

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100109.D
 Acq On : 3 Nov 2017 3:12
 Operator : SJ/JU
 Sample : I6274-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-D-S

Manual Integrations
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 11/3/2017 11:20:50 AM

Quant Time: Nov 03 04:44:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80847	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	331318	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	147623	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	239532	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	144638	20.00	ng	-0.02
86) Perylene-d12	15.41	264	131911	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	213748	41.51	ng	0.00
7) Phenol-d6	6.42	99	178932	29.30	ng	-0.01
23) Nitrobenzene-d5	7.34	82	425930	82.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	102228	75.99	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	836243	87.40	ng	0.00
78) Terphenyl-d14	12.88	244	622811	94.10	ng	-0.02
Target Compounds						
31) Naphthalene	8.07	128	61632	3.854	ng	99
70) Phenanthrene	11.32	178	35880	2.654	ng	98

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

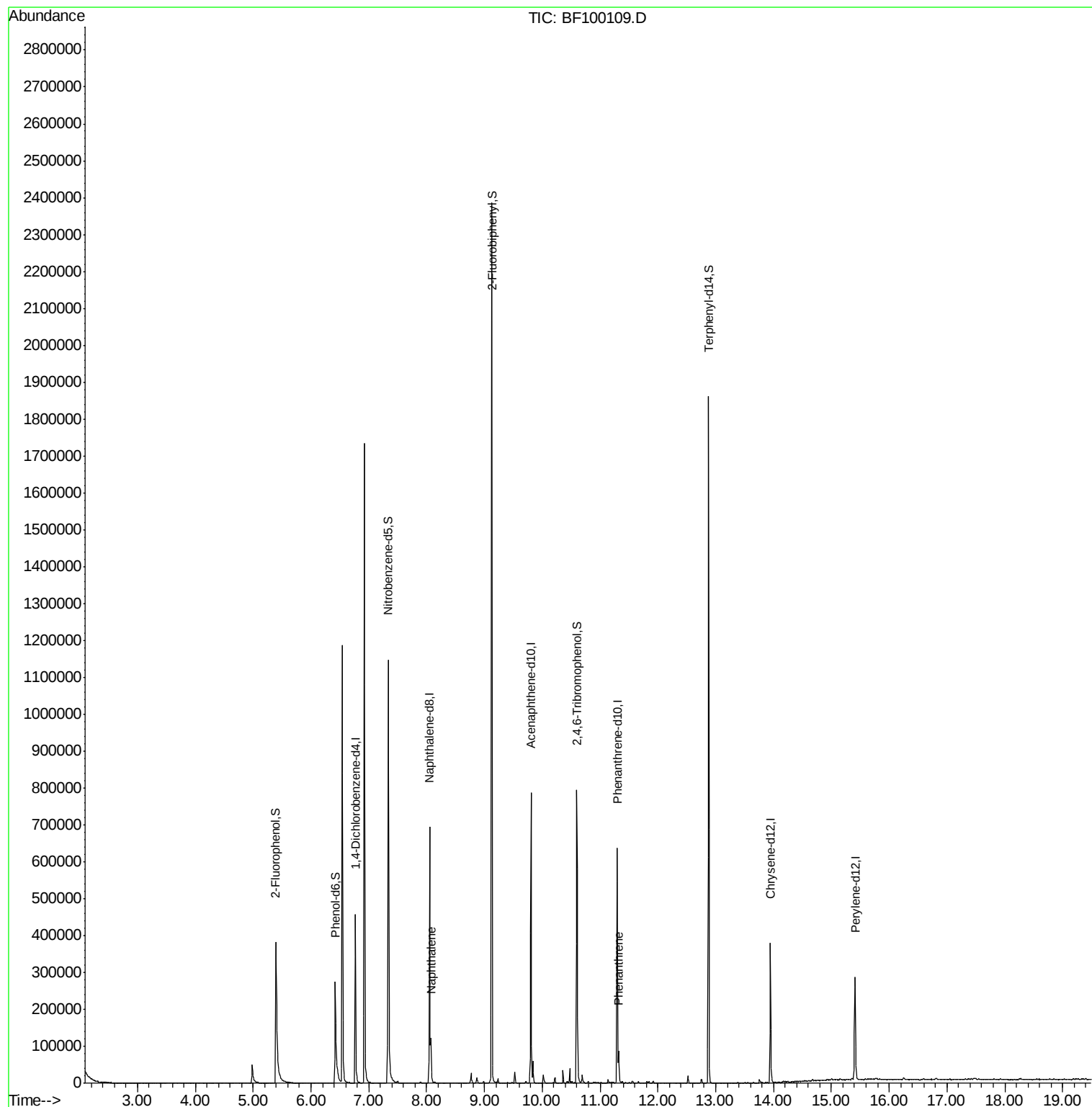
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100109.D
Acq On : 3 Nov 2017 3:12
Operator : SJ/JU
Sample : I6274-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-S

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QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration





#1

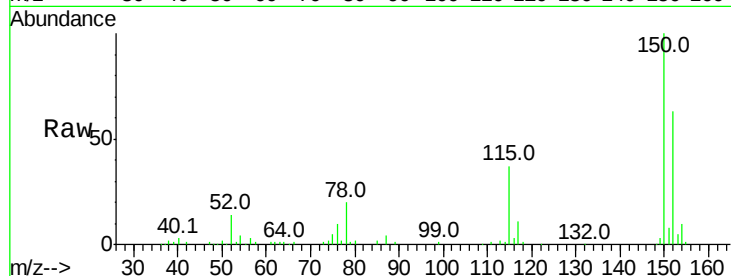
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-S

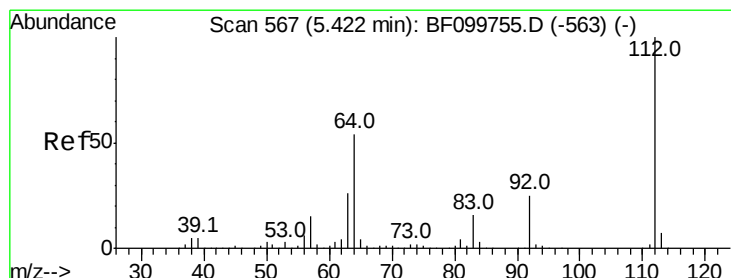
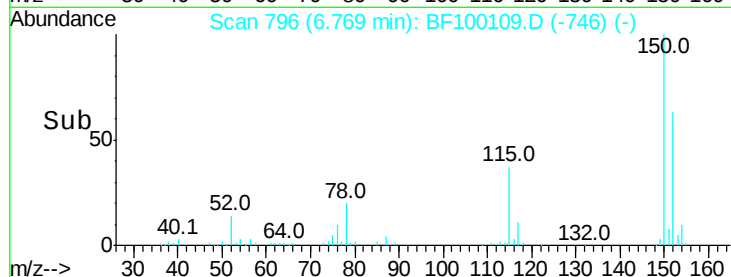
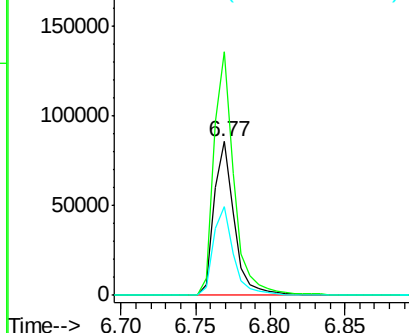
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.0	50.1	75.1

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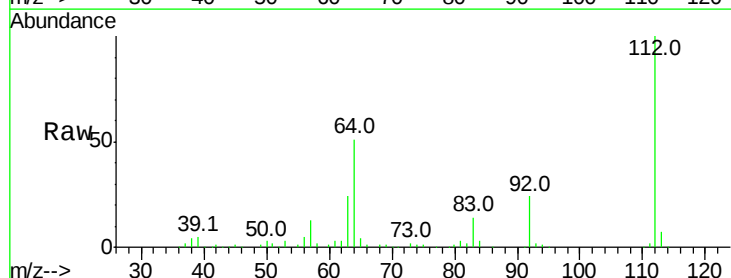
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



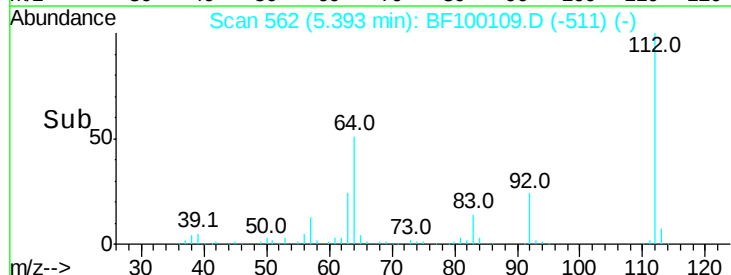
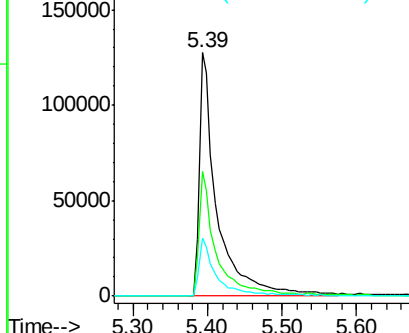
#5

2-Fluorophenol
Concen: 41.508 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	47.9	71.9
63	23.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.304 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

