

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090650.D
 Acq On : 19 Oct 2016 16:26
 Operator : UM/SJ
 Sample : H5304-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Quant Time: Oct 19 17:23:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

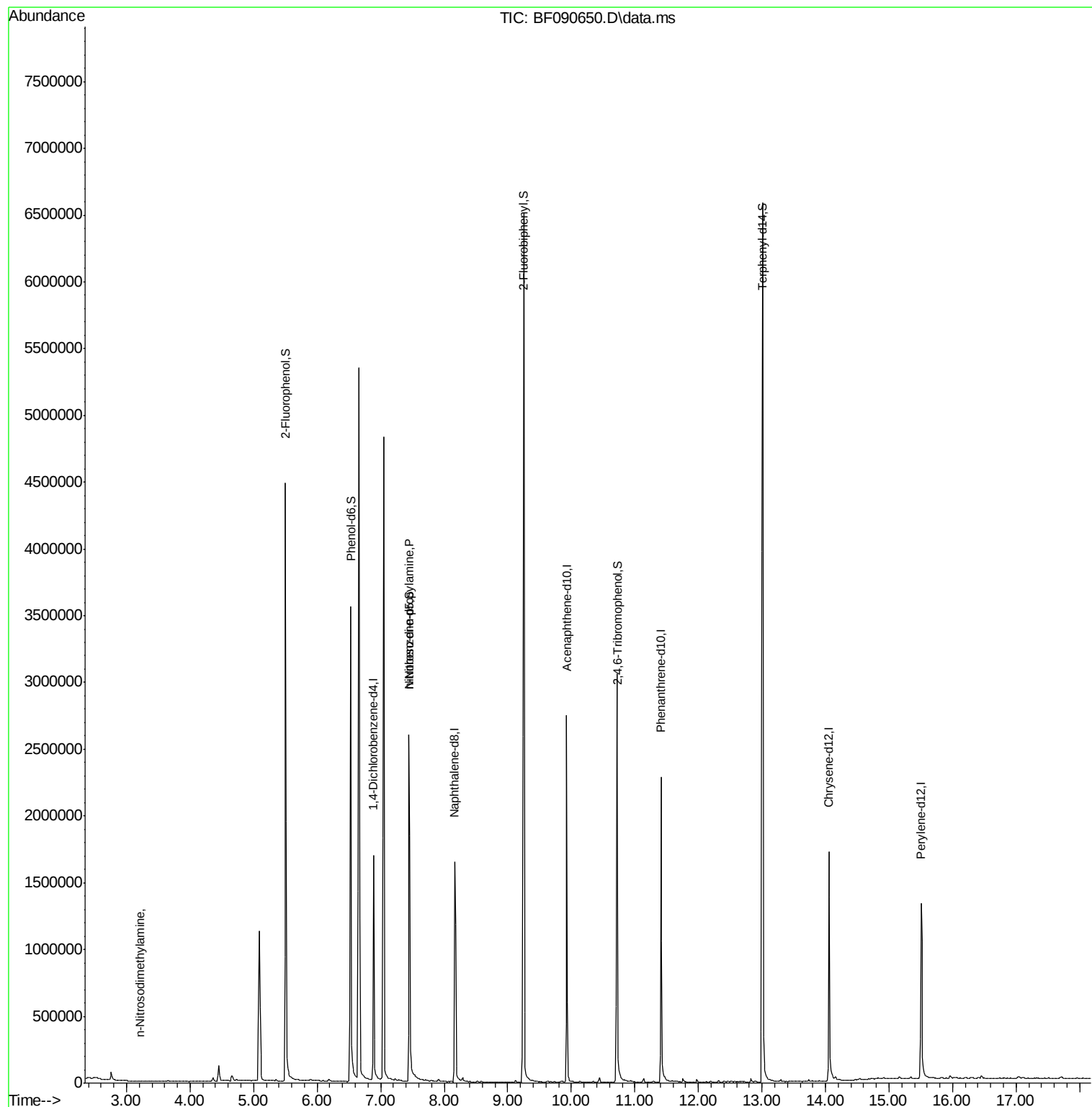
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	260072	20.00	ng	-0.02
21) Naphthalene-d8	8.166	136	1071023	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	598588	20.00	ng	-0.03
63) Phenanthrene-d10	11.412	188	1005155	20.00	ng	-0.03
75) Chrysene-d12	14.052	240	933254	20.00	ng	-0.03
86) Perylene-d12	15.504	264	748788	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1536733	108.32	ng	-0.01
7) Phenol-d6	6.531	99	2111369	100.16	ng	-0.01
23) Nitrobenzene-d5	7.446	82	1390151	72.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.726	330	665762	124.75	ng	-0.02
44) 2-Fluorobiphenyl	9.252	172	2307445	63.52	ng	-0.02
78) Terphenyl-d14	13.012	244	2829935	70.60	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.205	42	473	7.23	ng	# 1
19) n-Nitroso-di-n-propyla...	7.446	70	164785	11.40	ng	# 80

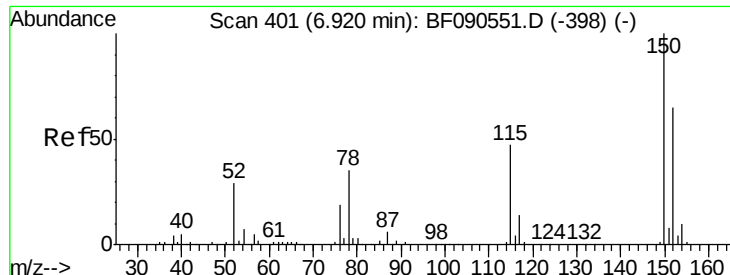
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
Data File : BF090650.D
Acq On : 19 Oct 2016 16:26
Operator : UM/SJ
Sample : H5304-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-TP

