

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082934.D
 Acq On : 14 Nov 2015 10:06
 Operator : UM/IZ
 Sample : G4382-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 16 00:18:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

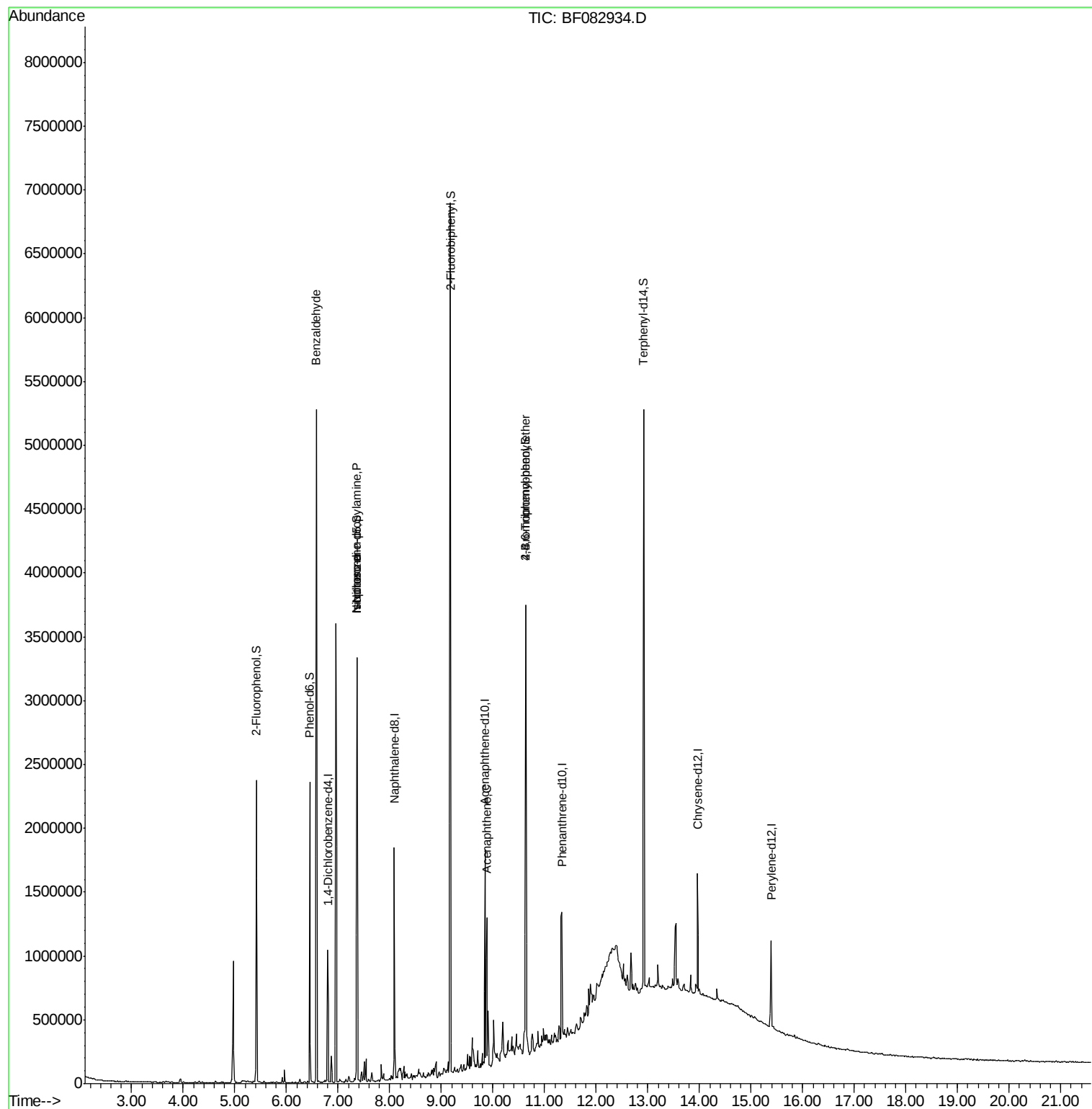
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	187073	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	698587	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	356894	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	553678	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	385937	20.00	ng	-0.06
86) Perylene-d12	15.39	264	403213	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	803789	66.85	ng	-0.03
7) Phenol-d6	6.45	99	693086	43.36	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1206000	75.12	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	399605	97.65	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1944128	78.07	ng	-0.05
78) Terphenyl-d14	12.92	244	1390448	85.45	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	36364	4.12	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.37	70	165772	14.11	ng	# 71
25) Isophorone	7.37	82	1188754	40.02	ng	# 70
51) Acenaphthene	9.88	154	353677	14.91	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	27219	4.08	ng	# 1

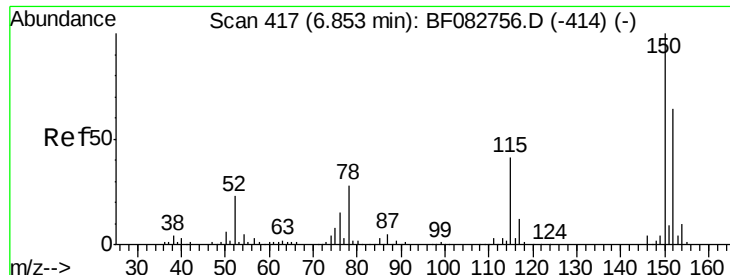
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

