

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
 Data File : BG023954.D
 Acq On : 6 Sep 2016 19:28
 Operator : UM/SJ
 Sample : H4687-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Sep 07 00:52:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

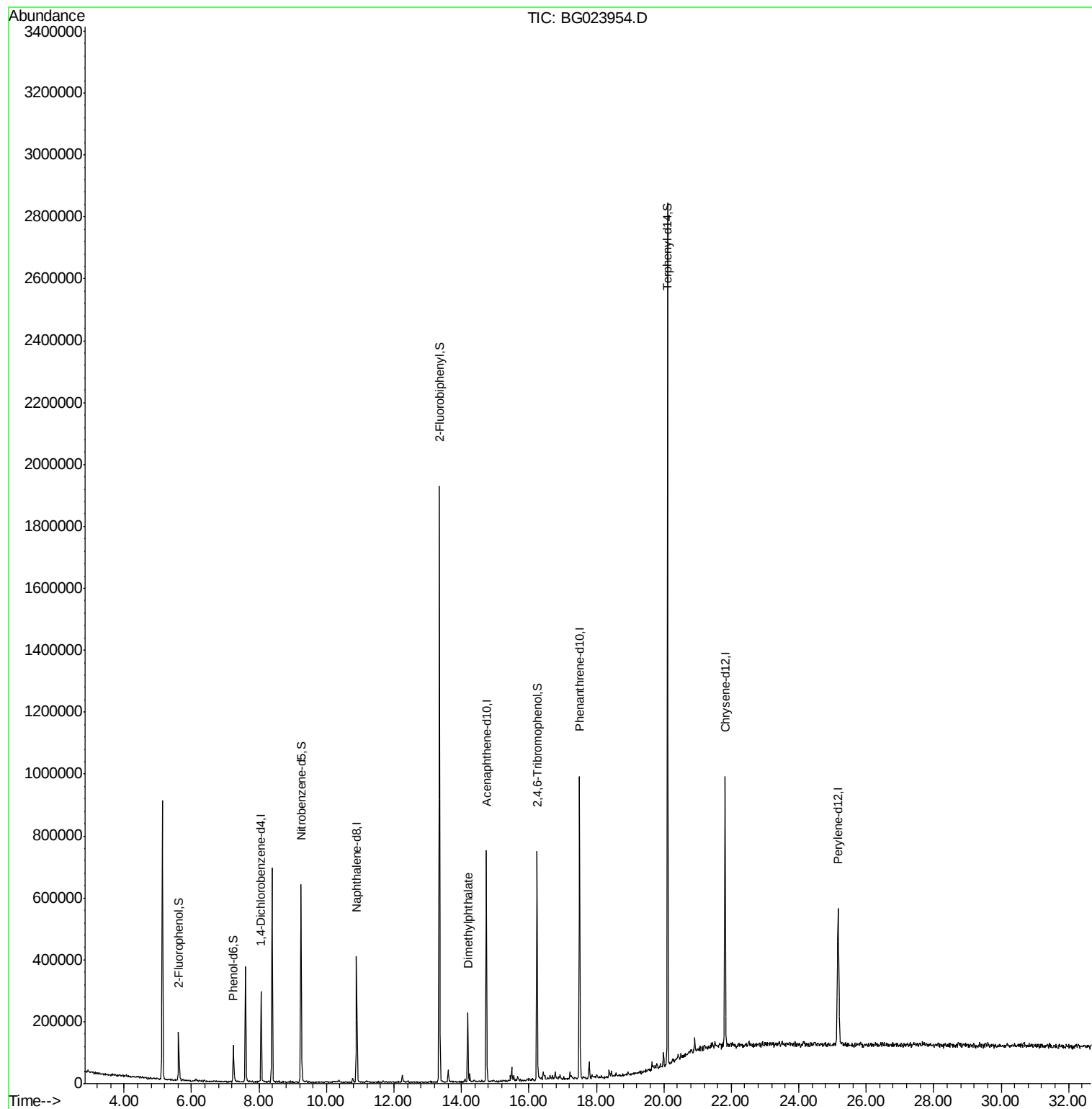
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69505	40.00	ng	-0.02
21) Naphthalene-d8	10.89	136	316260	40.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	245833	40.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	593472	40.00	ng	-0.02
75) Chrysene-d12	21.81	240	539102	40.00	ng	-0.03
86) Perylene-d12	25.17	264	557041	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	67226	33.96	ng	-0.02
7) Phenol-d6	7.24	99	68464	22.47	ng	-0.02
23) Nitrobenzene-d5	9.24	82	413413	116.72	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	134057	60.53	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	927785	108.22	ng	-0.02
78) Terphenyl-d14	20.11	244	1144073	96.66	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.38	79	7442	2.77	ng	# 79
49) Dimethylphthalate	14.19	163	132072	12.53	ng	# 99

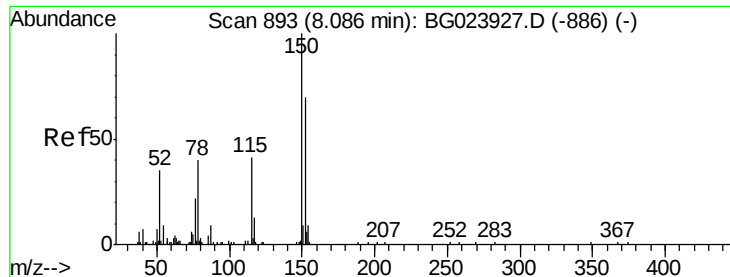
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG023954.D

