

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100469.D
 Acq On : 12 Nov 2017 5:16
 Operator : SJ/JU
 Sample : I6407-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4632

Quant Time: Nov 13 05:55:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

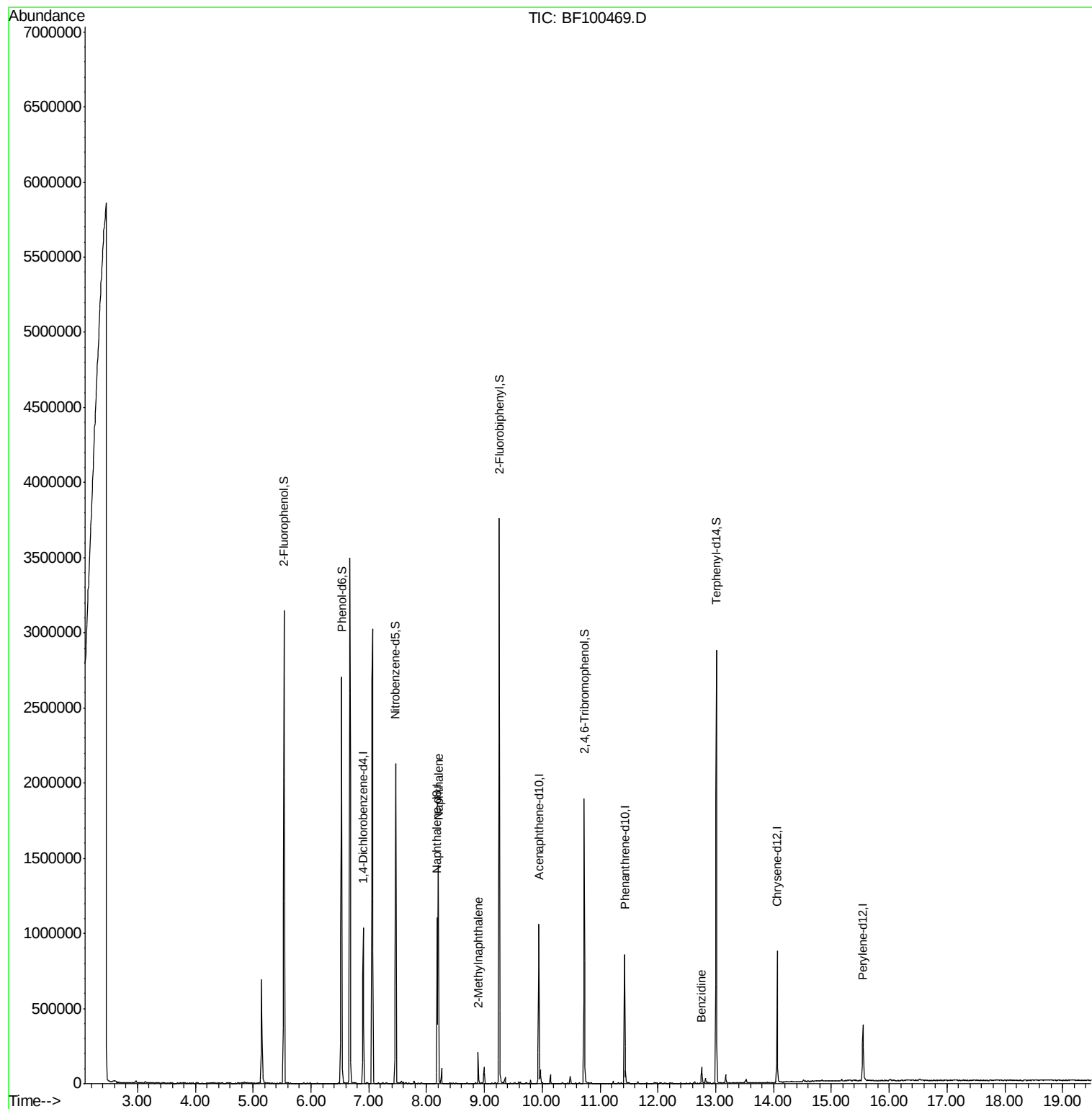
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138617	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	518010	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	206599	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	319065	20.00	ng	0.00
75) Chrysene-d12	14.06	240	288652	20.00	ng	0.00
86) Perylene-d12	15.54	264	202432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	931272	107.69	ng	0.02
7) Phenol-d6	6.53	99	1007254	94.46	ng	0.00
23) Nitrobenzene-d5	7.46	82	794608	101.42	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	234329	111.31	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1360769	100.29	ng	0.00
78) Terphenyl-d14	13.01	244	999928	79.60	ng	0.00
Target Compounds						
31) Naphthalene	8.20	128	593656	23.794	ng	99
37) 2-Methylnaphthalene	8.89	142	52973	3.198	ng	98
76) Benzidine	12.76	184	45665	3.950	ng	98

