

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085402.D
 Acq On : 12 Mar 2016 6:39
 Operator : UM/SJ
 Sample : H1754-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-08(0.5-3.0)

Quant Time: Mar 14 00:43:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148958	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	533344	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	223022	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	341762	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	280669	20.00	ng	-0.05
86) Perylene-d12	15.57	264	245286	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1118819	125.99	ng	-0.03
7) Phenol-d6	6.56	99	1353791	116.36	ng	-0.05
23) Nitrobenzene-d5	7.50	82	755337	75.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	209710	109.89	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1301669	88.76	ng	-0.05
78) Terphenyl-d14	13.05	244	818827	67.73	ng	-0.03

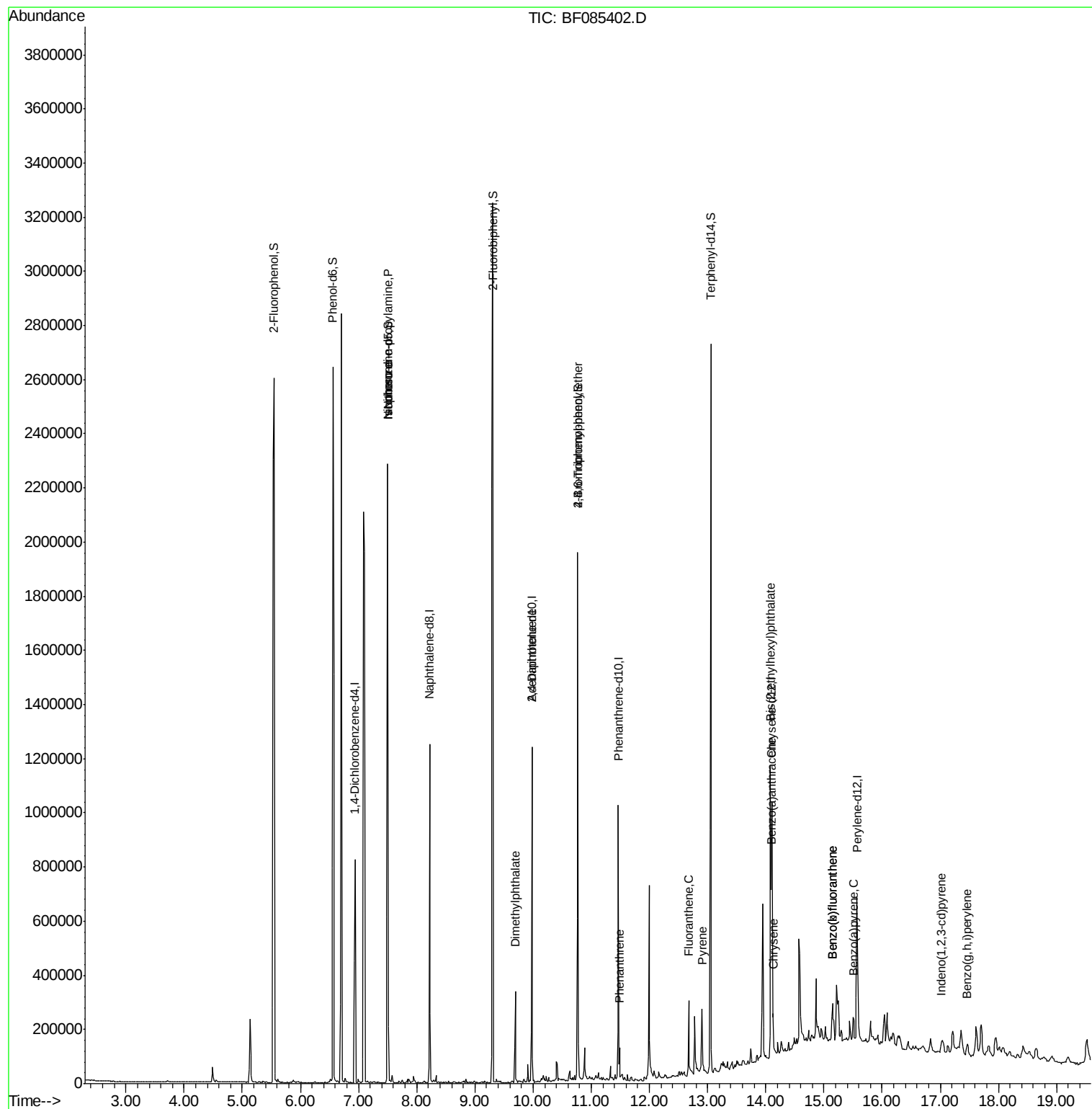
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	1108	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.50	70	101727	13.42 ng	#	78
25) Isophorone	7.50	82	599873	32.48 ng	#	67
49) Dimethylphthalate	9.69	163	147847	8.64 ng		98
56) 2,4-Dinitrotoluene	9.98	165	28732	6.13 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	15476	4.66 ng	#	1
70) Phenanthrene	11.49	178	38115	2.13 ng		97
74) Fluoranthene	12.68	202	96184	5.35 ng		98
77) Pyrene	12.91	202	89455	4.23 ng		97
80) Benzo(a)anthracene	14.09	228	63865	3.80 ng		95
82) Chrysene	14.13	228	44862	2.89 ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	304407	24.13 ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	27086	2.24 ng	#	85
87) Benzo(b)fluoranthene	15.15	252	98454	6.02 ng		97
88) Benzo(k)fluoranthene	15.15	252	98454	7.47 ng		96
89) Benzo(a)pyrene	15.51	252	49508	3.65 ng		97
91) Benzo(g,h,i)perylene	17.47	276	25640	2.20 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# 407