MW-1

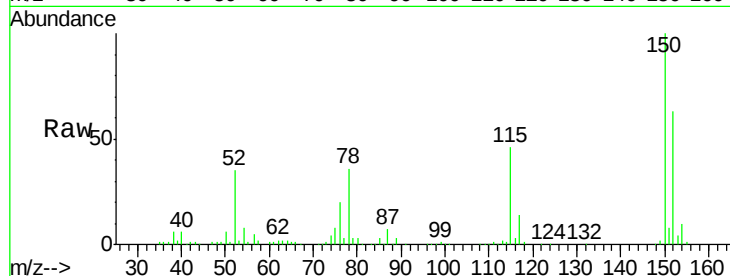
Tgt Ion:152 Resp: 187073

Ion Ratio Lower Upper

152 100

150 157.8 127.0 190.4

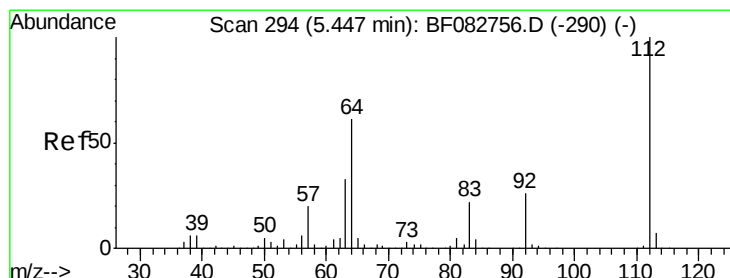
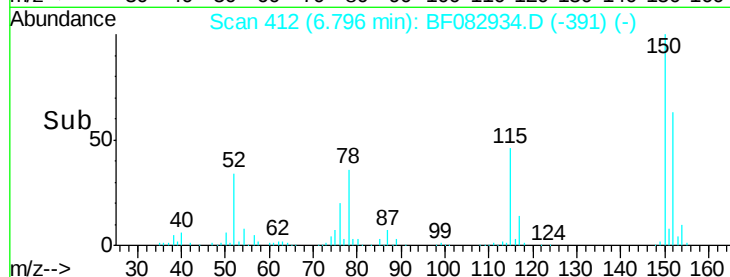
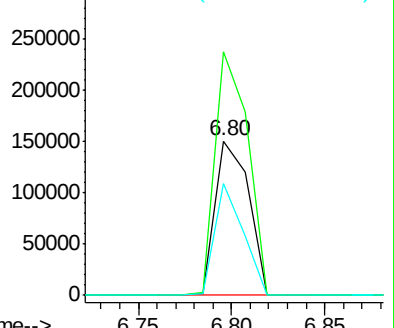
115 72.5 47.0 70.6#



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: 66.85 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

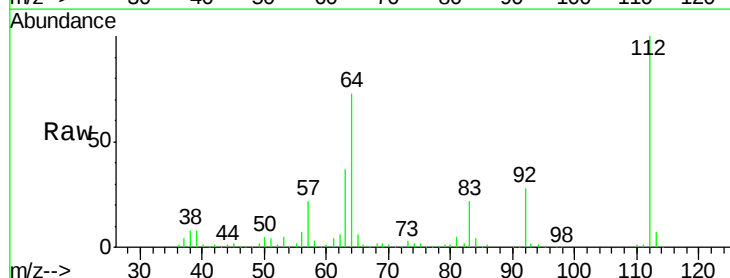
Tgt Ion:112 Resp: 803789

Ion Ratio Lower Upper

112 100

64 72.6 48.9 73.3

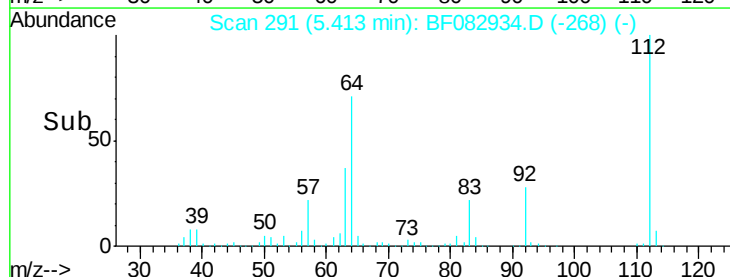
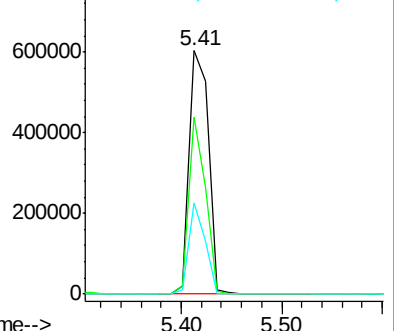
63 37.3 28.1 42.1