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GROUNDWATER

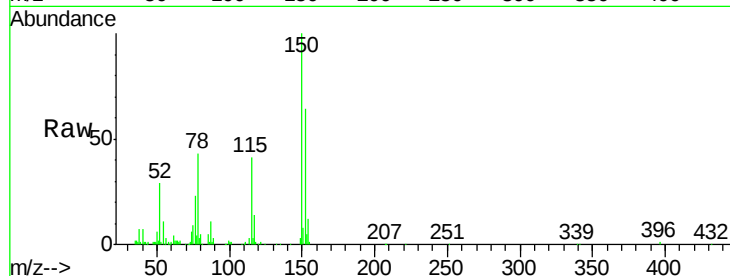
Tgt Ion:152 Resp: 69505

Ion Ratio Lower Upper

152 100

150 155.8 144.7 217.1

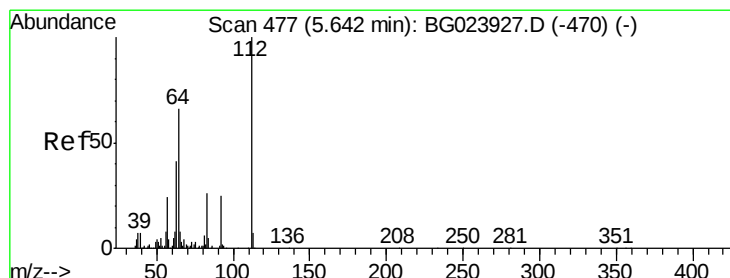
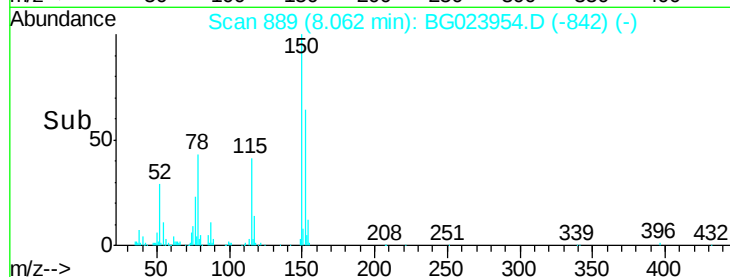
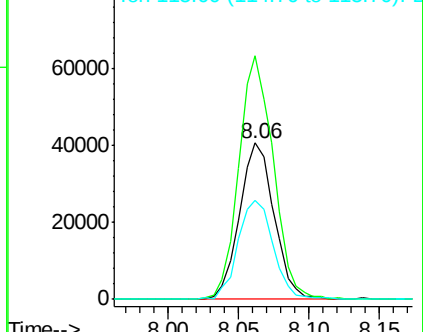
115 63.5 64.0 96.0#



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: 33.96 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

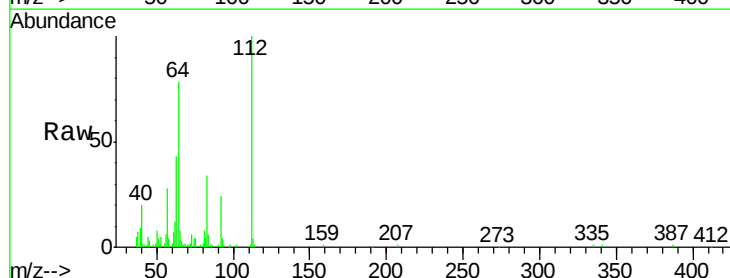
Tgt Ion:112 Resp: 67226

Ion Ratio Lower Upper

112 100

64 78.3 59.0 88.4

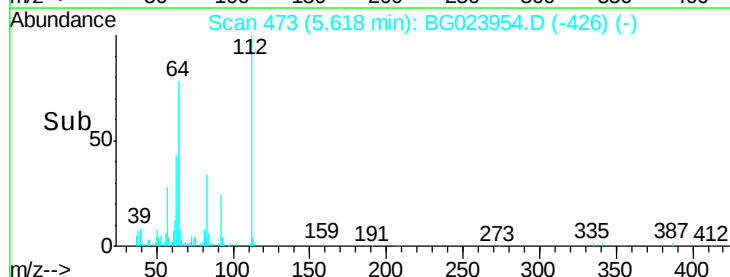
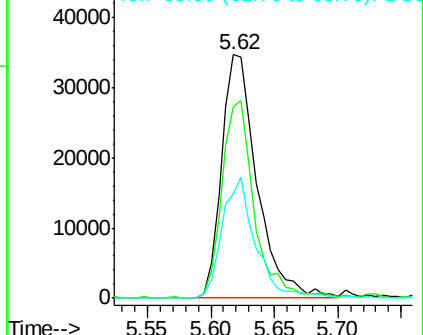
63 42.8 37.8 56.8

