

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024694.D
 Acq On : 5 Nov 2016 3:05
 Operator : UM/SJ
 Sample : H5531-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0012

Quant Time: Nov 05 03:35:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	98150	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	387465	20.00	ng	-0.01
38) Acenaphthene-d10	14.89	164	303717	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	703331	20.00	ng	0.00
75) Chrysene-d12	21.92	240	967256	20.00	ng	-0.01
86) Perylene-d12	25.34	264	992807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	353627	59.05	ng	0.00
7) Phenol-d6	7.40	99	299627	36.48	ng	0.00
23) Nitrobenzene-d5	9.44	82	829923	97.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	671923	148.09	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1754368	96.01	ng	-0.01
78) Terphenyl-d14	20.20	244	2979952	92.06	ng	-0.01

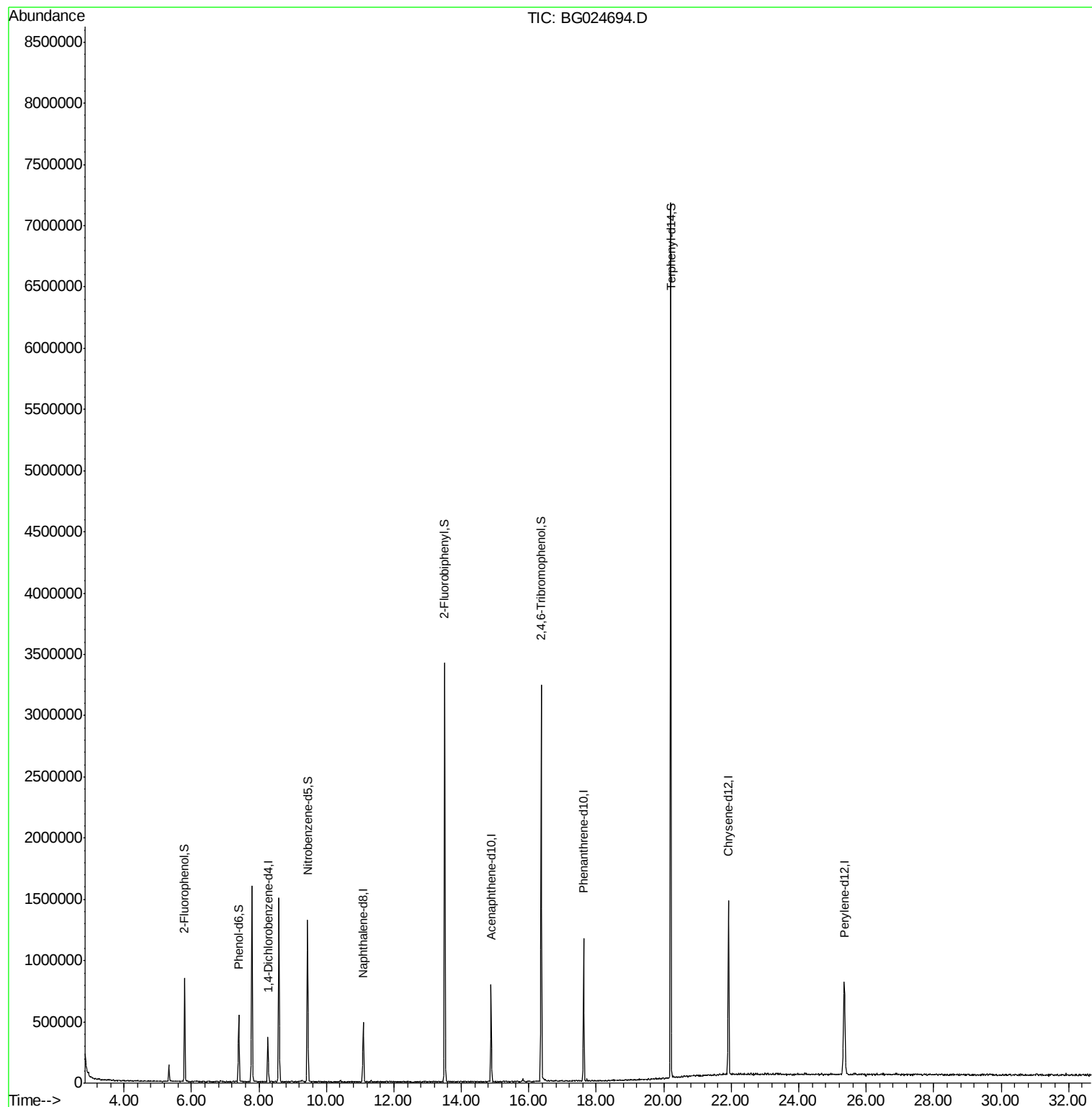
Target Compounds	Qvalue
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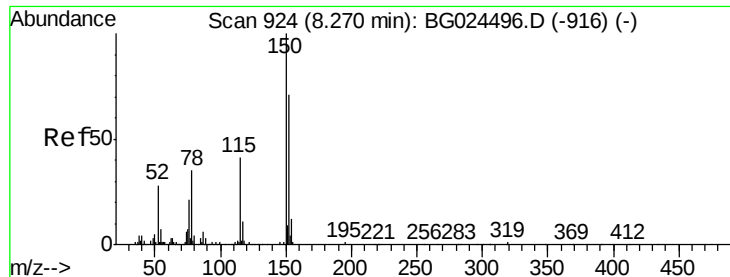
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

