

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082771.D
 Acq On : 6 Nov 2015 19:58
 Operator : UM/IZ
 Sample : PB86163BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Quant Time: Nov 07 03:07:33 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	253307	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1038669	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	515911	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	1015115	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	994408	20.00	ng	-0.01
86) Perylene-d12	15.43	264	836019	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1614067	99.14	ng	0.01
7) Phenol-d6	6.48	99	2151126	99.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1516591	63.53	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	555770	93.95	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2375680	66.00	ng	-0.01
78) Terphenyl-d14	12.96	244	2400237	57.25	ng	-0.01

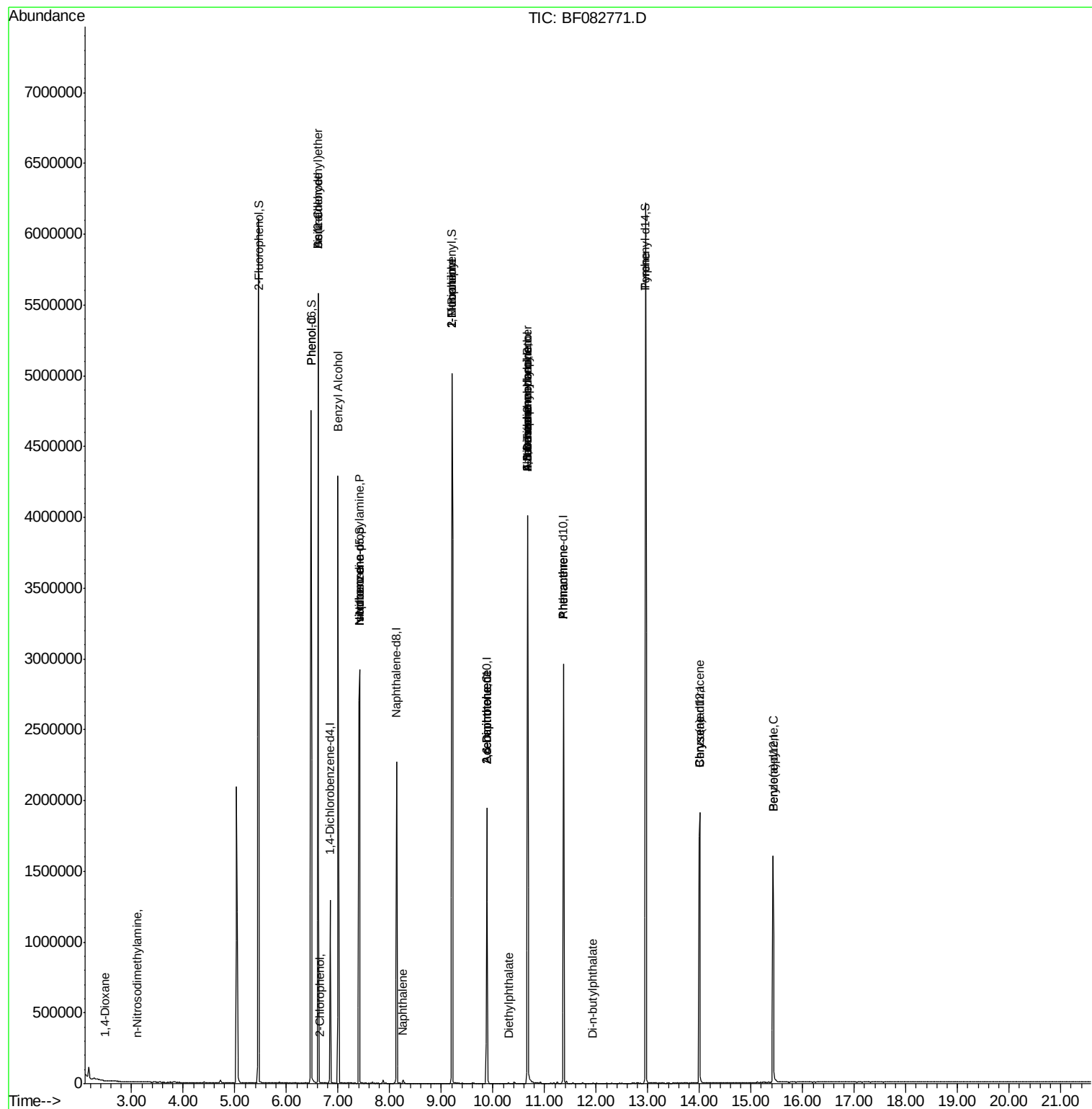
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	545	0.08	ng	# 1
4) n-Nitrosodimethylamine	3.12	42	238	0.02	ng	# 1
6) Aniline	6.61	93	2512	0.08	ng	# 1
8) 2-Chlorophenol	6.64	128	683	0.04	ng	# 5
9) Benzaldehyde	6.61	77	41961	3.51	ng	81
10) Phenol	6.48	94	322	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	2512	0.14	ng	# 1
15) Benzyl Alcohol	7.00	79	23027	1.21	ng	# 57
19) n-Nitroso-di-n-propylamine	7.41	70	202464	12.73	ng	# 62
24) Nitrobenzene	7.41	77	3998	0.16	ng	# 43
25) Isophorone	7.41	82	1383711	31.33	ng	# 69
31) Naphthalene	8.26	128	1240	0.02	ng	# 1
45) 1,1'-Biphenyl	9.21	154	4845	0.11	ng	# 1
47) 2-Nitroaniline	9.21	65	4371	0.34	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	65237	7.23	ng	# 17
51) Acenaphthene	9.88	154	1923	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	65241	5.33	ng	# 15
57) Fluorene	10.67	166	22950	0.61	ng	# 86
59) Diethylphthalate	10.30	149	1556	0.04	ng	# 74
62) Azobenzene	10.67	77	2883	0.07	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.67	198	934	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	16397	0.45	ng	# 48
66) 4-Bromophenyl-phenylether	10.67	248	34746	2.84	ng	# 1
70) Phenanthrene	11.37	178	600	0.01	ng	# 1
71) Anthracene	11.37	178	600	0.01	ng	# 1
73) Di-n-butylphthalate	11.94	149	1995	0.03	ng	# 76
77) Pyrene	12.96	202	7257	0.11	ng	# 58
80) Benzo(a)anthracene	14.01	228	2188	0.04	ng	# 61
82) Chrysene	14.01	228	2188	0.04	ng	# 58
89) Benzo(a)pyrene	15.43	252	2154	0.05	ng	# 83

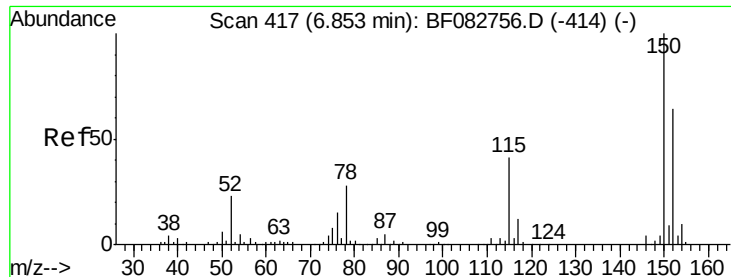
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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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: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

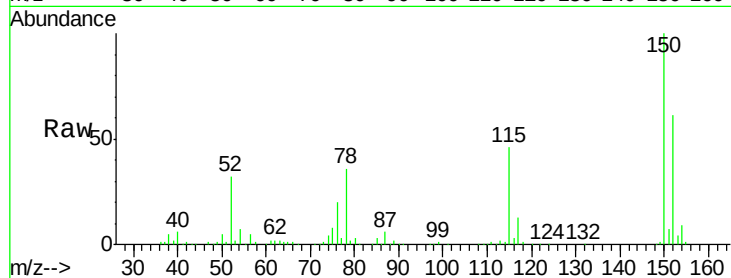
Tgt Ion: 152 Resp: 253307

Ion Ratio Lower Upper

152 100

150 164.5 127.0 190.4

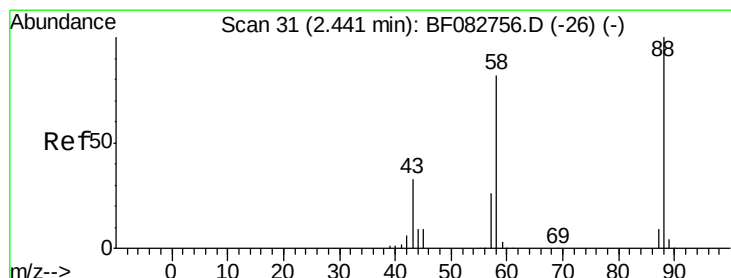
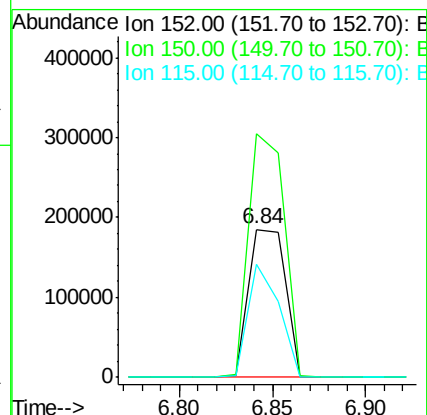
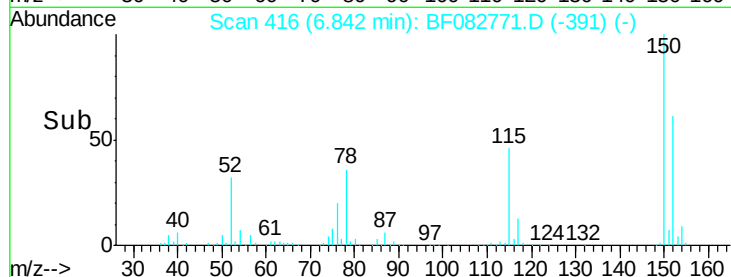
115 76.1 47.0 70.6#



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: 0.08 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.05 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

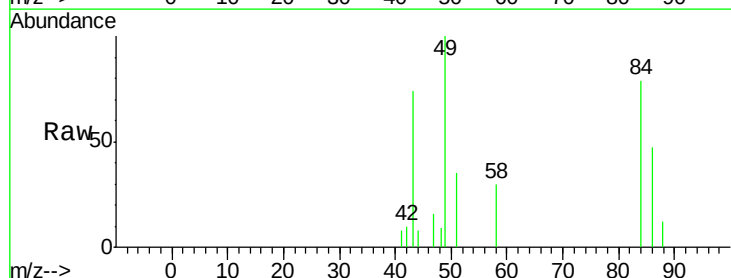
Tgt Ion: 88 Resp: 545

Ion Ratio Lower Upper

88 100

58 289.7 62.0 93.0#

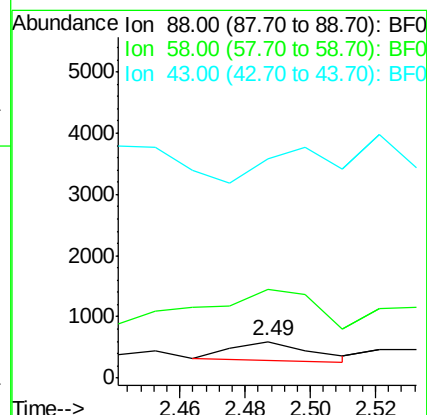
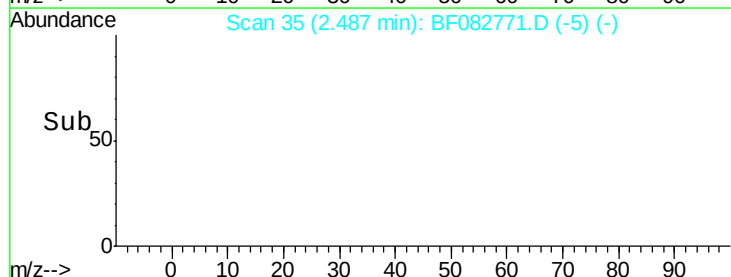
43 155.0 26.6 40.0#

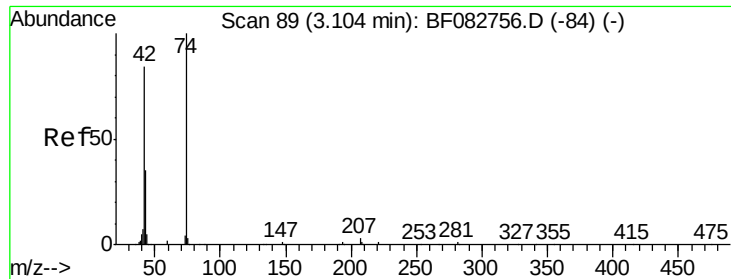


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.12 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

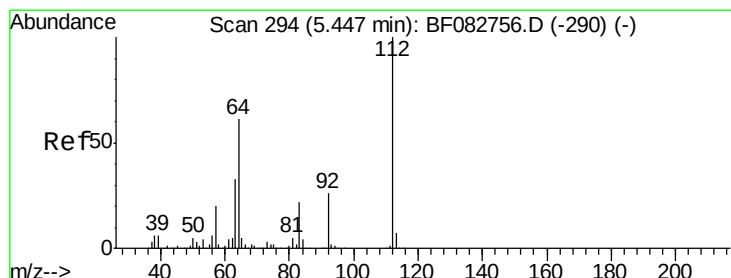
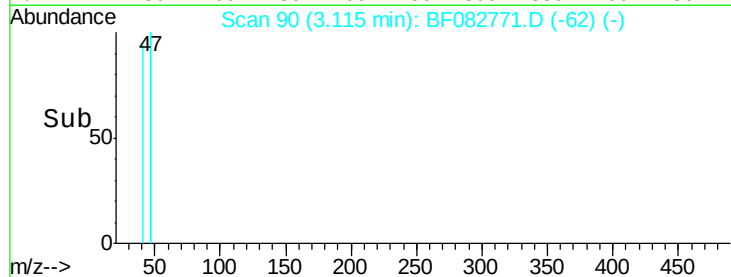
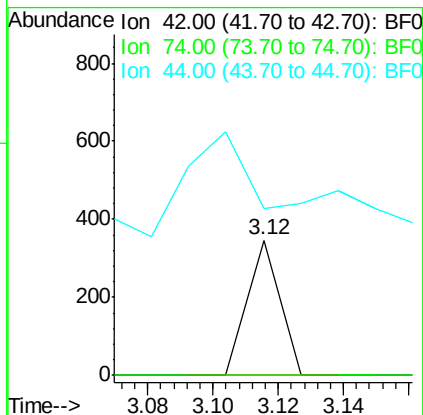
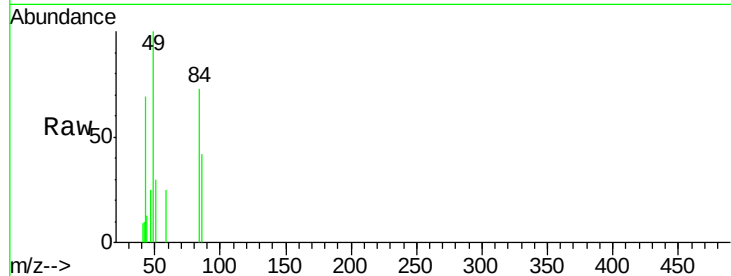
Tgt Ion: 42 Resp: 238

