

Data Path : Z:\HPCHEM1\BNA_F\Data\BF092815\
 Data File : BF081873.D
 Acq On : 29 Sep 2015 8:35
 Operator : UM/IZ
 Sample : G3717-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Quant Time: Sep 29 13:23:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	103512	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	414610	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	193624	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	364963	20.00	ng	0.00
75) Chrysene-d12	14.12	240	348183	20.00	ng	0.00
86) Perylene-d12	15.58	264	269111	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	302270	53.01	ng	0.00
7) Phenol-d6	6.55	99	254176	35.42	ng	-0.01
23) Nitrobenzene-d5	7.50	82	644792	103.67	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	294498	150.18	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1269791	118.72	ng	0.00
78) Terphenyl-d14	13.05	244	1078314	107.90	ng	0.00

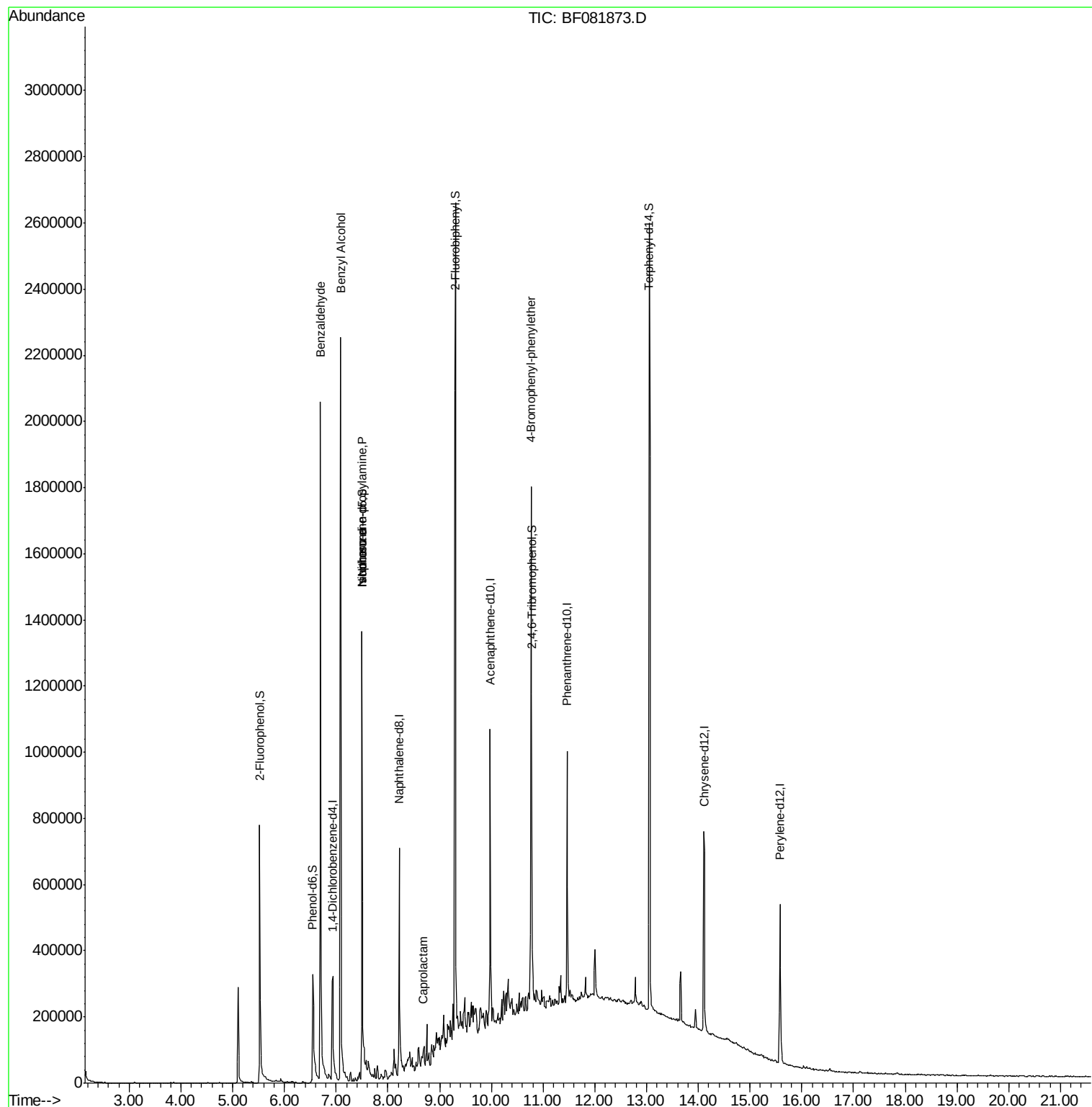
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	14486	3.08	ng	# 64
15) Benzyl Alcohol	7.09	79	10822	2.09	ng	# 31
19) n-Nitroso-di-n-propylamine	7.50	70	70578	16.18	ng	# 59
25) Isophorone	7.50	82	579493	47.01	ng	# 58
35) Caprolactam	8.69	113	3233	2.11	ng	# 11
57) Fluorene	10.54	166	1001	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.77	248	18392	5.00	ng	# 1
70) Phenanthrene	11.49	178	363	Below Cal		# 1
73) Di-n-butylphthalate	12.02	149	4236	Below Cal		# 50

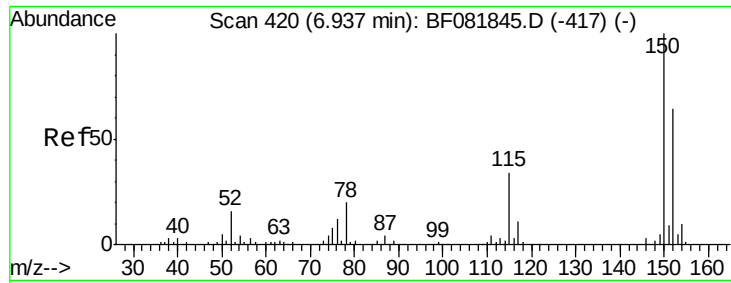
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

