



I	Processing	Bucketing	Data Ex	port									
	Data Type	to Export:			Export Form	at:							
	Data ma	trix			Tabular Ser	parator Value	(TXT)	-		📥 Export S	NR Matrix		
	Buckets	table			Tensenen oop		(1207)						
	SNR ma	trix			noisy PPM ra	nde:							
	XLSX W	orkbook			10.5 10.2								
	<ul> <li>Spectral</li> </ul>	data											
	A	B	С	D	E	F	G	н	Ι	J	K	L	Μ
1	Sampleco 🔻	Dose.Leve 🖓	Caterogy 💌	B9_3435 💌	B9_1674 💌	B9_1495 💌	B8_9497 💌	B8_9354 💌	B8_8489 💌	B8_8331 💌	B8_7257 💌	B8_7181 💌	B8_7137 💌 B
2	aq_179	BPA250ng	В	22.7	7 8.5	8.3	15.4	15.7	2.2	2.1	10.9	11.6	13.2
3	aq_157	BPA250ng	В	19.4	4 8.1	7.8	26.2	27.6	1.9	1.9	25.3	25.2	26.5
4	aq_154	BPA250ng	Α	50.1	L 22.5	23.8	26.5	26.2	5.4	5.6	21.7	22.0	22.9
5	aq_138-3	BPA250ng	Α	38.1	L 17.9	18.7	28.3	27.7	10.5	11.2	30.0	30.2	30.8
6	aq_138-1	BPA250ng	Α	30.3	3 13.0	13.8	28.9	29.7	1.8	1.7	27.8	27.7	28.4
7	aq_172	BPA250ng	В	53.9	9 25.5	25.0	36.7	36.0	5.8	6.1	30.4	30.4	30.3
8	aq_135	BPA250ng	Α	62.4	1 30.0	29.4	39.0	38.9	13.7	14.6	31.0	36.9	36.1
9	aq_141	BPA250ng	Α	32.5	5 14.9	14.8	40.0	40.2	2.1	1.9	37.6	38.5	38.5
10	aq_133	BPA250ng	Α	48.9	9 22.6	22.8	40.0	39.0	4.2	4.9	34.8	33.5	34.6
11	aq_173	BPA250ng	В	18.7	7 8.5	8.7	40.5	39.7	0.9	1.3	32.0	34.3	34.7
12	aq_165	BPA250ng	В	22.0	10.2	9.7	44.4	43.2	7.5	7.4	39.7	41.2	42.2
13	aq_138-2	BPA250ng	Α	33.8	3 14.8	16.6	44.7	42.8	1.9	2.1	37.0	38.0	39.1
14	aq_155	BPA250ng	Α	12.7	7 6.2	5.8	45.8	43.1	4.7	4.4	39.0	39.6	40.9
15	aq_162	BPA25ng	В	64.7	7 32.8	33.1	26.8	26.0	20.6	22.5	23.3	24.8	25.4
16	aq_181	BPA25ng	В	51.3	3 26.2	26.5	27.7	27.7	17.4	19.8	27.0	26.3	27.3
17	aq_164	BPA25ng	В	47.2	2 22.2	22.3	28.3	28.5	13.1	14.1	23.3	27.7	28.4
18	aq_152	BPA25ng	А	50.9	23.4	23.1	34.3	33.9	1.4	2.4	28.5	28.9	30.5
19	aq_136	BPA25ng	А	29.9	) 13.2	13.5	39.0	38.5	3.4	4.5	32.7	33.3	34.2
20	aq_166	BPA25ng	В	34.3	3 15.4	16.0	39.8	39.4	1.6	1.6	34.0	34.1	33.9
21	aq_137	BPA25ng	Α	22.8	3 9.8	10.5	40.6	39.9	0.6	0.9	32.6	34.3	34.4
22	aq_177	BPA25ng	В	31.3	3 14.3	13.3	44.1	42.5	1.4	1.5	34.8	36.8	38.1
23	aq_163	BPA25ng	В	32.2	2 14.9	14.7	44.7	43.1	5.7	6.6	40.4	41.7	42.4
24	aq_149	BPA25ng	Α	27.5	5 12.8	12.9	51.5	48.7	3.5	4.1	43.4	43.0	43.4



