

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093115.D
 Acq On : 23 Feb 2017 20:17
 Operator : SJ/MA
 Sample : I1954-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

Quant Time: Feb 24 00:21:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

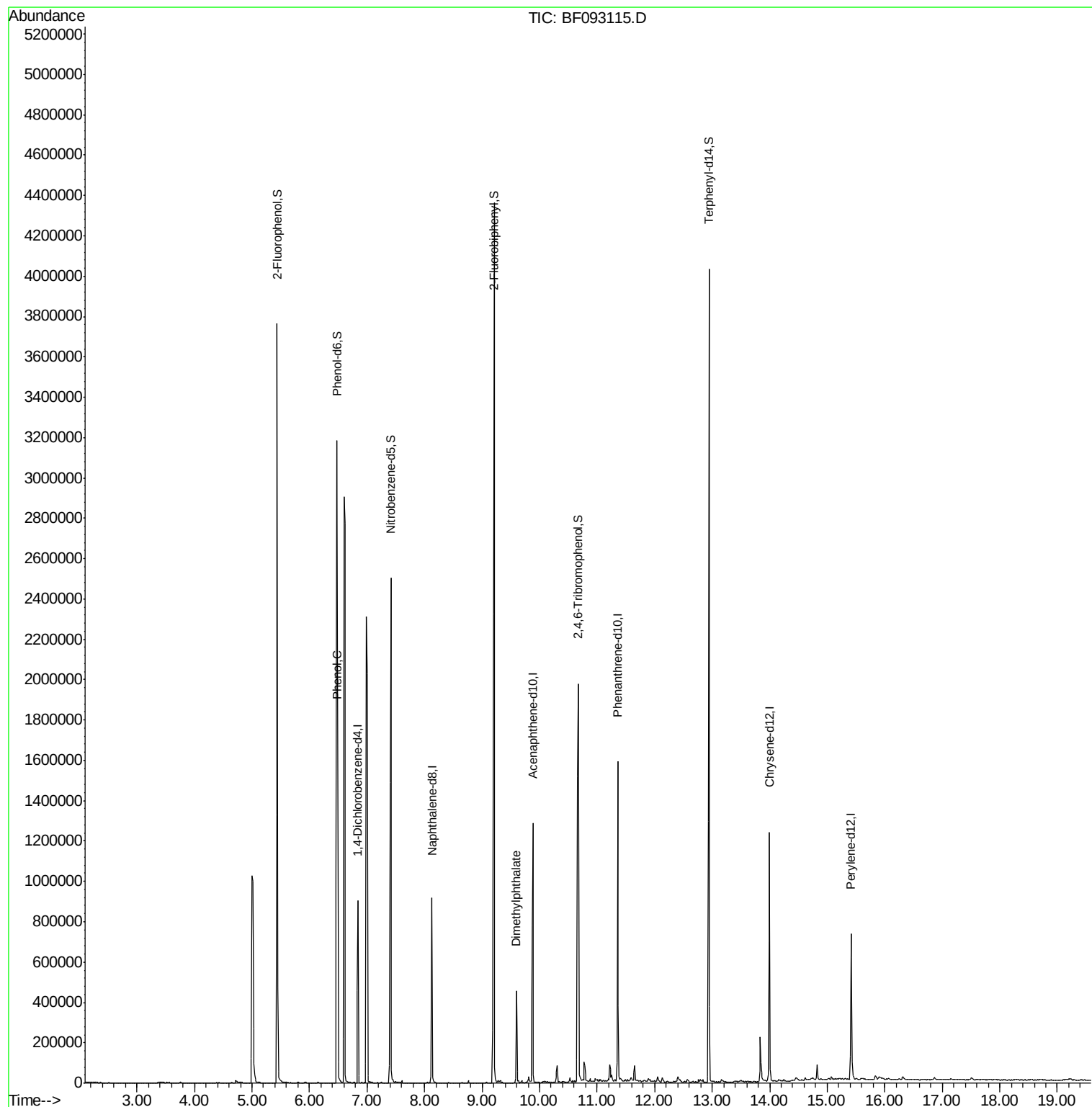
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165401	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	650630	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311533	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	559843	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	515067	20.00	ng	-0.02
86) Perylene-d12	15.41	264	374031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1082397	112.27	ng	-0.01
7) Phenol-d6	6.48	99	1423471	114.75	ng	-0.01
23) Nitrobenzene-d5	7.41	82	985022	84.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	310845	137.96	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1653800	96.17	ng	-0.01
78) Terphenyl-d14	12.95	244	1265300	57.72	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	62501	4.31	ng	Qvalue 89
49) Dimethylphthalate	9.60	163	171429	8.17	ng	# 99