Quant Time: Oct 19 17:23:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Instrument :

BNA_F

ClientSampleId :

COMP-TP

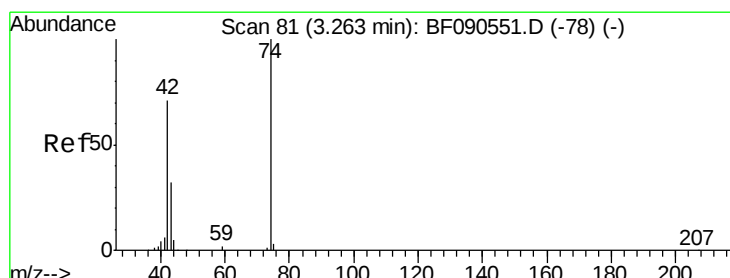
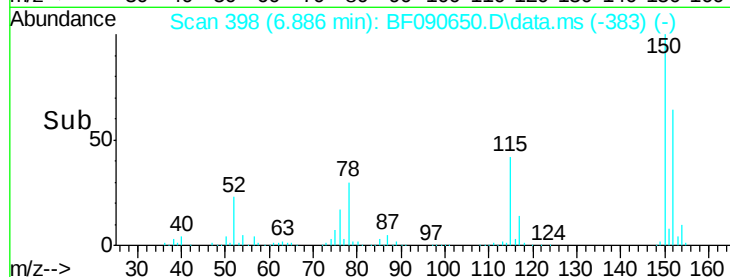
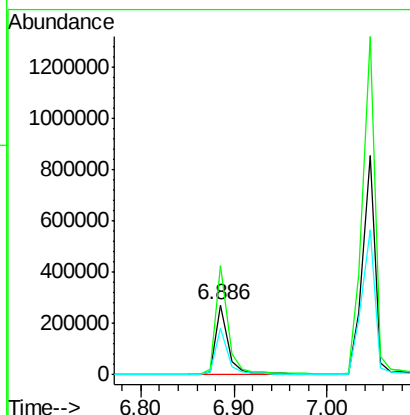
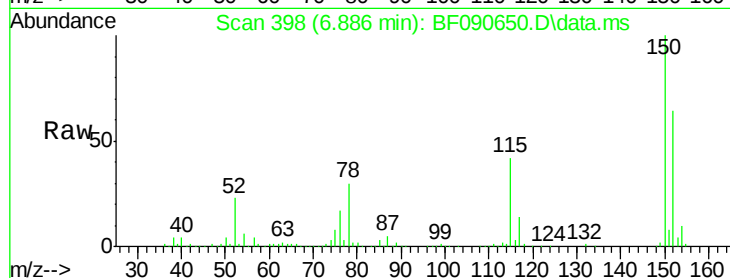
Tot Ion:152 Resp: 260072

Ion Ratio Lower Upper

152 100

150 157.0 127.2 190.8

115 66.6 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.23 ng

RT: 3.205 min Scan# 76

Delta R.T. -0.023 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

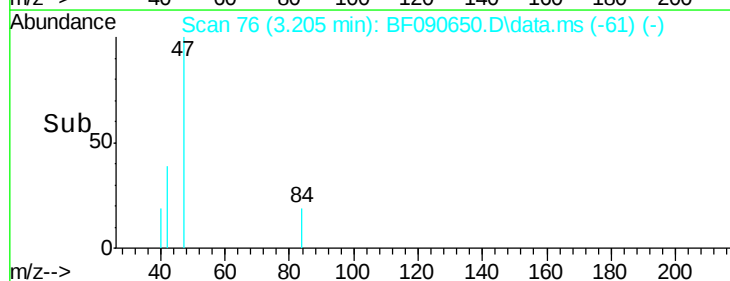
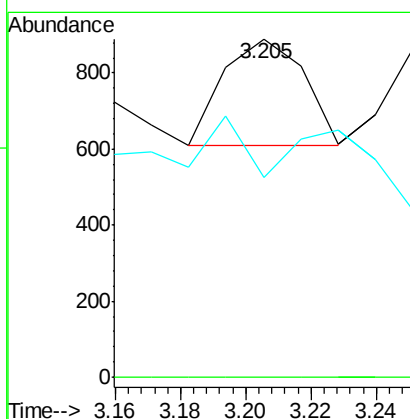
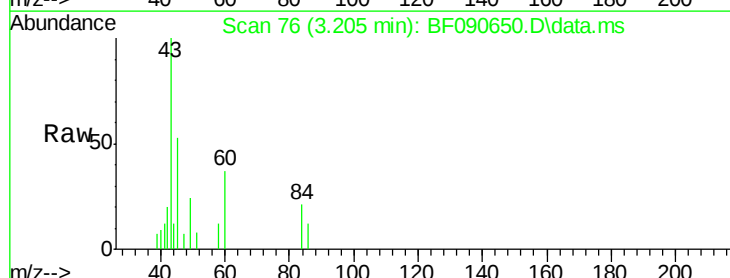
Tgt Ion: 42 Resp: 473