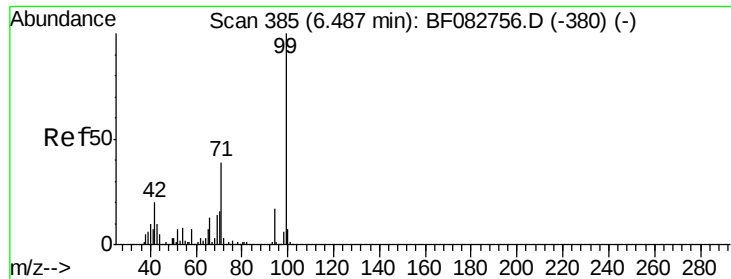


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.36 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampled :

MW-1

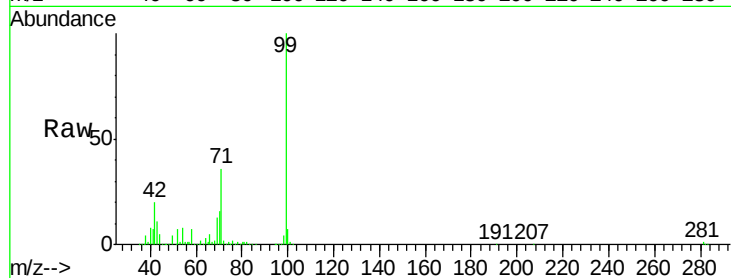
Tgt Ion: 99 Resp: 693086

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

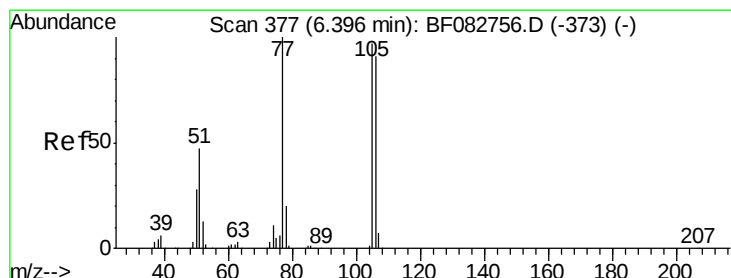
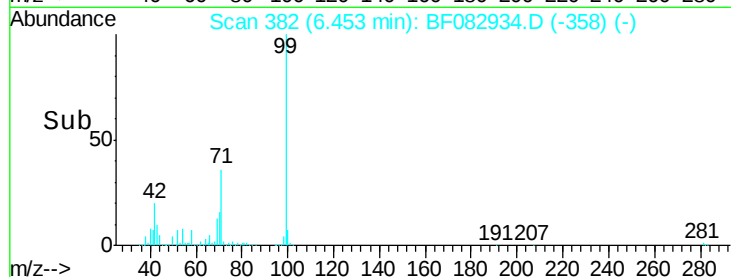
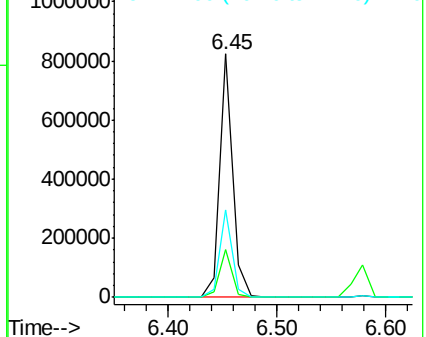
71 36.1 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.12 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

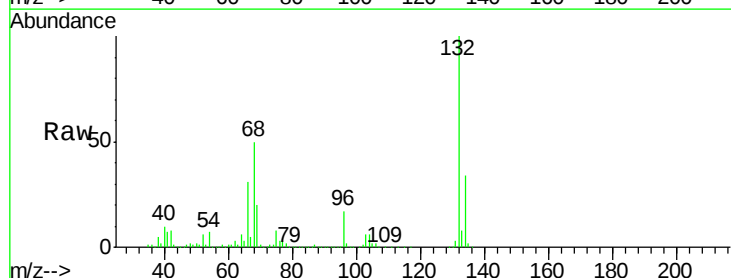
Tgt Ion: 77 Resp: 36364

Ion Ratio Lower Upper

77 100

105 71.4 63.5 103.5

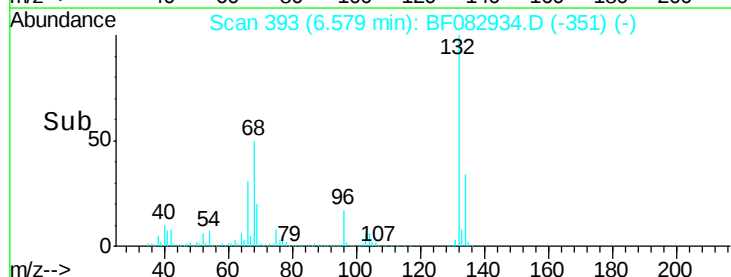
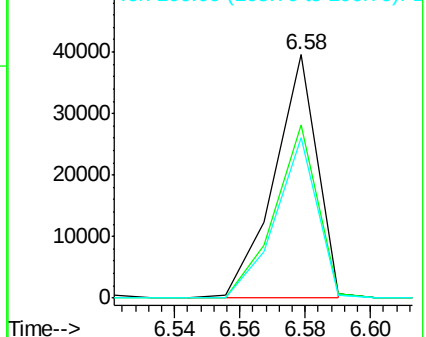
106 66.0 59.3 99.3