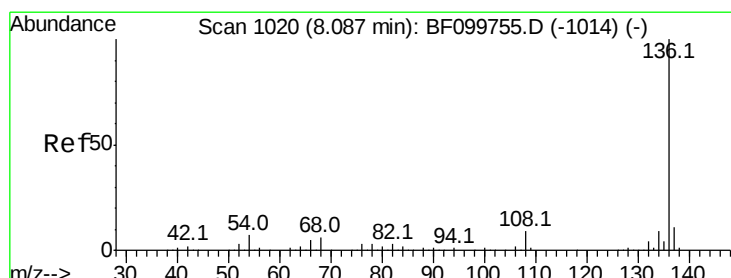
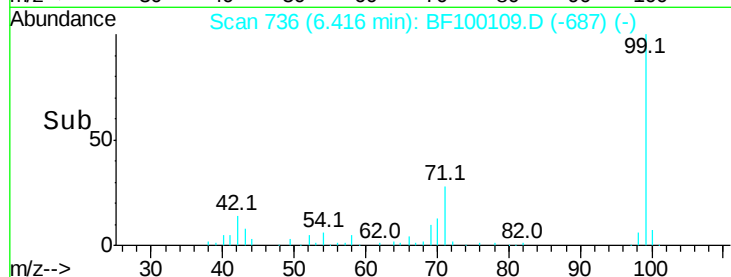
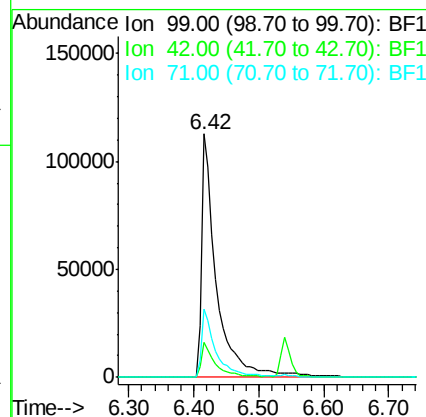
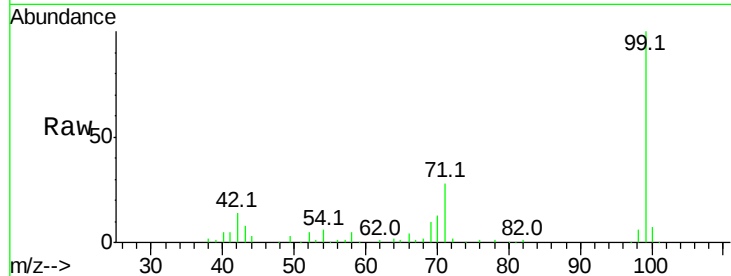
ClientSampleId :

110117-TIDO-F-D-S

Tot Ion:	99	Resp:	178932
Ion Ratio	Lower	Upper	
99	100		
42	14.4	14.5	21.7#
71	27.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

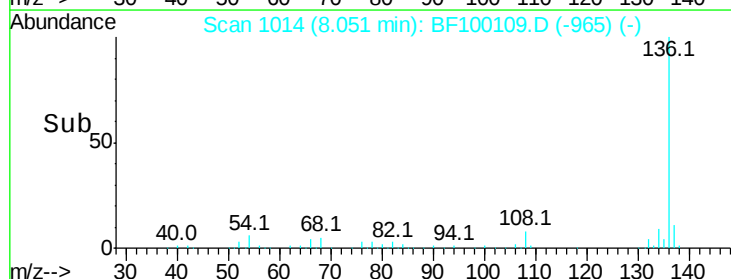
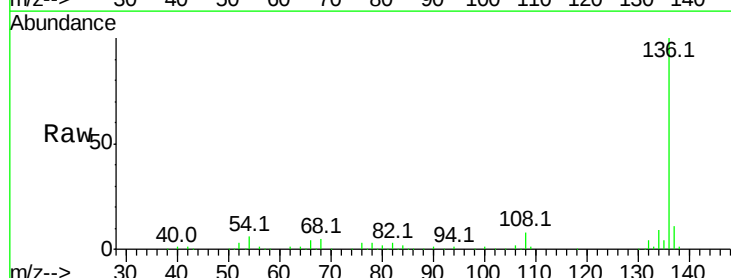
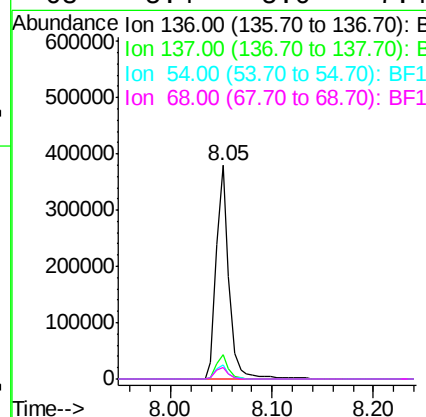
RT: 8.05 min Scan# 1014

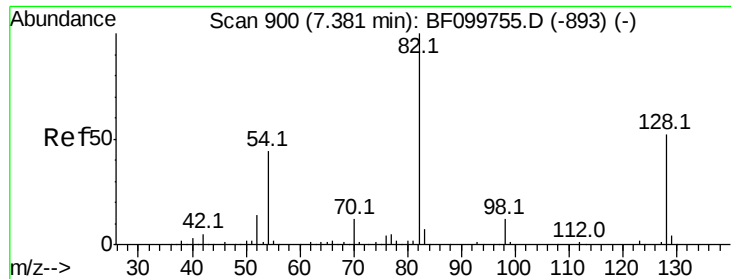
Delta R.T. -0.01 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Tgt Ion:	136	Resp:	331318
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4