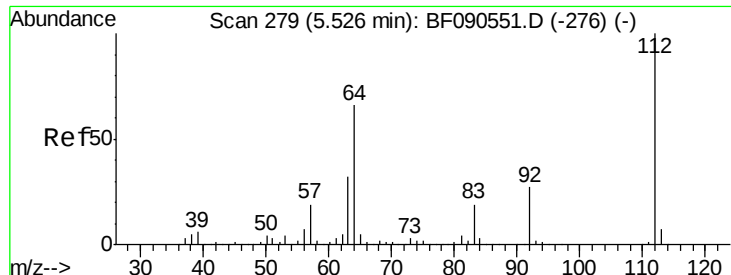
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 58.9 6.0 9.0#

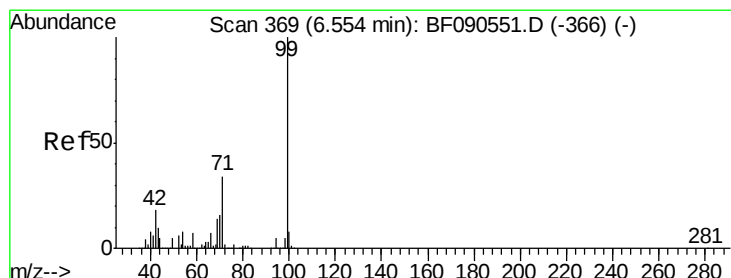
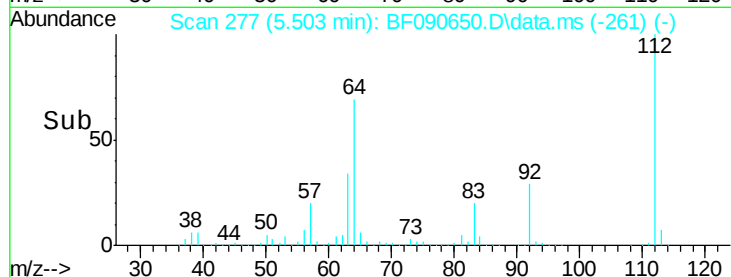
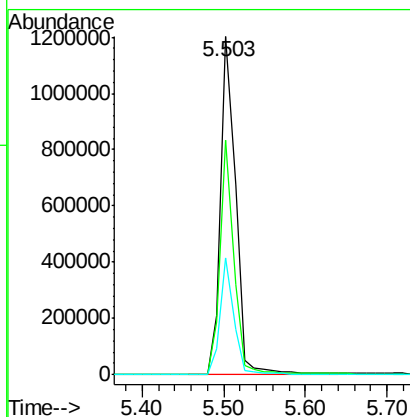
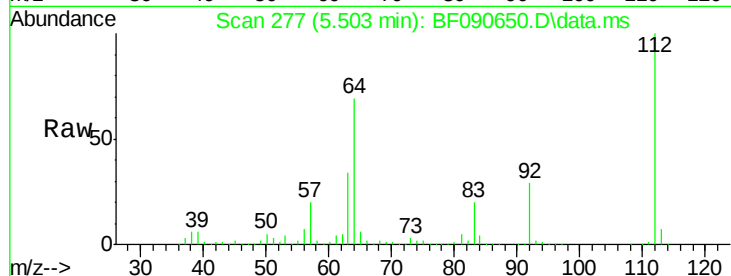




#5
 2-Fluorophenol
 Concen: 108.32 ng
 RT: 5.503 min Scan# 27
 Delta R.T. -0.012 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

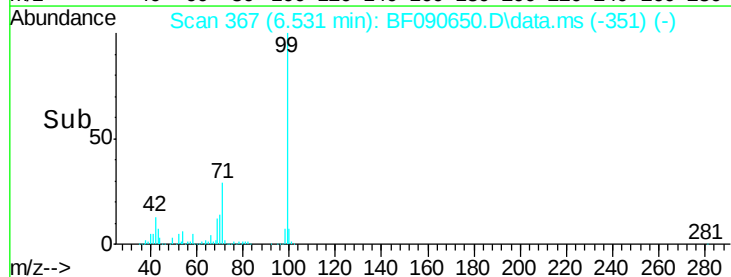
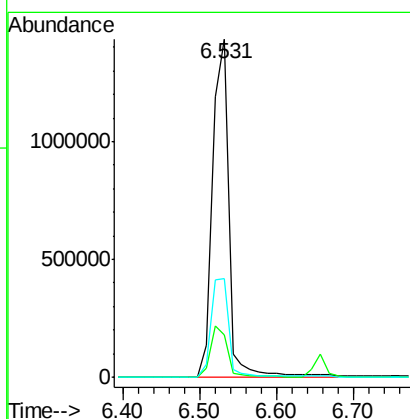
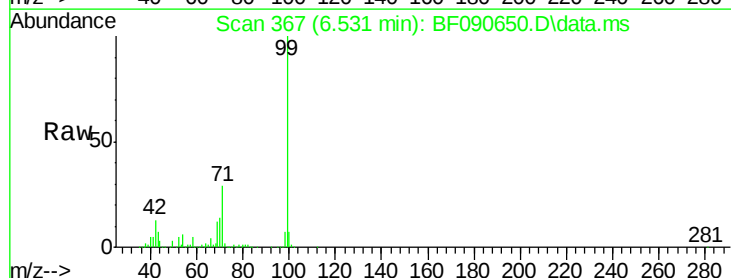
Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

