

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091513.D
 Acq On : 8 Dec 2016 20:12
 Operator : UM/SJ
 Sample : H5886-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 09 00:09:50 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

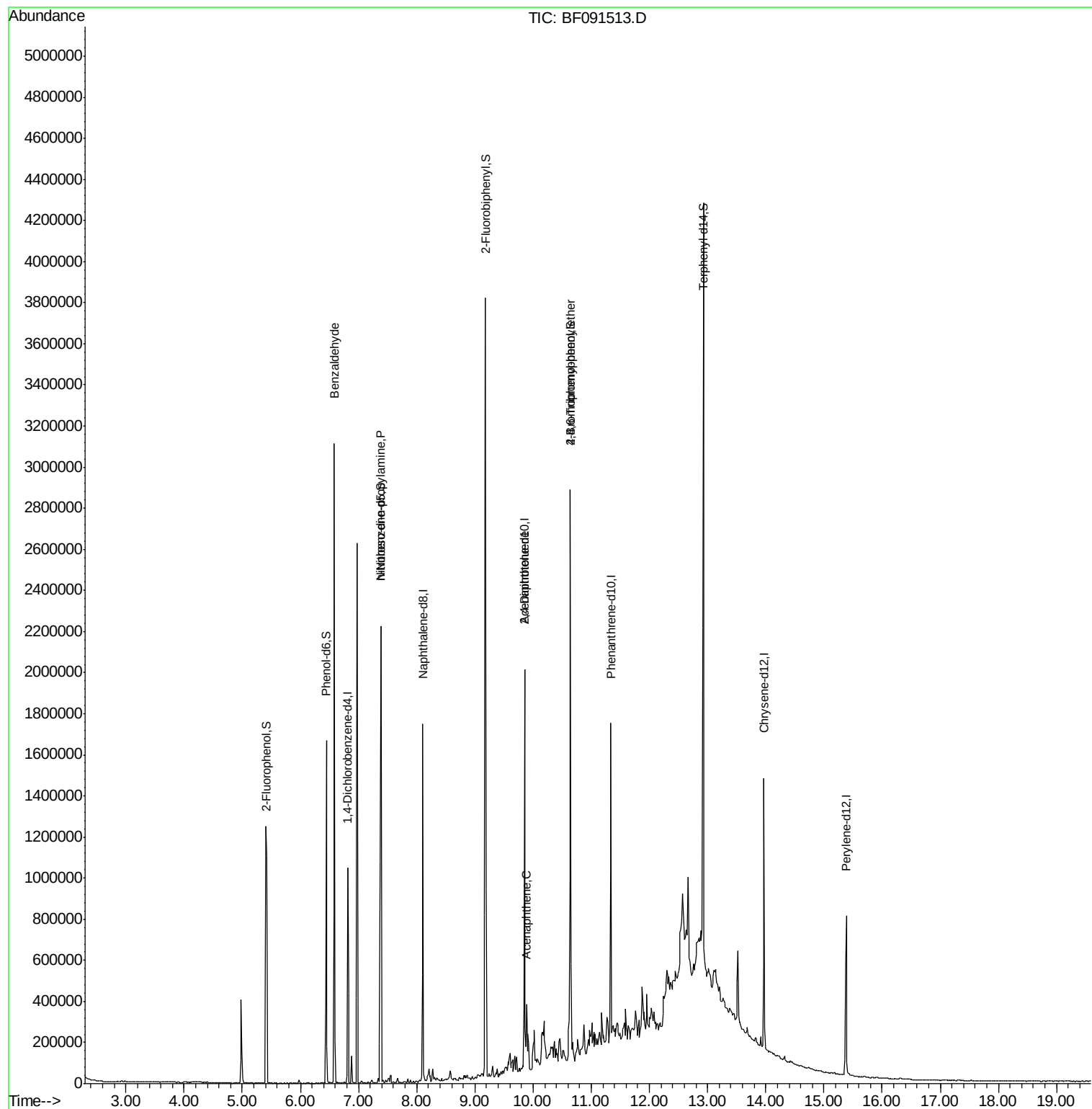
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165937	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	760105	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	413716	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	708021	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	486153	20.00	ng	-0.07
86) Perylene-d12	15.39	264	408385	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	438784	43.20	ng	-0.05
7) Phenol-d6	6.45	99	462800	37.01	ng	-0.05
23) Nitrobenzene-d5	7.38	82	778705	57.41	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	337481	86.16	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1291652	56.53	ng	-0.06
78) Terphenyl-d14	12.93	244	1302598	58.24	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	19667	2.45	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.38	70	108510	13.77	ng	# 69
51) Acenaphthene	9.89	154	58658	2.49	ng	95
56) 2,4-Dinitrotoluene	9.85	165	54202	7.46	ng	# 34
66) 4-Bromophenyl-phenylether	10.64	248	21184	2.78	ng	# 1