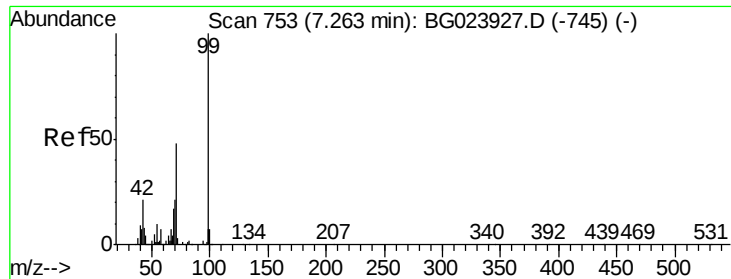


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.47 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

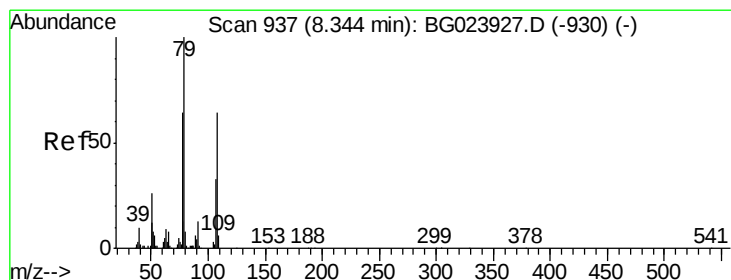
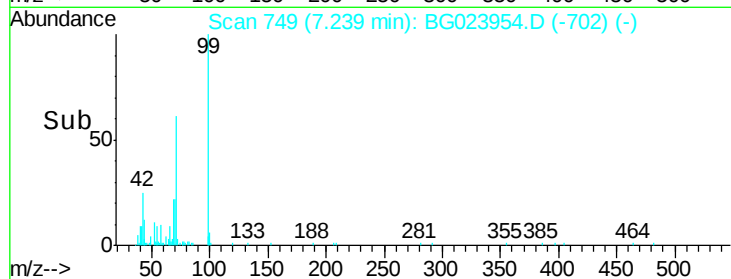
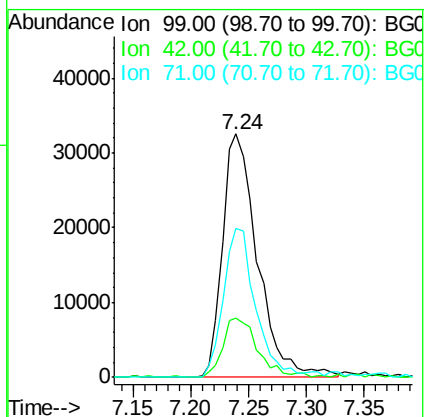
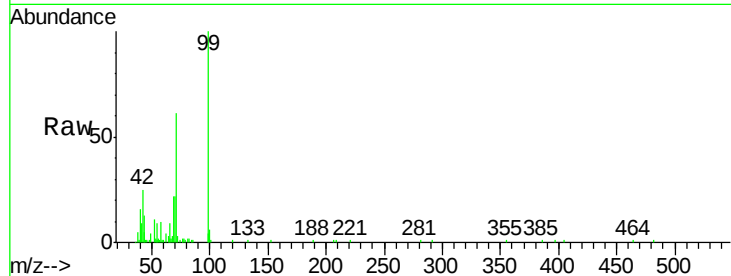
Tgt Ion: 99 Resp: 68464

Ion Ratio Lower Upper

99 100

42 24.5 17.8 26.6

71 61.2 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.77 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.04 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

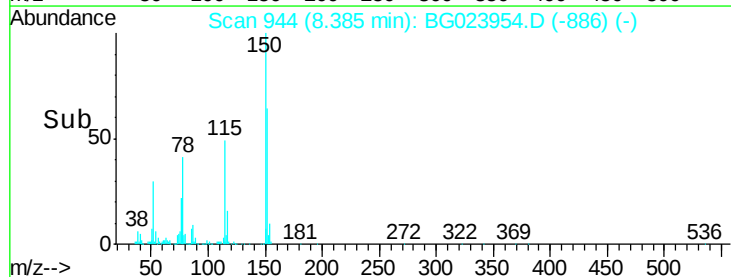
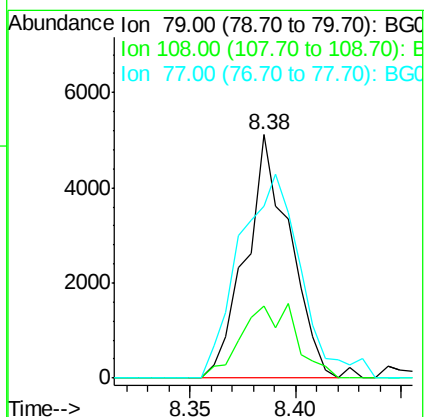
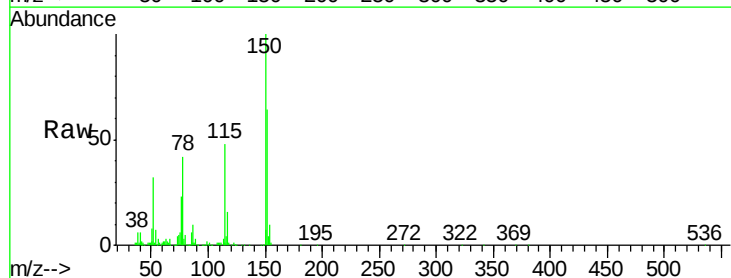
Tgt Ion: 79 Resp: 7442

