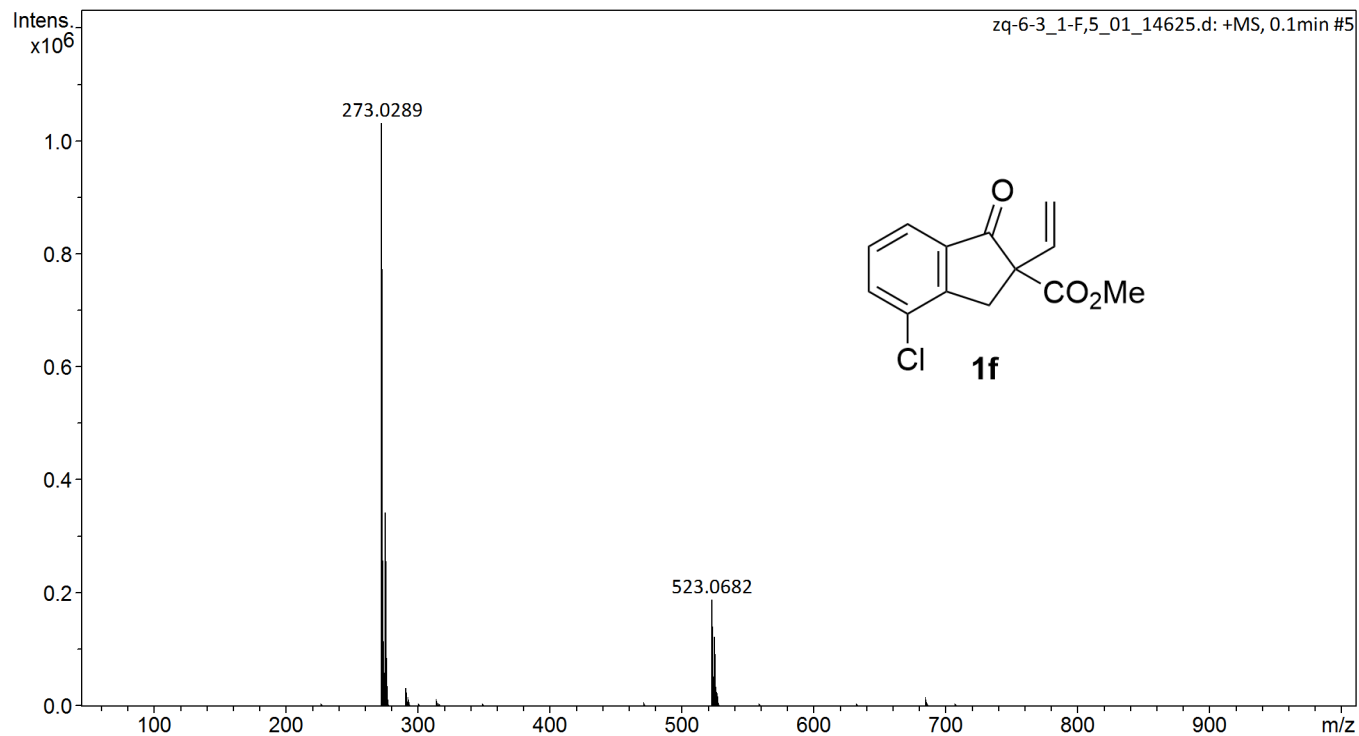
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-3_1-F,5_01_14625.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-3
Comment

Acquisition Date 1/28/2021 4:44:37 PM

Operator BDAL@DE
Instrument impact II



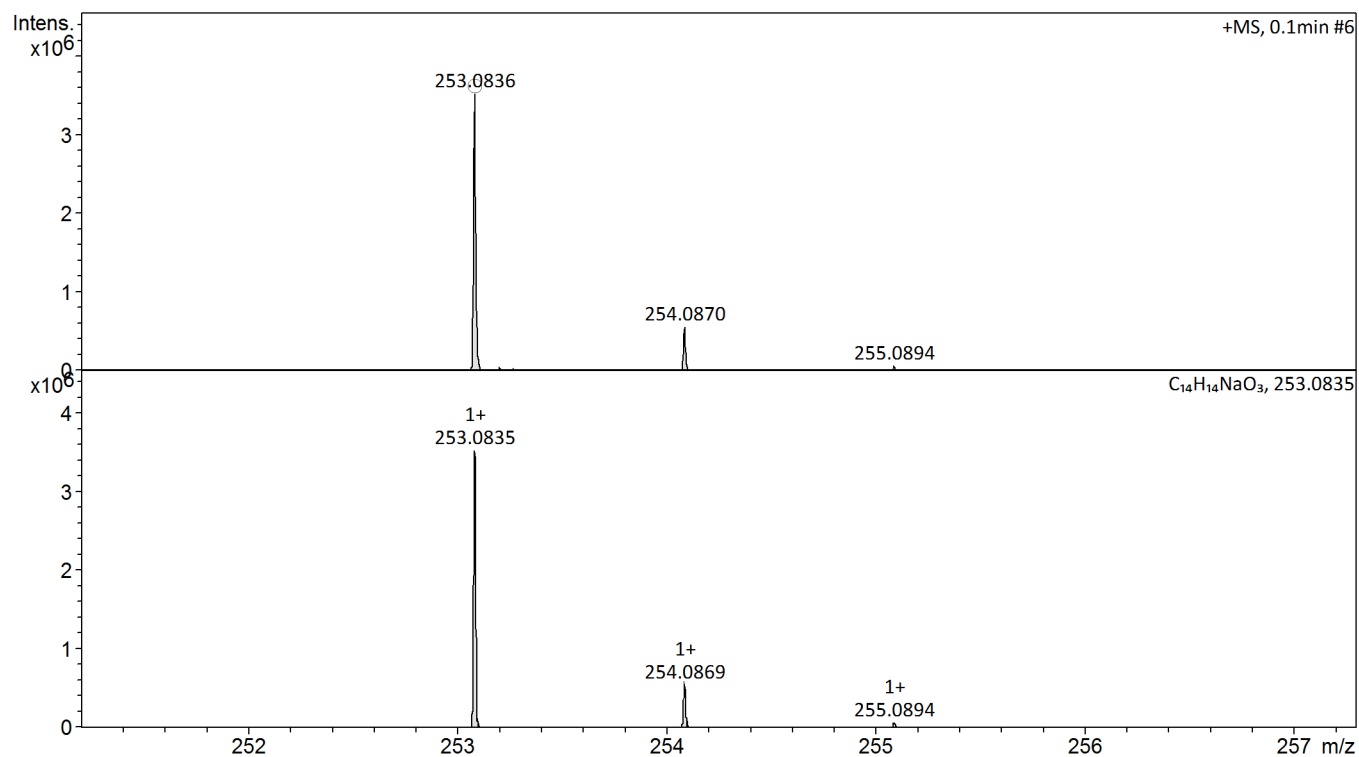
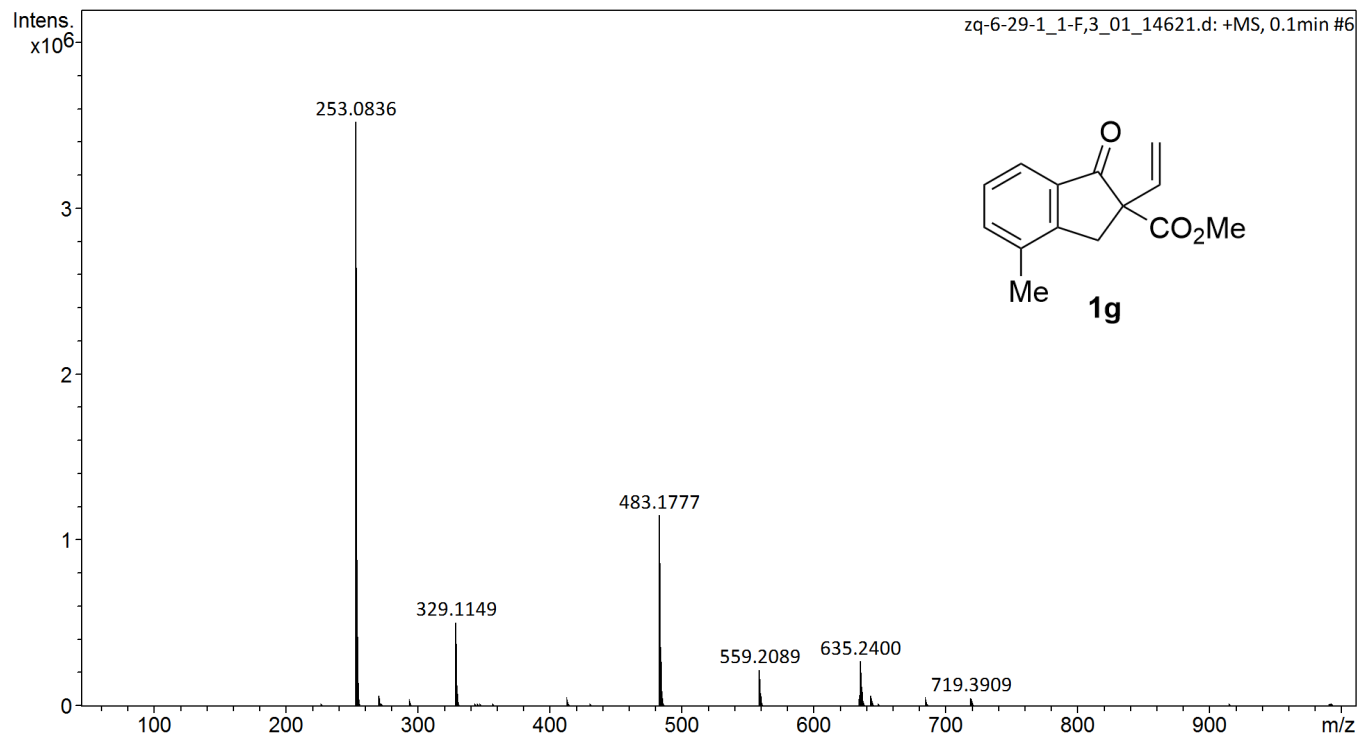
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-29-1_1-F,3_01_14621.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-29-1
Comment

Acquisition Date 1/28/2021 4:31:09 PM

Operator BDAL@DE
Instrument impact II



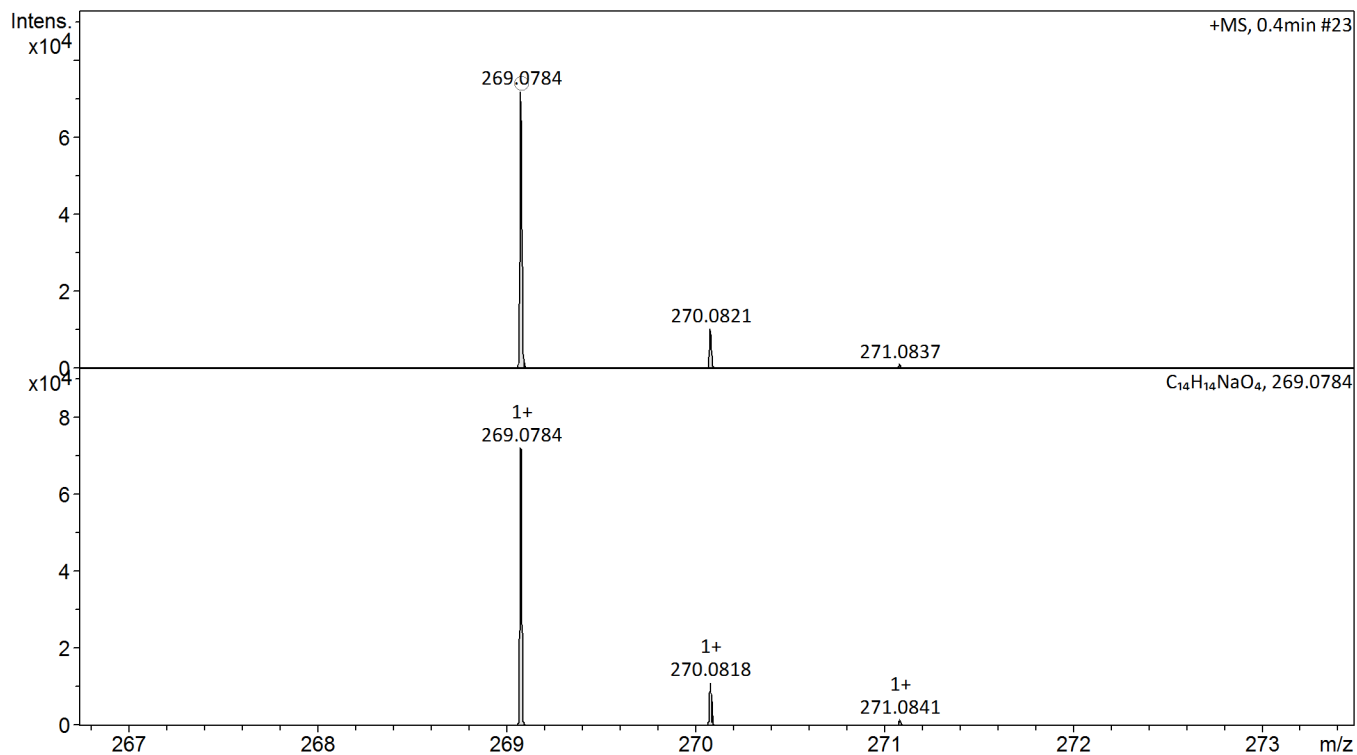
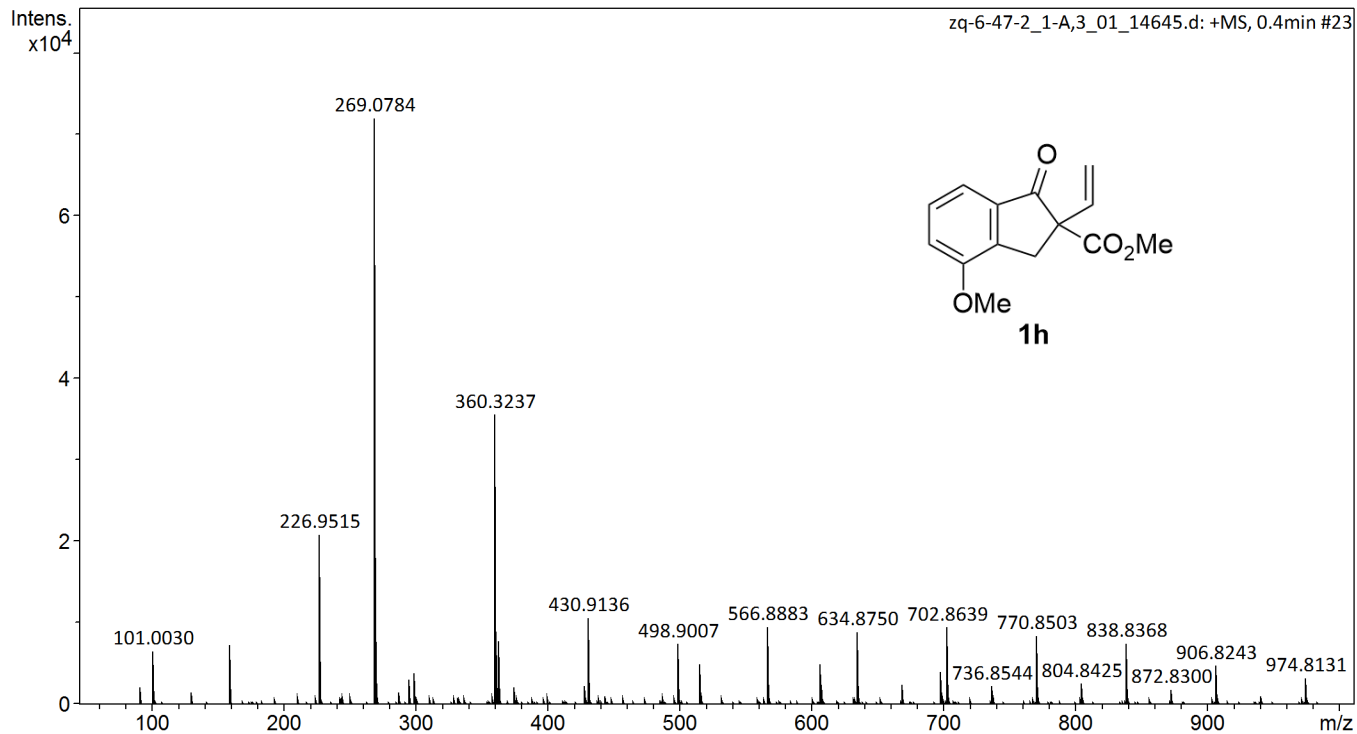
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-47-2_1-A,3_01_14645.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-47-2
Comment

Acquisition Date 1/29/2021 10:58:39 AM

Operator BDAL@DE
Instrument impact II



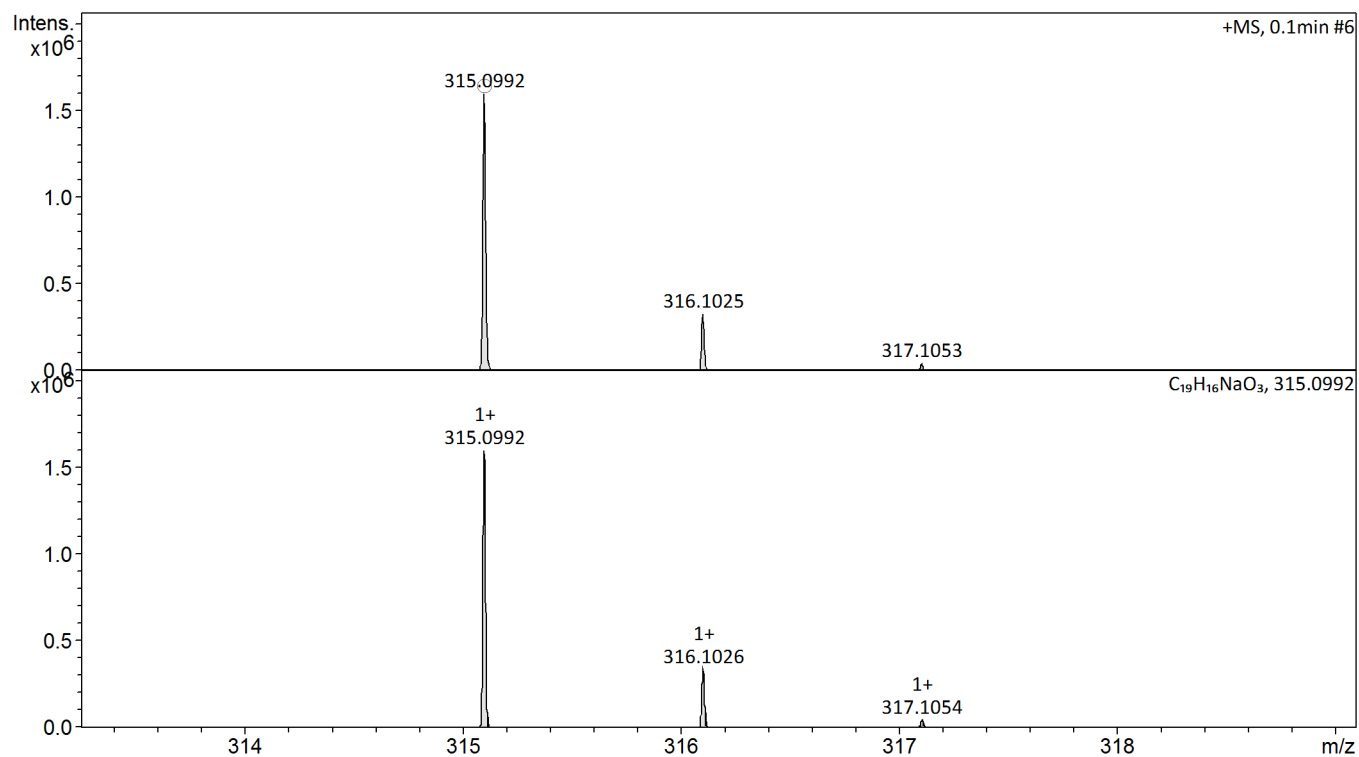
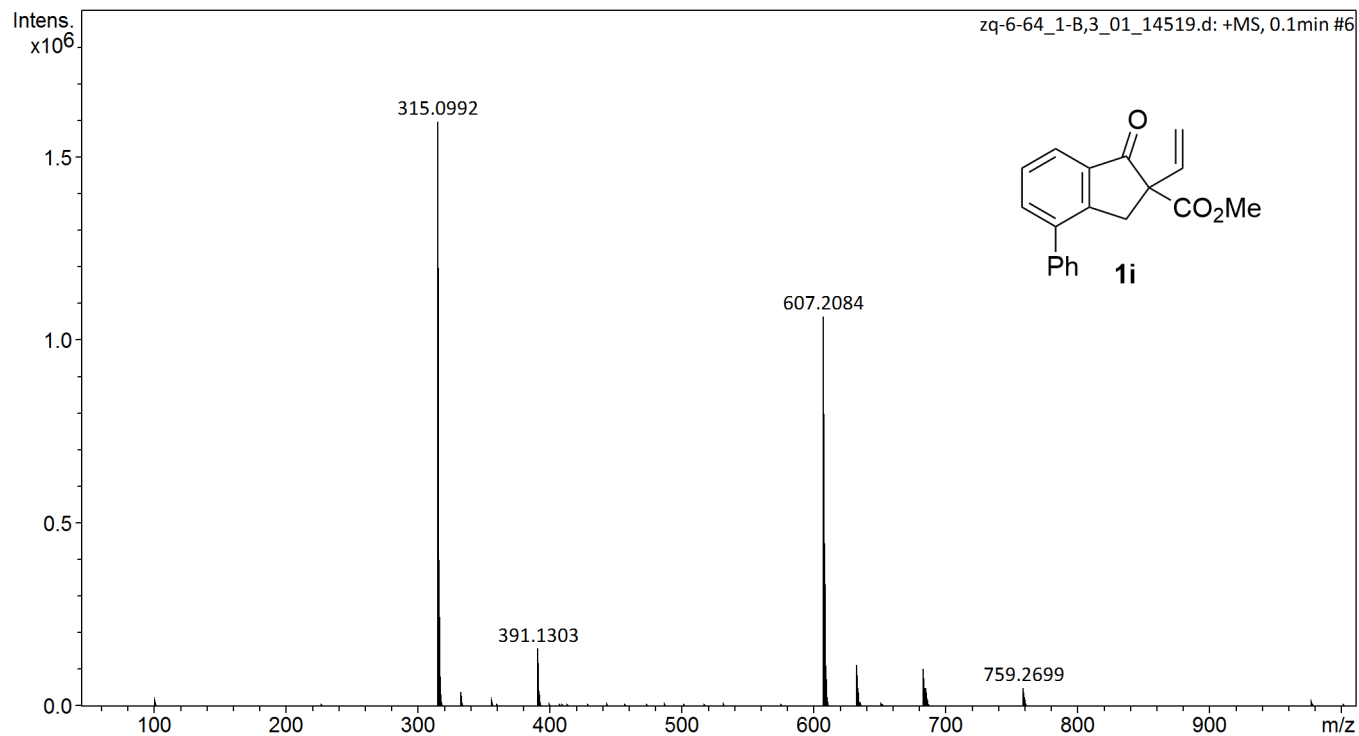
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-64_1-B,3_01_14519.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-64
Comment

Acquisition Date 1/27/2021 1:11:45 PM

Operator BDAL@DE
Instrument impact II



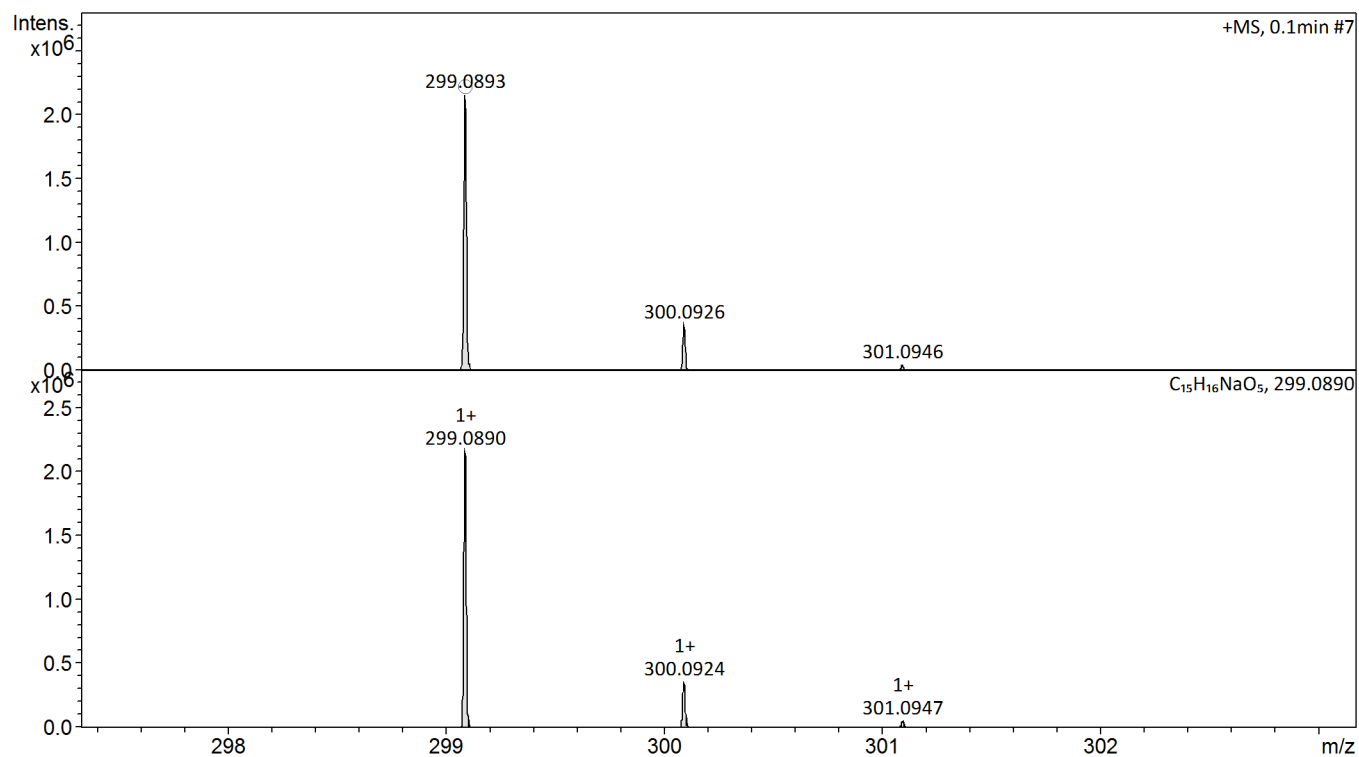
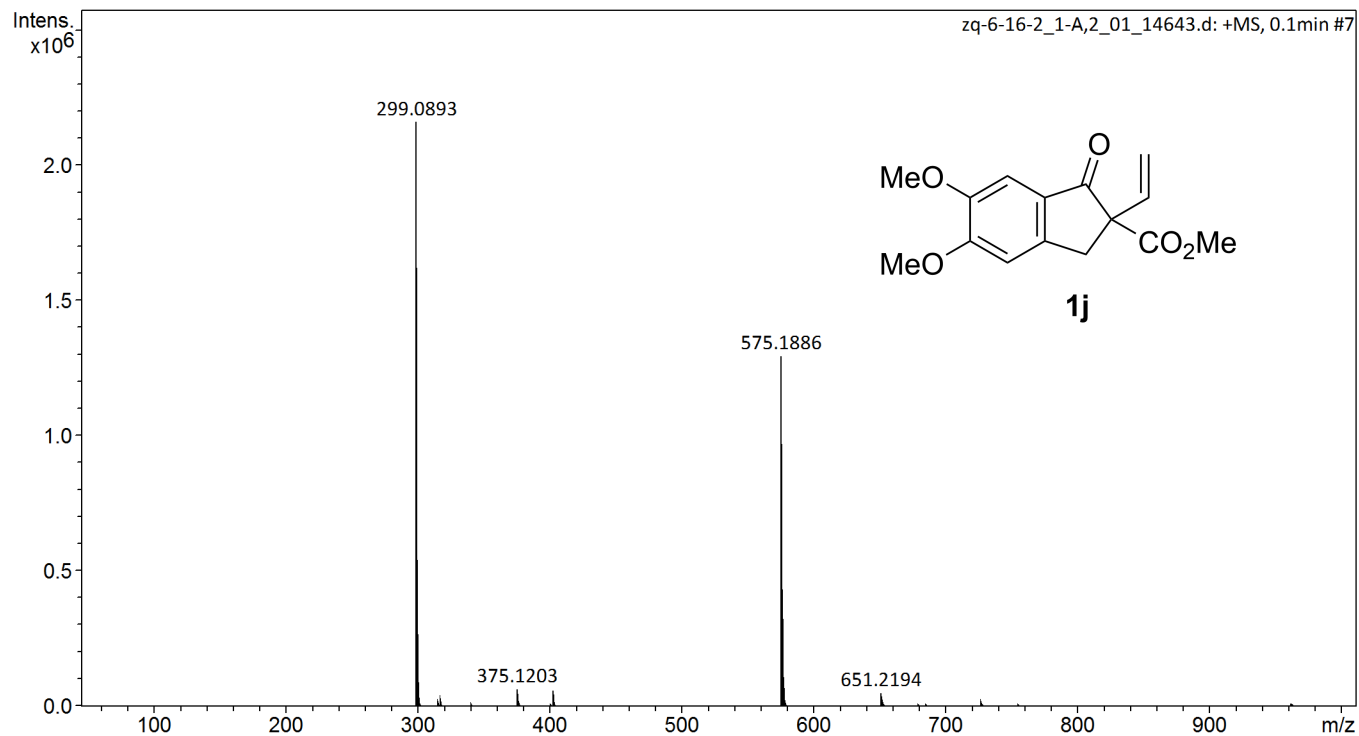
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-16-2_1-A,2_01_14643.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-16-2
Comment

Acquisition Date 1/29/2021 10:51:26 AM

Operator BDAL@DE
Instrument impact II



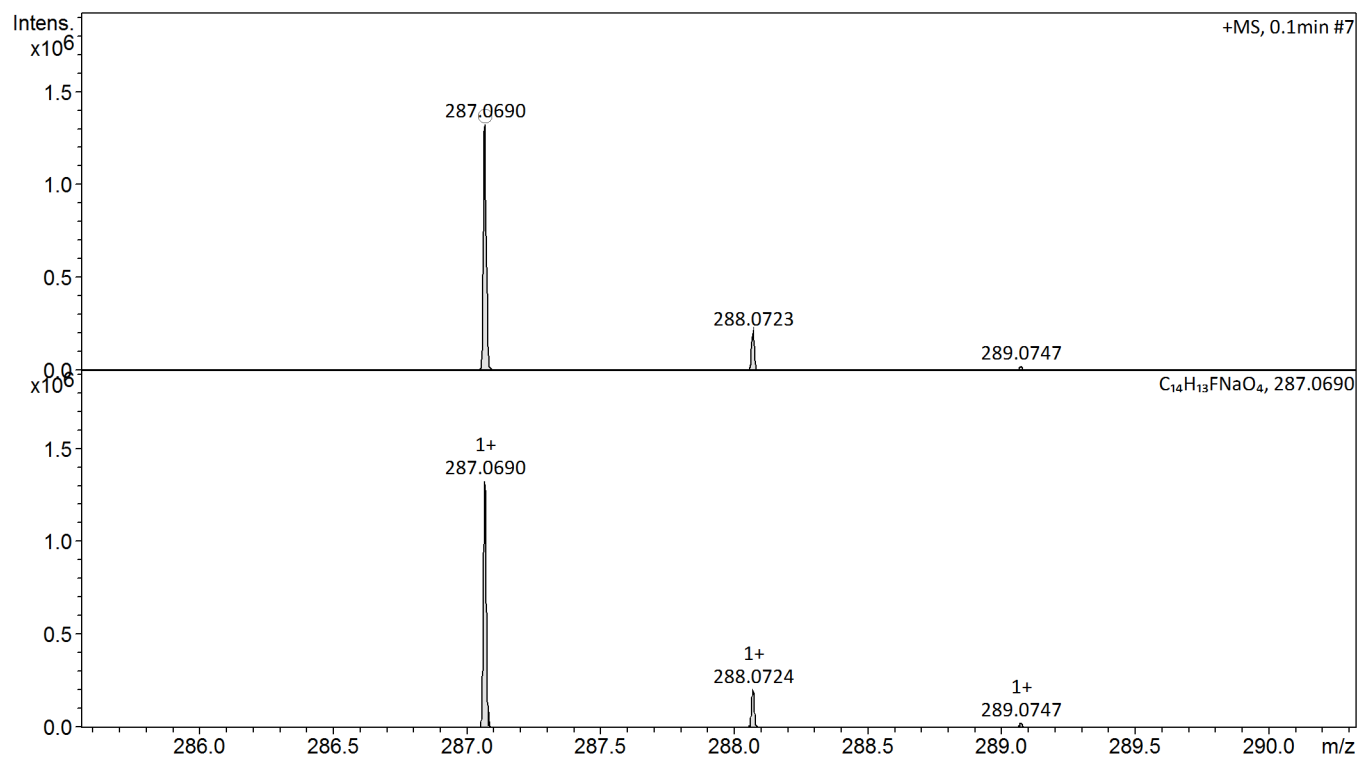
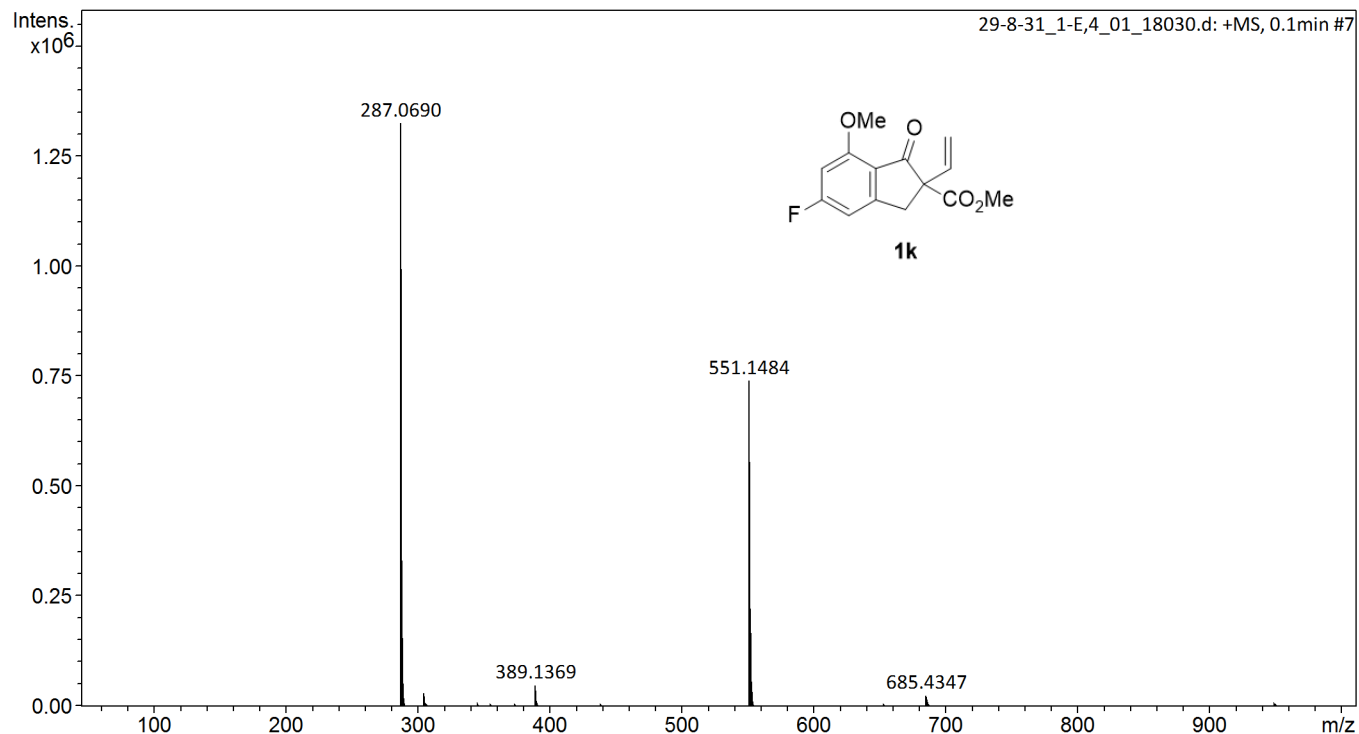
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202107\bhl\29-8-31_1-E,4_01_18030.d
Method pq-ms-pos-50-1000.m
Sample Name 29-8-31
Comment