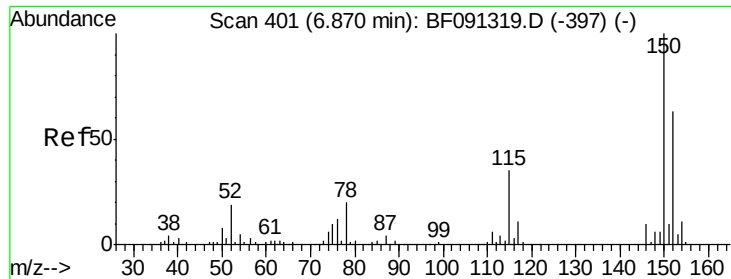
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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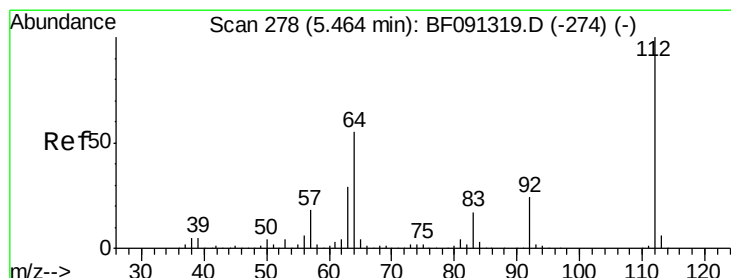
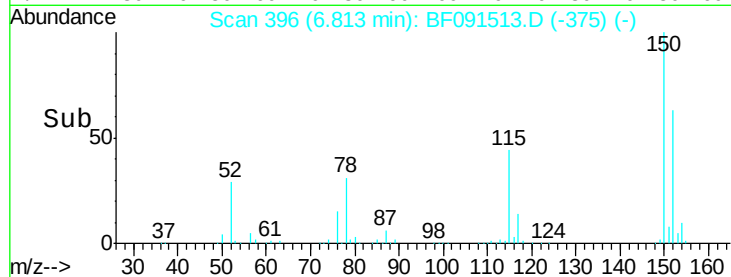
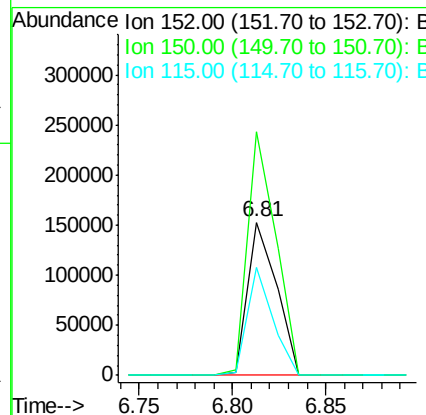
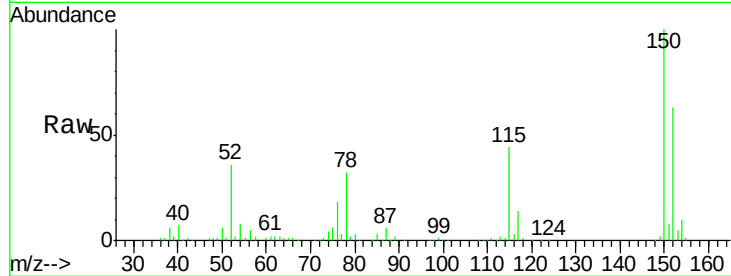


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.06 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

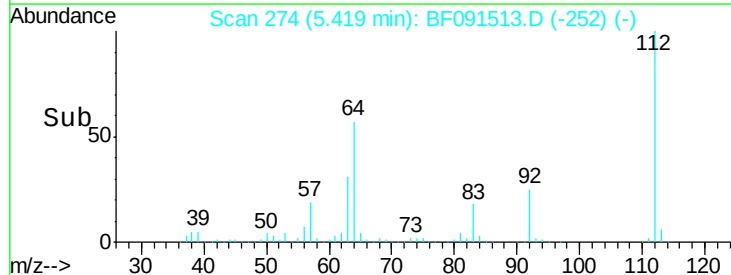
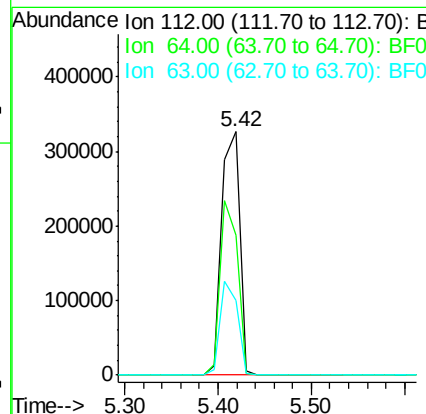
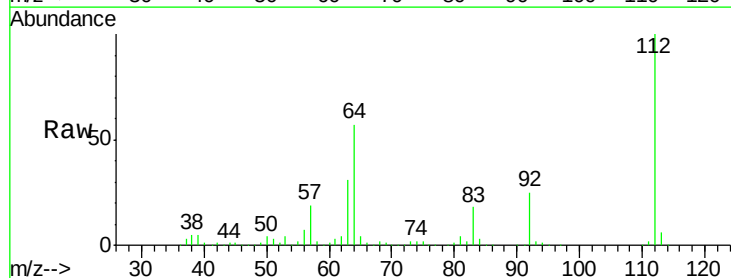
Tgt Ion:152 Resp: 165937
Ion Ratio Lower Upper
152 100
150 159.3 122.5 183.7
115 70.6 51.8 77.8