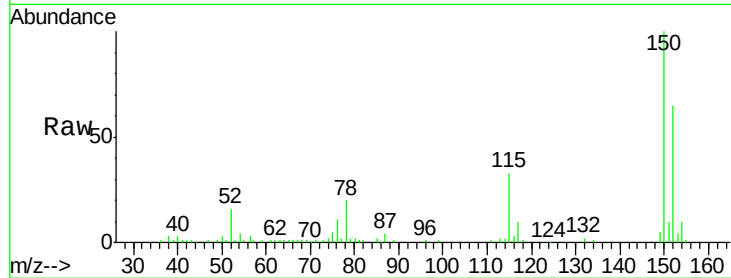
Tgt Ion:152 Resp: 103512

Ion Ratio Lower Upper

152 100

150 153.0 124.7 187.1

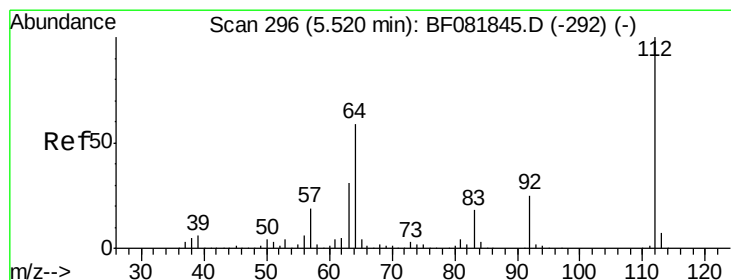
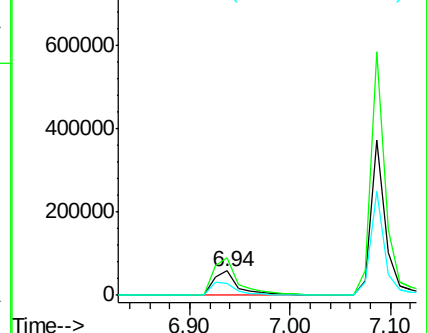
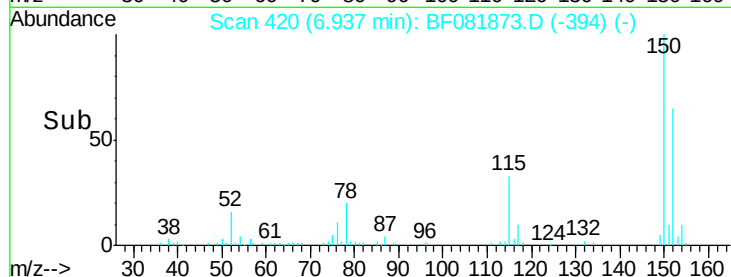
115 50.2 39.0 58.4



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: 53.01 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

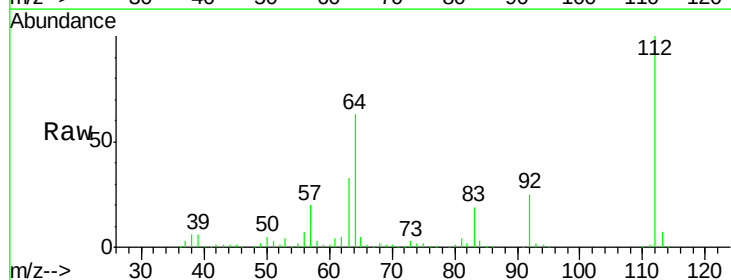
Tgt Ion:112 Resp: 302270

Ion Ratio Lower Upper

112 100

64 63.2 39.7 59.5#

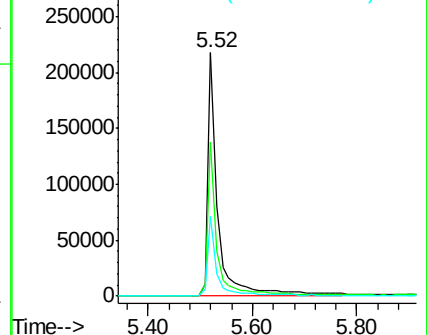
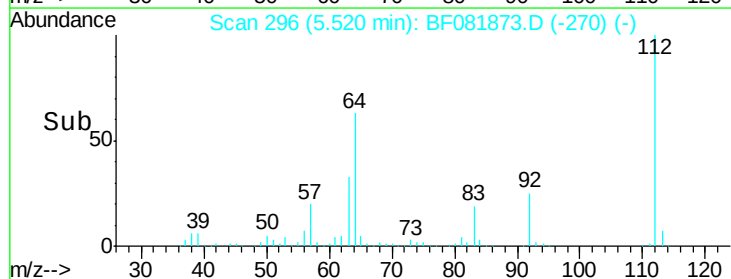
63 32.9 17.4 26.0#

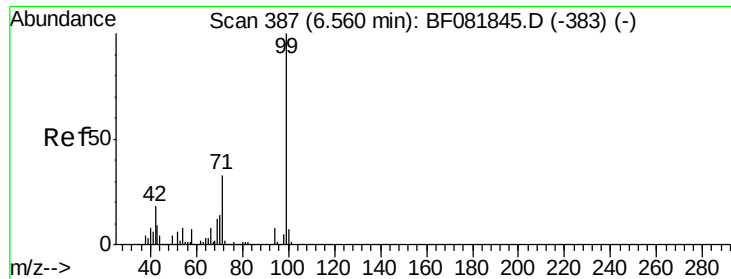


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.42 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

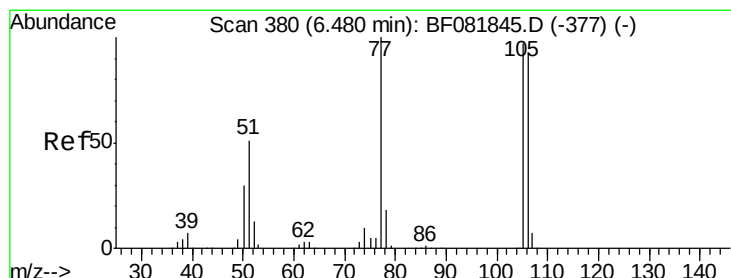
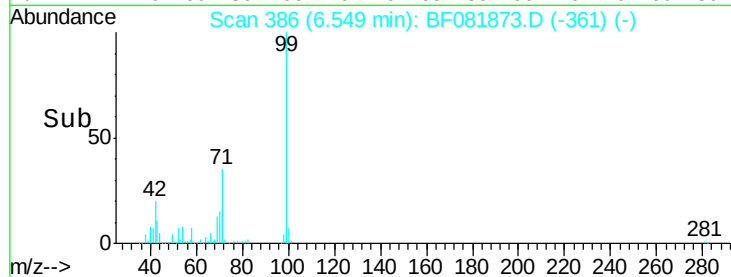
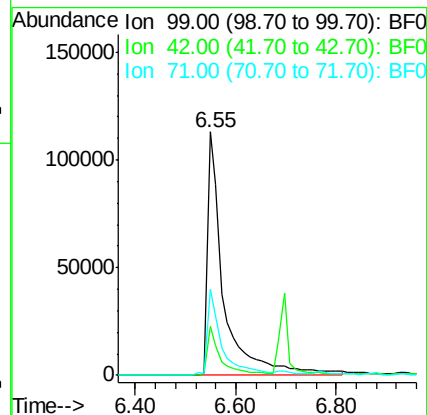
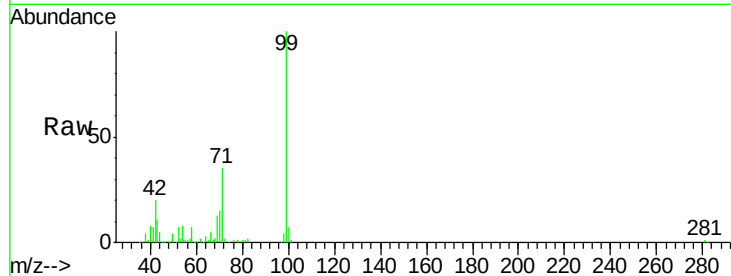
Tgt Ion: 99 Resp: 254176