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

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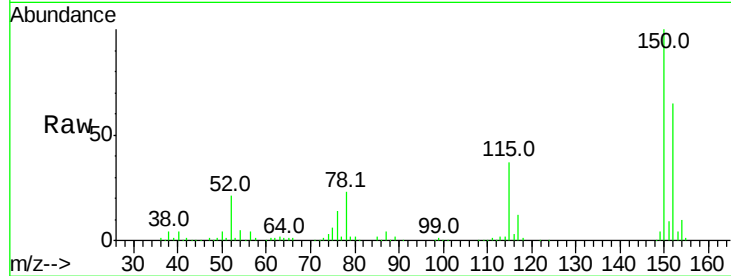


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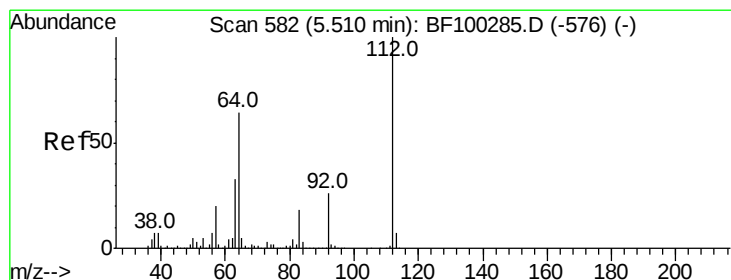
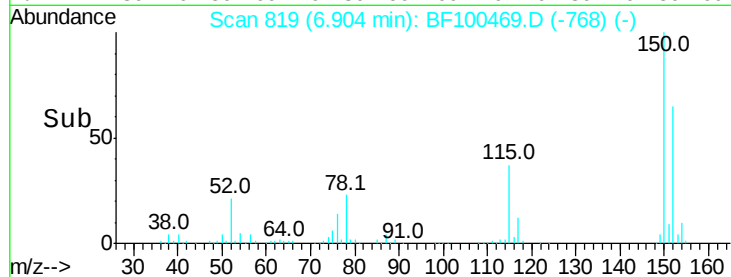
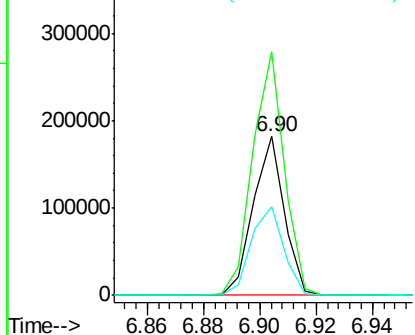
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :
4632

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	56.0	50.1	75.1



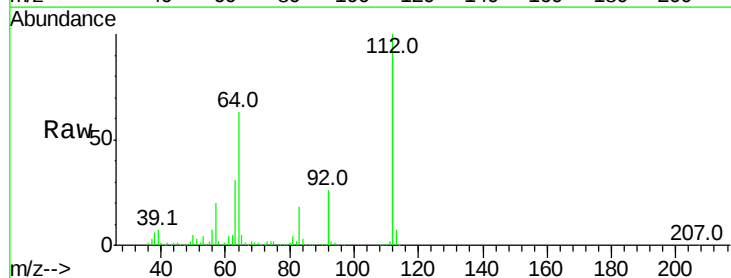
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



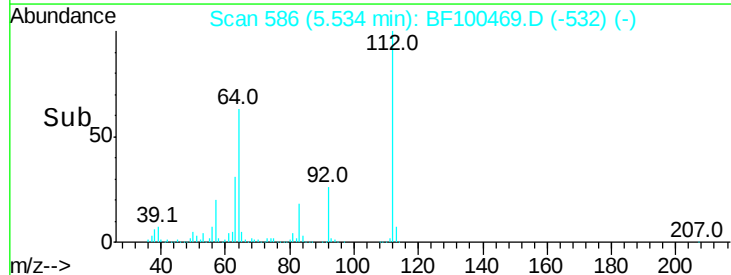
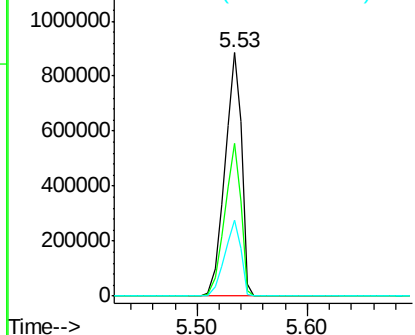
#5

2-Fluorophenol
Concen: 107.694 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.4	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: 94.459 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100469.D

Acq: 12 Nov 2017 5:16

Instrument :

BNA_F

ClientSampleId :