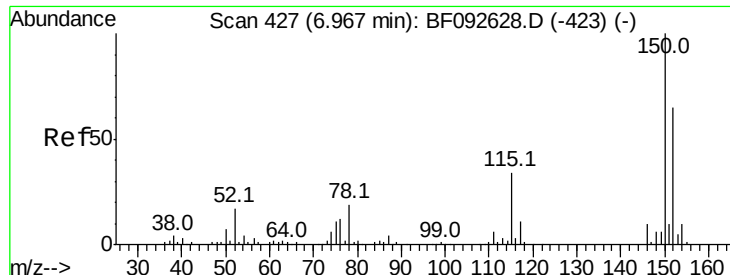
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(10-15)

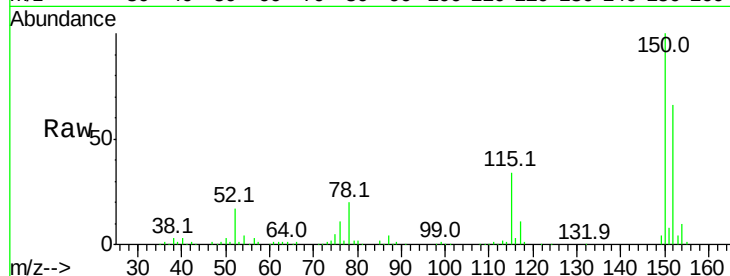
Tot Ion:152 Resp: 165401

Ion Ratio Lower Upper

152 100

150 151.7 124.9 187.3

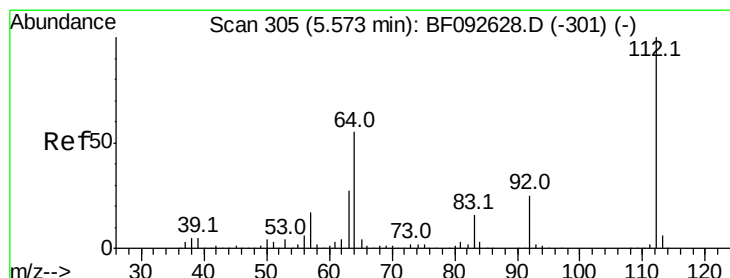
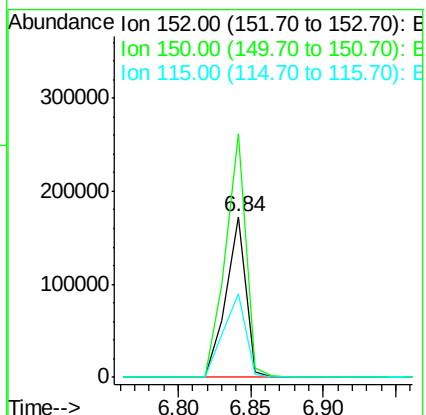
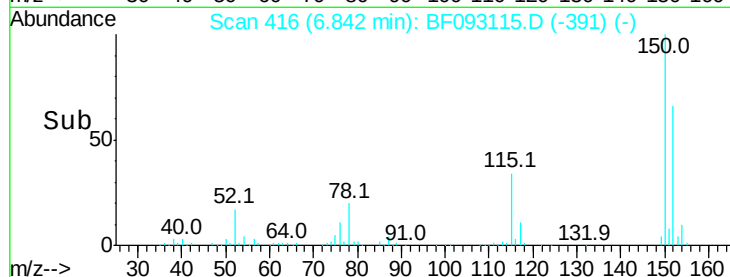
115 51.8 46.0 69.0



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: 112.27 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

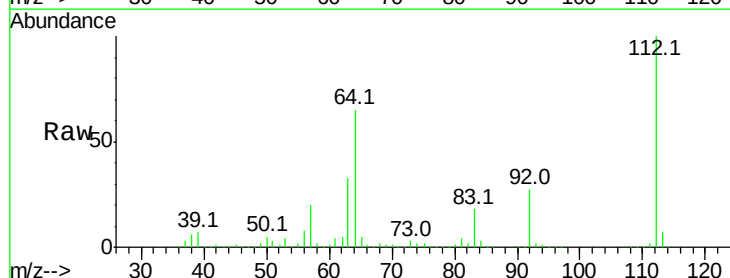
Tgt Ion:112 Resp: 1082397

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

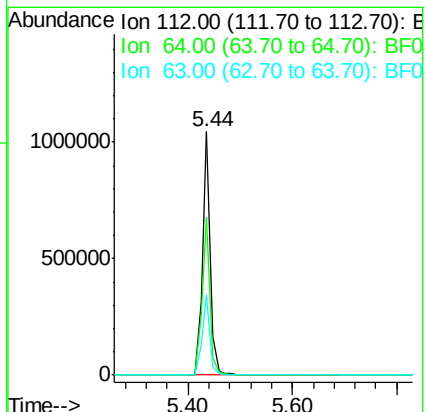
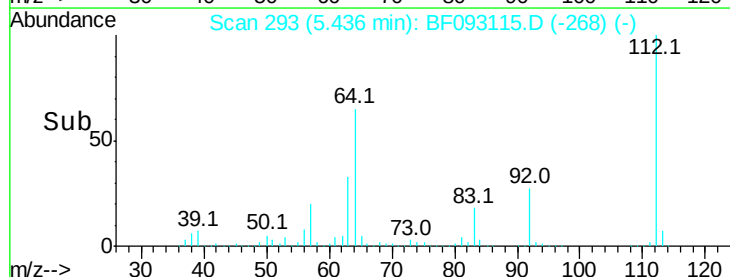
63 32.5 23.8 35.6

