

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096443.D
 Acq On : 3 Jul 2017 16:09
 Operator : SJ/MA
 Sample : I3882-13RE 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G54-0-1.5RE

Manual Integrations
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Quant Time: Jul 04 01:31:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74978	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	305585	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	114986	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	161279	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	155420	20.00	ng	-0.02
86) Perylene-d12	15.27	264	103129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	24978	4.92	ng	-0.02
7) Phenol-d6	6.35	99	63492	10.17	ng	-0.02
23) Nitrobenzene-d5	7.27	82	39345	7.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	339	0.38	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	90744	13.49	ng	-0.02
78) Terphenyl-d14	12.82	244	55170	7.59	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.47	163	17395	2.026	ng	99
74) Fluoranthene	12.44	202	17236	2.016	ng	100

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

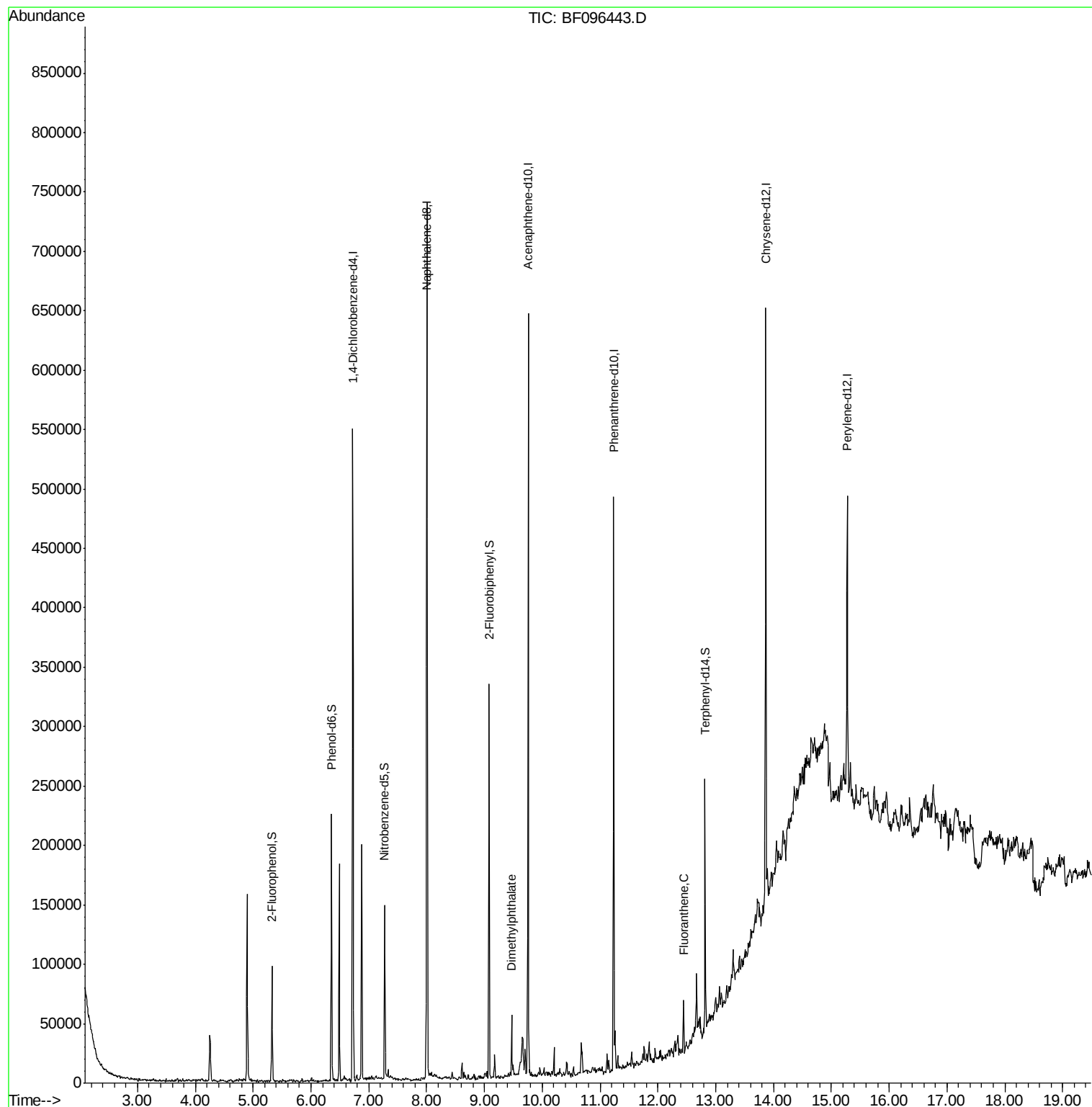
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096443.D
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QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

