

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027690.D
 Acq On : 27 Jun 2017 1:04
 Operator : SJ/JU
 Sample : I3898-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:38:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

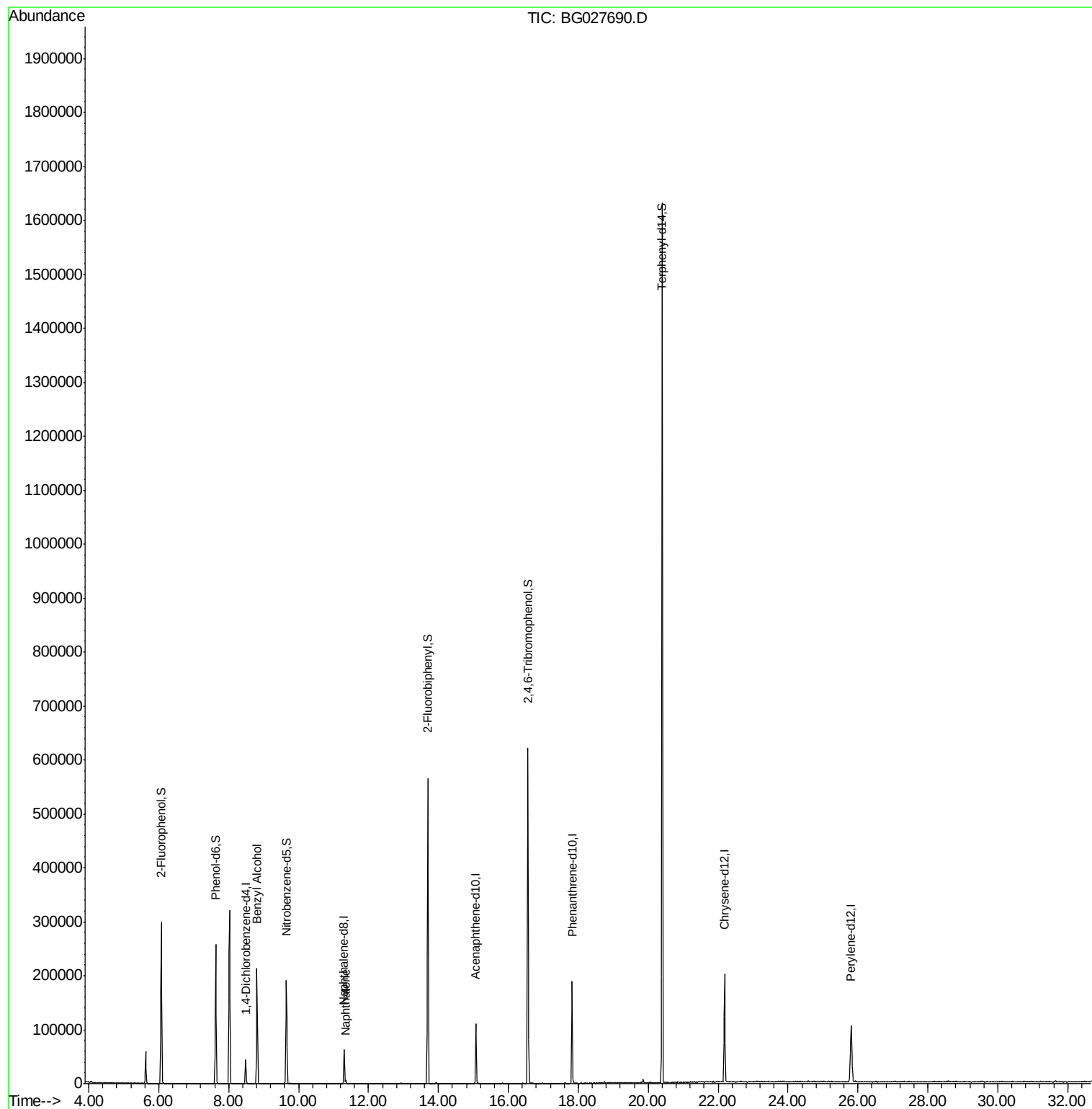
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12194	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	53990	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	37667	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	122179	20.00	ng	-0.03
75) Chrysene-d12	22.18	240	137860	20.00	ng	-0.03
86) Perylene-d12	25.80	264	133597	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	116862	136.40	ng	-0.01
7) Phenol-d6	7.63	99	139893	110.29	ng	-0.01
23) Nitrobenzene-d5	9.65	82	117399	102.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	123046	219.12	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	286048	103.74	ng	-0.02
78) Terphenyl-d14	20.40	244	694410	118.68	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.81	79	2299	2.27	ng	# 61
31) Naphthalene	11.35	128	5998	2.06	ng	# 95