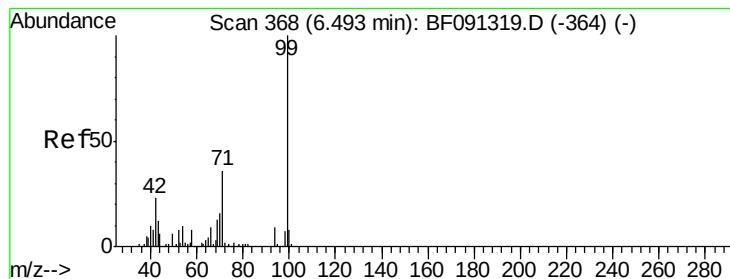


#5

2-Fluorophenol
Concen: 43.20 ng
RT: 5.42 min Scan# 274
Delta R.T. -0.05 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:112 Resp: 438784
Ion Ratio Lower Upper
112 100
64 57.2 61.5 92.3#
63 30.7 33.3 49.9#





#7

Phenol-d6

Concen: 37.01 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.05 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

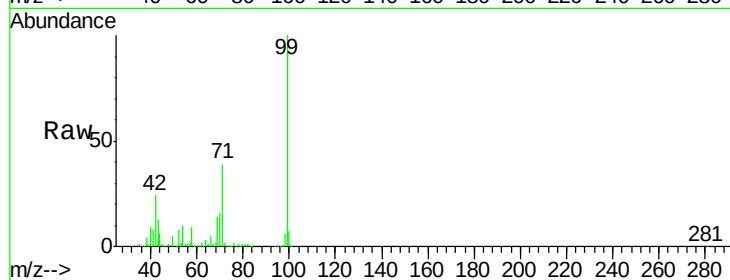
Tgt Ion: 99 Resp: 462800

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

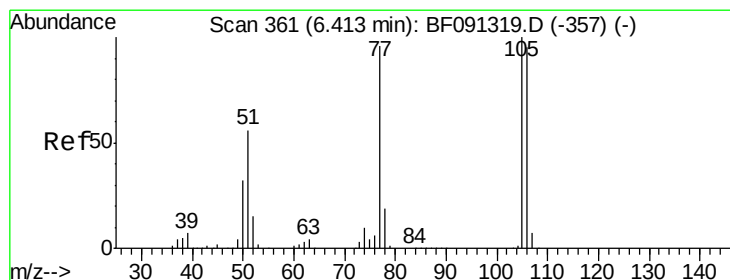
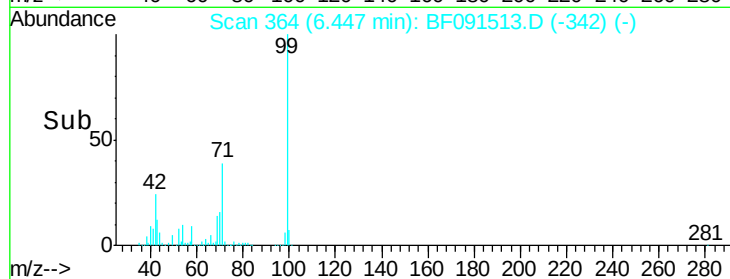
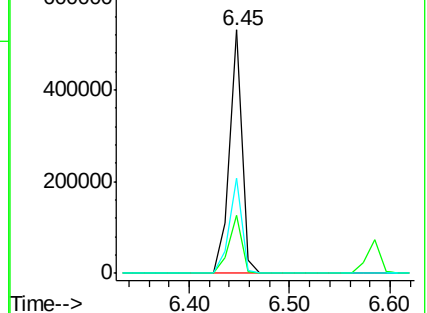
71 39.2 29.9 44.9



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: 2.45 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

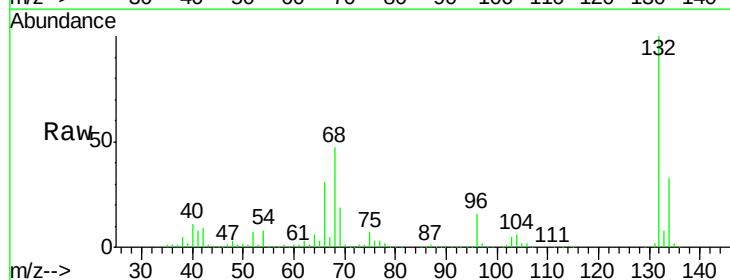
Tgt Ion: 77 Resp: 19667

Ion Ratio Lower Upper

77 100

105 76.2 66.4 106.4

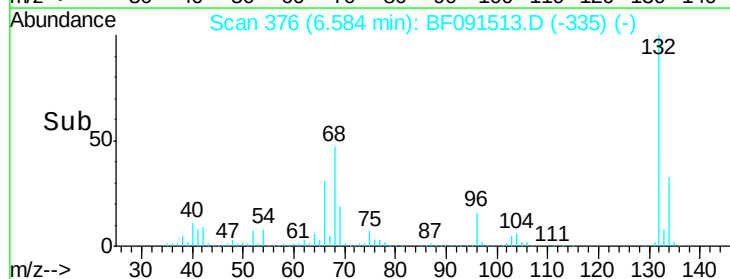
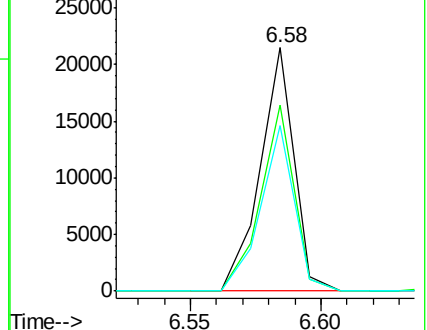
106 68.0 60.9 100.9