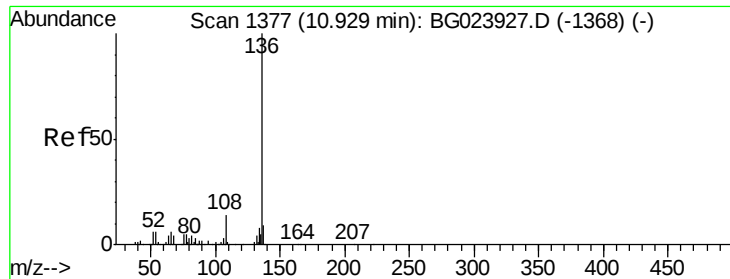
Ion Ratio Lower Upper

79 100

108 29.4 46.5 69.7#

77 70.4 52.3 78.5

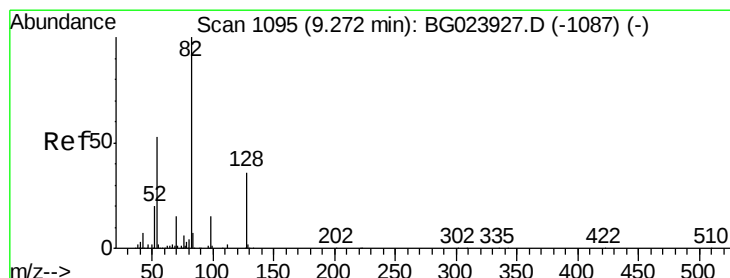
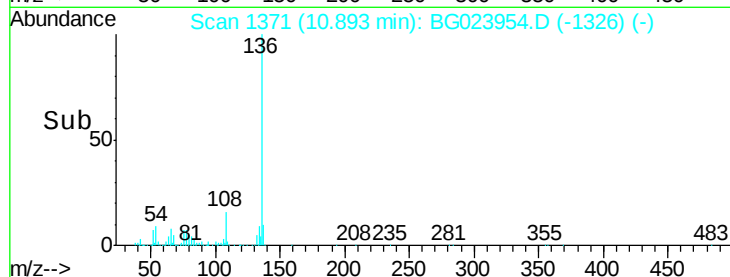
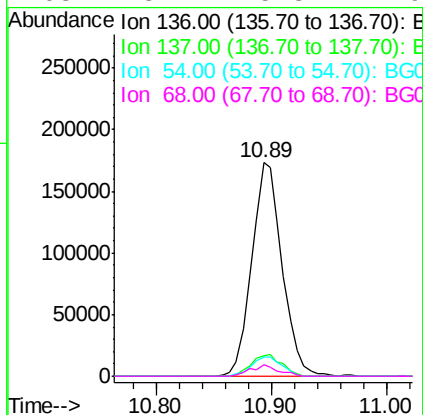
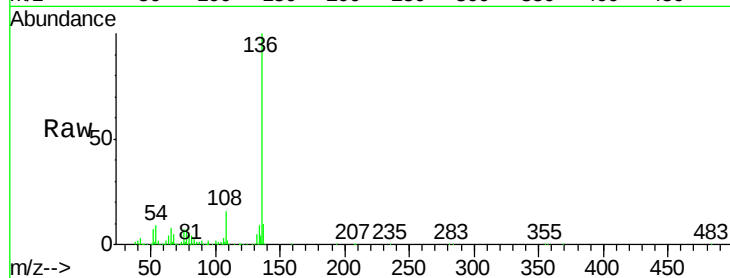




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG023954.D
Acq: 6 Sep 2016 19:28

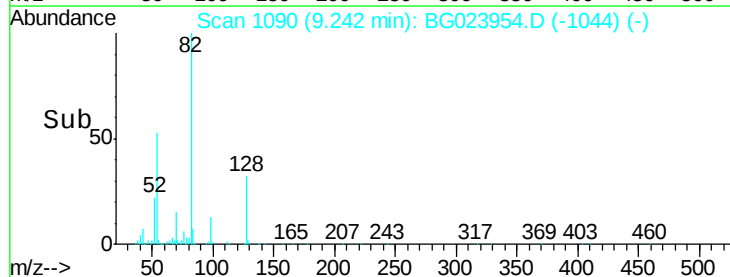
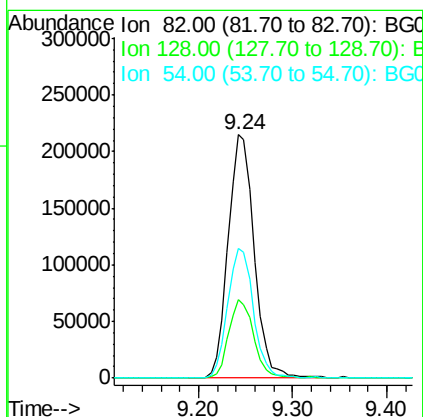
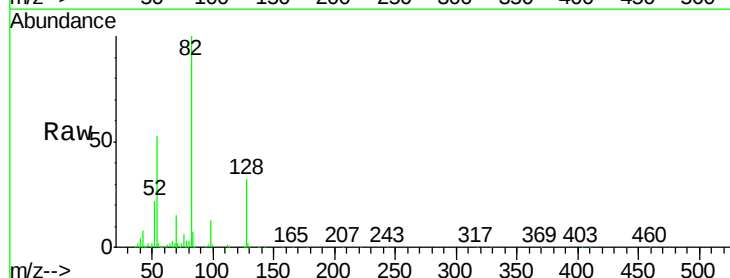
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

