

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082775.D
 Acq On : 6 Nov 2015 21:55
 Operator : UM/IZ
 Sample : PB86421BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Quant Time: Nov 07 03:10:37 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	6.85	152	240751	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	977810	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	479067	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	768381	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	735846	20.00	ng	-0.02
86) Perylene-d12	15.44	264	616326	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1681820	108.69	ng	0.01
7) Phenol-d6	6.48	99	2224802	108.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	1589227	70.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	537304	97.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2509996	75.09	ng	0.00
78) Terphenyl-d14	12.96	244	2197676	70.84	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	219	0.03	ng	# 1
4) n-Nitrosodimethylamine	3.06	42	215	0.02	ng	# 1
6) Aniline	6.61	93	2636	0.09	ng	# 1
8) 2-Chlorophenol	6.62	128	1026	0.06	ng	# 1
9) Benzaldehyde	6.61	77	41521	3.65	ng	84
10) Phenol	6.61	94	4137	0.18	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	2636	0.15	ng	# 1
15) Benzyl Alcohol	7.00	79	24089	1.33	ng	# 58
17) 2-Methylphenol	7.00	107	224	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	210291	13.91	ng	# 63
20) 3+4-Methylphenols	7.00	107	224	0.01	ng	# 1
24) Nitrobenzene	7.41	77	4189	0.18	ng	# 33
25) Isophorone	7.41	82	1460470	35.12	ng	# 69
31) Naphthalene	8.27	128	1082	0.02	ng	# 1
45) 1,1'-Biphenyl	9.21	154	5170	0.13	ng	# 1
47) 2-Nitroaniline	9.21	65	4660	0.39	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	60510	7.23	ng	# 17
51) Acenaphthene	9.89	154	1754	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	60513	5.33	ng	# 15
57) Fluorene	10.67	166	21517	0.62	ng	# 89
62) Azobenzene	10.67	77	2629	0.06	ng	# 14
64) 4,6-Dinitro-2-methylphenol	10.67	198	782	0.14	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	16752	0.60	ng	# 47
66) 4-Bromophenyl-phenylether	10.67	248	34758	3.76	ng	# 1
70) Phenanthrene	11.37	178	258	0.01	ng	# 1
71) Anthracene	11.37	178	258	0.01	ng	# 1
73) Di-n-butylphthalate	11.94	149	1765	0.03	ng	# 76
77) Pyrene	12.96	202	6933	0.14	ng	# 71
80) Benzo(a)anthracene	14.00	228	1713	0.04	ng	# 59
82) Chrysene	14.00	228	1713	0.04	ng	# 57
83) Bis(2-ethylhexyl)phthalate	14.00	149	263	0.01	ng	# 1
89) Benzo(a)pyrene	15.44	252	1670	0.05	ng	# 62

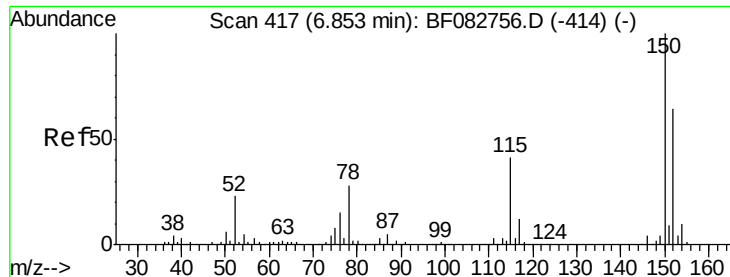
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
Data File : BF082775.D
Acq On : 6 Nov 2015 21:55
Operator : UM/IZ
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 07 03:10:37 2015
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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)

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

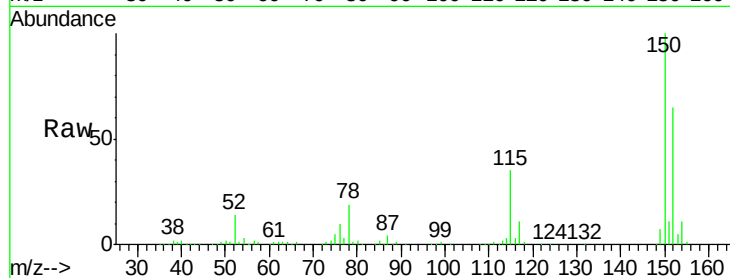
Tgt Ion:152 Resp: 240751

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

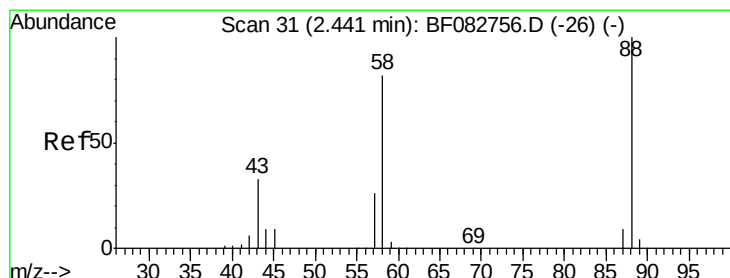
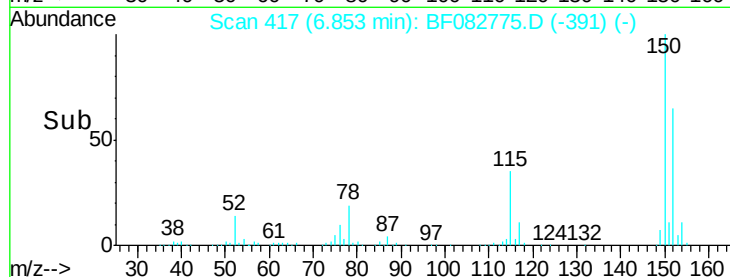
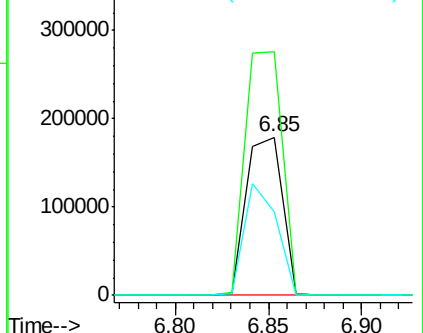
115 53.2 47.0 70.6



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: 0.03 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.03 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

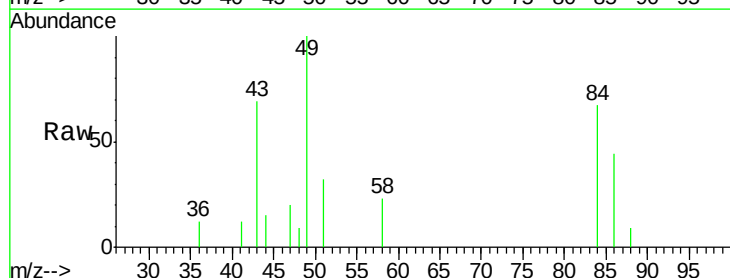
Tgt Ion: 88 Resp: 219

Ion Ratio Lower Upper

88 100

58 252.5 62.0 93.0#

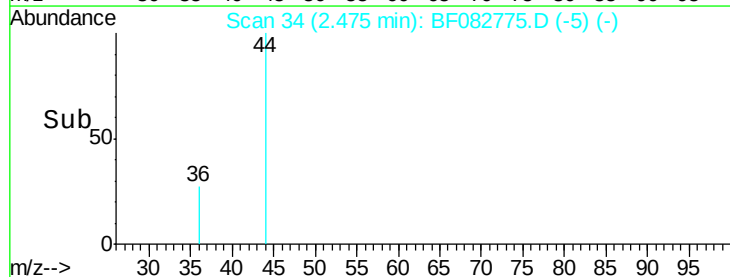
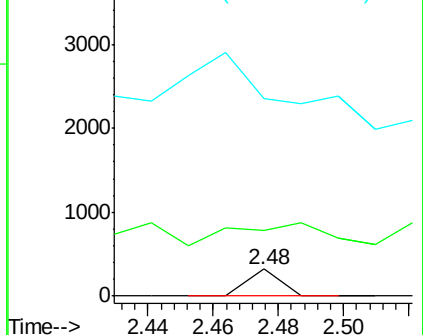
43 0.0 26.6 40.0#

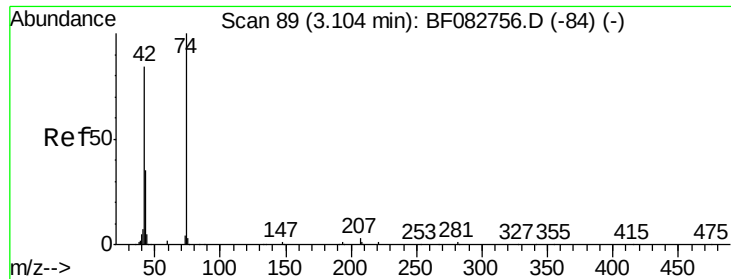


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.06 min Scan# 85

Delta R.T. -0.03 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

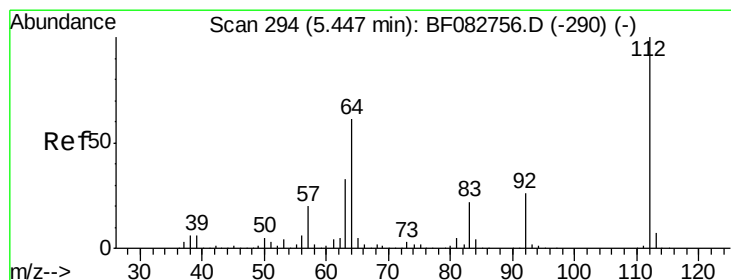
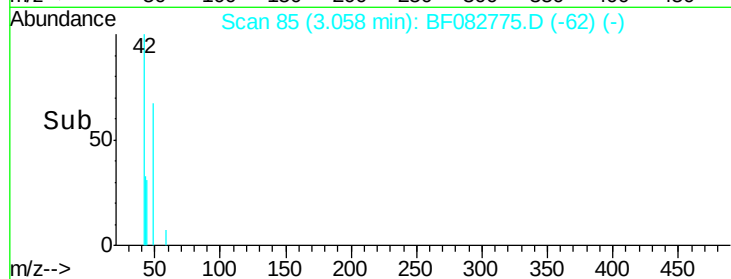
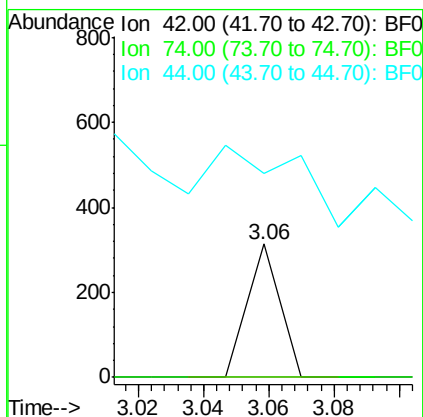
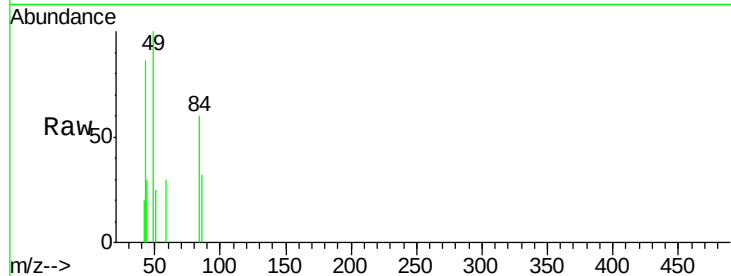
Tgt Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 152.5 5.8 8.8#