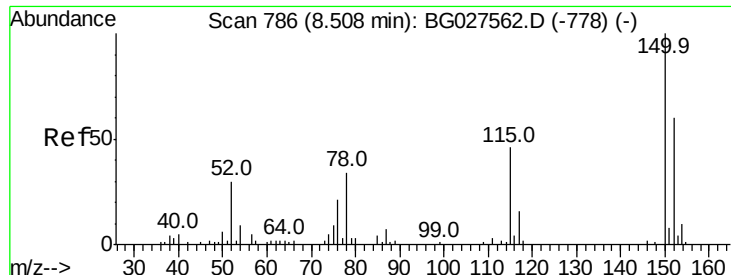
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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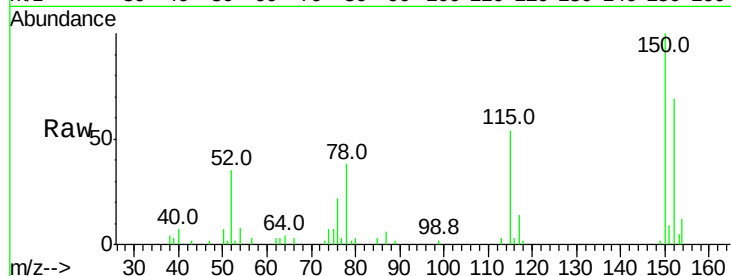


#1

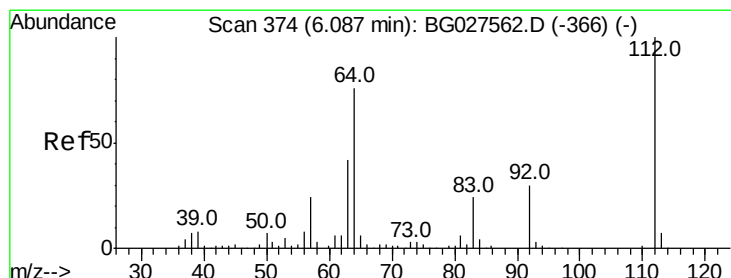
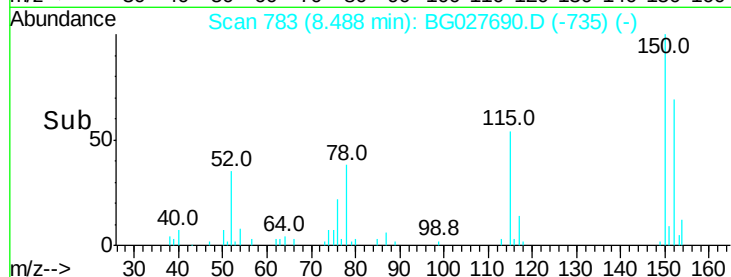
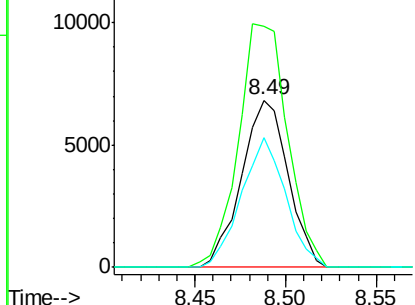
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 12194
Ion Ratio Lower Upper
152 100
150 144.2 114.0 171.0
115 77.6 48.1 72.1#



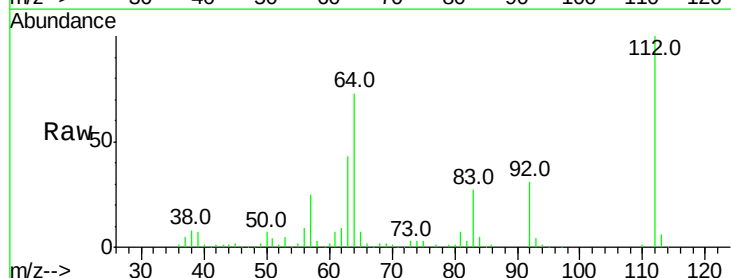
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



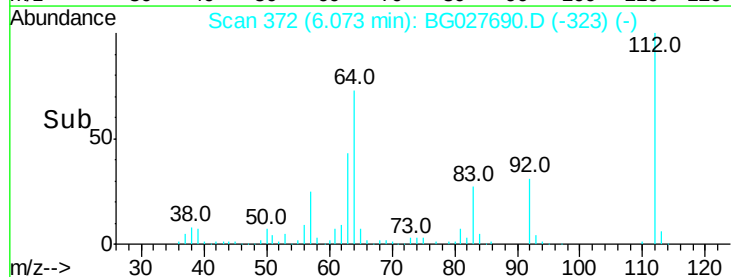
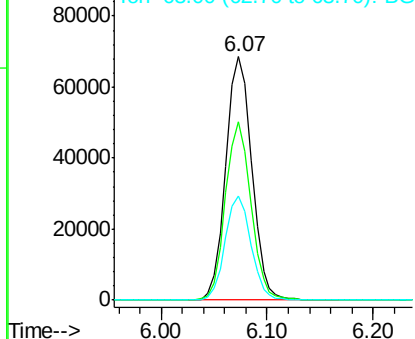
#5

