

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081937.D
 Acq On : 1 Oct 2015 14:08
 Operator : UM/IZ
 Sample : PB85643BL
 Misc : LOD/LOQ
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Quant Time: Oct 02 01:37:52 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	6.89	152	110929	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	448919	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	220276	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	443148	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	446308	20.00	ng	-0.06
86) Perylene-d12	15.50	264	337618	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	662915	108.48	ng	-0.02
7) Phenol-d6	6.53	99	955046	124.20	ng	-0.03
23) Nitrobenzene-d5	7.46	82	584666	86.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	264878	118.73	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1141521	87.14	ng	-0.05
78) Terphenyl-d14	13.01	244	1200940	87.67	ng	-0.05

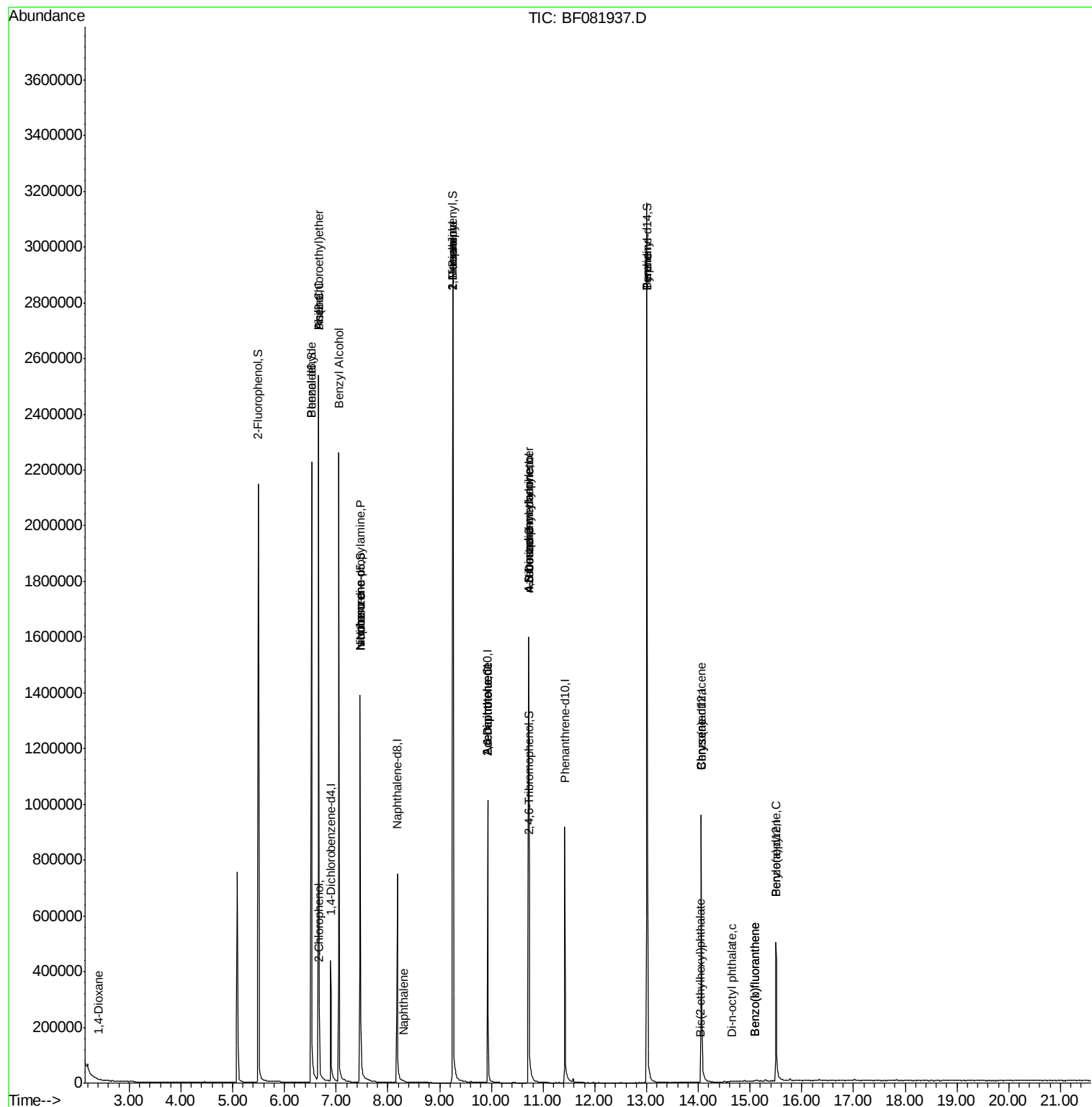
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	661	0.25	ng	# 11
6) Aniline	6.66	93	899	0.09	ng	# 1
8) 2-Chlorophenol	6.67	128	287	0.04	ng	# 1
9) Benzaldehyde	6.53	77	1120	0.22	ng	# 1
10) Phenol	6.66	94	1217	0.14	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	899	0.13	ng	# 1
15) Benzyl Alcohol	7.05	79	9248	1.67	ng	# 30
19) n-Nitroso-di-n-propylamine	7.46	70	71701	15.34	ng	# 58
24) Nitrobenzene	7.46	77	1245	0.17	ng	# 16
25) Isophorone	7.46	82	485354	36.36	ng	# 58
31) Naphthalene	8.30	128	300	0.02	ng	# 1
45) 1,1'-Biphenyl	9.26	154	1976	0.12	ng	# 1
47) 2-Nitroaniline	9.26	65	1611	0.41	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	26940	8.16	ng	# 39
51) Acenaphthene	9.93	154	508	0.04	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	27151	6.45	ng	# 33
57) Fluorene	10.72	166	9673	Below Cal		# 87
62) Azobenzene	10.72	77	850	0.06	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.72	198	331	1.36	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	7467	0.56	ng	# 47
66) 4-Bromophenyl-phenylether	10.72	248	16363	3.66	ng	# 1
73) Di-n-butylphthalate	11.98	149	940	Below Cal		# 78
76) Benzidine	13.01	184	14659	1.09	ng	# 92
77) Pyrene	13.01	202	3507	0.13	ng	# 61
80) Benzo(a)anthracene	14.06	228	2376	0.10	ng	# 56
82) Chrysene	14.06	228	2376	0.98	ng	# 56
83) Bis(2-ethylhexyl)phthalate	14.04	149	1061	0.08	ng	# 50
84) Di-n-octyl phthalate	14.64	149	527	0.03	ng	# 1
87) Benzo(b)fluoranthene	15.09	252	3248	0.17	ng	# 54
88) Benzo(k)fluoranthene	15.09	252	3248	0.18	ng	# 56
89) Benzo(a)pyrene	15.50	252	940	0.06	ng	# 54

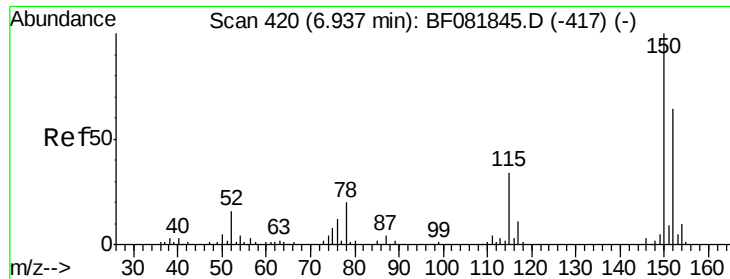
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

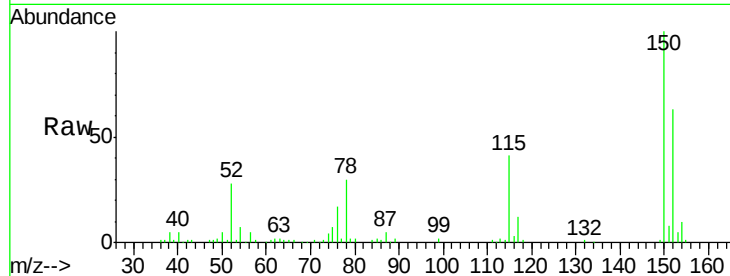
Tgt Ion:152 Resp: 110929

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

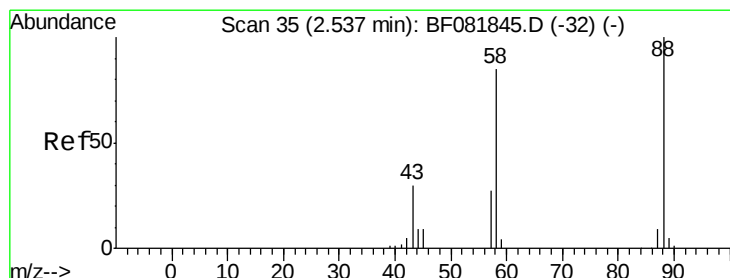
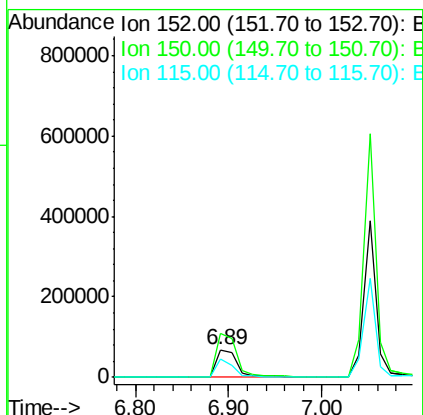
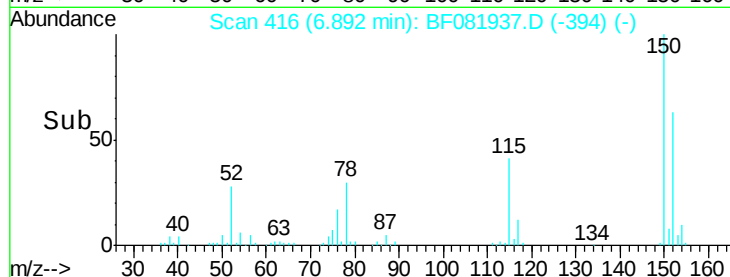
115 65.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 0.25 ng

RT: 2.41 min Scan# 24

Delta R.T. -0.13 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

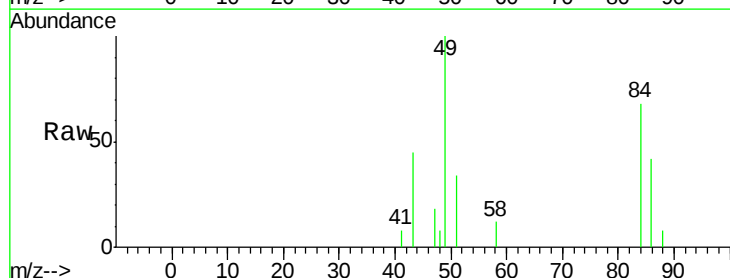
Tgt Ion: 88 Resp: 661

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

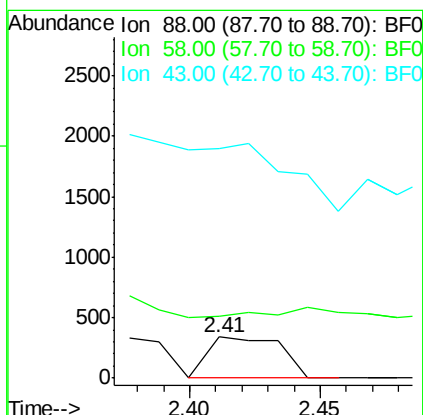
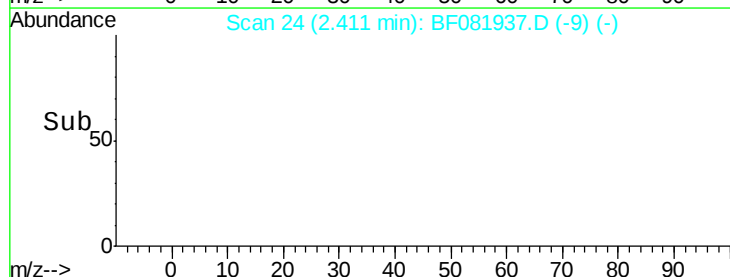
43 0.0 26.6 40.0#

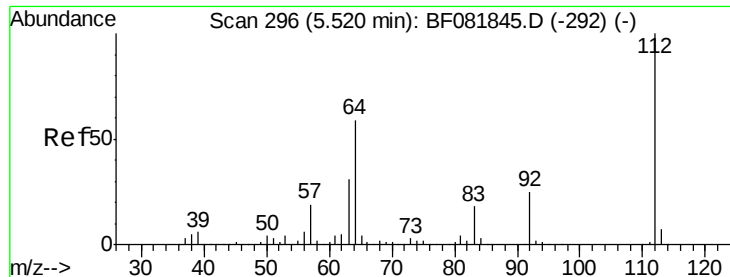


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 108.48 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

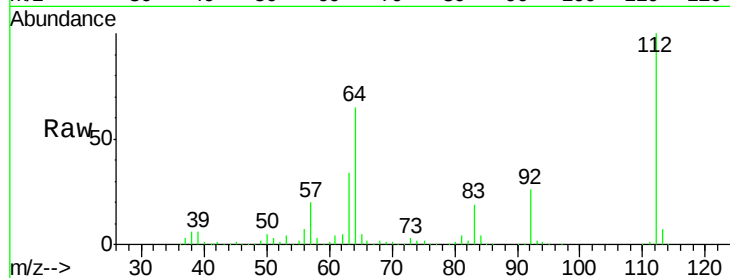
Tgt Ion: 112 Resp: 662915

Ion Ratio Lower Upper

112 100

64 64.7 39.7 59.5#

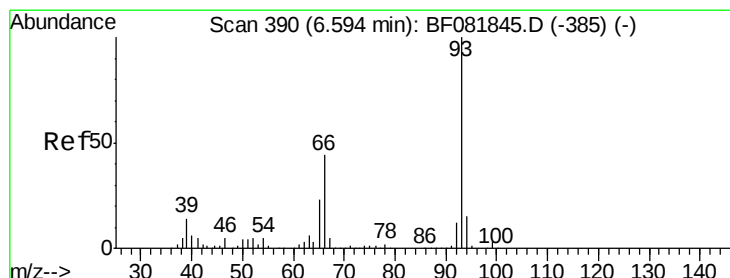
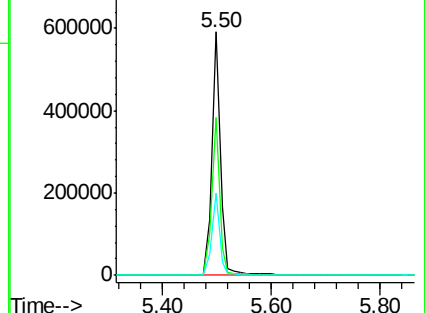
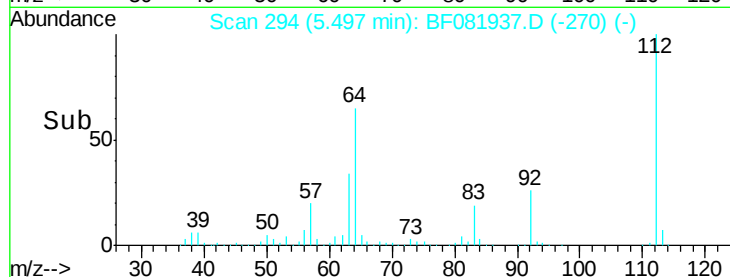
63 33.8 17.4 26.0#