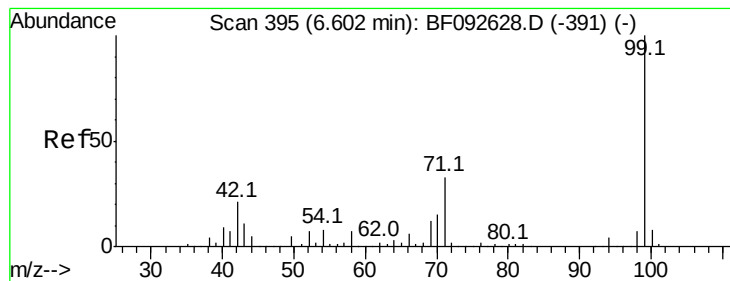


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.75 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Instrument :

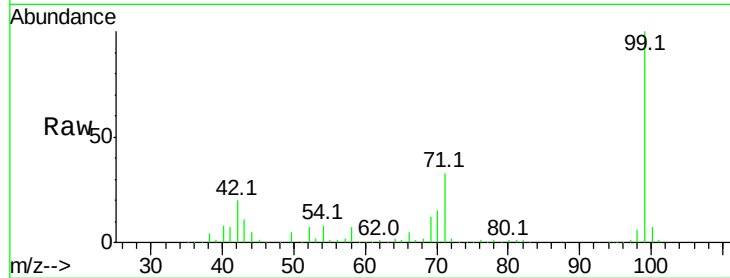
BNA_F

ClientSampleId :

CLP-B-01(10-15)

Tot Ion: 99 Resp: 1423471

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.3	27.5	41.3

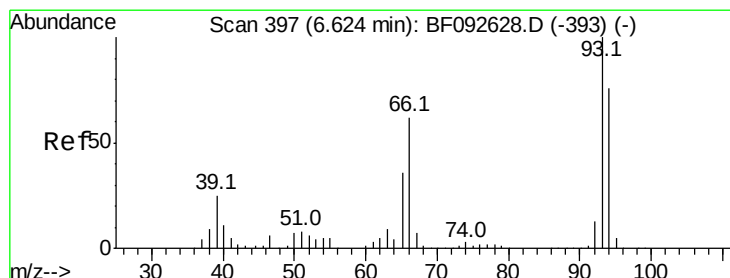
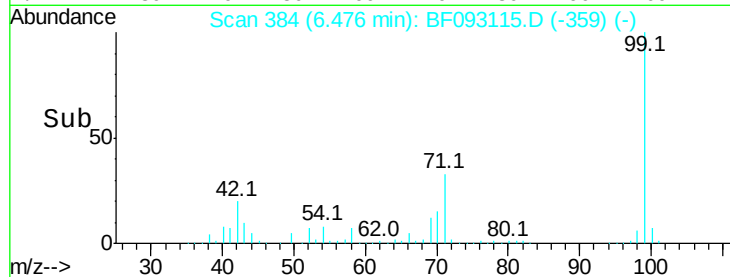


Abundance

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



#10

Phenol

Concen: 4.31 ng

RT: 6.49 min Scan# 385

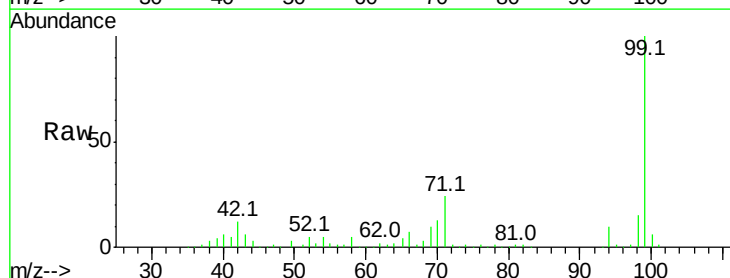
Delta R.T. -0.02 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Tgt Ion: 94 Resp: 62501