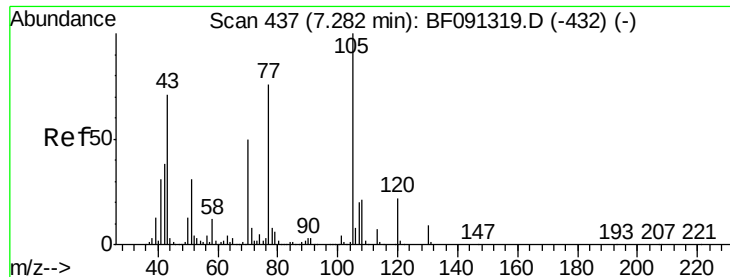


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

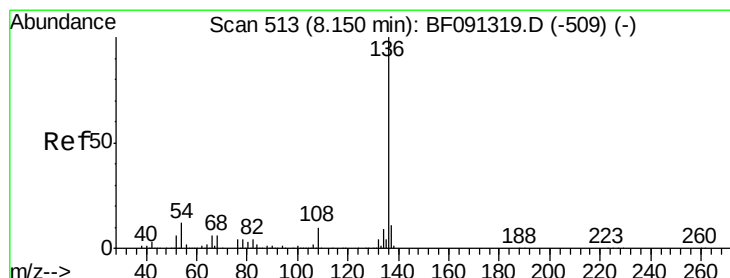
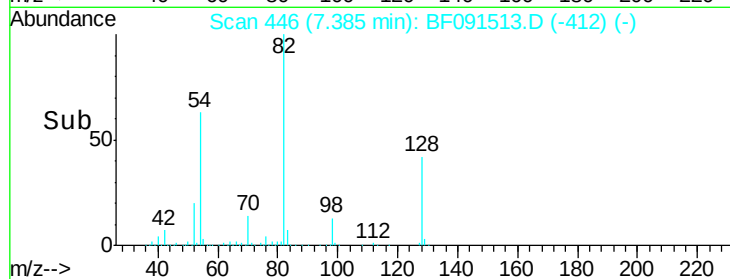
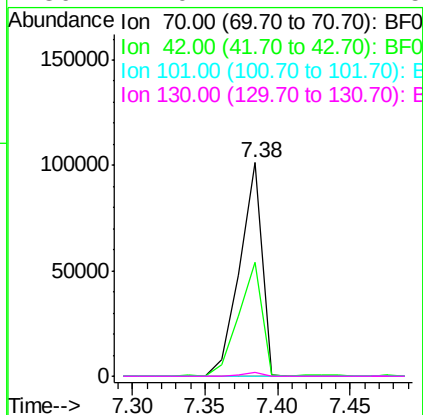
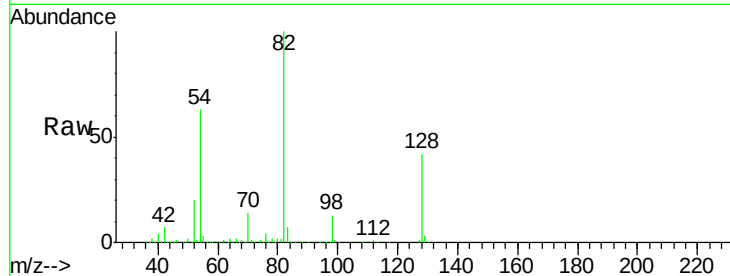




#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

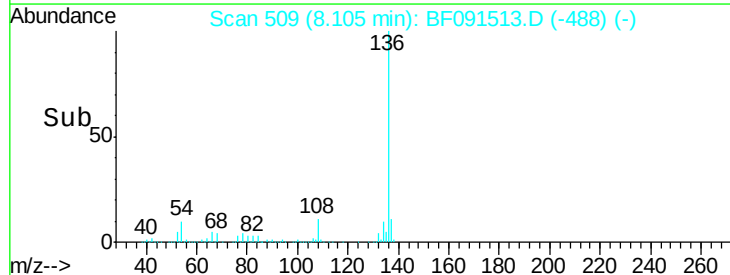
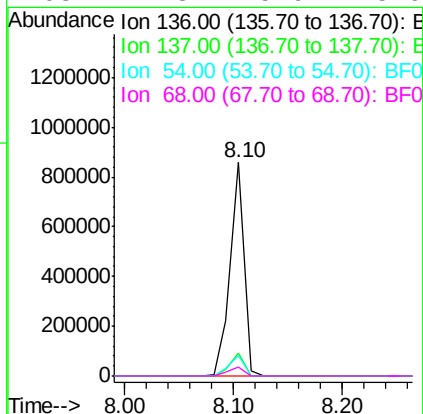
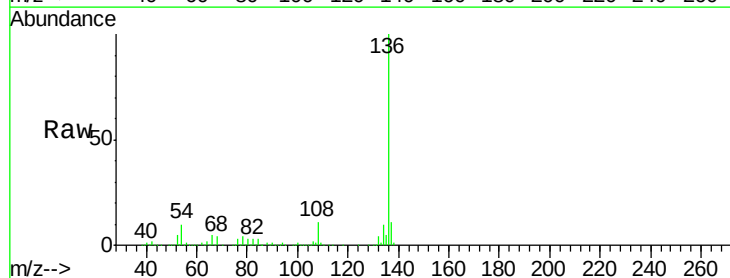
Instrument :
BNA_F
ClientSampleId :
MW-1