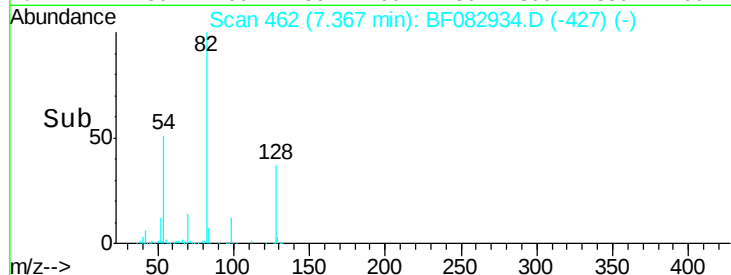
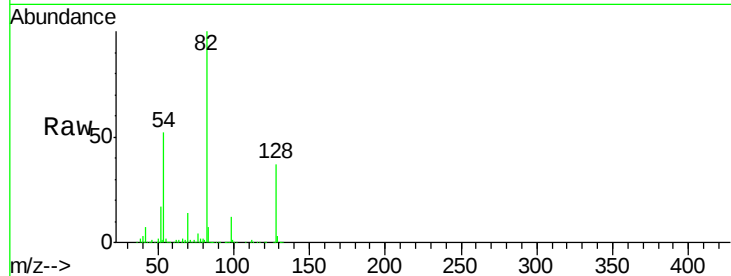


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

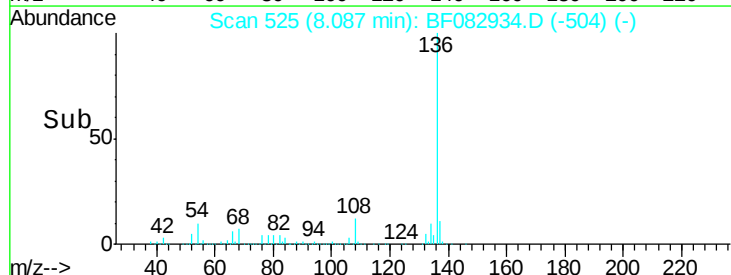
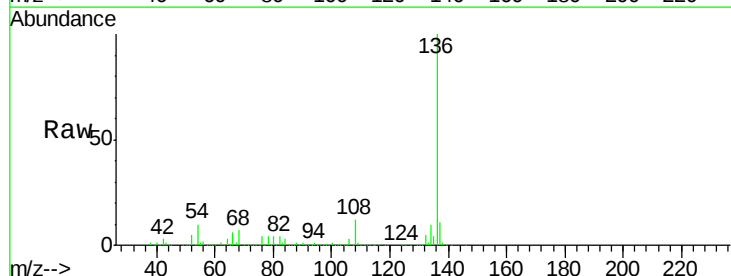
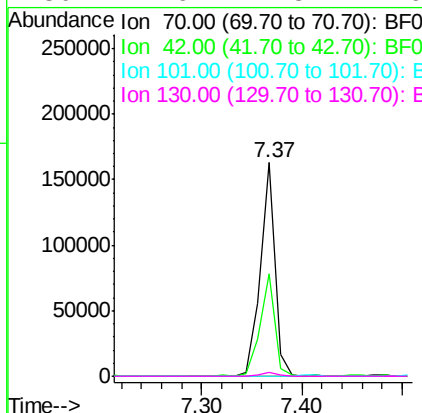




#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

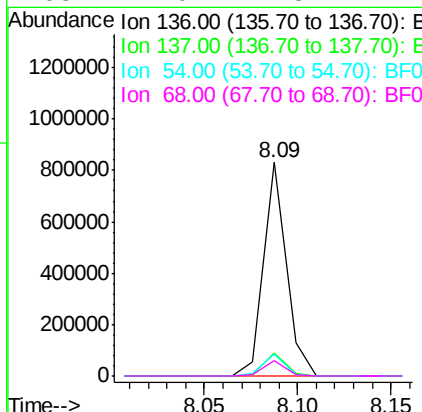
Instrument :
BNA_F
ClientSampleId :
MW-1

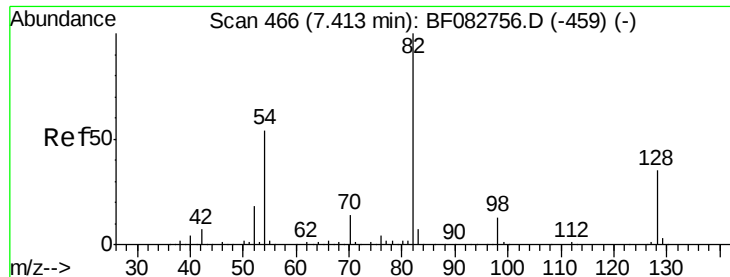
Tgt Ion:	70	Resp:	165772
Ion	Ratio	Lower	Upper
70	100		
42	48.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:	136	Resp:	698587
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.1	9.1	13.7
68	7.0	4.8	7.2