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#1

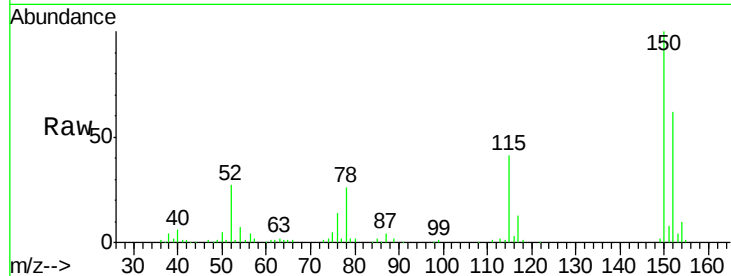
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G54-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	66.1	52.2	78.2

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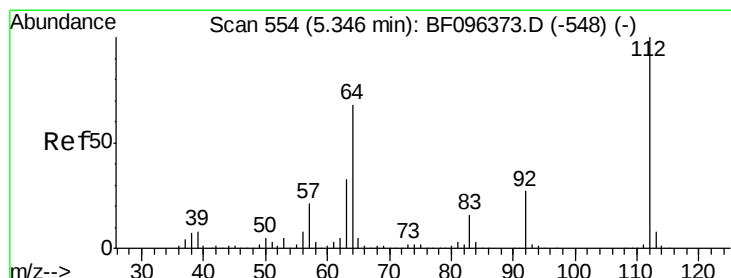
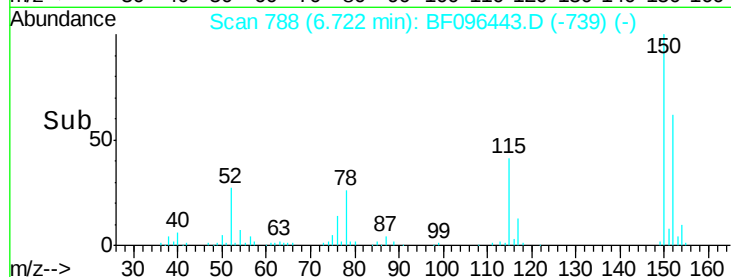
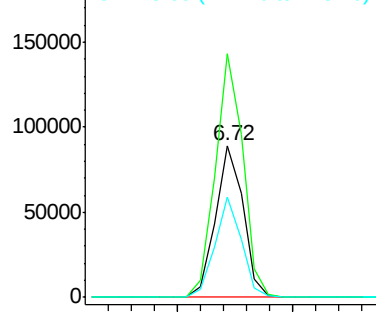


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

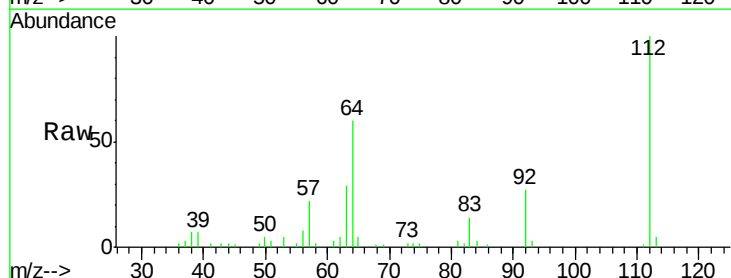
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.917 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	29.3	23.4	35.0

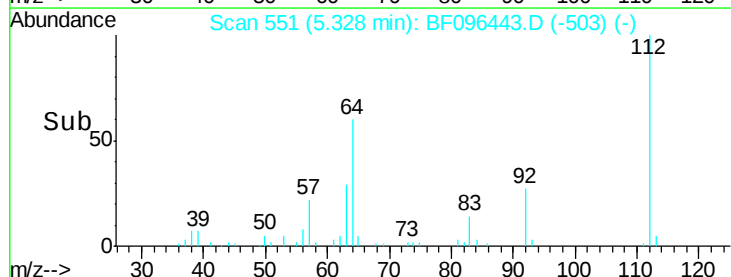
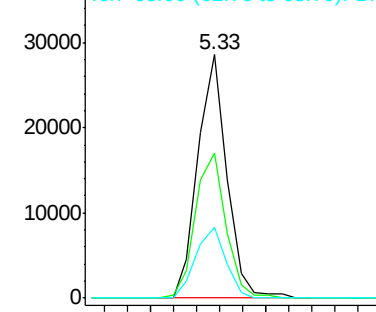


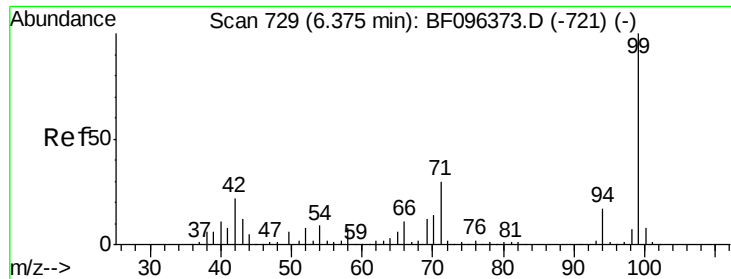
Abundance

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: 10.167 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096443.D

Acq: 3 Jul 2017 16:09

Instrument :