Acquisition Date 7/8/2021 10:55:17 AM

Operator BDAL@DE
Instrument impact II



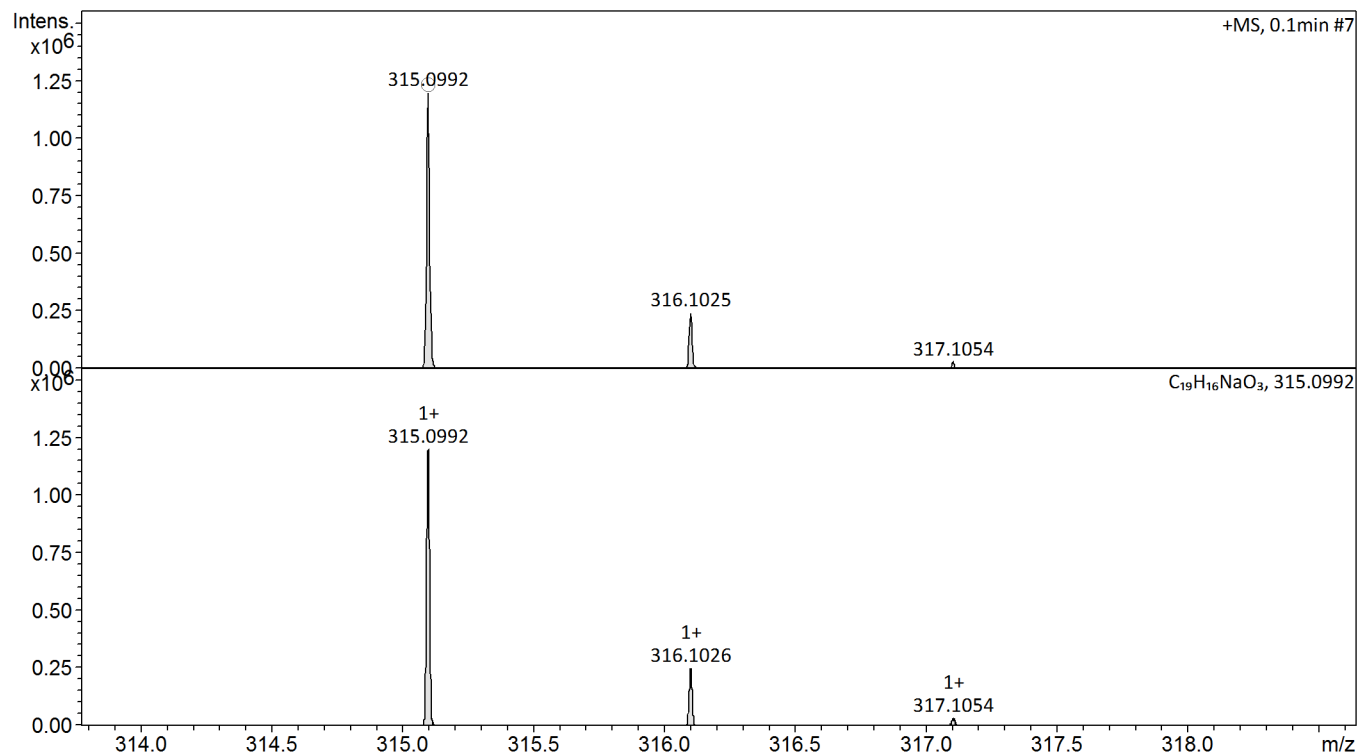
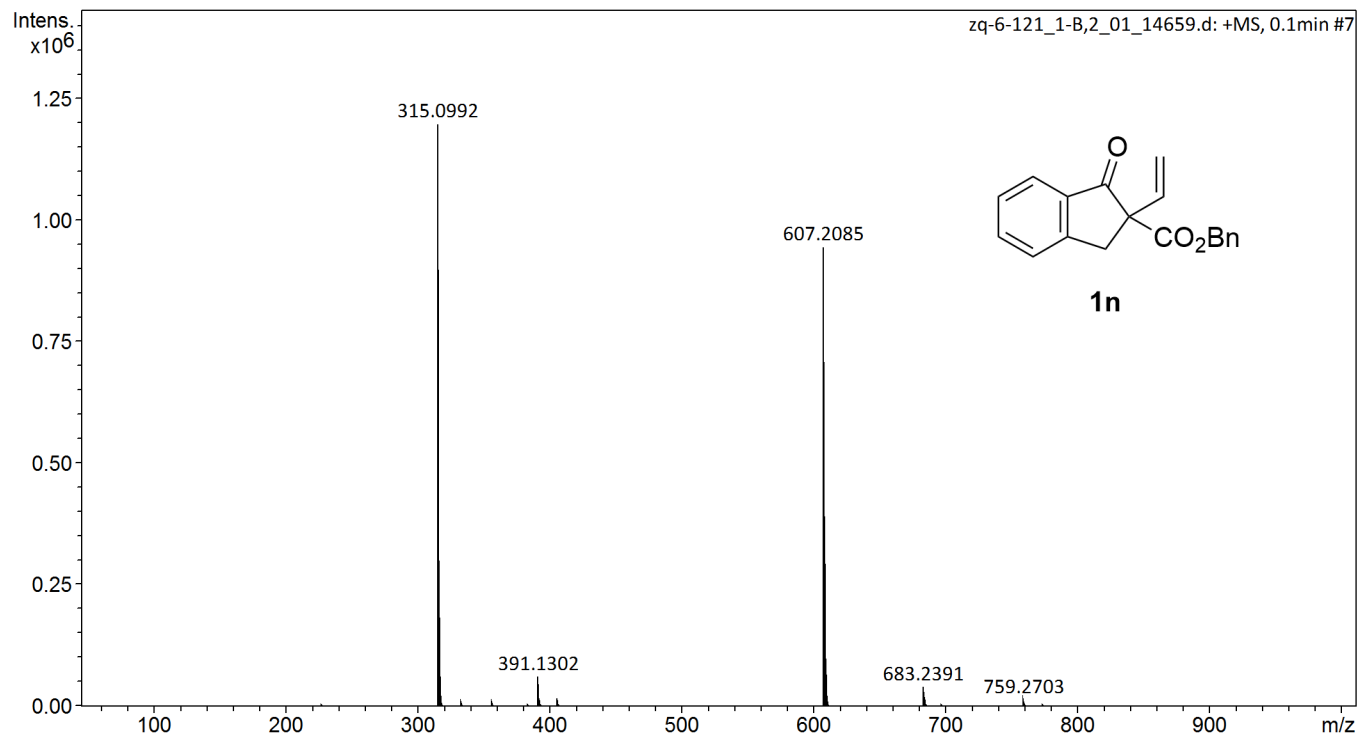
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-121_1-B,2_01_14659.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-121
Comment

Acquisition Date 1/29/2021 11:51:16 AM

Operator BDAL@DE
Instrument impact II



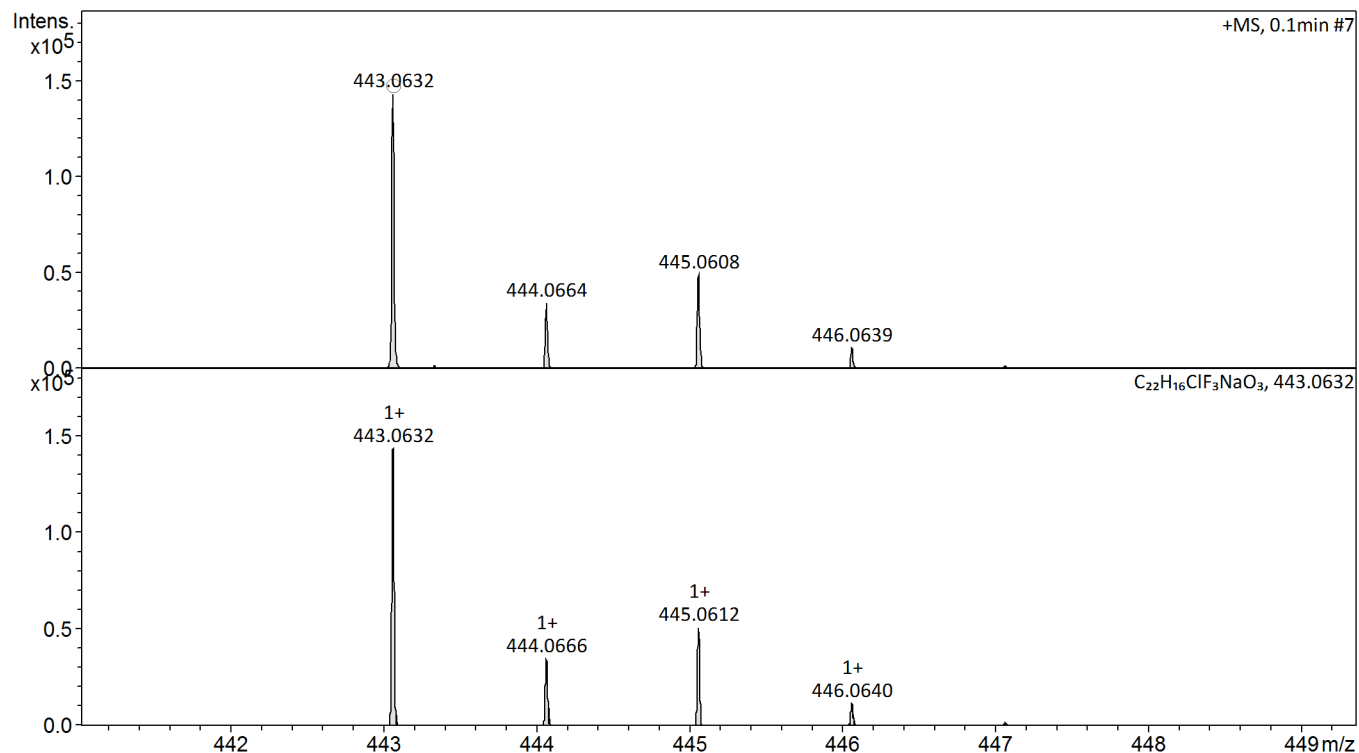
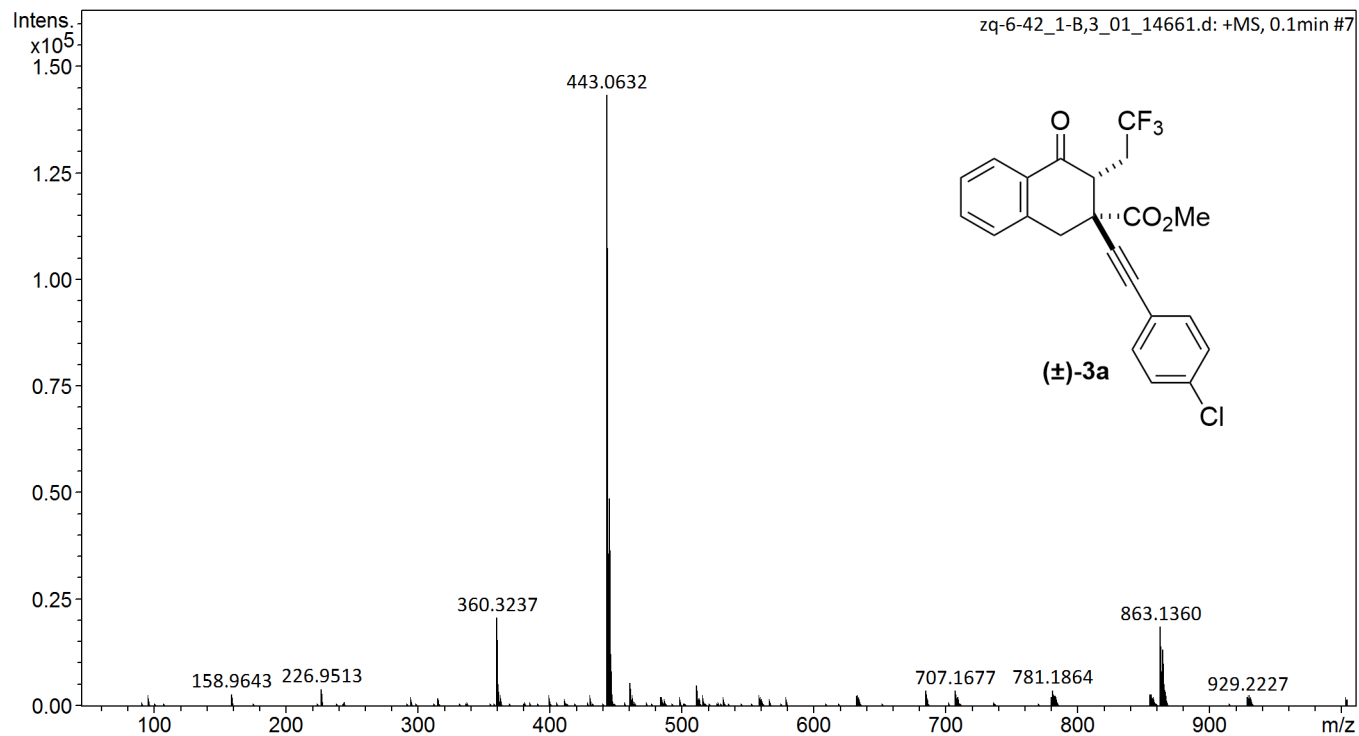
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-42_1-B,3_01_14661.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-42
Comment

Acquisition Date 1/29/2021 11:57:59 AM

Operator BDAL@DE
Instrument impact II



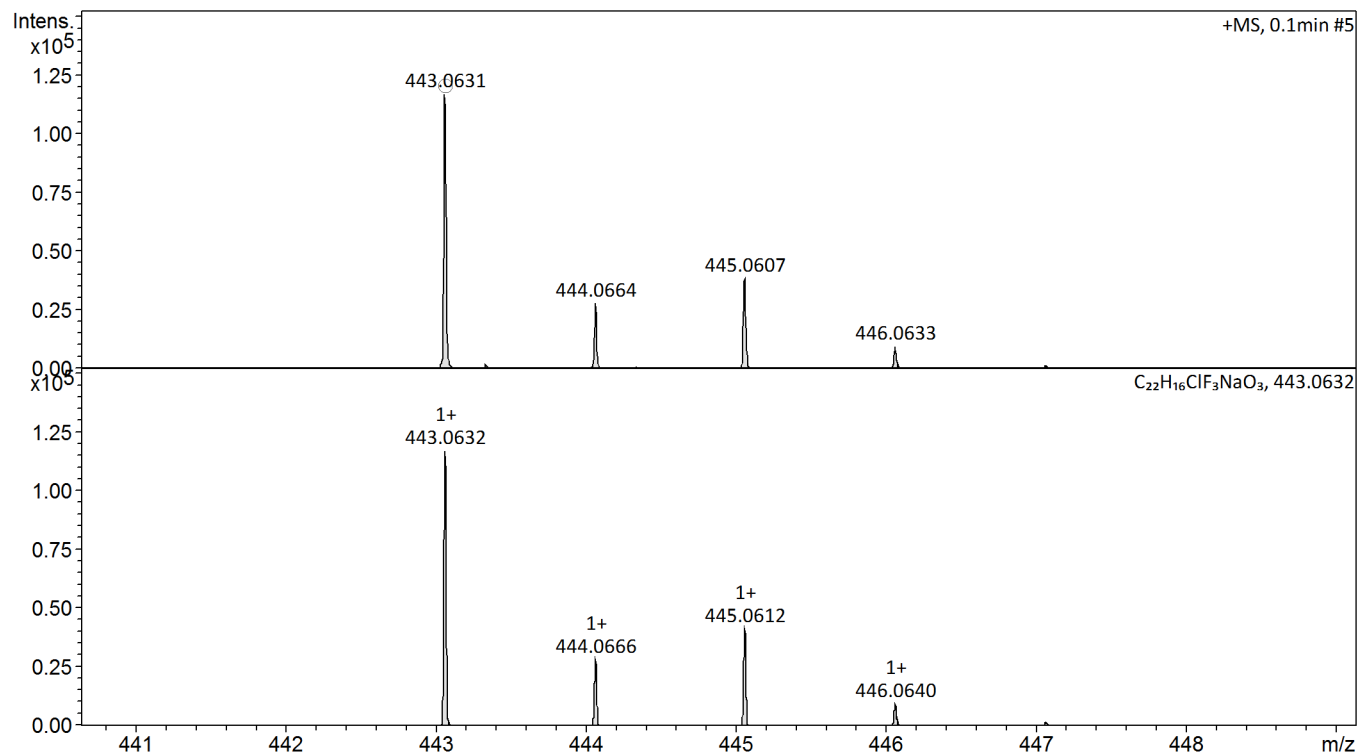
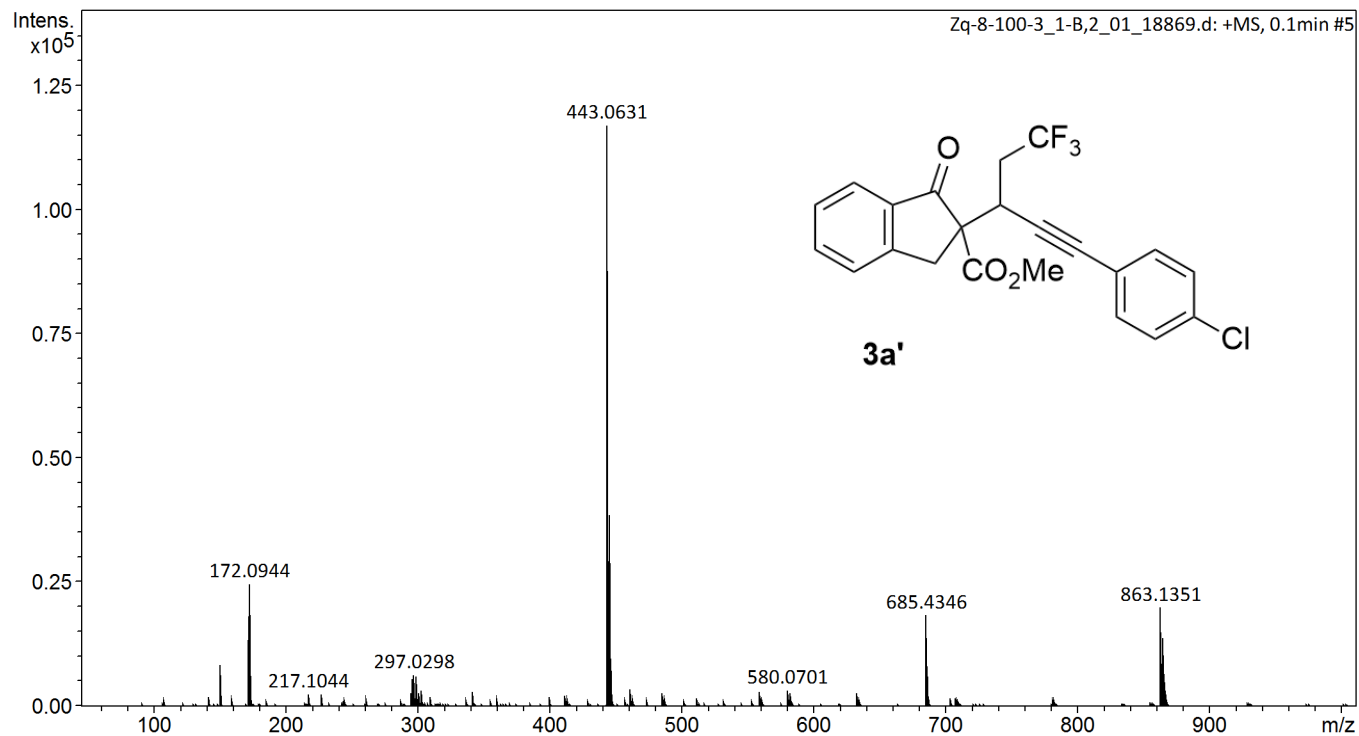
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-100-3_1-B,2_01_18869.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-100-3
Comment

Acquisition Date 8/26/2021 11:29:06 AM

Operator BDAL@DE
Instrument impact II



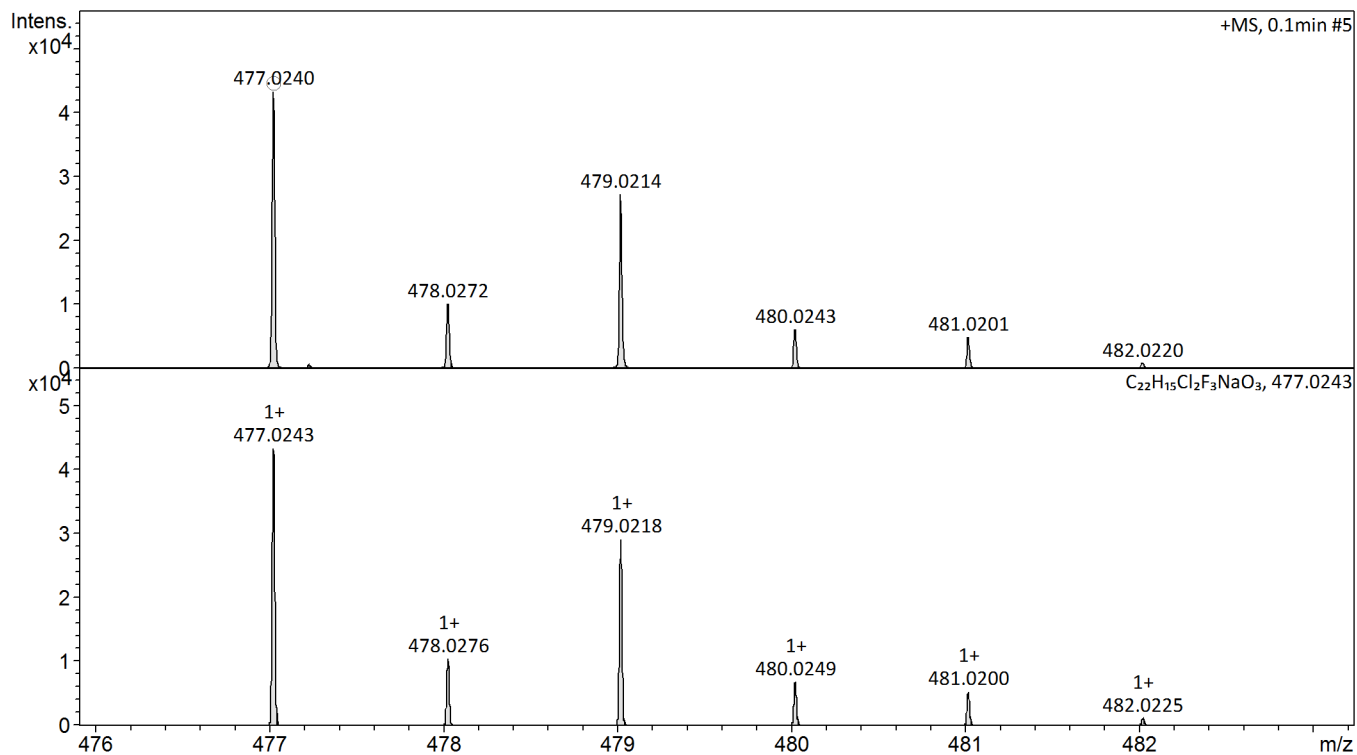
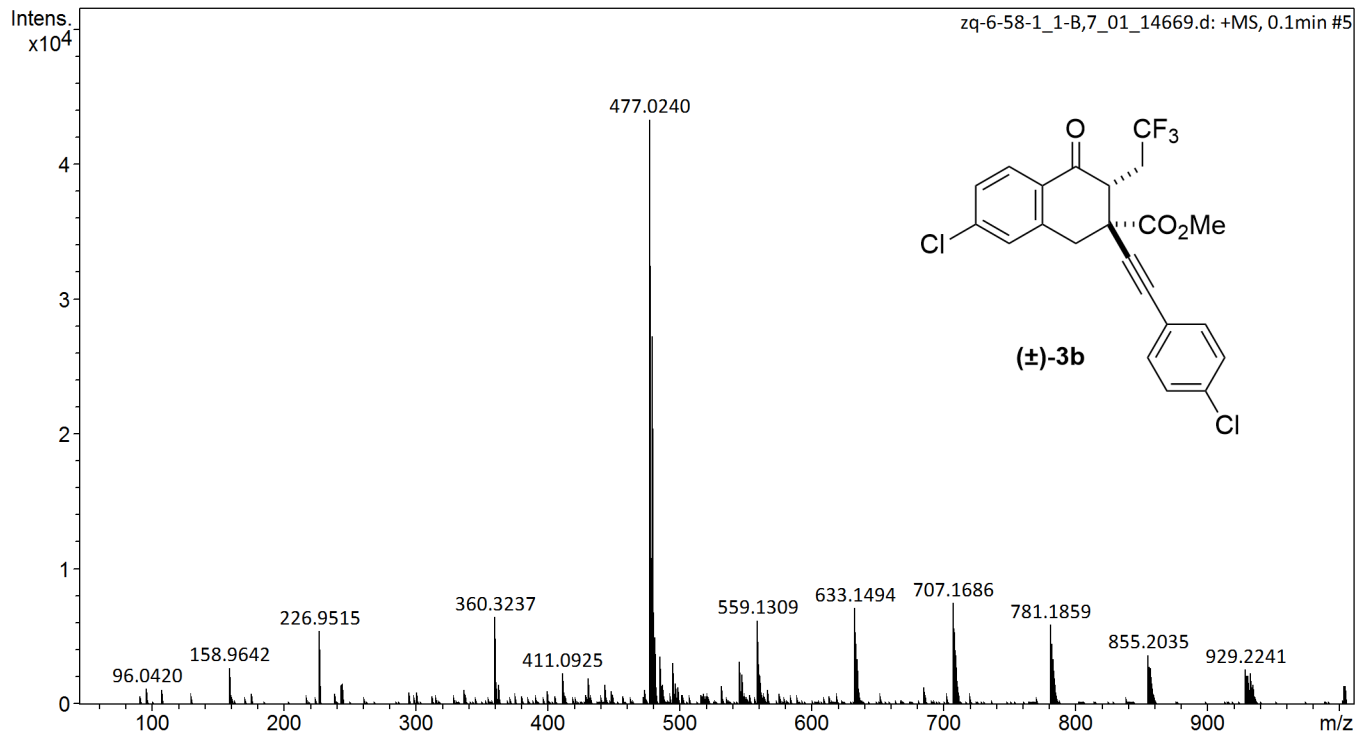
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-58-1_1-B,7_01_14669.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-58-1
Comment

Acquisition Date 1/29/2021 12:24:55 PM

Operator BDAL@DE
Instrument impact II



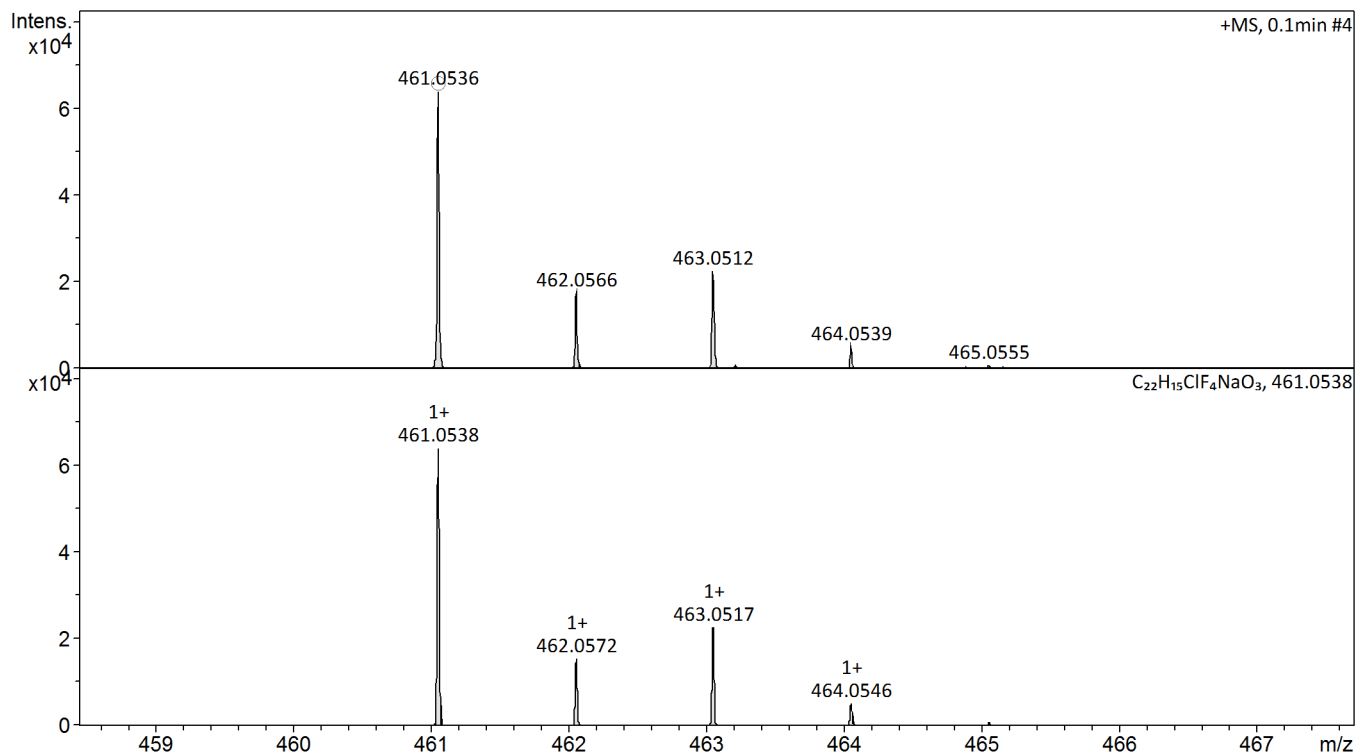
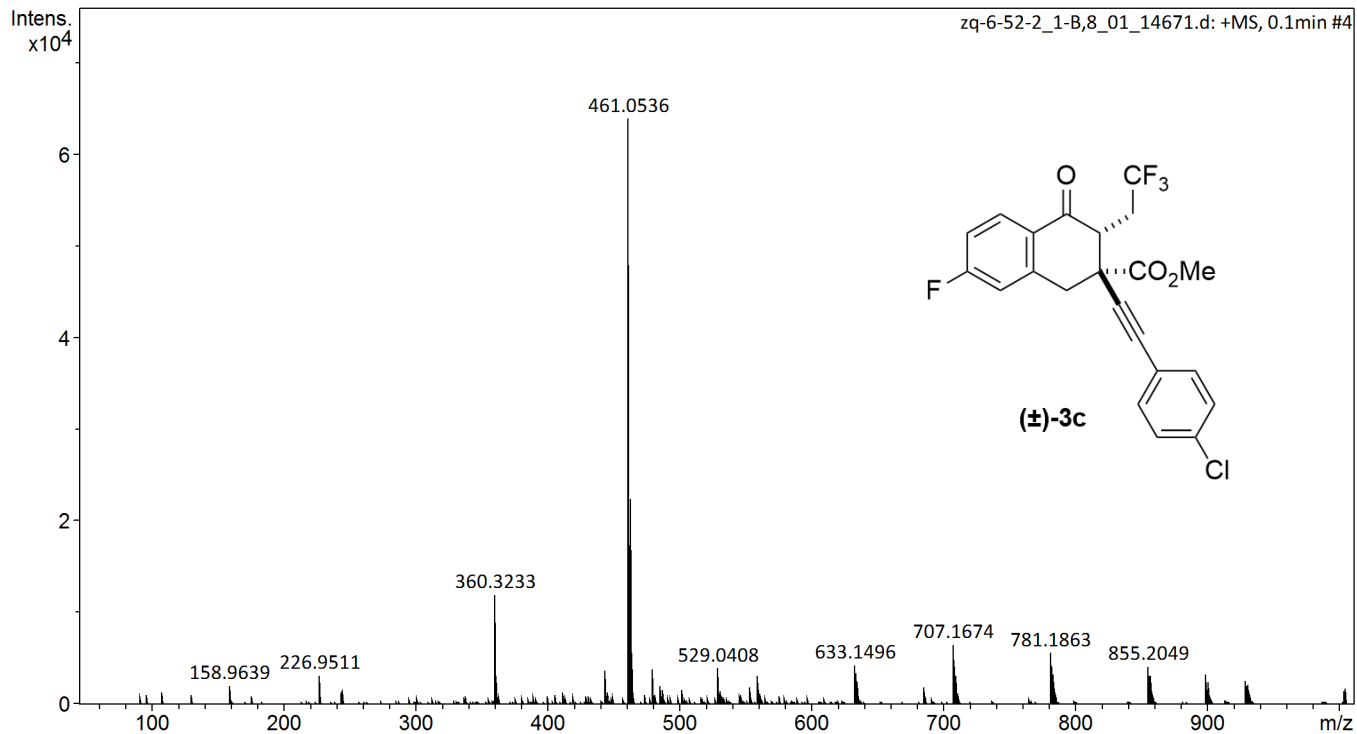
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-52-2_1-B,8_01_14671.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-52-2
Comment

