

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096773.D
 Acq On : 14 Jul 2017 14:03
 Operator : SJ/JU
 Sample : I4172-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESW

Quant Time: Jul 14 18:15:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

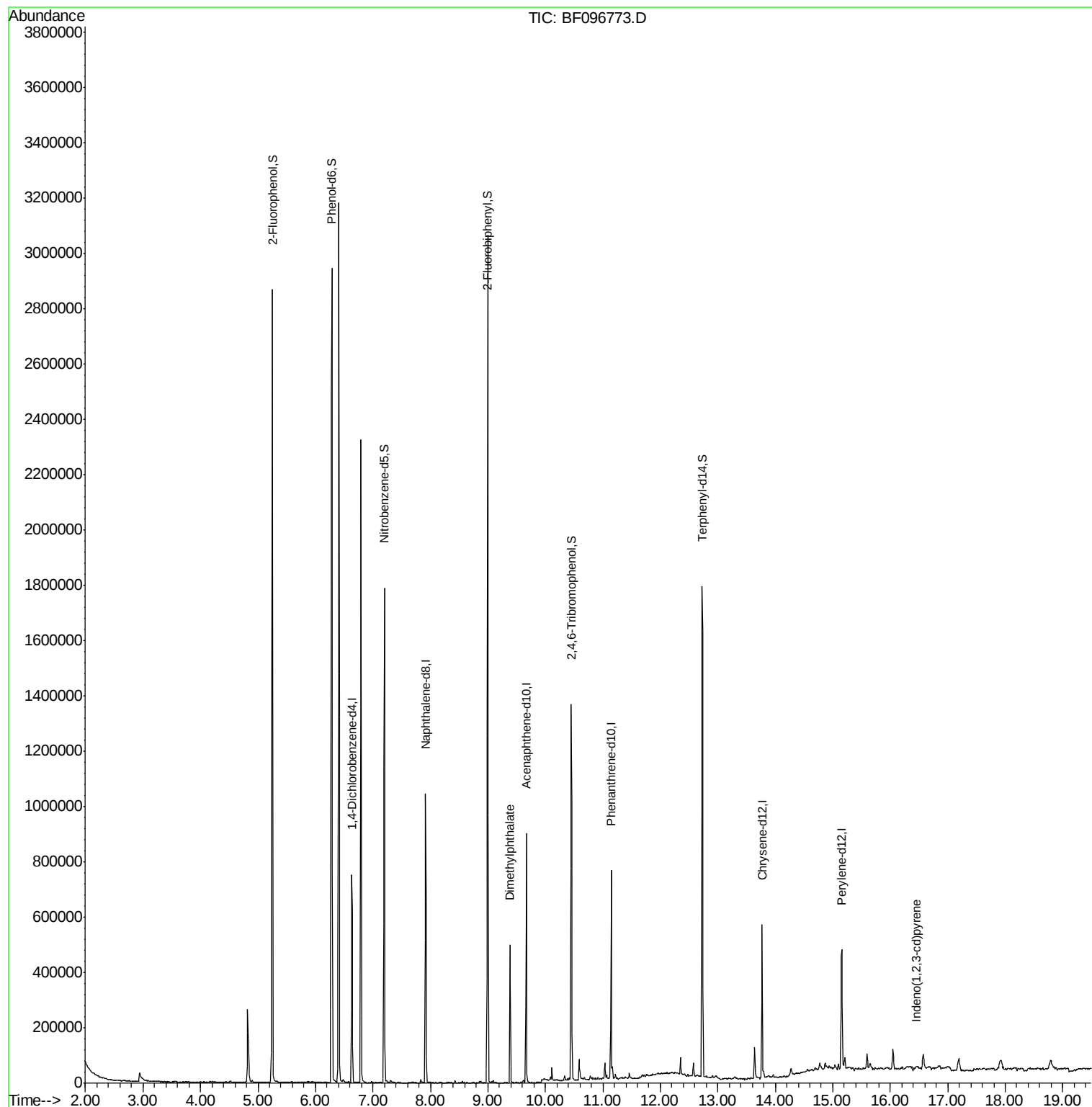
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106120	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	435687	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	181905	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	258469	20.00	ng	0.00
75) Chrysene-d12	13.77	240	175407	20.00	ng	0.00
86) Perylene-d12	15.16	264	179987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	868305	123.03	ng	0.02
7) Phenol-d6	6.29	99	1115119	131.66	ng	0.00
23) Nitrobenzene-d5	7.20	82	624654	88.81	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	143237	92.25	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	985339	85.58	ng	0.00
78) Terphenyl-d14	12.73	244	563751	55.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	187985	13.725	ng	98
85) Indeno(1,2,3-cd)pyrene	16.46	276	6808	3.987	ng	# 89

