

If a box plot doesn't appear

To create a box plot

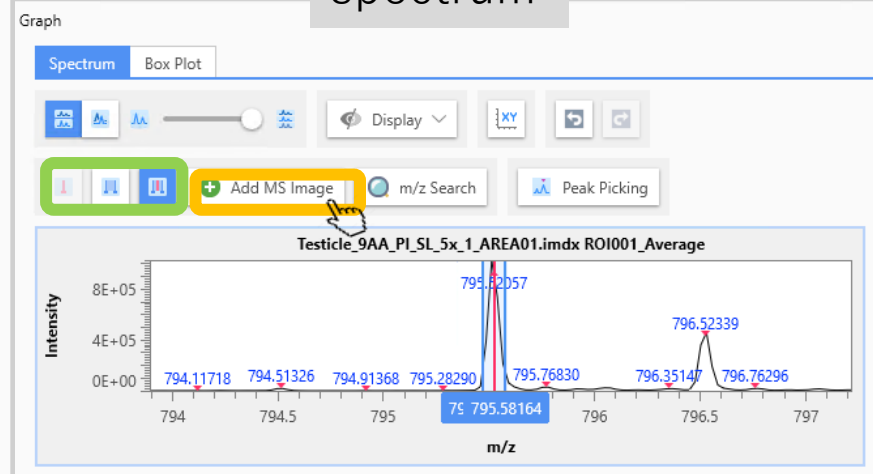
- First, it is necessary to create an MS image
- Steps
 1. Select the m/z range that you want to make a box plot for from the data matrix table / spectrum / graph etc.
(Right-click and select “Add MS Image”)
 2. The MS image is added to the “MS Image List” in the main window
(Select the target m/z range from the “MS Image List”)
 3. A box plot and histograms of the selected m/z range are displayed on the graph tab

