

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094516.D
 Acq On : 19 Apr 2017 15:21
 Operator : SJ/MA
 Sample : I2750-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T5-BASE

Quant Time: Apr 20 04:11:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

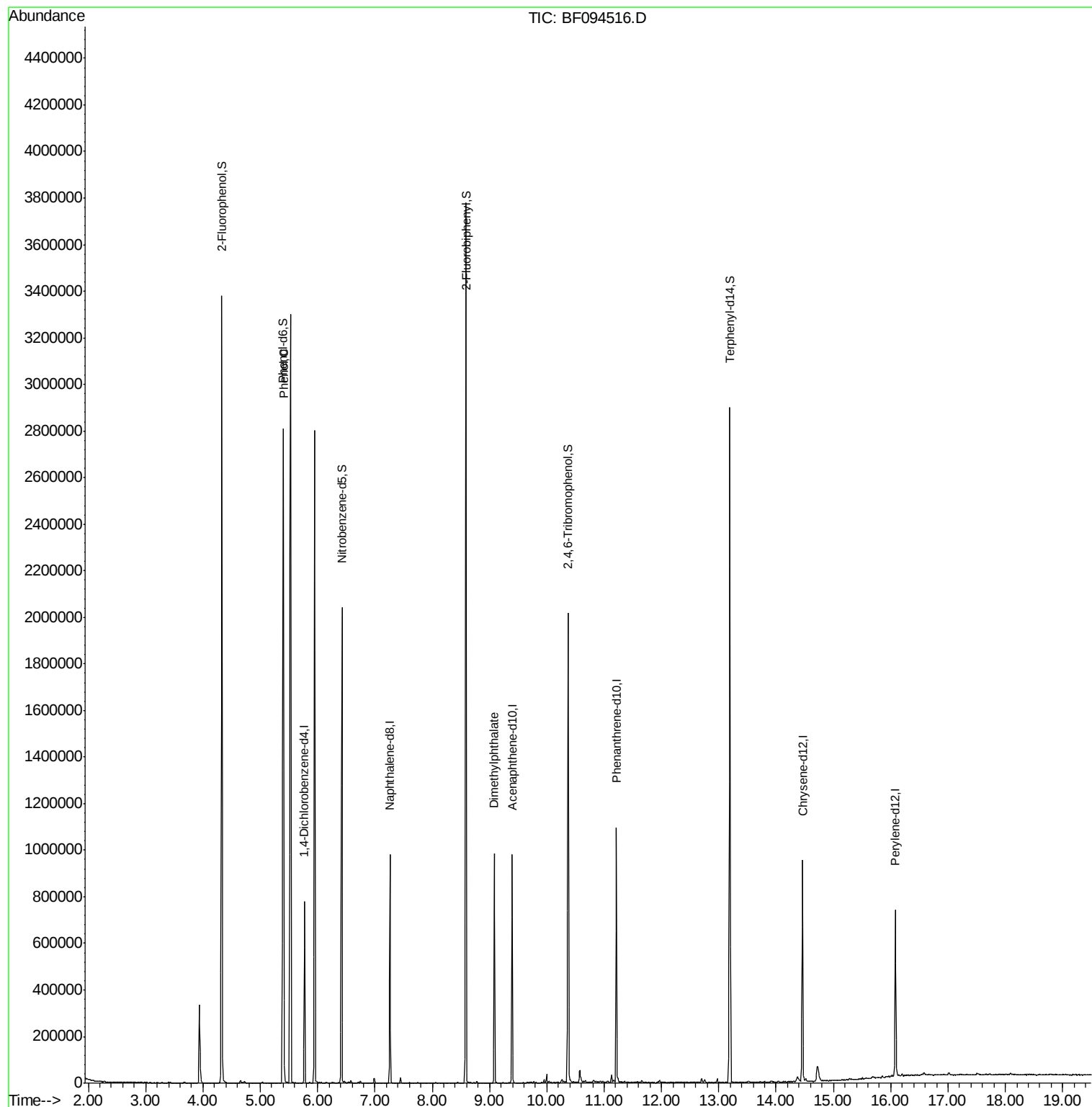
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116849	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	475069	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	201244	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	419927	20.00	ng	0.00
75) Chrysene-d12	14.46	240	354615	20.00	ng	0.00
86) Perylene-d12	16.08	264	272242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	1031908	146.51	ng	0.03
7) Phenol-d6	5.40	99	1313007	158.13	ng	0.00
23) Nitrobenzene-d5	6.42	82	792522	103.01	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	278137	176.70	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1367504	99.98	ng	0.00
78) Terphenyl-d14	13.20	244	1189582	89.67	ng	0.00
Target Compounds						
10) Phenol	5.41	94	29266	2.87	ng	95
49) Dimethylphthalate	9.08	163	430042	28.67	ng	100