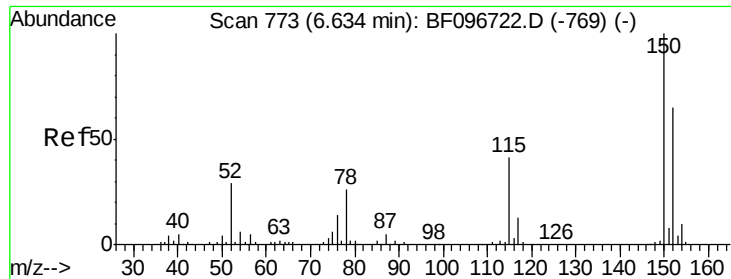
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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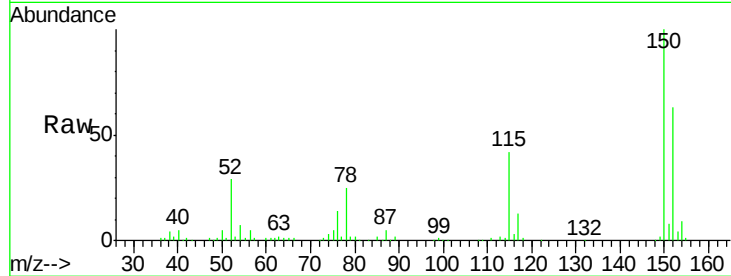


#1

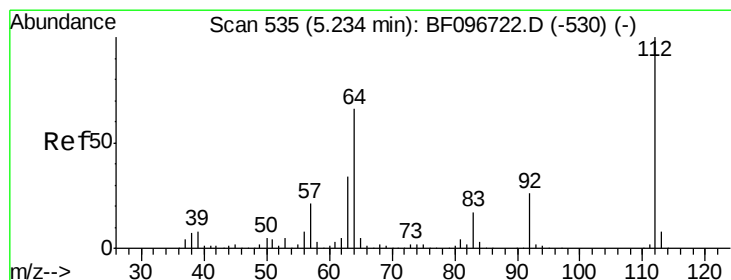
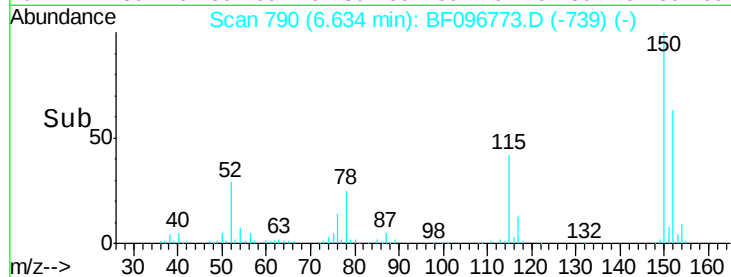
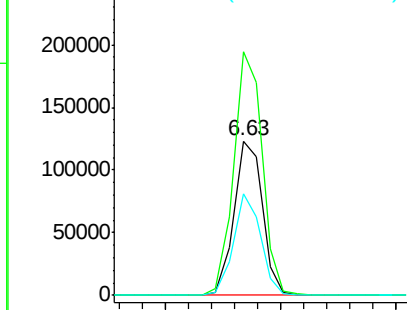
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:152 Resp: 106120
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.7 52.2 78.2



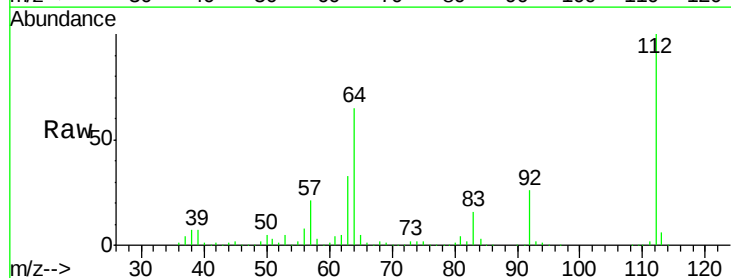
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



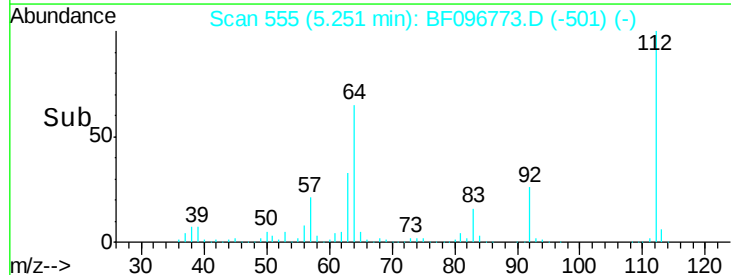
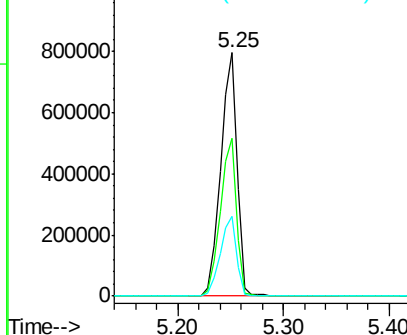
#5