4632

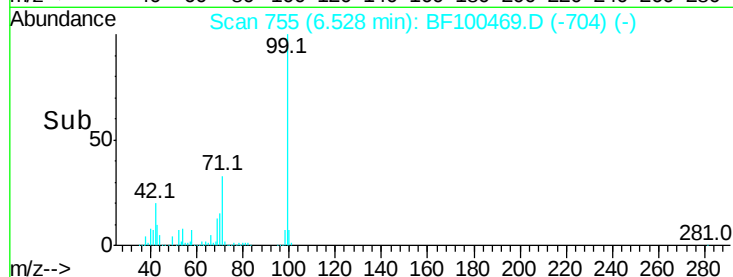
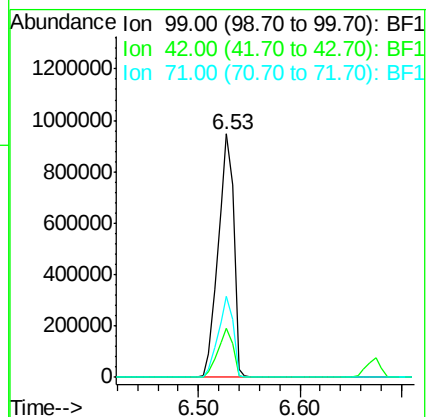
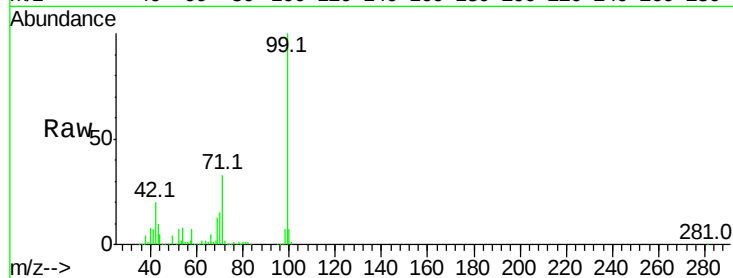
Tot Ion: 99 Resp: 1007254

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 33.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100469.D

Acq: 12 Nov 2017 5:16

Tgt Ion: 136 Resp: 518010

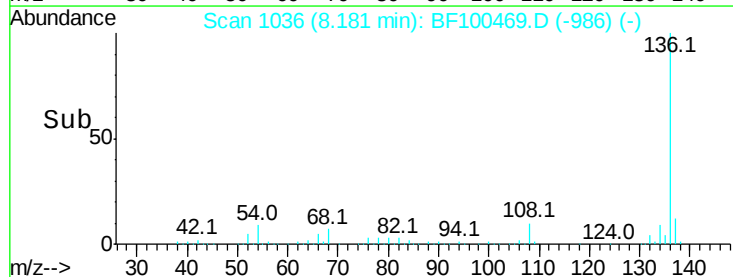
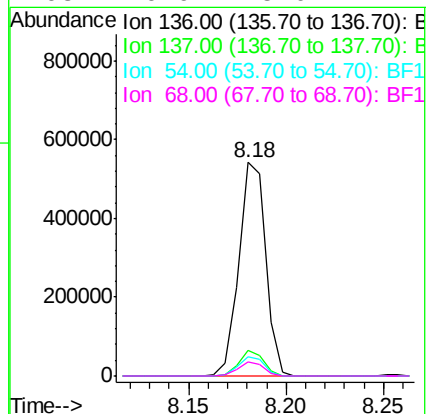
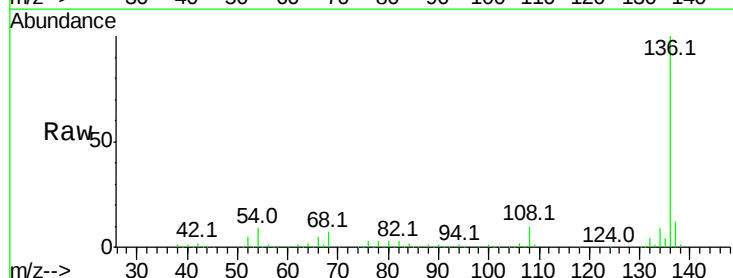
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

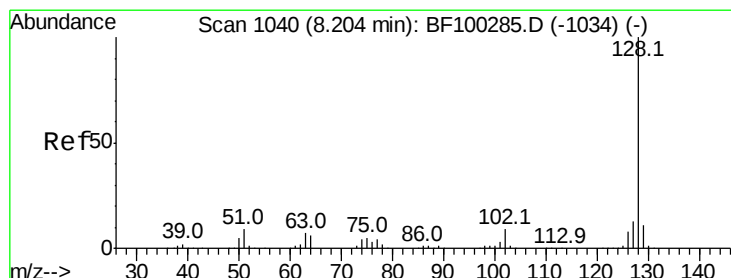
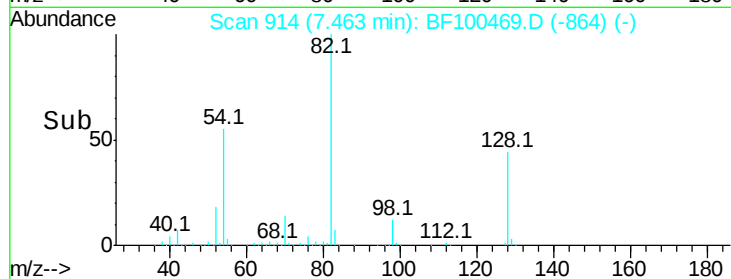
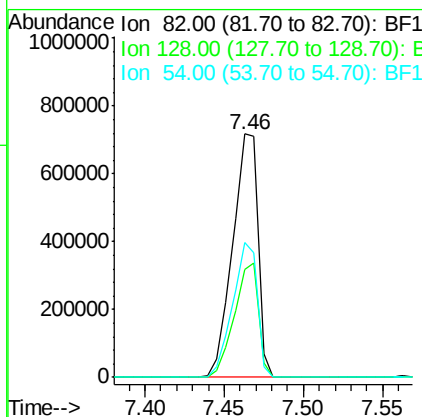
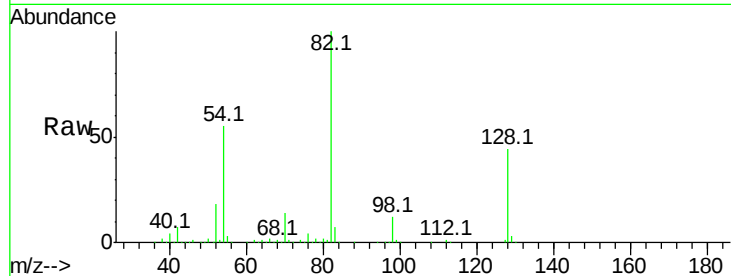




