

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020096.D
 Acq On : 11 Dec 2015 5:25
 Operator : UM/SJ
 Sample : G4729-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-49

Quant Time: Dec 11 06:36:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

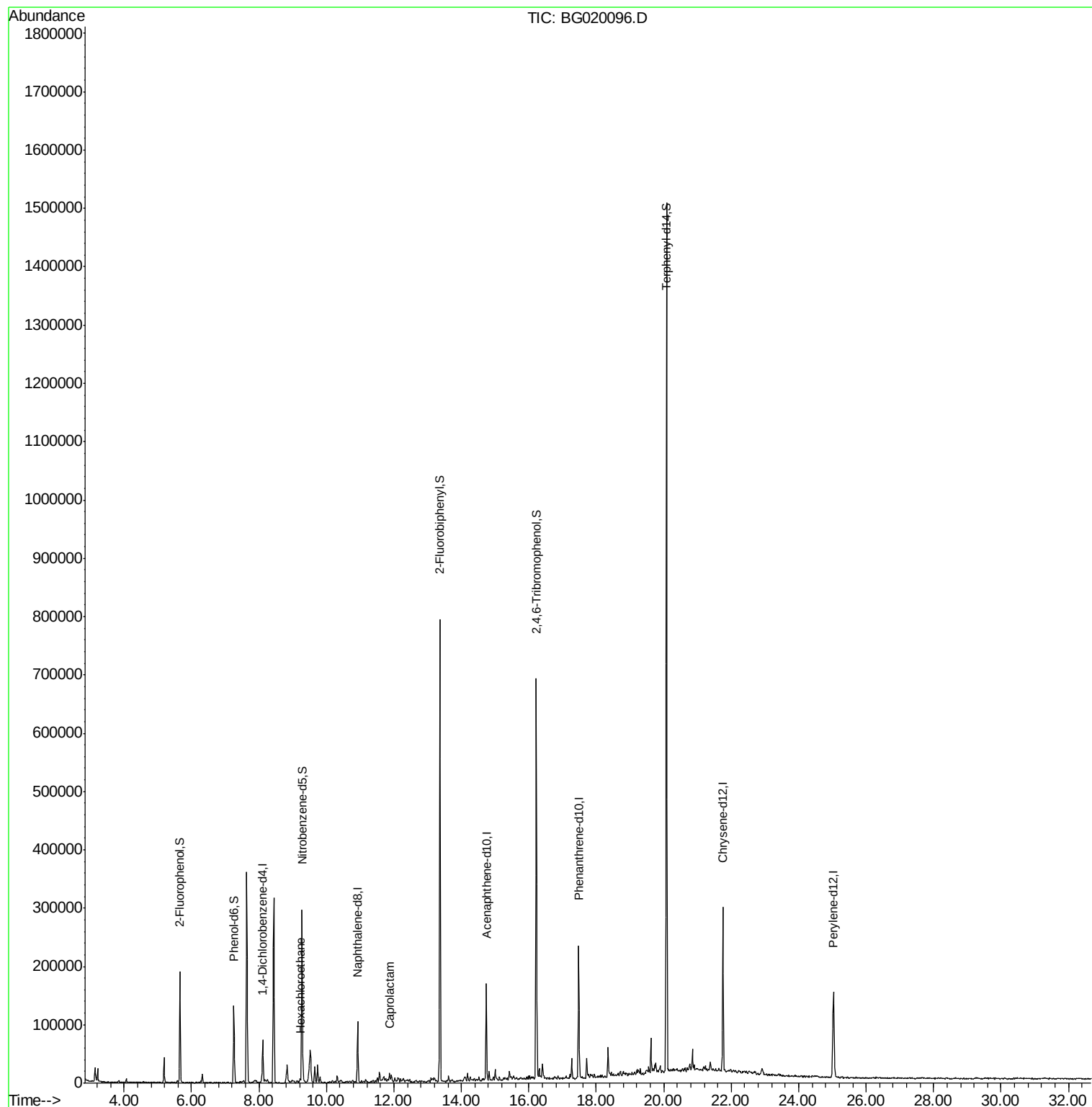
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20191	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86503	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57964	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140705	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	171007	20.00	ng	-0.04
86) Perylene-d12	25.03	264	161521	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	83043	74.33	ng	-0.01
7) Phenol-d6	7.26	99	75734	44.90	ng	-0.02
23) Nitrobenzene-d5	9.28	82	177292	104.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	128737	145.15	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	416557	98.12	ng	-0.02
78) Terphenyl-d14	20.08	244	656093	93.58	ng	-0.03
Target Compounds						
18) Hexachloroethane	9.22	117	1760	2.95	ng	# 38
35) Caprolactam	11.87	113	1202	2.14	ng	# 21

