

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091406.D
 Acq On : 2 Dec 2016 23:06
 Operator : UM/SJ
 Sample : H5829-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-120116

Manual Integrations
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Quant Time: Dec 02 23:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	222473	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	809885	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	486490	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	722892	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	539876	20.00	ng	-0.03
86) Perylene-d12	15.44	264	463974	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1014761	74.51	ng	0.00
7) Phenol-d6	6.49	99	1388071	82.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	712649	49.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	336414	73.04	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1479182	55.05	ng	-0.02
78) Terphenyl-d14	12.96	244	1057490	42.57	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	66394	3.37	ng	78
49) Dimethylphthalate	9.61	163	267913	9.10	ng	97
70) Phenanthrene	11.41	178	90781	2.42	ng	98
74) Fluoranthene	12.59	202	152837	4.30	ng	98
77) Pyrene	12.81	202	193555	4.72	ng	98
80) Benzo(a)anthracene	14.00	228	82434m	2.61	ng	
82) Chrysene	14.04	228	104454	3.34	ng	95
87) Benzo(b)fluoranthene	15.03	252	94009m	3.26	ng	
89) Benzo(a)pyrene	15.39	252	74879m	2.89	ng	

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

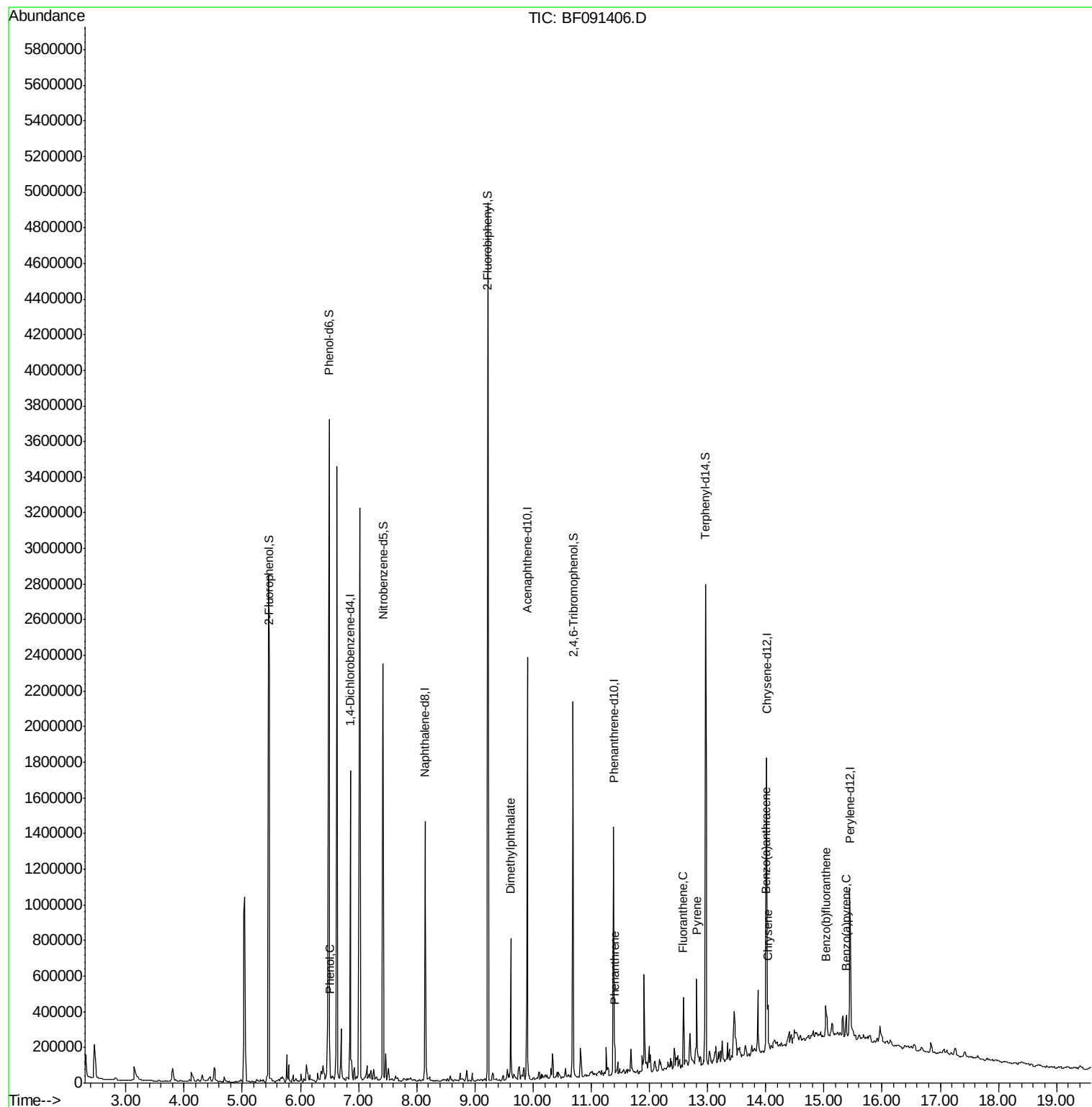
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091406.D
Acq On : 2 Dec 2016 23:06
Operator : UM/SJ
Sample : H5829-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

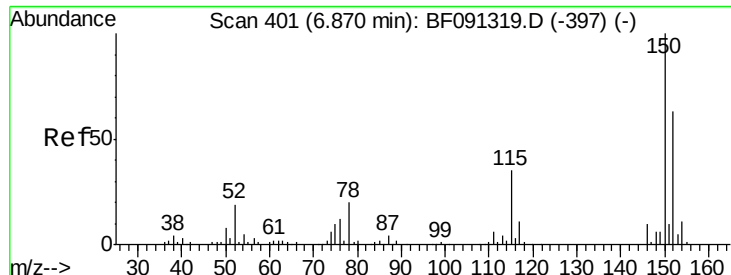
Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

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Quant Time: Dec 02 23:39:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

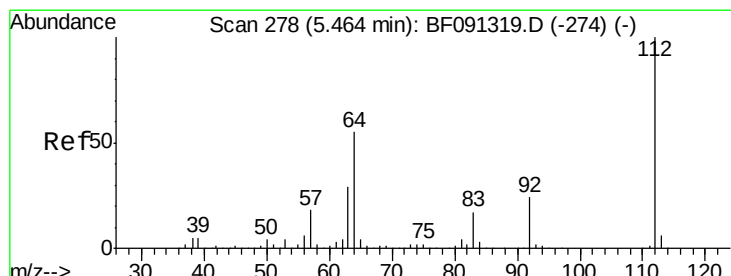
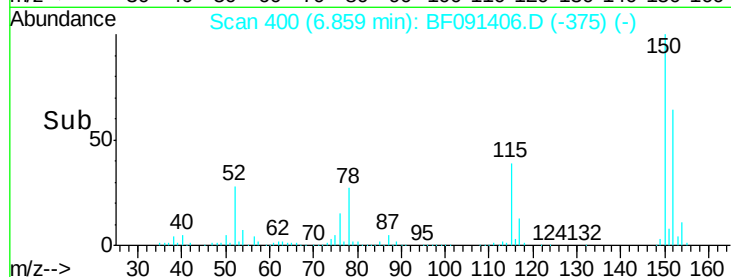
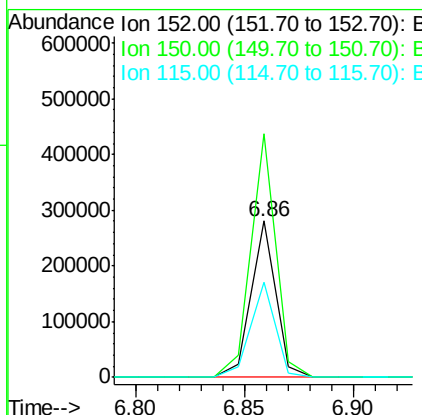
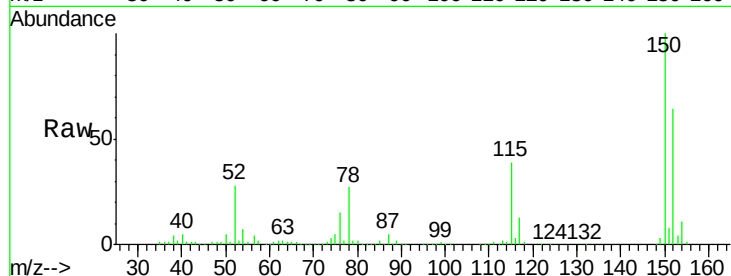
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	222473		
150	155.7	122.5	183.7	
115	61.2	51.8	77.8	