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

71 35.4 14.2 21.2#



#9

Benzaldehyde

Concen: 3.08 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

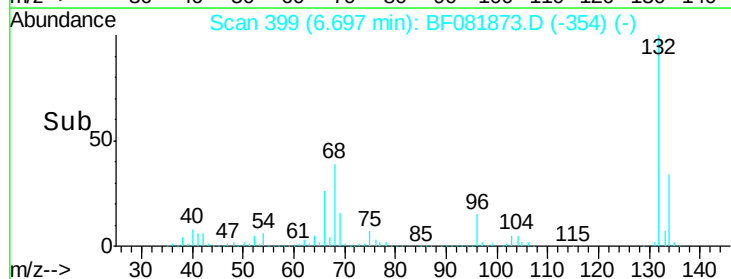
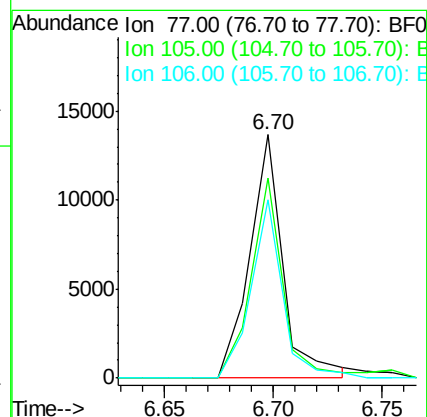
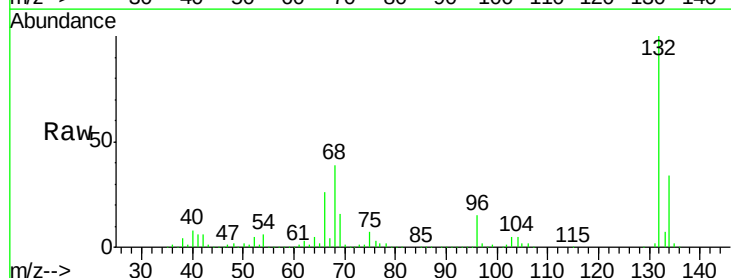
Tgt Ion: 77 Resp: 14486

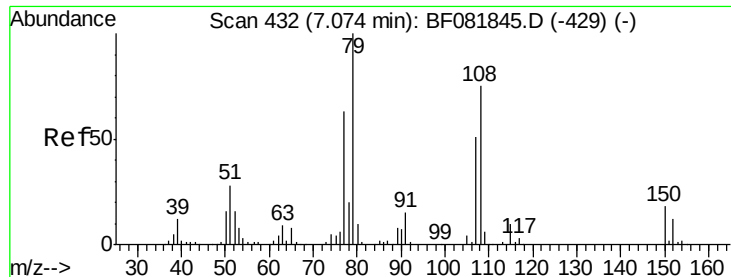
Ion Ratio Lower Upper

77 100

105 82.0 91.6 131.6#

106 73.2 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampled :

LIP-22-9-17-15

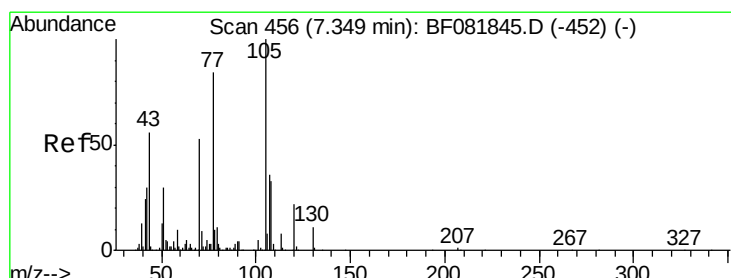
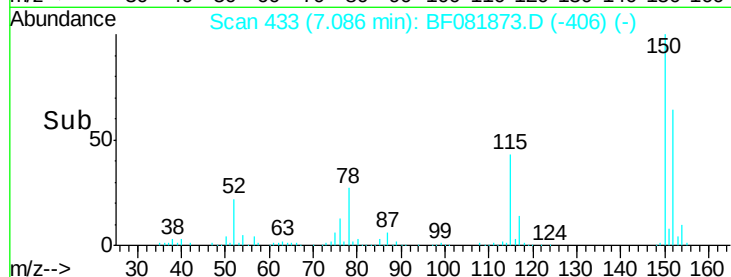
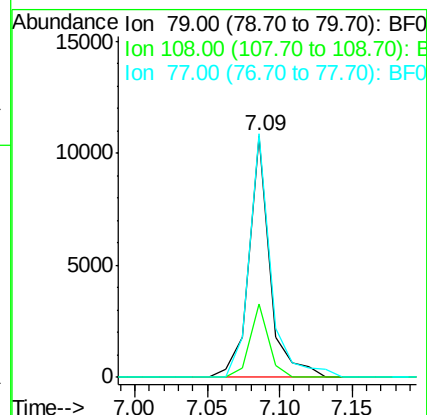
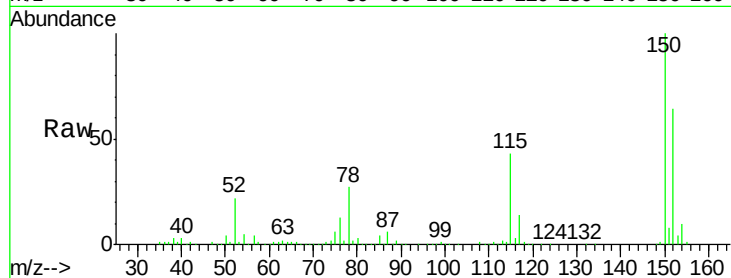
Tgt Ion: 79 Resp: 10822

Ion Ratio Lower Upper

79 100

108 30.5 88.6 132.8#

77 101.0 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 16.18 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.15 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Tgt Ion: 70 Resp: 70578

