

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085568.D
 Acq On : 19 Mar 2016 11:41
 Operator : UM/SJ
 Sample : H1804-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

Quant Time: Mar 21 00:12:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

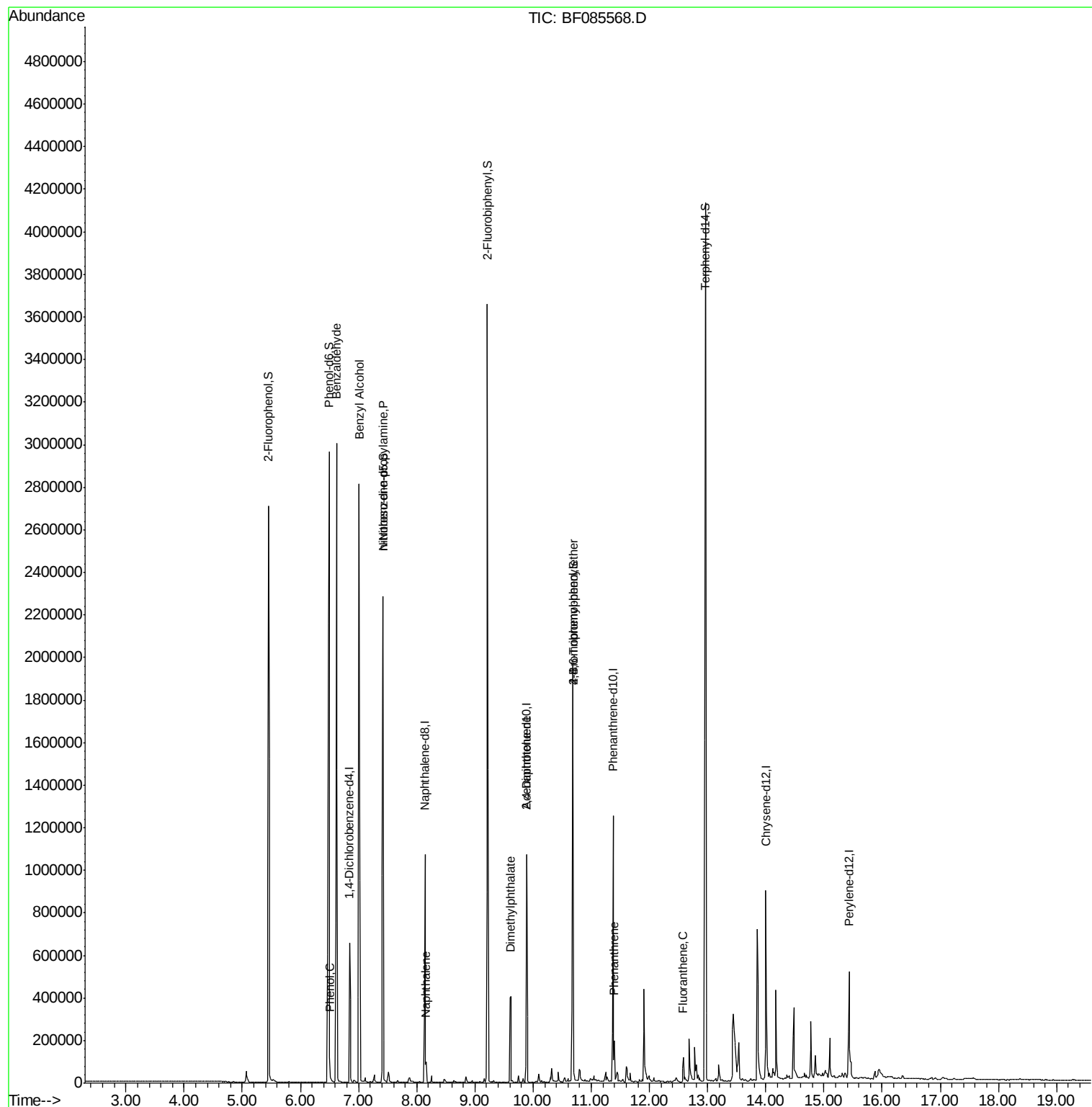
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121270	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	495059	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	214719	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	429858	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301572	20.00	ng	-0.01
86) Perylene-d12	15.43	264	221613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1144114	158.47	ng	0.00
7) Phenol-d6	6.49	99	1535847	165.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	866080	101.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	415756	197.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1436105	131.98	ng	-0.01
78) Terphenyl-d14	12.96	244	1396674	111.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	23395	3.07	ng	83
10) Phenol	6.50	94	29040	2.75	ng	86
15) Benzyl Alcohol	7.01	79	13743	2.17	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	115413	20.87	ng	# 77
31) Naphthalene	8.16	128	51363	2.06	ng	97
49) Dimethylphthalate	9.61	163	263822	16.28	ng	98
56) 2,4-Dinitrotoluene	9.89	165	27026	6.03	ng	# 37
66) 4-Bromophenyl-phenylether	10.69	248	24884	5.79	ng	# 1
70) Phenanthrene	11.40	178	68841	3.04	ng	98
74) Fluoranthene	12.58	202	54942	2.32	ng	90

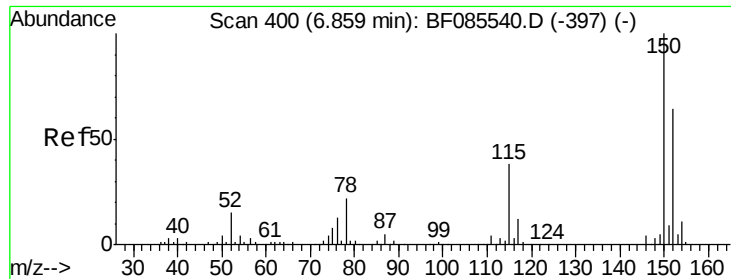
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

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ClientSampleId :

TRACK-D-GRID-9A

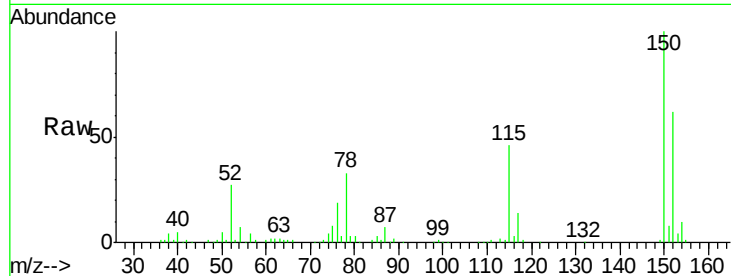
Tgt Ion:152 Resp: 121270

Ion Ratio Lower Upper

152 100

150 161.9 124.2 186.2

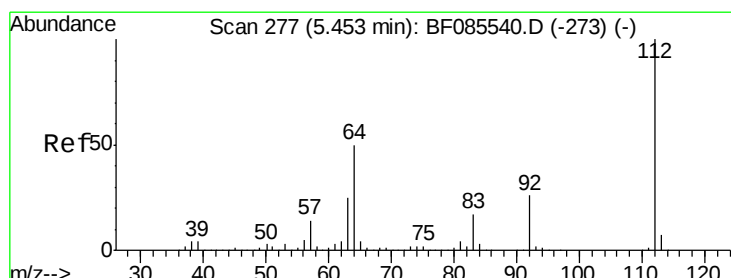
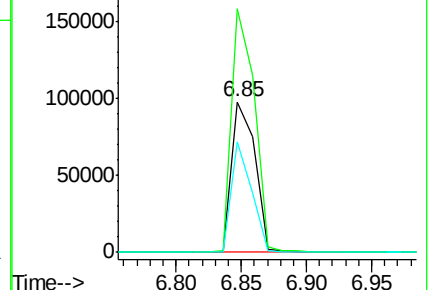
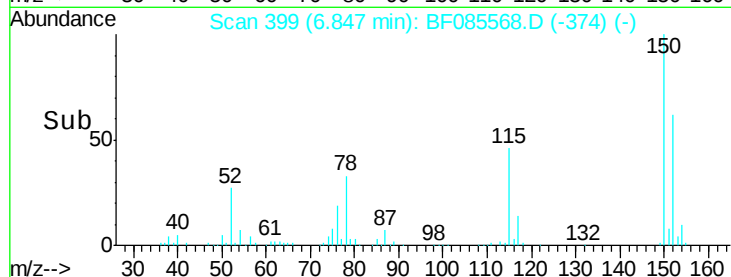
115 73.8 47.0 70.6#