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 122.8 5.8 8.8#



#5

2-Fluorophenol

Concen: 99.14 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

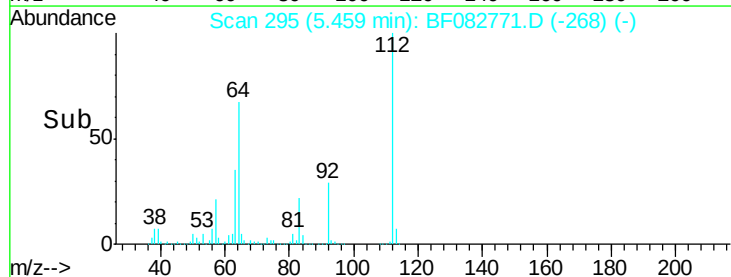
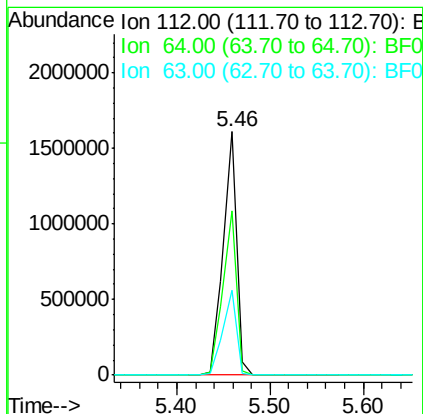
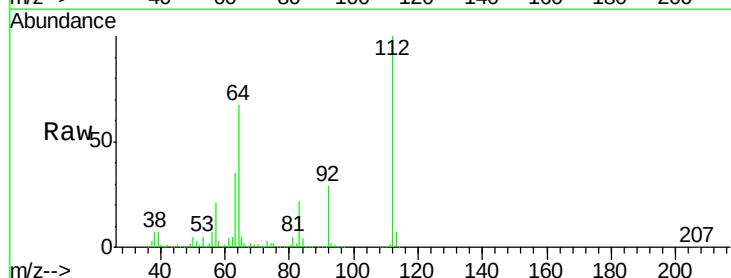
Tgt Ion: 112 Resp: 1614067

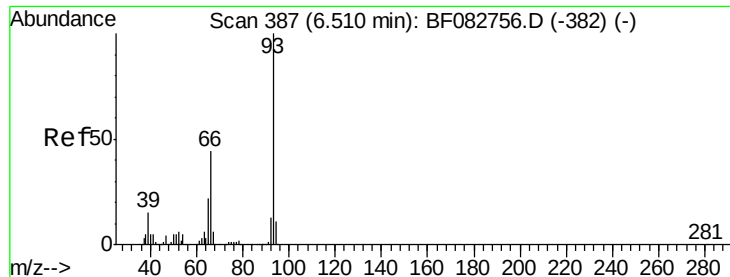
Ion Ratio Lower Upper

112 100

64 67.4 48.9 73.3

63 34.8 28.1 42.1





#6

Aniline

Concen: 0.08 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.10 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

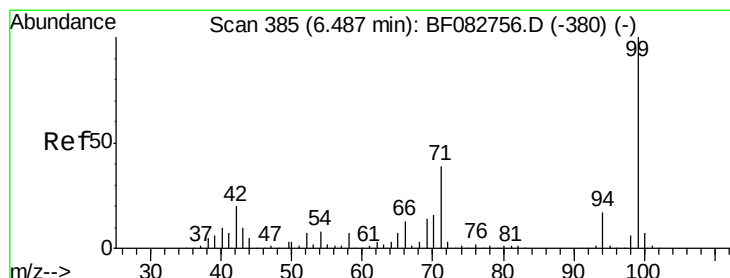
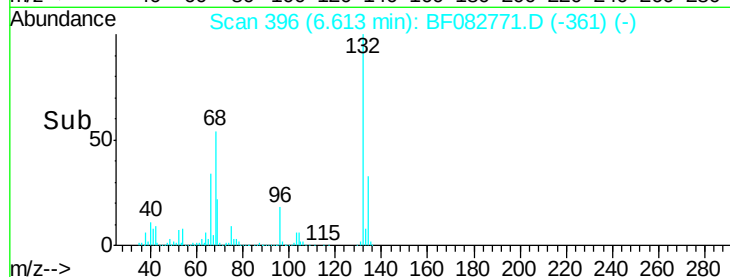
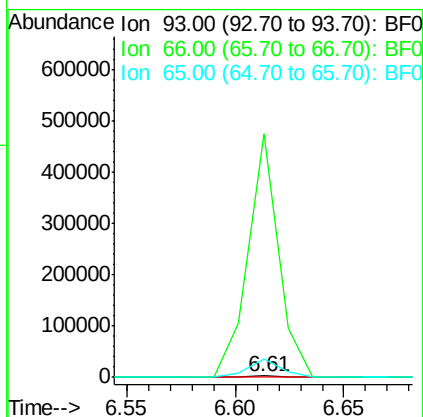
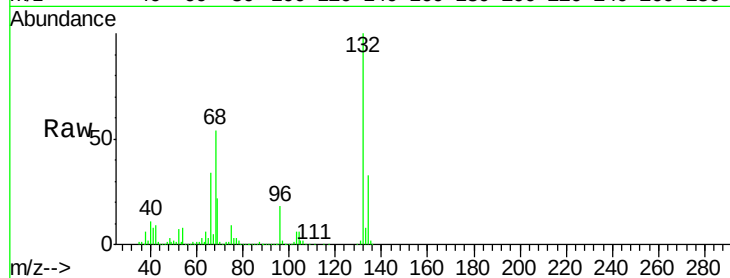
Tgt Ion: 93 Resp: 2512

Ion Ratio Lower Upper

93 100

66 20202.2 33.6 50.4#

65 1561.2 18.1 27.1#



#7

Phenol-d6

Concen: 99.39 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

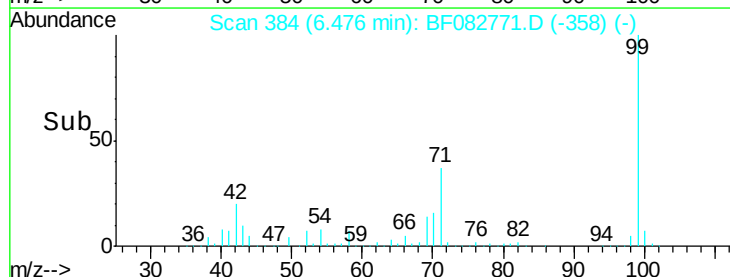
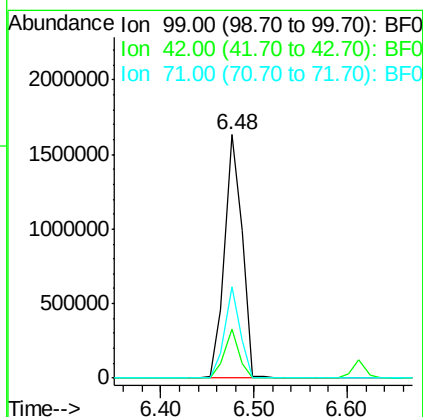
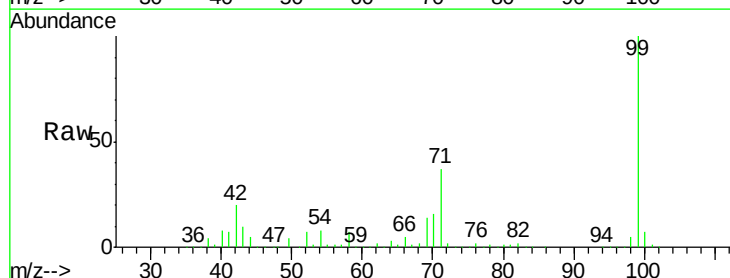
Tgt Ion: 99 Resp: 2151126

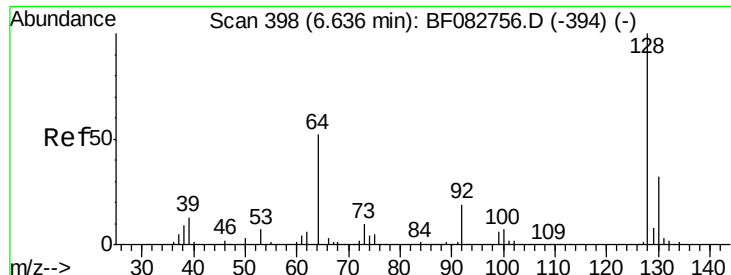
Ion Ratio Lower Upper

99 100

42 20.3 19.2 28.8

71 37.3 35.0 52.4

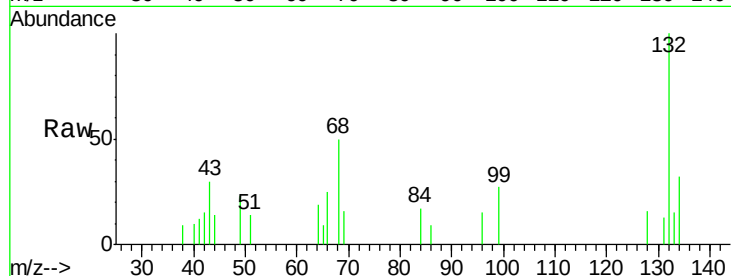




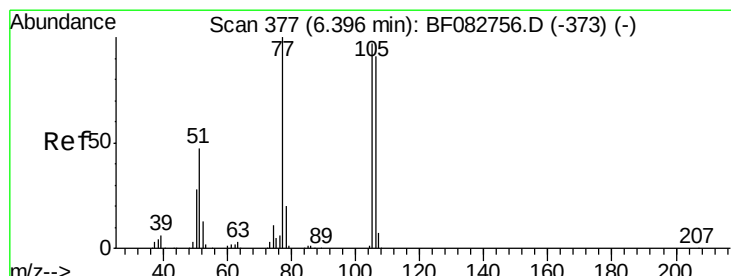
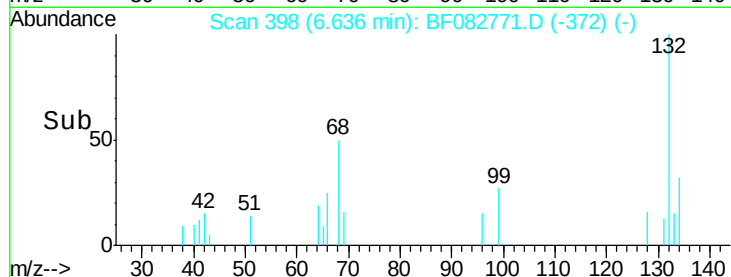
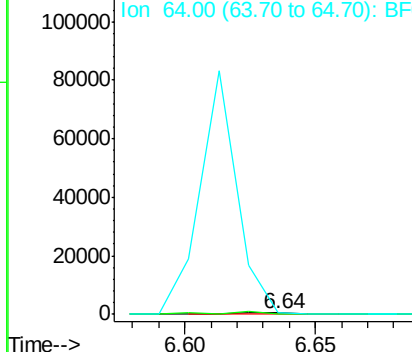
#8
2-Chlorophenol
Concen: 0.04 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB86463BL

Tgt Ion: 128 Resp: 683
Ion Ratio Lower Upper
128 100
130 0.0 13.5 53.5#
64 118.7 21.1 61.1#

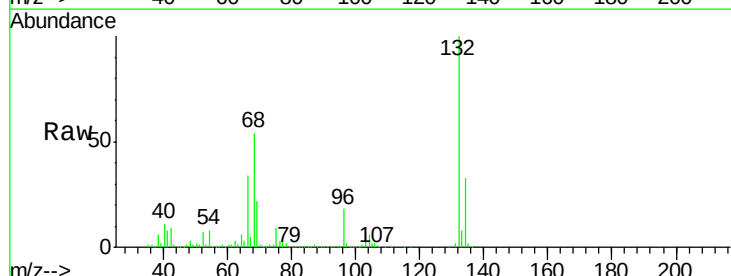


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

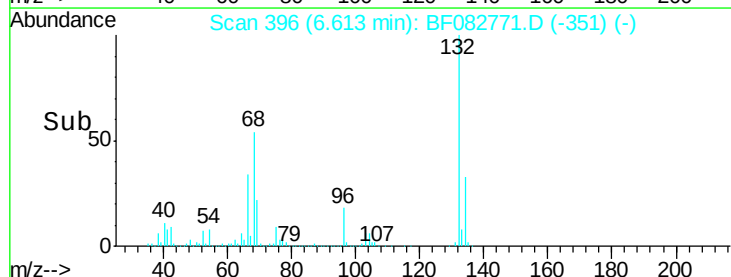
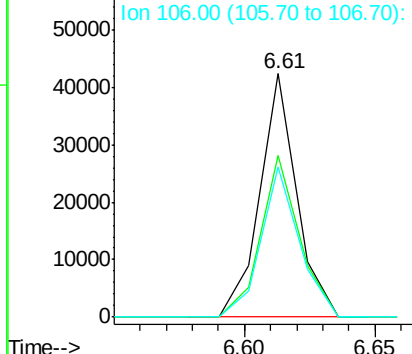


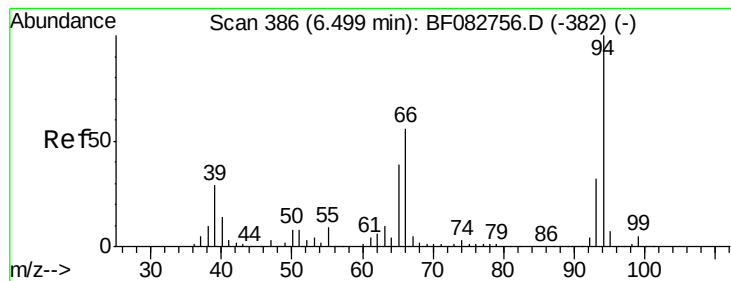
#9
Benzaldehyde
Concen: 3.51 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.22 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Tgt Ion: 77 Resp: 41961
Ion Ratio Lower Upper
77 100
105 66.6 63.5 103.5
106 61.6 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: 0.01 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

