

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082777.D
 Acq On : 6 Nov 2015 22:53
 Operator : UM/IZ
 Sample : PB86432TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Quant Time: Nov 07 03:12:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	232986	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	928524	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	454527	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	907995	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	984702	20.00	ng	-0.01
86) Perylene-d12	15.43	264	716392	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1597047	106.65	ng	0.01
7) Phenol-d6	6.48	99	2083691	104.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1470228	68.90	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	545629	104.70	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2293995	72.34	ng	0.00
78) Terphenyl-d14	12.96	244	2544322	61.28	ng	-0.01

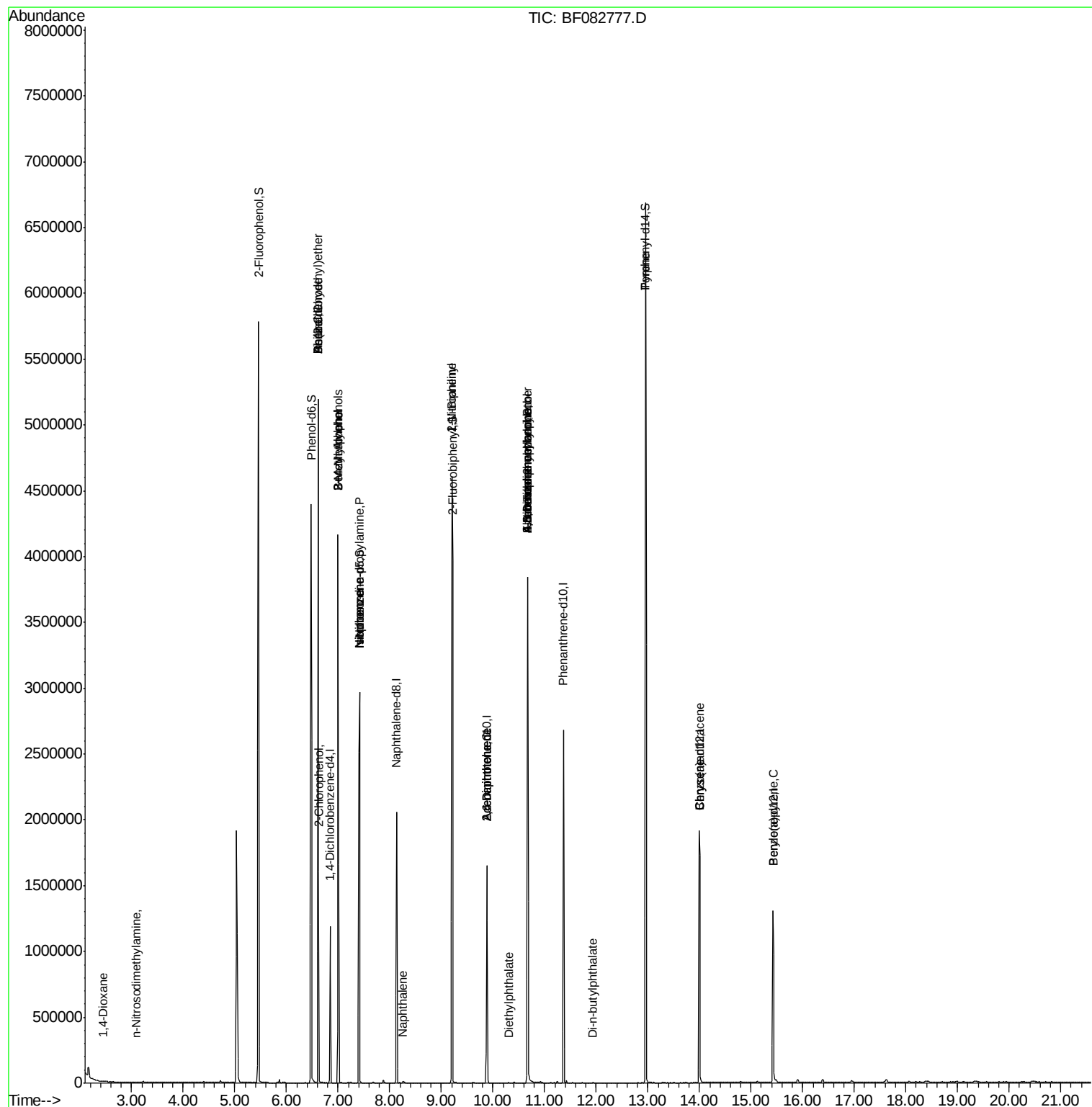
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	752	0.12	ng	# 20
4) n-Nitrosodimethylamine	3.08	42	211	0.02	ng	# 1
6) Aniline	6.61	93	1932	0.07	ng	# 1
8) 2-Chlorophenol	6.62	128	775	0.05	ng	# 1
9) Benzaldehyde	6.61	77	37202	3.38	ng	84
10) Phenol	6.61	94	3422	0.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	1932	0.11	ng	# 1
15) Benzyl Alcohol	7.00	79	22190	1.27	ng	# 57
17) 2-Methylphenol	7.00	107	206	0.01	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	194524	13.29	ng	# 65
20) 3+4-Methylphenols	7.00	107	206	0.01	ng	# 1
24) Nitrobenzene	7.41	77	4620	0.21	ng	# 42
25) Isophorone	7.41	82	1345984	34.09	ng	# 69
31) Naphthalene	8.26	128	875	0.02	ng	# 1
45) 1,1'-Biphenyl	9.21	154	4819	0.12	ng	# 1
47) 2-Nitroaniline	9.21	65	4016	0.36	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	58262	7.33	ng	# 17
51) Acenaphthene	9.88	154	1741	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	58251	5.40	ng	# 15
57) Fluorene	10.67	166	20954	0.64	ng	# 92
59) Diethylphthalate	10.30	149	521	0.01	ng	# 59
62) Azobenzene	10.67	77	2651	0.07	ng	# 2
64) 4,6-Dinitro-2-methylphenol	10.67	198	1175	0.18	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	16647	0.51	ng	# 47
66) 4-Bromophenyl-phenylether	10.67	248	35015	3.20	ng	# 1
73) Di-n-butylphthalate	11.94	149	1158	0.02	ng	# 76
77) Pyrene	12.96	202	7690	0.11	ng	# 71
80) Benzo(a)anthracene	14.01	228	2222	0.04	ng	# 57
82) Chrysene	14.01	228	2222	0.04	ng	# 55
89) Benzo(a)pyrene	15.43	252	2103	0.05	ng	# 90

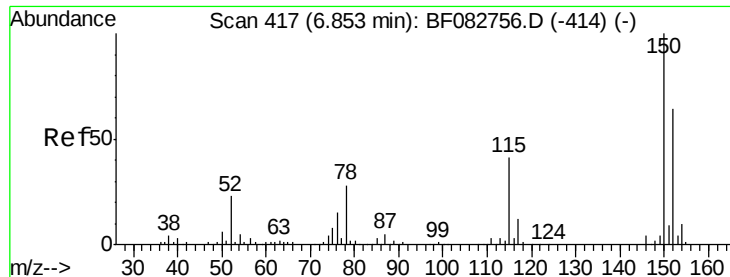
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

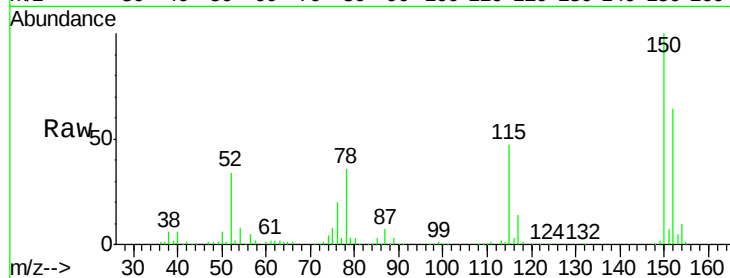
Tgt Ion:152 Resp: 232986

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

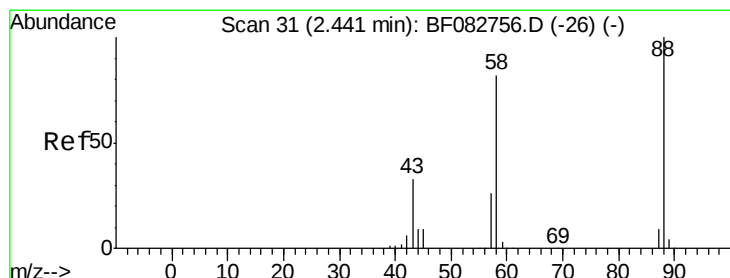
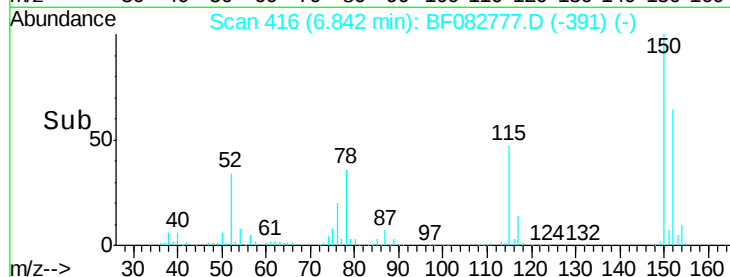
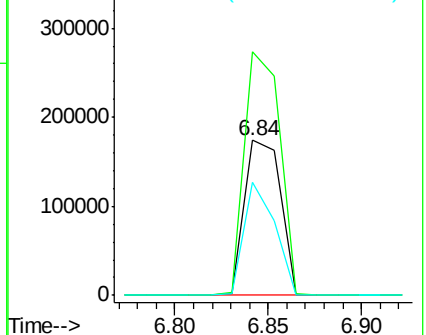
115 73.0 47.0 70.6#



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: 0.12 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.00 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

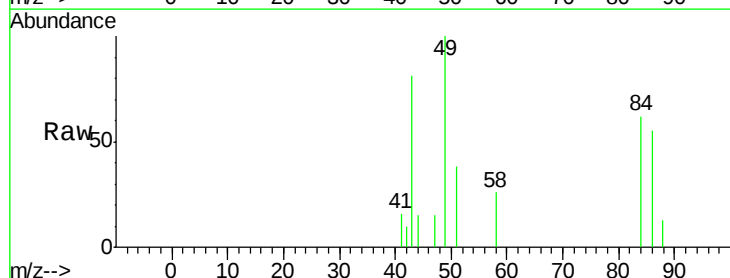
Tgt Ion: 88 Resp: 752

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

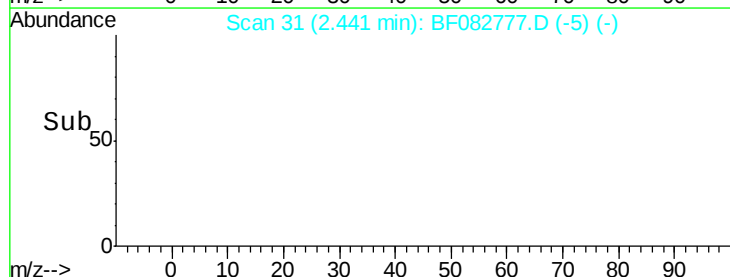
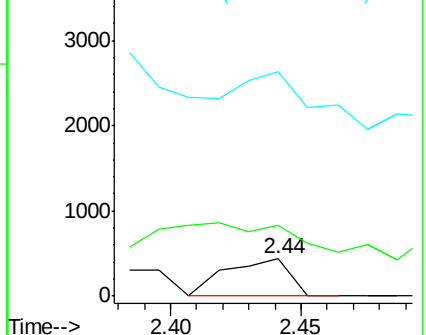
43 0.0 26.6 40.0#

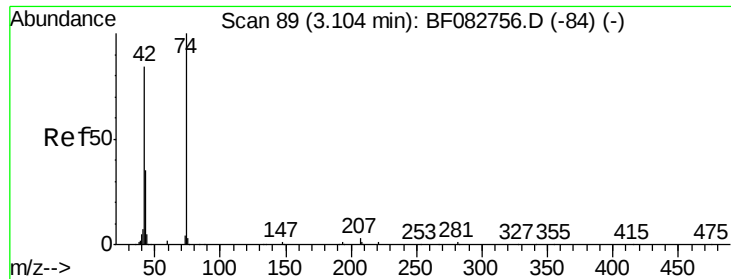


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

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ClientSampleId :

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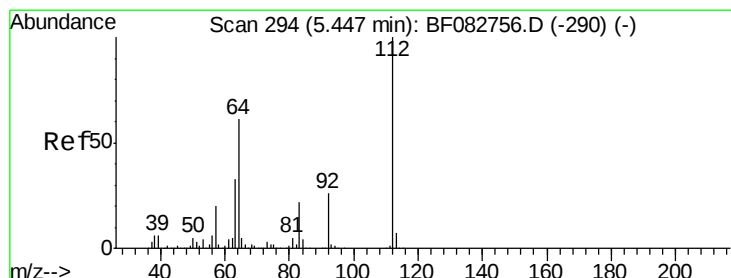
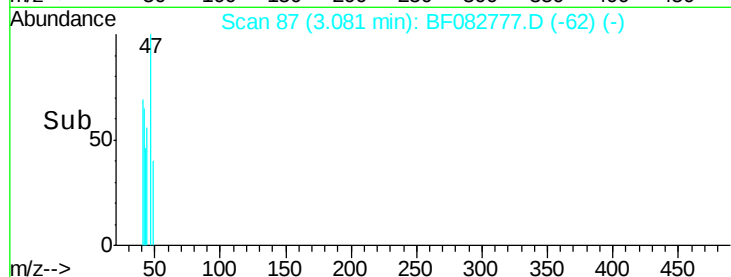
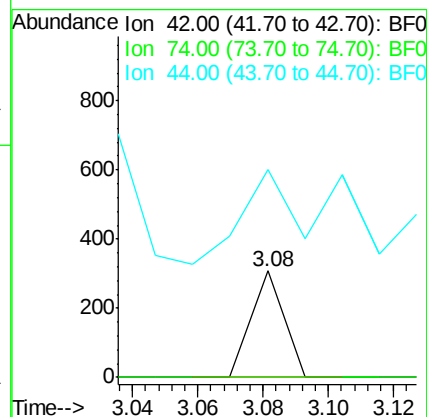
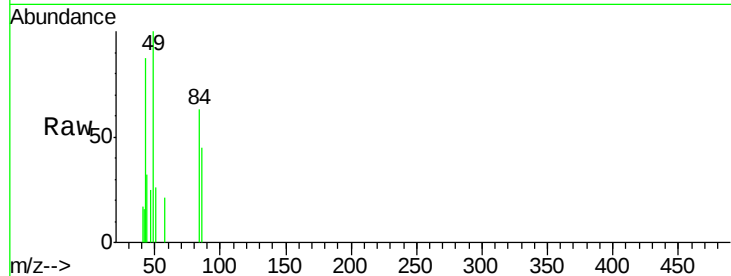
Tgt Ion: 42 Resp: 211