		waal	i i i i i i i i i i i i i i i i i i i		Norma	al	Bad		G	ood	<u>^</u>				
X		xcei	Conditional Formatting •	Format as Table ▼	Neutra	al	Calculat	tion	С	heck Cell					
			Highlig	ght Cells Rule	s⊧	<u> </u>	reater Than								
			<b>10 <u>T</u>op/B</b>	ottom Rules	► E		ess Than								
	A	B							_	H	1	J	K	L	M
1	Sampleco 💌	Dose.Lev∉ -⊺	( <u>D</u> ata B	ars	• 1 E		etween		<b>T</b>	B8_9354 💌	B8_8489	B8_8331	B8_7257 💌	B8_7181 💌	B8_7137 ▼ B8_
2	aq_179	BPA250ng							15.4	15.7	2.	2 2.1	10.9	11.6	13.2
3	aq_157	BPA250ng	Color	Scales	• • - E		qual To		26.2	27.6	1.9	9 1.9	25.3	25.2	26.5
4	aq_154	BPA250ng							26.5	26.2	5.4	1 5.6	5 21.7	22.0	22.9
5	aq_138-3	BPA250ng	lcon S	ets	- ▶	I I	ext that Contai	ns	28.3	27.7	10.	5 11.2	2 30.0	30.2	30.8
6	aq_138-1	BPA250ng				- <u>a</u> 0			28.9	29.7	1.3	3 1.7	27.8	27.7	28.4
7	aq_172	BPA250ng	New Rule		- 6	A	Date Occurring	<b></b>	36.7	36.0	5.3	3 6.1	. 30.4	30.4	30.3
8	aq_135	BPA250ng	🖞 🐺 🛛 <u>C</u> lear Rule	es	• • • •		-		39.0	38.9	13.	7 14.6	5 31.0	36.9	36.1
9	aq_141	BPA250ng	Manage F	Rules	- E		unlicato Valuos		10.0	40.2	2.:	1.9	37.6	38.5	38.5
10	aq_133	BPA250ng	,		E		uplicate values		10.0	39.0	4.:	2 4.9	34.8	33.5	34.6
11	aq_173	BPA250ng	В	18.7		Mor	e Rules		40.5	39.7	0.9	9 1.3	3 32.0	34.3	34.7
12	aq_165	BPA250ng	В	22.0					14.4	43.2	7.	5 7.4	39.7	41.2	42.2
13	aq_138-2	BPA250ng	A	33.8		14.8	16.6		44.7	42.8	1.9	9 2.1	37.0	38.0	39.1
14	aq_155	BPA250ng	A	12.7		6.2	5.8		45.8	43.1	4.1	7 4.4	39.0	39.6	40.9
15	aq_162	BPA25ng	В	64.7		32.8	33.1		26.8	26.0	20.	5 22.5	5 23.3	24.8	25.4
16	aq_181	BPA25ng	В	51.3		26.2	26.5		27.7	27.7	17.4	4 19.8	3 27.0	26.3	27.3
17	aq_164	BPA25ng	В	47.2		22.2	22.3		28.3	28.5	13.	1 14.1	23.3	27.7	28.4
18	aq_152	BPA25ng	Α	50.9		23.4	23.1		34.3	33.9	1.4	1 2.4	28.5	28.9	30.5
19	aq_136	BPA25ng	Α	29.9		13.2	13.5		39.0	38.5	3.4	4.5	5 32.7	33.3	34.2
20	aq_166	BPA25ng	В	34.3		15.4	16.0		39.8	39.4	1.	5 1.6	5 34.0	34.1	33.9
21	aq_137	BPA25ng	Α	22.8		9.8	10.5		40.6	39.9	0.0	5 0.9	32.6	34.3	34.4
22	aq_177	BPA25ng	В	31.3		14.3	13.3		44.1	42.5	1.4	4 1.5	34.8	36.8	38.1
23 × 23	aq_163	BPA25ng	В	32.2		14.9	14.7		44.7	43.1	5.	7 6.6	i 40.4	41.7	42.4
24	aq_149	BPA25ng	Α	27.5		12.8	12.9		51.5	48.7	3.	5 4.1	43.4	43.0	43.4
SCIENCE & IMPACT									-		-				

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E	Excel		Conditional Formatting <del>•</del>	Format as Table +	Normal Neutral		Bad Calc	ulatio	n	Goo Che	od eck Ce	211		
	А	В	I	J		К	L		м		N		0	
1	Sampleco 🔻	Dose.Le	v€_† B8_8489	▼ B8_833	1 💌 B8_7	257 💌 E	8_7181	▼ B8_	7137	▼ B8	7049	▼ B8	6172	-