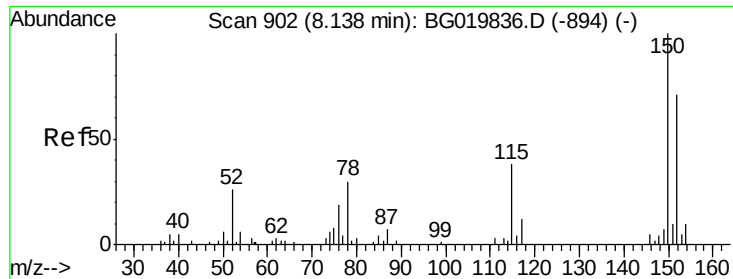
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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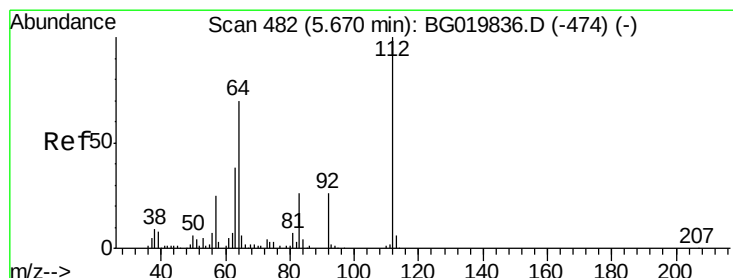
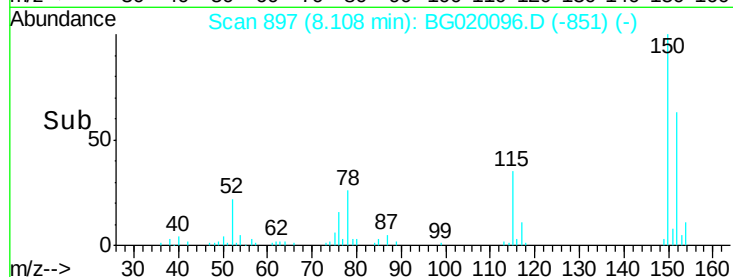
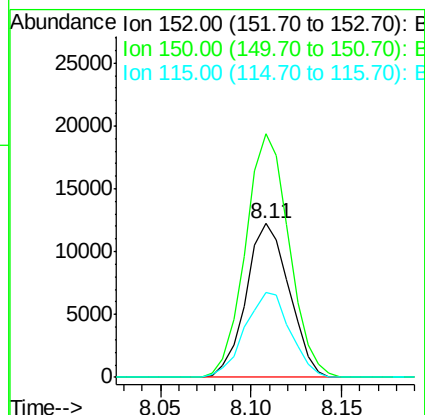
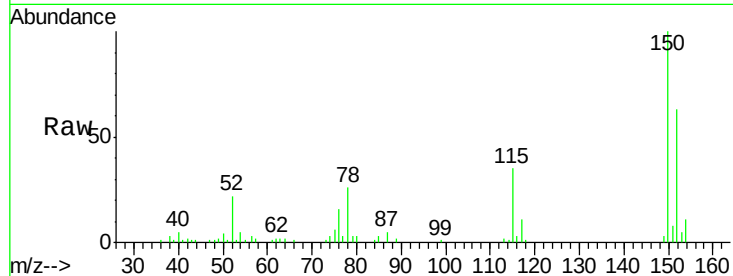


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

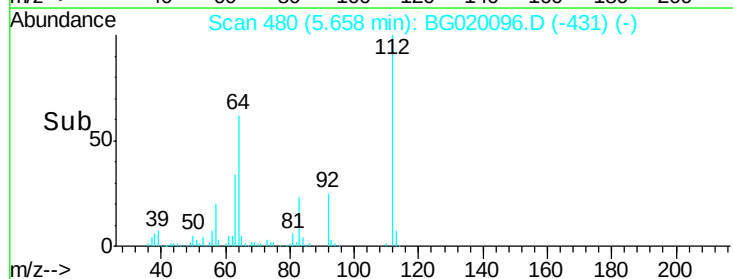
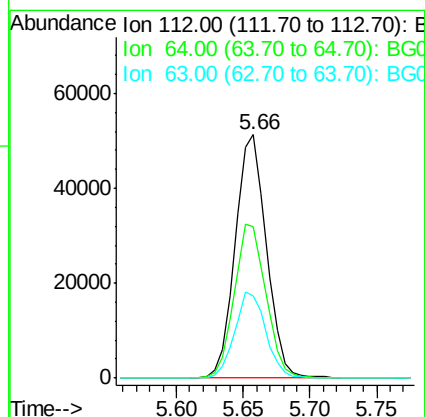
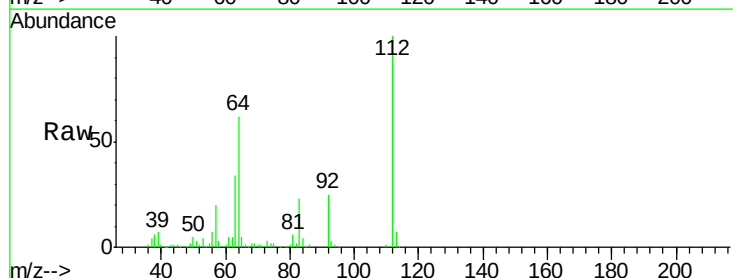
Tgt Ion:152 Resp: 20191
Ion Ratio Lower Upper
152 100
150 158.1 115.0 172.4
115 55.0 43.9 65.9