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 195.8 5.8 8.8#



#5

2-Fluorophenol

Concen: 106.65 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

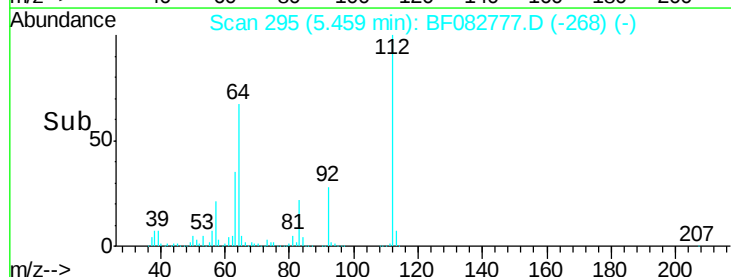
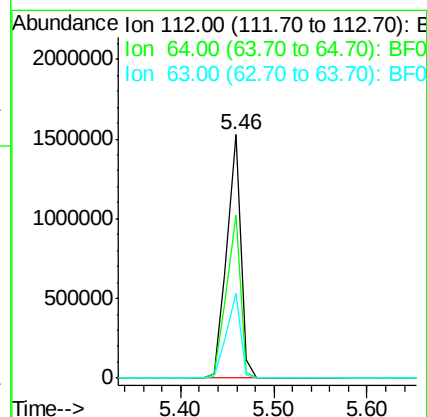
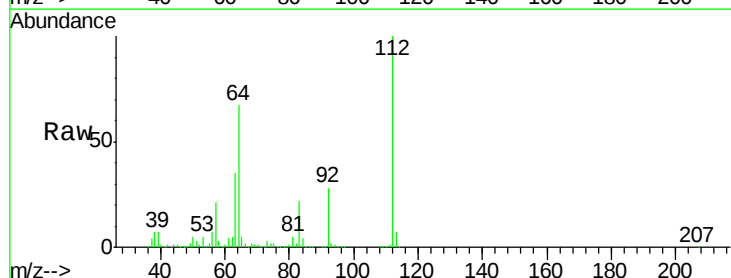
Tgt Ion: 112 Resp: 1597047

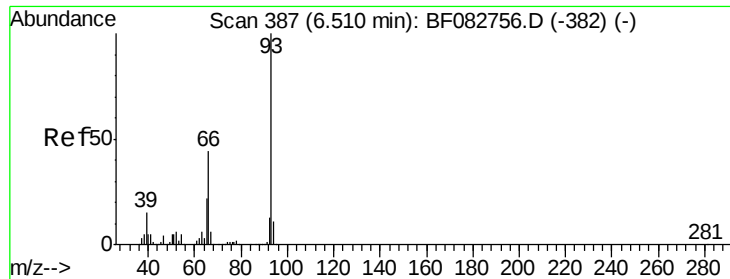
Ion Ratio Lower Upper

112 100

64 67.1 48.9 73.3

63 34.8 28.1 42.1





#6

Aniline

Concen: 0.07 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.10 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

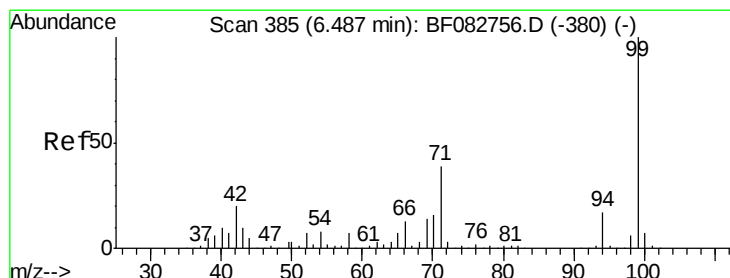
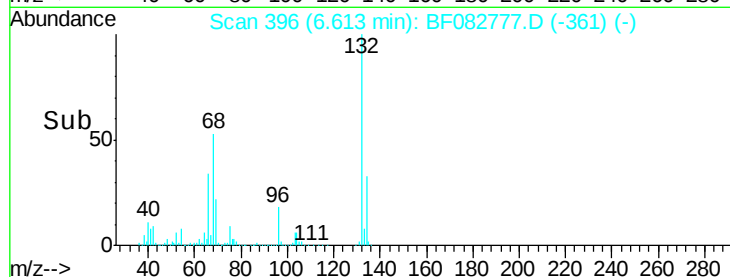
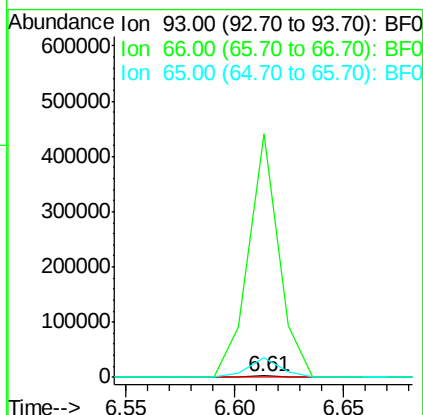
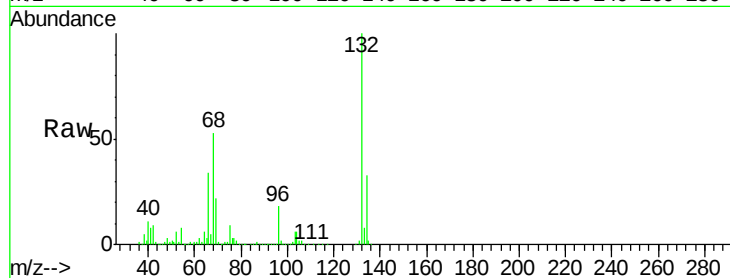
Tgt Ion: 93 Resp: 1932

Ion Ratio Lower Upper

93 100

66 22540.7 33.6 50.4#

65 1840.9 18.1 27.1#



#7

Phenol-d6

Concen: 104.67 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

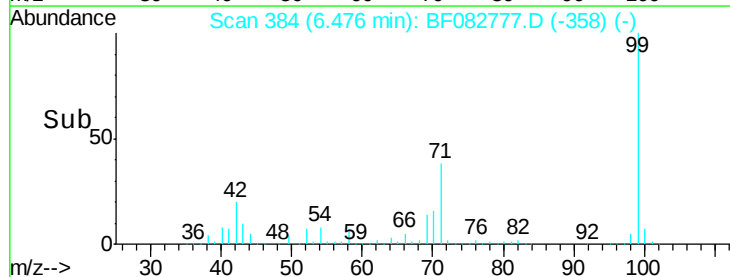
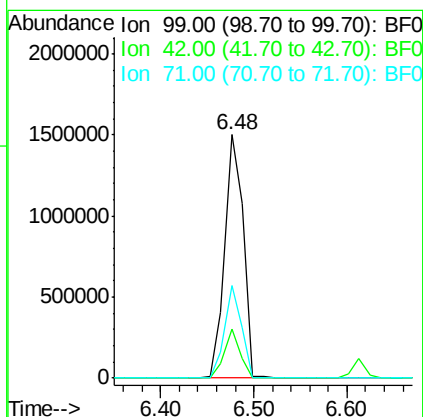
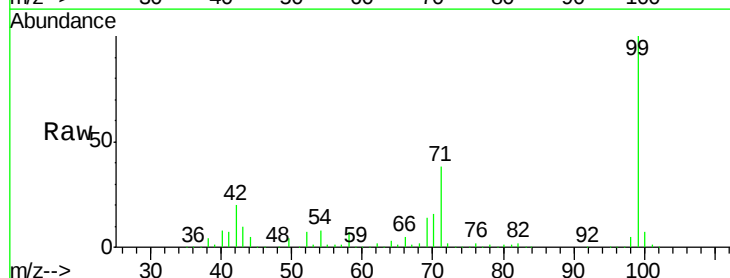
Tgt Ion: 99 Resp: 2083691

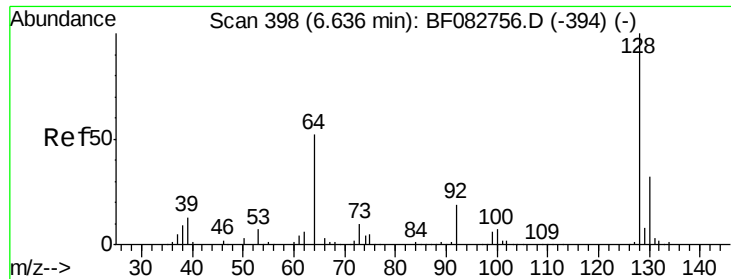
Ion Ratio Lower Upper

99 100

42 20.4 19.2 28.8

71 38.0 35.0 52.4





#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

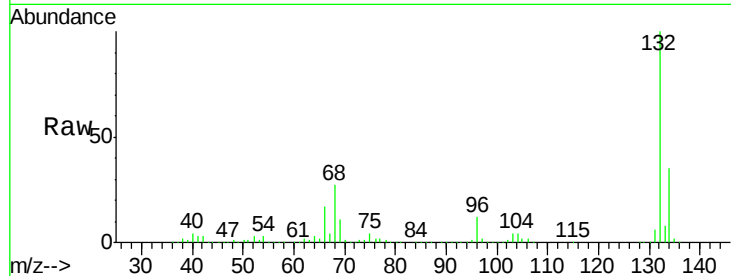
Tgt Ion:128 Resp: 775

Ion Ratio Lower Upper

128 100

130 165.6 13.5 53.5#

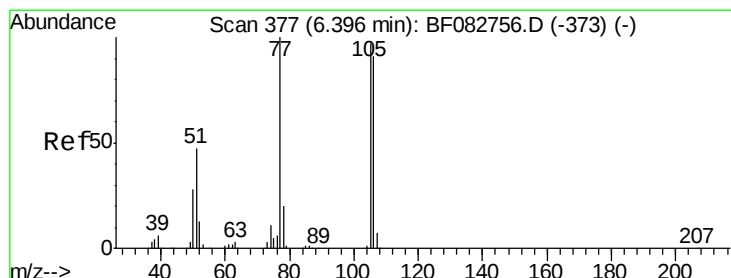
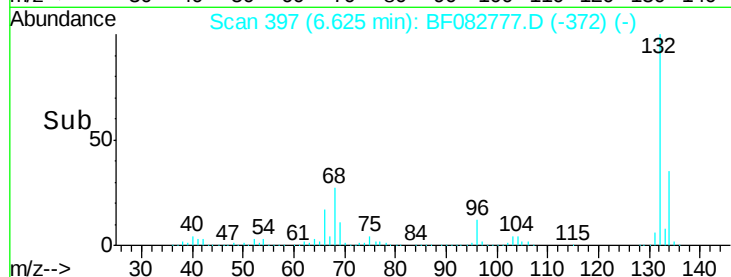
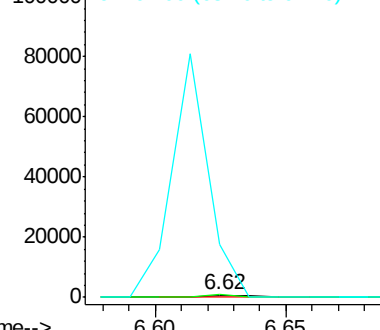
64 2755.1 21.1 61.1#



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: 3.38 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

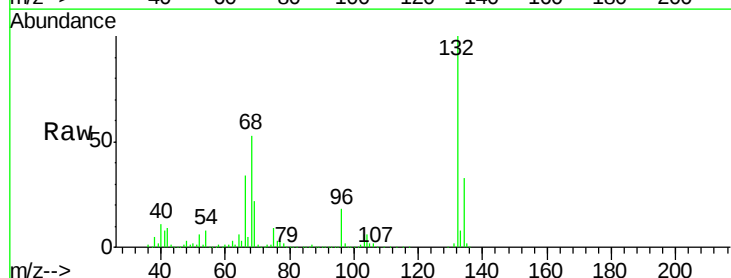
Tgt Ion: 77 Resp: 37202

Ion Ratio Lower Upper

77 100

105 72.4 63.5 103.5

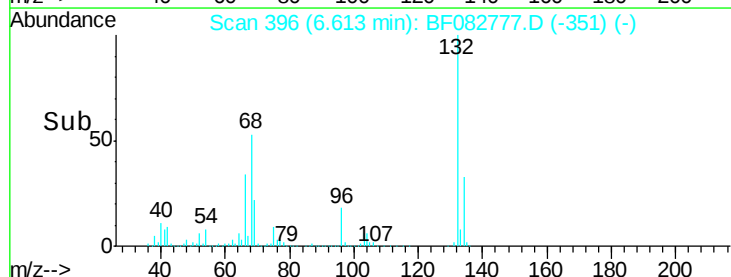
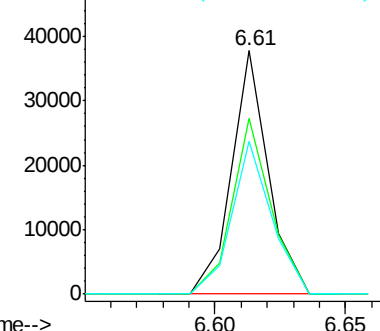
106 62.5 59.3 99.3

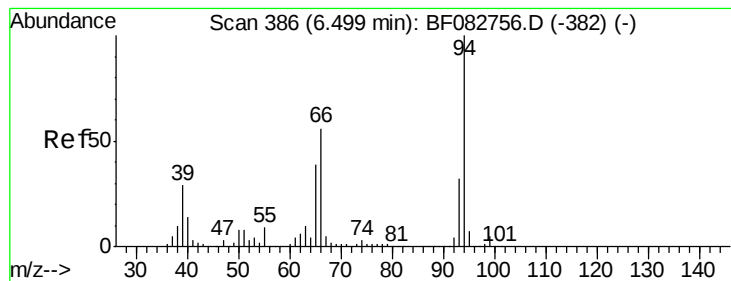


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.15 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.13 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