Ion	Ratio	Lower	Upper
94	100		
65	38.4	21.4	61.4
66	75.4	44.0	84.0

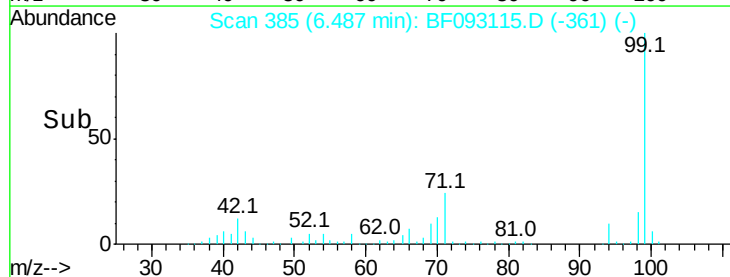


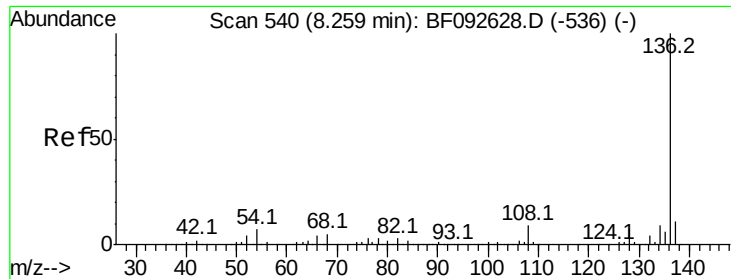
Abundance

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

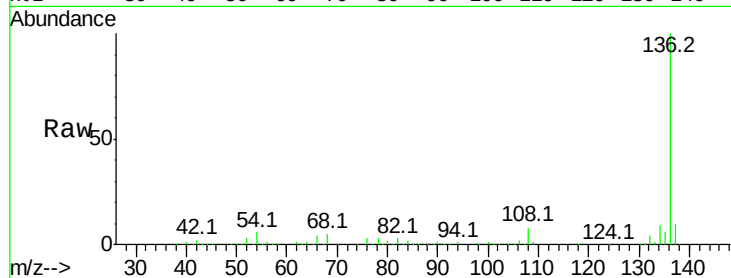




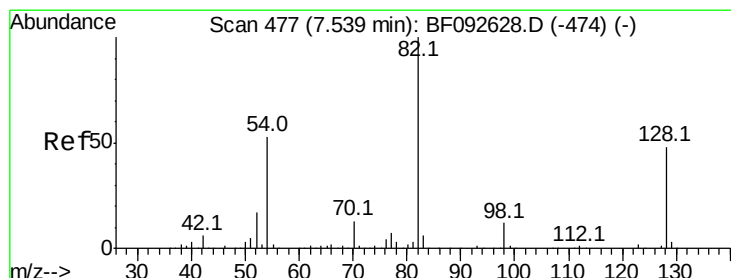
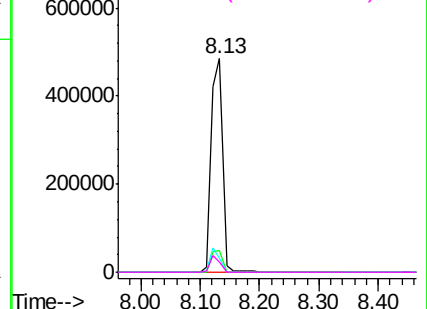
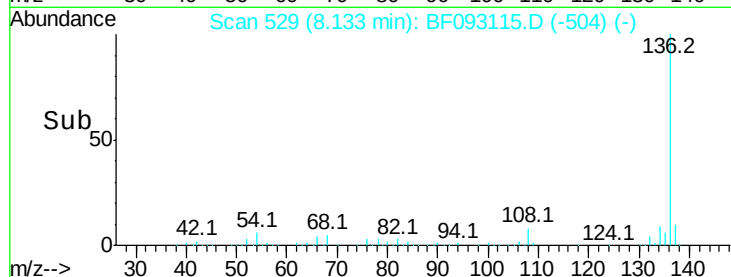
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

Tot Ion:	136	Resp:	650630
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	6.4	4.5	6.7
68	5.0	3.6	5.4

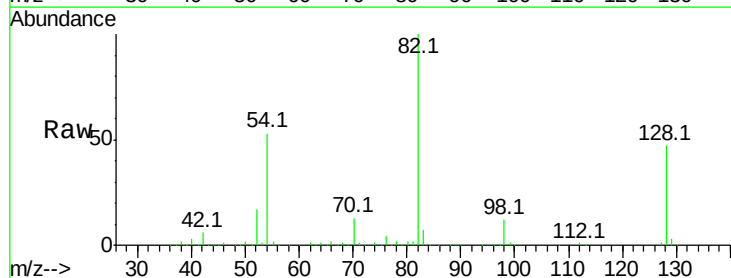


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

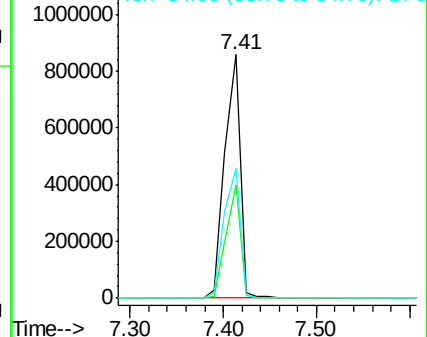
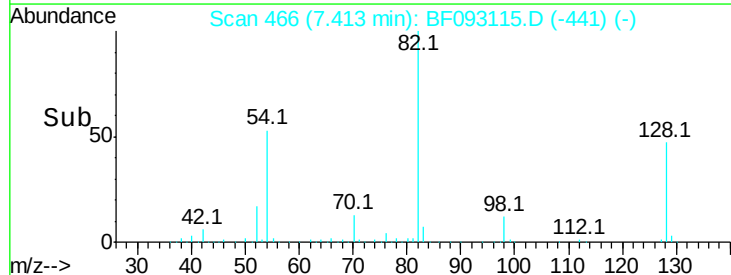


