

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090307.D
 Acq On : 30 Sep 2016 1:09
 Operator : UM/SJ
 Sample : H5015-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

Quant Time: Sep 30 02:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

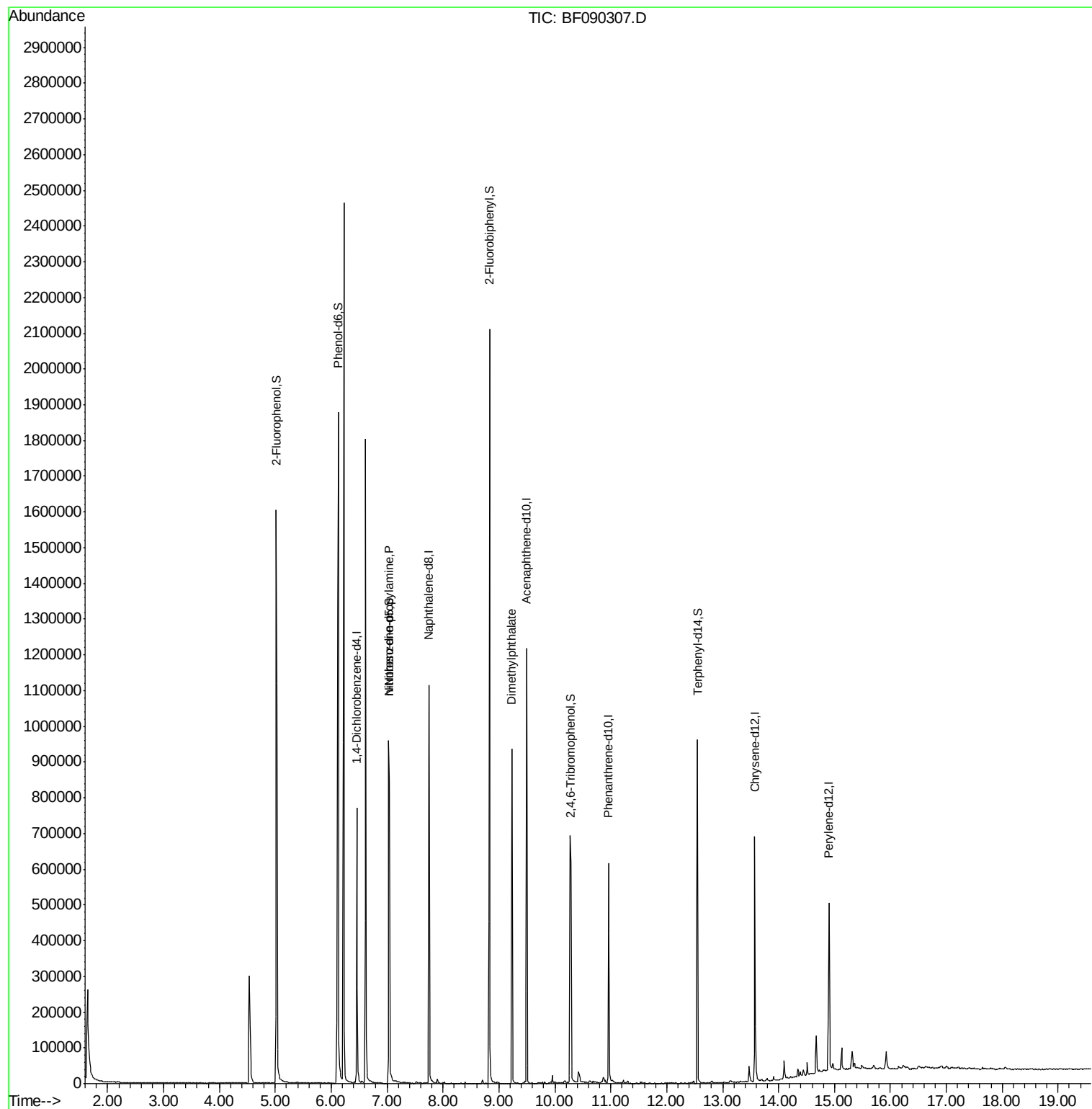
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	135840	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	515180	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	259118	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	311083	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	243382	20.00	ng	-0.02
86) Perylene-d12	14.90	264	186522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	708740	85.04	ng	-0.01
7) Phenol-d6	6.12	99	1026743	99.76	ng	-0.01
23) Nitrobenzene-d5	7.03	82	528395	59.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.28	330	137449	61.83	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	671792	50.90	ng	-0.02
78) Terphenyl-d14	12.55	244	305120	31.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	58545	9.68	ng	Qvalue # 82
49) Dimethylphthalate	9.23	163	369177	22.37	ng	99

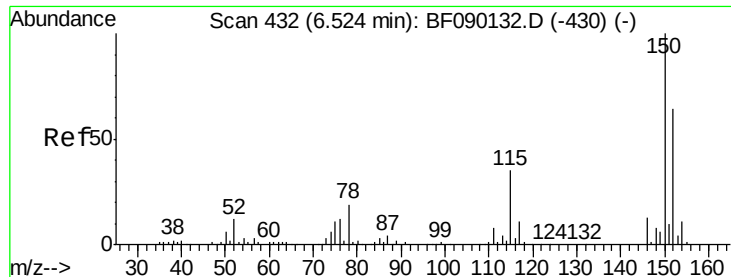
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