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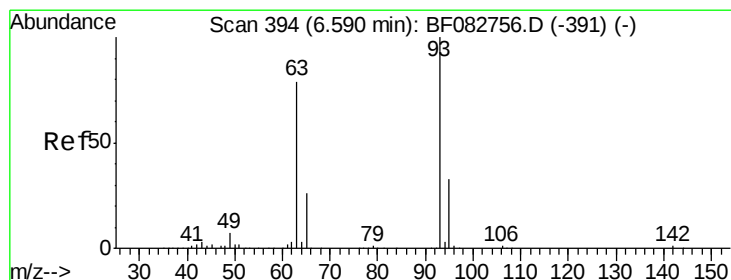
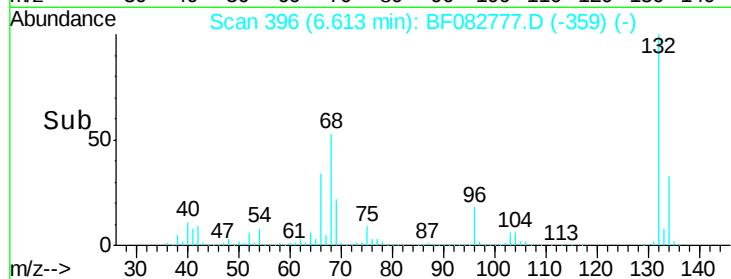
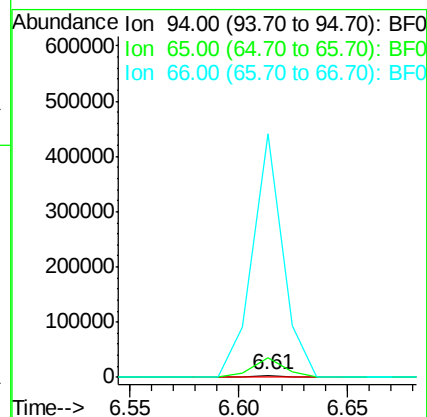
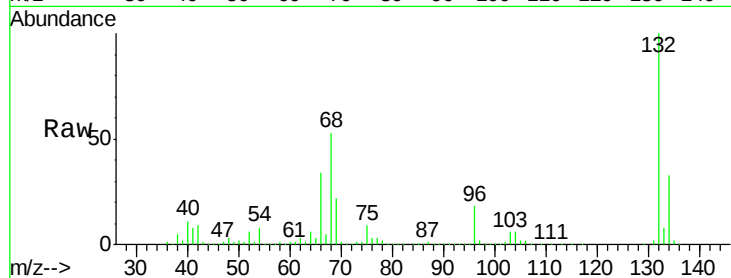
Tgt Ion: 94 Resp: 3422

Ion Ratio Lower Upper

94 100

65 1157.8 18.9 58.9#

66 14176.7 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

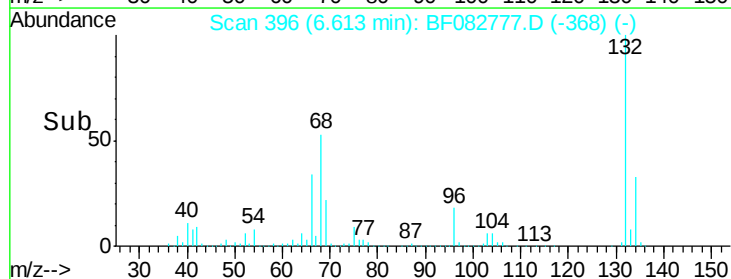
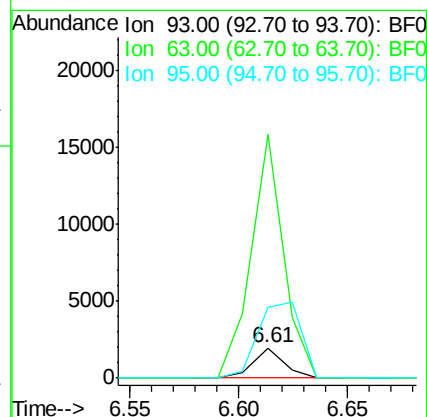
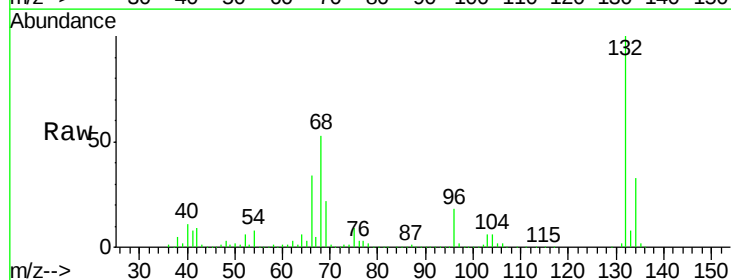
Tgt Ion: 93 Resp: 1932

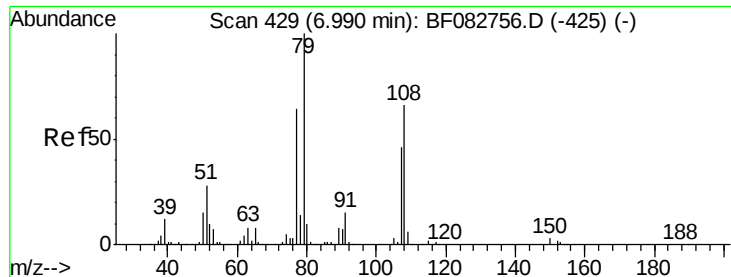
Ion Ratio Lower Upper

93 100

63 809.5 72.7 112.7#

95 236.3 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.27 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

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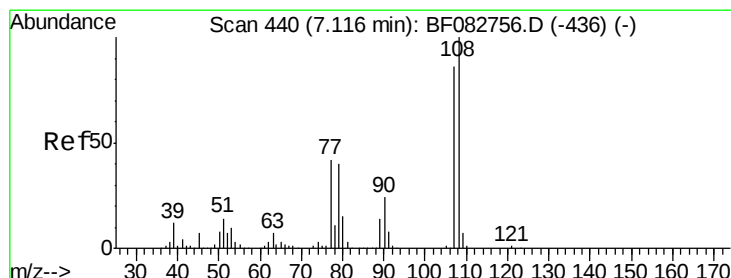
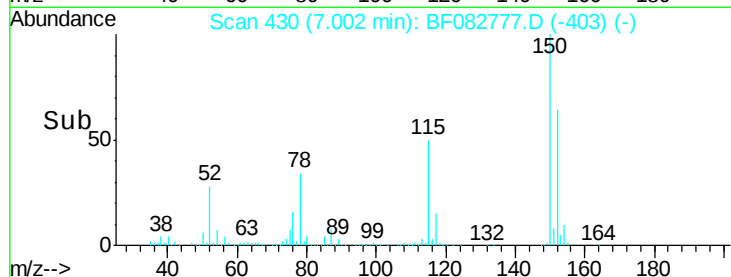
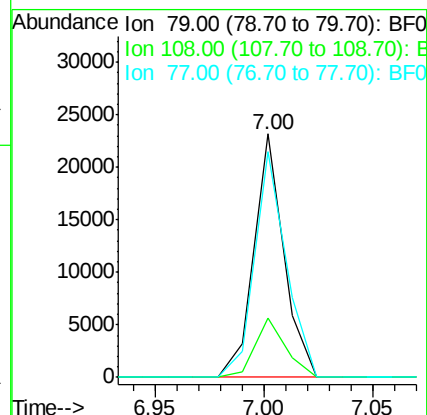
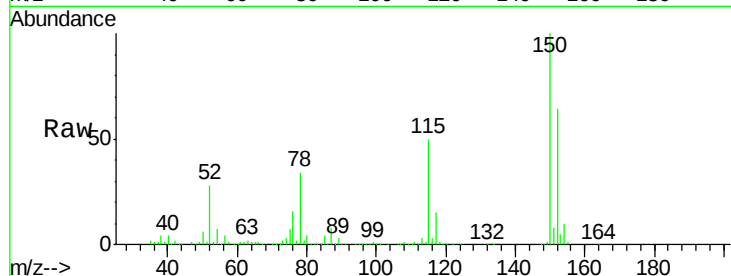
Tgt Ion: 79 Resp: 22190

Ion Ratio Lower Upper

79 100

108 24.4 52.2 78.4#

77 92.6 52.7 79.1#



#17

2-Methylphenol

Concen: 0.01 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.10 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Tgt Ion: 107 Resp: 206

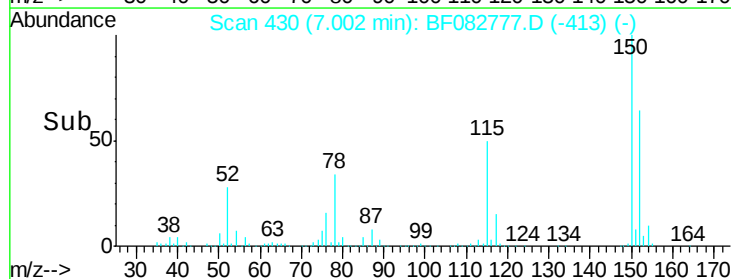
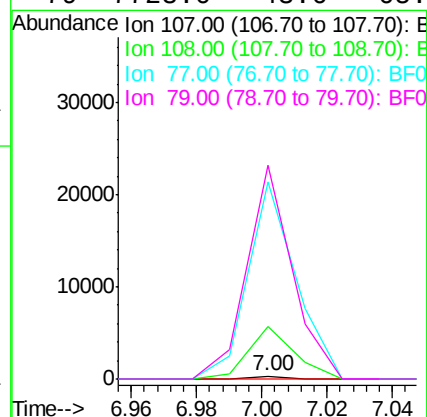
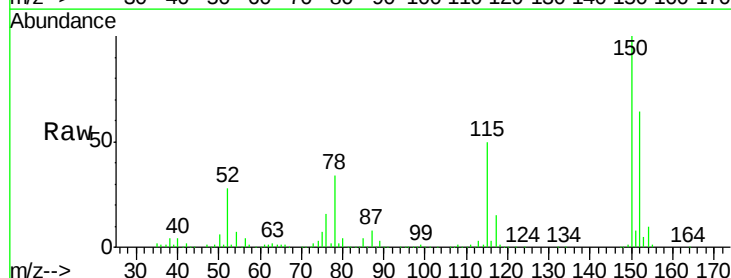
Ion Ratio Lower Upper

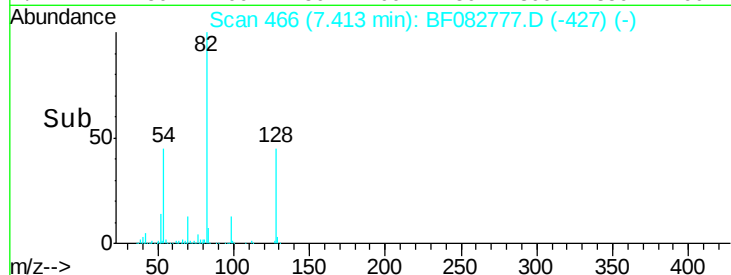
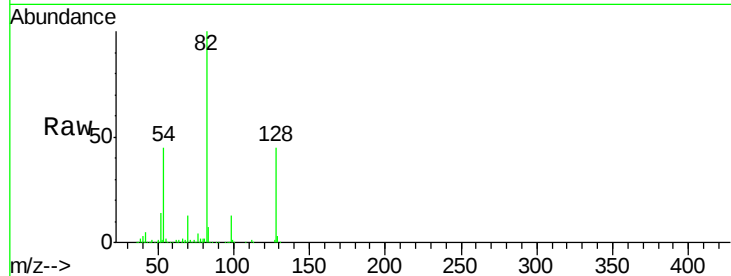
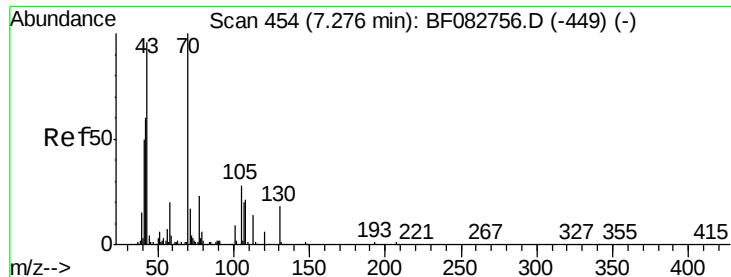
107 100

108 1883.0 93.0 139.4#

77 7154.7 44.1 66.1#

79 7728.0 43.6 65.4#

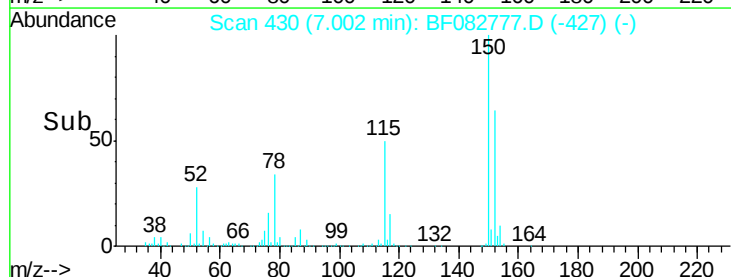
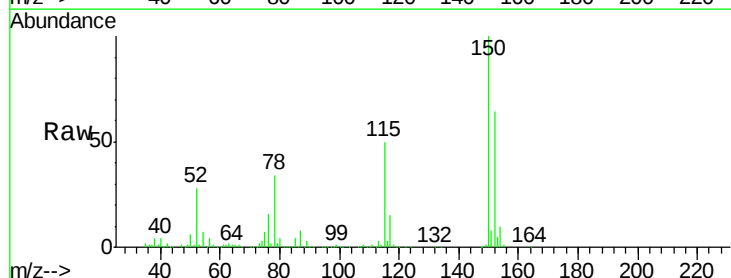
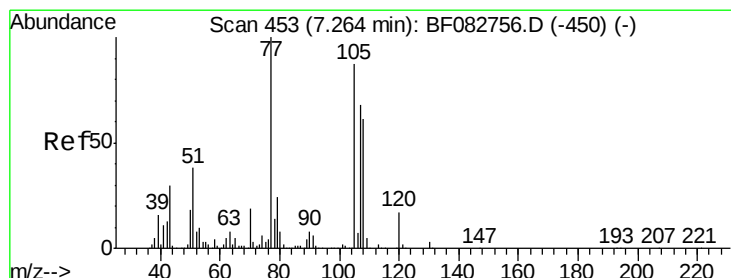
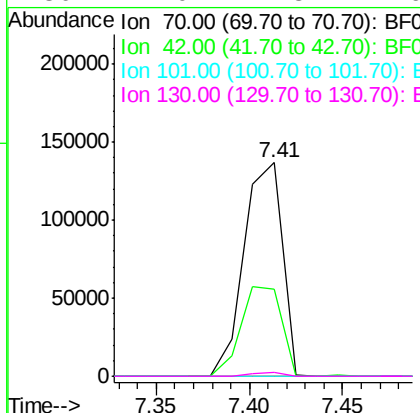




#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

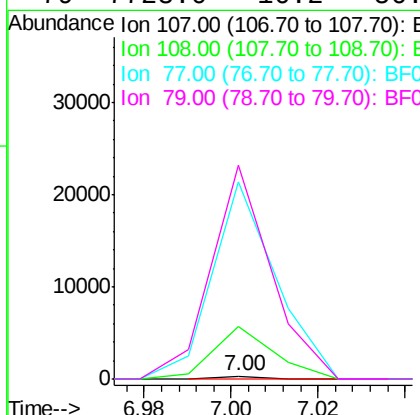
Instrument :
BNA_F
ClientSampleId :
PB86432TB