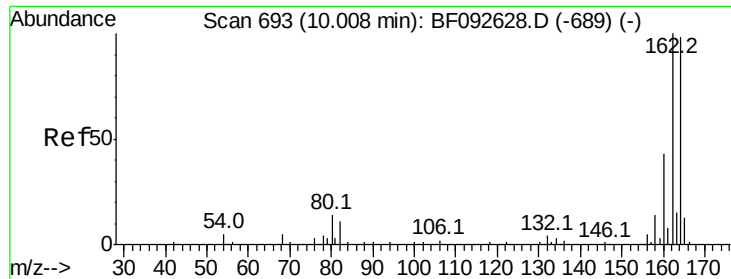
#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion:	82	Resp:	985022
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	52.0
54	53.4	39.5	59.3



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

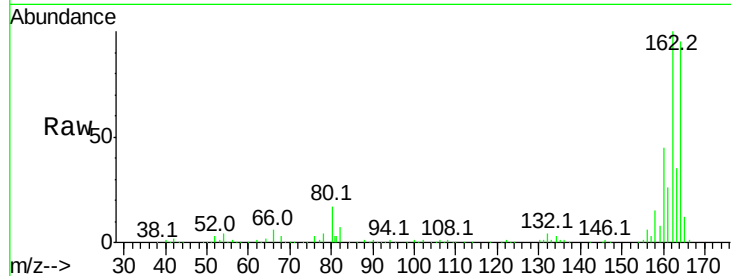




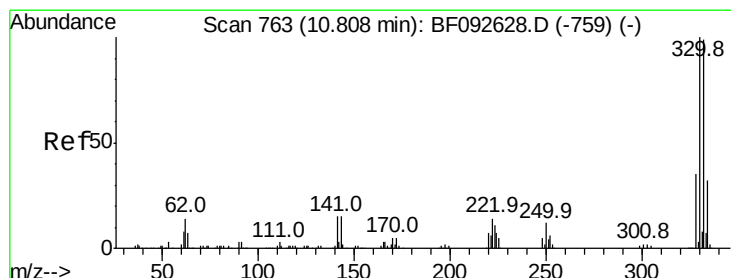
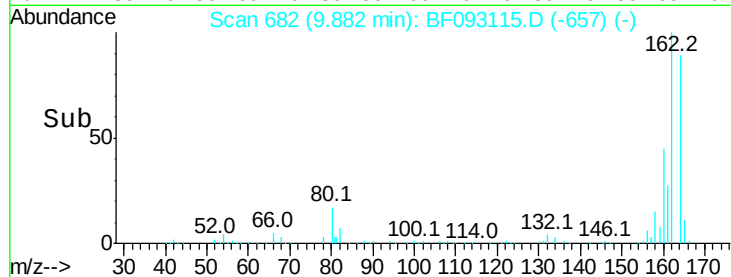
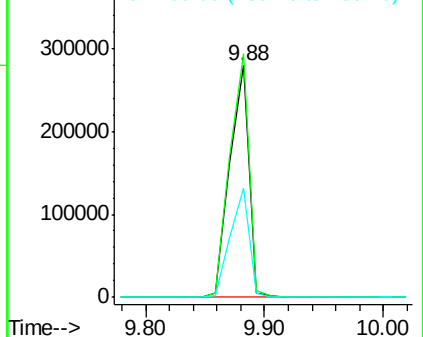
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

Tot Ion:164 Resp: 311533
Ion Ratio Lower Upper
164 100
162 105.0 80.2 120.2
160 46.9 36.9 55.3

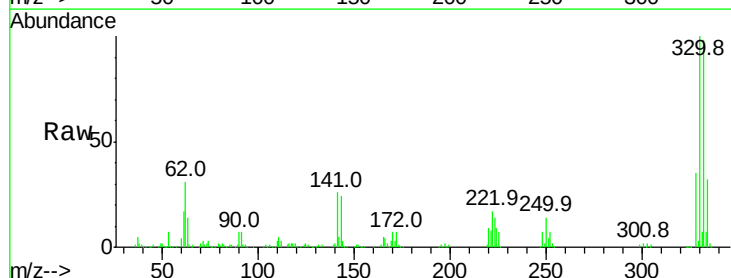


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

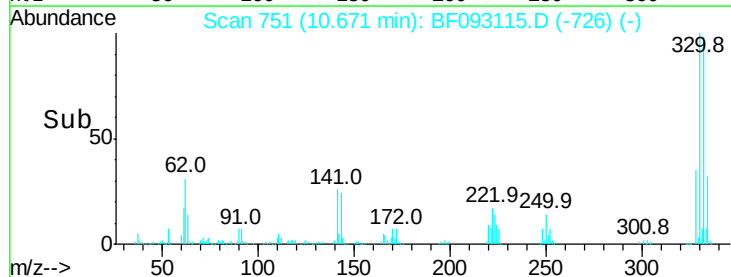
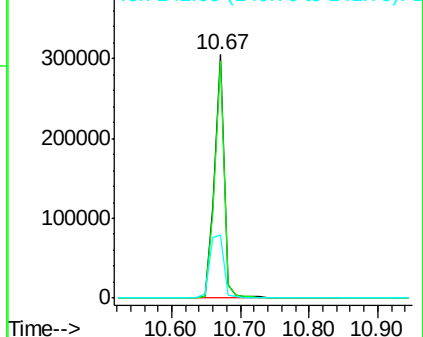