#23
Nitrobenzene-d5
Concen: 101.415 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

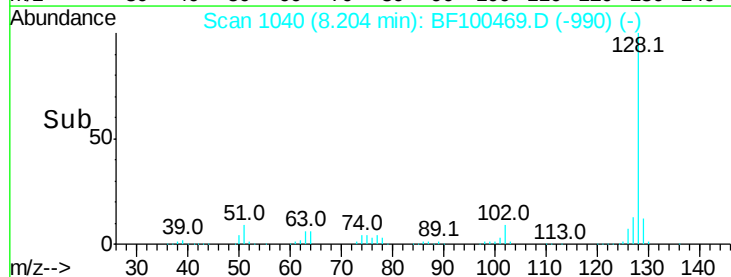
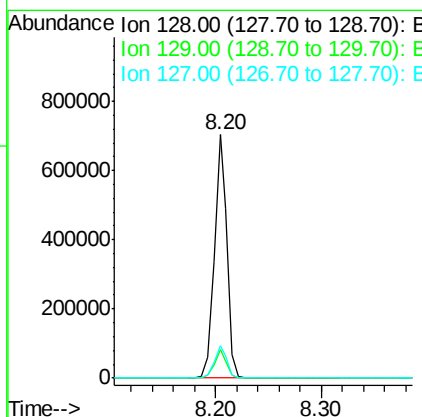
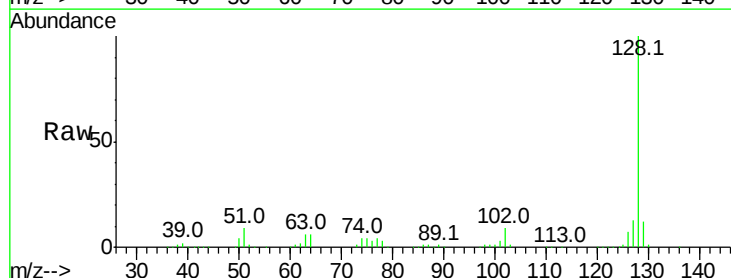
Instrument :
BNA_F
ClientSampleId :
4632

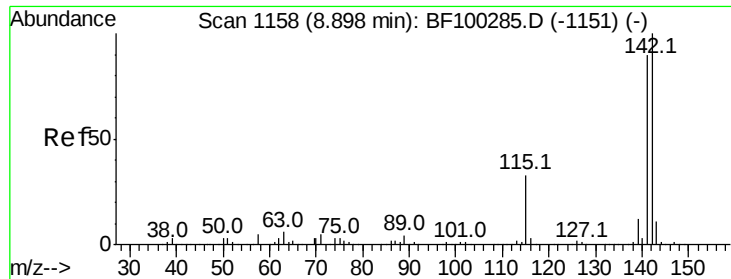
Tot Ion	82	Resp	794608
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	55.3	41.4	62.2



#31
Naphthalene
Concen: 23.794 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Tgt Ion	128	Resp	593656
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.3	10.9	16.3