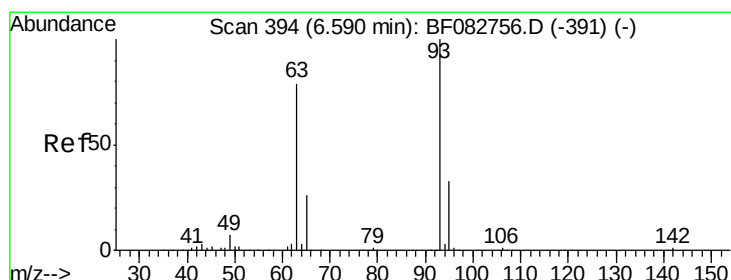
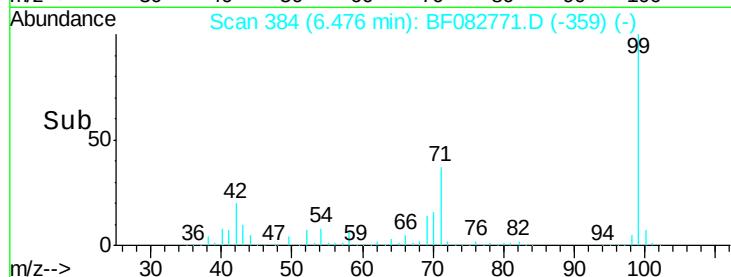
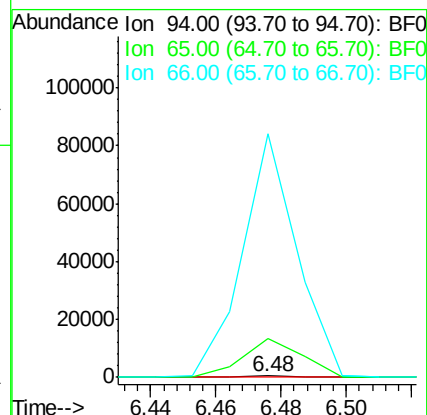
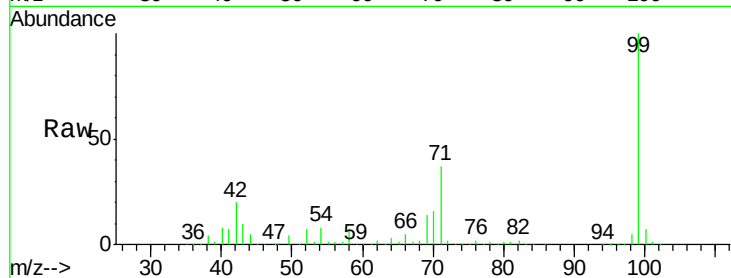
Tgt Ion: 94 Resp: 322

Ion Ratio Lower Upper

94 100

65 2863.8 18.9 58.9#

66 17901.3 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

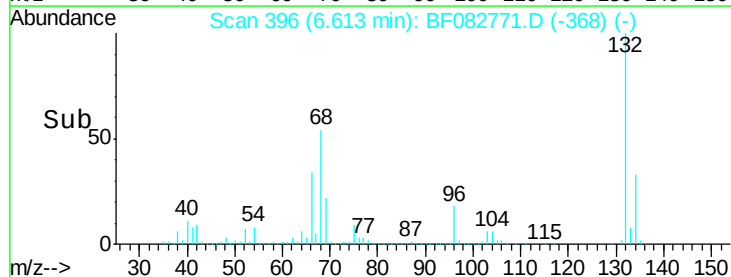
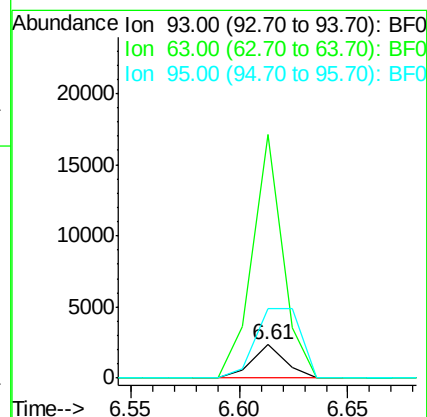
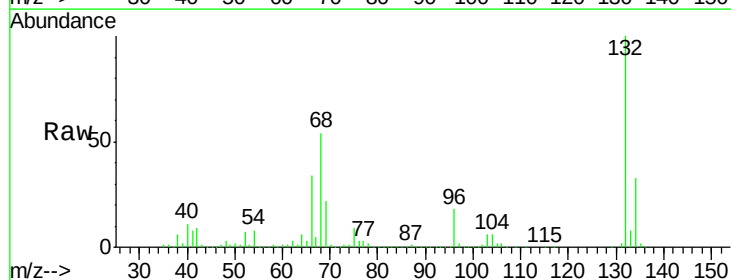
Tgt Ion: 93 Resp: 2512

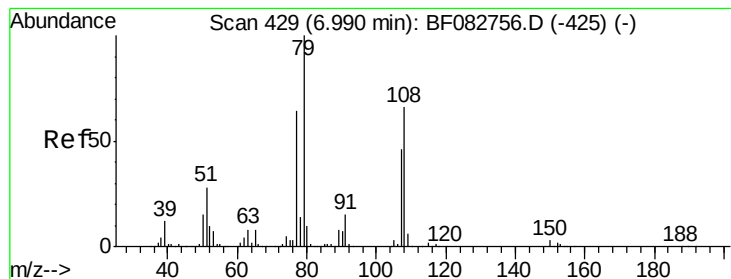
Ion Ratio Lower Upper

93 100

63 728.2 72.7 112.7#

95 208.0 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.21 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

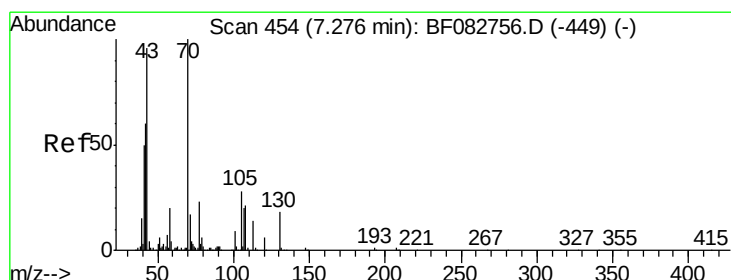
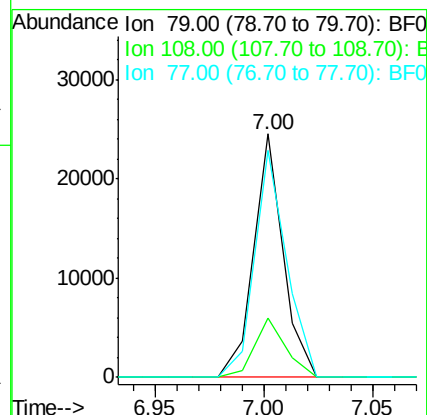
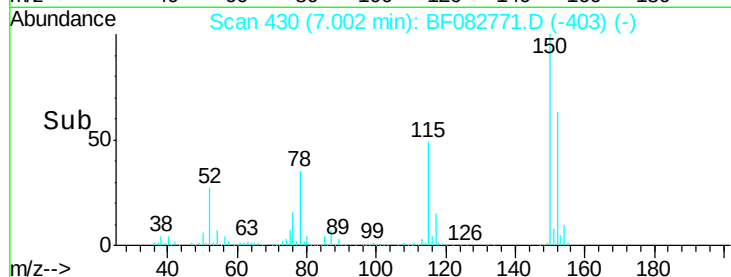
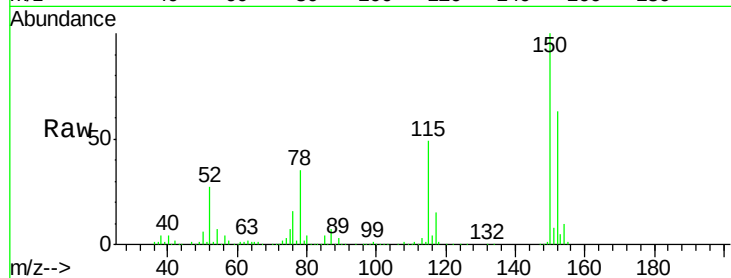
Tgt Ion: 79 Resp: 23027

Ion Ratio Lower Upper

79 100

108 24.4 52.2 78.4#

77 93.0 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.73 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Tgt Ion: 70 Resp: 202464

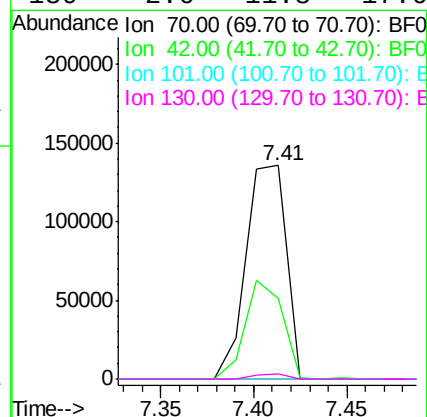
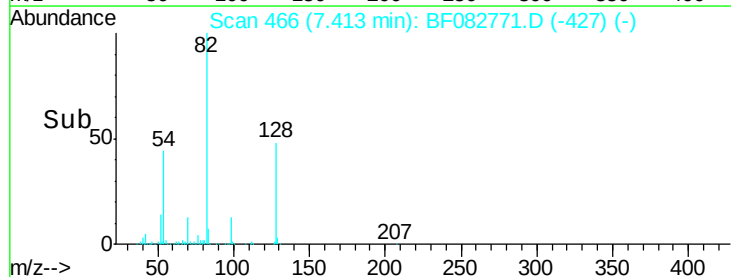
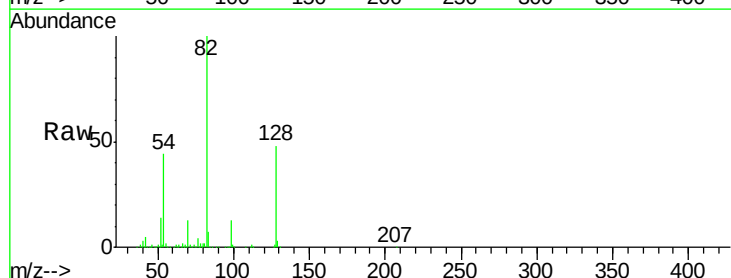
Ion Ratio Lower Upper

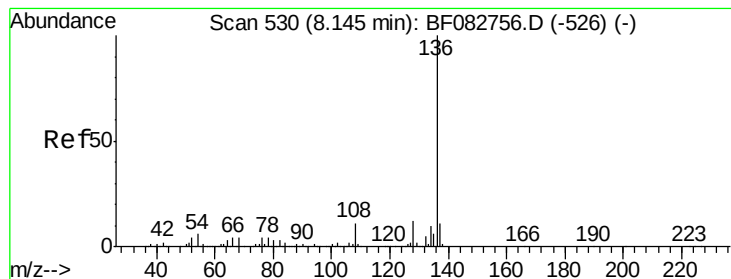
70 100

42 37.8 57.7 86.5#

101 0.0 7.0 10.6#

130 2.6 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

Tgt Ion:136 Resp: 1038669

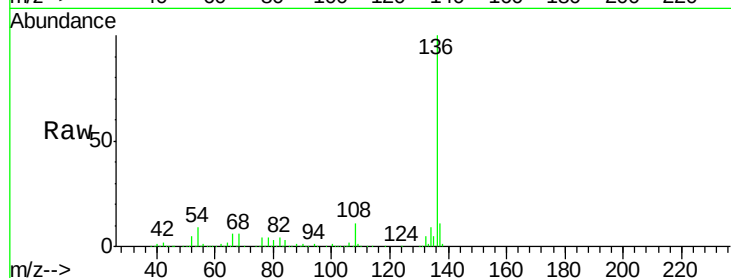
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.8 9.1 13.7#

68 6.3 4.8 7.2

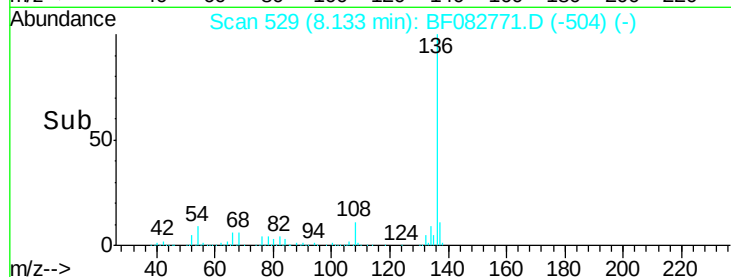


Abundance Ion 136.00 (135.70 to 136.70): E

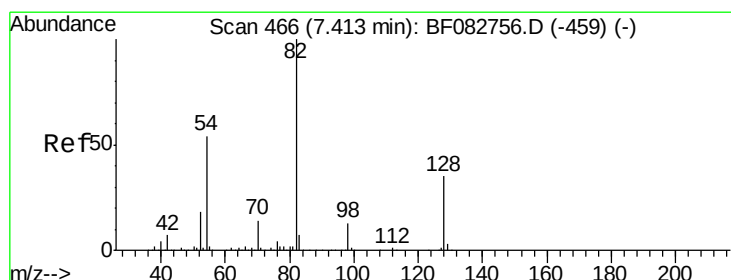
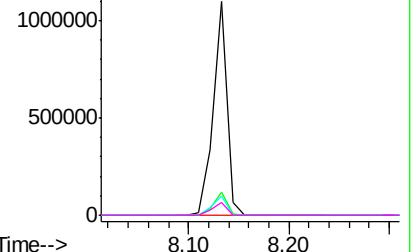
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 63.53 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

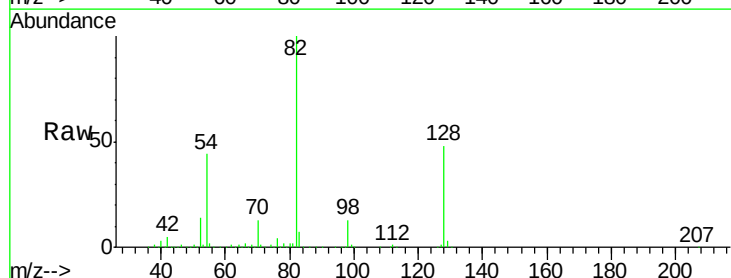
Tgt Ion: 82 Resp: 1516591

Ion Ratio Lower Upper

82 100

128 48.0 26.8 40.2#

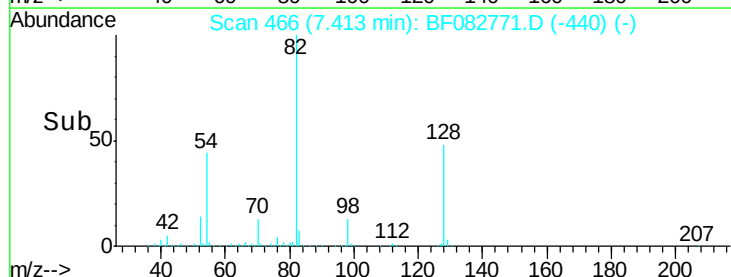
54 43.7 45.7 68.5#



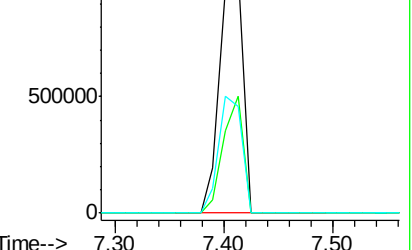
Abundance Ion 82.00 (81.70 to 82.70): BF0