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: 158.47 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

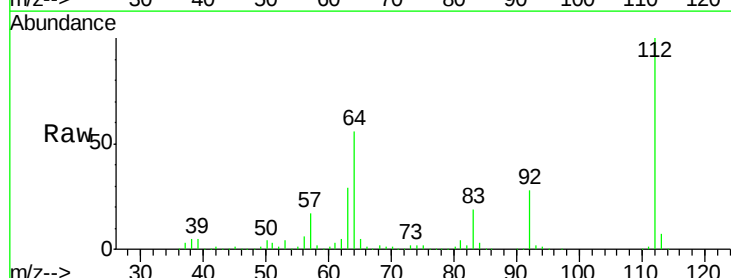
Tgt Ion:112 Resp: 1144114

Ion Ratio Lower Upper

112 100

64 56.3 39.9 59.9

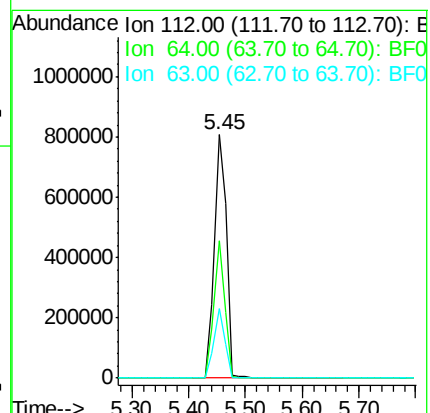
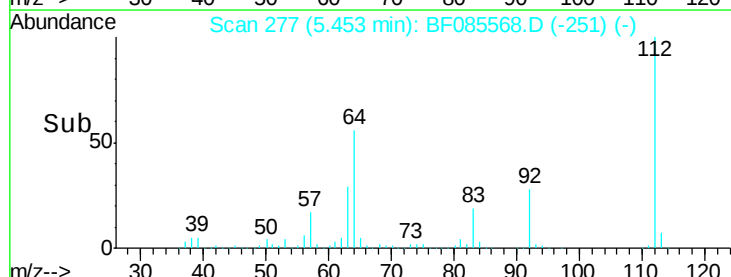
63 28.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 165.86 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

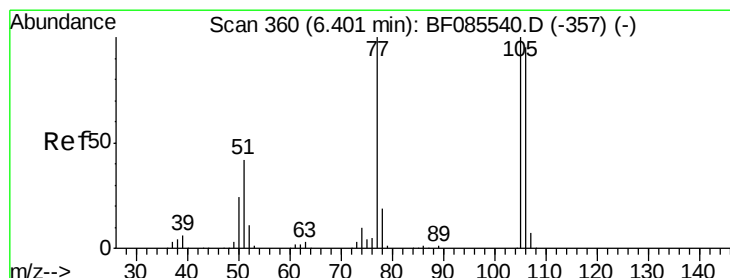
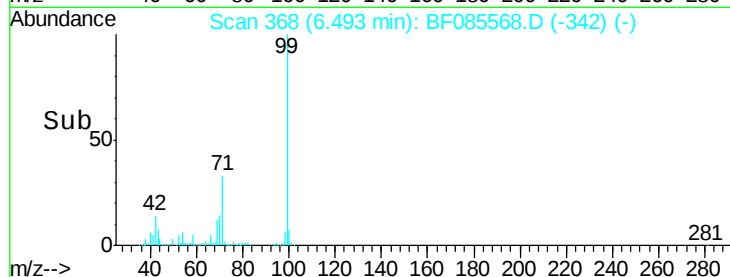
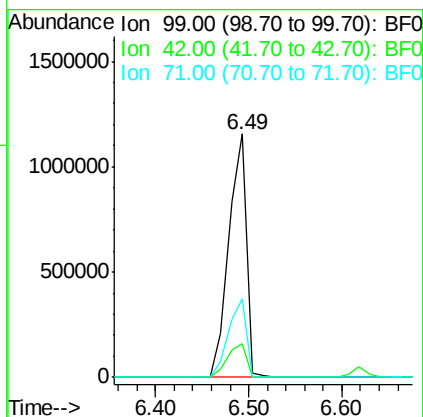
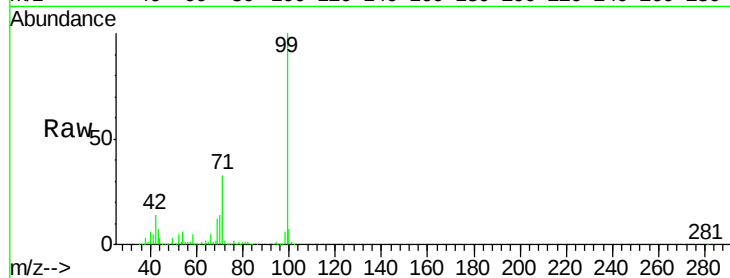
Tgt Ion: 99 Resp: 1535847

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 32.5 24.9 37.3



#9

Benzaldehyde

Concen: 3.07 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

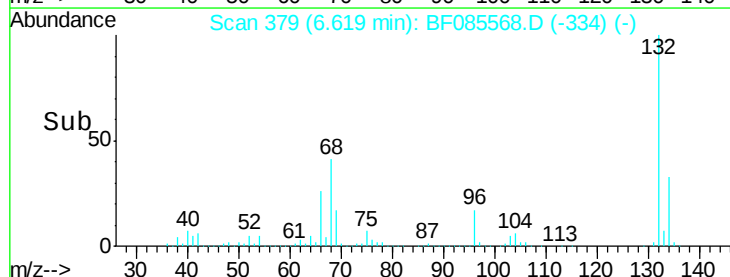
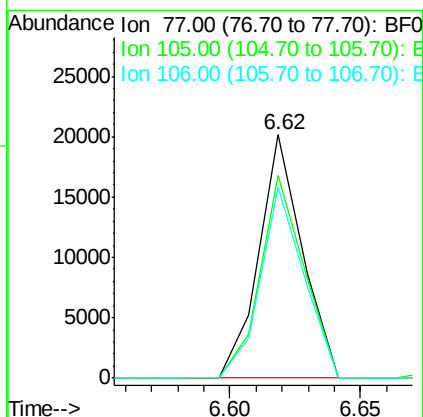
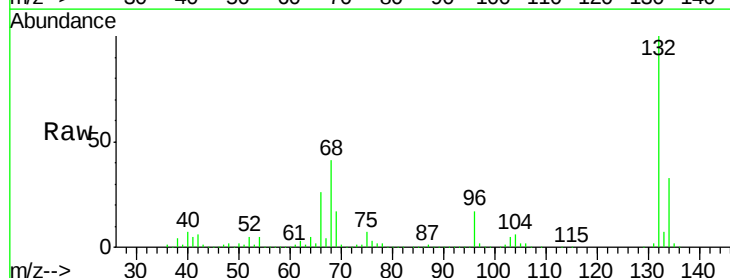
Tgt Ion: 77 Resp: 23395

