

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097904.D
 Acq On : 21 Aug 2017 14:07
 Operator : SJ/JU
 Sample : I4873-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Quant Time: Aug 22 01:59:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

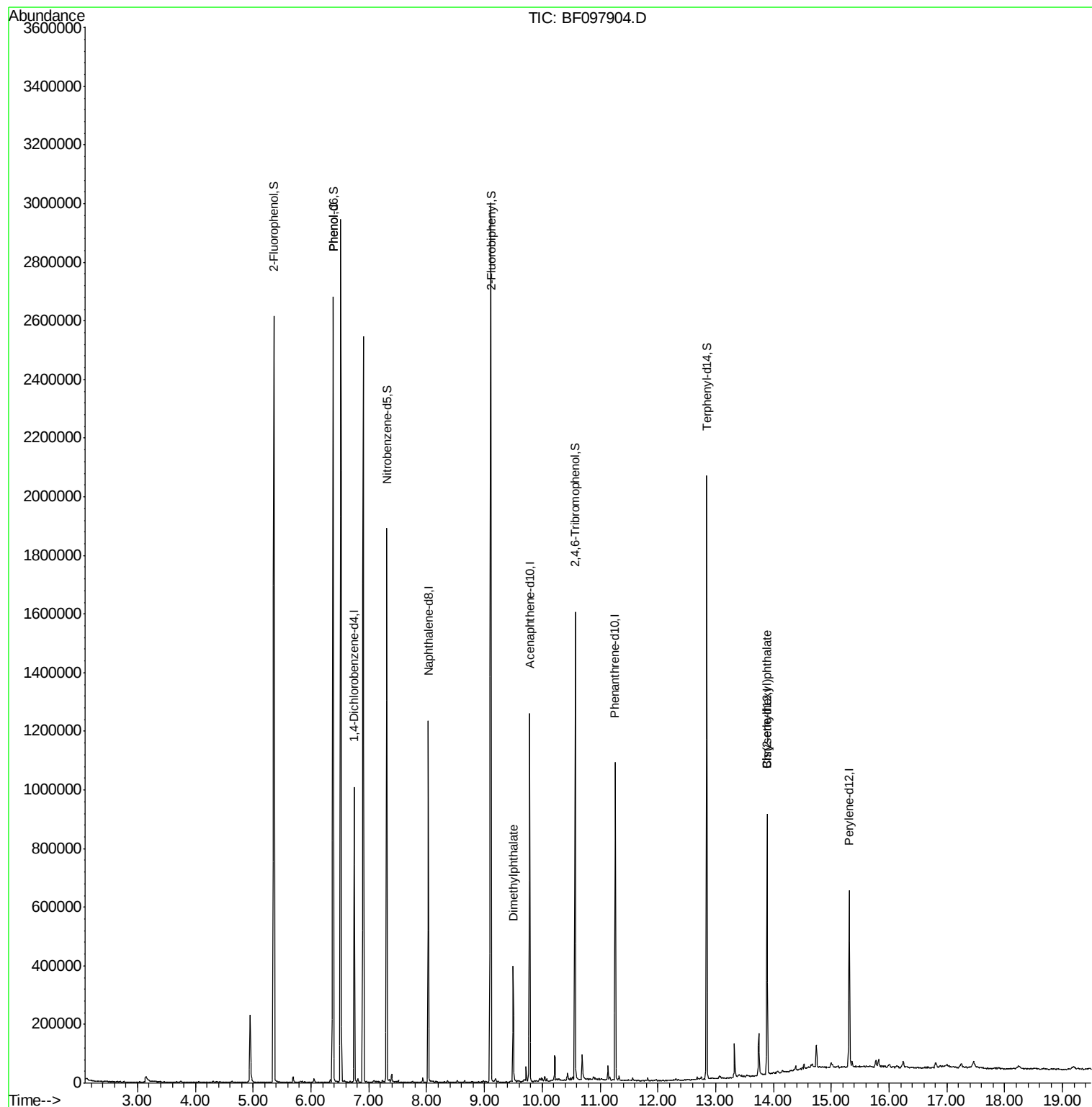
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	128102	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	509259	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	218142	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	359148	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262622	20.00	ng	0.00
86) Perylene-d12	15.31	264	253554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	821483	97.54	ng	0.01
7) Phenol-d6	6.39	99	1095787	95.76	ng	0.00
23) Nitrobenzene-d5	7.31	82	678216	72.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	172576	91.18	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	975078	65.67	ng	0.00
78) Terphenyl-d14	12.85	244	622478	49.43	ng	0.00
Target Compounds						
10) Phenol	6.39	94	33821	2.527	ng	96
49) Dimethylphthalate	9.50	163	122946	7.710	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	37037	4.059	ng	# 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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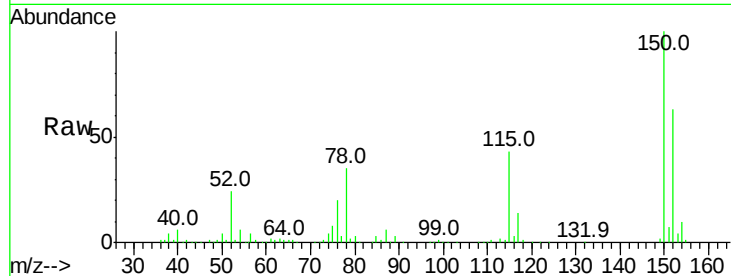