Acquisition Date 1/29/2021 12:31:41 PM

Operator BDAL@DE
Instrument impact II



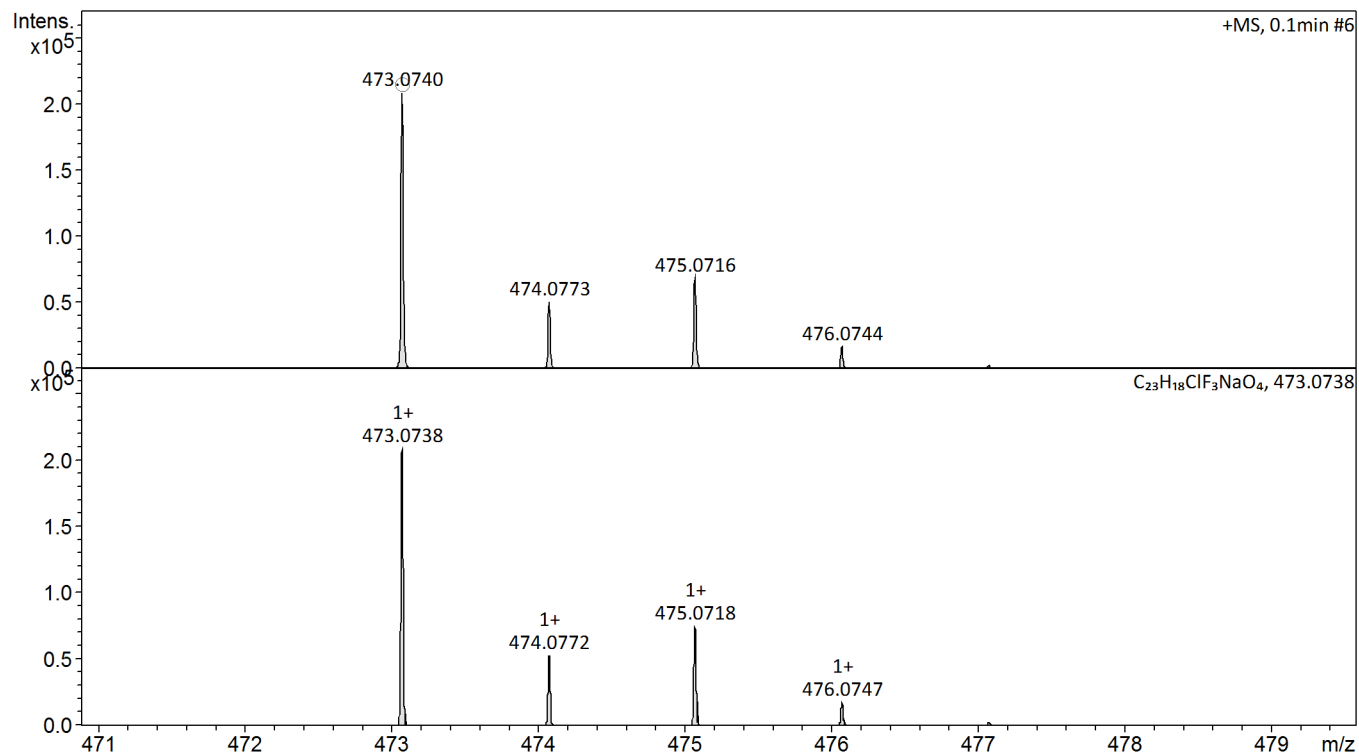
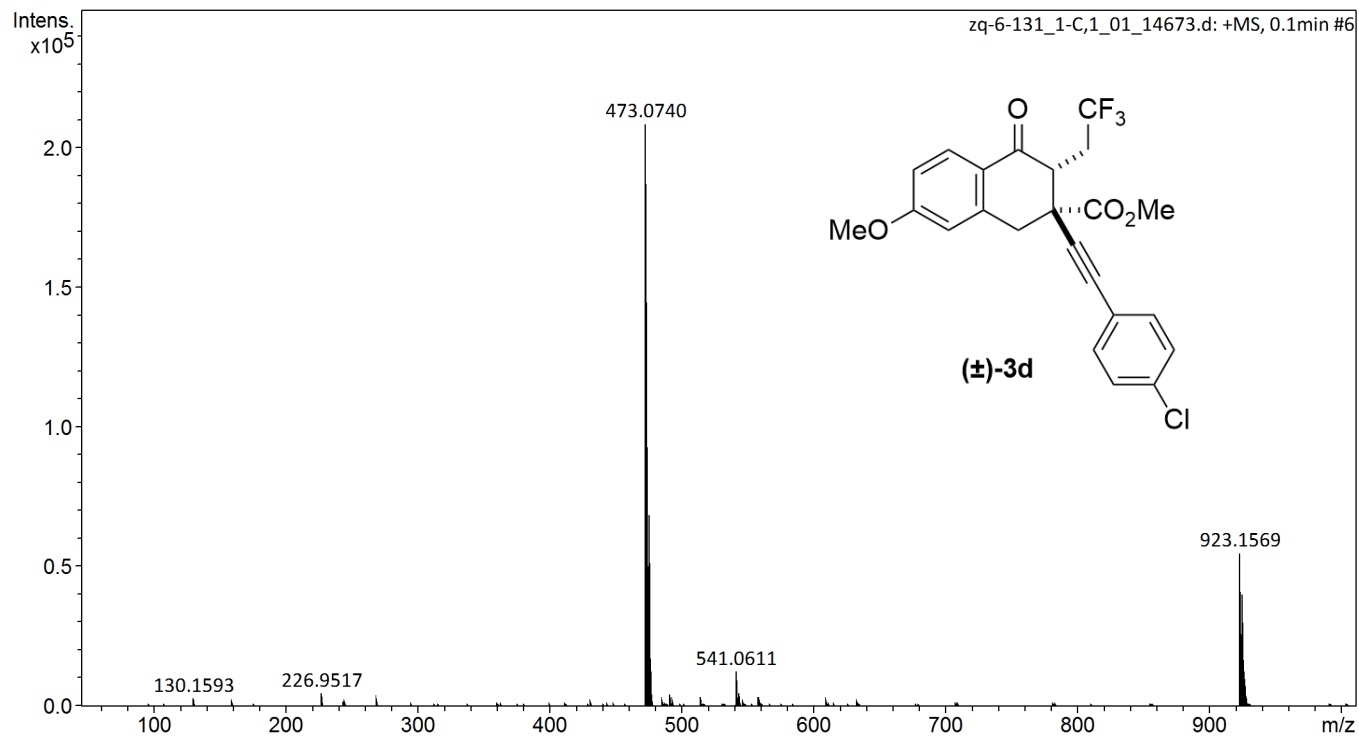
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-131_1-C,1_01_14673.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-131
Comment

Acquisition Date 1/29/2021 12:38:23 PM

Operator BDAL@DE
Instrument impact II



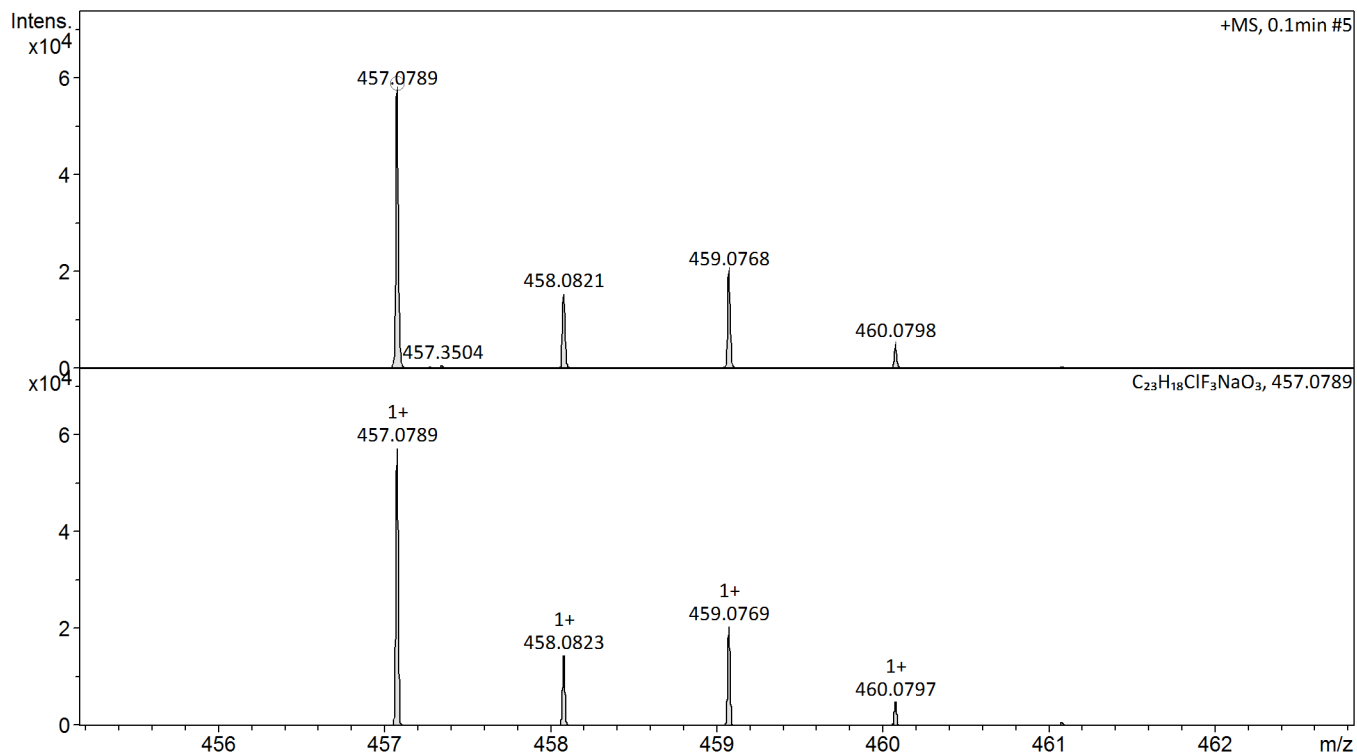
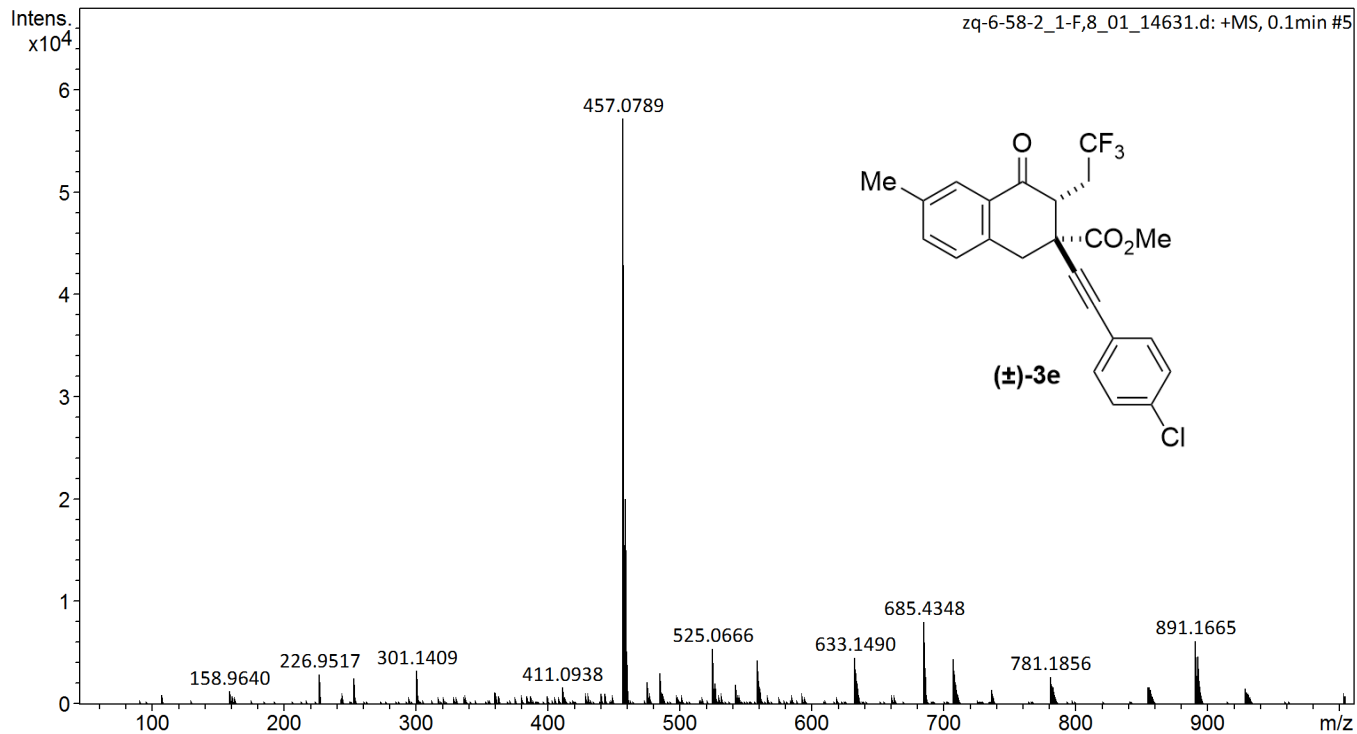
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-58-2_1-F,8_01_14631.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-58-2
Comment

Acquisition Date 1/28/2021 5:04:49 PM

Operator BDAL@DE
Instrument impact II



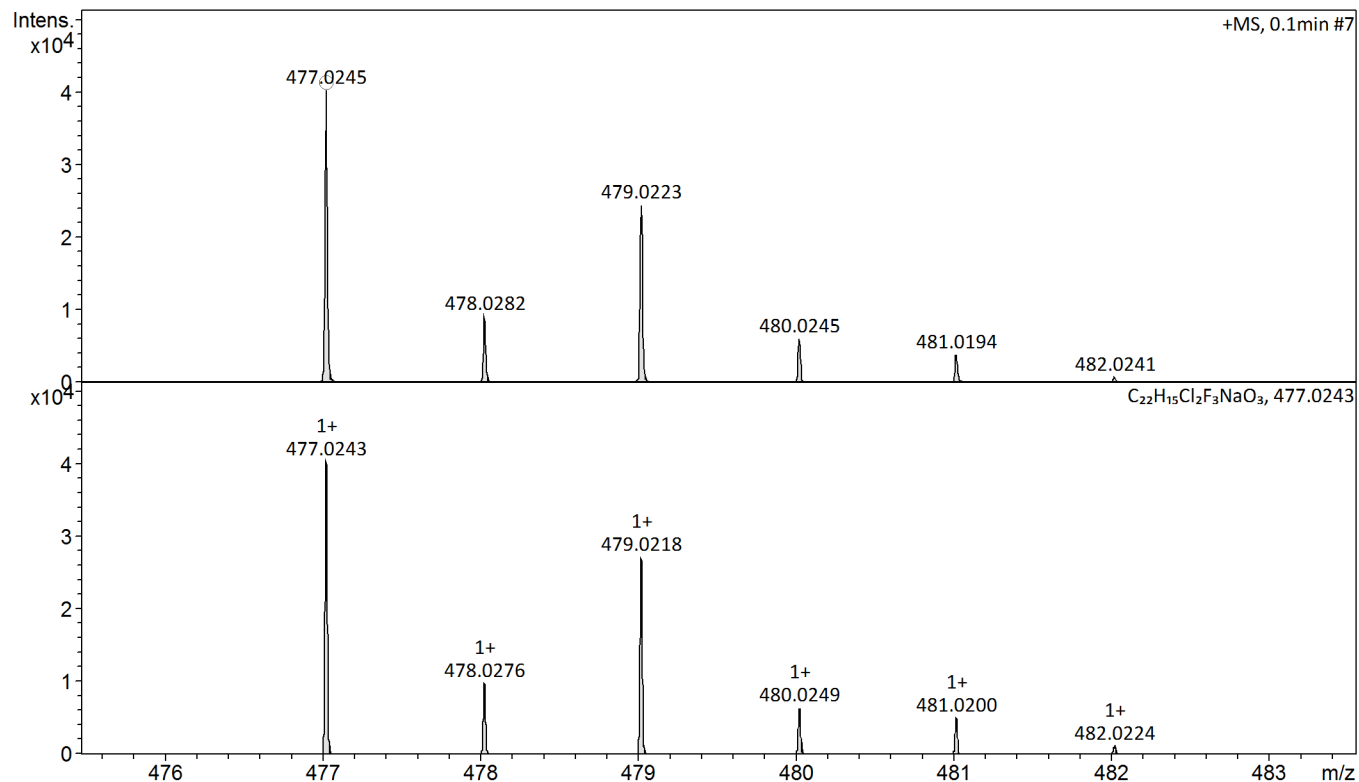
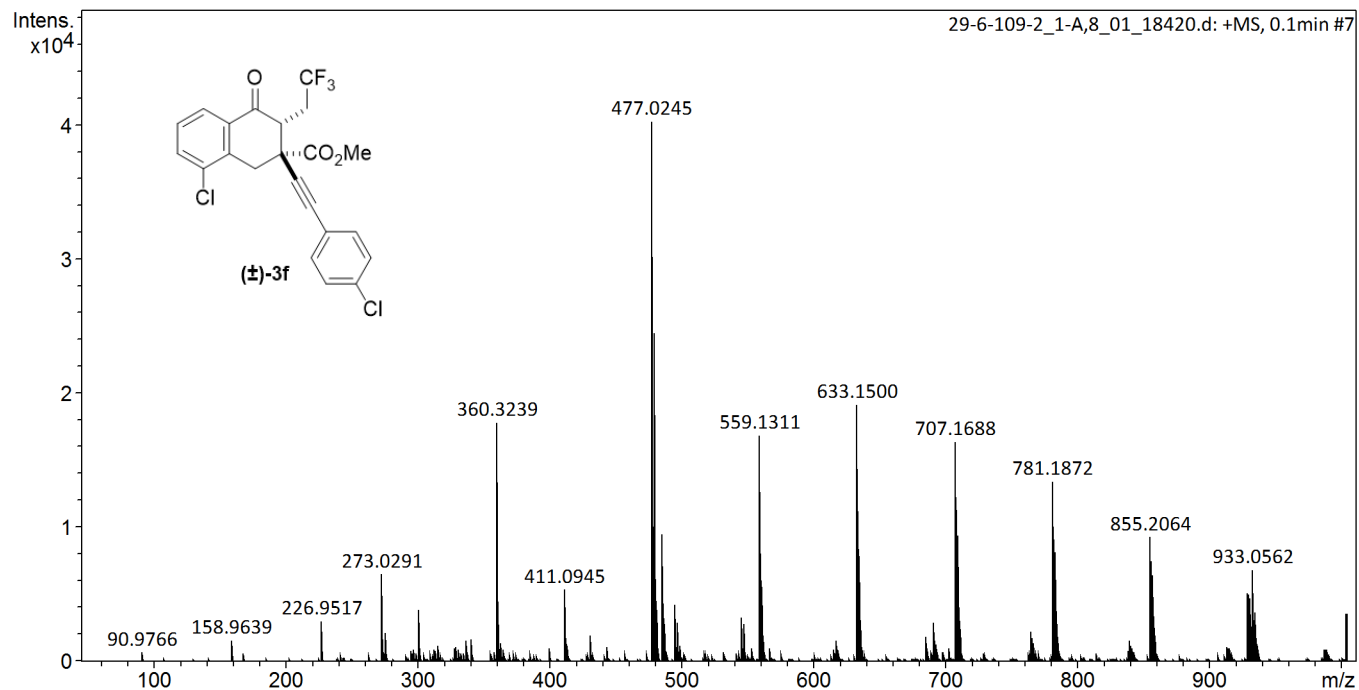
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202107\bhl\29-6-109-2_1-A,8_01_18420.d
Method pq-ms-pos-50-1000.m
Sample Name 29-6-109-2
Comment

Acquisition Date 7/15/2021 4:39:23 PM

Operator BDAL@DE
Instrument impact II



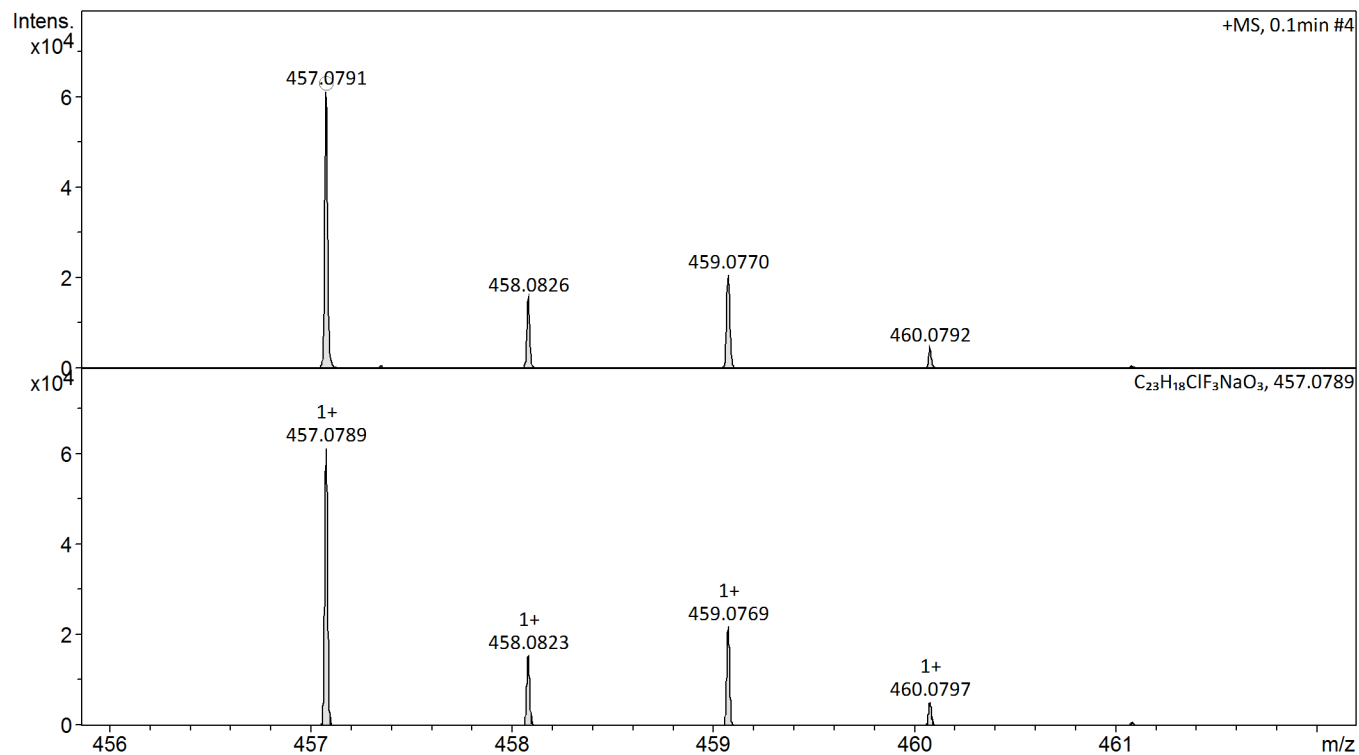
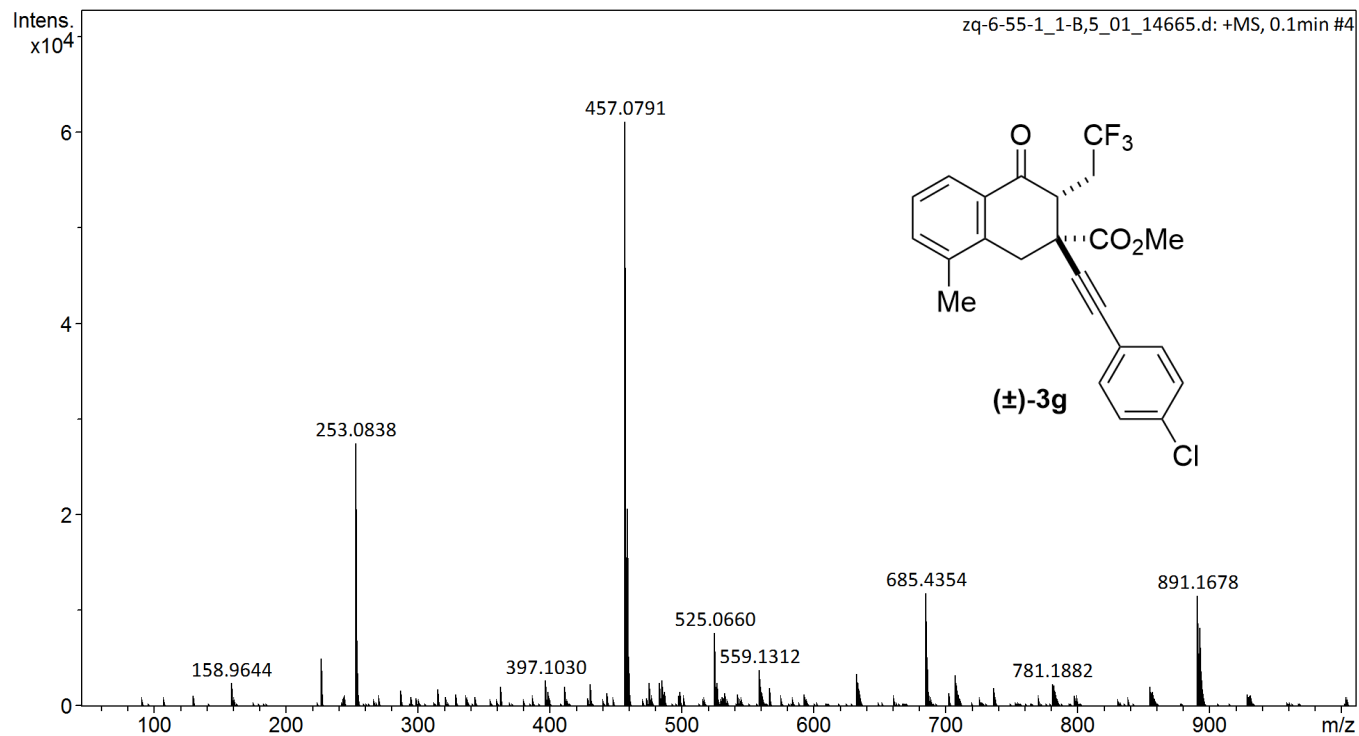
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-55-1_1-B,5_01_14665.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-55-1
Comment

Acquisition Date 1/29/2021 12:11:28 PM

Operator BDAL@DE
Instrument impact II



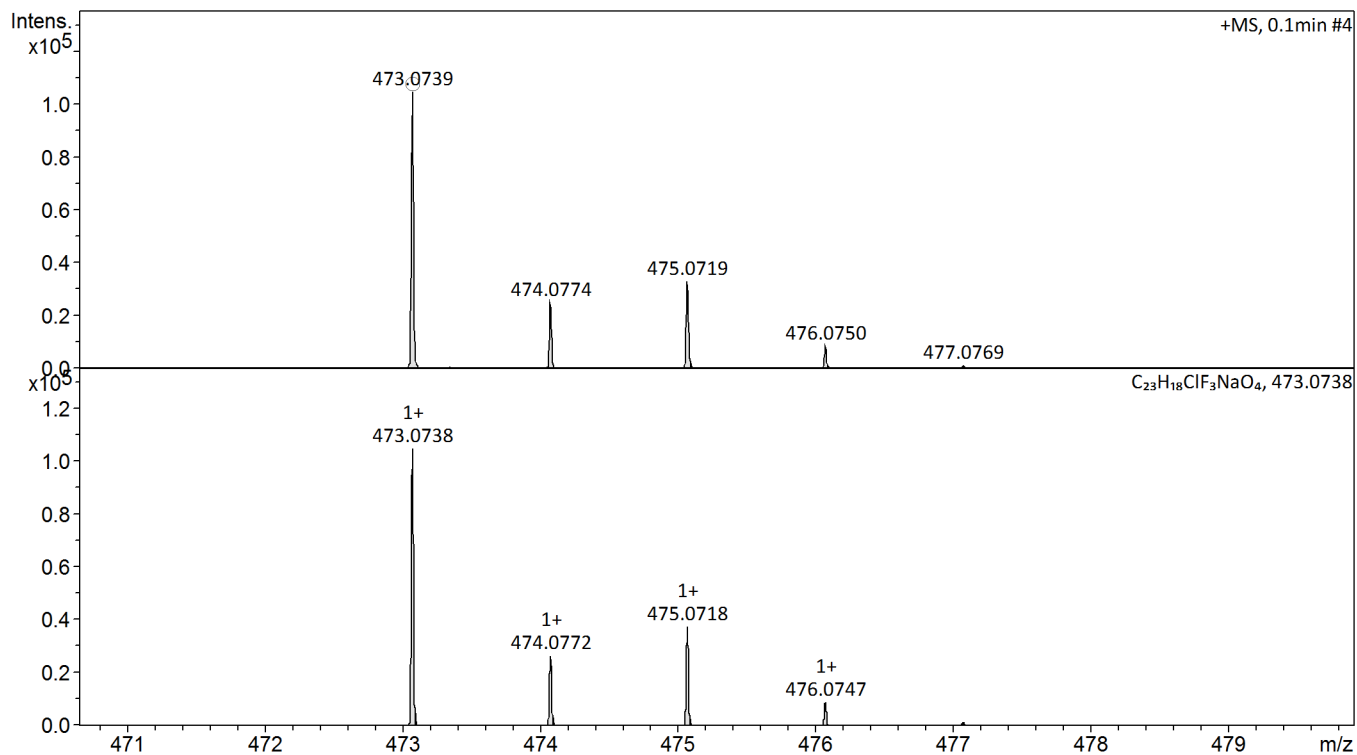
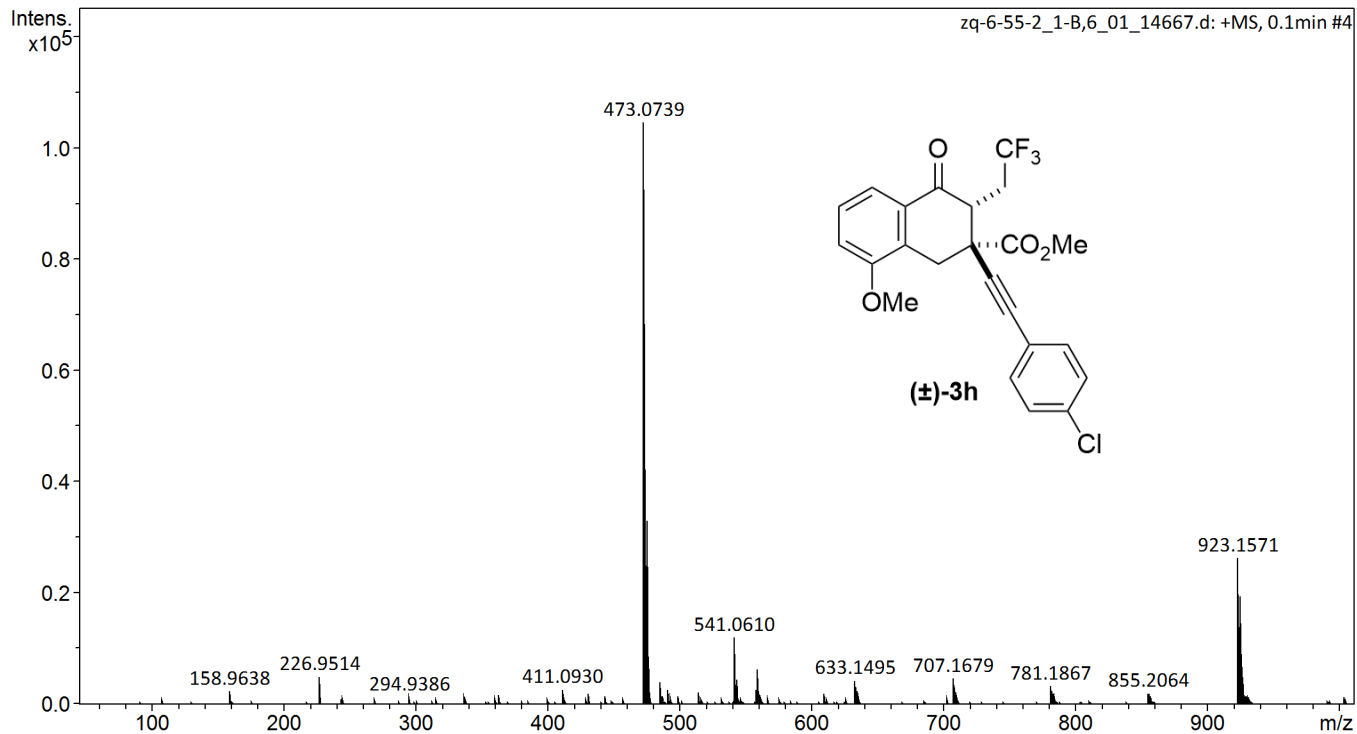
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-55-2_1-B,6_01_14667.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-55-2
Comment

Acquisition Date 1/29/2021 12:18:12 PM

Operator BDAL@DE
Instrument impact II



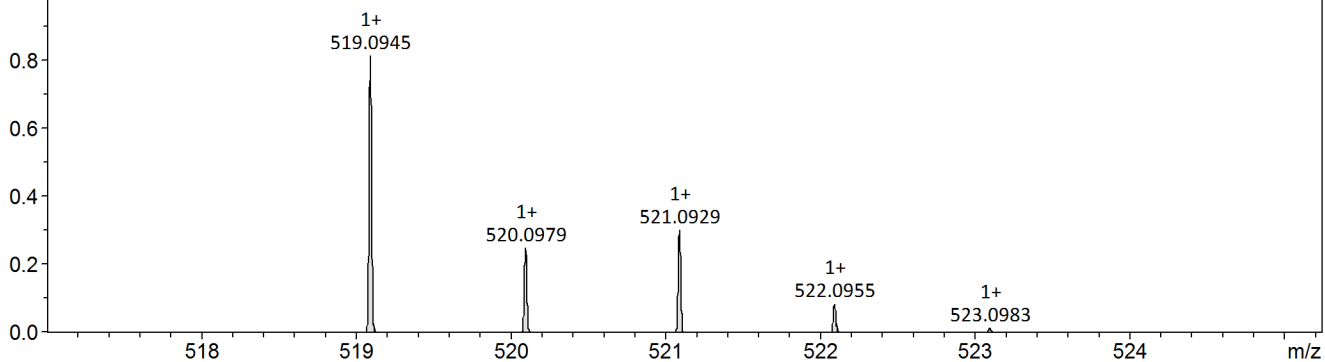
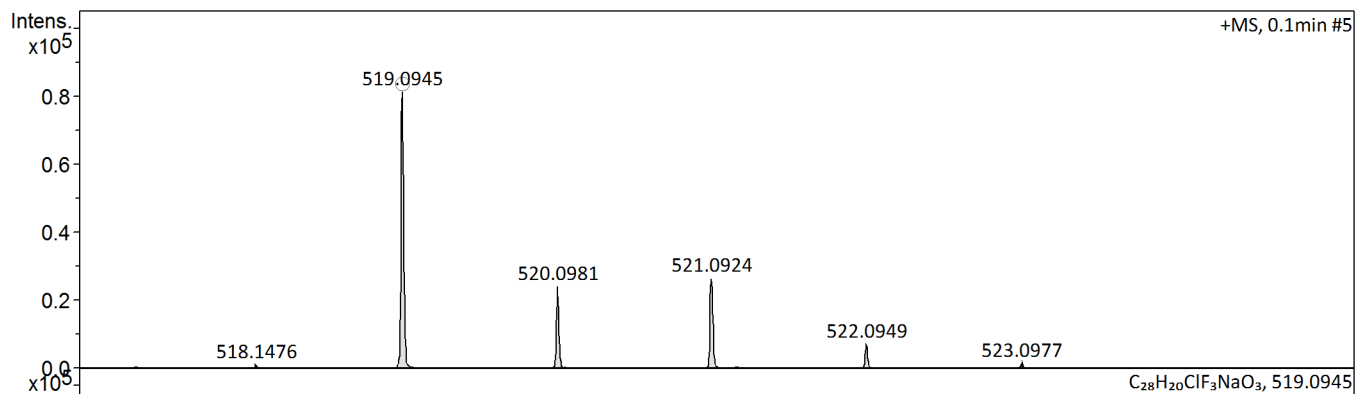
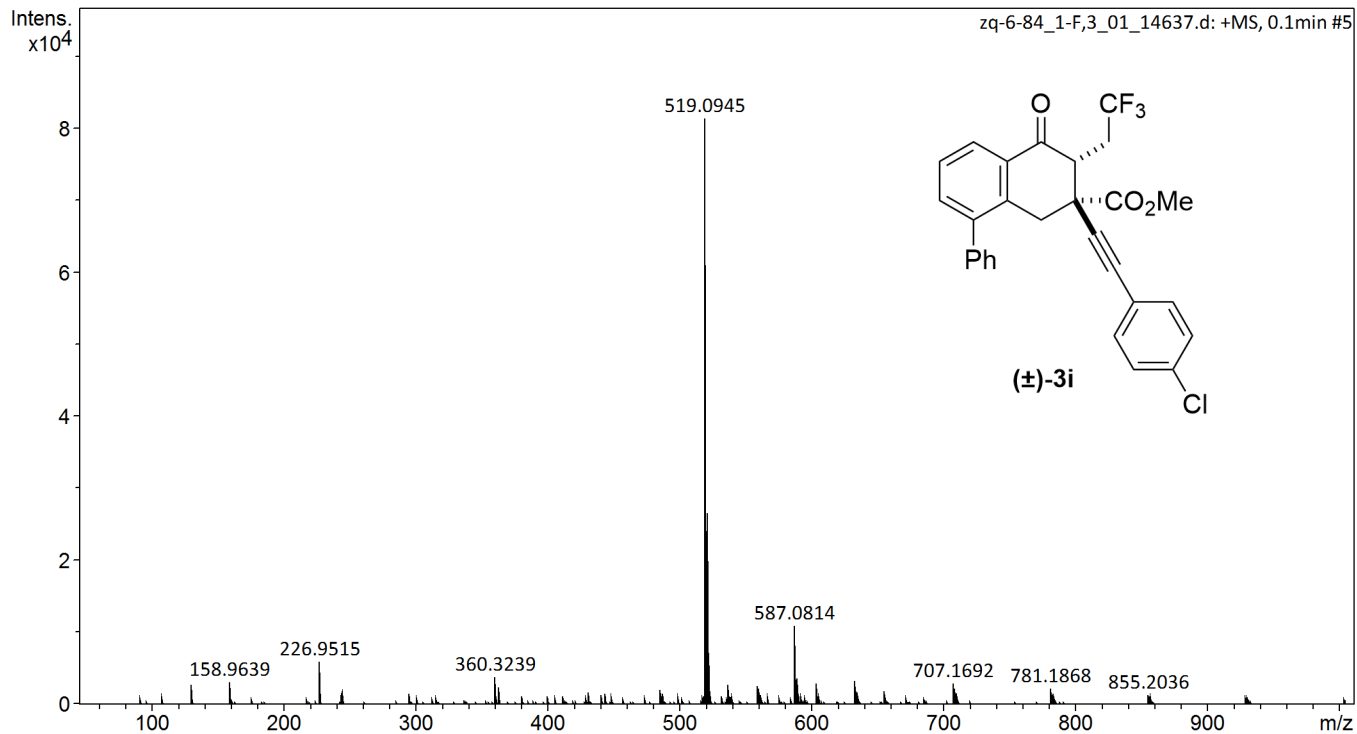
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-84_1-F,3_01_14637.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-84
Comment