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BNA_F

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COMPOSITE-3

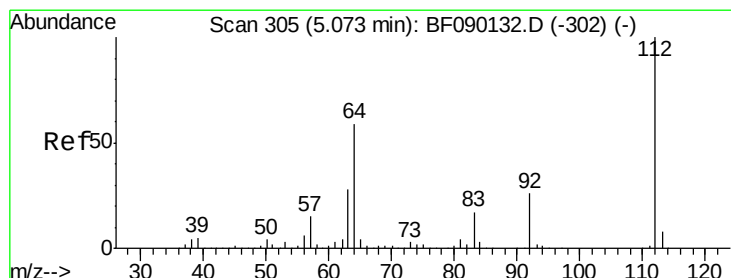
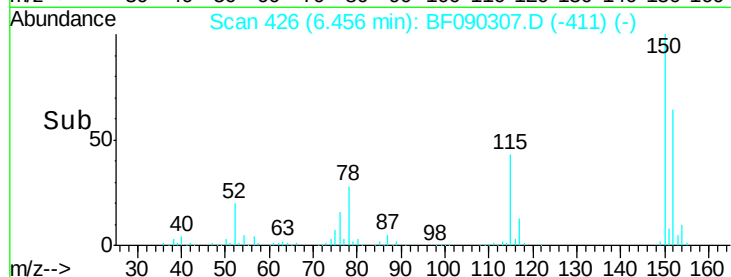
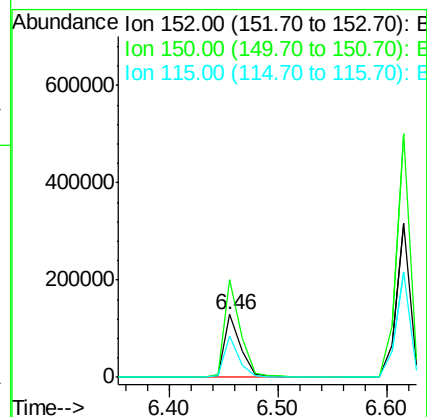
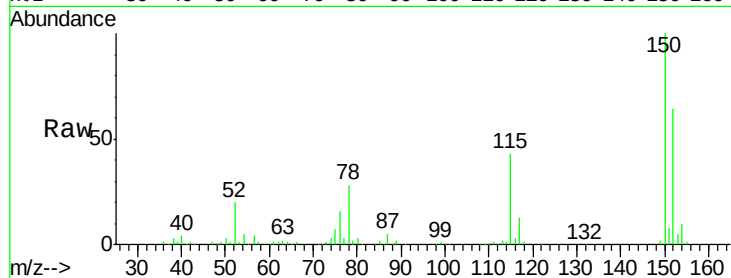
Tgt Ion:152 Resp: 135840

Ion Ratio Lower Upper

152 100

150 156.7 128.9 193.3

115 66.8 55.5 83.3



#5

2-Fluorophenol

Concen: 85.04 ng

RT: 5.02 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

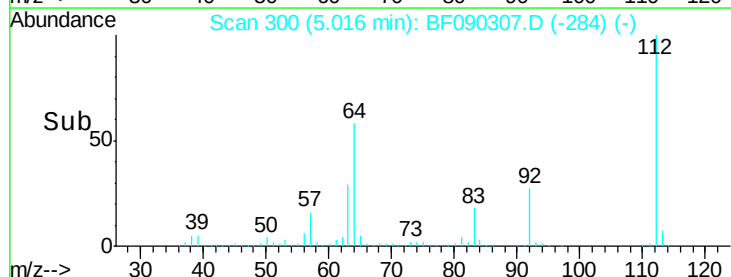
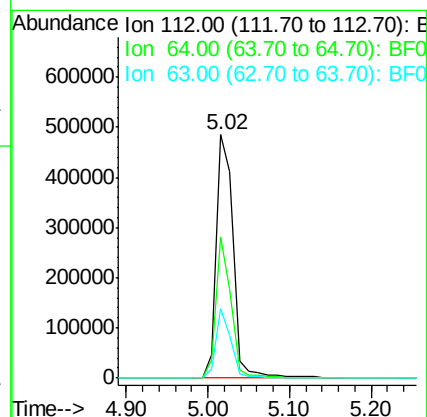
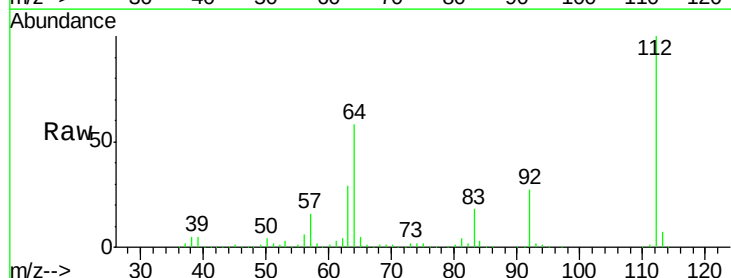
Tgt Ion:112 Resp: 708740

