

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092731.D
 Acq On : 2 Feb 2017 4:54
 Operator : SJ/MA
 Sample : I1615-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Quant Time: Feb 02 05:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

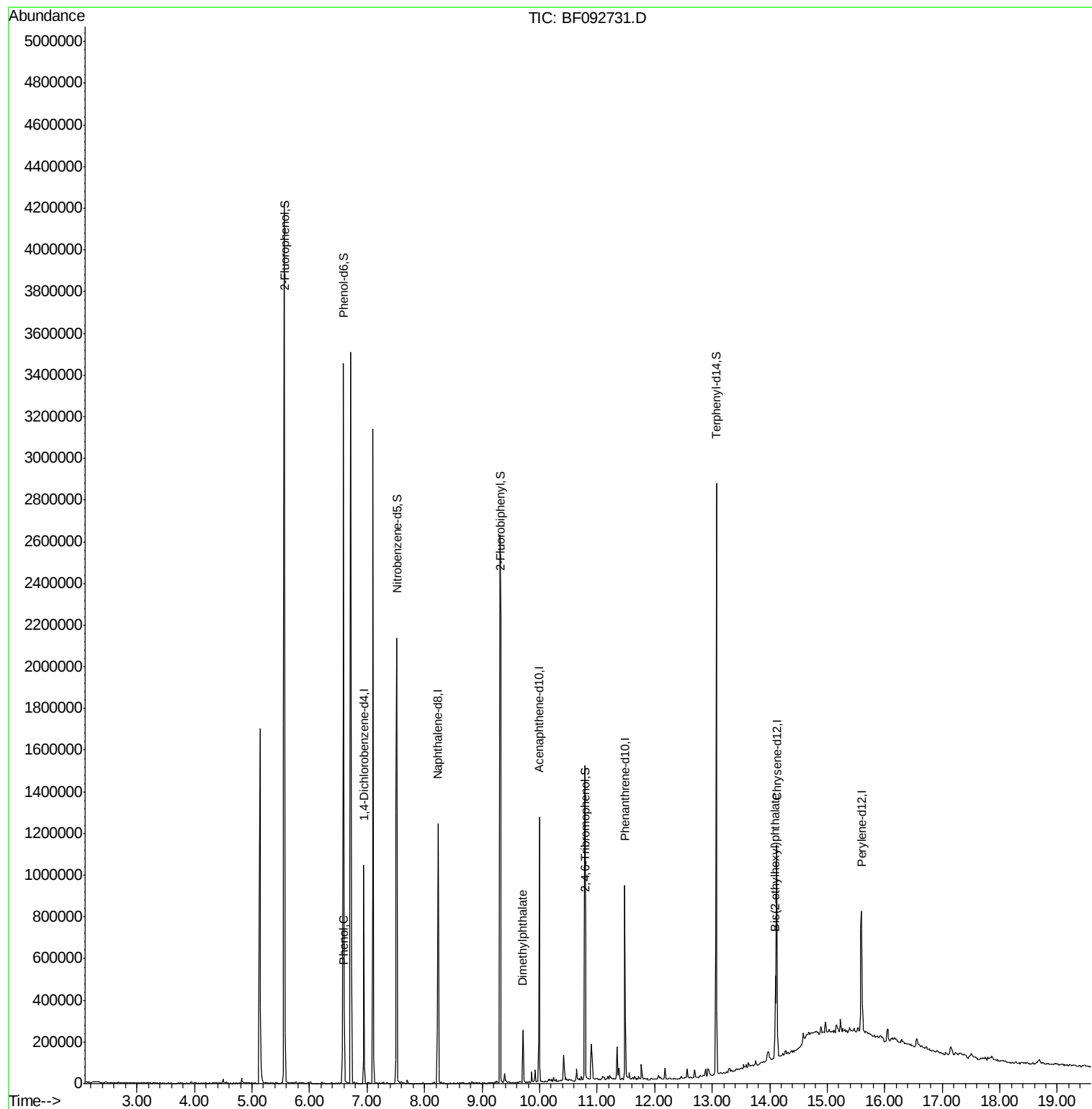
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	143231	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540539	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	256960	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	343384	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	334107	20.00	ng	-0.02
86) Perylene-d12	15.60	264	307105	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1160240	138.97	ng	-0.01
7) Phenol-d6	6.59	99	1298779	120.91	ng	-0.01
23) Nitrobenzene-d5	7.52	82	837139	86.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	202325	108.87	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1268666	89.45	ng	-0.01
78) Terphenyl-d14	13.07	244	847864	59.63	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	87208	6.94	ng	# 65
49) Dimethylphthalate	9.71	163	88577	5.12	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	104450	7.52	ng	# 98

