

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080754.D
 Acq On : 1 Aug 2015 1:32
 Operator : TP/UM
 Sample : G3127-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-6(0-2)

Quant Time: Aug 01 03:17:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

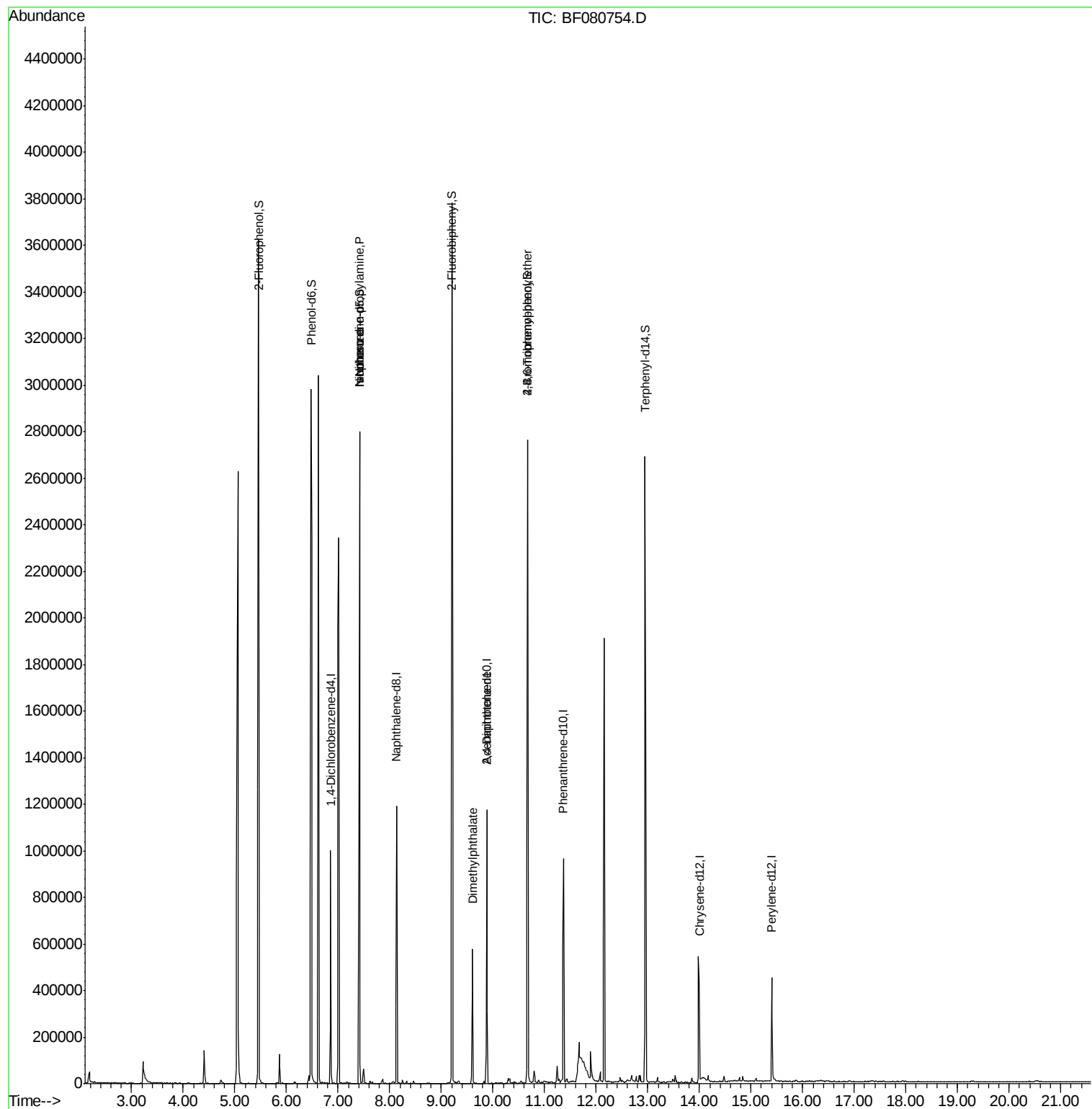
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131044	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493375	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	227560	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	430858	20.00	ng	0.00
75) Chrysene-d12	14.00	240	261351	20.00	ng	0.00
86) Perylene-d12	15.40	264	232210	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	908076	118.87	ng	0.01
7) Phenol-d6	6.48	99	1396917	134.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	893090	87.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	310938	131.68	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1345546	88.21	ng	-0.01
78) Terphenyl-d14	12.95	244	1046399	75.72	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1818	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	126014	17.99	ng	# 75
25) Isophorone	7.41	82	877620	48.44	ng	# 71
49) Dimethylphthalate	9.61	163	307470	19.17	ng	97
56) 2,4-Dinitrotoluene	9.88	165	28760	6.44	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	20495	4.61	ng	# 1

