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 Data File : BG028630.D
 Acq On : 10 Sep 2017 00:52
 Operator : SJ/JU
 Sample : I5167-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

Quant Time: Sep 11 07:17:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

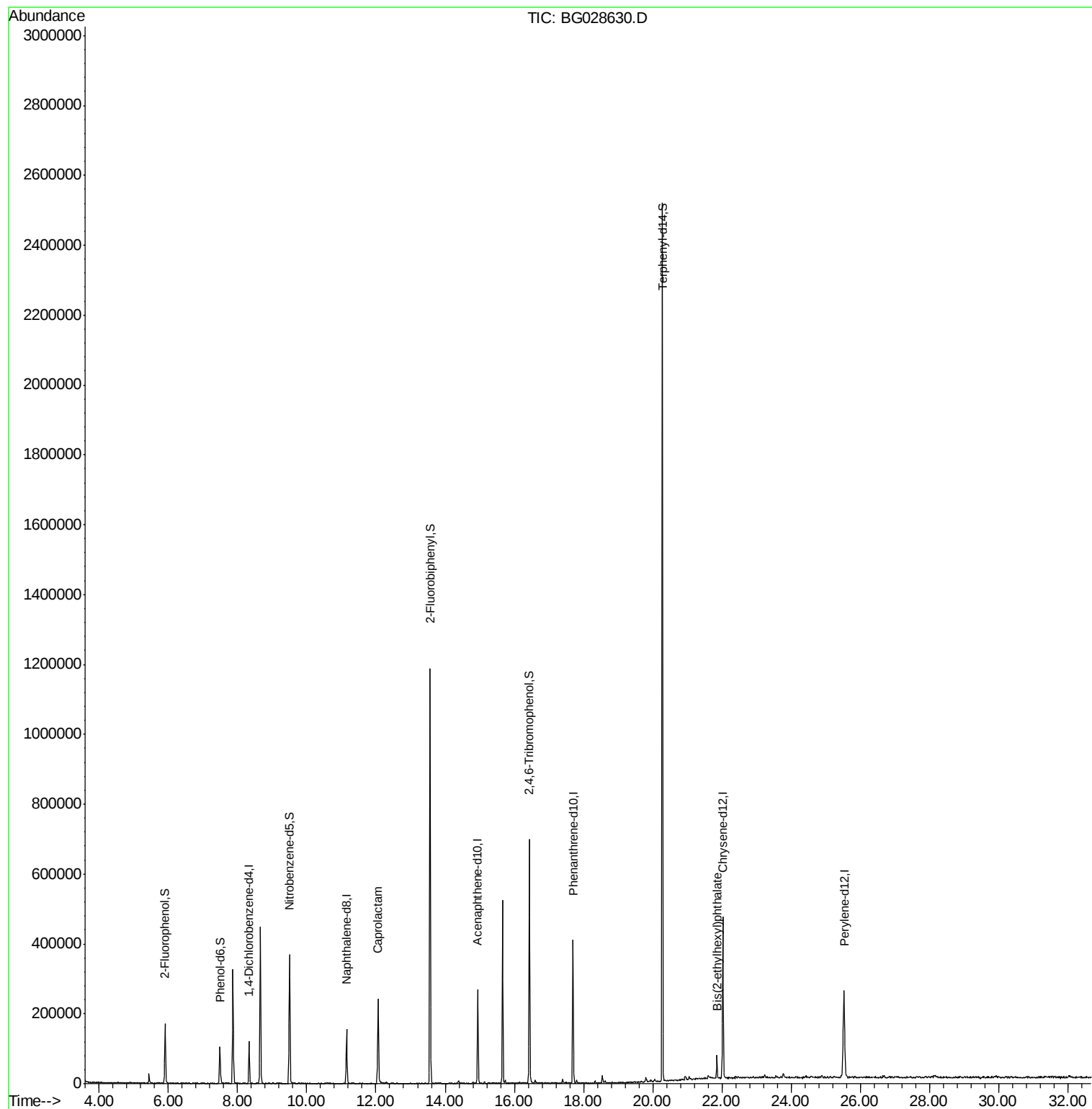
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	31552	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	131508	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	95420	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	259825	20.00	ng	0.00
75) Chrysene-d12	22.03	240	311569	20.00	ng	-0.01
86) Perylene-d12	25.53	264	300882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	75111	40.08	ng	-0.01
7) Phenol-d6	7.49	99	61606	22.67	ng	0.00
23) Nitrobenzene-d5	9.51	82	242346	84.62	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	148978	102.72	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	632089	86.66	ng	0.00
78) Terphenyl-d14	20.28	244	1156202	79.95	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	45415	53.927	ng	Qvalue 91
83) Bis(2-ethylhexyl)phthalate	21.86	149	29726	2.886	ng	# 88

