

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
 Data File : BF089353.D
 Acq On : 28 Jul 2016 8:24
 Operator : UM/SJ
 Sample : H4157-26
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-23

Quant Time: Jul 28 11:29:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

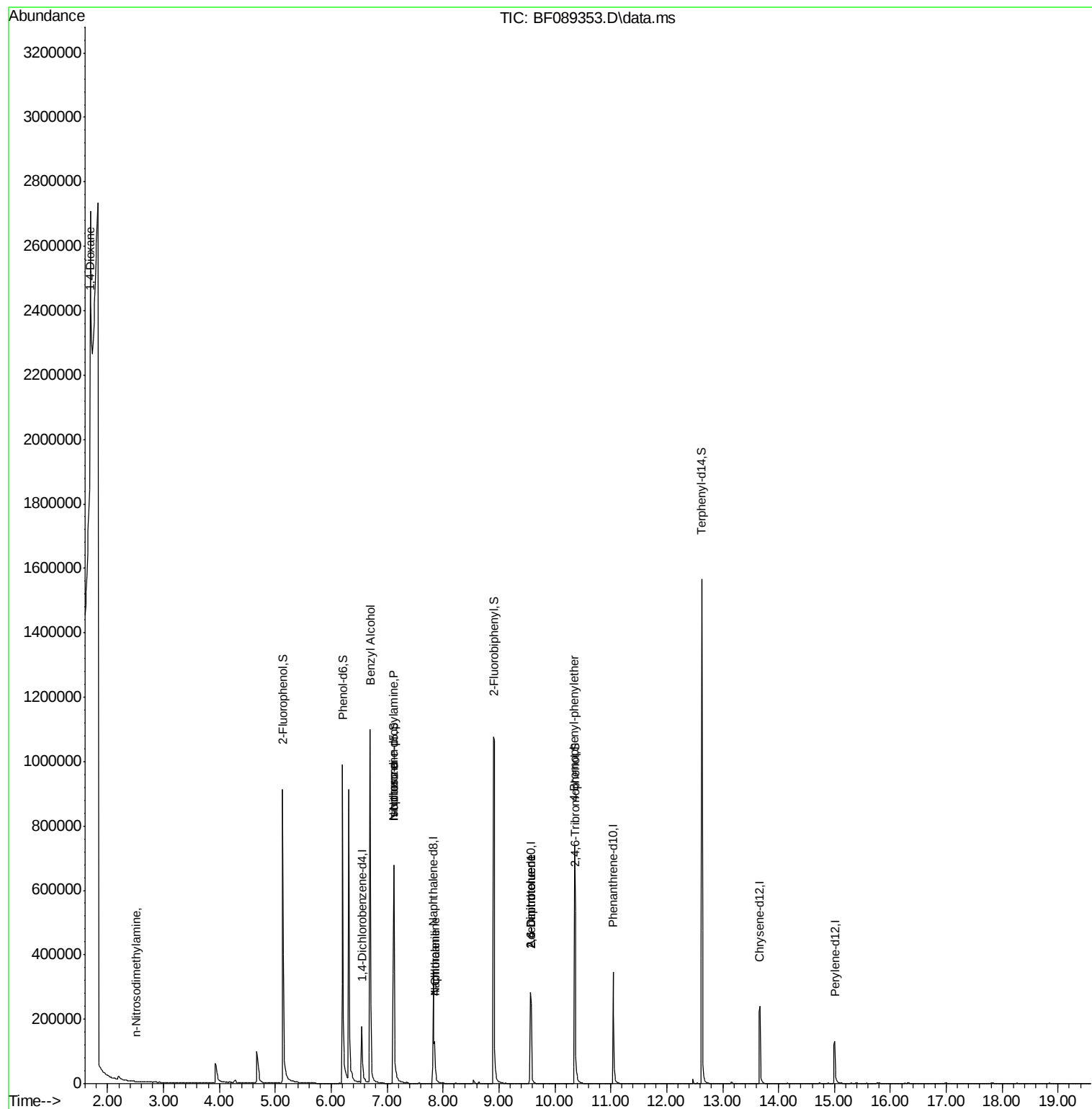
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.547	152	42293	20.00	ng	0.00	
21) Naphthalene-d8	7.828	136	198613	20.00	ng	0.00	
38) Acenaphthene-d10	9.565	164	88877	20.00	ng	-0.01	
63) Phenanthrene-d10	11.039	188	192243	20.00	ng	-0.01	
75) Chrysene-d12	13.668	240	139431	20.00	ng	0.00	
86) Perylene-d12	15.005	264	76534	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	353227	133.36	ng	0.02	
7) Phenol-d6	6.205	99	462645	132.17	ng	0.00	
23) Nitrobenzene-d5	7.119	82	346732	103.05	ng	0.00	
41) 2,4,6-Tribromophenol	10.365	330	119312	162.09	ng	0.00	
44) 2-Fluorobiphenyl	8.913	172	619438	102.28	ng	0.00	
78) Terphenyl-d14	12.628	244	558787	93.80	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	1.690	88	41971	34.49	ng	#	26
4) n-Nitrosodimethylamine	2.513	42	232	7.91	ng	#	1
15) Benzyl Alcohol	6.696	79	5375	2.47	ng	#	49
19) n-Nitroso-di-n-propyla...	7.119	70	45570	21.59	ng	#	78
25) Isophorone	7.119	82	255948	37.76	ng	#	67
31) Naphthalene	7.850	128	78910	8.02	ng		99
33) 4-Chloroaniline	7.850	127	9314	2.49	ng	#	34
50) 2,6-Dinitrotoluene	9.565	165	10768	7.75	ng	#	24
56) 2,4-Dinitrotoluene	9.565	165	10768	5.89	ng	#	7
66) 4-Bromophenyl-phenylether	10.354	248	8515	4.64	ng	#	1

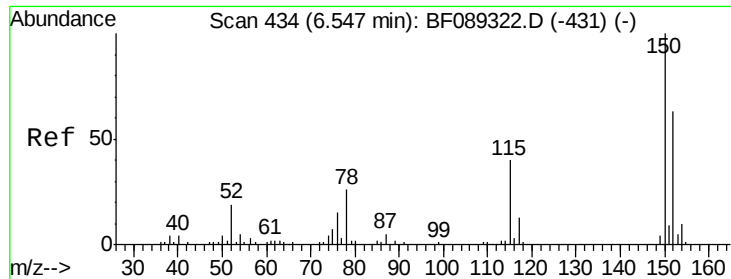
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
Data File : BF089353.D
Acq On : 28 Jul 2016 8:24
Operator : UM/SJ
Sample : H4157-26
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-23

Quant Time: Jul 28 11:29:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampled :

I-23

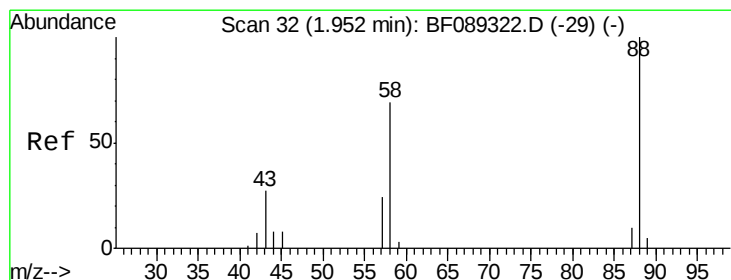
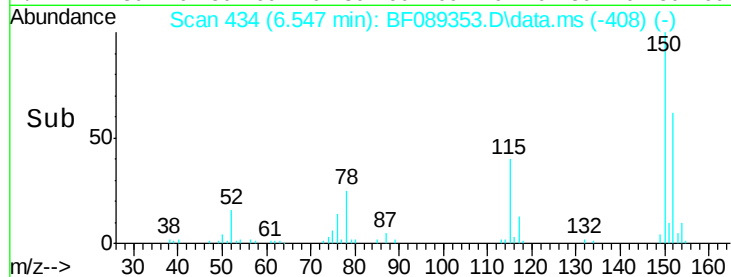
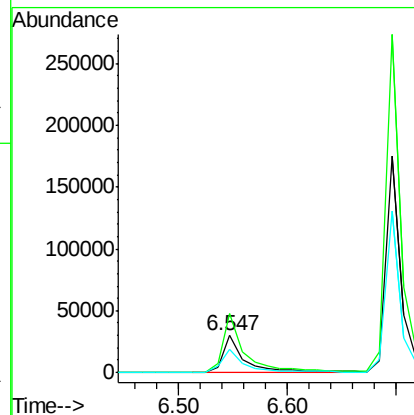
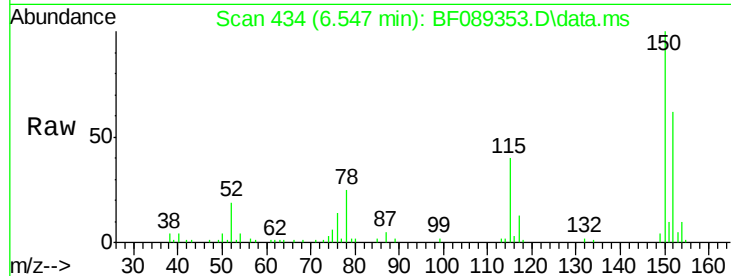
Tot Ion:152 Resp: 42293