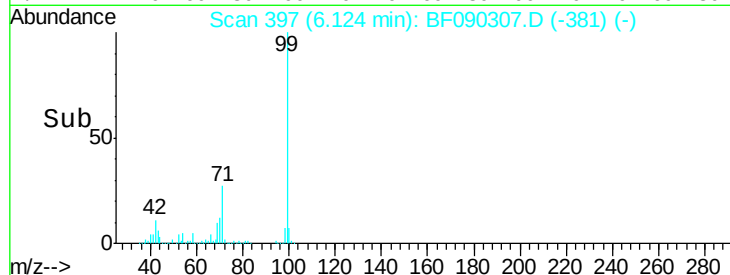
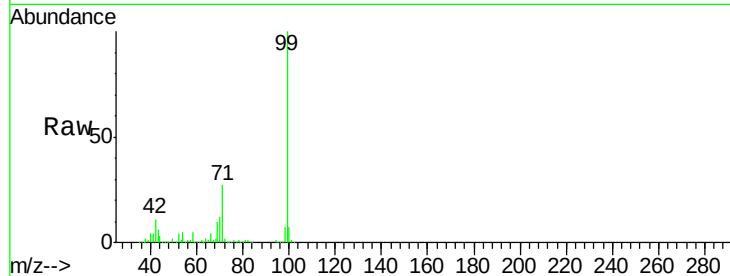
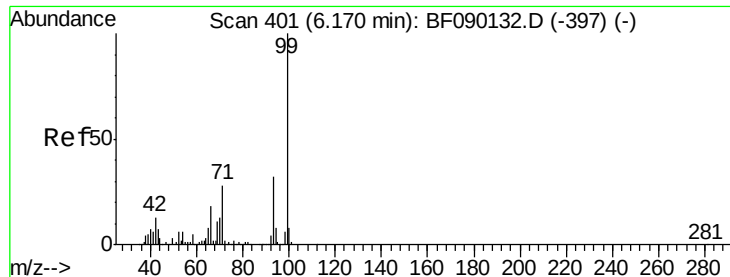
Ion Ratio Lower Upper

112 100

64 58.2 39.8 59.6

63 28.7 18.9 28.3#





#7

Phenol-d6

Concen: 99.76 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3

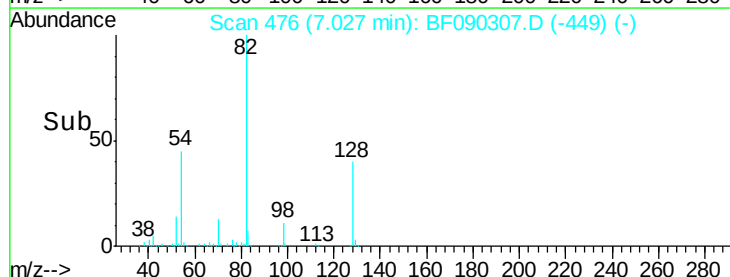
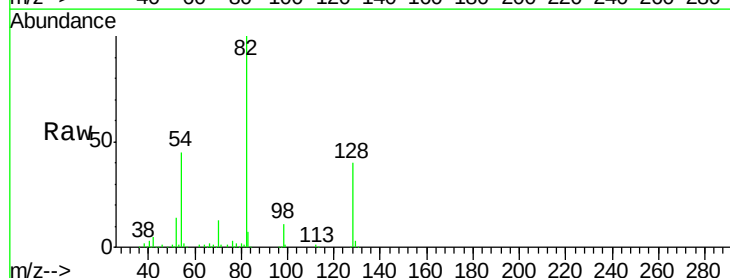
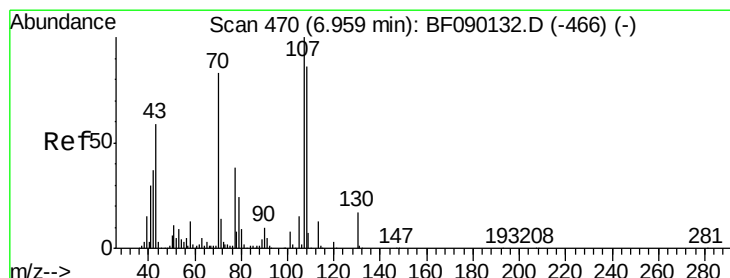
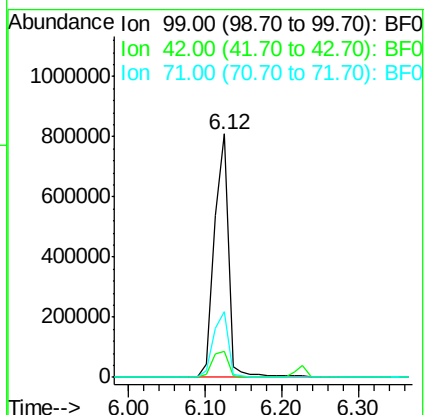
Tgt Ion: 99 Resp: 1026743

Ion Ratio Lower Upper

99 100

42 10.9 10.6 15.8

71 27.2 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.68 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.11 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Tgt Ion: 70 Resp: 58545