Delta R.T. -0.05 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-08(0.5-3.0)

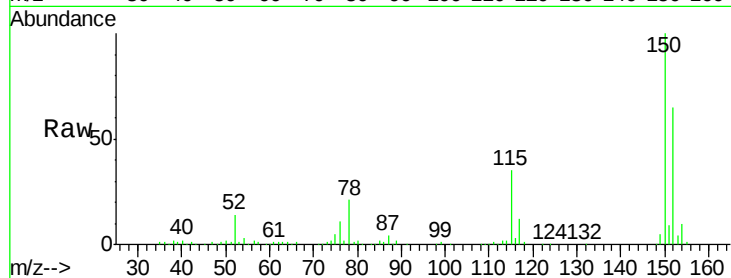
Tgt Ion:152 Resp: 148958

Ion Ratio Lower Upper

152 100

150 154.3 124.6 186.8

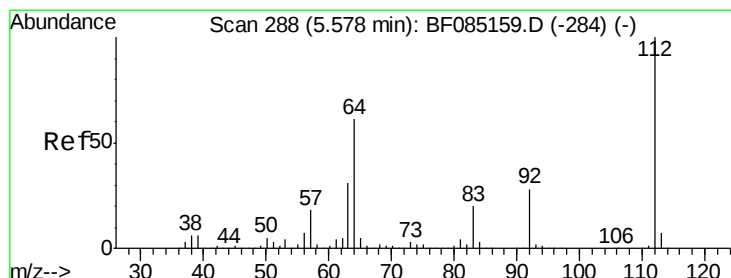
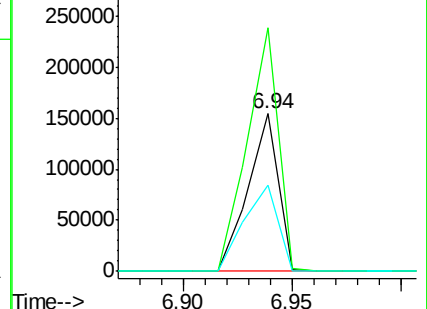
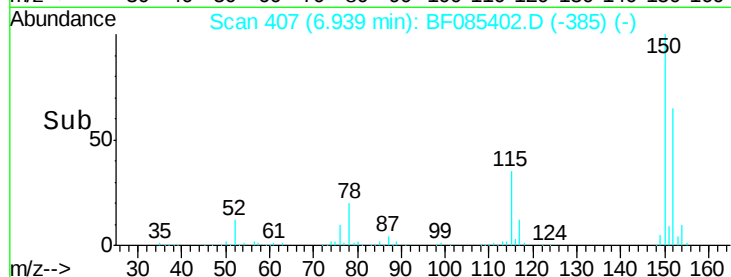
115 54.2 46.6 70.0



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: 125.99 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

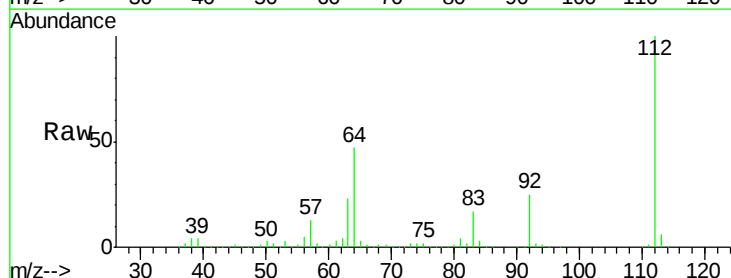
Tgt Ion:112 Resp: 1118819

Ion Ratio Lower Upper

112 100

64 46.5 49.0 73.4#

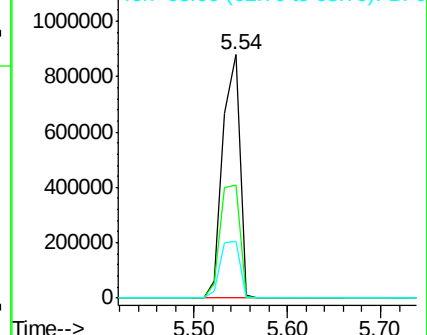
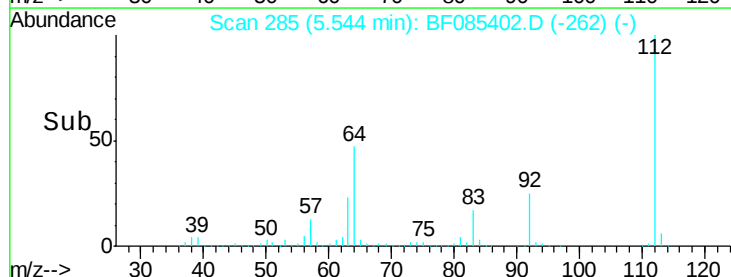
63 23.4 24.8 37.2#



