



**Fig. 1** Experimental results of the QRCSSS. (a):  $\mathbf{H}$ ; (b):  $\mathbf{C}_1$ ; (c):  $\mathbf{C}_2$ ; (d):  $\mathbf{H}_y$ ; (e):  $\mathbf{S}_1$ ; (f):  $\mathbf{S}_2$ ; (g):  $\mathbf{H}'_y$ ; (h):  $\mathbf{H}'$  ( $\mathbf{H}'_y$  is processed by the contrast enhancer); (i): The difference between the  $\mathbf{H}$  and  $\mathbf{H}'$ , where white modules denotes difference. (j):  $\mathbf{S}'_1$  ( $\mathbf{S}_1$  is processed by the contrast enhancer); (k):  $\mathbf{S}'_2$  ( $\mathbf{S}_1$  is processed by the contrast enhancer); (l): The difference between the  $\mathbf{C}_1$  and  $\mathbf{S}'_1$ , where the white module denotes difference. (m): The difference between the  $\mathbf{C}_2$  and  $\mathbf{S}'_2$ , where the white module denotes difference.