BNA_F

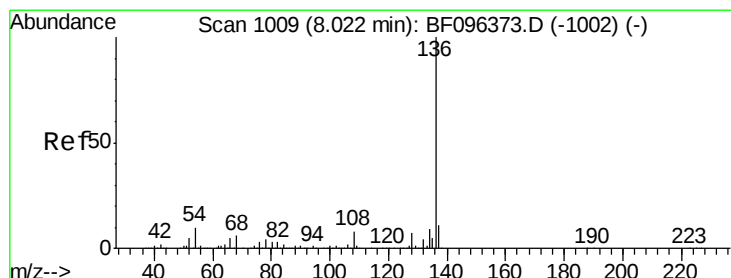
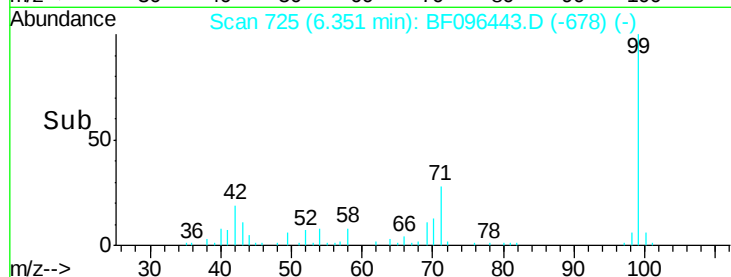
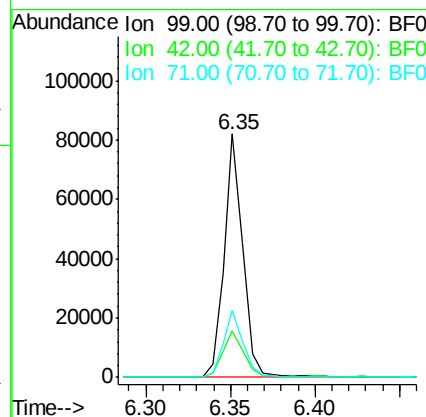
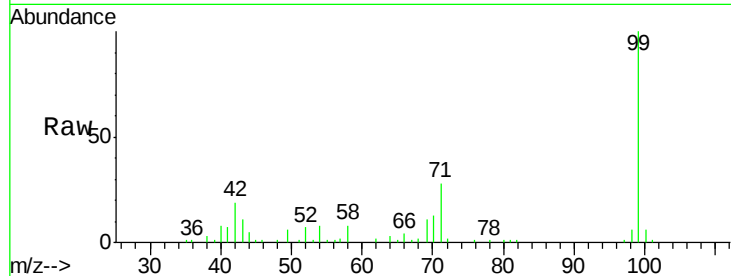
ClientSampleId :

G54-0-1.5RE

Tgt Ion:	99	Resp:	63492
Ion Ratio	Lower	Upper	
99	100		
42	19.1	13.5	20.3
71	27.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

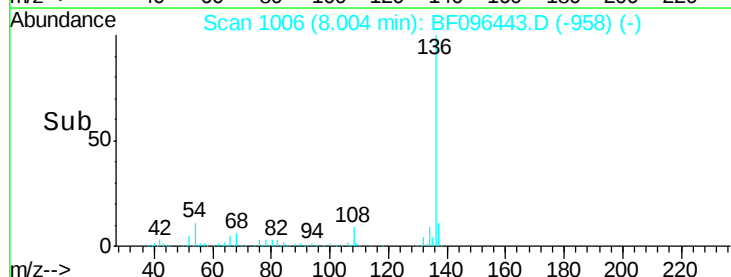
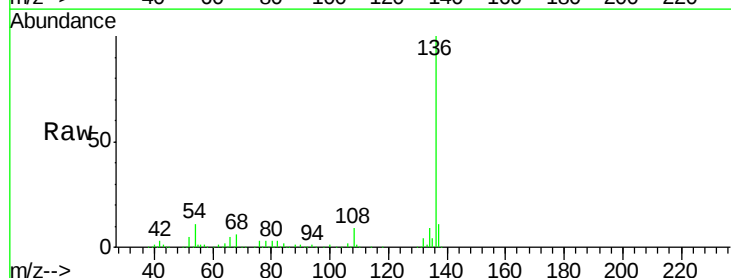
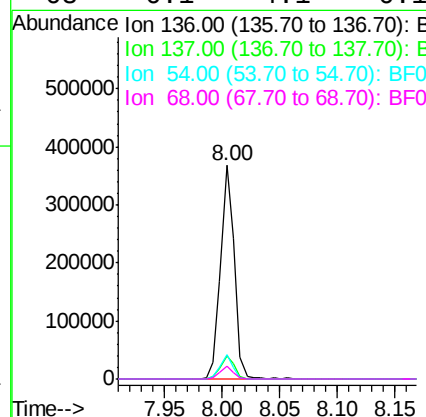
RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096443.D