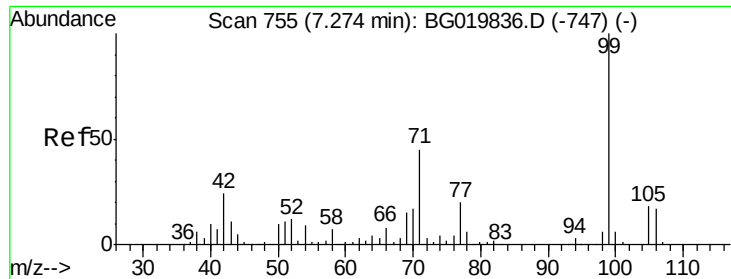


#5

2-Fluorophenol
Concen: 74.33 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:112 Resp: 83043
Ion Ratio Lower Upper
112 100
64 62.4 43.7 65.5
63 33.9 24.0 36.0





#7

Phenol-d6

Concen: 44.90 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020096.D

Acq: 11 Dec 2015 5:25

Instrument :

BNA_G

ClientSampled :

W-49

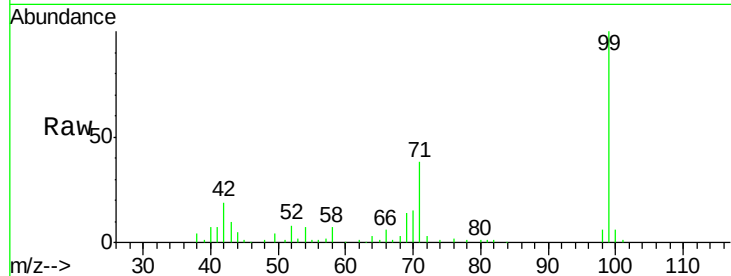
Tgt Ion: 99 Resp: 75734

Ion Ratio Lower Upper

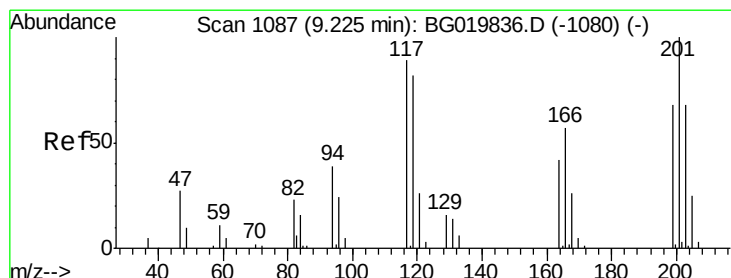
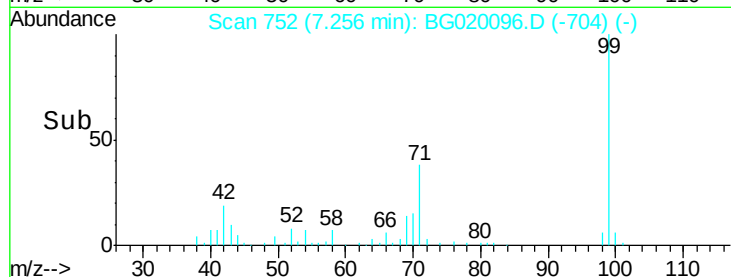
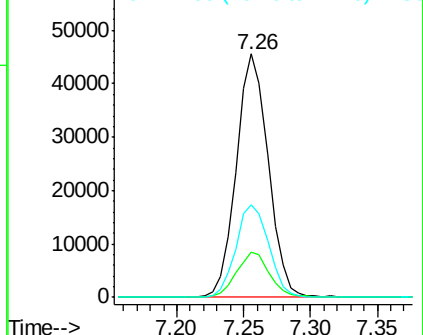
99 100

42 18.6 11.5 17.3#

71 38.3 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#18

Hexachloroethane

Concen: 2.95 ng

RT: 9.22 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BG020096.D

Acq: 11 Dec 2015 5:25

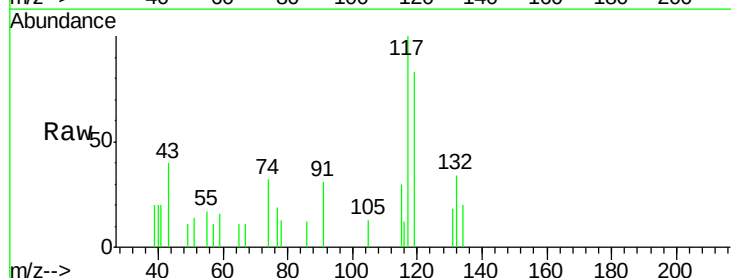
Tgt Ion: 117 Resp: 1760

Ion Ratio Lower Upper

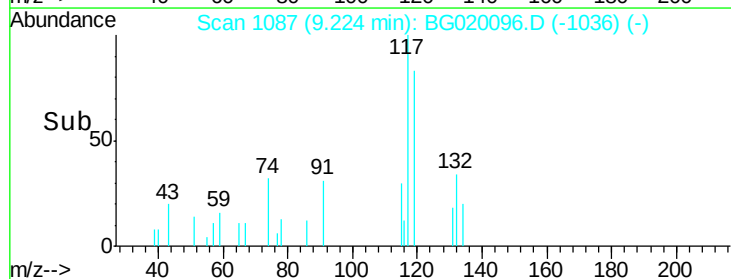
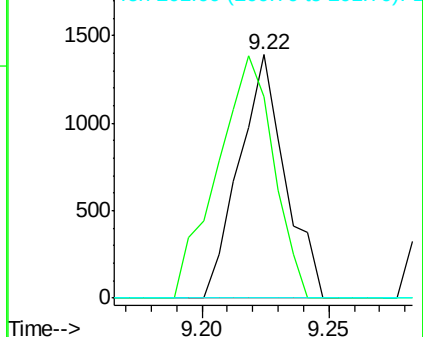
117 100