#1

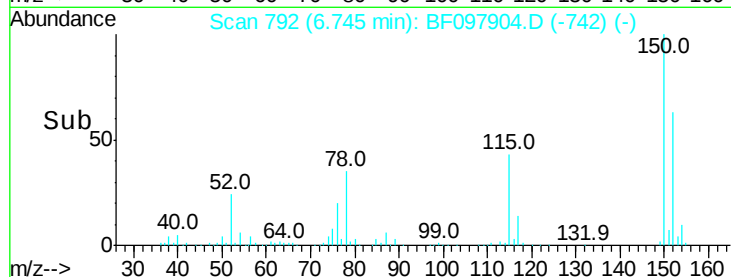
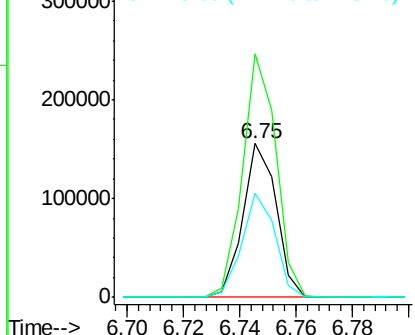
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Tot Ion:152 Resp: 128102
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 67.8 52.2 78.2



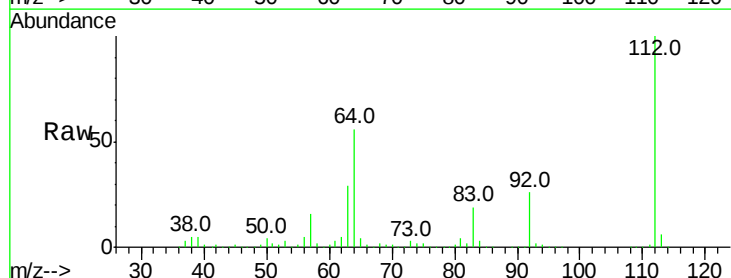
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



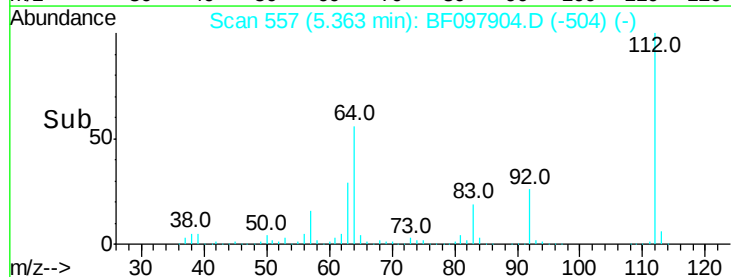
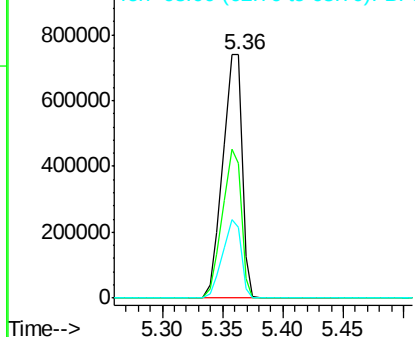
#5

2-Fluorophenol
 Concen: 97.542 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion:112 Resp: 821483
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.762 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

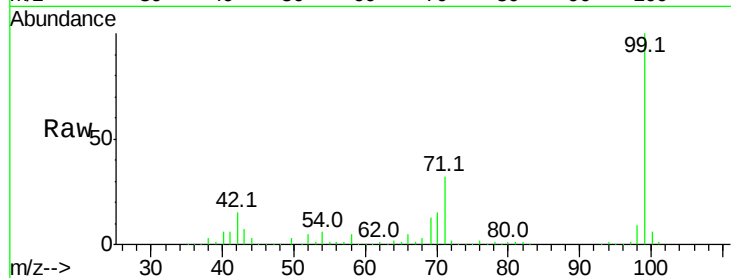
BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