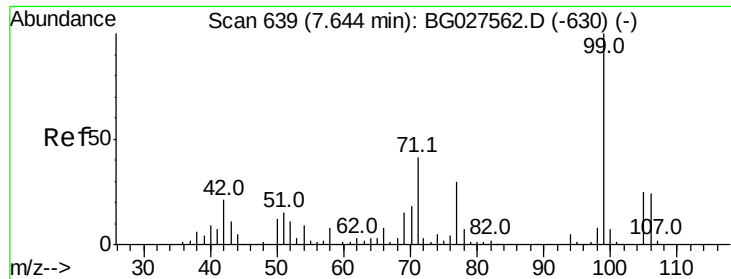
2-Fluorophenol
Concen: 136.40 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Tgt Ion:112 Resp: 116862
Ion Ratio Lower Upper
112 100
64 73.1 61.8 92.6
63 43.0 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: 110.29 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

Instrument :

BNA_G

ClientSampled :

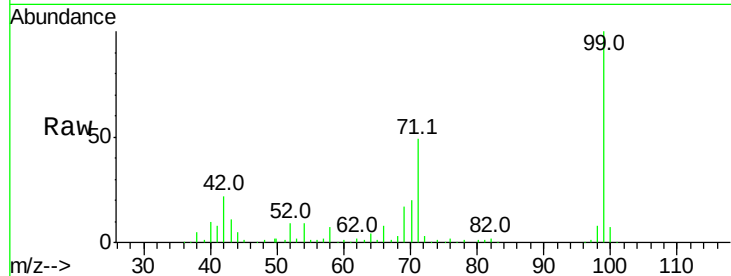
Tot Ion: 99 Resp: 139893

Ion Ratio Lower Upper

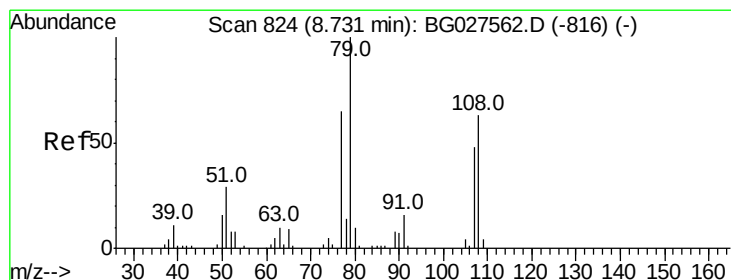
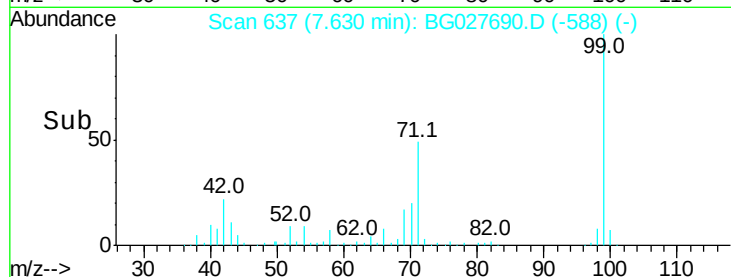
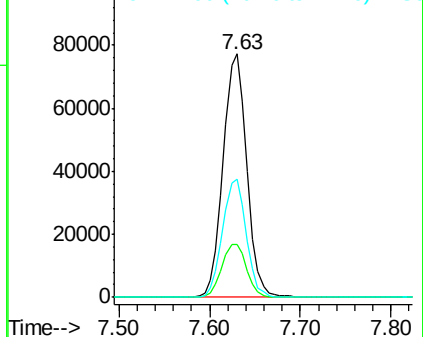
99 100

42 21.8 20.5 30.7

71 48.8 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



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 8.81 min Scan# 838

Delta R.T. 0.08 min

Lab File: BG027690.D

Acq: 27 Jun 2017 1:04

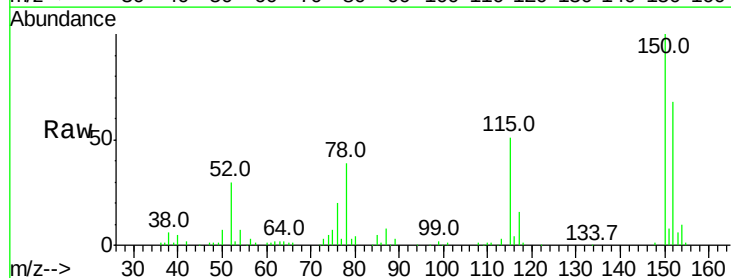
Tgt Ion: 79 Resp: 2299

Ion Ratio Lower Upper

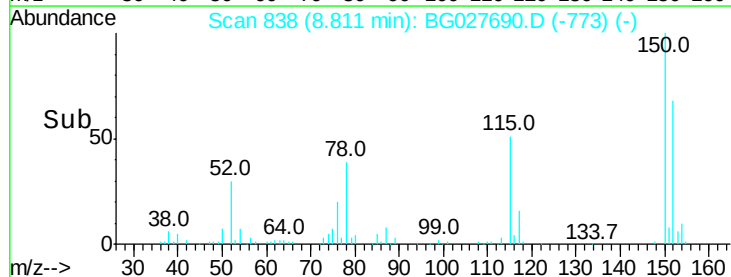
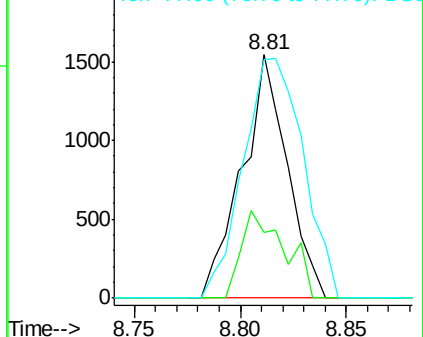
79 100