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



#6

Aniline

Concen: 0.09 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

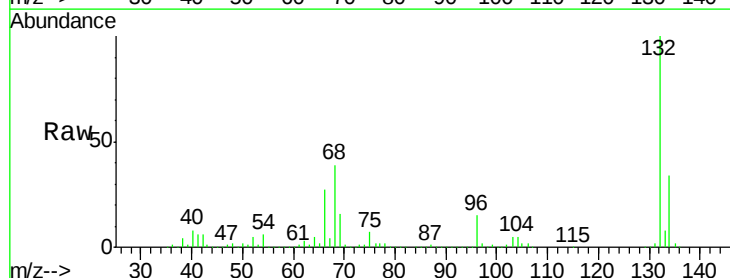
Tgt Ion: 93 Resp: 899

Ion Ratio Lower Upper

93 100

66 20469.4 27.2 40.8#

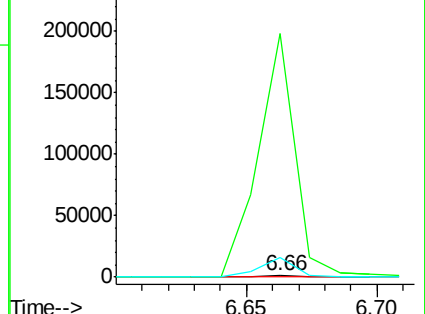
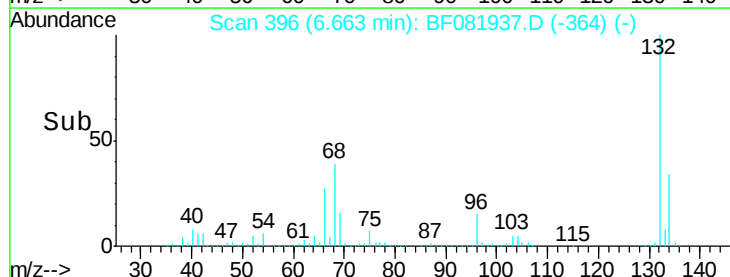
65 1681.2 14.7 22.1#

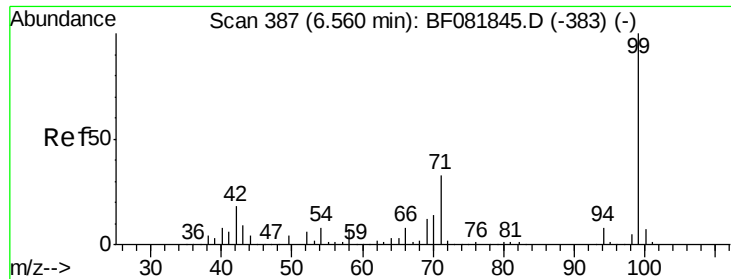


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampled :

PB85643BL

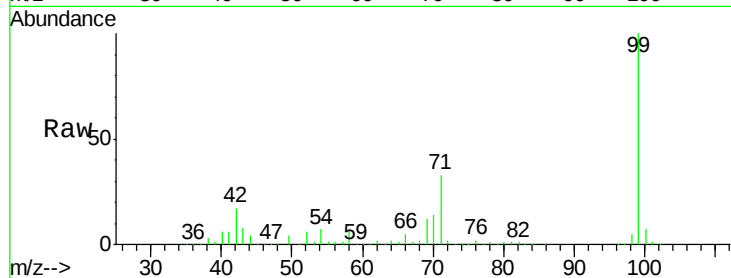
Tgt Ion: 99 Resp: 955046

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

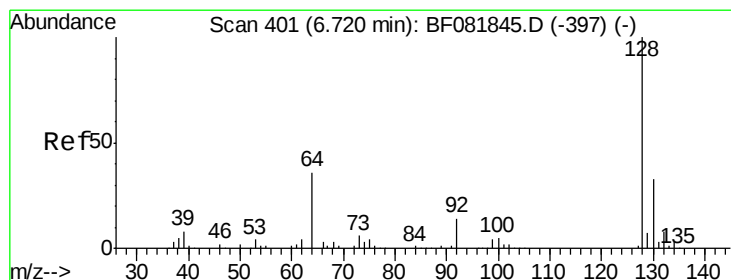
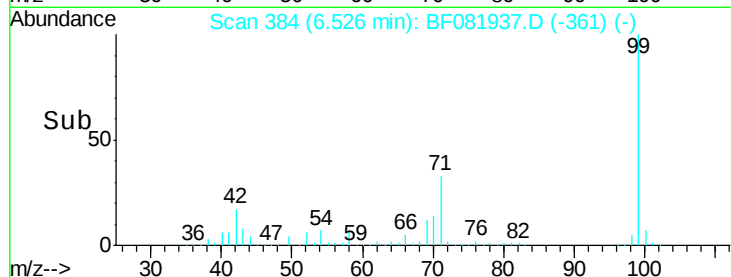
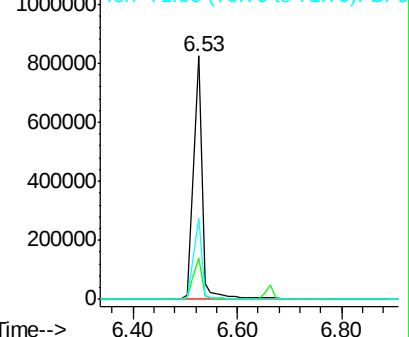
71 33.1 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

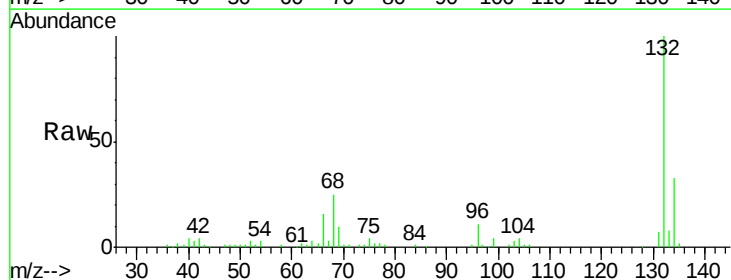
Tgt Ion: 128 Resp: 287

Ion Ratio Lower Upper

128 100

130 0.0 12.2 52.2#

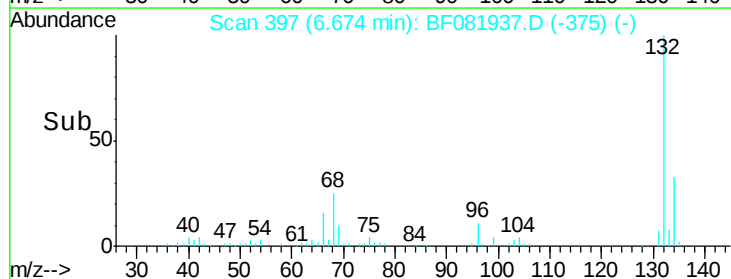
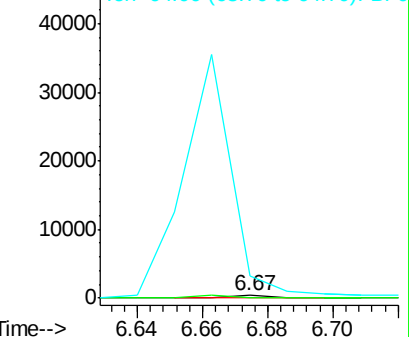
64 752.9 20.5 60.5#

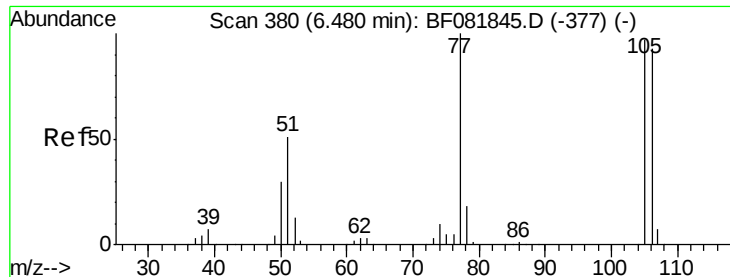


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.22 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampled :

PB85643BL

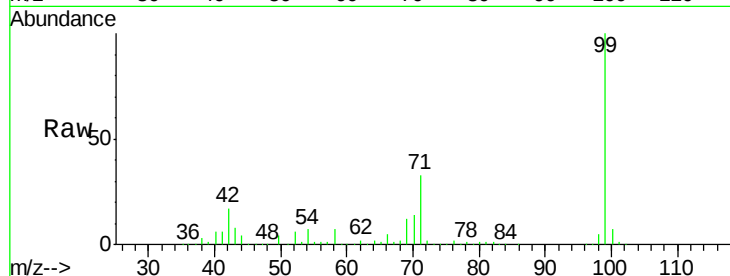
Tgt Ion: 77 Resp: 1120

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

106 0.0 102.6 142.6#

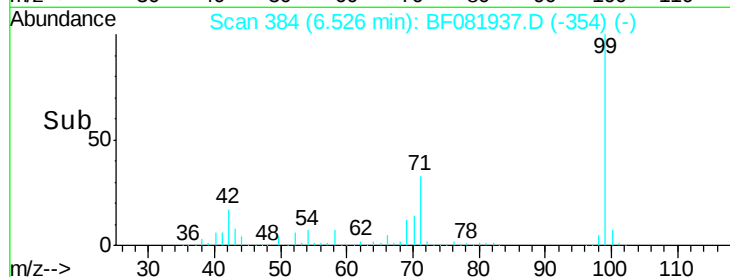


Abundance Ion 77.00 (76.70 to 77.70): BF0

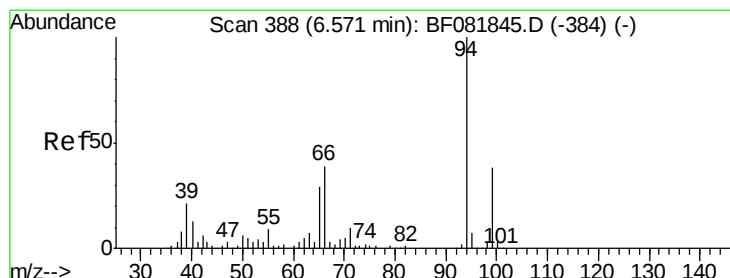
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.53



Time-->



#10

Phenol

Concen: 0.14 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.09 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

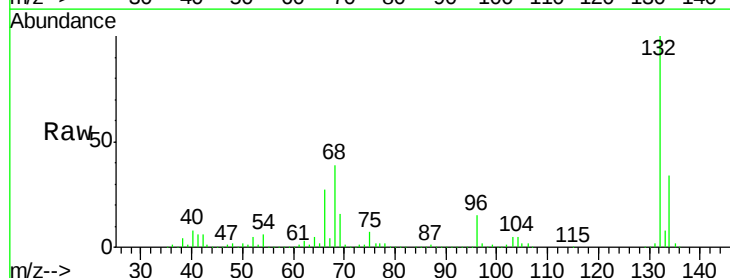
Tgt Ion: 94 Resp: 1217

Ion Ratio Lower Upper

94 100

65 1226.4 0.7 40.7#

66 14931.7 0.8 40.8#

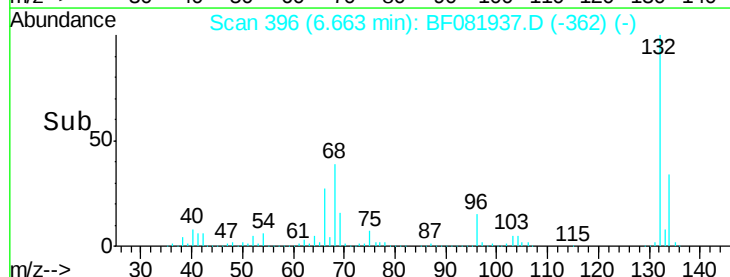


Abundance Ion 94.00 (93.70 to 94.70): BF0

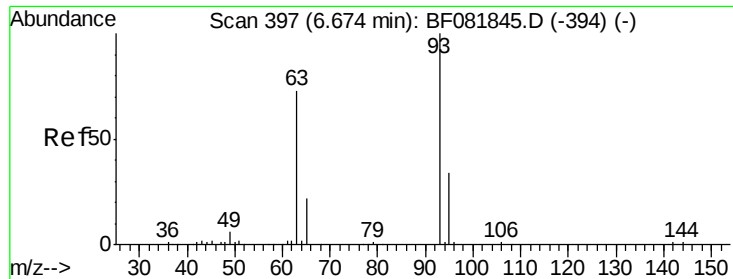
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.66



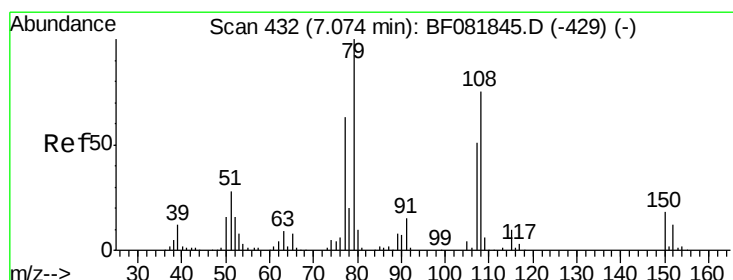
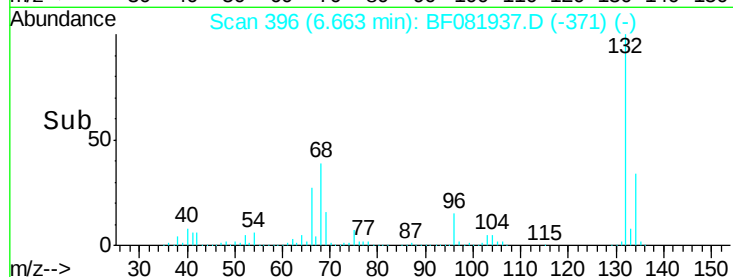
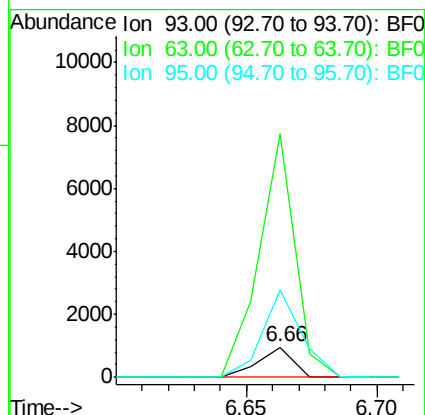
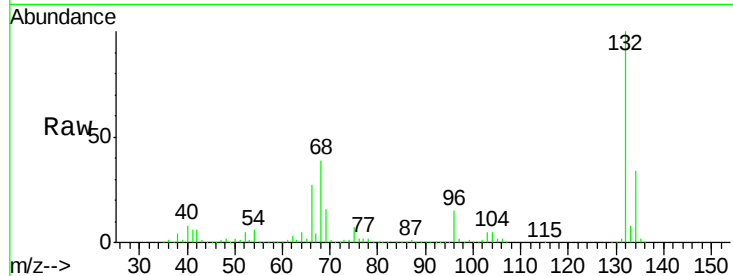
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