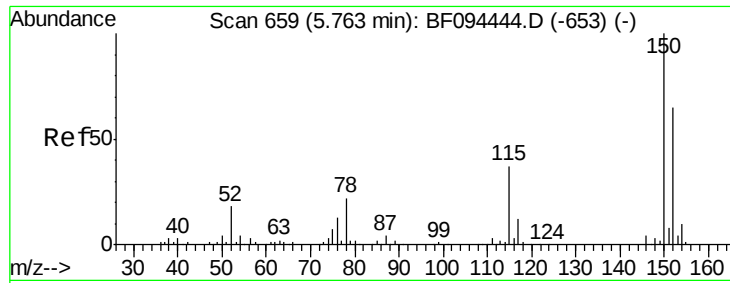
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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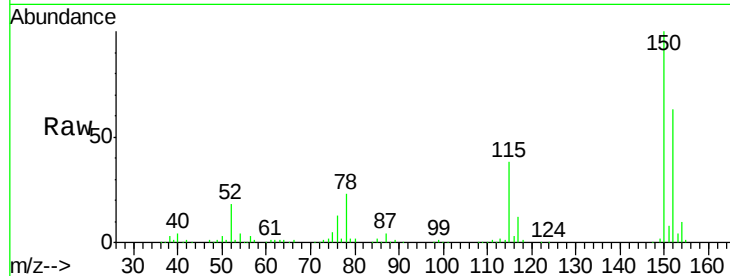


#1

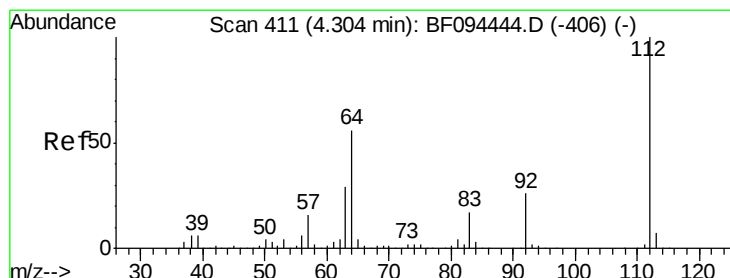
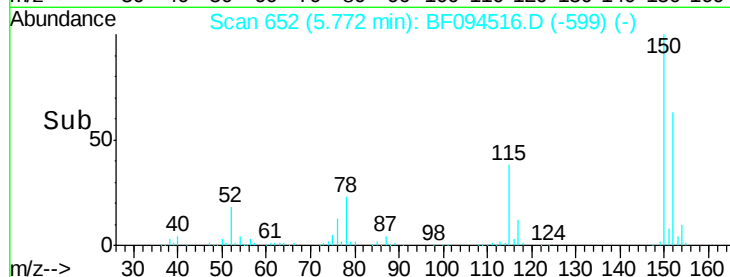
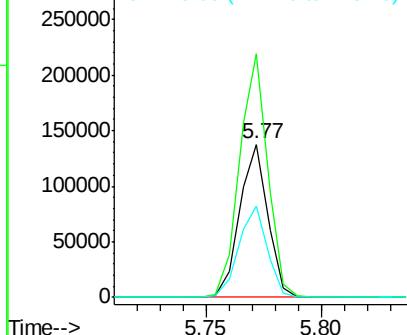
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Instrument :
BNA_F
ClientSampleId :
E2-T5-BASE

Tgt Ion:152 Resp: 116849
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 59.8 52.2 78.2



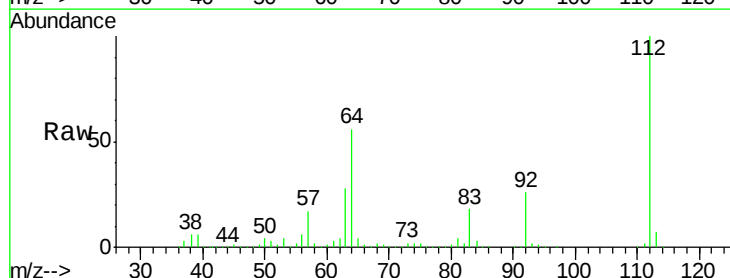
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



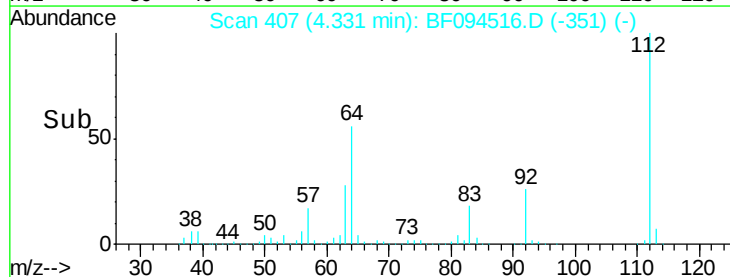
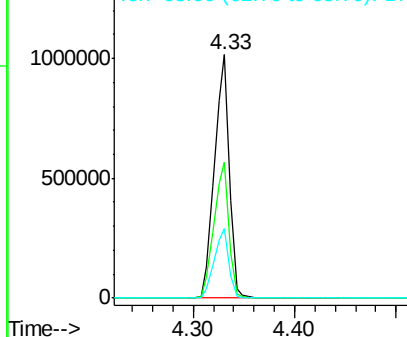
#5