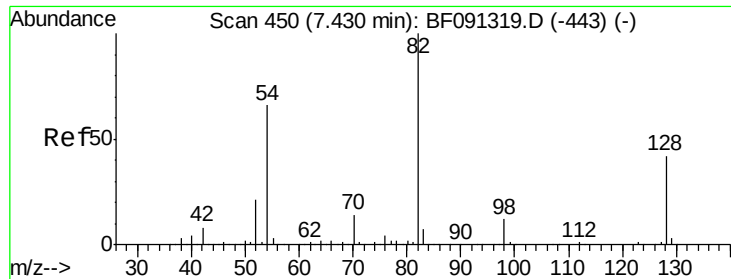
Tgt Ion: 70 Resp: 108510
Ion Ratio Lower Upper
70 100
42 53.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion: 136 Resp: 760105
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.5 9.1 13.7
68 4.3 5.9 8.9#

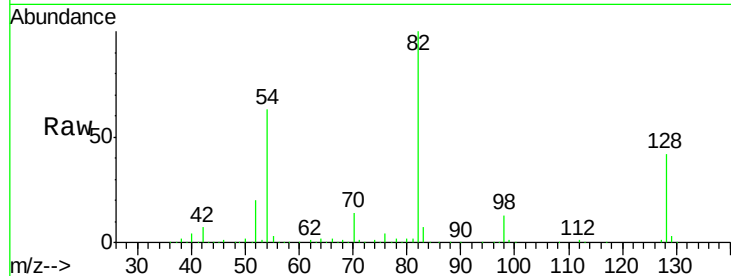




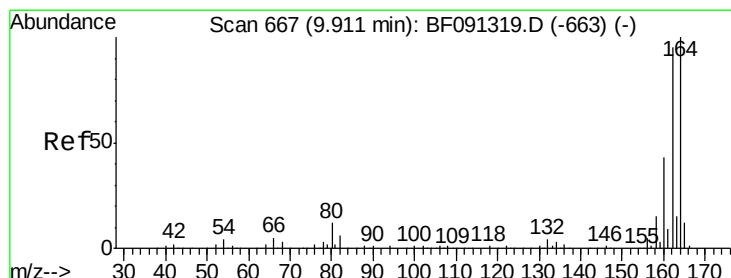
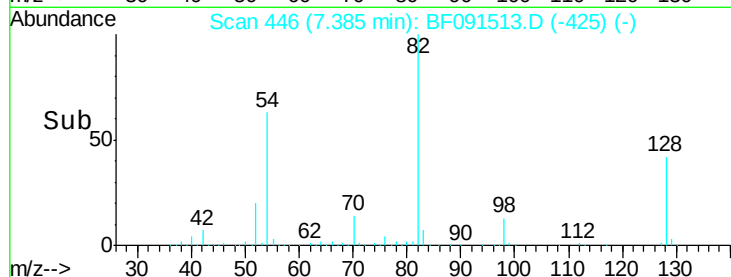
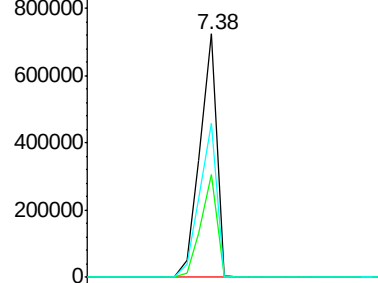
#23
 Nitrobenzene-d5
 Concen: 57.41 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion: 82 Resp: 778705
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.8 47.6
 54 63.0 49.1 73.7

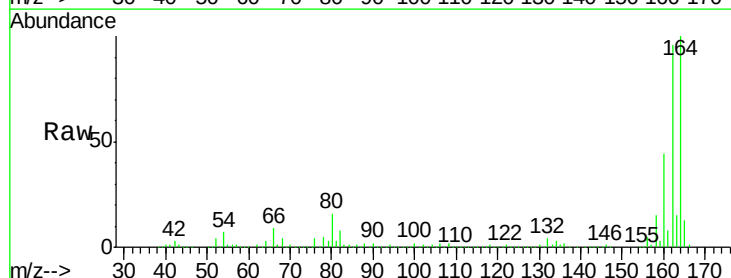


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

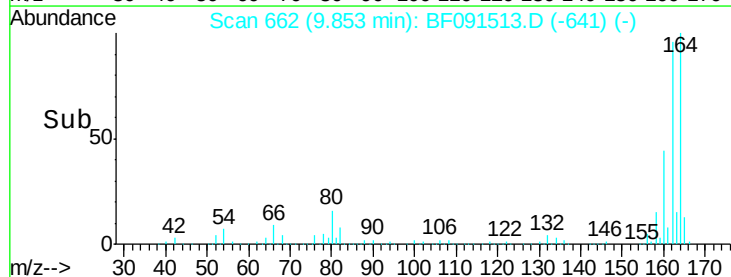
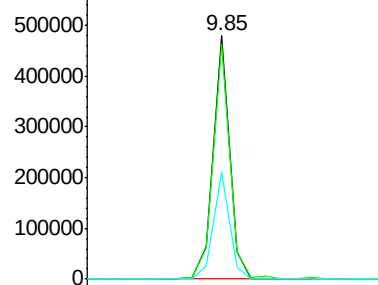