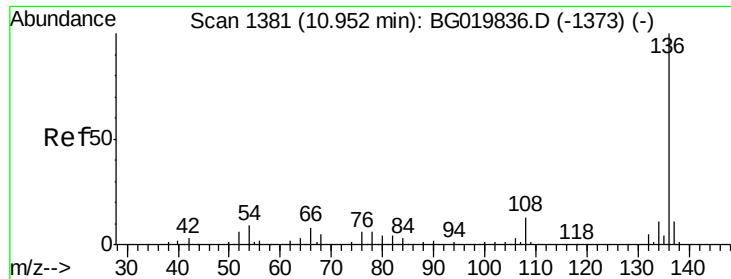
119 82.5 71.7 107.5

201 0.0 90.9 136.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

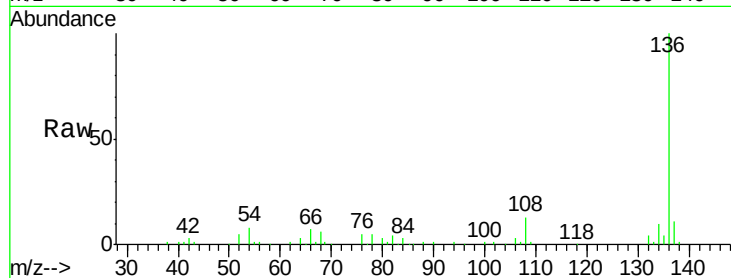




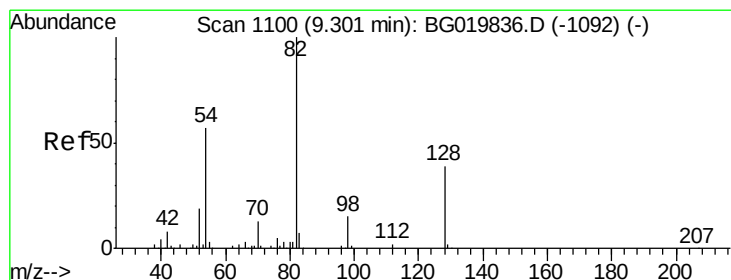
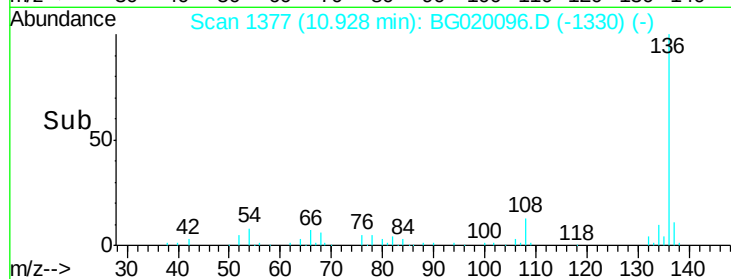
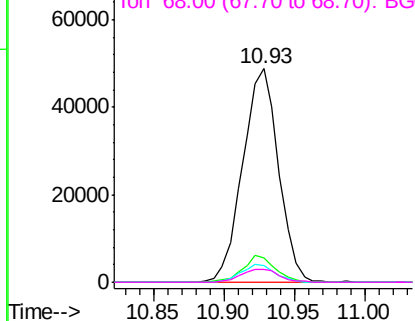
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion:	136	Resp:	86503
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.8	5.4	8.2
68	7.0	5.3	7.9

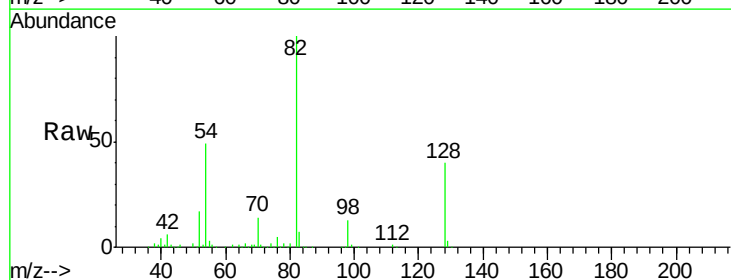


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

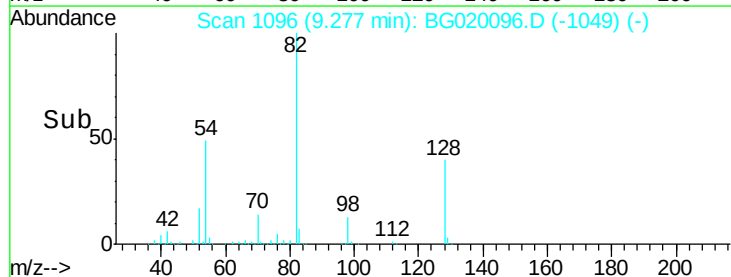
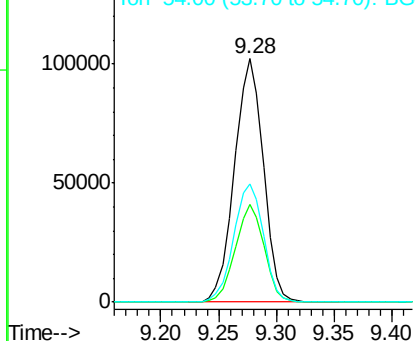