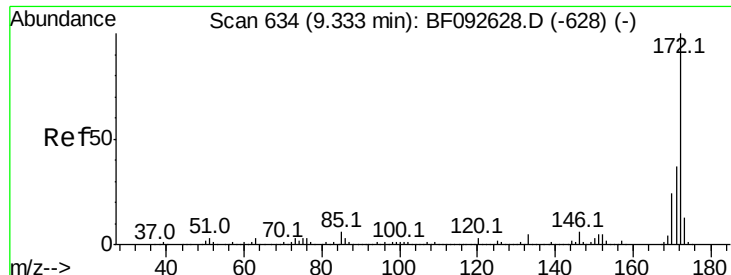
#41
2,4,6-Tribromophenol
Concen: 137.96 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion:330 Resp: 310845
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 37.0 34.1 51.1



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

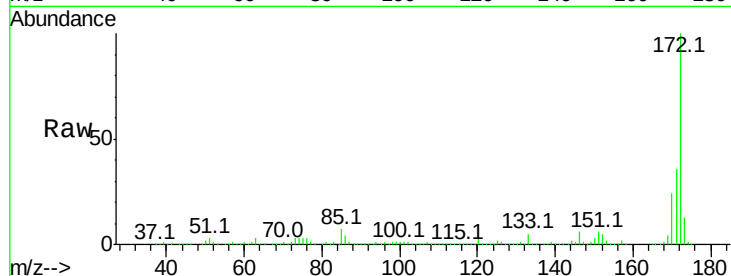




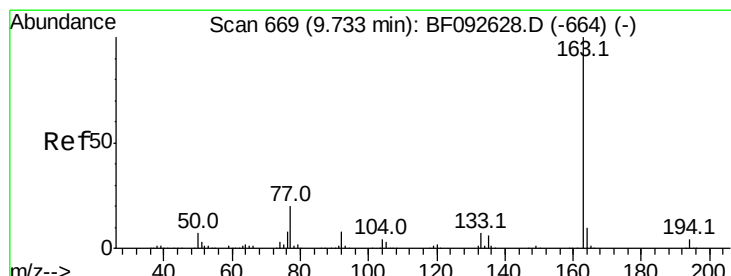
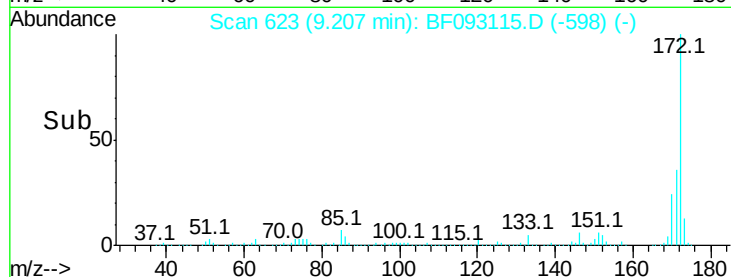
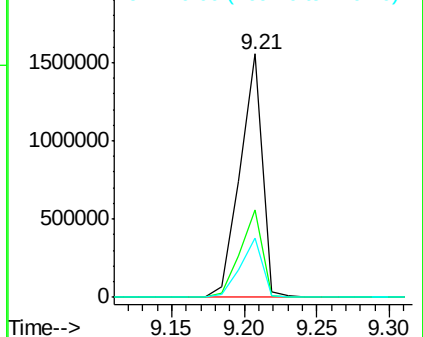
#44
2-Fluorobiphenyl
Concen: 96.17 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

Tot Ion:172 Resp: 1653800
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.2 20.2 30.4