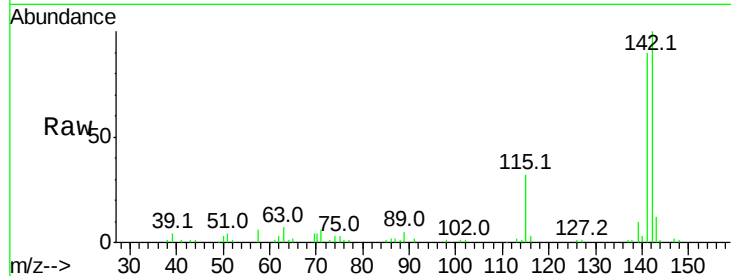




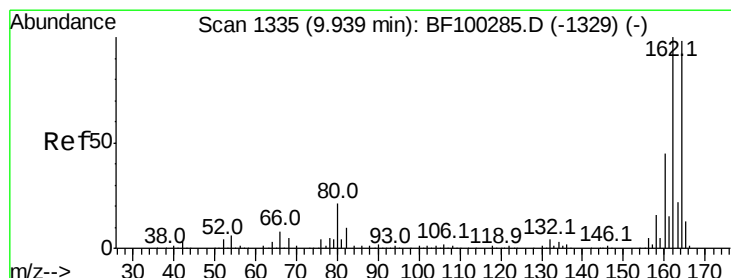
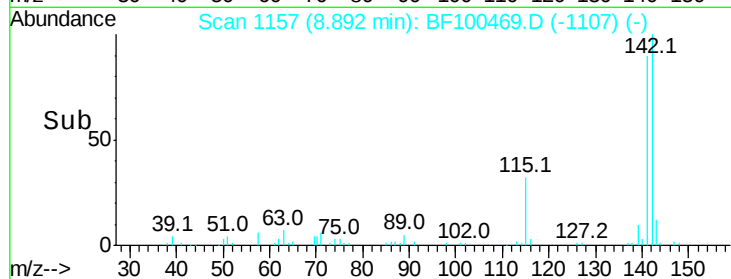
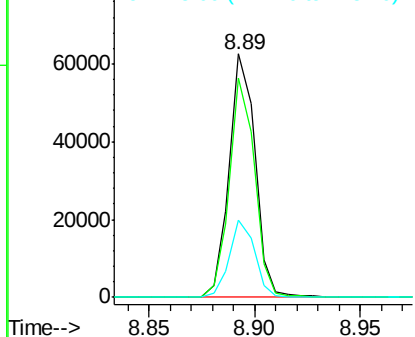
#37
 2-Methylnaphthalene
 Concen: 3.198 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100469.D
 Acq: 12 Nov 2017 5:16

Instrument :
 BNA_F
 ClientSampleId :
 4632

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	31.8	26.1	39.1

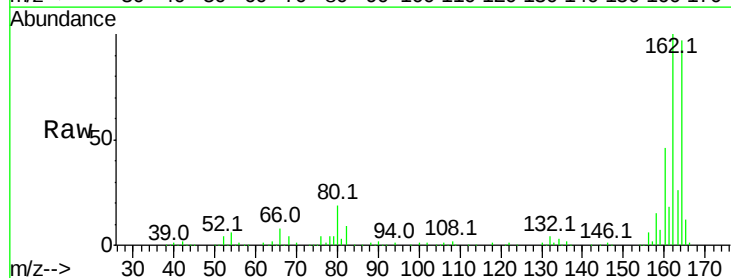


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

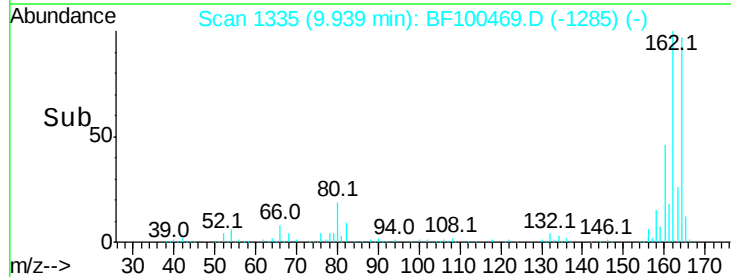
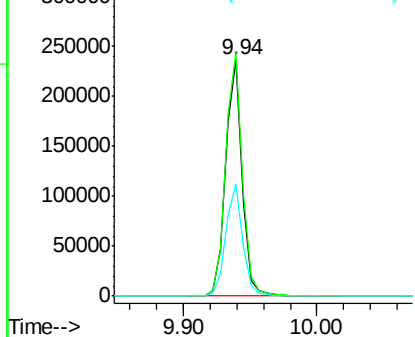


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100469.D
 Acq: 12 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.0	38.3	57.5



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

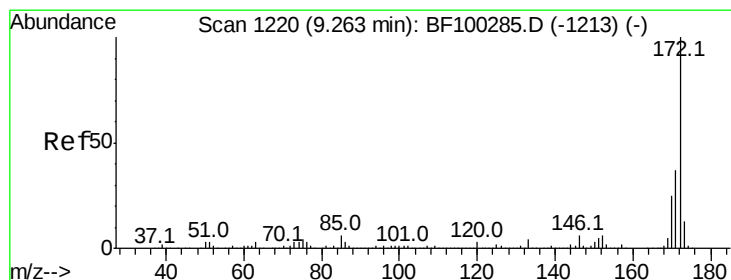
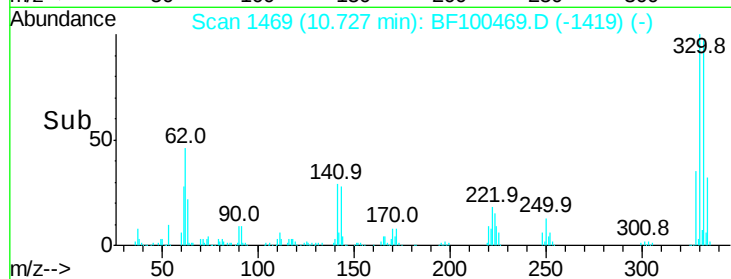
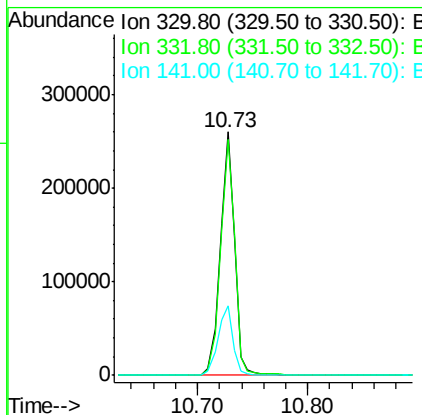
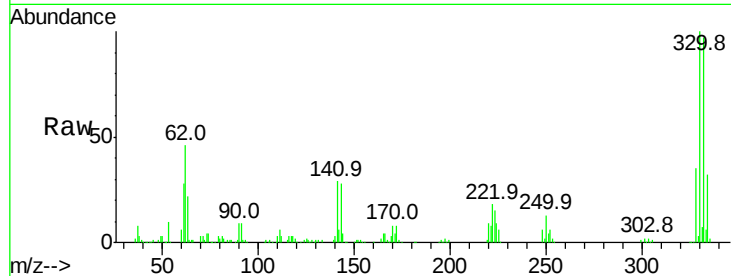