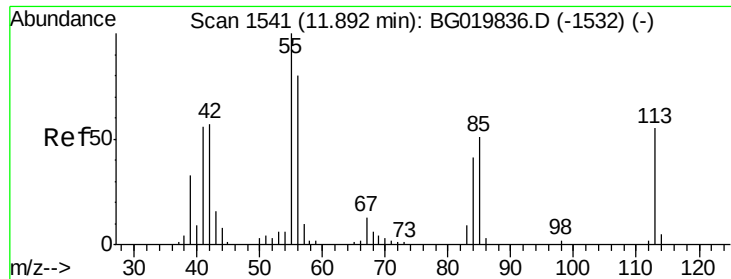
#23
Nitrobenzene-d5
Concen: 104.60 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:	82	Resp:	177292
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.7	55.1
54	48.6	33.8	50.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

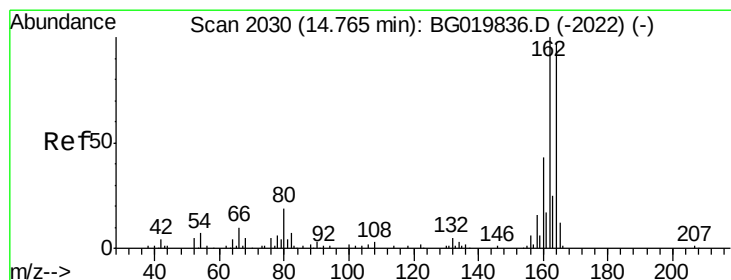
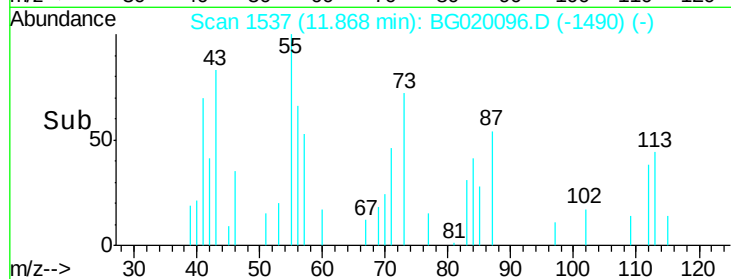
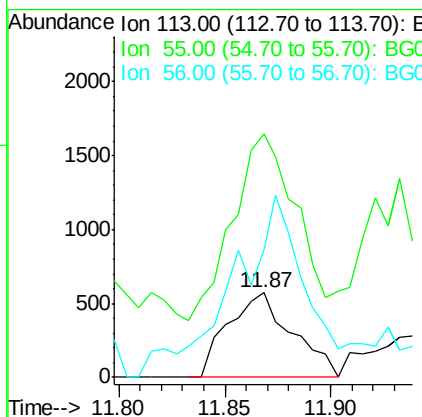
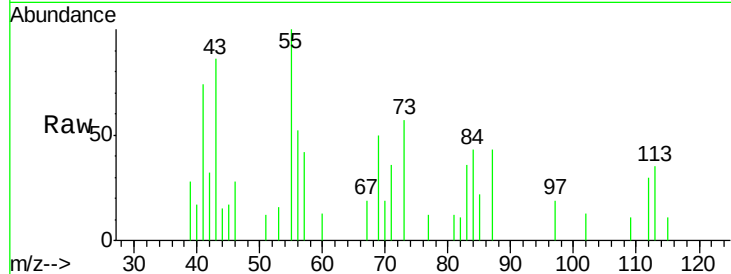




#35
 Caprolactam
 Concen: 2.14 ng
 RT: 11.87 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

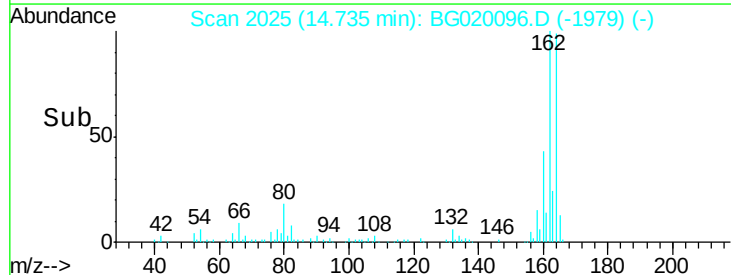
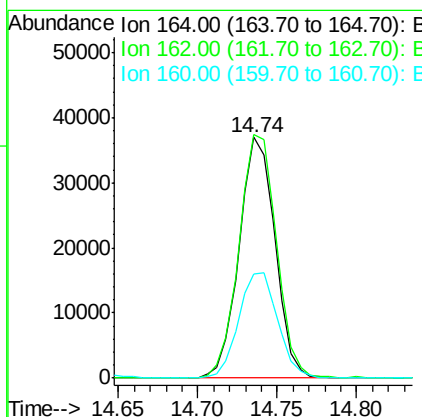
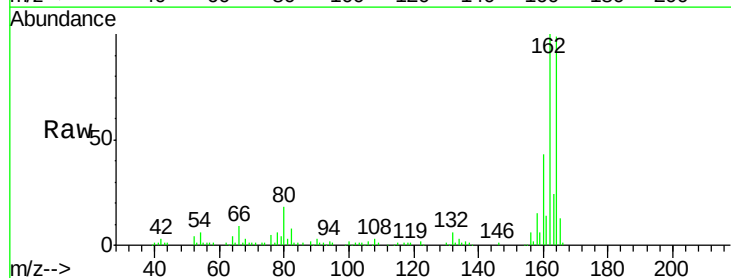
Instrument :
 BNA_G
 ClientSampled :
 W-49