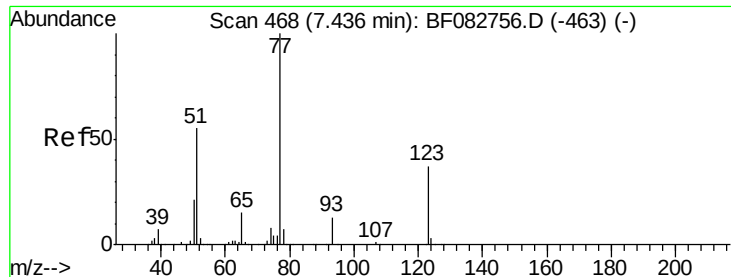
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

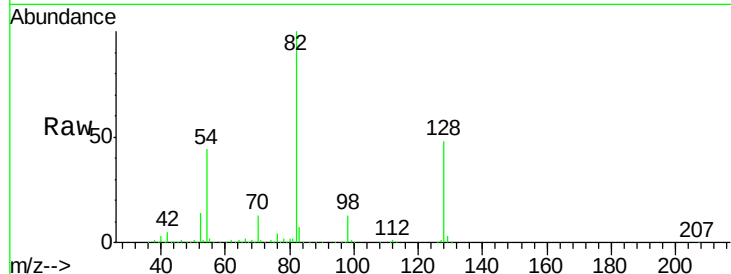




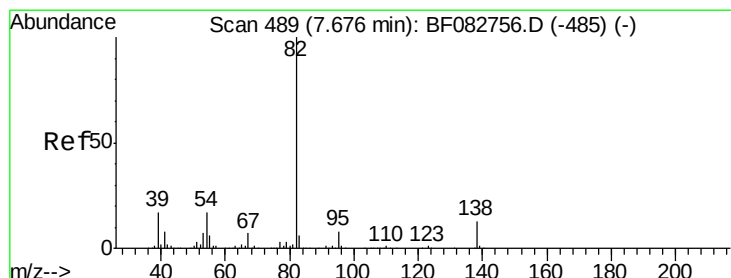
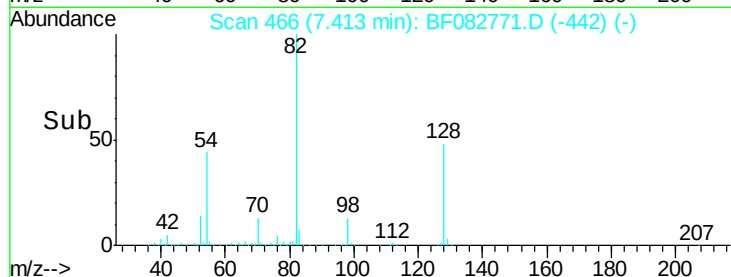
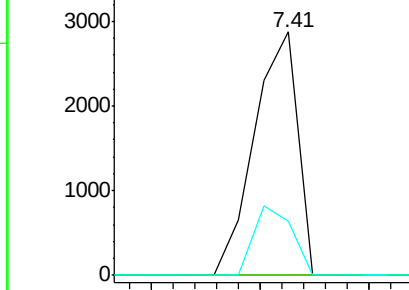
#24
 Nitrobenzene
 Concen: 0.16 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampled :
 PB86463BL

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.4	54.6#
65	22.3	11.5	17.3#

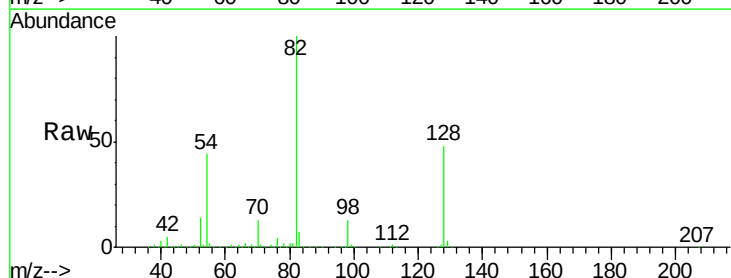


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

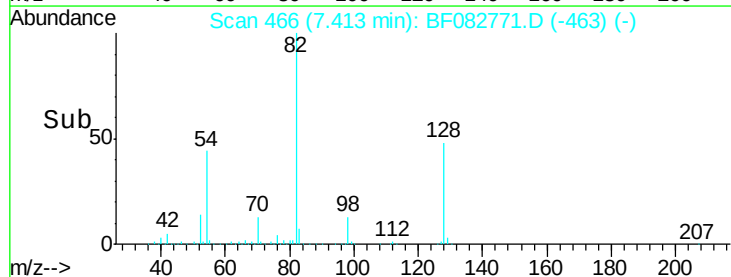
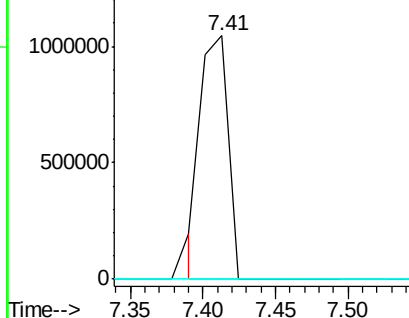


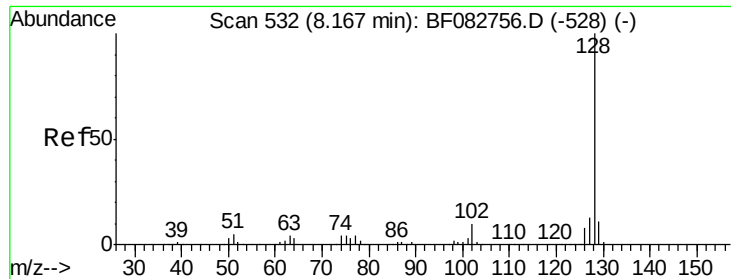
#25
 Isophorone
 Concen: 31.33 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt 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

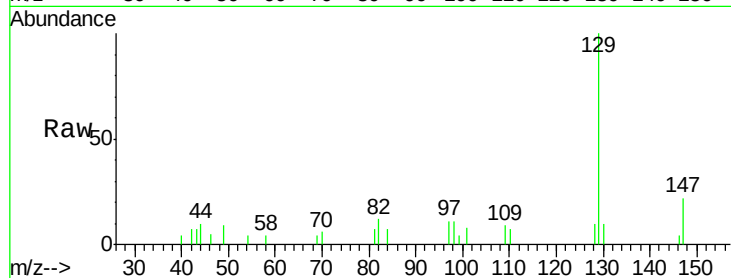




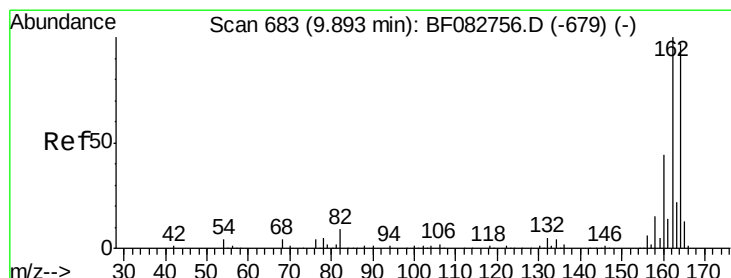
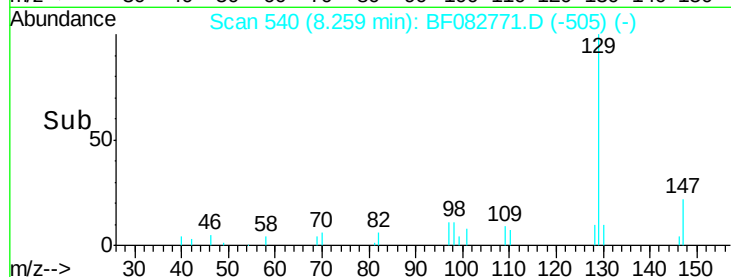
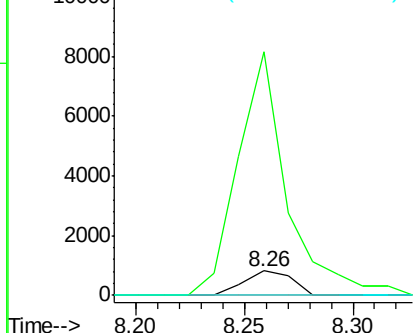
#31
Naphthalene
Concen: 0.02 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.10 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB86463BL

Tgt Ion:128 Resp: 1240
Ion Ratio Lower Upper
128 100
129 1010.4 9.5 14.3#
127 0.0 11.4 17.0#

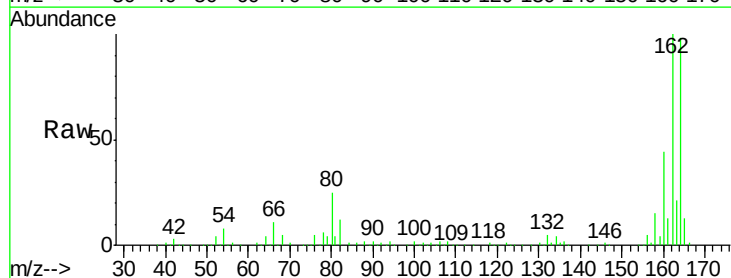


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

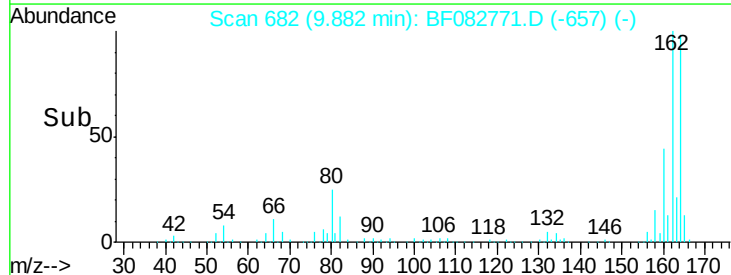
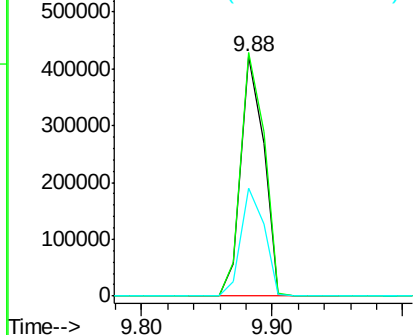


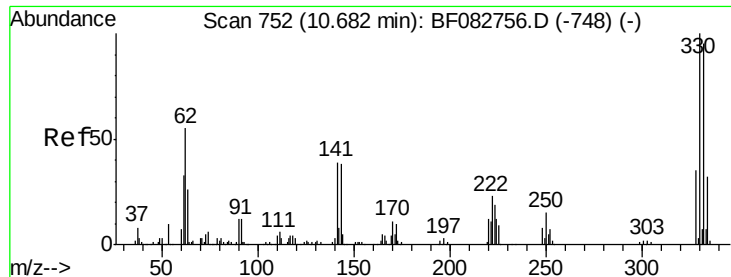
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Tgt Ion:164 Resp: 515911
Ion Ratio Lower Upper
164 100
162 101.6 84.9 127.3
160 44.9 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

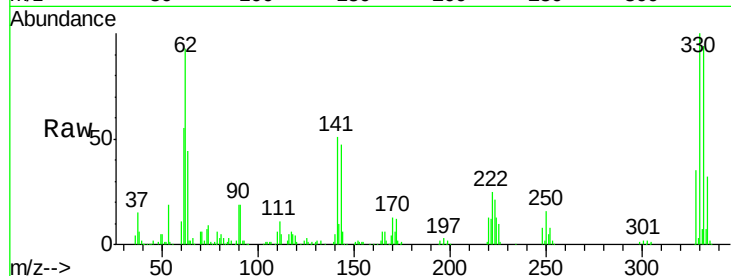




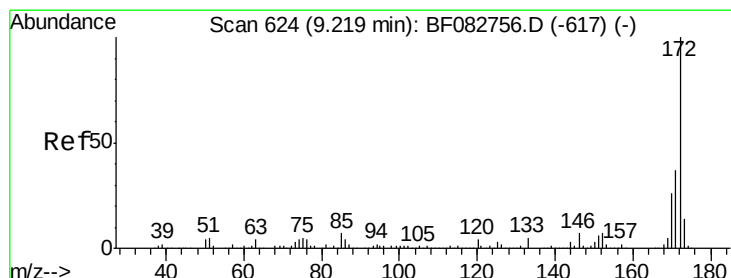
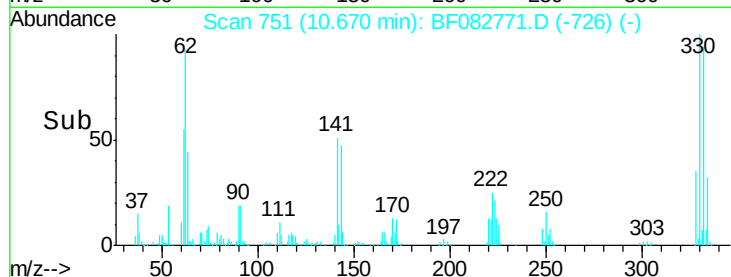
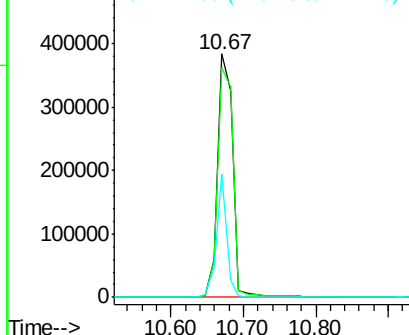
#41
 2,4,6-Tribromophenol
 Concen: 93.95 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Tgt Ion:330 Resp: 555770
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 35.4 41.2 61.8#