		Forn	natting 🝷	Table 🔻												
	А	В	I I	J		К	L	м	N	0	Р	Q	R	s	Т	U
1	Sampleco 💌	Dose.Leve ₊†	B8_8489	▼ B8_833	1 💌 🛙	B8_7257 💌	B8_7181 💌	B8_7137 💌	B8_7049 💌	B8_6172 💌	B8_5873 💌	B8_5412 💌	B8_5226 💌	B8_4879 💌	B8_4609 🔻	B8_4415 💌
2	aq_179	BPA250ng	2	.2	2.1	10.9	11.6	13.2	12.2	110.0	8.6	3.0	1.2	1.1	L 0.5	31.4
3	aq_157	BPA250ng	1	.9	1.9	25.3	25.2	26.5	24.5	83.9	12.2	1.1	. 3.4	0.5	5 7.8	28.6
4	aq_154	BPA250ng	5	.4	5.6	21.7	22.0	22.9	21.8	146.9	21.3	1.4	5.0	2.9	7.1	74.1
5	aq_138-3	BPA250ng	10	.5	11.2	30.0	30.2	30.8	29.7	144.6	35.3	2.9	4.1	2.3	6.8	59.9
6	aq_138-1	BPA250ng	1	.8	1.7	27.8	27.7	28.4	27.3	112.8	12.2	2.1	. 4.1	0.5	i 8.0	42.9
7	aq_172	BPA250ng	5	.8	6.1	30.4	30.4	30.3	30.7	172.2	11.8	2.1	. 6.7	4.8	9.6	82.9
8	aq_135	BPA250ng	13	.7	14.6	31.0	36.9	36.1	33.0	358.8	69.9	5.0	6.7	9.1	7 12.6	99.7
9	aq_141	BPA250ng	2	.1	1.9	37.6	38.5	38.5	37.1	186.6	18.7	2.6	5.6	1.1	8.3	49.6
10	aq_133	BPA250ng	4	.2	4.9	34.8	33.5	34.6	32.0	171.1	12.6	2.5	4.1	3.9	7.8	72.3
11	aq_173	BPA250ng	0	.9	1.3	32.0	34.3	34.7	33.3	181.7	53.9	2.1	. 4.6	6.0	5.1	28.8
12	aq_165	BPA250ng	7	.5	7.4	39.7	41.2	42.2	39.7	62.7	20.7	2.2	4.8	1.1	9.6	34.7
13	aq_138-2	BPA250ng	1	.9	2.1	37.0	38.0	39.1	36.2	180.4	34.8	3.7	5.2	7.(	7.6	48.5
14	aq_155	BPA250ng	4	.7	4.4	39.0	39.6	40.9	39.7	75.8	7.6	1.2	5.5	1.0	9.3	22.6
15	aq_162	BPA25ng	20	.6	22.5	23.3	24.8	25.4	24.4	340.9	108.1	4.0	2.8	1.1	10.3	99.3
16	aq_181	BPA25ng	17	.4	19.8	27.0	26.3	27.3	24.7	341.8	45.8	4.3	4.9	2.3	11.0	86.7
17	aq_164	BPA25ng	13	.1	14.1	23.3	27.7	28.4	26.4	190.1	6.9	1.5	5.9	1.1	6.3	76.8
18	aq_152	BPA25ng	1	.4	2.4	28.5	28.9	30.5	29.8	168.7	15.1	2.8	3.6	6.1	l 7.9	74.0
19	aq_136	BPA25ng	3	.4	4.5	32.7	33.3	34.2	33.4	116.9	28.6	2.2	5.1	1.3	9.4	43.5
20	aq_166	BPA25ng	1	.6	1.6	34.0	34.1	33.9	32.8	235.7	47.3	3.2	4.0	7.4	6.5	51.1
21	aq_137	BPA25ng	0	.6	0.9	32.6	34.3	34.4	32.4	183.3	43.5	2.4	2.9	3.6	5 7.6	31.4
22	aq_177	BPA25ng	1	.4	1.5	34.8	36.8	38.1	34.9	214.8	36.5	2.6	4.8	4.(	5.9	44.0
23	aq_163	BPA25ng	5	.7	6.6	40.4	41.7	42.4	39.7	114.6	6.4	1.7	6.6	1.8	3 11.1	52.4
24	aq_149	BPA25ng	3	.5	4.1	43.4	43.0	43.4	42.2	174.3	11.1	3.0	5.0	3.0	9.3	42.4
25																
26										SNR<4						
27										SNR>10						