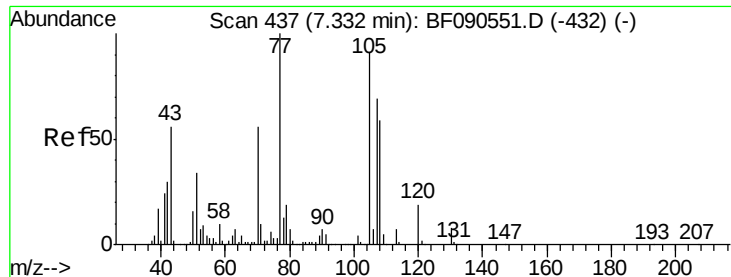
Tot Ion:112 Resp: 1536733
 Ion Ratio Lower Upper
 112 100
 64 69.4 52.6 78.8
 63 34.3 26.0 39.0



#7
 Phenol-d6
 Concen: 100.16 ng
 RT: 6.531 min Scan# 367
 Delta R.T. -0.012 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion: 99 Resp: 2111369
 Ion Ratio Lower Upper
 99 100
 42 12.6 14.7 22.1#
 71 29.1 27.6 41.4





#19

n-Nitroso-di-n-propylamine

Concen: 11.40 ng

RT: 7.446 min Scan# 44

Delta R.T. 0.114 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Instrument :

BNA_F

ClientSampleId :

COMP-TP

Tot Ion: 70 Resp: 164785

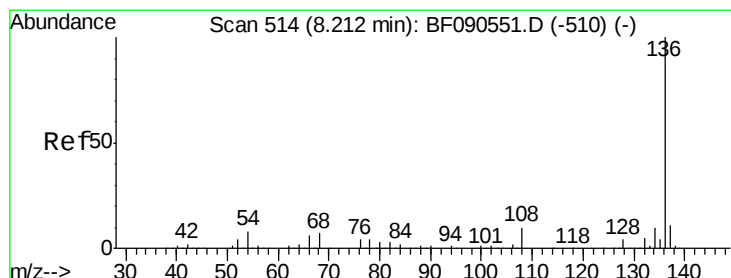
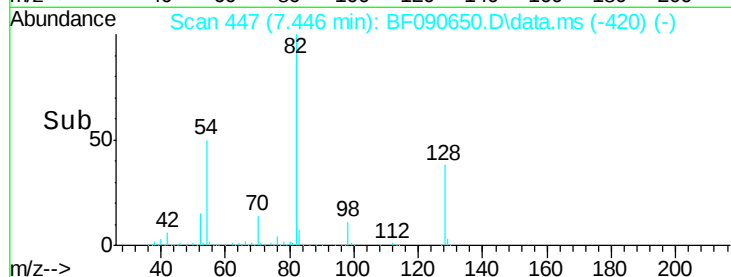
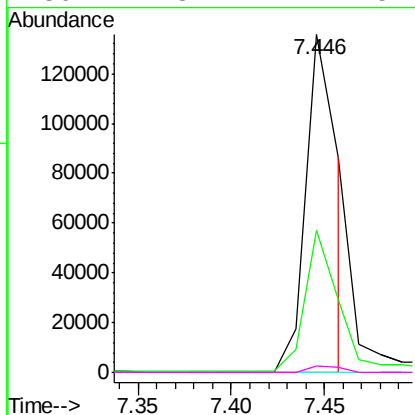
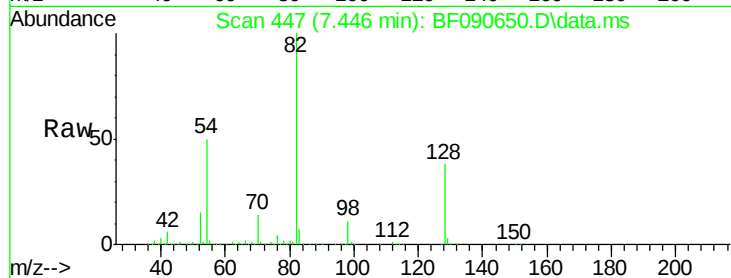
Ion Ratio Lower Upper

70 100

42 42.1 43.4 65.0#

101 0.0 6.4 9.6#

130 1.8 12.1 18.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 510

Delta R.T. -0.035 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Tgt Ion: 136 Resp: 1071023

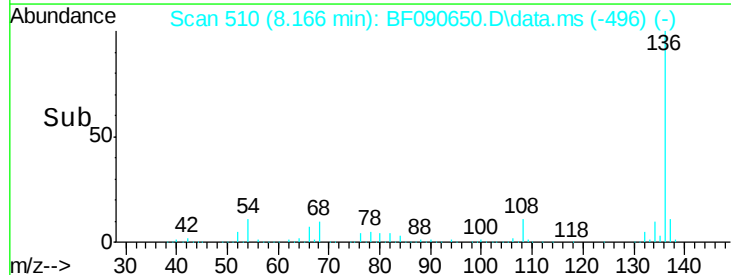
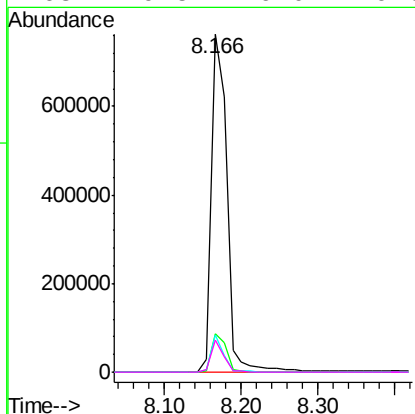
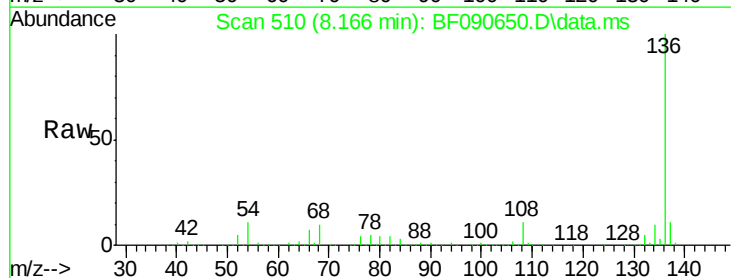
Ion Ratio Lower Upper