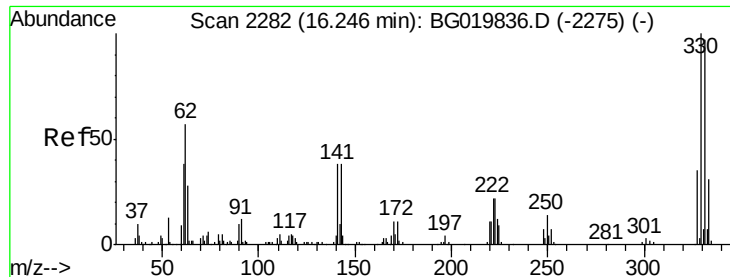
Tgt Ion:113 Resp: 1202
 Ion Ratio Lower Upper
 113 100
 55 286.9 135.0 175.0#
 56 150.0 83.4 123.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

Tgt Ion:164 Resp: 57964
 Ion Ratio Lower Upper
 164 100
 162 101.3 78.8 118.2
 160 43.1 36.4 54.6

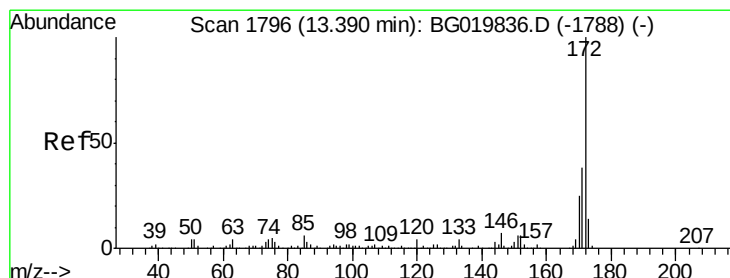
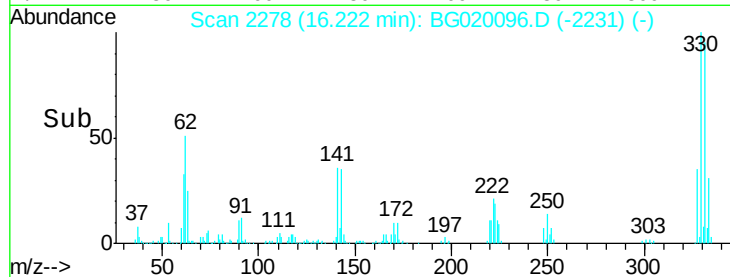
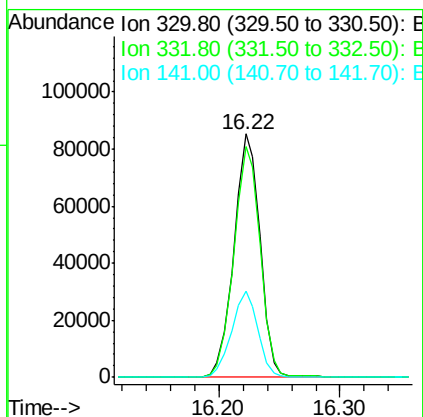
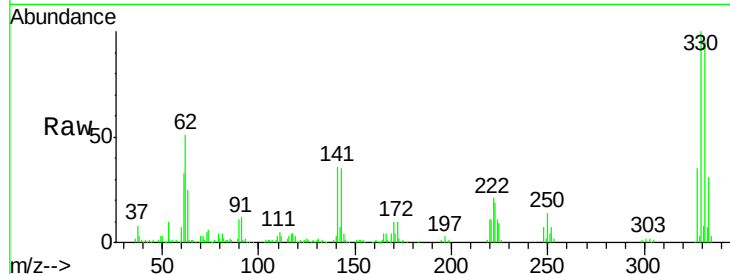




#41
 2,4,6-Tribromophenol
 Concen: 145.15 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