#5

2-Fluorophenol

Concen: 108.69 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

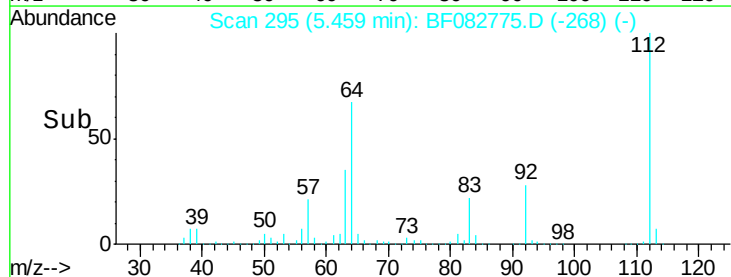
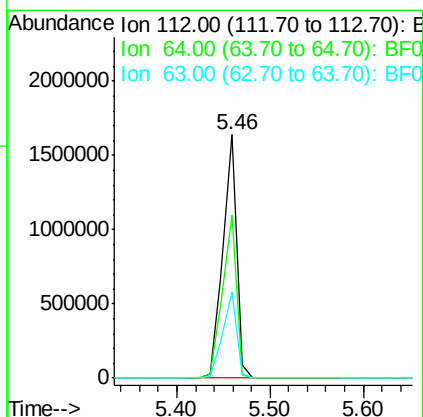
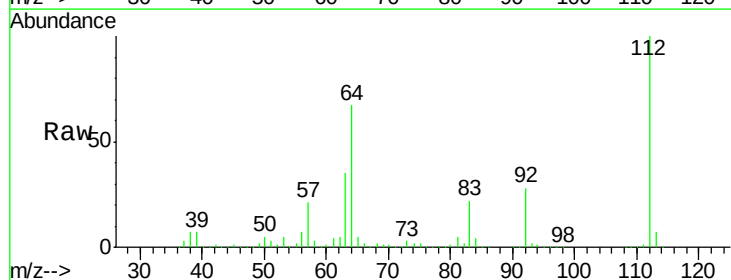
Tgt Ion: 112 Resp: 1681820

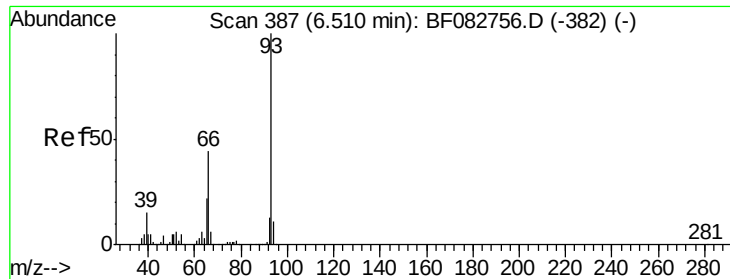
Ion Ratio Lower Upper

112 100

64 67.0 48.9 73.3

63 35.4 28.1 42.1





#6

Aniline

Concen: 0.09 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.10 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

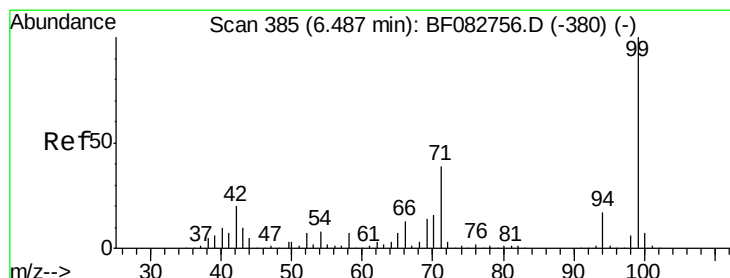
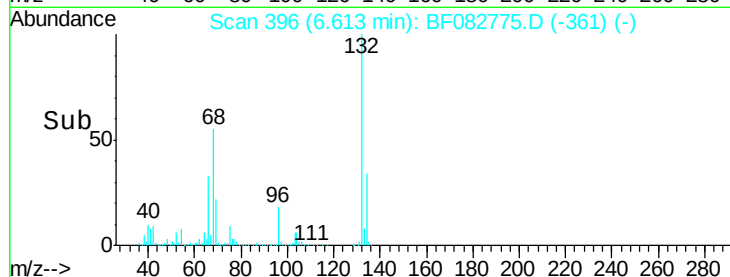
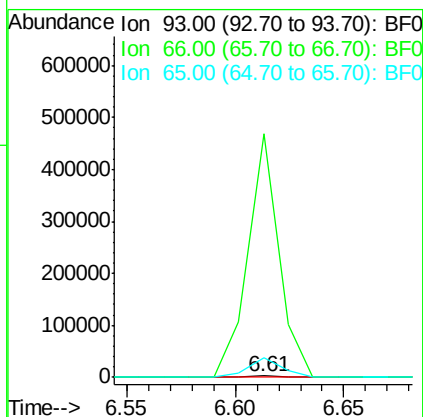
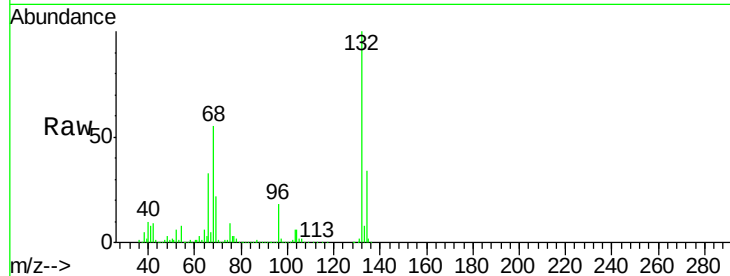
Tgt Ion: 93 Resp: 2636

Ion Ratio Lower Upper

93 100

66 18465.9 33.6 50.4#

65 1455.6 18.1 27.1#



#7

Phenol-d6

Concen: 108.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

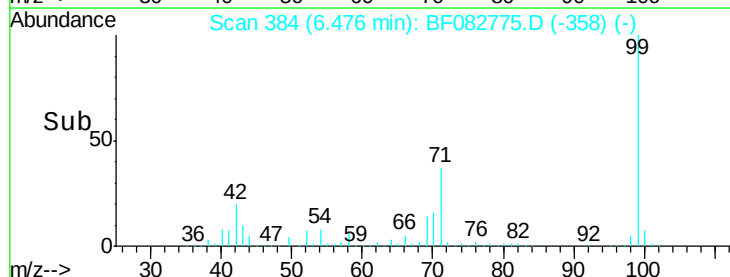
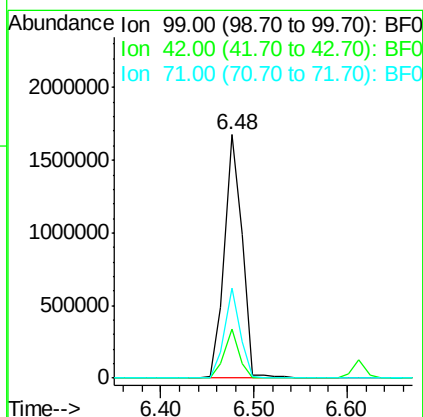
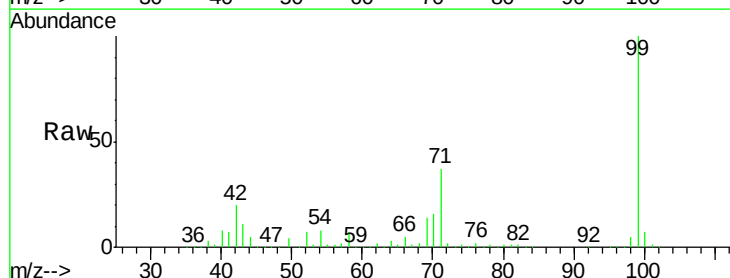
Tgt Ion: 99 Resp: 2224802

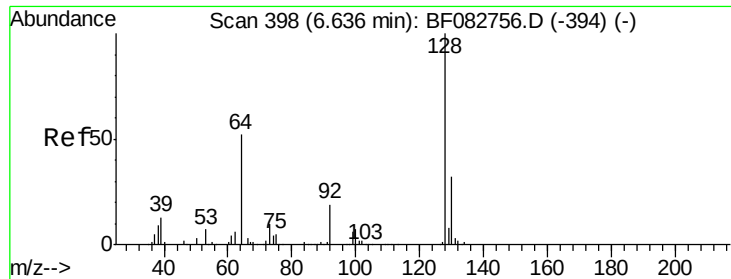
Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

71 37.1 35.0 52.4





#8

2-Chlorophenol

Concen: 0.06 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

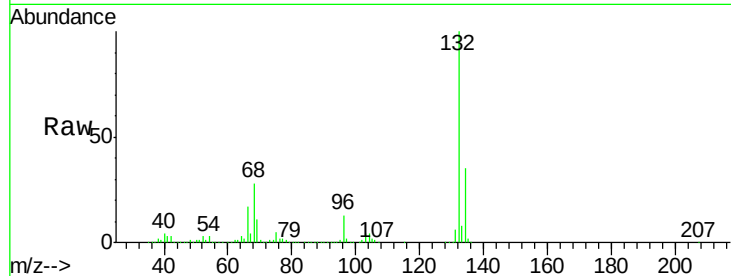
Tgt Ion:128 Resp: 1026

Ion Ratio Lower Upper

128 100

130 171.9 13.5 53.5#

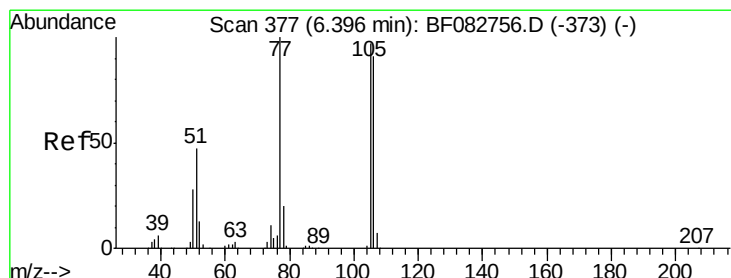
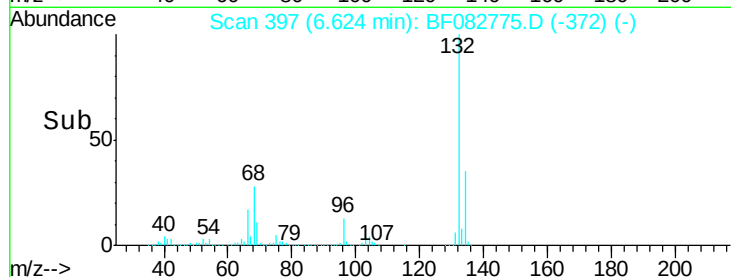
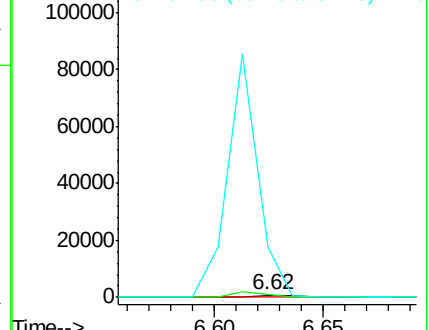
64 2582.6 21.1 61.1#



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: 3.65 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