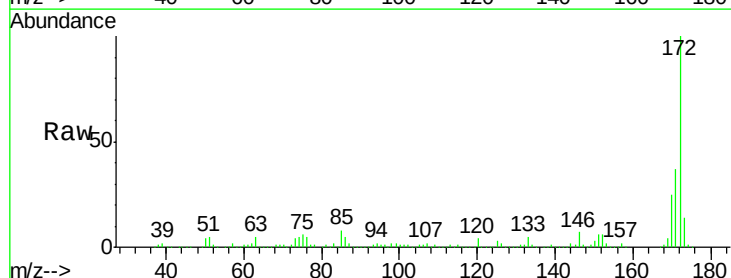


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

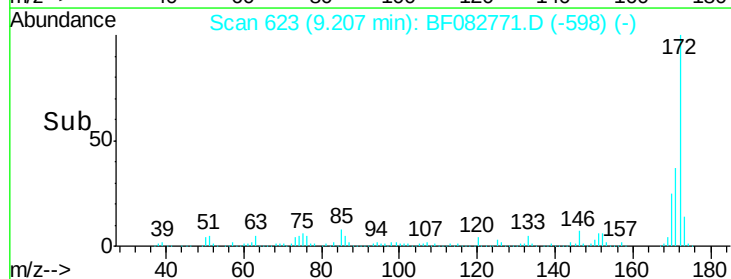
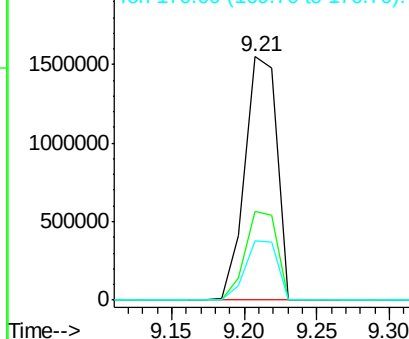


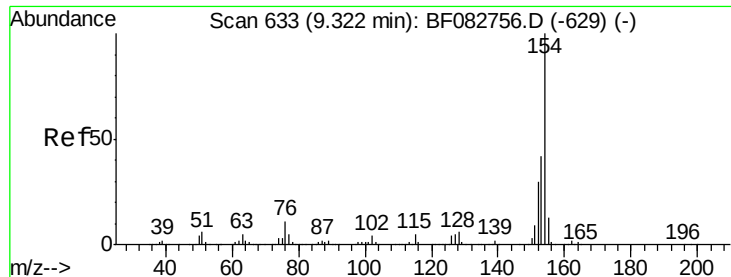
#44
 2-Fluorobiphenyl
 Concen: 66.00 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt Ion:172 Resp: 2375680
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.6 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

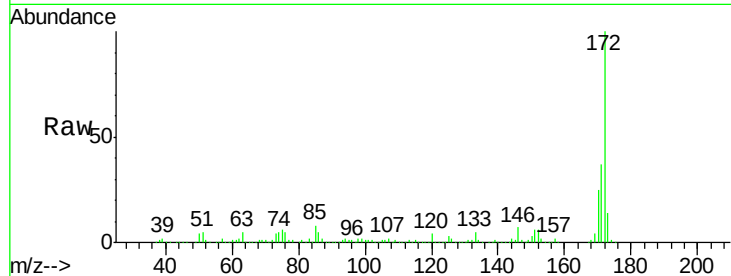




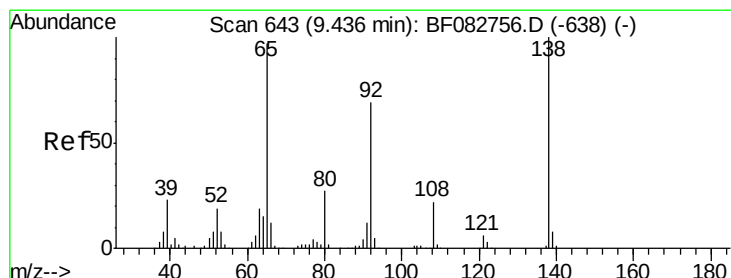
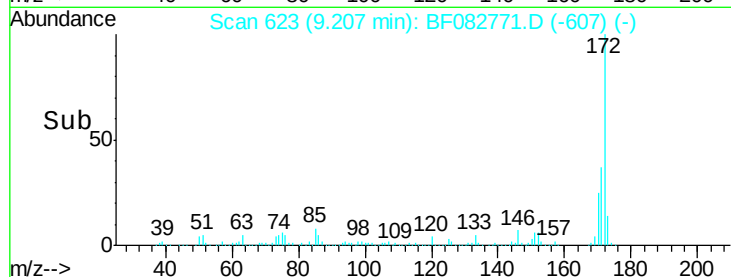
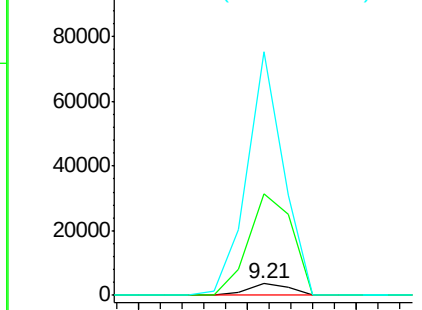
#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.11 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

Tgt Ion: 154 Resp: 4845
 Ion Ratio Lower Upper
 154 100
 153 878.0 22.0 62.0#
 76 2098.9 0.0 29.0#

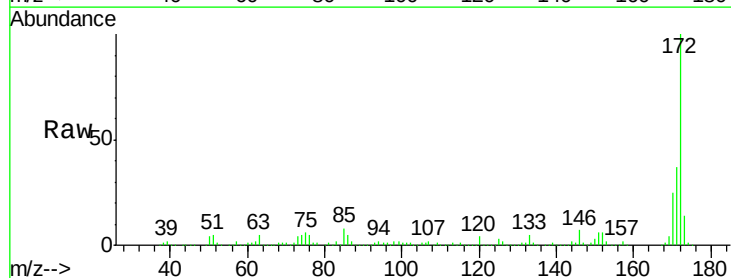


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

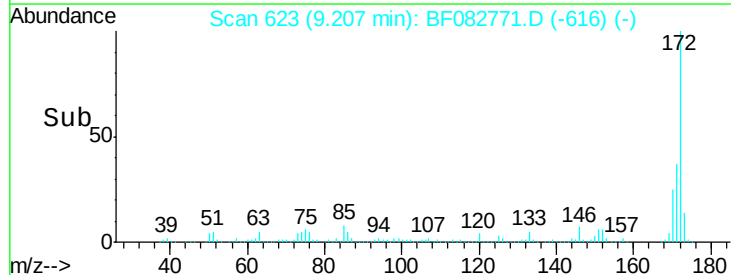
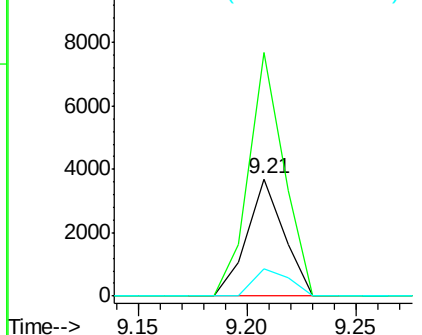


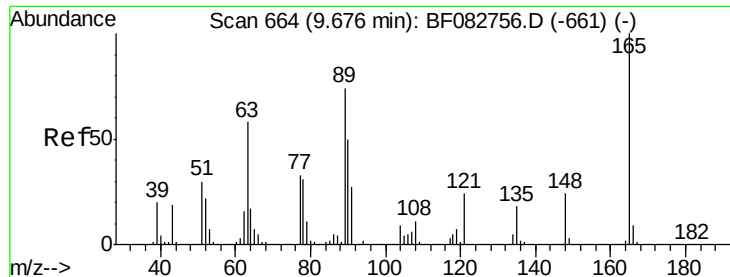
#47
 2-Nitroaniline
 Concen: 0.34 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.22 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt Ion: 65 Resp: 4371
 Ion Ratio Lower Upper
 65 100
 92 207.4 46.6 70.0#
 138 23.4 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: 7.23 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.21 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

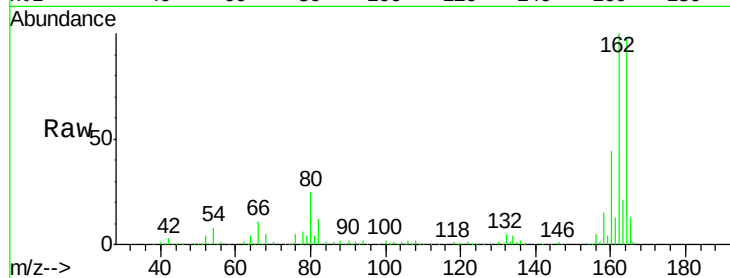
Instrument :

BNA_F

ClientSampleId :

PB86463BL

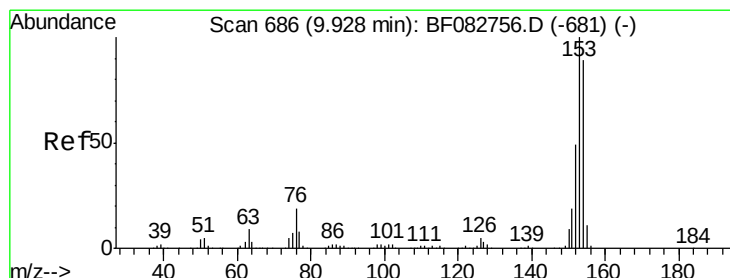
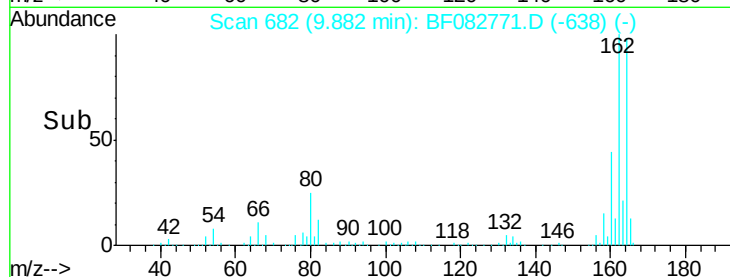
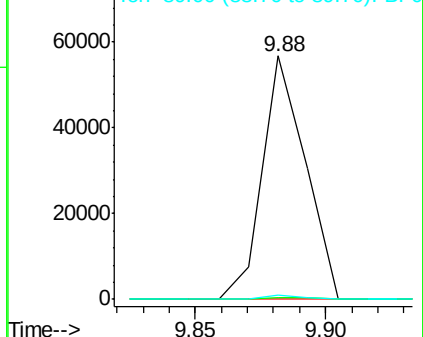
Tgt Ion:	165	Resp:	65237
Ion Ratio	Lower	Upper	
165	100		
63	0.9	55.5	83.3#
89	1.6	55.0	82.6#



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

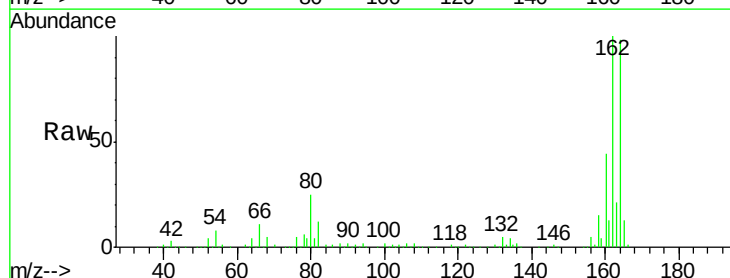
RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

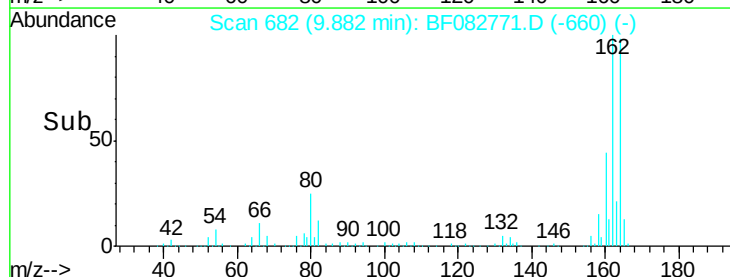
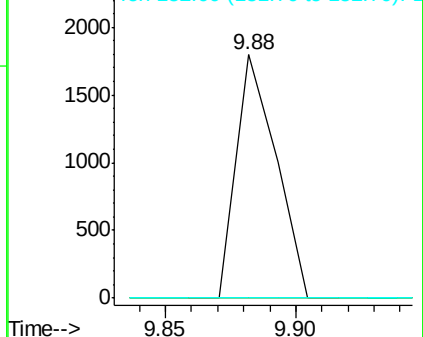
Tgt Ion:	154	Resp:	1923
Ion Ratio	Lower	Upper	
154	100		
153	0.0	90.1	135.1#
152	0.0	44.3	66.5#

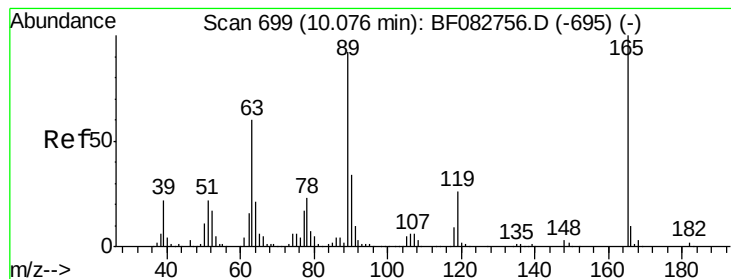


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 5.33 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

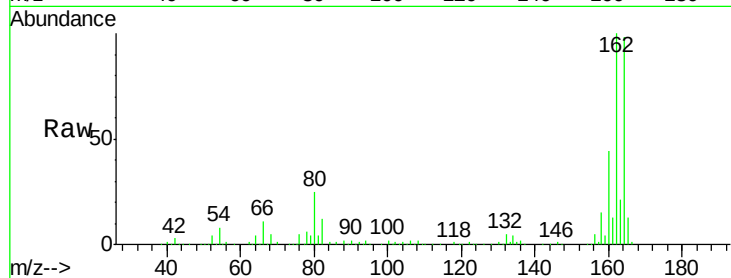
Instrument :

BNA_F

ClientSampleId :

PB86463BL

Tgt Ion:	165	Resp:	65241
Ion Ratio	Lower	Upper	
165	100		
63	0.9	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#