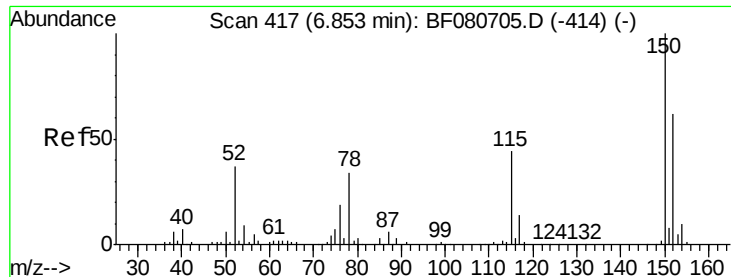
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-6(0-2)

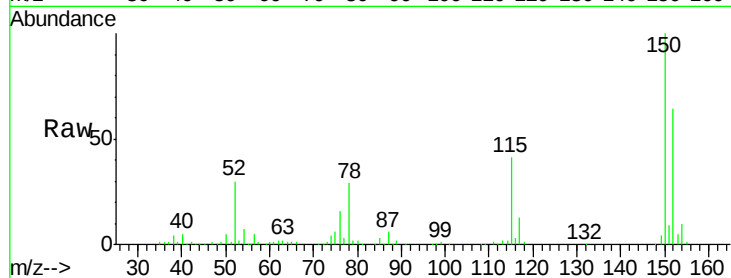
Tgt Ion:152 Resp: 131044

Ion Ratio Lower Upper

152 100

150 155.3 129.6 194.4

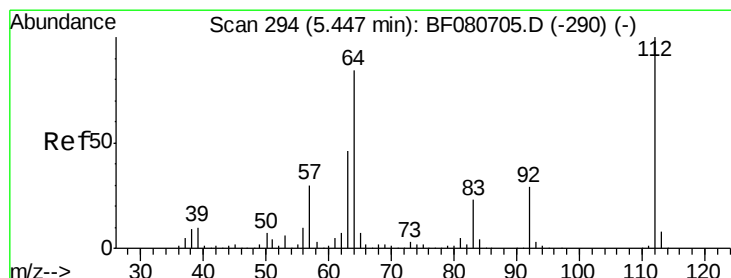
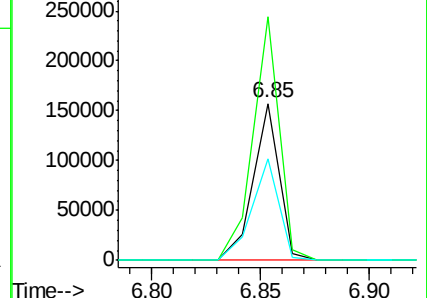
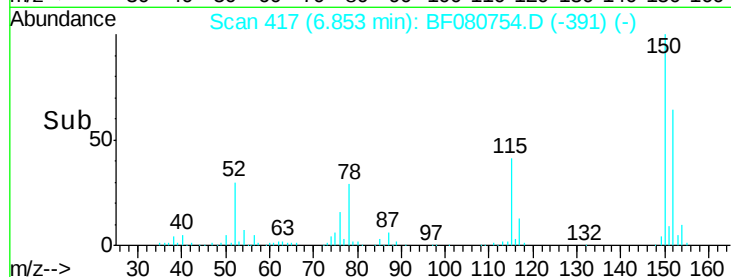
115 64.4 56.6 85.0



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: 118.87 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

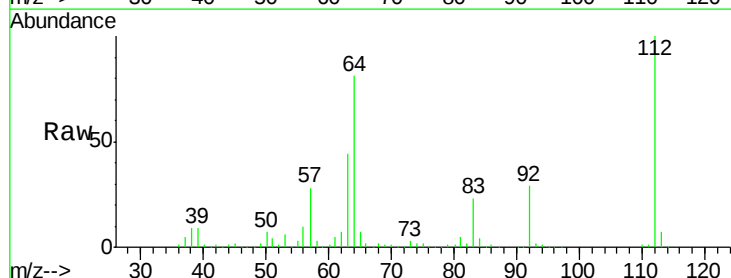
Tgt Ion:112 Resp: 908076

Ion Ratio Lower Upper

112 100

64 81.0 66.8 100.2

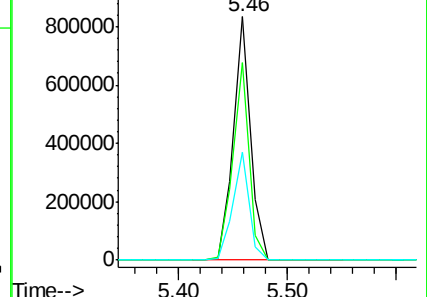
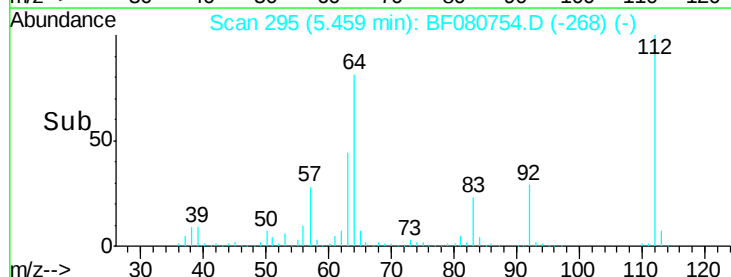
63 44.2 36.7 55.1