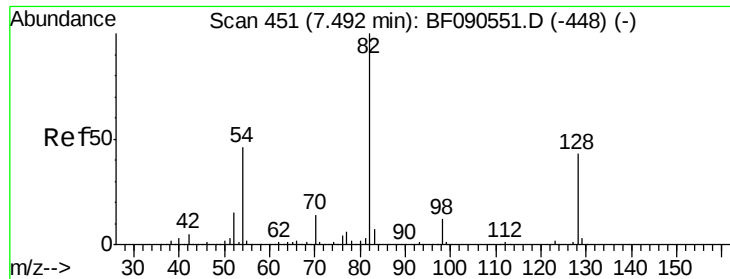
136 100

137 11.4 8.8 13.2

54 10.9 6.8 10.2#

68 9.5 6.0 9.0#

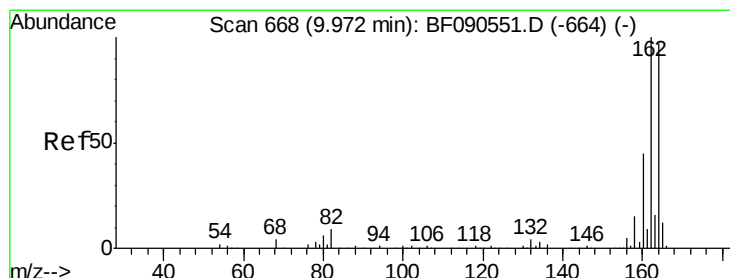
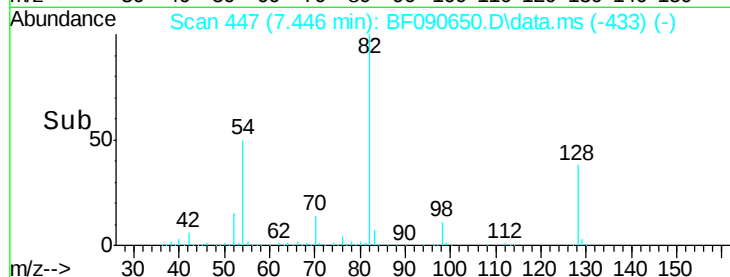
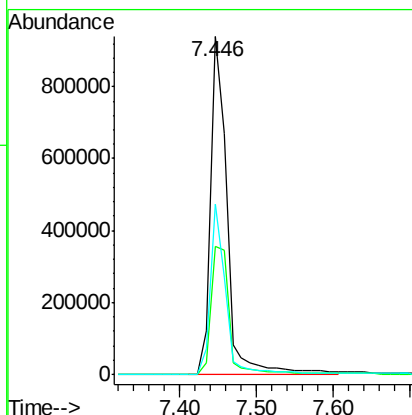
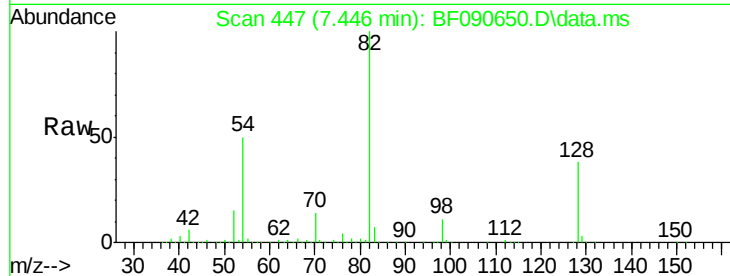




#23
 Nitrobenzene-d5
 Concen: 72.10 ng
 RT: 7.446 min Scan# 44
 Delta R.T. -0.035 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

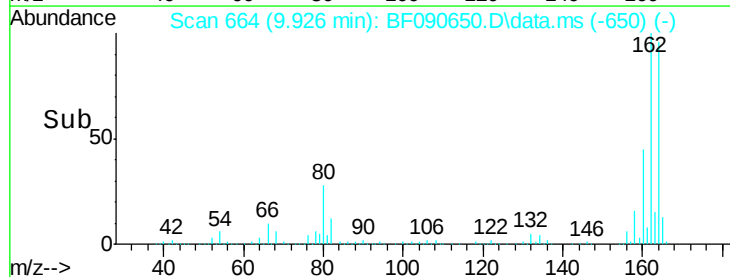
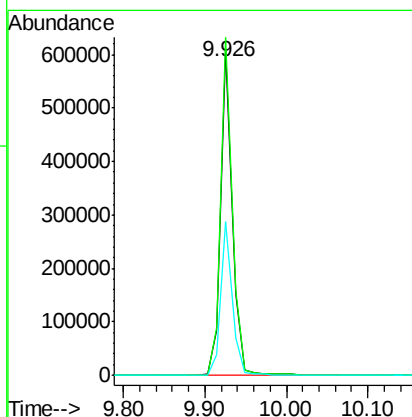
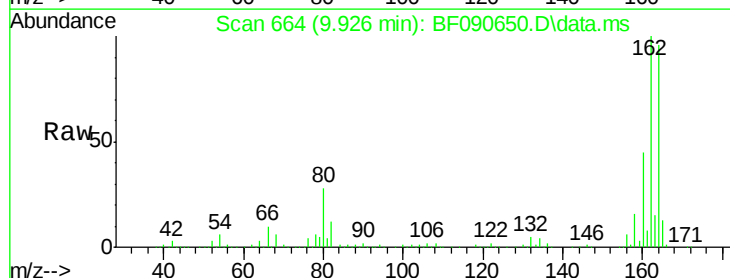
Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