Tot Ion: 99 Resp: 1095787

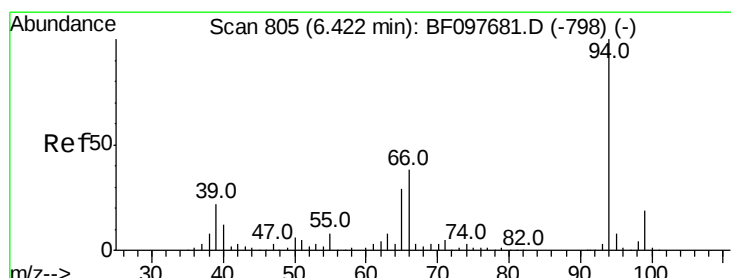
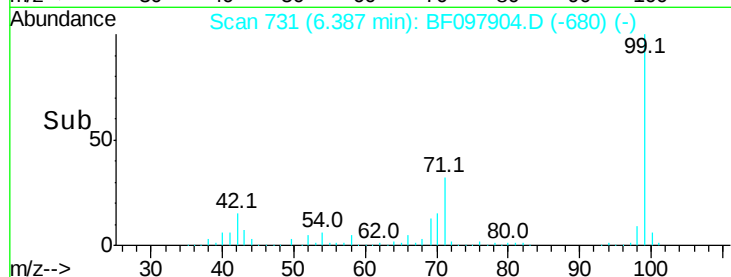
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.527 ng

RT: 6.39 min Scan# 732

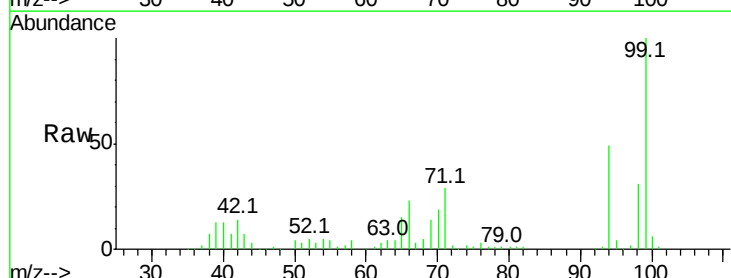
Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Tgt Ion: 94 Resp: 33821

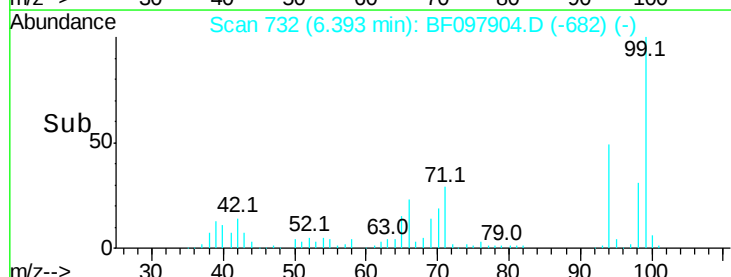
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	47.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

Tot Ion:136 Resp: 509259

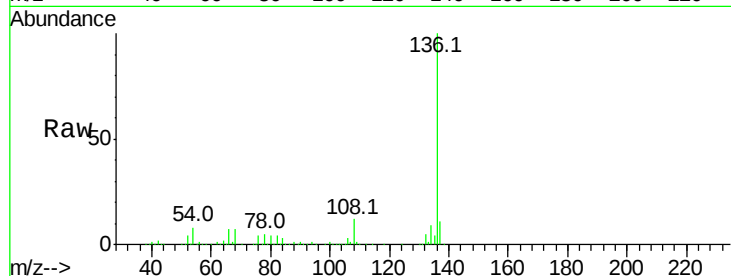
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.0 4.9 7.3#

68 7.3 4.1 6.1#

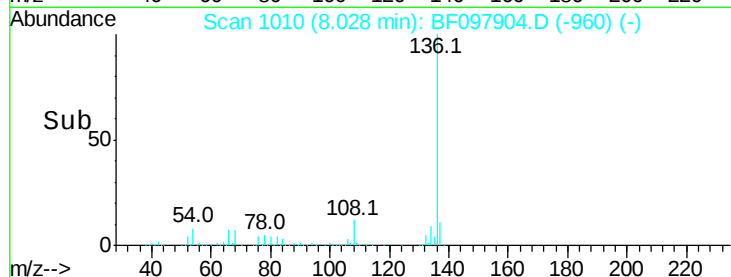


Abundance Ion 136.00 (135.70 to 136.70): E

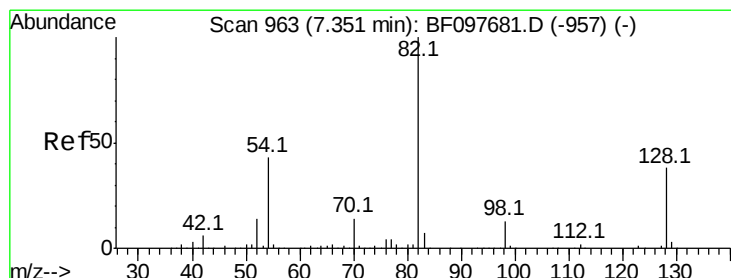
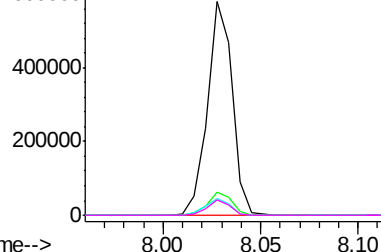
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 72.348 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