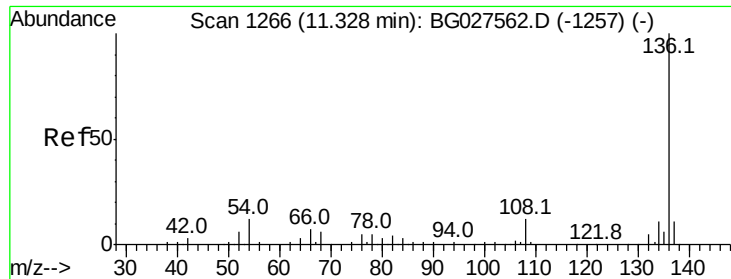
108 27.1 45.5 68.3#

77 97.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

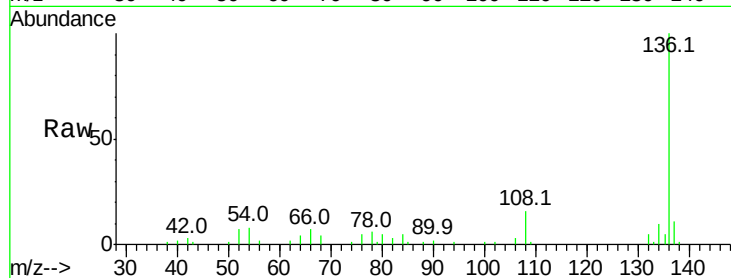




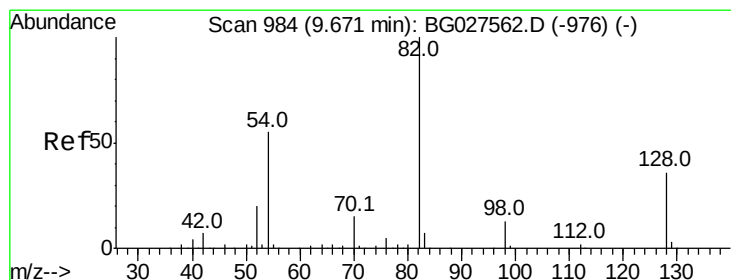
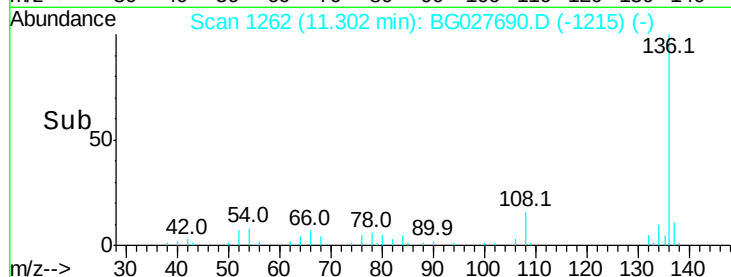
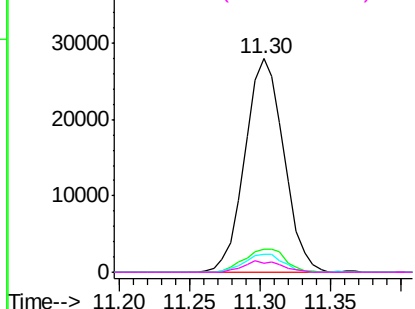
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	53990
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	9.3	13.9#
68	4.3	5.1	7.7#

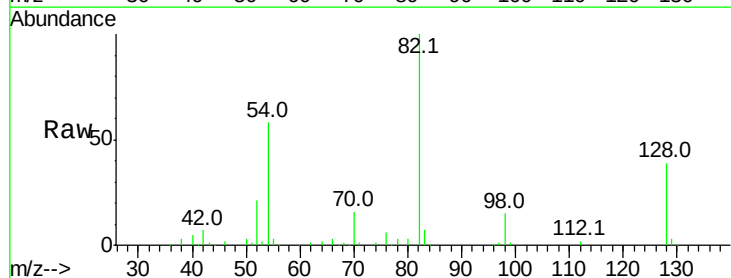


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

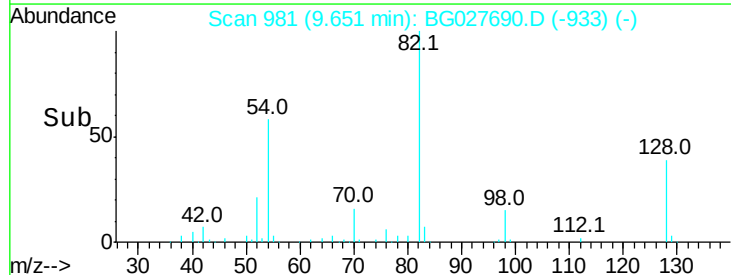
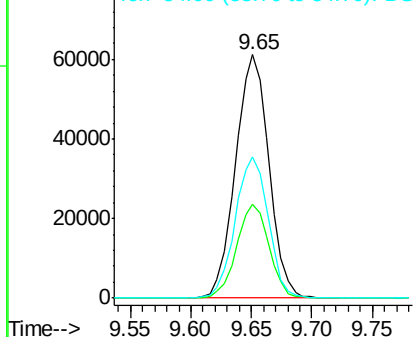