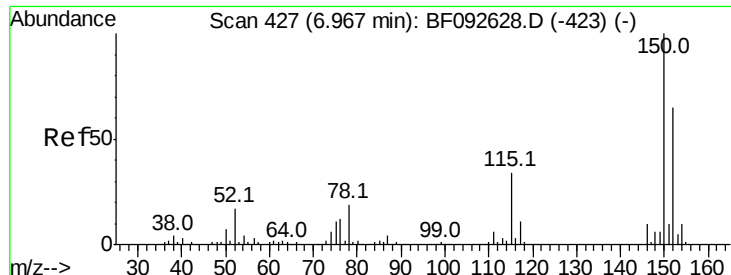
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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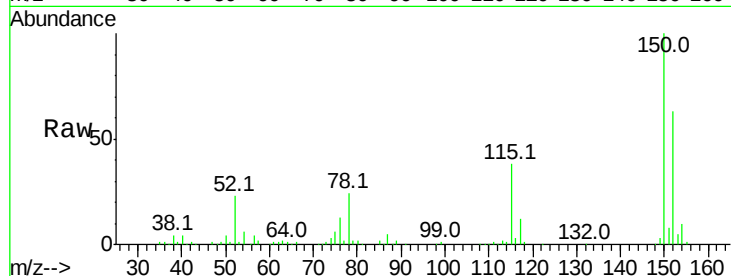


#1

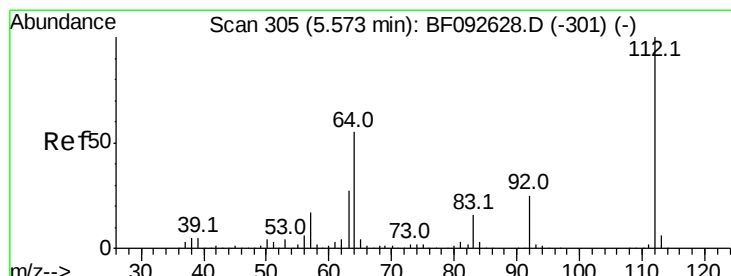
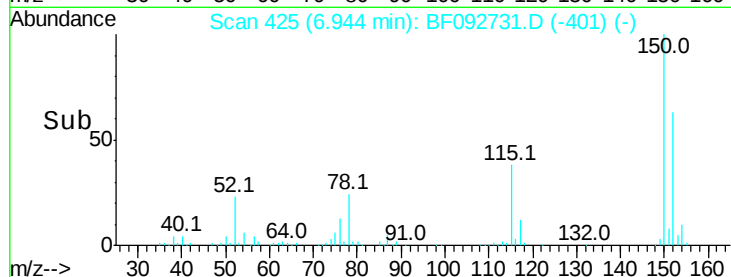
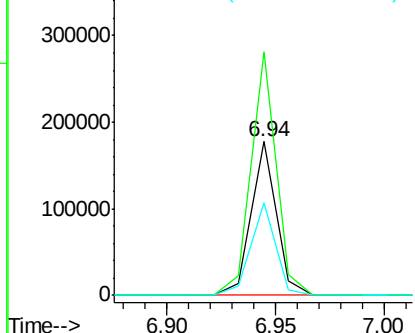
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion:152 Resp: 143231
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 60.3 46.0 69.0



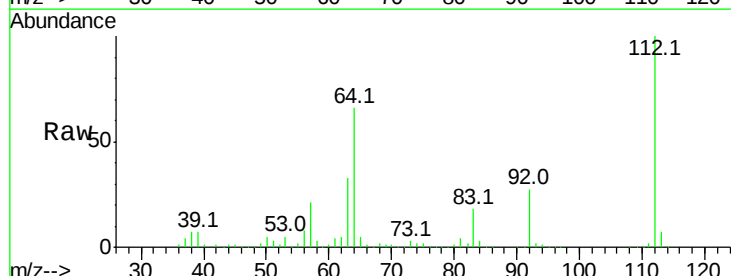
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



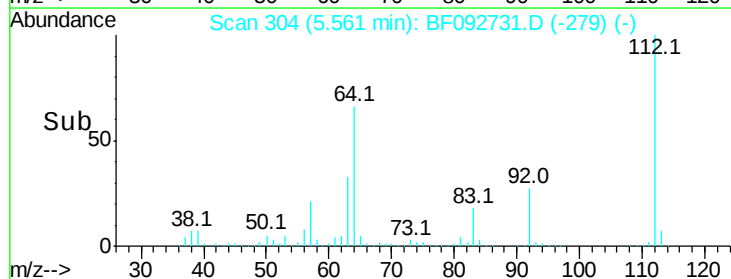
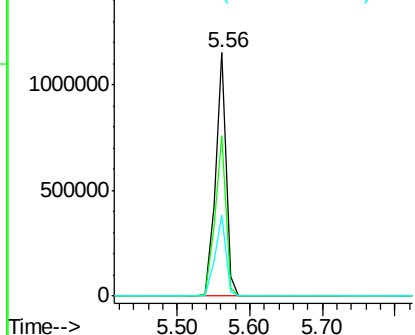
#5