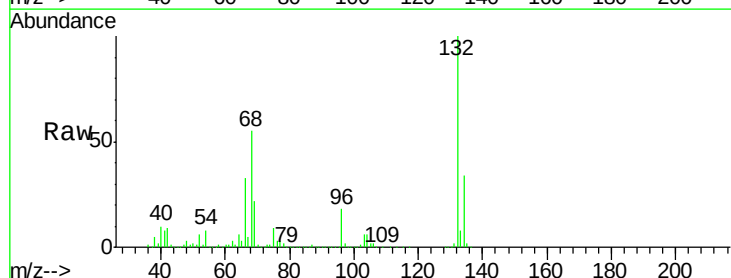
Tgt Ion: 77 Resp: 41521

Ion Ratio Lower Upper

77 100

105 69.6 63.5 103.5

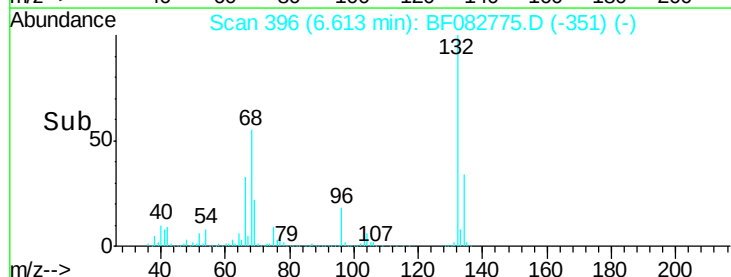
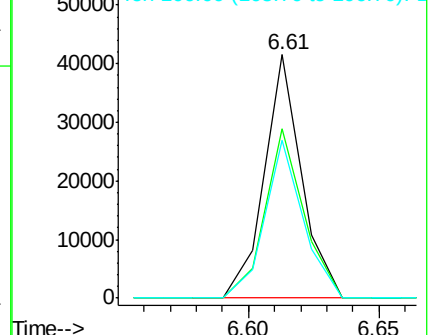
106 64.7 59.3 99.3

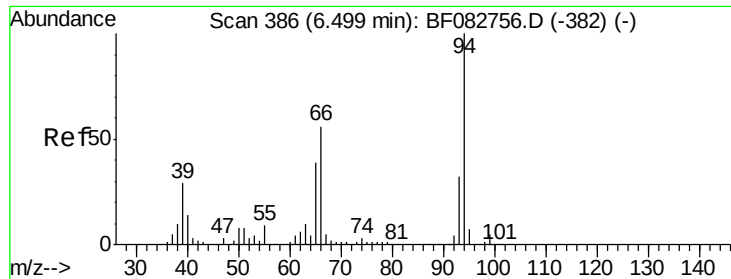


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.18 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.13 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

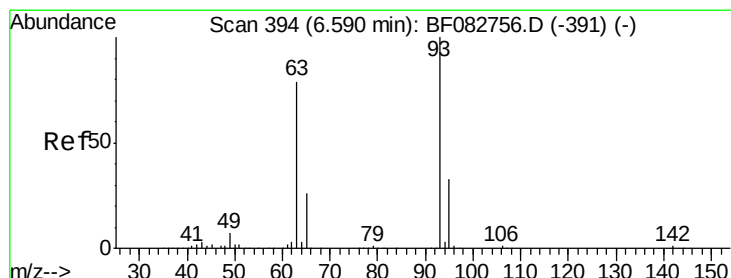
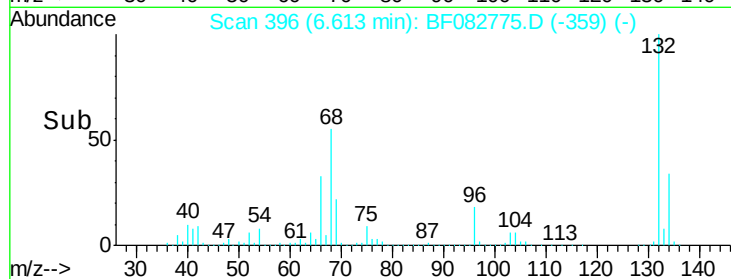
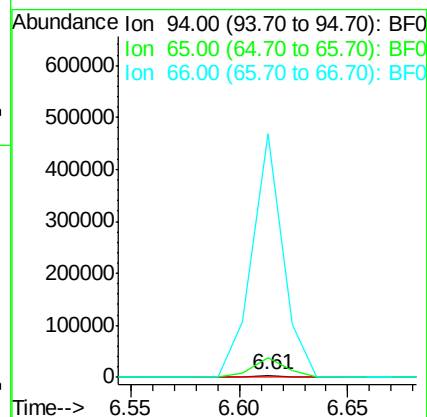
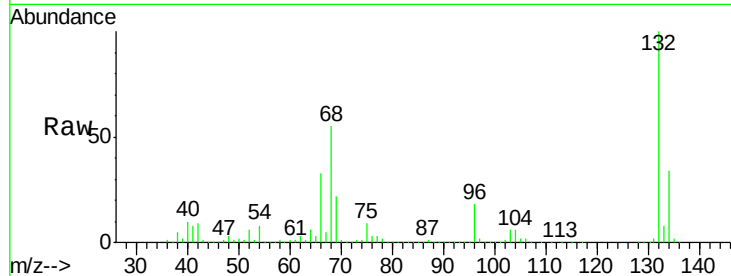
Tgt Ion: 94 Resp: 4137

Ion Ratio Lower Upper

94 100

65 970.3 18.9 58.9#

66 12309.0 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

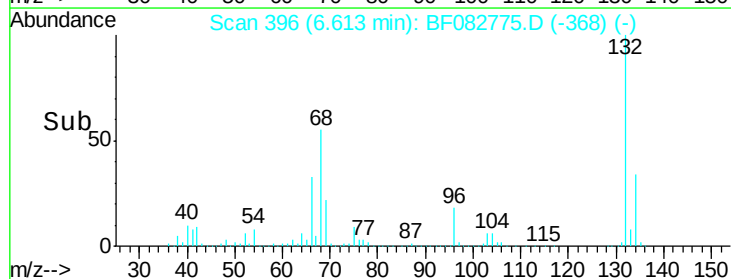
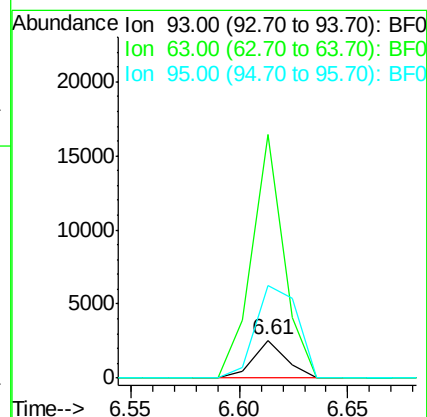
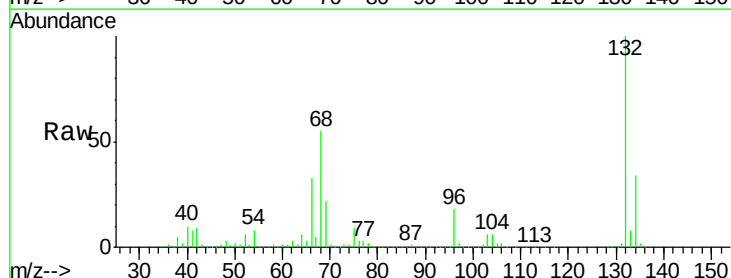
Tgt Ion: 93 Resp: 2636

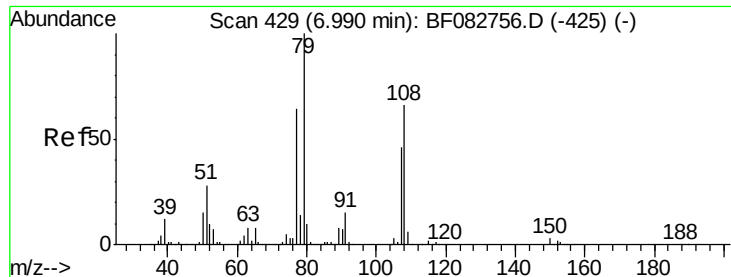
Ion Ratio Lower Upper

93 100

63 648.0 72.7 112.7#

95 247.9 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.33 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

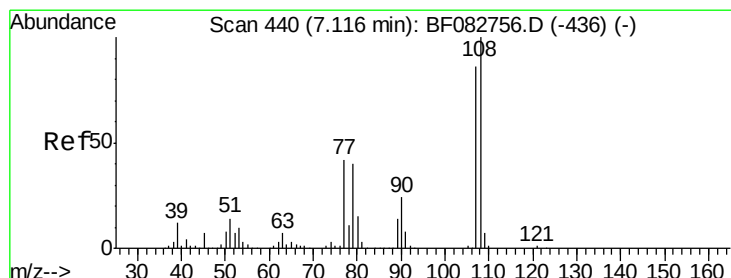
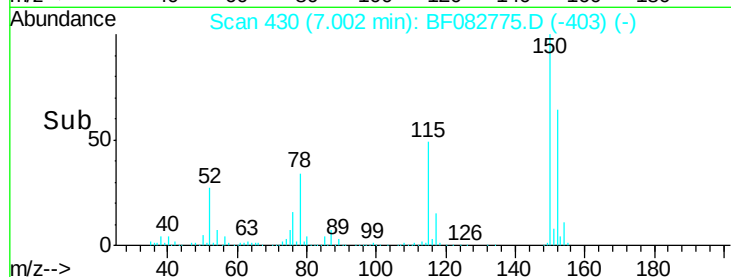
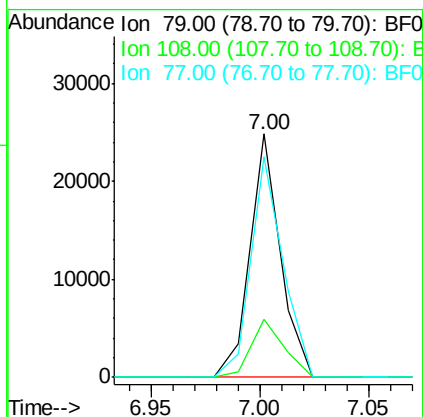
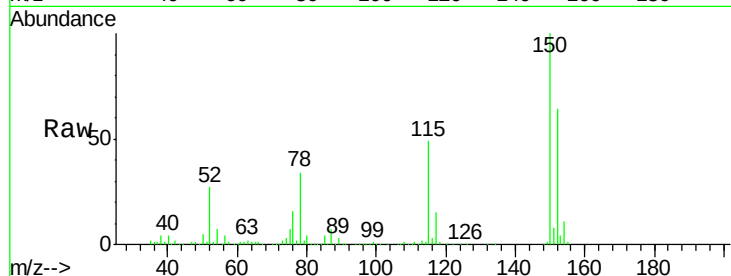
Tgt Ion: 79 Resp: 24089

Ion Ratio Lower Upper

79 100

108 23.7 52.2 78.4#

77 90.4 52.7 79.1#



#17

2-Methylphenol

Concen: 0.02 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.10 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Tgt Ion: 107 Resp: 224

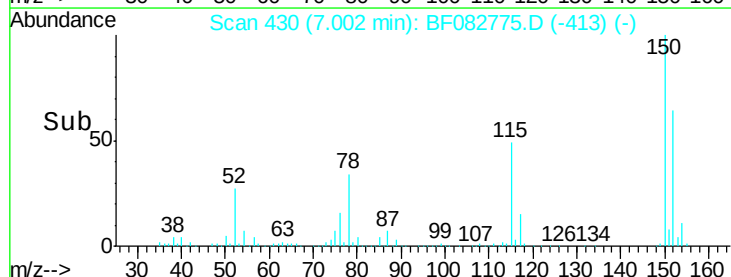
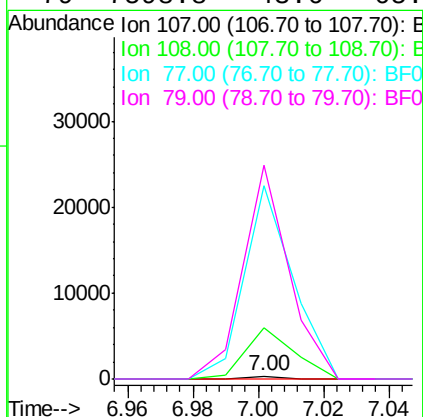
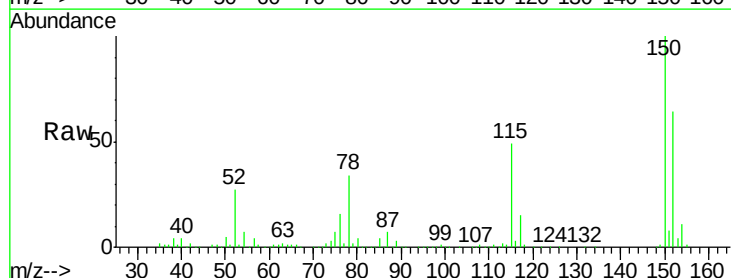
Ion Ratio Lower Upper