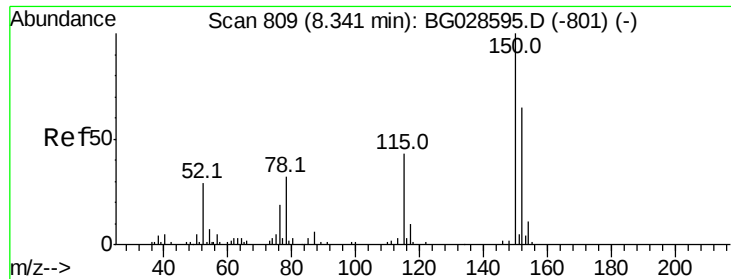
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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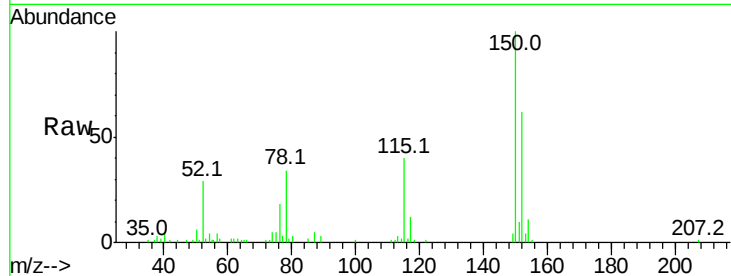


#1

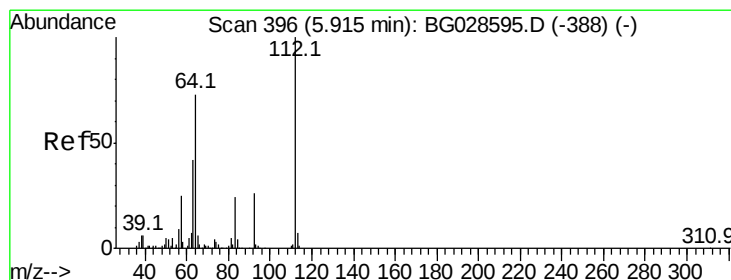
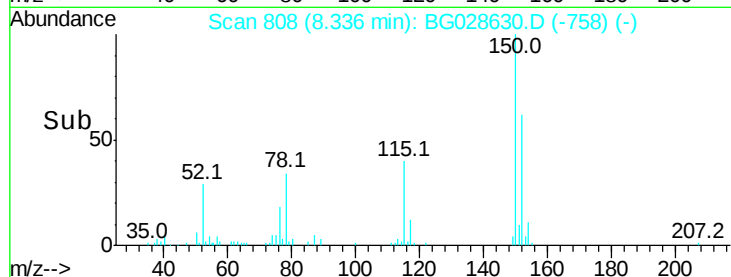
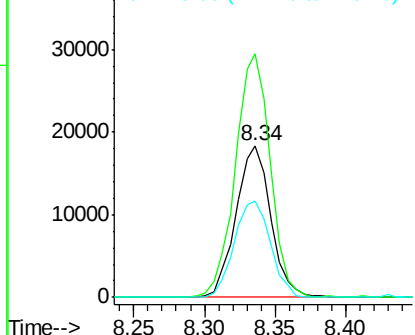
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Instrument :
BNA_G
ClientSampleId :
CPS043061

Tot Ion:152 Resp: 31552
Ion Ratio Lower Upper
152 100
150 160.5 114.0 171.0
115 63.7 48.1 72.1



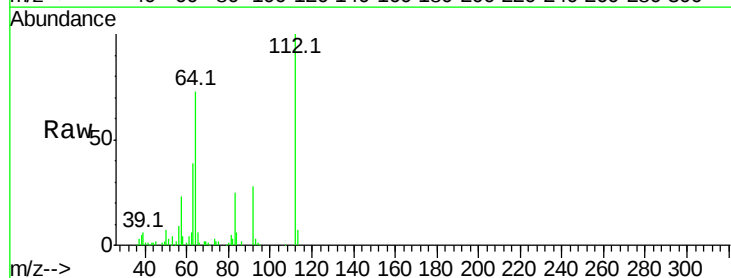
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



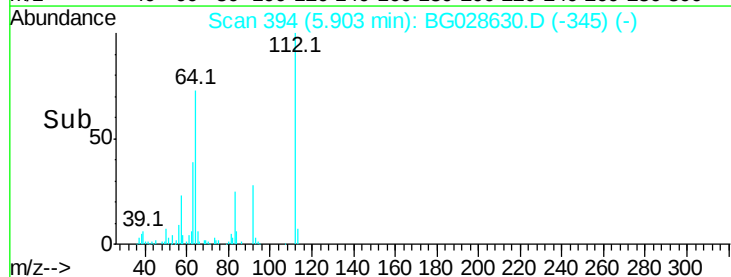
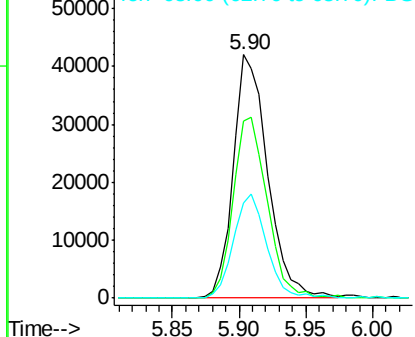
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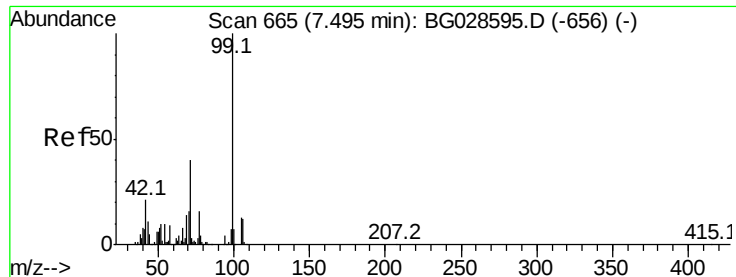
2-Fluorophenol
Concen: 40.082 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:112 Resp: 75111
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 38.8 37.2 55.8