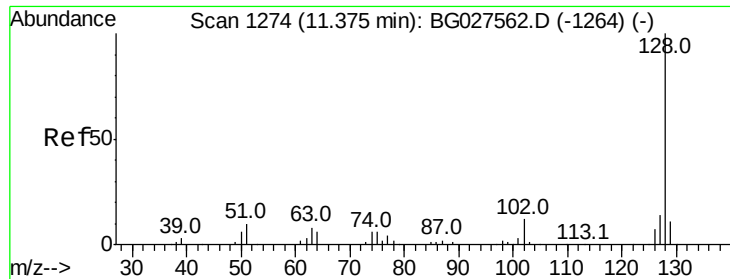
#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Tgt Ion:	82	Resp:	117399
Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.4	39.6
54	57.8	49.4	74.2



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

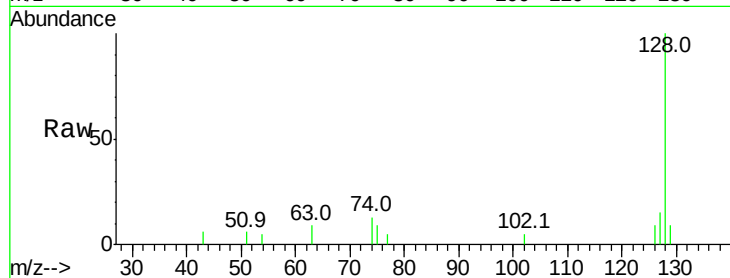




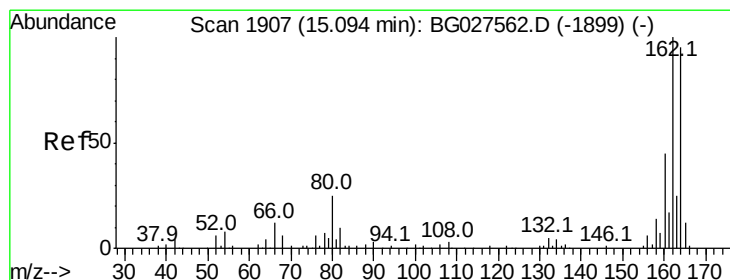
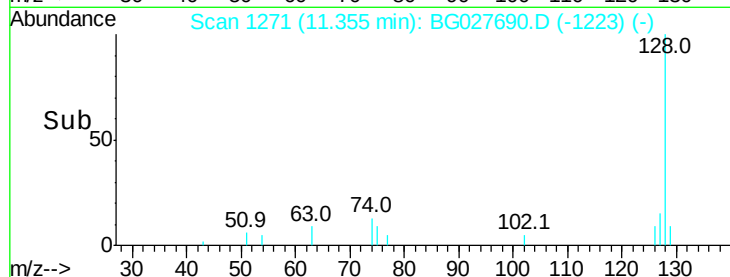
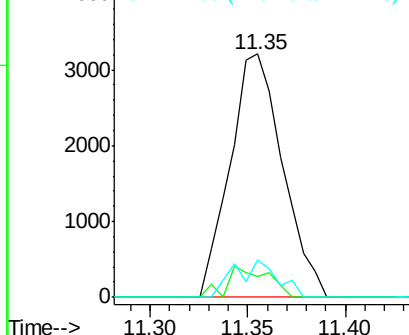
#31
Naphthalene
Concen: 2.06 ng
RT: 11.35 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 5998
Ion Ratio Lower Upper
128 100
129 8.8 9.3 13.9#
127 15.4 11.4 17.0