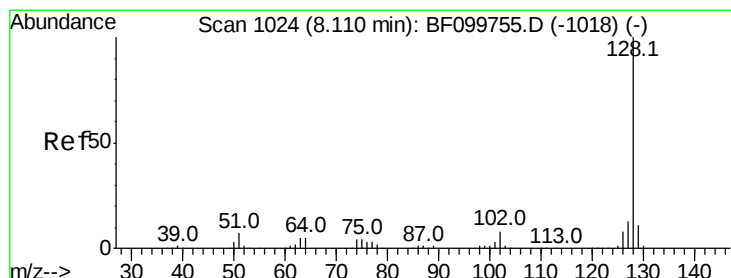
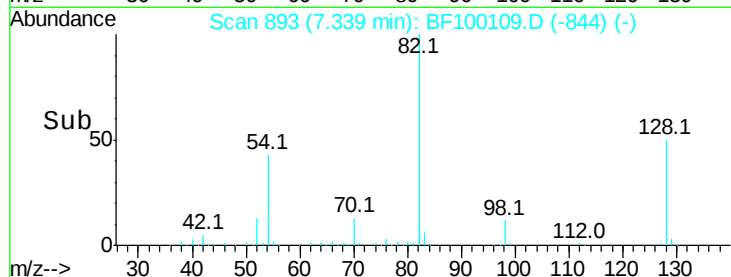
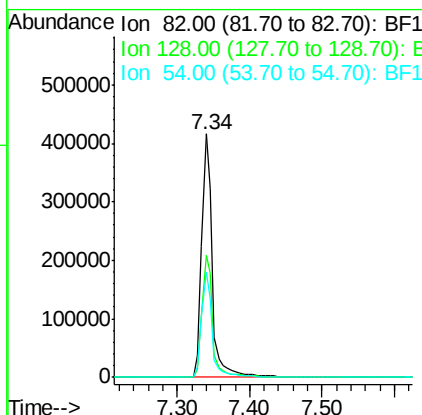
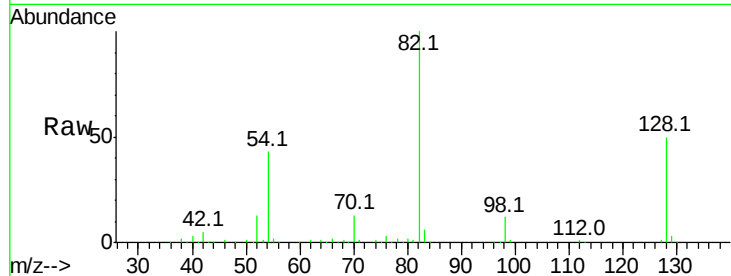
#23
Nitrobenzene-d5
Concen: 82.765 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.1	54.1
54	43.4	41.4	62.2

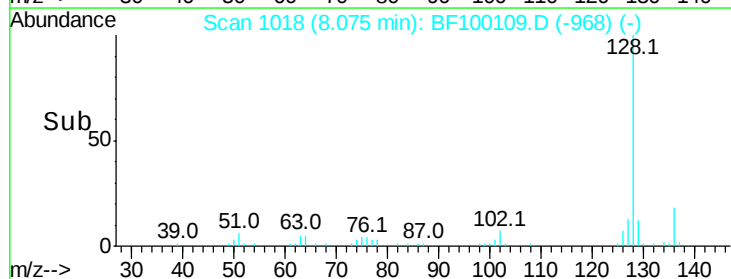
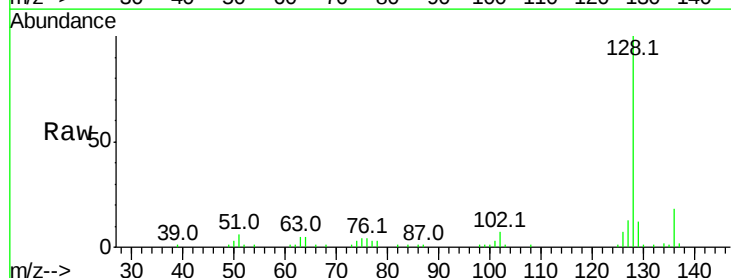
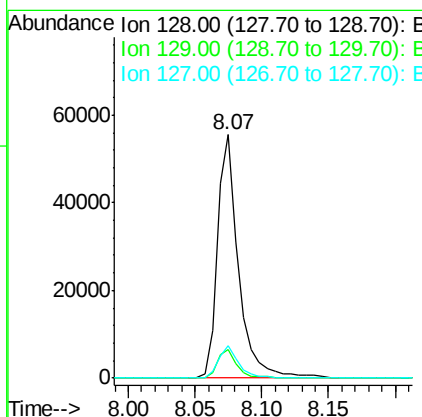
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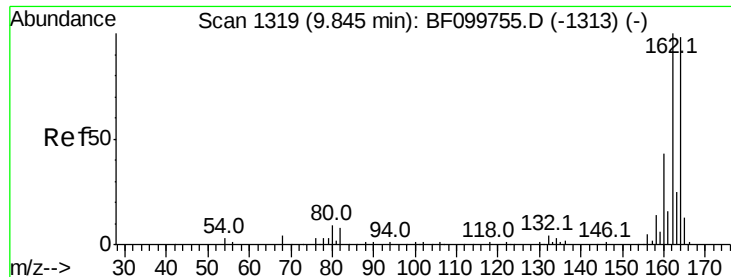
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#31
Naphthalene
Concen: 3.854 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.1	10.9	16.3





