

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091079.D
 Acq On : 8 Nov 2016 12:50
 Operator : UM/SJ
 Sample : H5526-18DL2 100X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL2

Quant Time: Nov 08 14:02:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

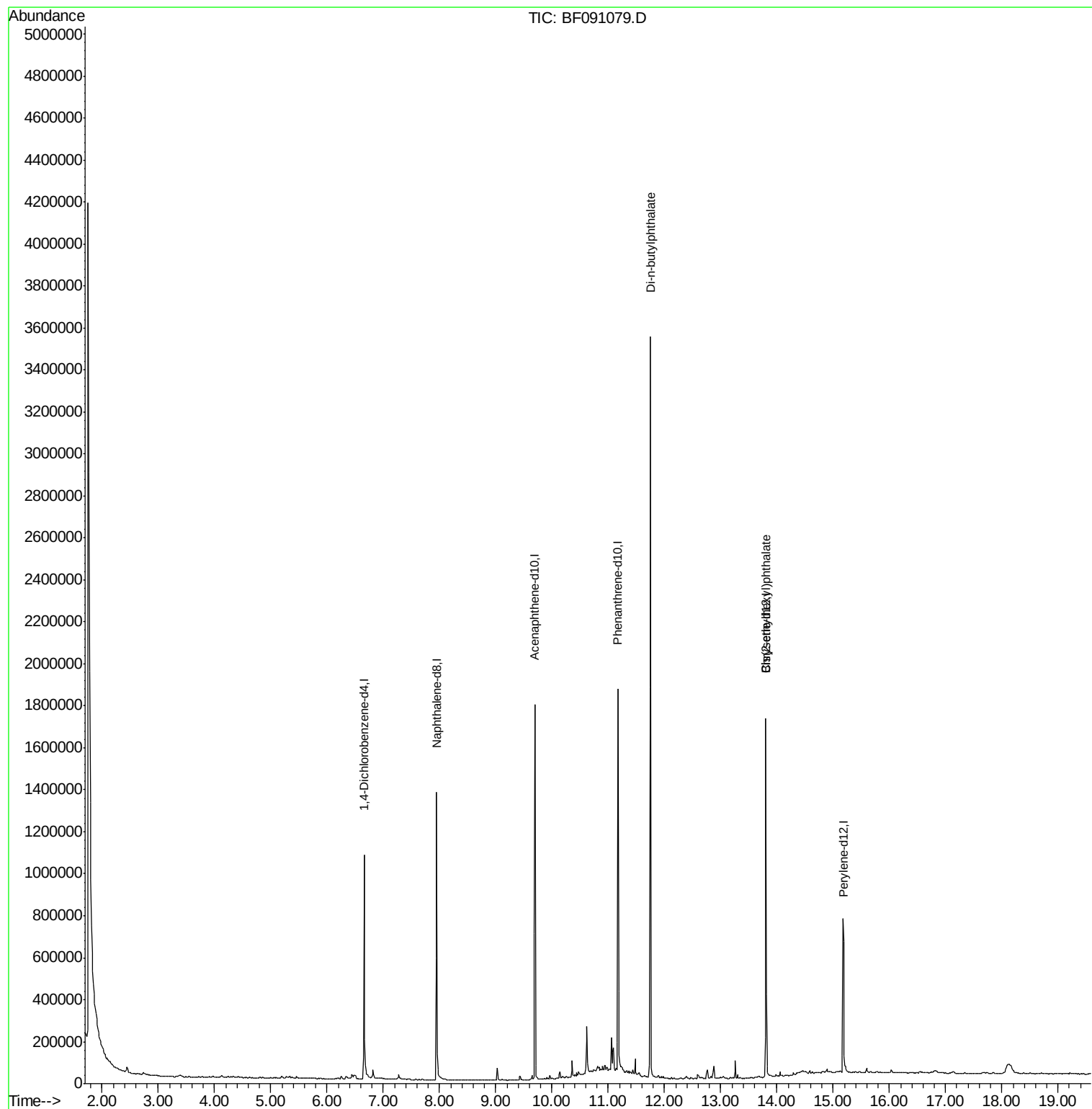
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168706	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	748268	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	406478	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	644238	20.00	ng	0.00
75) Chrysene-d12	13.80	240	518027	20.00	ng	-0.01
86) Perylene-d12	15.19	264	385320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	5861	0.57	ng	0.03
7) Phenol-d6	6.34	99	14048	1.01	ng	0.02
23) Nitrobenzene-d5	7.26	82	12360	0.90	ng	0.02
41) 2,4,6-Tribromophenol	10.49	330	1712	0.47	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	24523	1.04	ng	-0.01
78) Terphenyl-d14	12.76	244	18972	0.91	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.76	149	2150947	52.12	ng	Qvalue 99
83) Bis(2-ethylhexyl)phthalate	13.80	149	70451	3.21	ng	# 100