Ion Ratio Lower Upper

152 100

150 161.4 129.5 194.3

115 64.3 51.4 77.2



#2

1,4-Dioxane

Concen: 34.49 ng

RT: 1.690 min Scan# 9

Delta R.T. -0.262 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

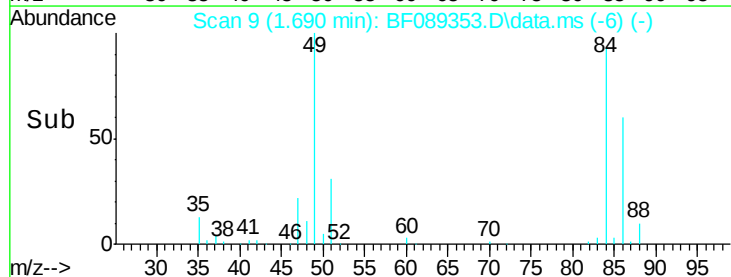
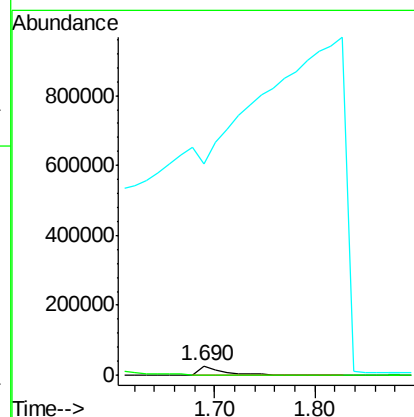
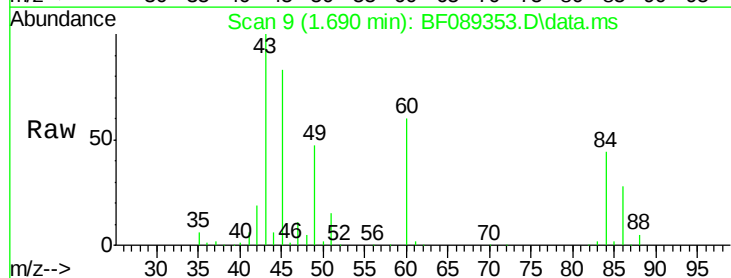
Tgt Ion: 88 Resp: 41971

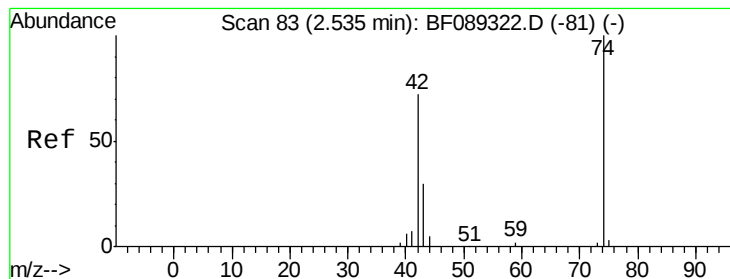
Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

43 0.0 20.6 31.0#





#4

n-Nitrosodimethylamine

Concen: 7.91 ng

RT: 2.513 min Scan# 81

Delta R.T. -0.022 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

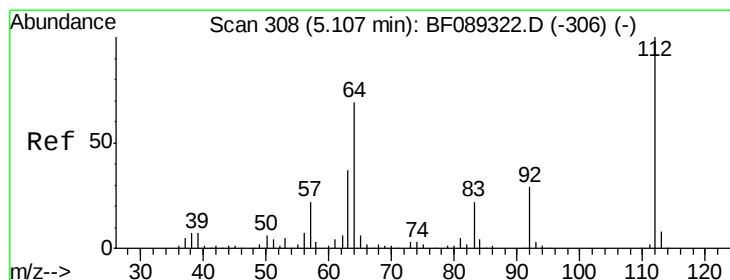
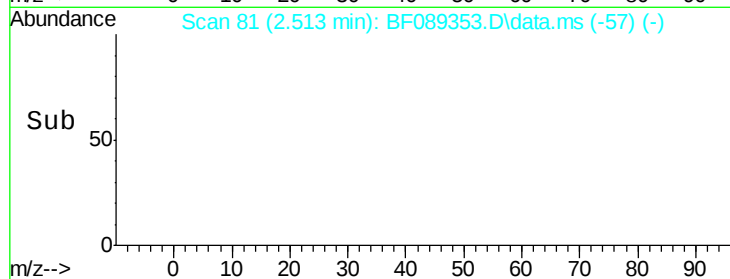
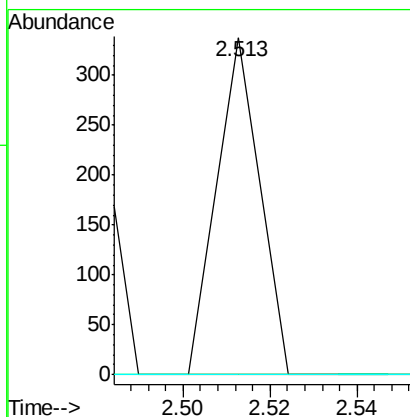
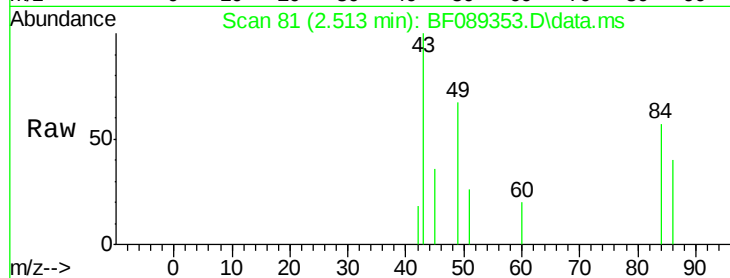
Tot Ion: 42 Resp: 232

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 133.36 ng

RT: 5.130 min Scan# 310

Delta R.T. 0.023 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

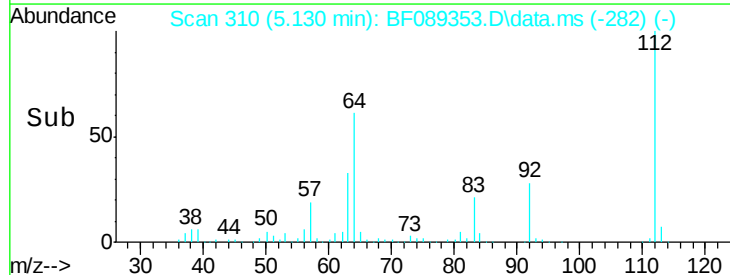
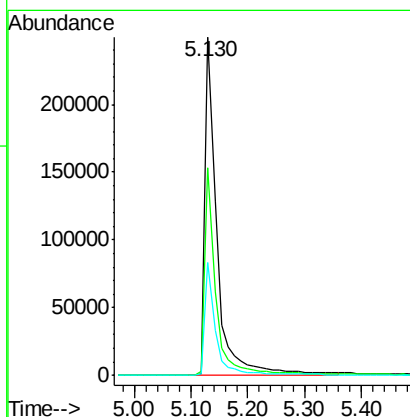
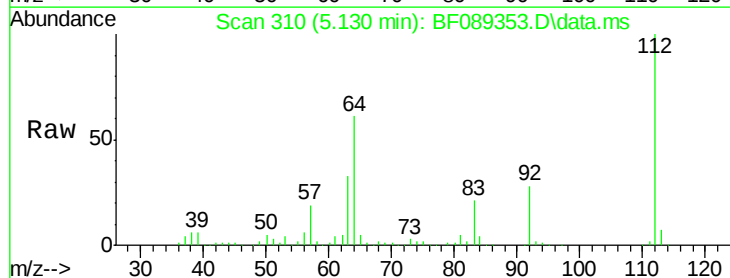
Tgt Ion: 112 Resp: 353227