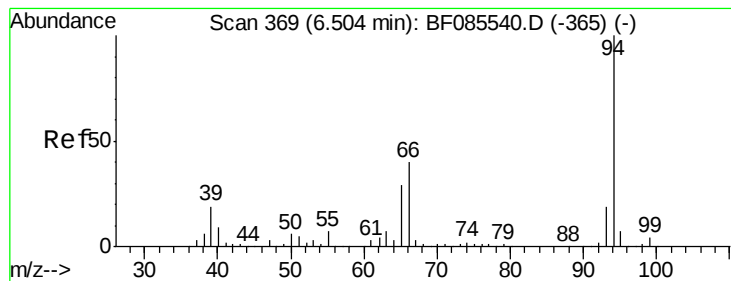
Ion Ratio Lower Upper

77 100

105 83.0 80.1 120.1

106 78.6 75.0 115.0





#10

Phenol

Concen: 2.75 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

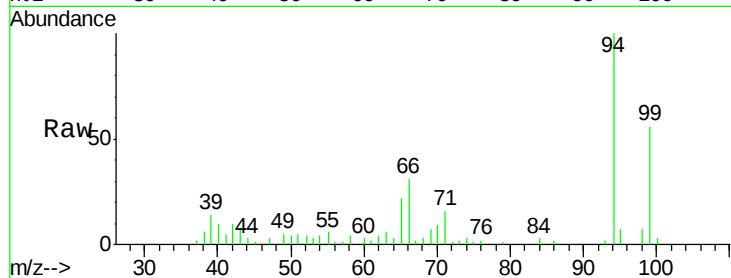
Tgt Ion: 94 Resp: 29040

Ion Ratio Lower Upper

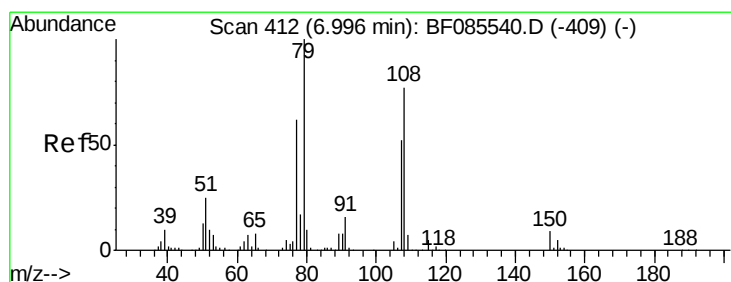
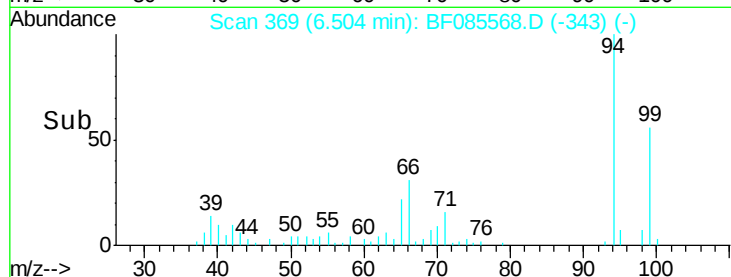
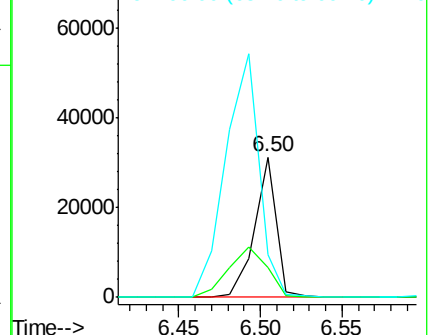
94 100

65 21.6 8.6 48.6

66 30.7 20.0 60.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

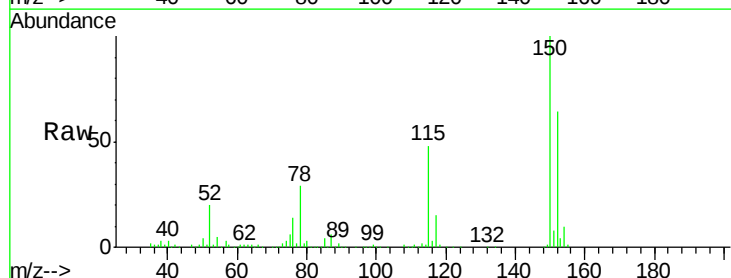
Tgt Ion: 79 Resp: 13743

Ion Ratio Lower Upper

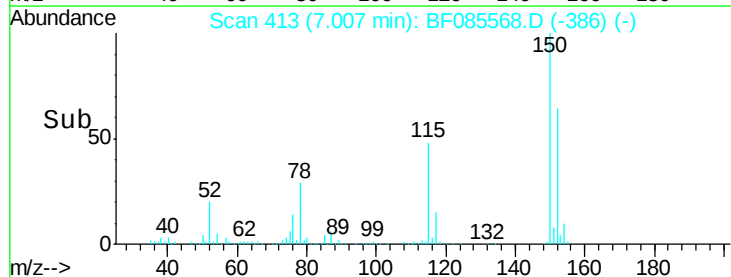
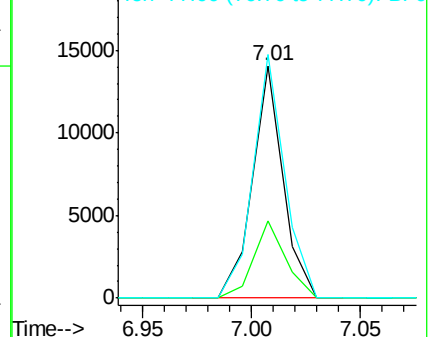
79 100

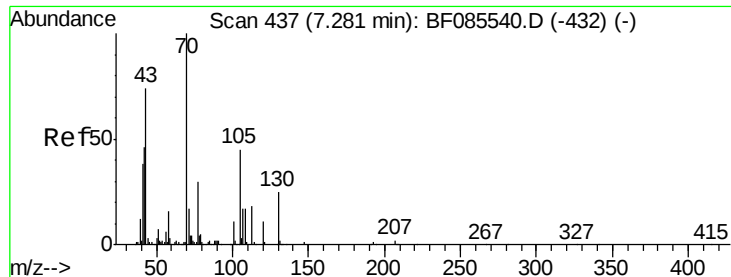
108 33.3 61.8 92.6#

77 104.7 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

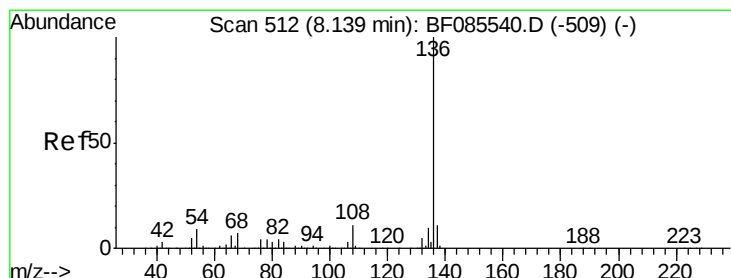
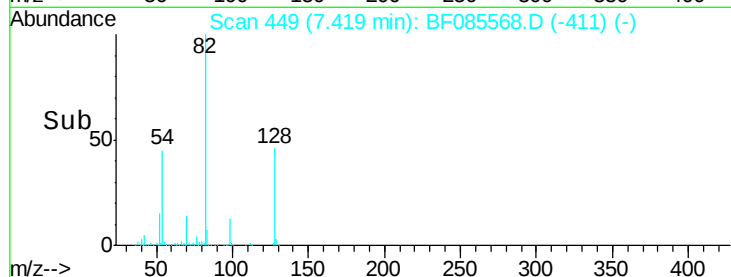
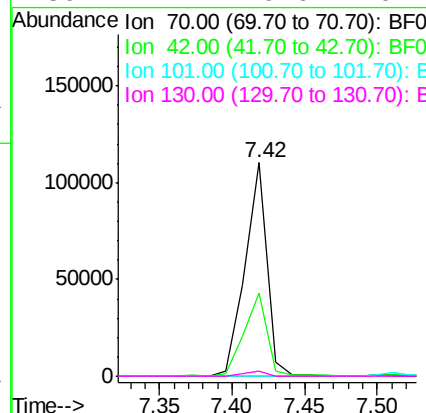
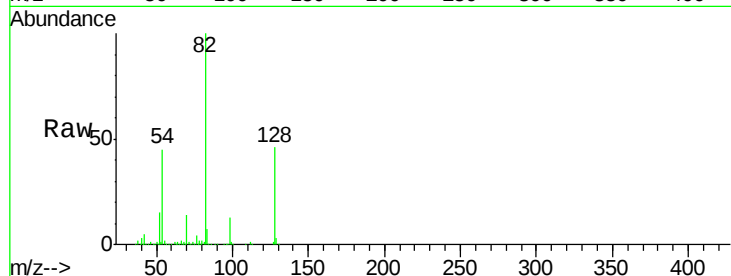