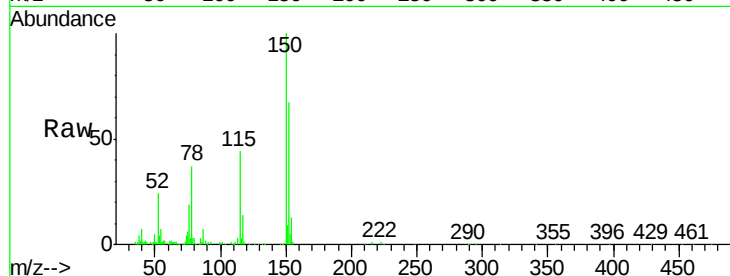
Tgt Ion:152 Resp: 98150

Ion Ratio Lower Upper

152 100

150 149.4 114.0 171.0

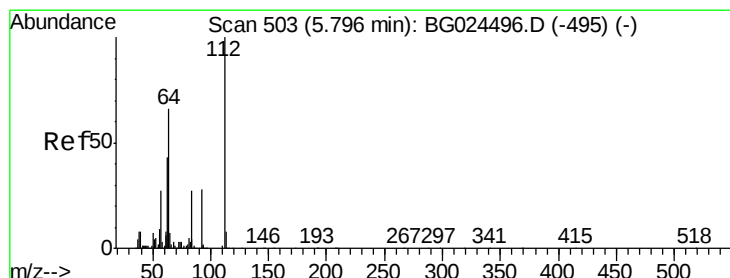
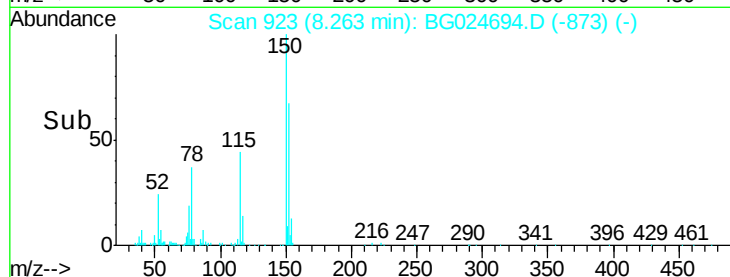
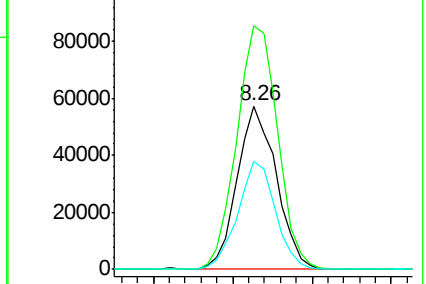
115 65.9 48.1 72.1