#41
 2,4,6-Tribromophenol
 Concen: 111.307 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100469.D
 Acq: 12 Nov 2017 5:16

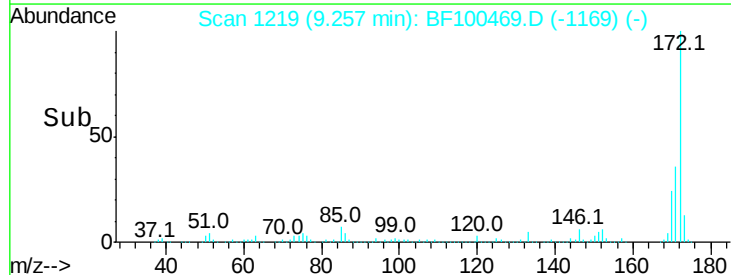
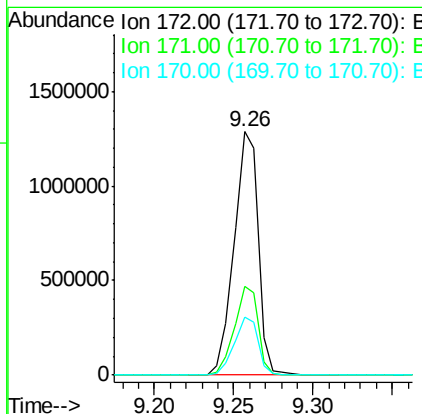
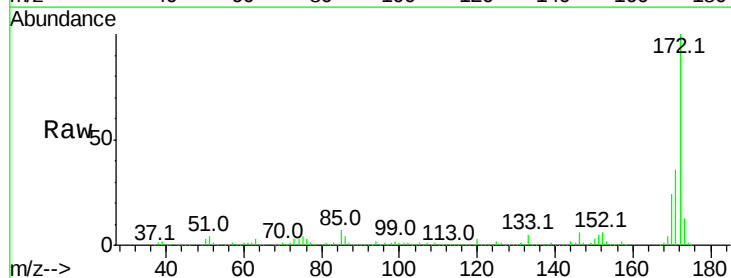
Instrument :
 BNA_F
 ClientSampleId :
 4632

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	30.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.294 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100469.D
 Acq: 12 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

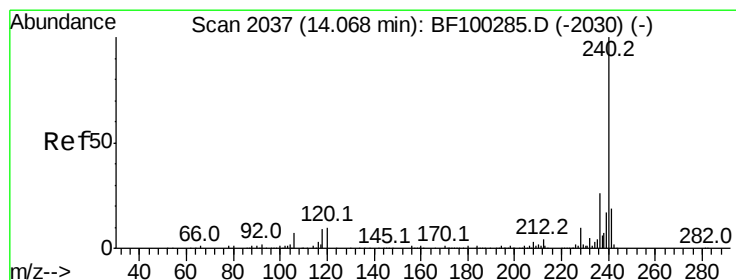
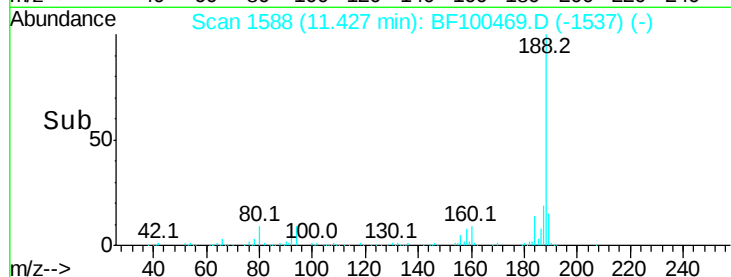
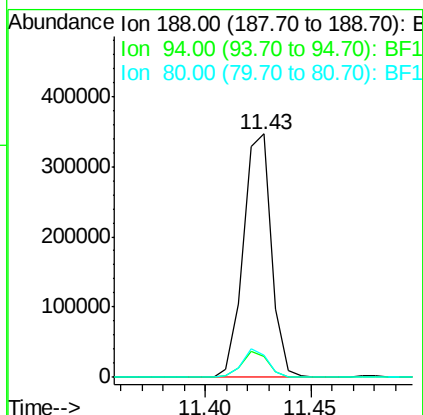
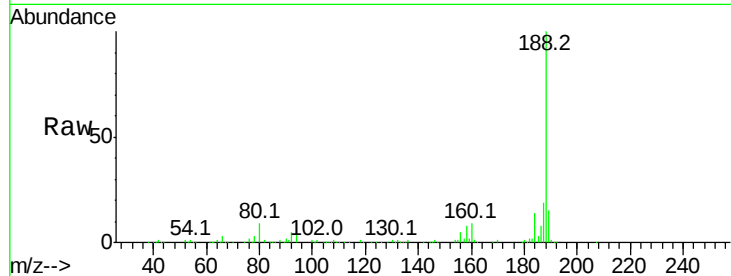