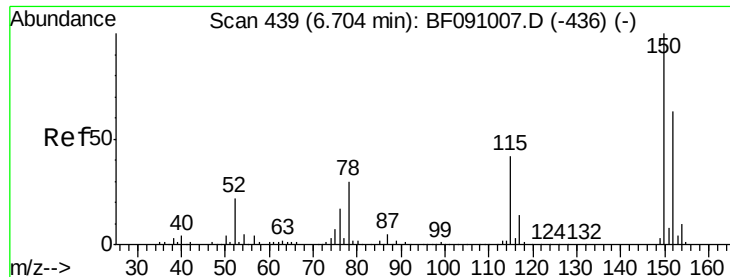
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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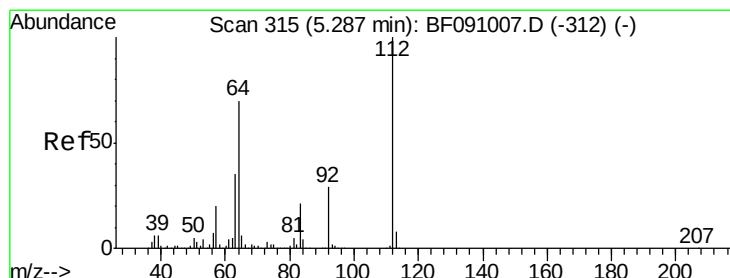
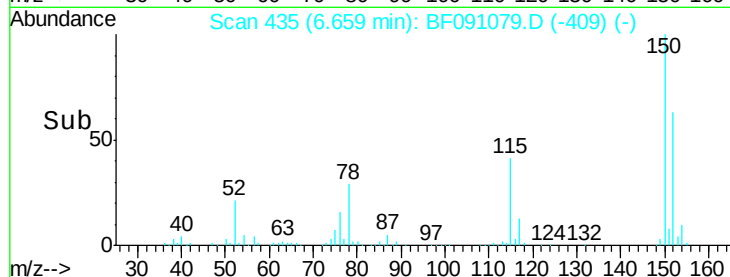
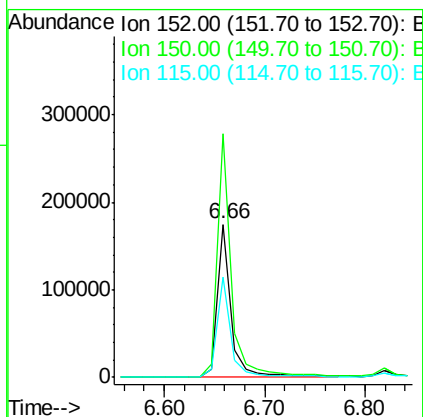
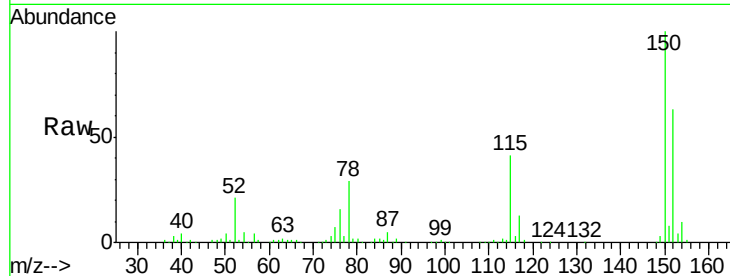


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091079.D
Acq: 8 Nov 2016 12:50

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5DL2

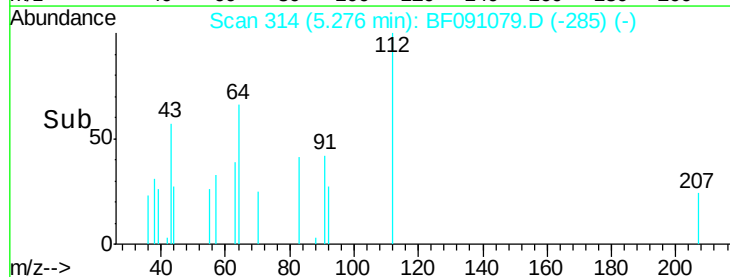
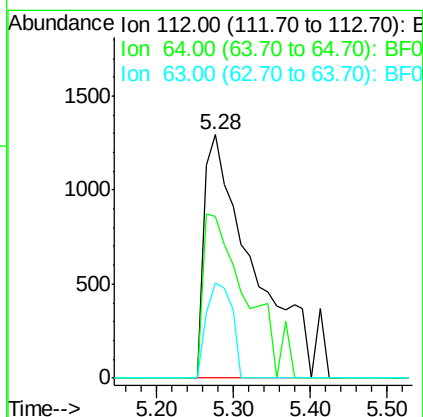
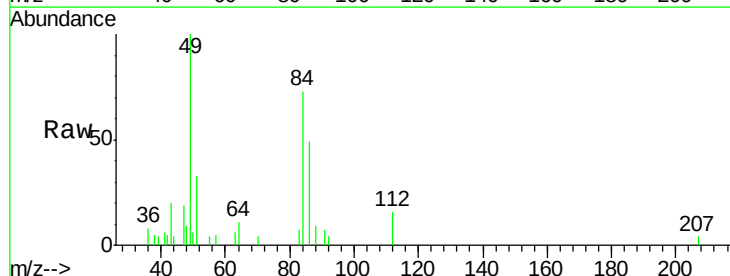
Tot Ion:152 Resp: 168706
Ion Ratio Lower Upper
152 100
150 159.4 126.8 190.2
115 65.5 53.3 79.9