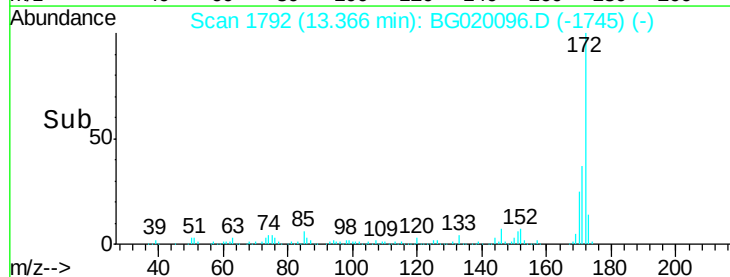
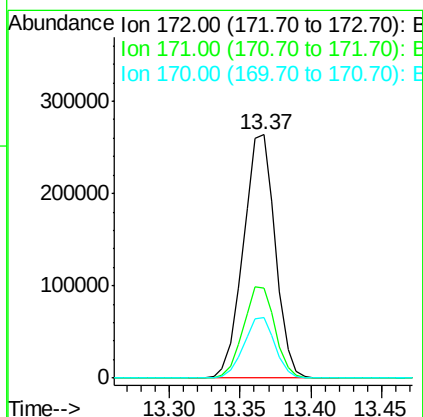
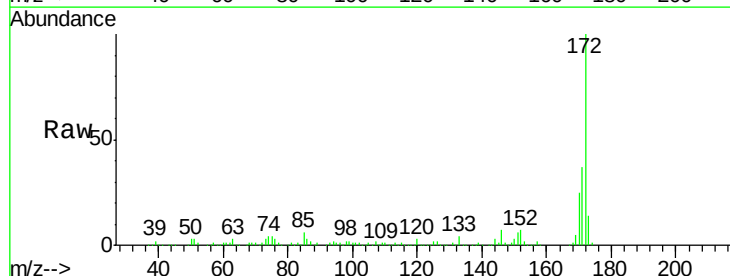
Instrument :
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 ClientSampleId :
 W-49

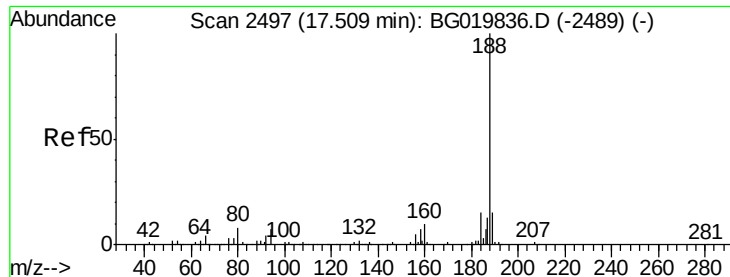
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	35.8	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 98.12 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.9	19.9	29.9

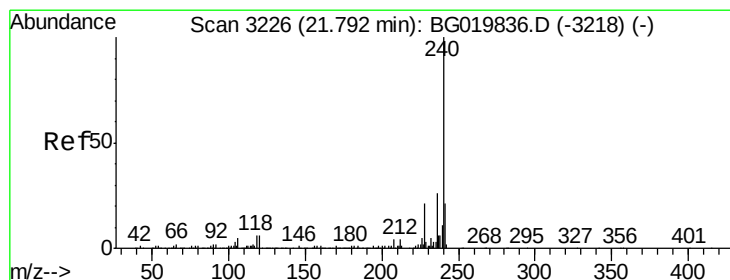
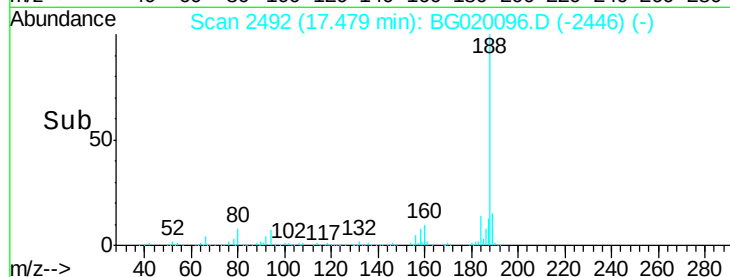
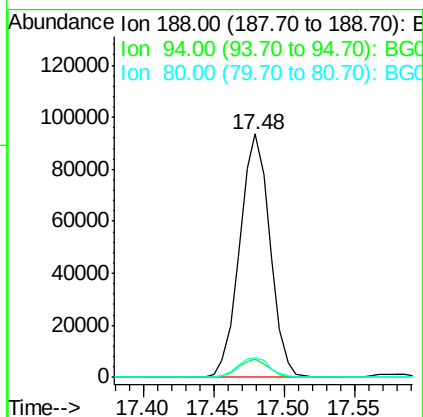
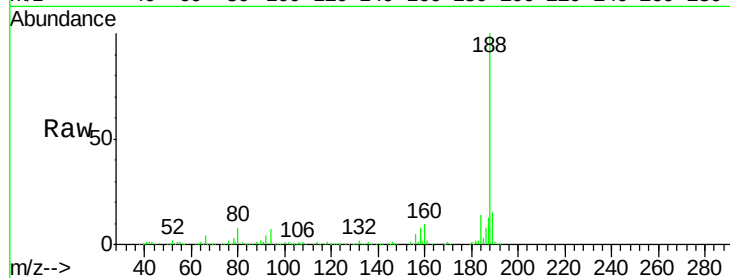