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





#7

Phenol-d6

Concen: 22.665 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

CPS043061

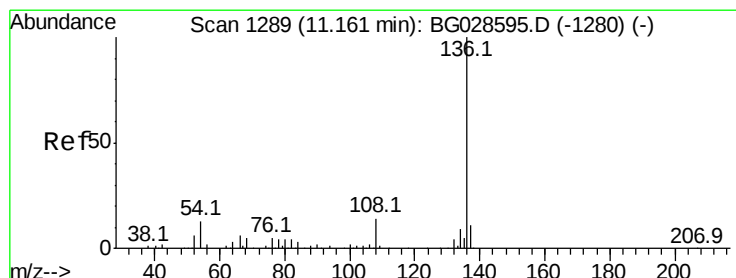
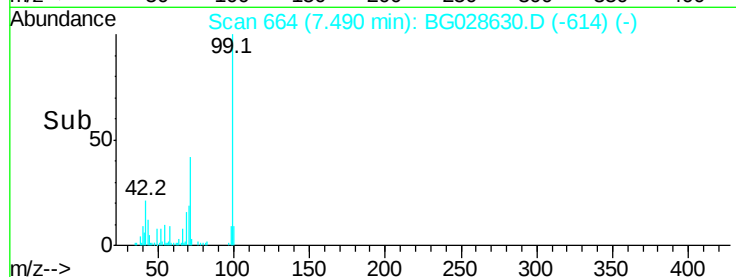
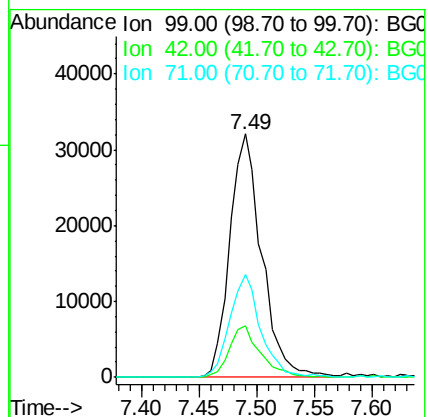
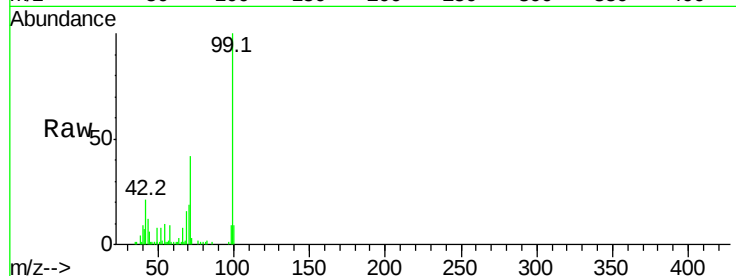
Tot Ion: 99 Resp: 61606

Ion Ratio Lower Upper

99 100

42 21.1 20.5 30.7

71 42.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Tgt Ion: 136 Resp: 131508

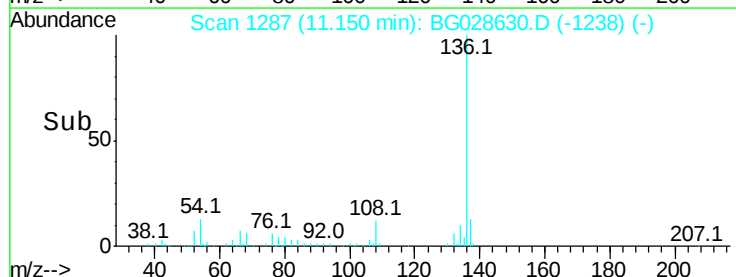
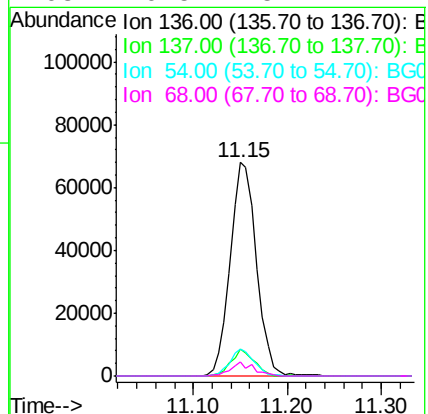
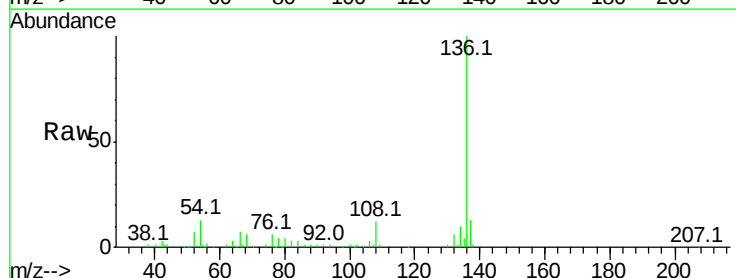
Ion Ratio Lower Upper