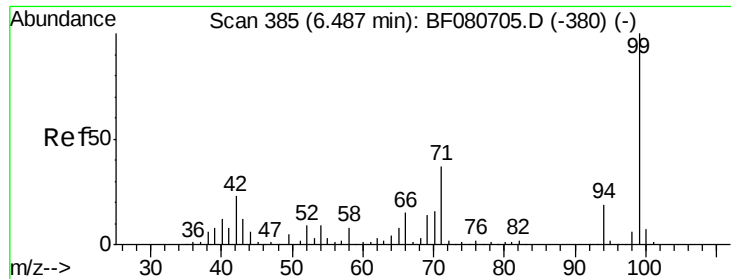


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-6(0-2)

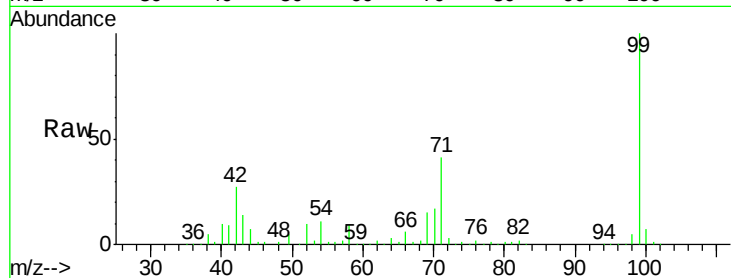
Tgt Ion: 99 Resp: 1396917

Ion Ratio Lower Upper

99 100

42 27.1 18.2 27.2

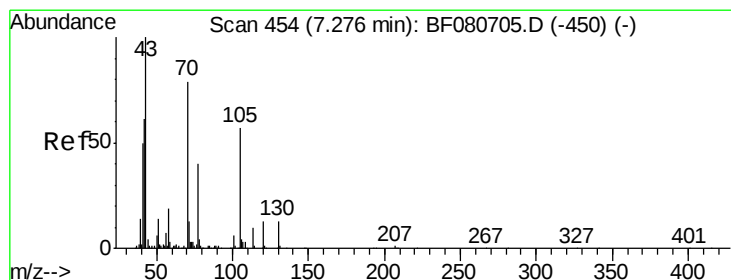
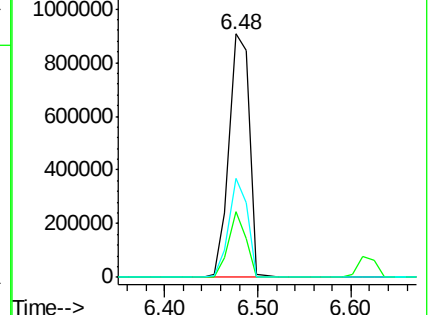
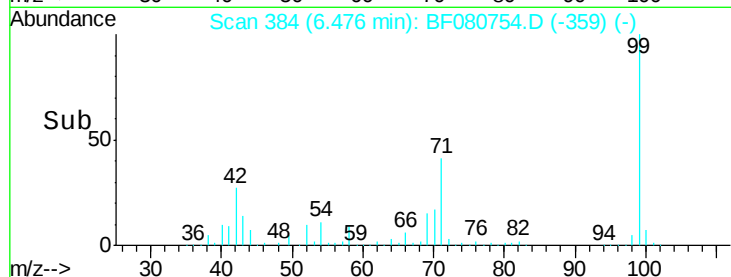
71 40.9 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.99 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

Tgt Ion: 70 Resp: 126014

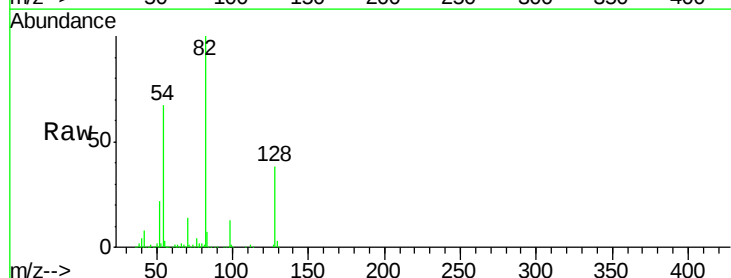
Ion Ratio Lower Upper

70 100

42 57.5 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

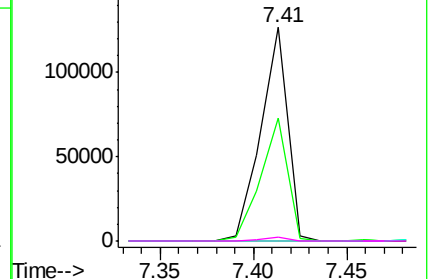
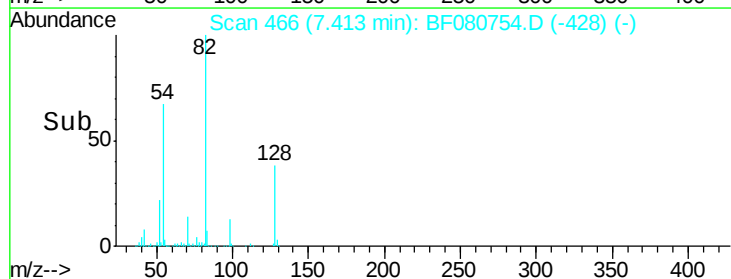