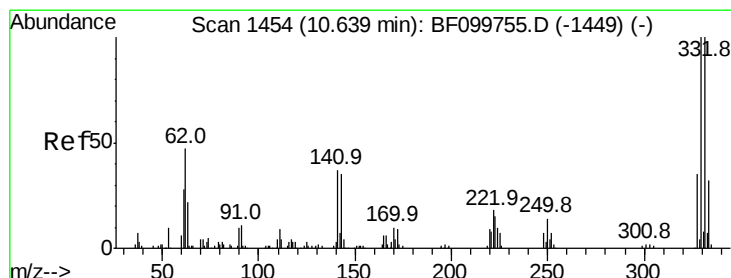
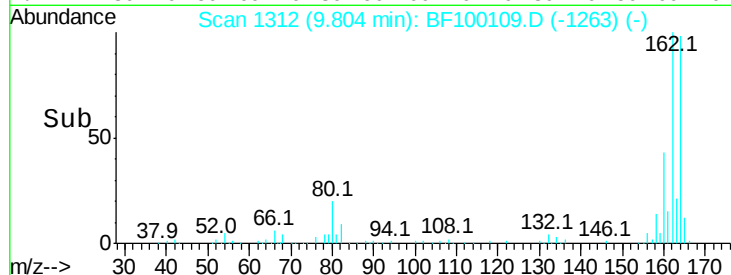
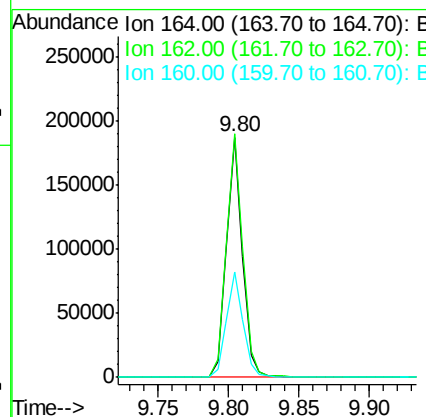
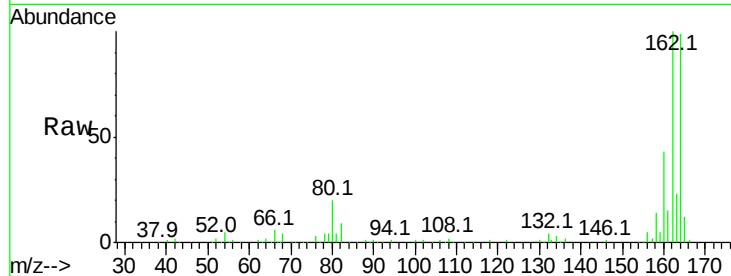
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-S

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	86.1	129.1	
160	44.1	38.3	57.5	

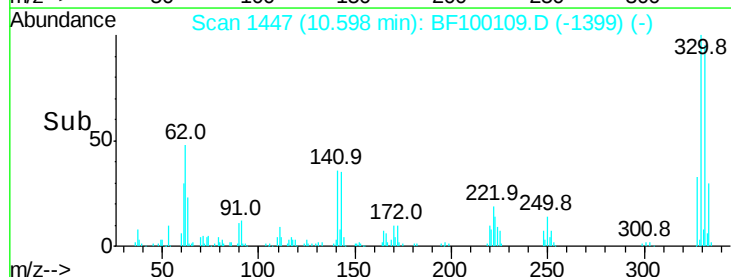
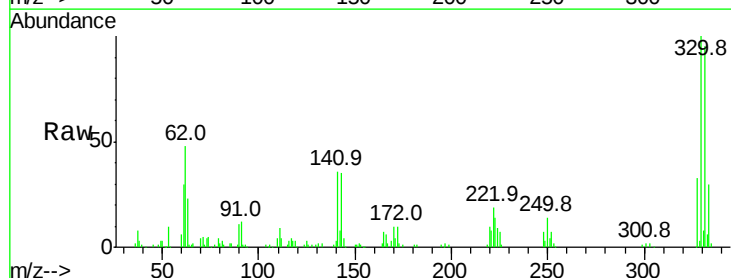
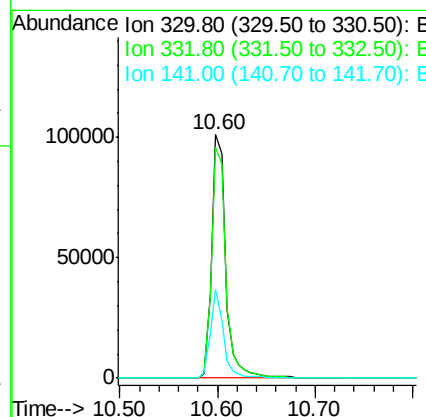
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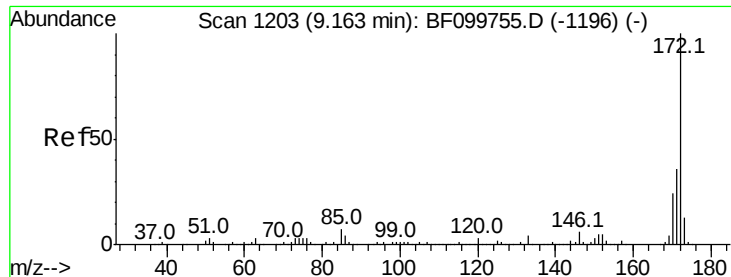
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#41
2,4,6-Tribromophenol
Concen: 75.988 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	33.1	29.9	44.9	