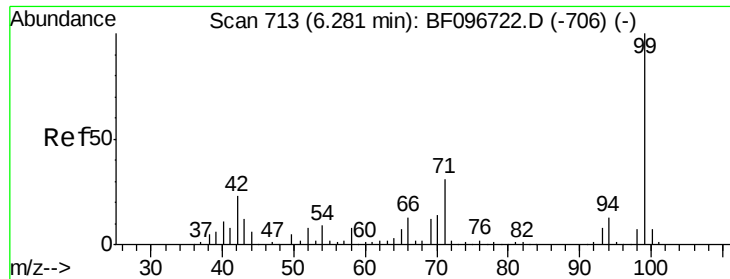
2-Fluorophenol
Concen: 123.028 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:112 Resp: 868305
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.0 23.4 35.0



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: 131.662 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

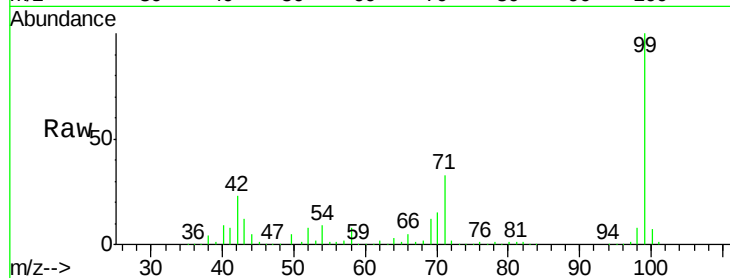
BNA_F

ClientSampleId :

E2-05-ESW

Tgt Ion: 99 Resp: 1115119

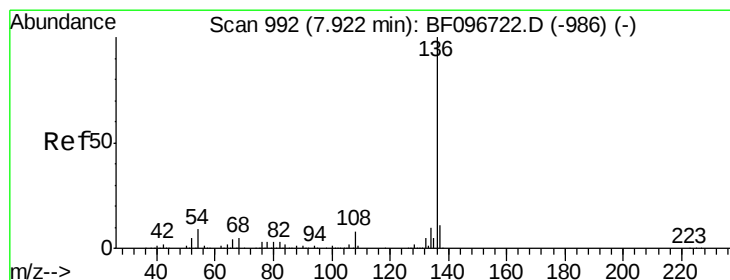
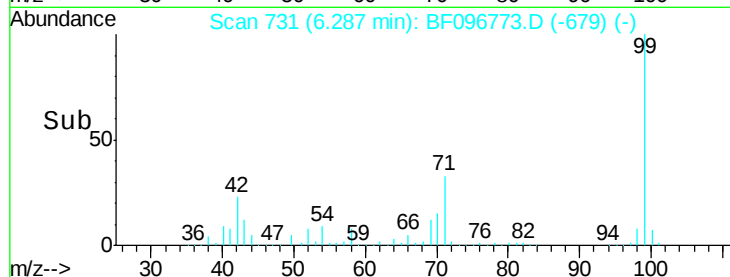
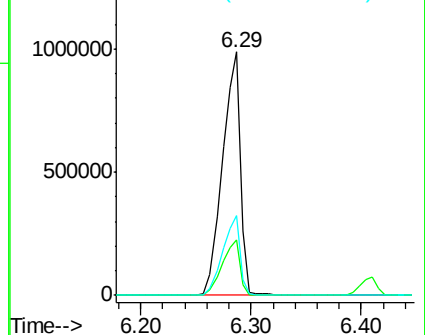
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	32.7	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1008

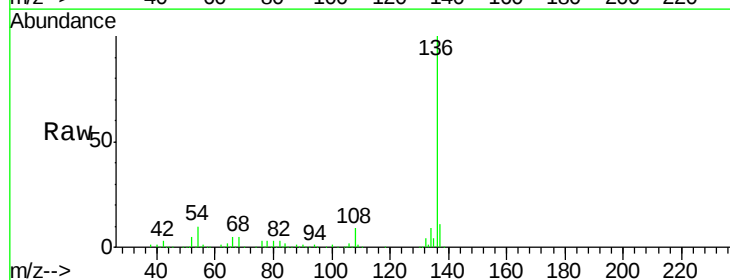
Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Tgt Ion: 136 Resp: 435687

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	4.9	7.3#
68	5.3	4.1	6.1

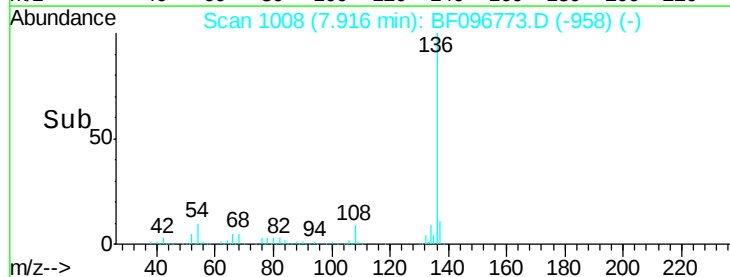
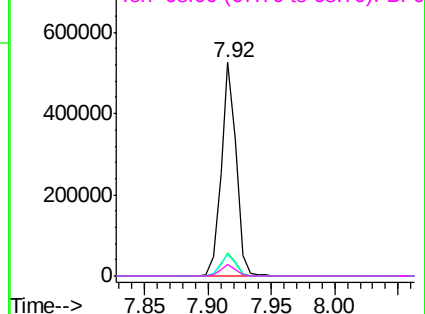