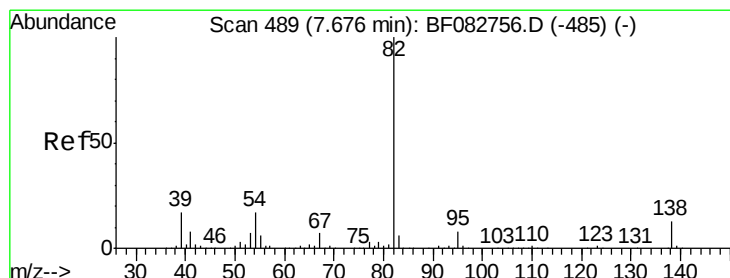
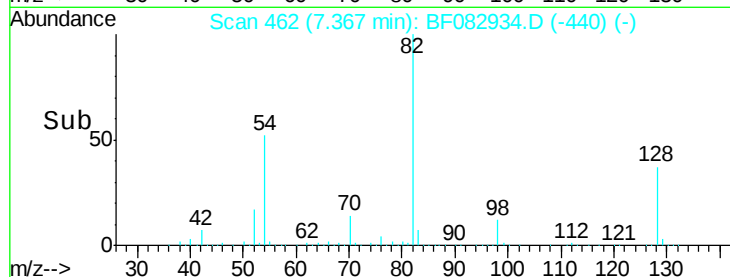
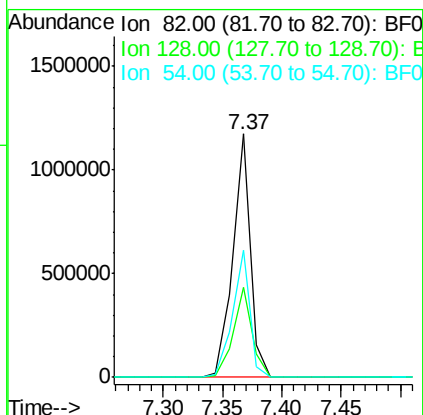
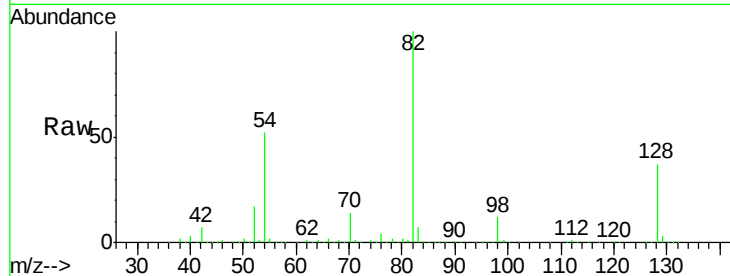




#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

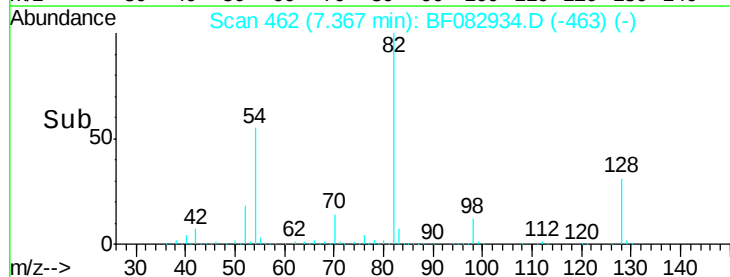
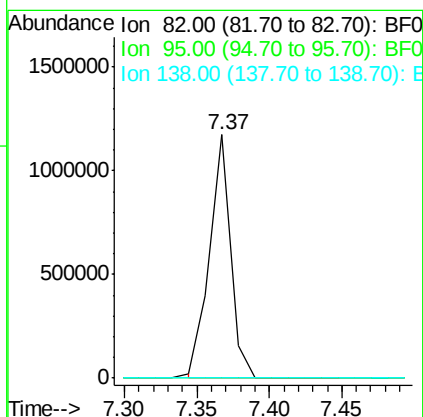
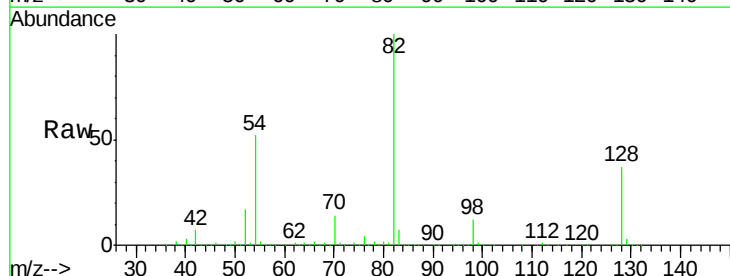
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