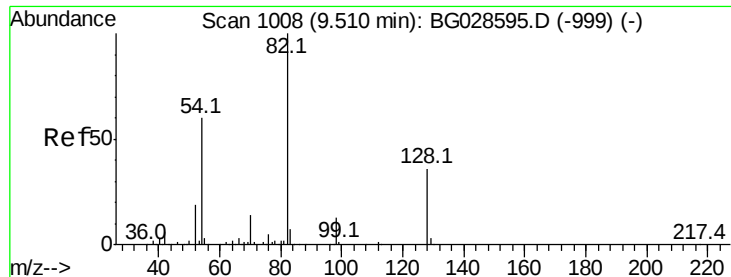
136 100

137 12.7 8.9 13.3

54 12.7 9.3 13.9

68 6.5 5.1 7.7

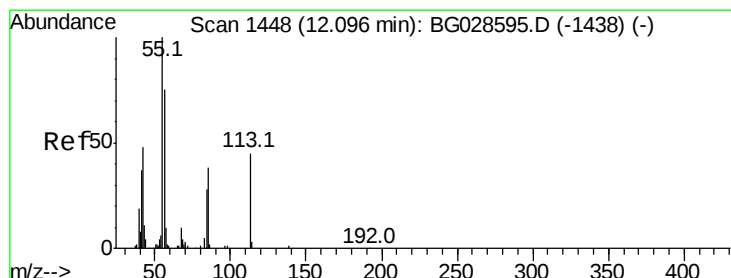
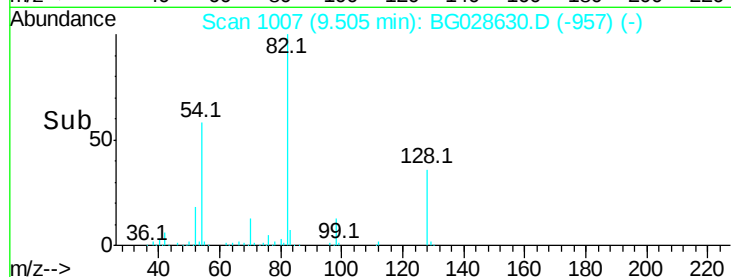
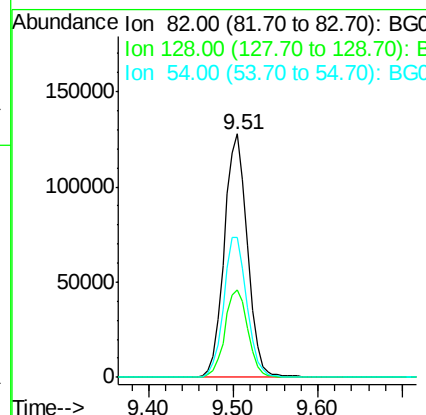
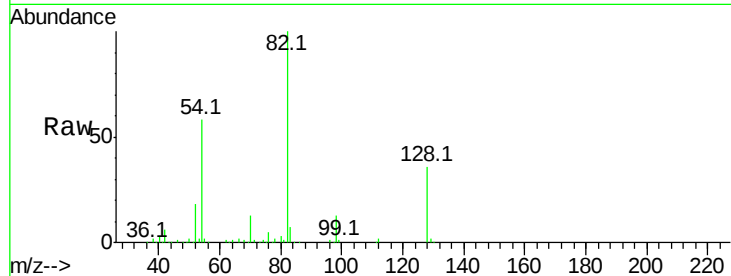




#23
 Nitrobenzene-d5
 Concen: 84.618 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

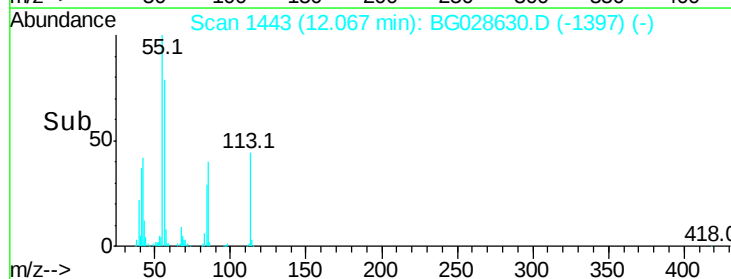
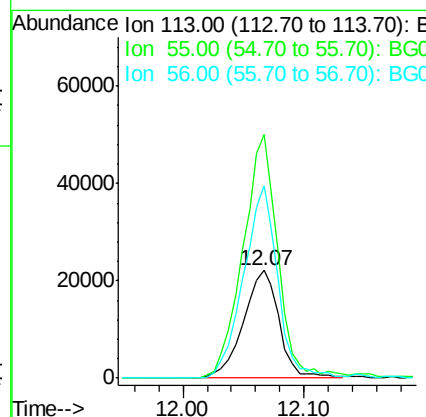
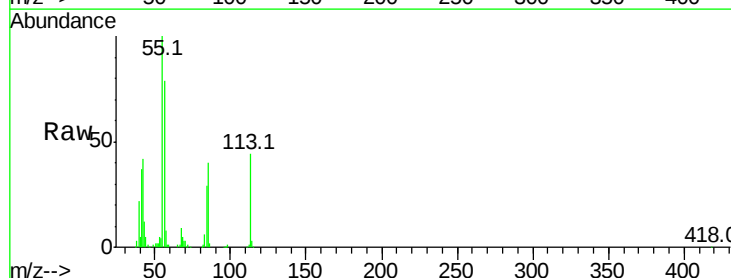
Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