#19
n-Nitroso-di-n-propylamine
Concen: 20.87 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

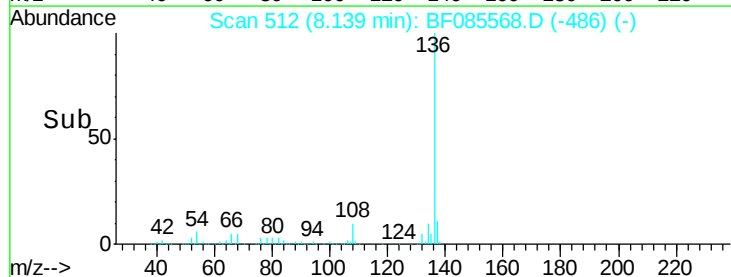
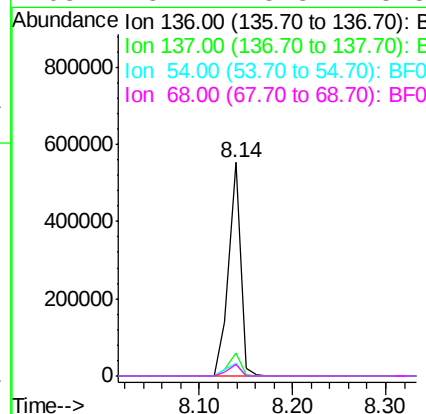
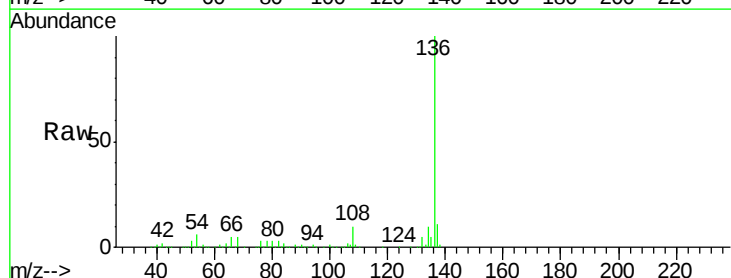
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9A

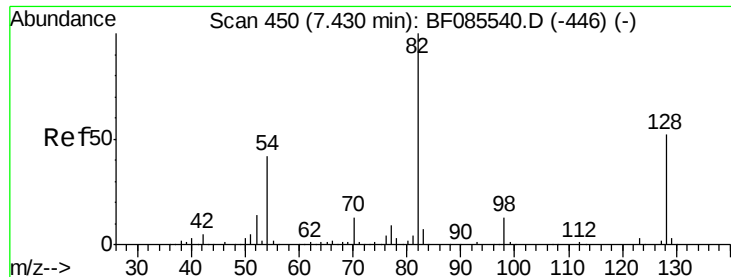
Tgt Ion: 70 Resp: 115413
Ion Ratio Lower Upper
70 100
42 39.2 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Tgt Ion: 136 Resp: 495059
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.1 7.4 11.0#
68 5.1 5.8 8.8#

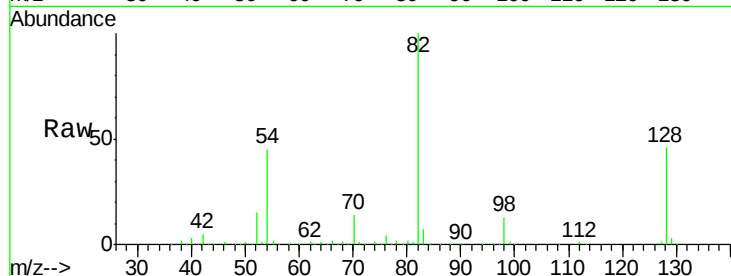




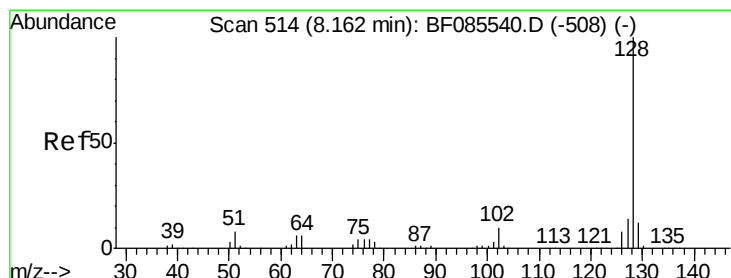
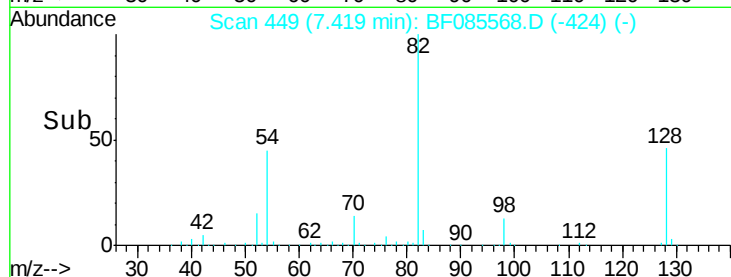
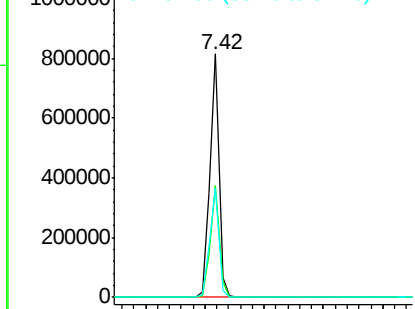
#23
 Nitrobenzene-d5
 Concen: 101.55 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

Tgt Ion: 82 Resp: 866080
 Ion Ratio Lower Upper
 82 100
 128 45.9 41.8 62.8
 54 44.9 33.4 50.0

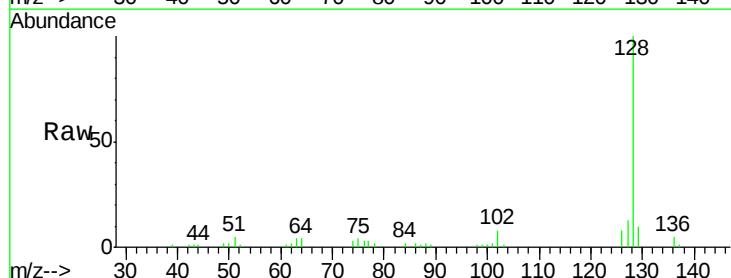


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

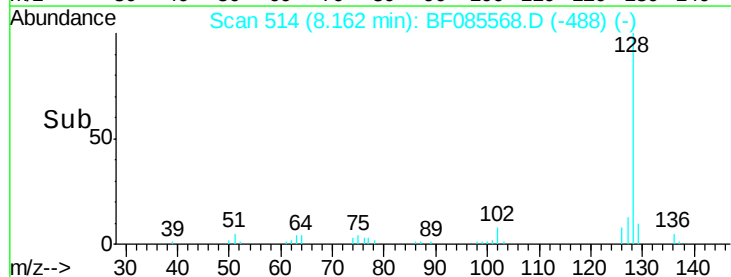
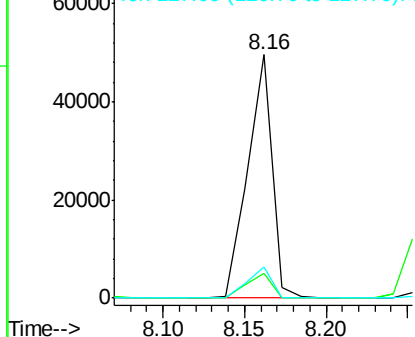