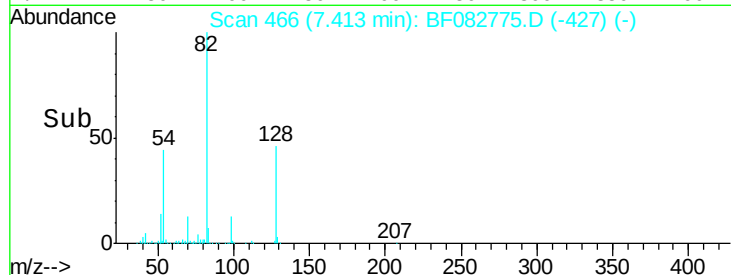
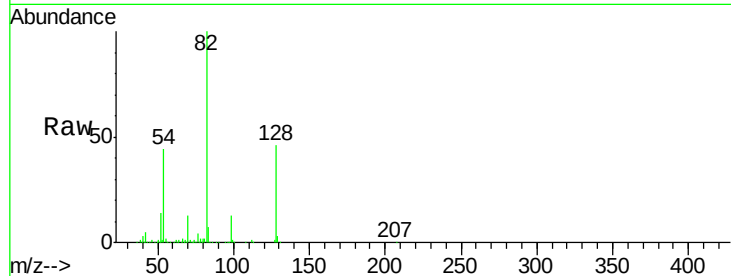
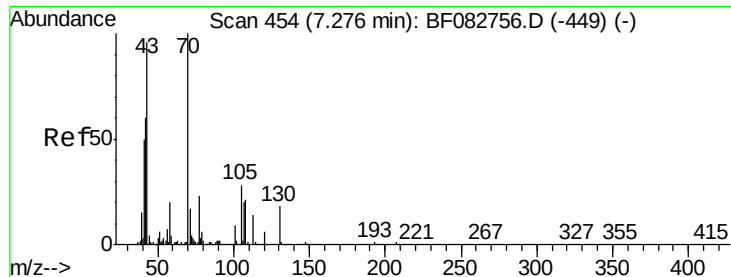
107 100

108 1804.6 93.0 139.4#

77 6872.2 44.1 66.1#

79 7598.8 43.6 65.4#

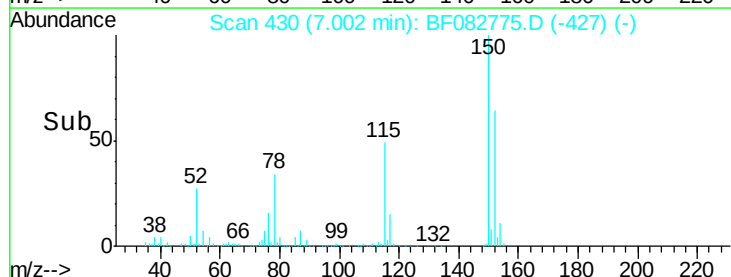
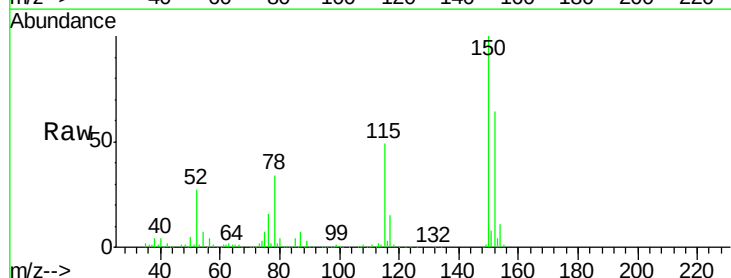
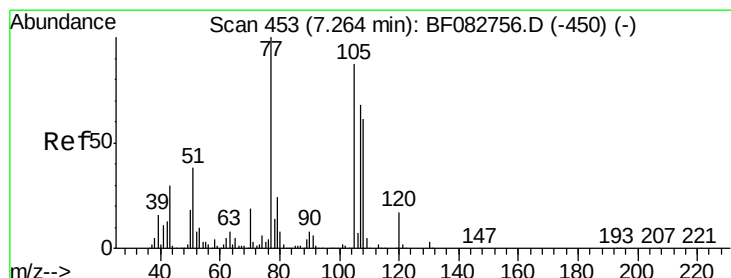
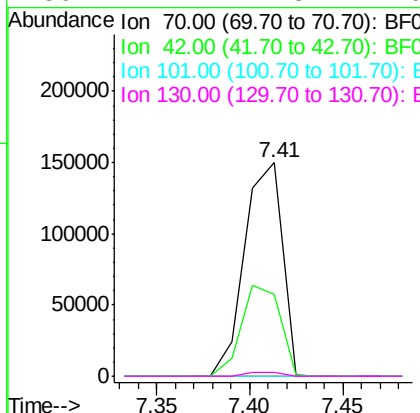




#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

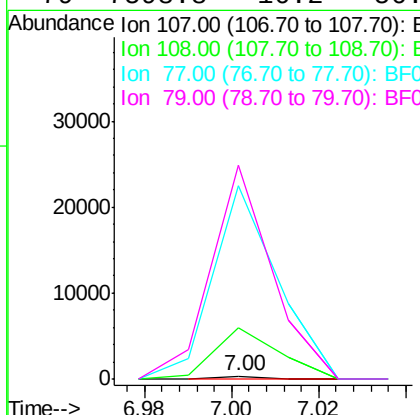
Instrument :
BNA_F
ClientSampleId :
PB86421BL

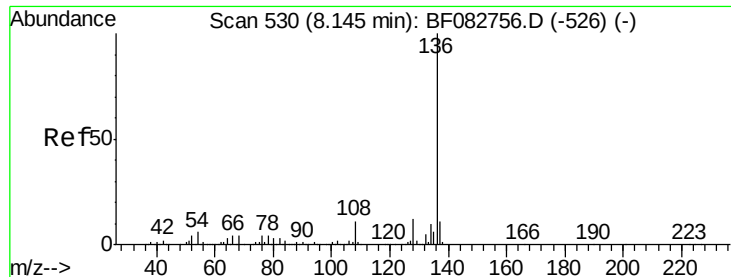
Tgt Ion: 70 Resp: 210291
Ion Ratio Lower Upper
70 100
42 38.6 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.26 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion: 107 Resp: 224
Ion Ratio Lower Upper
107 100
108 1804.6 67.3 107.3#
77 6872.2 100.3 140.3#
79 7598.8 16.2 56.2#

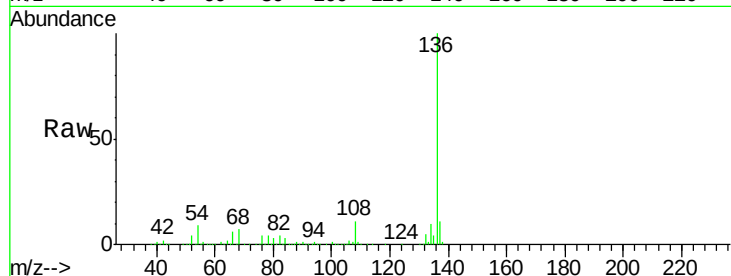




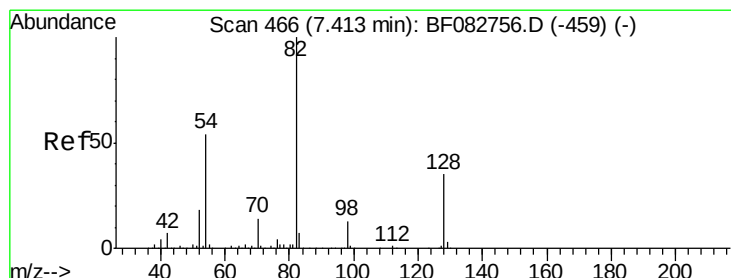
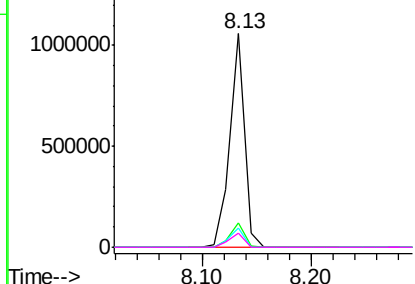
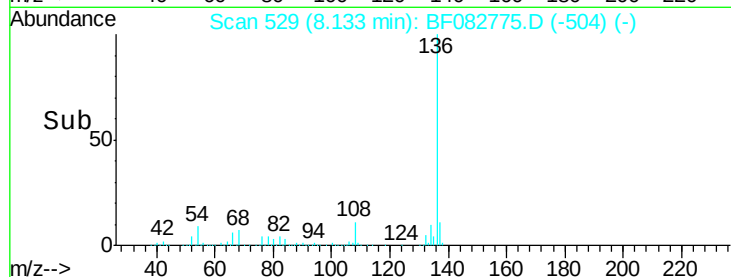
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB86421BL

Tgt Ion:	136	Resp:	977810
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	9.1	13.7#
68	6.5	4.8	7.2

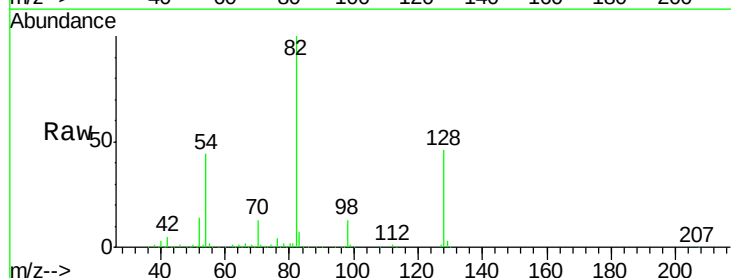


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

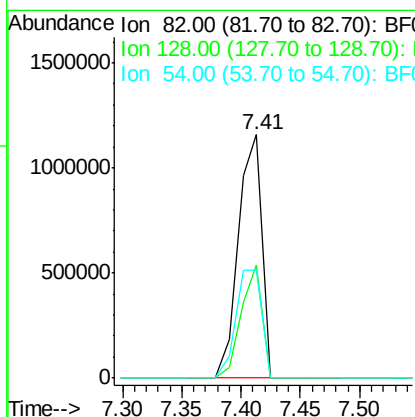
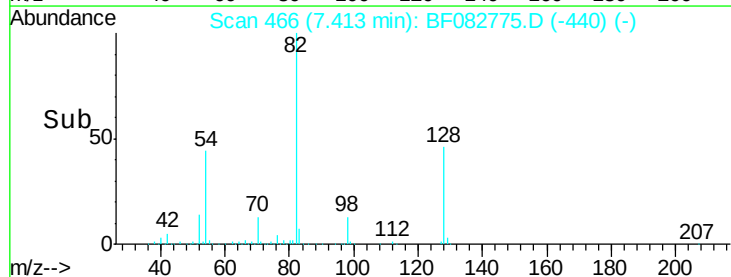