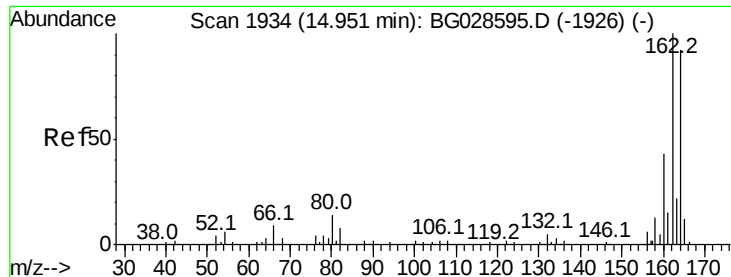
Tot Ion: 82 Resp: 242346
 Ion Ratio Lower Upper
 82 100
 128 36.1 26.4 39.6
 54 57.6 49.4 74.2



#35
 Caprolactam
 Concen: 53.927 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion: 113 Resp: 45415
 Ion Ratio Lower Upper
 113 100
 55 226.3 198.6 238.6
 56 179.2 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

CPS043061

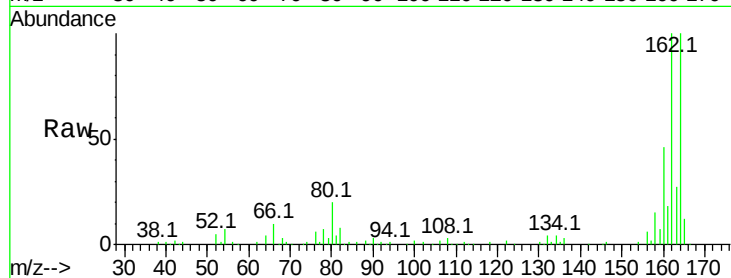
Tot Ion:164 Resp: 95420

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

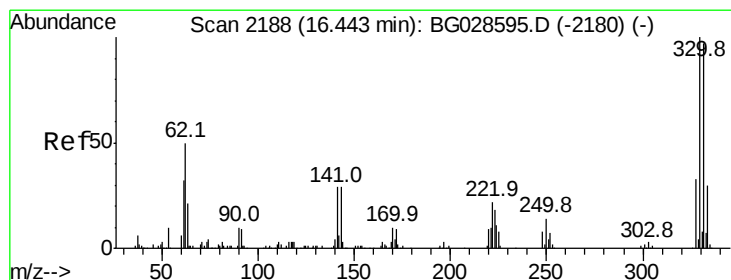
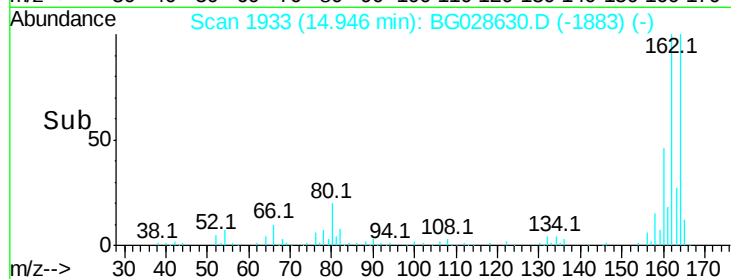
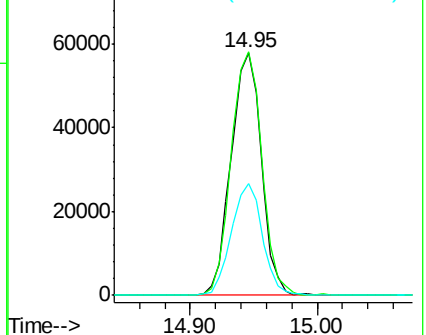
160 46.0 34.7 52.1



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: 102.723 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