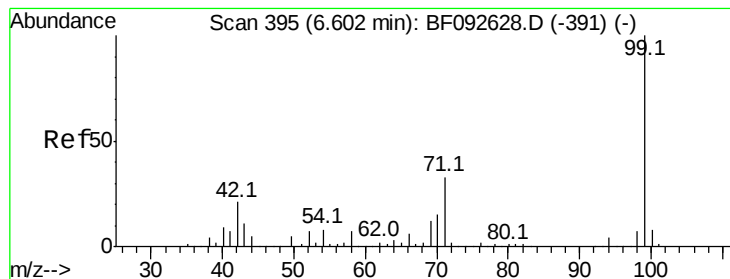
2-Fluorophenol
Concen: 138.97 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:112 Resp: 1160240
Ion Ratio Lower Upper
112 100
64 65.9 46.1 69.1
63 33.4 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: 120.91 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

Instrument :

BNA_F

ClientSampleId :

SS-8

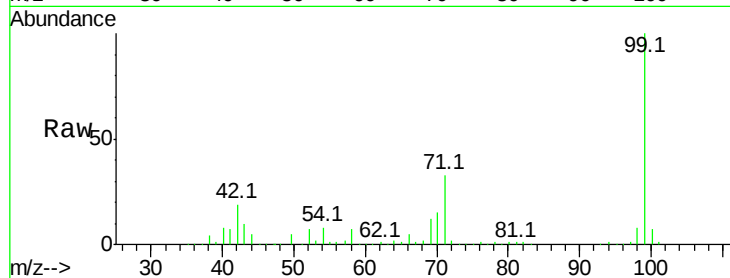
Tot Ion: 99 Resp: 1298779

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

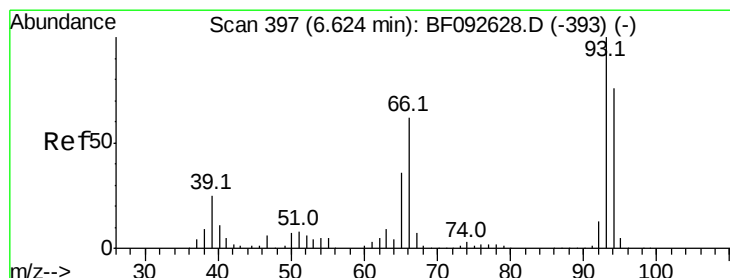
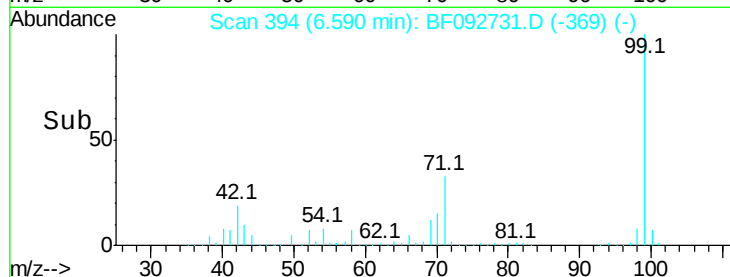
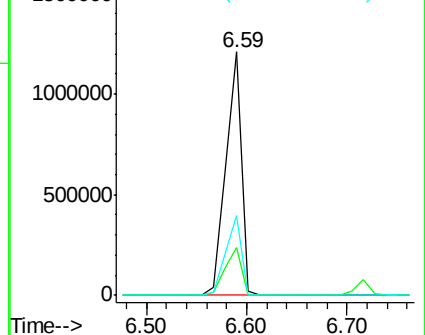
71 32.6 27.5 41.3



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: 6.94 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

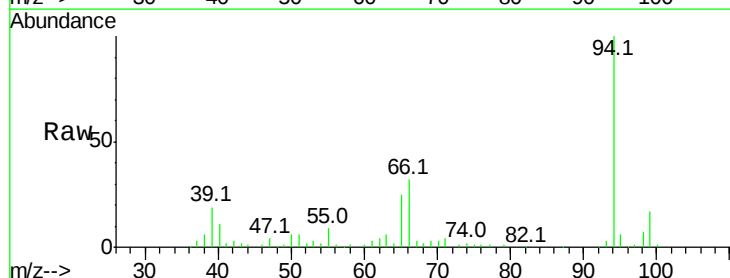
Tgt Ion: 94 Resp: 87208

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

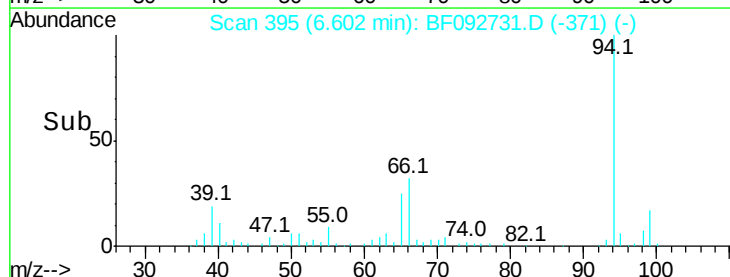
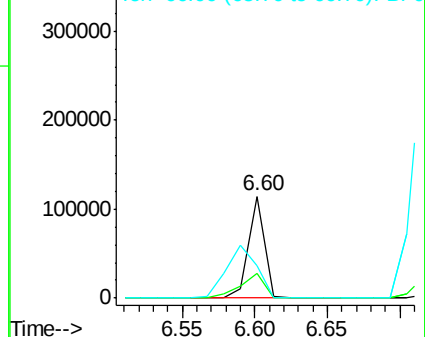
66 32.1 44.0 84.0#