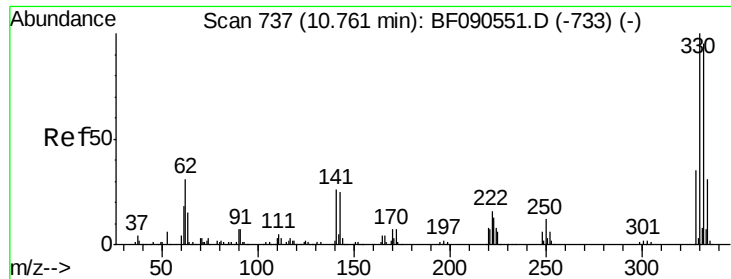
Tot Ion: 82 Resp: 1390151
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.3 51.5
 54 50.2 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.926 min Scan# 664
 Delta R.T. -0.035 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion: 164 Resp: 598588
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.4
 160 47.4 36.6 55.0

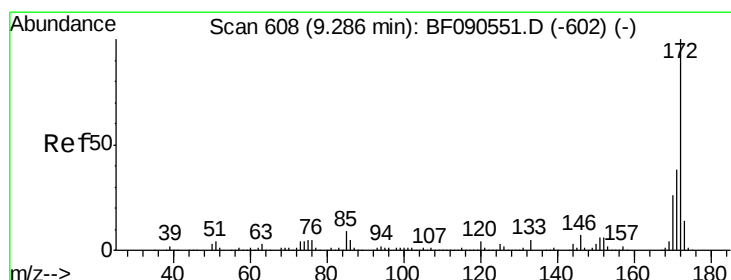
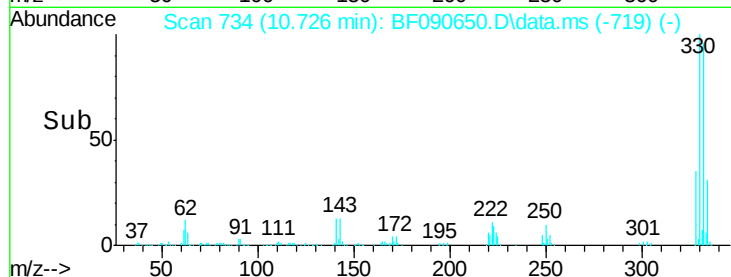
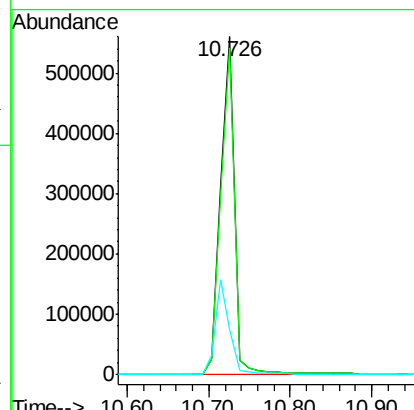
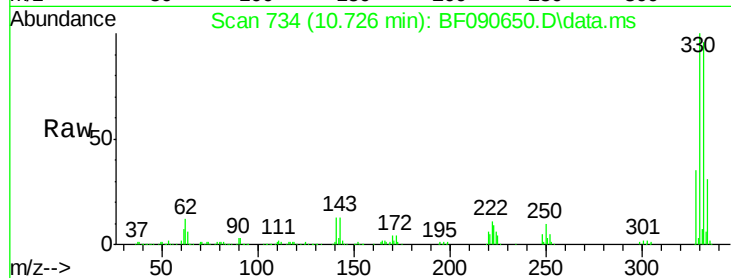




#41
 2,4,6-Tribromophenol
 Concen: 124.75 ng
 RT: 10.726 min Scan# 73
 Delta R.T. -0.023 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