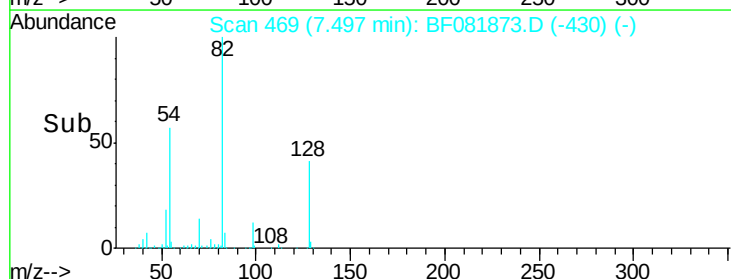
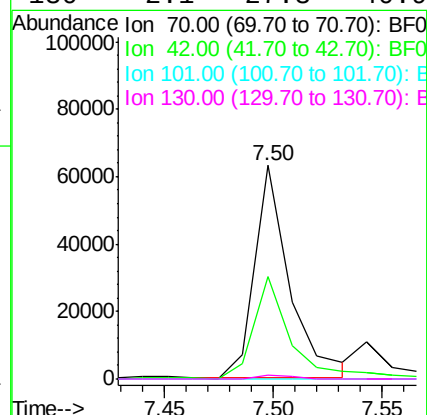
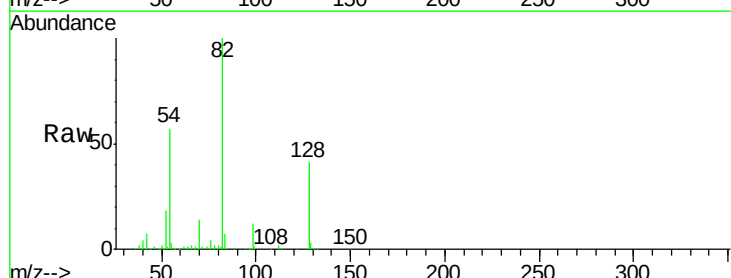
Ion Ratio Lower Upper

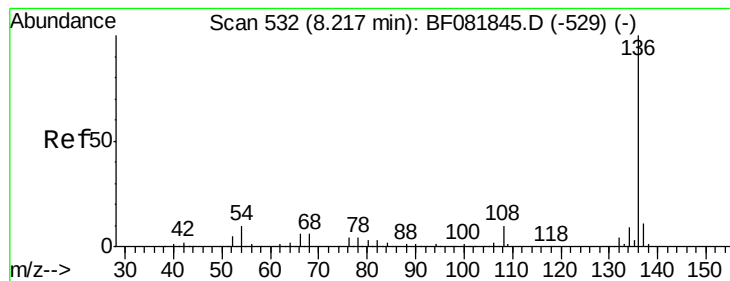
70 100

42 47.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

Tgt Ion: 136 Resp: 414610

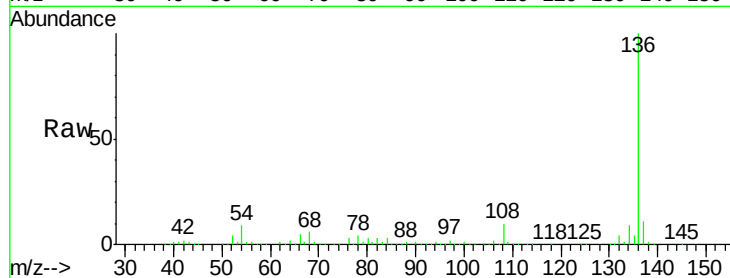
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.6 8.2 12.2

68 5.6 5.8 8.6#

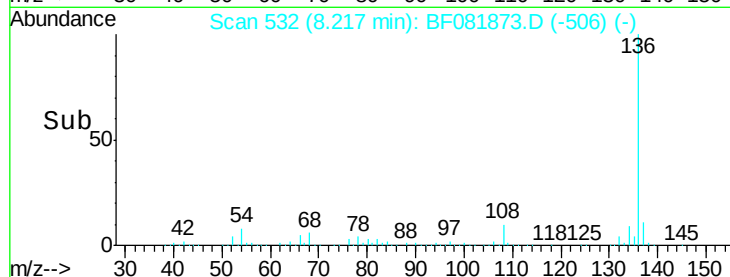


Abundance Ion 136.00 (135.70 to 136.70): E

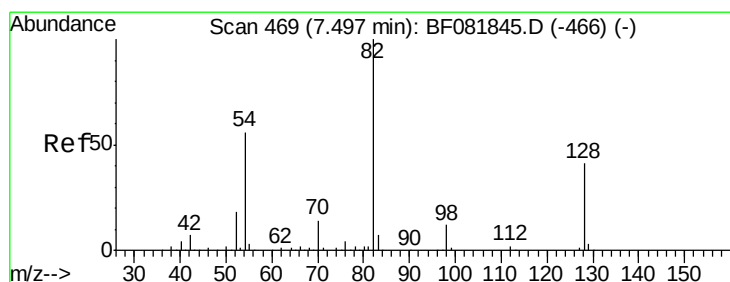
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 103.67 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

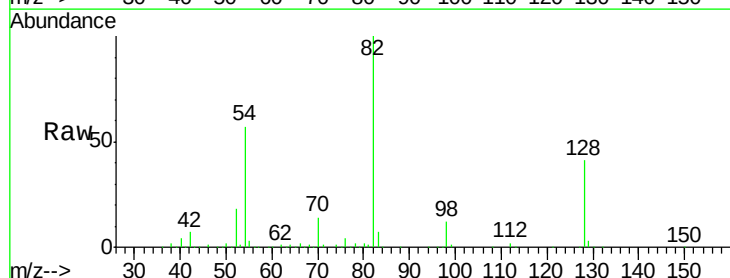
Tgt Ion: 82 Resp: 644792

Ion Ratio Lower Upper

82 100

128 41.2 51.0 76.6#

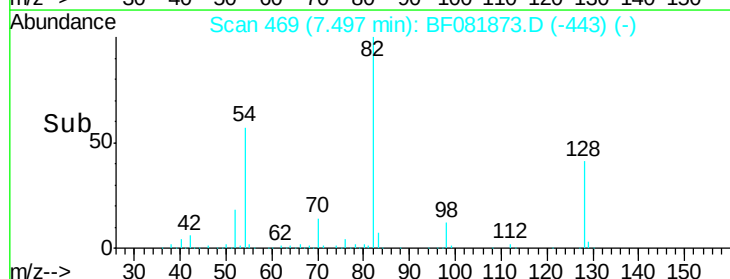
54 56.9 47.5 71.3



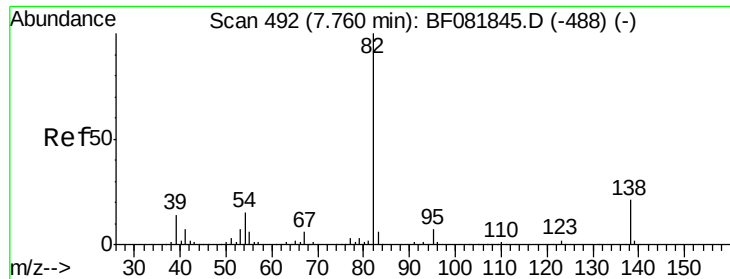
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 47.01 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