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

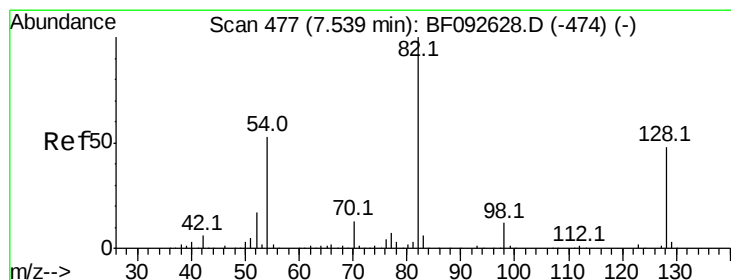
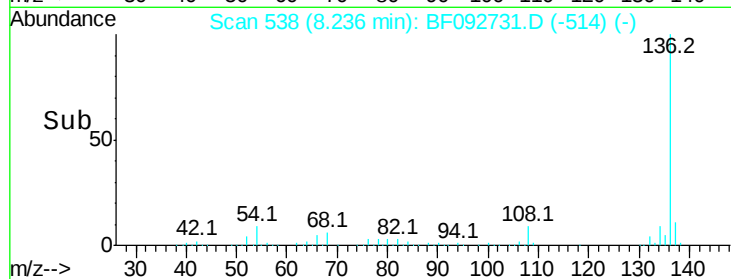
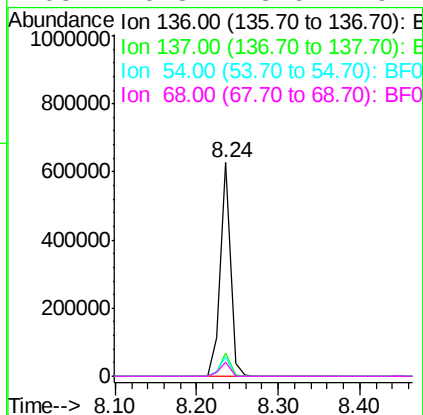
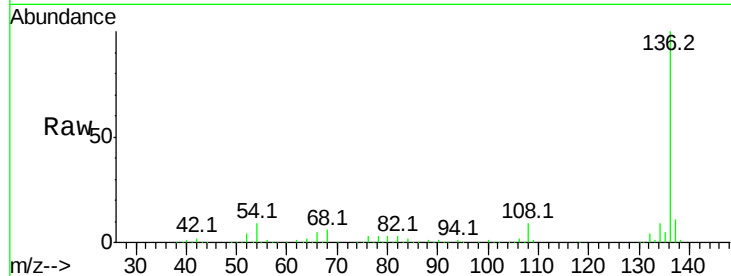




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

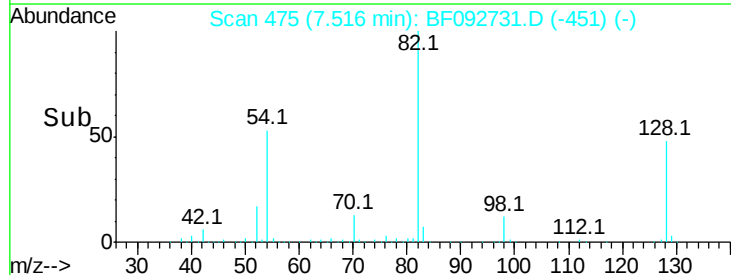
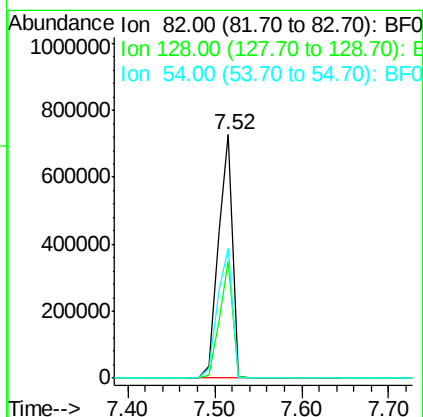
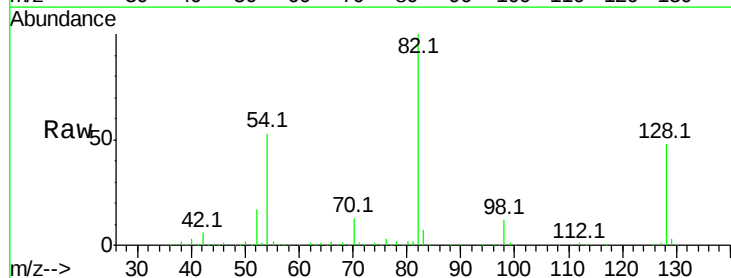
Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion:	136	Resp:	540539
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.9	4.5	6.7#
68	6.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 86.24 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:	82	Resp:	837139
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	53.3	39.5	59.3