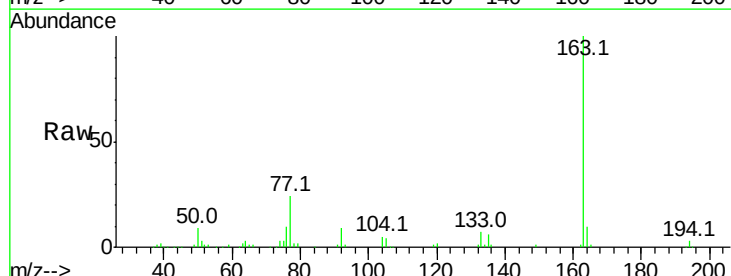


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

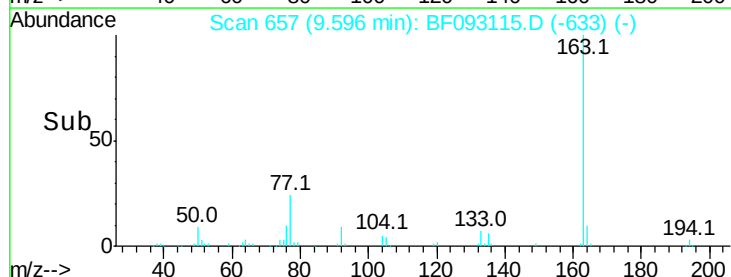
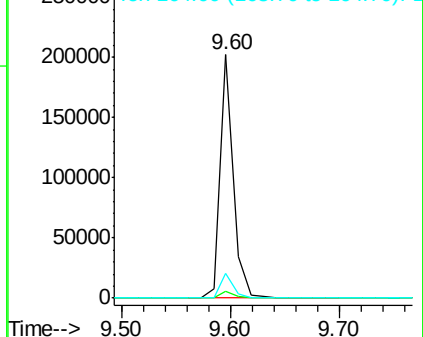


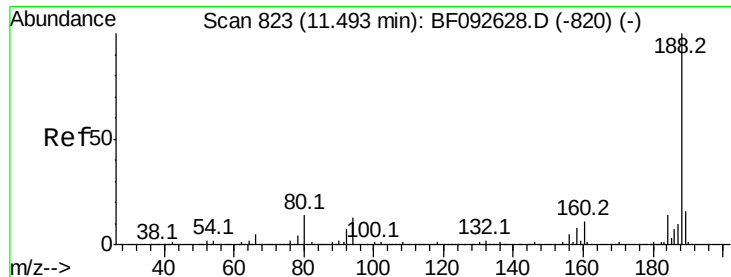
#49
Dimethylphthalate
Concen: 8.17 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion:163 Resp: 171429
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.0 8.0 12.0



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

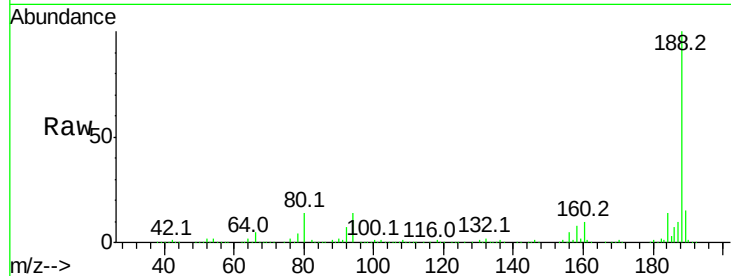




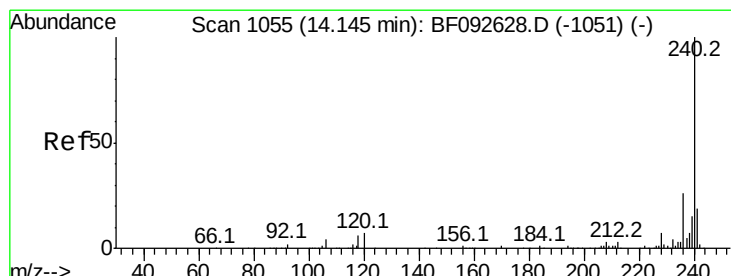
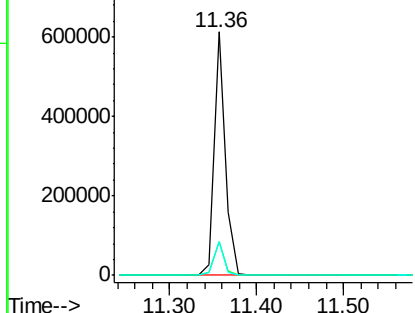
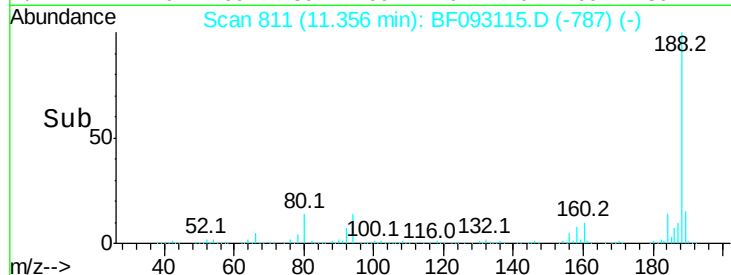
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

Tot Ion:188 Resp: 559843
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 14.1 11.2 16.8