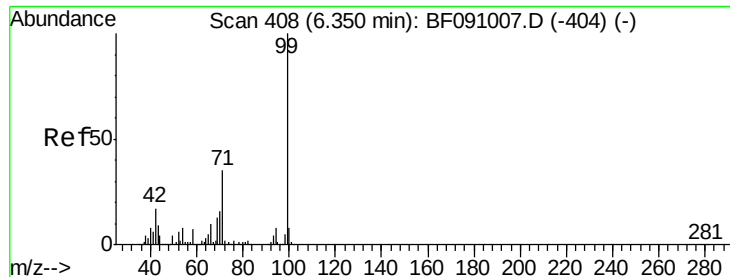


#5

2-Fluorophenol
Concen: 0.57 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.03 min
Lab File: BF091079.D
Acq: 8 Nov 2016 12:50

Tgt Ion:112 Resp: 5861
Ion Ratio Lower Upper
112 100
64 66.2 55.8 83.6
63 39.2 28.0 42.0





#7

Phenol-d6

Concen: 1.01 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.02 min

Lab File: BF091079.D

Acq: 8 Nov 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5DL2

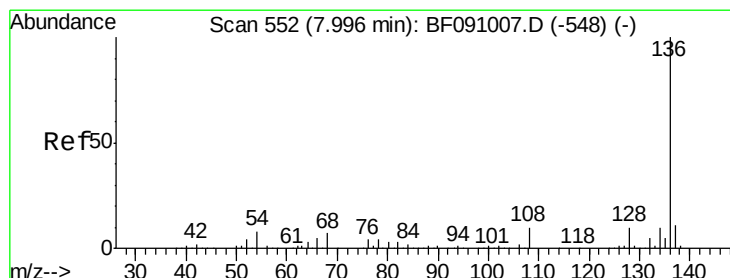
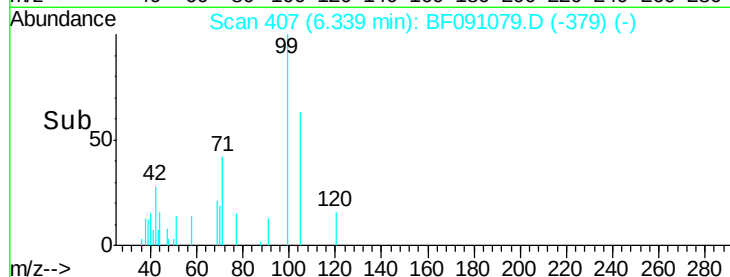
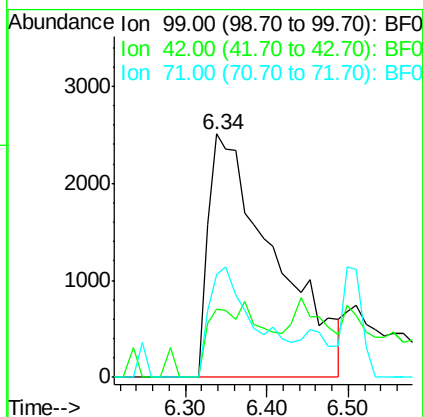
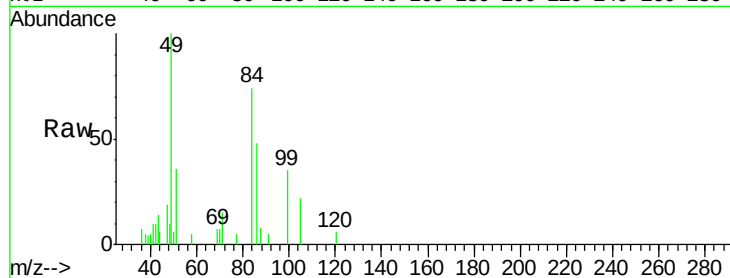
Tot Ion: 99 Resp: 14048

Ion Ratio Lower Upper

99 100

42 28.2 13.9 20.9#

71 42.4 27.8 41.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091079.D

Acq: 8 Nov 2016 12:50

Tgt Ion: 136 Resp: 748268

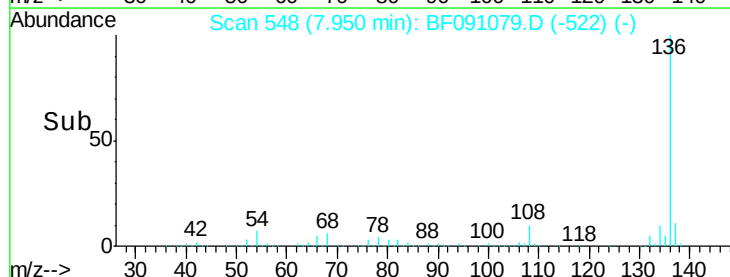
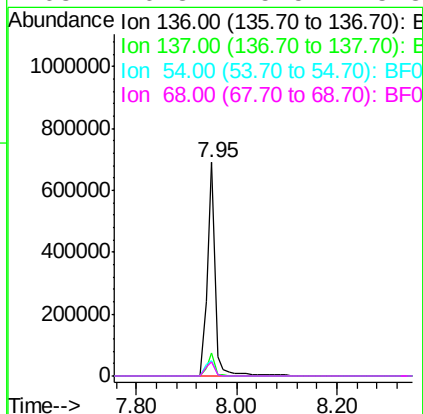
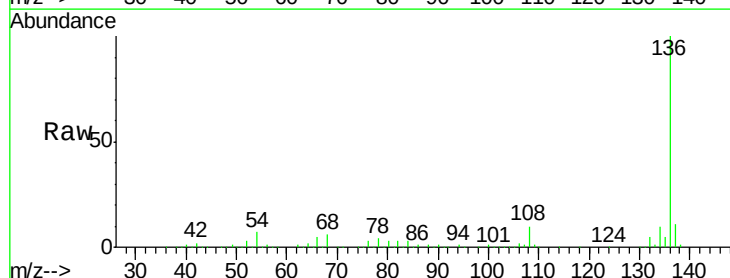
Ion Ratio Lower Upper