Acq: 3 Jul 2017 16:09

Tgt Ion:	136	Resp:	305585
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	11.2	4.9	7.3#
68	6.1	4.1	6.1#





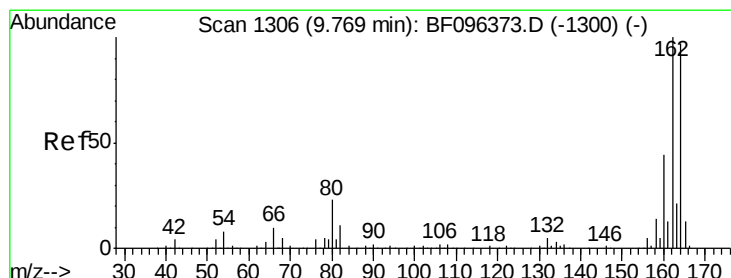
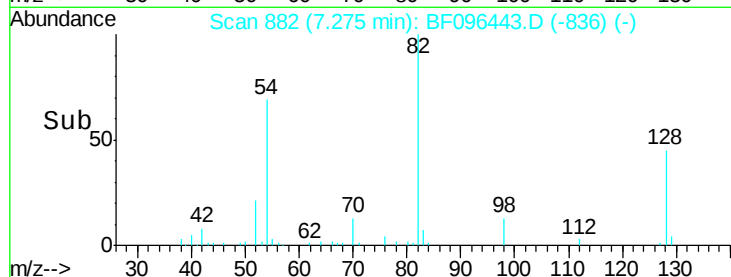
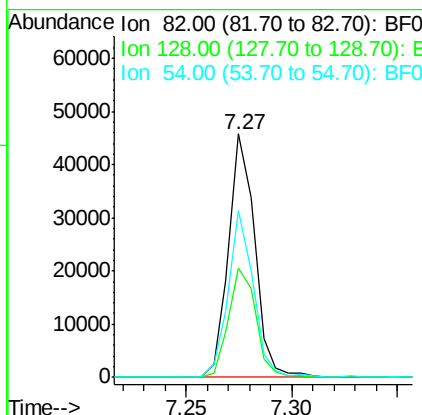
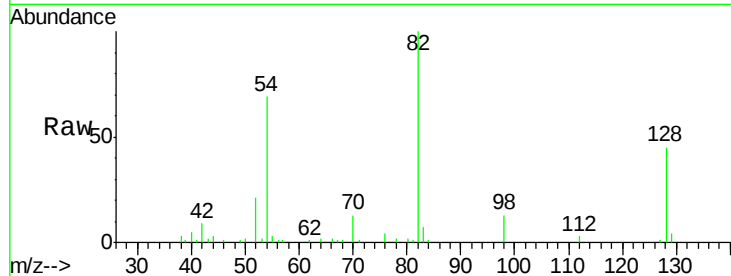
#23
Nitrobenzene-d5
Concen: 7.737 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G54-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	68.7	42.2	63.2

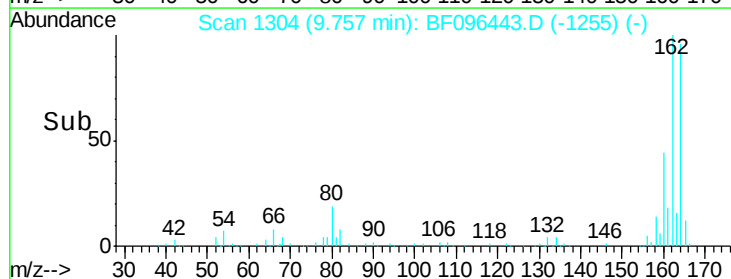
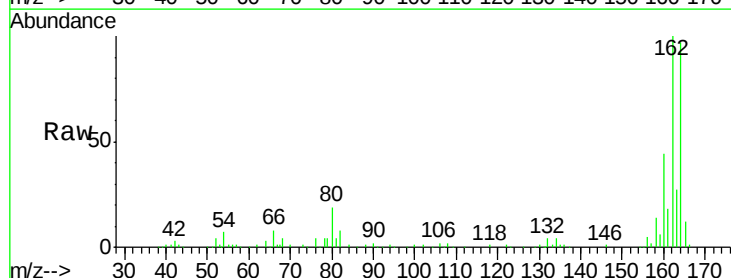
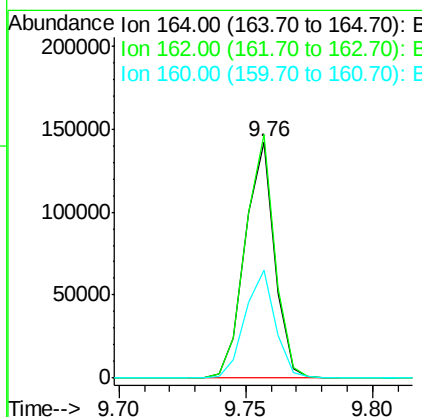
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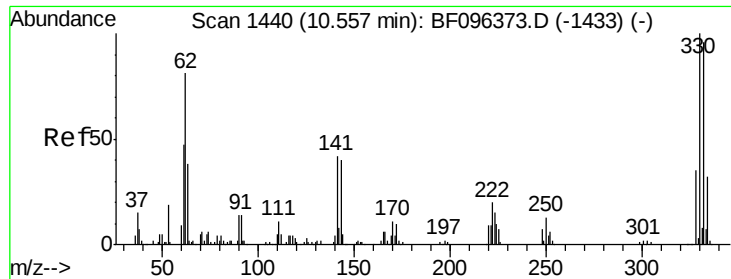
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.5	36.2	54.2