Acquisition Date 1/28/2021 5:25:15 PM

Operator BDAL@DE
Instrument impact II



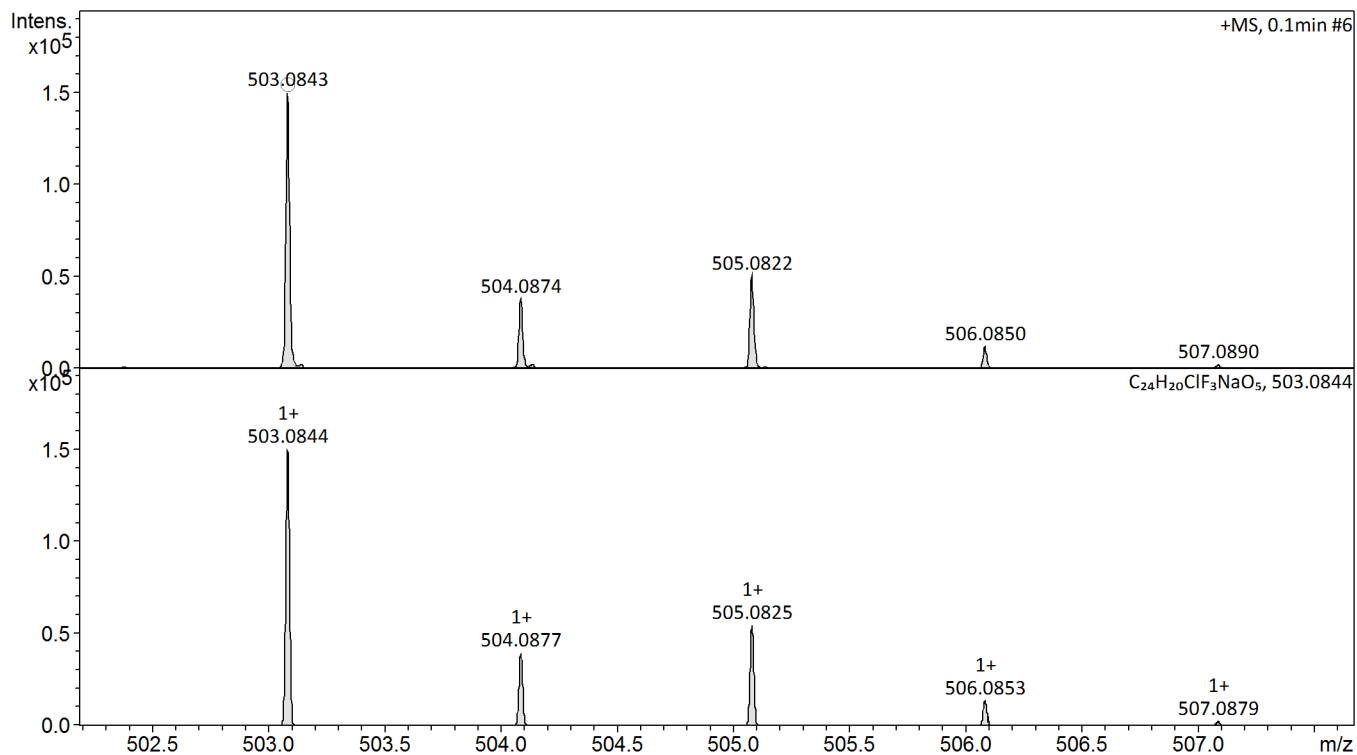
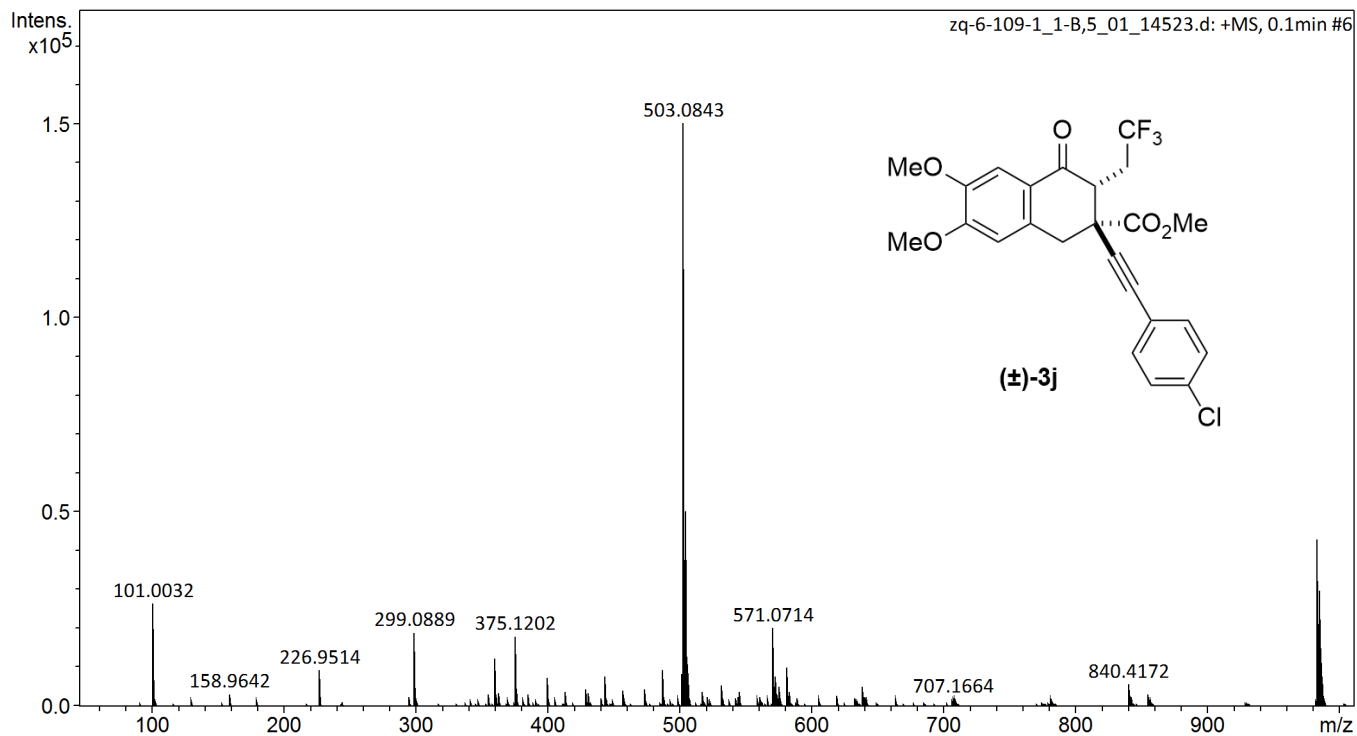
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-109-1_1-B,5_01_14523.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-109-1
Comment

Acquisition Date 1/27/2021 1:25:13 PM

Operator BDAL@DE
Instrument impact II



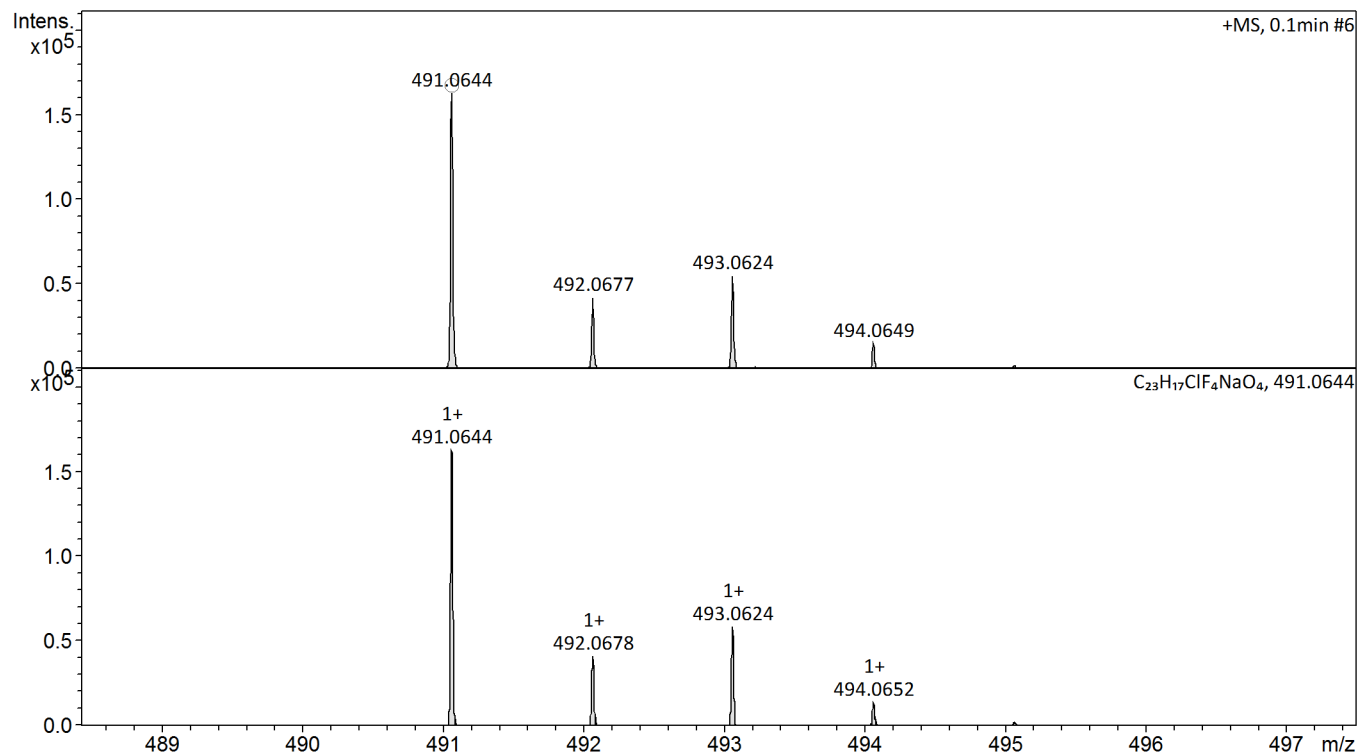
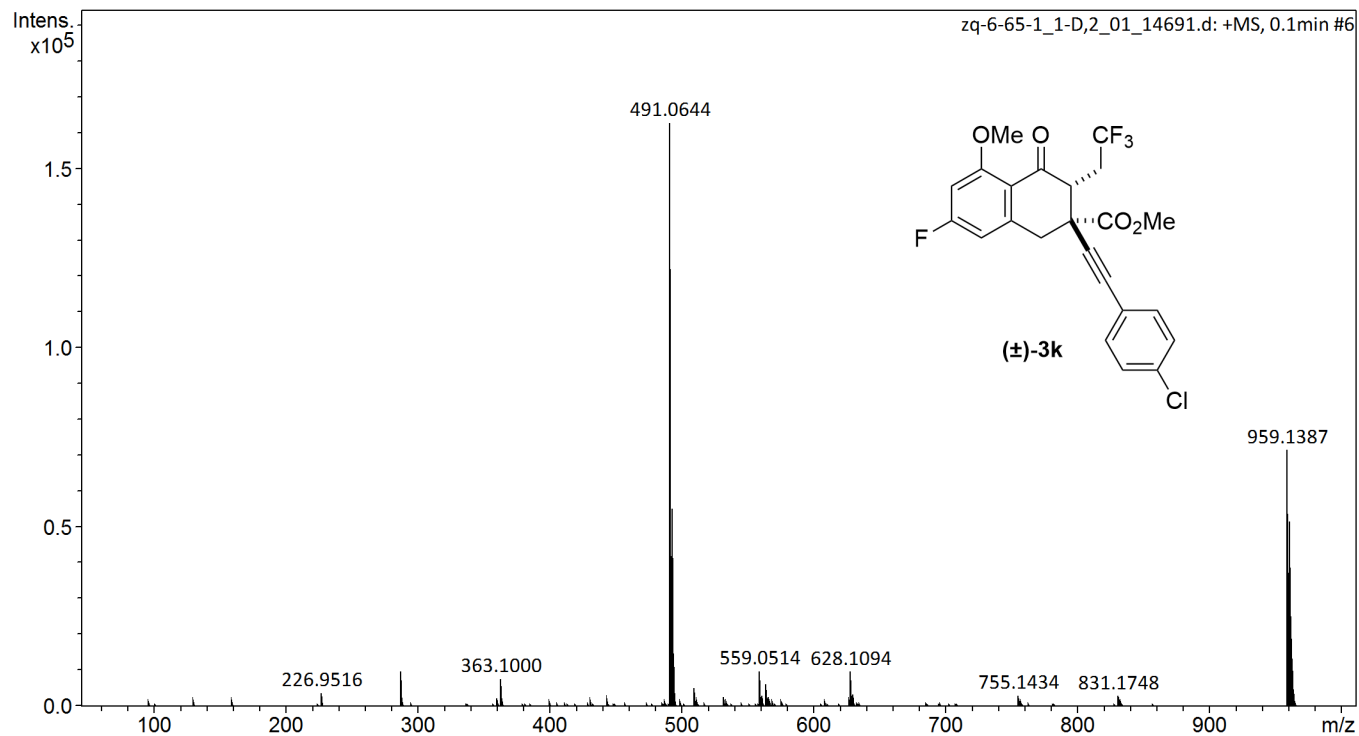
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-65-1_1-D,2_01_14691.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-65-1
Comment

Acquisition Date 1/29/2021 1:38:59 PM

Operator BDAL@DE
Instrument impact II



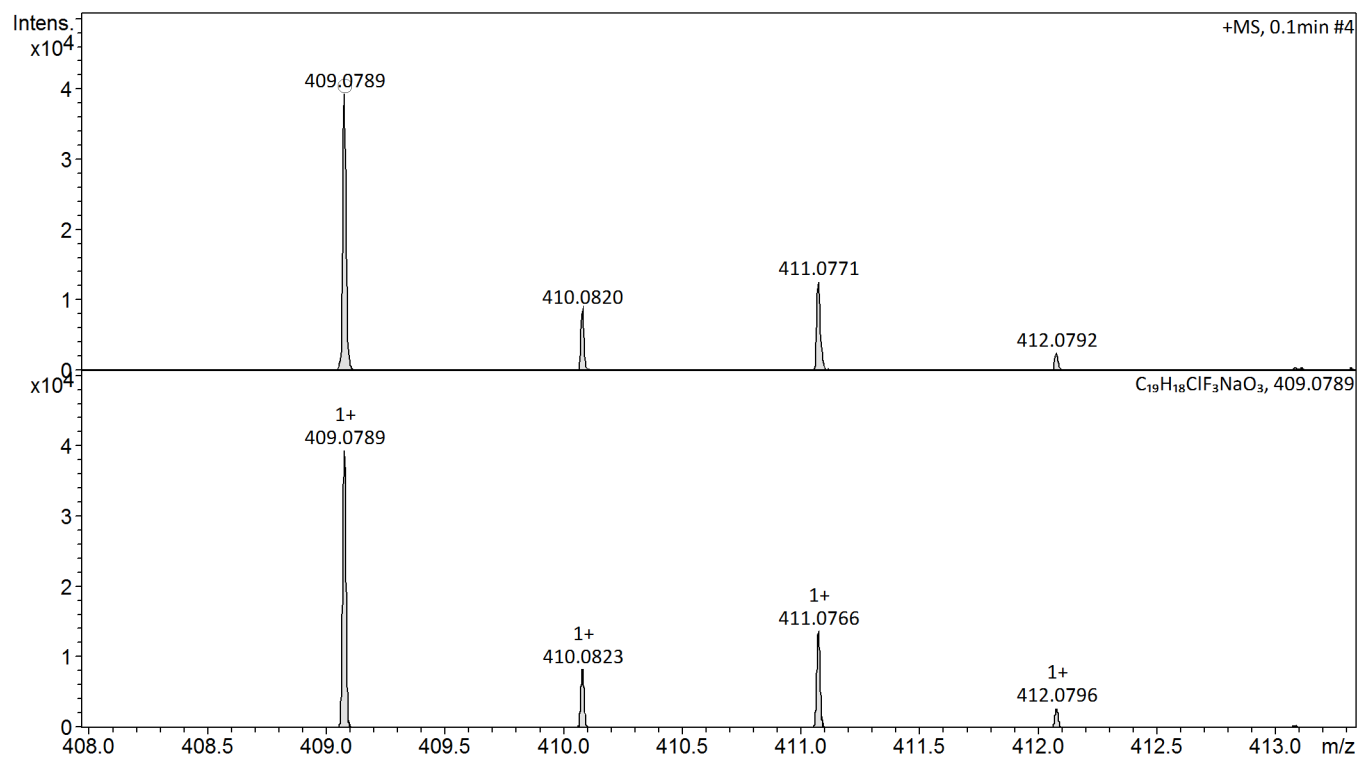
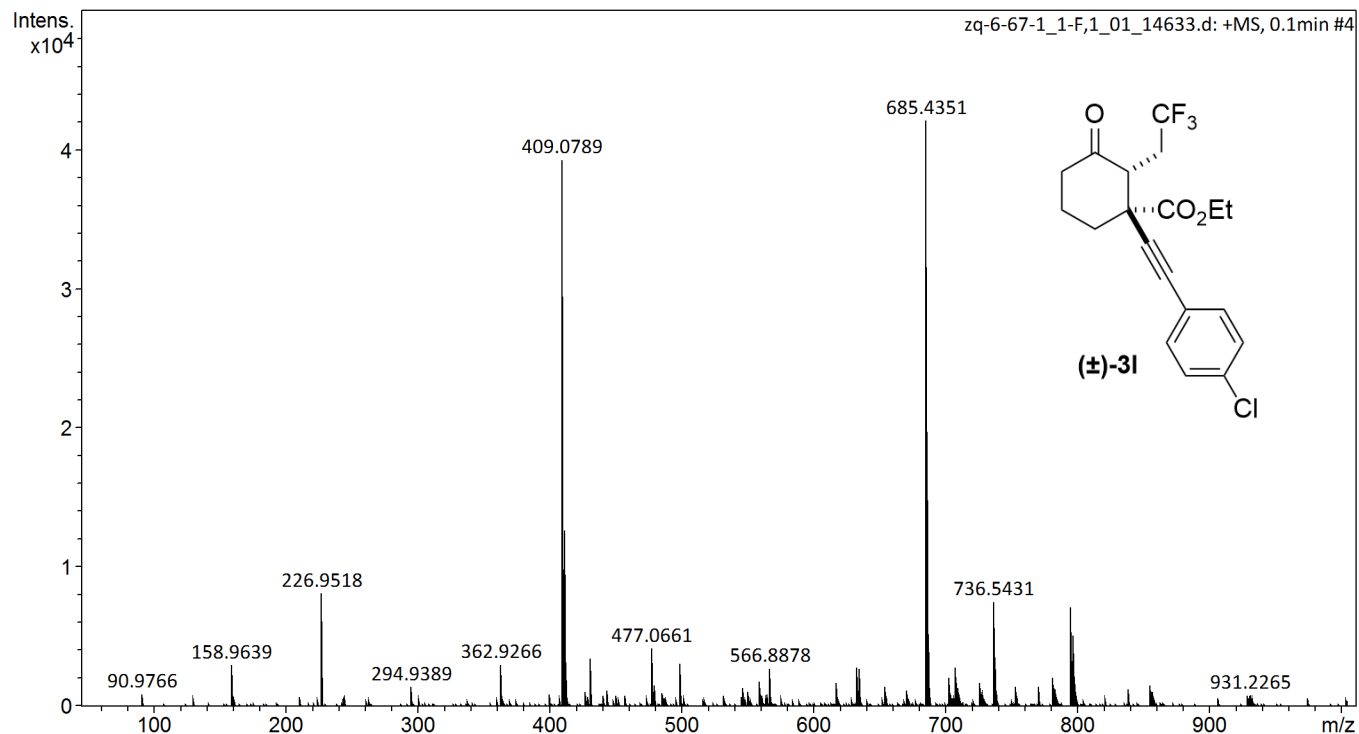
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-67-1_1-F,1_01_14633.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-67-1
Comment

Acquisition Date 1/28/2021 5:11:47 PM

Operator BDAL@DE
Instrument impact II



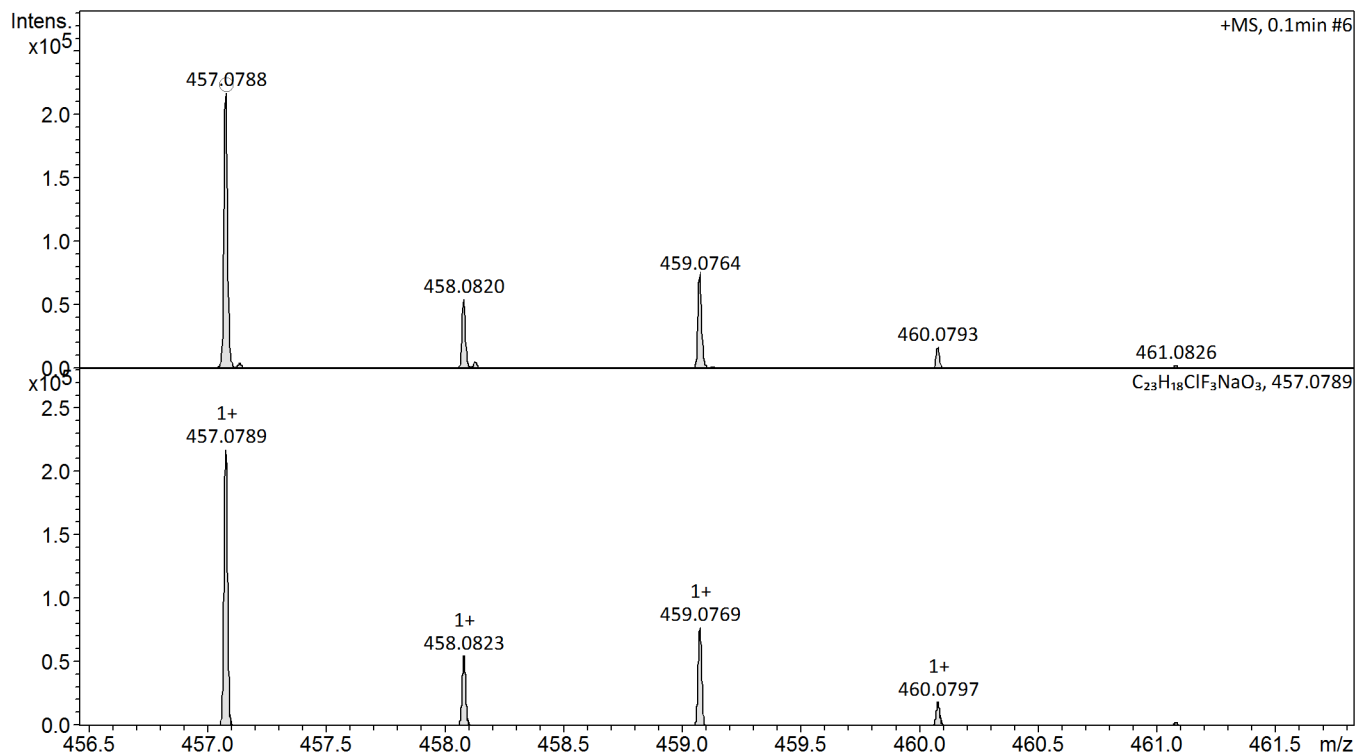
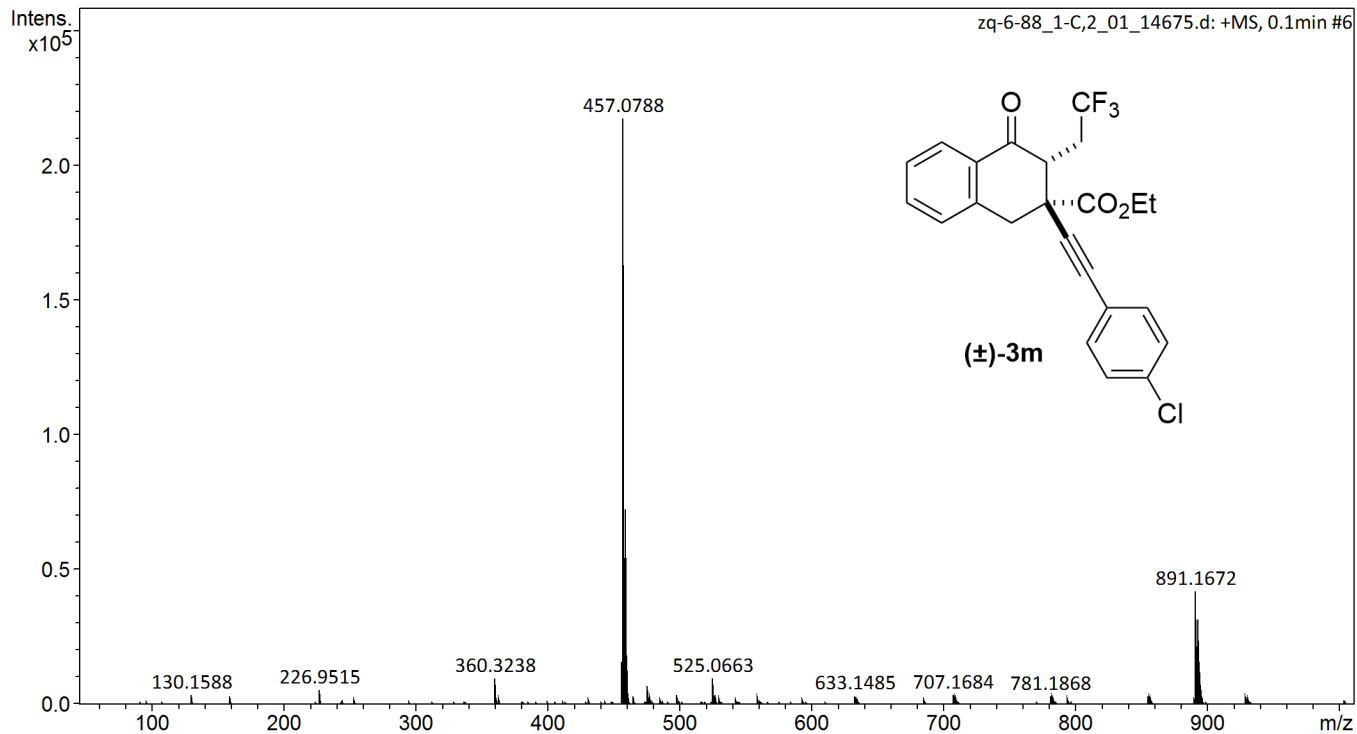
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-88_1-C,2_01_14675.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-88
Comment

Acquisition Date 1/29/2021 12:45:07 PM

Operator BDAL@DE
Instrument impact II



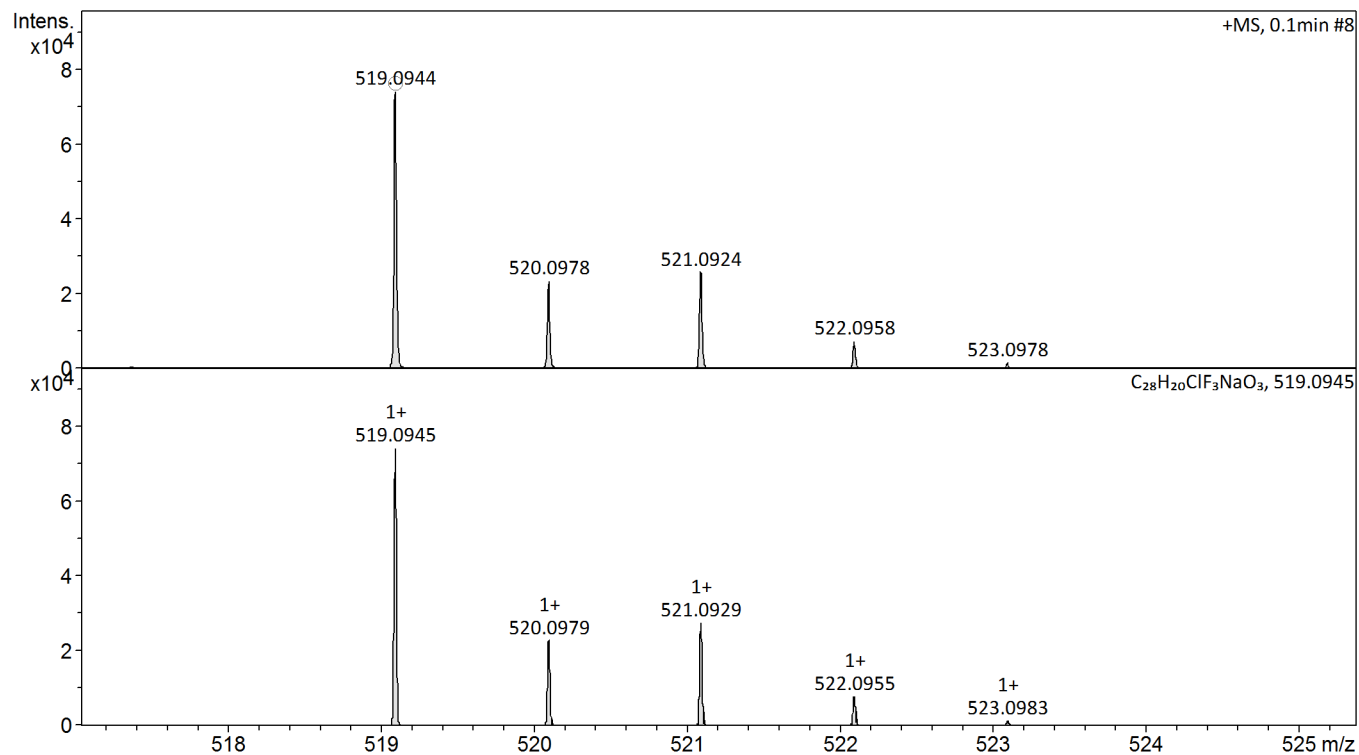
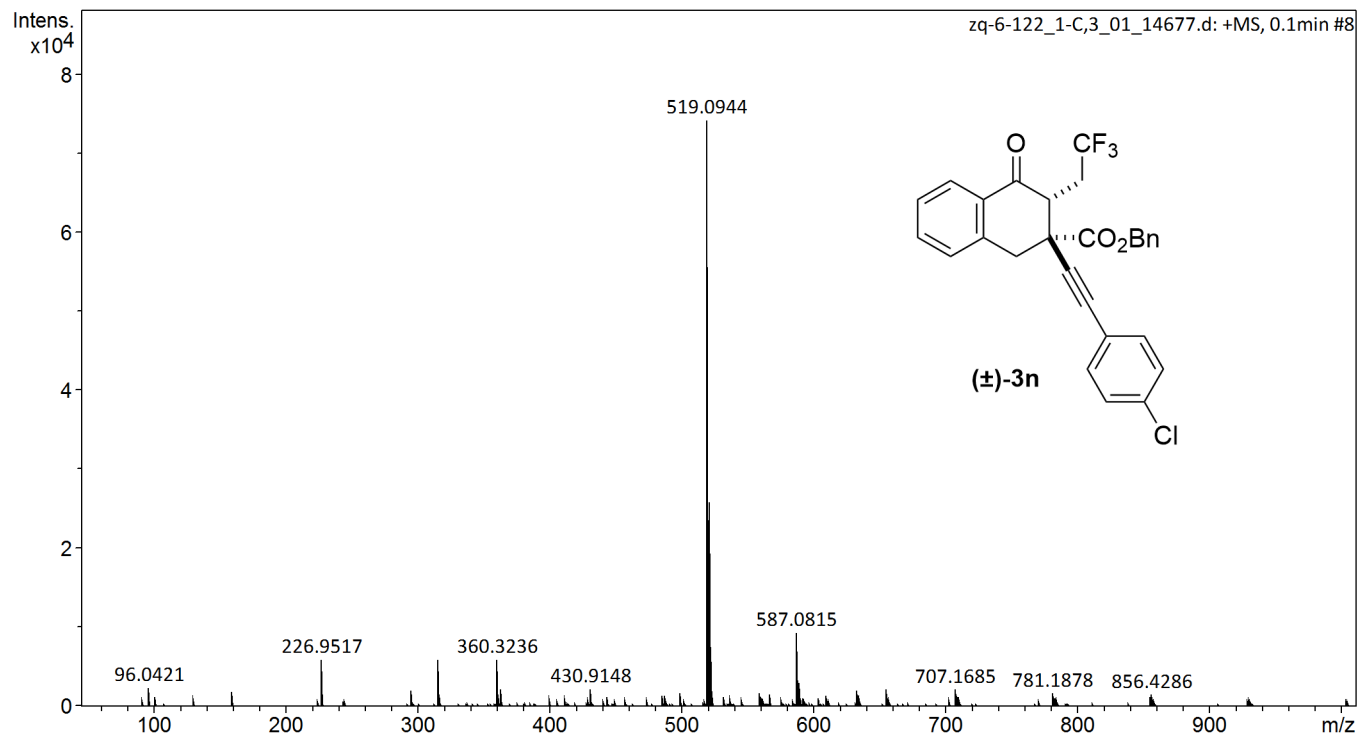
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-122_1-C,3_01_14677.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-122
Comment