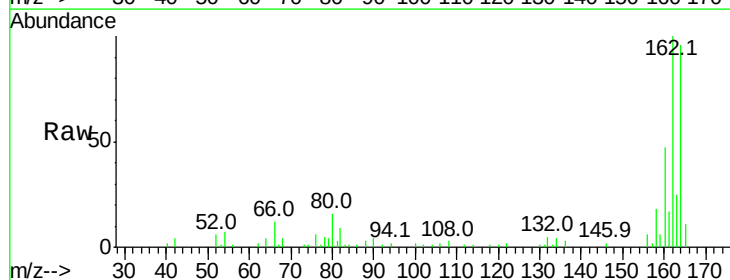


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

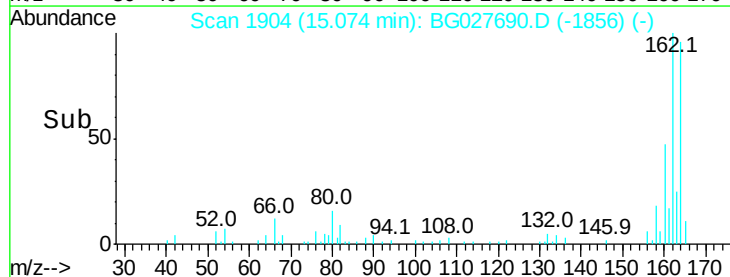
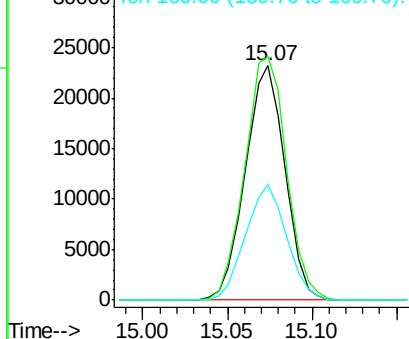


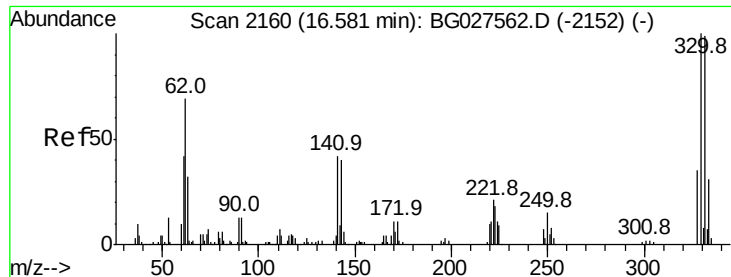
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Tgt Ion:164 Resp: 37667
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 49.2 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

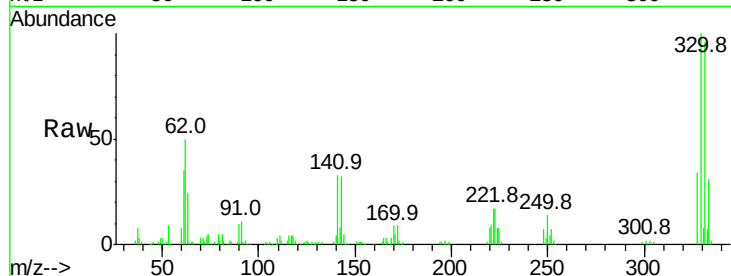




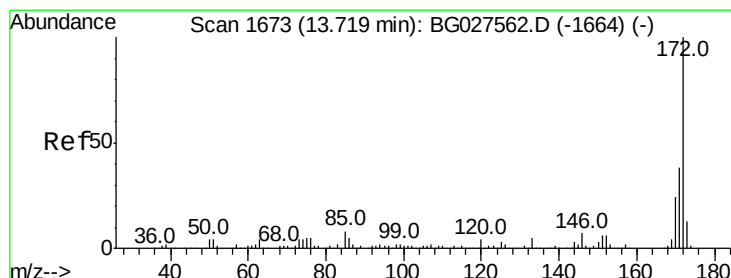
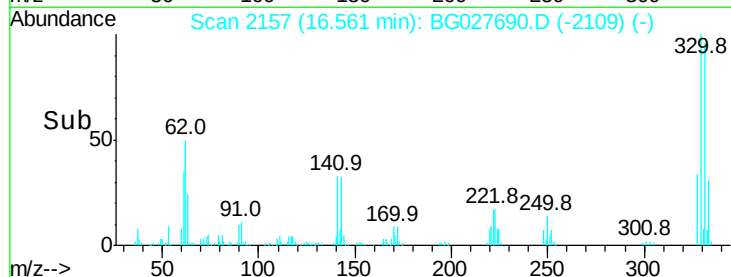
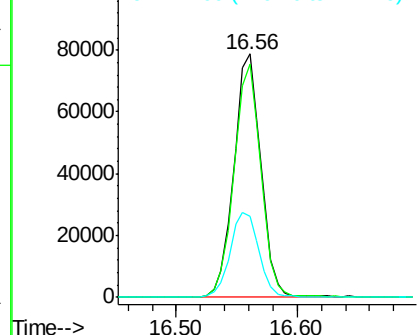
#41
 2,4,6-Tribromophenol
 Concen: 219.12 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	36.9	32.1	48.1