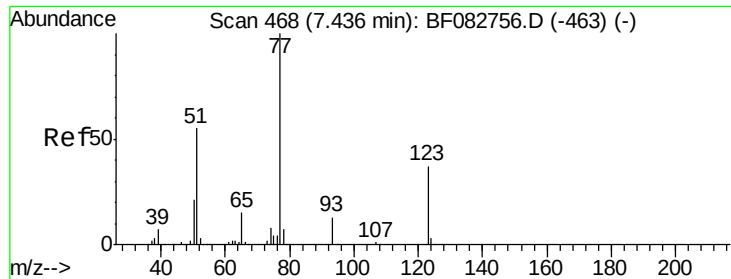
#23
Nitrobenzene-d5
Concen: 70.72 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion:	82	Resp:	1589227
Ion	Ratio	Lower	Upper
82	100		
128	46.3	26.8	40.2#
54	44.2	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

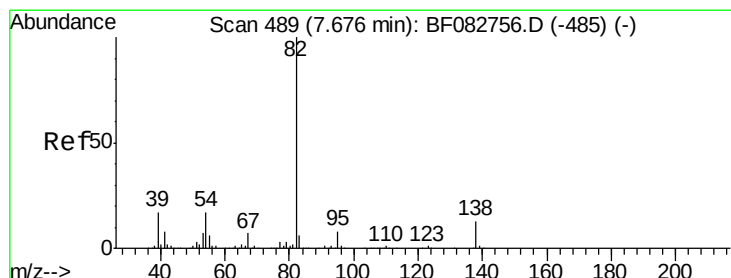
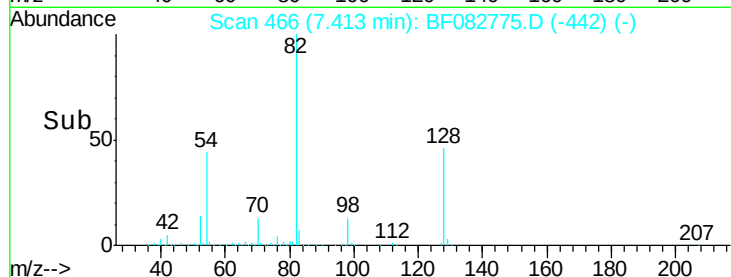
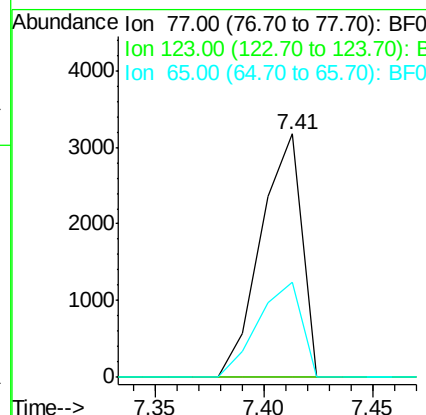
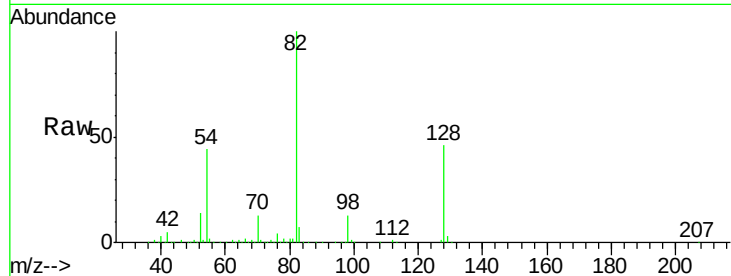




#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

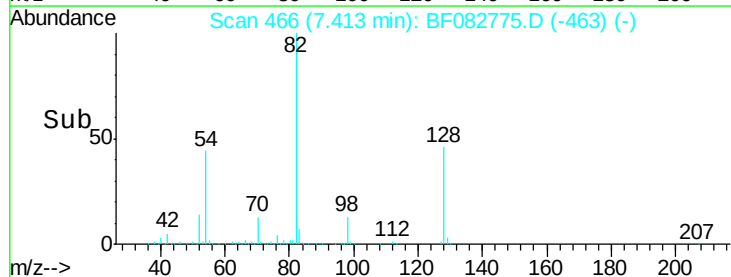
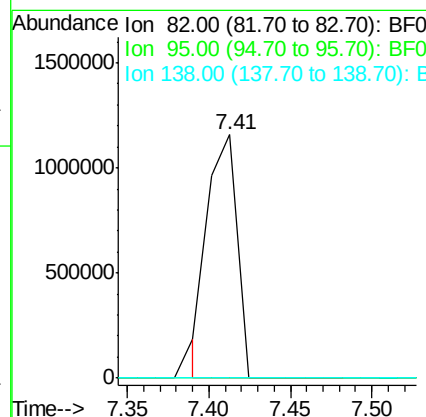
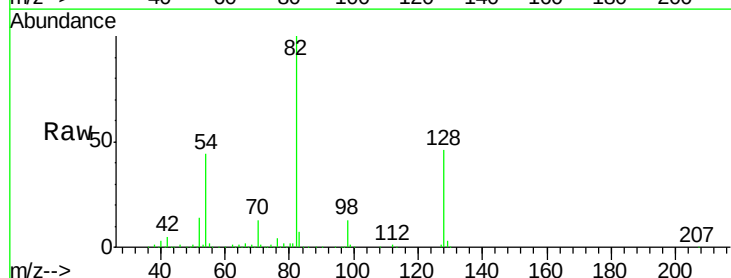
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

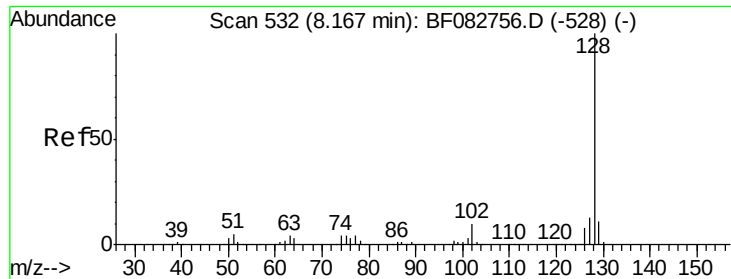
Tgt Ion: 77 Resp: 4189
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 39.2 11.5 17.3#



#25
 Isophorone
 Concen: 35.12 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion: 82 Resp: 1460470
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

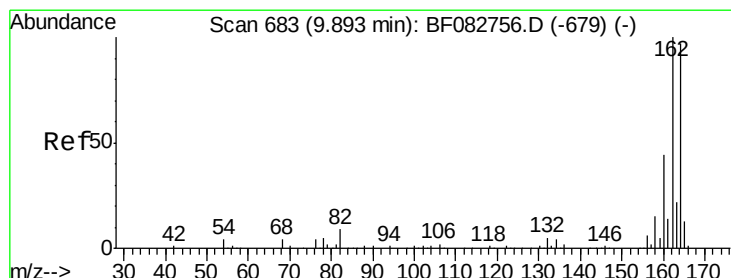
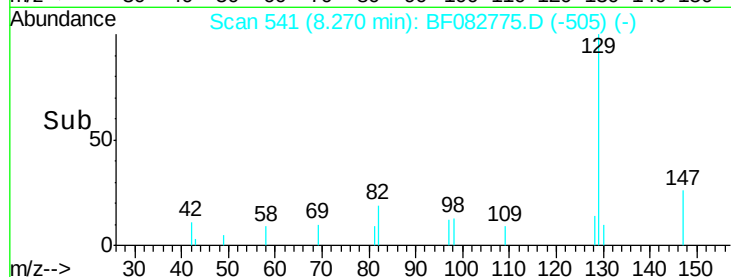
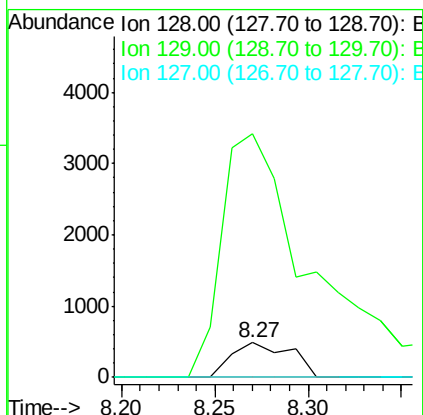
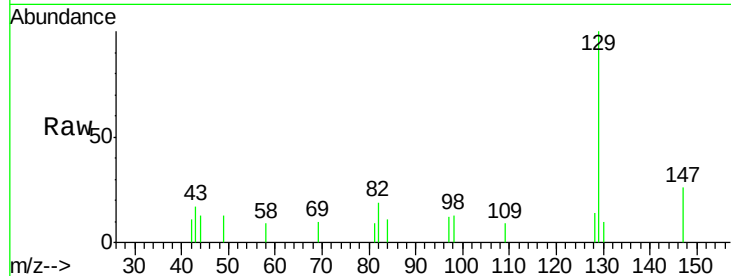




#31
Naphthalene
Concen: 0.02 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.11 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

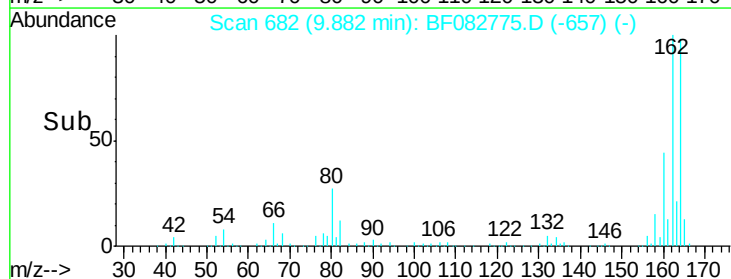
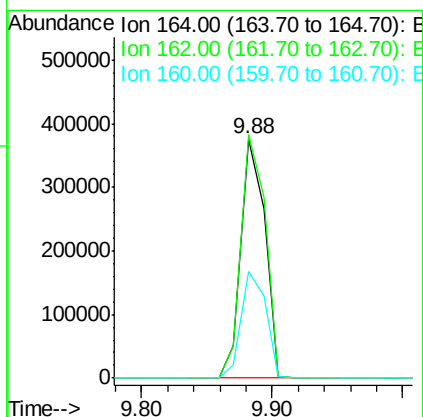
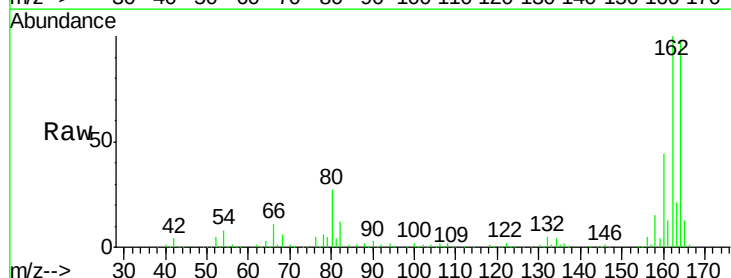
Instrument :
BNA_F
ClientSampleId :
PB86421BL

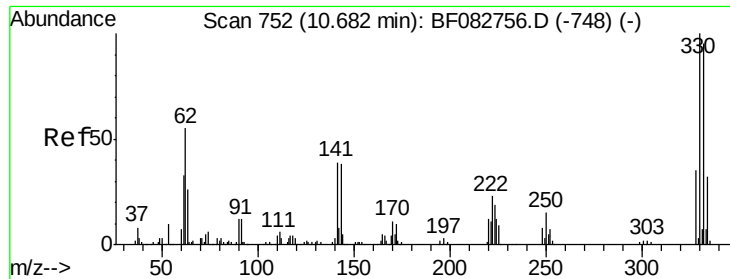
Tgt Ion:128 Resp: 1082
Ion Ratio Lower Upper
128 100
129 706.0 9.5 14.3#
127 0.0 11.4 17.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion:164 Resp: 479067
Ion Ratio Lower Upper
164 100
162 101.9 84.9 127.3
160 44.7 37.5 56.3