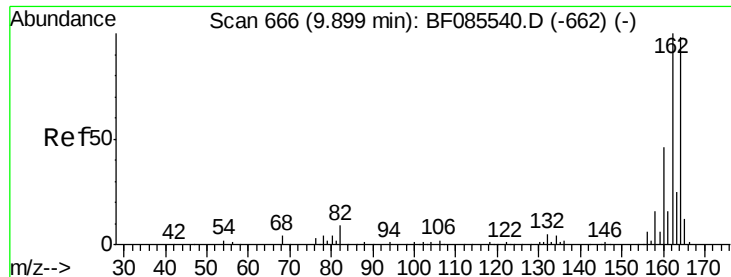
#31
 Naphthalene
 Concen: 2.06 ng
 RT: 8.16 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Tgt Ion: 128 Resp: 51363
 Ion Ratio Lower Upper
 128 100
 129 10.3 9.4 14.0
 127 12.7 11.0 16.6



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

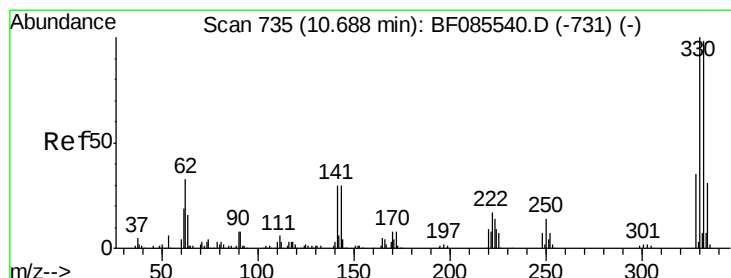
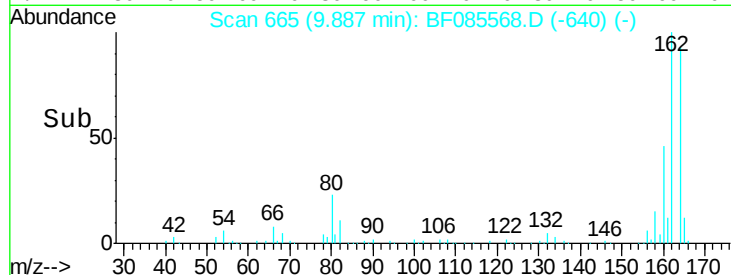
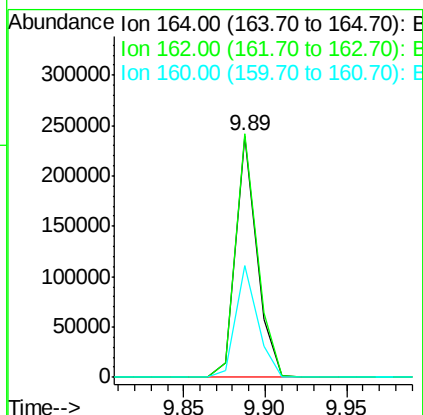
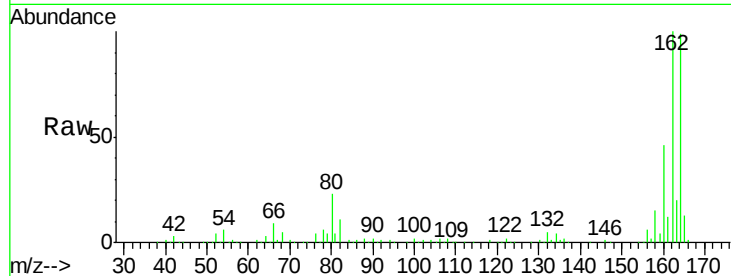




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

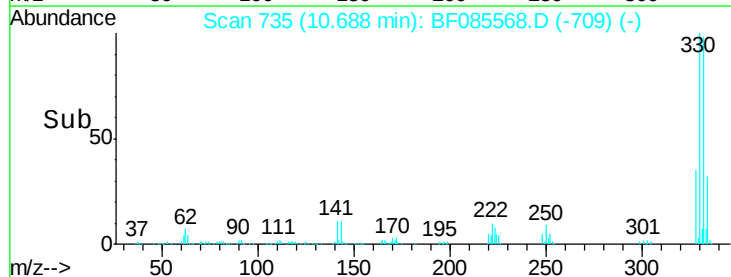
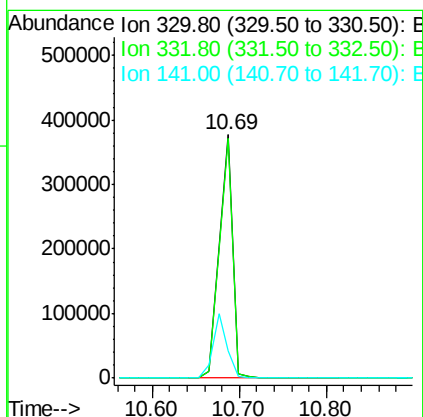
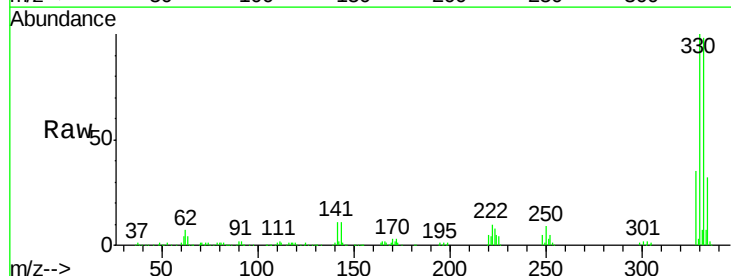
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

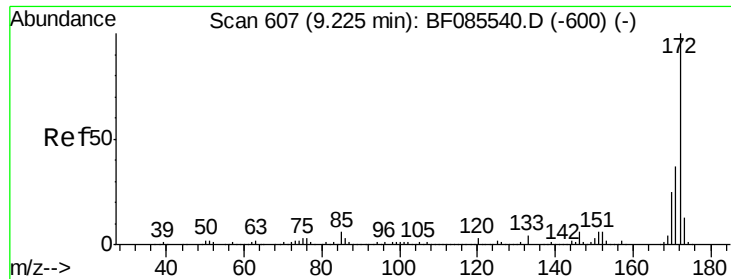
Tgt Ion:164 Resp: 214719
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.1 123.1
 160 46.1 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 197.67 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Tgt Ion:330 Resp: 415756
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.2
 141 27.3 31.5 47.3#