INRA UMR 1332 BFP, Metabolomics Facility – 10 JS RFMS– May 2016

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Excel

<b>I</b> ≠		Normal	Bad	Good	*
Conditional	Format as	Neutral	Calculation	Check Cell	- -
Formatting 🕶	Table ▼				

	А	В		Ι			J	H	<		L		М		N		0		Р		Q		R		S		Т	U	
1	Sampleco 🔻	Dose.Leve -	B8_	8489	-	B8_83	31 💌	8_72	57 🔤	- B8	_7181	▼ B	8_7137	▼ E	88_7049	-	B8_6172	-	B8_5873	r B	8_5412	B8_	5226	-	B8_4879	-	B8_4609 💌	B8_441	5 🔻
2	aq_179	BPA250ng			2.2		2.1		10.	9	1	1.6	1	13.2	1	12.2	11	0.0	8.	6	3.	D		1.2		1.1	0.5		31.4
3	aq_157	BPA250ng			1.9		1.9	—									1	3.9	12.	2	1.	1		3.4		0.5	7.8		28.6
4	aq_154	BPA250ng			5.4		5.6								BPA BPA	A250ng		6.9	21.	3	1.	4		5.0		2.9	7.1		74.1
5	aq_138-3	BPA250ng		1	10.5		11.2											4.6	35.	3	2.	9		4.1		2.3	6.8		59.9
6	aq_138-1	BPA250ng	_		1.8		1.7											2.8	12.	2	2.	1		4.1		0.5	8.0		42.9
7	aq_172	BPA250ng			5.8		6.1	121110								1		2.2	11.	8	2.	1		6.7		4.8	9.6		82.9
8	aq_135	BPA250ng	_	1	13.7		14.6											8.8	69.	9	5.	D		6.7		9.7	12.6	i	99.7
9	aq_141	BPA250ng			2.1		1.9									1		6.6	18.	7	2.	6		5.6		1.1	8.3		49.6
10	aq_133	BPA250ng	-		4.2		4.9											1.1	12.	6	2.	5		4.1		3.9	7.8		72.3
11	aq_173	BPA250ng			0.9		1.3											1.7	53.	9	2.	1		4.6		6.0	5.1		28.8
12	aq_165	BPA250ng	-		7.5		7.4									i.		2.7	20.	7	2.	2		4.8		1.1	9.6	5	34.7
13	aq_138-2	BPA250ng			1.9		2.1				N		í.	$\backslash$	manna	ļ.		0.4	34.	8	3.	7		5.2		7.0	7.6	5	48.5
14	aq_155	BPA250ng	-		4.7		4.4				6			1				5.8	7.	6	1.	2		5.5		1.0	9.3		22.6
15	aq_162	BPA25ng	-	2	20.6		22.5							11				0.9	108.	1	4.	D		2.8		1.1	10.3	1	99.3
16	aq_181	BPA25ng	-	1	17.4		19.8						IA	M	*********			1.8	45.	8	4.	3		4.9		2.3	11.0		86.7
17	aq_164	BPA25ng	_	1	13.1		14.1						Ila	MI.				0.1	6.	9	1.	5		5.9		1.1	6.3		76.8
18	aq_152	BPA25ng			1.4		2.4						WAX	Ma	111110-1003	1		8.7	15.	1	2.	8		3.6		6.1	7.9		74.0
19	aq_136	BPA25ng			3.4		4.5		_	1	PA	CUC:	H m	A	horas	n		. <mark>6.9</mark>	28.	6	2.	2		5.1		1.3	9.4	L.	43.5
20	aq_166	BPA25ng			1.6		1.6		2	Y.	600		<b>Look</b>				Acato -	5.7	47.	3	3.	2		4.0		7.4	6.5		51.1
21	aq_137	BPA25ng			0.6		0.9	8.	86			8.1	84		8.	.82		3.3	43.	5	2.	4		2.9		3.6	7.6	; ;	31.4
22	aq_177	BPA25ng			1.4		1.5	200	54.	ŏ	3	0.8	9974) •	1.66		34.9	21	4.8	36.	5	2.	6		4.8		4.0	5.9		44.0
23	aq_163	BPA25ng	_		5.7		6.6		40.	4	4	1.7	4	42.4	3	39.7	11	4.6	6.	4	1.	7		6.6		1.8	11.1		52.4
24	aq_149	BPA25ng			3.5		4.1		43.	4	4	3.0	4	43.4	4	42.2	17	4.3	11.	1	3.	D		5.0		3.0	9.3		42.4
25			_																										
26																	SNR<4												
27																	SNR>1	0											