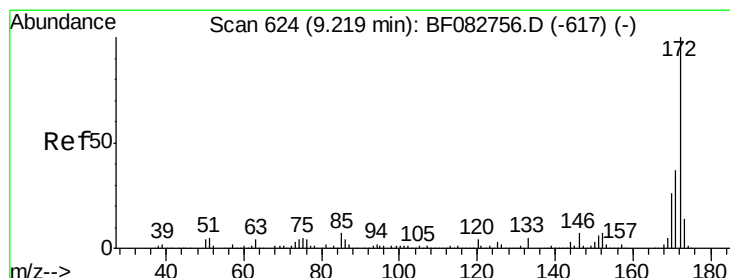
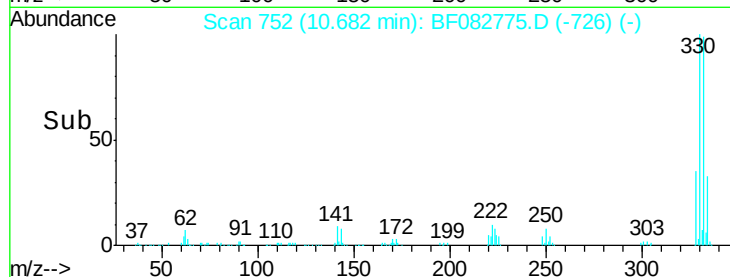
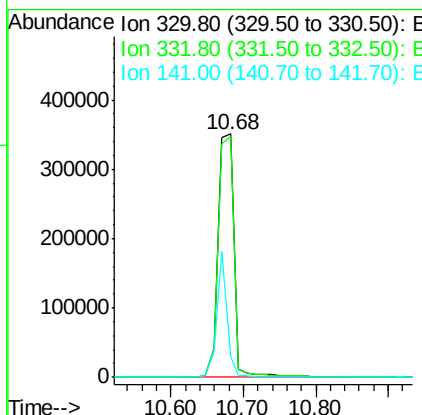
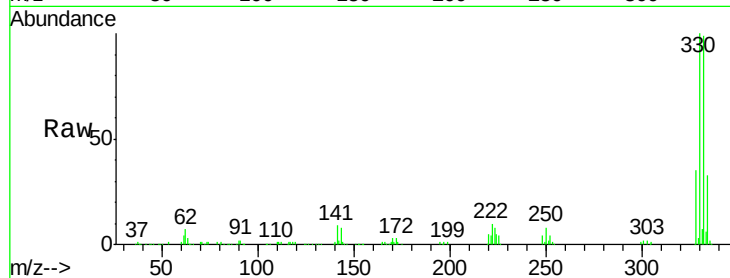




#41
 2,4,6-Tribromophenol
 Concen: 97.82 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

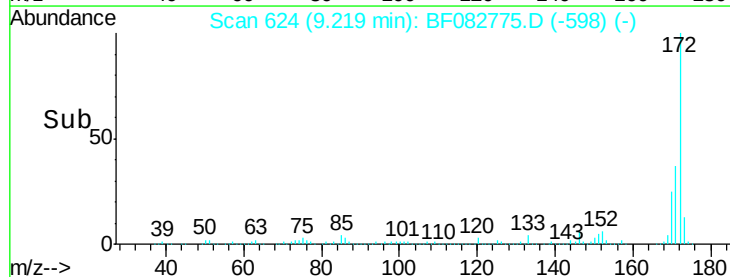
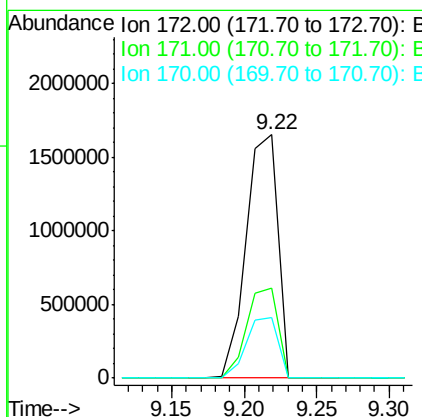
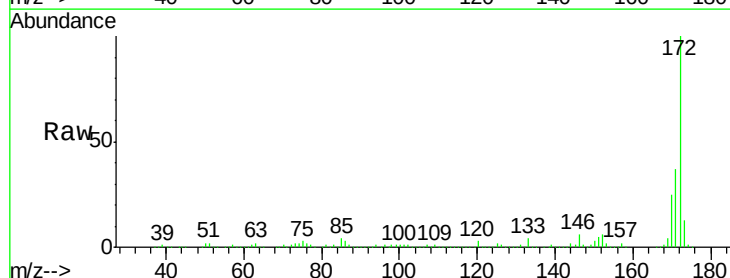
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

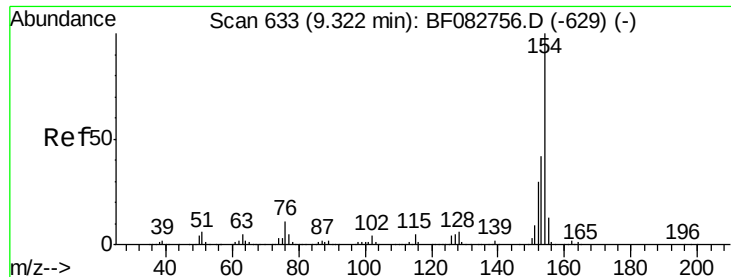
Tgt Ion:330 Resp: 537304
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 114.8
 141 33.9 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion:172 Resp: 2509996
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.9 21.2 31.8





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.11 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

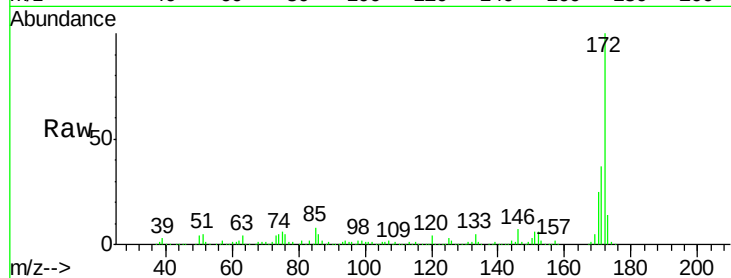
Tgt Ion:154 Resp: 5170

Ion Ratio Lower Upper

154 100

153 755.9 22.0 62.0#

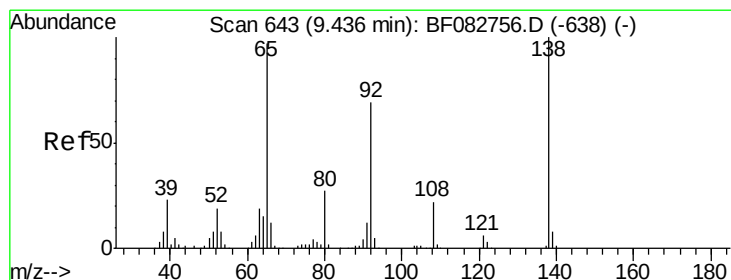
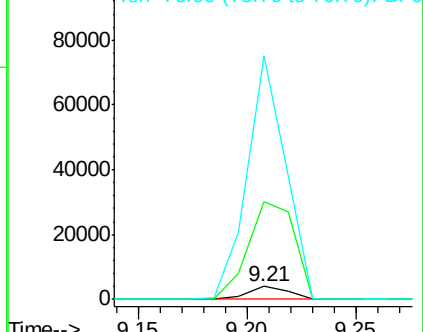
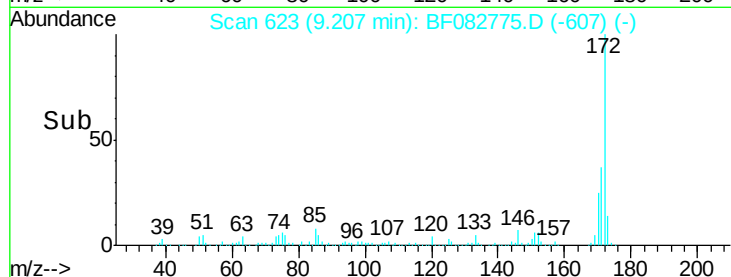
76 1873.4 0.0 29.0#



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: 0.39 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.22 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

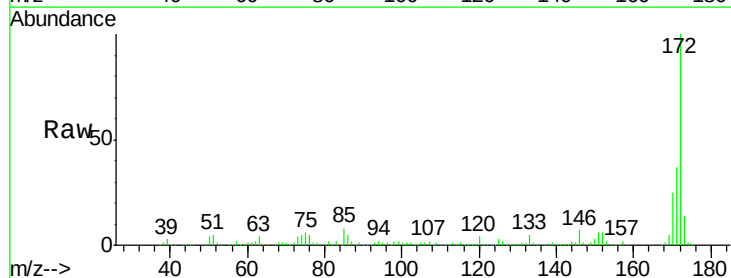
Tgt Ion: 65 Resp: 4660

Ion Ratio Lower Upper

65 100

92 182.6 46.6 70.0#

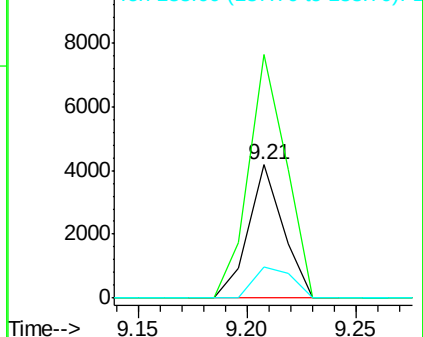
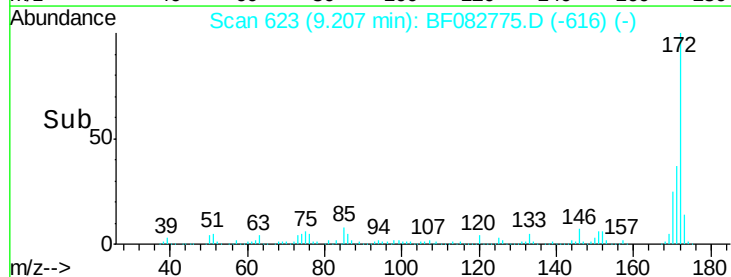
138 23.2 54.6 81.8#