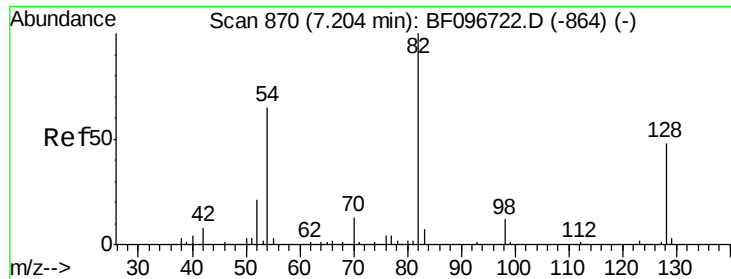
Abundance Ion 136.00 (135.70 to 136.70): E

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

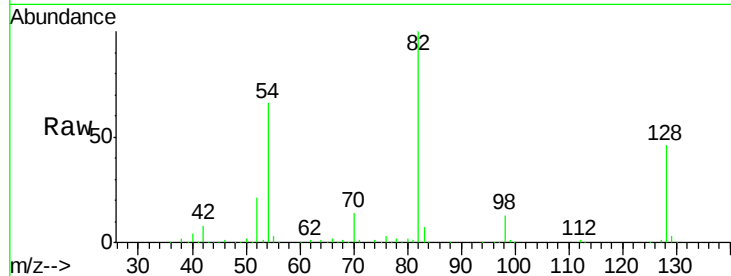




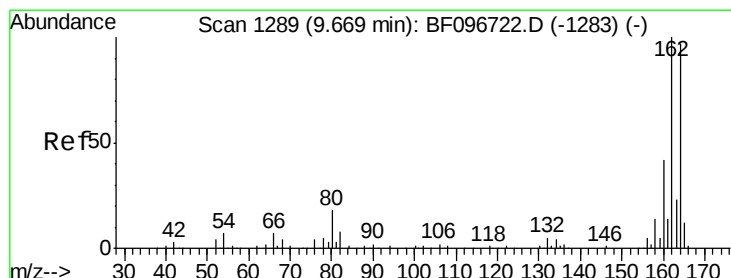
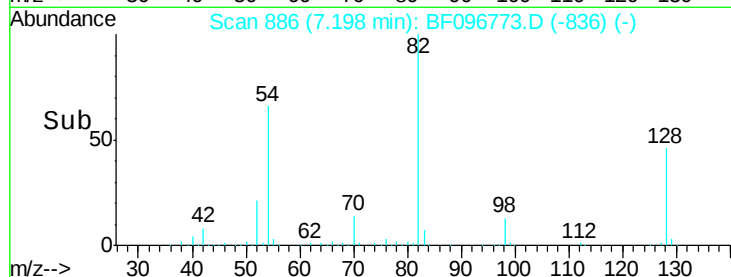
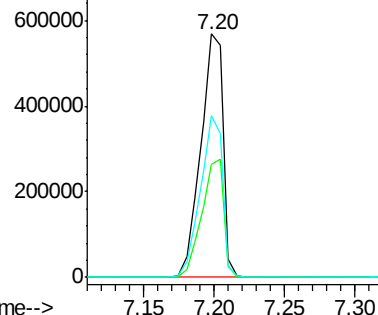
#23
 Nitrobenzene-d5
 Concen: 88.806 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESW

Tgt Ion: 82 Resp: 624654
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 66.3 42.2 63.2#

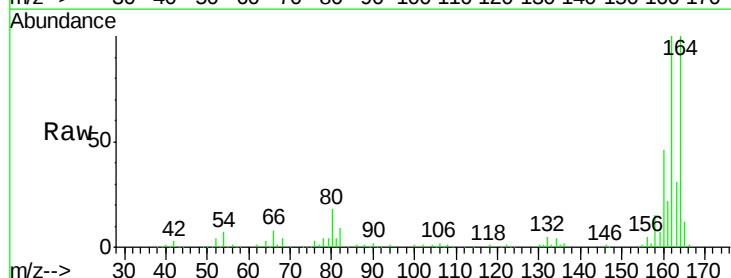


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

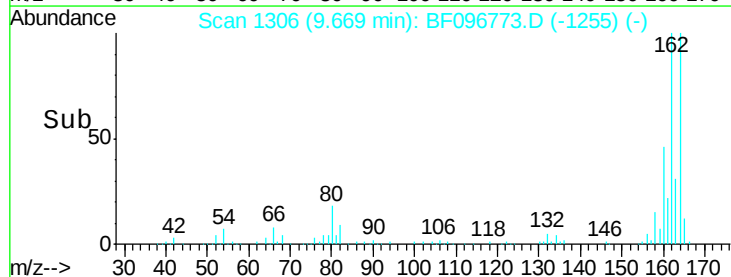
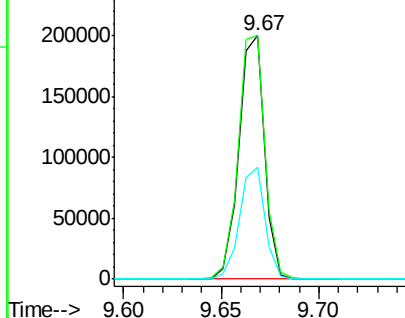