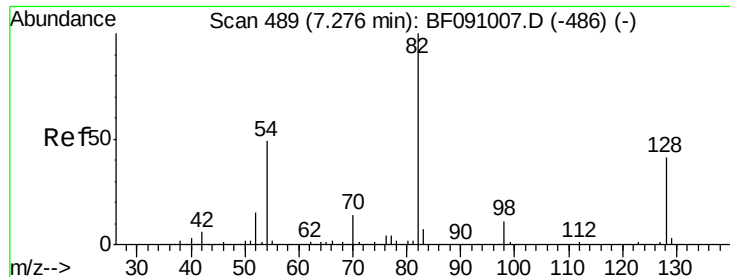
136 100

137 10.9 8.9 13.3

54 7.1 6.2 9.2

68 6.3 5.5 8.3

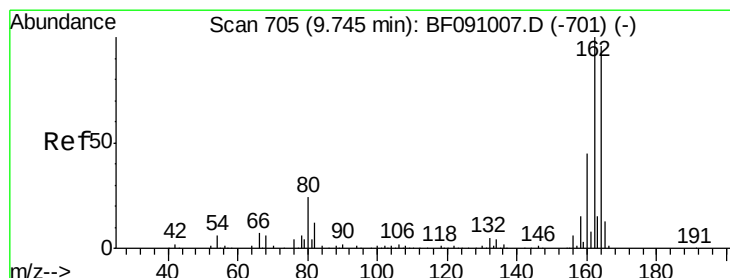
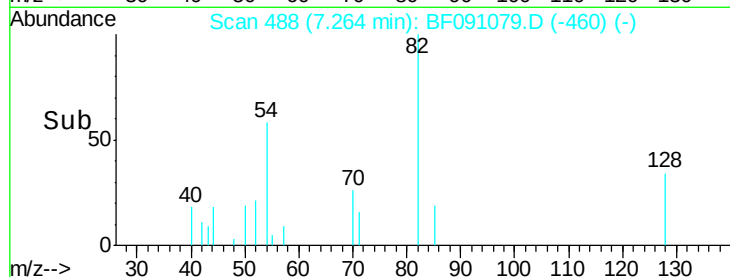
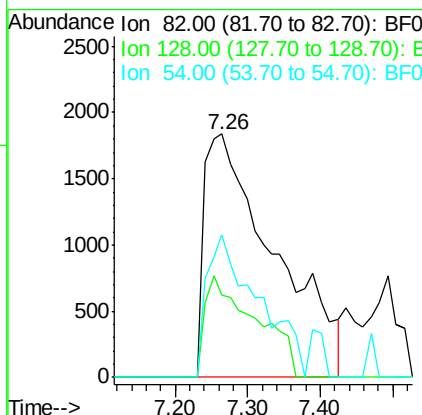
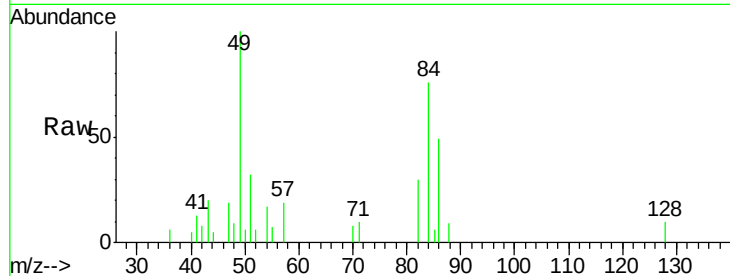




#23
 Nitrobenzene-d5
 Concen: 0.90 ng
 RT: 7.26 min Scan# 488
 Delta R.T. 0.02 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

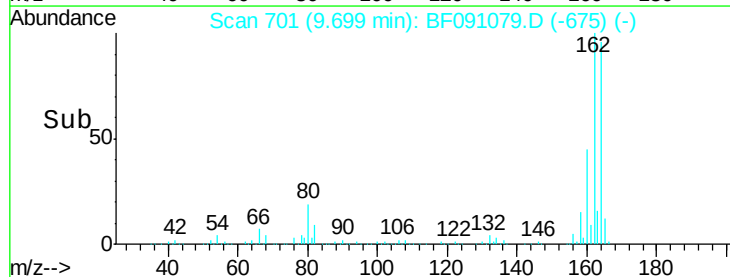
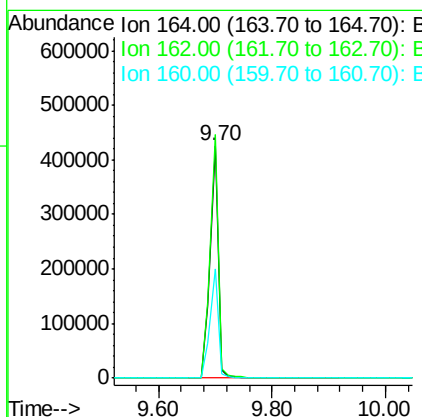
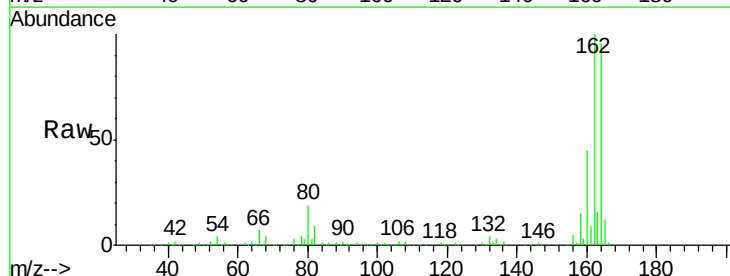
Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL2