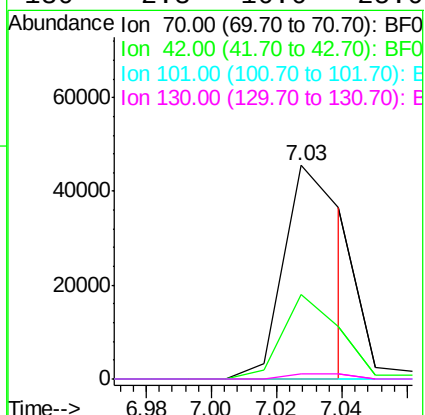
Ion Ratio Lower Upper

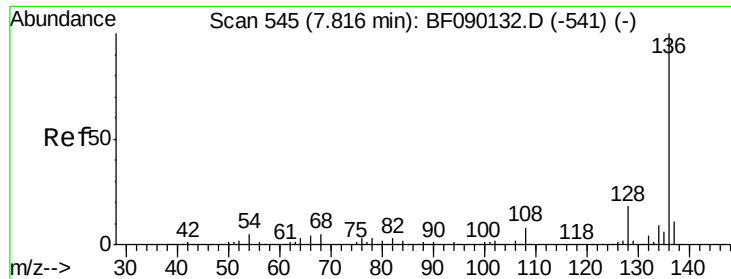
70 100

42 39.8 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

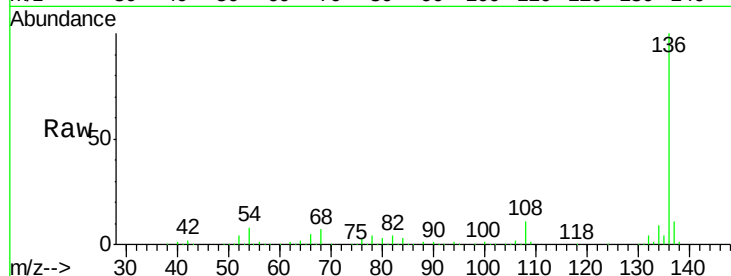




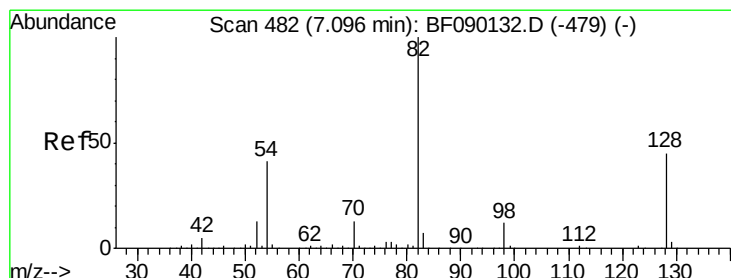
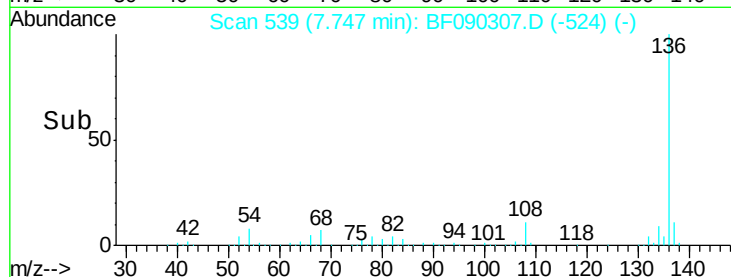
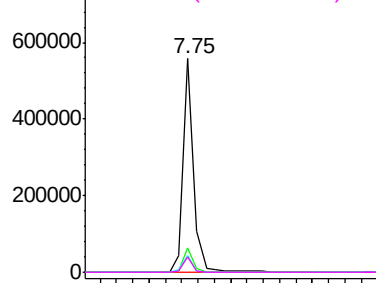
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3

Tgt Ion:	136	Resp:	515180
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	6.4	9.6
68	7.2	6.3	9.5

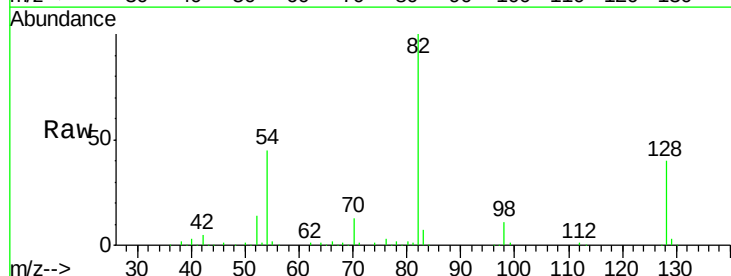


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

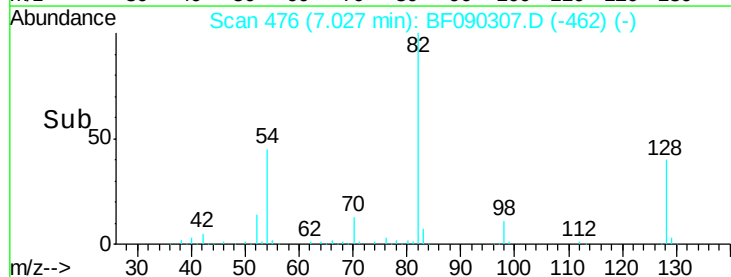
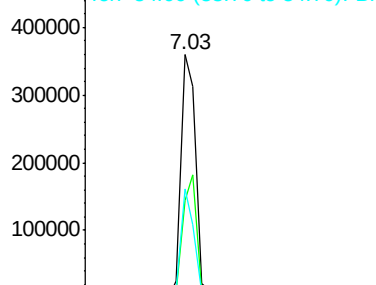