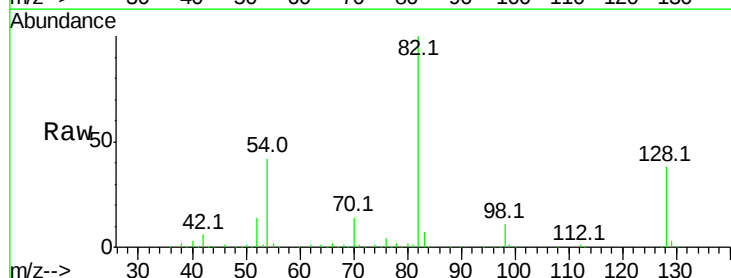
Tgt Ion: 82 Resp: 678216

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

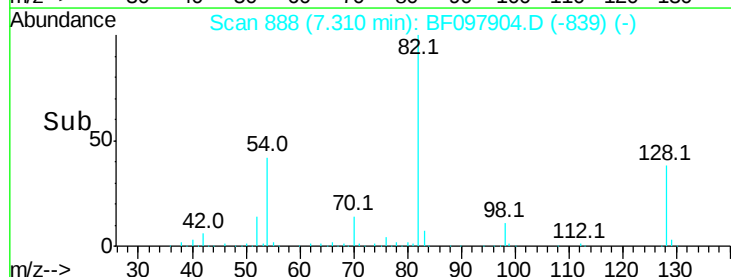
54 41.7 42.2 63.2#



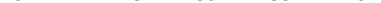
Abundance Ion 82.00 (81.70 to 82.70): BF0

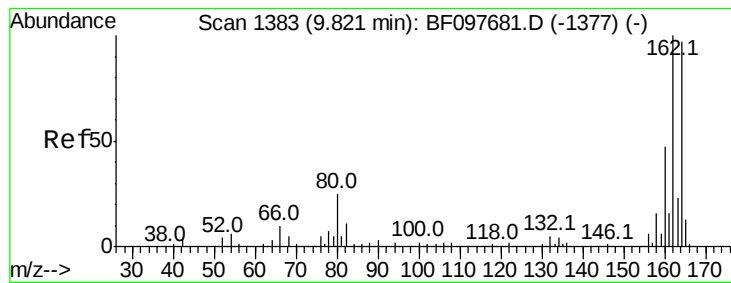
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

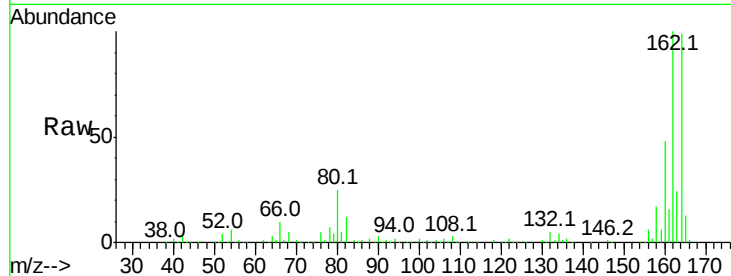
Tot Ion:164 Resp: 218142

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

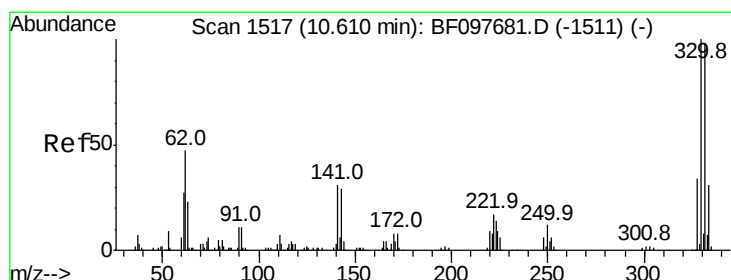
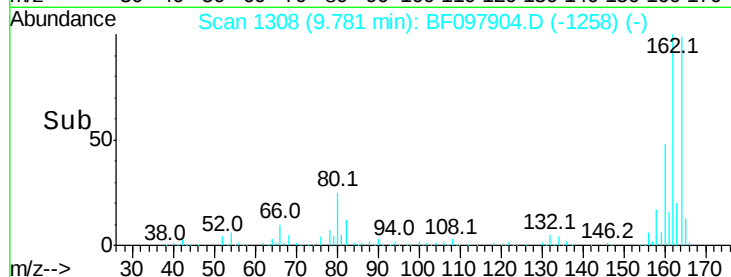
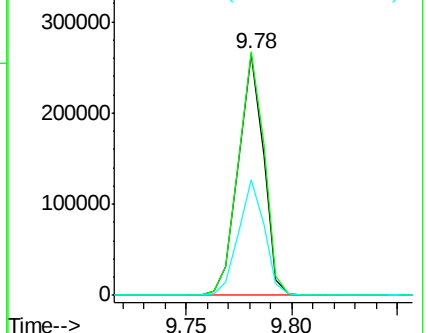
160 48.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 91.178 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