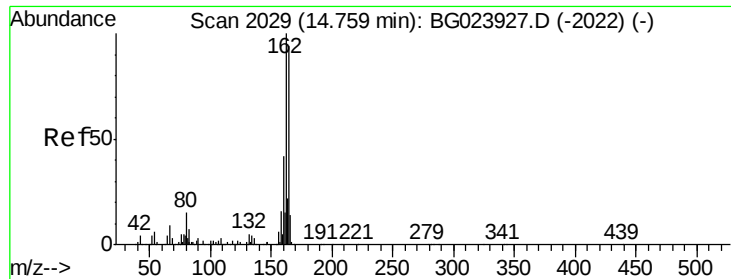
Tgt Ion:	136	Resp:	316260
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.6	14.4
54	8.7	7.3	10.9
68	5.2	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 116.72 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BG023954.D
Acq: 6 Sep 2016 19:28

Tgt Ion:	82	Resp:	413413
Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	53.4	41.4	62.0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

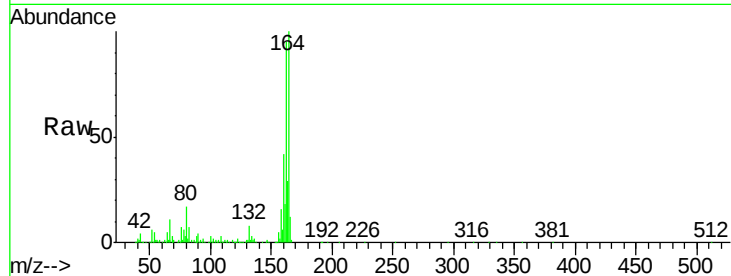
Tgt Ion:164 Resp: 245833

Ion Ratio Lower Upper

164 100

162 95.2 87.7 131.5

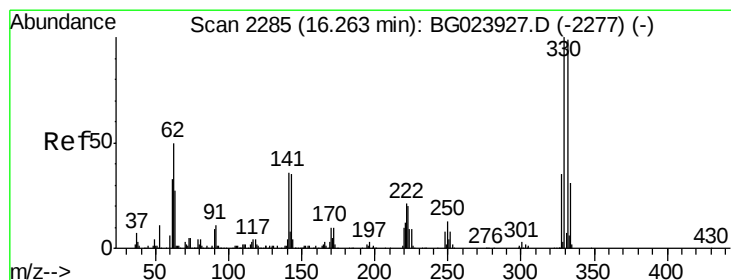
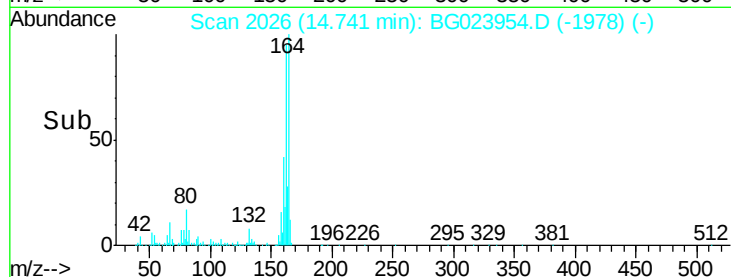
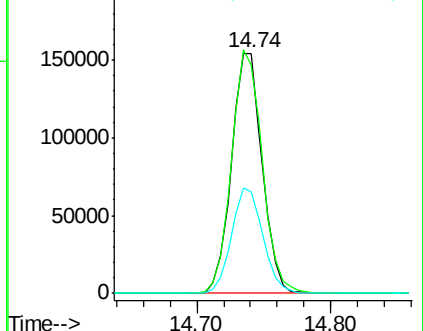
160 42.3 37.2 55.8



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: 60.53 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

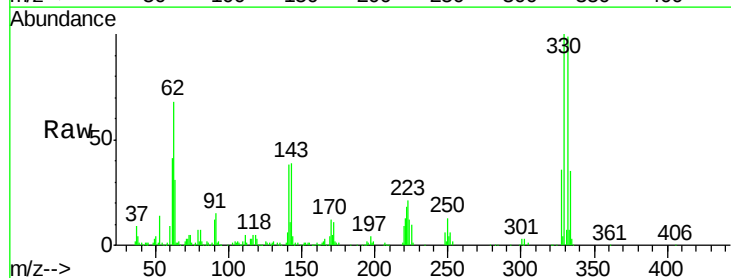
Tgt Ion:330 Resp: 134057

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

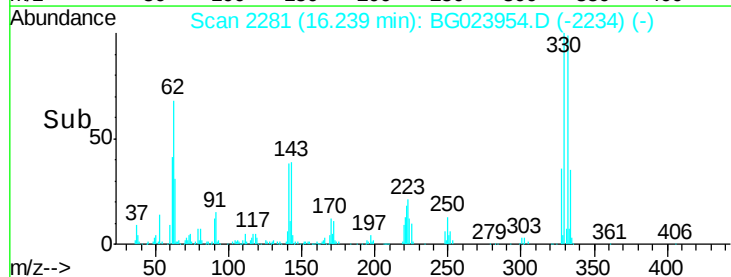
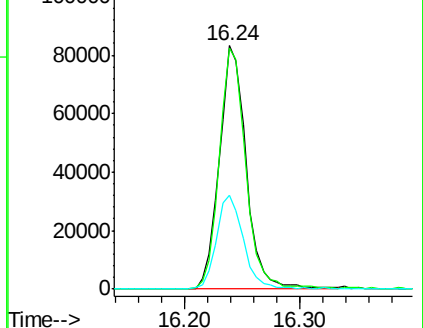
141 38.5 31.7 47.5