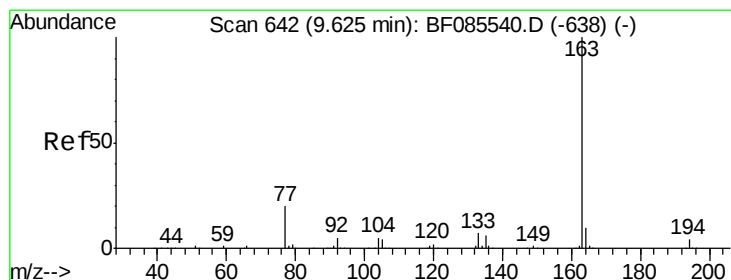
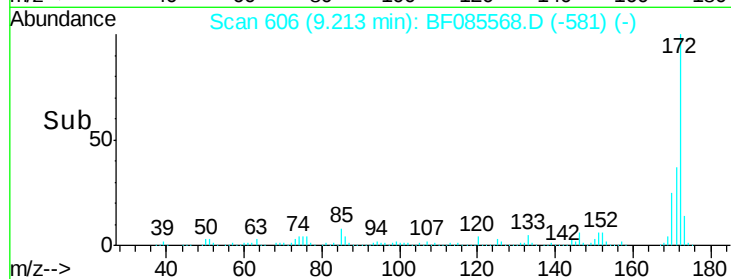
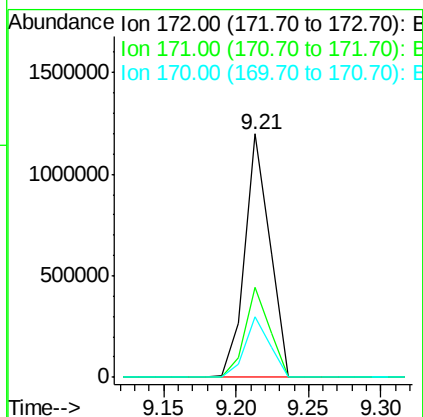
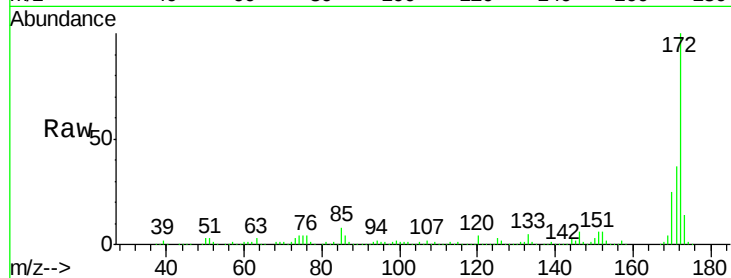




#44
2-Fluorobiphenyl
Concen: 131.98 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

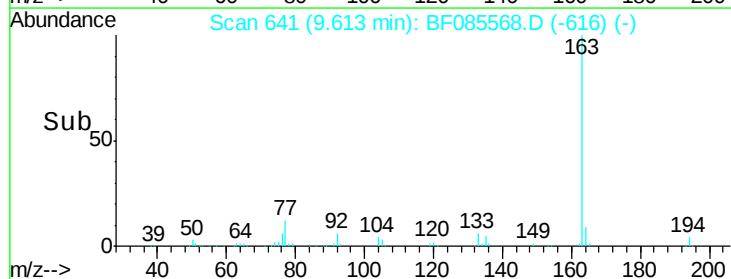
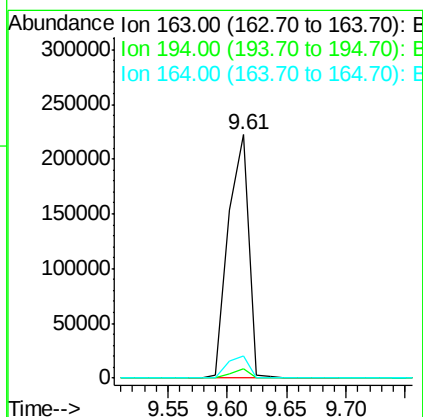
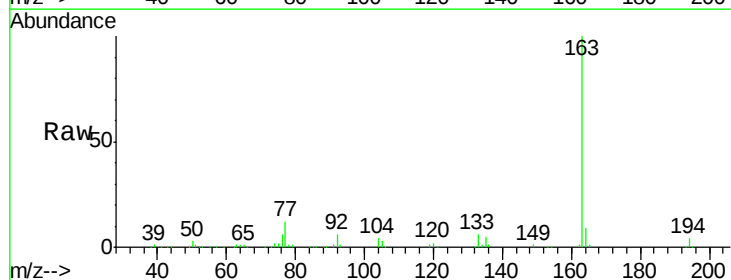
Instrument :
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TRACK-D-GRID-9A

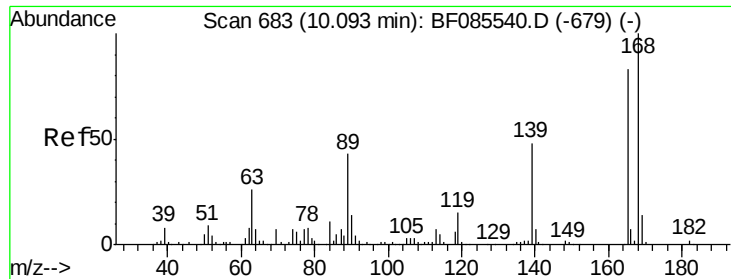
Tgt Ion:172 Resp: 1436105
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.2
170 24.8 19.8 29.6



#49
Dimethylphthalate
Concen: 16.28 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Tgt Ion:163 Resp: 263822
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.3 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.21 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

Tgt Ion:165 Resp: 27026

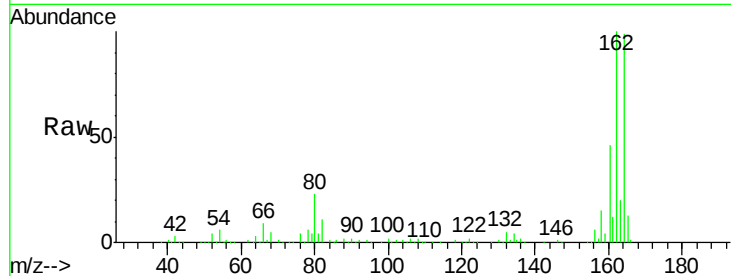
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

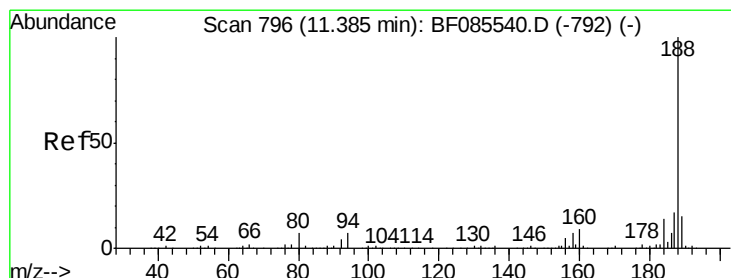
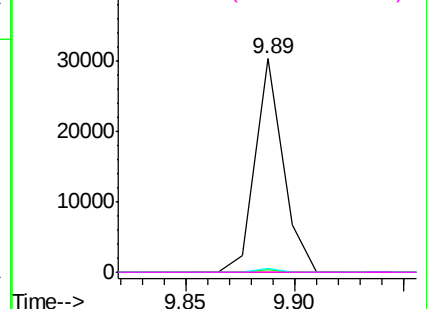
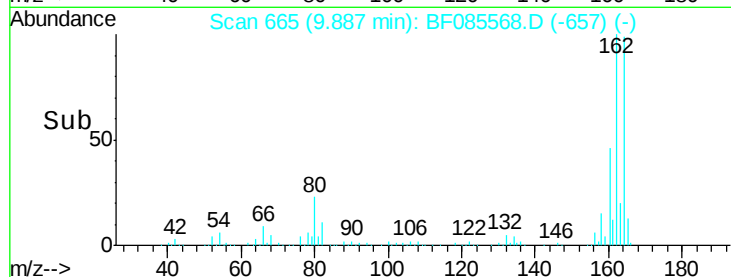