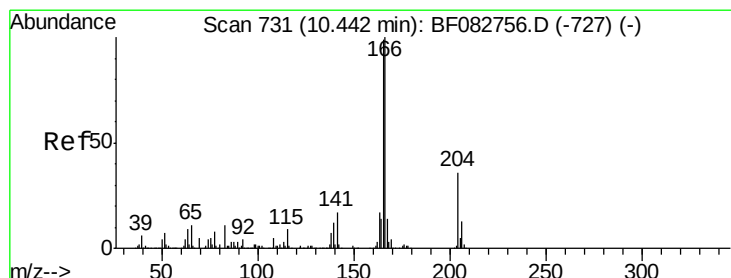
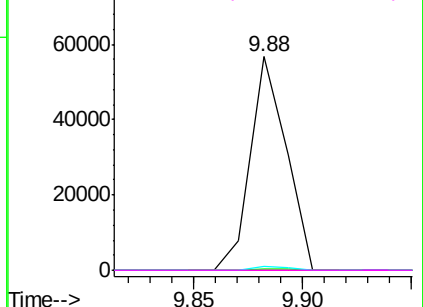
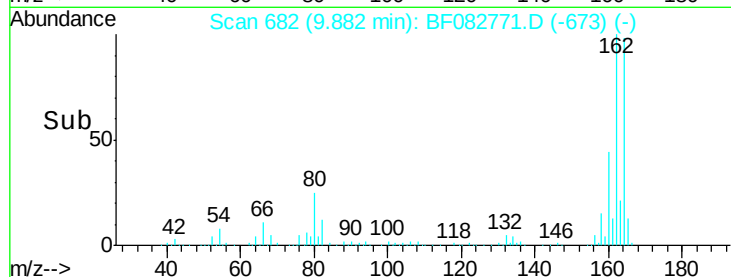


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.61 ng

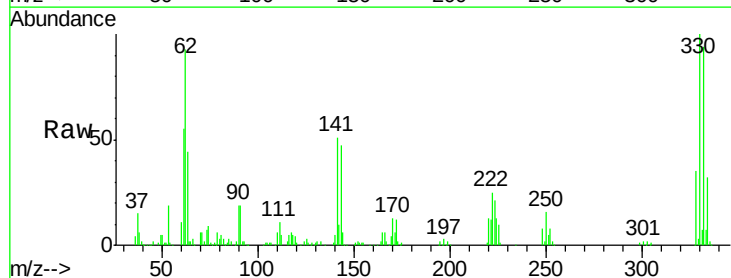
RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

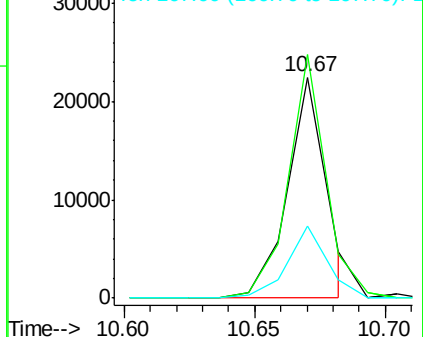
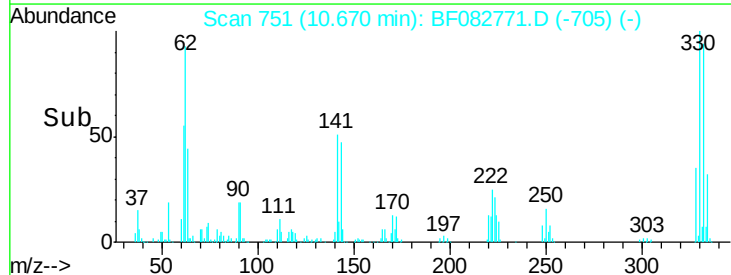
Tgt Ion:	166	Resp:	22950
Ion Ratio	Lower	Upper	
166	100		
165	110.3	80.2	120.4
167	32.4	11.2	16.8#

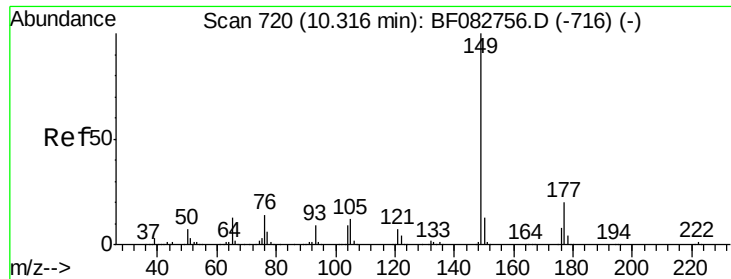


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

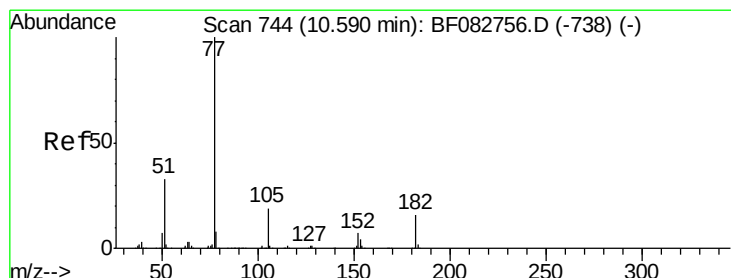
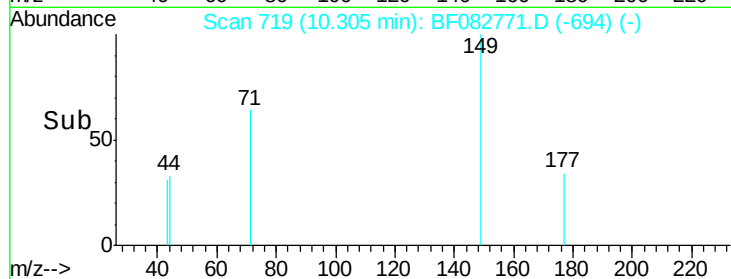
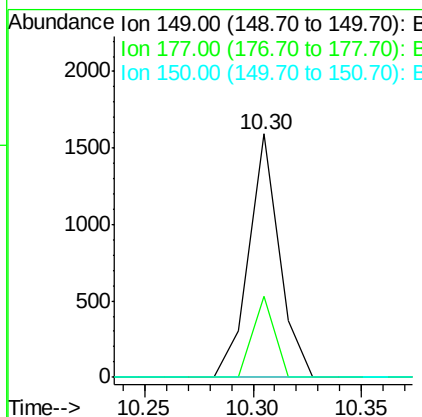
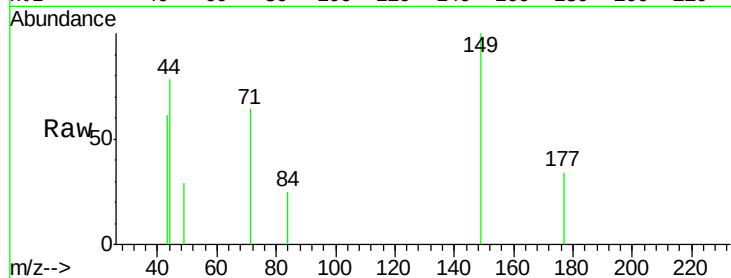




#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

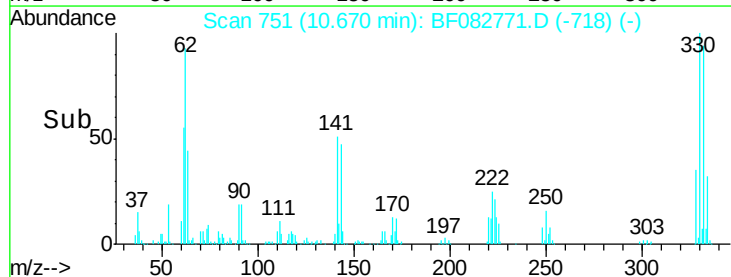
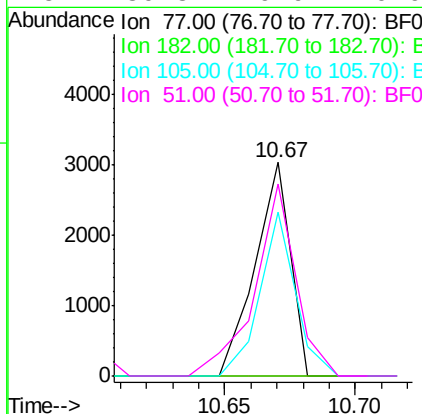
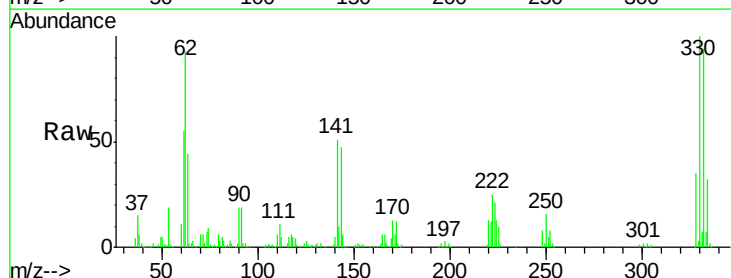
Instrument :
BNA_F
ClientSampleId :
PB86463BL

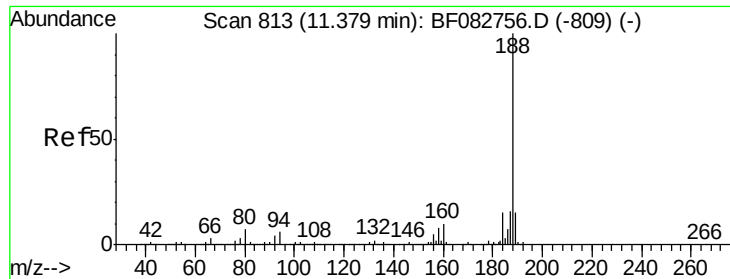
Tgt Ion: 149 Resp: 1556
Ion Ratio Lower Upper
149 100
177 33.5 17.9 26.9#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.07 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.08 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Tgt Ion: 77 Resp: 2883
Ion Ratio Lower Upper
77 100
182 0.0 9.3 49.3#
105 76.5 2.6 42.6#
51 89.8 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: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

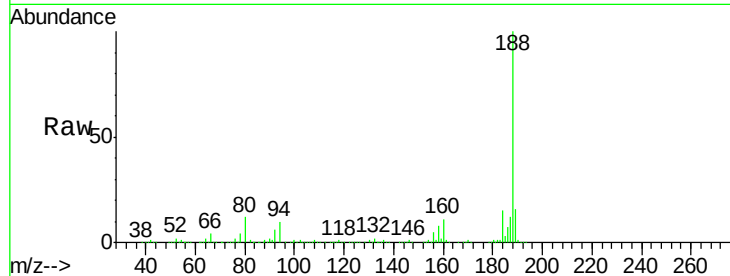
Tgt Ion:188 Resp: 1015115

Ion Ratio Lower Upper

188 100

94 10.4 6.1 9.1#

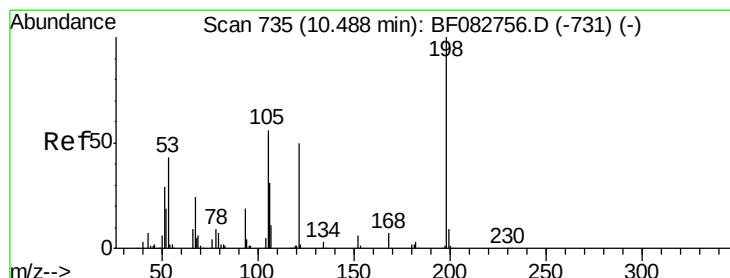
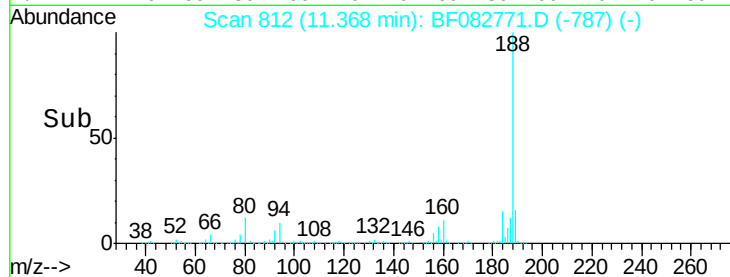
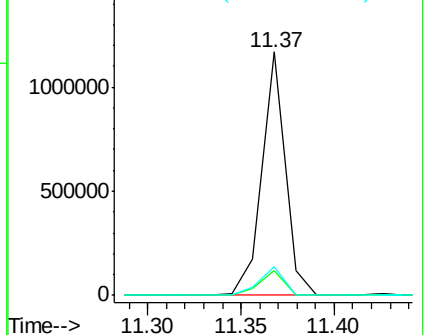
80 11.9 7.0 10.6#



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: 0.13 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.18 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

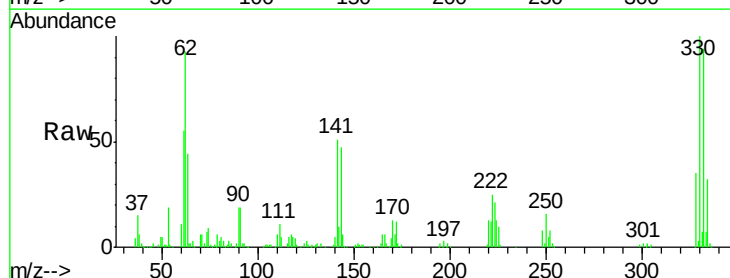
Tgt Ion:198 Resp: 934

Ion Ratio Lower Upper

198 100

51 257.5 17.3 57.3#

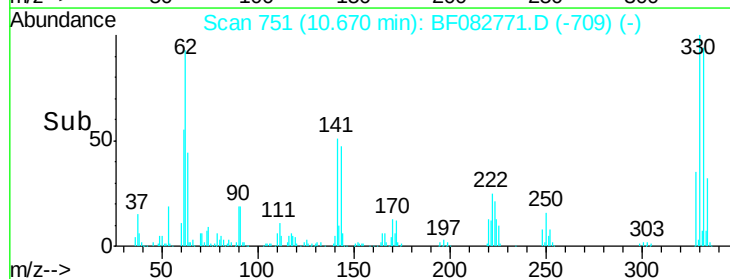
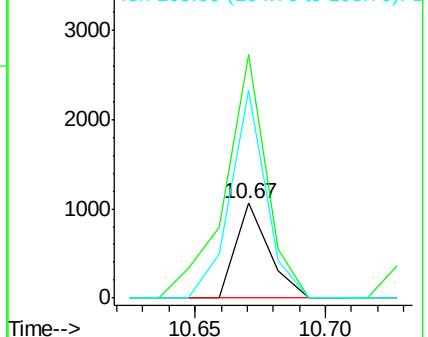
105 219.4 21.7 61.7#

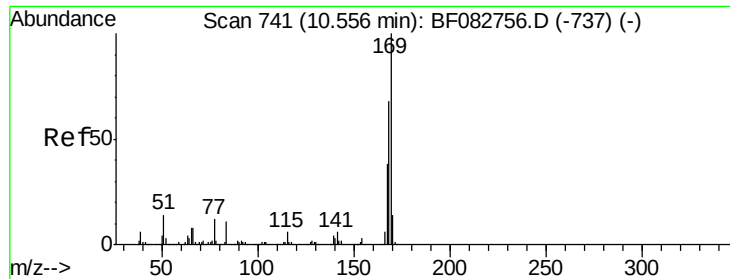


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.45 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.11 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