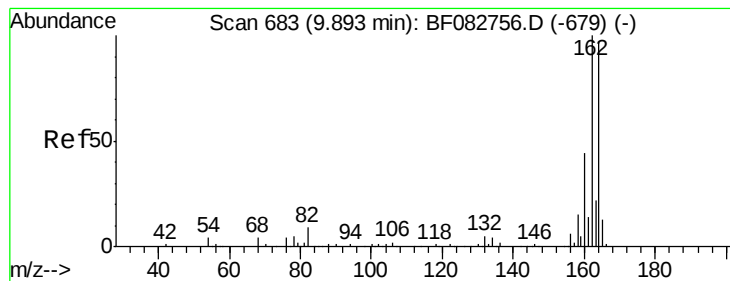
Tgt Ion: 82 Resp: 1206000
 Ion Ratio Lower Upper
 82 100
 128 36.8 26.8 40.2
 54 52.4 45.7 68.5



#25
 Isophorone
 Concen: 40.02 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082934.D
 Acq: 14 Nov 2015 10:06

Tgt Ion: 82 Resp: 1188754
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

MW-1

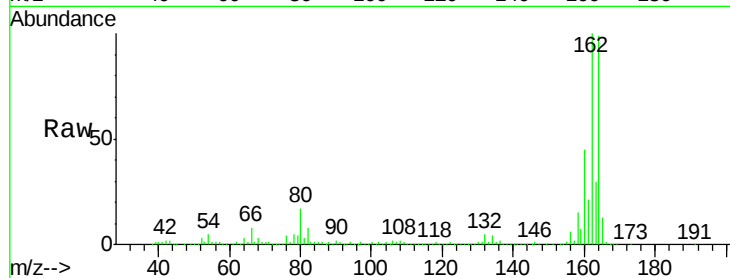
Tgt Ion:164 Resp: 356894

Ion Ratio Lower Upper

164 100

162 101.0 84.9 127.3

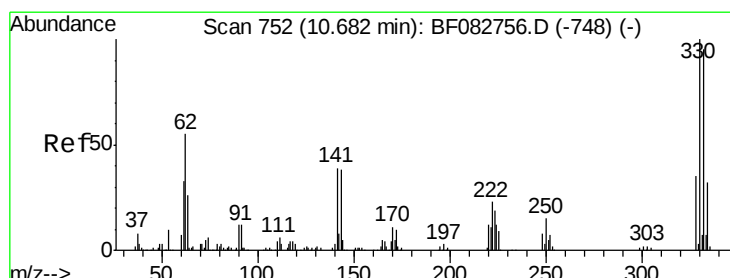
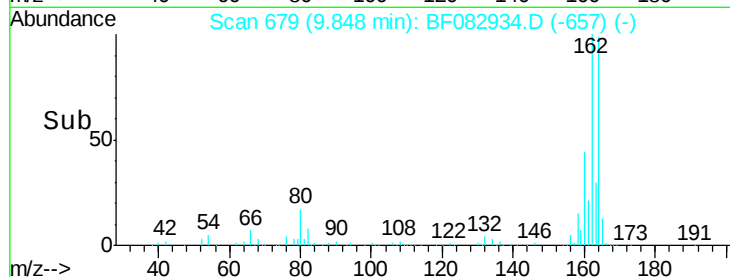
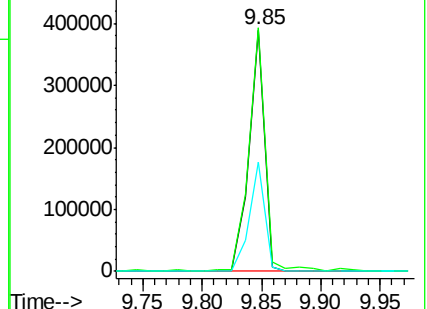
160 45.4 37.5 56.3



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: 97.65 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082934.D

Acq: 14 Nov 2015 10:06

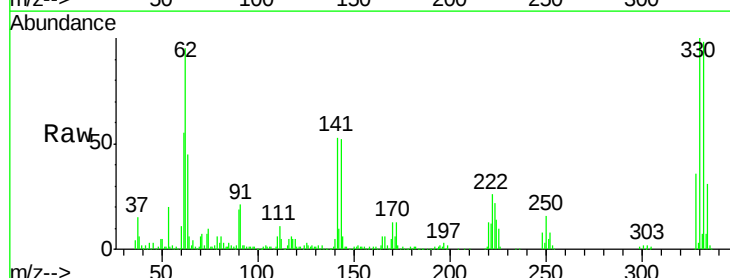
Tgt Ion:330 Resp: 399605

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

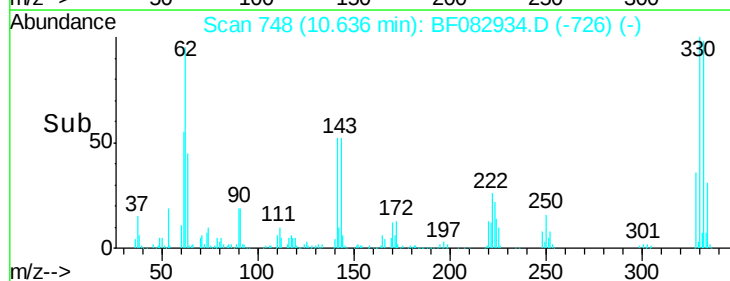
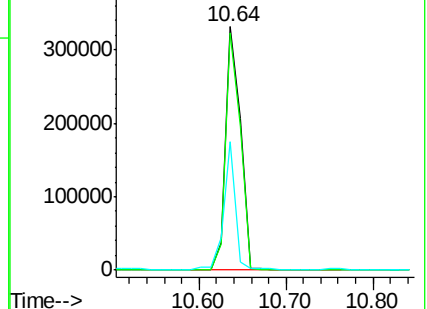
141 40.2 41.2 61.8#