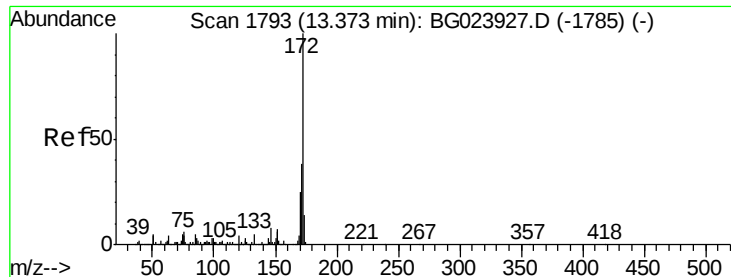


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 108.22 ng

RT: 13.35 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

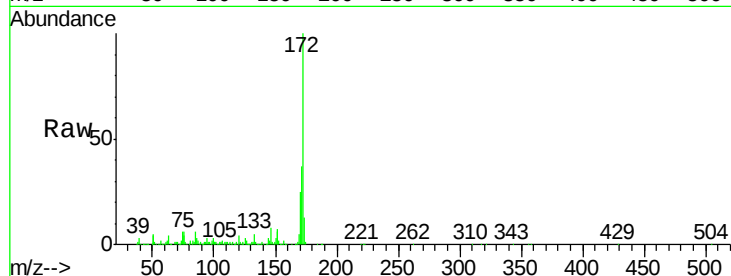
Tgt Ion:172 Resp: 927785

Ion Ratio Lower Upper

172 100

171 36.7 31.6 47.4

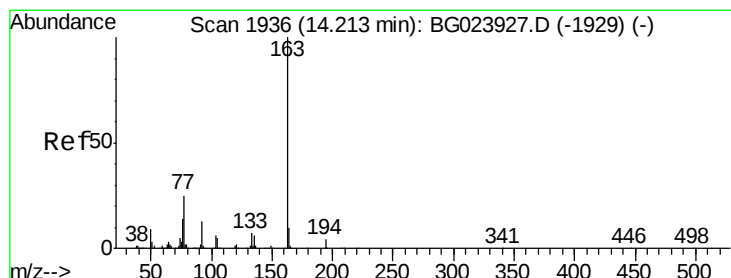
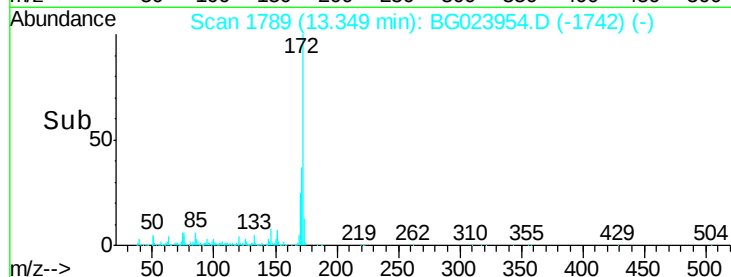
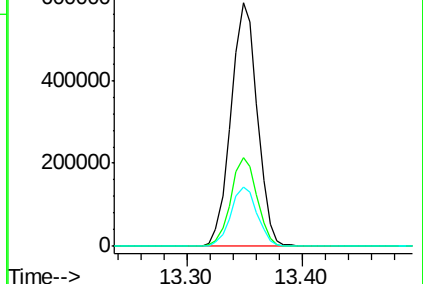
170 24.5 21.3 31.9