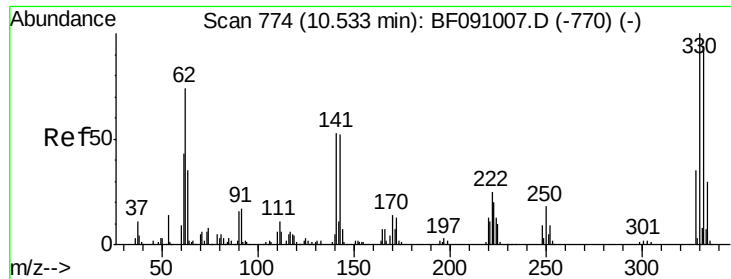
Tot Ion	82	Resp	12360
Ion Ratio	Lower	Upper	
82	100		
128	33.9	32.4	48.6
54	58.3	39.2	58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

Tgt Ion	164	Resp	406478
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.6	125.4
160	47.1	37.9	56.9

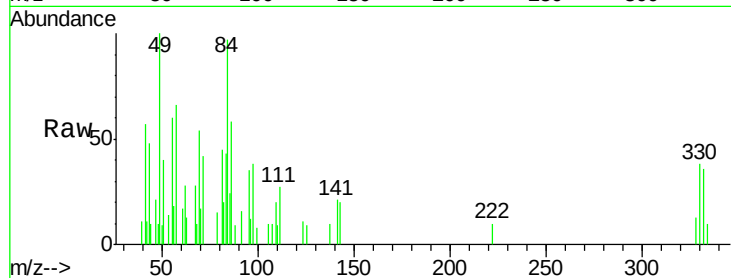




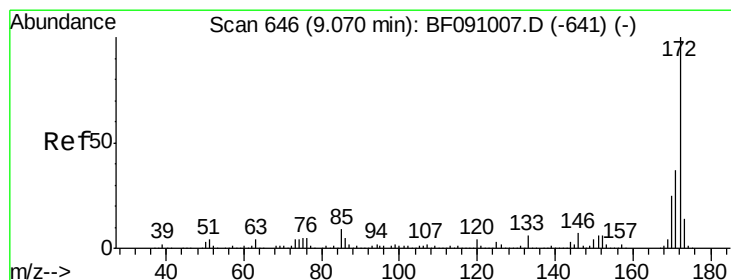
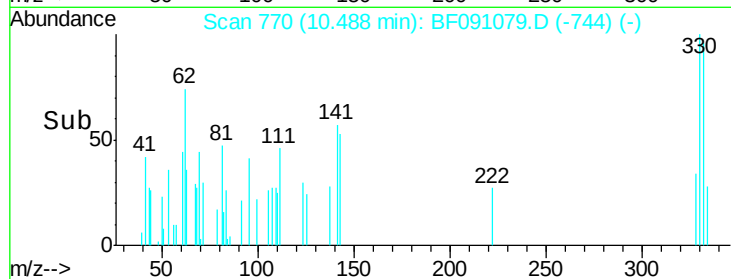
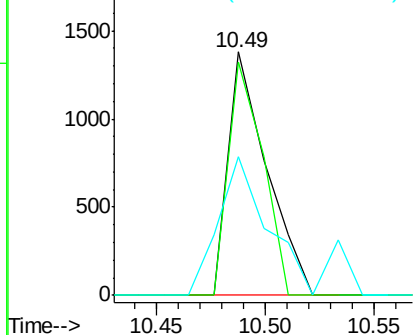
#41
 2,4,6-Tribromophenol
 Concen: 0.47 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL2