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: 116.36 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-08(0.5-3.0)

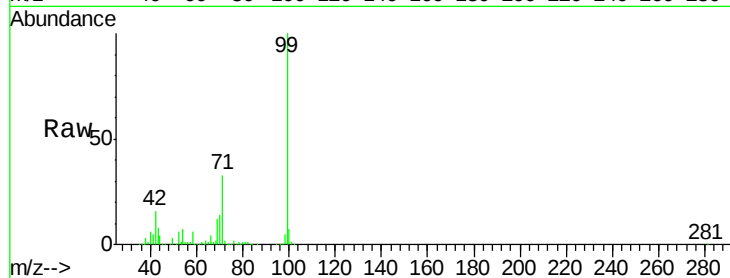
Tgt Ion: 99 Resp: 1353791

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

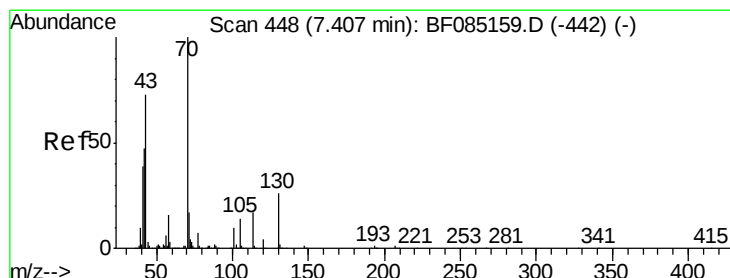
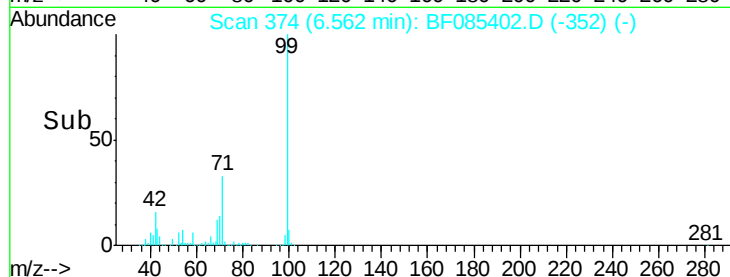
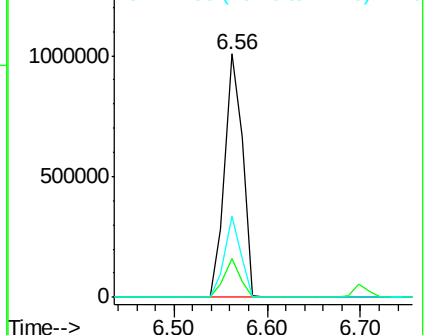
71 33.2 26.7 40.1



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: 13.42 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Tgt Ion: 70 Resp: 101727

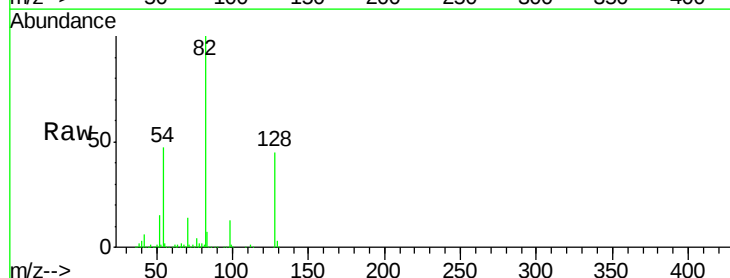
Ion Ratio Lower Upper

70 100

42 42.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

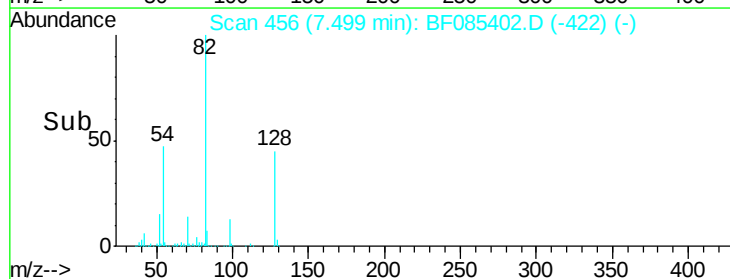
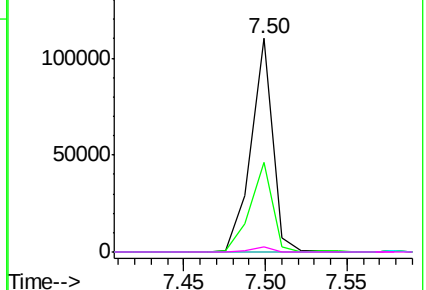


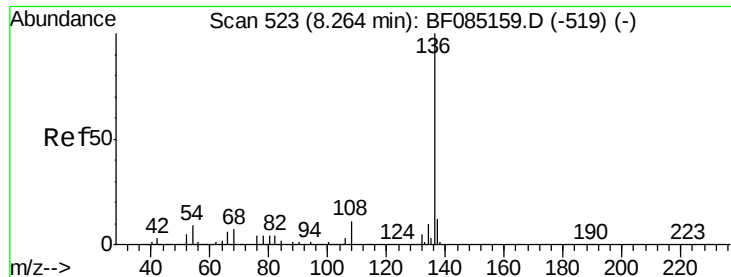
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