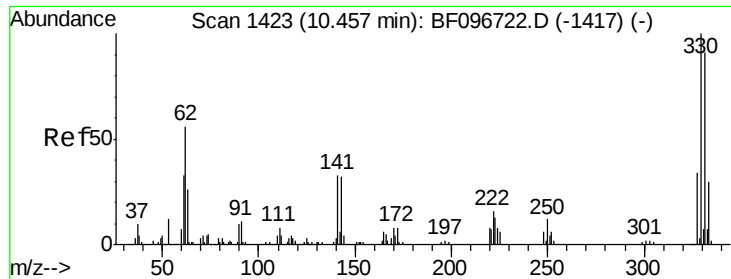
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion: 164 Resp: 181905
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 45.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

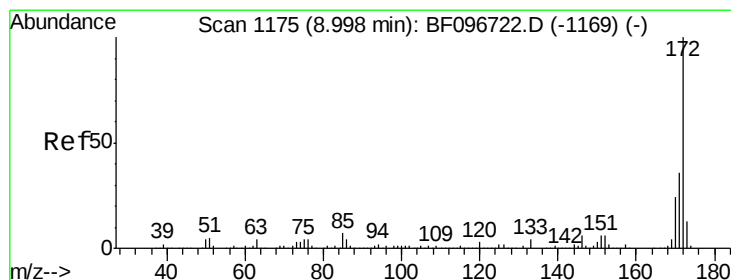
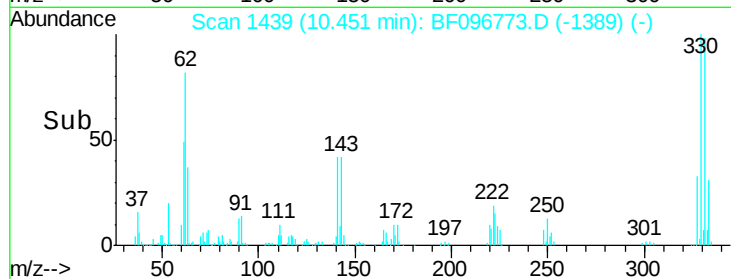
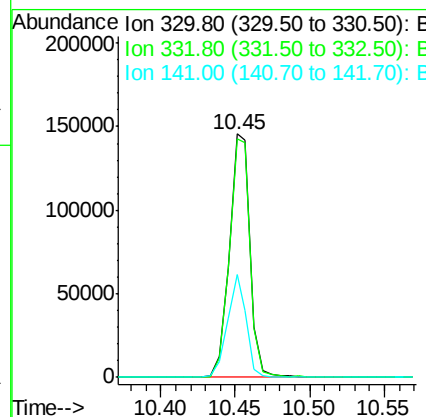
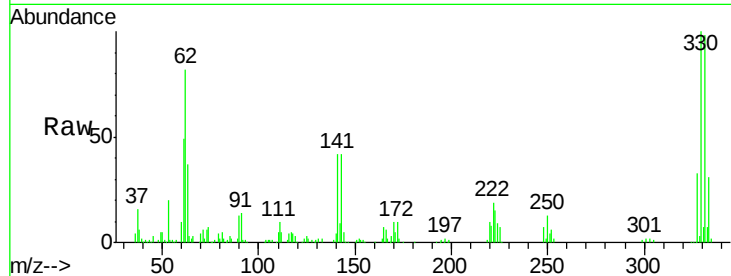




#41
 2,4,6-Tribromophenol
 Concen: 92.249 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

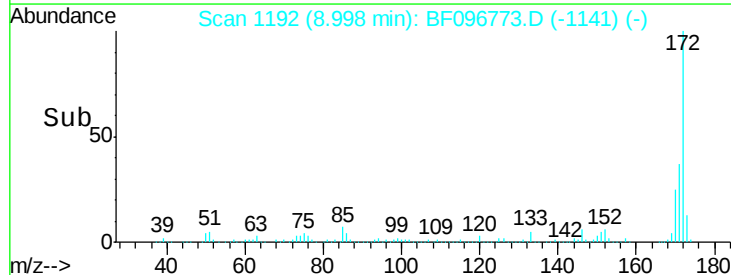
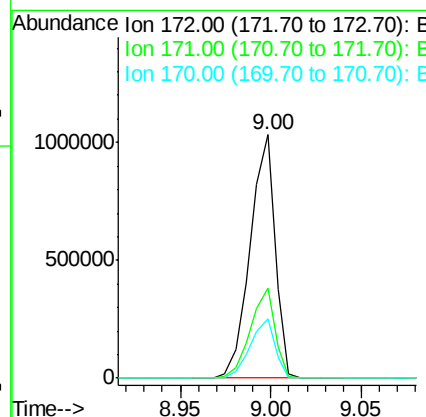
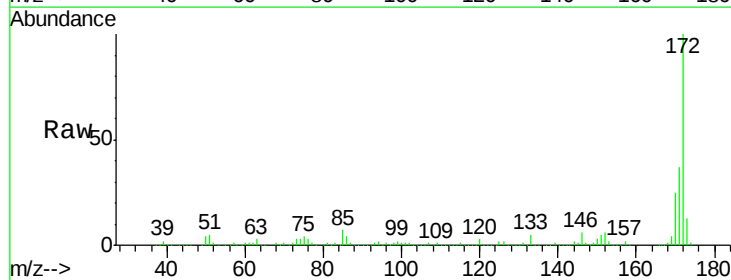
Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESW