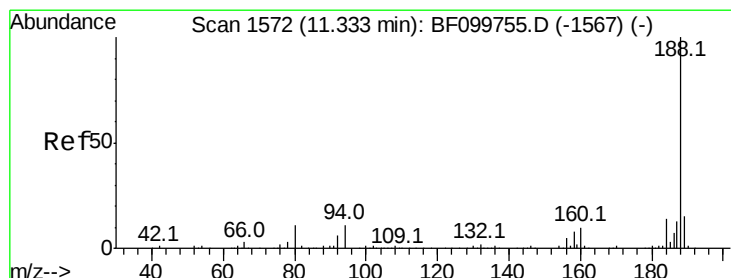
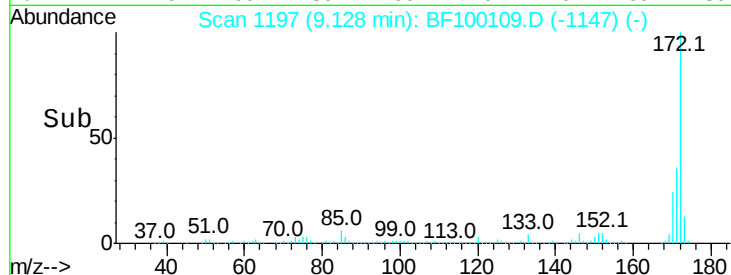
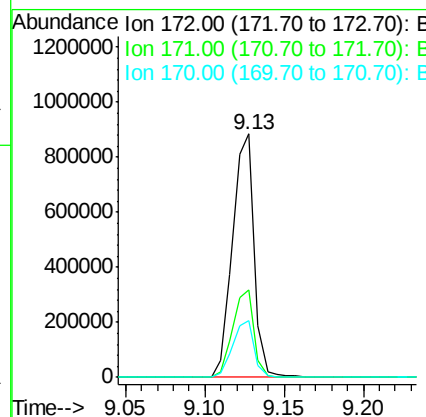
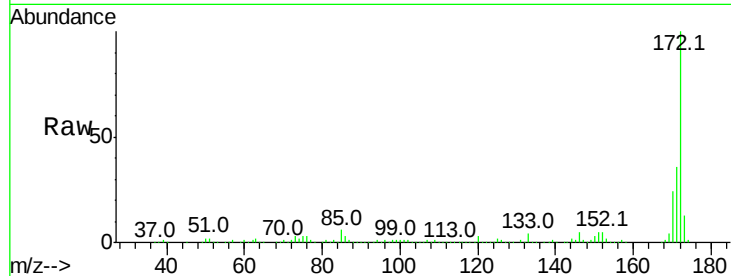
#44
 2-Fluorobiphenyl
 Concen: 87.398 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100109.D
 Acq: 3 Nov 2017 3:12