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

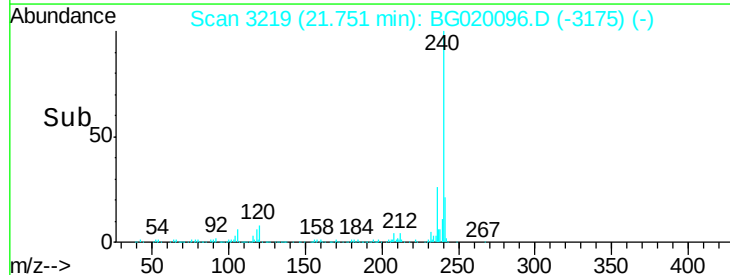
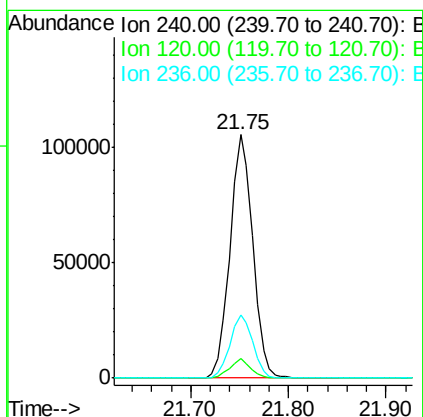
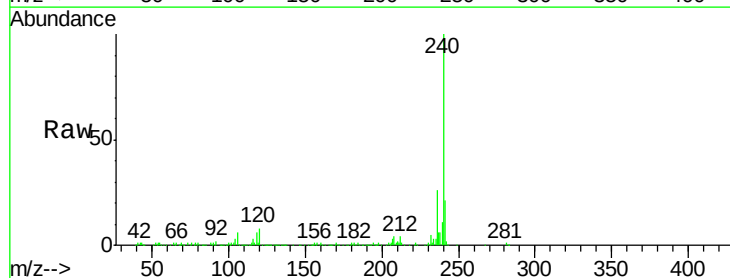
Instrument :
BNA_G
ClientSampleId :
W-49

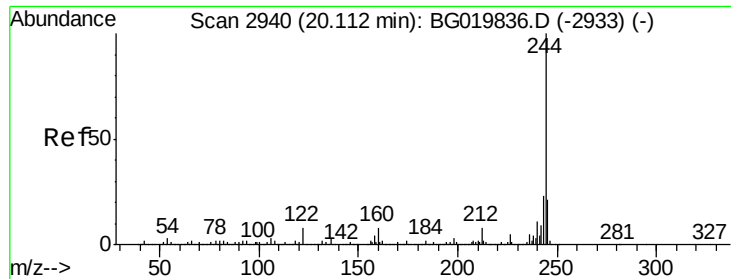
Tgt Ion:188 Resp: 140705
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:240 Resp: 171007
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 25.9 20.7 31.1

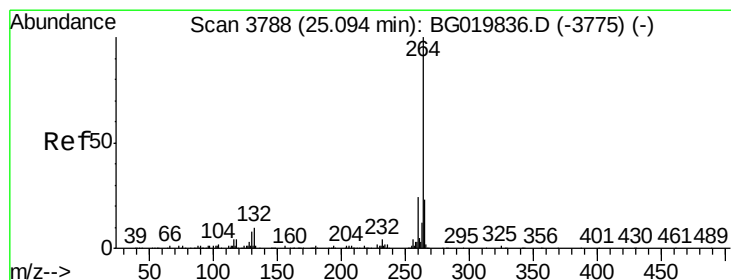
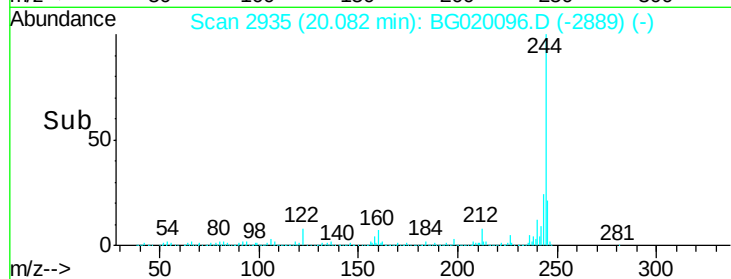
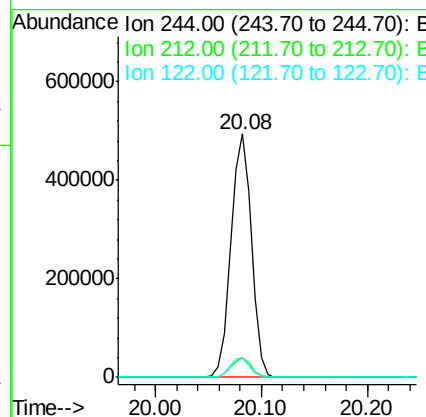
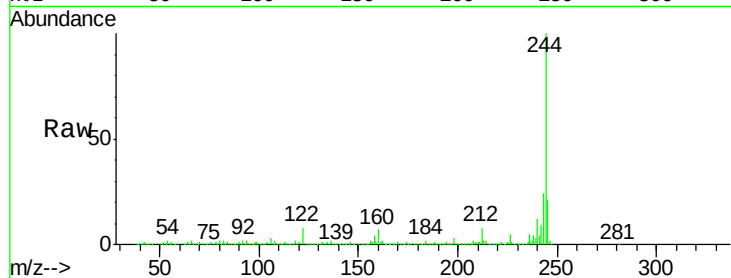




#78
 Terphenyl-d14
 Concen: 93.58 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	8.1	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.07 min
 Lab File: BG020096.D
 Acq: 11 Dec 2015 5:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.4	17.2	25.8