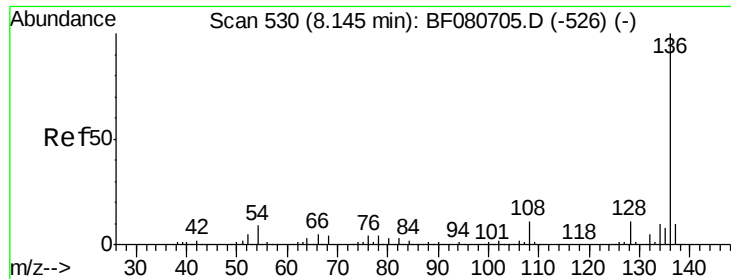
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

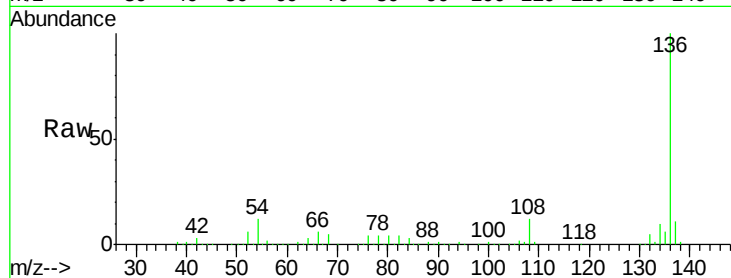




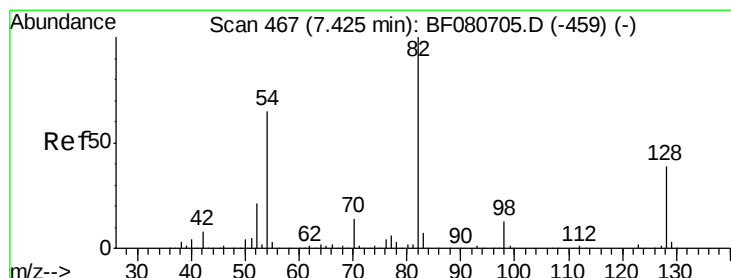
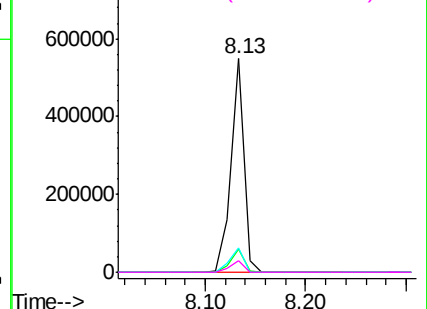
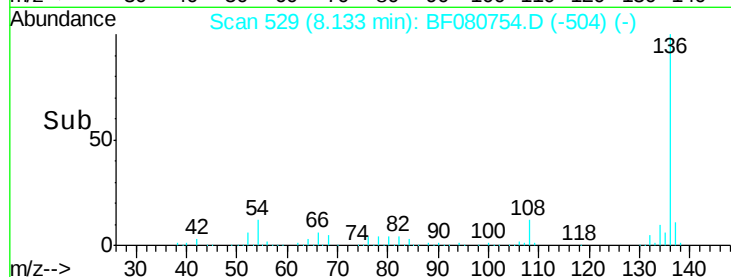
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080754.D
Acq: 1 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-6(0-2)

Tgt Ion:	136	Resp:	493375
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	11.6	6.9	10.3#
68	5.3	3.5	5.3#

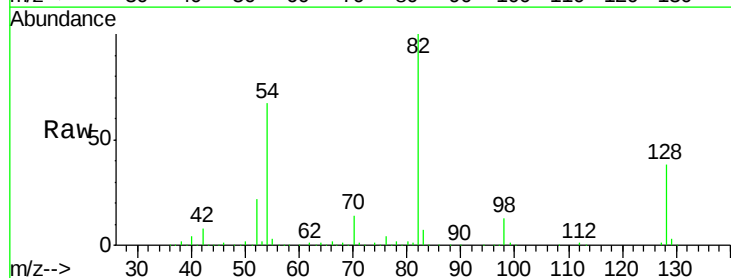


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

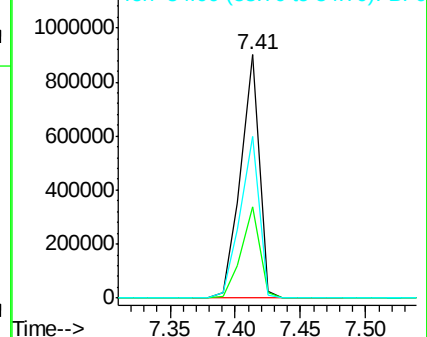
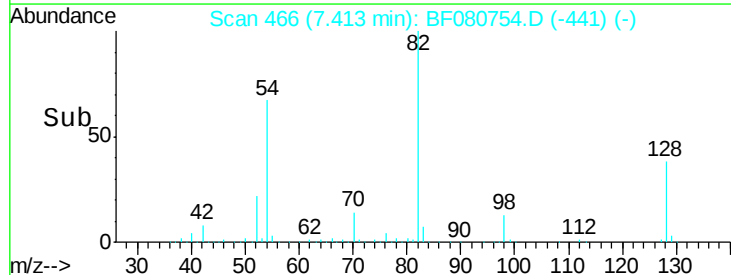