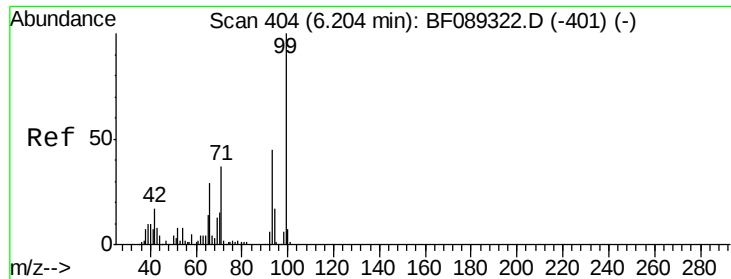
Ion Ratio Lower Upper

112 100

64 61.4 55.0 82.6

63 33.5 29.4 44.2





#7

Phenol-d6

Concen: 132.17 ng

RT: 6.205 min Scan# 404

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

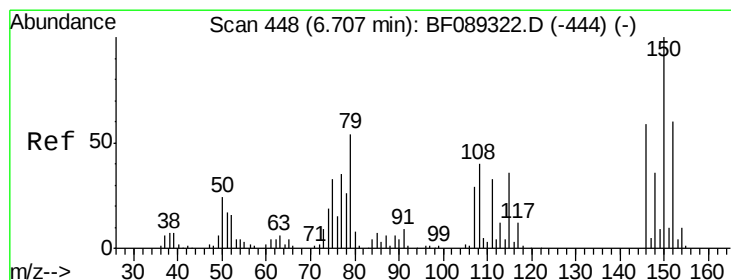
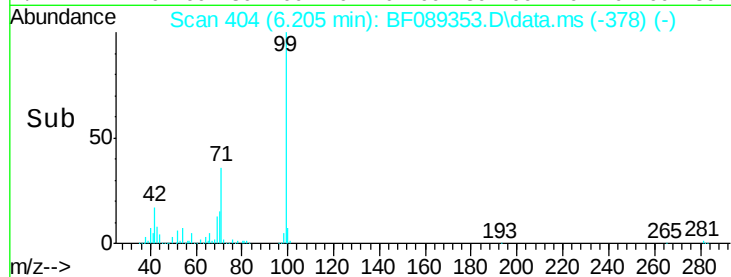
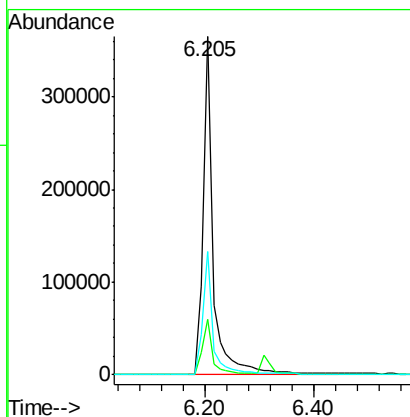
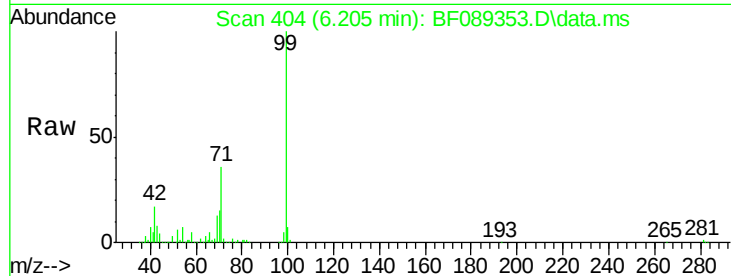
Tot Ion: 99 Resp: 462645

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 36.3 29.4 44.2



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.696 min Scan# 447

Delta R.T. -0.011 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

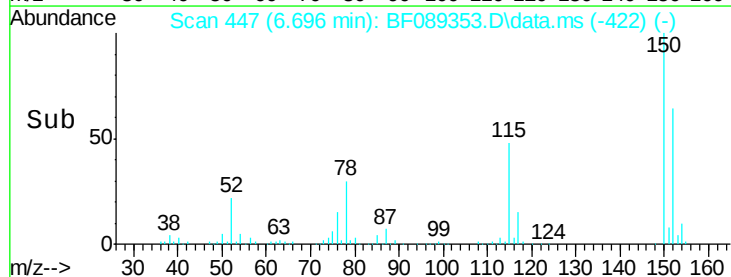
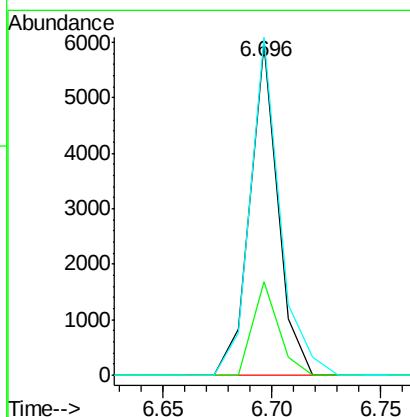
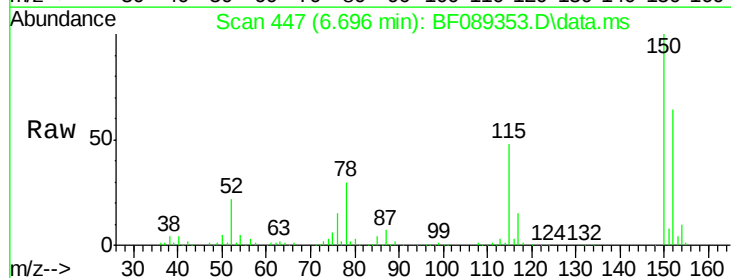
Tgt Ion: 79 Resp: 5375

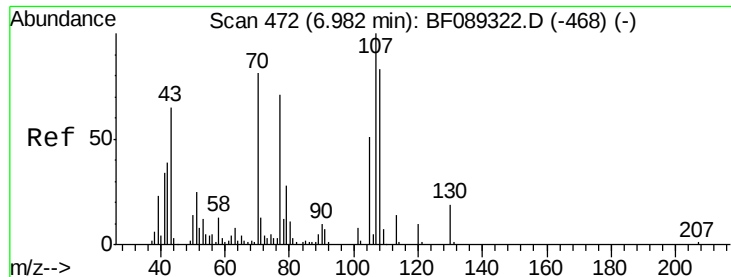
Ion Ratio Lower Upper

79 100

108 28.3 59.8 89.6#

77 102.0 51.7 77.5#

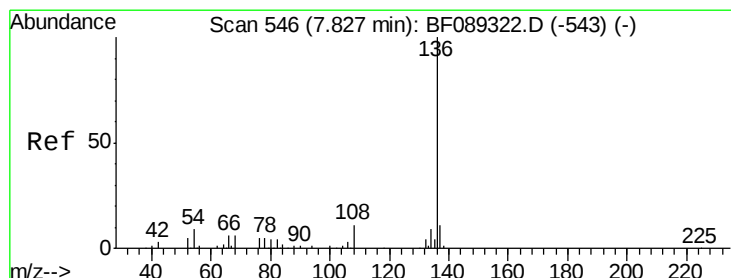
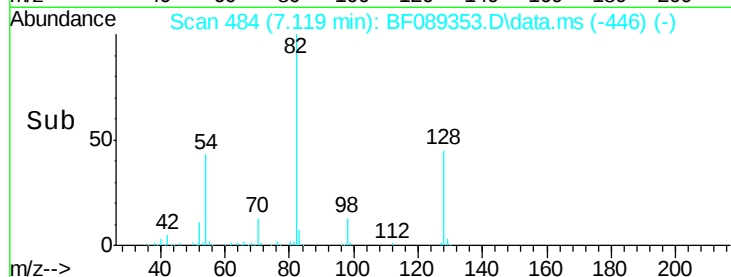
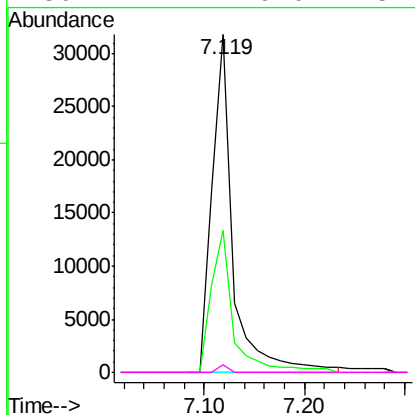
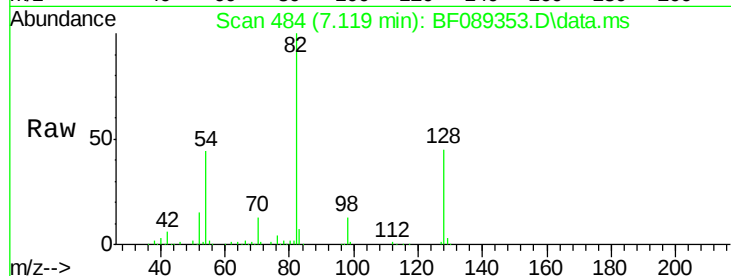