Tot Ion	Ratio	Lower	Upper
330	100		
332	84.5	75.9	113.9
141	85.1	36.1	54.1#

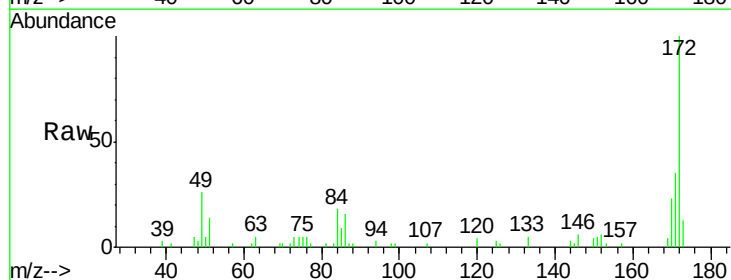


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

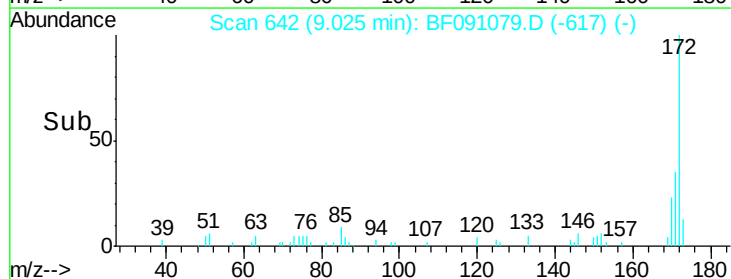
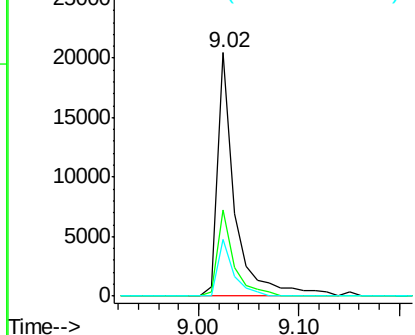


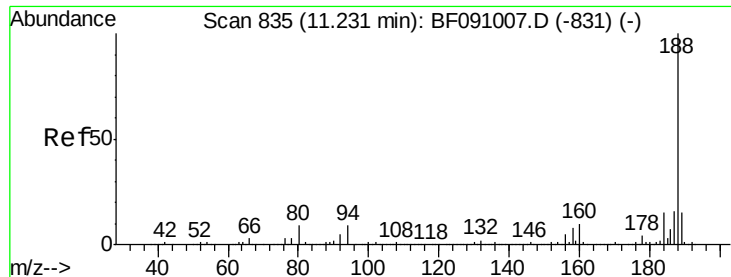
#44
 2-Fluorobiphenyl
 Concen: 1.04 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.1	20.3	30.5



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

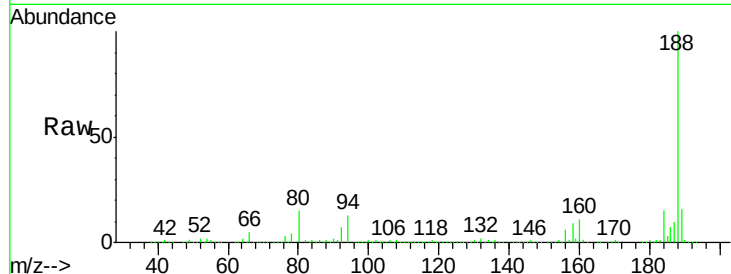




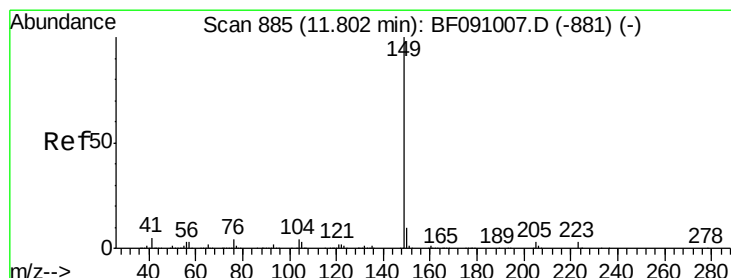
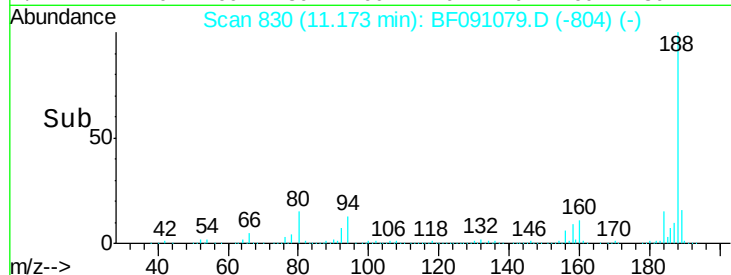
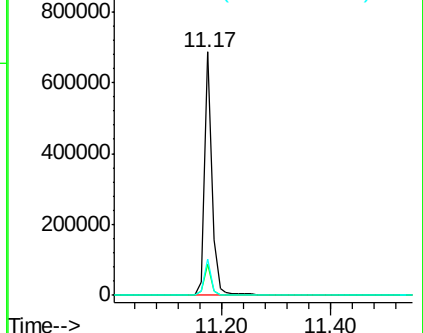
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091079.D
Acq: 8 Nov 2016 12:50

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5DL2

Tot Ion:188 Resp: 644238
Ion Ratio Lower Upper
188 100
94 13.0 7.0 10.4#
80 14.7 7.5 11.3#