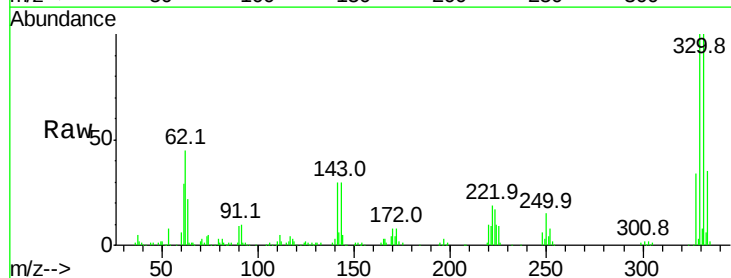
Tgt Ion:330 Resp: 148978

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

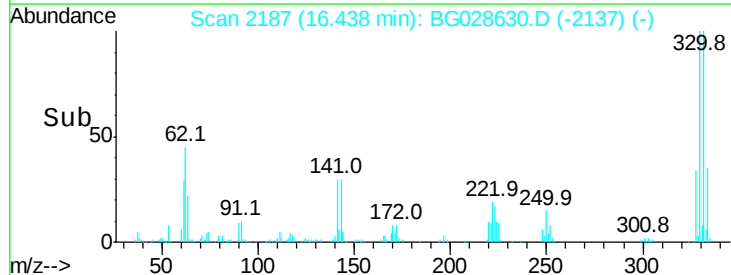
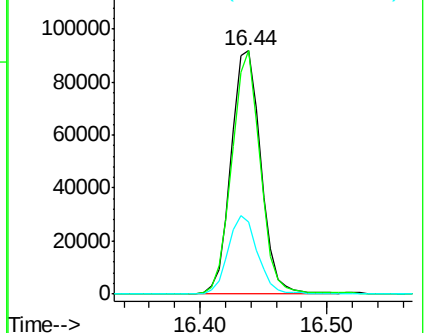
141 32.3 32.1 48.1

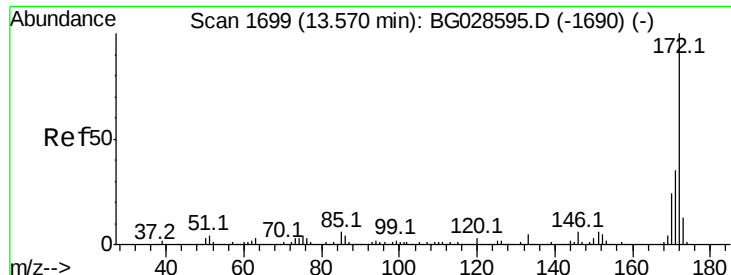


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

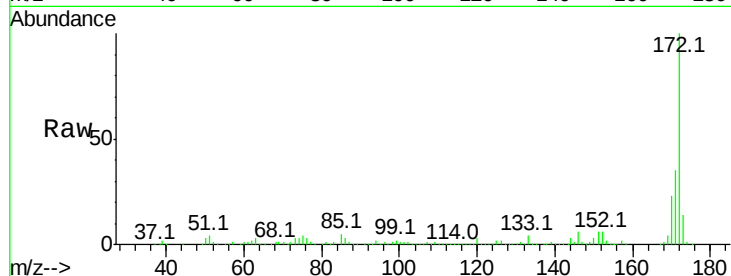




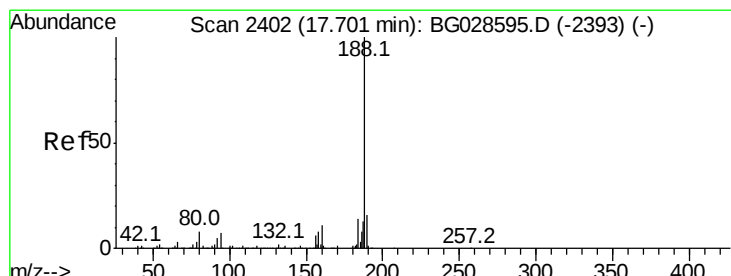
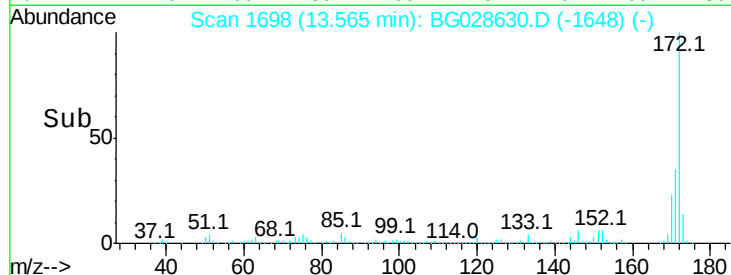
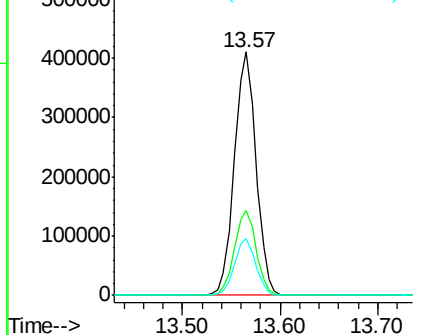
#44
 2-Fluorobiphenyl
 Concen: 86.661 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Instrument :
 BNA_G
 ClientSampled :
 CPS043061

Tot Ion:172 Resp: 632089
 Ion Ratio Lower Upper
 172 100
 171 35.0 32.2 48.2
 170 23.5 21.8 32.6