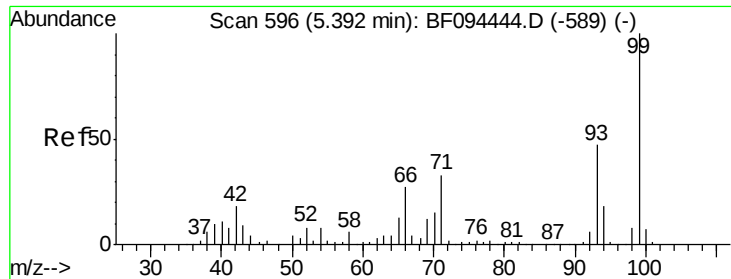
2-Fluorophenol
Concen: 146.51 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Tgt Ion:112 Resp: 1031908
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 28.4 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: 158.13 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

Instrument :

BNA_F

ClientSampleId :

E2-T5-BASE

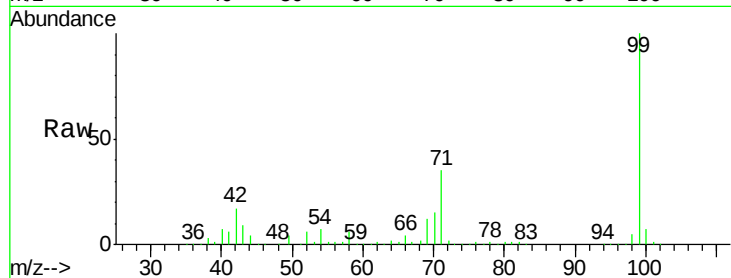
Tgt Ion: 99 Resp: 1313007

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

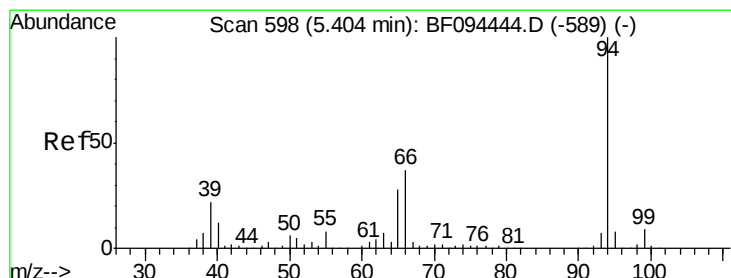
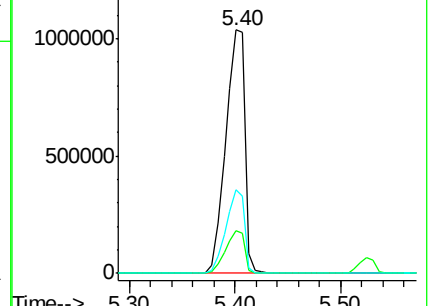
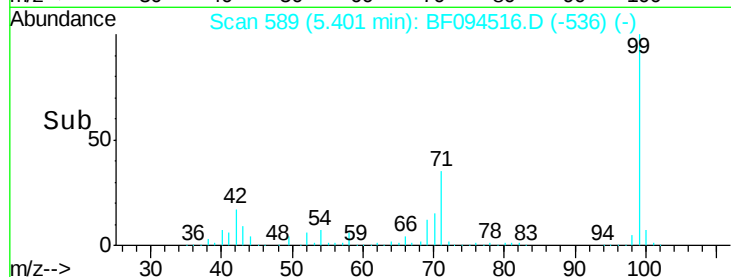
71 34.5 24.5 36.7



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



#10

Phenol

Concen: 2.87 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

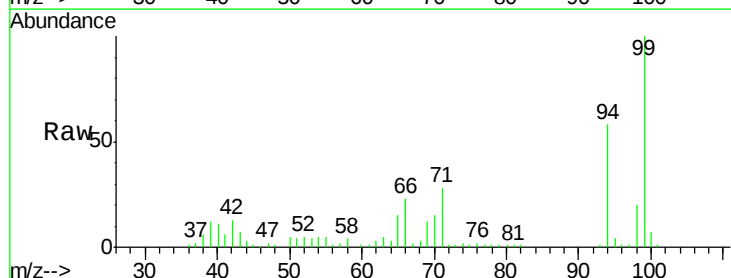
Tgt Ion: 94 Resp: 29266

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

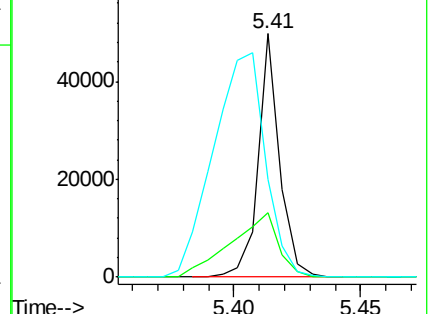
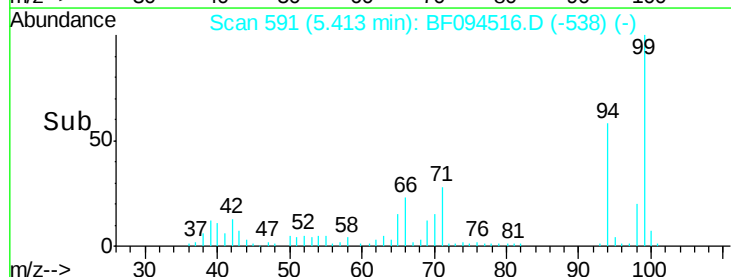
66 40.2 23.1 63.1