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

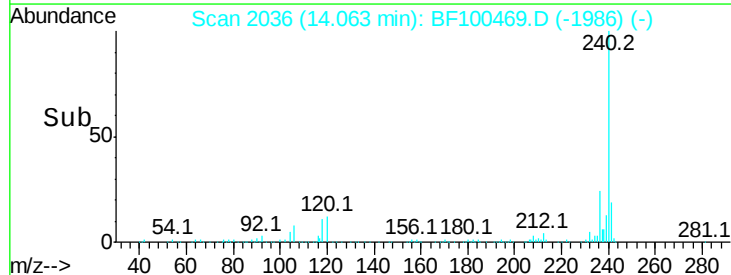
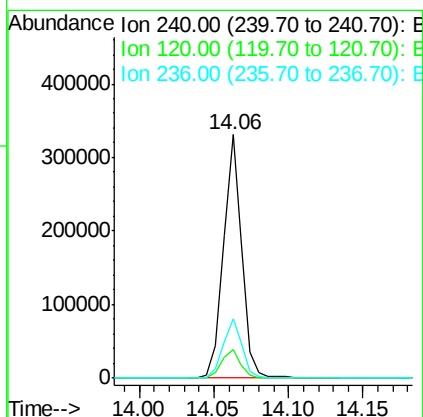
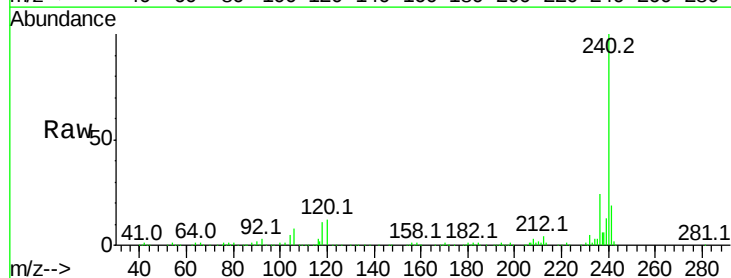
Instrument :
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ClientSampleId :
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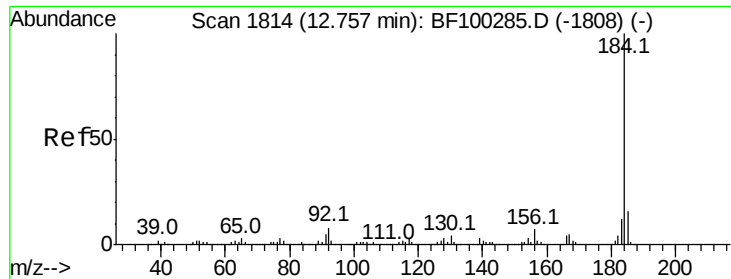
Tot Ion:188 Resp: 319065
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Tgt Ion:240 Resp: 288652
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.5 20.7 31.1