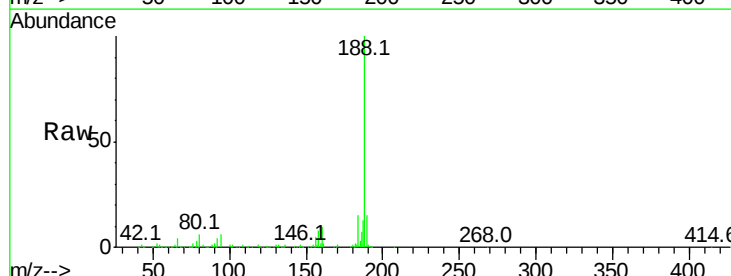


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

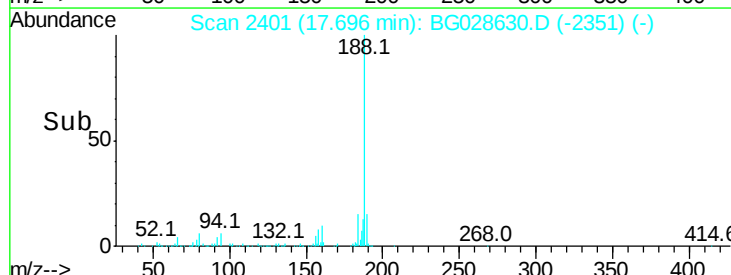
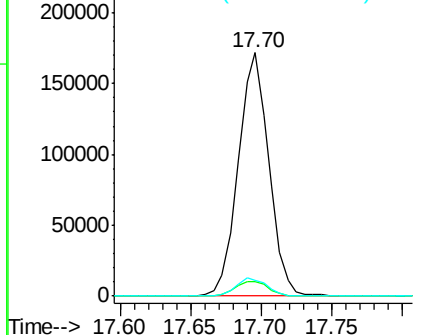


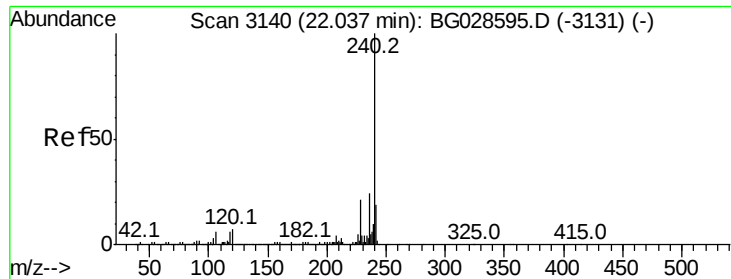
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion:188 Resp: 259825
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.8 8.8
 80 6.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

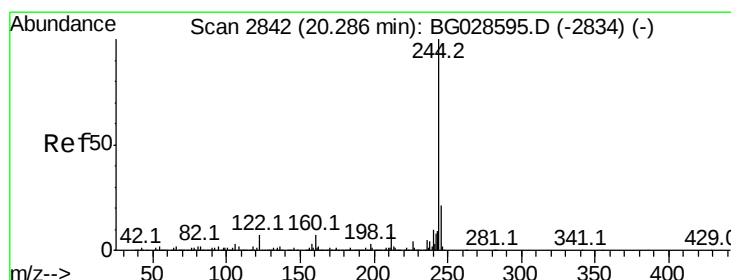
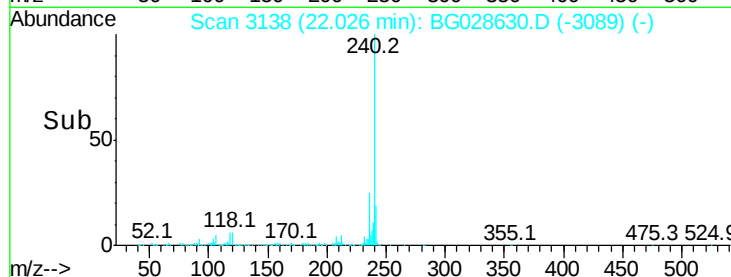
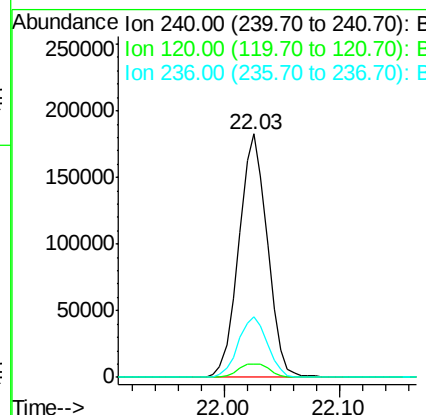
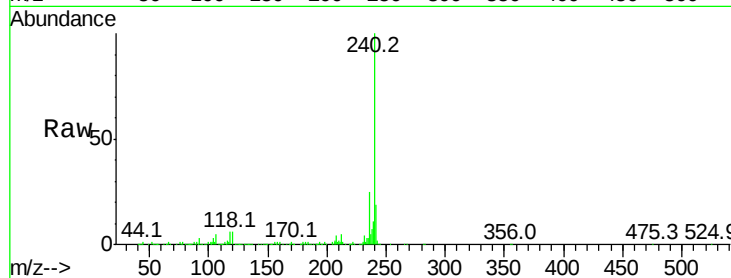




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.03 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