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

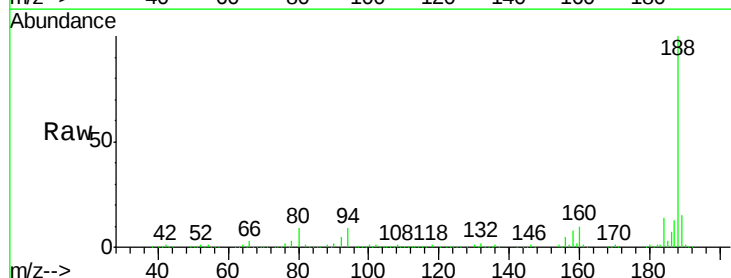
Tgt Ion:188 Resp: 429858

Ion Ratio Lower Upper

188 100

94 8.8 5.4 8.0#

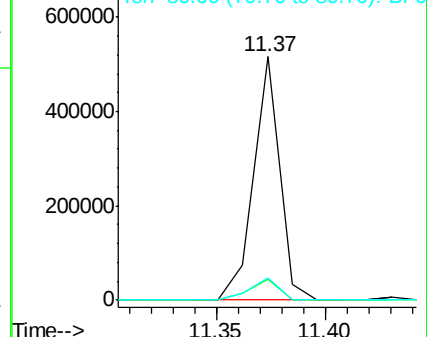
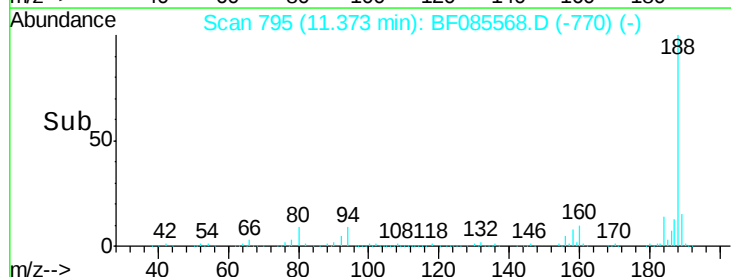
80 9.4 5.5 8.3#

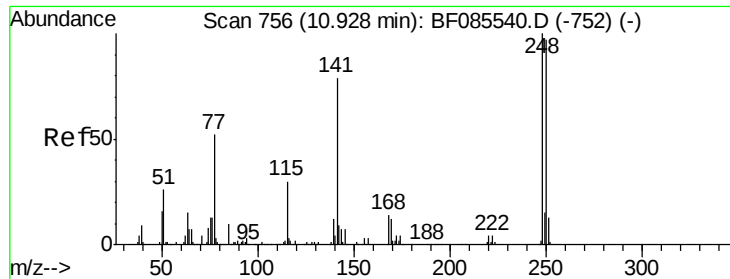


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

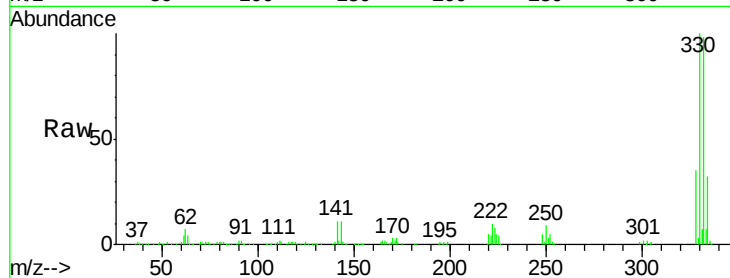




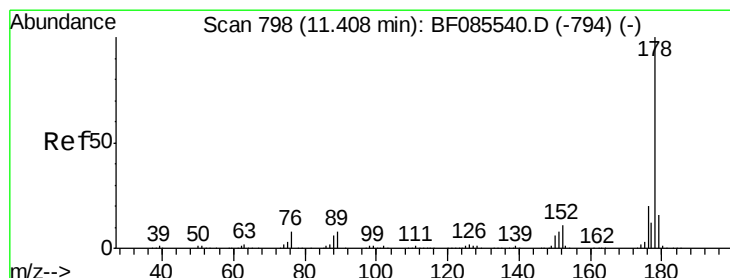
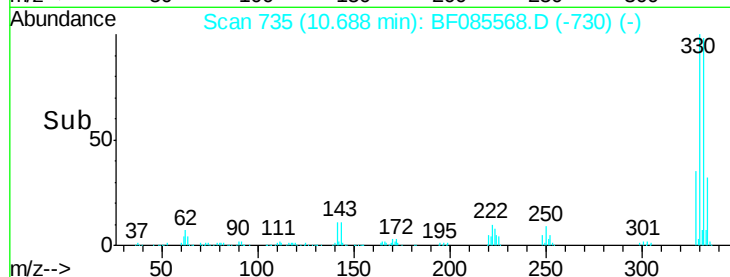
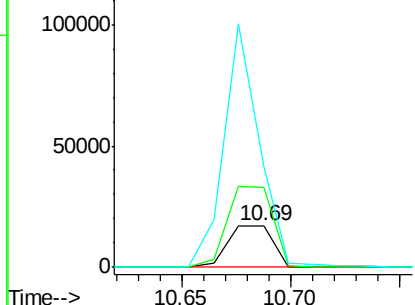
#66
4-Bromophenyl-phenylether
Concen: 5.79 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.24 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9A

Tgt Ion:248 Resp: 24884
Ion Ratio Lower Upper
248 100
250 192.6 77.4 116.0#
141 240.9 63.6 95.4#

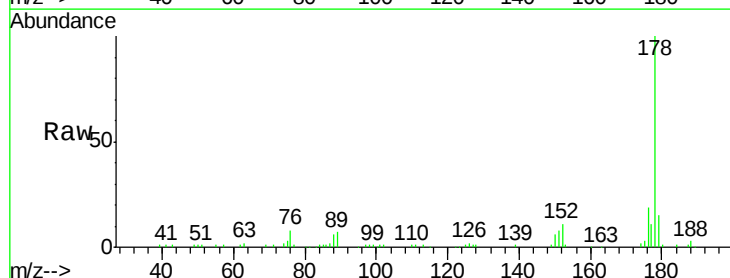


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

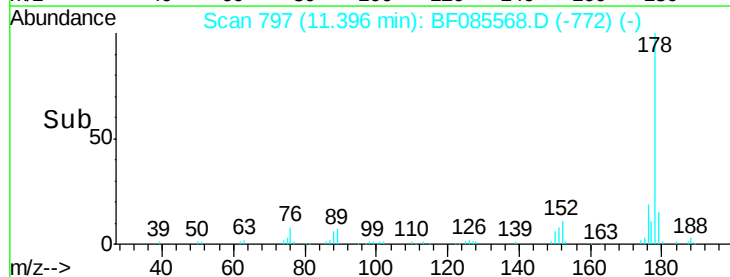
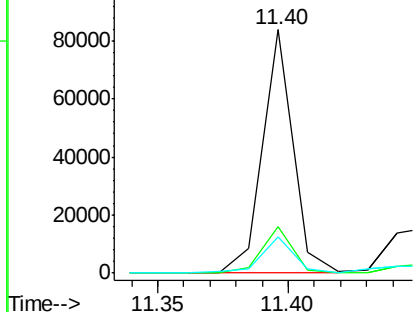


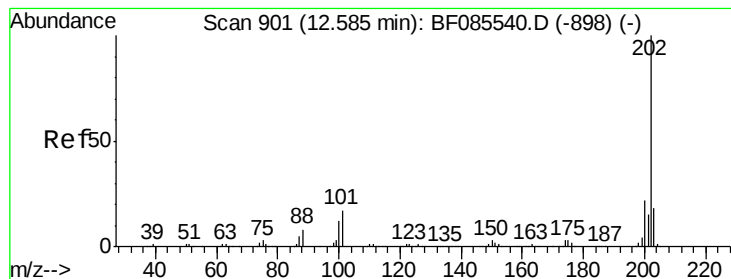
#70
Phenanthrene
Concen: 3.04 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Tgt Ion:178 Resp: 68841
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.32 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