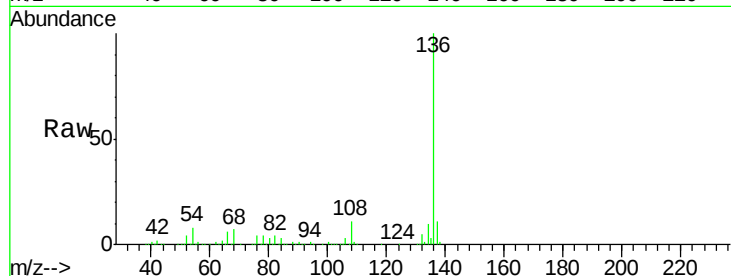




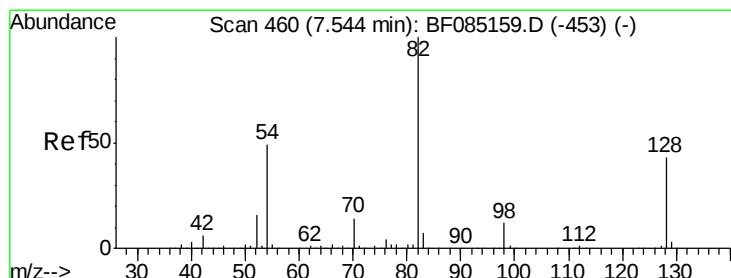
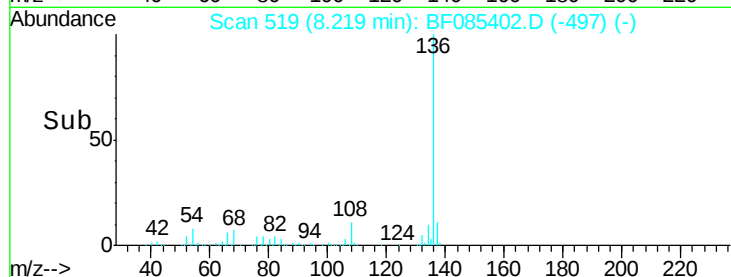
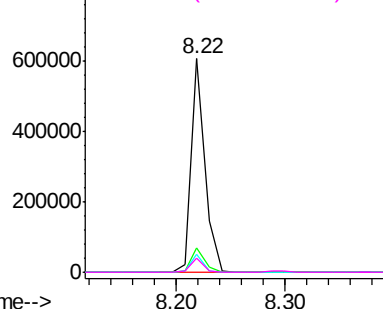
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085402.D
Acq: 12 Mar 2016 6:39

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-08(0.5-3.0)

Tgt Ion:	136	Resp:	533344
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	7.4	11.2
68	6.7	6.0	9.0

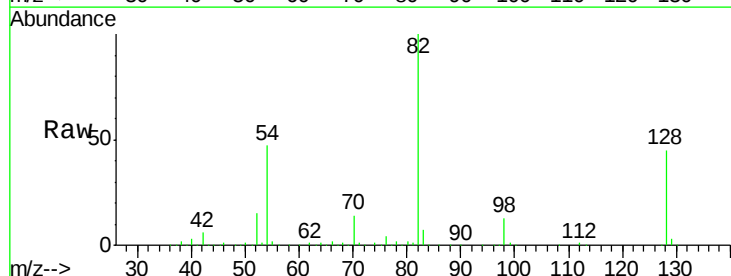


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

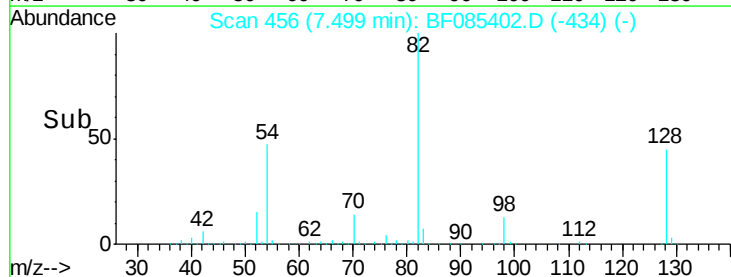
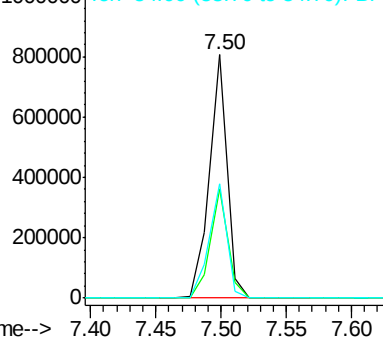