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



#5

2-Fluorophenol

Concen: 59.05 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

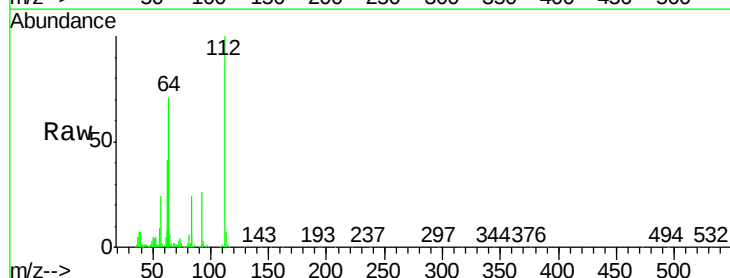
Tgt Ion:112 Resp: 353627

Ion Ratio Lower Upper

112 100

64 71.4 61.8 92.6

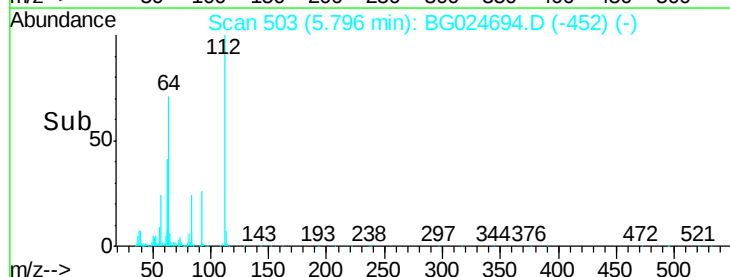
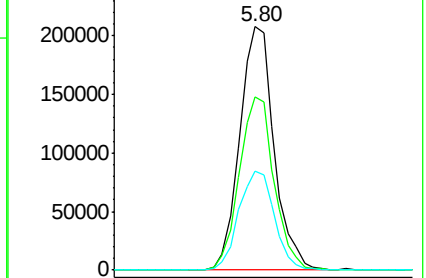
63 40.7 37.2 55.8



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: 36.48 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

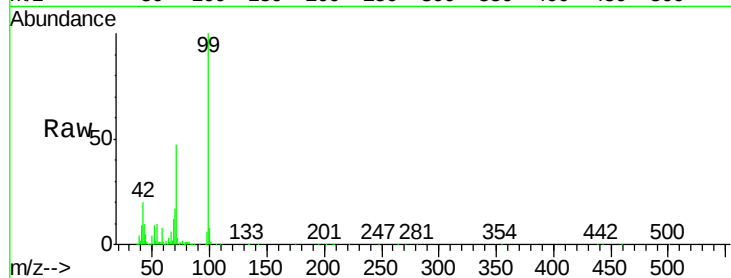
Tgt Ion: 99 Resp: 299627

Ion Ratio Lower Upper

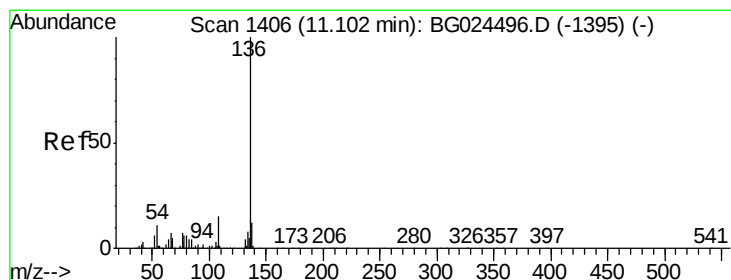
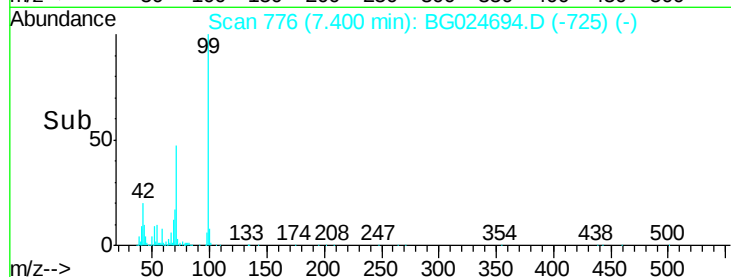
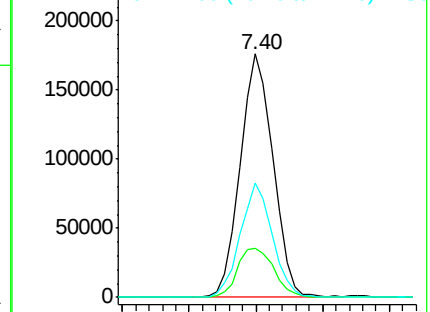
99 100

42 20.0 20.5 30.7#

71 46.9 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Tgt Ion: 136 Resp: 387465