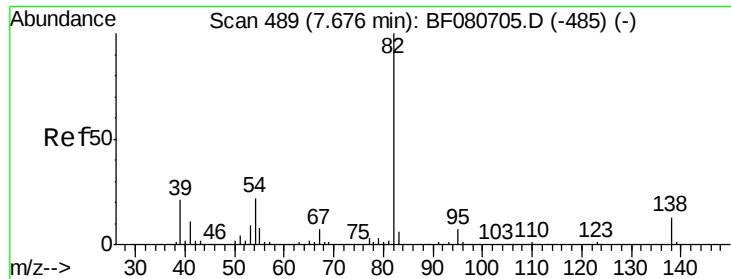
#23
Nitrobenzene-d5
Concen: 87.66 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080754.D
Acq: 1 Aug 2015 1:32

Tgt Ion:	82	Resp:	893090
Ion Ratio	Lower	Upper	
82	100		
128	37.6	31.5	47.3
54	66.6	51.8	77.8



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





#25

Isophorone

Concen: 48.44 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-6(0-2)

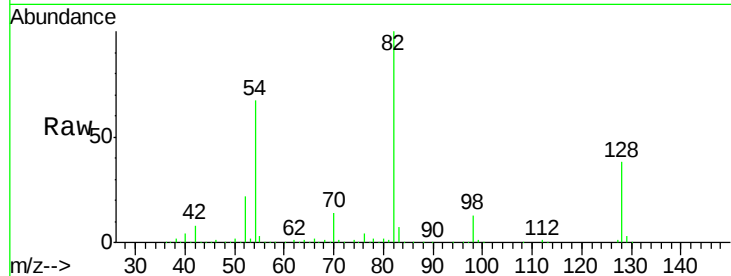
Tgt Ion: 82 Resp: 877620

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

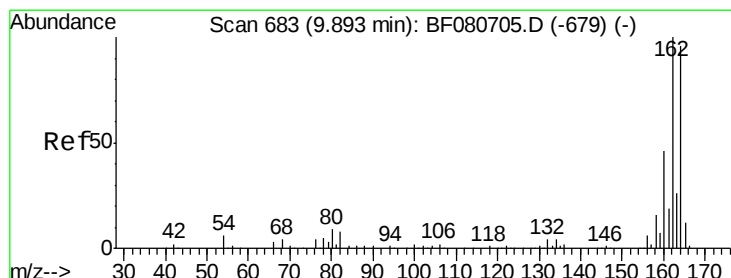
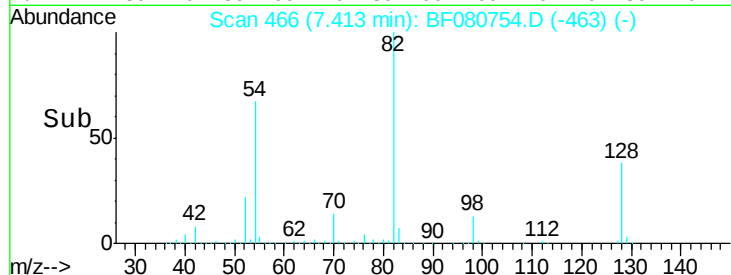
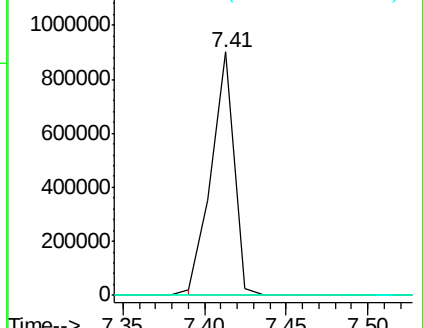
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080754.D