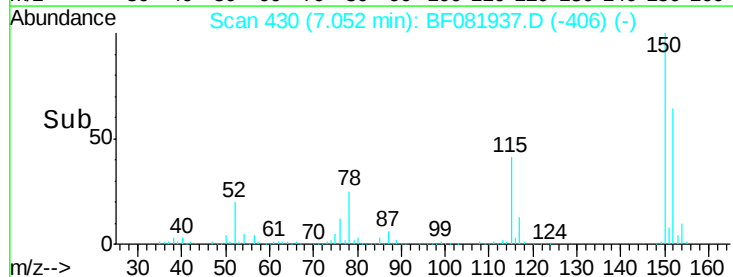
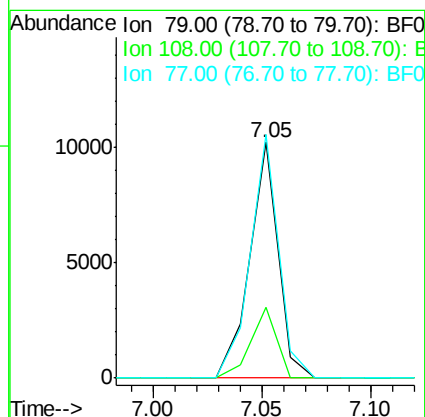
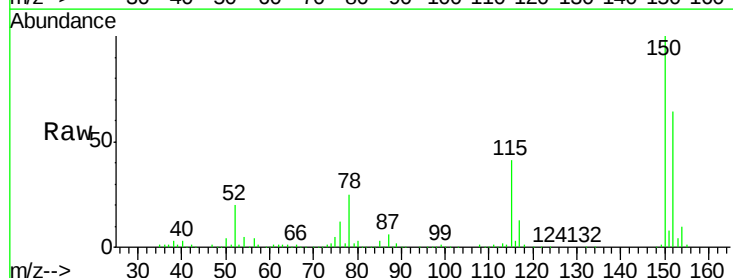
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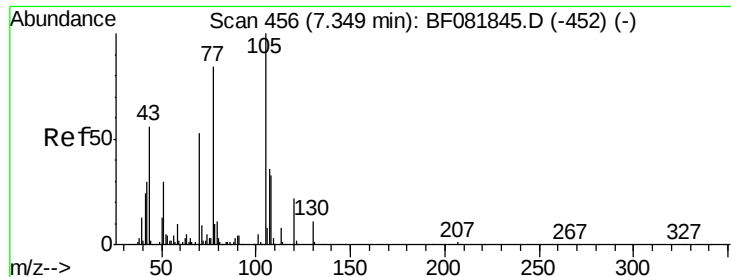
Tgt Ion: 93 Resp: 899
Ion Ratio Lower Upper
93 100
63 799.2 65.6 105.6#
95 285.3 13.6 53.6#



#15
Benzyl Alcohol
Concen: 1.67 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

Tgt Ion: 79 Resp: 9248
Ion Ratio Lower Upper
79 100
108 29.9 88.6 132.8#
77 103.3 47.0 70.4#

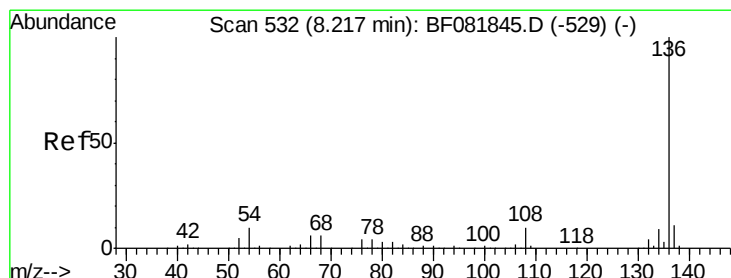
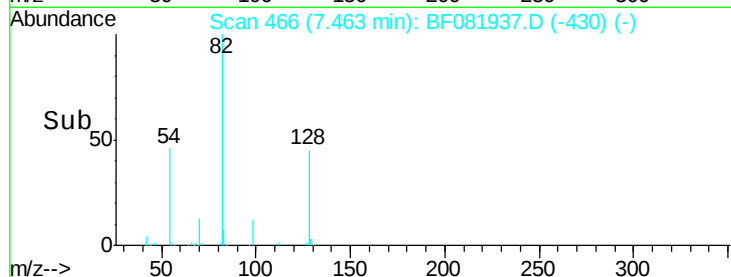
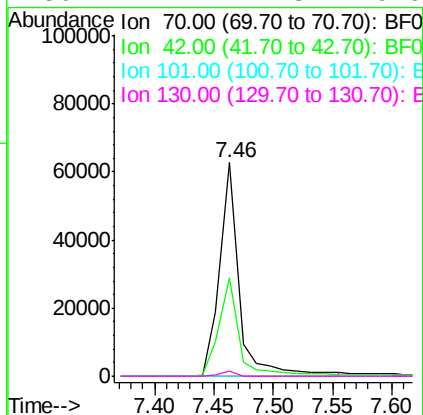
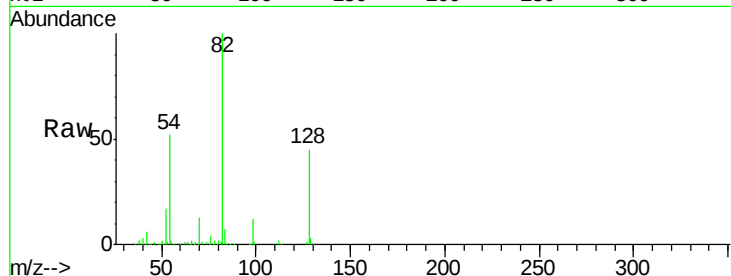




#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

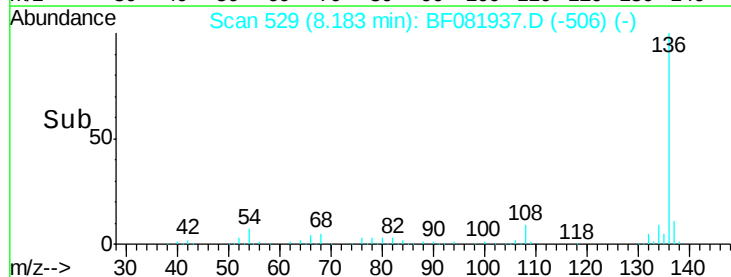
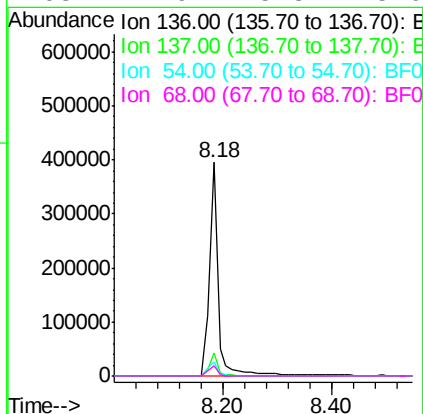
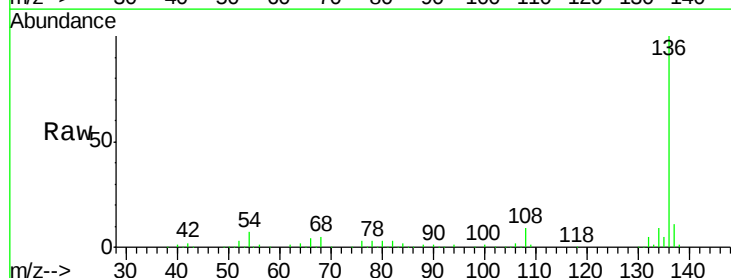
Instrument :
BNA_F
ClientSampleId :
PB85643BL

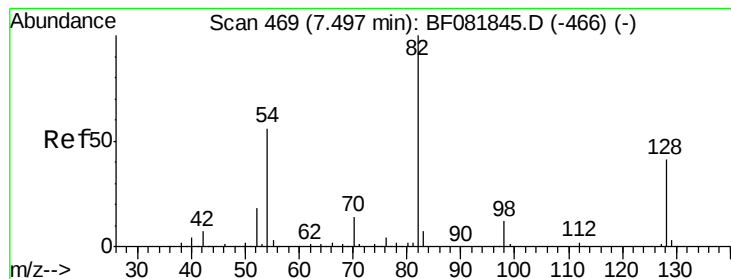
Tgt Ion: 70 Resp: 71701
Ion Ratio Lower Upper
70 100
42 45.9 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

Tgt Ion: 136 Resp: 448919
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.9 8.2 12.2#
68 4.9 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 86.82 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

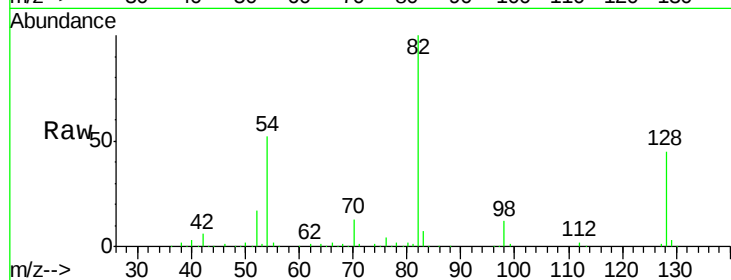
Tgt Ion: 82 Resp: 584666

Ion Ratio Lower Upper

82 100

128 44.7 51.0 76.6#

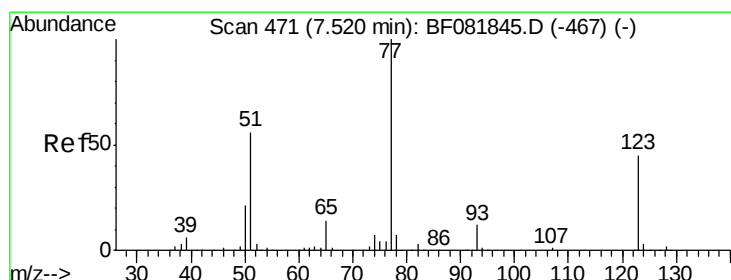
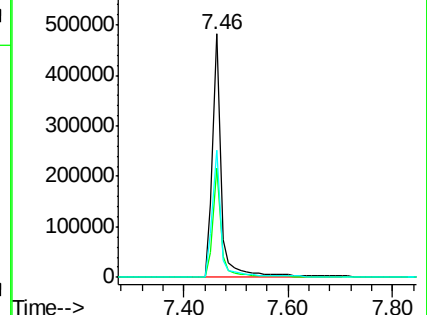
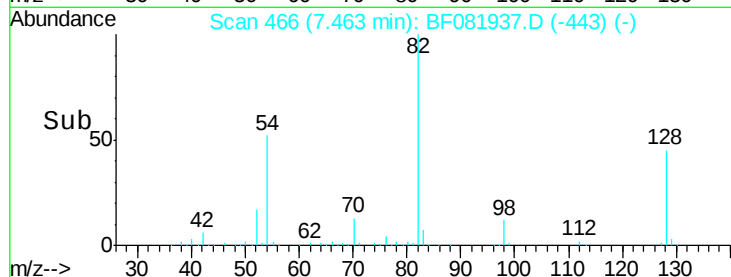
54 52.4 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.17 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

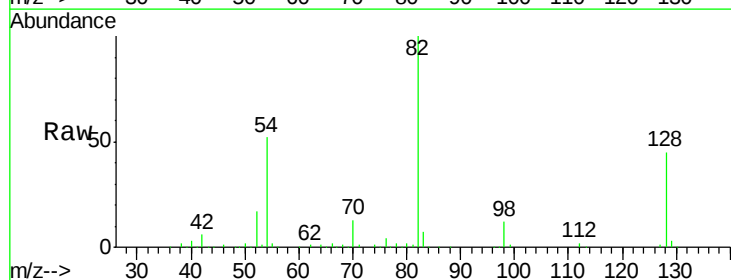
Tgt Ion: 77 Resp: 1245

Ion Ratio Lower Upper

77 100

123 0.0 59.8 89.8#

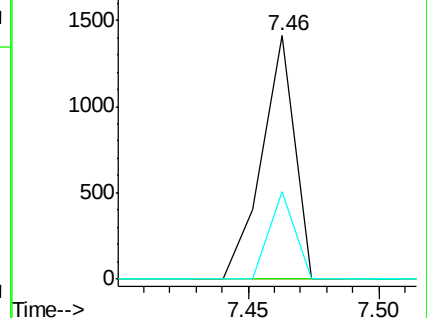
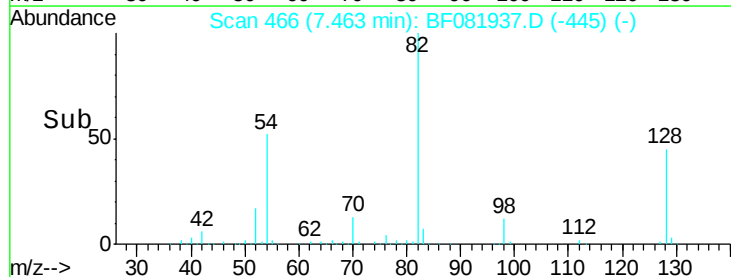
65 36.1 10.2 15.4#

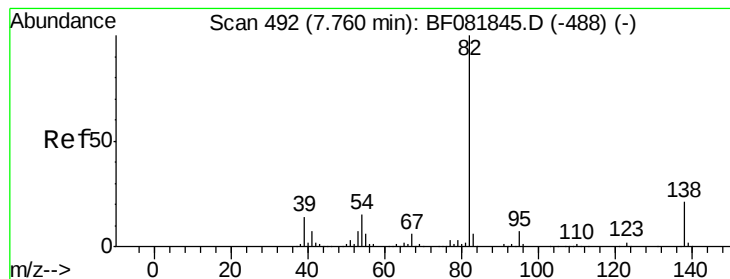


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.36 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