#19
n-Nitroso-di-n-propylamine
Concen: 21.59 ng
RT: 7.119 min Scan# 48
Delta R.T. 0.137 min
Lab File: BF089353.D
Acq: 28 Jul 2016 8:24

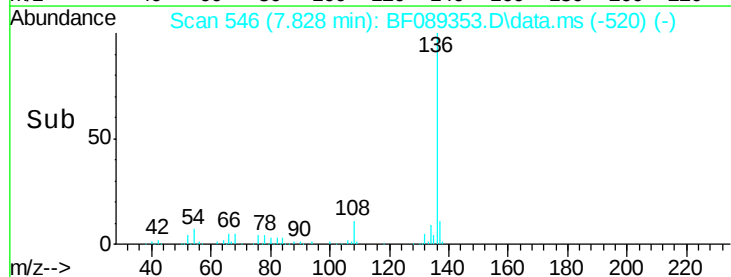
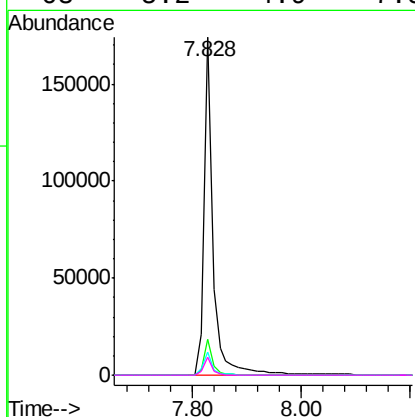
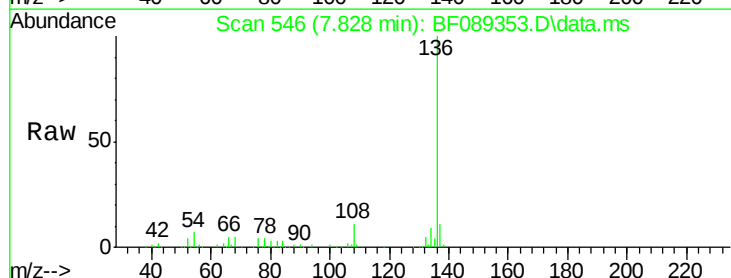
Instrument :
BNA_F
ClientSampleId :
I-23

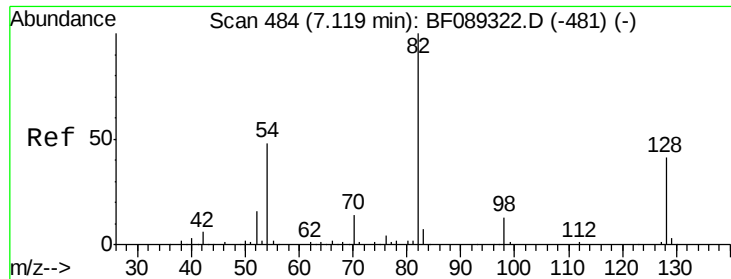
Tot Ion: 70 Resp: 45570
Ion Ratio Lower Upper
70 100
42 41.9 38.6 57.8
101 0.0 8.3 12.5#
130 2.2 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.828 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF089353.D
Acq: 28 Jul 2016 8:24

Tgt Ion: 136 Resp: 198613
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.9 7.0 10.4#
68 5.2 4.9 7.3

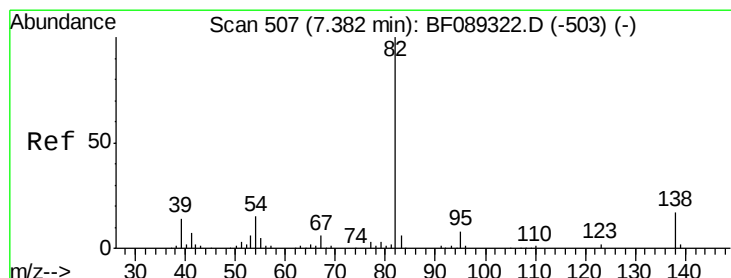
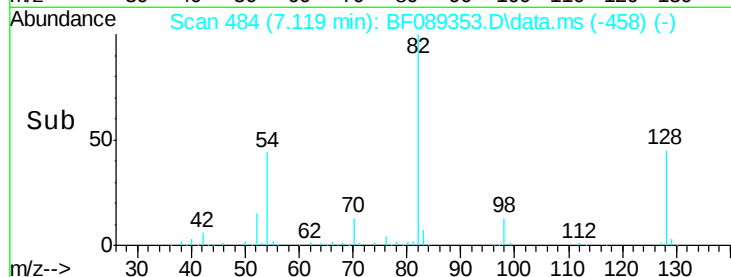
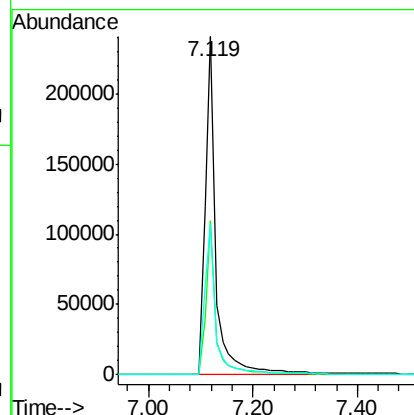
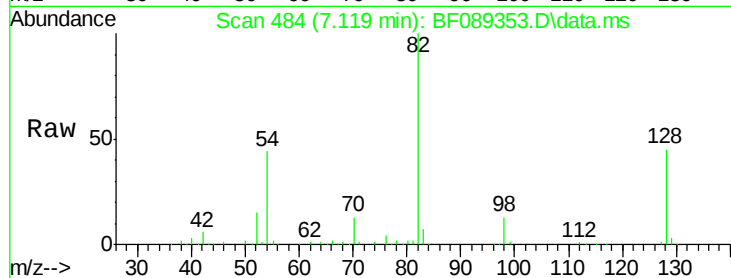




#23
 Nitrobenzene-d5
 Concen: 103.05 ng
 RT: 7.119 min Scan# 481
 Delta R.T. 0.000 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

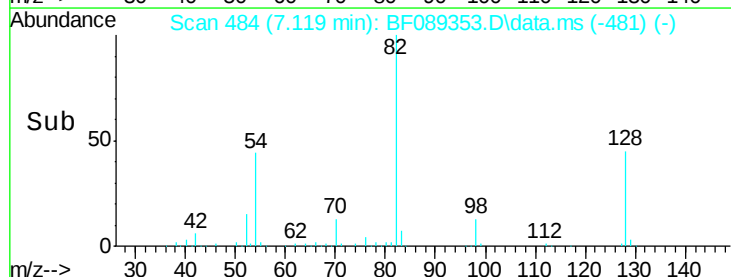
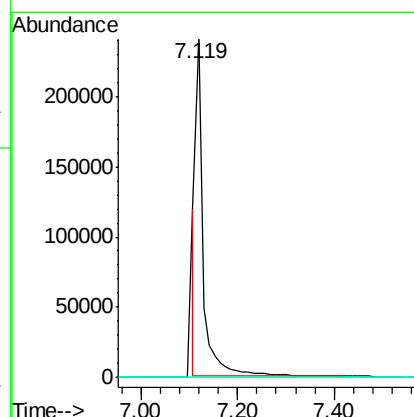
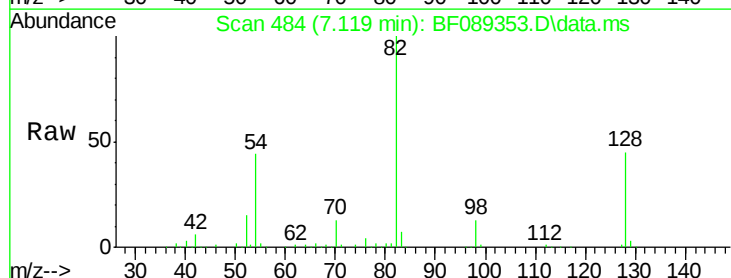
Instrument :
 BNA_F
 ClientSampleId :
 I-23