1. Select the m/z range that you want to make a box plot for from the data matrix table / spectrum / graph etc.

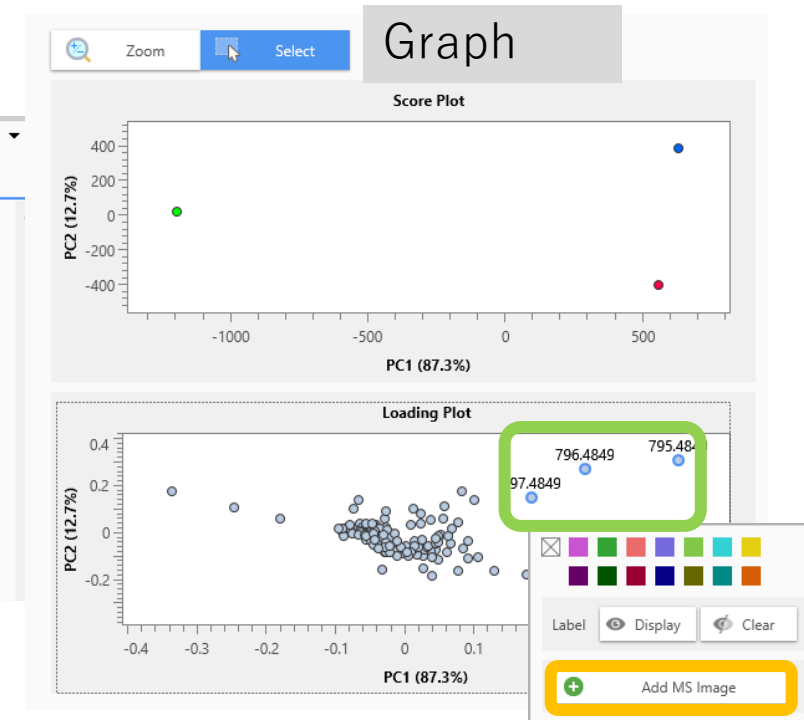
Data Matrix Table

No.	Use	Tag	Label	cal Axis	ROI001	ROI002	ROI003
			PCA-Horizontal Axis		5.600e+002	6.339e+002	-1.194e+003
			PCA-Vertical Axis		-4.021e+002	3.859e+002	1.624e+001
186	<input checked="" type="checkbox"/>		884.984	734e-001	52242.364	91789.399	285789.467
187	<input checked="" type="checkbox"/>		885.984				157633.888
188	<input checked="" type="checkbox"/>		886.984				82594.137
189	<input checked="" type="checkbox"/>		887.984				27921.519
14	<input checked="" type="checkbox"/>		712.984				22881.835
26	<input checked="" type="checkbox"/>		724.984				24166.905
24	<input checked="" type="checkbox"/>		722.984				36191.574
16	<input checked="" type="checkbox"/>		714.984				19637.225
25	<input checked="" type="checkbox"/>		723.9849-724.9849	771e-002	10692.506	12001.029	22765.134
95	<input checked="" type="checkbox"/>		793.9849-794.9849	768e-003	30408.058	29572.948	40261.999
2	<input checked="" type="checkbox"/>		700.9849-701.9849	692e-004	10132.104	9749.542	20207.773
15	<input checked="" type="checkbox"/>		713.9849-714.9849	429e-003	6949.865	6083.847	16639.591
159	<input checked="" type="checkbox"/>		857.9849-858.9849	699e-002	21195.334	27205.043	35450.414
60	<input checked="" type="checkbox"/>		758.9849-759.9849	945e-003	6825.433	6372.195	15000.262
158	<input checked="" type="checkbox"/>		856.9849-857.9849	359e-001	35594.351	44503.002	50724.988
104	<input checked="" type="checkbox"/>		802.9849-803.9849	054e-002	9201.065	8296.788	16855.253
8	<input checked="" type="checkbox"/>		706.9849-707.9849	158e-002	7841.996	8671.765	16254.045
44	<input checked="" type="checkbox"/>		742.9849-743.9849	451e-002	6368.769	6816.289	14428.873

spectrum



Graph



2. The MS image is added to the “MS Image List” in the main window. Select it.

The screenshot displays the IMAGEREVEAL software interface. The 'MS Image List' panel on the right shows a list of images. The image 'Testicle_9AA_PLS_5x_1_AREA01.imdx' is selected, highlighted with a yellow box, and a 'select' button is visible below it. The 'Data Matrix Table' in the center shows a table with columns for No., Use, Tag, Label, and three ROI columns (ROI001, ROI002, ROI003). The 'Graph' panel at the bottom shows a mass spectrum plot with peaks labeled with m/z values. The 'Analysis Parameters' panel on the left shows various settings for the analysis.

No.	Use	Tag	Label	ROI001	ROI002	ROI003
186	✓		884.9849-885.9849	52242.364	91789.399	285789.467
187	✓		885.9849-886.9849	34271.553	51295.158	157633.888
188	✓		886.9849-887.9849	19271.791	25189.451	82594.137
189	✓		887.9849-888.9849	11304.263	11665.185	27921.519
14	✓		712.9849-713.9849	8275.835	7723.166	22881.835
26	✓		724.9849-725.9849	9259.066	9815.346	24166.905
24	✓		722.9849-723.9849	23144.278	21182.874	36191.574
16	✓		714.9849-715.9849	6666.396	7309.580	19637.225
25	✓		723.9849-724.9849	10692.506	12001.029	22765.134
95	✓		793.9849-794.9849	30408.058	29572.948	40261.999
2	✓		700.9849-701.9849	10132.104	9749.542	20207.773
15	✓		713.9849-714.9849	6949.865	6083.847	16639.591
159	✓		857.9849-858.9849	21195.334	27205.043	35450.414
60	✓		758.9849-759.9849	6825.433	6372.195	15000.262
158	✓		856.9849-857.9849	35594.351	44503.002	50724.988
104	✓		802.9849-803.9849	9201.065	8296.788	16855.253
8	✓		706.9849-707.9849	7841.996	8671.765	16254.045
44	✓		742.9849-743.9849	6368.769	6816.289	14428.873

No.	Name	Value
1	Normalize	TIC
2	Normalize Reference Value Setting	Off
3	Normalize Minimum Threshold(%)	0
4	Data Matrix Analysis Method	Non-target
5	m/z Range	699.9849
6	Tolerance/Bin Size (Da)	1.0000
7	Labeling	Off
8	Exclusion List	Off
9	Threshold Setting	Off

3. A box plot and histograms of the selected m/z range are displayed on the graph tab