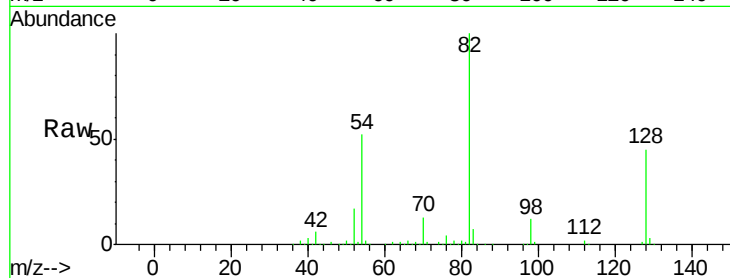
Tgt Ion: 82 Resp: 485354

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

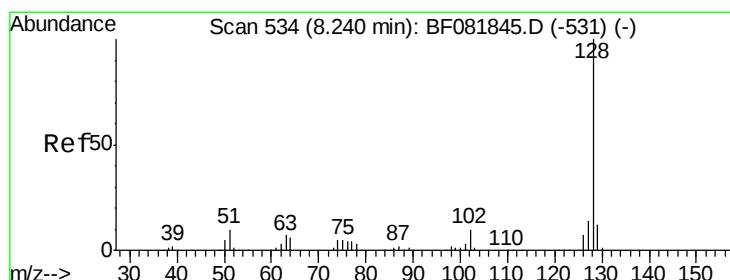
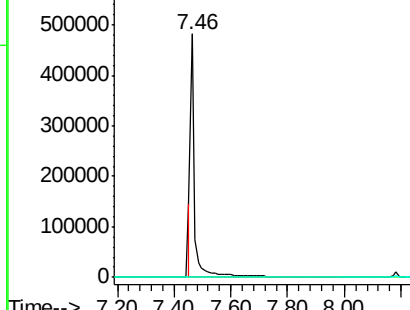
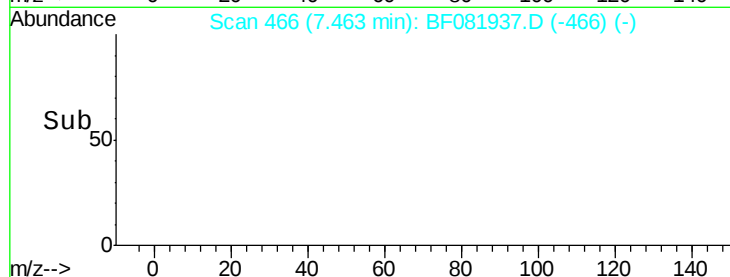
138 0.0 18.3 27.5#



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): BF0



#31

Naphthalene

Concen: 0.02 ng

RT: 8.30 min Scan# 539

Delta R.T. 0.06 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

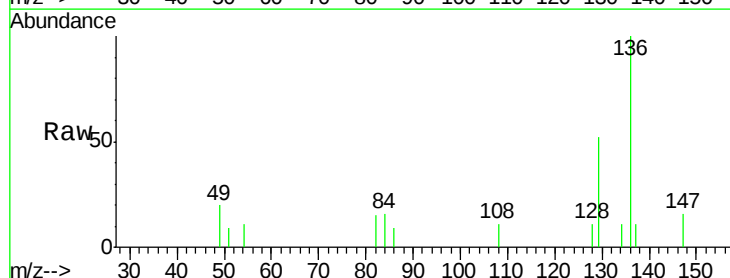
Tgt Ion: 128 Resp: 300

Ion Ratio Lower Upper

128 100

129 465.2 8.4 12.6#

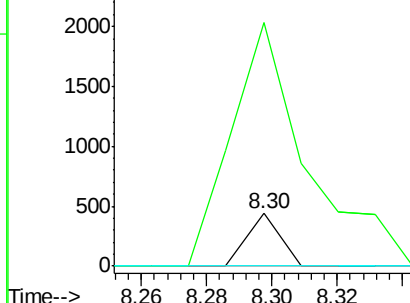
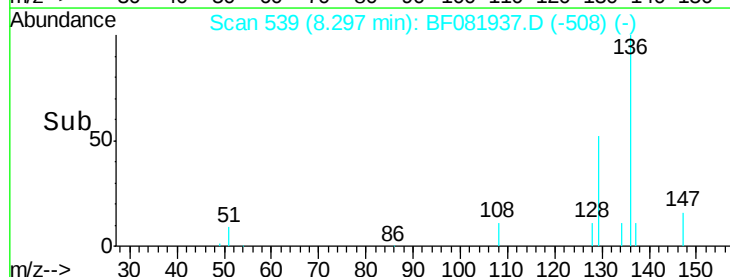
127 0.0 9.9 14.9#

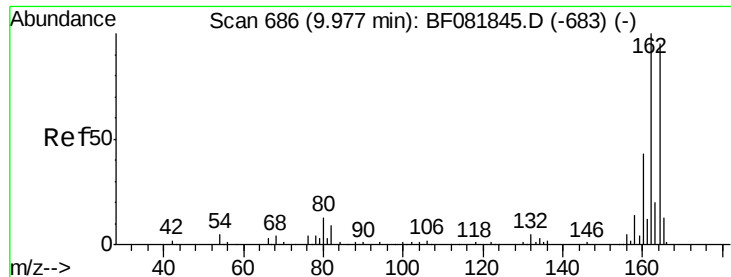


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

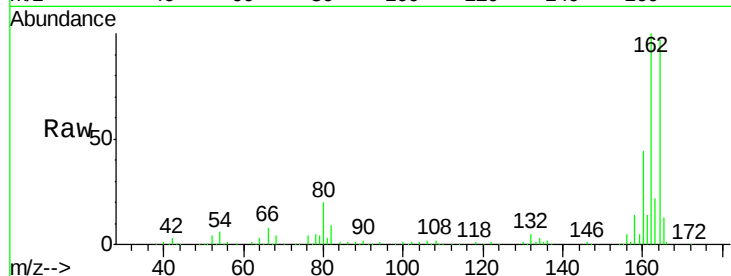
Tgt Ion:164 Resp: 220276

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

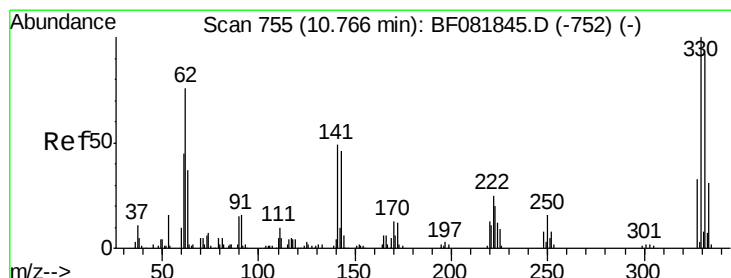
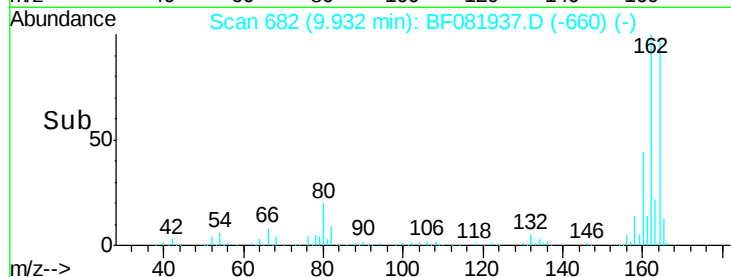
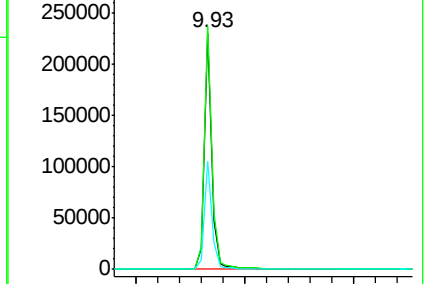
160 45.6 31.5 47.3



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: 118.73 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

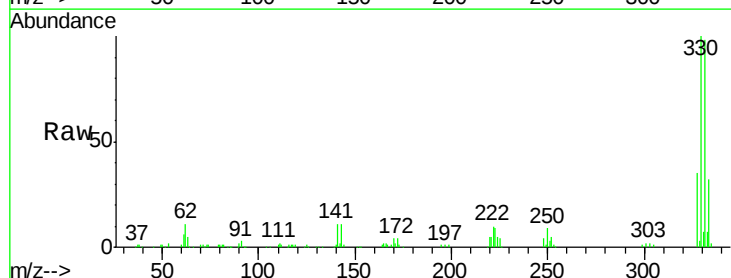
Tgt Ion:330 Resp: 264878

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

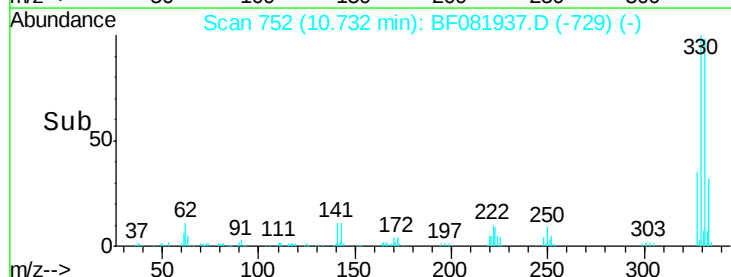
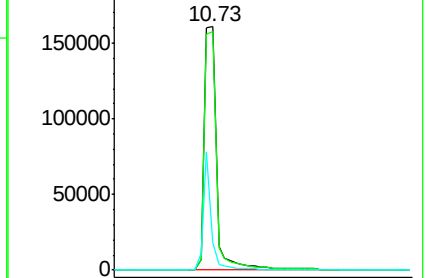
141 32.0 29.7 44.5

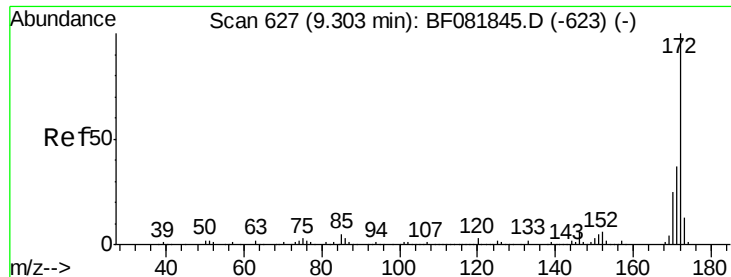


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

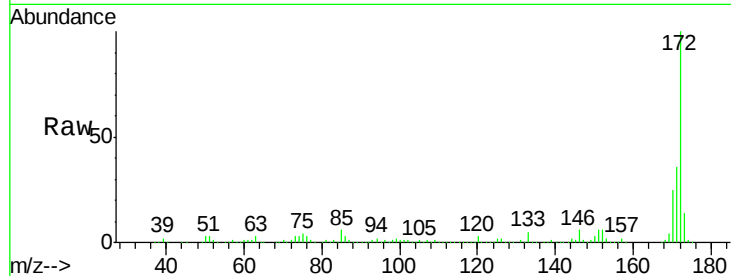




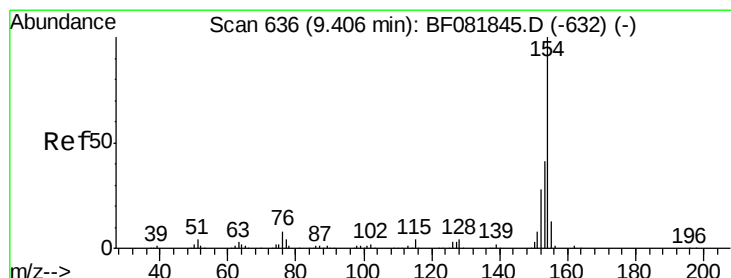
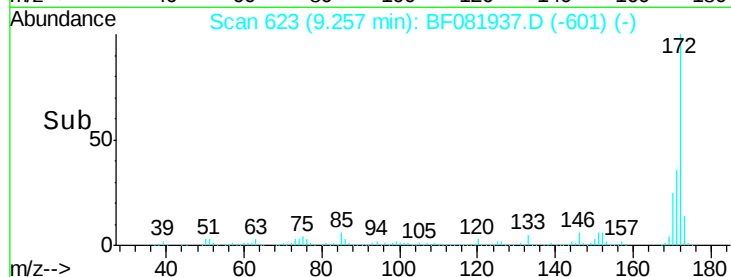
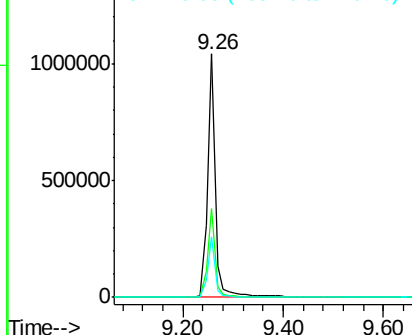
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Tgt Ion:172 Resp: 1141521
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 25.0 17.4 26.2

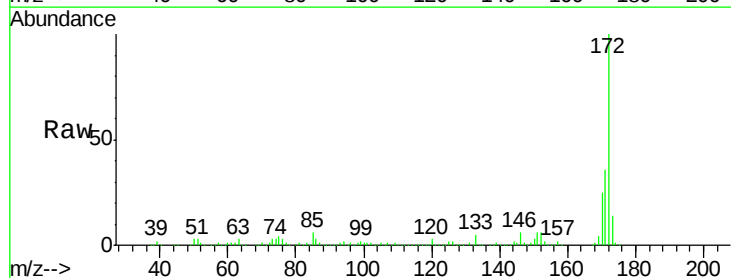


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

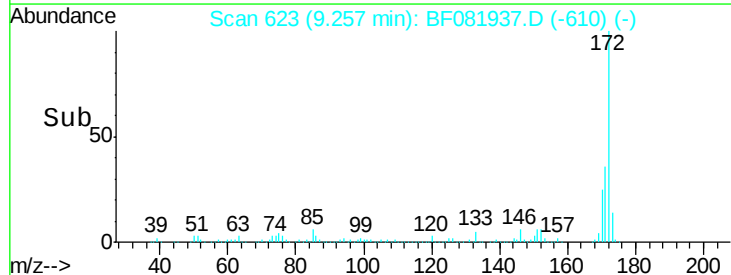
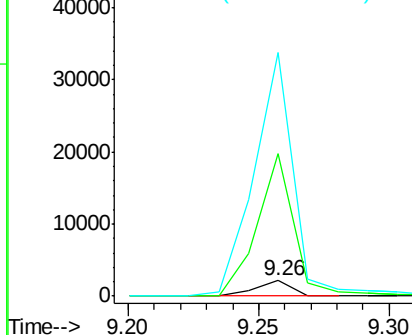