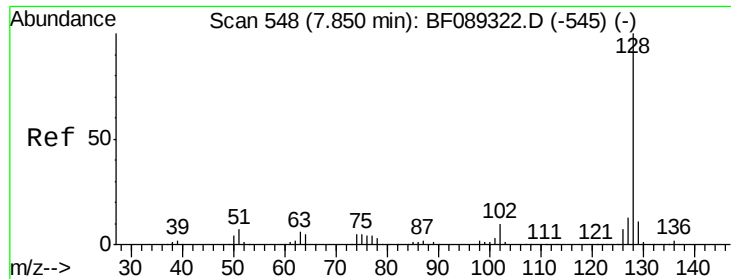
Tot Ion	82	Resp	346732
Ion Ratio	Lower	Upper	
82	100		
128	45.5	32.5	48.7
54	44.2	38.8	58.2



#25
 Isophorone
 Concen: 37.76 ng
 RT: 7.119 min Scan# 484
 Delta R.T. -0.263 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

Tgt Ion	82	Resp	255948
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#





#31

Naphthalene

Concen: 8.02 ng

RT: 7.850 min Scan# 54

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

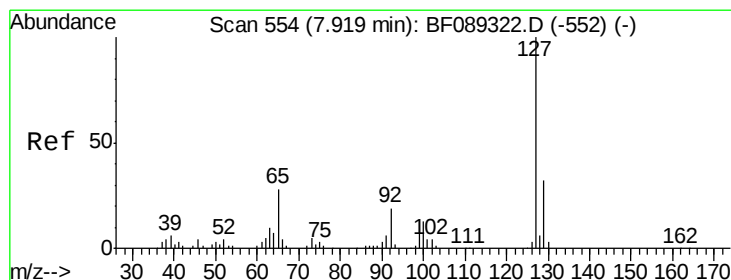
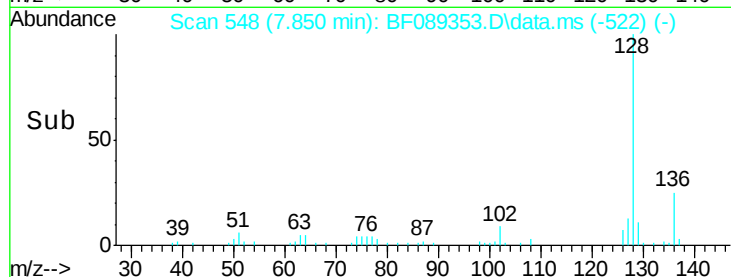
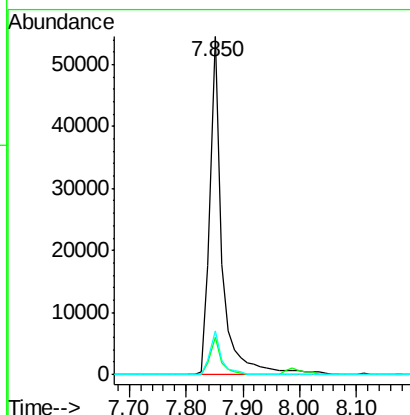
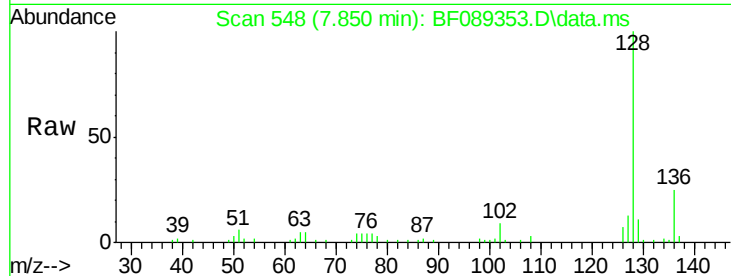
Tot Ion:128 Resp: 78910

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.0 10.8 16.2



#33

4-Chloroaniline

Concen: 2.49 ng

RT: 7.850 min Scan# 548

Delta R.T. -0.068 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Tgt Ion:127 Resp: 9314

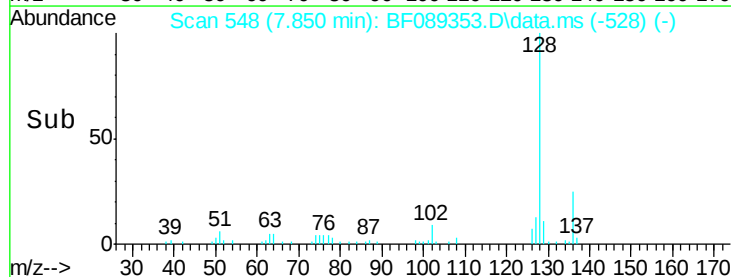
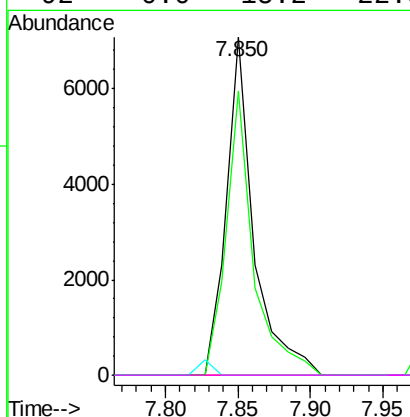
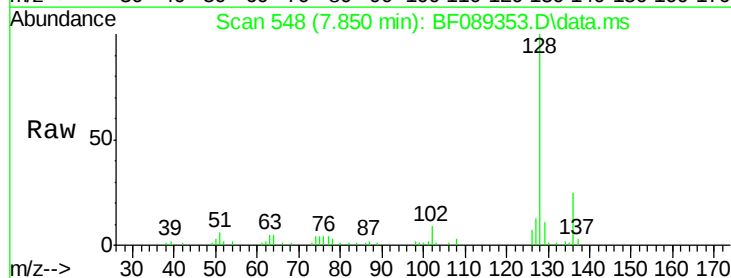
Ion Ratio Lower Upper

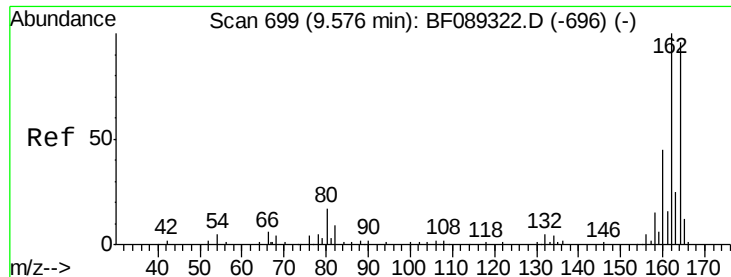
127 100

129 83.9 26.1 39.1#

65 0.0 22.0 33.0#

92 0.0 15.2 22.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.565 min Scan# 69