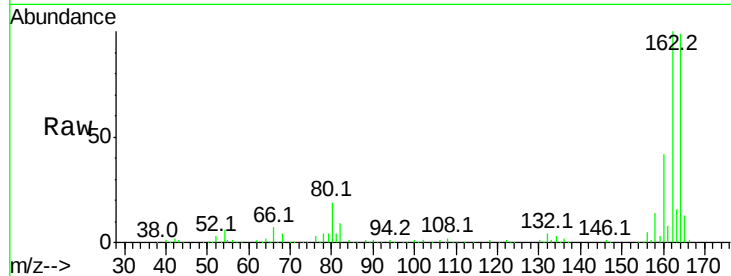




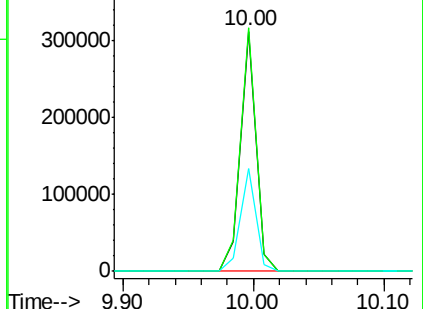
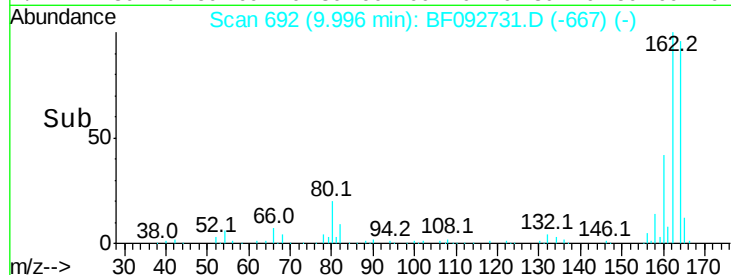
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion:164 Resp: 256960
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 42.8 36.9 55.3

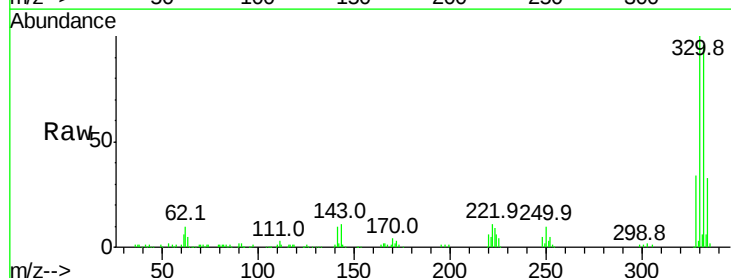


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

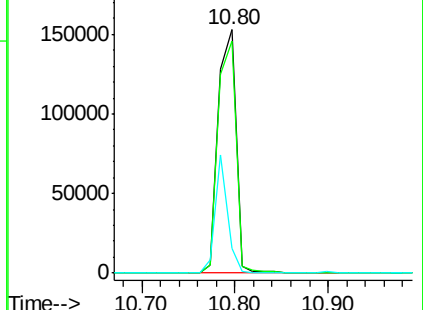
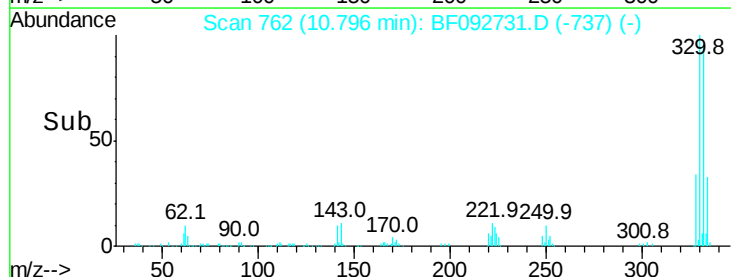


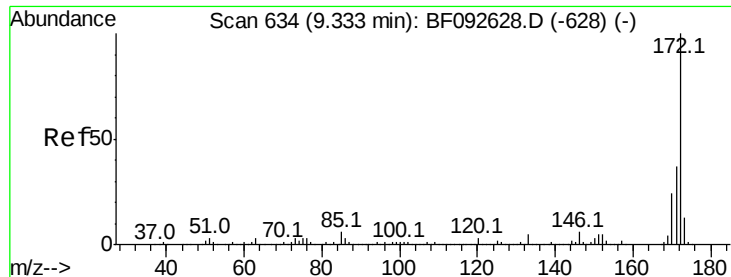
#41
2,4,6-Tribromophenol
Concen: 108.87 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:330 Resp: 202325
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.1 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