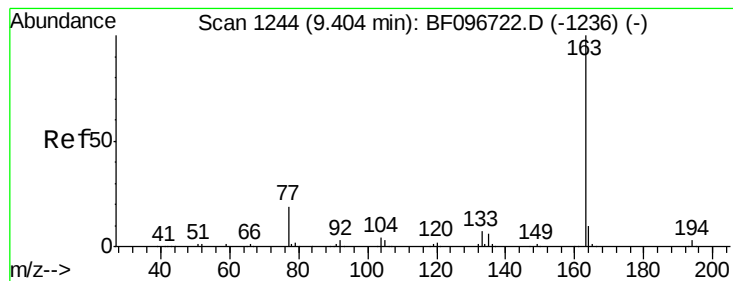
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	38.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 85.581 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 13.725 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

E2-05-ESW

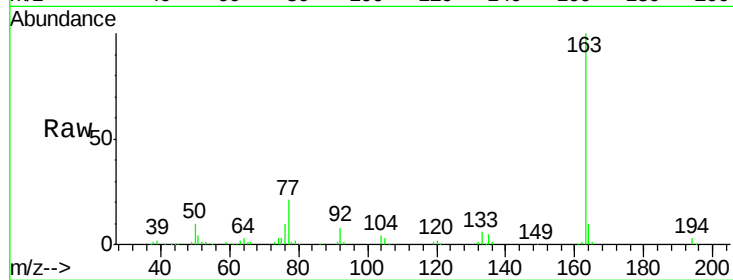
Tgt Ion:163 Resp: 187985

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

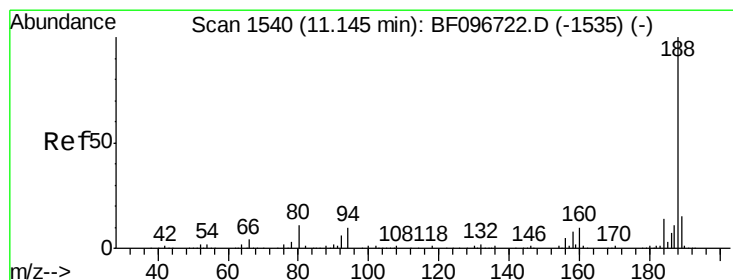
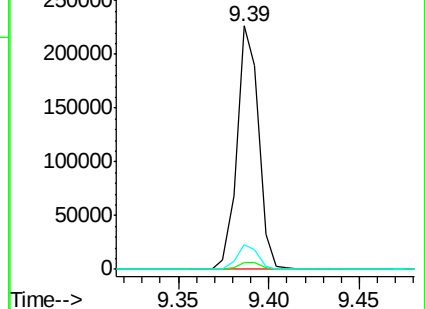
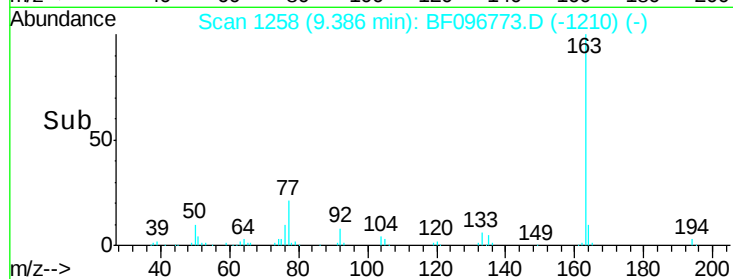
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