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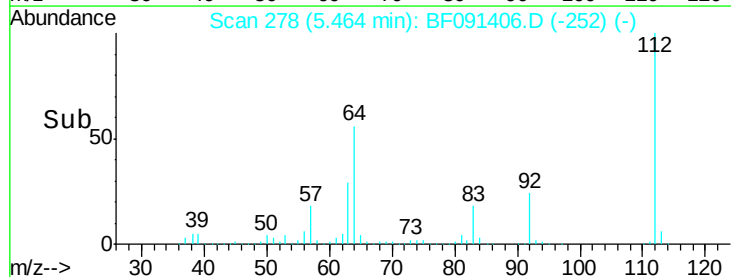
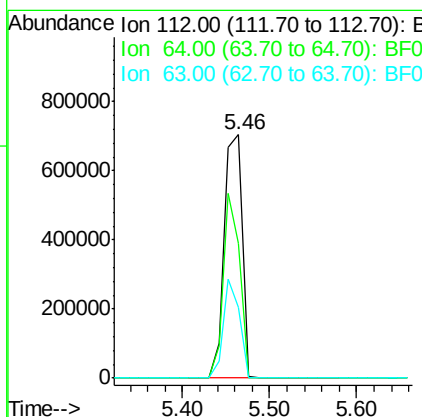
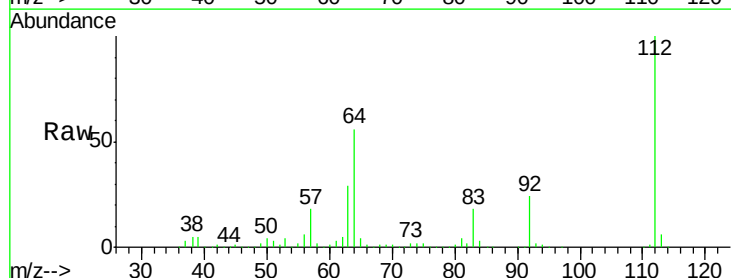
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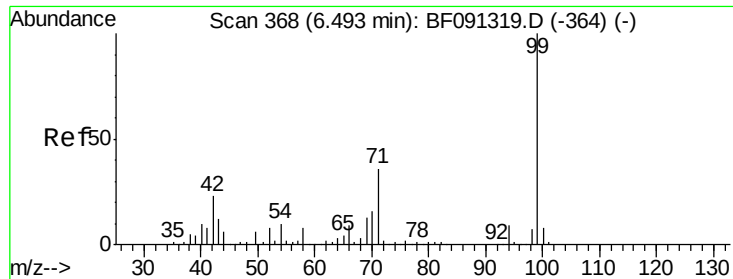


#5

2-Fluorophenol
Concen: 74.51 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1014761		
64	55.5	61.5	92.3#	
63	29.2	33.3	49.9#	





#7

Phenol-d6

Concen: 82.80 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

Instrument :

BNA_F

ClientSampleId :

WESTWALL-120116

Tgt Ion: 99 Resp: 1388071

Ion Ratio Lower Upper

99 100

42 21.8 20.6 31.0

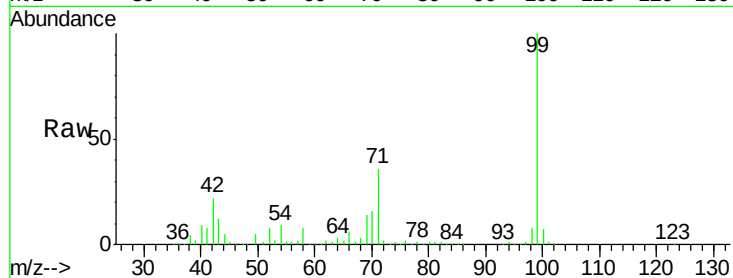
71 36.3 29.9 44.9

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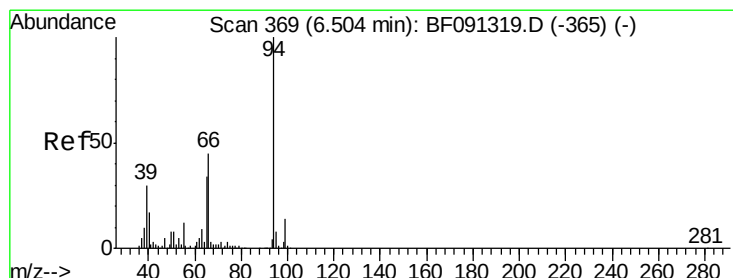
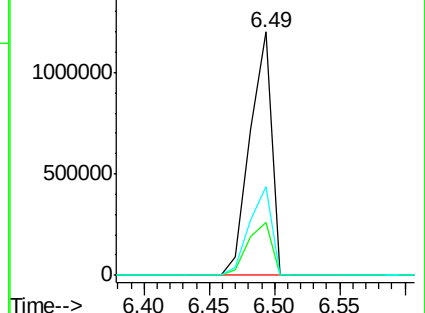
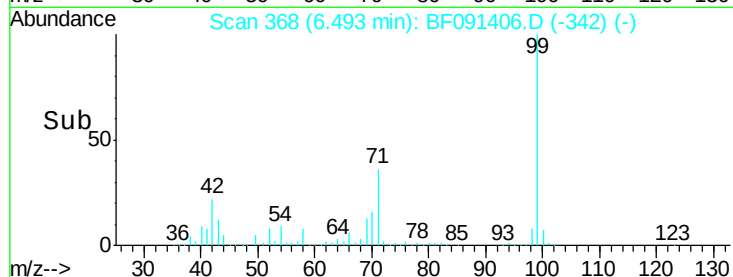
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.37 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

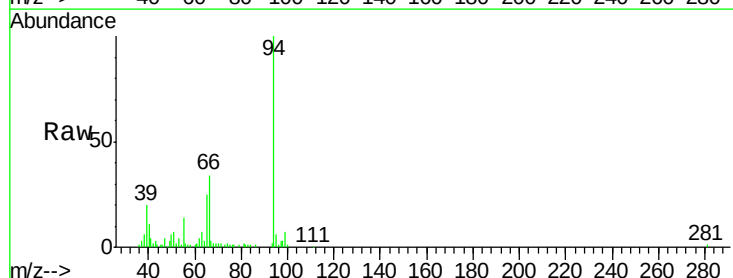
Tgt Ion: 94 Resp: 66394

Ion Ratio Lower Upper

94 100

65 25.4 16.9 56.9

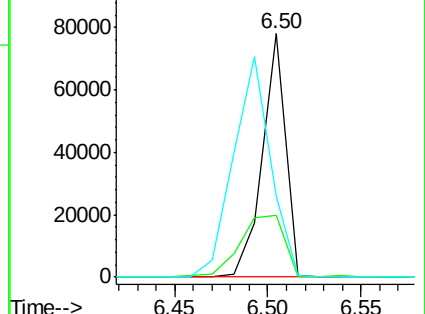
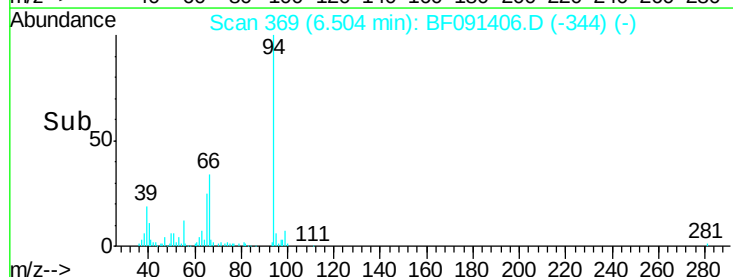
66 33.6 30.6 70.6