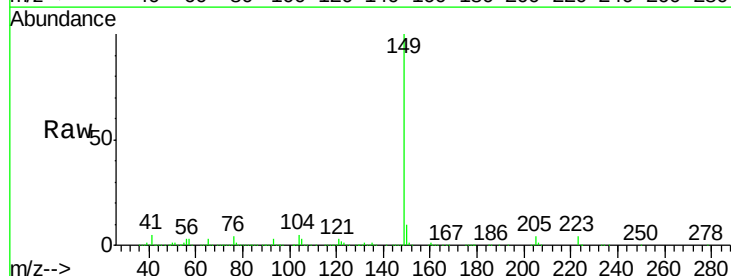


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

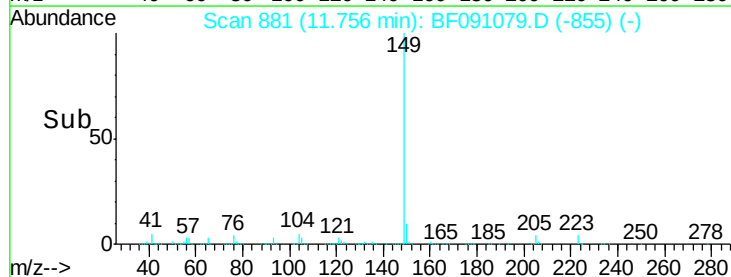
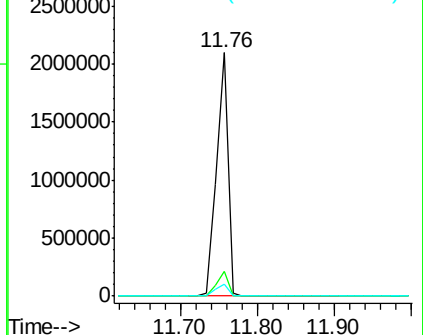


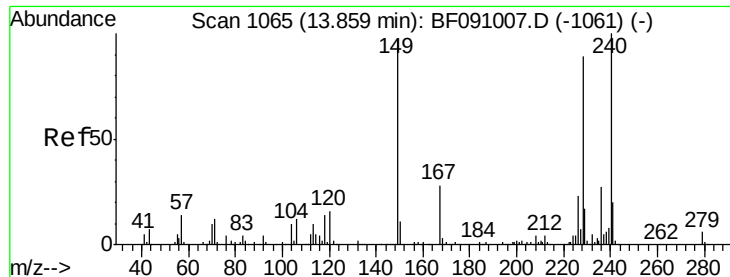
#73
Di-n-butylphthalate
Concen: 52.12 ng
RT: 11.76 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF091079.D
Acq: 8 Nov 2016 12:50

Tgt Ion:149 Resp: 2150947
Ion Ratio Lower Upper
149 100
150 10.1 7.7 11.5
104 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091079.D

Acq: 8 Nov 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5DL2

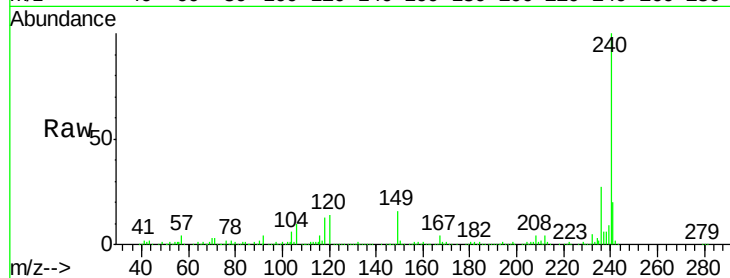
Tot Ion:240 Resp: 518027

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

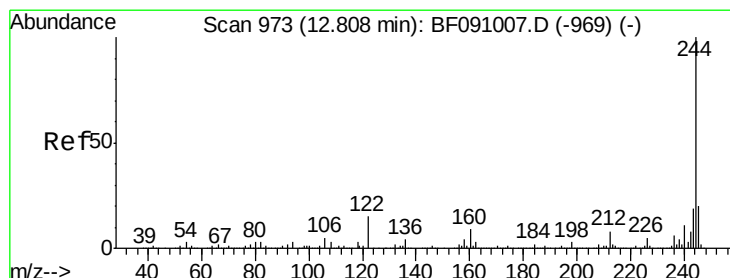
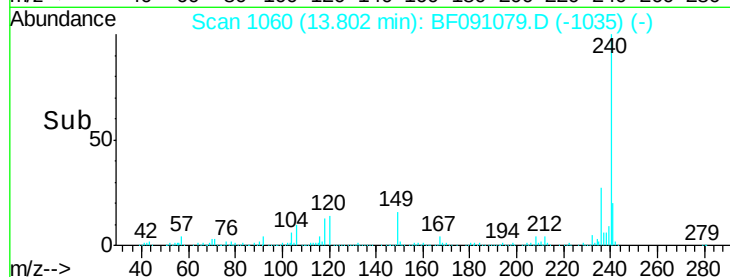
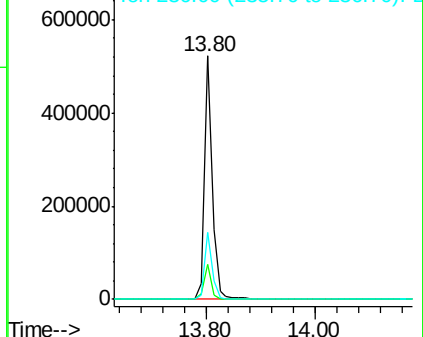
236 27.4 21.9 32.9



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: 0.91 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091079.D