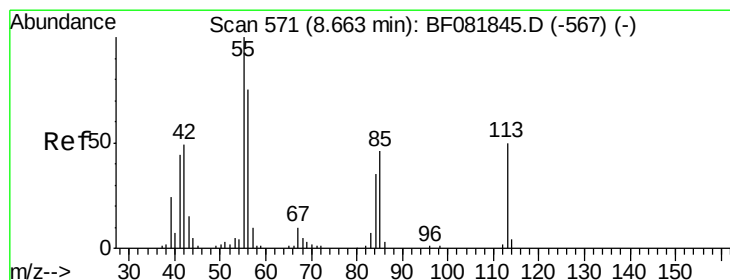
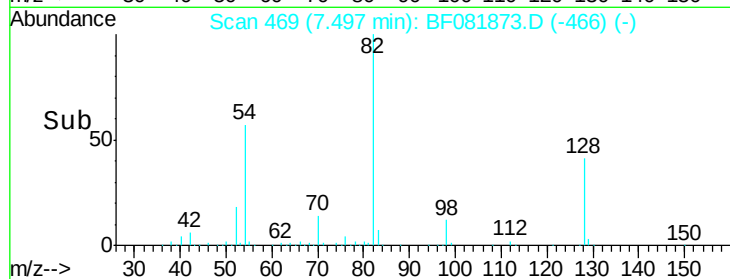
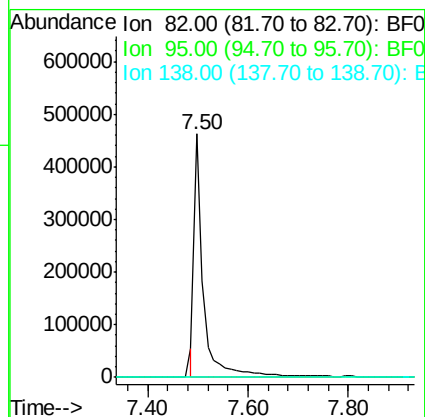
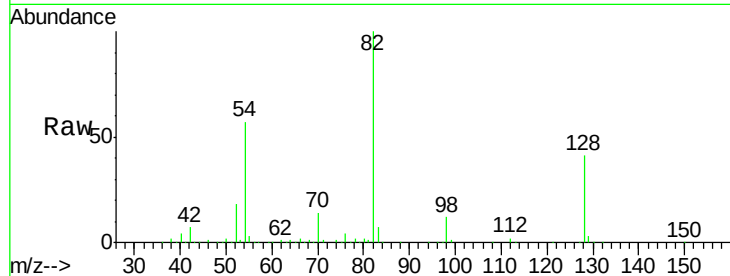
Tgt Ion: 82 Resp: 579493

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#35

Caprolactam

Concen: 2.11 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

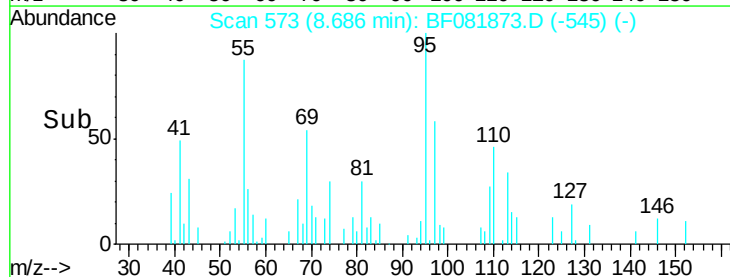
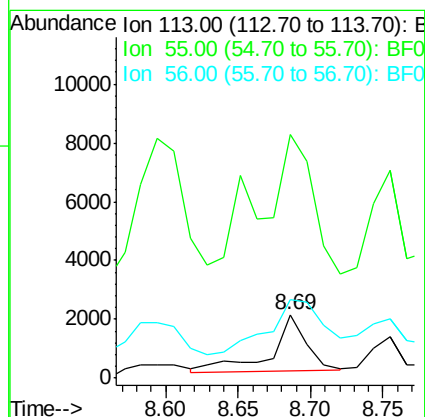
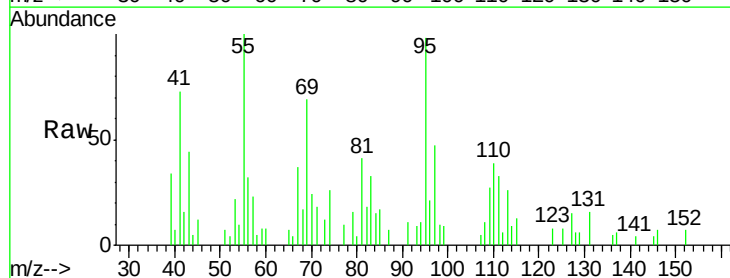
Tgt Ion: 113 Resp: 3233

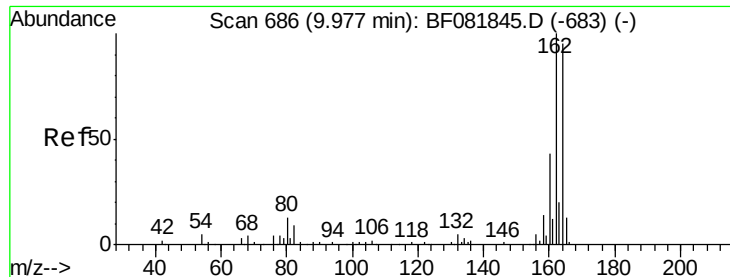
Ion Ratio Lower Upper

113 100

55 382.2 152.4 192.4#

56 122.7 104.6 144.6

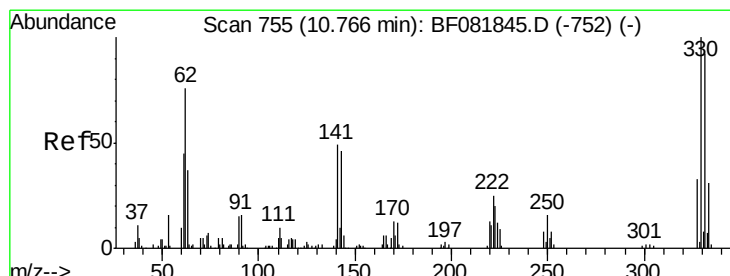
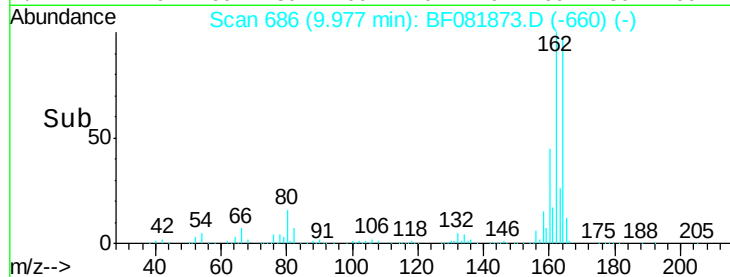
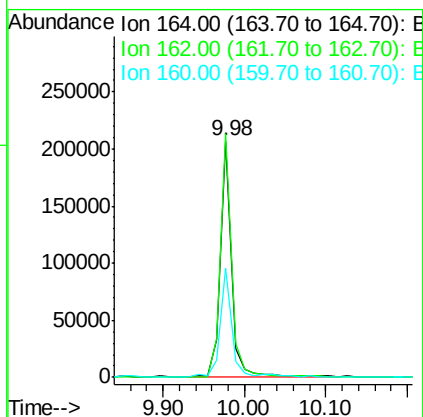
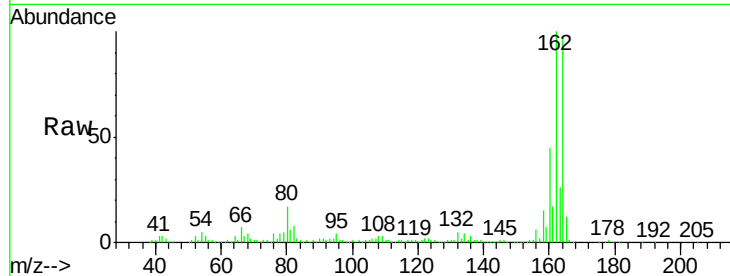