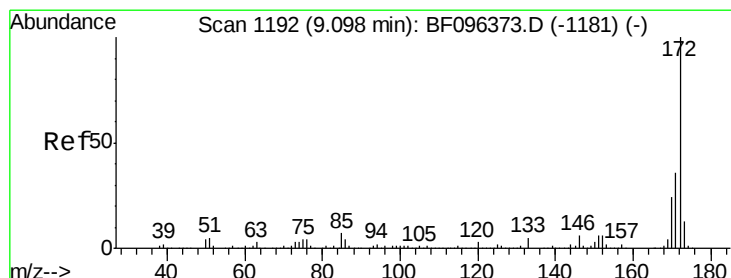
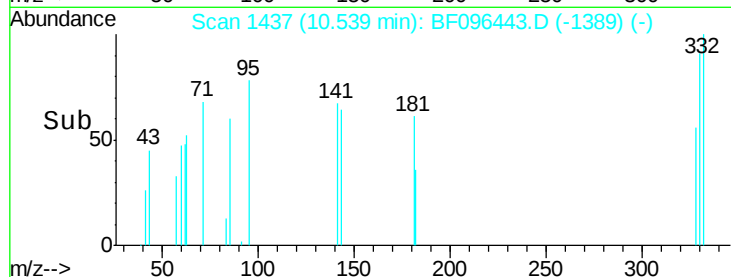
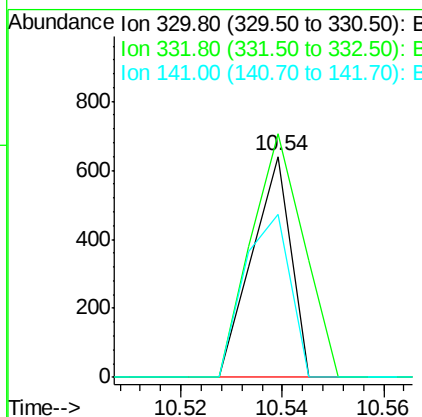
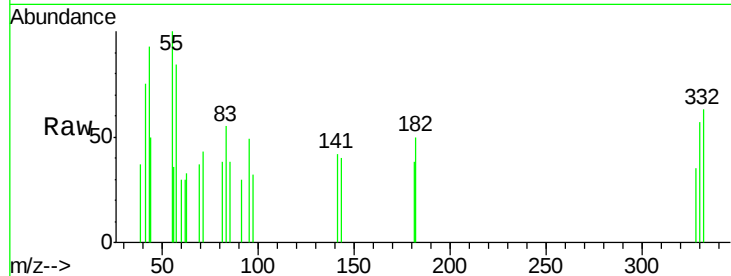
#41
 2,4,6-Tribromophenol
 Concen: 0.377 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G54-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	148.1	76.6	115.0#
141	87.0	31.4	47.2#

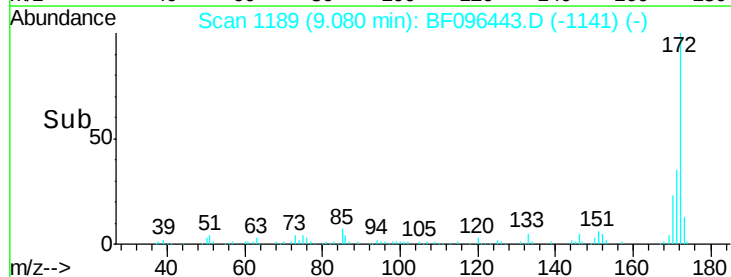
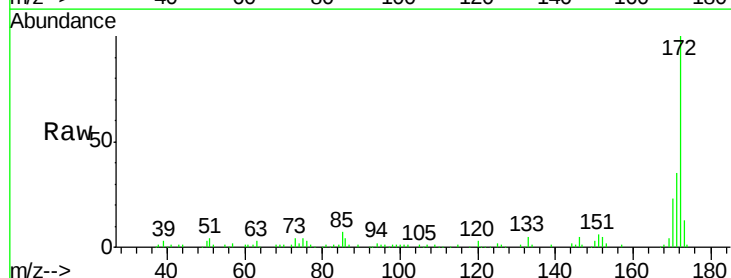
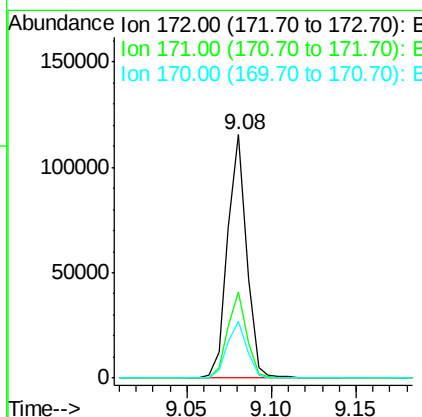
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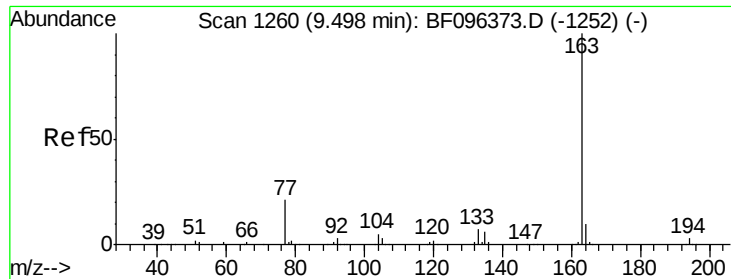
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#44
 2-Fluorobiphenyl
 Concen: 13.493 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.4	19.8	29.8