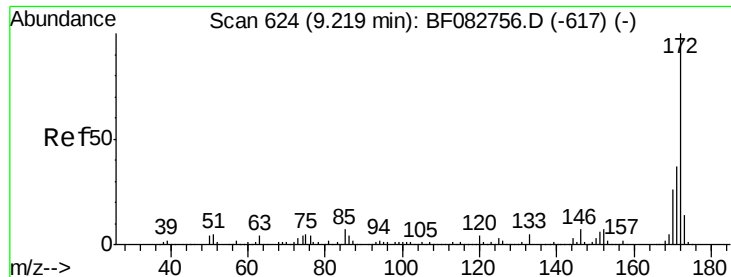


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

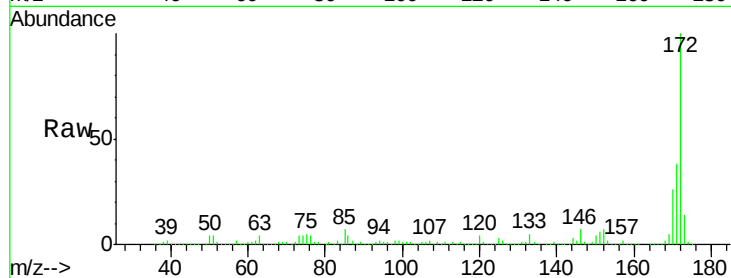




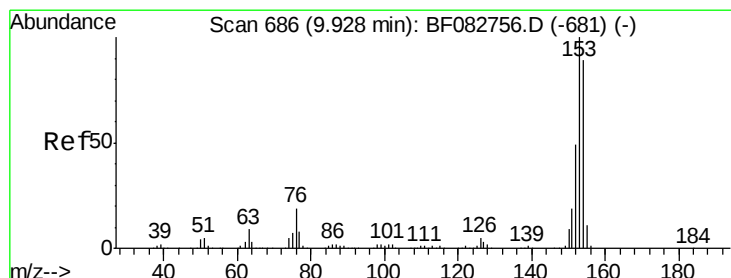
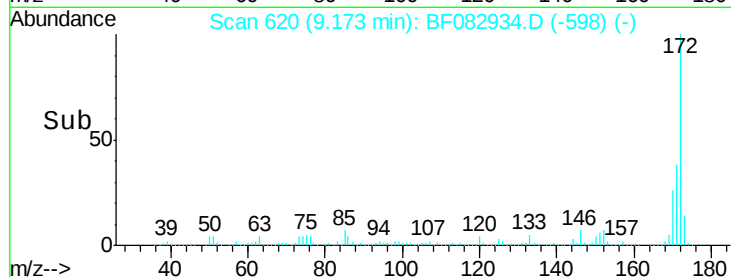
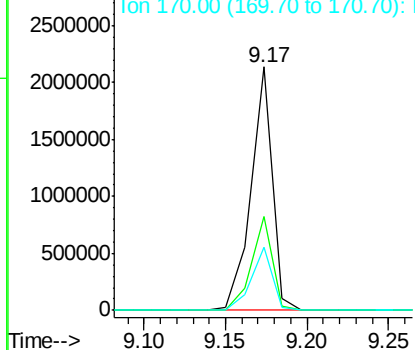
#44
2-Fluorobiphenyl
Concen: 78.07 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampled :
MW-1

Tgt Ion:172 Resp: 1944128
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.9 21.2 31.8

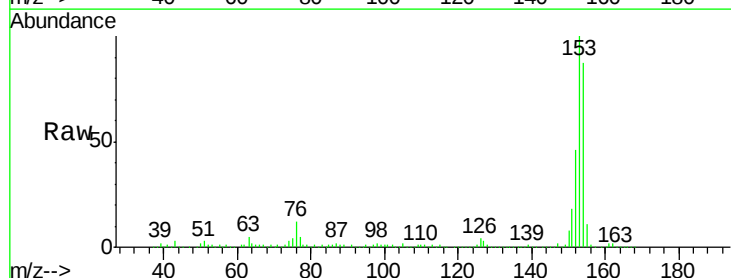


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

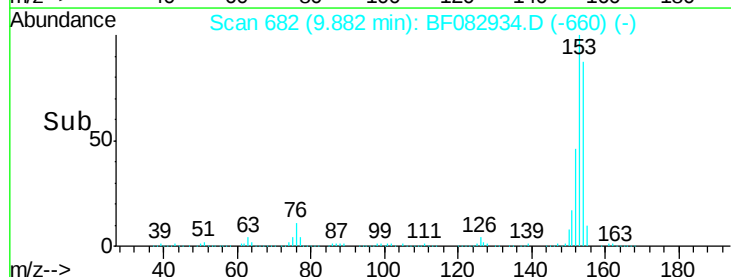
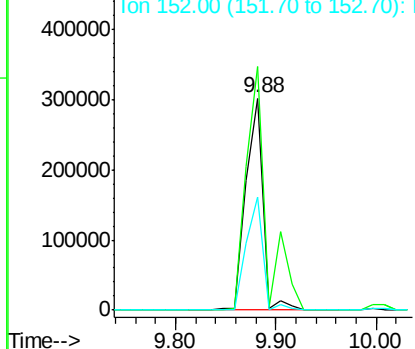