Delta R.T. -0.011 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

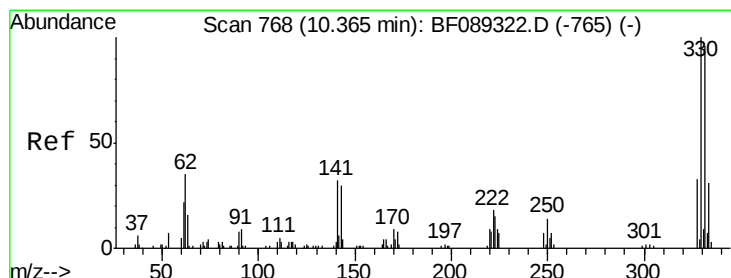
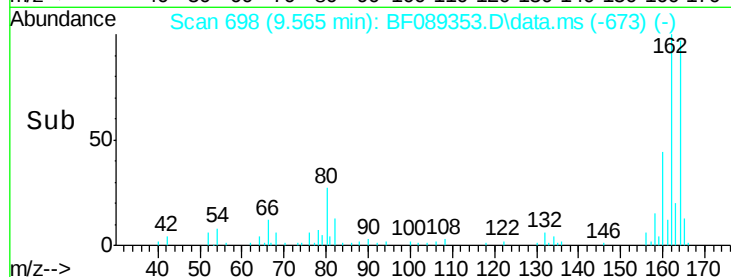
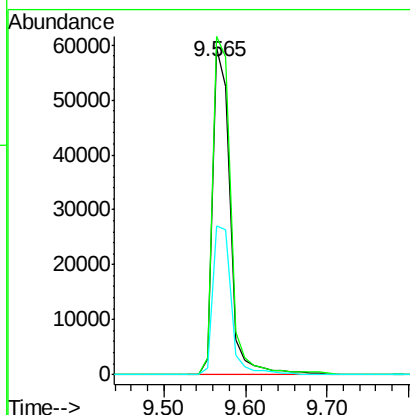
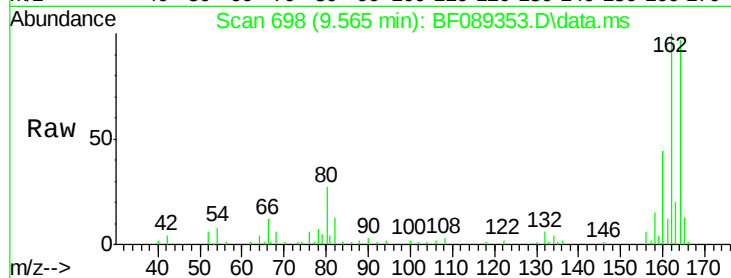
Tot Ion:164 Resp: 88877

Ion Ratio Lower Upper

164 100

162 103.5 83.7 125.5

160 45.5 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 162.09 ng

RT: 10.365 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

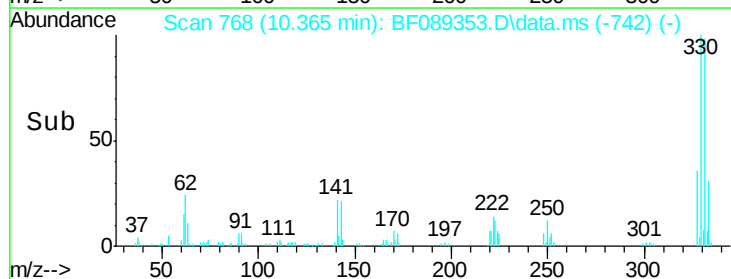
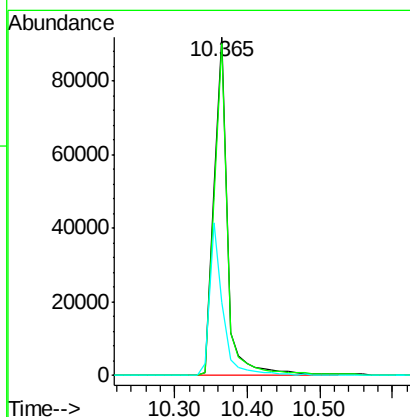
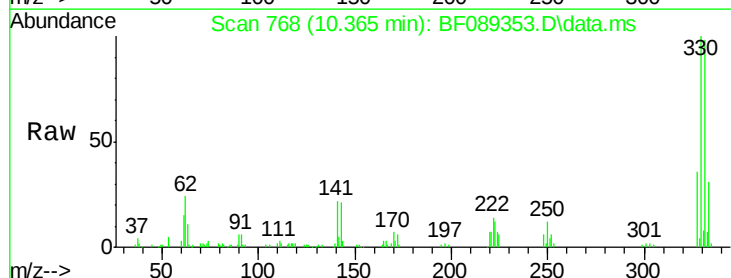
Tgt Ion:330 Resp: 119312

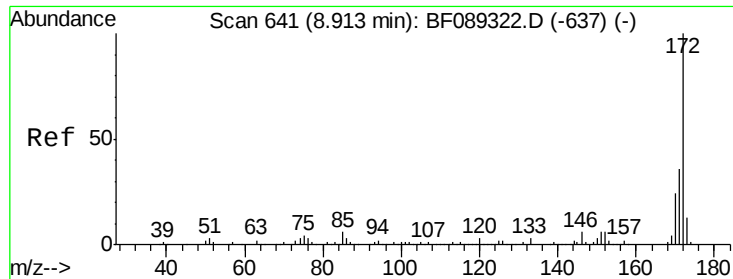
Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 43.7 37.3 55.9

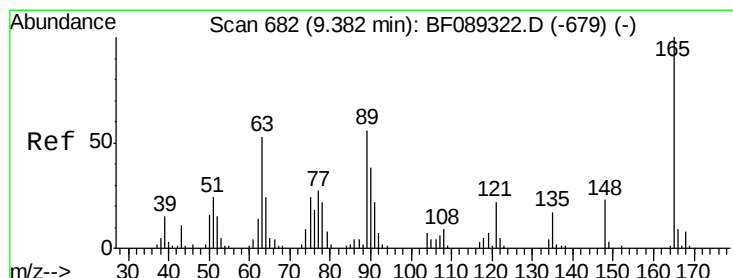
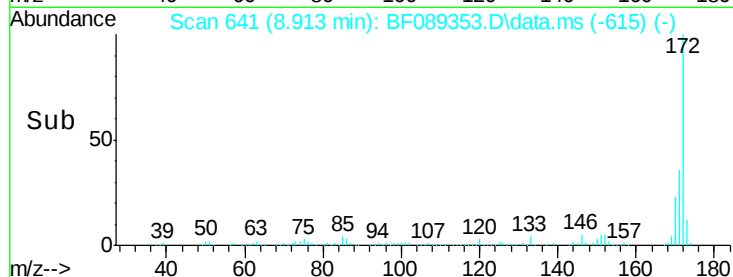
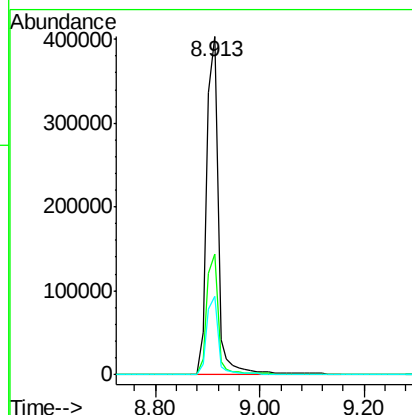
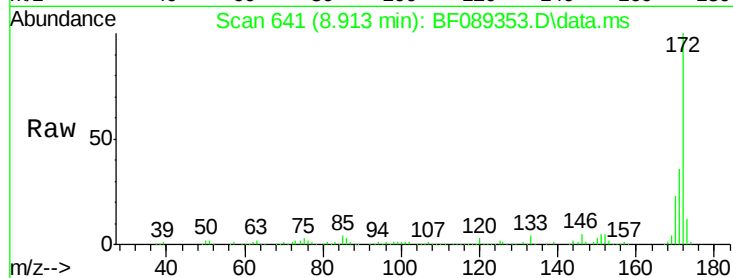




#44
 2-Fluorobiphenyl
 Concen: 102.28 ng
 RT: 8.913 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