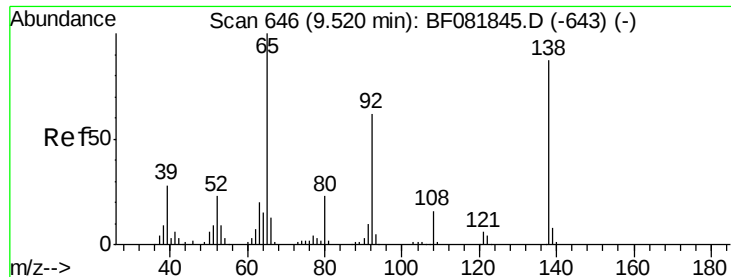
#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.15 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion:154 Resp: 1976
 Ion Ratio Lower Upper
 154 100
 153 917.4 17.1 57.1#
 76 1569.2 0.0 31.6#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

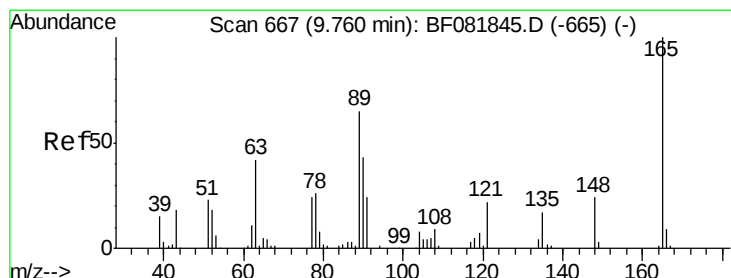
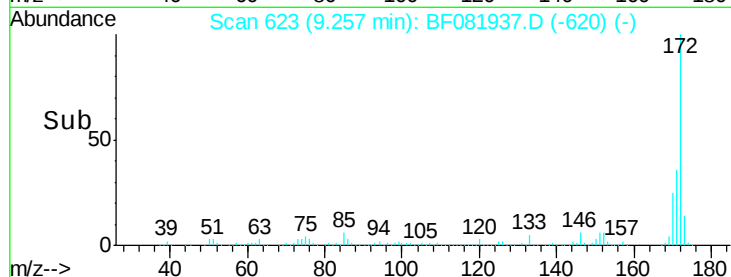
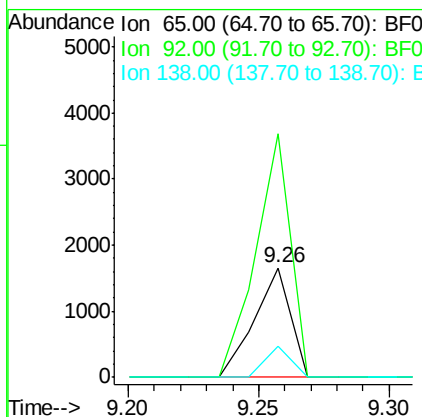
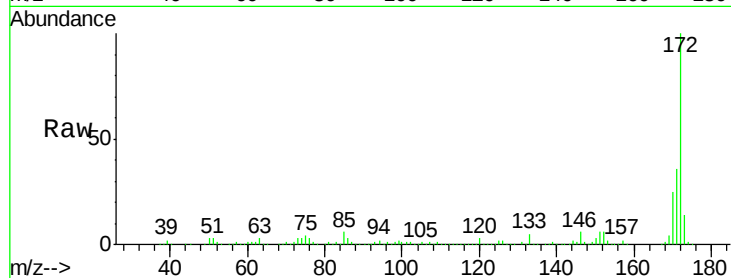




#47
 2-Nitroaniline
 Concen: 0.41 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.26 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

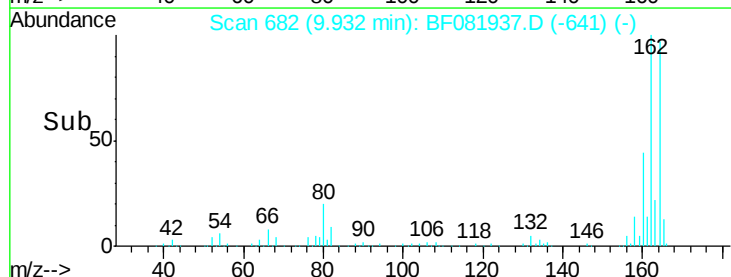
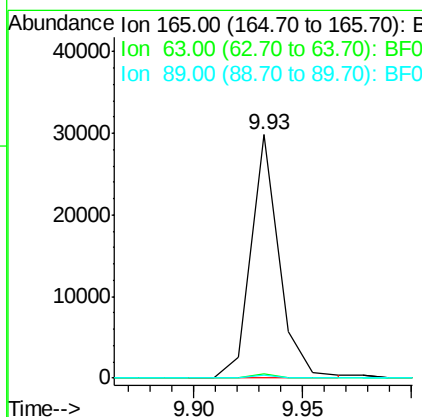
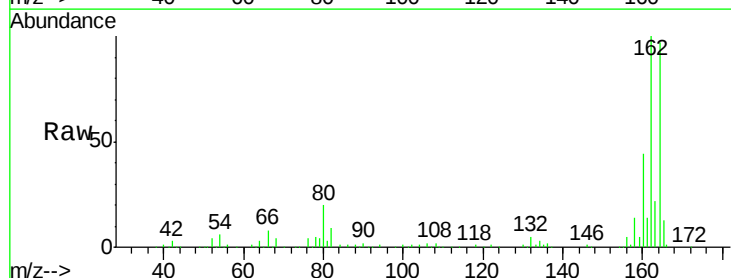
Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

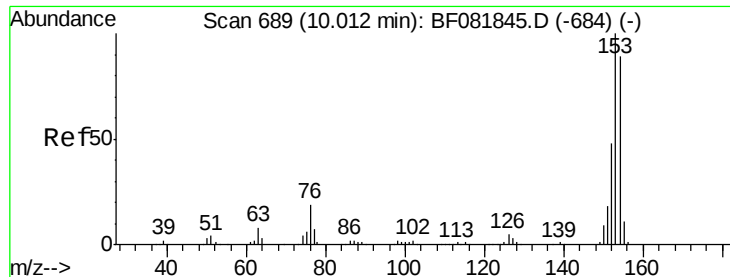
Tgt Ion: 65 Resp: 1611
 Ion Ratio Lower Upper
 65 100
 92 222.4 55.4 83.0#
 138 27.9 115.5 173.3#



#50
 2,6-Dinitrotoluene
 Concen: 8.16 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion: 165 Resp: 26940
 Ion Ratio Lower Upper
 165 100
 63 1.5 32.3 48.5#
 89 1.2 28.6 43.0#





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.08 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

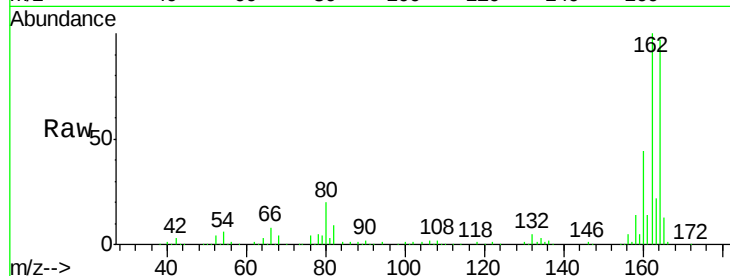
Tgt Ion:154 Resp: 508

Ion Ratio Lower Upper

154 100

153 0.0 82.1 123.1#

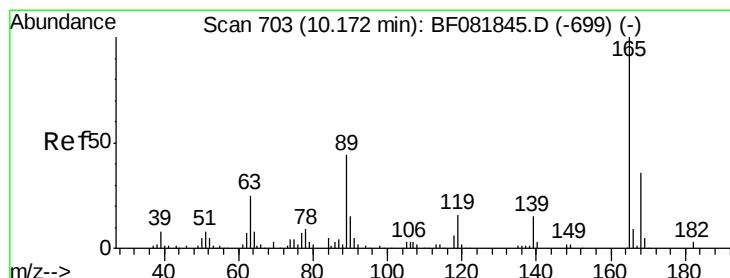
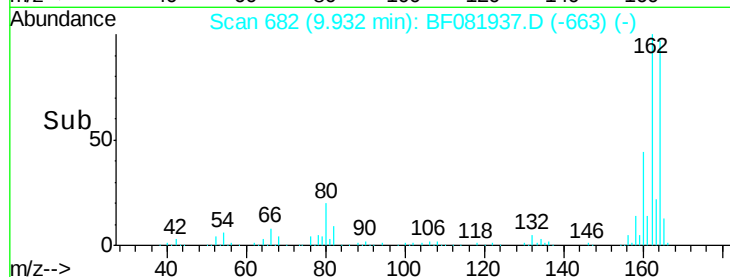
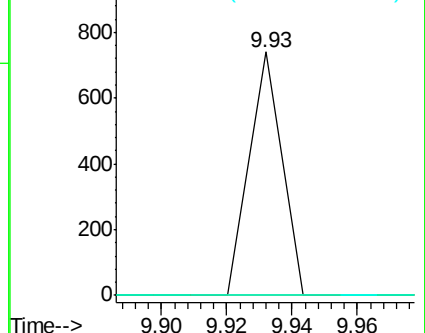
152 0.0 37.9 56.9#



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: 6.45 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Tgt Ion:165 Resp: 27151

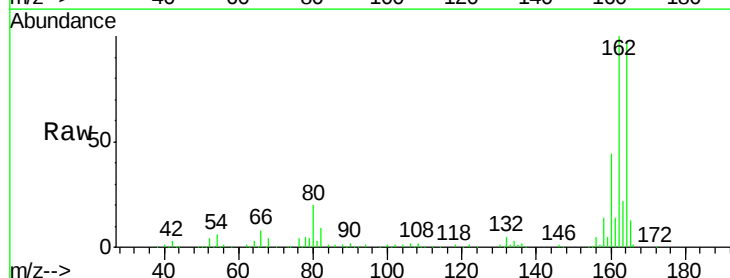
Ion Ratio Lower Upper

165 100

63 1.5 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

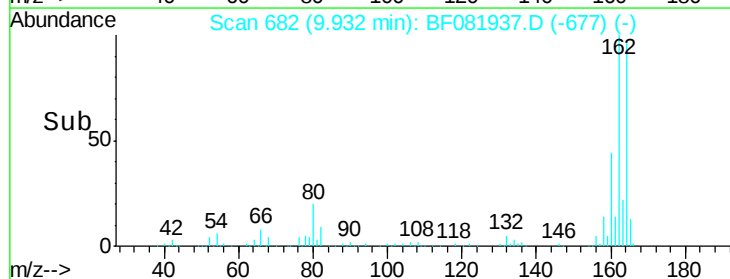
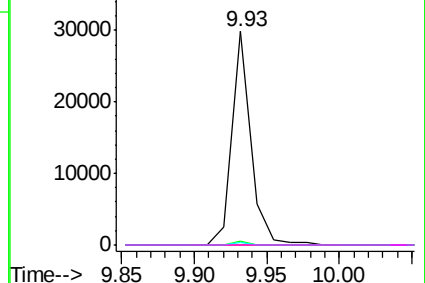


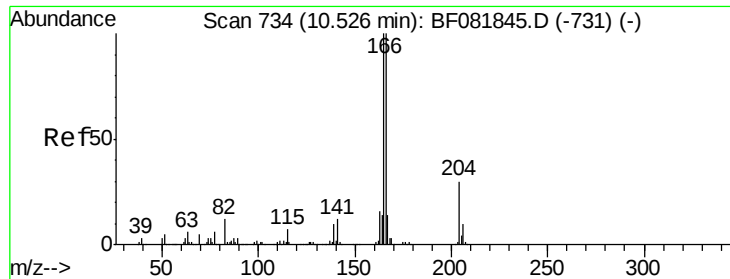
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.72 min Scan# 751

Delta R.T. 0.19 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

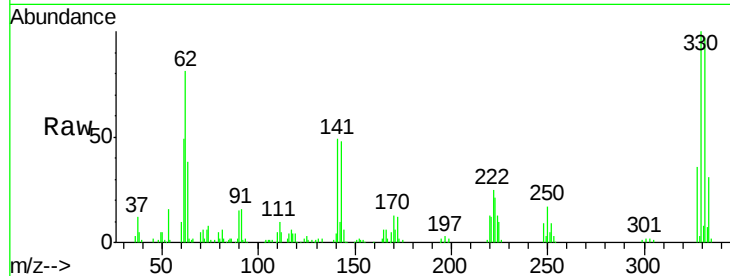
Tgt Ion:166 Resp: 9673

Ion Ratio Lower Upper

166 100

165 98.2 72.6 109.0

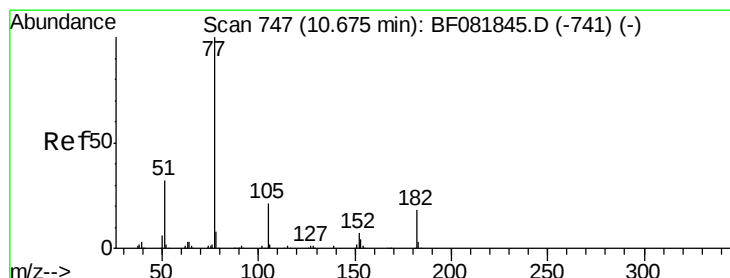
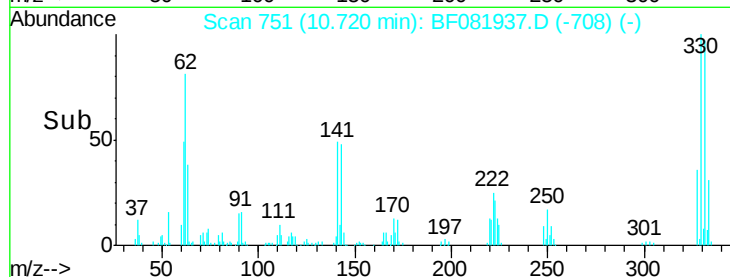
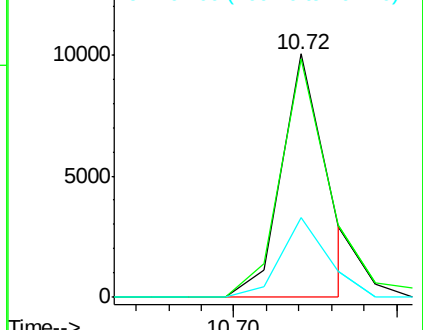
167 32.8 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

Azobenzene

Concen: 0.06 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Tgt Ion: 77 Resp: 850

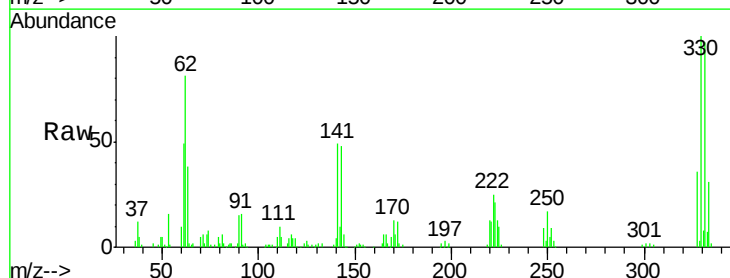
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 85.1 3.4 43.4#