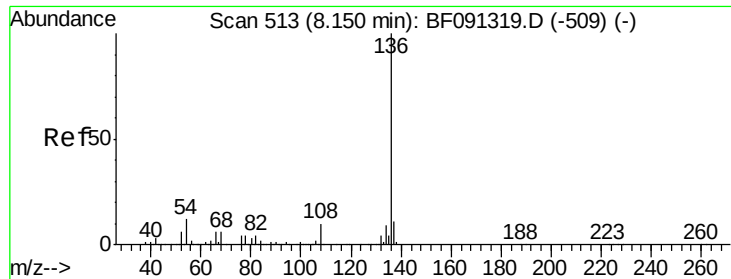


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





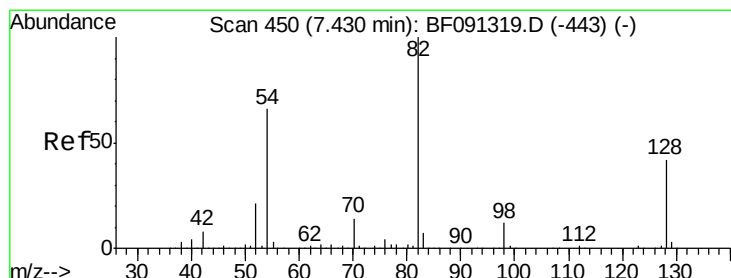
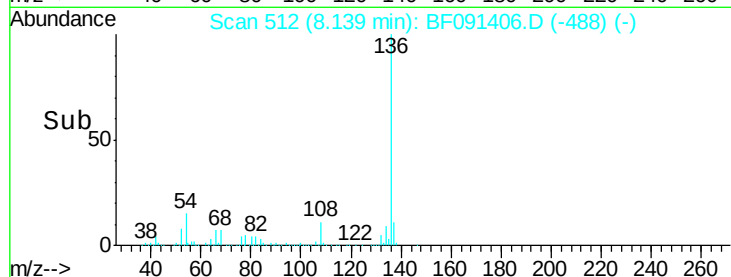
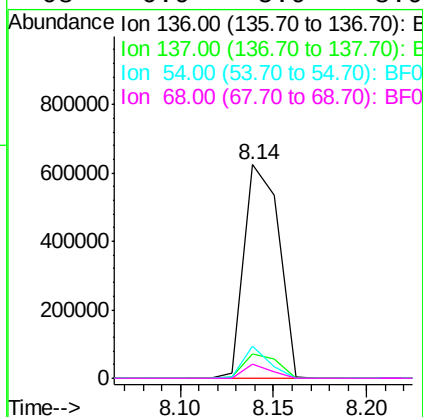
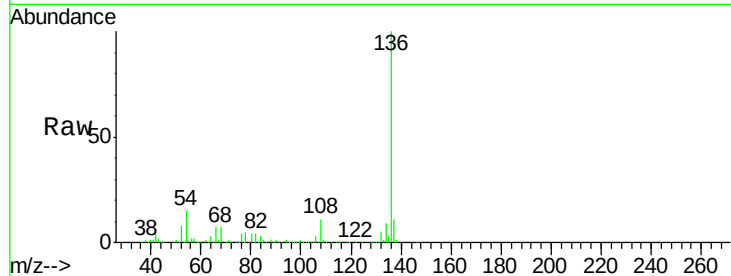
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	9.1	13.7
54	14.9	9.1	13.7#
68	6.9	5.9	8.9

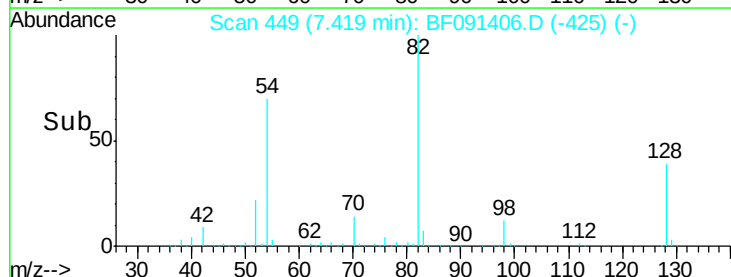
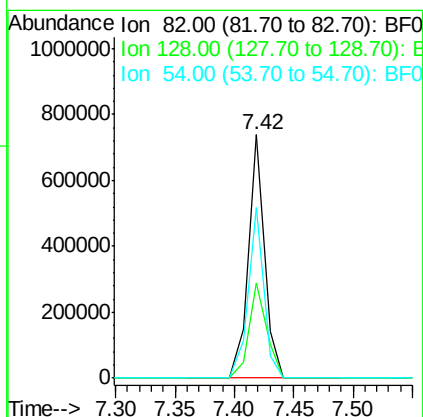
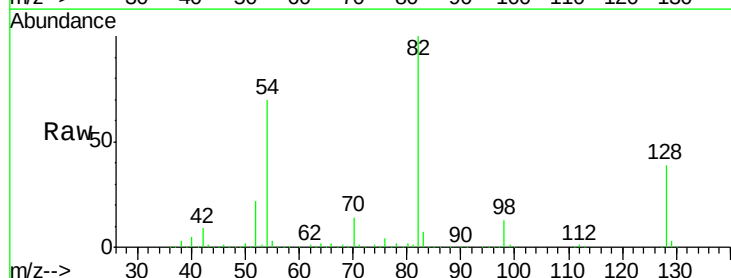
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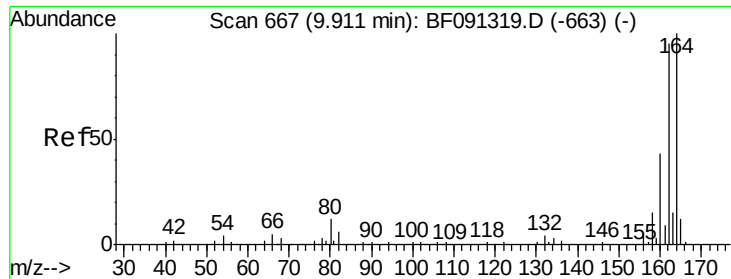
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#23
Nitrobenzene-d5
Concen: 49.31 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.2	31.8	47.6
54	69.9	49.1	73.7