Acq: 8 Nov 2016 12:50

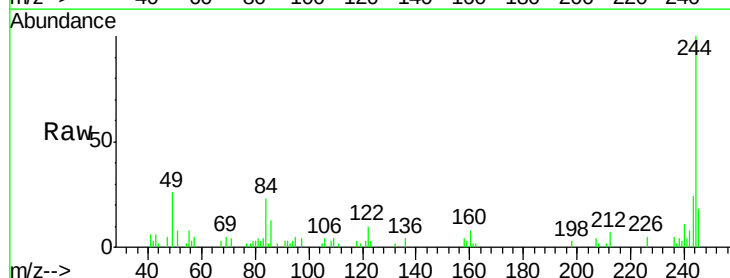
Tgt Ion:244 Resp: 18972

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

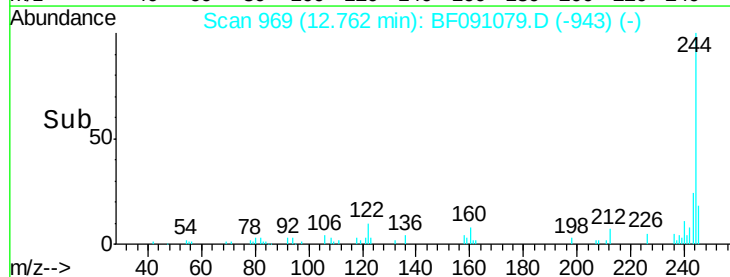
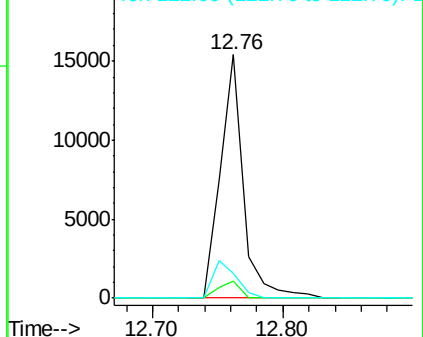
122 10.1 12.3 18.5#

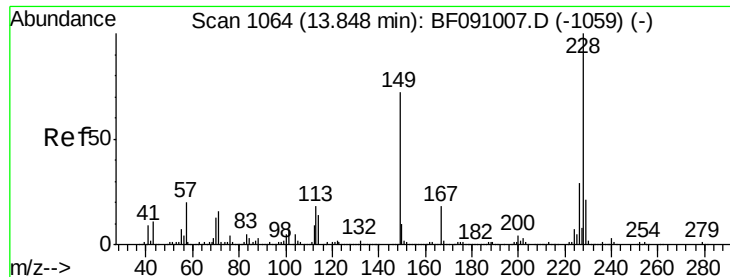


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



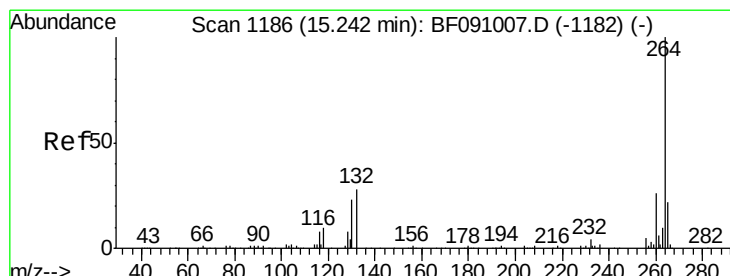
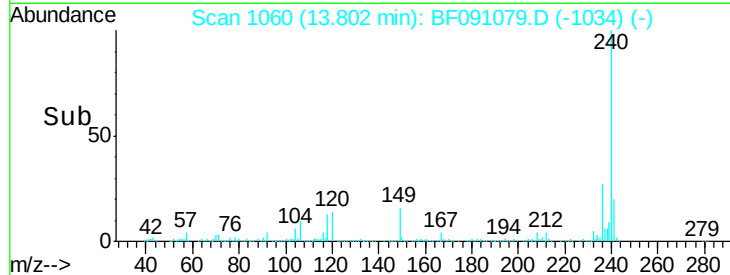
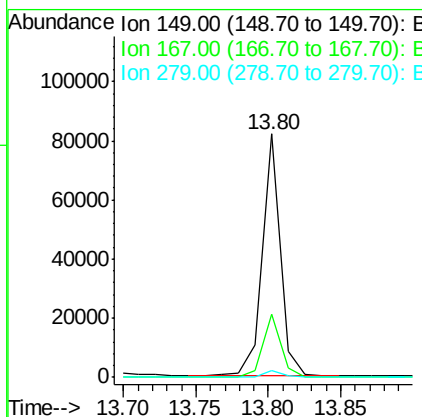
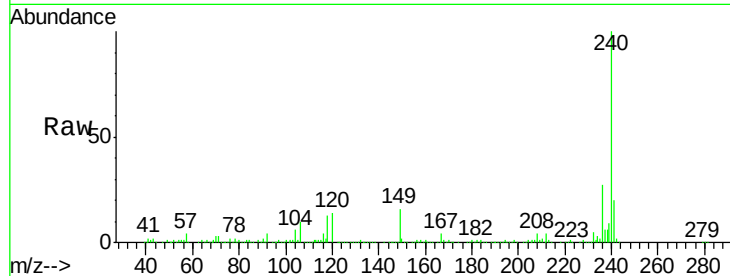


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.21 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL2

Tot Ion:149 Resp: 70451

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.4	30.6
279	2.8	1.6	2.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF091079.D
 Acq: 8 Nov 2016 12:50

Tgt Ion:264 Resp: 385320

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	20.7	17.8	26.8