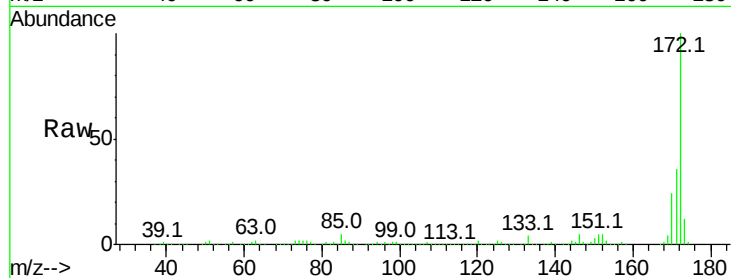


#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

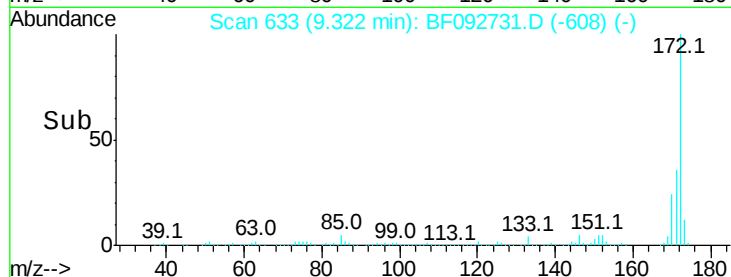
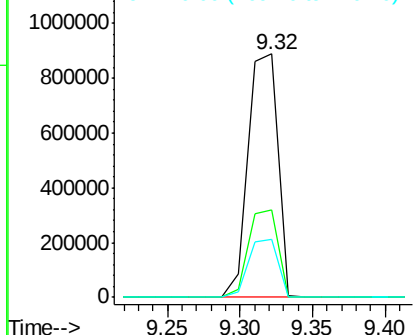
Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion:172 Resp: 1268666

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.8	20.2	30.4



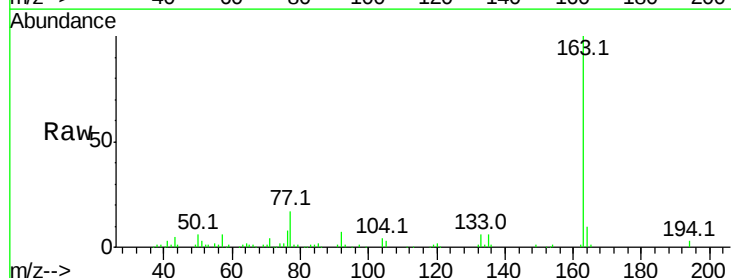
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



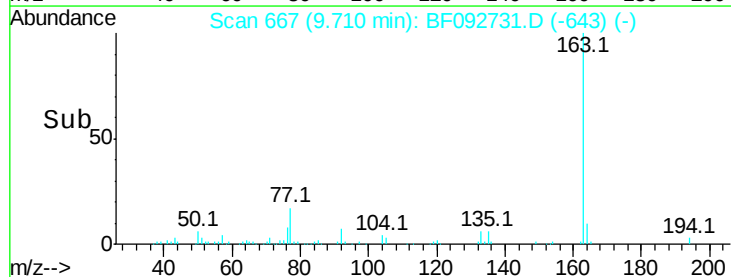
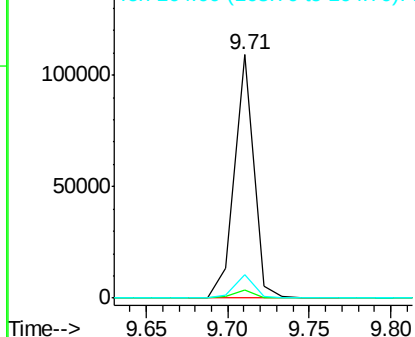
#49
 Dimethylphthalate
 Concen: 5.12 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Tgt Ion:163 Resp: 88577

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.7	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