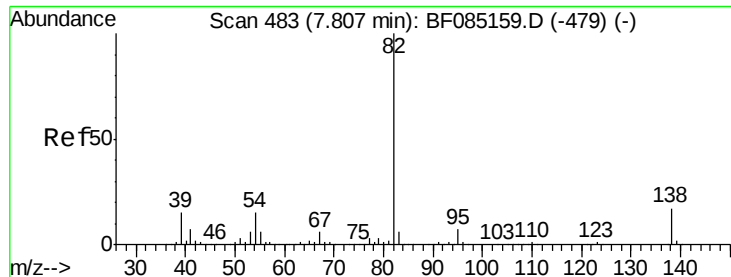
#23
Nitrobenzene-d5
Concen: 75.78 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085402.D
Acq: 12 Mar 2016 6:39

Tgt Ion:	82	Resp:	755337
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.5	51.7
54	47.1	39.3	58.9



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: 32.48 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-08(0.5-3.0)

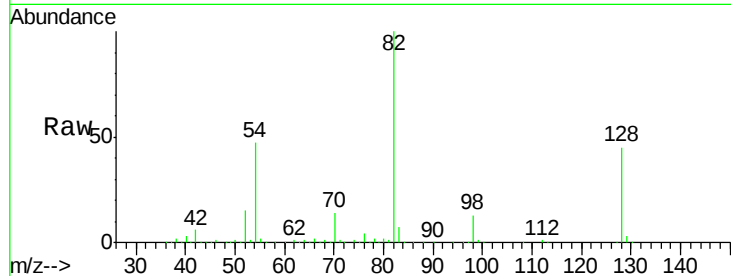
Tgt Ion: 82 Resp: 599873

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

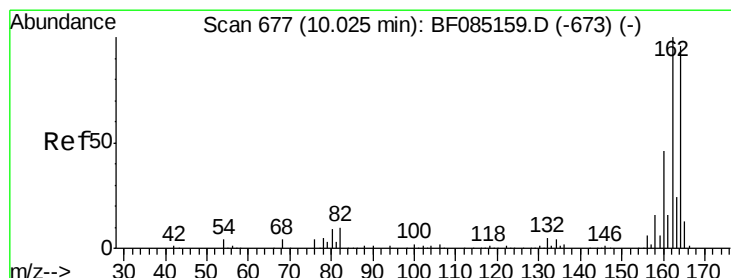
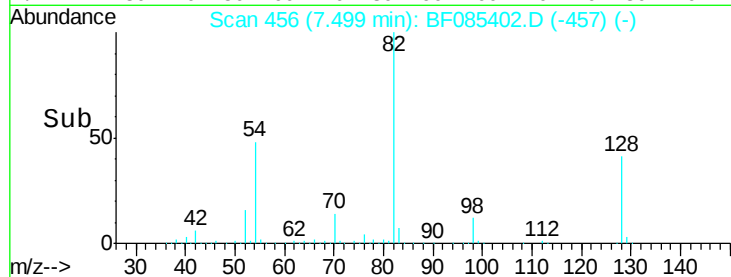
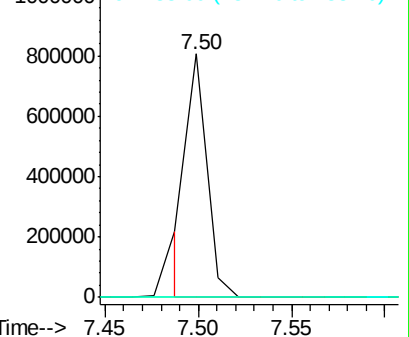
138 0.0 13.3 19.9#



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: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

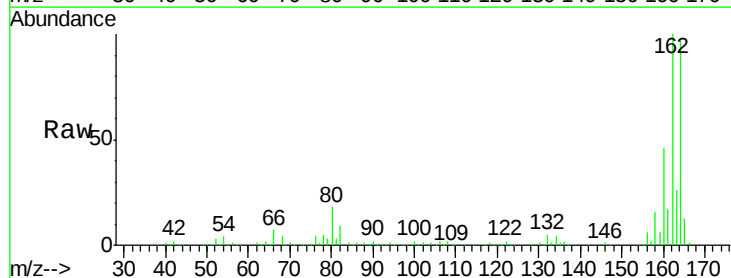
Tgt Ion: 164 Resp: 223022

Ion Ratio Lower Upper

164 100

162 102.7 83.3 124.9

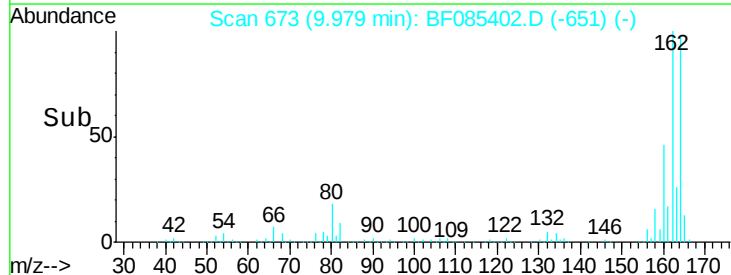
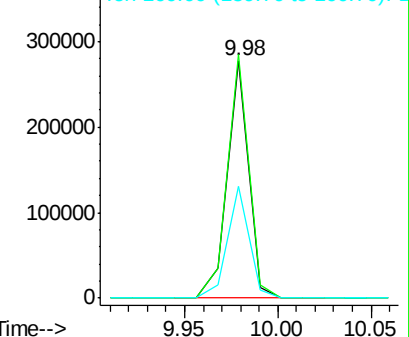
160 47.0 37.9 56.9