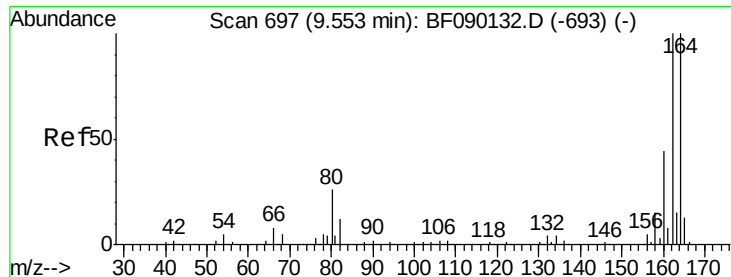
#23
Nitrobenzene-d5
Concen: 59.46 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

Tgt Ion:	82	Resp:	528395
Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.5	56.3
54	44.8	31.9	47.9



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

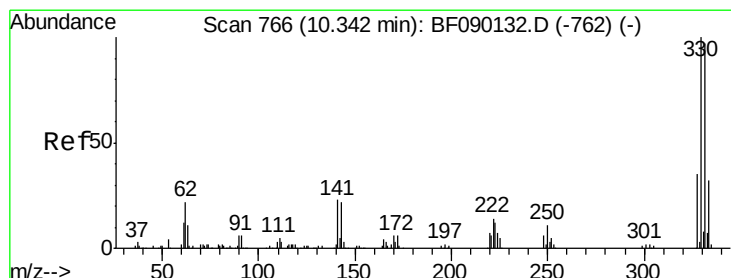
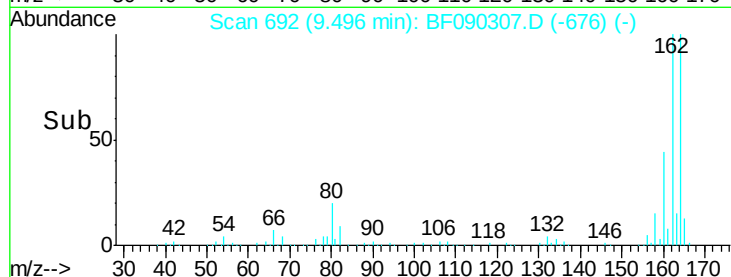
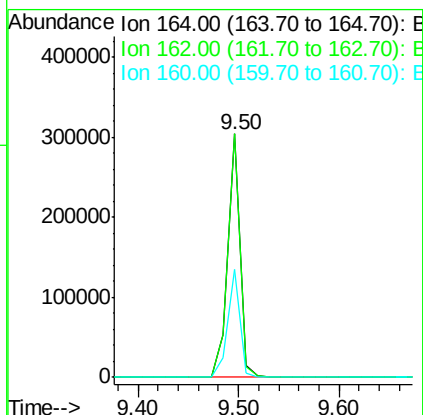
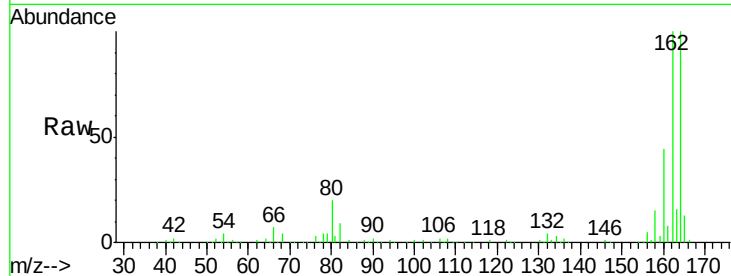




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

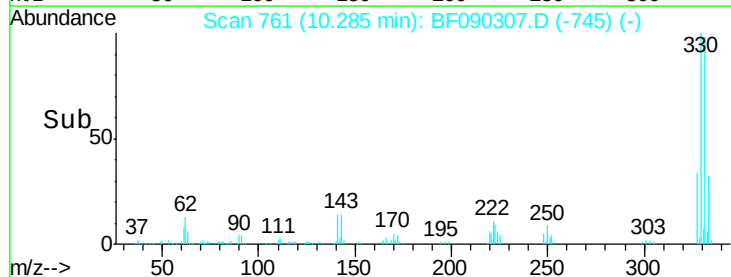
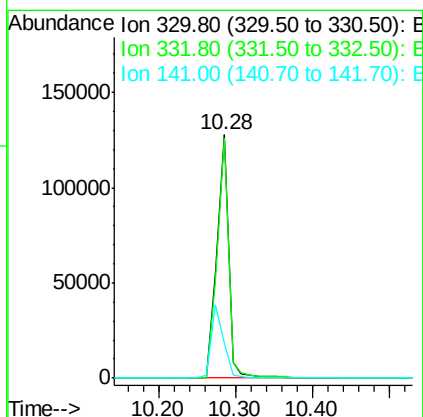
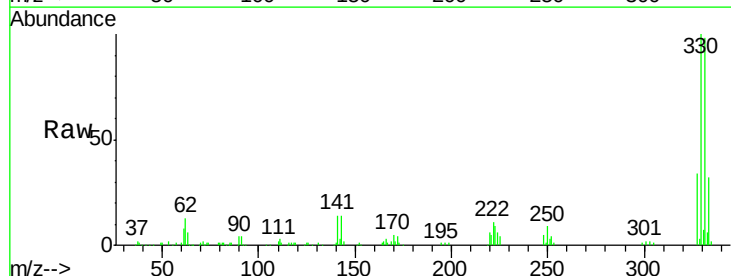
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