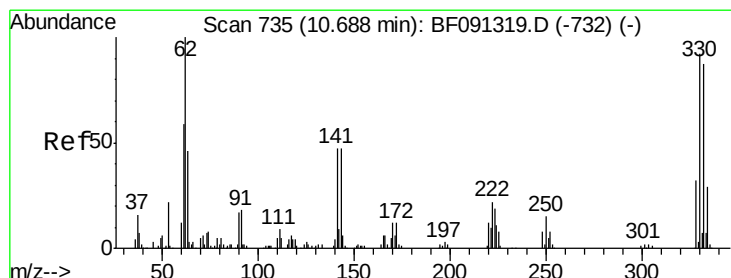
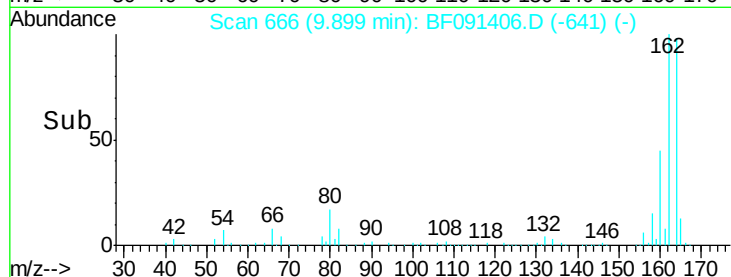
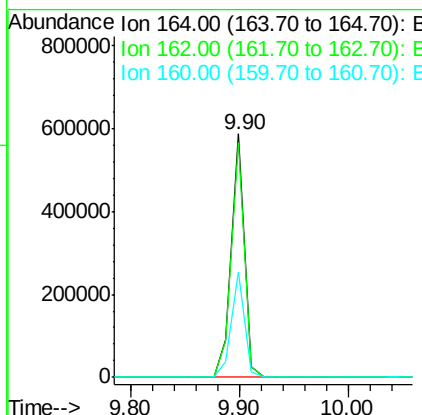
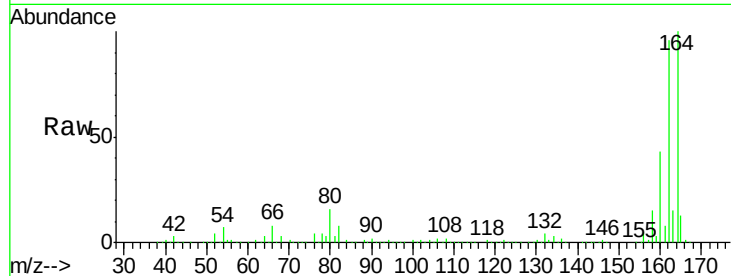
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091406.D
 Acq: 2 Dec 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-120116

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	486490		
162	96.5	82.6	124.0	
160	43.0	36.7	55.1	

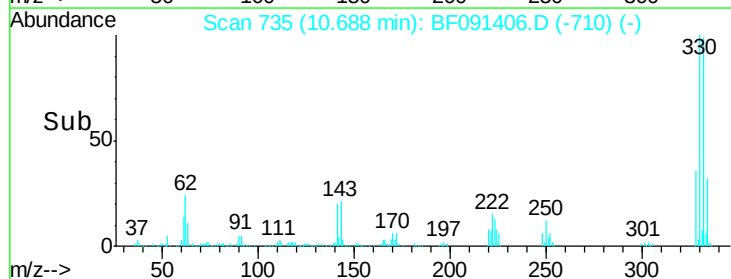
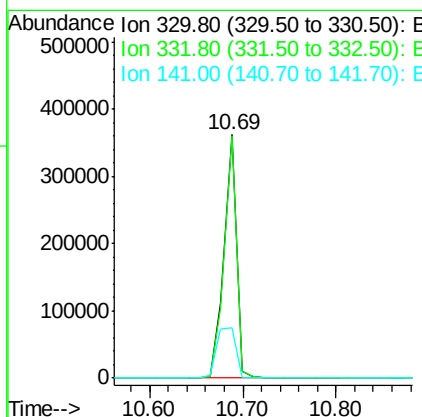
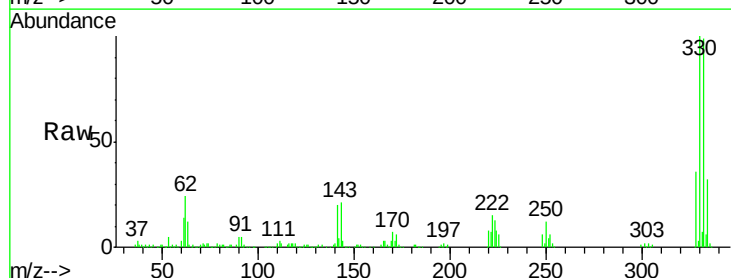
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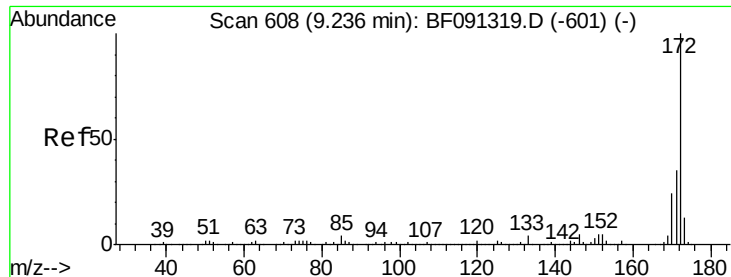
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#41
 2,4,6-Tribromophenol
 Concen: 73.04 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091406.D
 Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336414		
332	97.9	76.2	114.4	
141	31.5	33.6	50.4	





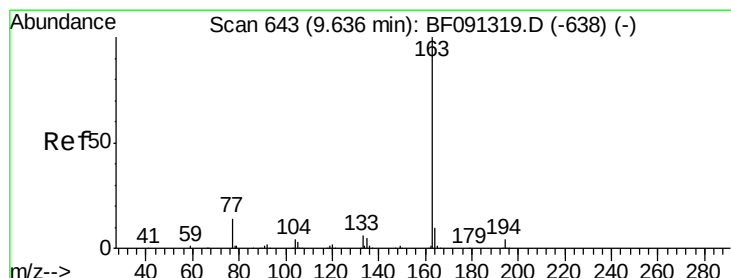
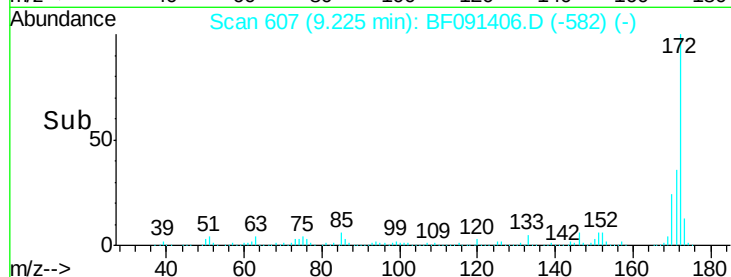
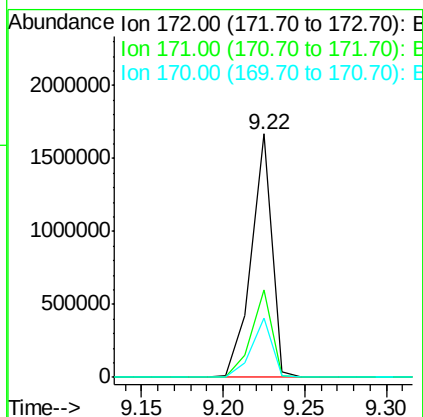
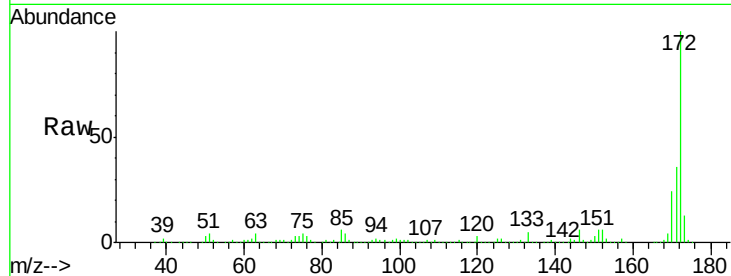
#44
2-Fluorobiphenyl
Concen: 55.05 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

Tgt Ion:172 Resp: 1479182
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.4 19.7 29.5