Acq: 1 Aug 2015 1:32

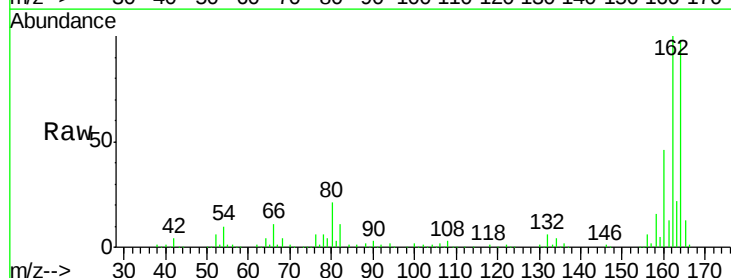
Tgt Ion: 164 Resp: 227560

Ion Ratio Lower Upper

164 100

162 101.9 83.4 125.0

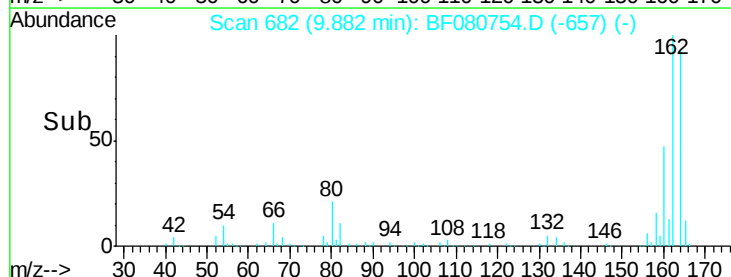
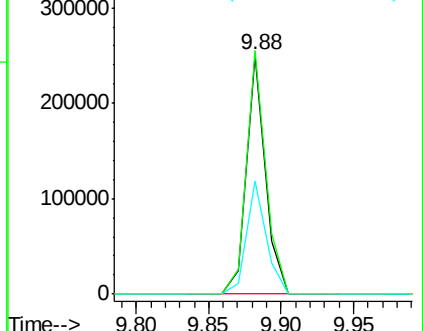
160 47.2 38.0 57.0

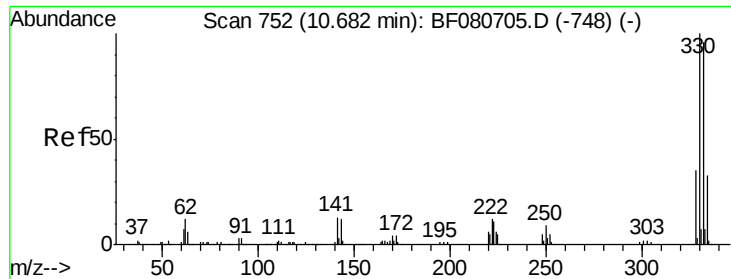


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

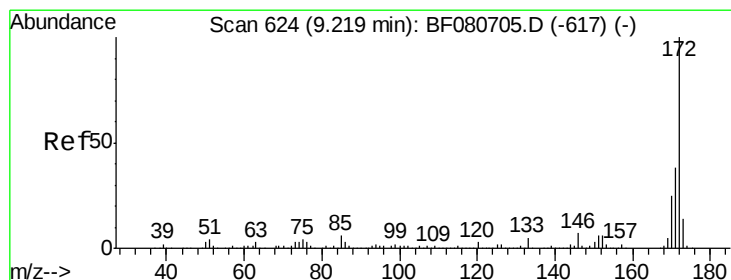
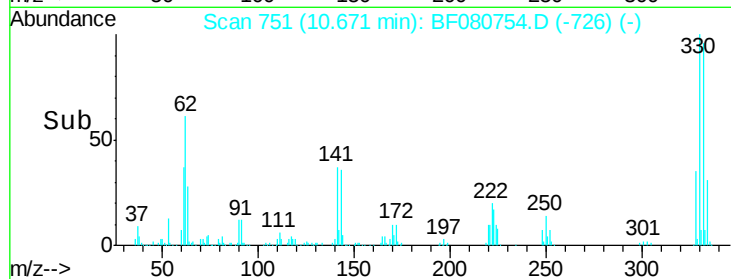
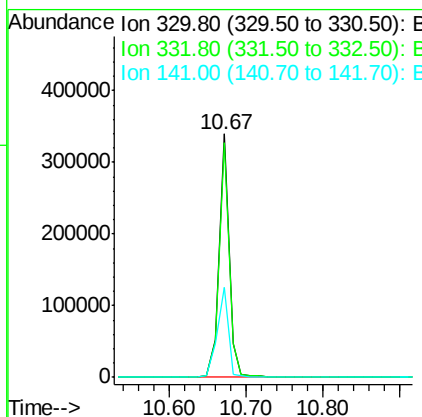
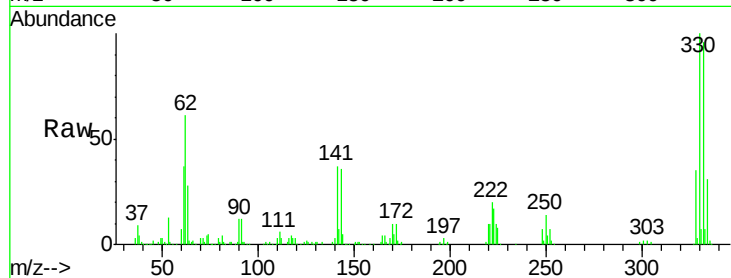




#41
 2,4,6-Tribromophenol
 Concen: 131.68 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080754.D
 Acq: 1 Aug 2015 1:32