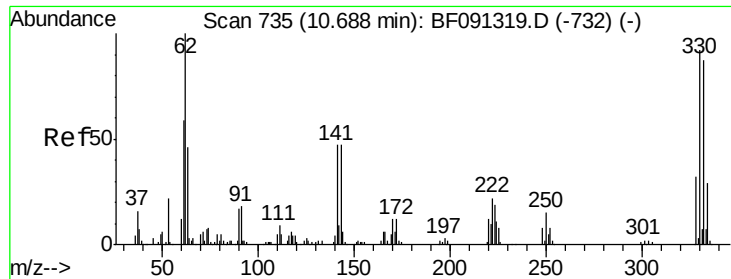
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Tgt Ion: 164 Resp: 413716
 Ion Ratio Lower Upper
 164 100
 162 96.2 82.6 124.0
 160 43.7 36.7 55.1



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

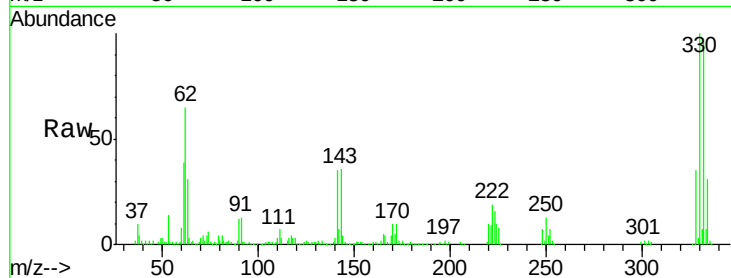




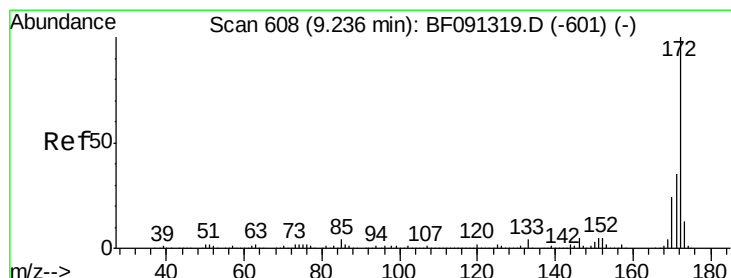
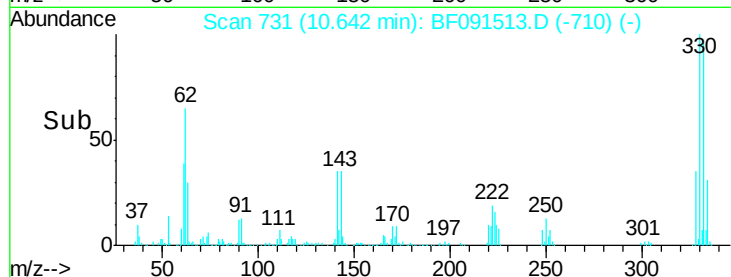
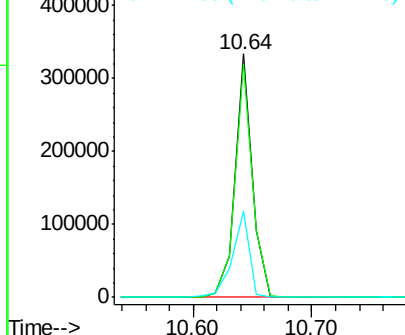
#41
 2,4,6-Tribromophenol
 Concen: 86.16 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 337481
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 34.8 33.6 50.4

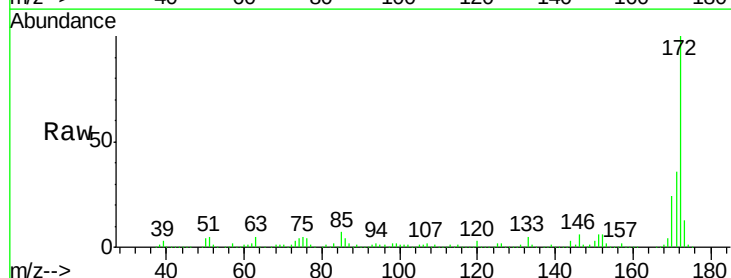


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

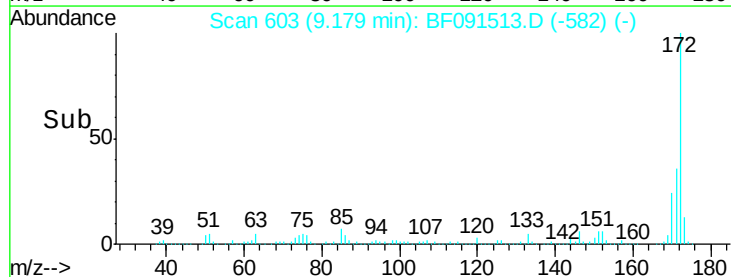
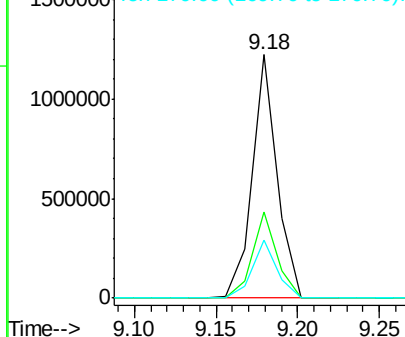