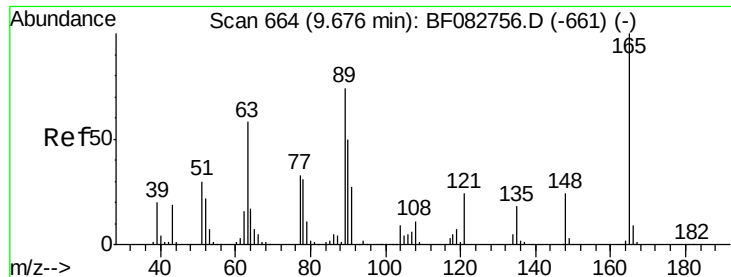


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

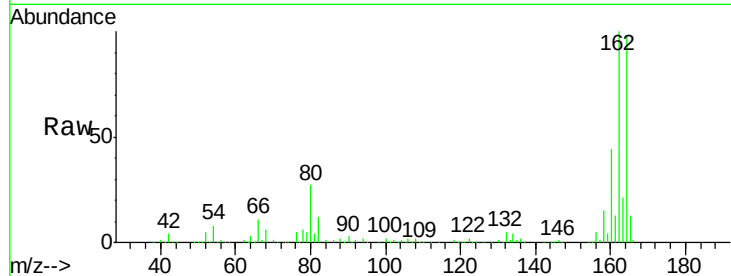




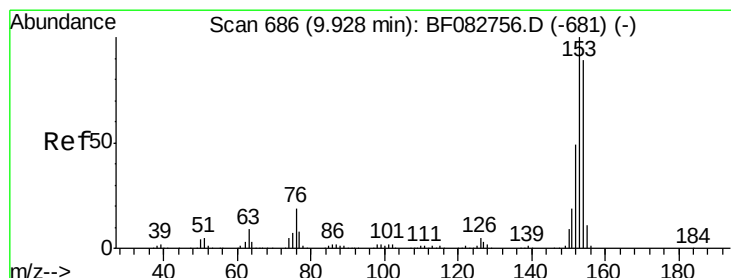
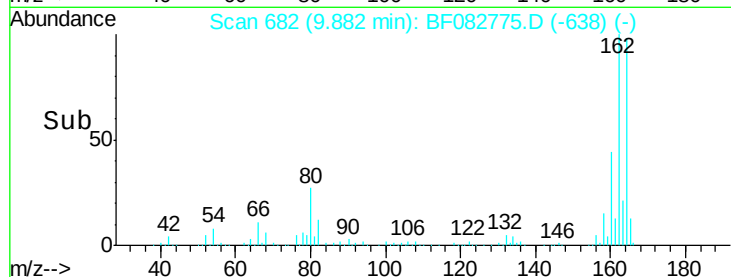
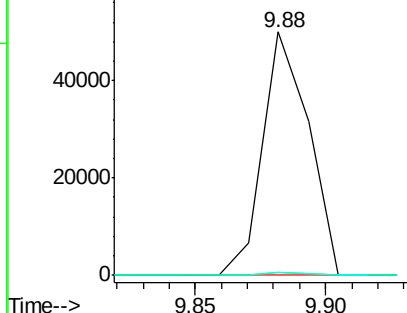
#50
2,6-Dinitrotoluene
Concen: 7.23 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB86421BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.5	83.3#
89	1.3	55.0	82.6#

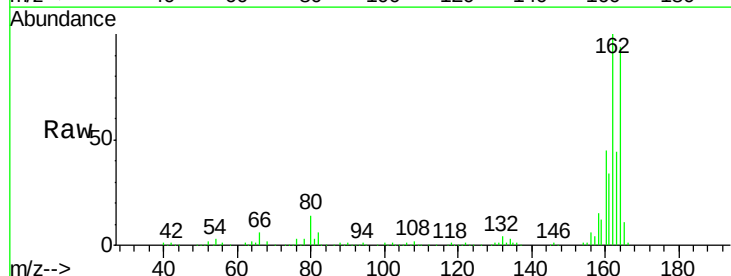


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

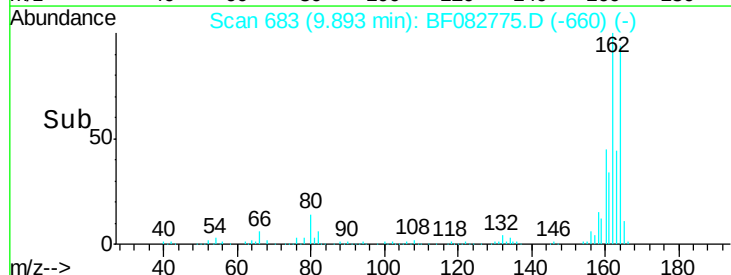
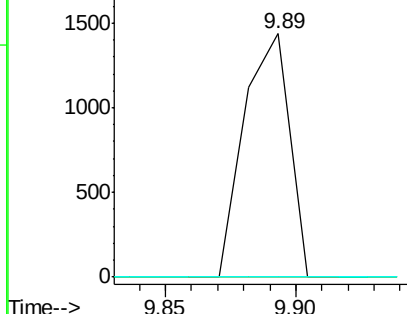


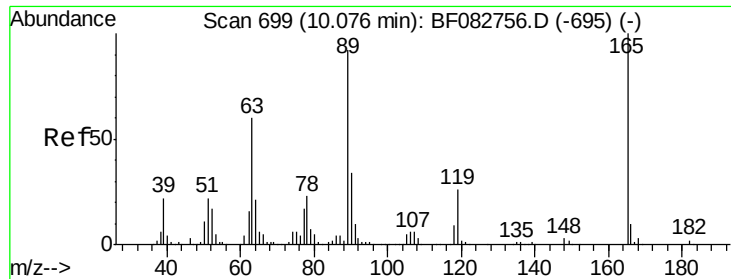
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt 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: BF082775.D

Acq: 6 Nov 2015 21:55

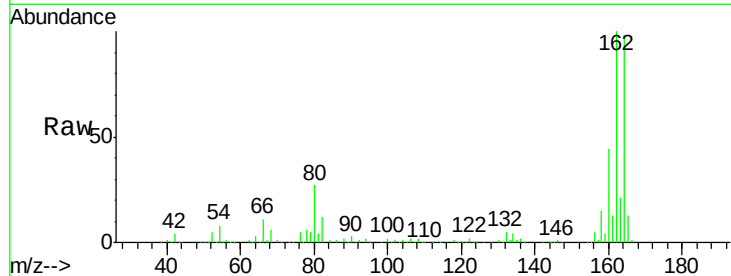
Instrument :

BNA_F

ClientSampleId :

PB86421BL

Tgt Ion:	165	Resp:	60513
Ion Ratio	Lower	Upper	
165	100		
63	1.4	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

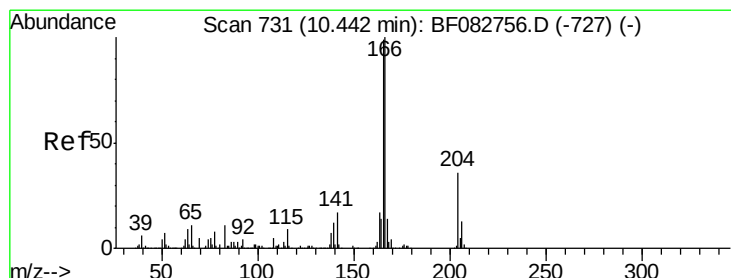
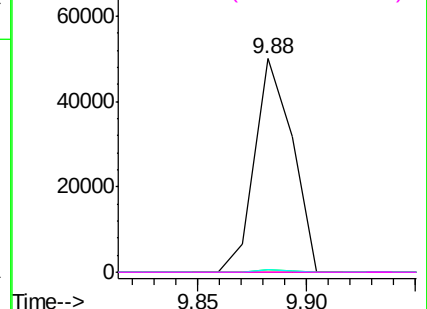
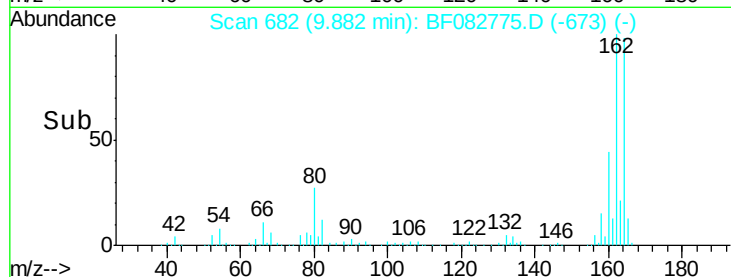


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.62 ng

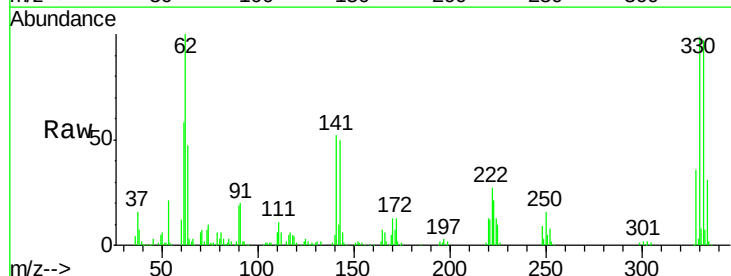
RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

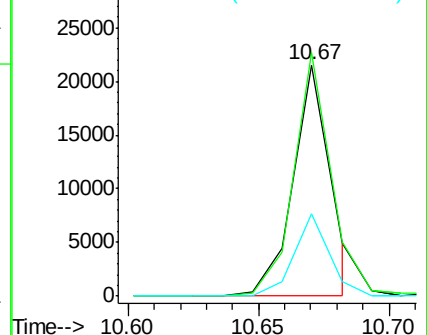
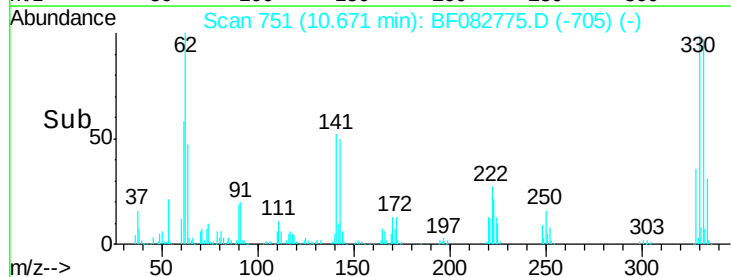
Tgt Ion:	166	Resp:	21517
Ion Ratio	Lower	Upper	
166	100		
165	105.4	80.2	120.4
167	35.9	11.2	16.8#

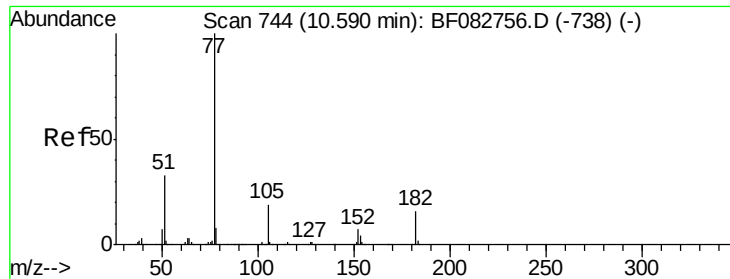


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.06 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

Tgt Ion: 77 Resp: 2629

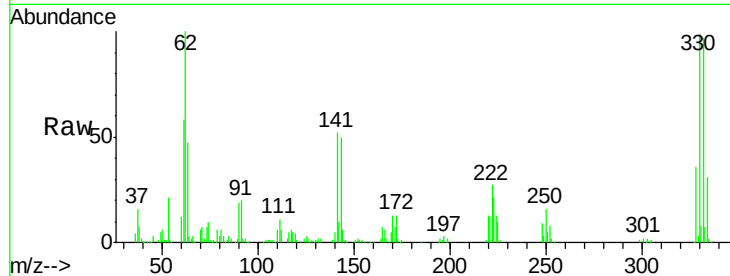
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 72.5 2.6 42.6#

51 85.4 9.9 49.9#

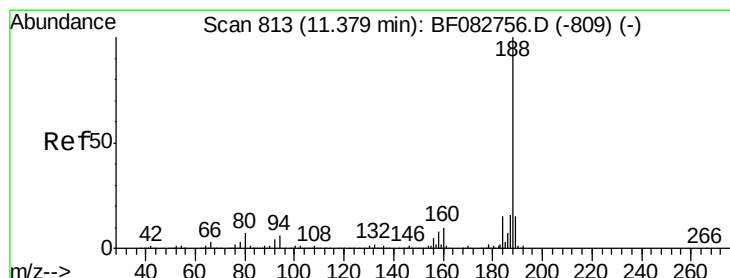
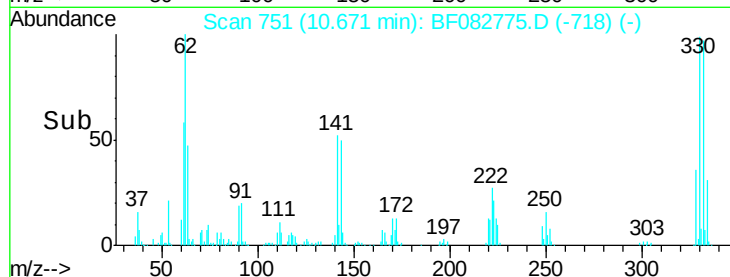
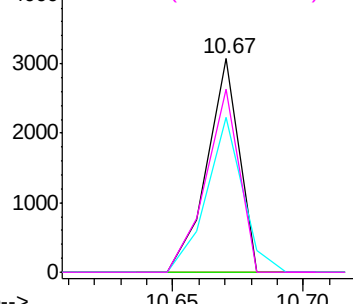