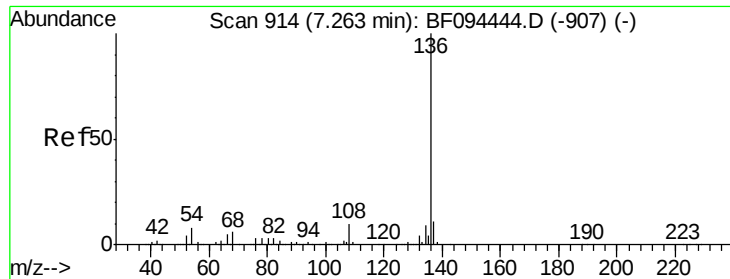


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

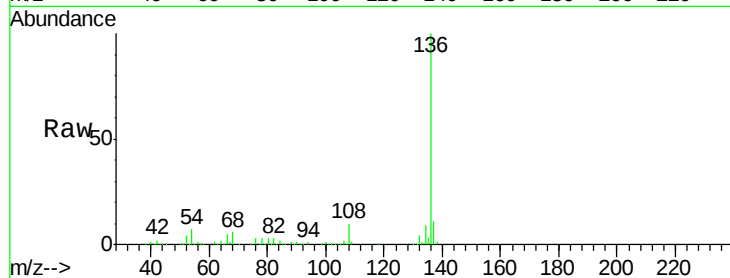




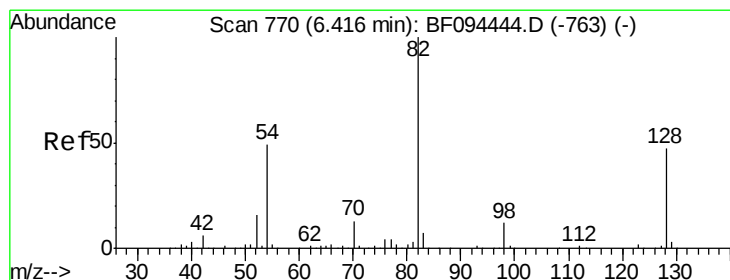
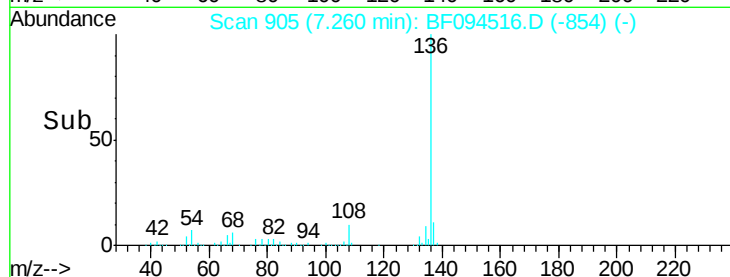
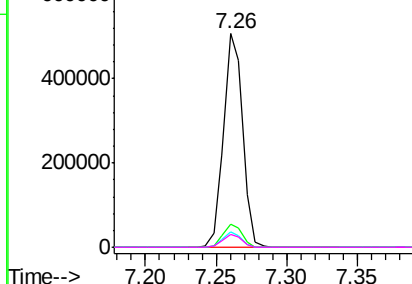
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Instrument :
BNA_F
ClientSampleId :
E2-T5-BASE

Tgt Ion:	136	Resp:	475069
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1

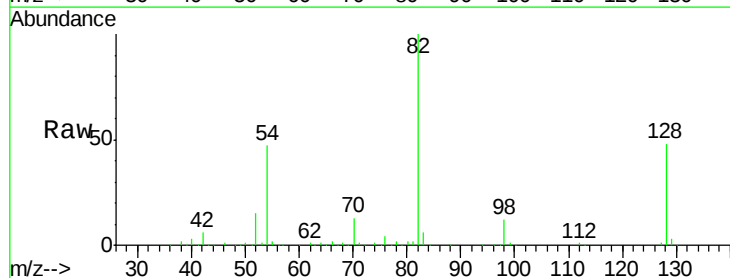


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

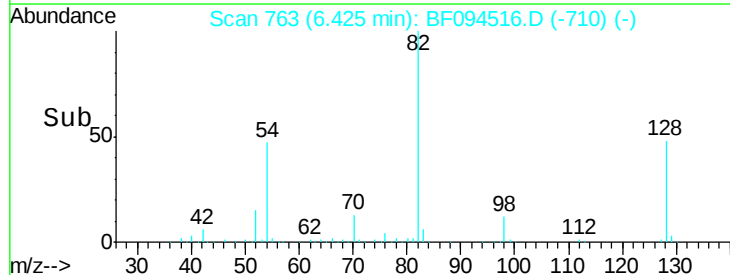
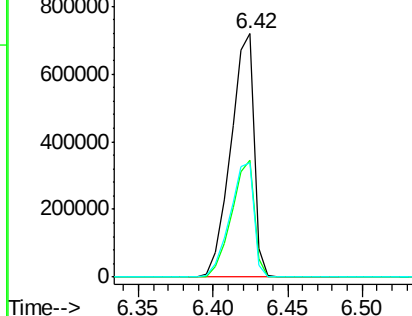