INRA UMR 1332 BFP, Metabolomics Facility – 10 JS RFMS– May 2016



Fxcel	≠		Normal	Bad	Good	*
LACCI	Conditional Formatting •	Format as Table ▼	Neutral	Calculation	Check Cell	Ŧ

	A	В	I	J	К	L	M	N	0	Р		Q	R	S	Т	U
1	Sampleco 🔻	Dose.Leve ₊↑	B8_8489 💌	B8_8331 💌	B8_7257 💌	B8_7181	. ▼ B8_7137 ▼	B8_7049	▼ B8_6172 ▼	B8_5873	-	B8_5412 💌	B8_5226 💌	88_4879 💌	B8_4609 💌	B8_4415 💌
2	aq_179	BPA250ng	2.2	2.1	. 10.9	-	11.6 10.0		12.2 110.0		8.6	3.0	1.2	1.1	0.5	31.4
3	aq_157	BPA250ng	1.9	1.9	25.3	* * * * * *			BPA250ng		2.2	1.1	. 3.4	0.5	7.8	28.6
4	aq_154	BPA250ng	5.4	5.6	21.7				DFAZDING		1.3	1.4	5.0	2.9	7.1	74.1
5	aq_138-3	BPA250ng	10.5	11.2	30.0						5.3	2.9	4.1	2.3	6.8	59.9
6	aq_138-1	BPA250ng	1.8	1.7	27.8					· · · · · · · · -	2.2	2.1	4.1	0.5	8.0	42.9
7	aq_172	BPA250ng	5.8	6.1	. 30.4						1.8	2.1	. 6.7	4.8	9.6	82.9
8	aq_135	BPA250ng	13.7	14.6	31.0						9.9	5.0	6.7	9.7	12.6	99.7
9	aq_141	BPA250ng	2.1	1.9	37.6						8.7	2.6	5.6	1.1	8.3	49.6
10	aq_133	BPA250ng	4.2	4.9	34.8	*****	567				2.6	2.5	4.1	3.9	7.8	72.3
11	aq_173	BPA250ng	0.9	1.3	32.0						3.9	2.1	4.6	6.0	5.1	28.8
12	aq_165	BPA250ng	7.5	7.4	39.7				Am		0.7	2.2	4.8	1.1	9.6	34.7
13	aq_138-2	BPA250ng	1.9	2.1	. 37.0				/VXX		4.8	3.7	5.2	7.0	7.6	48.5
14	aq_155	BPA250ng	4.7	4.4	39.0	333655		1120100	LAK AN		7.6	1.2	5.5	1.0	9.3	22.6
15	aq_162	BPA25ng	20.6	22.5	23.3		$ \Lambda  \Lambda $		INNOR		8.1	4.0	2.8	1.1	10.3	99.3
16	aq_181	BPA25ng	17.4	19.8	27.0	/	XX				5.8	4.3	4.9	2.3	11.0	86.7
17	aq_164	BPA25ng	13.1	14.1	. 23.3		121		- HALHWAR	<u>A</u> V	6.9	1.5	5.9	1.1	6.3	76.8
18	aq_152	BPA25ng	1.4	2.4	28.5	NA	W. Mb	ALA	YALLAN M	AMA	5.1	2.8	3.6	6.1	7.9	74.0
19	aq_136	BPA25ng	3.4	4.5	32.7	Ŵ	MACON VILL	VAD	SPH-V	THE REAL	8.6	2.2	5.1	1.3	9.4	43.5
20	aq_166	BPA25ng	1.6	1.6	34.0	KAL A		<b>EXIA</b> SA		H	7.3	3.2	4.0	7.4	6.5	51.1
21	aq_137	BPA25ng	0.6	0.9	32.6	Sec.	A WARK Y	PAND	199 Y	Y	3.5	2.4	2.9	3.6	7.6	31.4
22	aq_177	BPA25ng	1.4	1.5	34.8	17VV		MAA	NAL	V	6.5	2.6	4.8	4.0	5.9	44.0
23	aq_163	BPA25ng	5.7	6.6	40.4		v vo	yv w	JV .		6.4	1.7	6.6	1.8	11.1	52.4
24	aq_149	BPA25ng	3.5	4.1	. 43.4		8.54		8.52	<i>[0</i> ;	1.1	3.0	5.0	3.0	9.3	42.4
25							\$2.4027(2045		12582620							
26									SNR<4							
27									SNR>10							



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