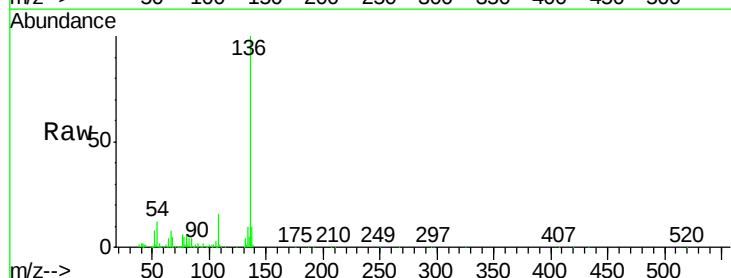
Ion Ratio Lower Upper

136 100

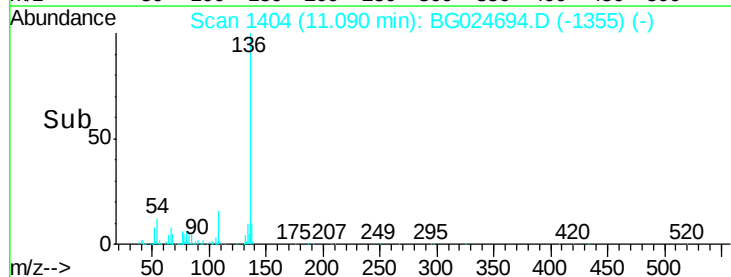
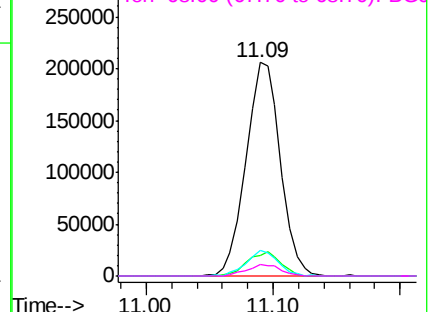
137 9.9 8.9 13.3

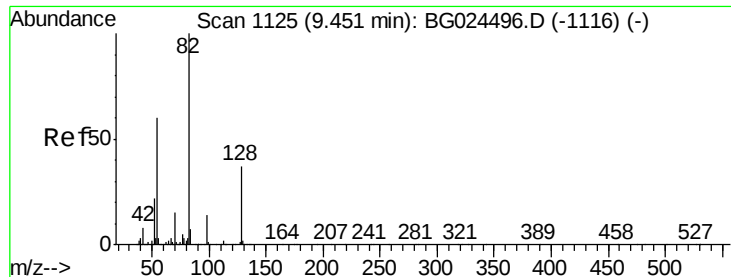
54 11.9 9.3 13.9

68 5.1 5.1 7.7



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

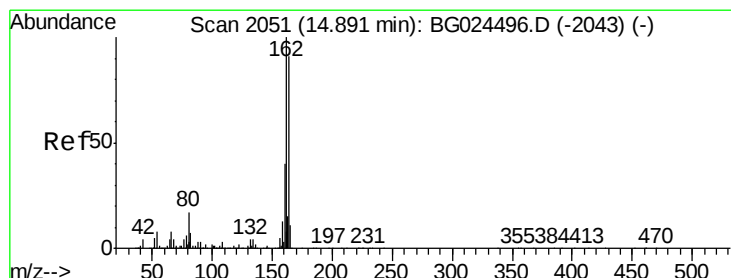
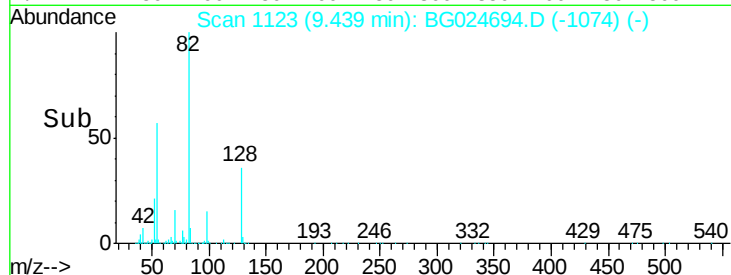
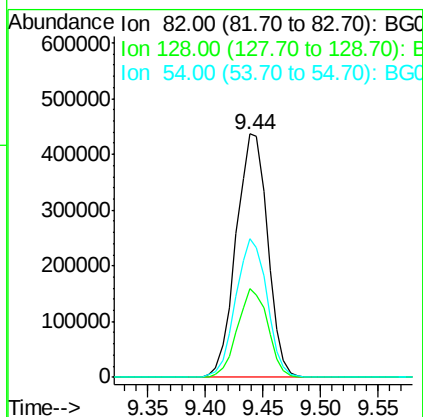
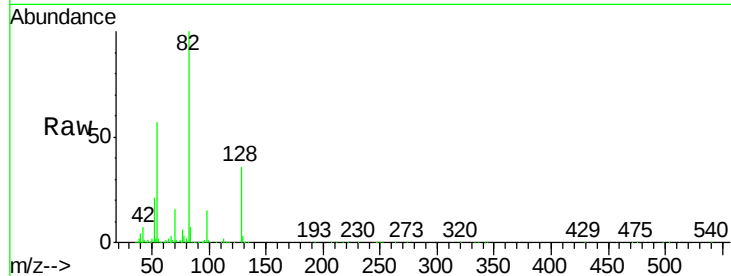




#23
Nitrobenzene-d5
Concen: 97.52 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024694.D
Acq: 5 Nov 2016 3:05

Instrument :
BNA_G
ClientSampleId :
S22-0012

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	57.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024694.D
Acq: 5 Nov 2016 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.8	85.1	127.7
160	40.8	34.7	52.1