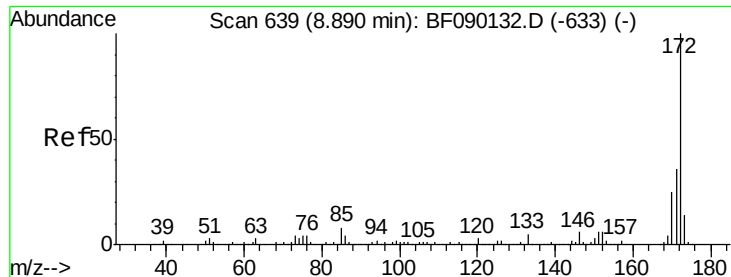
Tgt Ion:164 Resp: 259118
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.4 122.2
 160 44.2 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 61.83 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Tgt Ion:330 Resp: 137449
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 30.9 23.9 35.9

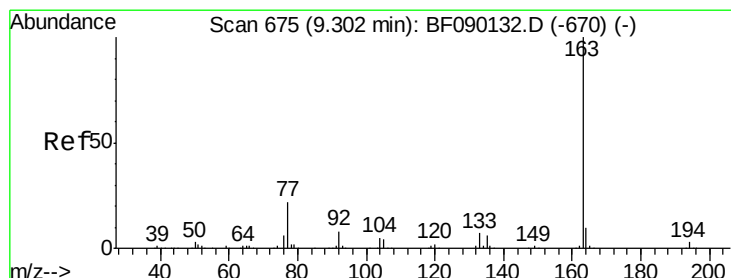
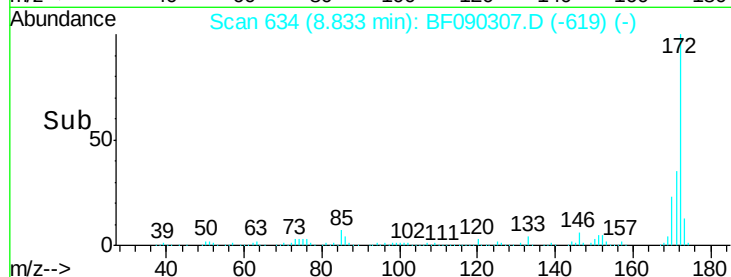
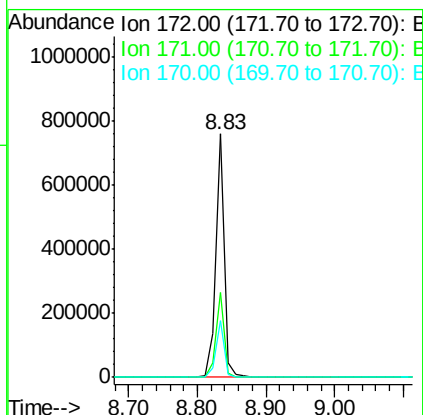
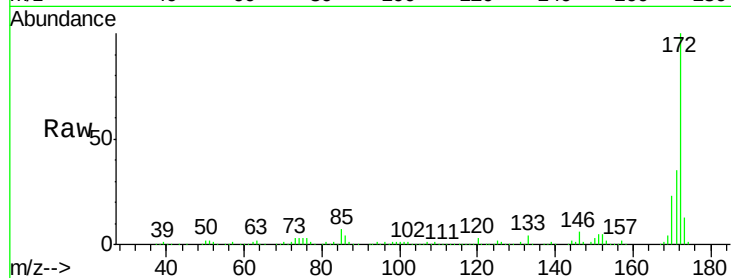




#44
 2-Fluorobiphenyl
 Concen: 50.90 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