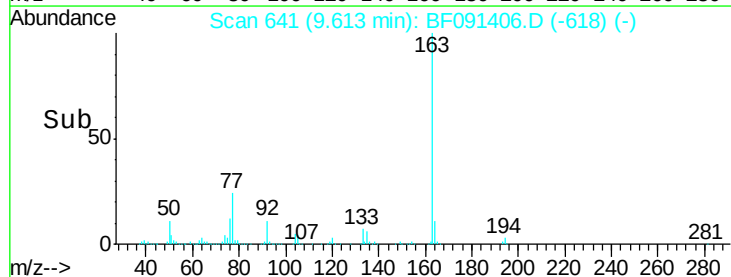
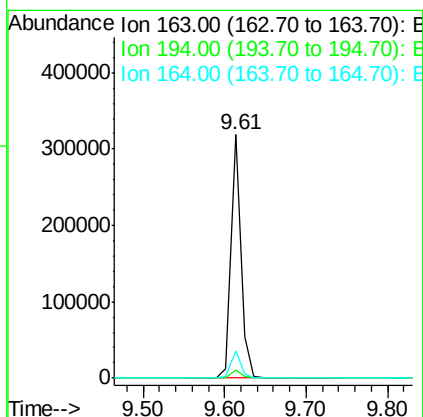
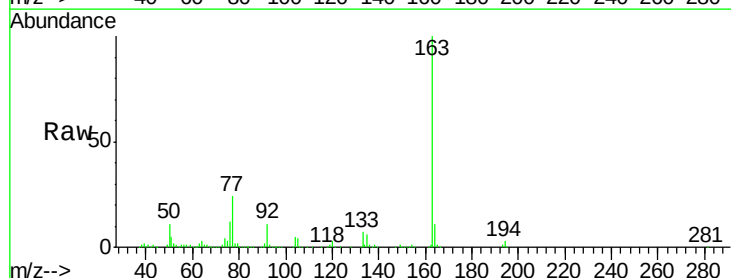
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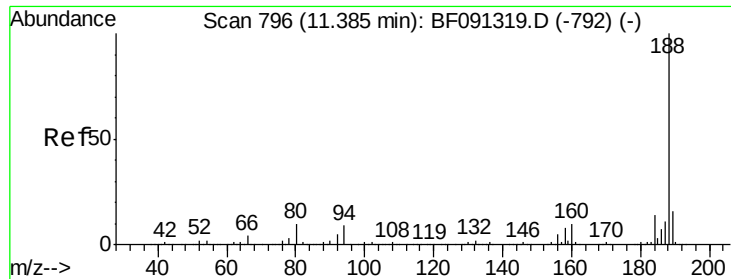
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#49
Dimethylphthalate
Concen: 9.10 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion:163 Resp: 267913
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 11.0 7.8 11.8





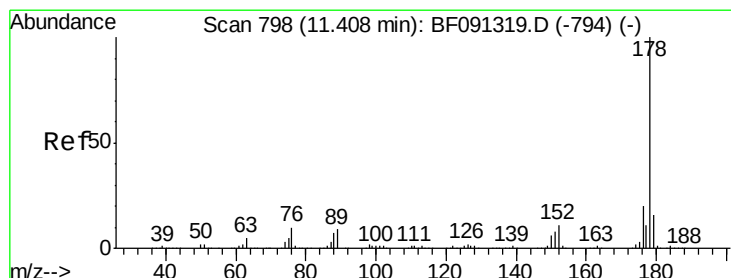
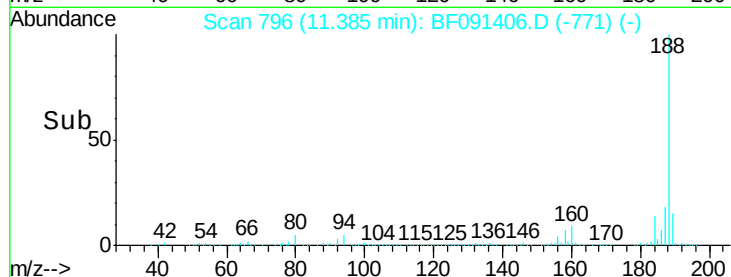
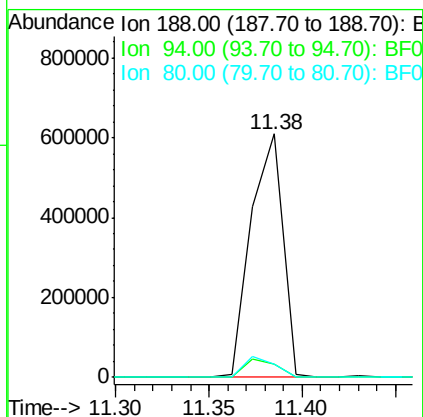
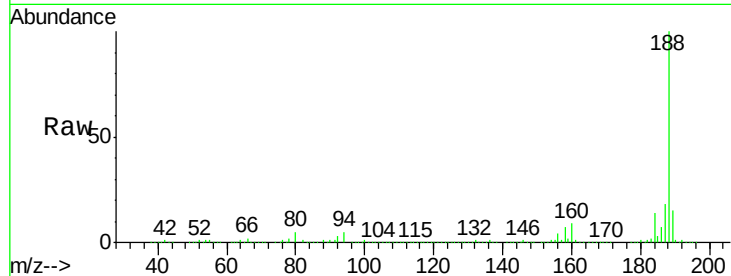
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.3	9.2	13.8#
80	5.2	10.5	15.7#

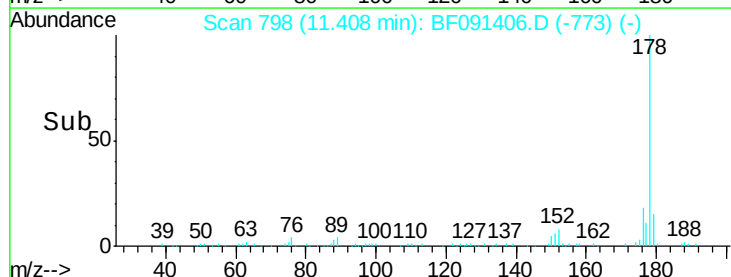
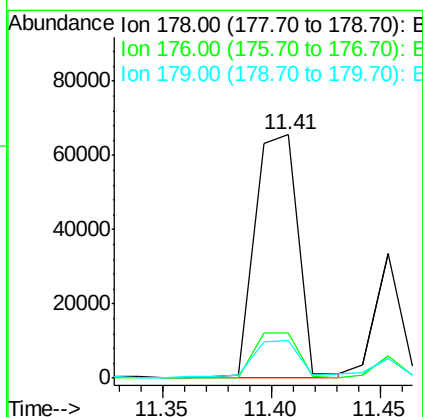
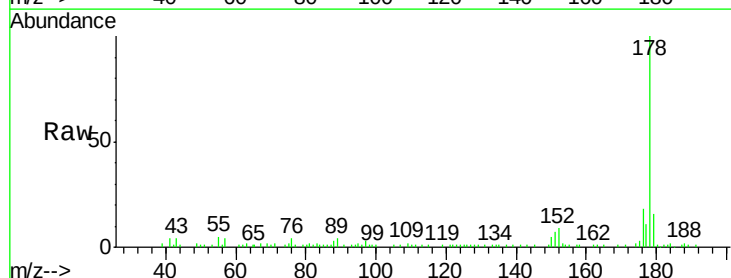
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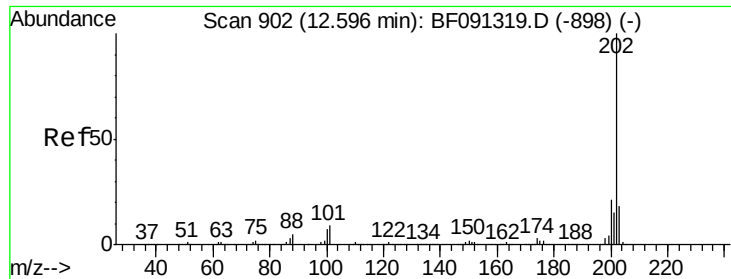
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#70
Phenanthrene
Concen: 2.42 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.9	23.9
179	15.5	12.6	18.8