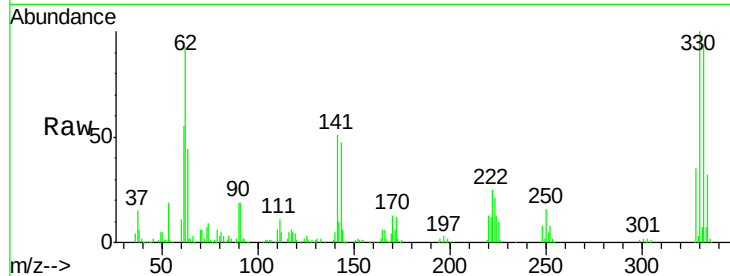
Tgt Ion:169 Resp: 16397

Ion Ratio Lower Upper

169 100

168 8.1 55.0 82.6#

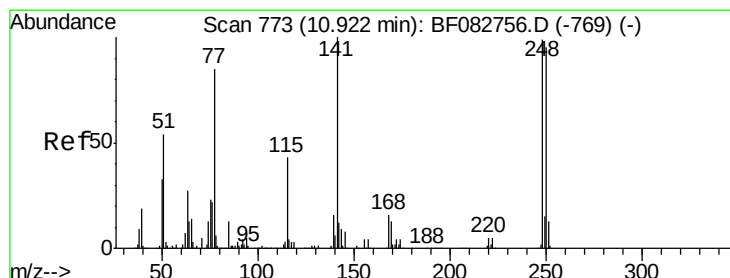
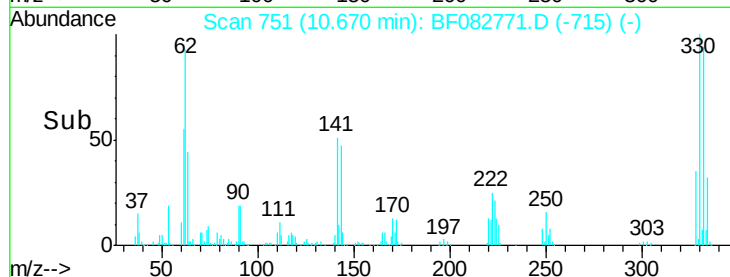
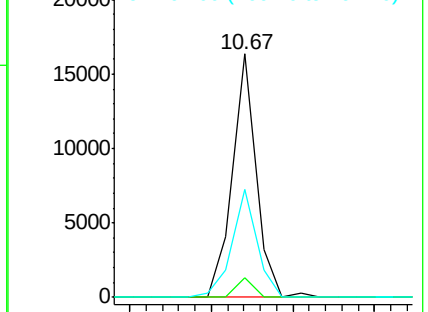
167 44.6 30.5 45.7



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: 2.84 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

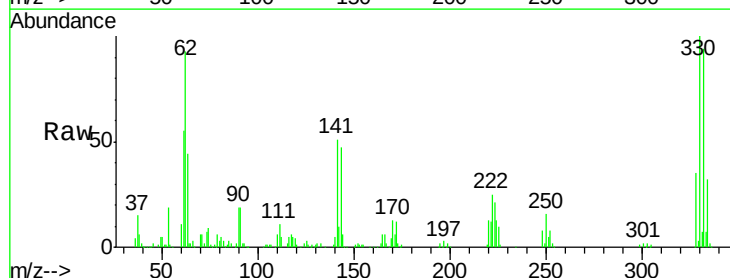
Tgt Ion:248 Resp: 34746

Ion Ratio Lower Upper

248 100

250 198.8 79.4 119.2#

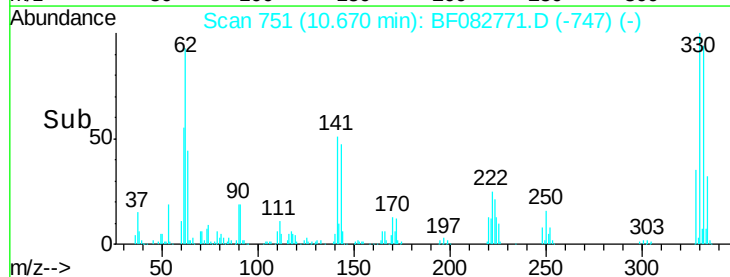
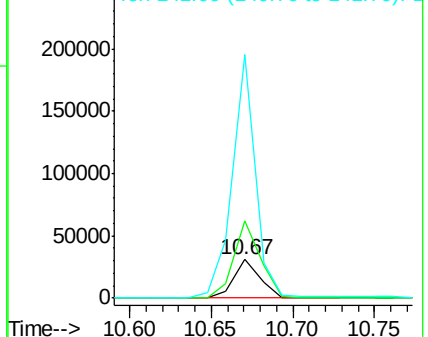
141 632.0 36.3 54.5#

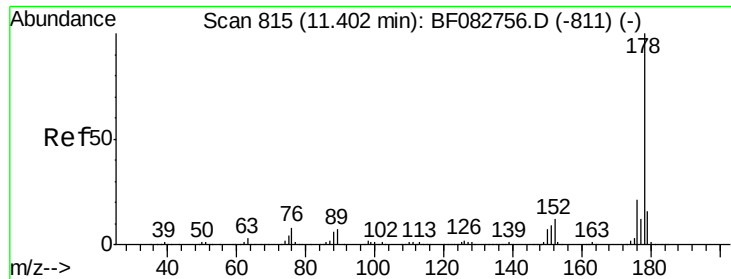


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

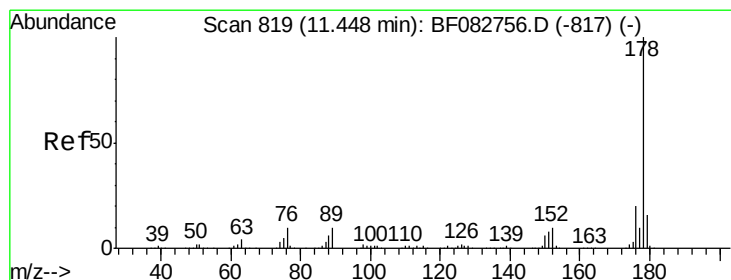
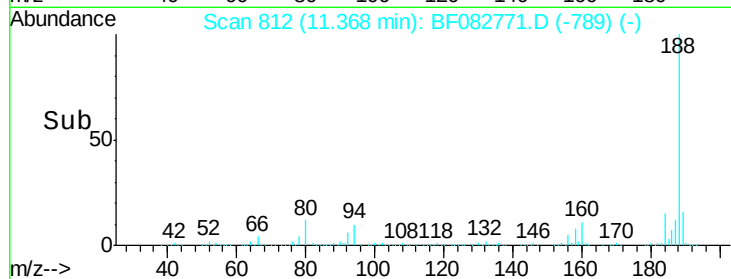
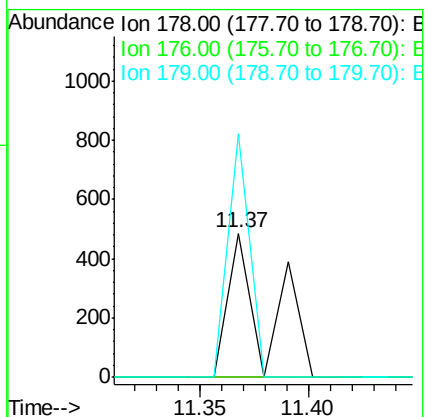
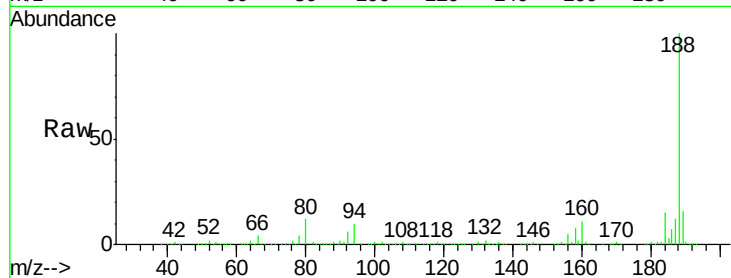




#70
 Phenanthrene
 Concen: 0.01 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

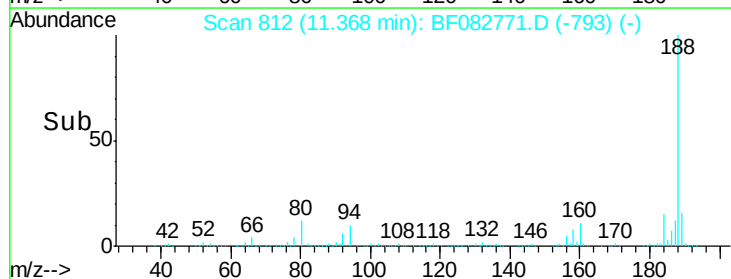
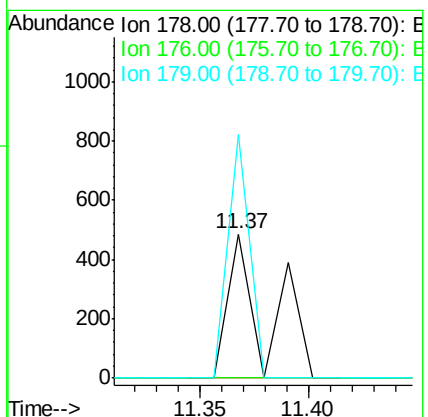
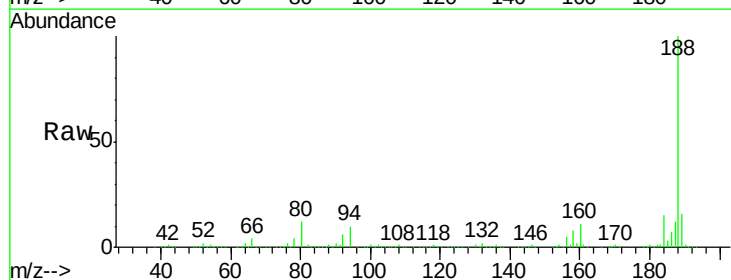
Instrument :
 BNA_F
 ClientSampleId :
 PB86463BL

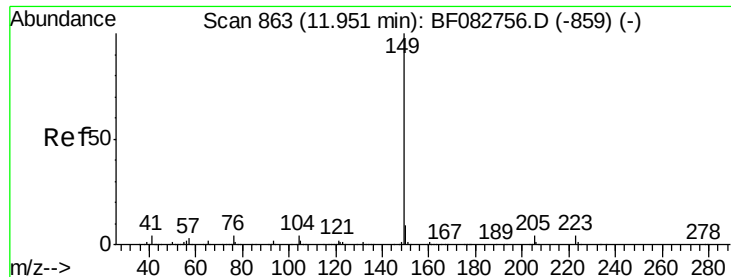
Tgt Ion:178 Resp: 600
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.0 25.4#
 179 169.1 13.4 20.0#



#71
 Anthracene
 Concen: 0.01 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.08 min
 Lab File: BF082771.D
 Acq: 6 Nov 2015 19:58

Tgt Ion:178 Resp: 600
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.5 24.7#
 179 169.1 13.2 19.8#





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

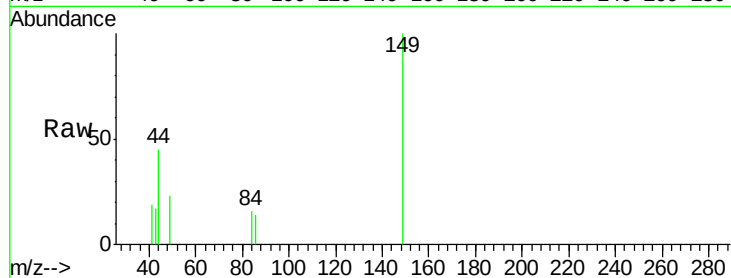
Tgt Ion:149 Resp: 1995

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

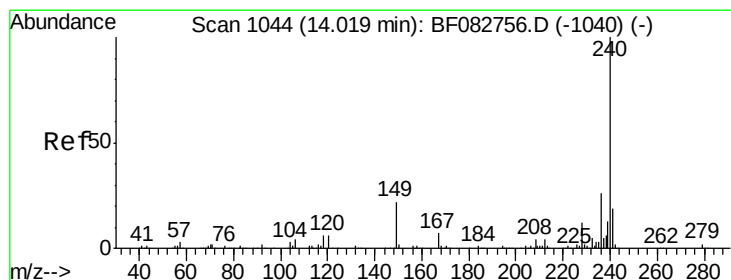
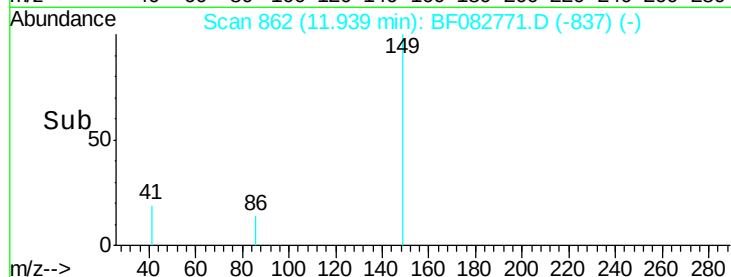
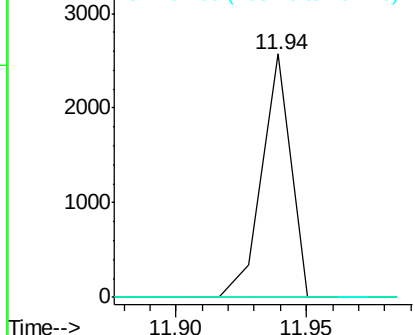
104 0.0 5.2 7.8#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

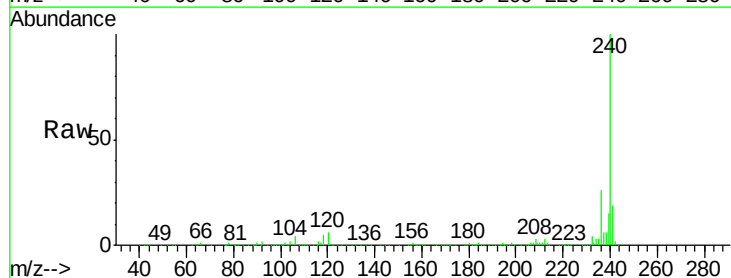
Tgt Ion:240 Resp: 994408

Ion Ratio Lower Upper

240 100

120 5.8 10.9 16.3#

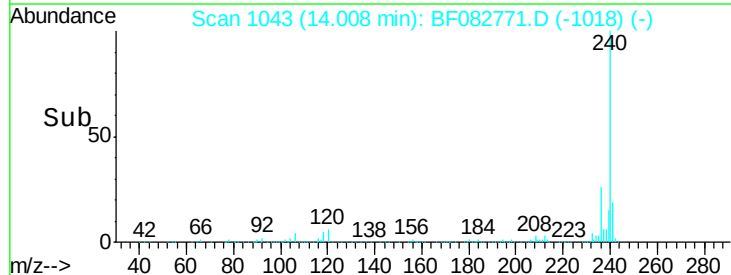
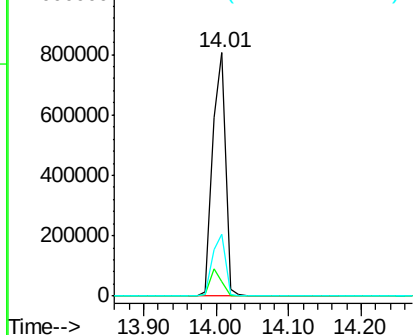
236 25.7 21.6 32.4