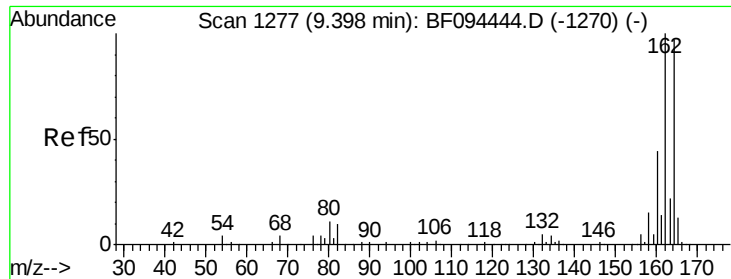
#23
Nitrobenzene-d5
Concen: 103.01 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Tgt Ion:	82	Resp:	792522
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	46.8	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

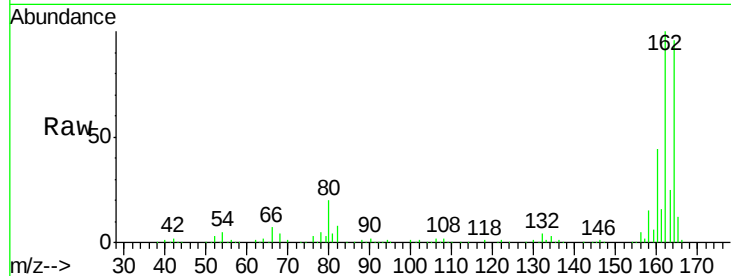




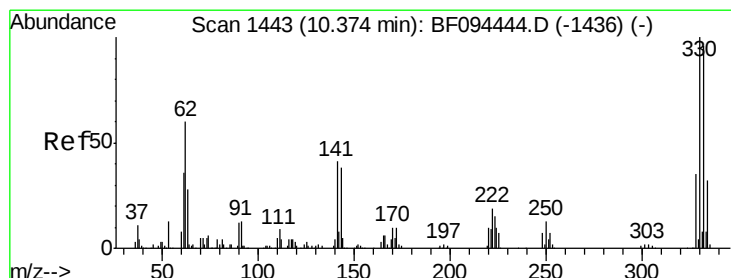
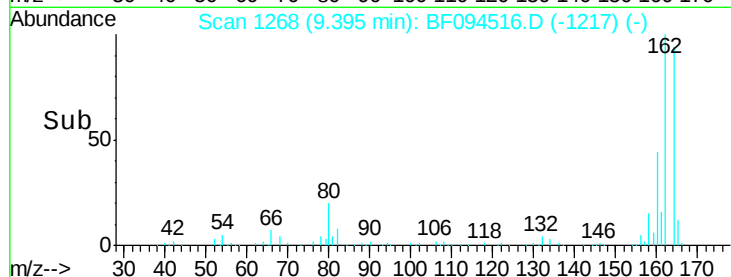
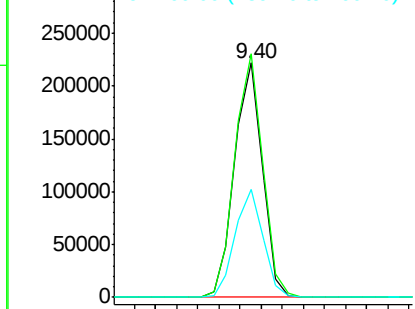
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-T5-BASE

Tgt Ion:164 Resp: 201244
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 46.0 36.2 54.2

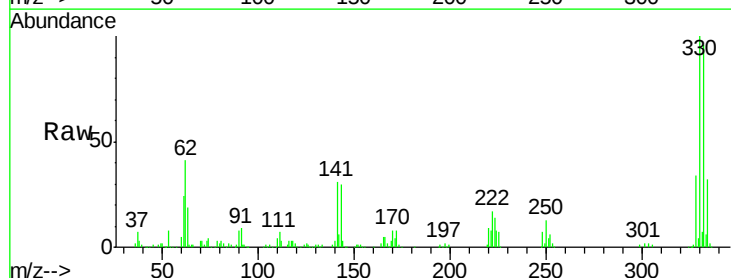


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

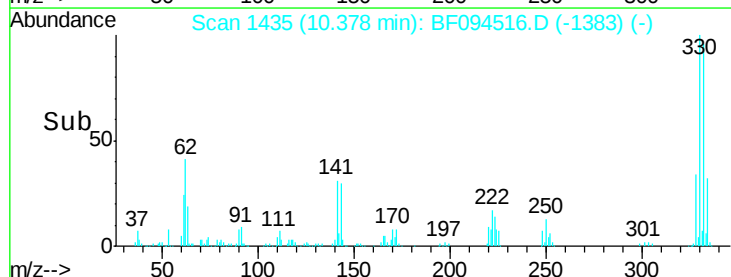
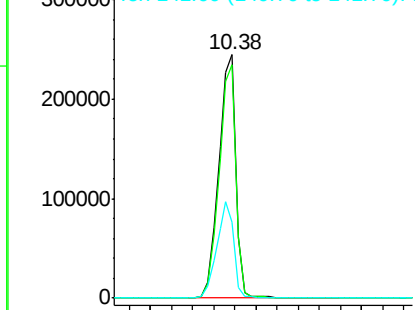