51 90.3 12.0 52.0#

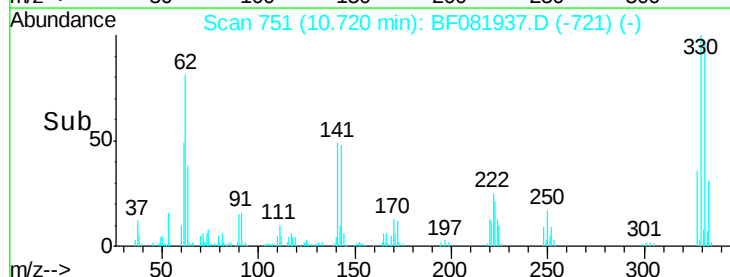
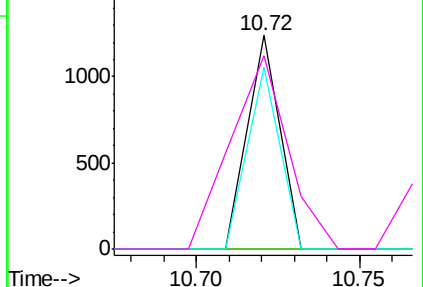


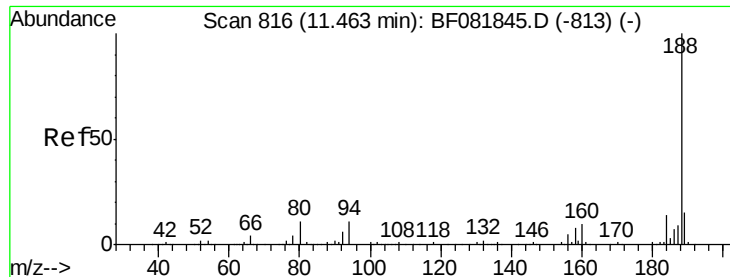
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

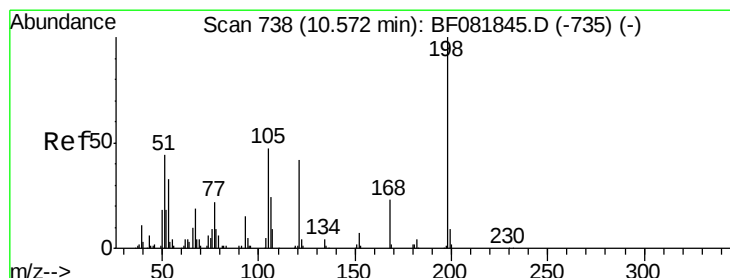
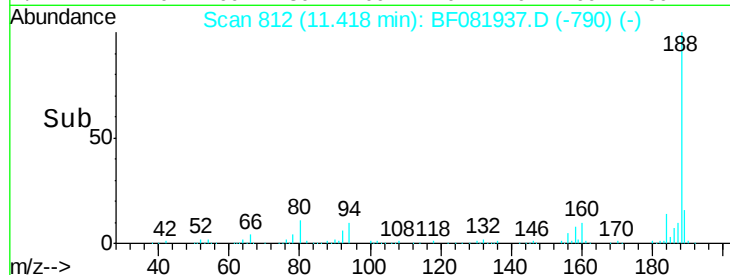
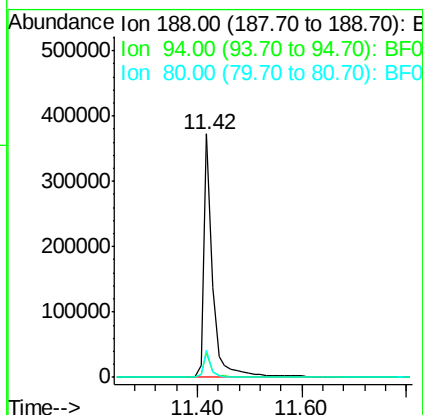
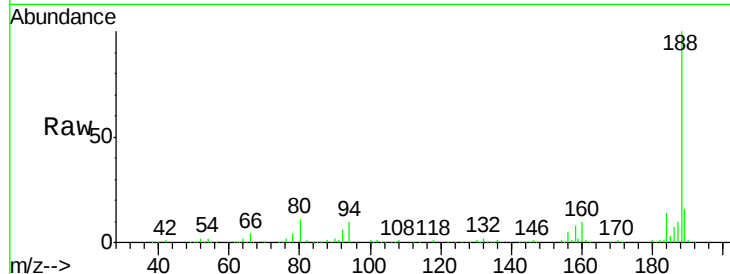




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

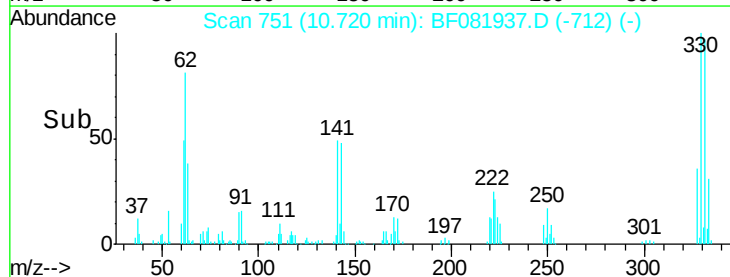
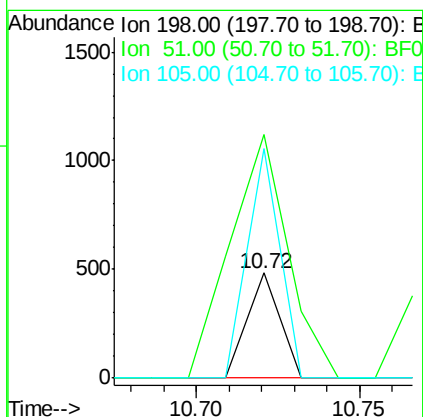
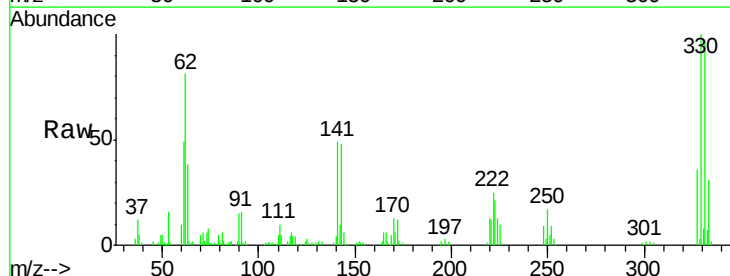
Instrument :
BNA_F
ClientSampleId :
PB85643BL

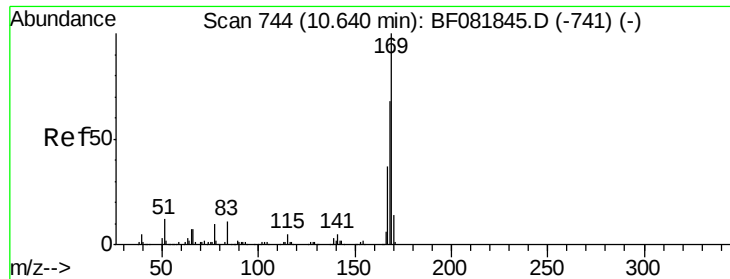
Tgt Ion:188 Resp: 443148
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 11.1 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 1.36 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.15 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 231.9 39.6 79.6#
105 218.4 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 0.56 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

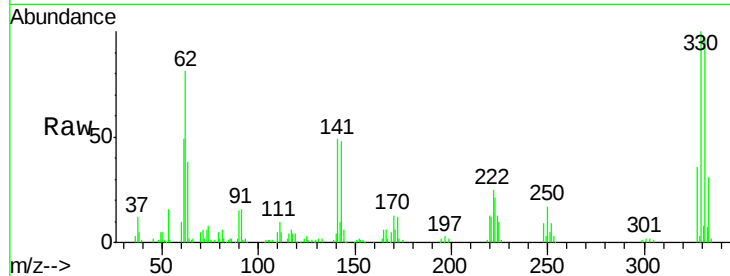
Tgt Ion:169 Resp: 7467

Ion Ratio Lower Upper

169 100

168 8.2 48.9 73.3#

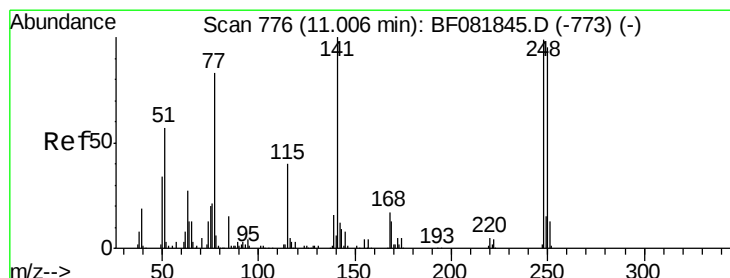
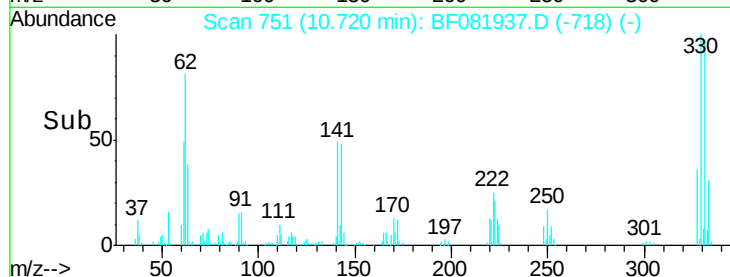
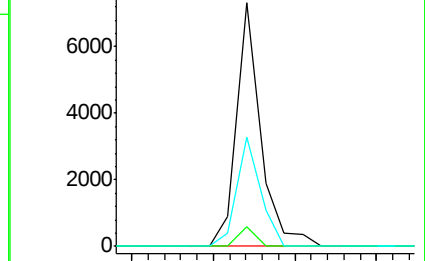
167 44.9 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.66 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

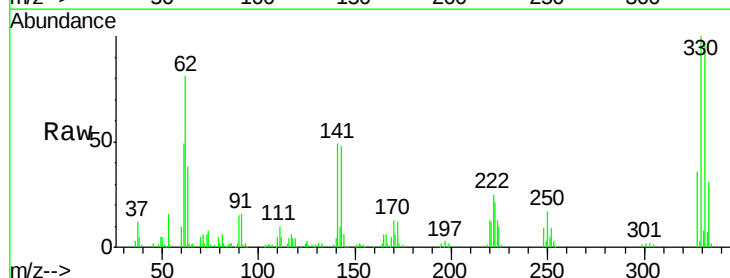
Tgt Ion:248 Resp: 16363

Ion Ratio Lower Upper

248 100

250 200.9 78.5 117.7#

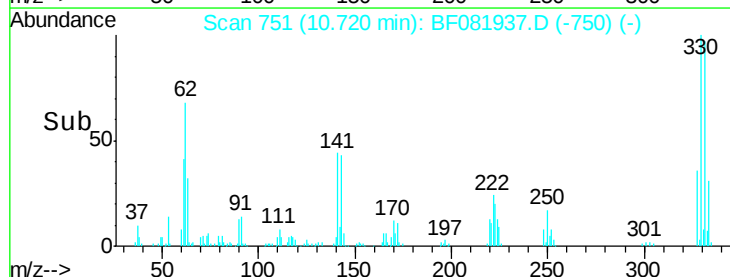
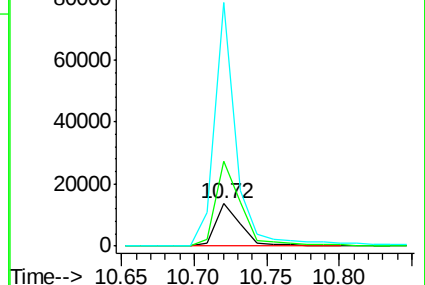
141 572.8 59.0 88.6#

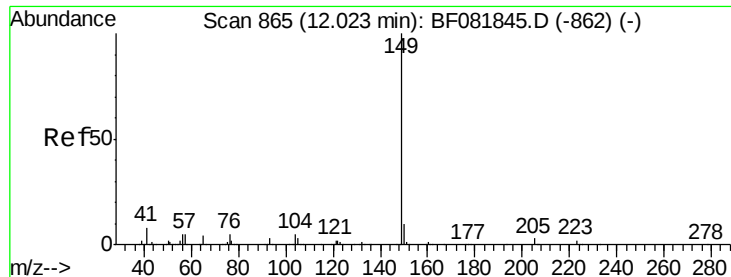


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.98 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

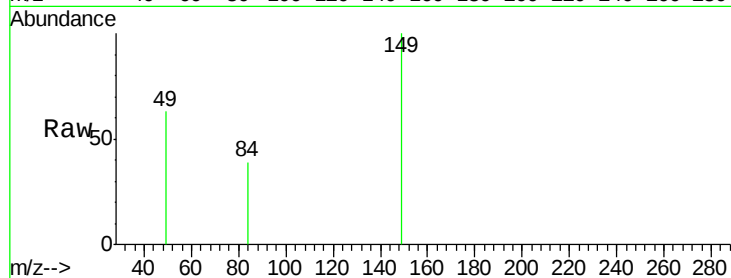
Tgt Ion:149 Resp: 940

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

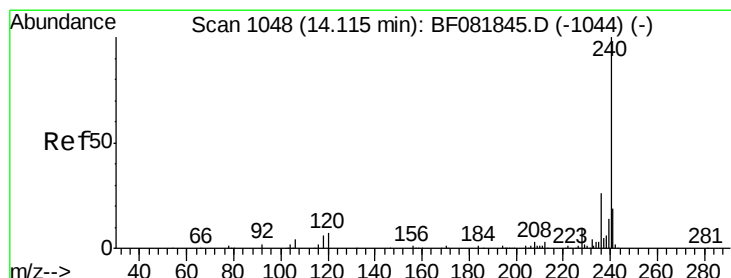
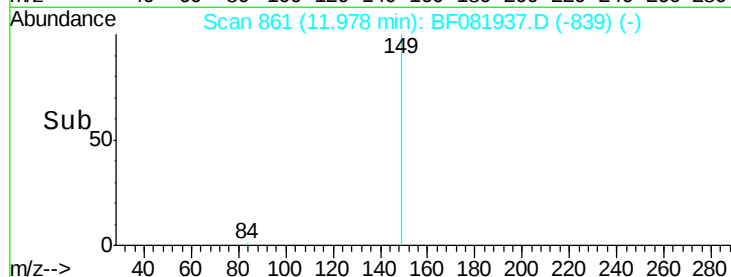
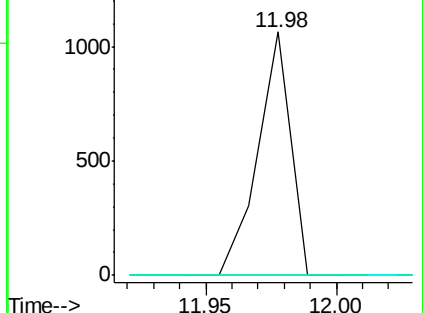
104 0.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