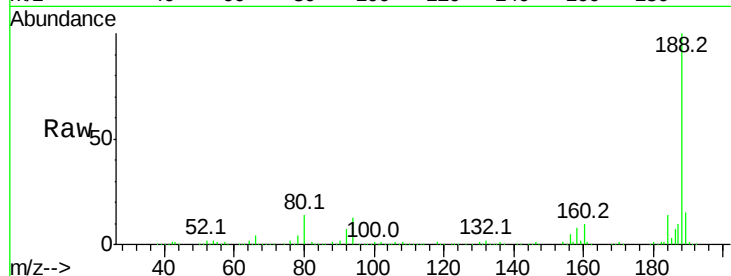




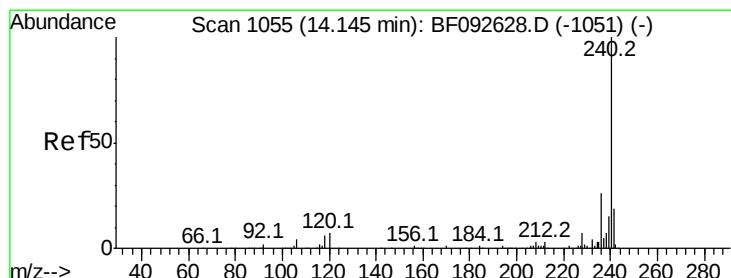
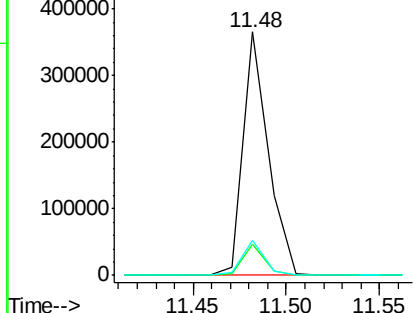
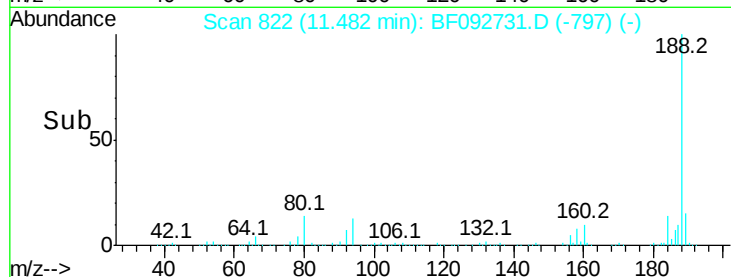
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion:188 Resp: 343384
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 14.3 11.2 16.8

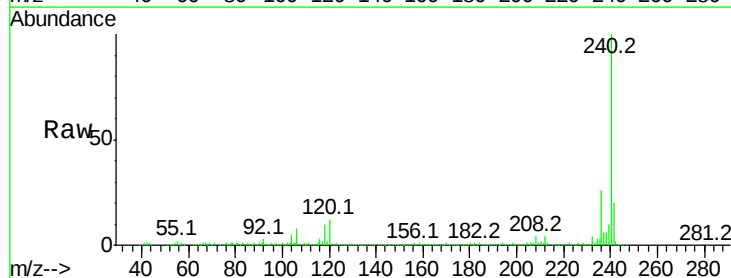


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

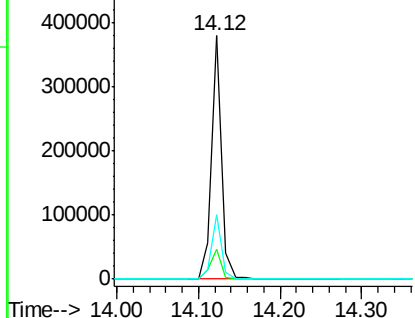
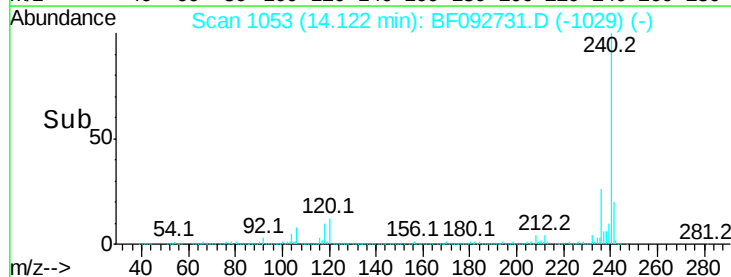


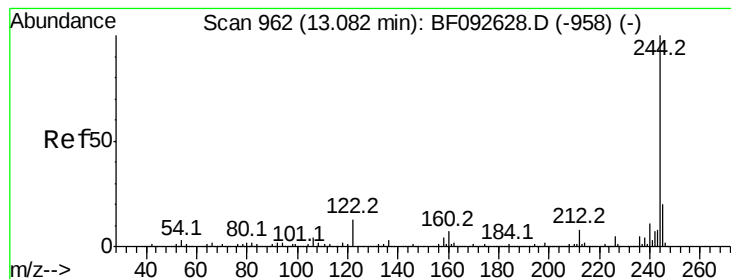
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:240 Resp: 334107
Ion Ratio Lower Upper
240 100
120 12.3 12.9 19.3#
236 26.4 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: 59.63 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

Instrument :

BNA_F

ClientSampleId :