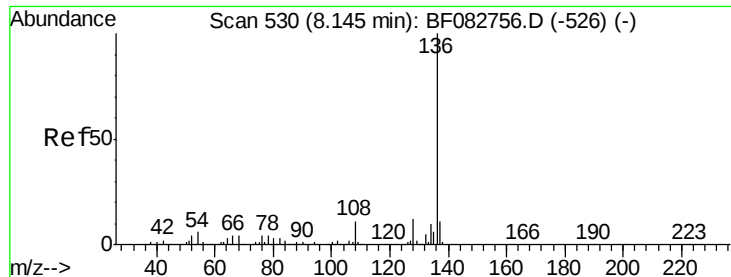
Tgt Ion: 70 Resp: 194524
Ion Ratio Lower Upper
70 100
42 40.9 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#



#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.26 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion: 107 Resp: 206
Ion Ratio Lower Upper
107 100
108 1883.0 67.3 107.3#
77 7154.7 100.3 140.3#
79 7728.0 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

Tgt Ion: 136 Resp: 928524

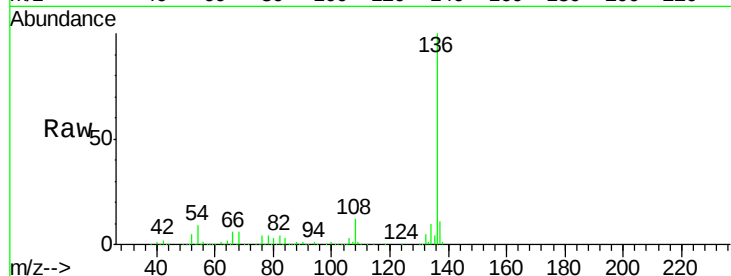
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.8 9.1 13.7#

68 6.3 4.8 7.2

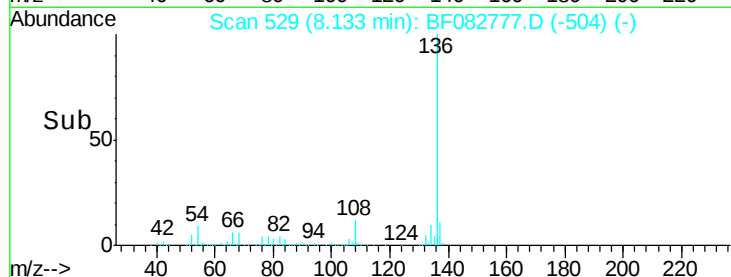


Abundance Ion 136.00 (135.70 to 136.70): E

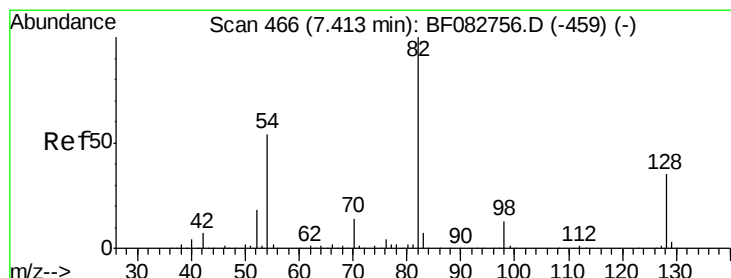
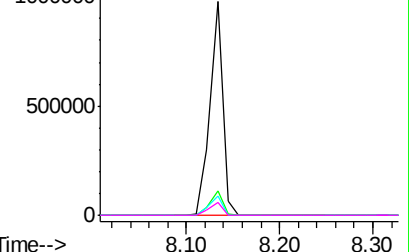
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.90 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

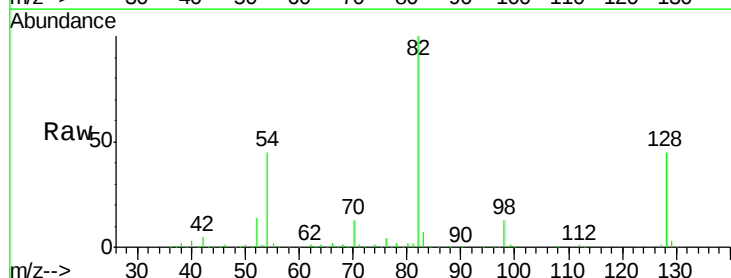
Tgt Ion: 82 Resp: 1470228

Ion Ratio Lower Upper

82 100

128 44.6 26.8 40.2#

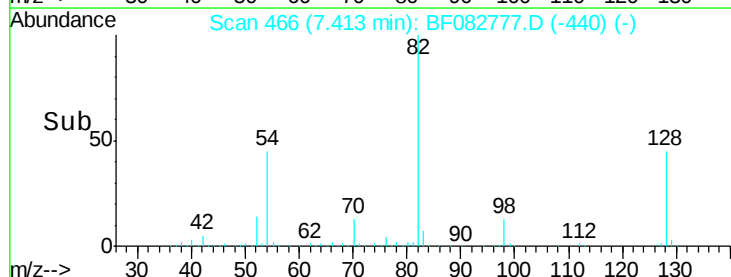
54 44.9 45.7 68.5#



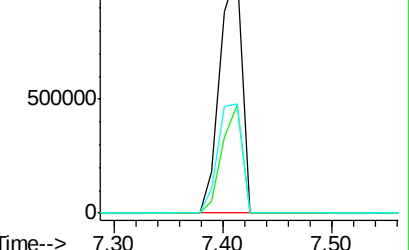
Abundance Ion 82.00 (81.70 to 82.70): BF0

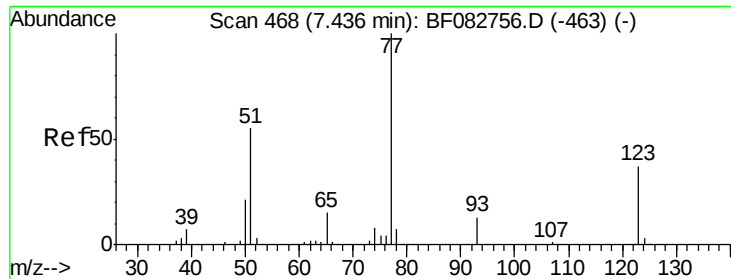
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

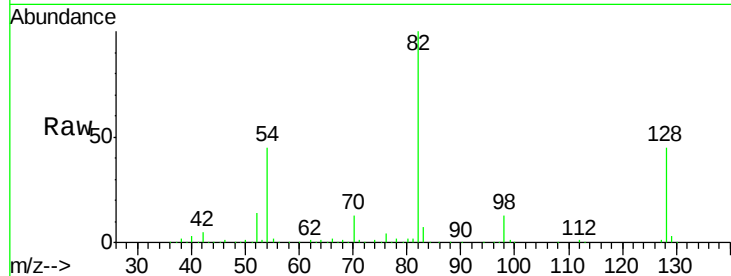
Tgt Ion: 77 Resp: 4620

Ion Ratio Lower Upper

77 100

123 0.0 36.4 54.6#

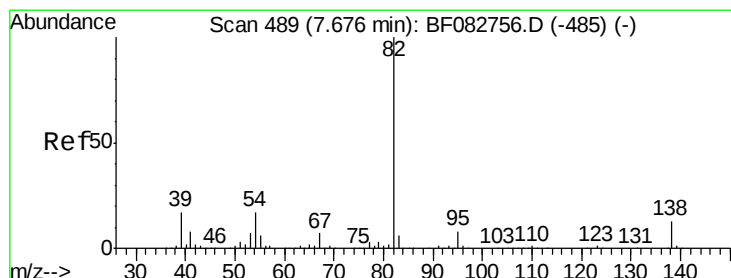
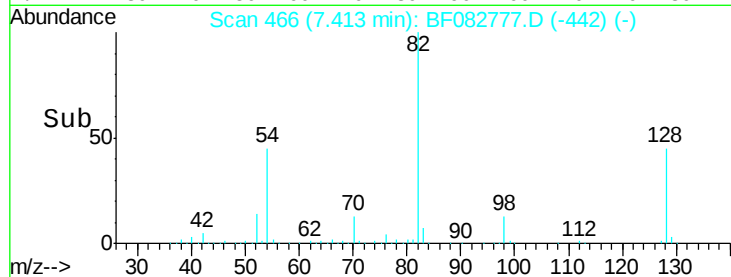
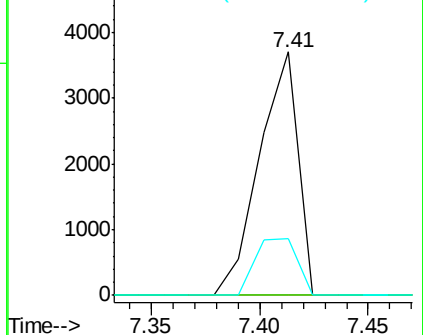
65 23.2 11.5 17.3#



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: 34.09 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

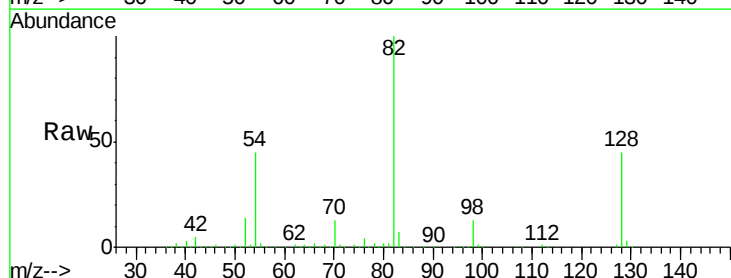
Tgt Ion: 82 Resp: 1345984

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

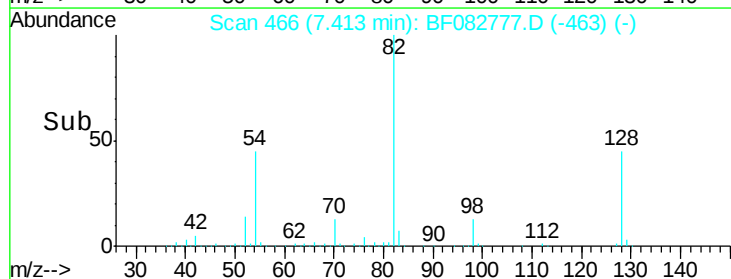
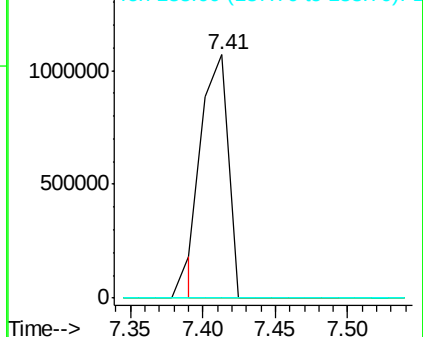
138 0.0 11.4 17.0#

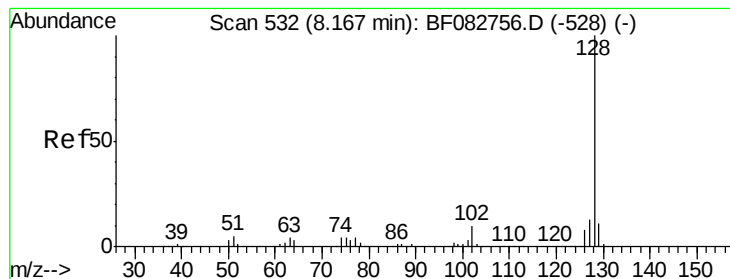


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 8.26 min Scan# 540

Delta R.T. 0.10 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

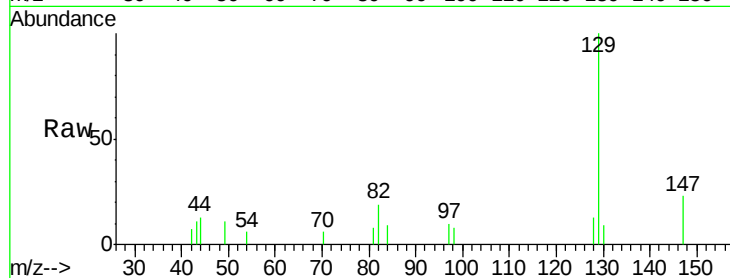
Tgt Ion:128 Resp: 875

Ion Ratio Lower Upper

128 100

129 760.0 9.5 14.3#

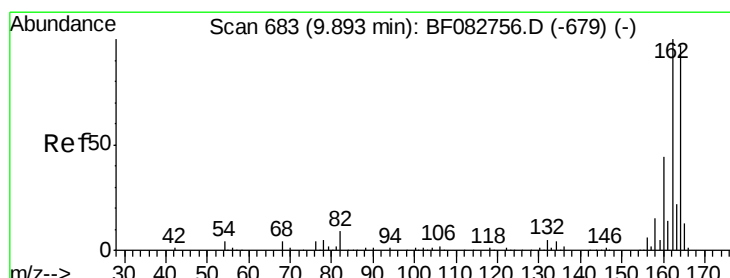
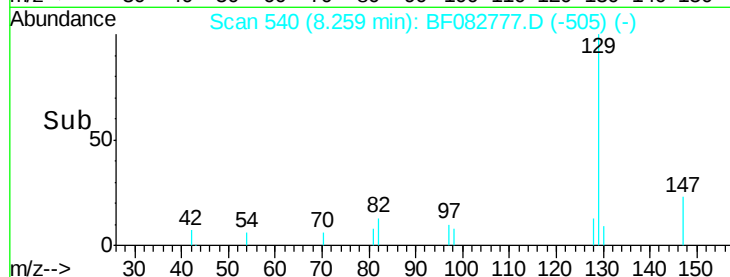
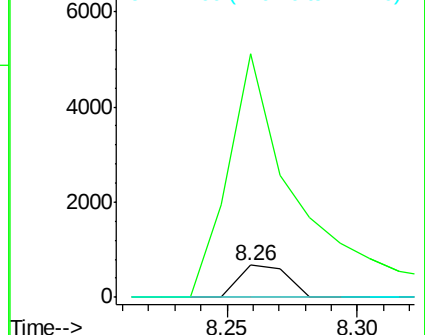
127 0.0 11.4 17.0#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