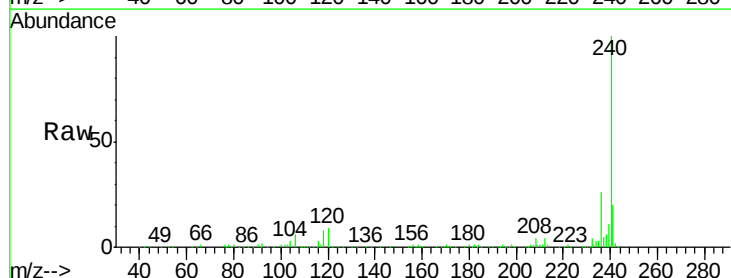
Tgt Ion:240 Resp: 446308

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

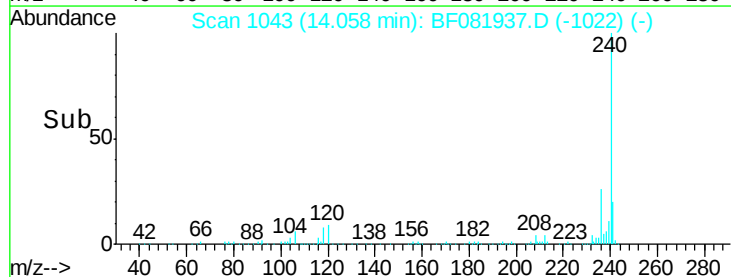
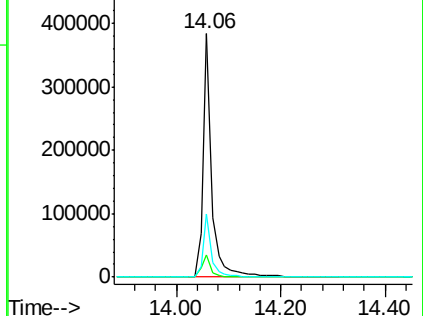
236 25.9 18.4 27.6

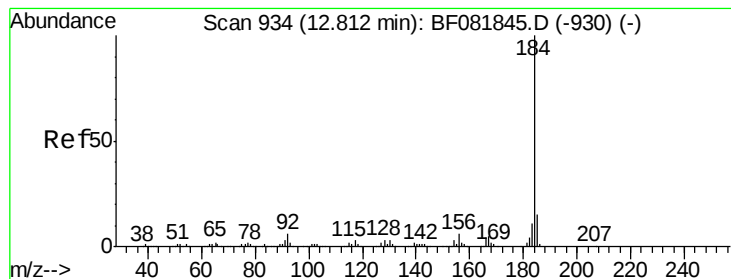


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.09 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

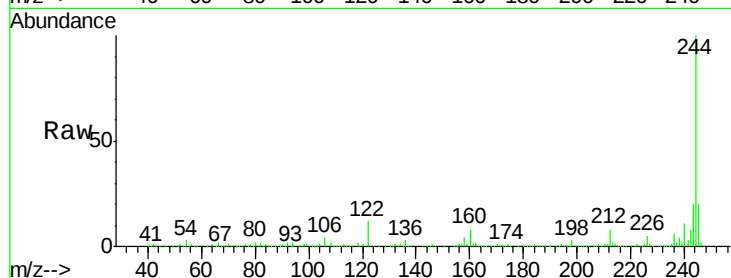
Tgt Ion:184 Resp: 14659

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

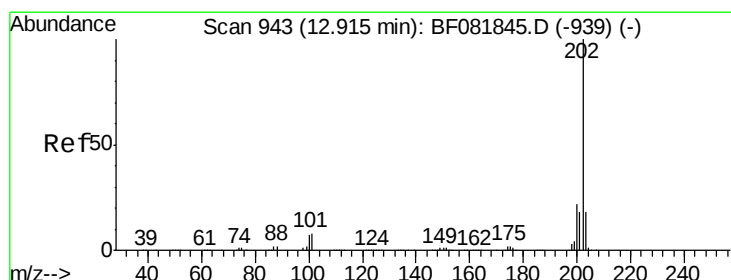
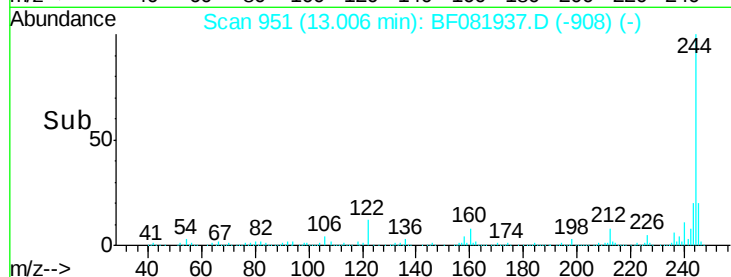
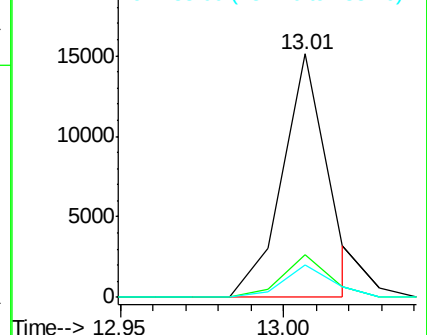
183 13.2 7.6 11.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.13 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.09 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

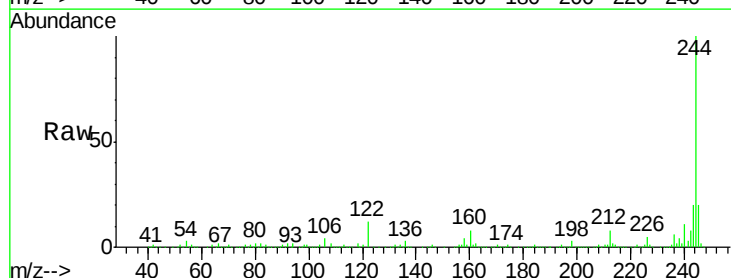
Tgt Ion:202 Resp: 3507

Ion Ratio Lower Upper

202 100

200 50.1 15.0 22.4#

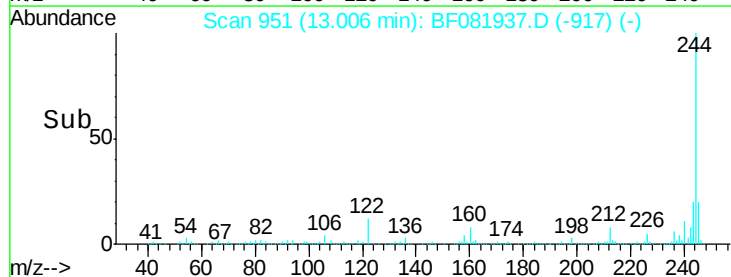
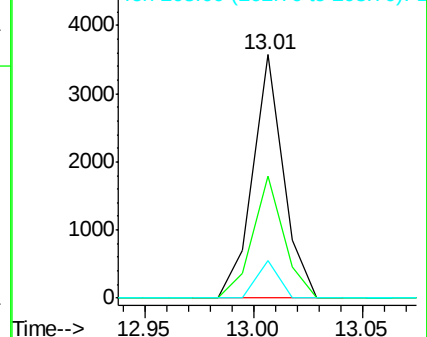
203 15.4 14.1 21.1

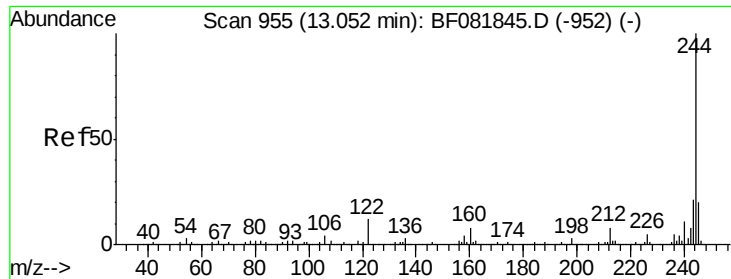


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

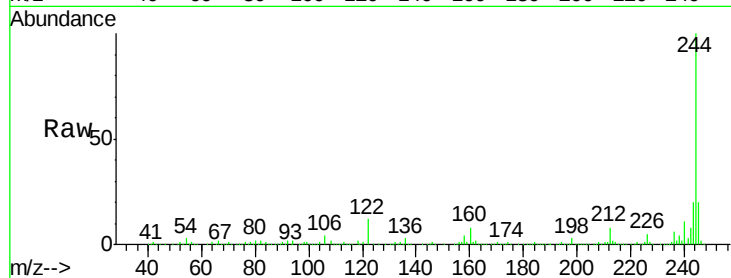




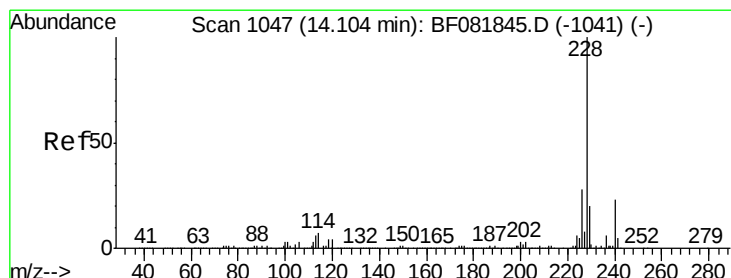
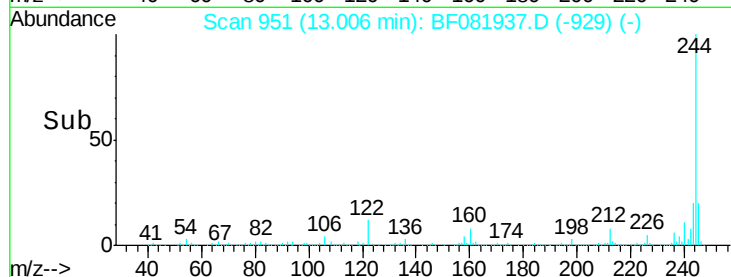
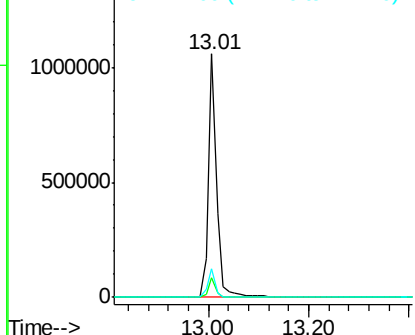
#78
 Terphenyl-d14
 Concen: 87.67 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Tgt Ion:244 Resp: 1200940
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.6 17.4 26.2#

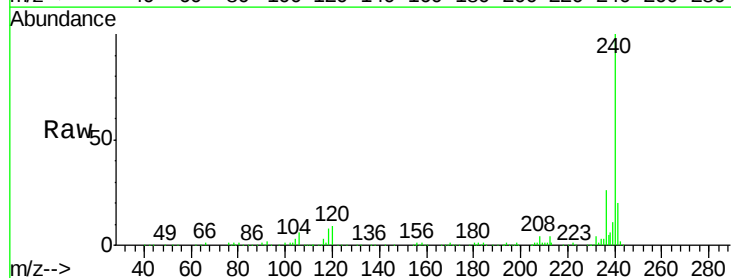


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

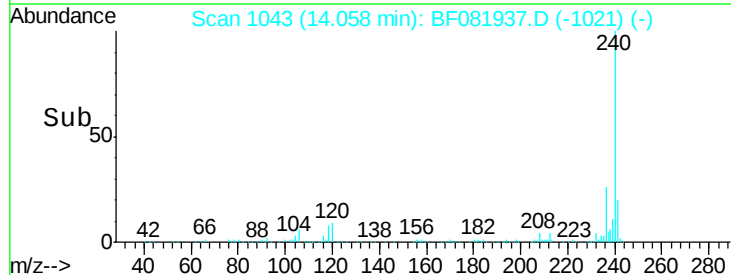
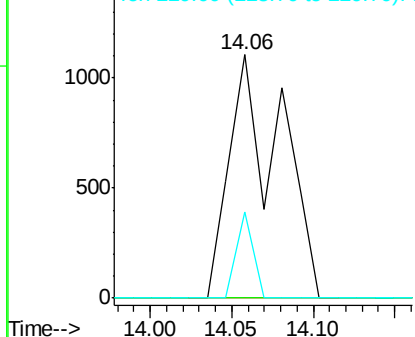


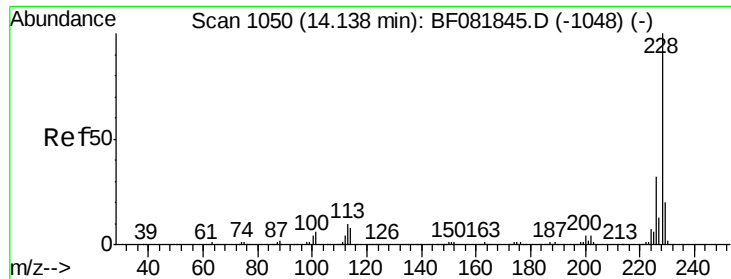
#80
 Benzo(a)anthracene
 Concen: 0.10 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion:228 Resp: 2376
 Ion Ratio Lower Upper
 228 100
 226 0.0 20.0 30.0#
 229 35.4 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.98 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

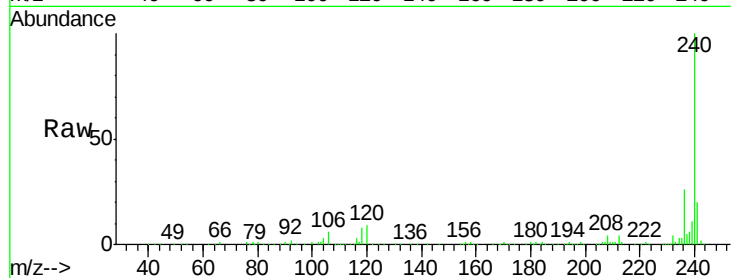
Tgt Ion: 228 Resp: 2376

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

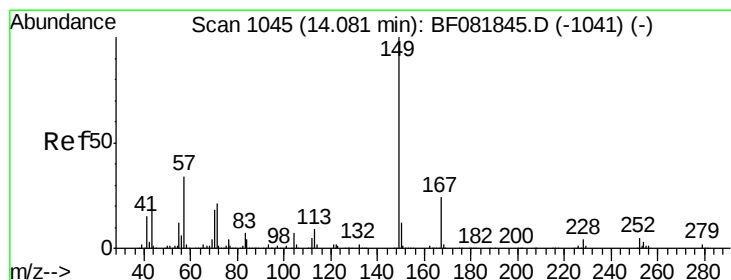
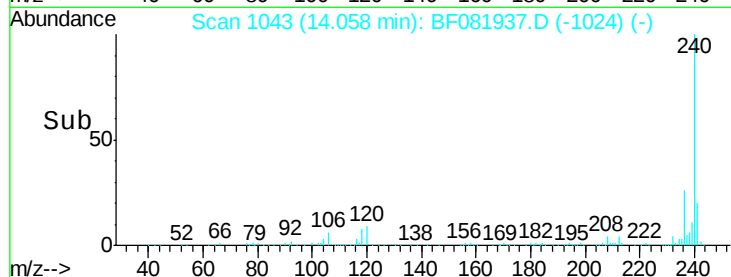
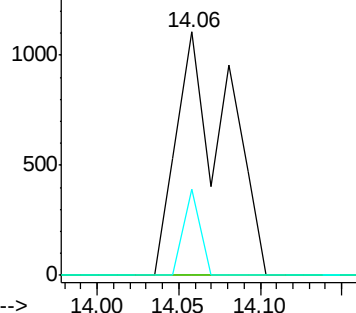
229 35.4 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