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



#49

Dimethylphthalate

Concen: 12.53 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BG023954.D

Acq: 6 Sep 2016 19:28

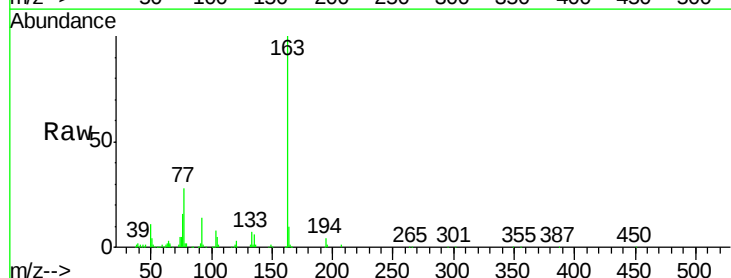
Tgt Ion:163 Resp: 132072

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

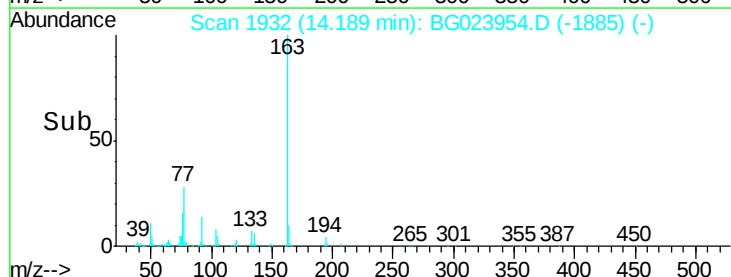
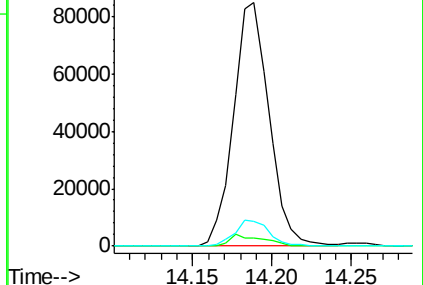
164 10.0 8.1 12.1

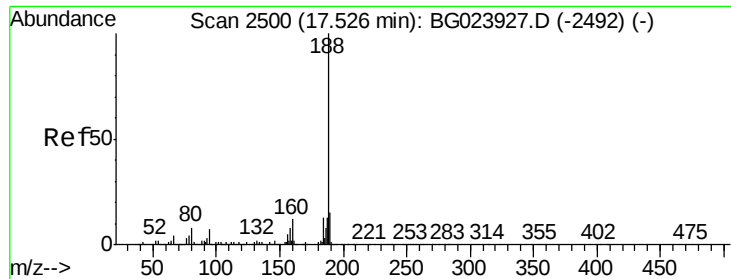


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

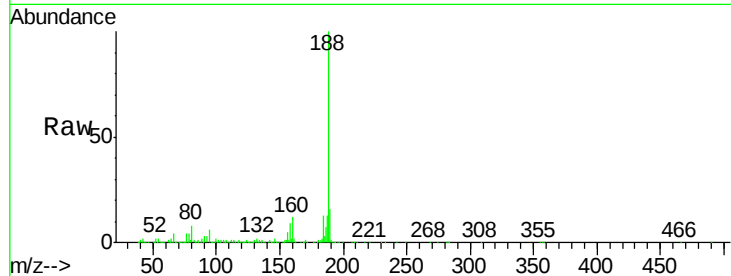




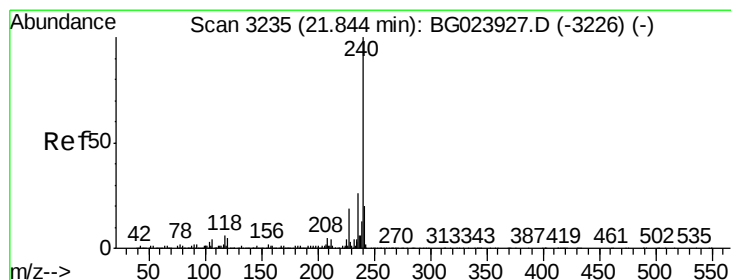
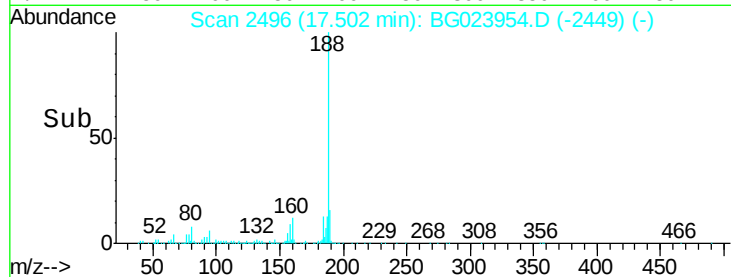
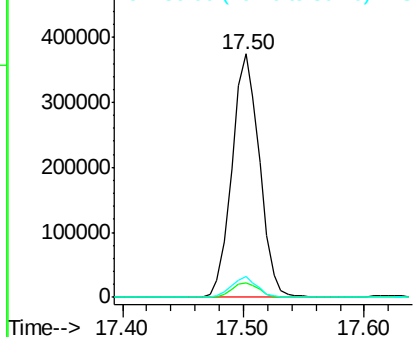
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG023954.D
Acq: 6 Sep 2016 19:28

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:188 Resp: 593472
Ion Ratio Lower Upper
188 100
94 6.2 5.2 7.8
80 8.4 7.2 10.8