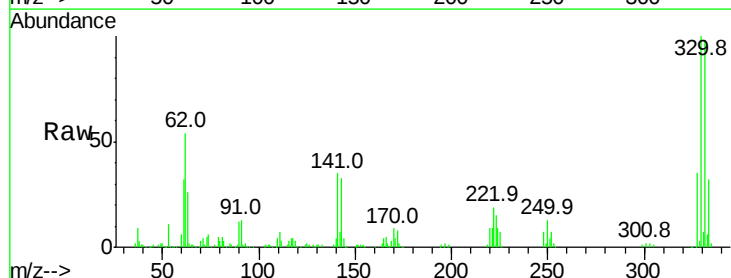
Tgt Ion:330 Resp: 172576

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

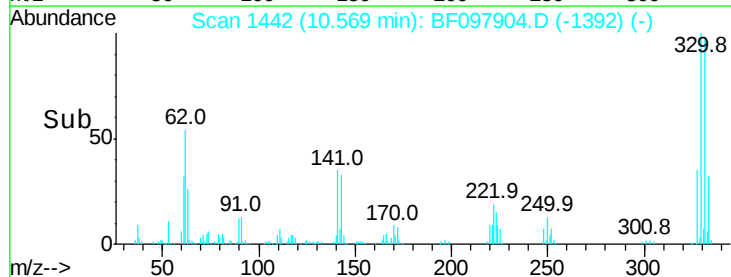
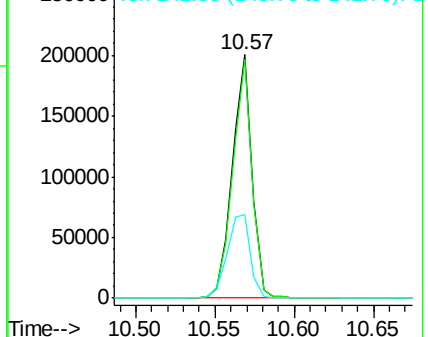
141 40.2 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



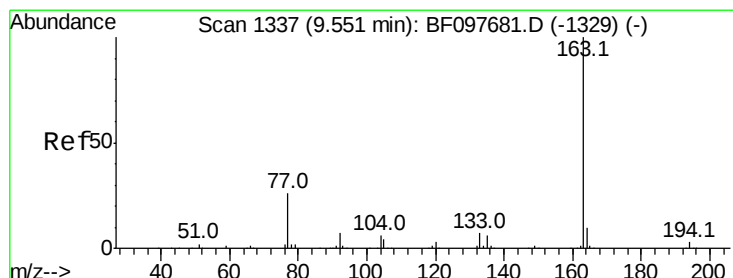
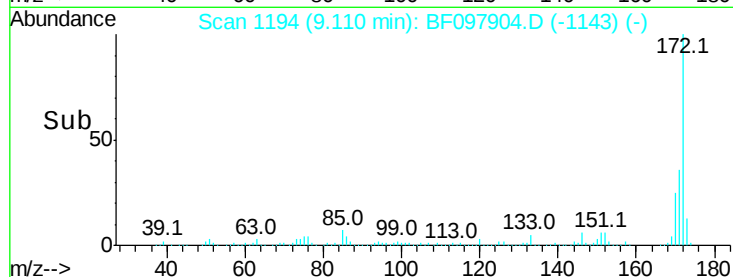
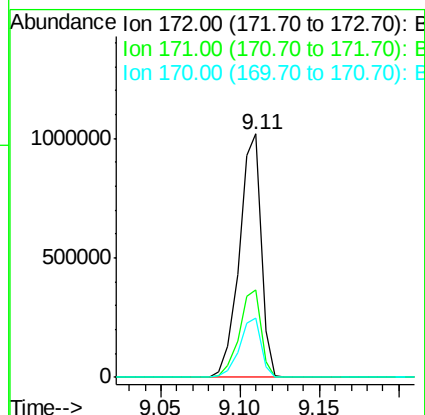
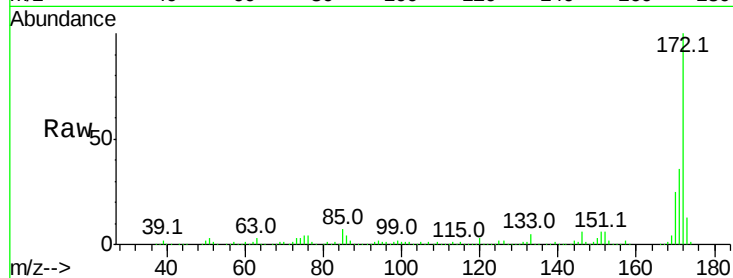


#44
 2-Fluorobiphenyl
 Concen: 65.672 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Tot Ion:172 Resp: 975078