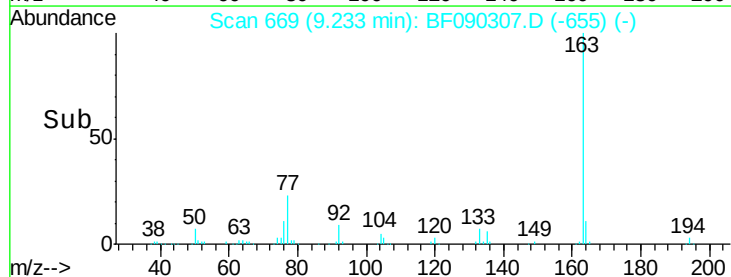
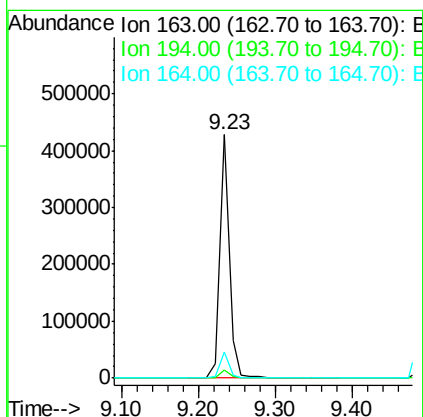
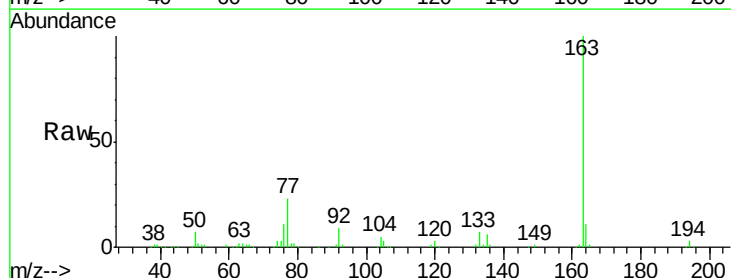
Instrument :
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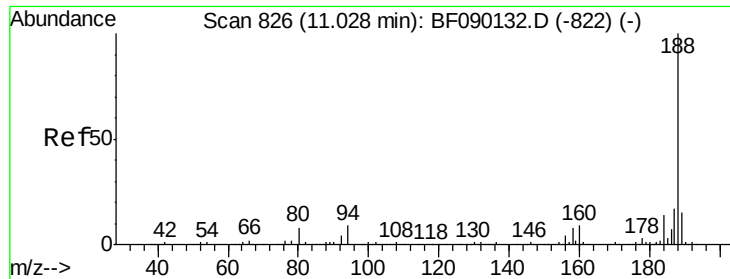
Tgt Ion:172 Resp: 671792
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.2 43.8
 170 23.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 22.37 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Tgt Ion:163 Resp: 369177
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.5 8.1 12.1

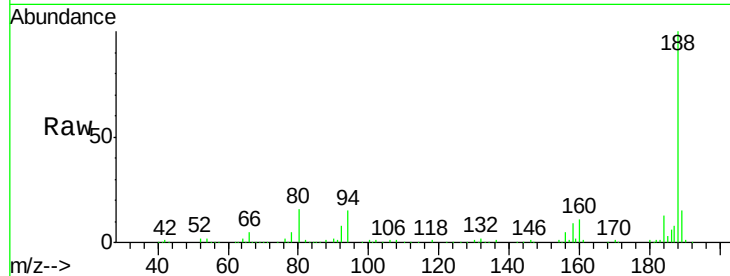




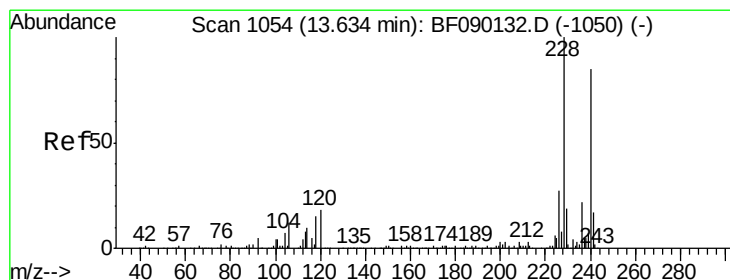
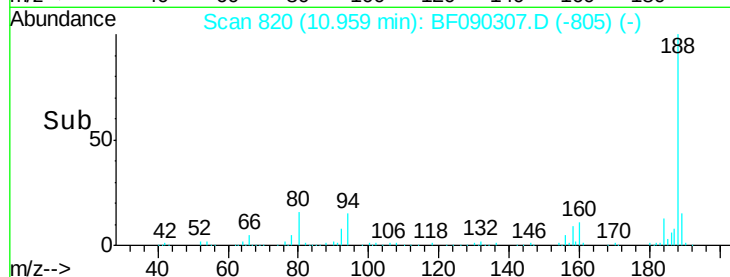
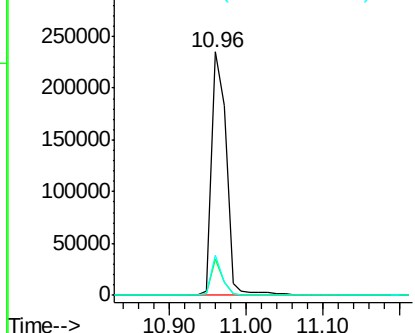
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3

Tgt Ion:188 Resp: 311083
Ion Ratio Lower Upper
188 100
94 14.8 10.5 15.7
80 16.4 11.2 16.8