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

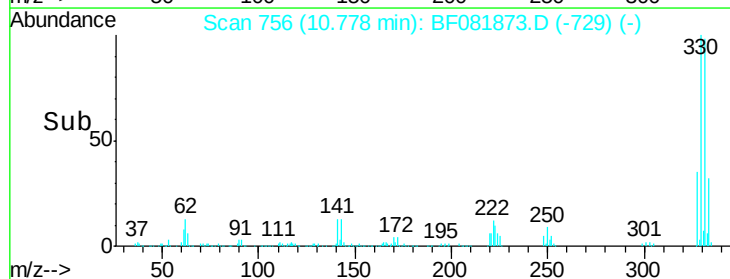
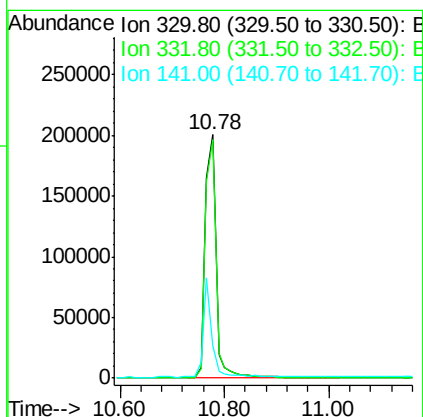
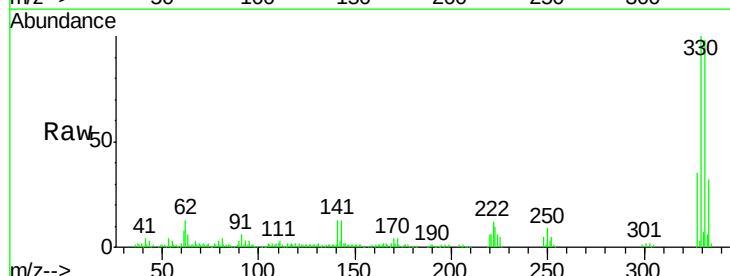
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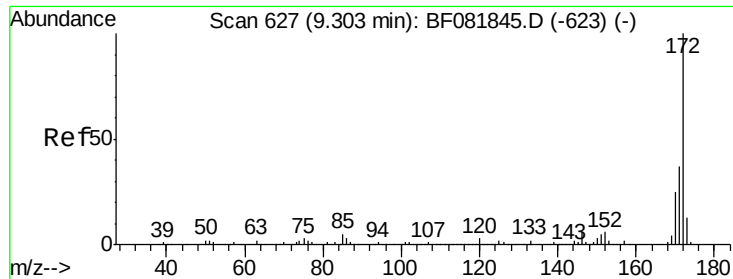
Tgt Ion:164 Resp: 193624
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.2 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 150.18 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion:330 Resp: 294498
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 32.6 29.7 44.5

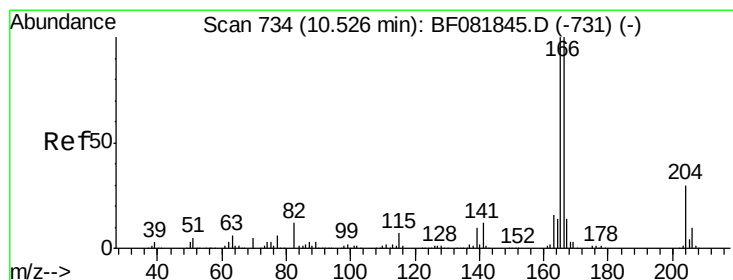
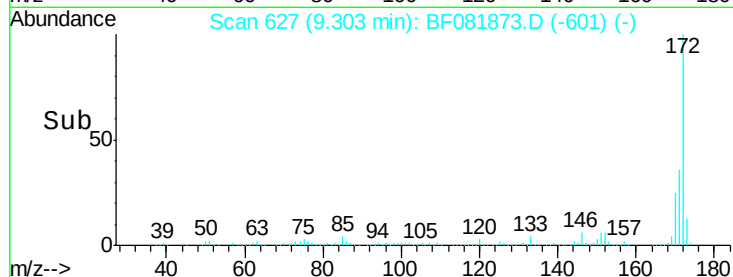
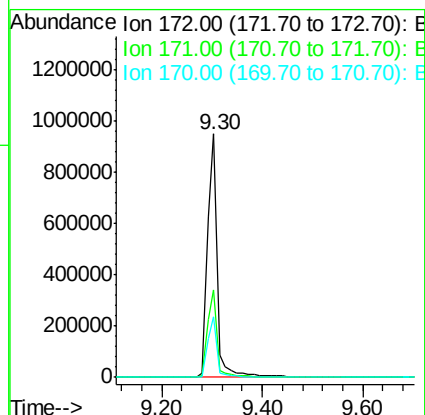
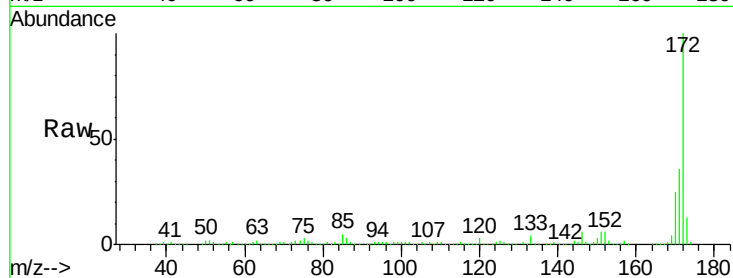




#44
 2-Fluorobiphenyl
 Concen: 118.72 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