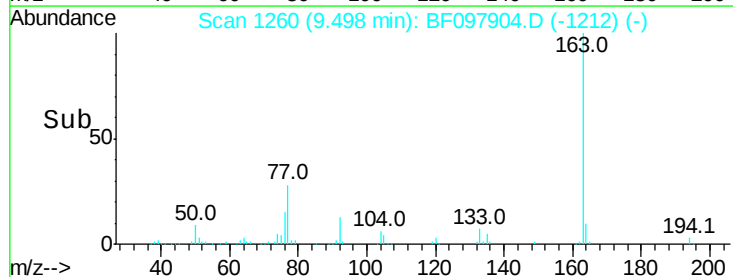
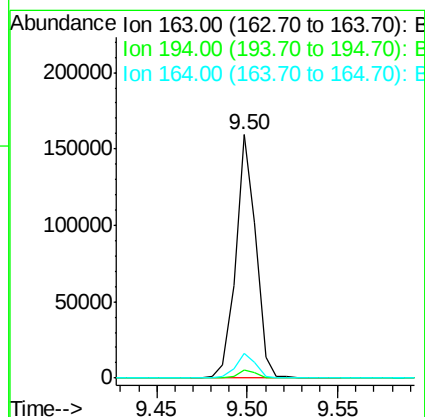
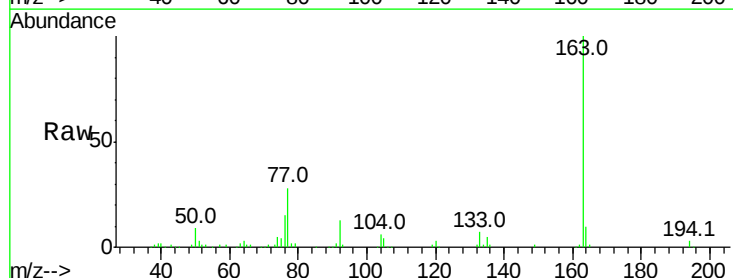
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	19.8	29.8

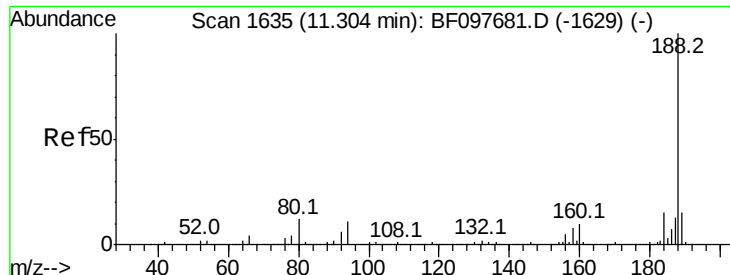


#49
 Dimethylphthalate
 Concen: 7.710 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion:163 Resp: 122946

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6

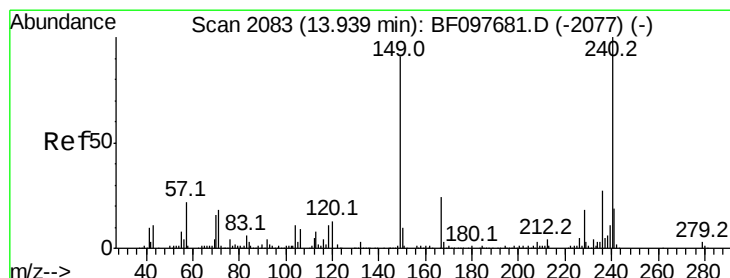
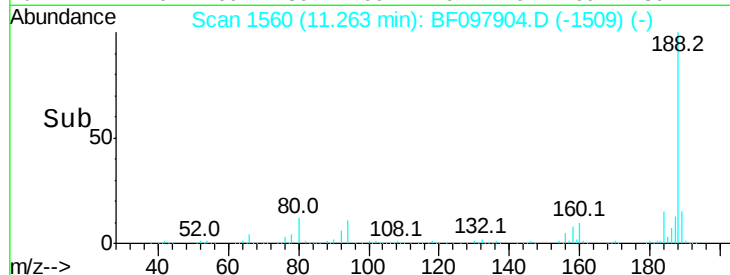
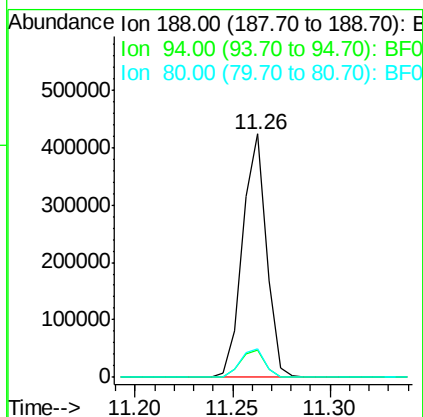
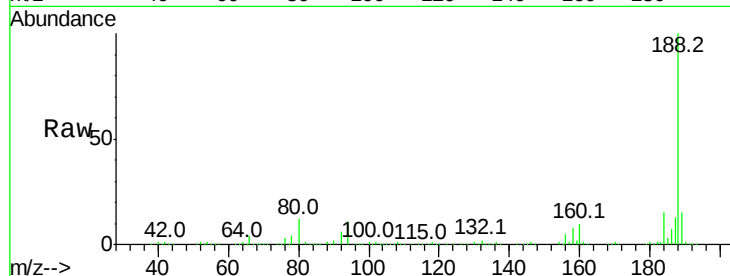