Acquisition Date 1/29/2021 12:51:50 PM

Operator BDAL@DE
Instrument impact II



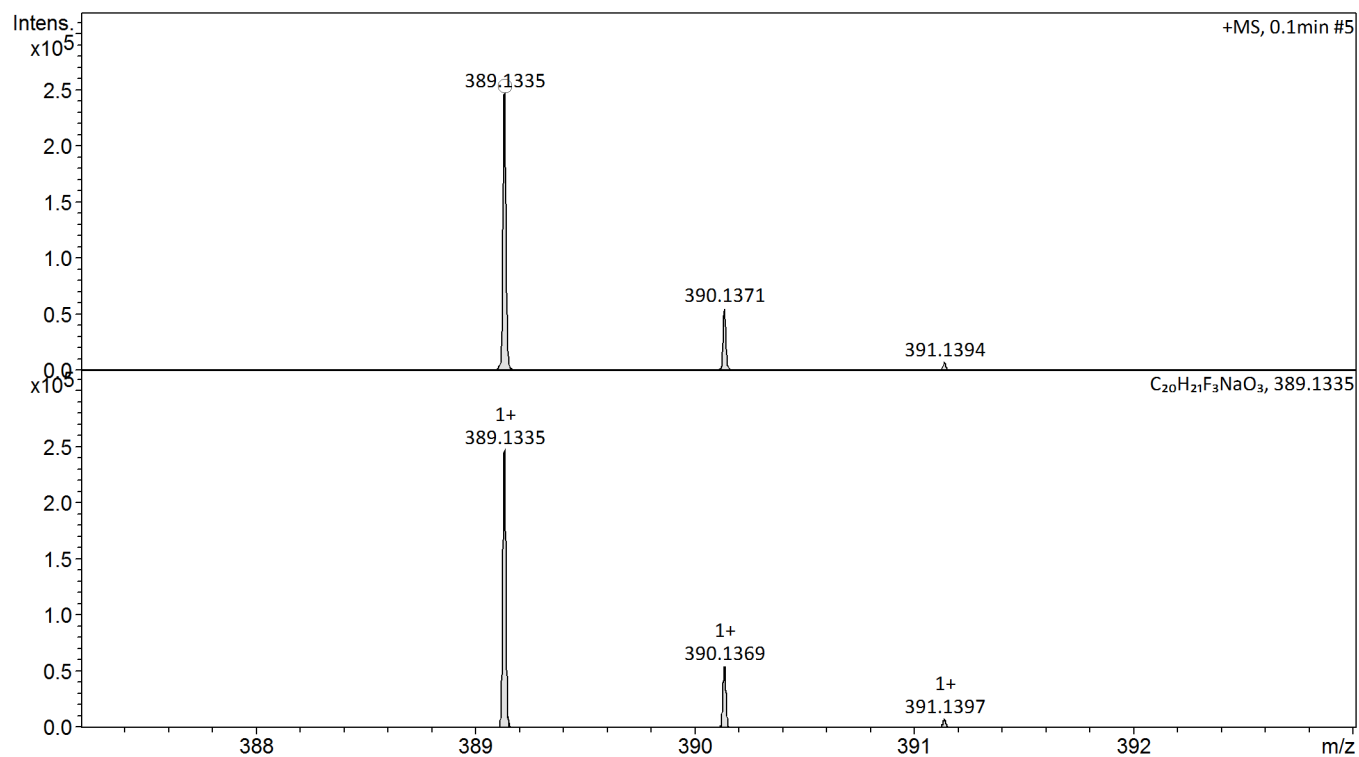
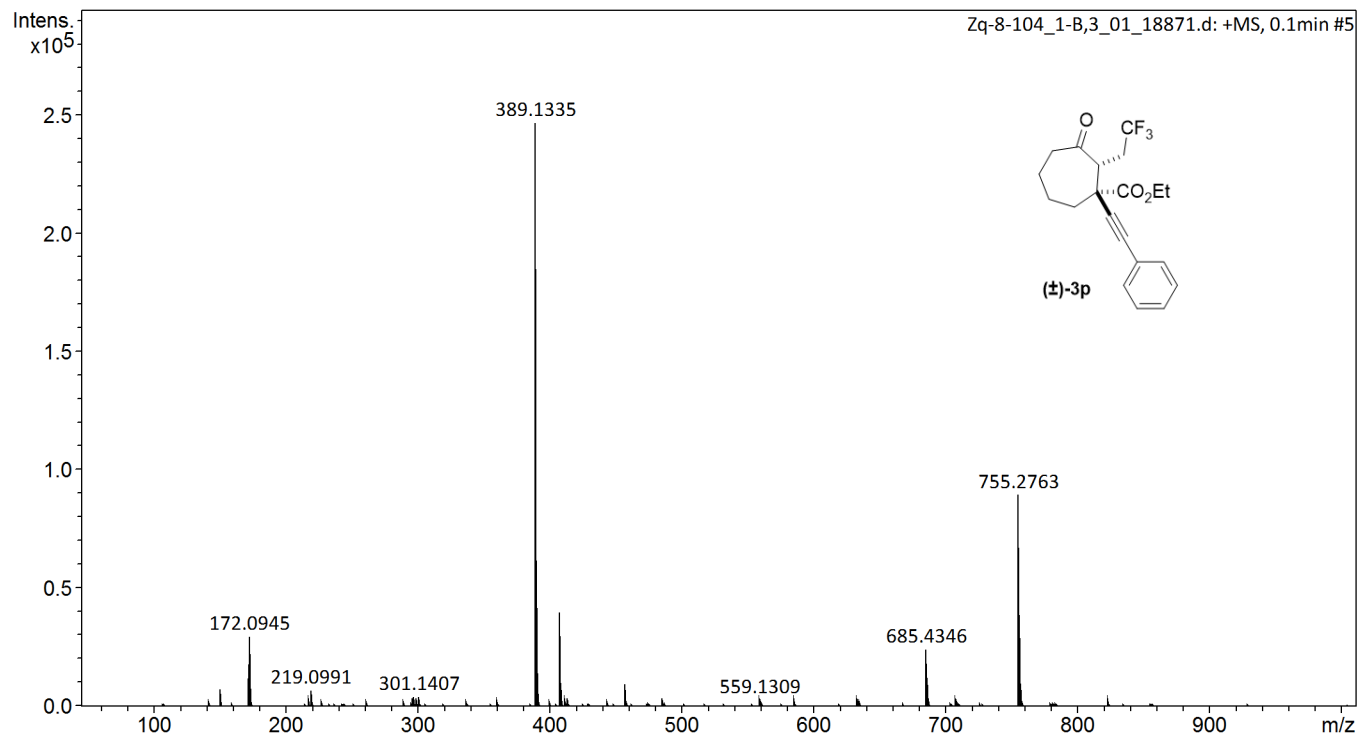
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-104_1-B,3_01_18871.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-104
Comment

Acquisition Date 8/26/2021 11:35:49 AM

Operator BDAL@DE
Instrument impact II



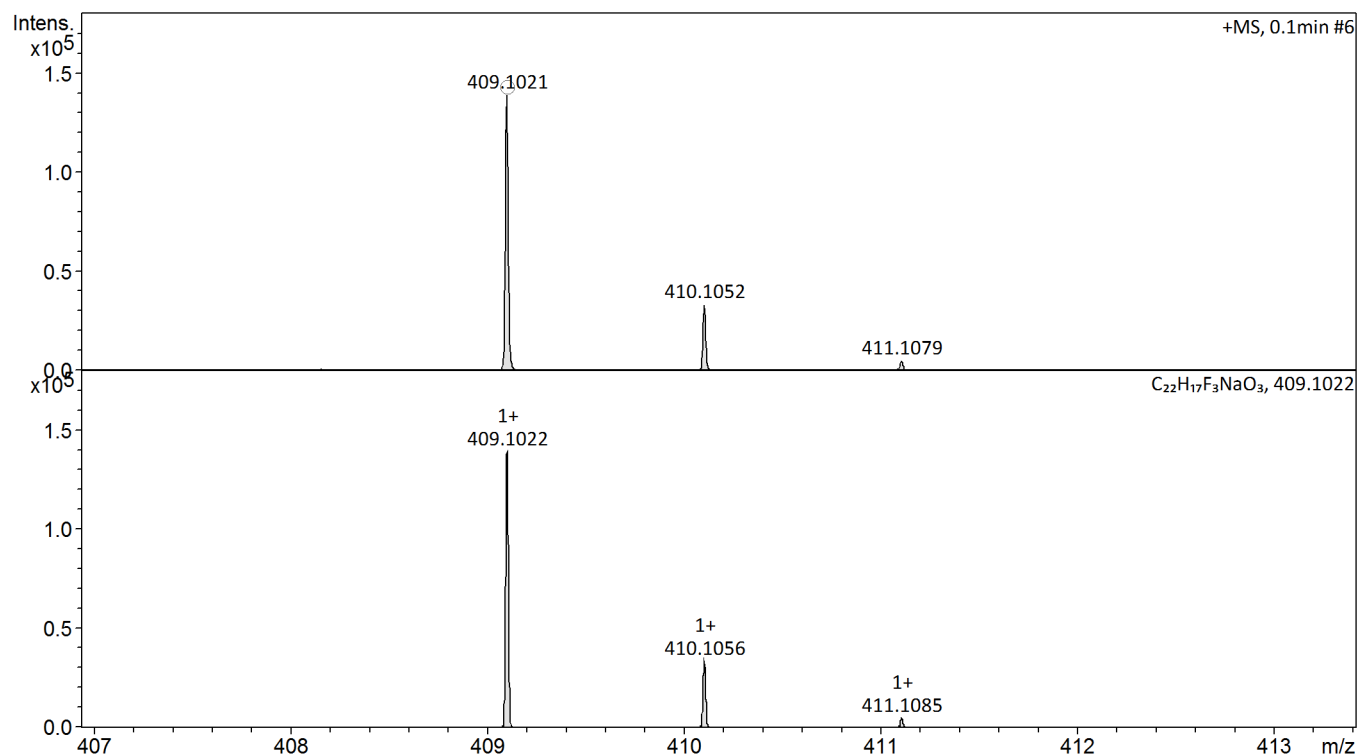
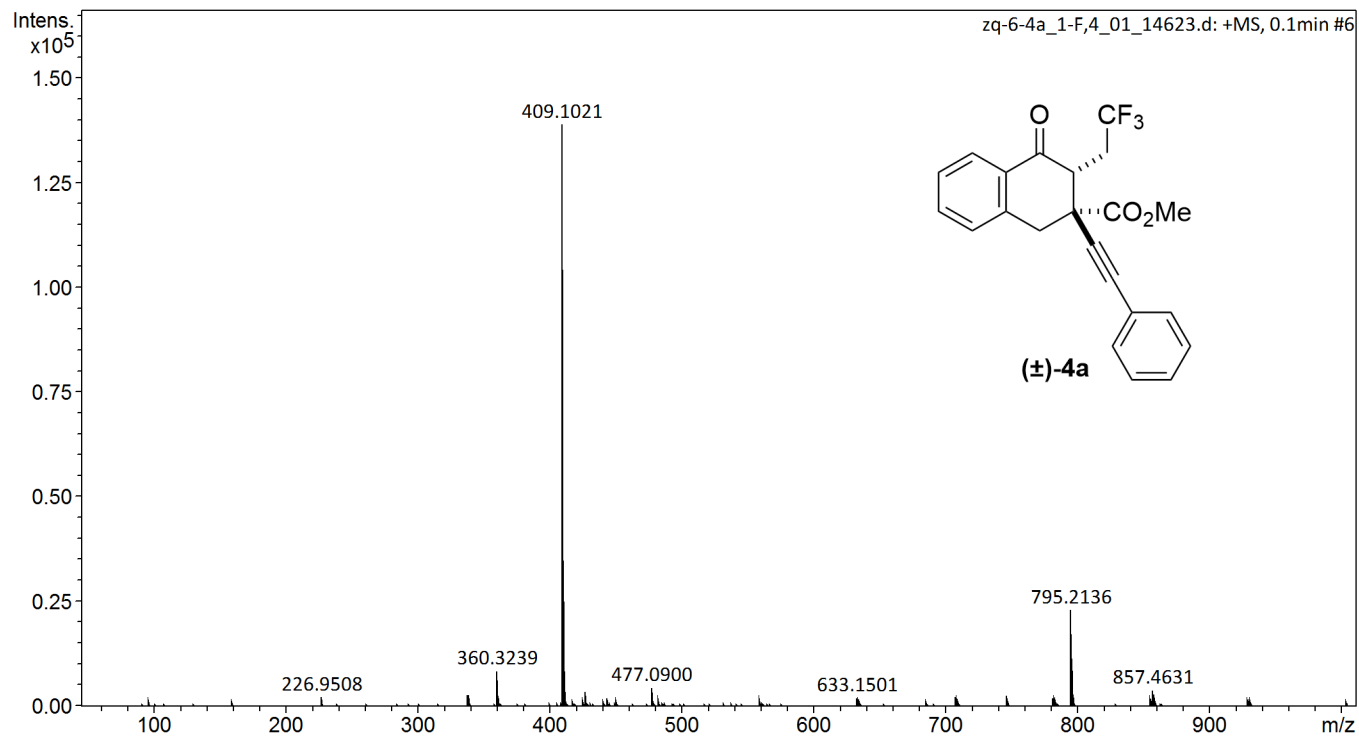
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-4a_1-F,4_01_14623.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-4a
Comment

Acquisition Date 1/28/2021 4:37:54 PM

Operator BDAL@DE
Instrument impact II



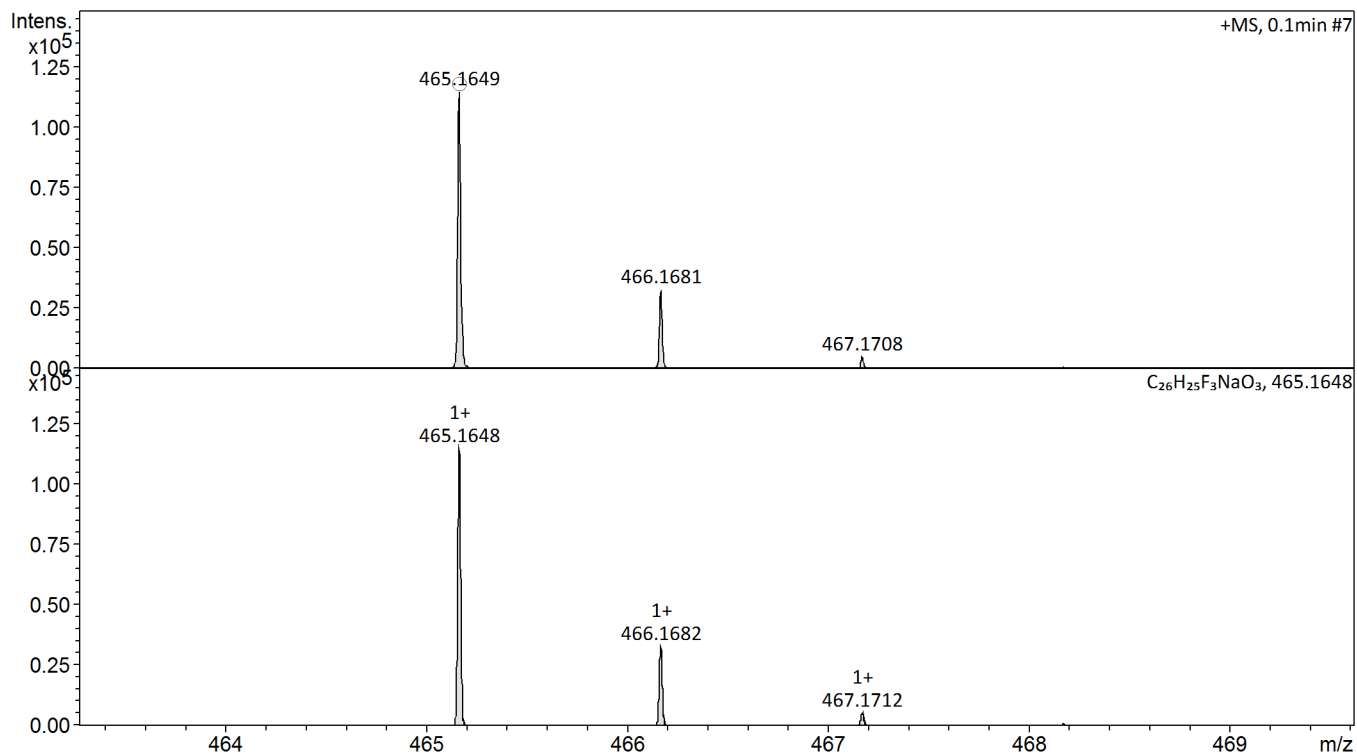
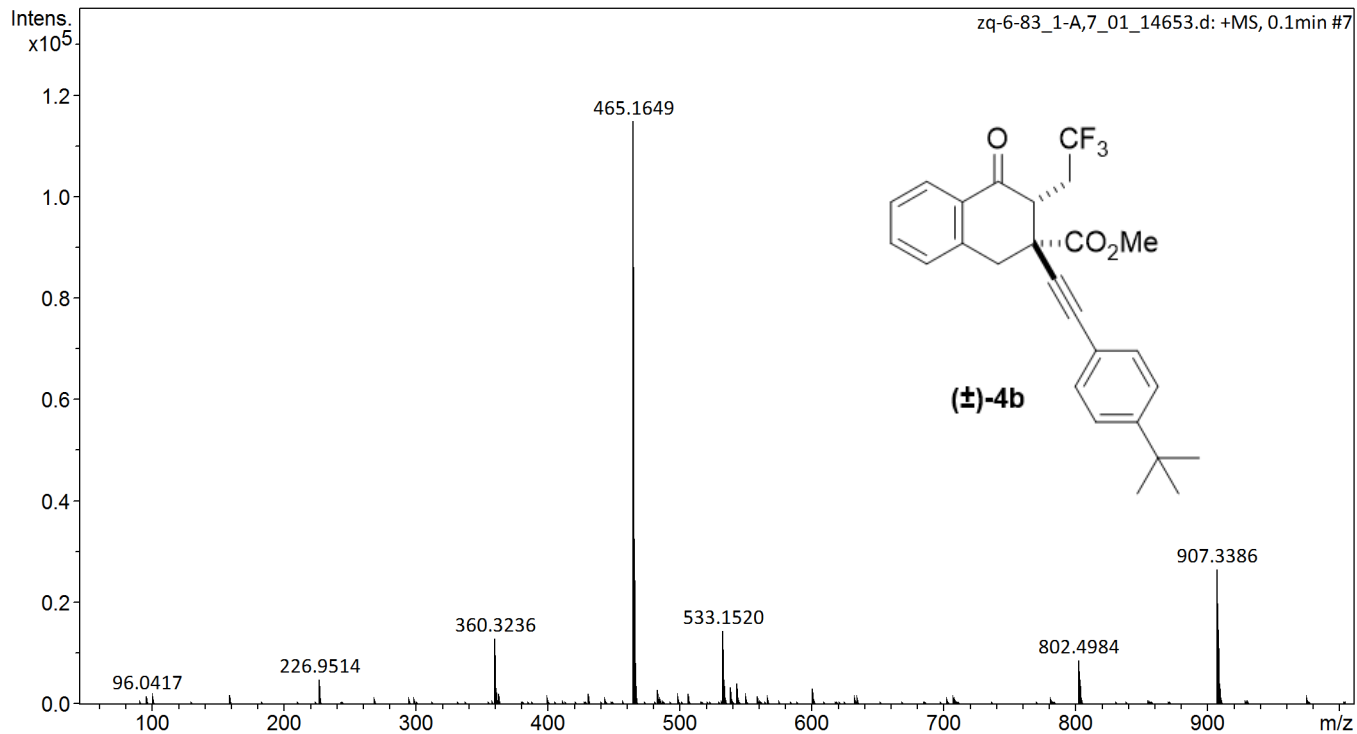
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-83_1-A,7_01_14653.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-83
Comment

Acquisition Date 1/29/2021 11:31:05 AM

Operator BDAL@DE
Instrument impact II



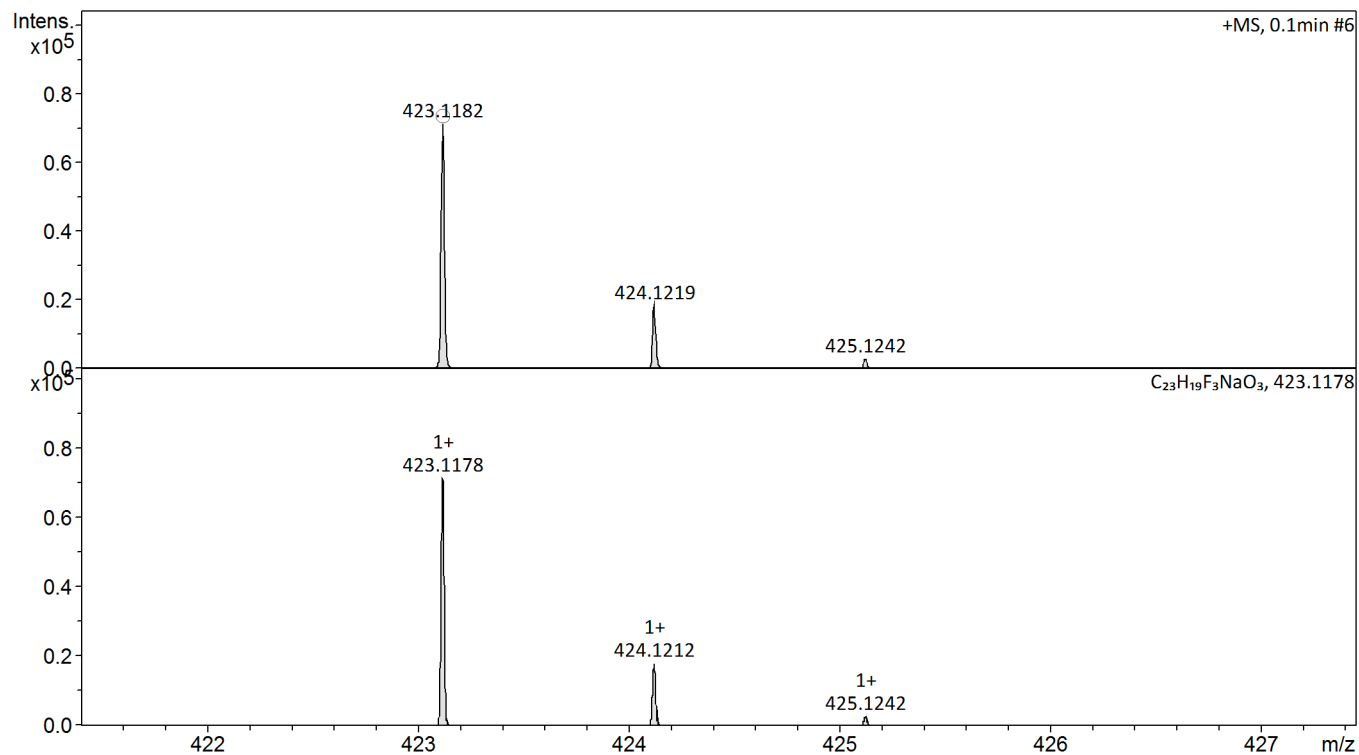
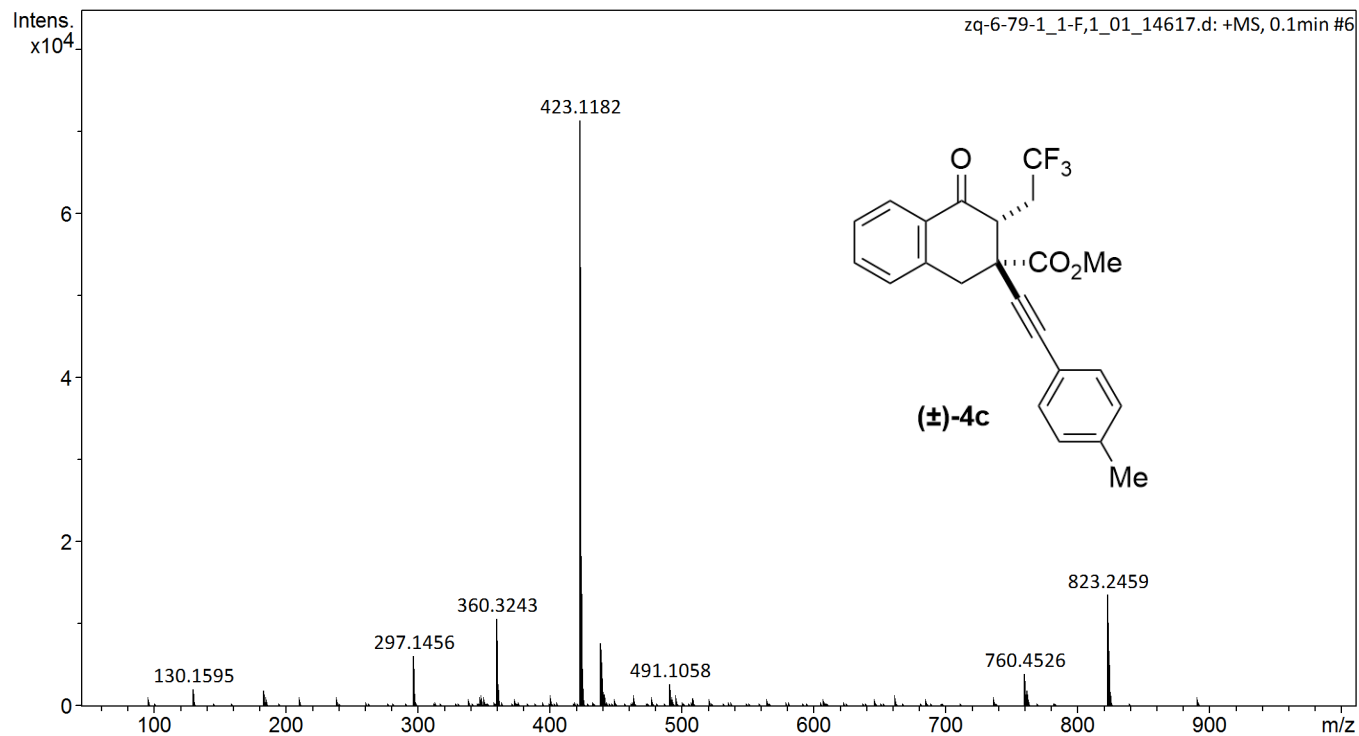
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-79-1_1-F,1_01_14617.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-79-1
Comment

Acquisition Date 1/28/2021 4:15:05 PM

Operator BDAL@DE
Instrument impact II



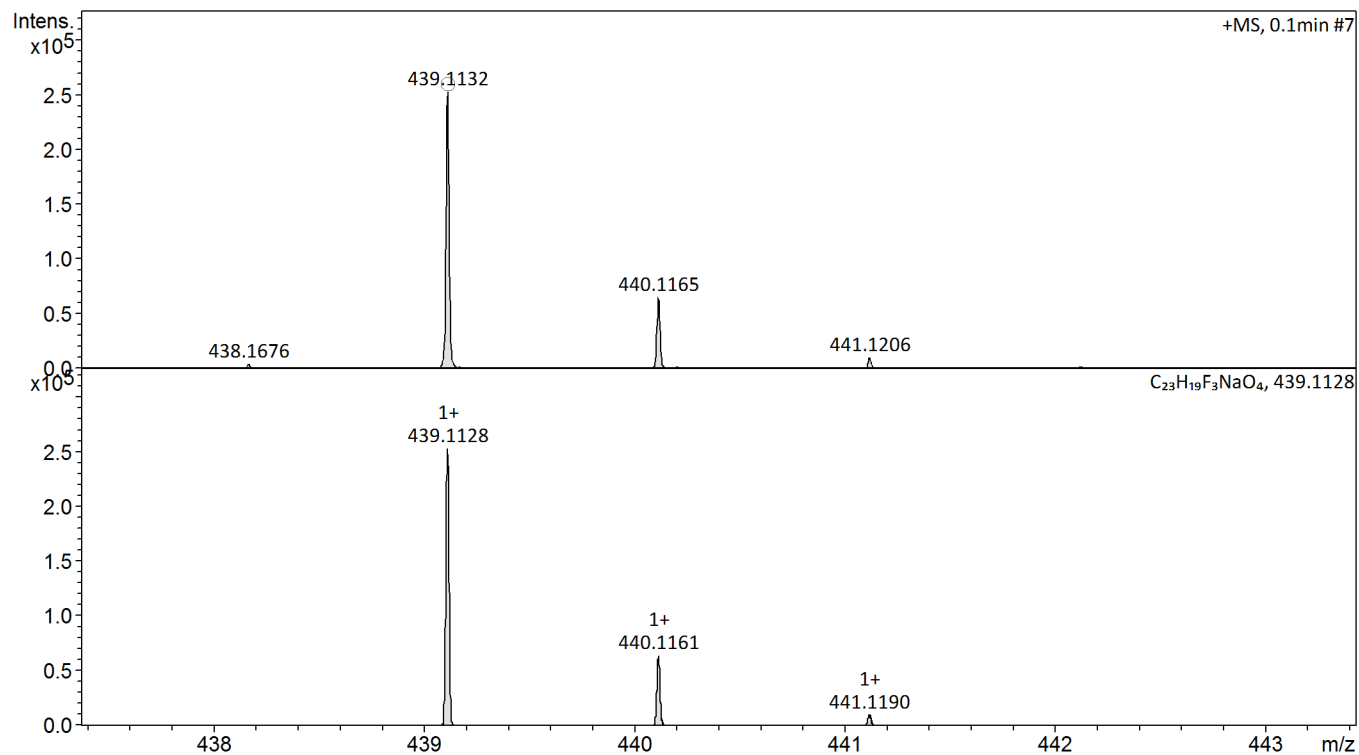
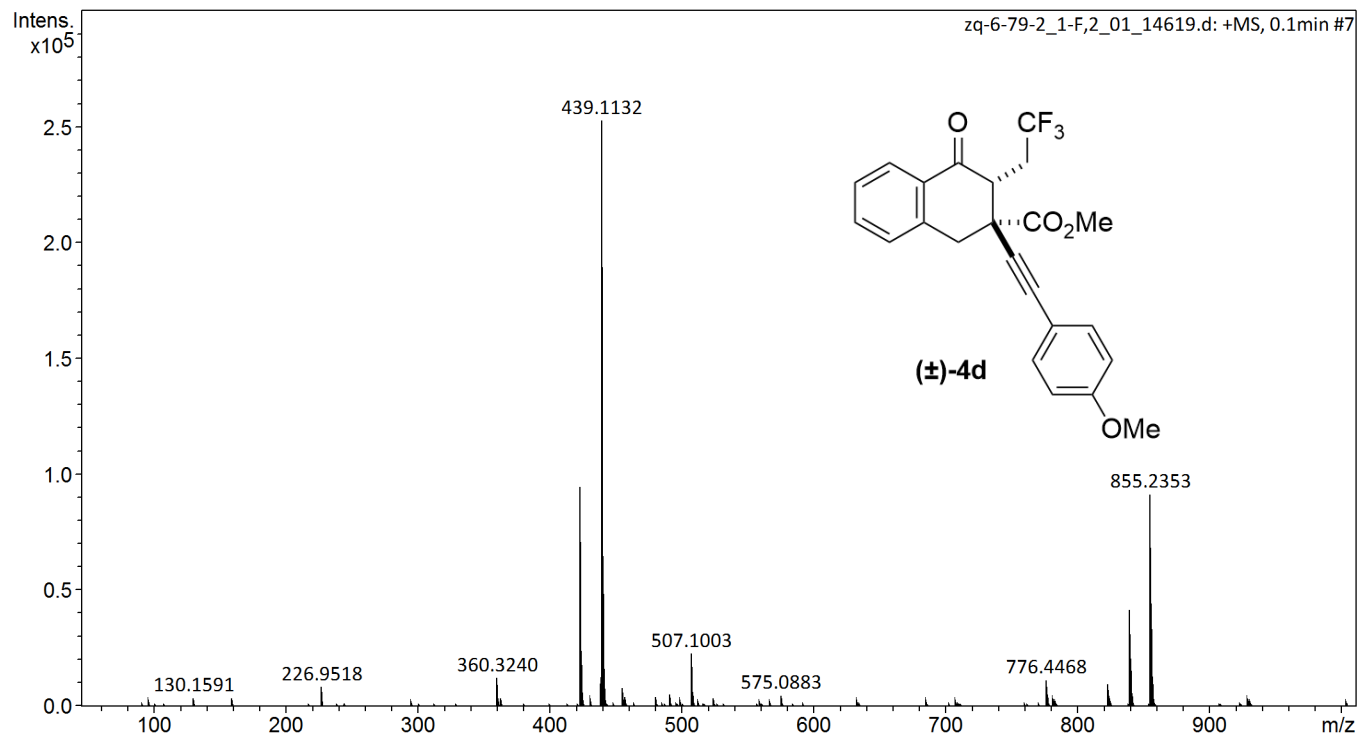
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-79-2_1-F,2_01_14619.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-79-2
Comment