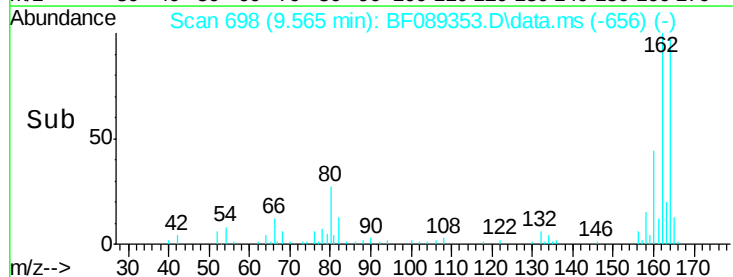
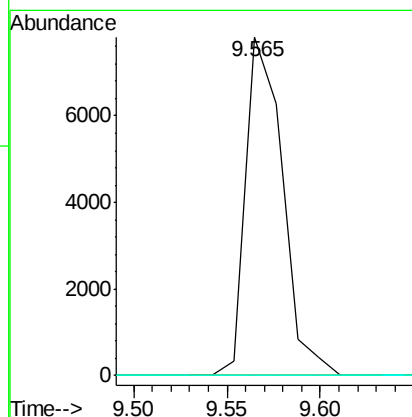
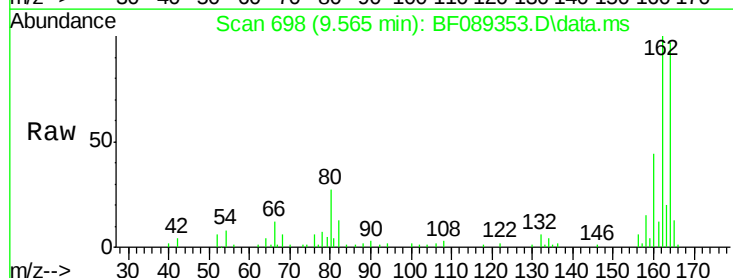
Instrument :
 BNA_F
 ClientSampleId :
 I-23

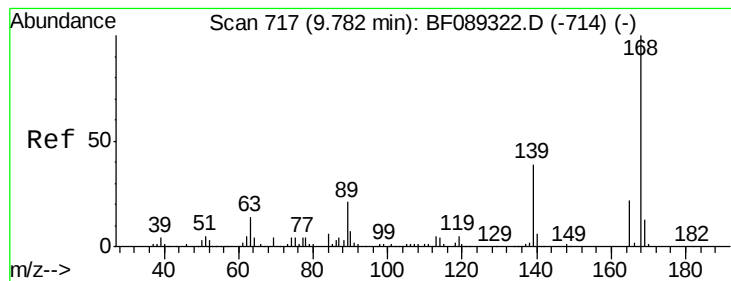
Tot Ion:172 Resp: 619438
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.0 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.565 min Scan# 698
 Delta R.T. 0.183 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

Tgt Ion:165 Resp: 10768
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#





#56

2,4-Dinitrotoluene

Concen: 5.89 ng

RT: 9.565 min Scan# 69

Delta R.T. -0.217 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

Tot Ion:165 Resp: 10768

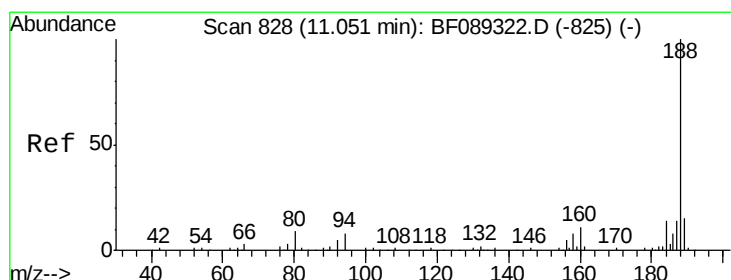
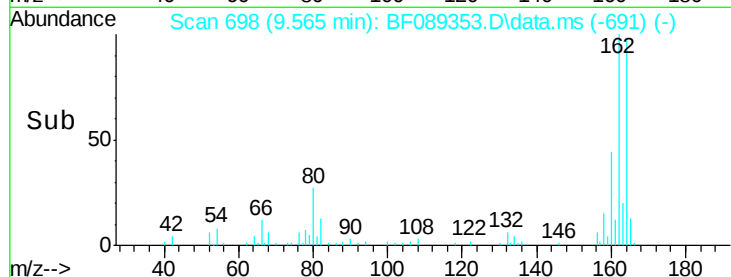
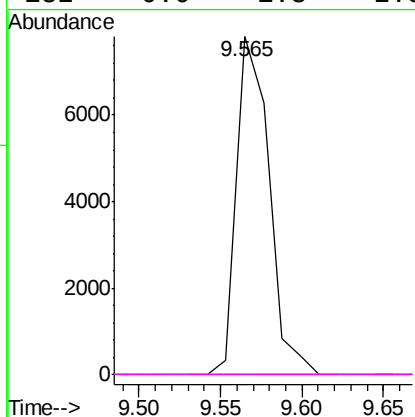
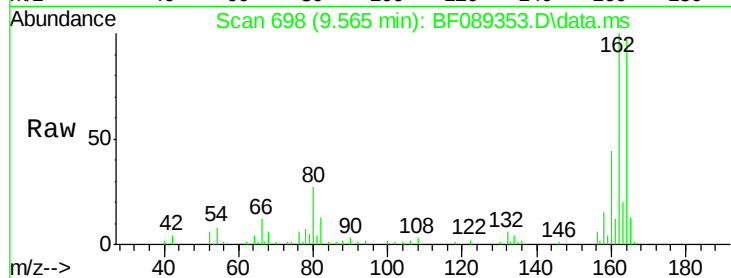
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.039 min Scan# 827

Delta R.T. -0.011 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

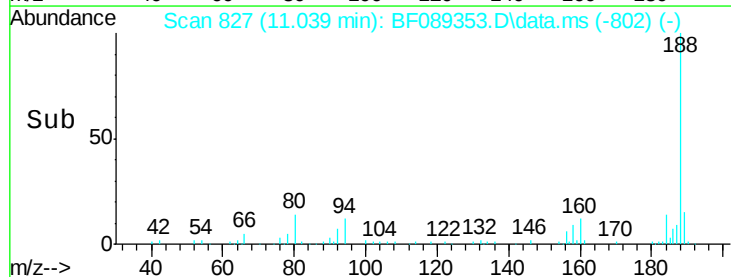
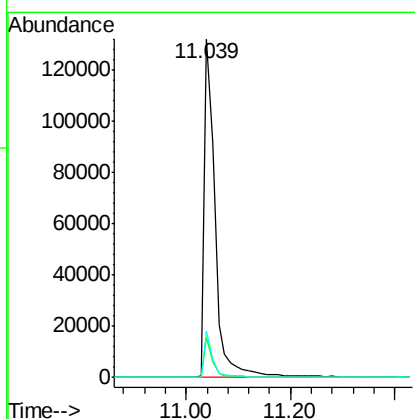
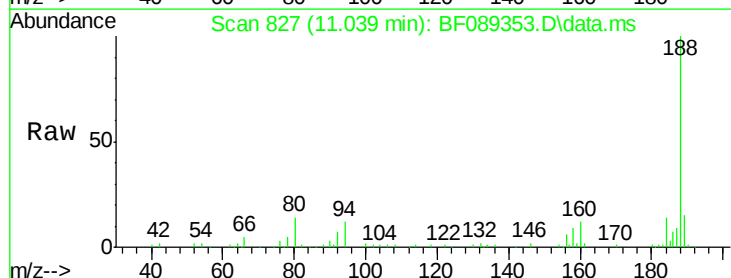
Tgt Ion:188 Resp: 192243