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

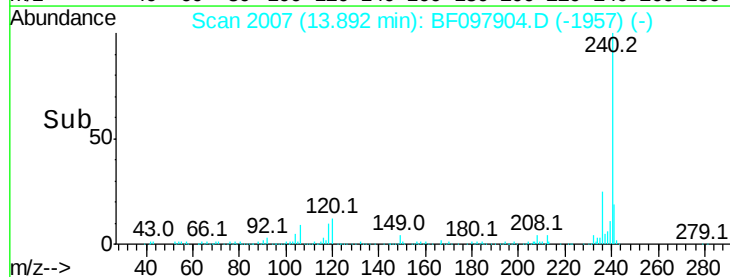
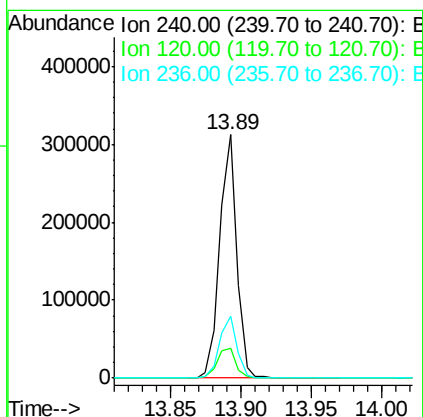
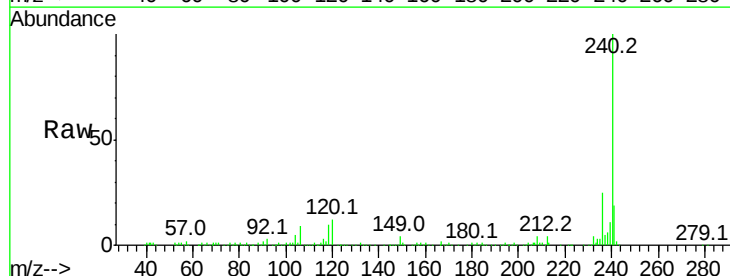
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-3-10-COMP

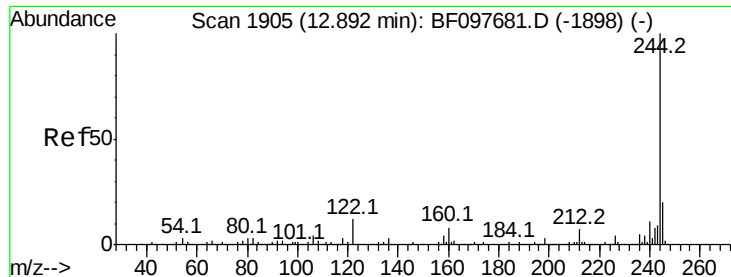
Tot Ion:188 Resp: 359148
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Tgt Ion:240 Resp: 262622
Ion Ratio Lower Upper
240 100
120 12.1 5.8 8.8#
236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 49.428 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

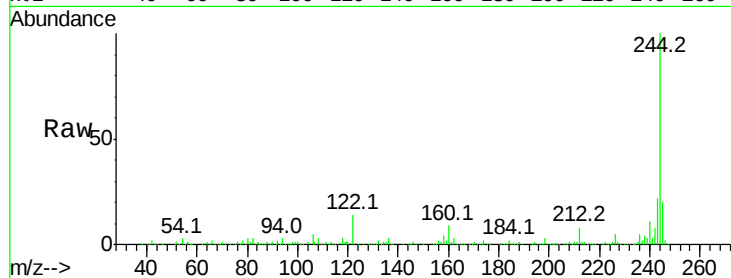
Tot Ion:244 Resp: 622478

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

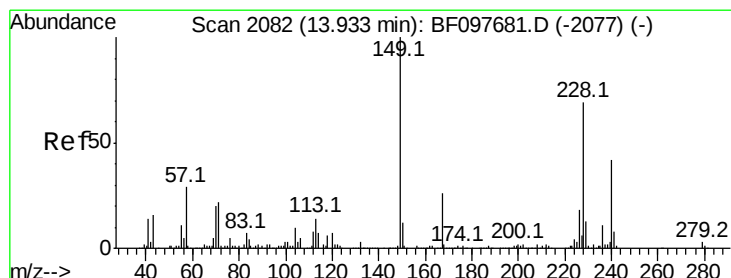
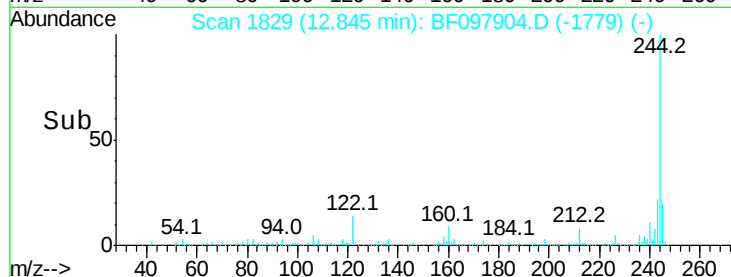
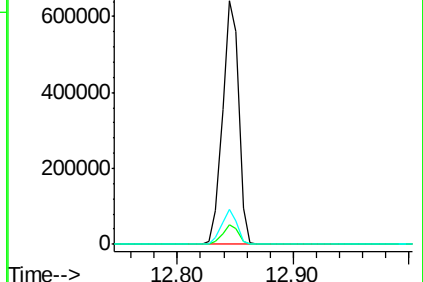
122 14.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.059 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