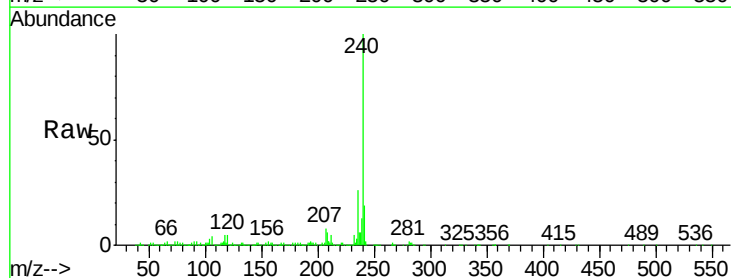


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

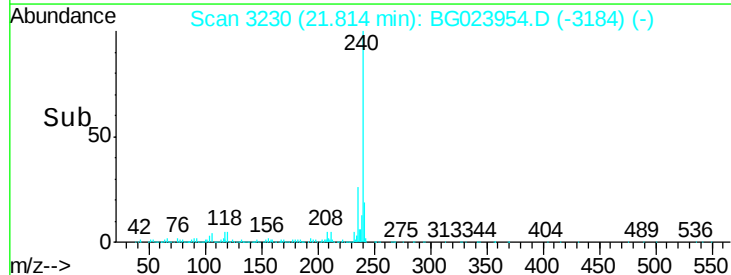
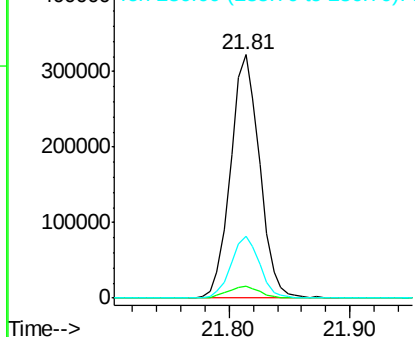


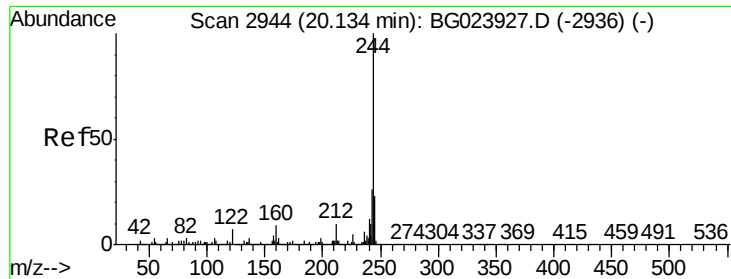
#75
Chrysene-d12
Concen: 40.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023954.D
Acq: 6 Sep 2016 19:28

Tgt Ion:240 Resp: 539102
Ion Ratio Lower Upper
240 100
120 5.0 4.1 6.1
236 25.6 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

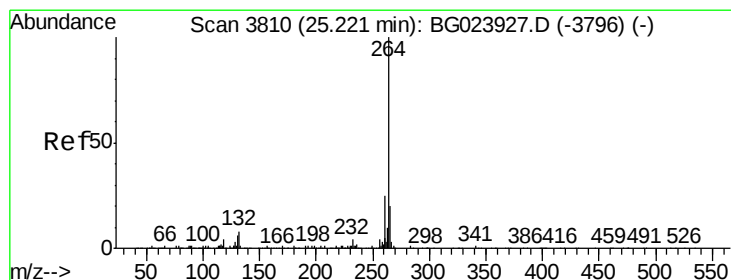
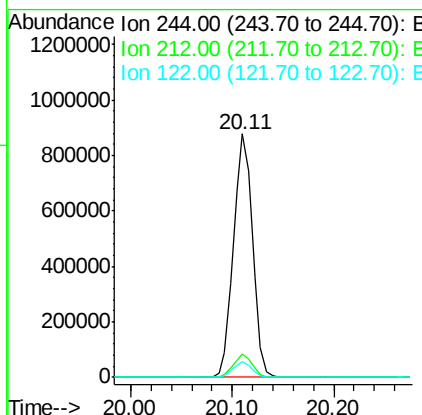
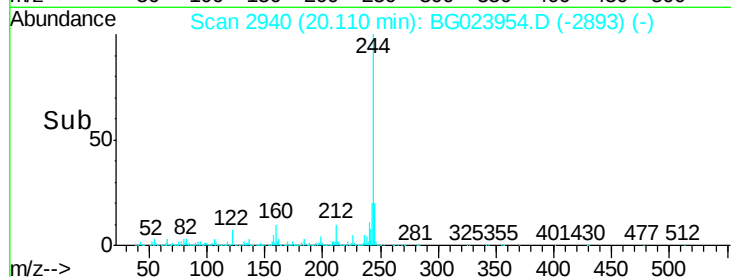
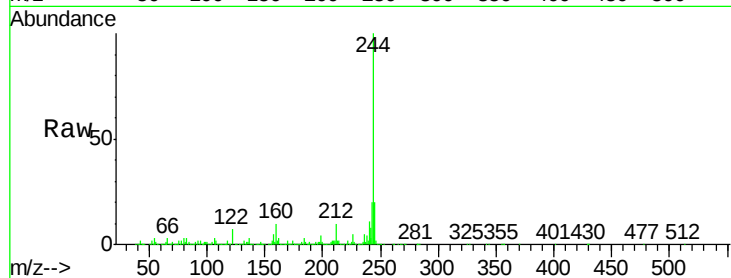




#78
 Terphenyl-d14
 Concen: 96.66 ng
 RT: 20.11 min Scan# 2940
 Delta R.T. -0.02 min
 Lab File: BG023954.D
 Acq: 6 Sep 2016 19:28

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Tgt Ion:244 Resp: 1144073
 Ion Ratio Lower Upper
 244 100
 212 9.7 10.8 16.2#
 122 6.5 8.0 12.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 25.17 min Scan# 3801
 Delta R.T. -0.05 min
 Lab File: BG023954.D
 Acq: 6 Sep 2016 19:28

Tgt Ion:264 Resp: 557041
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 20.8 18.9 28.3