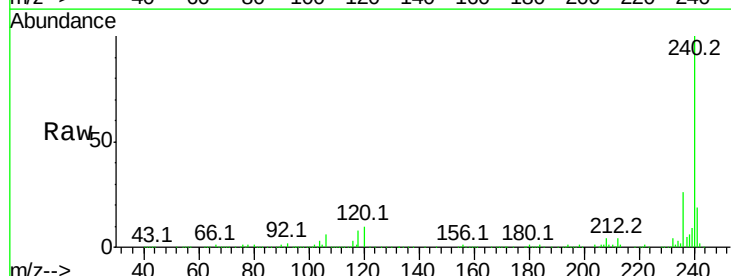


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

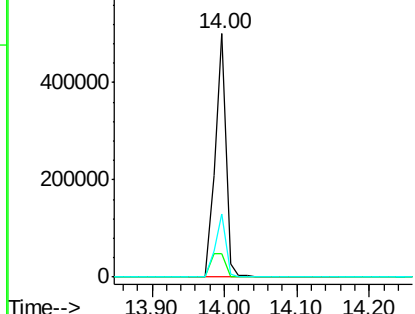
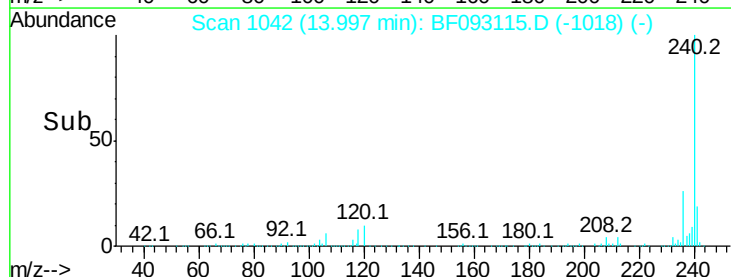


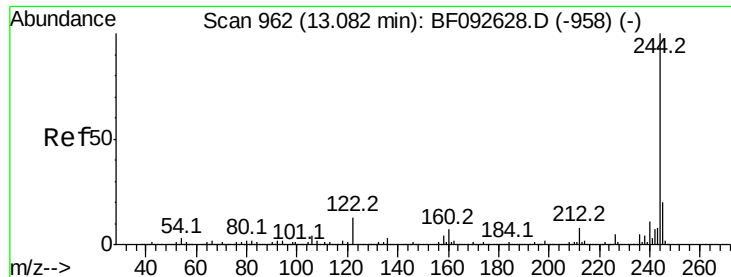
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion:240 Resp: 515067
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 25.9 20.9 31.3



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

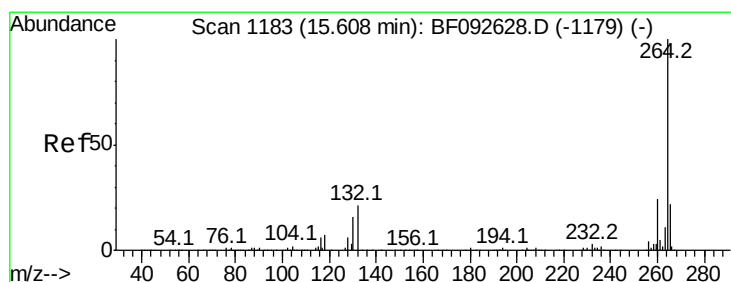
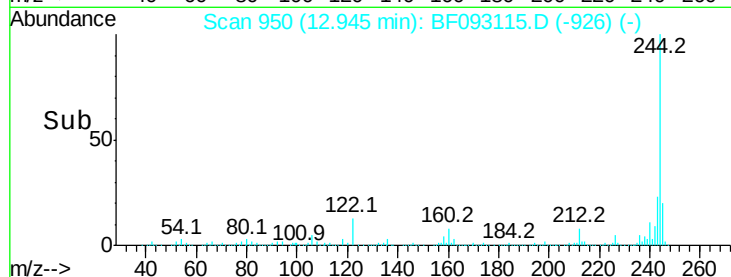
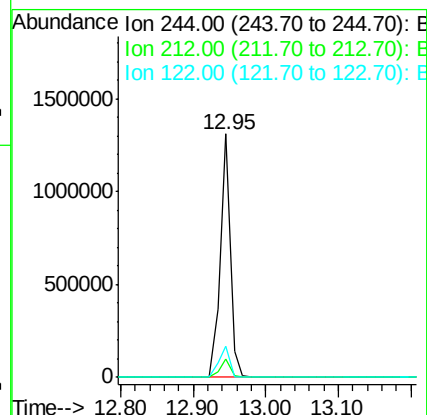
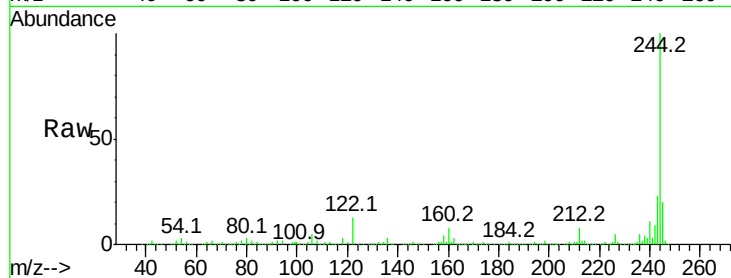




#78
 Terphenyl-d14
 Concen: 57.72 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

Tot Ion:244 Resp: 1265300
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Tgt Ion:264 Resp: 374031
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.5 17.4 26.0