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4

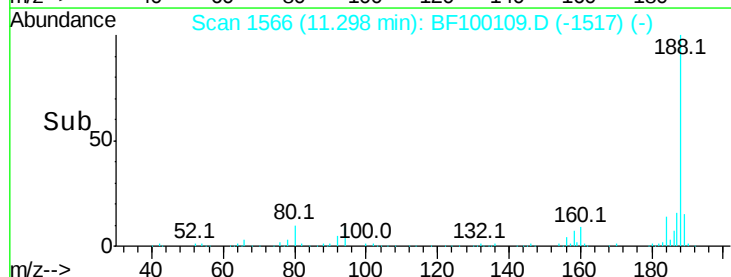
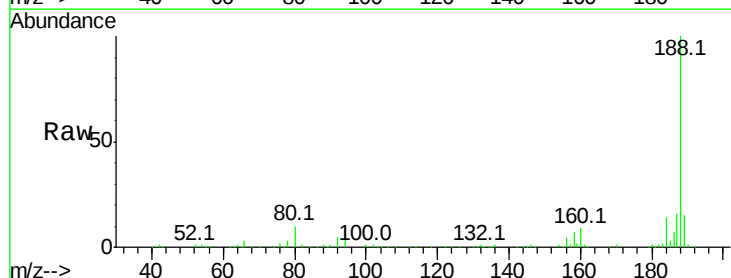
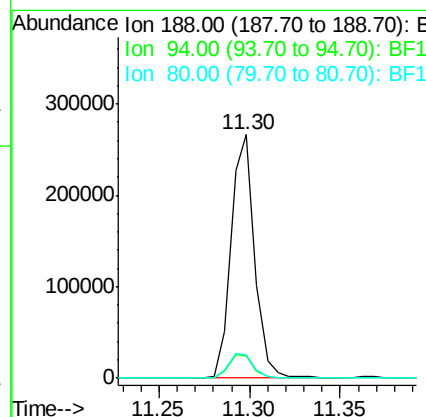
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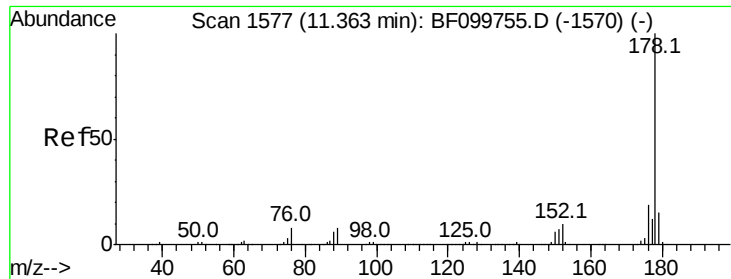
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100109.D
 Acq: 3 Nov 2017 3:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8





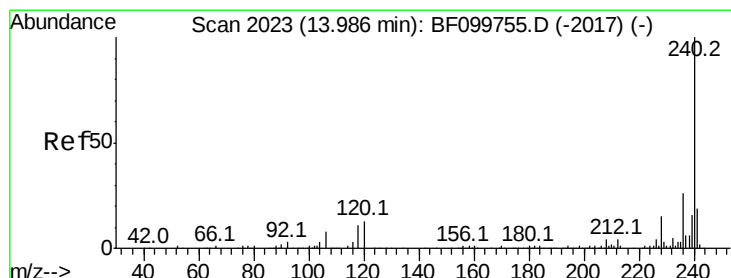
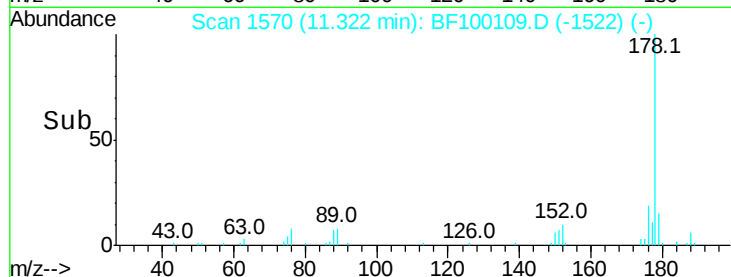
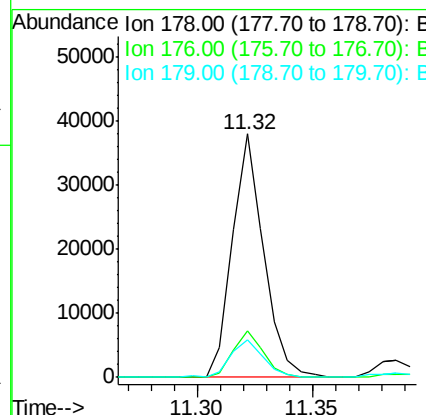
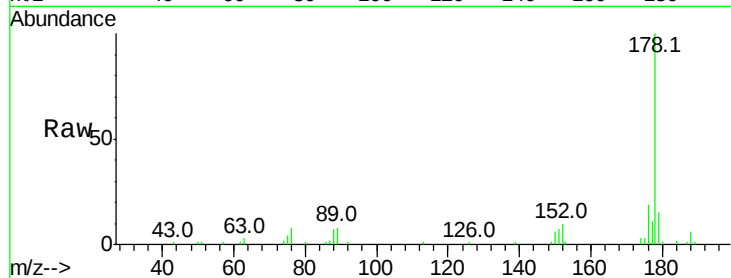
#70
Phenanthrene
Concen: 2.654 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	13.0	19.6