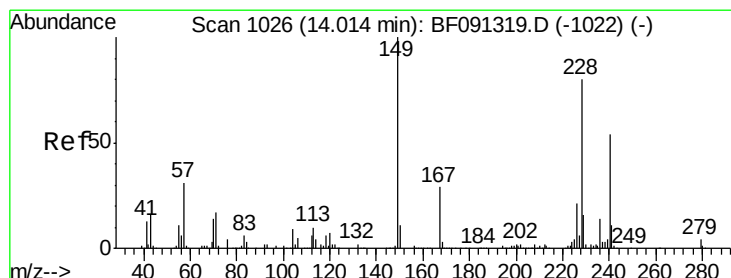
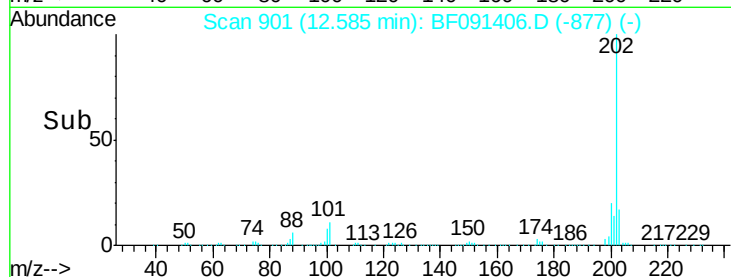
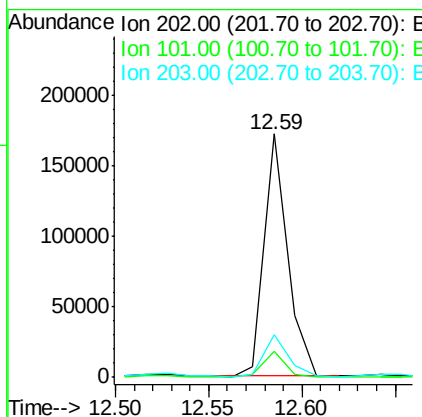
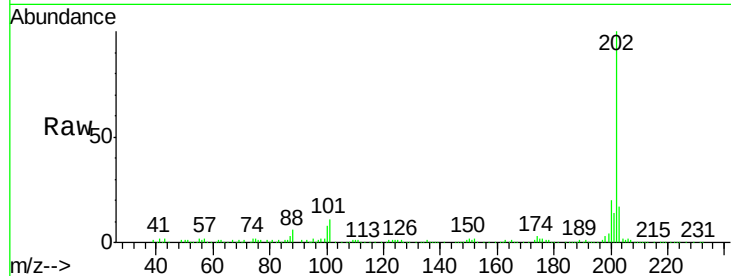
#74
Fluoranthene
Concen: 4.30 ng
RT: 12.59 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	29.5
203	17.3	0.0	37.8

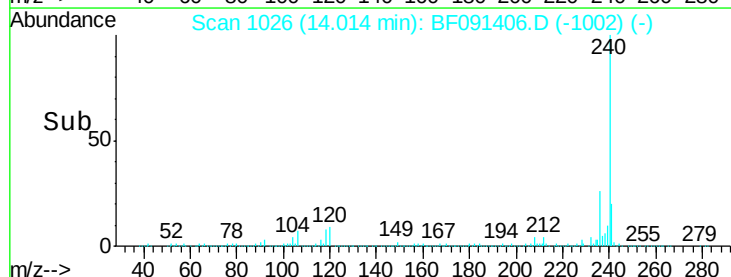
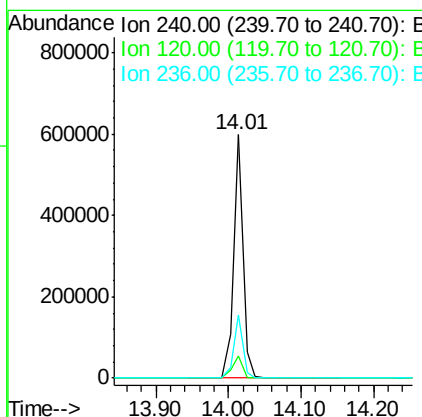
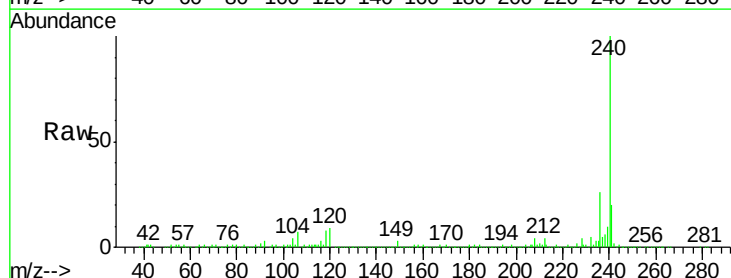
Manual Integrations
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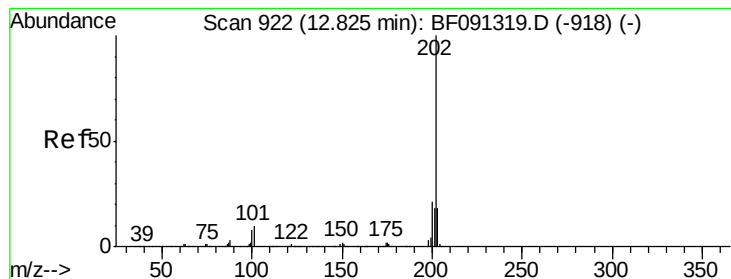
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.3	12.1	18.1#
236	26.1	21.0	31.6





#77

Pyrene

Concen: 4.72 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

Instrument :

BNA_F

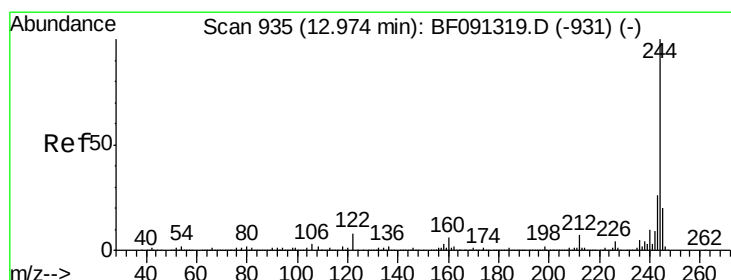
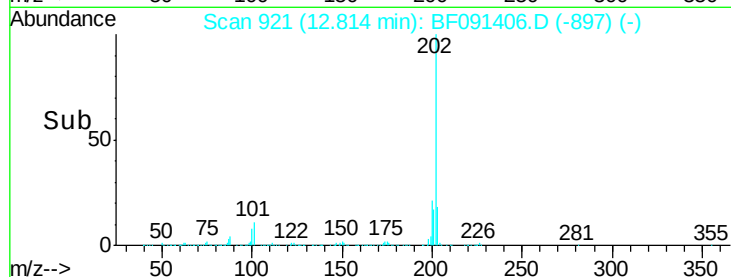
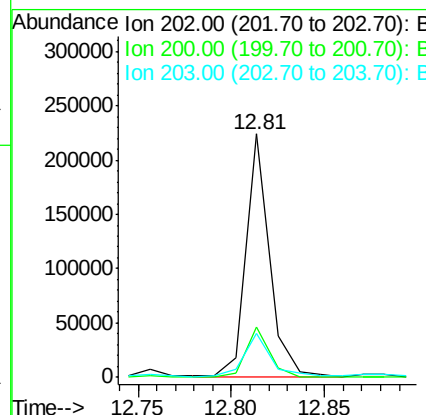
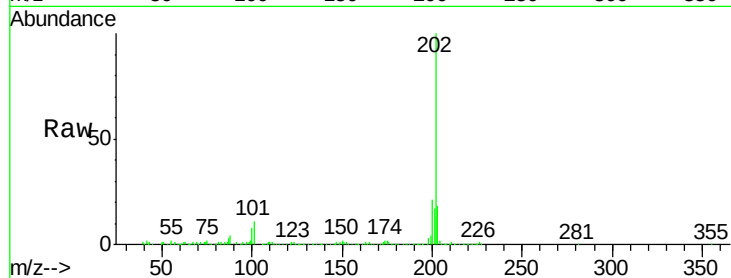
ClientSampleId :