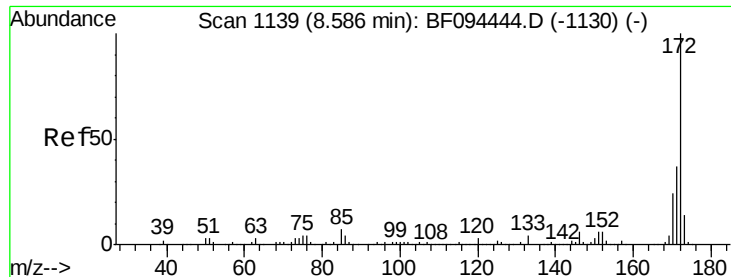
#41
 2,4,6-Tribromophenol
 Concen: 176.70 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:330 Resp: 278137
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.3 31.4 47.2



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

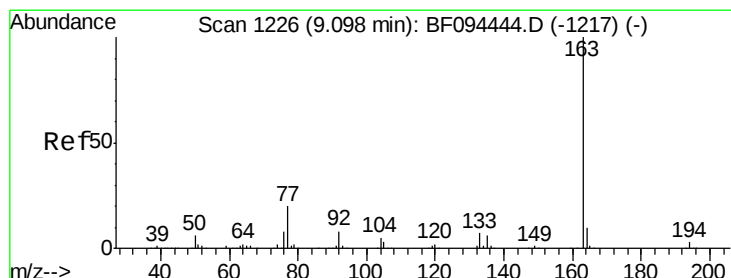
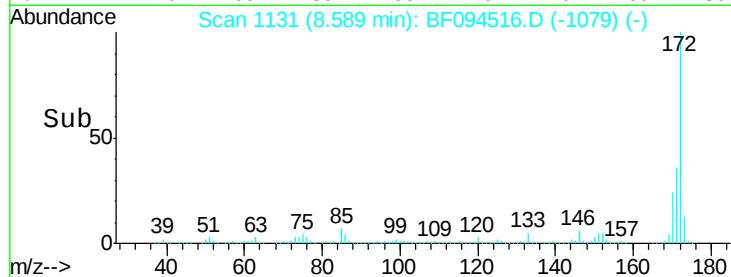
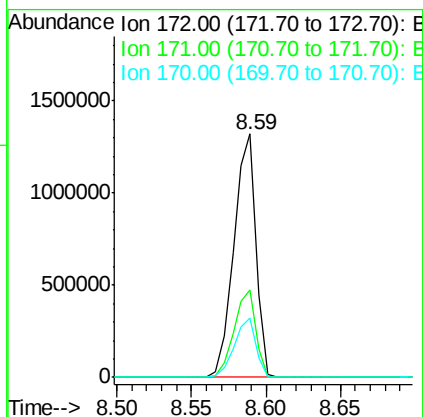
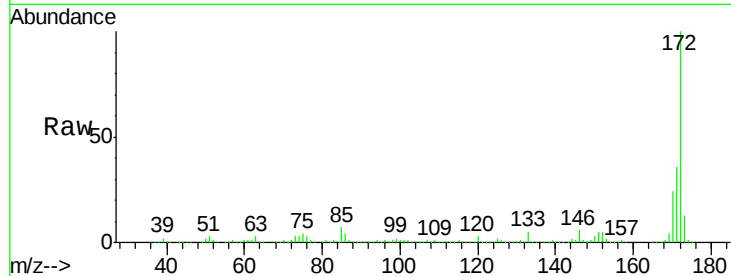




#44
 2-Fluorobiphenyl
 Concen: 99.98 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