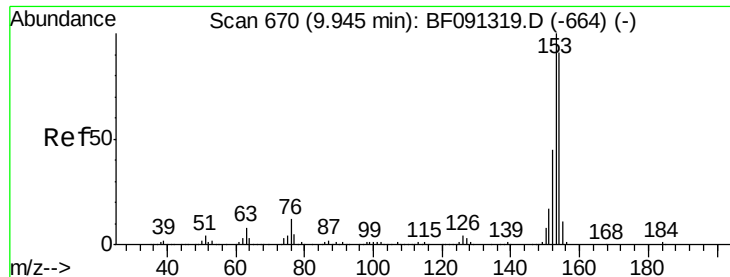
#44
 2-Fluorobiphenyl
 Concen: 56.53 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091513.D
 Acq: 8 Dec 2016 20:12

Tgt Ion:172 Resp: 1291652
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.8 19.7 29.5



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: 2.49 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.06 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

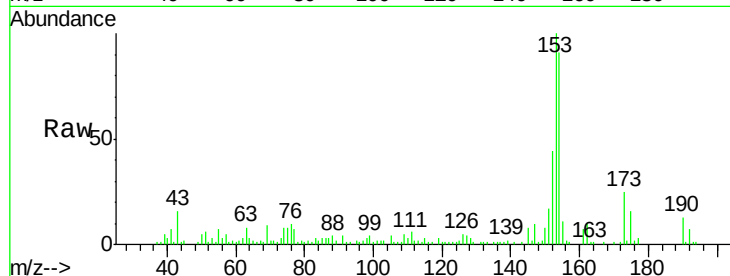
Tgt Ion:154 Resp: 58658

Ion Ratio Lower Upper

154 100

153 109.8 91.0 136.6

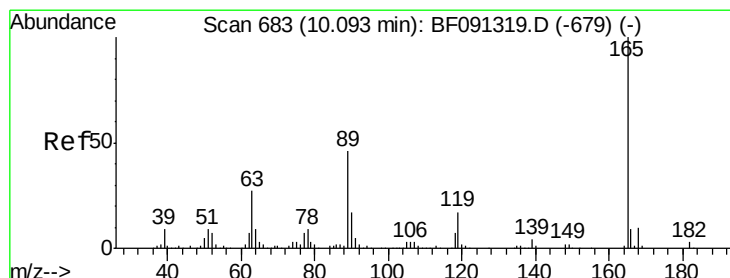
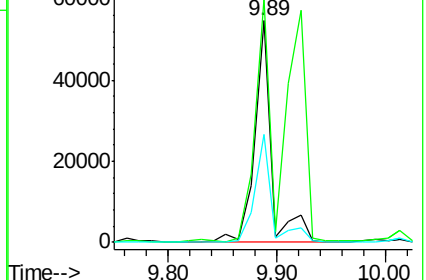
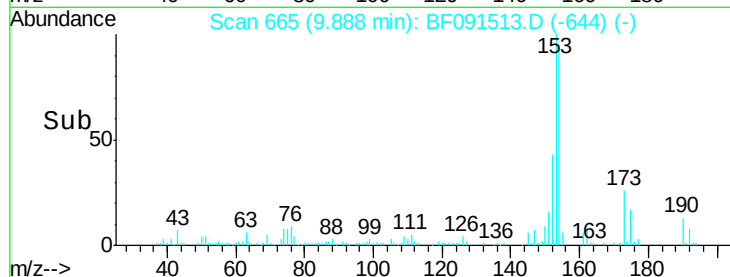
152 48.8 44.2 66.2



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



#56

2,4-Dinitrotoluene

Concen: 7.46 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.25 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Tgt Ion:165 Resp: 54202