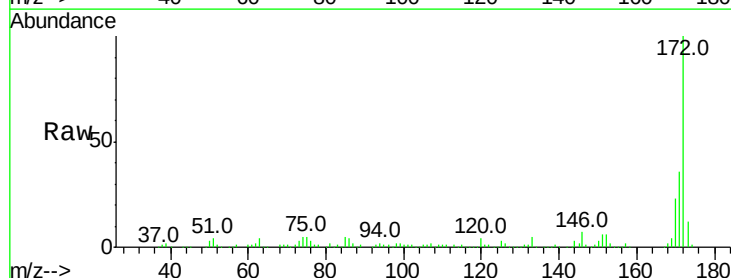


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

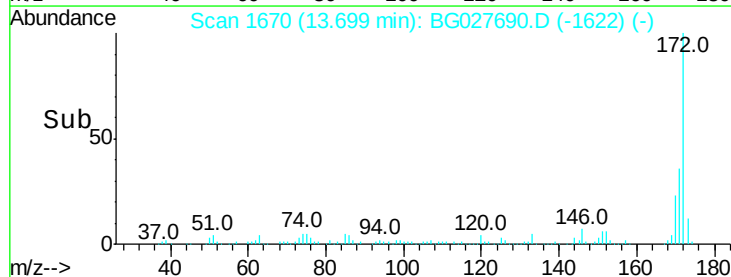
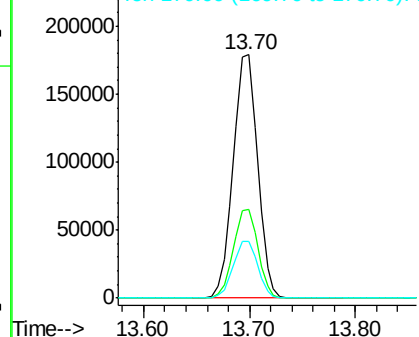


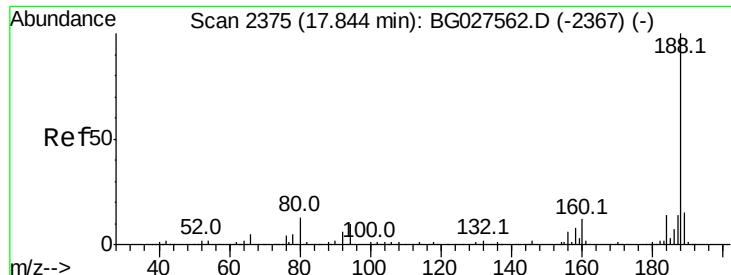
#44
 2-Fluorobiphenyl
 Concen: 103.74 ng
 RT: 13.70 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.4	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

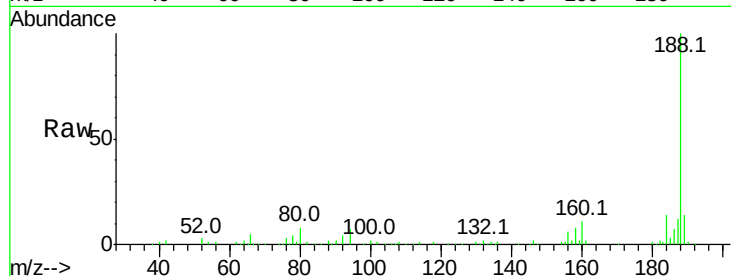




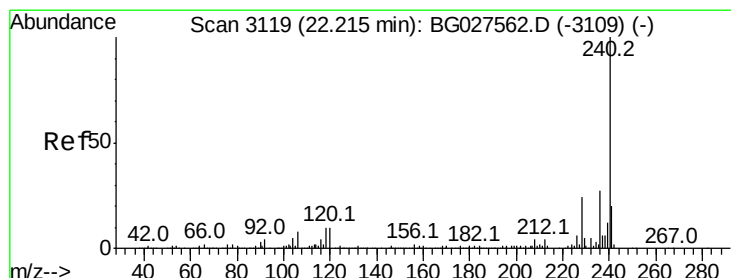
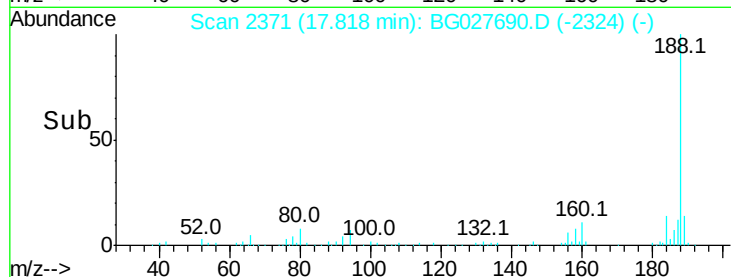
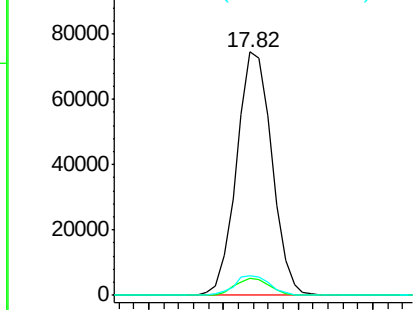
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.03 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	8.2	7.5	11.3