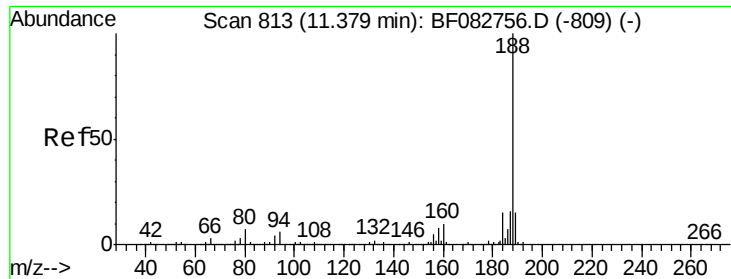
#51
Acenaphthene
Concen: 14.91 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:154 Resp: 353677
Ion Ratio Lower Upper
154 100
153 115.0 90.1 135.1
152 53.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

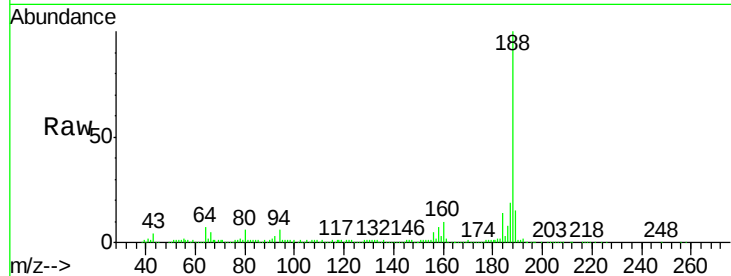




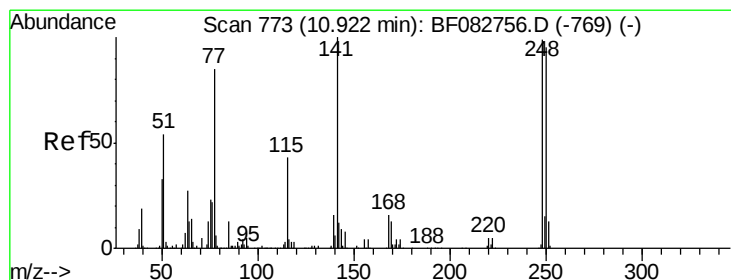
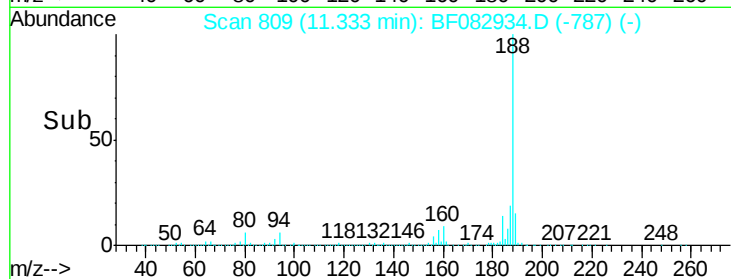
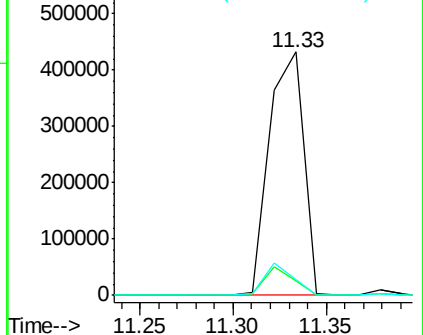
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 553678
Ion Ratio Lower Upper
188 100
94 5.7 6.1 9.1#
80 6.4 7.0 10.6#

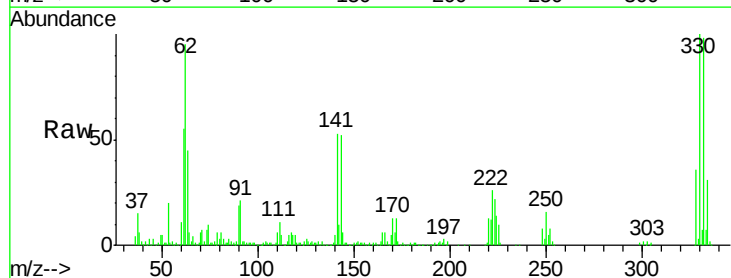


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082934.D
Acq: 14 Nov 2015 10:06

Tgt Ion:248 Resp: 27219
Ion Ratio Lower Upper
248 100
250 189.4 79.4 119.2#
141 619.4 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