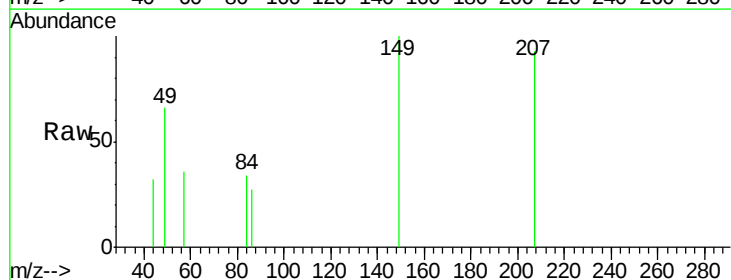
Tgt Ion: 149 Resp: 1061

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.2#

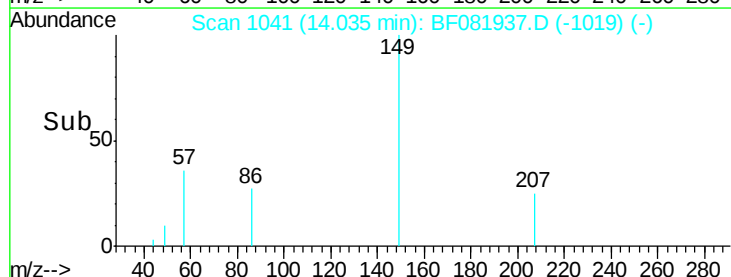
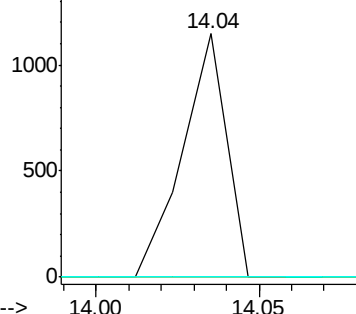
279 0.0 3.8 5.6#

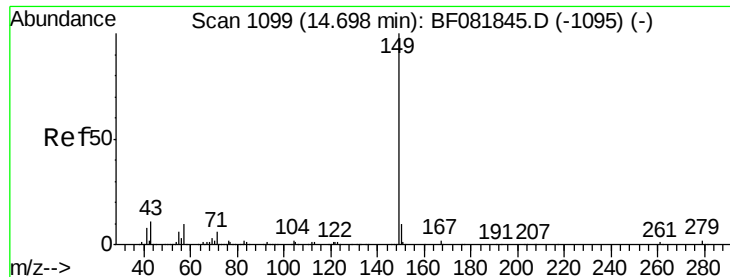


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.03 ng

RT: 14.64 min Scan# 1094

Delta R.T. -0.06 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

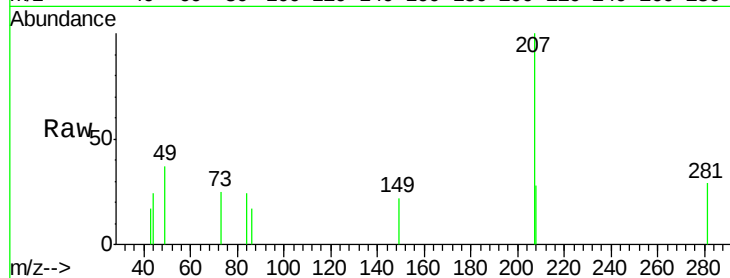
Tgt Ion:149 Resp: 527

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

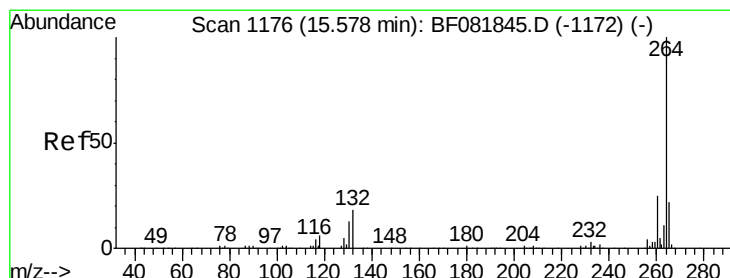
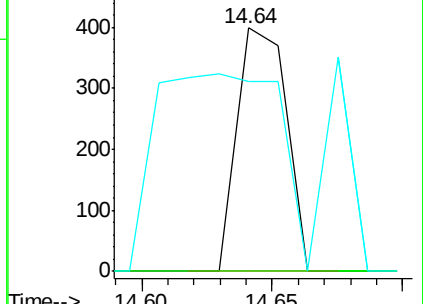
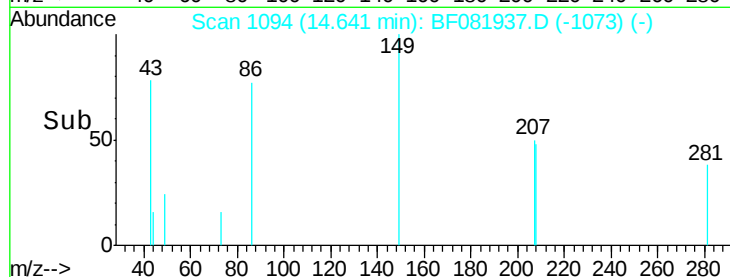
43 204.7 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1169

Delta R.T. -0.08 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

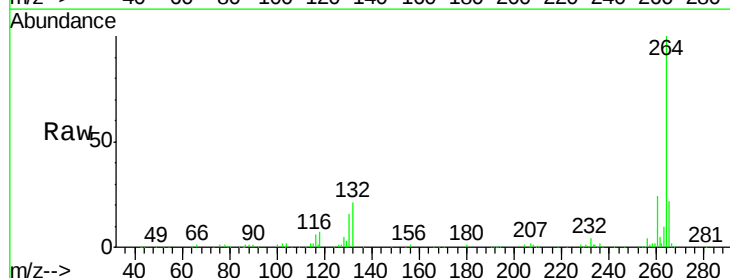
Tgt Ion:264 Resp: 337618

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

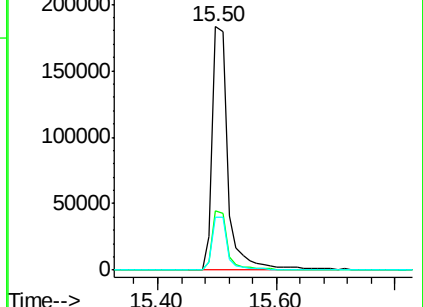
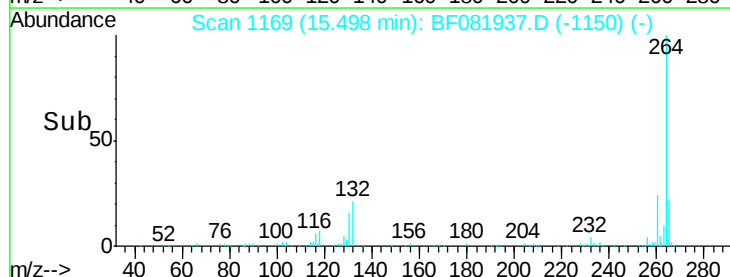
265 21.8 17.2 25.8

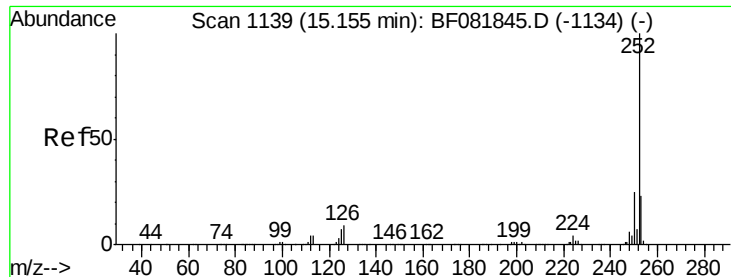


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

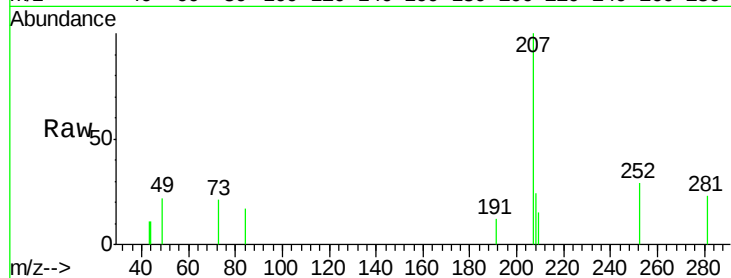




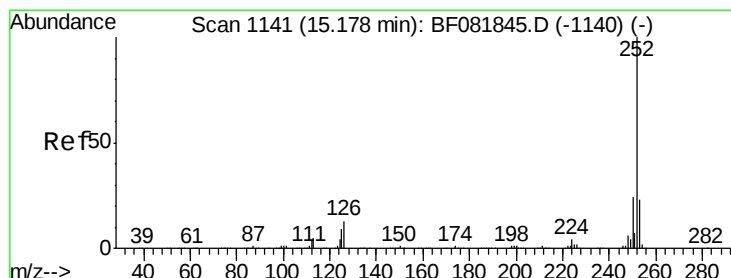
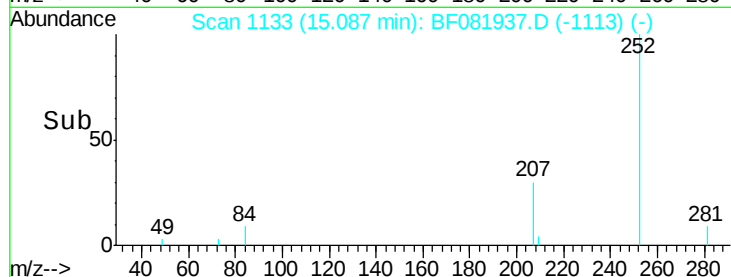
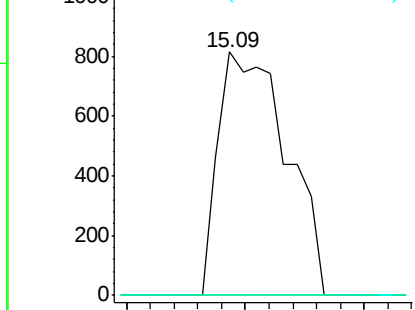
#87
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB85643BL

Tgt Ion:252 Resp: 3248
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 17.1 25.7#

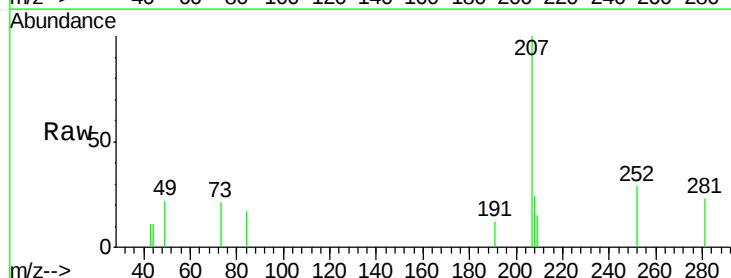


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

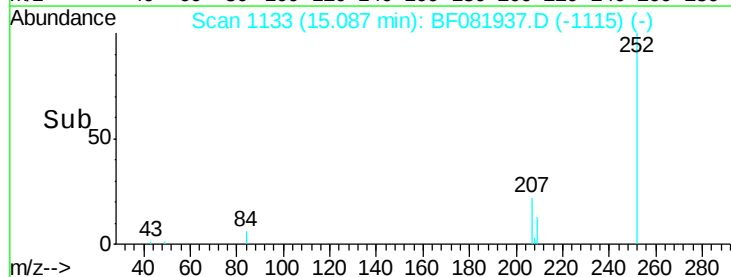
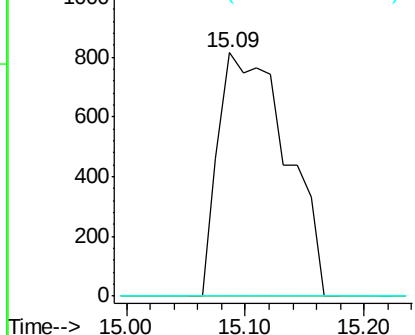


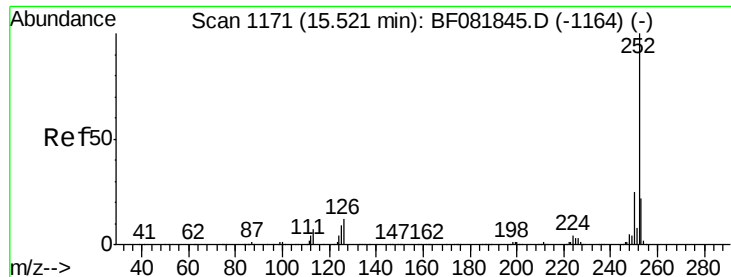
#88
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF081937.D
Acq: 1 Oct 2015 14:08

Tgt Ion:252 Resp: 3248
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.50 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF081937.D

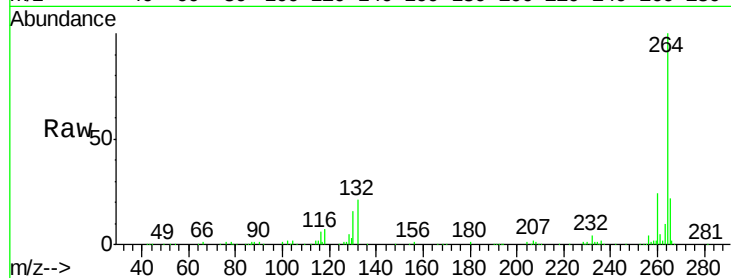
Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL



Tgt Ion:	252	Resp:	940
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.2	25.8#
125	0.0	18.0	27.0#