Acquisition Date 1/28/2021 4:22:55 PM

Operator BDAL@DE
Instrument impact II



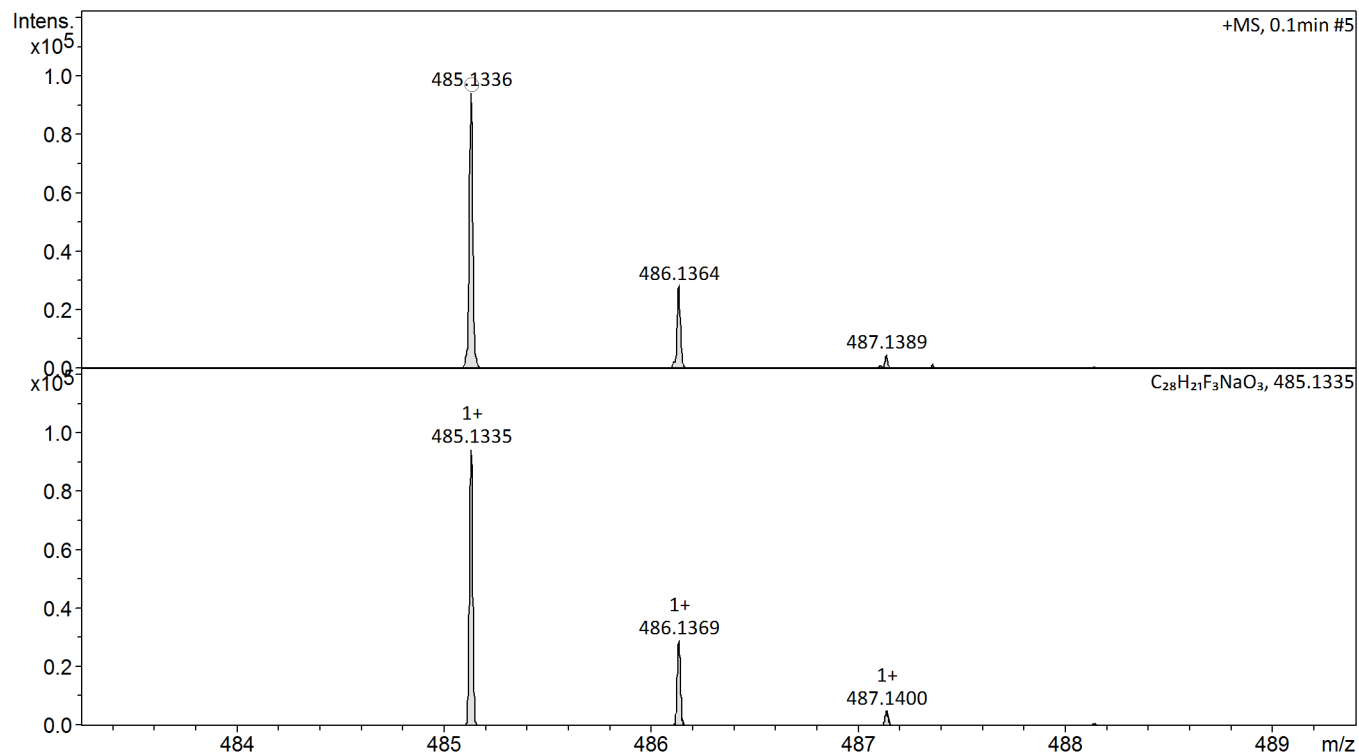
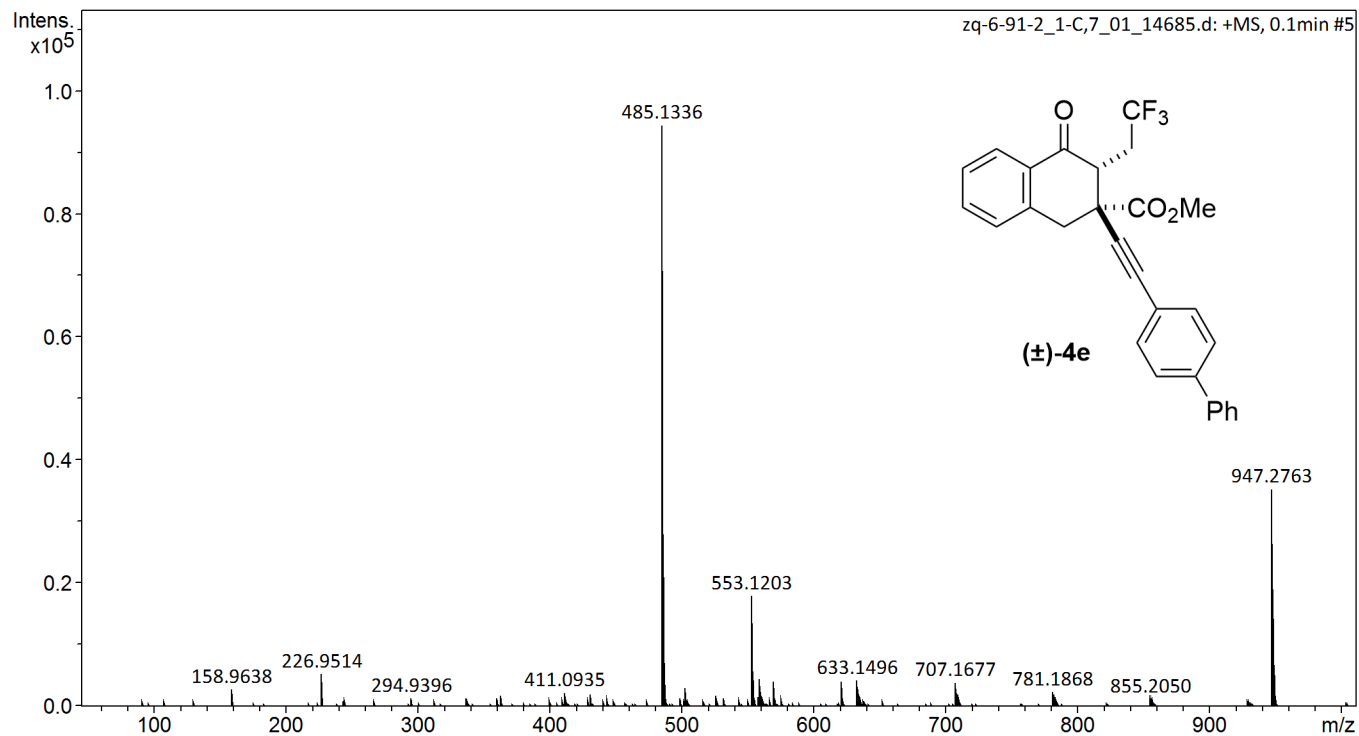
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-91-2_1-C,7_01_14685.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-91-2
Comment

Acquisition Date 1/29/2021 1:18:47 PM

Operator BDAL@DE
Instrument impact II



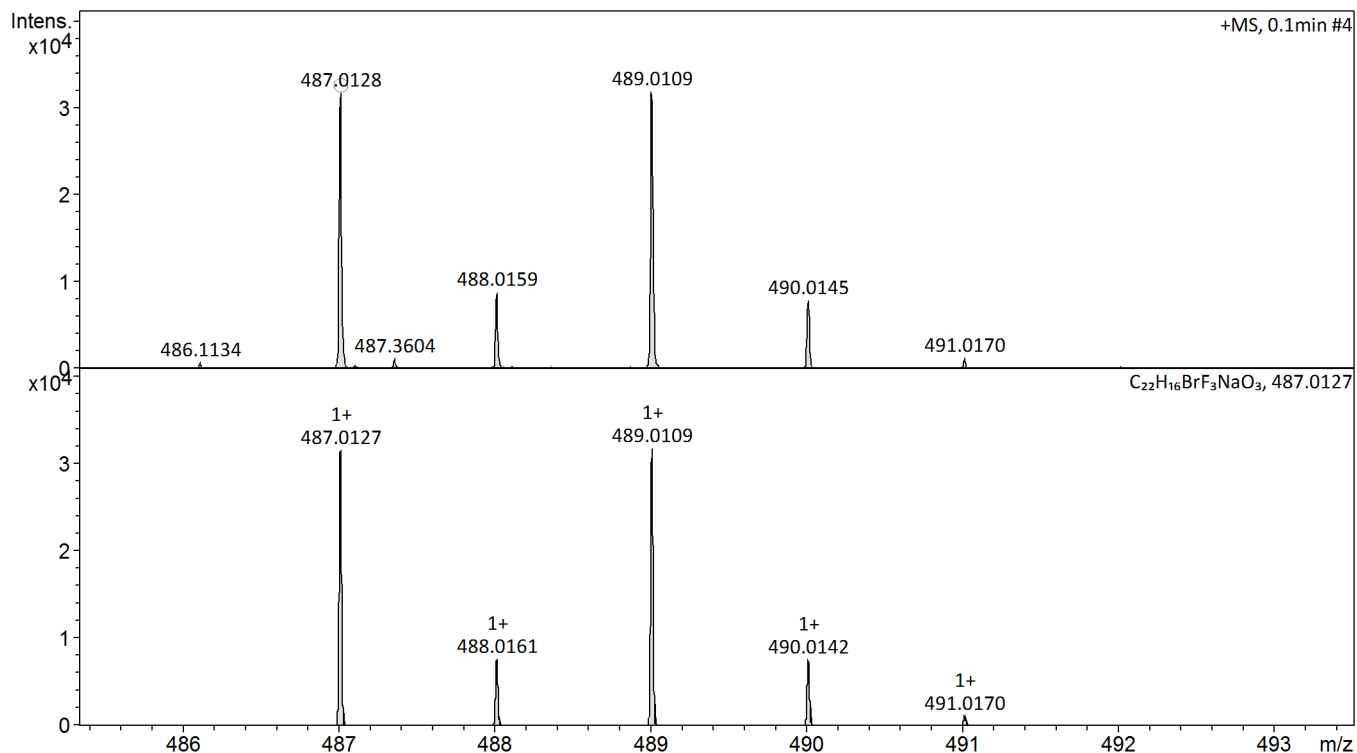
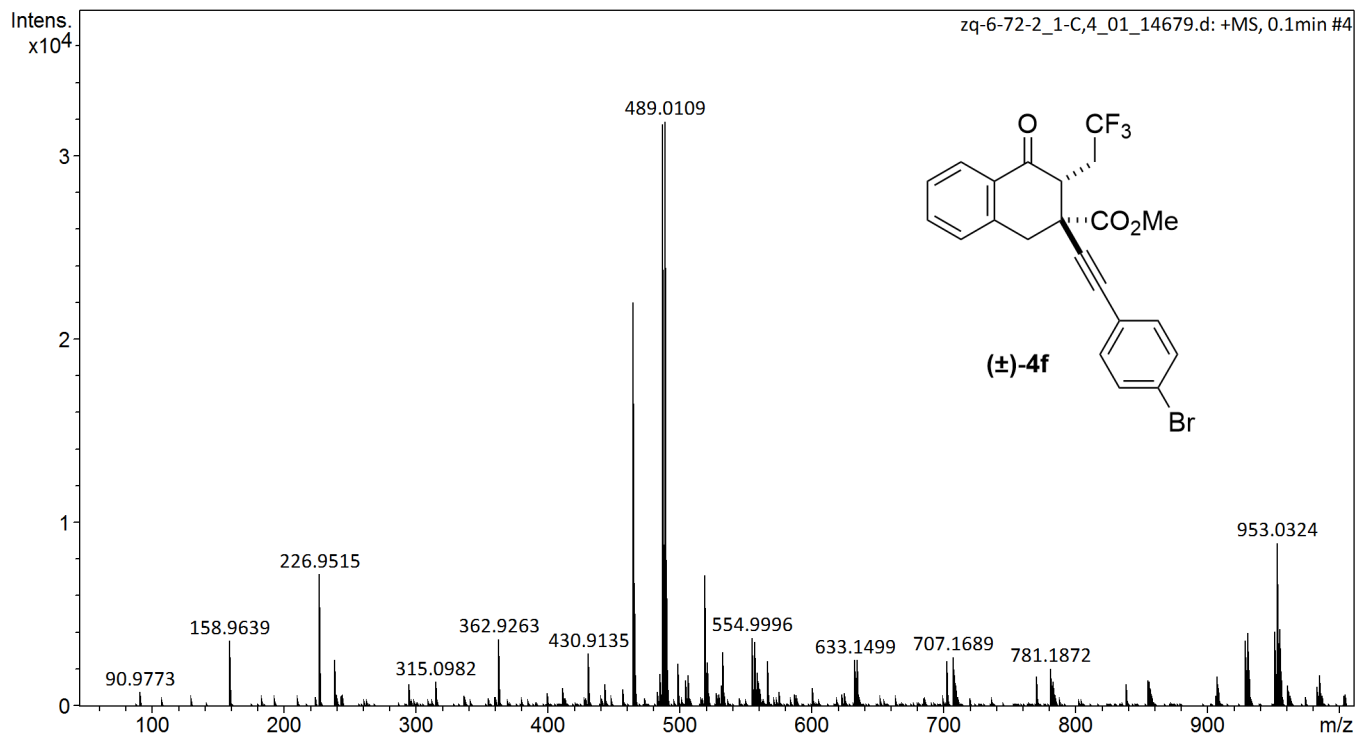
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-72-2_1-C,4_01_14679.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-72-2
Comment

Acquisition Date 1/29/2021 12:58:35 PM

Operator BDAL@DE
Instrument impact II



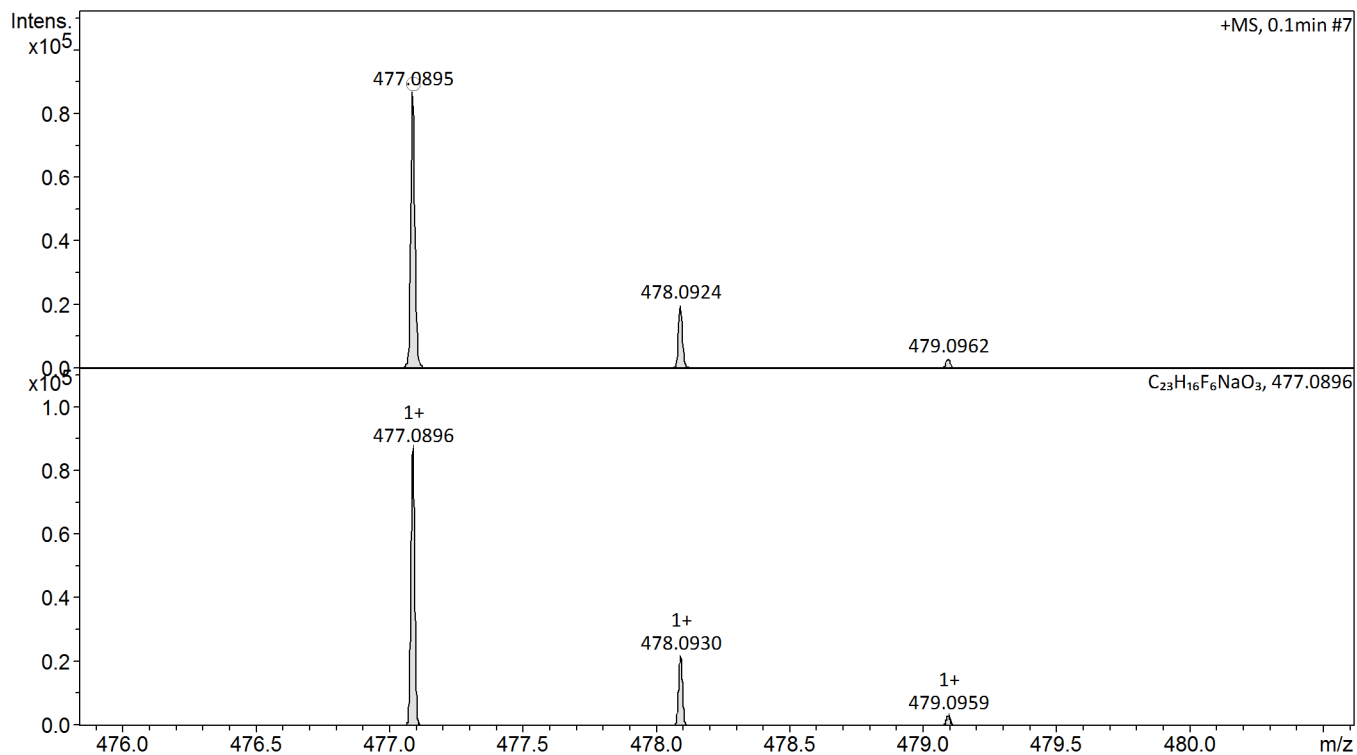
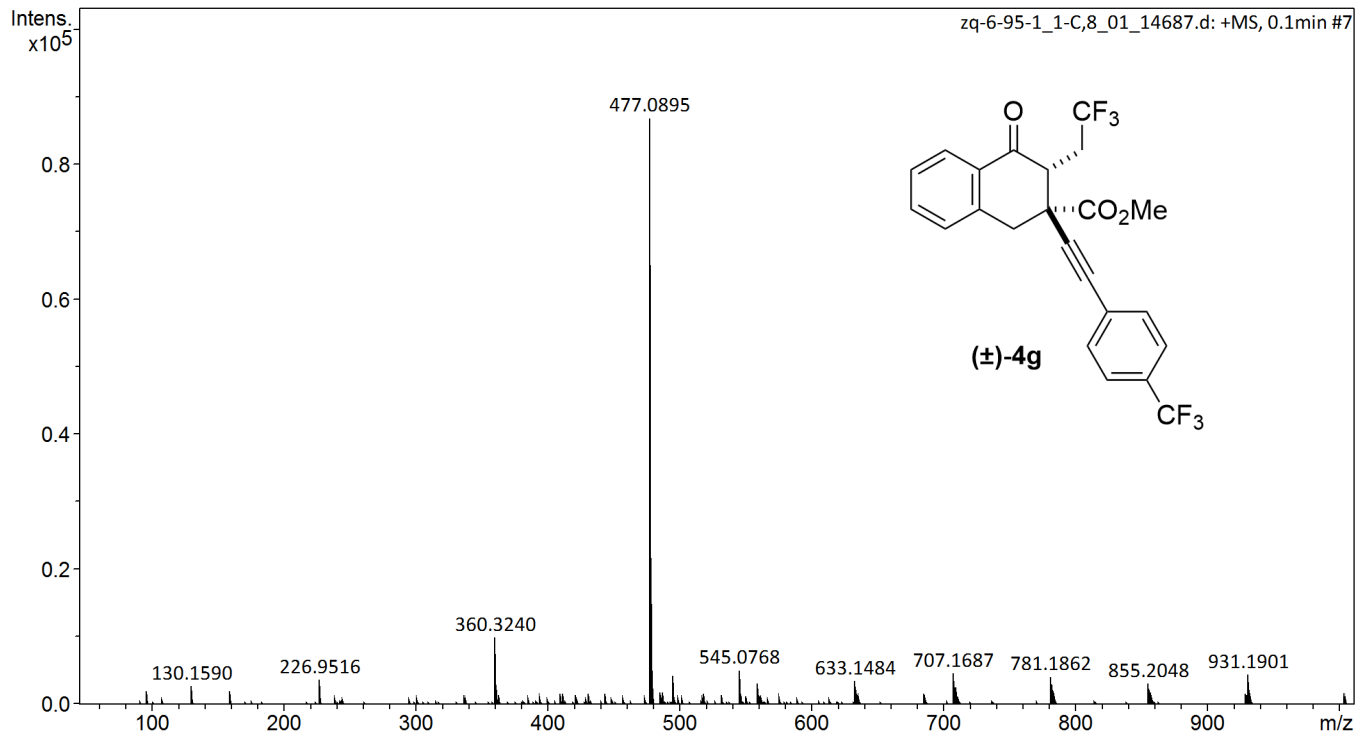
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-95-1_1-C,8_01_14687.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-95-1
Comment

Acquisition Date 1/29/2021 1:25:29 PM

Operator BDAL@DE
Instrument impact II



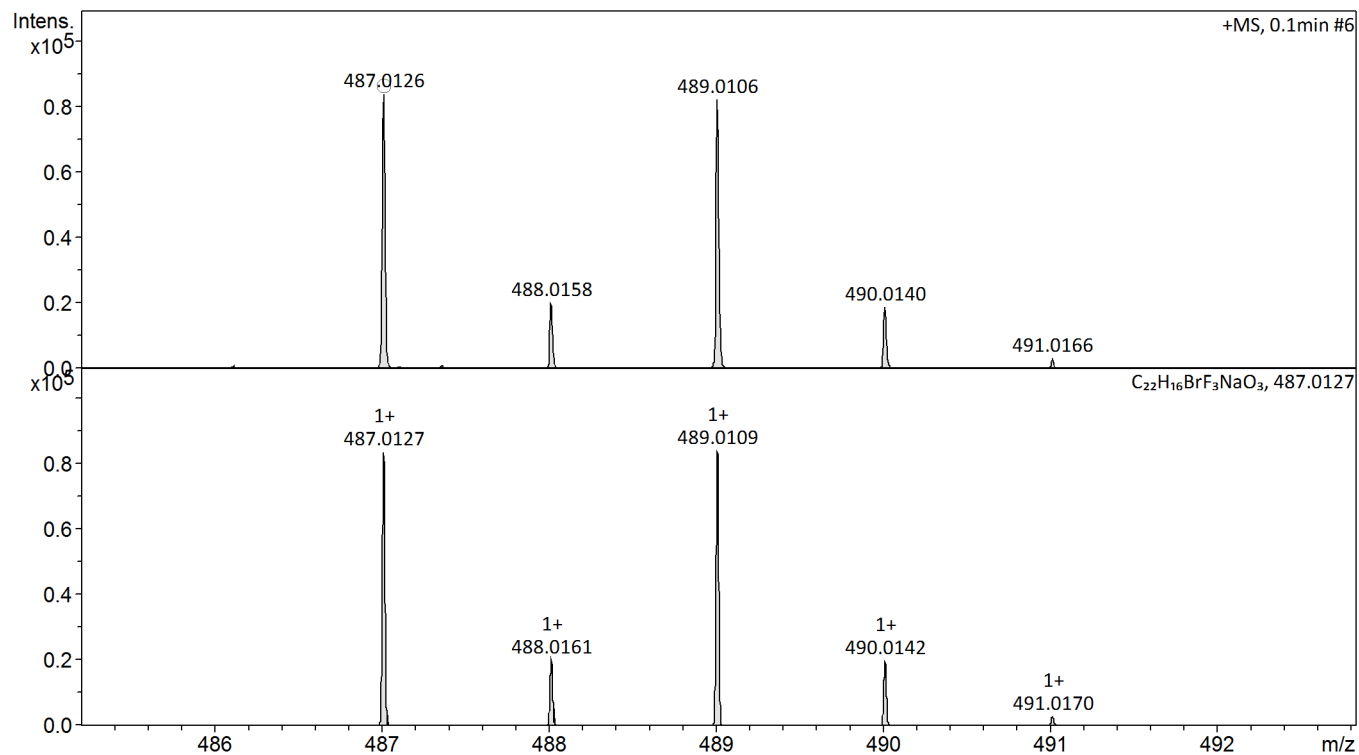
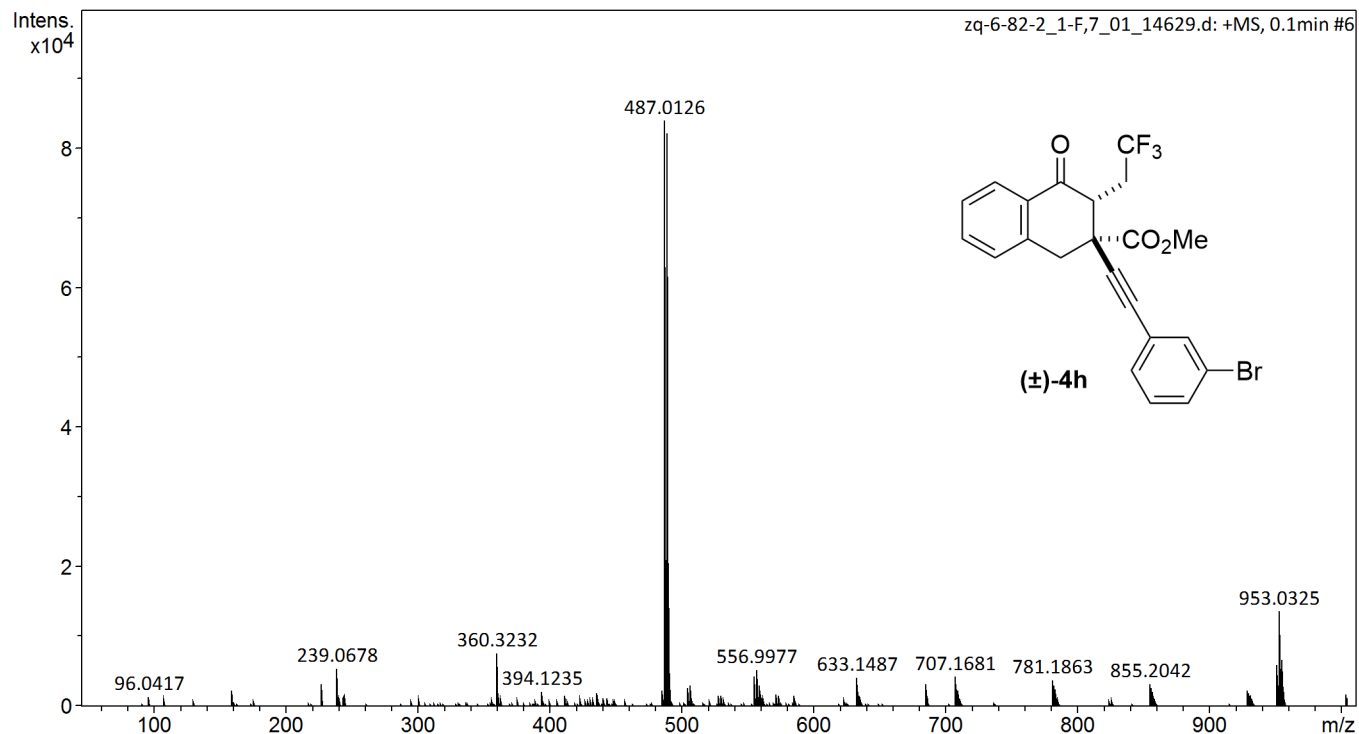
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-82-2_1-F,7_01_14629.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-82-2
Comment

Acquisition Date 1/28/2021 4:58:05 PM

Operator BDAL@DE
Instrument impact II



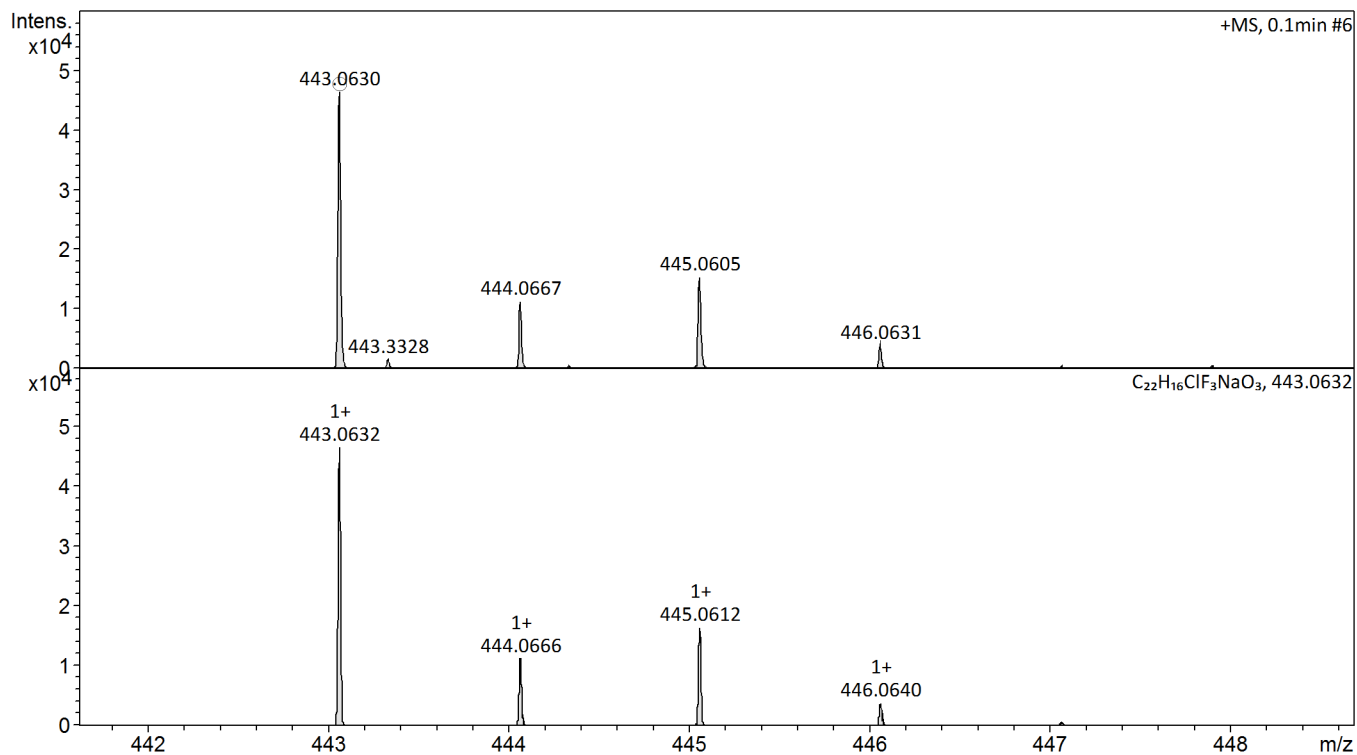
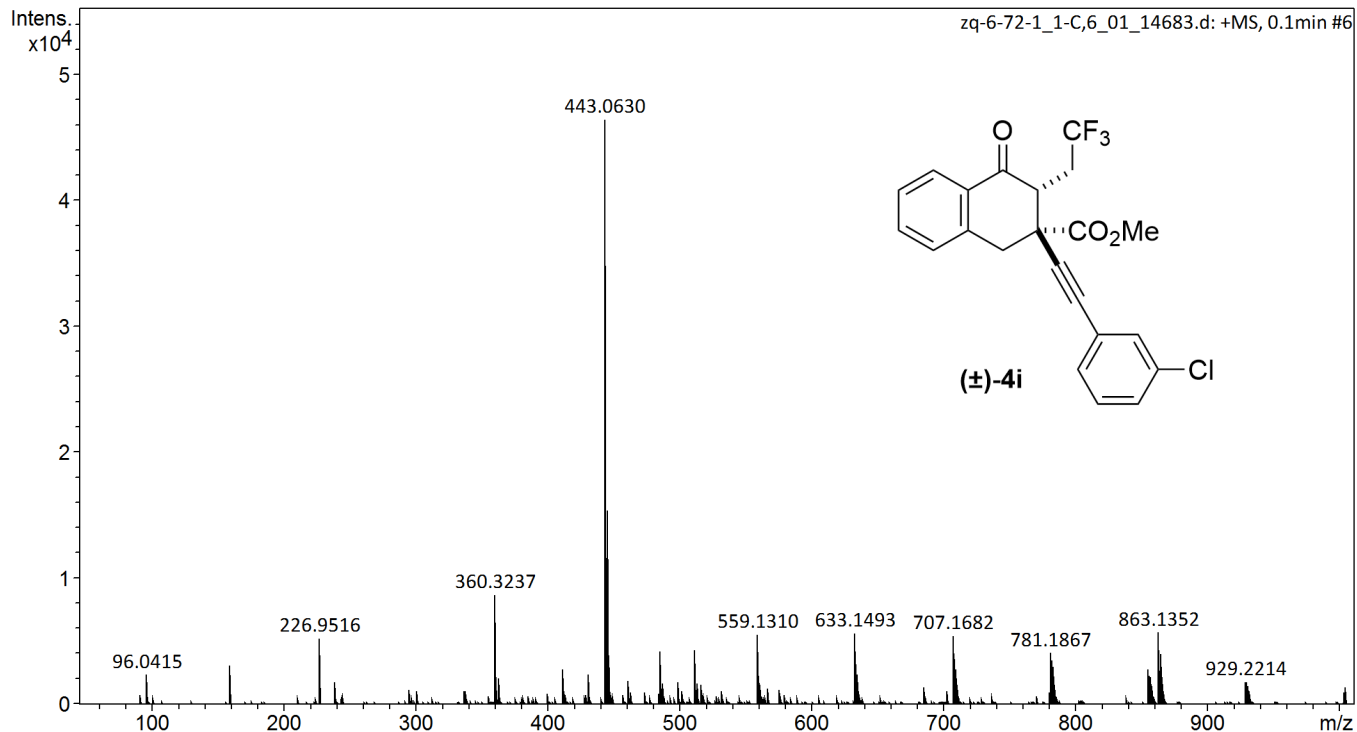
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-72-1_1-C,6_01_14683.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-72-1
Comment

Acquisition Date 1/29/2021 1:12:03 PM

Operator BDAL@DE
Instrument impact II



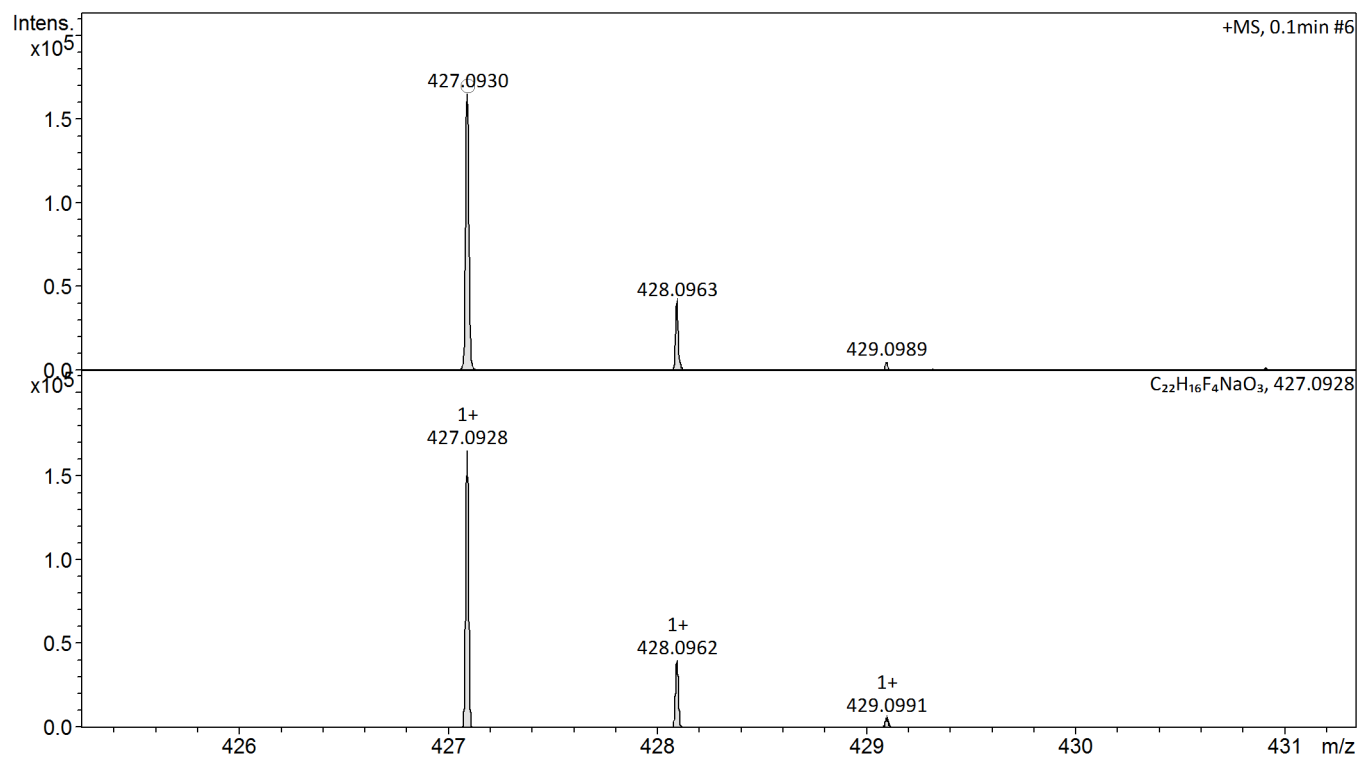
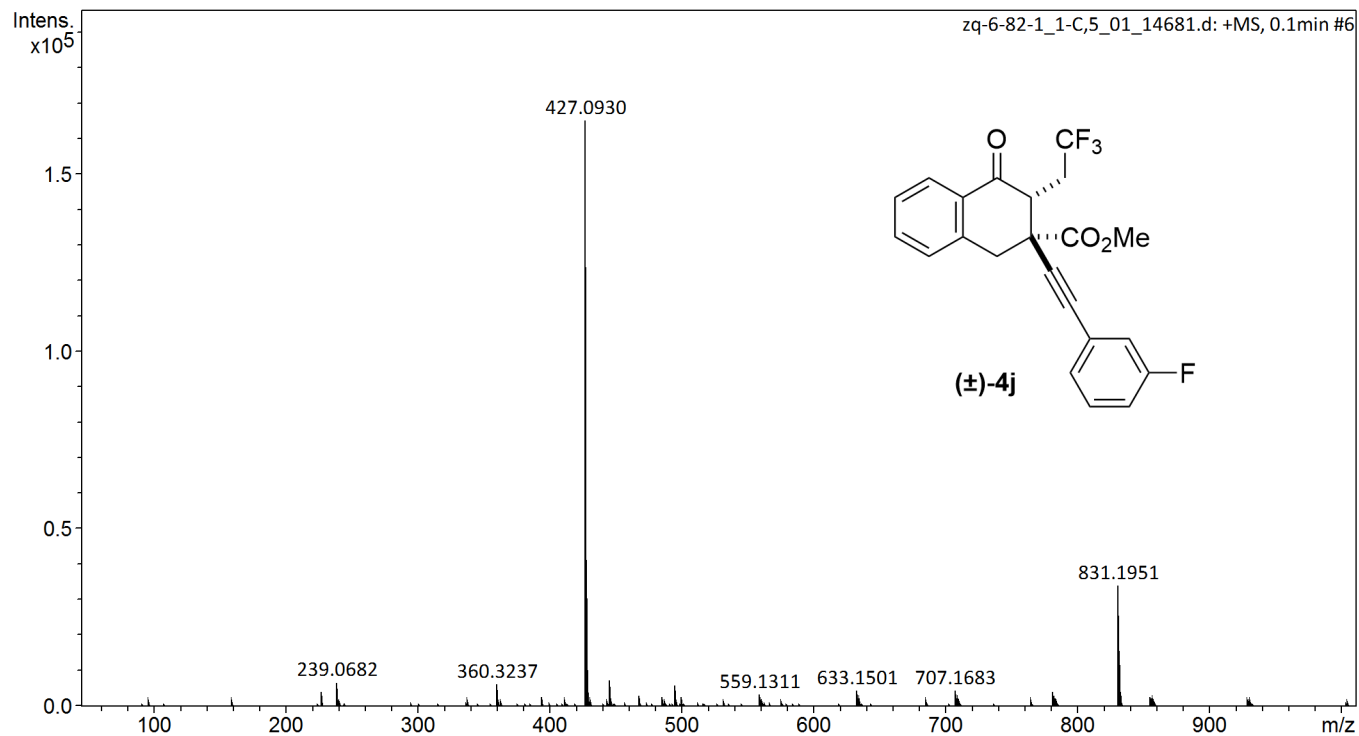
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-82-1_1-C,5_01_14681.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-82-1
Comment