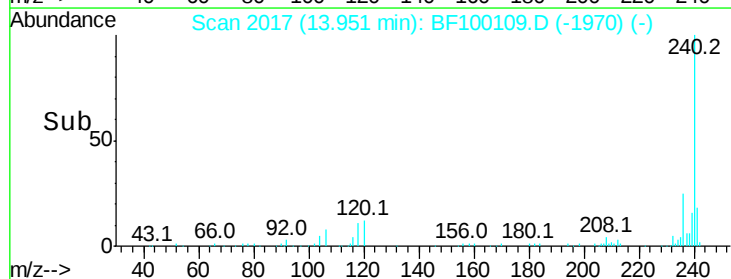
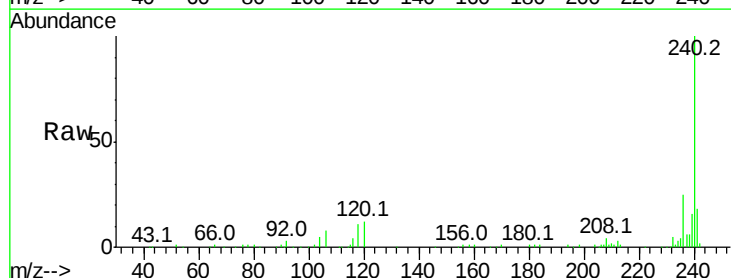
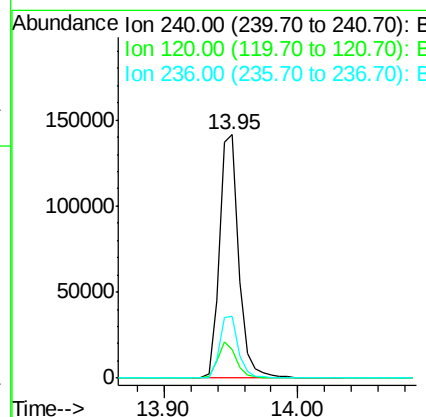
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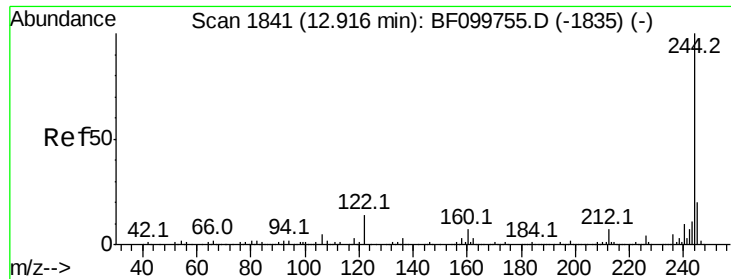
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 94.102 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

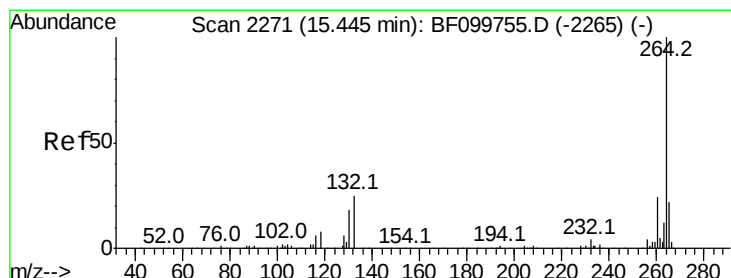
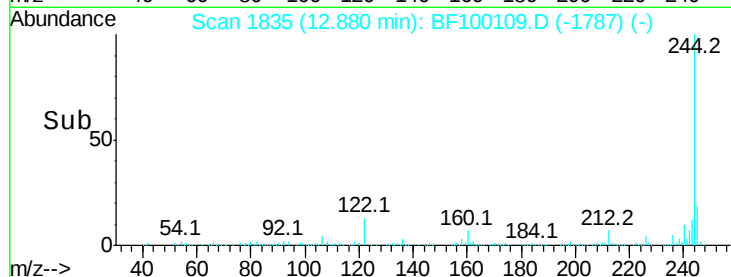
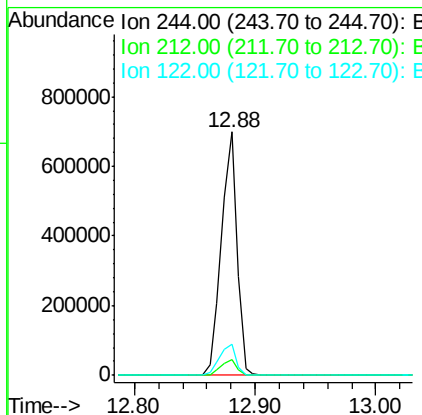
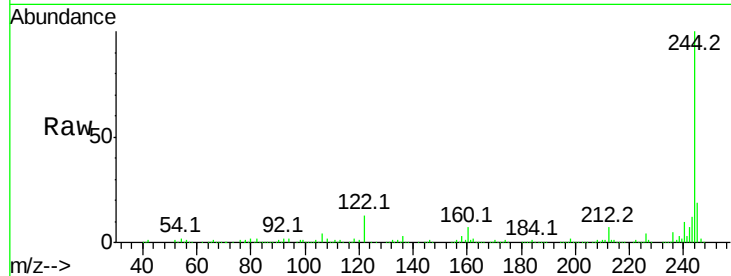
ClientSampleId :

110117-TIDO-F-D-S

Tot Ion:	244	Resp:	622811
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.6	11.0	16.4

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Tgt Ion:	264	Resp:	131911
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