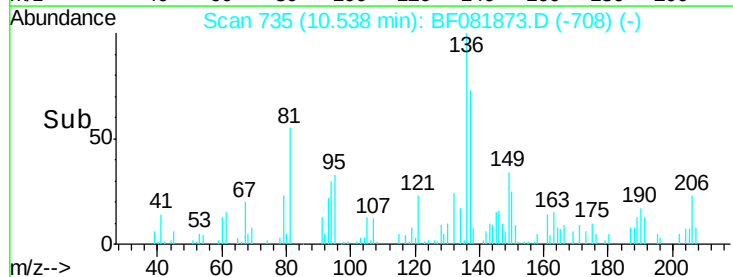
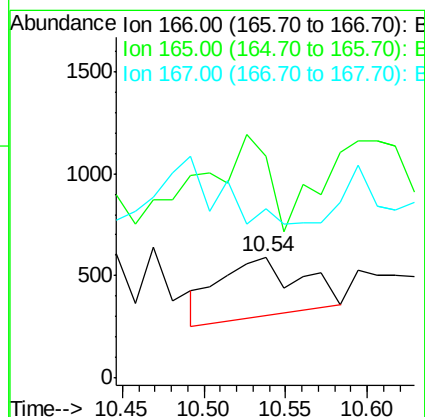
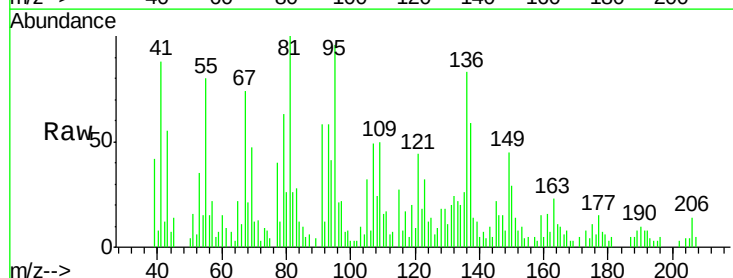
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

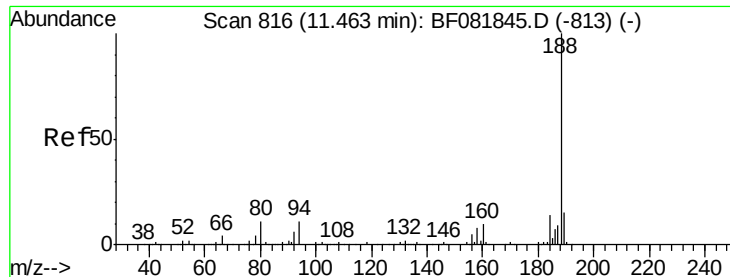
Tgt Ion:172 Resp: 1269791
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.8 17.4 26.2



#57
 Fluorene
 Concen: Below Cal
 RT: 10.54 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion:166 Resp: 1001
 Ion Ratio Lower Upper
 166 100
 165 183.8 72.6 109.0#
 167 140.2 10.6 16.0#

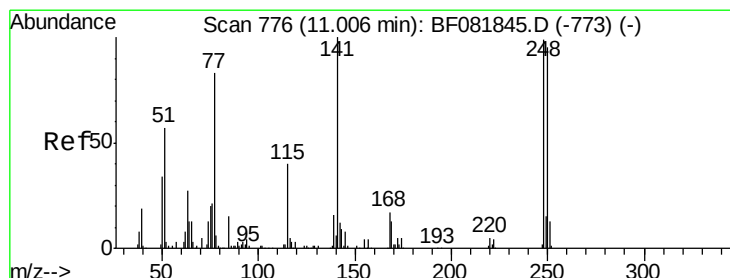
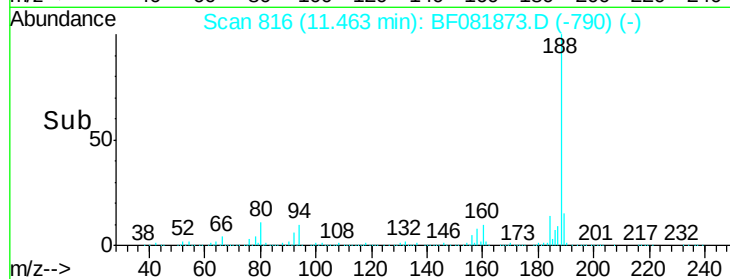
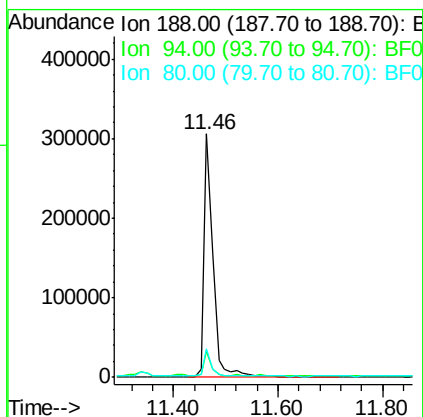
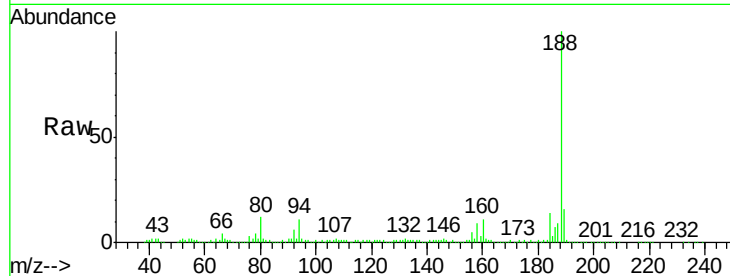




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

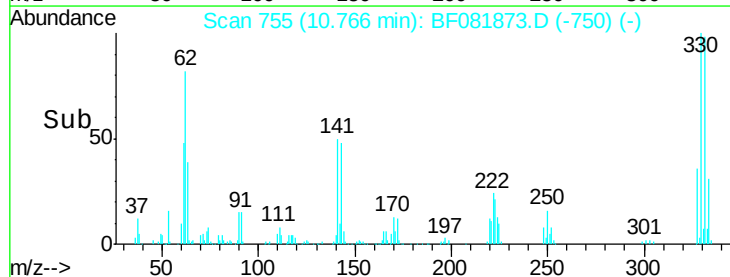
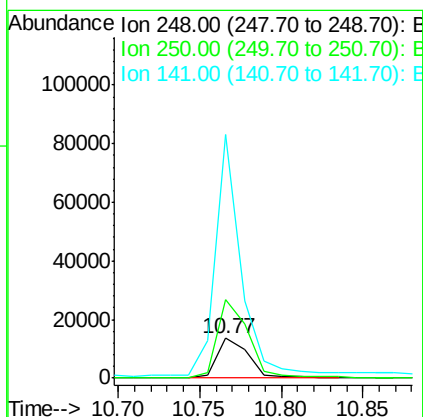
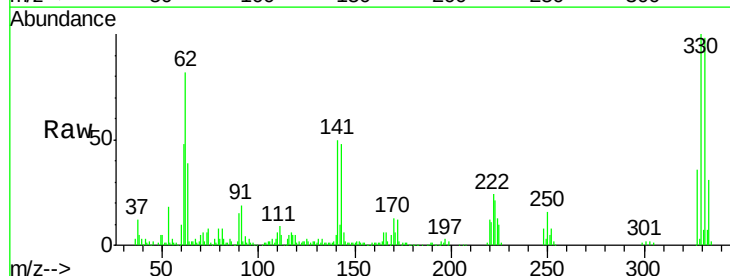
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