WESTWALL-120116

Tgt Ion:	202	Resp:	193555
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.9	14.0	21.0

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12/5/2016 11:20:59 AM



#78

Terphenyl-d14

Concen: 42.57 ng

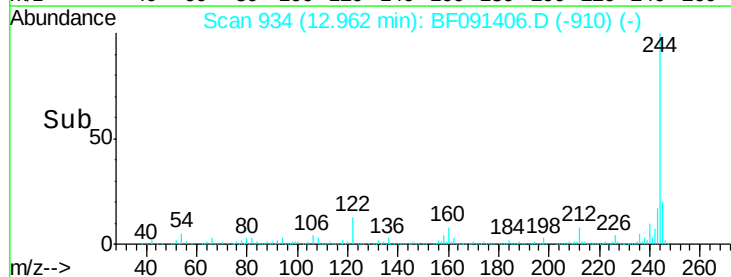
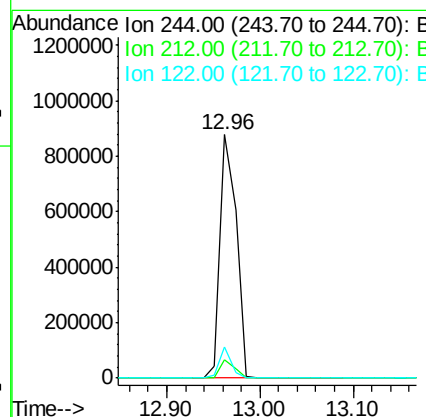
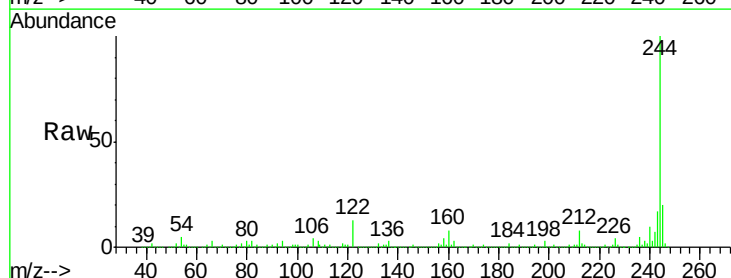
RT: 12.96 min Scan# 934

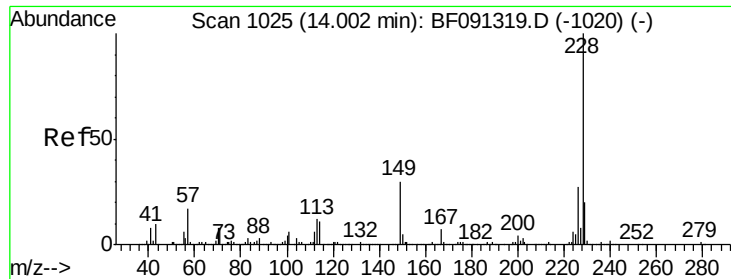
Delta R.T. -0.03 min

Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

Tgt Ion:	244	Resp:	1057490
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	12.7	9.5	14.3





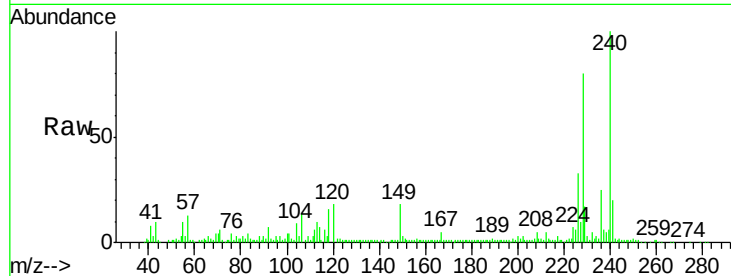
#80
Benzo(a)anthracene
Concen: 2.61 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
WESTWALL-120116

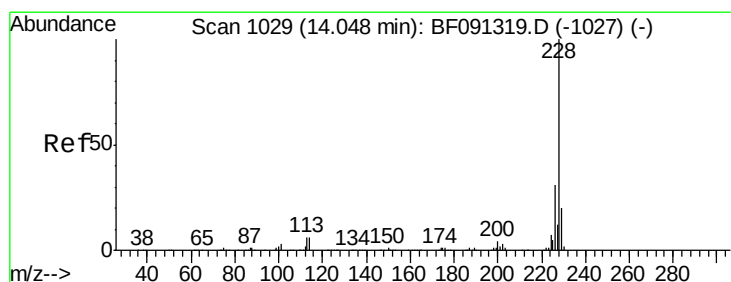
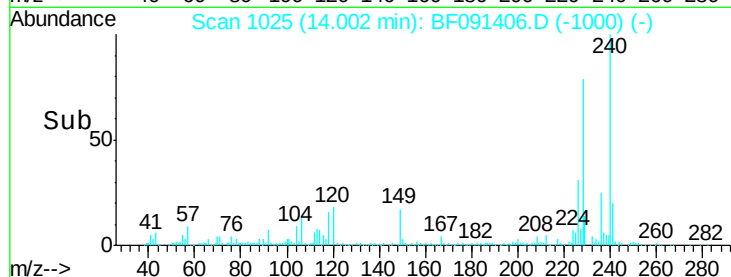
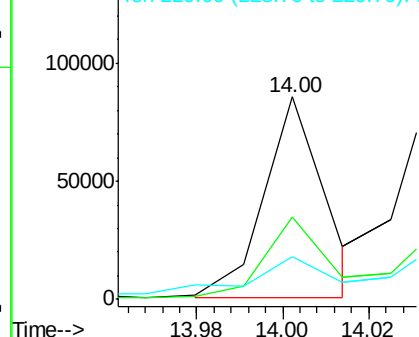
Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.8	22.5	33.7#
229	21.0	16.4	24.6

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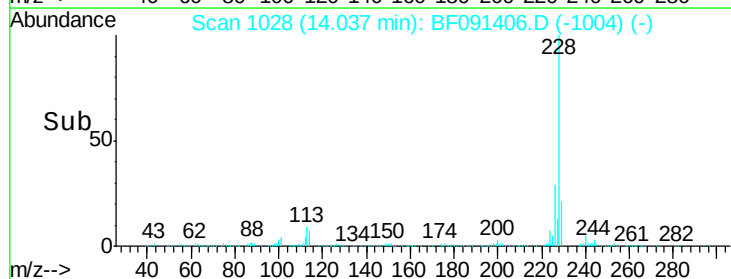
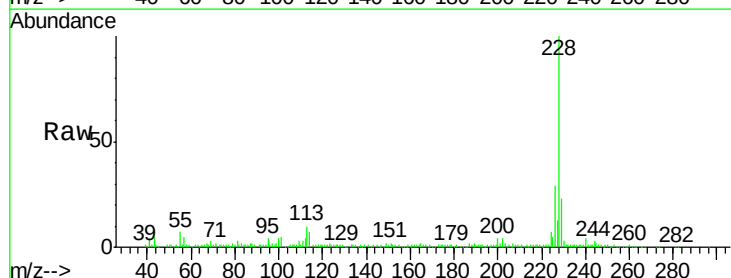
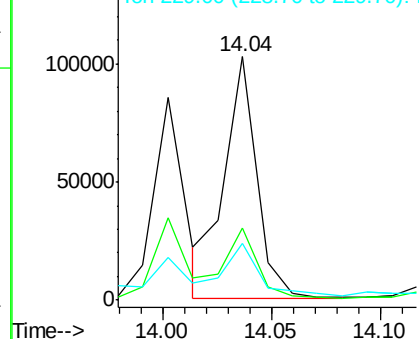
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