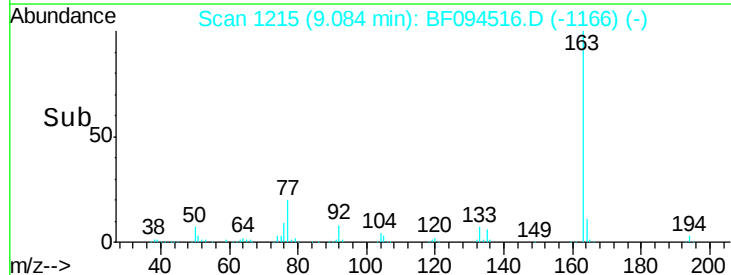
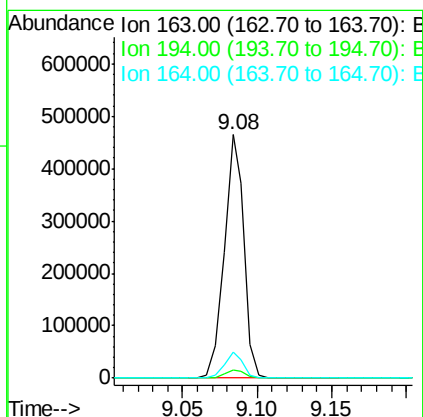
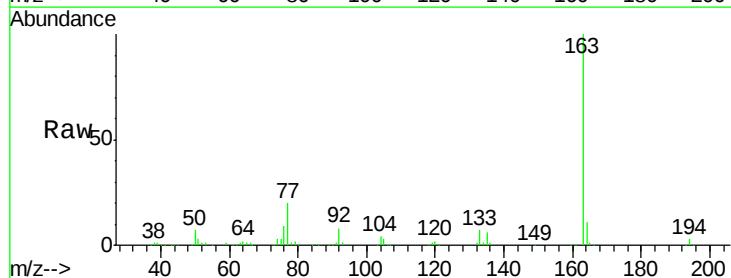
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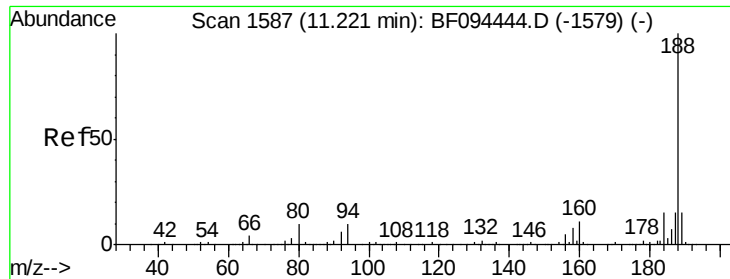
Tgt Ion:172 Resp: 1367504
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.8 29.8



#49
 Dimethylphthalate
 Concen: 28.67 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:163 Resp: 430042
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.6 8.4 12.6

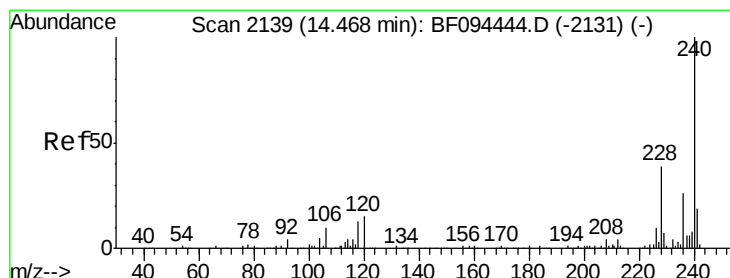
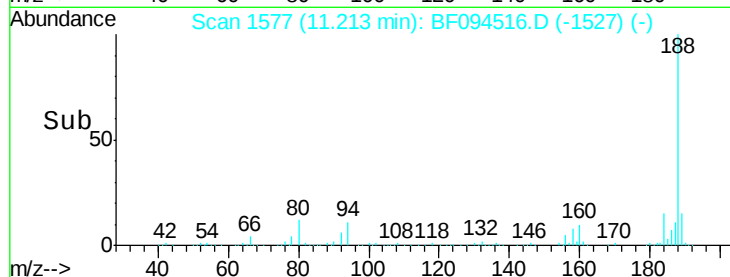
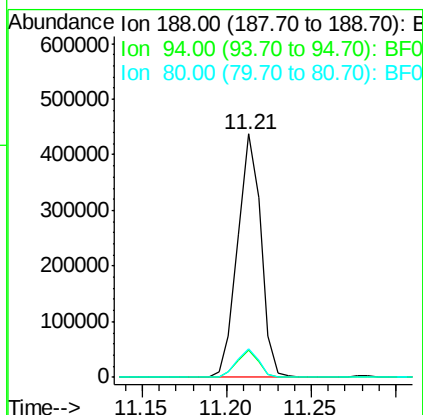
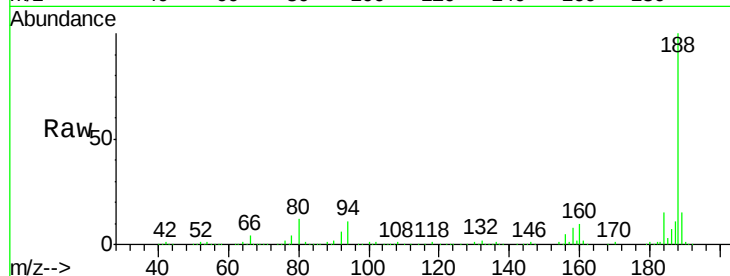