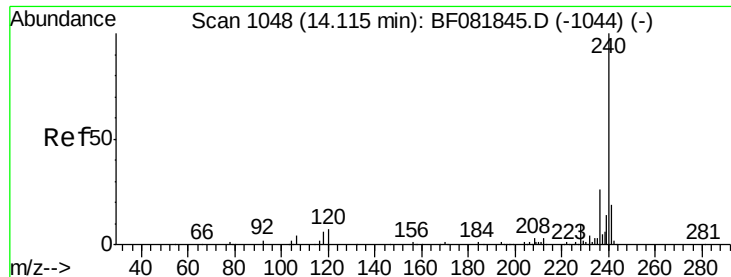
Tgt Ion:188 Resp: 364963
 Ion Ratio Lower Upper
 188 100
 94 10.9 11.1 16.7#
 80 11.6 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 5.00 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.24 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion:248 Resp: 18392
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.5 117.7#
 141 612.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

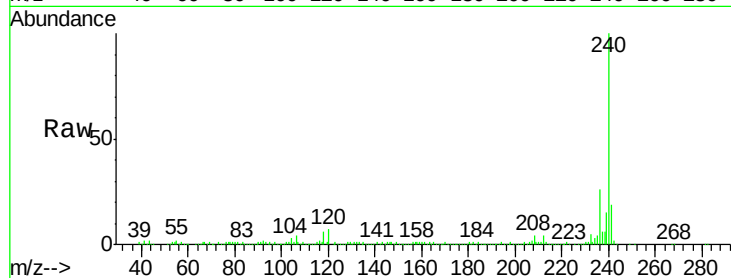
Tgt Ion:240 Resp: 348183

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

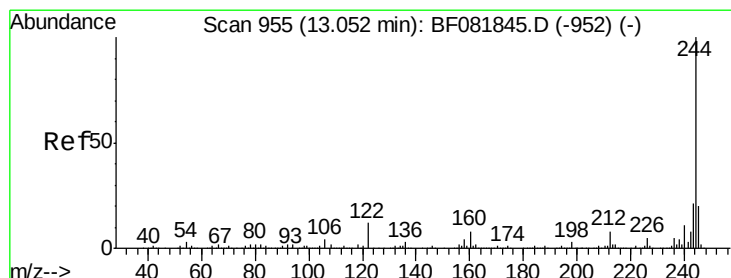
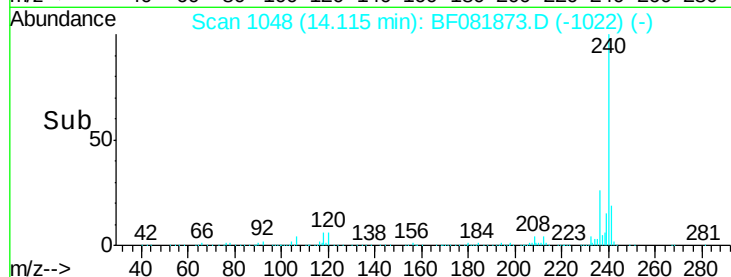
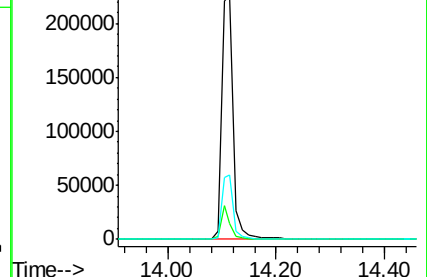
236 26.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 107.90 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

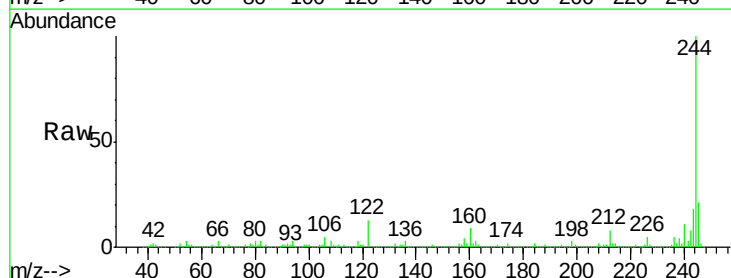
Tgt Ion:244 Resp: 1078314

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

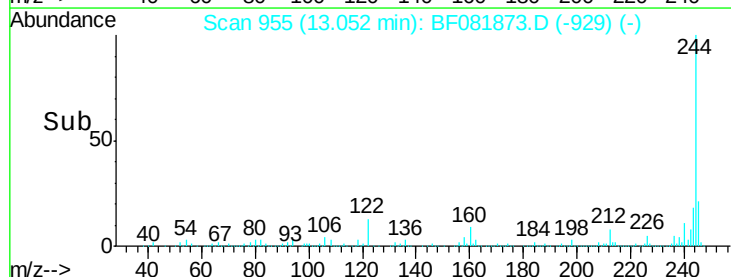
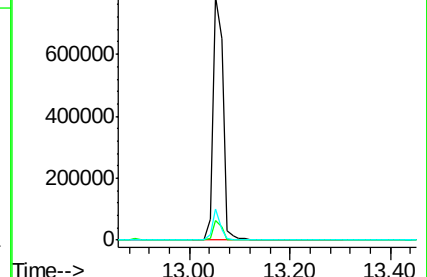
122 12.9 17.4 26.2#

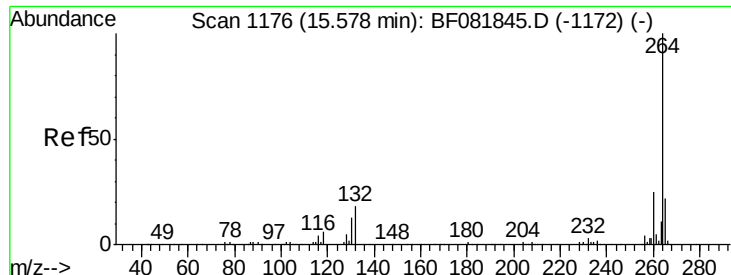


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

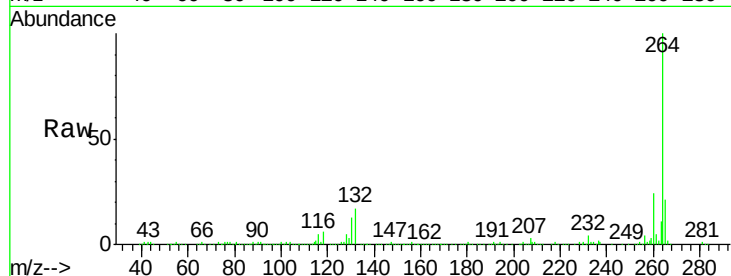




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081873.D
Acq: 29 Sep 2015 8:35

Instrument :
BNA_F
ClientSampleId :
LIP-22-9-17-15

Tgt Ion: 264 Resp: 269111
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 21.2 17.2 25.8



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