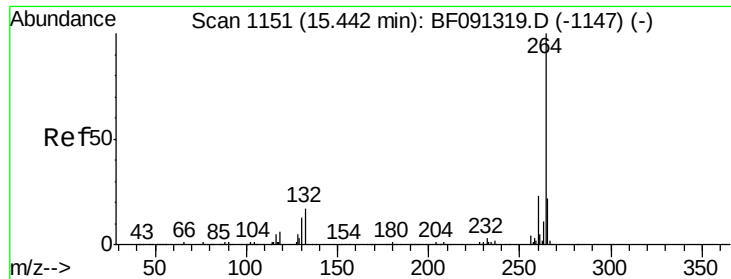


#82
Chrysene
Concen: 3.34 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF091406.D
Acq: 2 Dec 2016 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.4
229	23.3	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

Instrument :

BNA_F

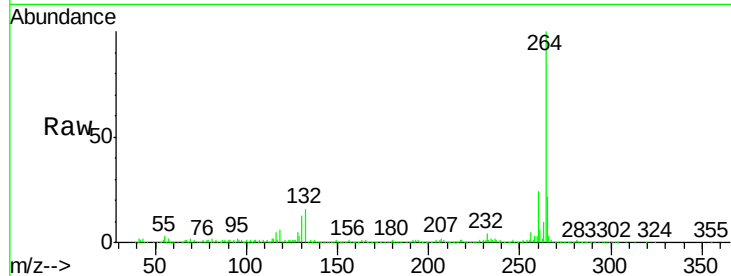
ClientSampleId :

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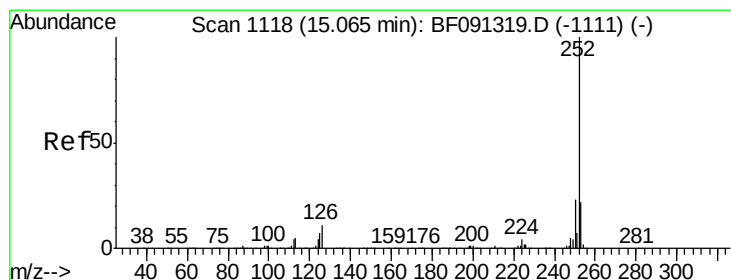
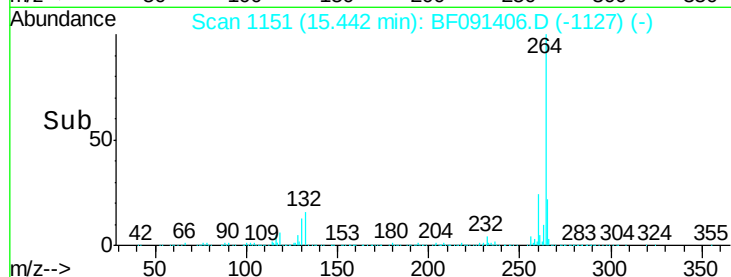
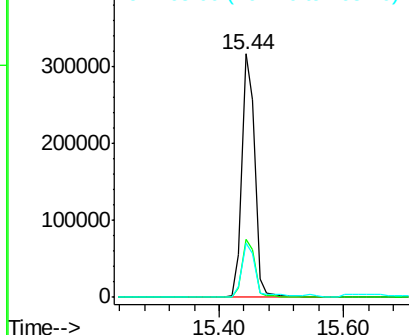
Tgt Ion:	264	Resp:	463974
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.8	28.2
265	22.2	17.0	25.6

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 3.26 ng m

RT: 15.03 min Scan# 1115

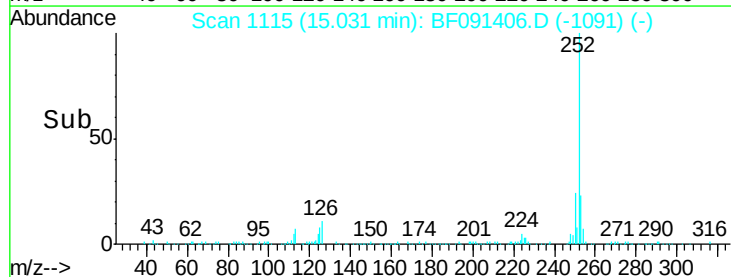
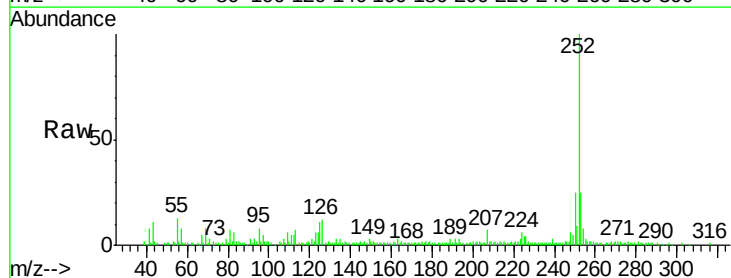
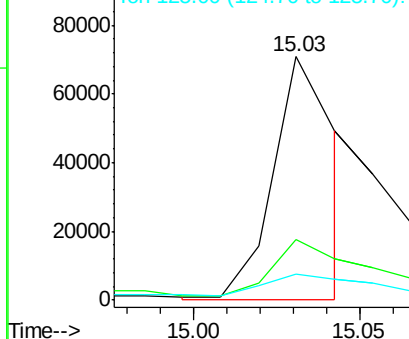
Delta R.T. -0.03 min

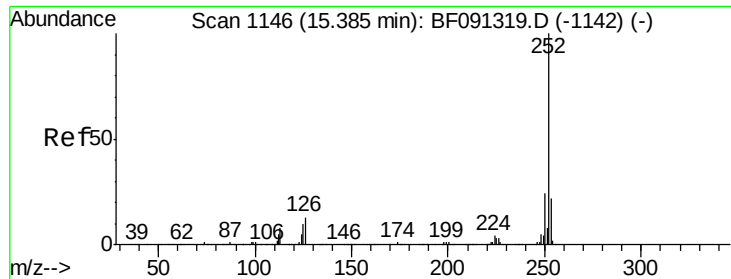
Lab File: BF091406.D

Acq: 2 Dec 2016 23:06

Tgt Ion:	252	Resp:	94009
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.2	27.2
125	10.9	8.6	13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.89 ng m

RT: 15.39 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF091406.D

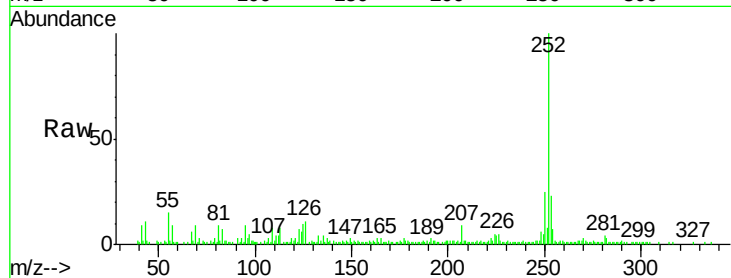
Acq: 2 Dec 2016 23:06

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.1	10.4	15.6

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