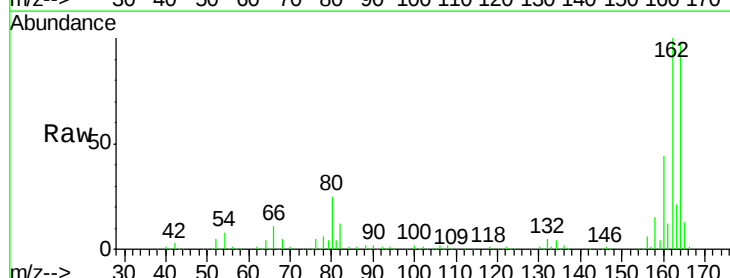
Tgt Ion:164 Resp: 454527

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

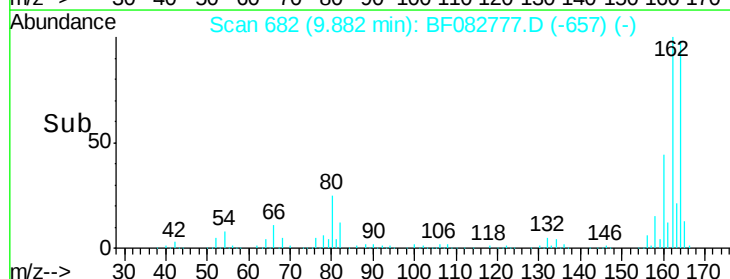
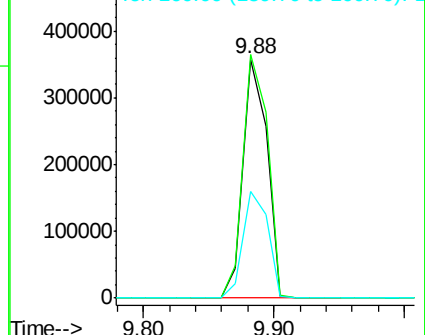
160 44.7 37.5 56.3

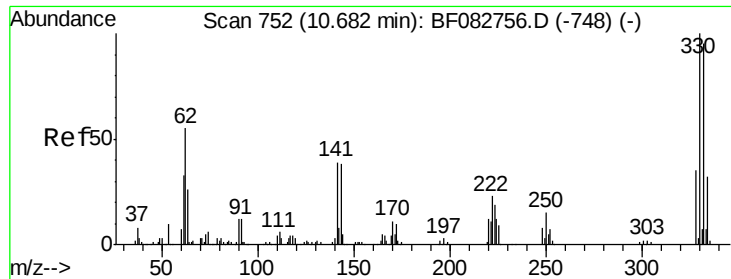


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

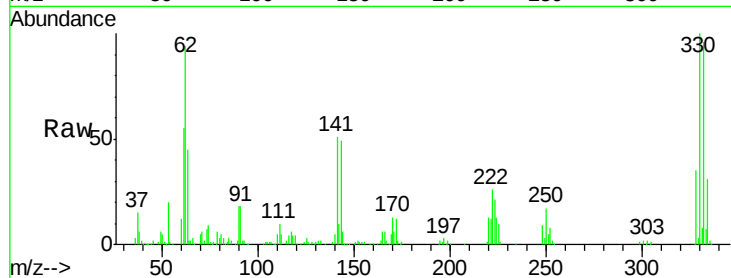




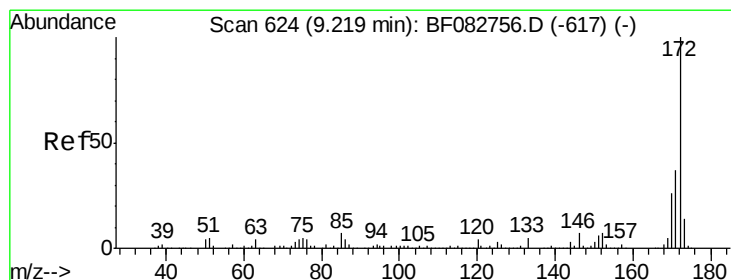
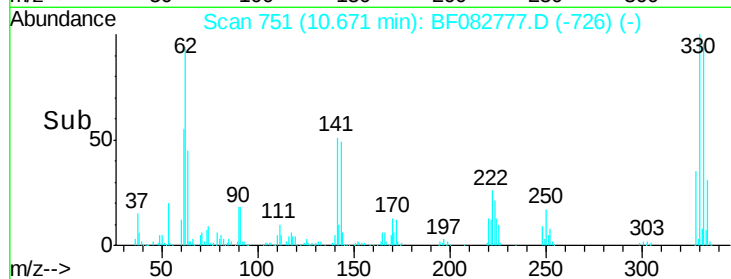
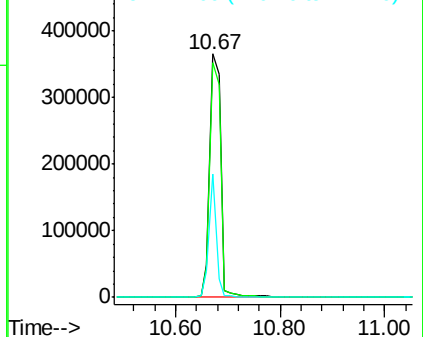
#41
 2,4,6-Tribromophenol
 Concen: 104.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Tgt Ion:330 Resp: 545629
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 33.2 41.2 61.8#

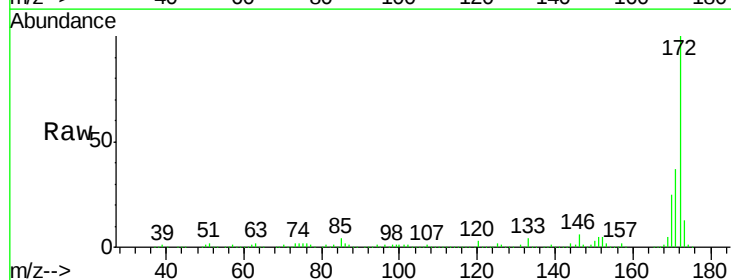


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

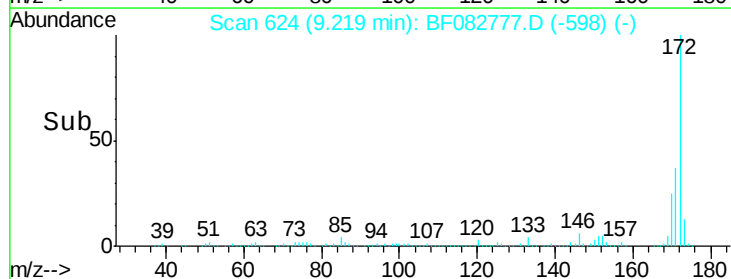
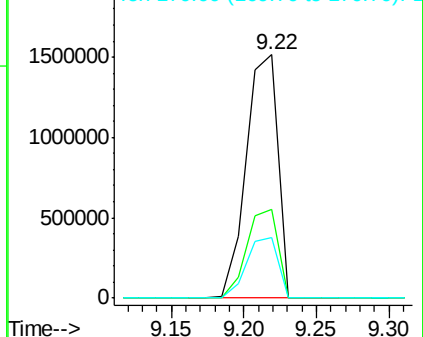


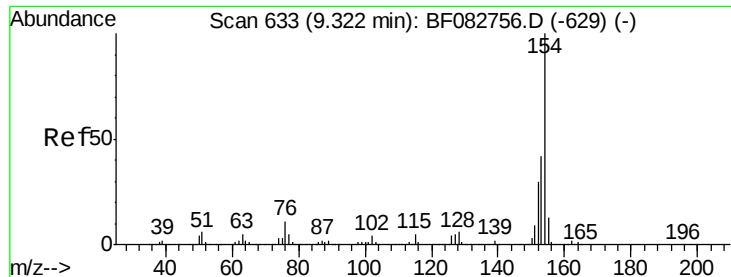
#44
 2-Fluorobiphenyl
 Concen: 72.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Tgt Ion:172 Resp: 2293995
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.9 21.2 31.8



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: 9.21 min Scan# 623

Delta R.T. -0.11 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

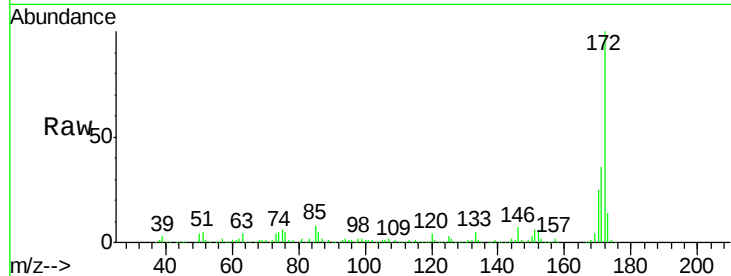
Tgt Ion:154 Resp: 4819

Ion Ratio Lower Upper

154 100

153 832.2 22.0 62.0#

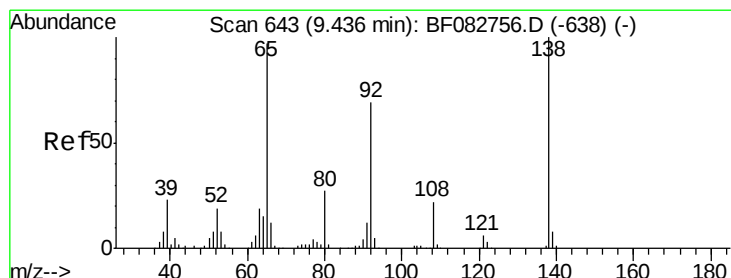
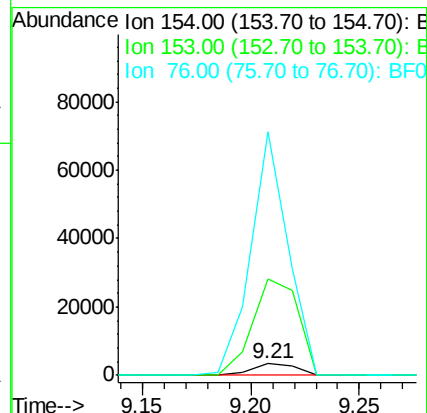
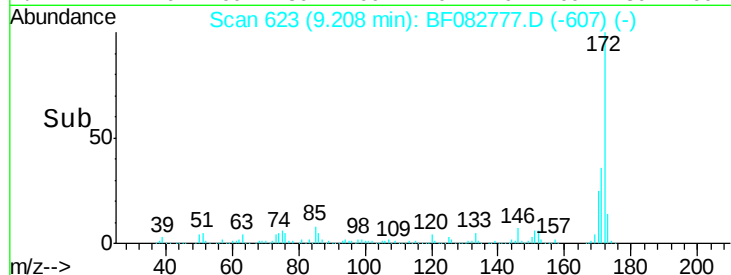
76 2103.8 0.0 29.0#



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: 0.36 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.22 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

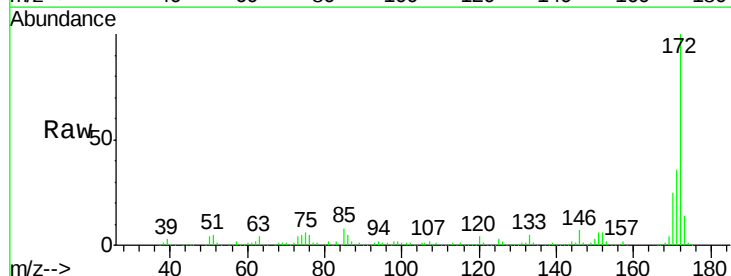
Tgt Ion: 65 Resp: 4016

Ion Ratio Lower Upper

65 100

92 189.1 46.6 70.0#

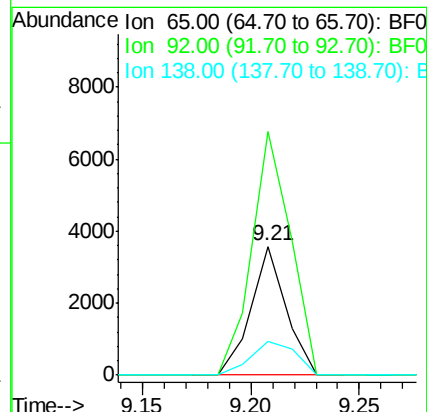
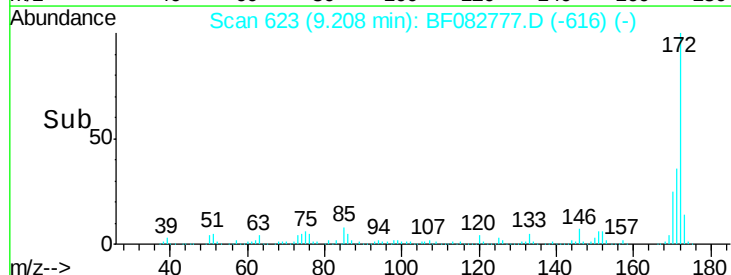
138 26.2 54.6 81.8#

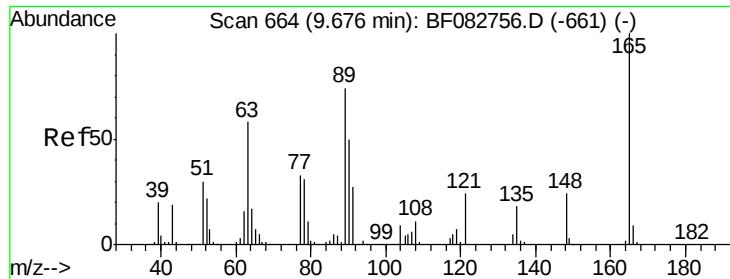


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

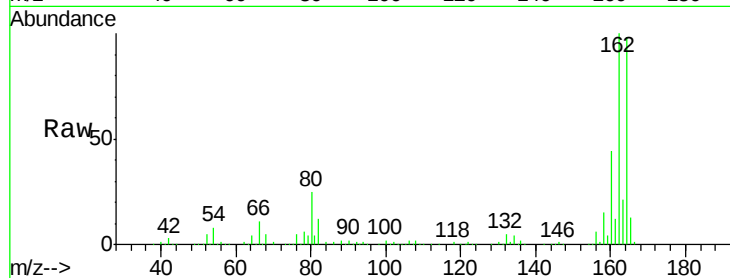




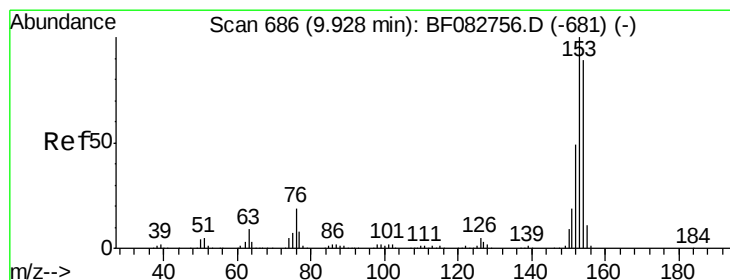
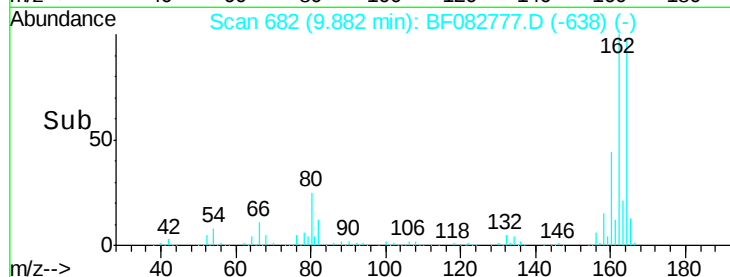
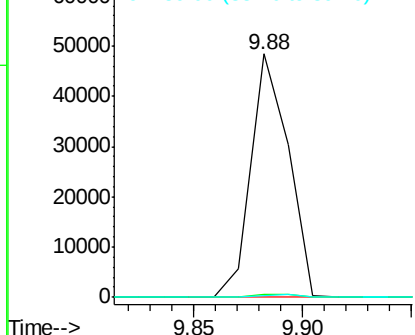
#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB86432TB