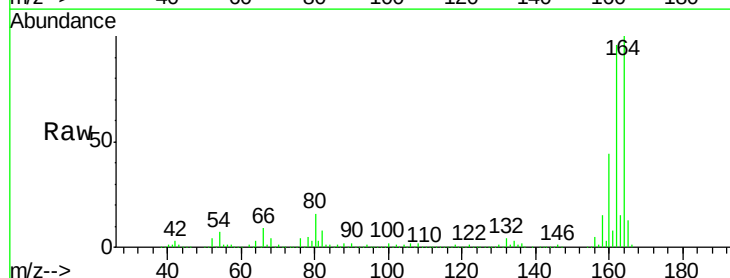
Ion Ratio Lower Upper

165 100

63 1.4 29.0 43.4#

89 1.3 43.1 64.7#

182 0.0 1.9 2.9#

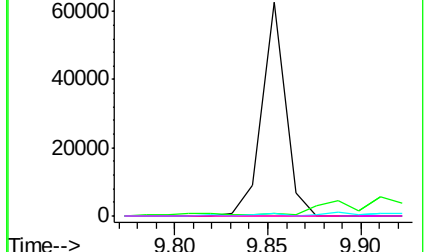
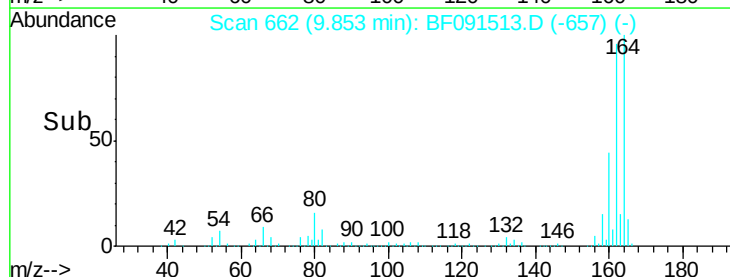


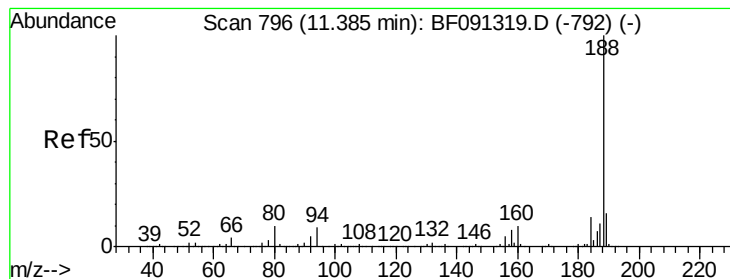
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.06 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

Instrument :

BNA_F

ClientSampleId :

MW-1

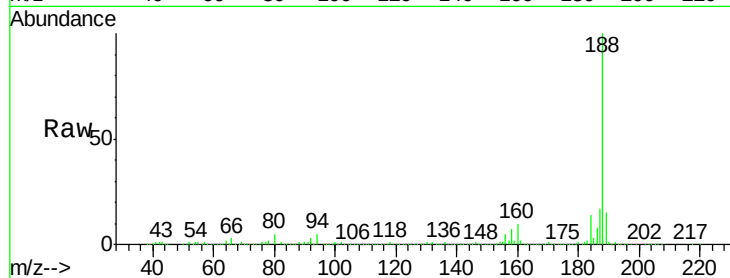
Tgt Ion:188 Resp: 708021

Ion Ratio Lower Upper

188 100

94 5.1 9.2 13.8#

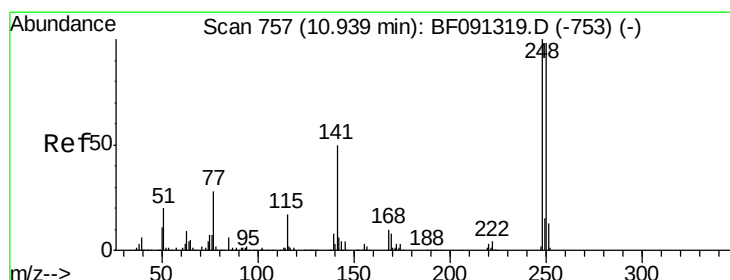
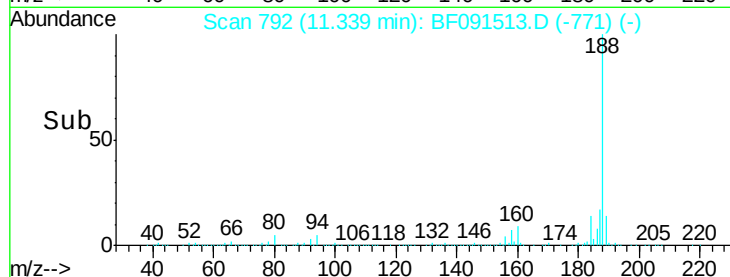
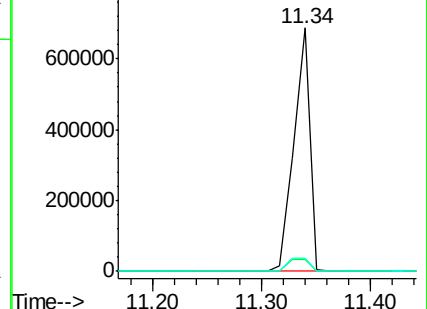
80 5.3 10.5 15.7#



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: 2.78 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.31 min

Lab File: BF091513.D

Acq: 8 Dec 2016 20:12

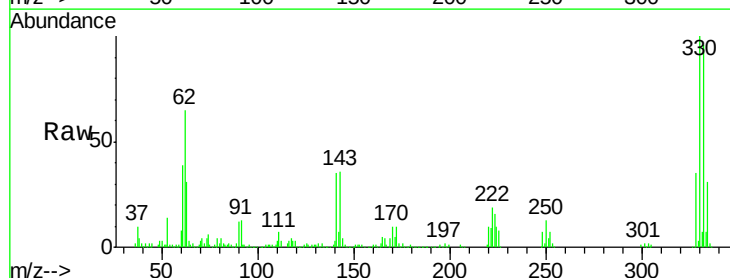
Tgt Ion:248 Resp: 21184

Ion Ratio Lower Upper

248 100

250 194.6 78.2 117.4#

141 510.2 71.9 107.9#



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