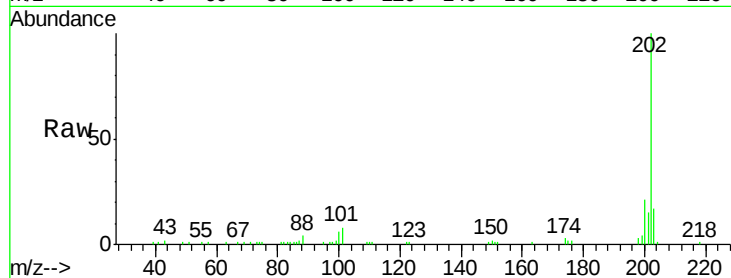
Tgt Ion:202 Resp: 54942

Ion Ratio Lower Upper

202 100

101 8.2 0.0 36.6

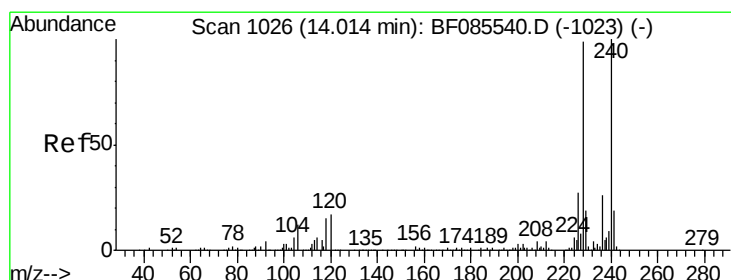
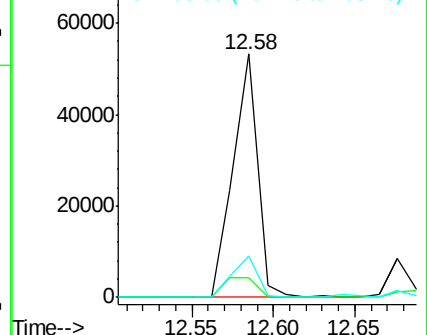
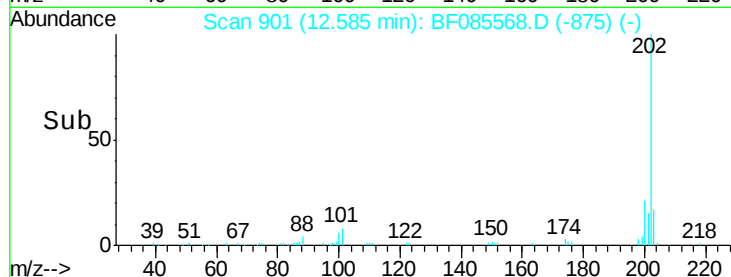
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

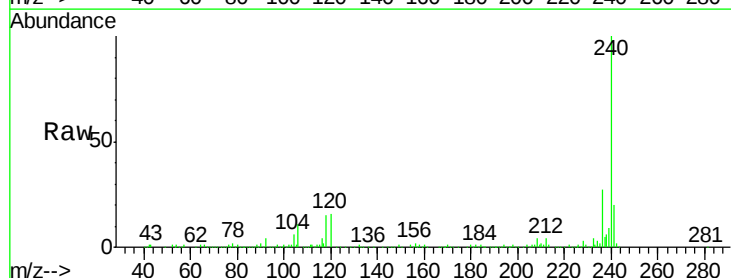
Tgt Ion:240 Resp: 301572

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.8

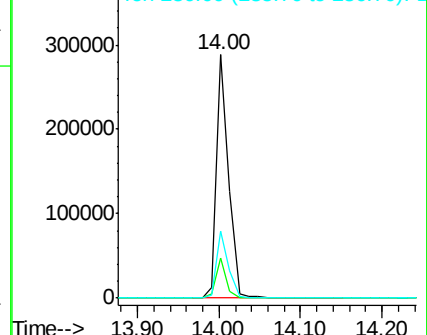
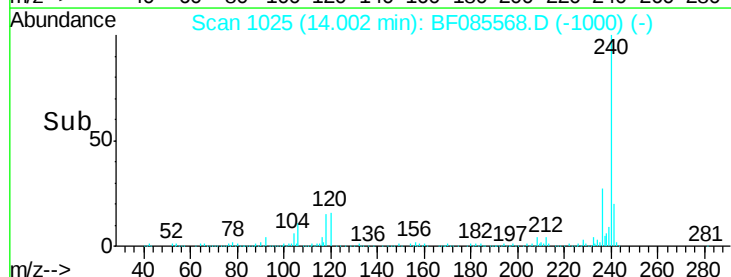
236 27.3 20.6 30.8

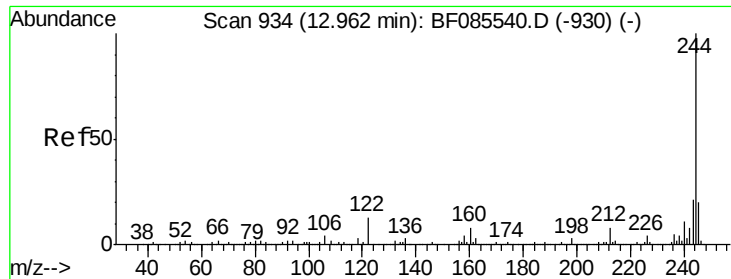


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

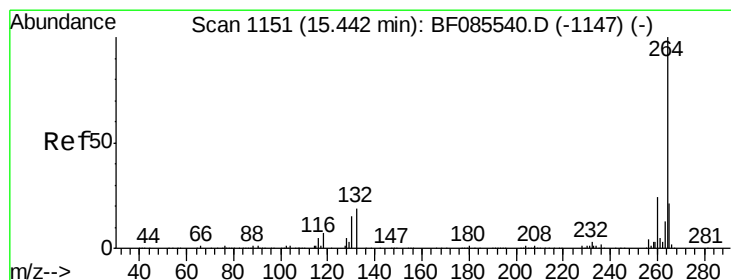
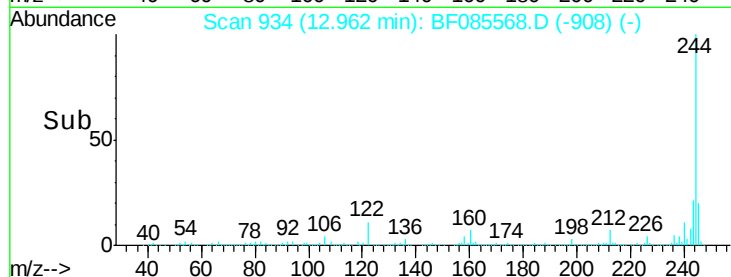
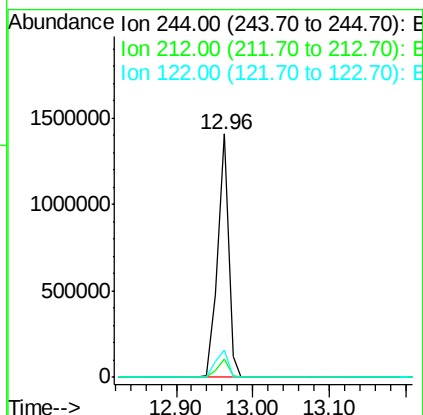
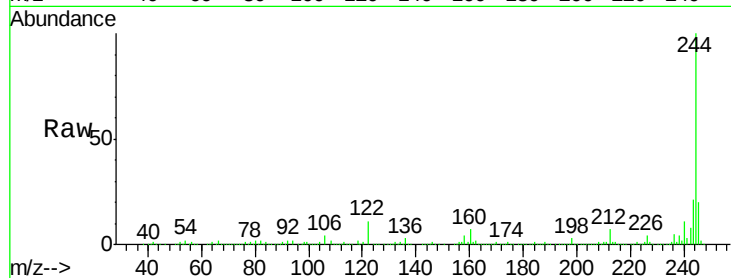




#78
 Terphenyl-d14
 Concen: 111.45 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

Tgt Ion:244 Resp: 1396674
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.0 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Tgt Ion:264 Resp: 221613
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.9 17.2 25.8