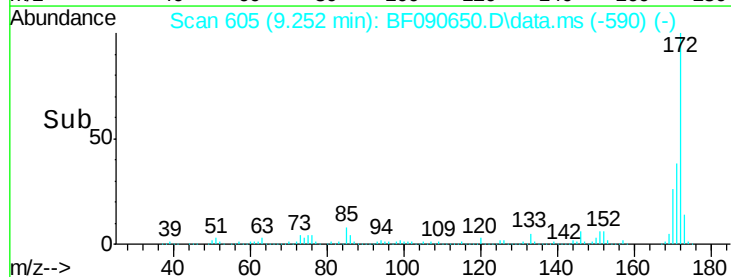
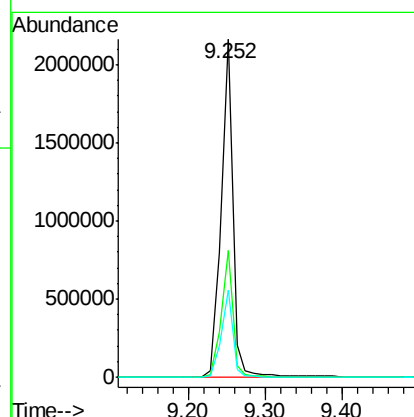
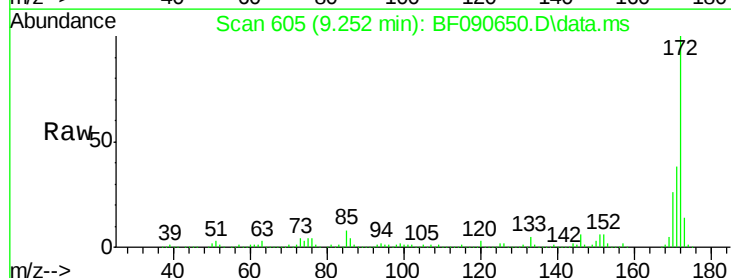
Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

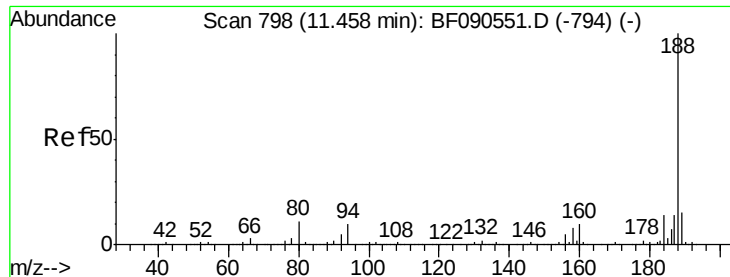
Tot Ion:330 Resp: 665762
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.2
 141 29.9 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 63.52 ng
 RT: 9.252 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion:172 Resp: 2307445
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 25.8 20.6 30.8

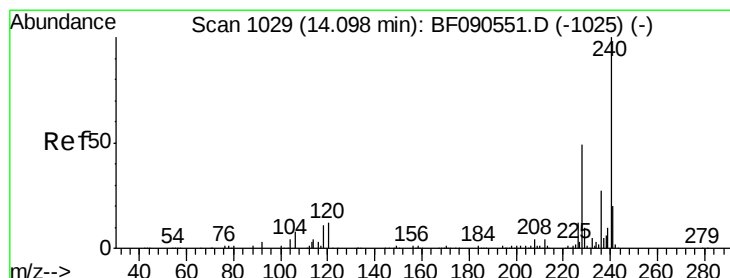
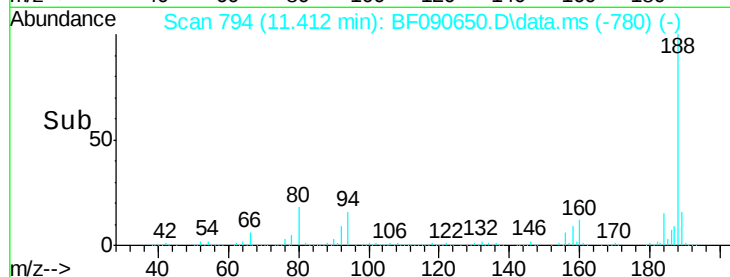
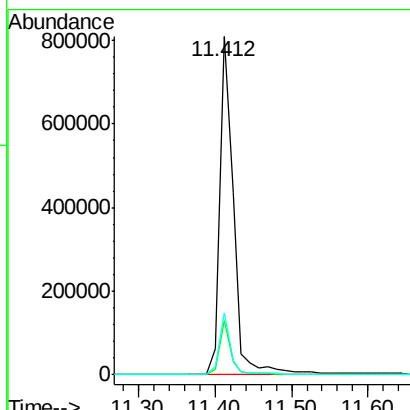
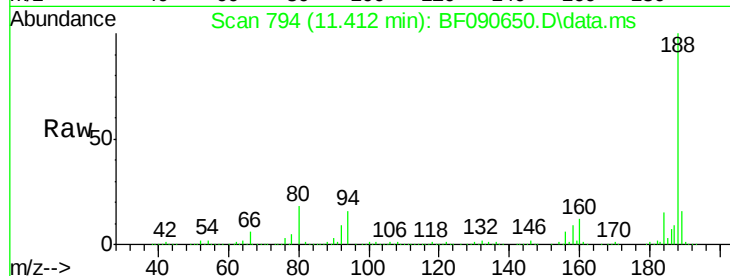




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.412 min Scan# 79
Delta R.T. -0.035 min
Lab File: BF090650.D
Acq: 19 Oct 2016 16:26