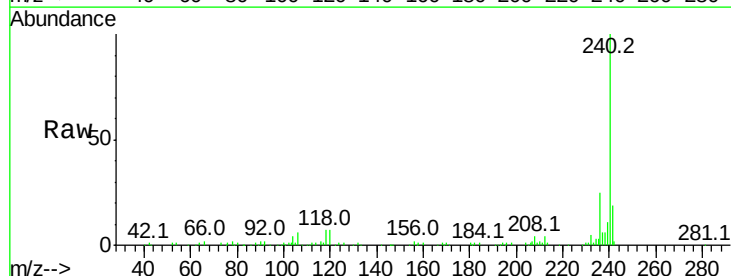


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

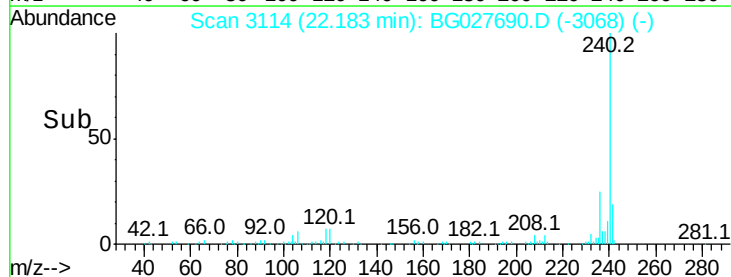
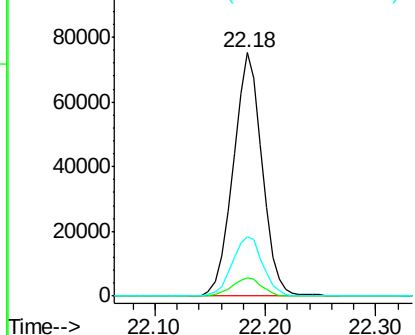


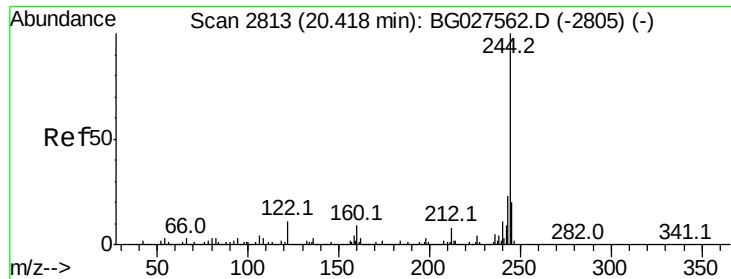
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027690.D
Acq: 27 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	24.5	22.2	33.4



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

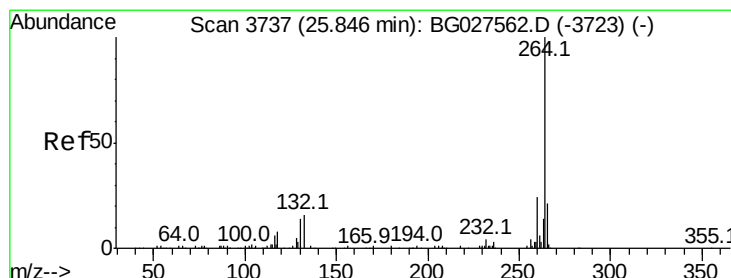
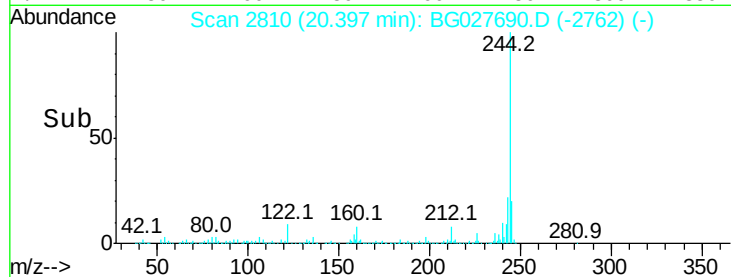
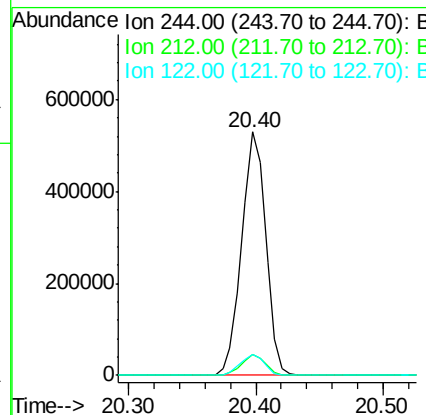
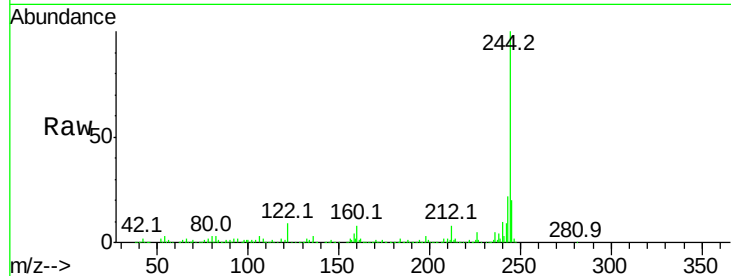




#78
 Terphenyl-d14
 Concen: 118.68 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 694410
 Ion Ratio Lower Upper
 244 100
 212 8.3 10.0 15.0#
 122 8.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG027690.D
 Acq: 27 Jun 2017 1:04

Tgt Ion:264 Resp: 133597
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.8 32.8
 265 19.4 18.2 27.4