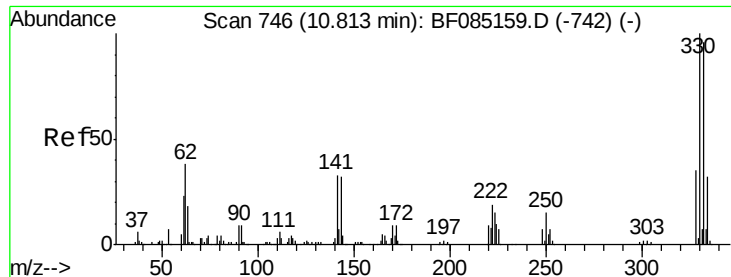


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

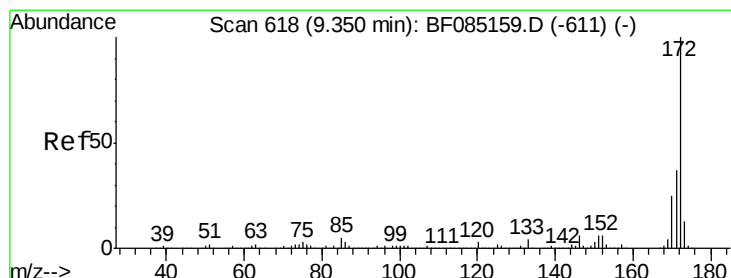
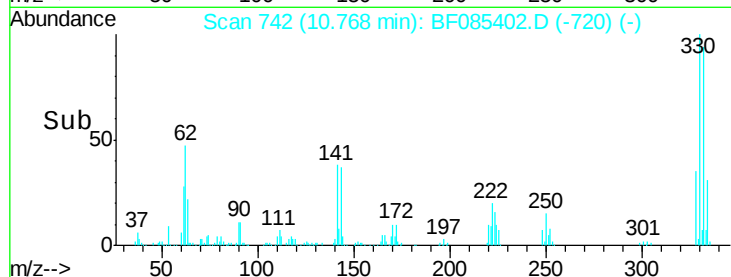
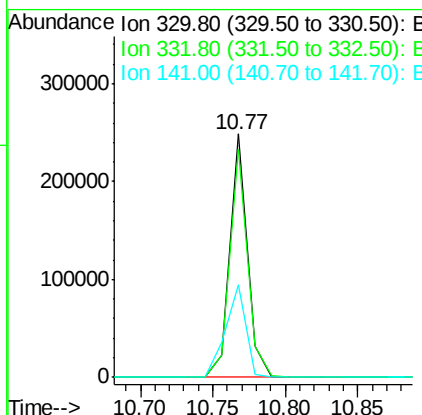
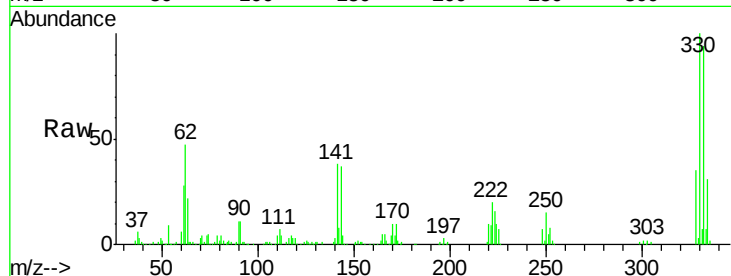




#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085402.D
 Acq: 12 Mar 2016 6:39

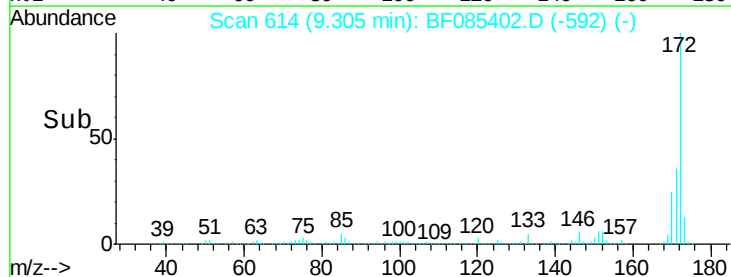
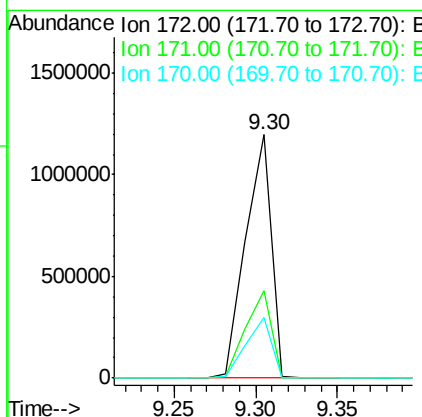
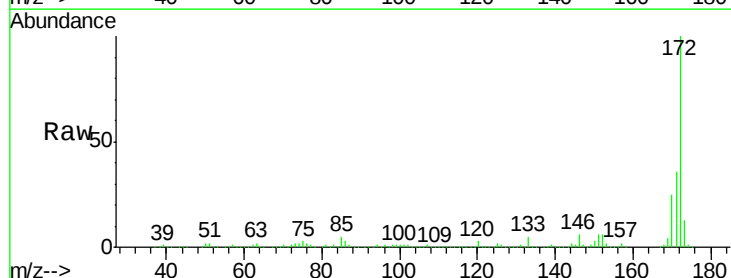
Instrument :
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 ClientSampleId :
 W170TH-SB-08(0.5-3.0)