Tgt Ion:165 Resp: 58262
Ion Ratio Lower Upper
165 100
63 1.2 55.5 83.3#
89 0.9 55.0 82.6#

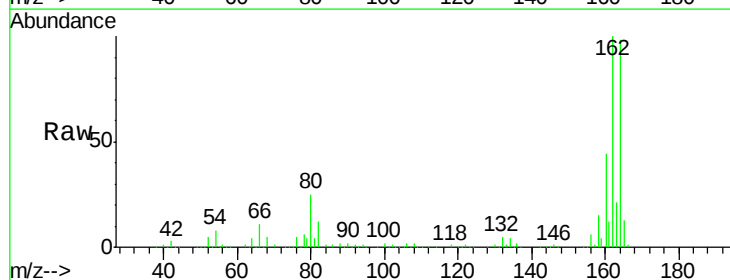


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

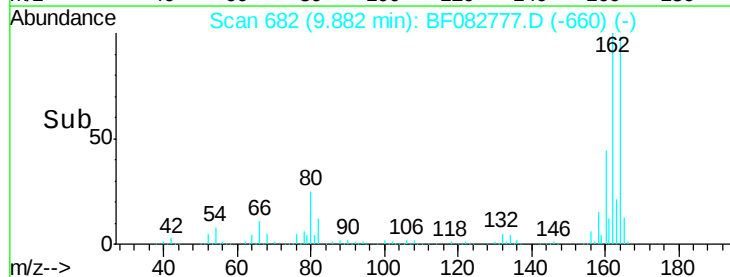
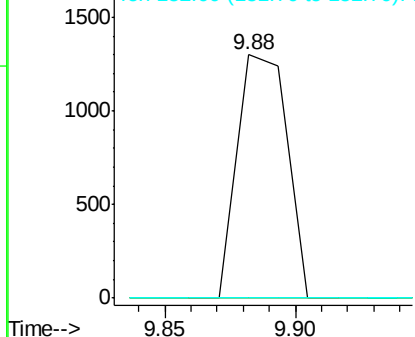


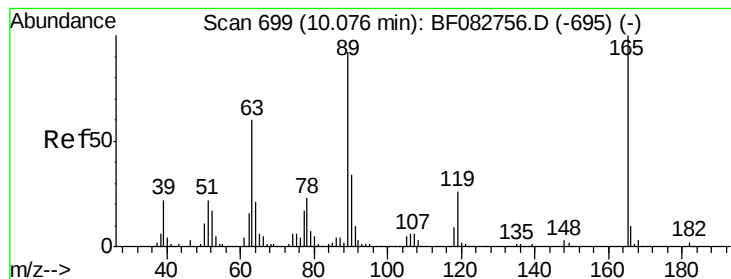
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion:154 Resp: 1741
Ion Ratio Lower Upper
154 100
153 0.0 90.1 135.1#
152 0.0 44.3 66.5#



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: 5.40 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

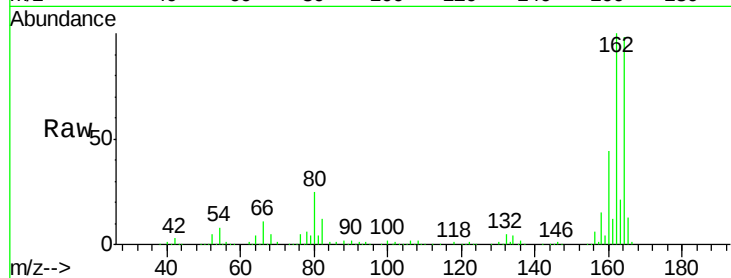
Instrument :

BNA_F

ClientSampleId :

PB86432TB

Tgt Ion:	165	Resp:	58251
Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	0.9	70.6	106.0#
182	0.0	1.5	2.3#

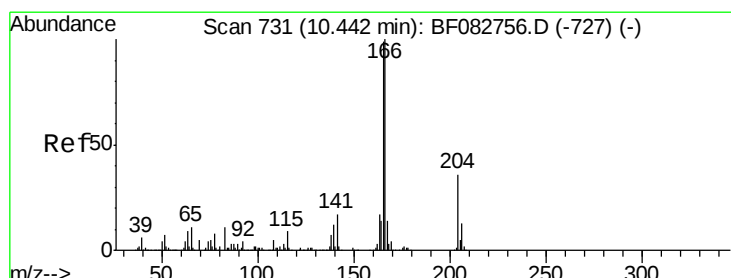
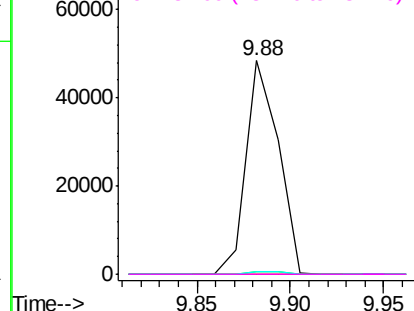
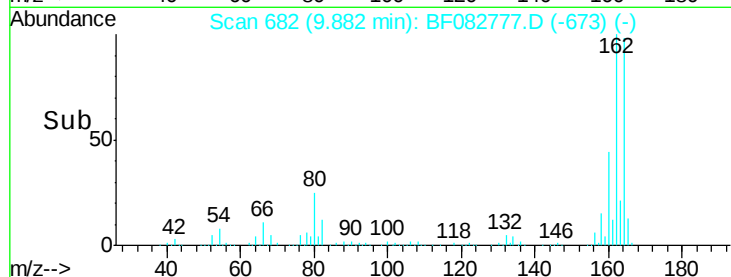


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.64 ng

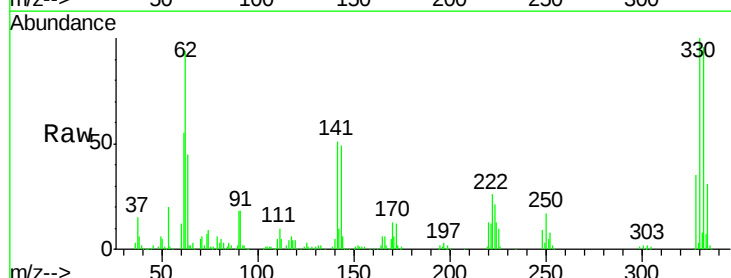
RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

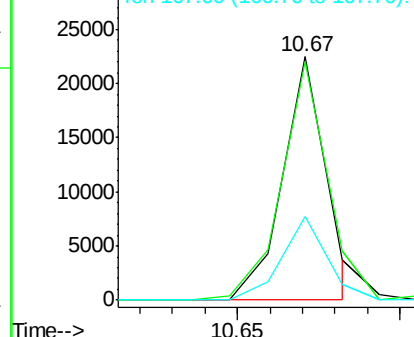
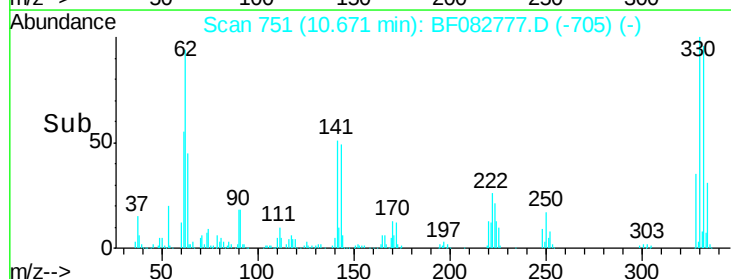
Tgt Ion:	166	Resp:	20954
Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.2	120.4
167	34.3	11.2	16.8#

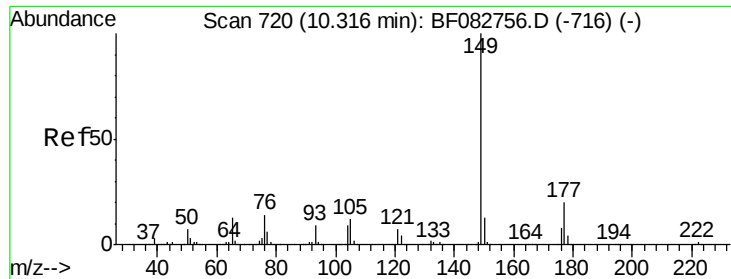


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

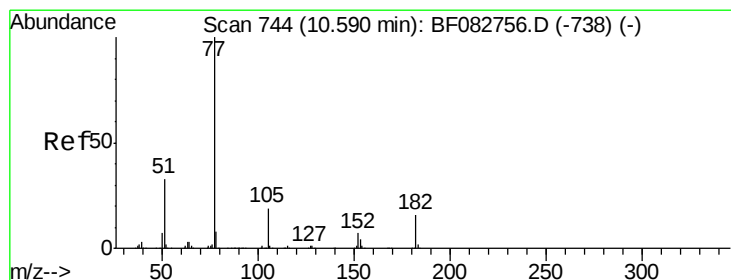
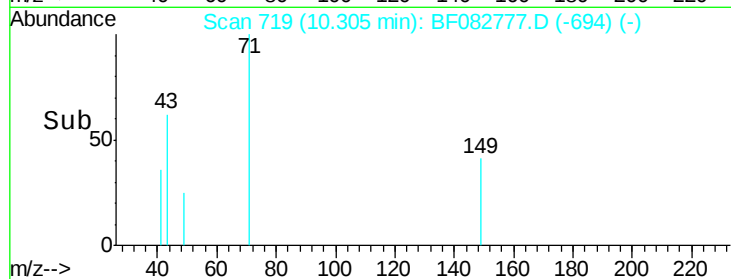
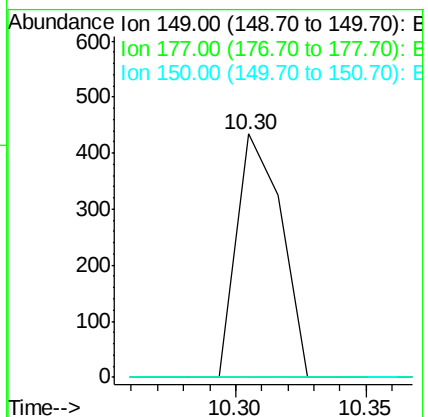
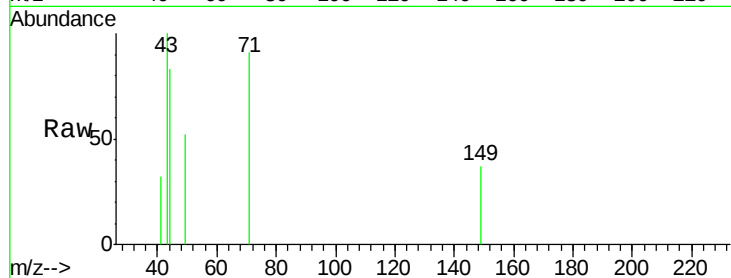




#59
Diethylphthalate
Concen: 0.01 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

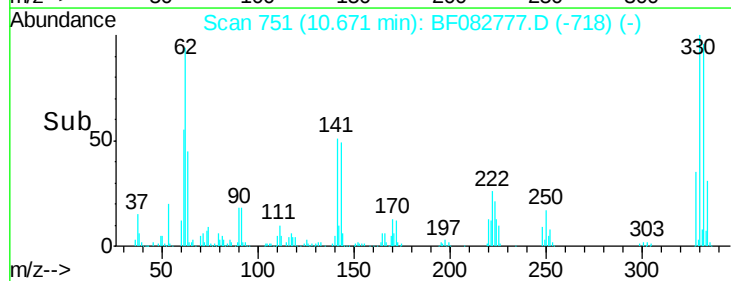
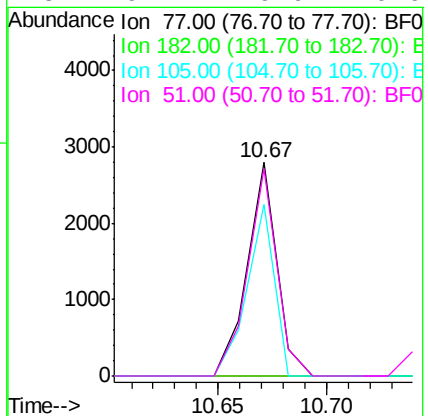
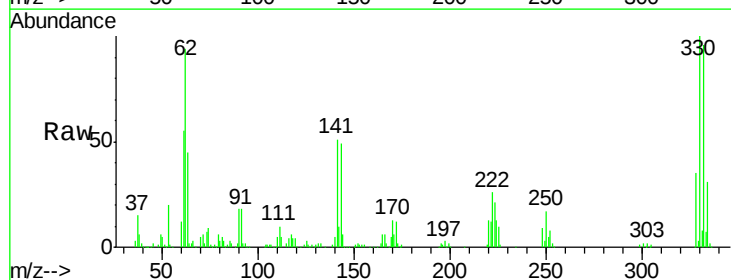
Instrument :
BNA_F
ClientSampleId :
PB86432TB

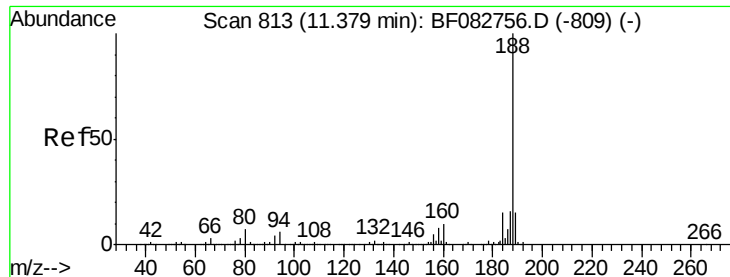
Tgt Ion: 149 Resp: 521
Ion Ratio Lower Upper
149 100
177 0.0 17.9 26.9#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.07 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.08 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion: 77 Resp: 2651
Ion Ratio Lower Upper
77 100
182 0.0 9.3 49.3#
105 80.6 2.6 42.6#
51 97.1 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