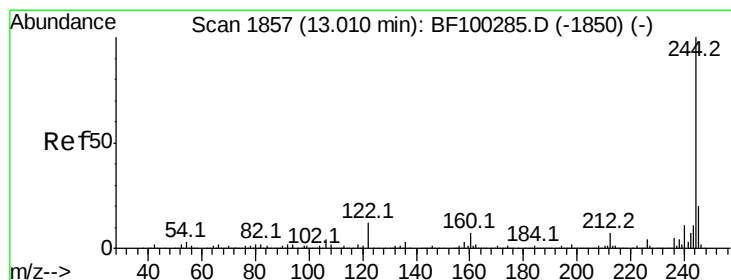
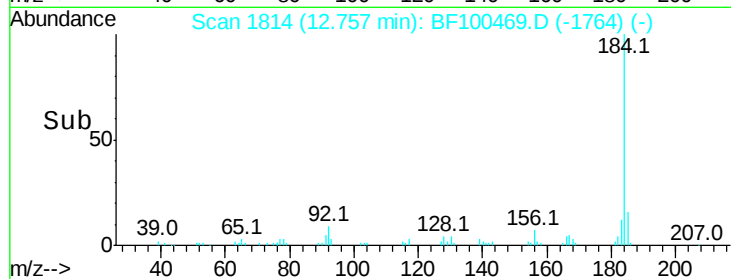
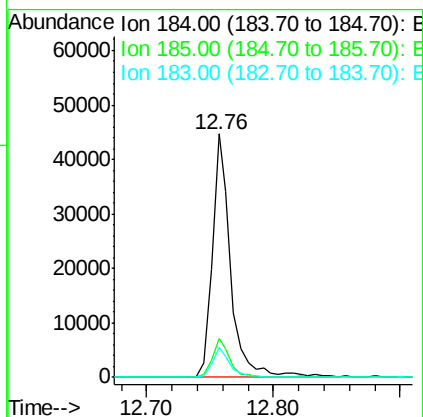
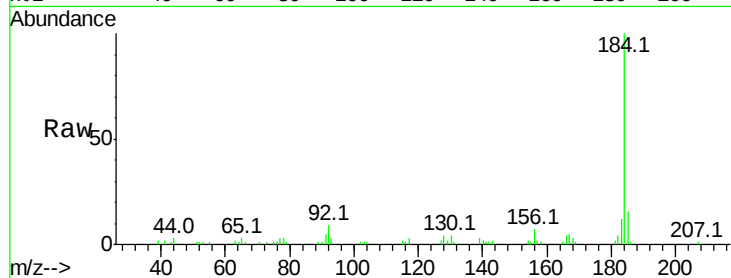




#76
Benzidine
Concen: 3.950 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

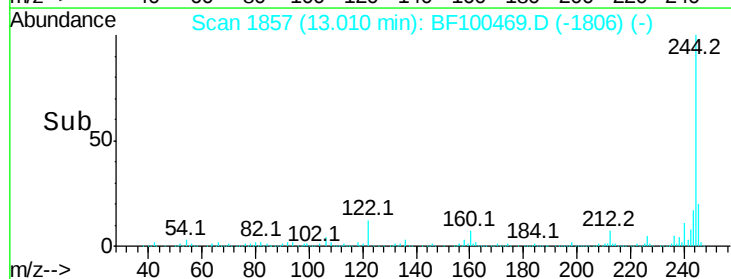
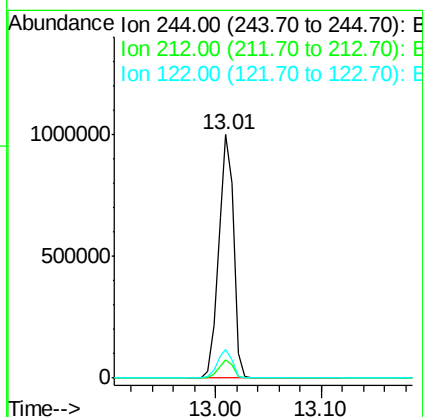
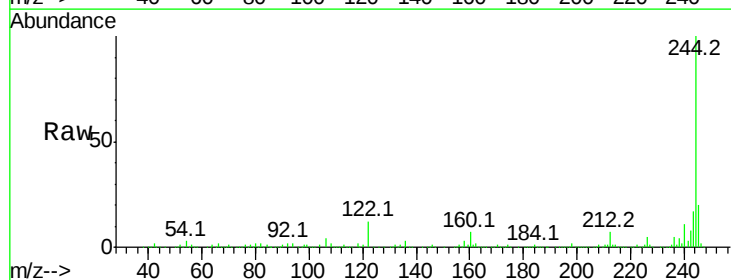
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BNA_F
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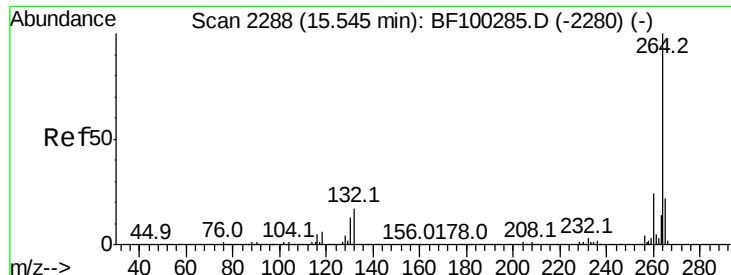
Tot Ion:184 Resp: 45665
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 12.4 9.3 13.9



#78
Terphenyl-d14
Concen: 79.596 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Tgt Ion:244 Resp: 999928
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.0 11.0 16.4

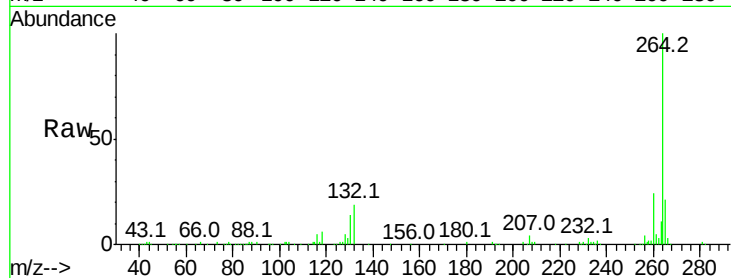




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100469.D
Acq: 12 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :
4632

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3



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