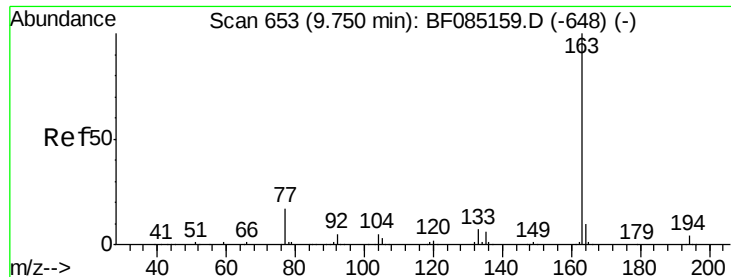
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	44.2	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 88.76 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085402.D
 Acq: 12 Mar 2016 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	24.8	20.0	30.0





#49

Dimethylphthalate

Concen: 8.64 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-08(0.5-3.0)

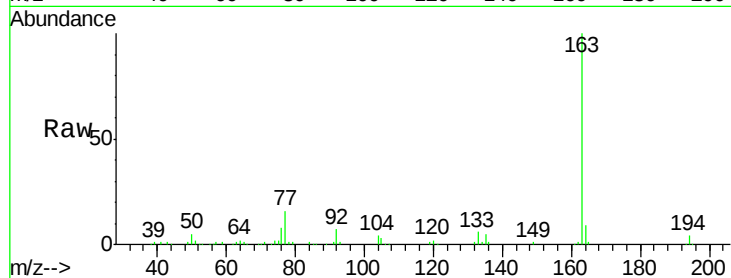
Tgt Ion:163 Resp: 147847

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

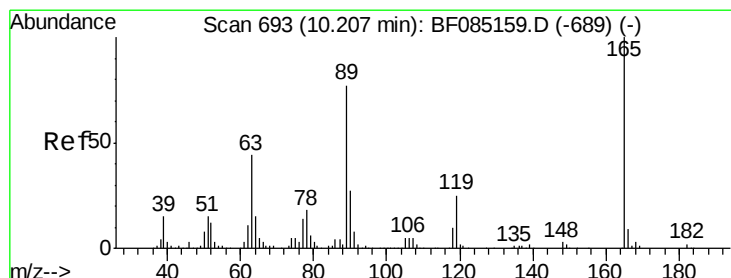
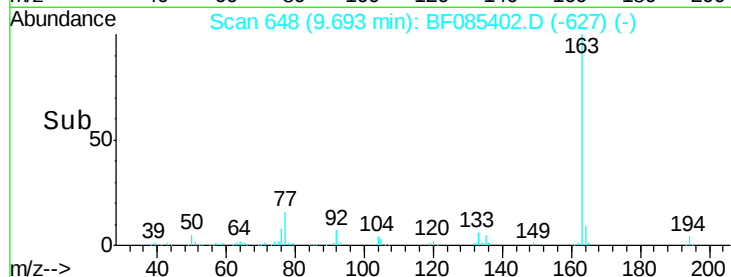
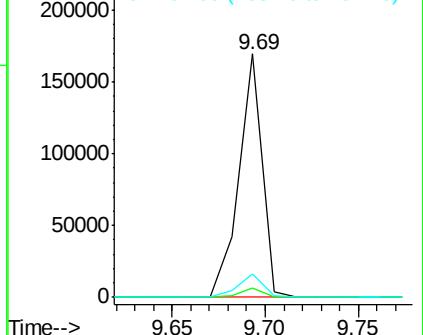
164 9.4 8.2 12.4



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: 6.13 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085402.D

Acq: 12 Mar 2016 6:39

Tgt Ion:165 Resp: 28732

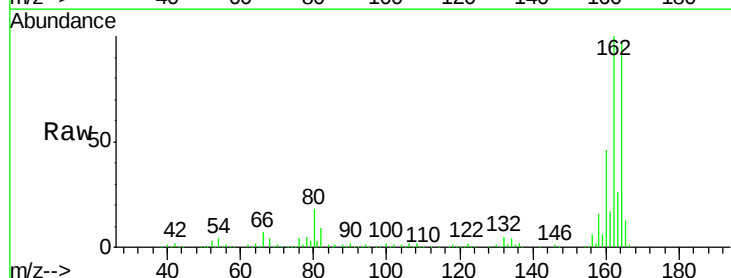
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.7 61.9 92.9#