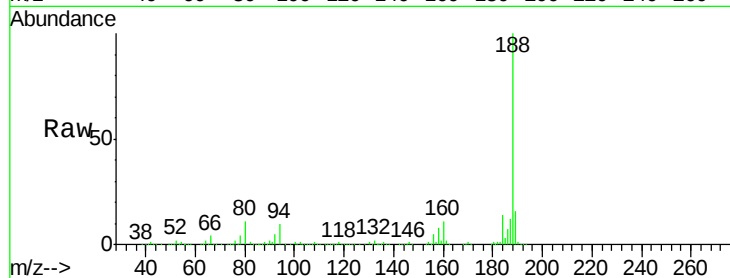
Tgt Ion:188 Resp: 907995

Ion Ratio Lower Upper

188 100

94 9.9 6.1 9.1#

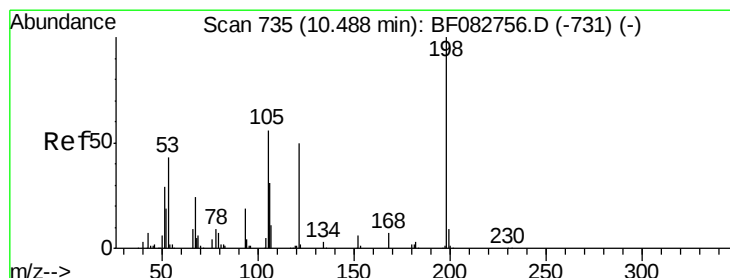
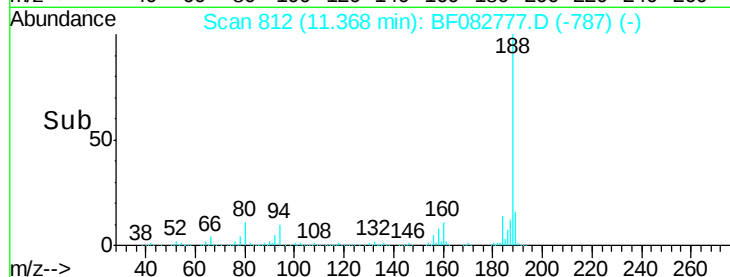
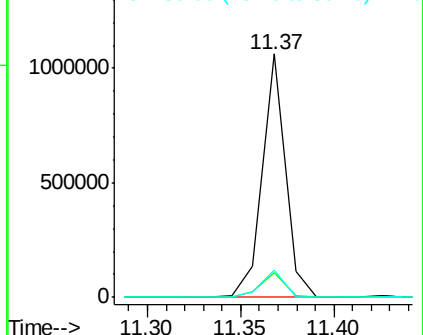
80 11.0 7.0 10.6#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 0.18 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.18 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

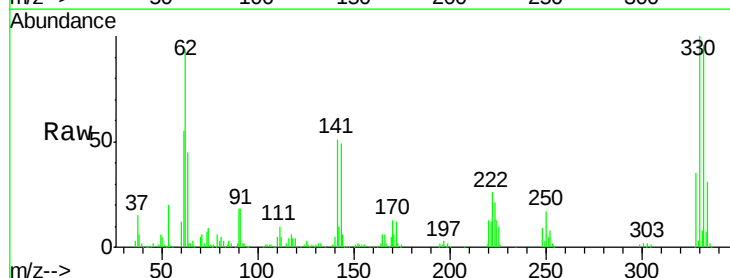
Tgt Ion:198 Resp: 1175

Ion Ratio Lower Upper

198 100

51 194.4 17.3 57.3#

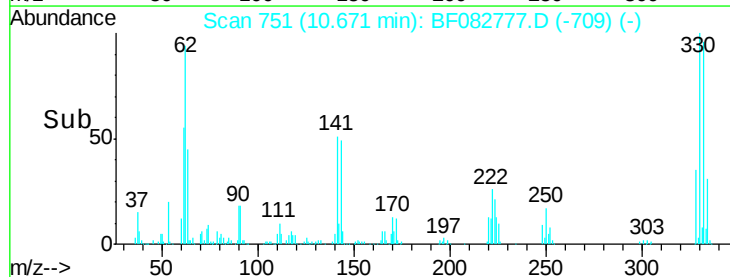
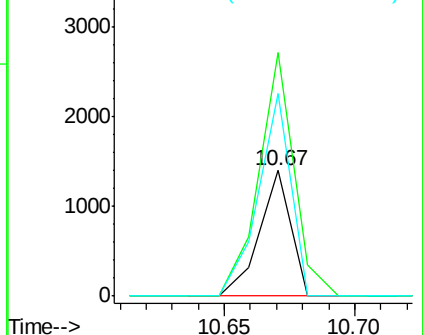
105 161.3 21.7 61.7#

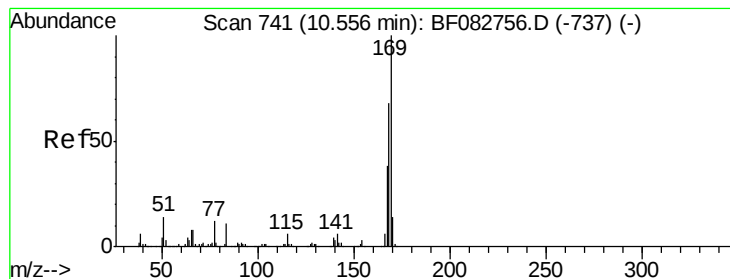


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.51 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.11 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

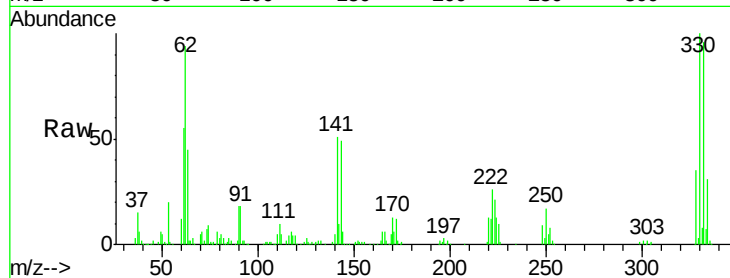
Tgt Ion:169 Resp: 16647

Ion Ratio Lower Upper

169 100

168 7.7 55.0 82.6#

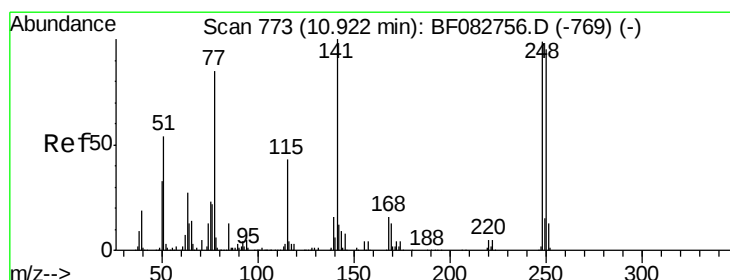
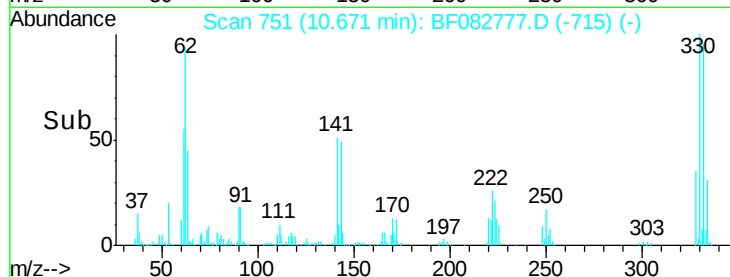
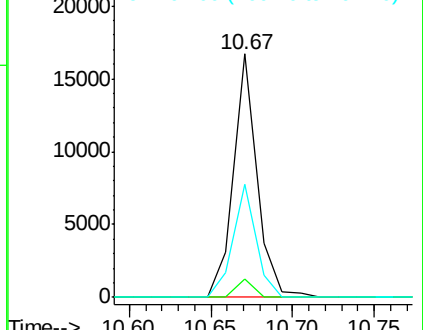
167 46.2 30.5 45.7#



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: 3.20 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

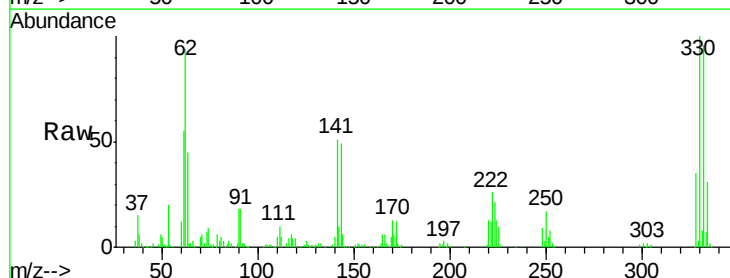
Tgt Ion:248 Resp: 35015

Ion Ratio Lower Upper

248 100

250 189.9 79.4 119.2#

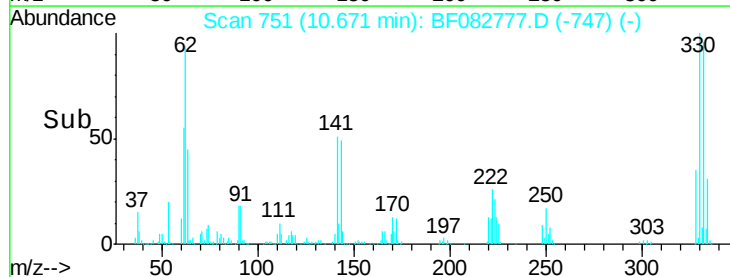
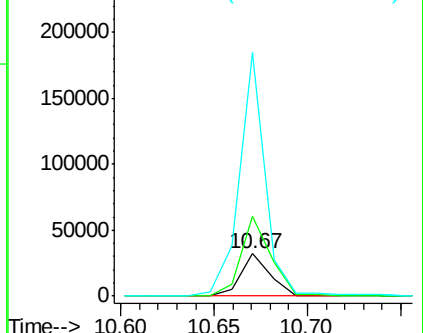
141 579.0 36.3 54.5#

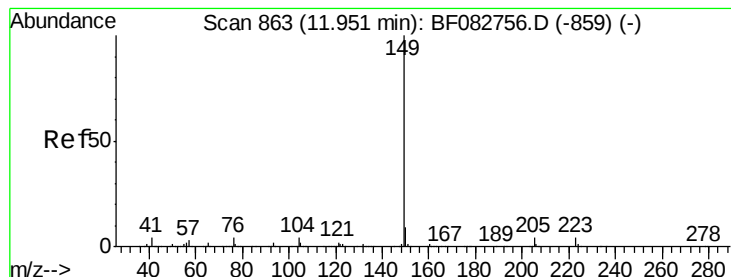


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.02 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB86432TB

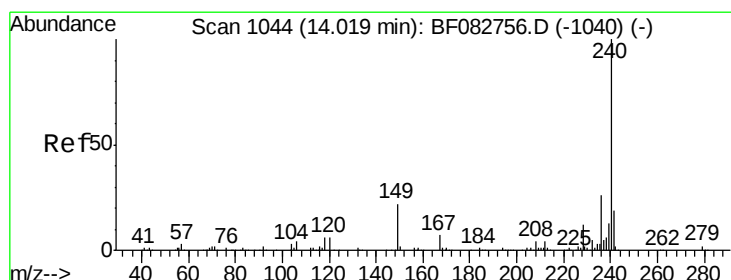
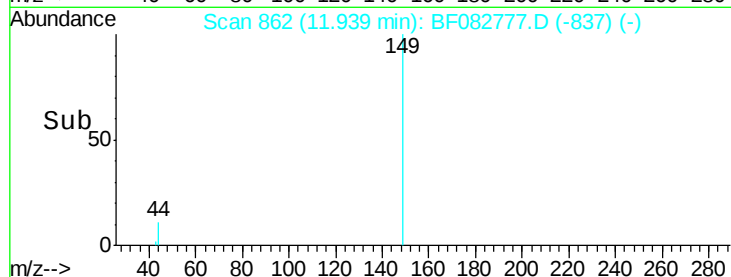
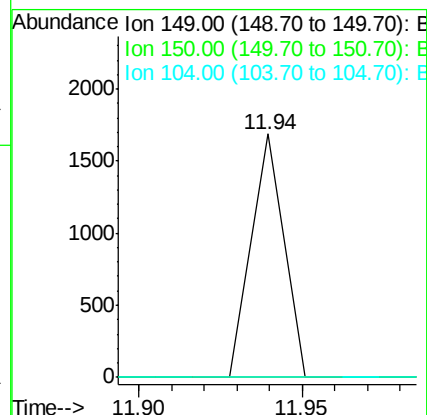
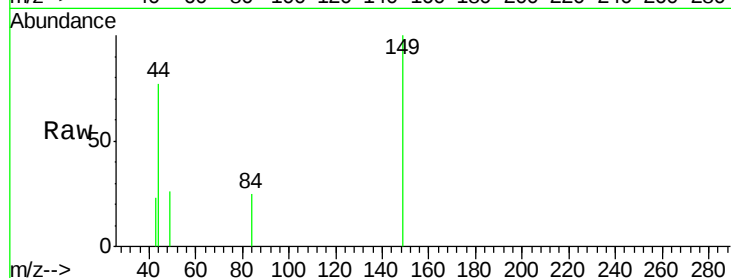
Tgt Ion:149 Resp: 1158

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 5.2 7.8#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082777.D

Acq: 6 Nov 2015 22:53

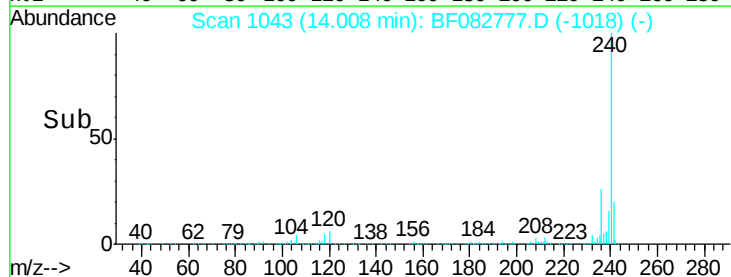
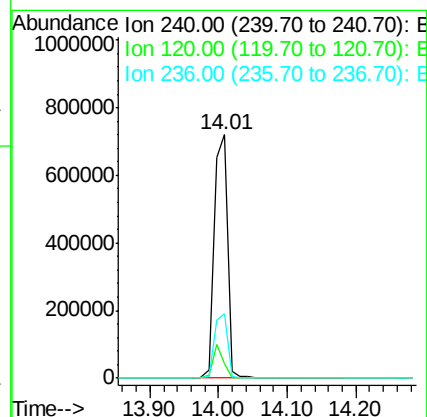
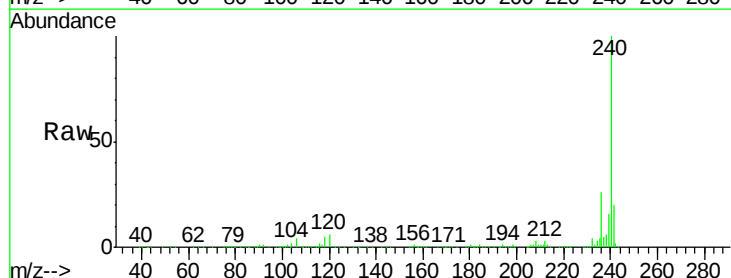
Tgt Ion:240 Resp: 984702