Acquisition Date 1/29/2021 1:05:18 PM

Operator BDAL@DE
Instrument impact II



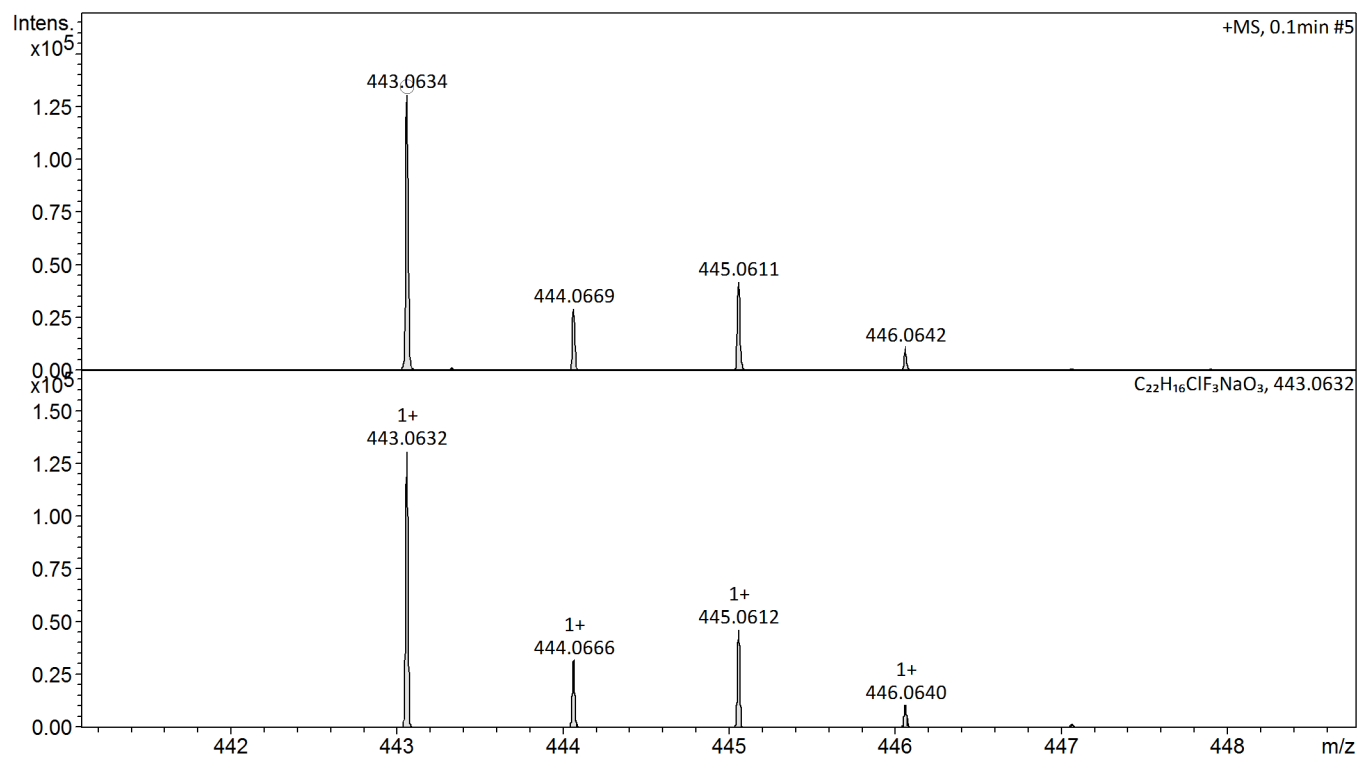
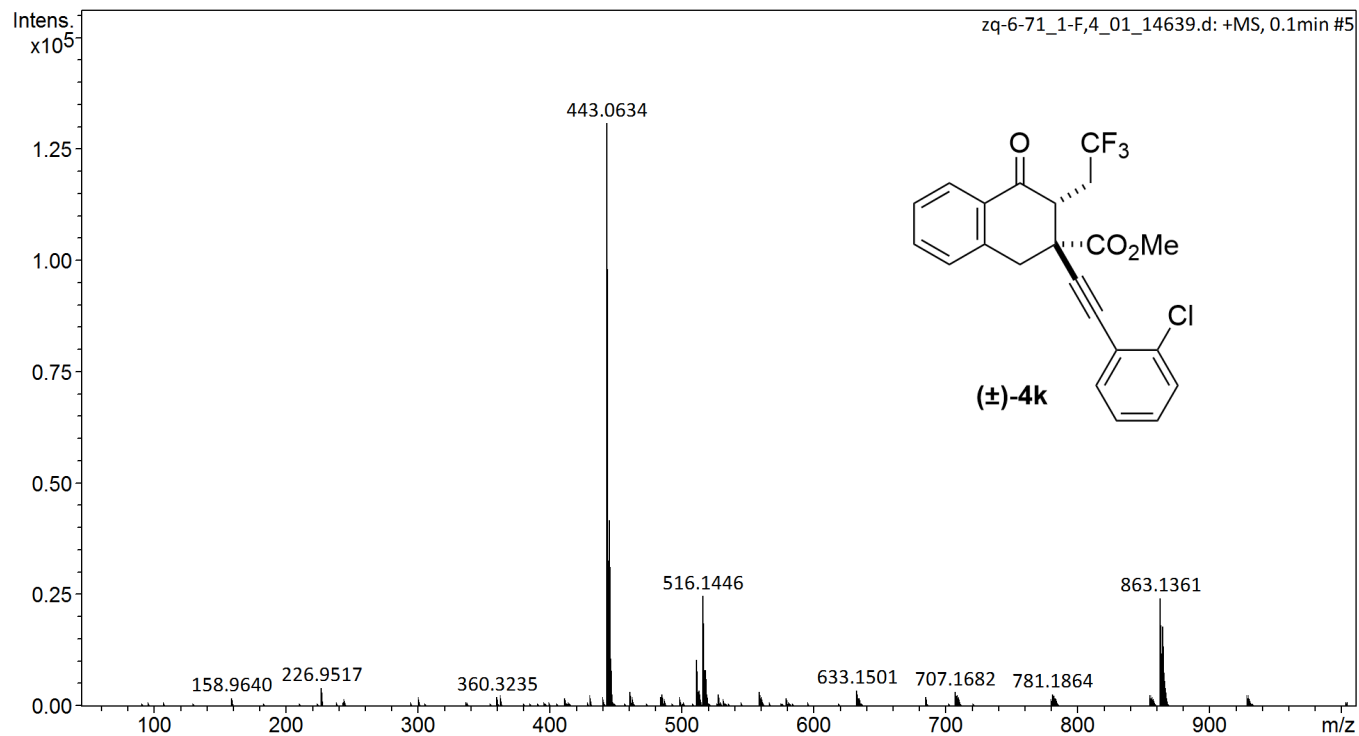
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-71_1-F,4_01_14639.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-71
Comment

Acquisition Date 1/28/2021 5:31:59 PM

Operator BDAL@DE
Instrument impact II



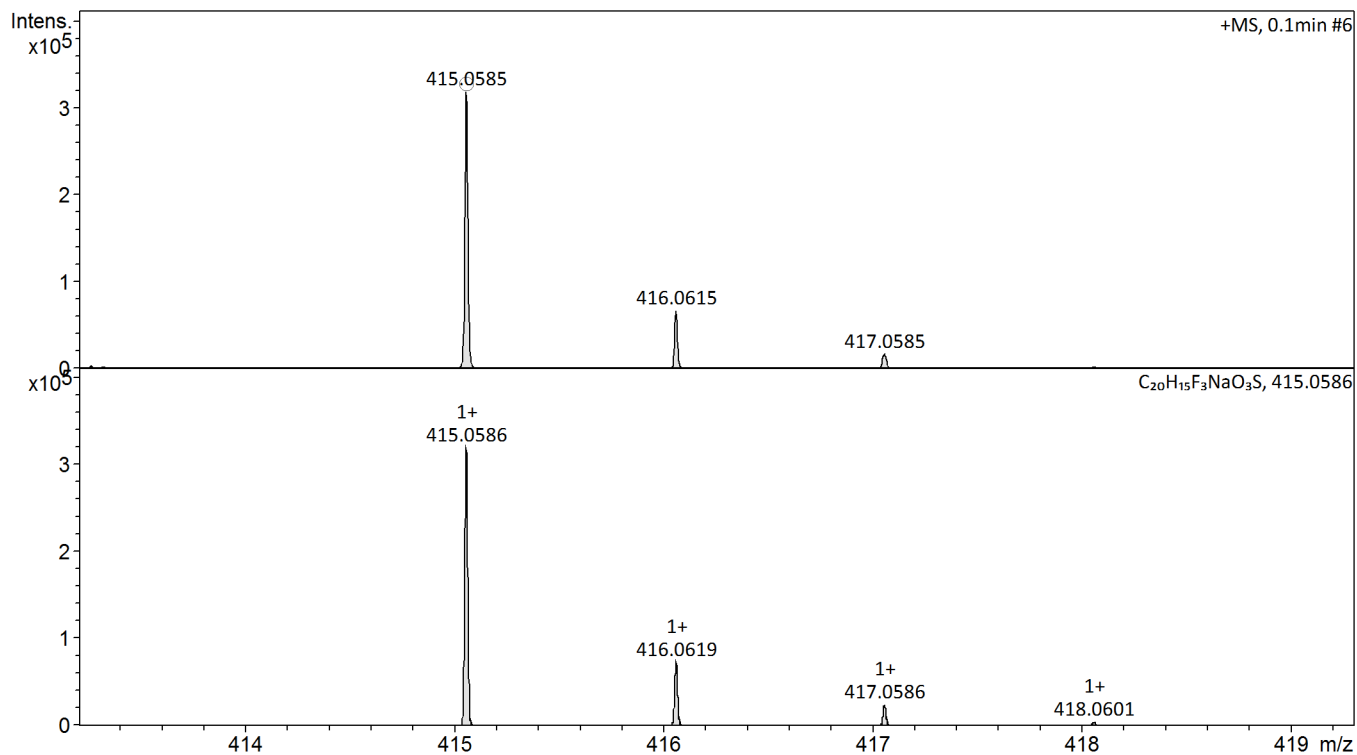
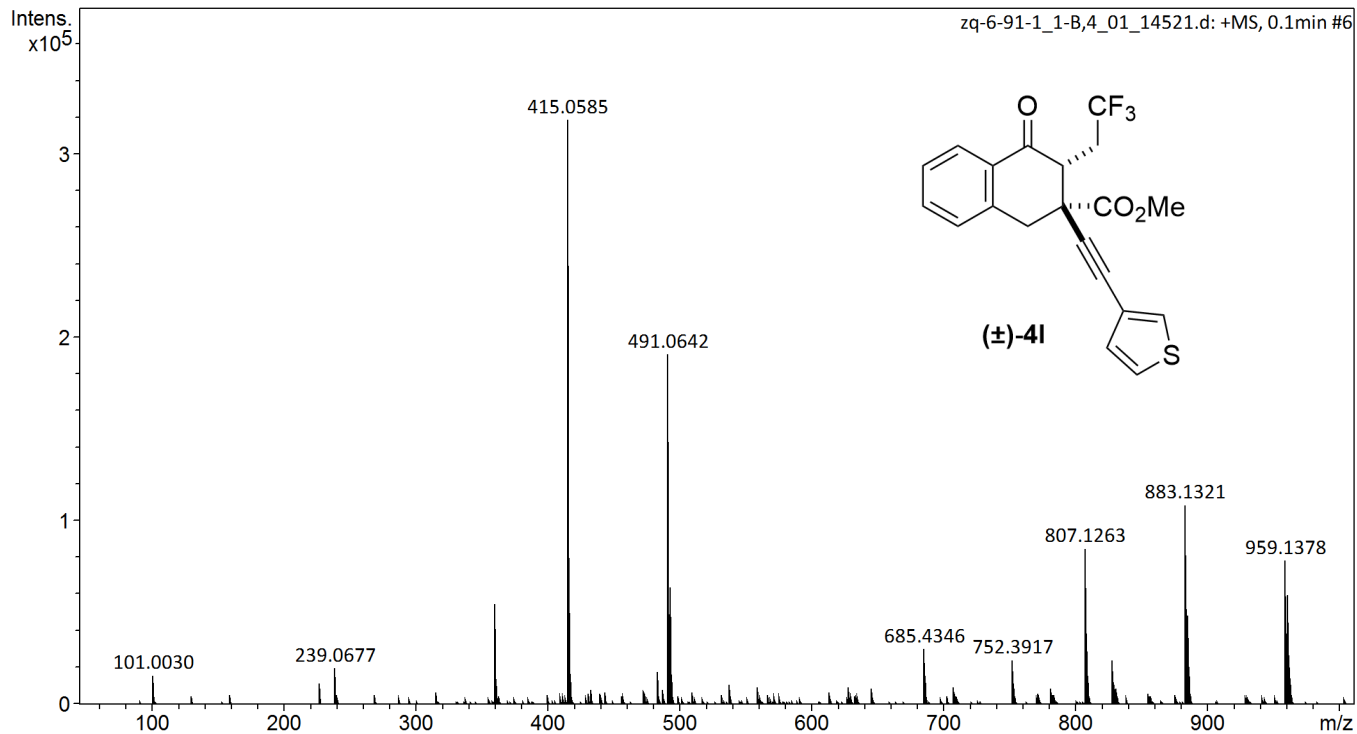
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-91-1_1-B,4_01_14521.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-91-1
Comment

Acquisition Date 1/27/2021 1:18:29 PM

Operator BDAL@DE
Instrument impact II



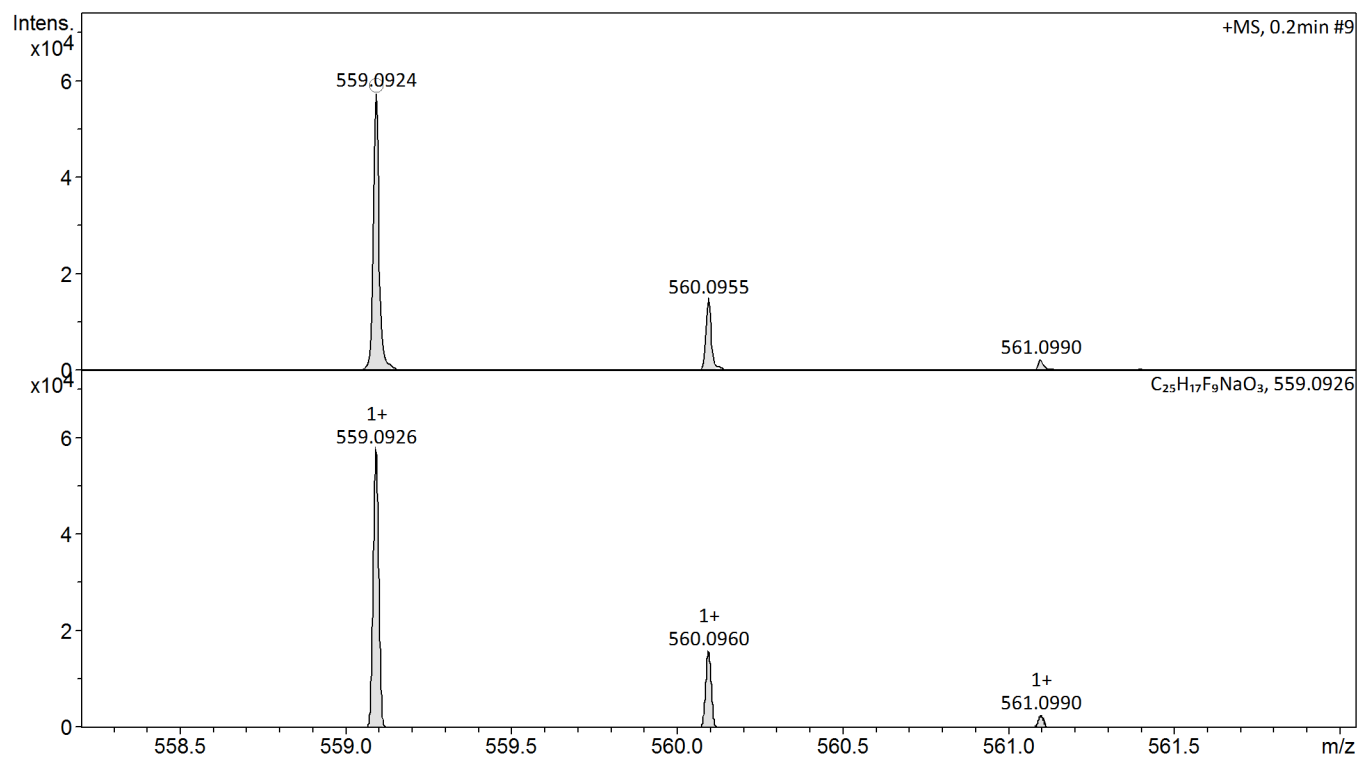
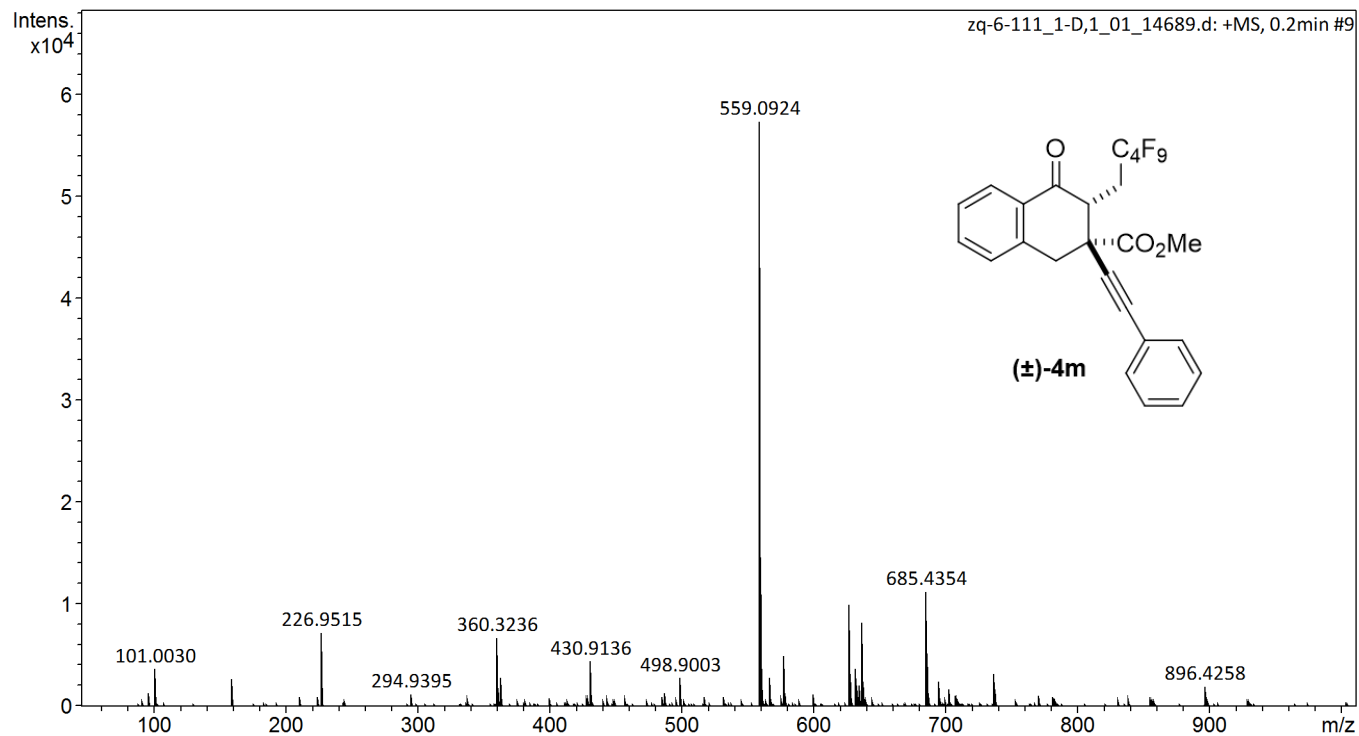
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202101\bhl\zq-6-111_1-D,1_01_14689.d
Method pq-ms-pos-50-1000.m
Sample Name zq-6-111
Comment

Acquisition Date 1/29/2021 1:32:14 PM

Operator BDAL@DE
Instrument impact II



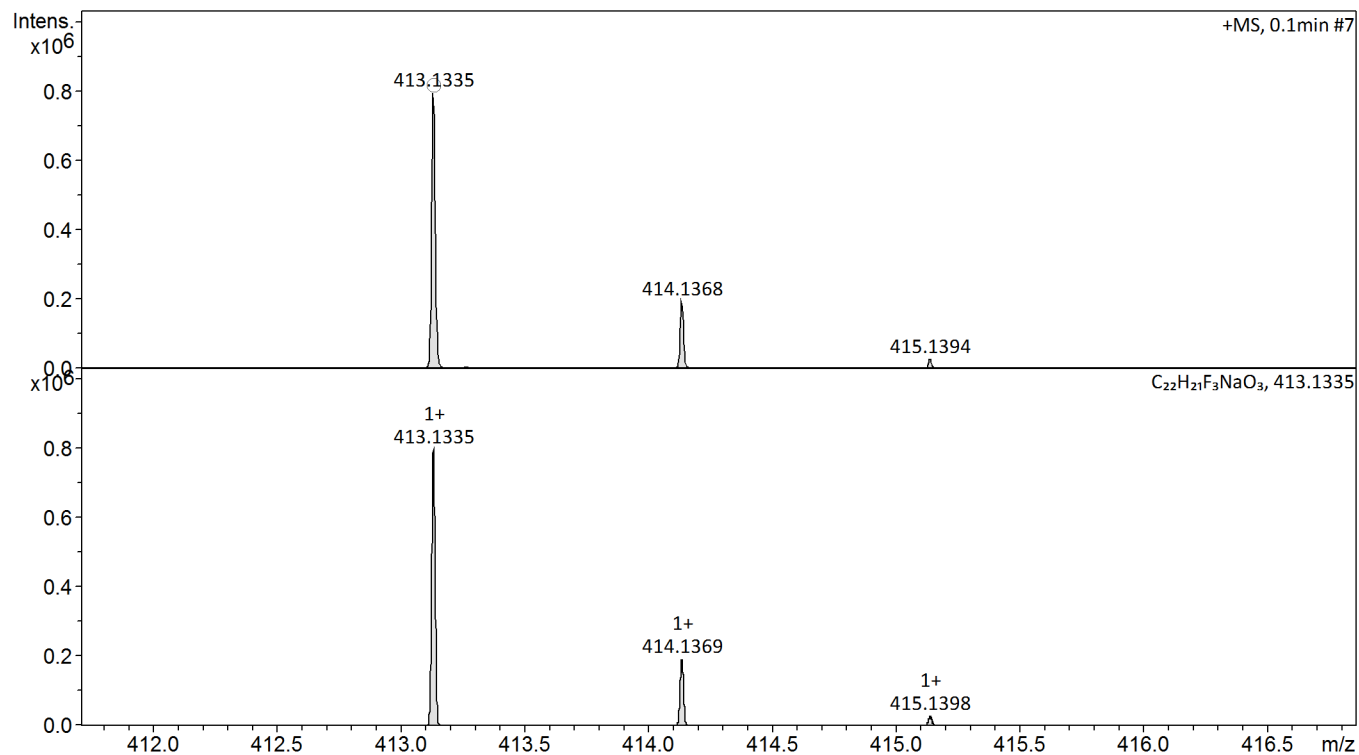
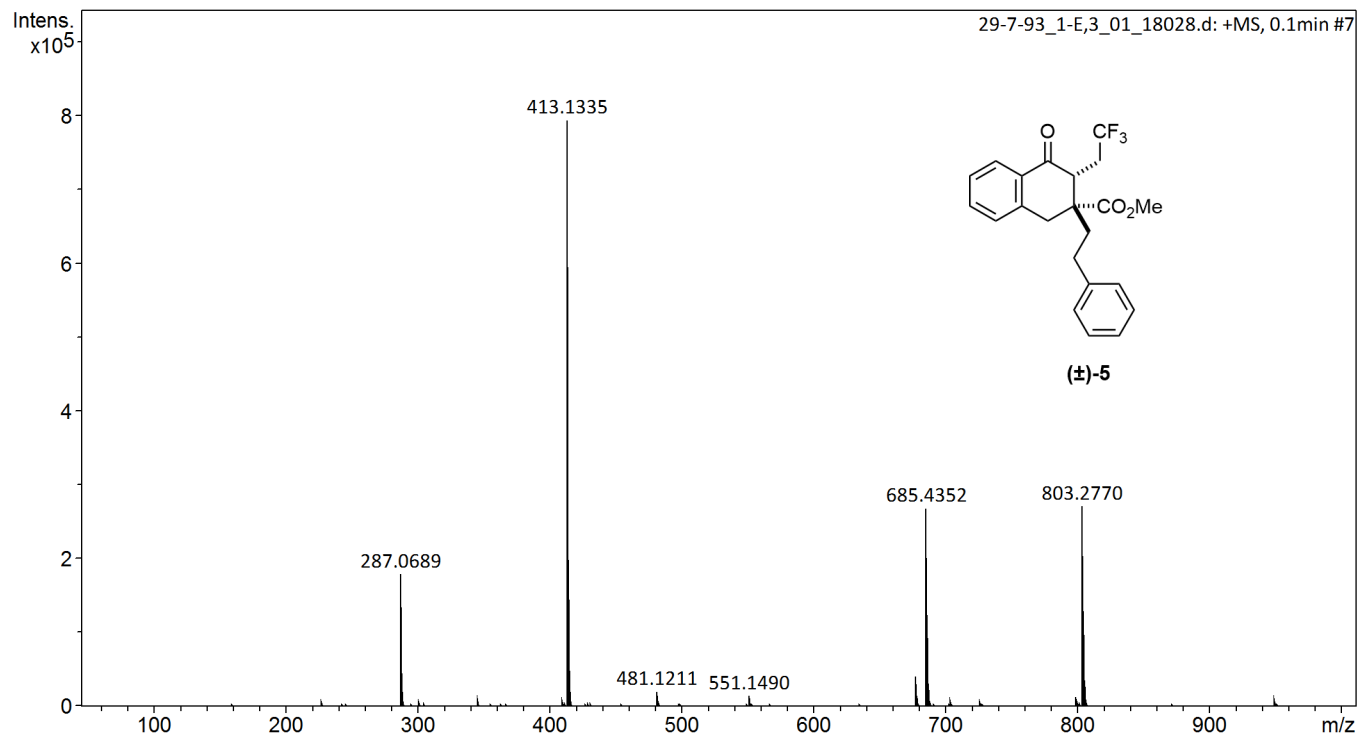
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202107\bhl\29-7-93_1-E,3_01_18028.d
Method pq-ms-pos-50-1000.m
Sample Name 29-7-93
Comment

Acquisition Date 7/8/2021 10:47:41 AM

Operator BDAL@DE
Instrument impact II



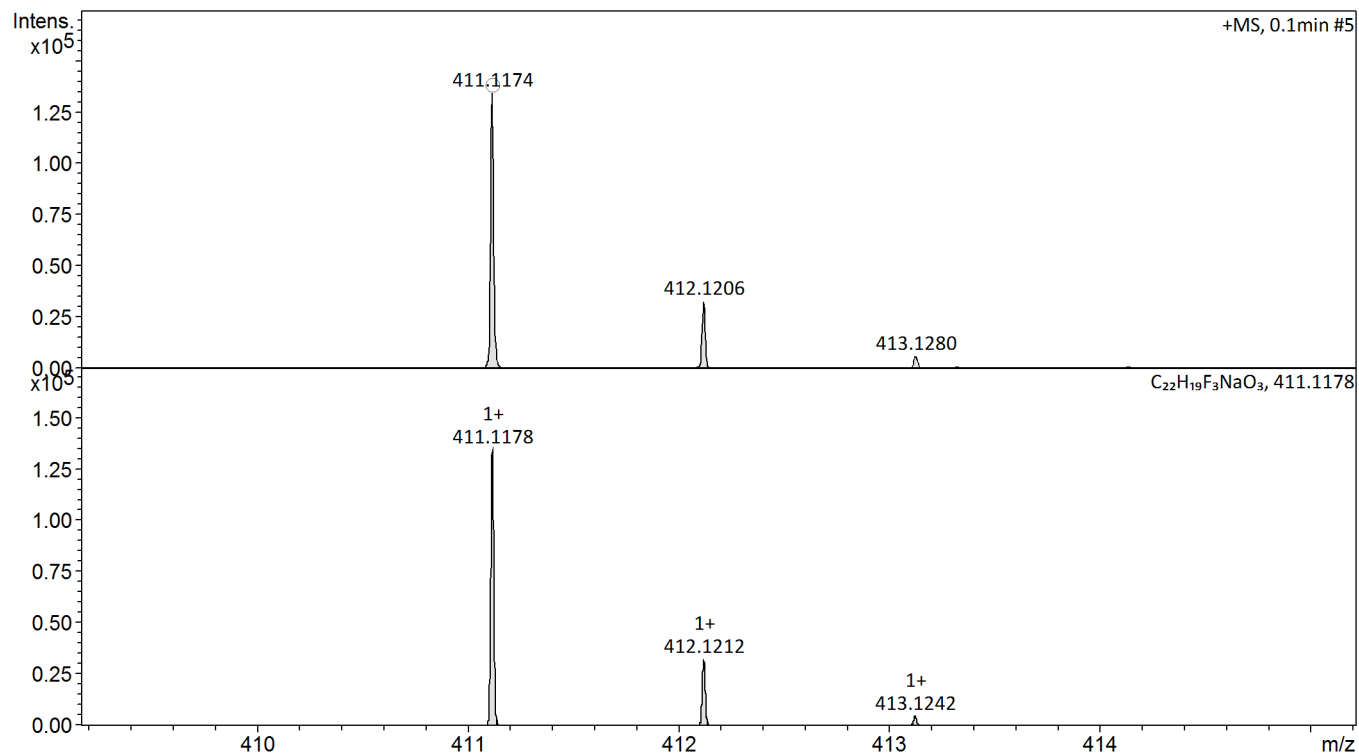
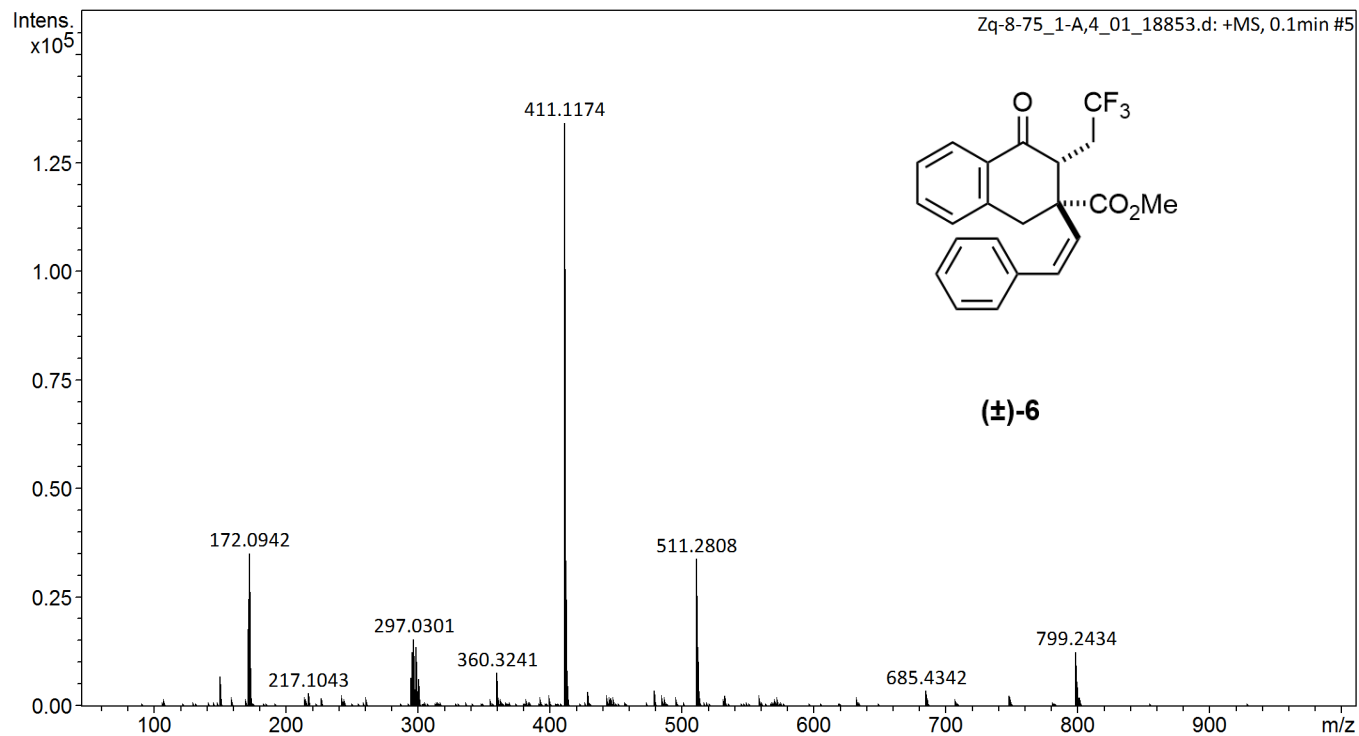
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-75_1-A,4_01_18853.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-75
Comment