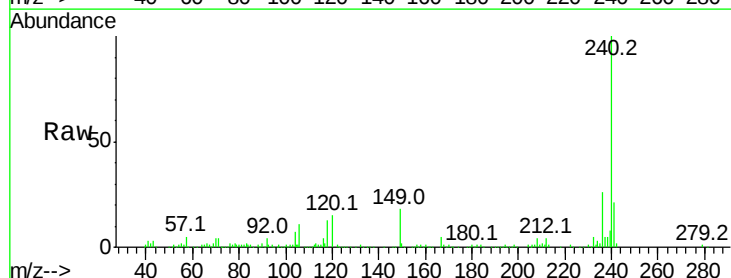
Tgt Ion:149 Resp: 37037

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

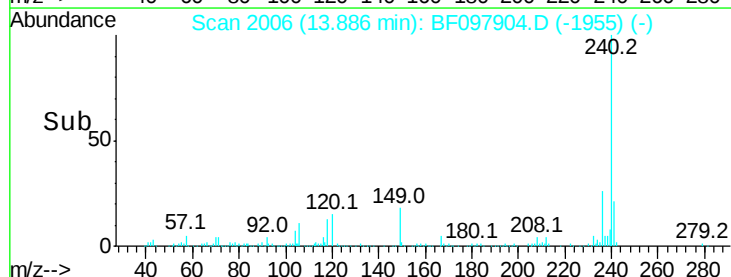
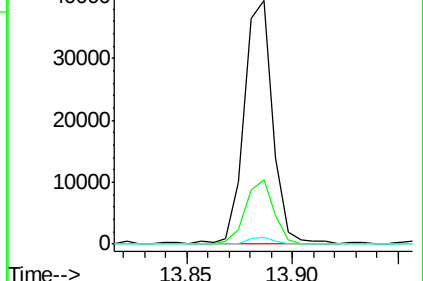
279 3.0 1.9 2.9#

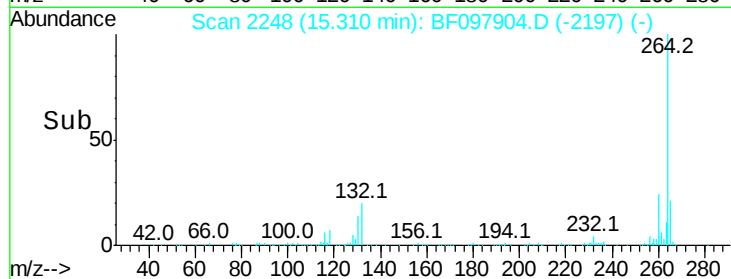
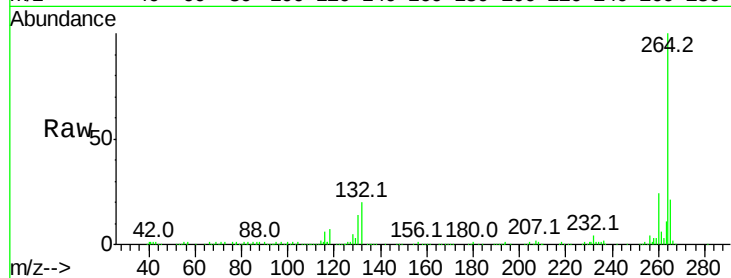
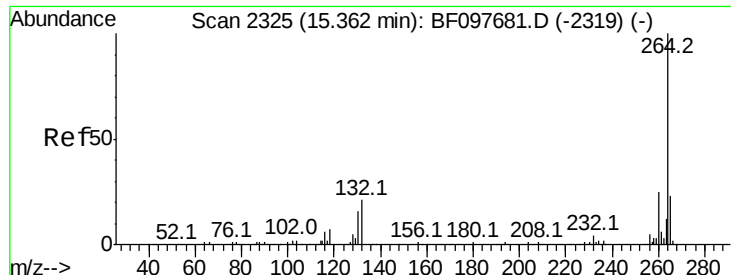


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

Tot Ion:264 Resp: 253554

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.0 17.2 25.8