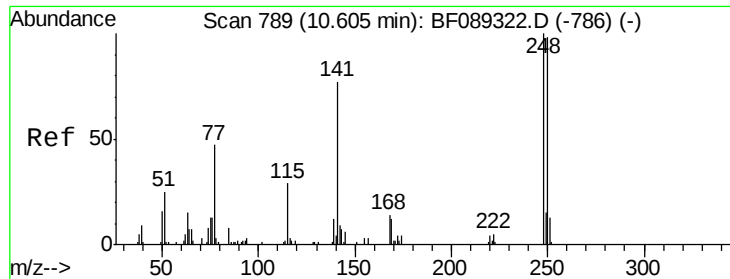
Ion Ratio Lower Upper

188 100

94 11.8 6.5 9.7#

80 13.9 7.2 10.8#

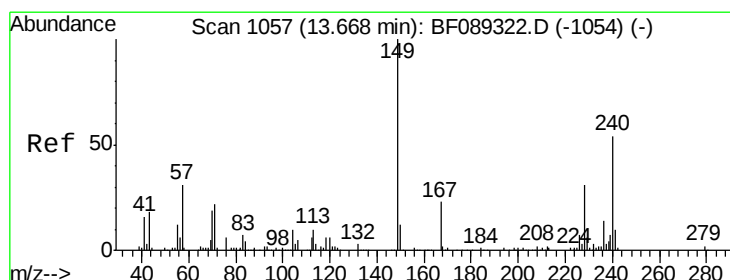
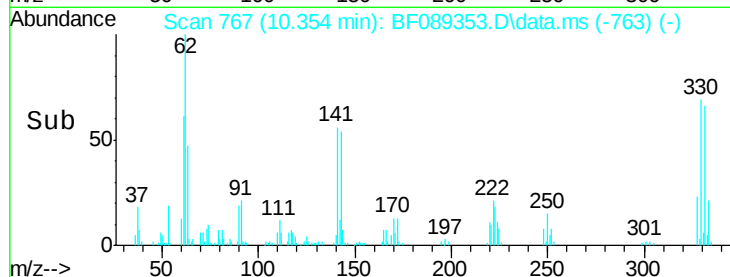
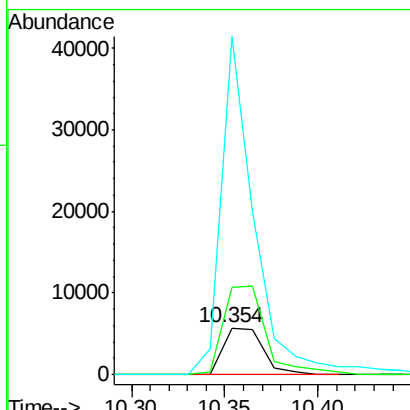
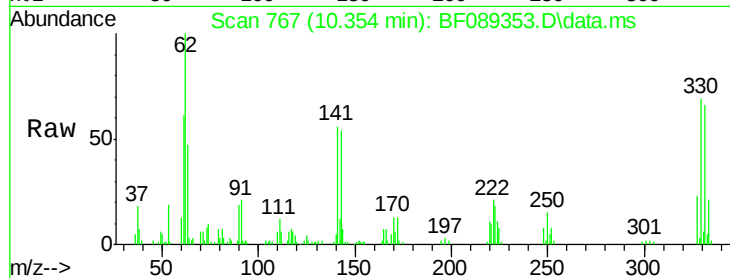




#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.354 min Scan# 76
 Delta R.T. -0.251 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

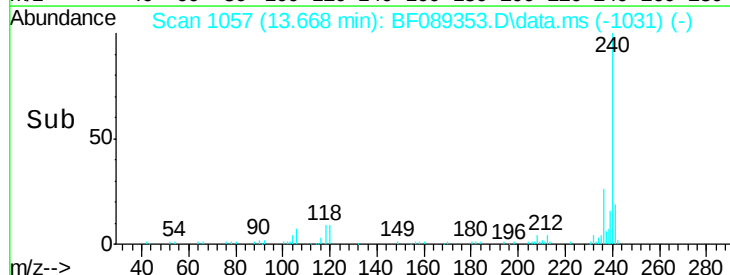
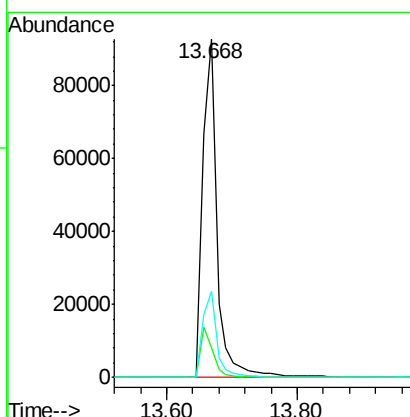
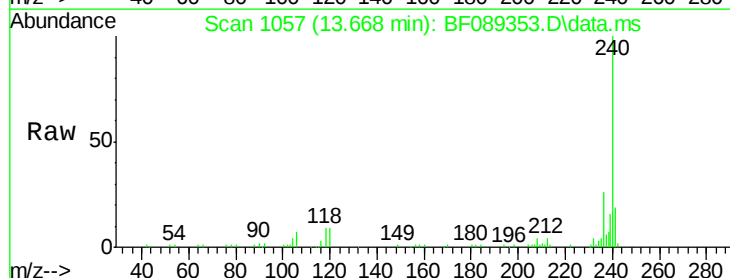
Instrument :
 BNA_F
 ClientSampleId :
 I-23

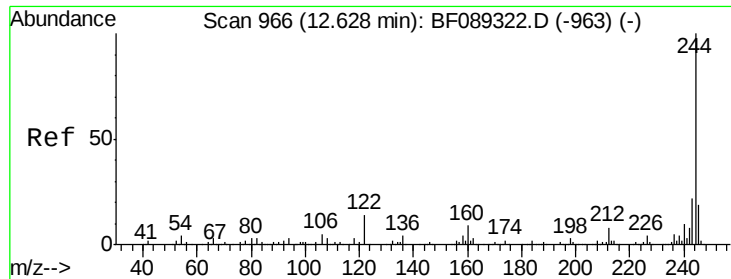
Tot Ion:248 Resp: 8515
 Ion Ratio Lower Upper
 248 100
 250 187.8 78.2 117.2#
 141 725.0 62.0 93.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.668 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: BF089353.D
 Acq: 28 Jul 2016 8:24

Tgt Ion:240 Resp: 139431
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.1 13.7#
 236 25.5 20.6 30.8





#78

Terphenyl-d14

Concen: 93.80 ng

RT: 12.628 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Instrument :

BNA_F

ClientSampleId :

I-23

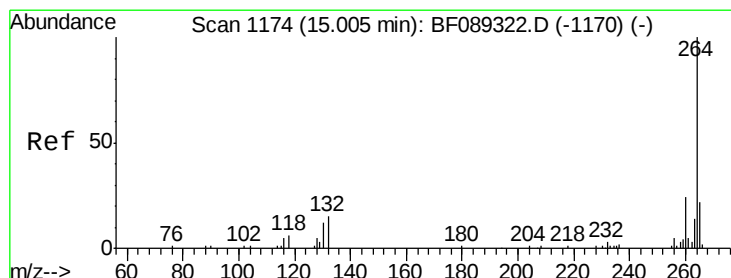
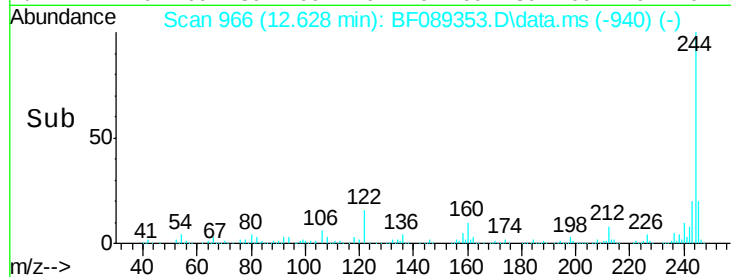
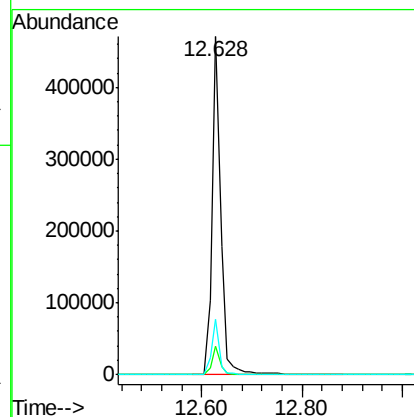
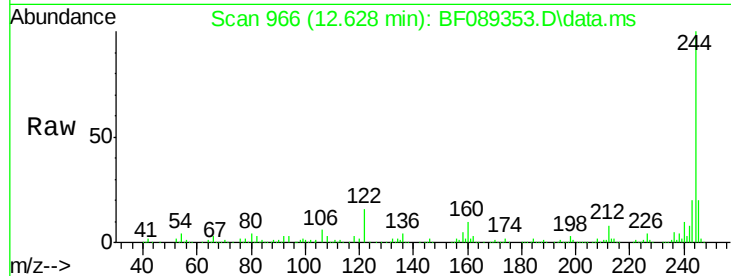
Tot Ion:244 Resp: 558787

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 16.3 11.4 17.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.005 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF089353.D

Acq: 28 Jul 2016 8:24

Tgt Ion:264 Resp: 76534

Ion Ratio Lower Upper

264 100

260 26.6 19.0 28.4

265 20.6 17.5 26.3