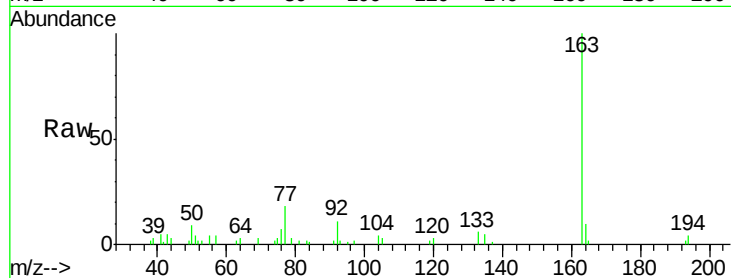
#49
Dimethylphthalate
Concen: 2.026 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G54-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.4	8.4	12.6

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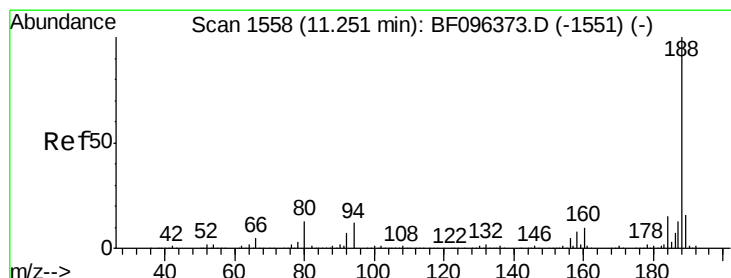
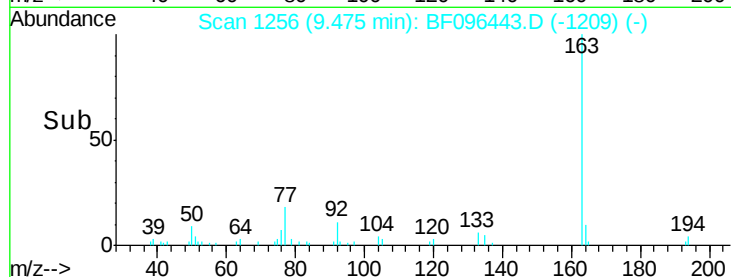
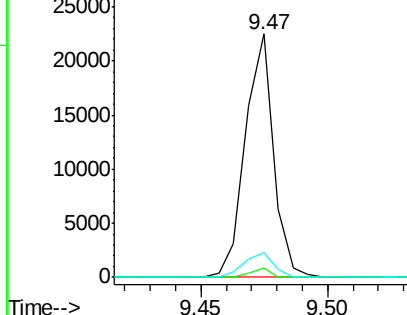


Abundance

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: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096443.D
Acq: 3 Jul 2017 16:09

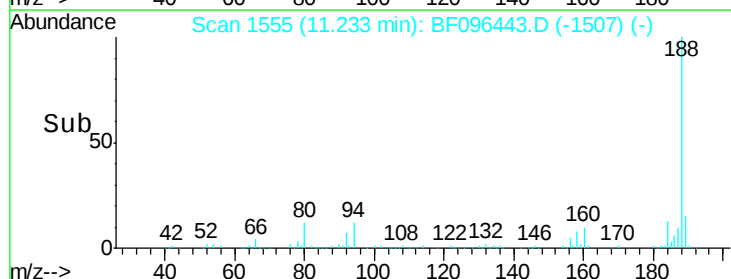
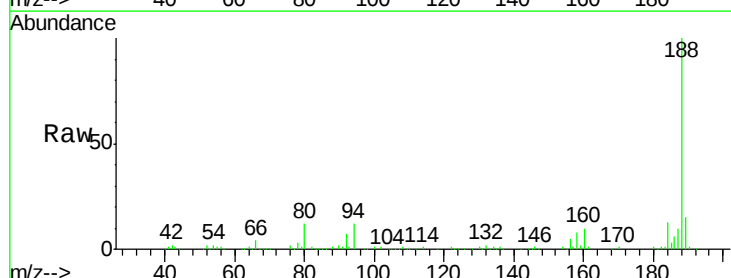
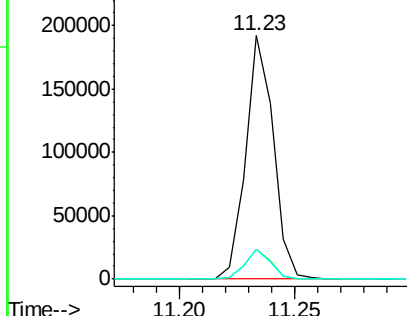
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.3	10.2	15.2