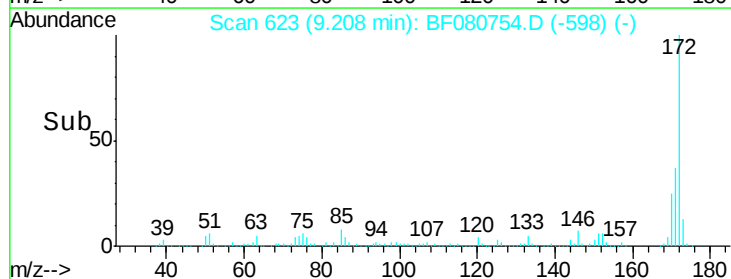
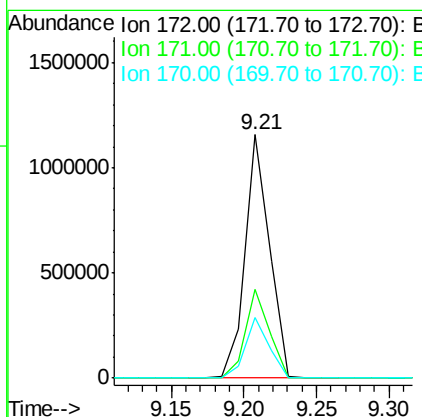
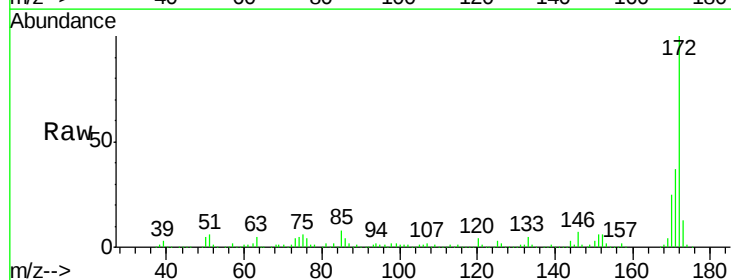
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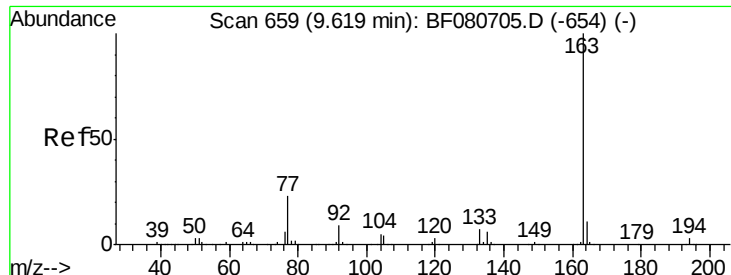
Tgt Ion:330 Resp: 310938
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 40.5 26.0 39.0#



#44
 2-Fluorobiphenyl
 Concen: 88.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080754.D
 Acq: 1 Aug 2015 1:32

Tgt Ion:172 Resp: 1345546
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.2 45.4
 170 24.9 20.2 30.2

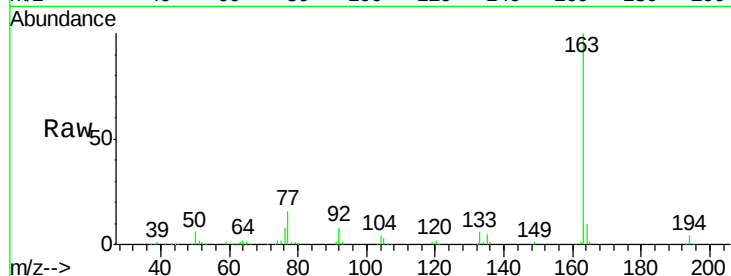




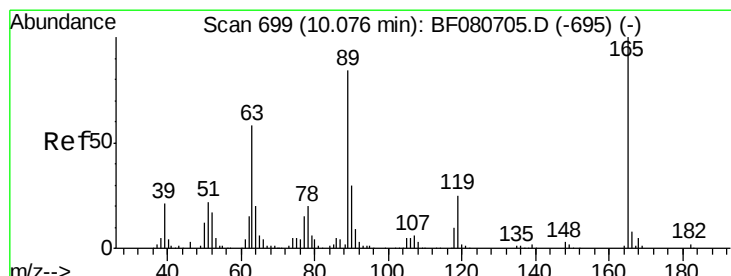
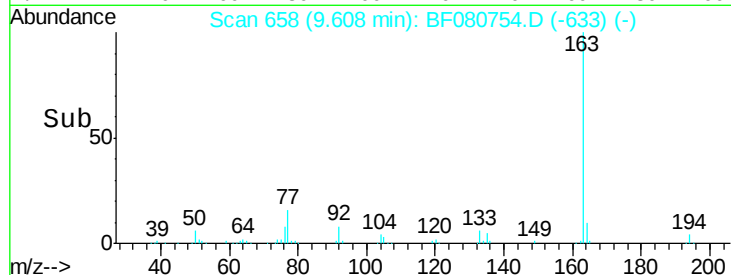
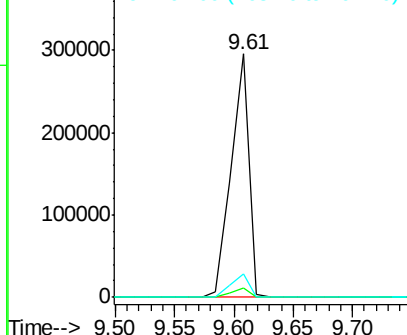
#49
Dimethylphthalate
Concen: 19.17 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080754.D
Acq: 1 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-6(0-2)