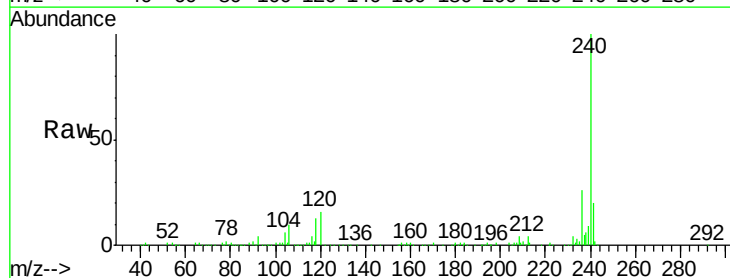


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

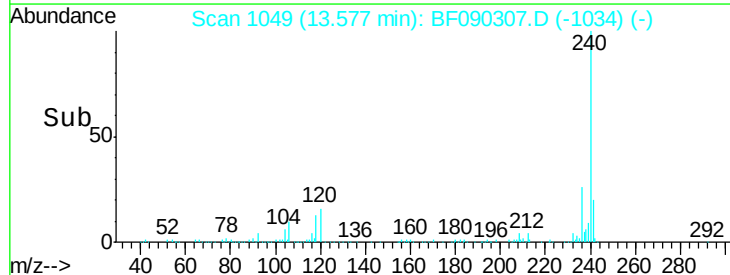
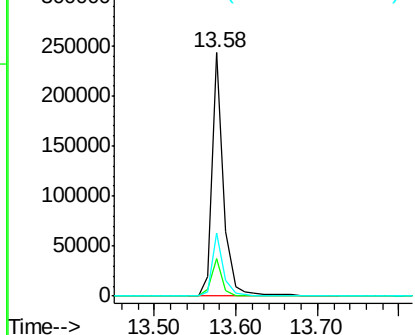


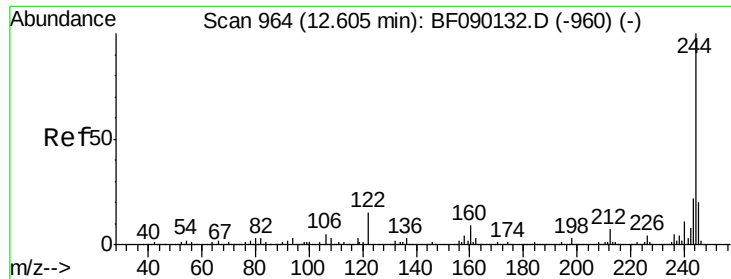
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

Tgt Ion:240 Resp: 243382
Ion Ratio Lower Upper
240 100
120 15.5 10.6 16.0
236 25.9 21.6 32.4



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

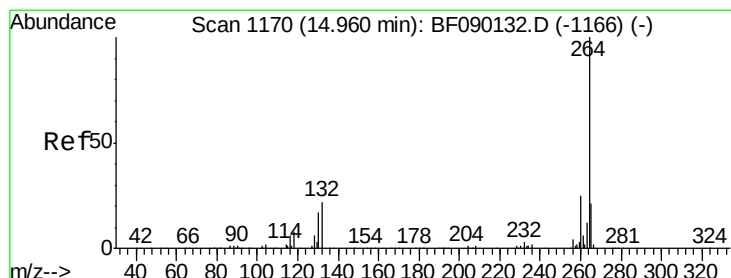
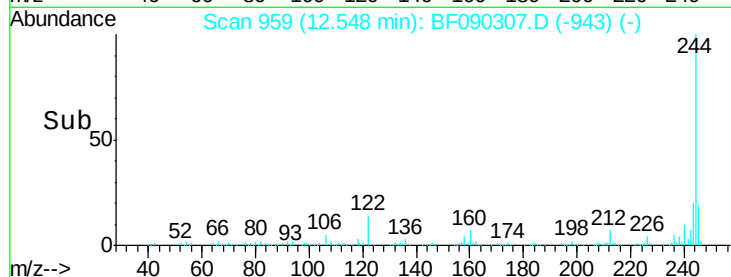
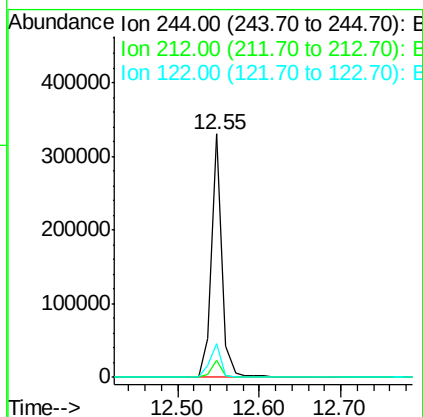
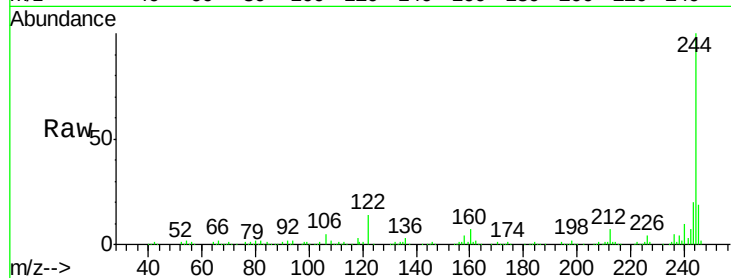




#78
 Terphenyl-d14
 Concen: 31.83 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Instrument :
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 ClientSampleId :
 COMPOSITE-3

Tgt Ion:244 Resp: 305120
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 14.0 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Tgt Ion:264 Resp: 186522
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.0 25.4