Acquisition Date 8/26/2021 10:26:20 AM

Operator BDAL@DE
Instrument impact II



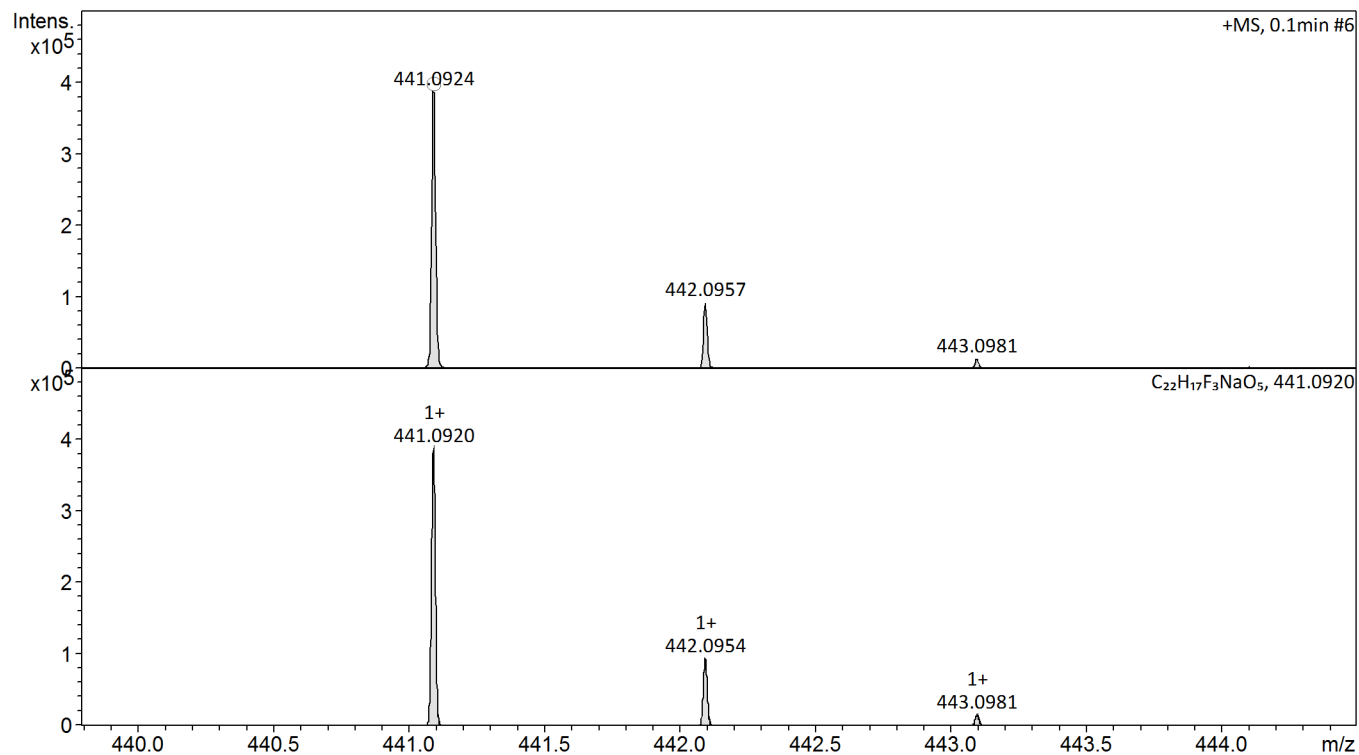
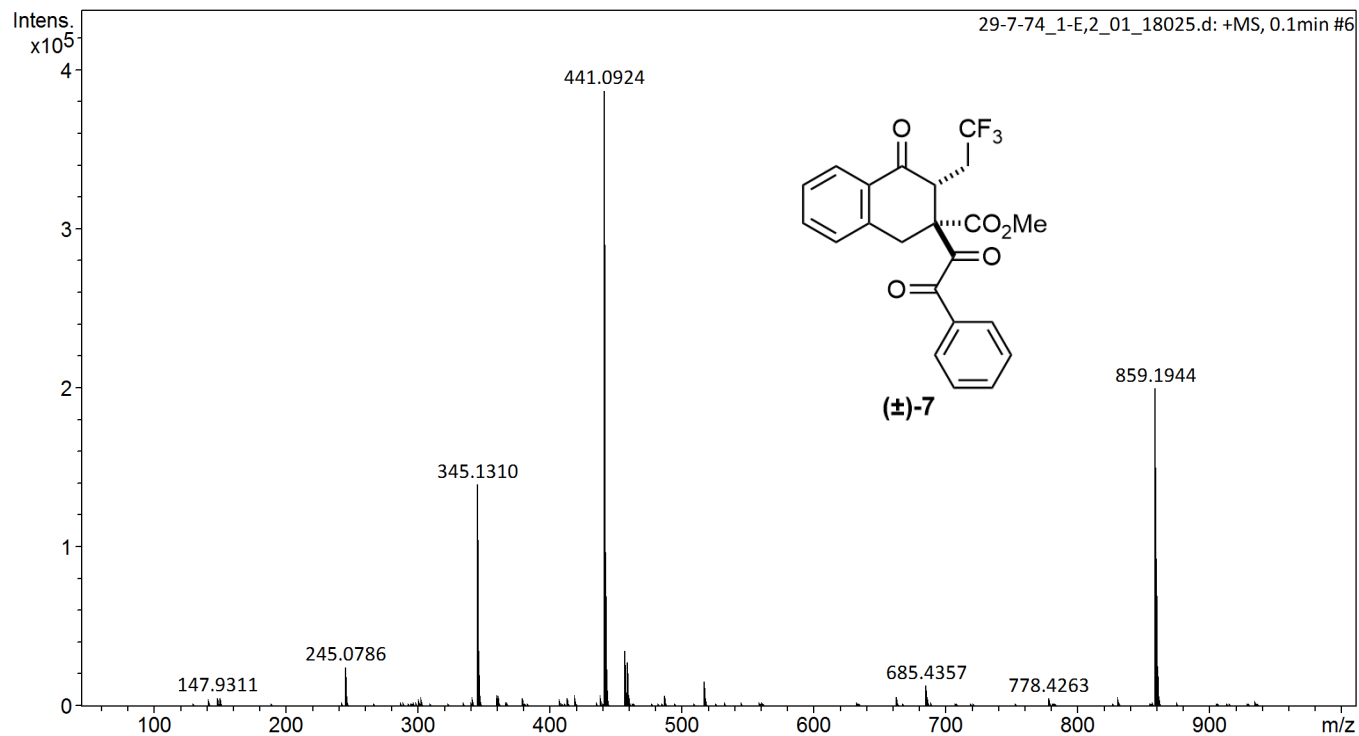
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202107\bhl\29-7-74_1-E,2_01_18025.d
Method pq-ms-pos-50-1000.m
Sample Name 29-7-74
Comment

Acquisition Date 7/8/2021 10:08:43 AM

Operator BDAL@DE
Instrument impact II



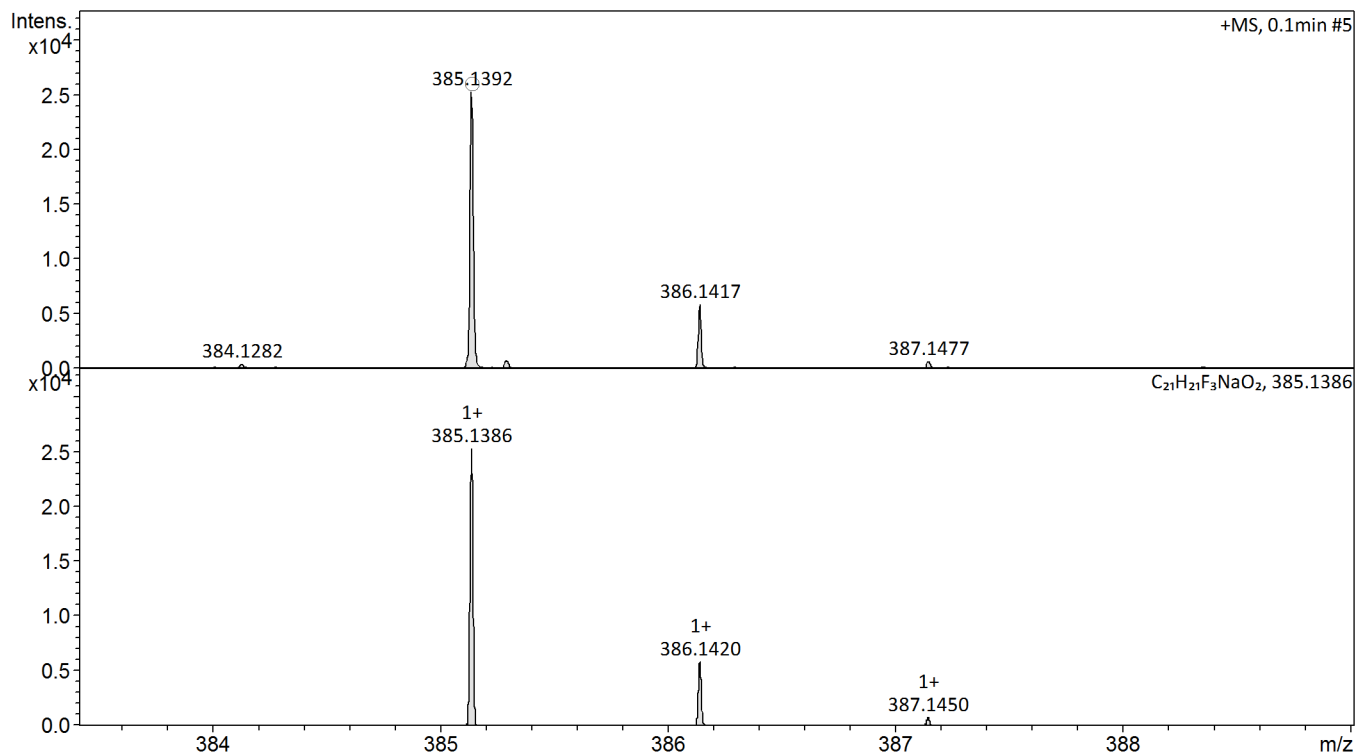
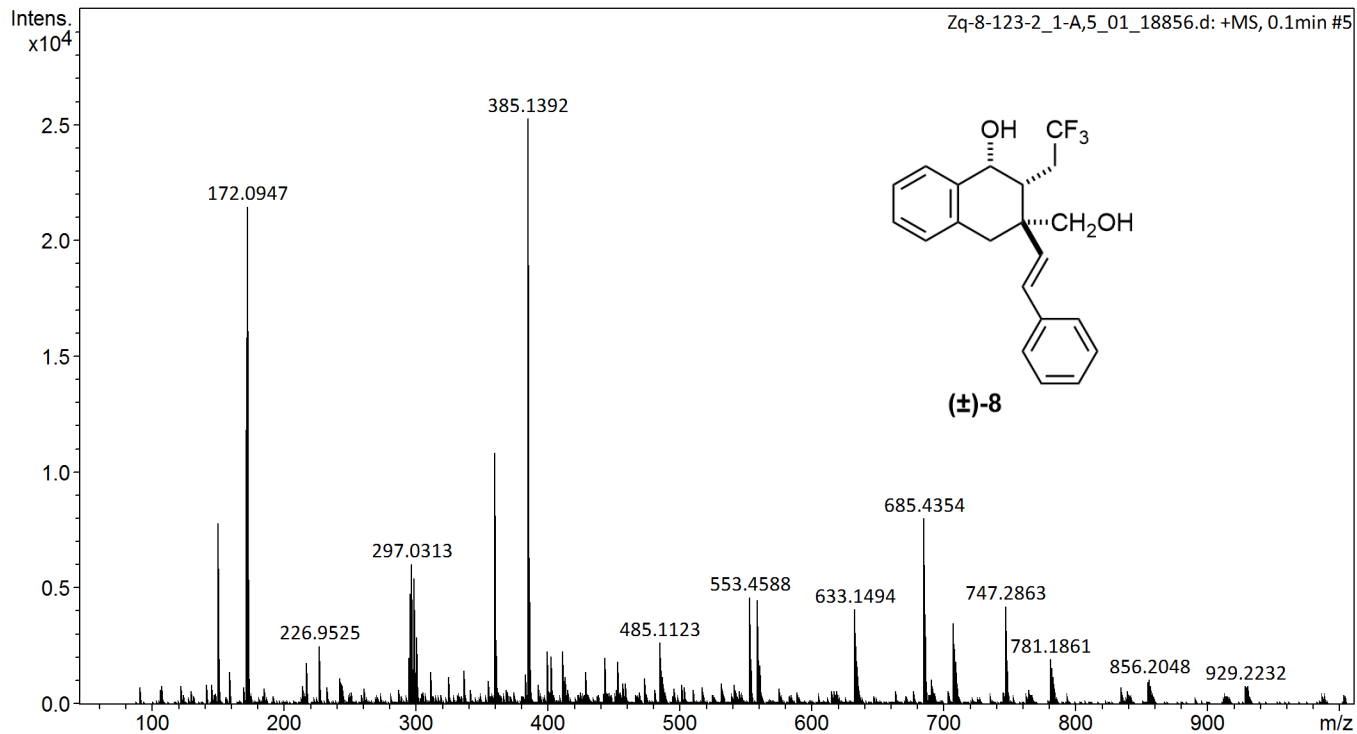
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-123-2_1-A,5_01_18856.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-123-2
Comment

Acquisition Date 8/26/2021 10:39:16 AM

Operator BDAL@DE
Instrument impact II



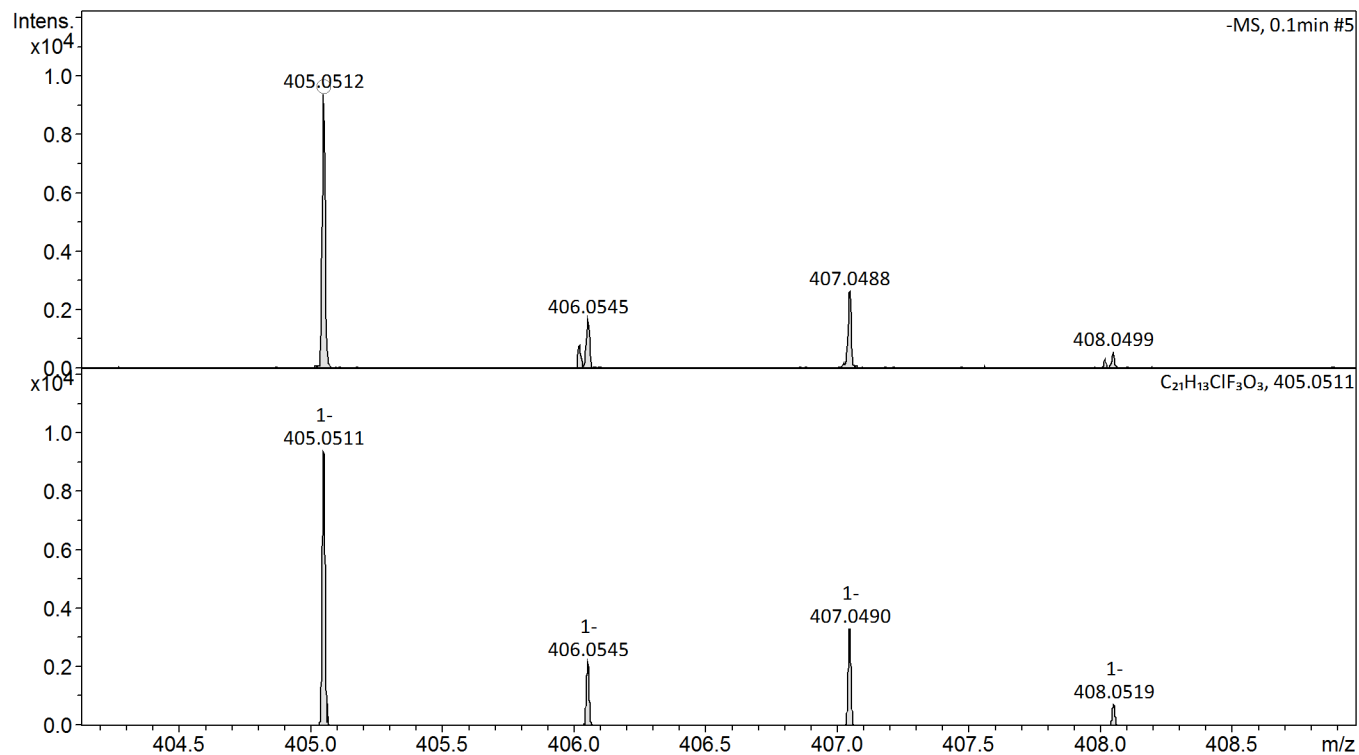
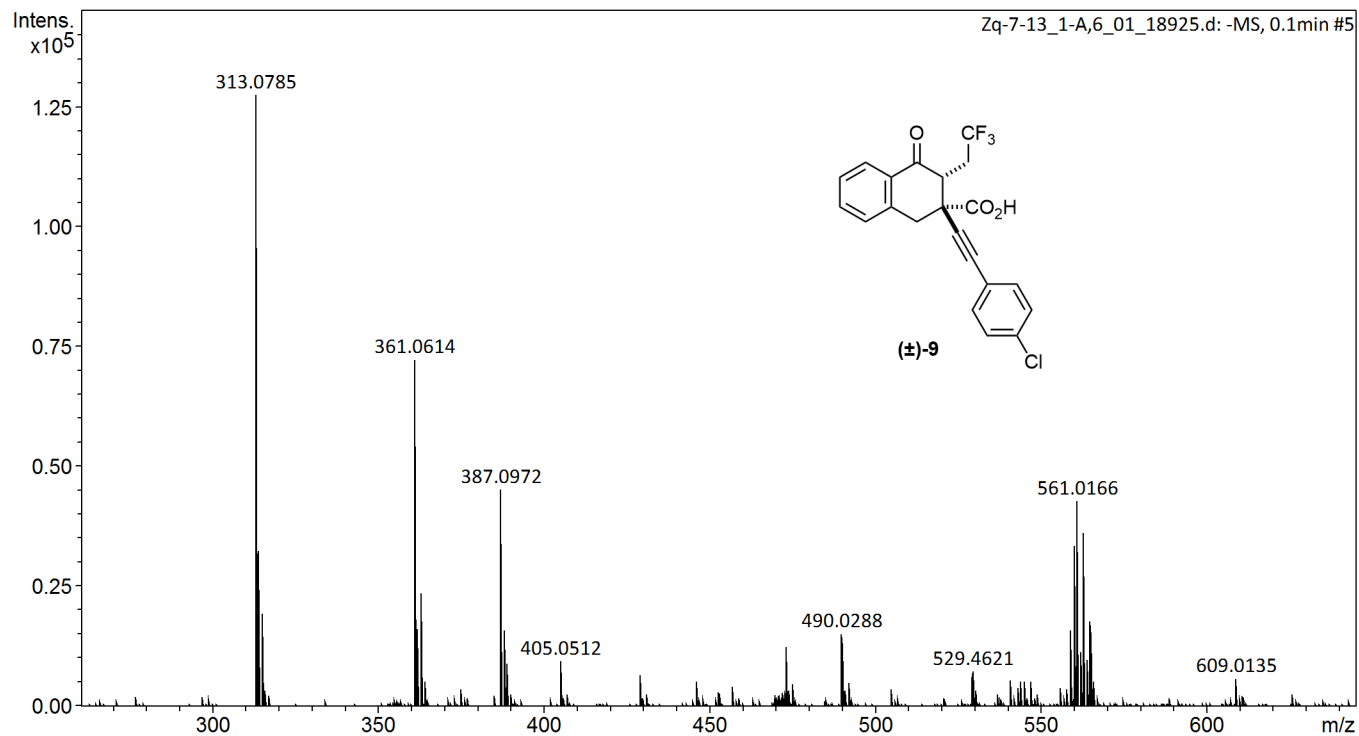
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-7-13_1-A,6_01_18925.d
Method pq-ms-neg-50-1000.m
Sample Name Zq-7-13
Comment

Acquisition Date 8/27/2021 11:38:51 AM

Operator BDAL@DE
Instrument impact II



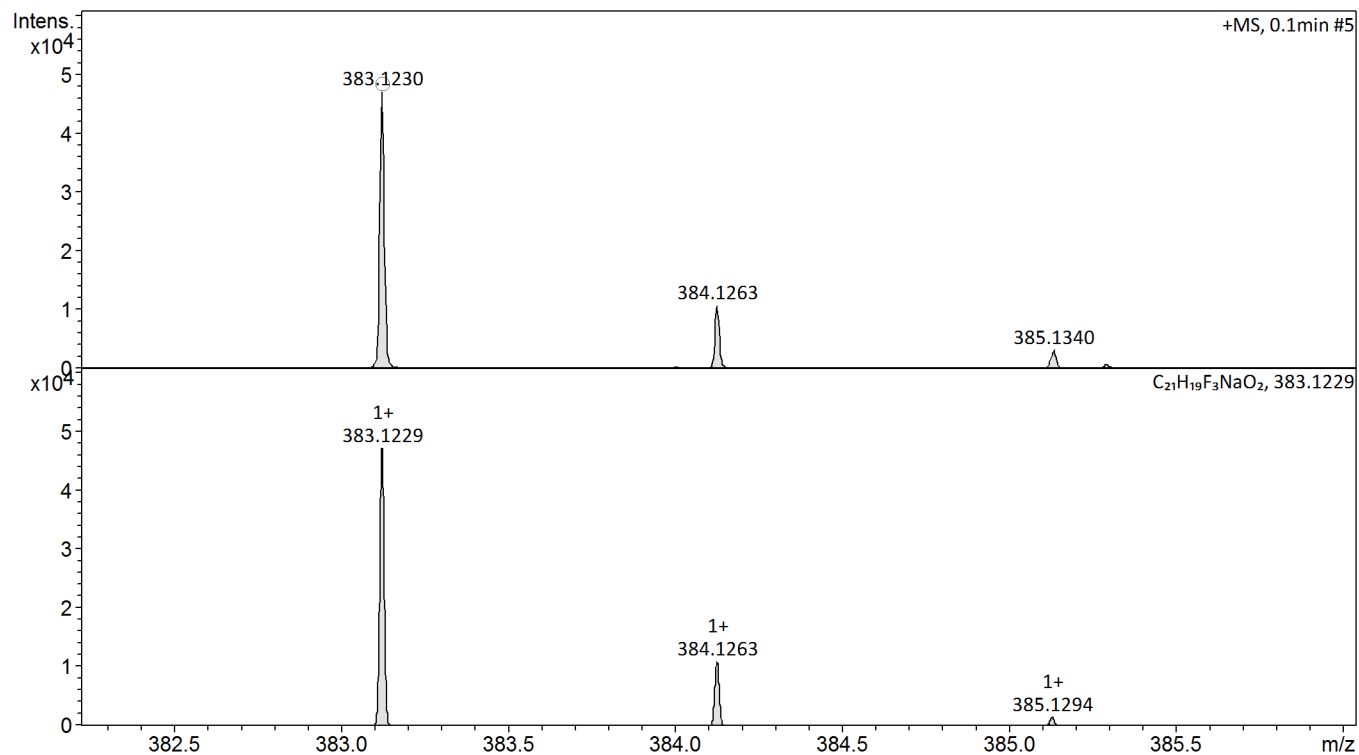
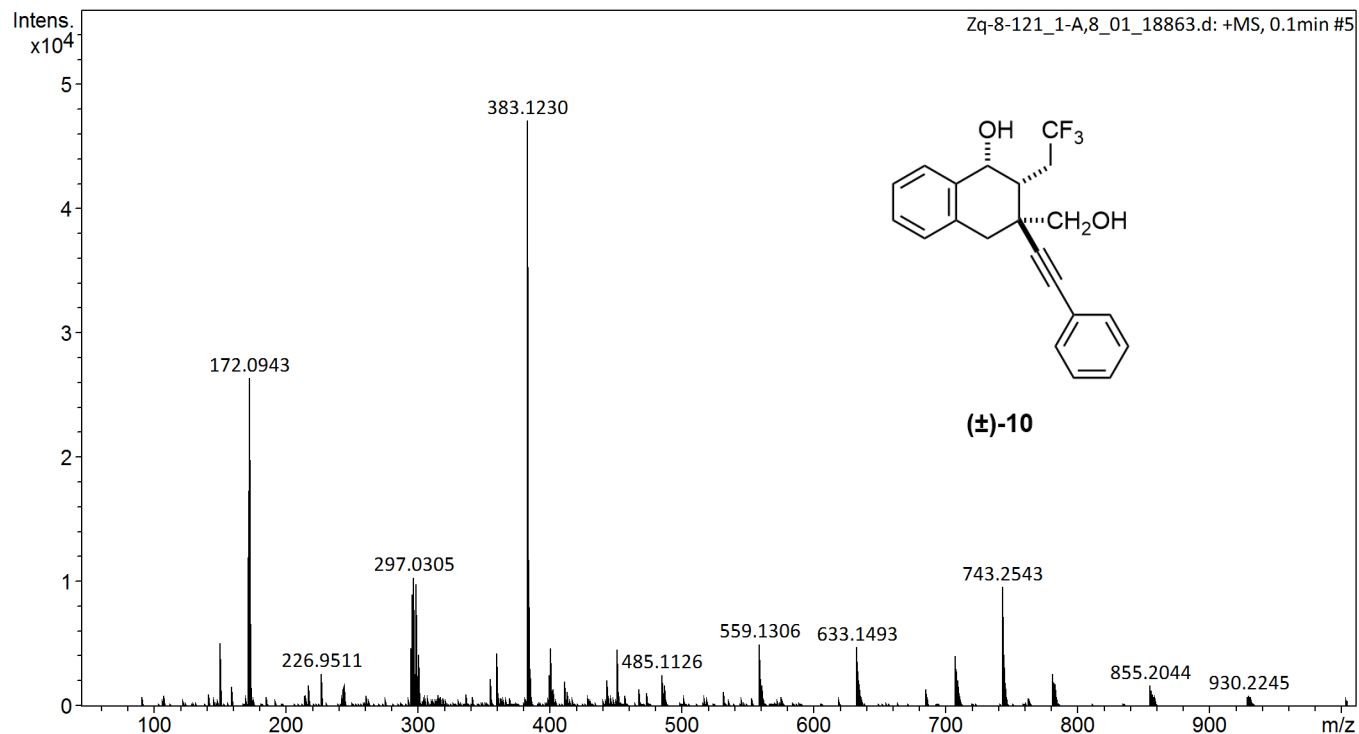
Generic Display Report

Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-121_1-A,8_01_18863.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-121
Comment

Acquisition Date 8/26/2021 11:07:04 AM

Operator BDAL@DE
Instrument impact II



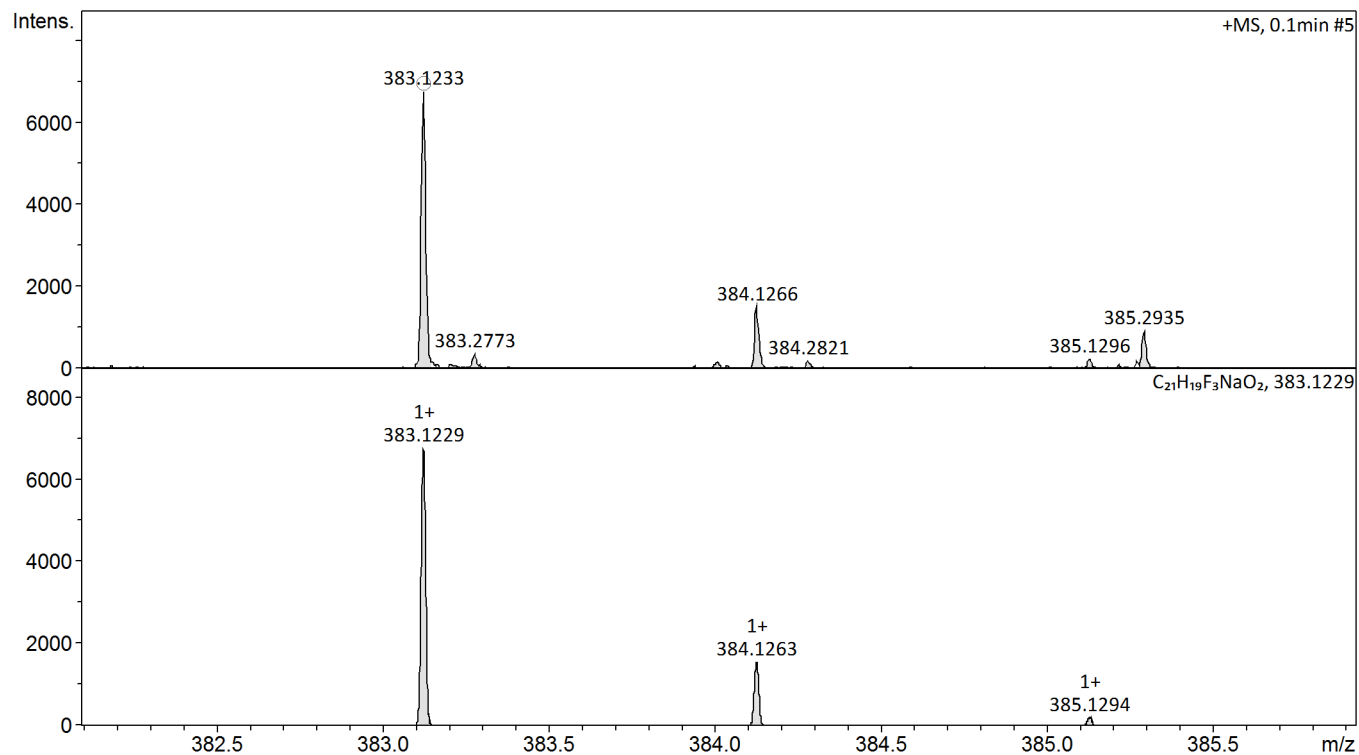
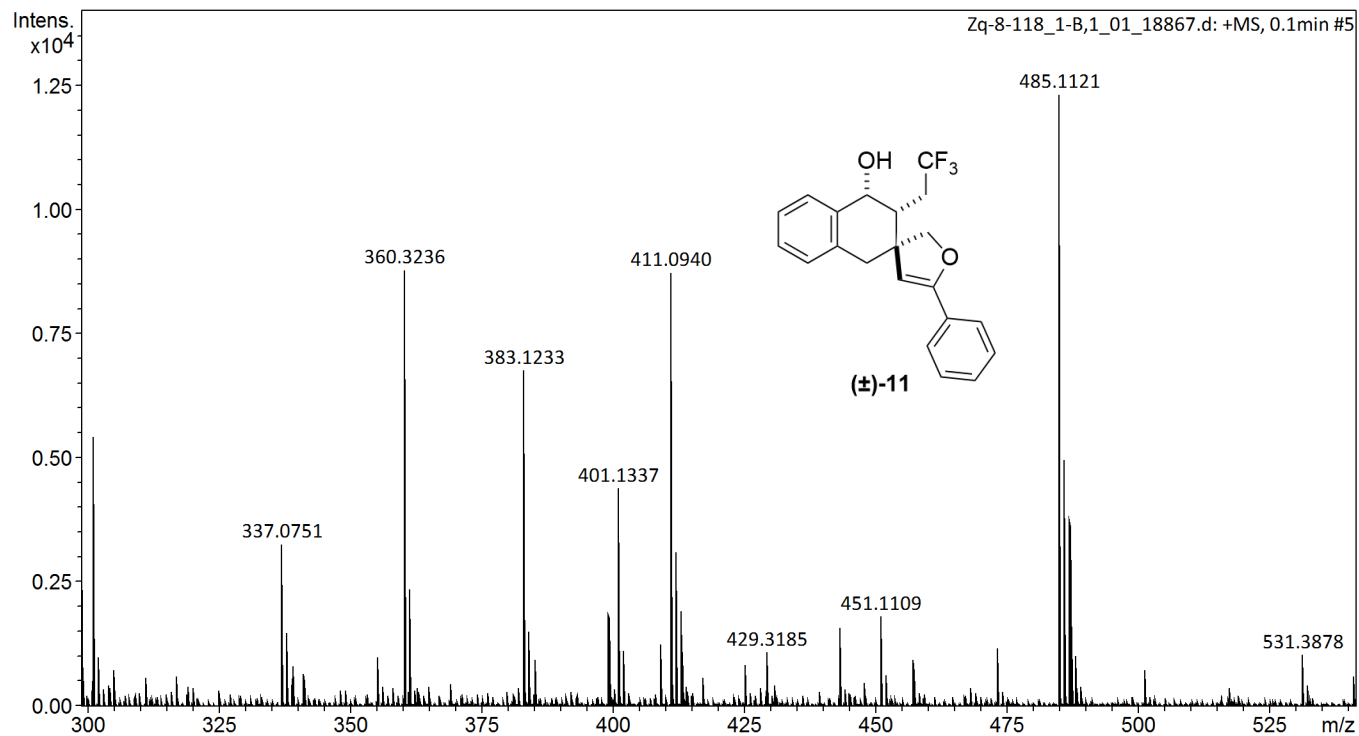
Generic Display Report

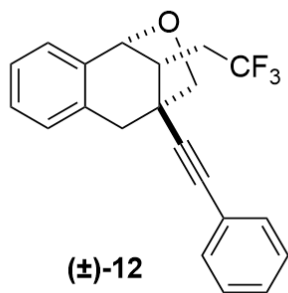
Analysis Info

Analysis Name D:\Data\data\202108\bhl\Zq-8-118_1-B,1_01_18867.d
Method pq-ms-pos-50-1000.m
Sample Name Zq-8-118
Comment

Acquisition Date 8/26/2021 11:22:22 AM

Operator BDAL@DE
Instrument impact II





National Center for Organic Mass Spectrometry in Shanghai
Shanghai Institute of Organic Chemistry
Chinese Academic of Sciences
High Resolution FI-MS REPORT

Instrument: JEOL-AccuTOF-GCv4G-GCT MS

Operation Mode: FI Positive Ion Mode (Counter Electrode: 10000V)

Card Serial Number: GCT-FI-T21-09-OS-415

Sample Serial Number: WGS-LYJ-ZQ-8-124-2

Operator: Li Date: 2021/09/08

m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
342.1223	342.1223	0.10	-1.0	C ₁₄ H ₃₁ O ₂ Br S
	342.1221	0.57	-12.0	C ₆ H ₃₂ O ₂ Br F ₅ S
	342.1226	-0.75	-6.5	C ₉ H ₂₇ N Br F ₆
	342.1226	-0.88	12.0	C ₂₁ H ₁₇ O F ₃
	342.1219	1.02	3.0	C ₁₃ H ₂₁ O ₃ N ₂ F ₃ S