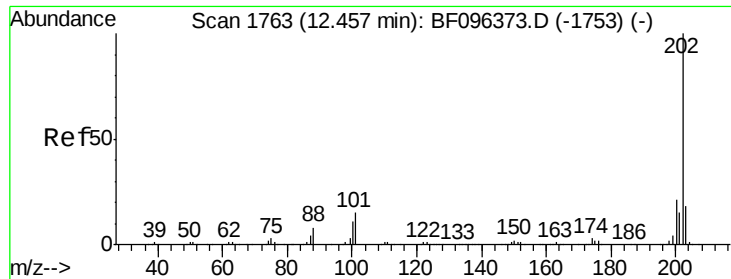
Abundance

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





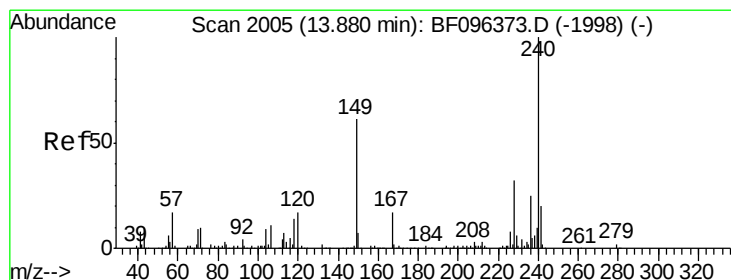
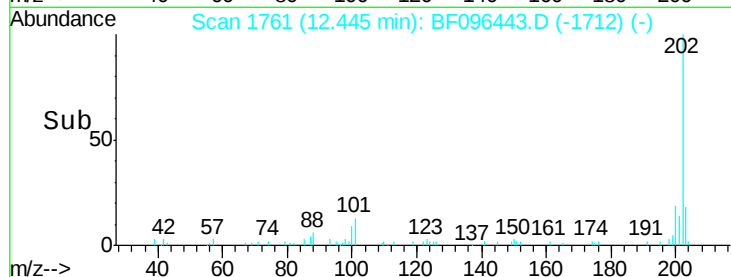
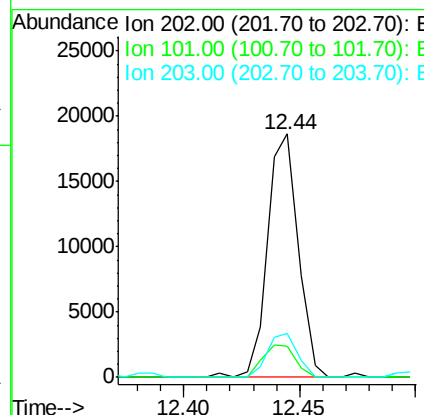
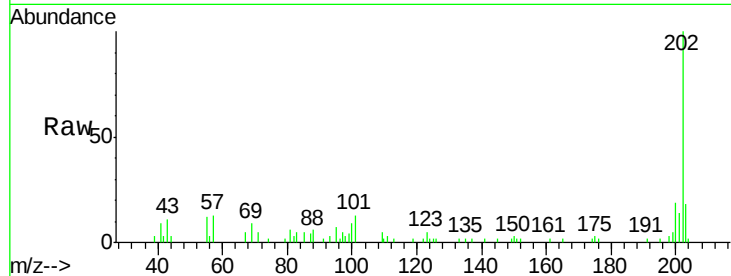
#74
 Fluoranthene
 Concen: 2.016 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Instrument :
 BNA_F
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 G54-0-1.5RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	0.0	33.2
203	18.0	0.0	38.1