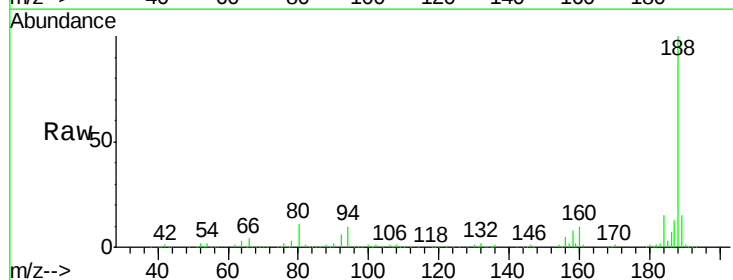
Tgt Ion:188 Resp: 258469

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

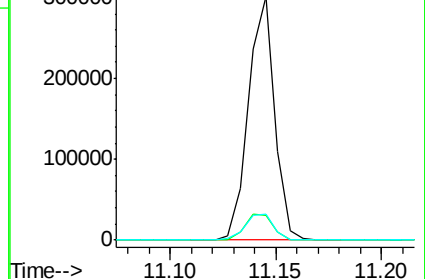
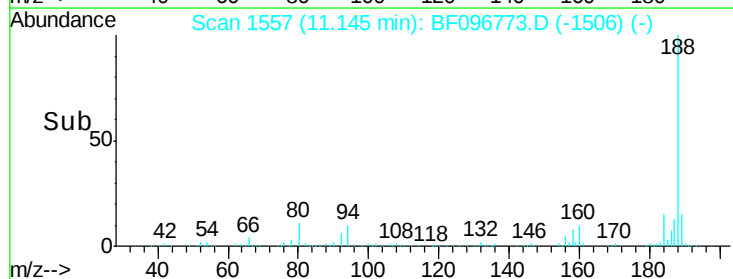
80 10.7 10.2 15.2

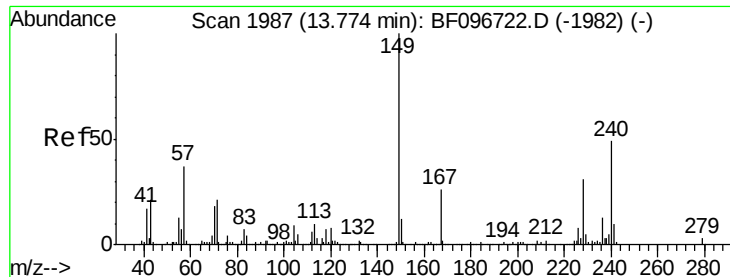


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

E2-05-ESW

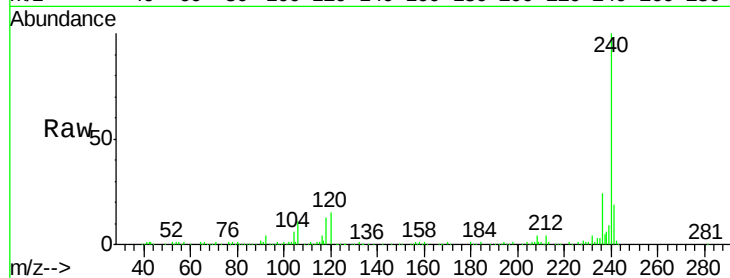
Tgt Ion:240 Resp: 175407

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

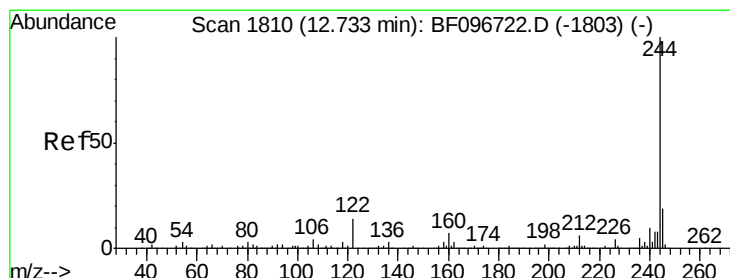
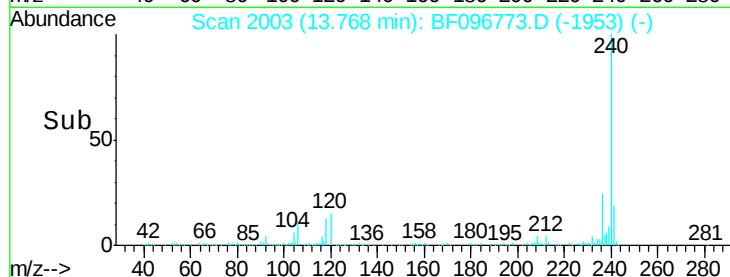
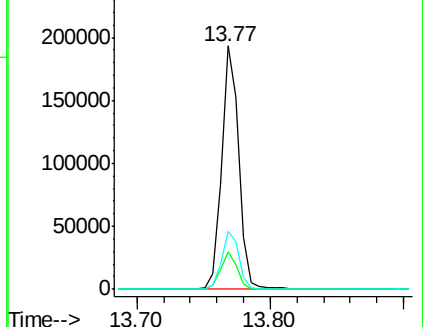
236 24.1 20.5 30.7