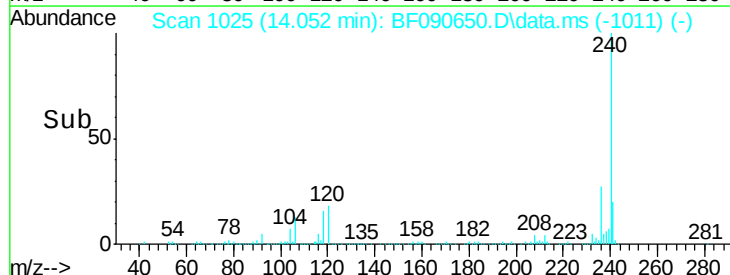
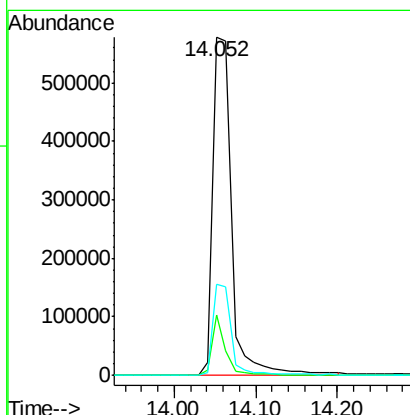
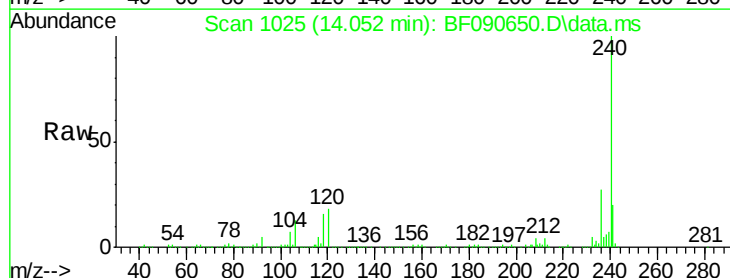
Instrument :
BNA_F
ClientSampleId :
COMP-TP

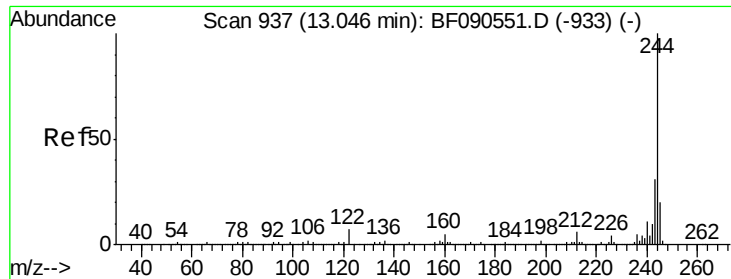
Tot Ion:188 Resp: 1005155
Ion Ratio Lower Upper
188 100
94 15.8 7.7 11.5#
80 18.3 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.052 min Scan# 1025
Delta R.T. -0.035 min
Lab File: BF090650.D
Acq: 19 Oct 2016 16:26

Tgt Ion:240 Resp: 933254
Ion Ratio Lower Upper
240 100
120 17.7 9.8 14.8#
236 26.8 21.7 32.5





#78

Terphenyl-d14

Concen: 70.60 ng

RT: 13.012 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Instrument :

BNA_F

ClientSampleId :

COMP-TP

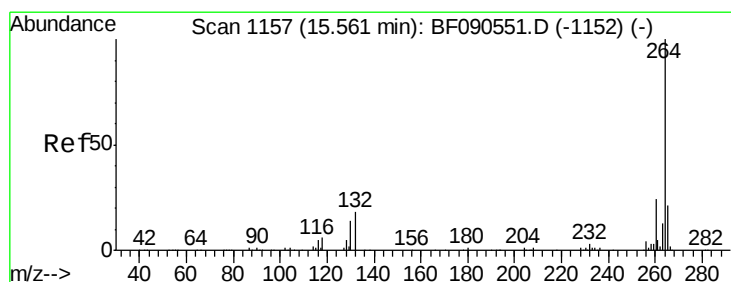
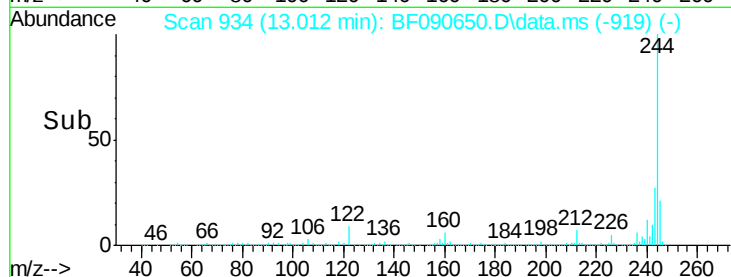
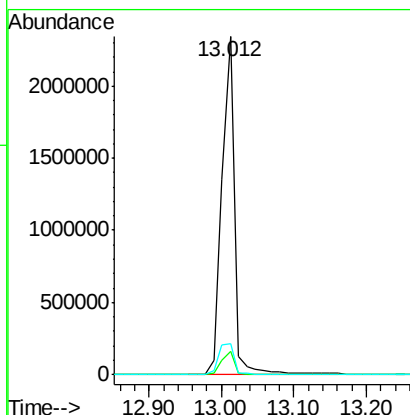
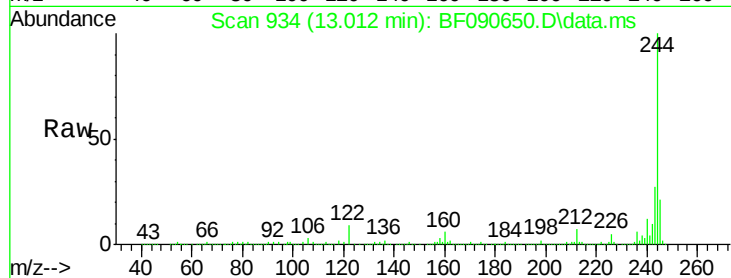
Tot Ion:244 Resp: 2829935

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 9.2 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.504 min Scan# 1152

Delta R.T. -0.035 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Tgt Ion:264 Resp: 748788

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.1 16.7 25.1