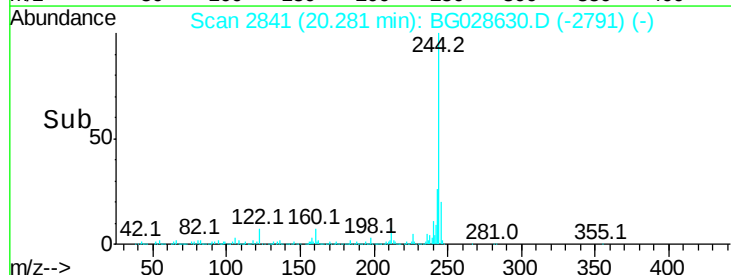
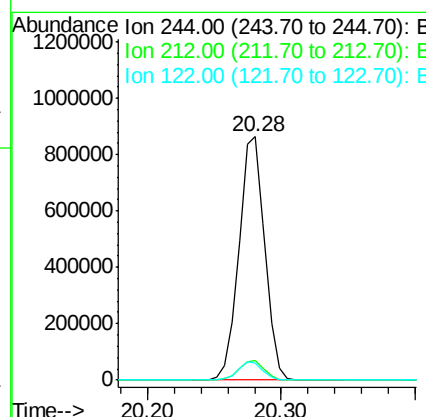
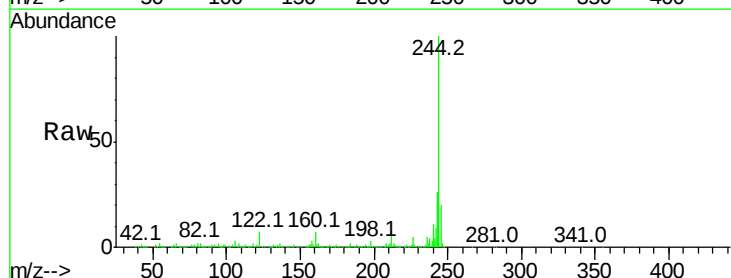
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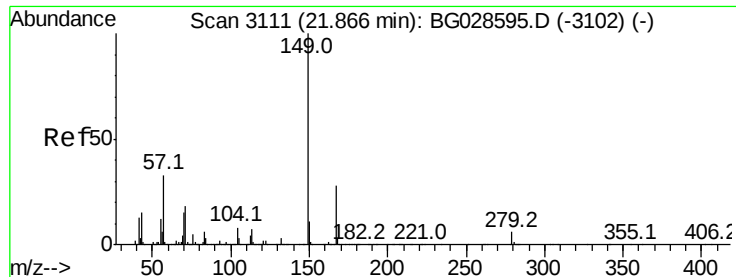
Tot Ion:240 Resp: 311569
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.7 8.5#
 236 24.7 22.2 33.4



#78
 Terphenyl-d14
 Concen: 79.952 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion:244 Resp: 1156202
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.0 15.0#
 122 7.1 8.6 12.8#

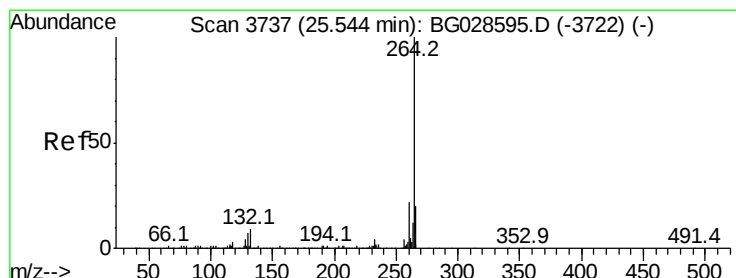
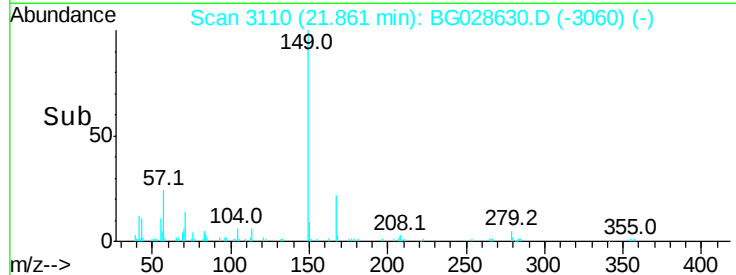
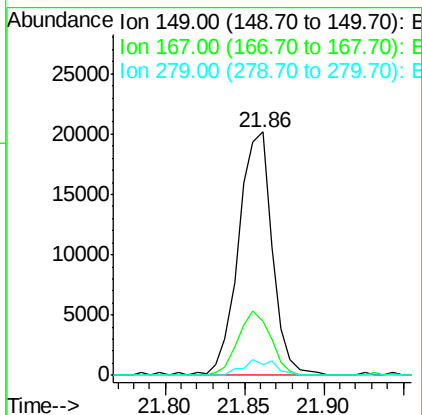
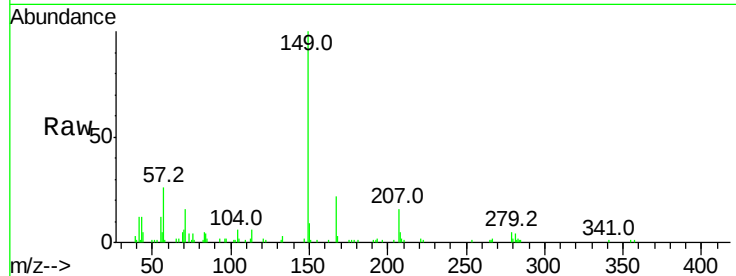




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.886 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.1	23.7	35.5#
279	4.6	4.6	6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	23.0	18.2	27.4