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: 55.738 ng

RT: 12.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

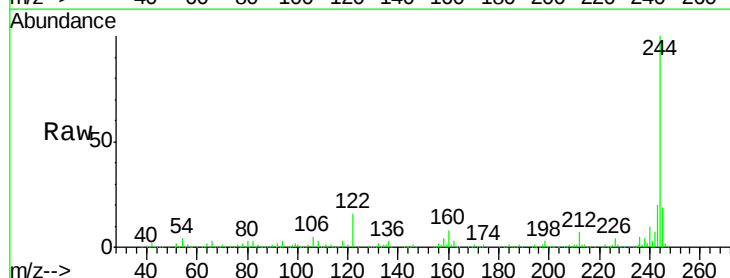
Tgt Ion:244 Resp: 563751

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

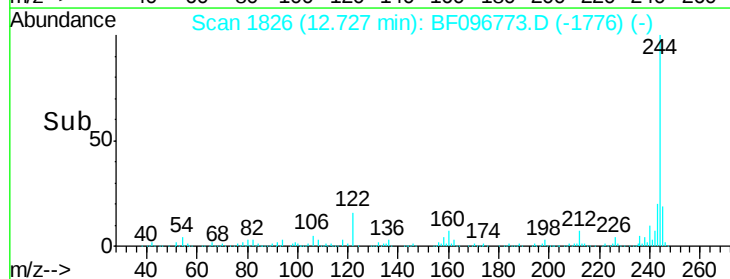
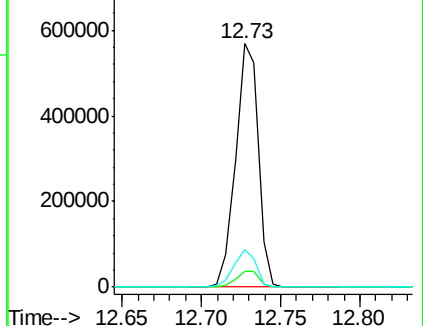
122 15.7 10.3 15.5#

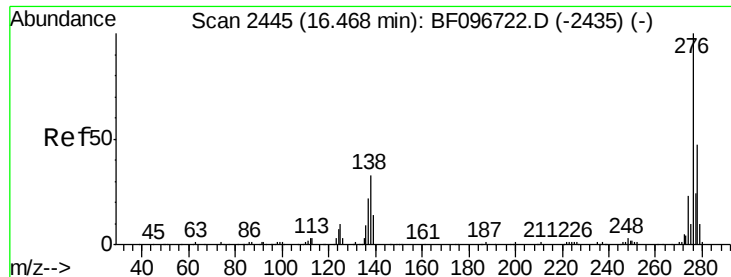


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

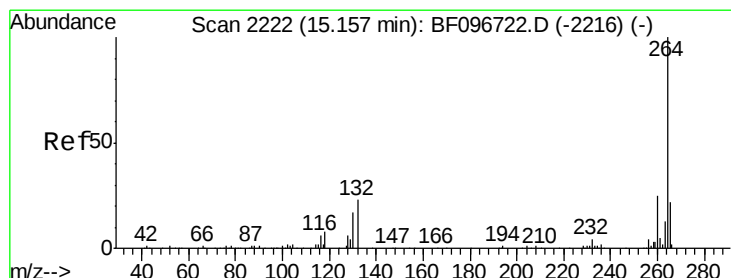
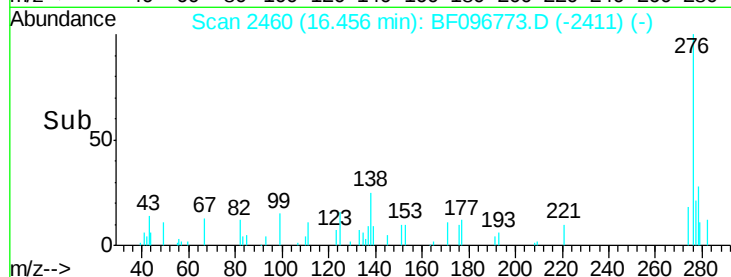
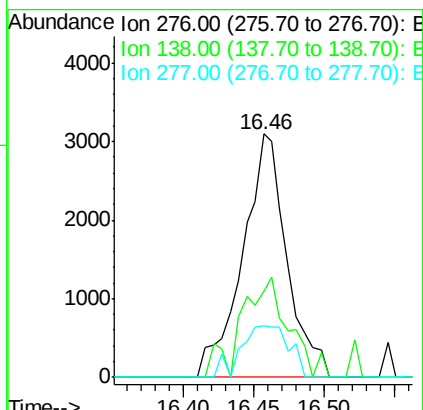
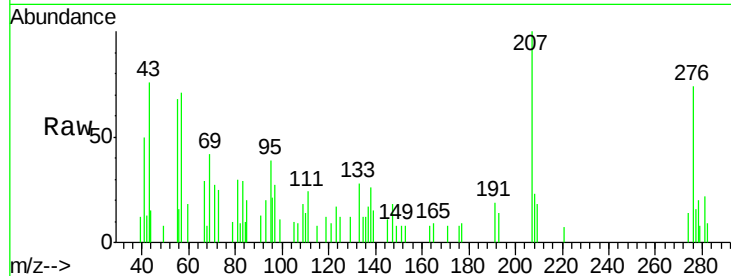




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.987 ng
 RT: 16.46 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESW

Tgt Ion: 276 Resp: 6808
 Ion Ratio Lower Upper
 276 100
 138 44.3 27.8 41.6#
 277 23.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion: 264 Resp: 179987
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.2 25.8