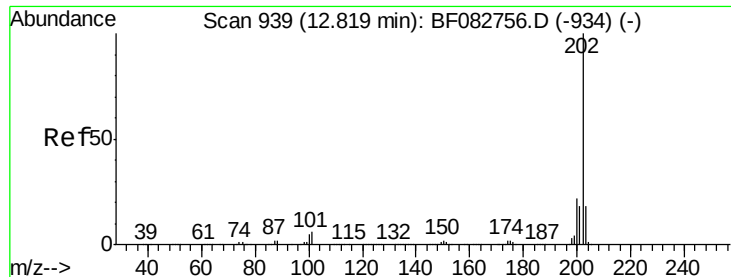


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.11 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.15 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

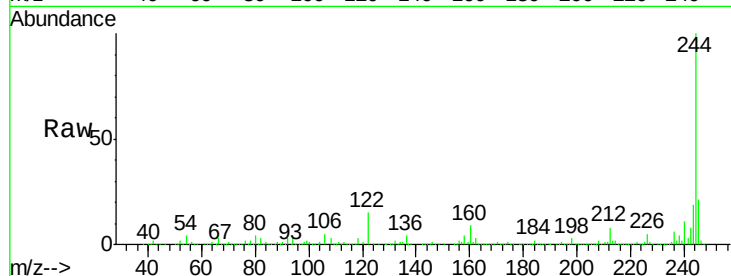
Tgt Ion:202 Resp: 7257

Ion Ratio Lower Upper

202 100

200 59.5 18.7 28.1#

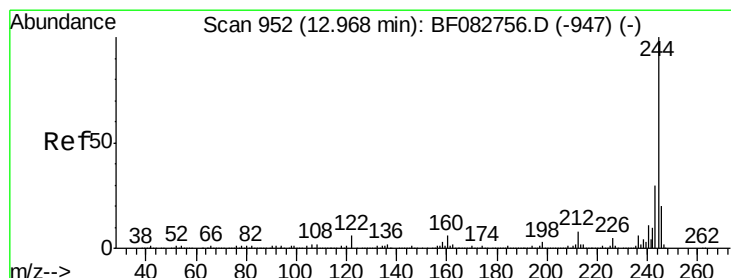
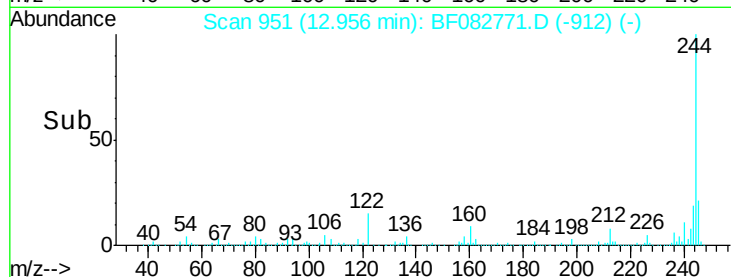
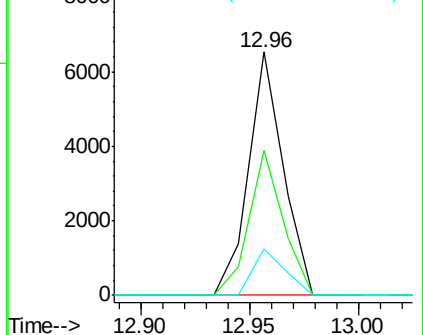
203 18.9 14.8 22.2



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: 57.25 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

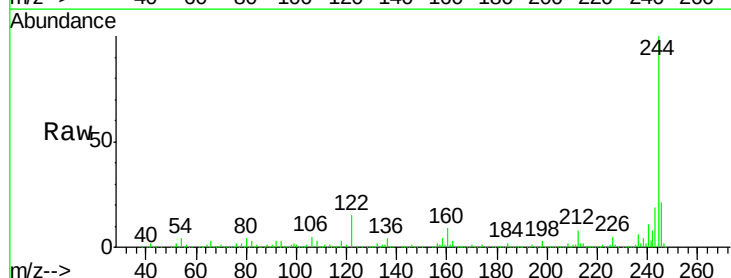
Tgt Ion:244 Resp: 2400237

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

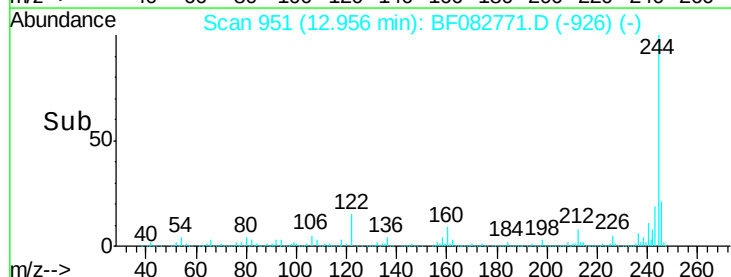
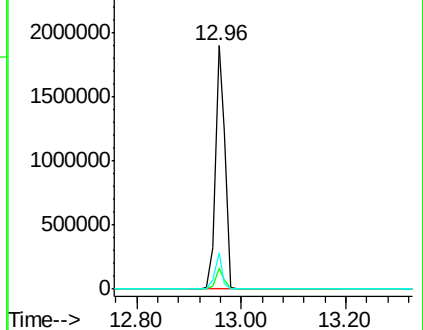
122 14.7 11.3 16.9

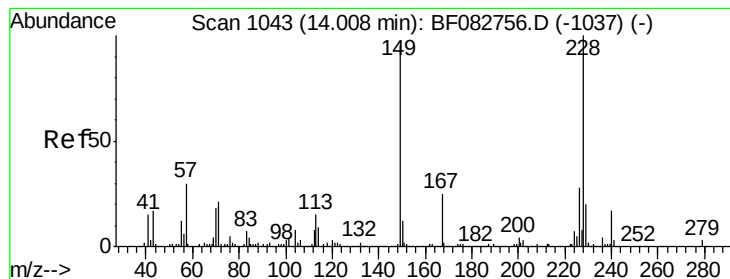


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082771.D

Acq: 6 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB86463BL

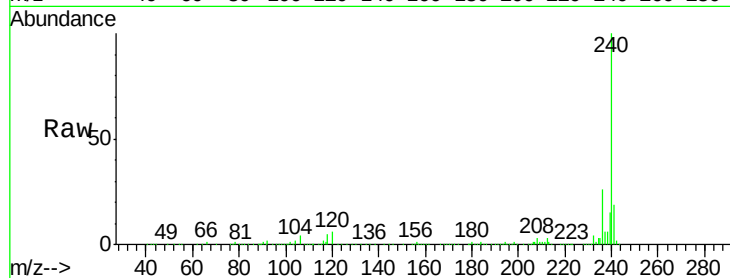
Tgt Ion:228 Resp: 2188

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

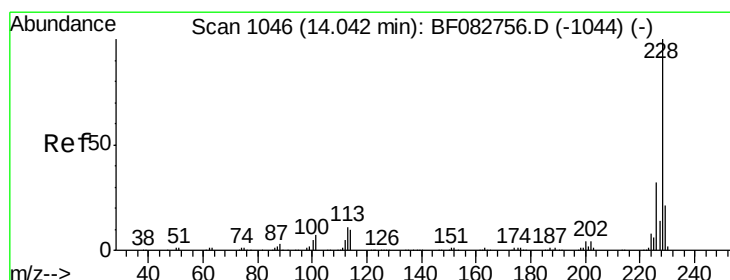
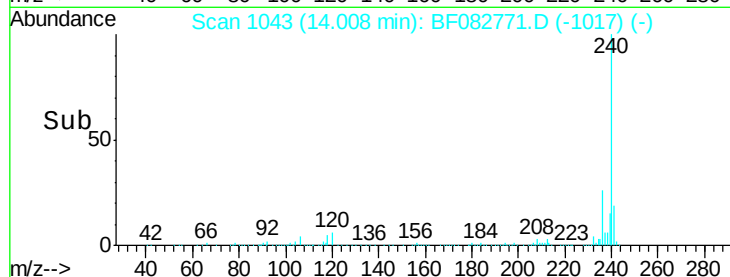
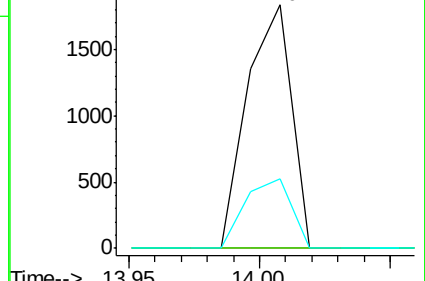
229 28.3 16.3 24.5#



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: BF082771.D

Acq: 6 Nov 2015 19:58

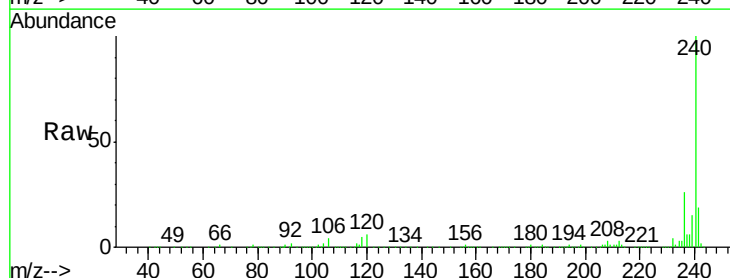
Tgt Ion:228 Resp: 2188

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

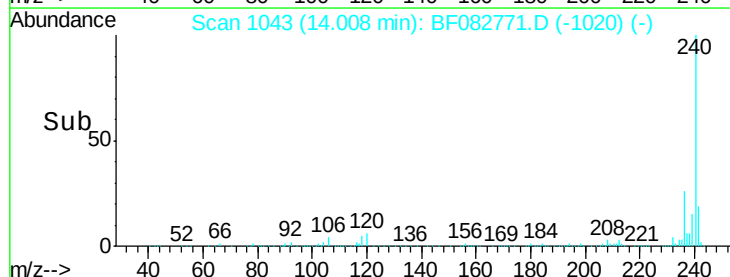
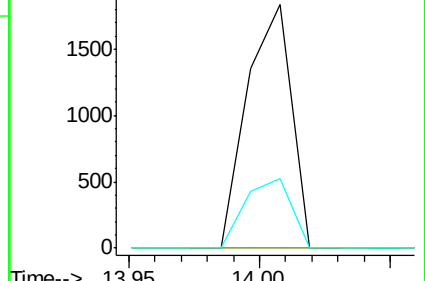
229 28.3 16.3 24.5#

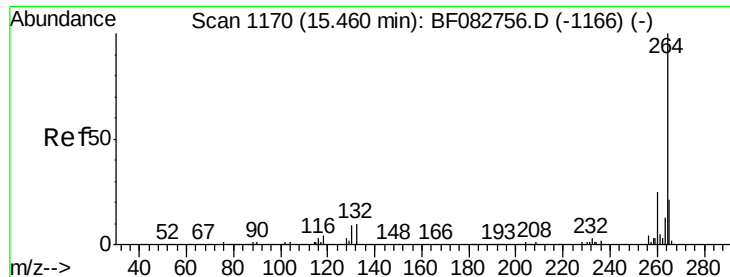


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

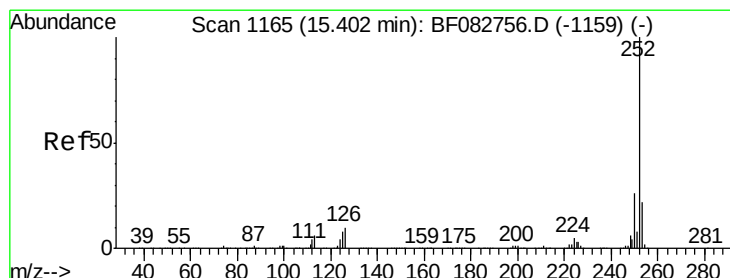
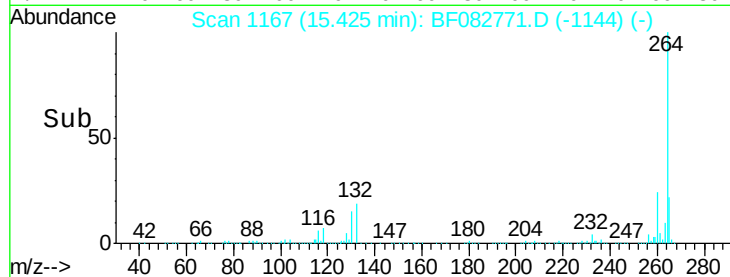
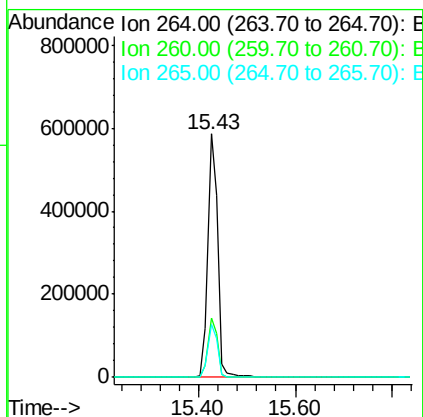
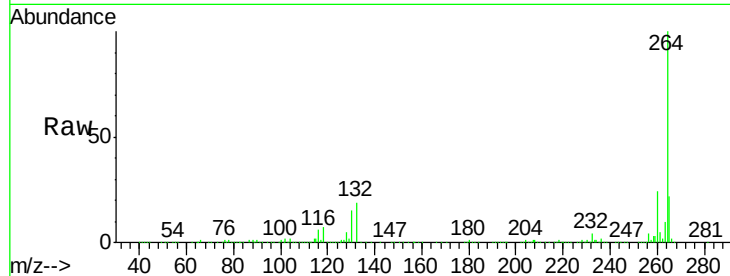




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082771.D
Acq: 6 Nov 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB86463BL

Tgt Ion: 264 Resp: 836019
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 21.9 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: BF082771.D
Acq: 6 Nov 2015 19:58

Tgt Ion: 252 Resp: 2154
Ion Ratio Lower Upper
252 100
253 28.4 17.3 25.9#
125 16.7 7.1 10.7#