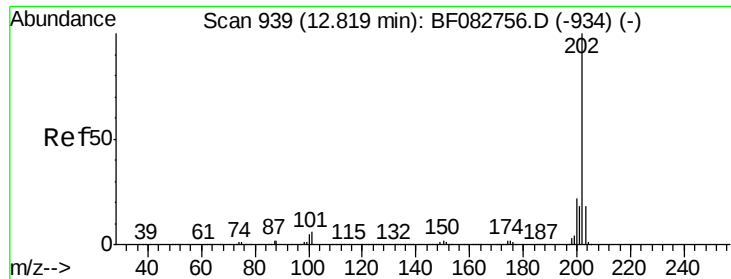
Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

236 26.3 21.6 32.4

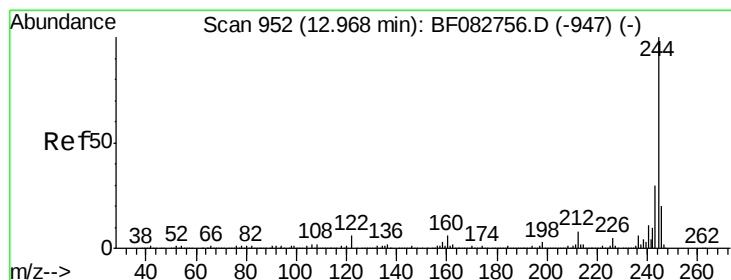
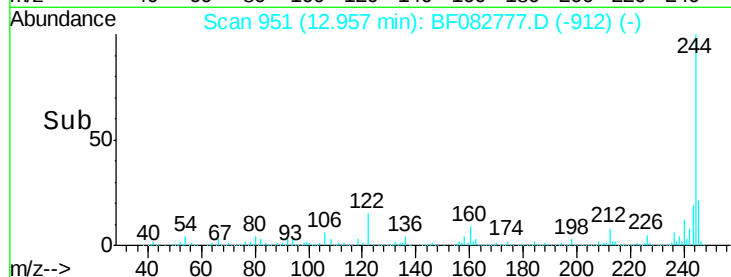
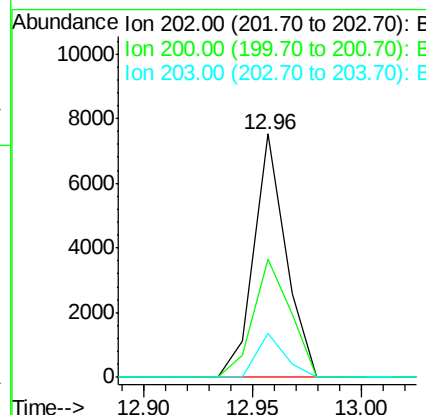
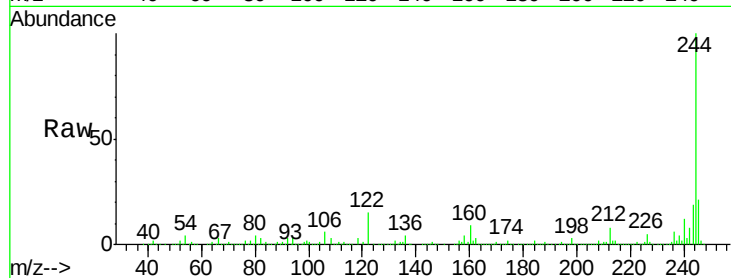




#77
 Pyrene
 Concen: 0.11 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.15 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

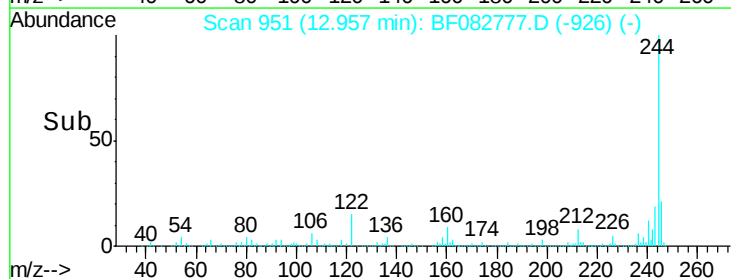
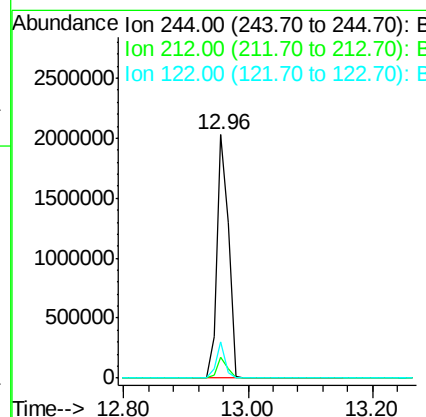
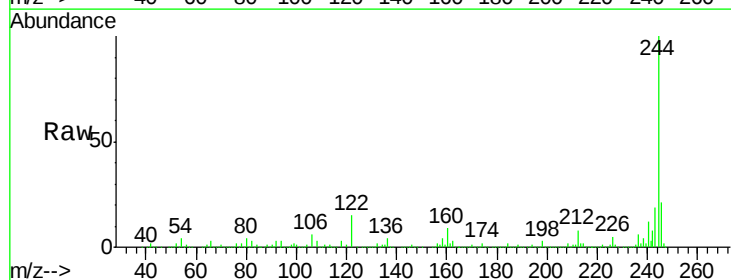
Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

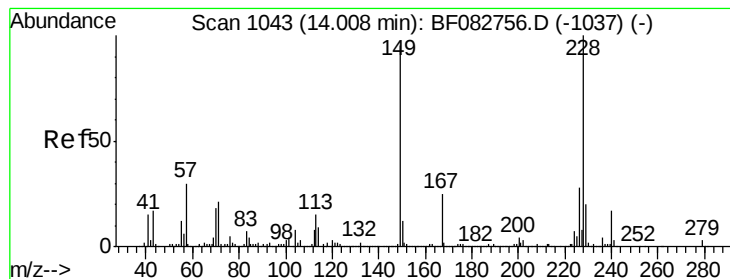
Tgt Ion: 202 Resp: 7690
 Ion Ratio Lower Upper
 202 100
 200 48.8 18.7 28.1#
 203 18.3 14.8 22.2



#78
 Terphenyl-d14
 Concen: 61.28 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Tgt Ion: 244 Resp: 2544322
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 14.9 11.3 16.9

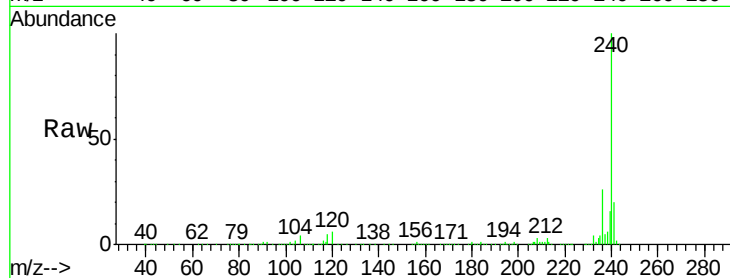




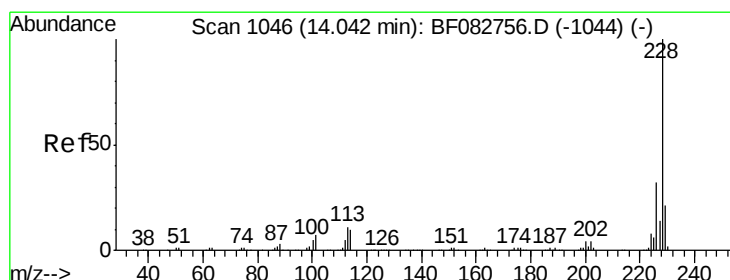
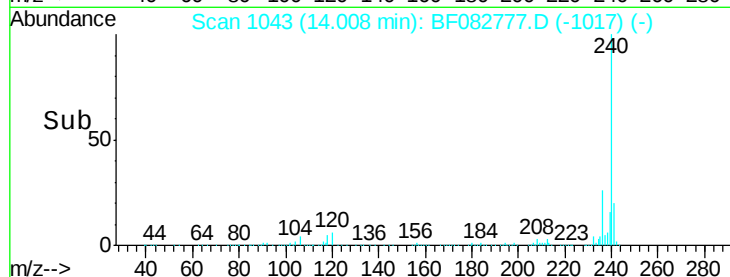
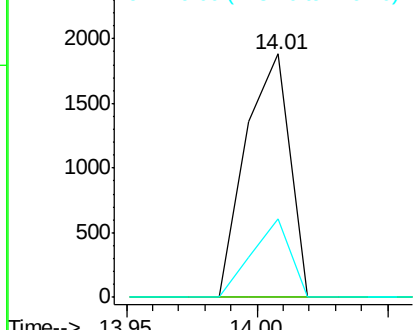
#80
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86432TB

Tgt Ion:228 Resp: 2222
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.4 35.2#
 229 32.3 16.3 24.5#

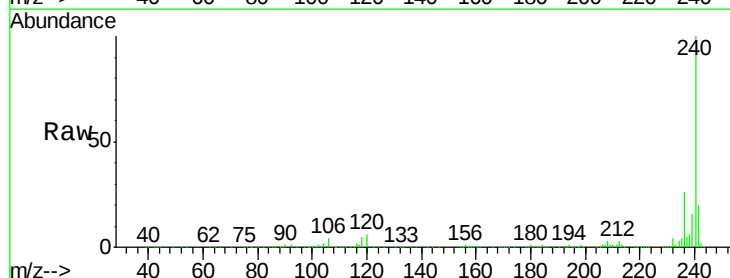


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

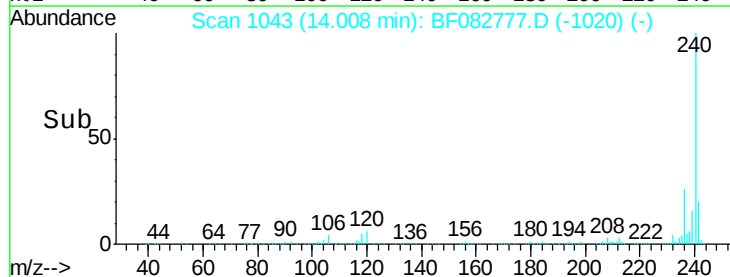
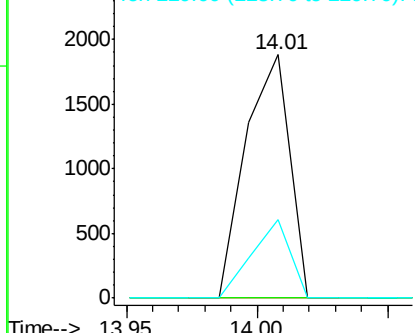


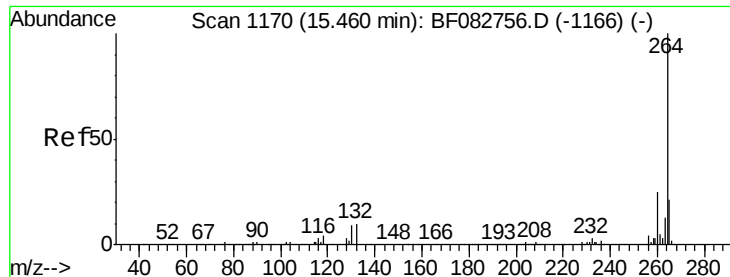
#82
 Chrysene
 Concen: 0.04 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082777.D
 Acq: 6 Nov 2015 22:53

Tgt Ion:228 Resp: 2222
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.5 38.3#
 229 32.3 16.3 24.5#



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

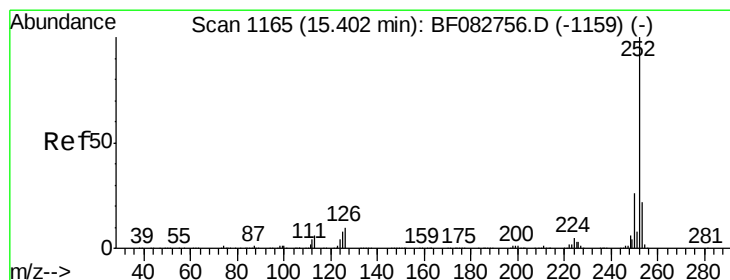
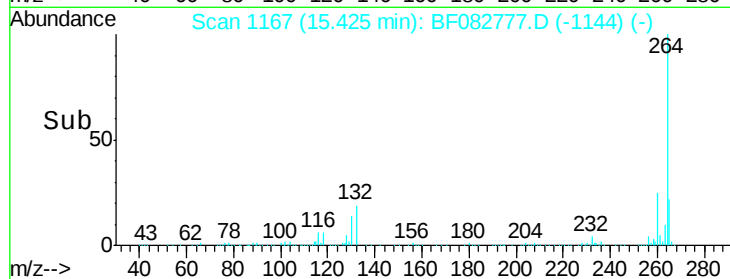
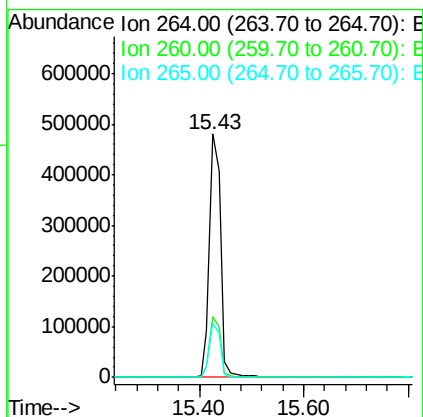
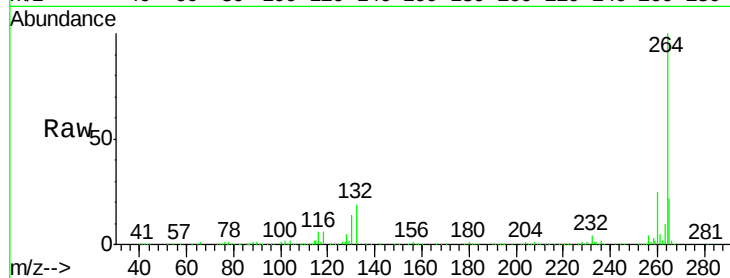




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB86432TB

Tgt Ion: 264 Resp: 716392
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 22.4 17.4 26.0



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF082777.D
Acq: 6 Nov 2015 22:53

Tgt Ion: 252 Resp: 2103
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 0.0 7.1 10.7#