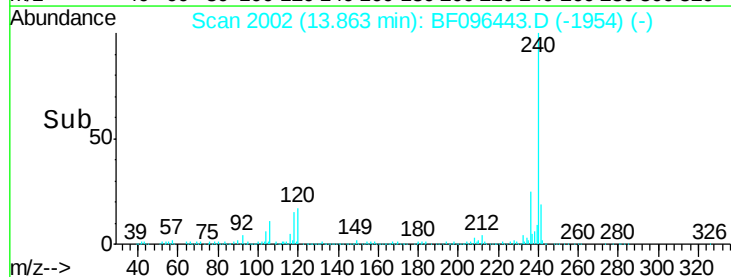
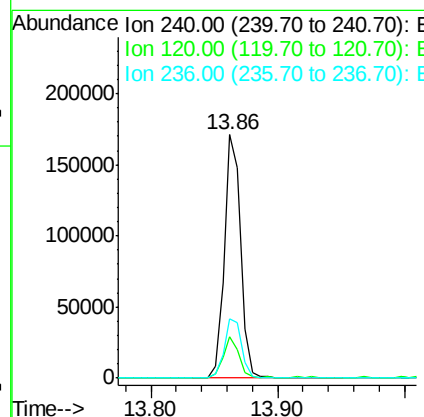
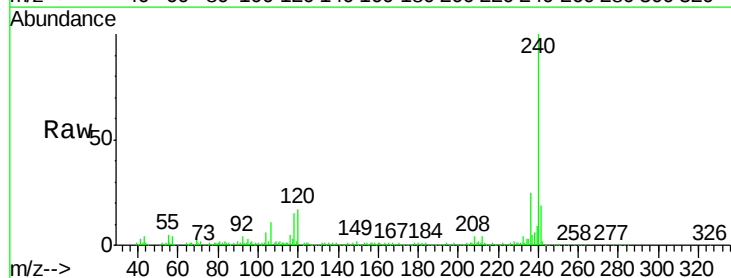
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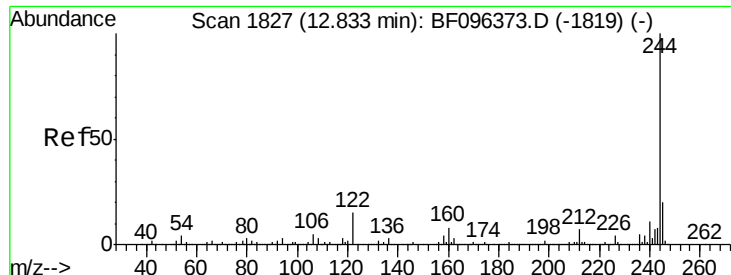
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.0	5.8	8.8#
236	24.6	20.5	30.7





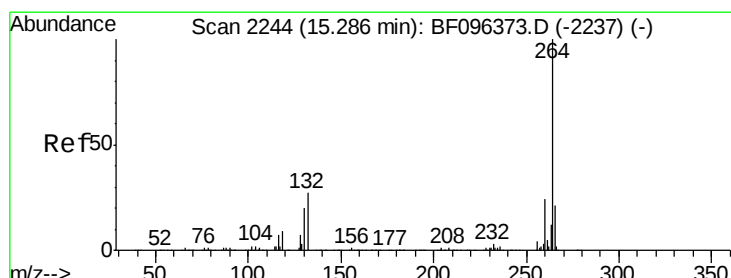
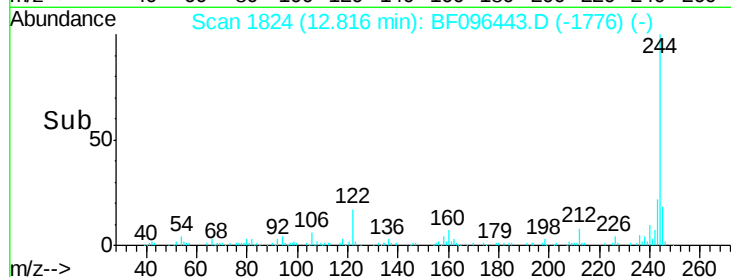
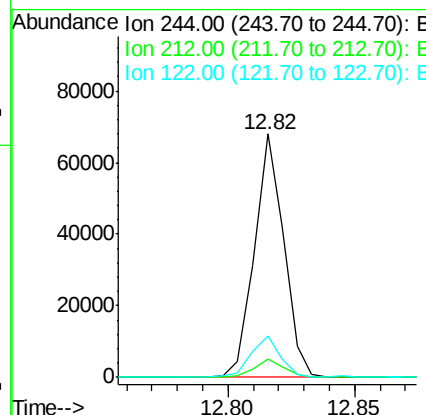
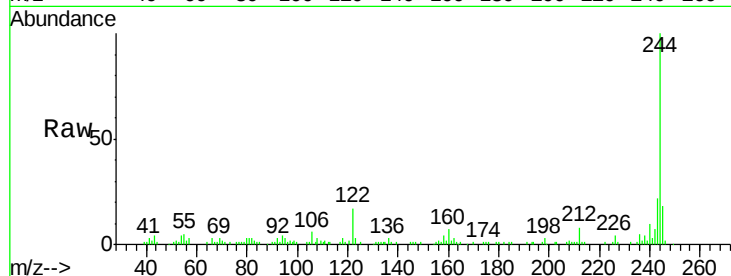
#78
 Terphenyl-d14
 Concen: 7.585 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G54-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	17.2	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096443.D
 Acq: 3 Jul 2017 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	21.8	17.2	25.8