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

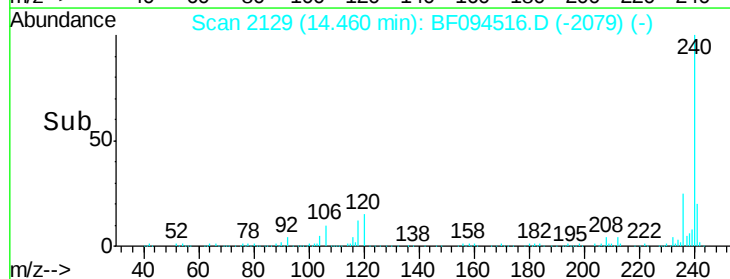
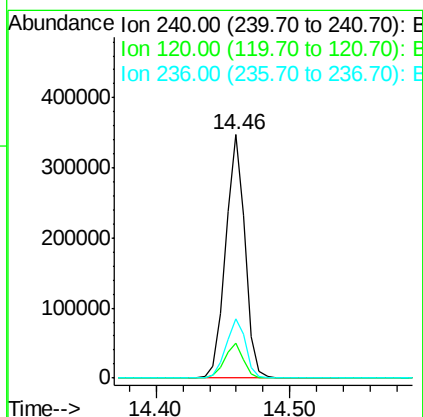
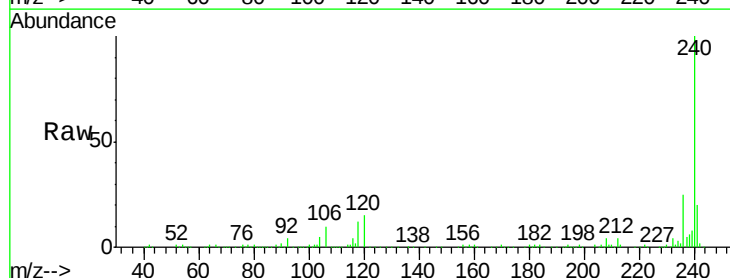
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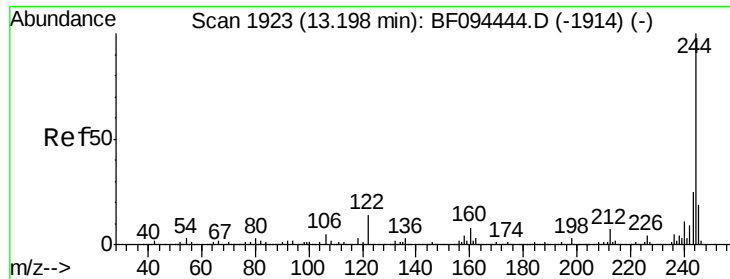
Tgt Ion:188 Resp: 419927
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:240 Resp: 354615
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.5 20.5 30.7

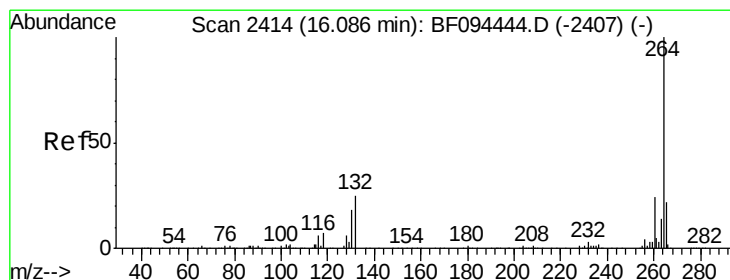
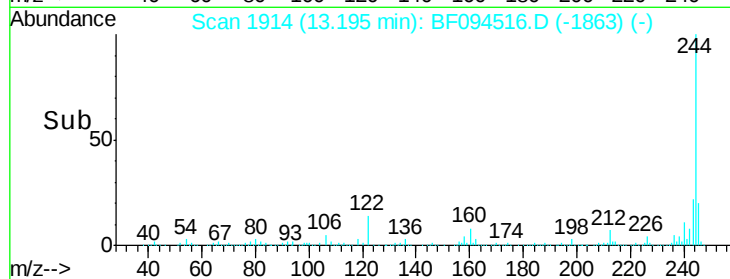
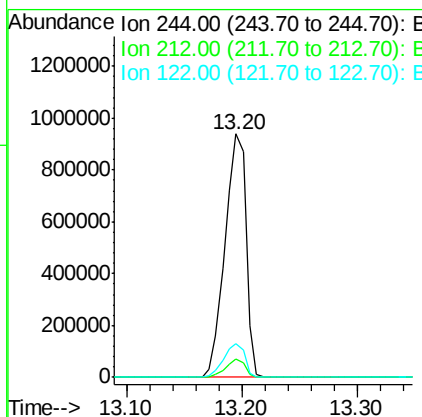
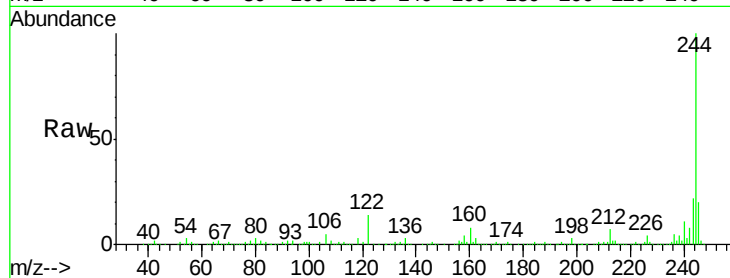




#78
 Terphenyl-d14
 Concen: 89.67 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-T5-BASE

Tgt Ion:244 Resp: 1189582
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:264 Resp: 272242
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.2 25.8