SS-8

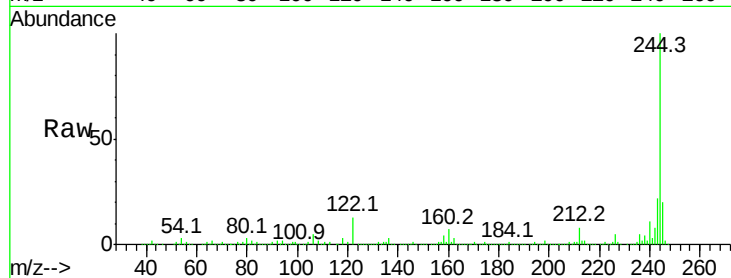
Tot Ion:244 Resp: 847864

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

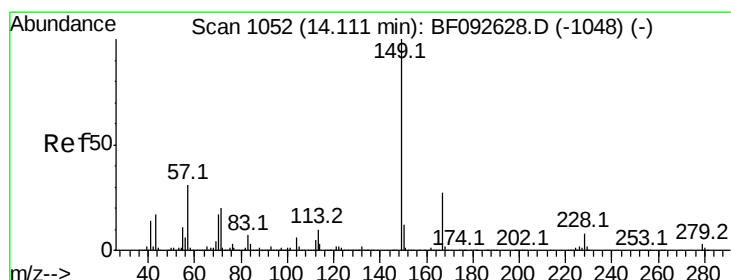
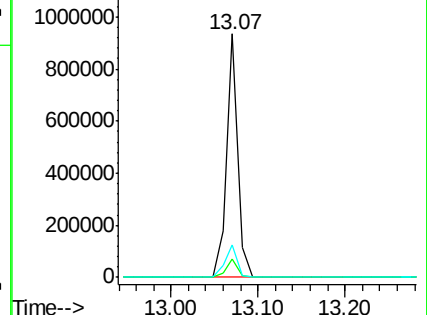
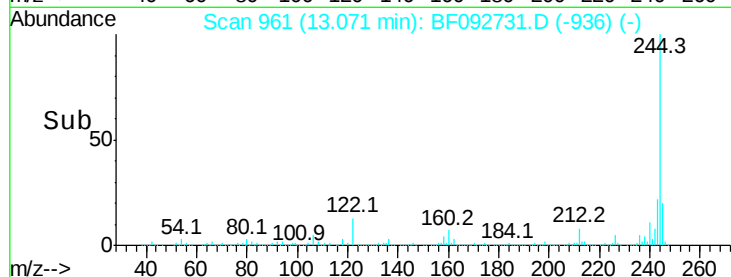
122 13.3 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.52 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

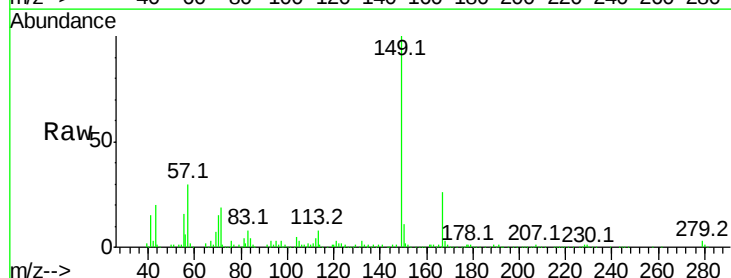
Tgt Ion:149 Resp: 104450

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

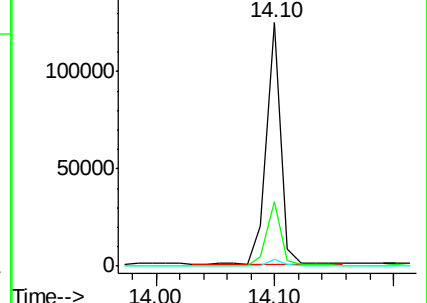
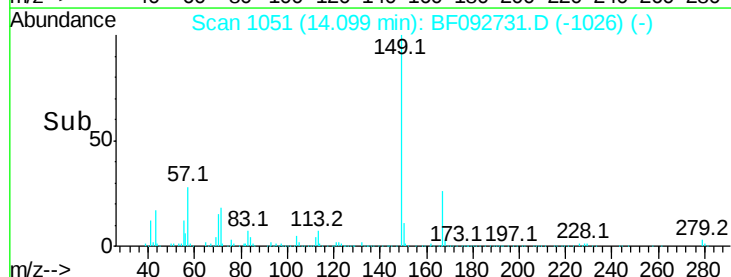
279 2.9 1.8 2.8#

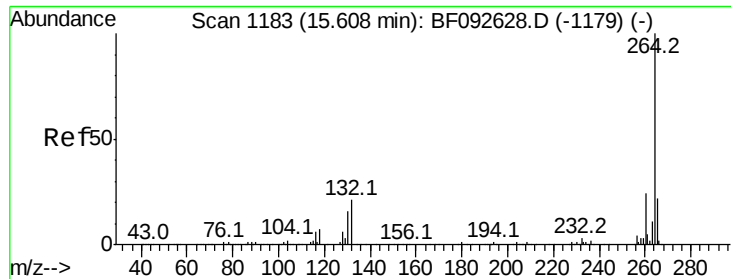


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	20.2	17.4	26.0