182 0.0 1.9 2.9#

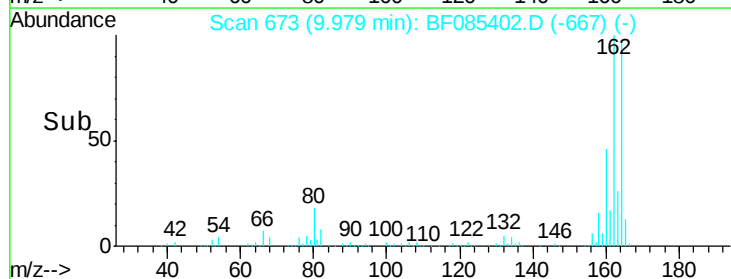
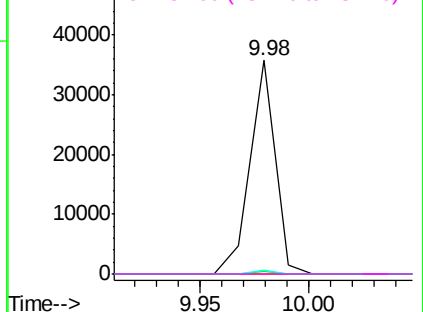


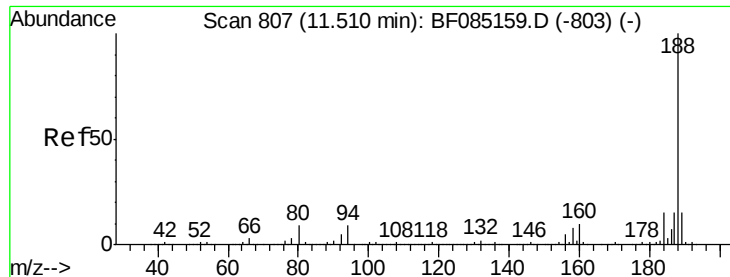
Abundance Ion 165.00 (164.70 to 165.70): E

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

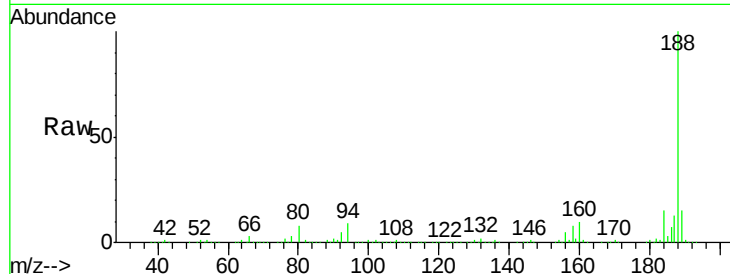




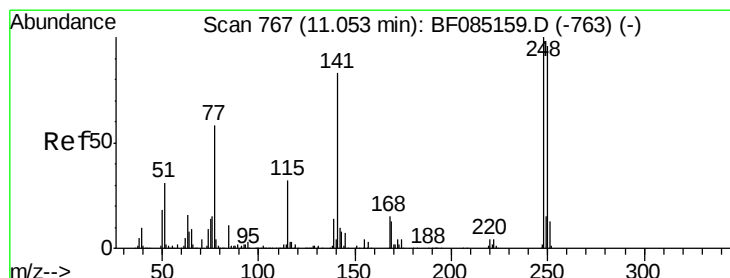
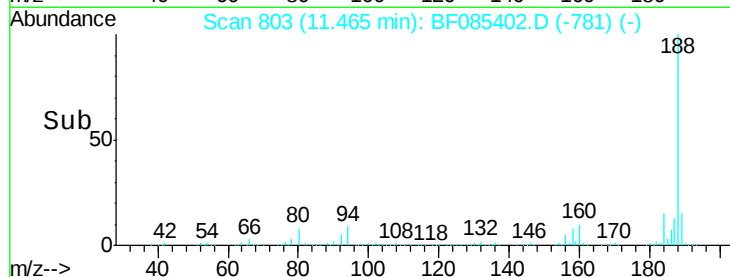
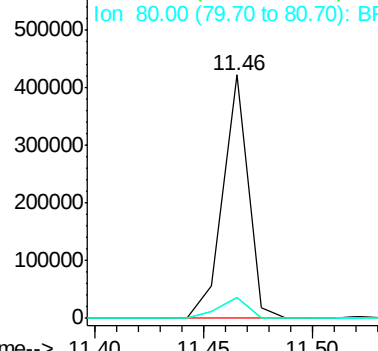
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085402.D
Acq: 12 Mar 2016 6:39

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-08(0.5-3.0)

Tgt Ion:188 Resp: 341762
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.4 7.4 11.0

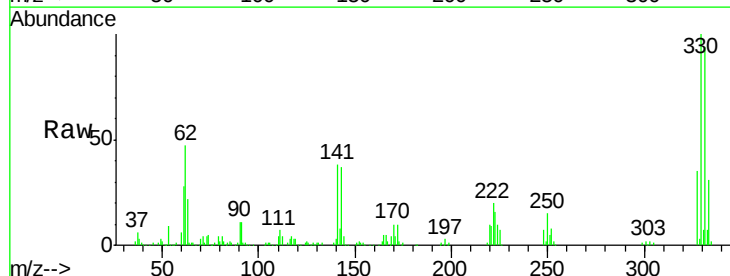


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085402.D
Acq: 12 Mar 2016 6:39

Tgt Ion:248 Resp: 15476
Ion Ratio Lower Upper
248 100
250 203.1 77.1 115.7#
141 516.6 66.2 99.2#



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

