



Figure 2: a) Photodegradation of TTBP-TAZ after selected irradiation times. Error bars represent the standard deviation ($m = 3$), b) Formation of PTPs of TTBP-TAZ measured by HPLC-DAD (A/A_0 as A – peak area of PTPs and A_0 – peak area of TTBP-TAZ at 0 min), (initial concentration of TTBP-TAZ = 100 μ M).

Table 2. Retention times, main ions and ion raw formulas of TTBP-TAZ and its photo-transformation products after UV irradiation (Q_1 Multiple Ion scan).

PTP	R_t (min)	m/z	Ion raw formula $[M+H]^+$
TP1	8.36	752	$C_{21}H_{11}Br_5N_3O_3$
TP2	8.75	752	
TP3	9.22	831	$C_{21}H_{10}Br_6N_3O_3$
TP4	9.53	831	
TP5	9.96	910	$C_{21}H_9Br_7N_3O_3$
TP6	10.35	910	
TP7	10.96	989	$C_{21}H_8Br_8N_3O_3$
TP8	11.34	989	
TP9	12.12	N/A	N/A
TTBP-TAZ	12.71	1068	$C_{21}H_7Br_9N_3O_3$

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