Tgt Ion:163 Resp: 307470
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.7 13.1

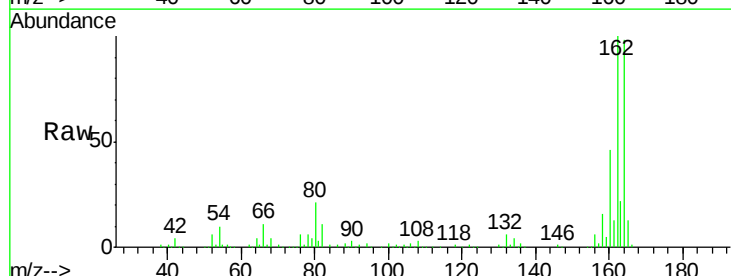


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

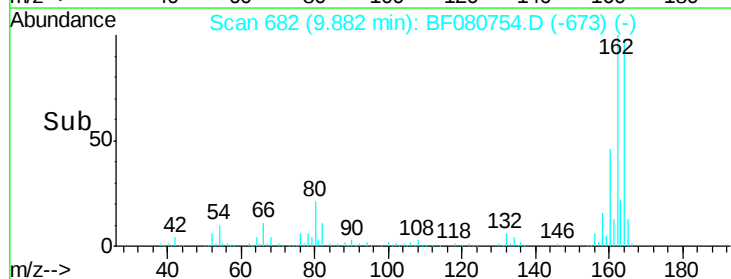
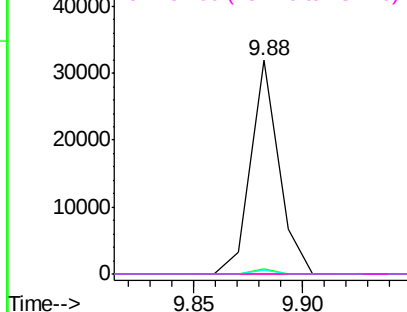


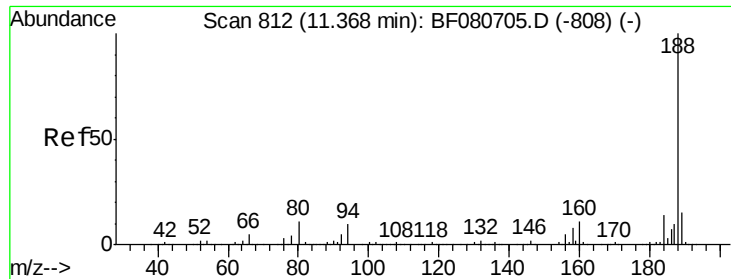
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080754.D
Acq: 1 Aug 2015 1:32

Tgt Ion:165 Resp: 28760
Ion Ratio Lower Upper
165 100
63 2.3 46.7 70.1#
89 1.8 67.4 101.2#
182 0.0 1.8 2.6#



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

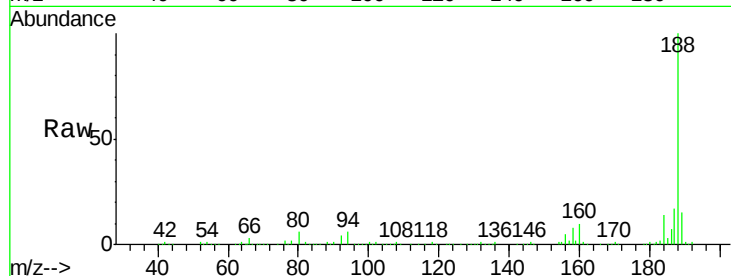




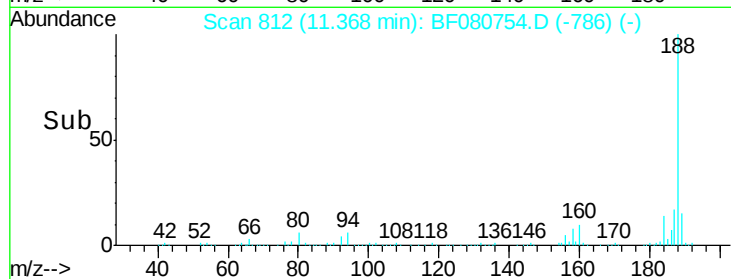
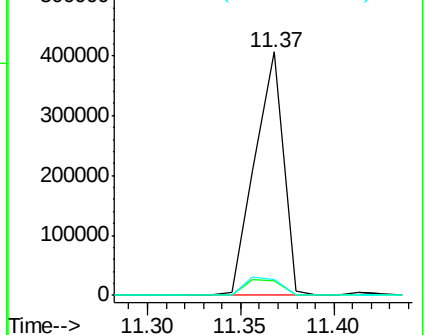
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080754.D
 Acq: 1 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-6(0-2)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.1	12.1#
80	6.5	9.1	13.7#



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: 4.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080754.D
 Acq: 1 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.2	78.4	117.6#
141	543.3	57.5	86.3#

Ref

Raw

Sub