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

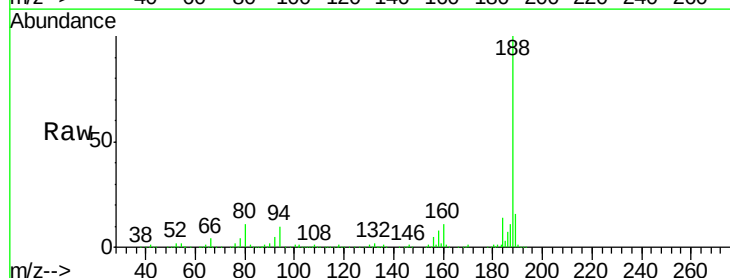
Tgt Ion: 188 Resp: 768381

Ion Ratio Lower Upper

188 100

94 9.7 6.1 9.1#

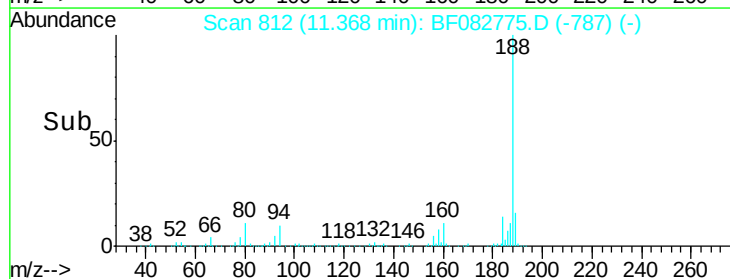
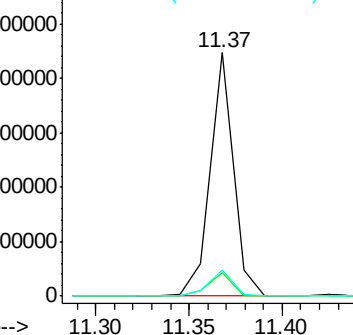
80 10.5 7.0 10.6

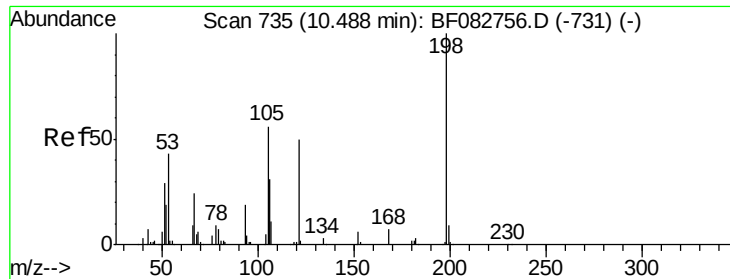


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

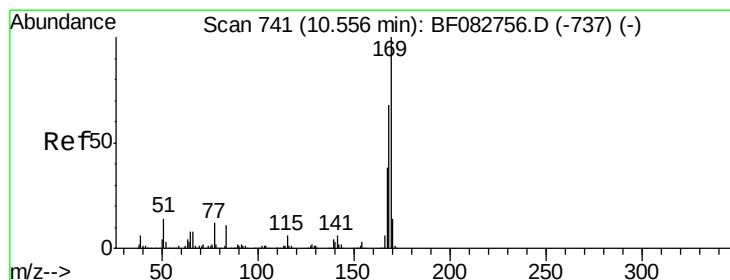
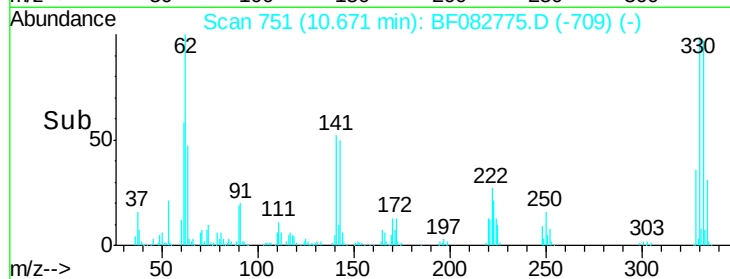
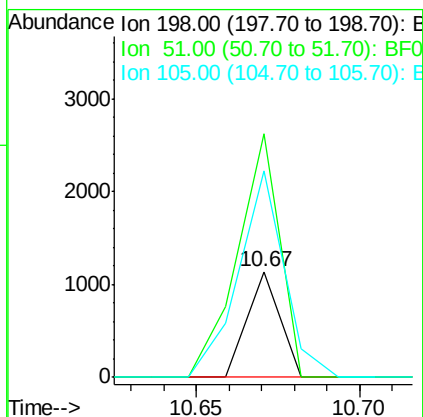
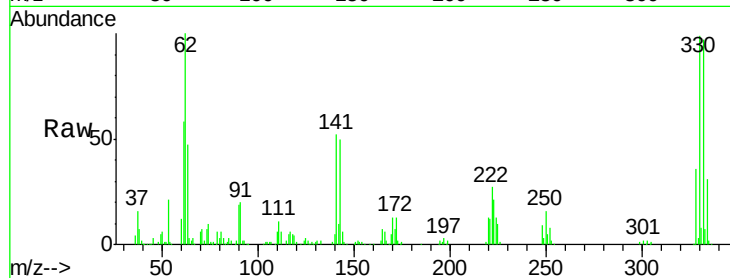




#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.14 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.18 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

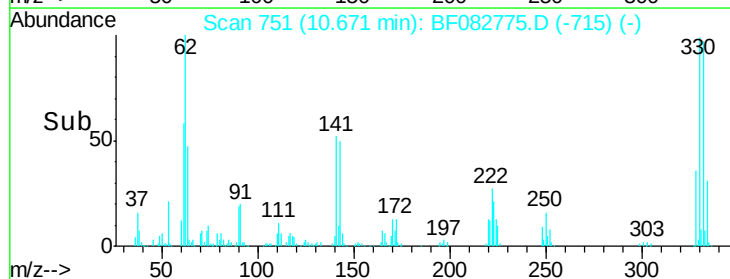
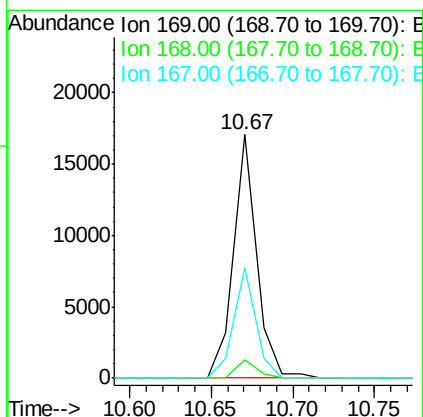
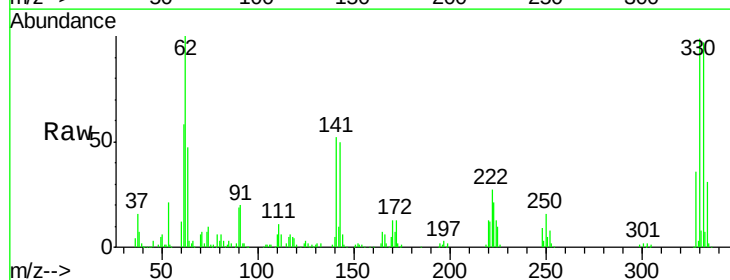
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

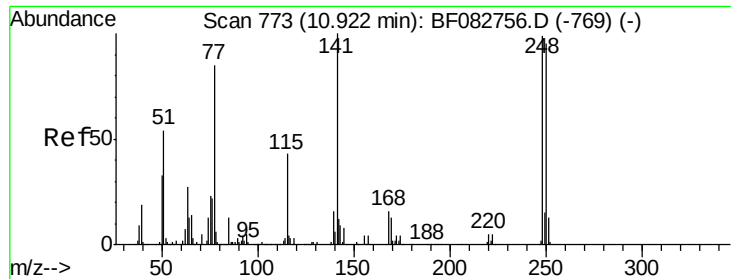
Tgt Ion:198 Resp: 782
 Ion Ratio Lower Upper
 198 100
 51 230.3 17.3 57.3#
 105 195.3 21.7 61.7#



#65
 n-Nitrosodiphenylamine
 Concen: 0.60 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.11 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion:169 Resp: 16752
 Ion Ratio Lower Upper
 169 100
 168 7.5 55.0 82.6#
 167 45.2 30.5 45.7

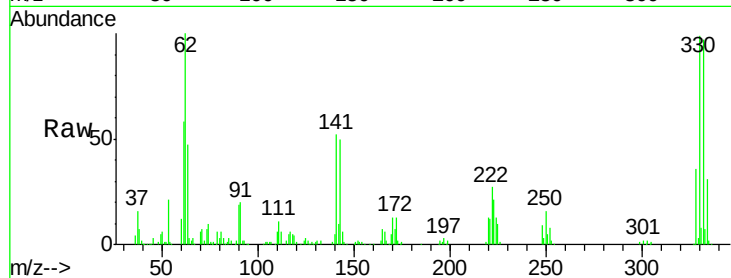




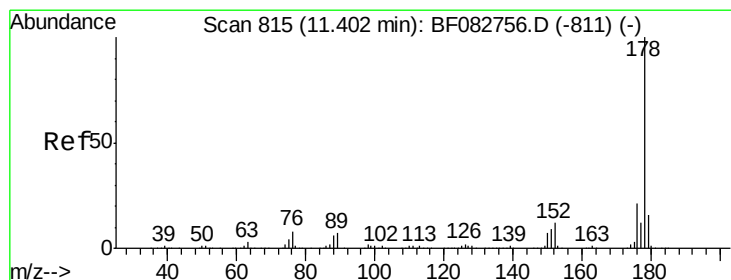
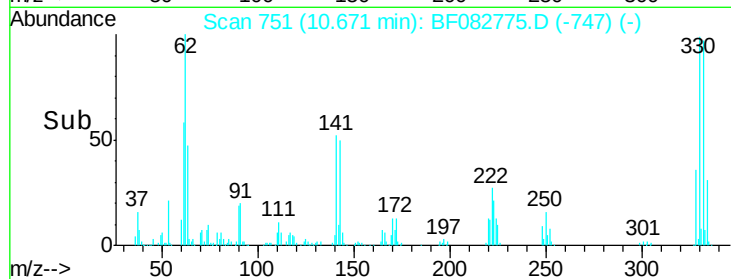
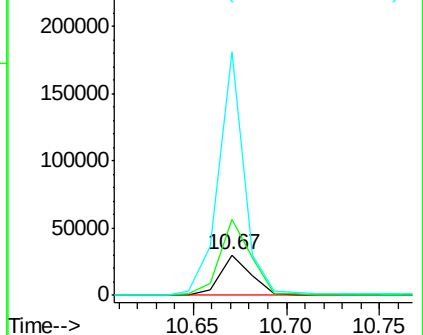
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB86421BL

Tgt Ion:248 Resp: 34758
Ion Ratio Lower Upper
248 100
250 189.6 79.4 119.2#
141 605.9 36.3 54.5#

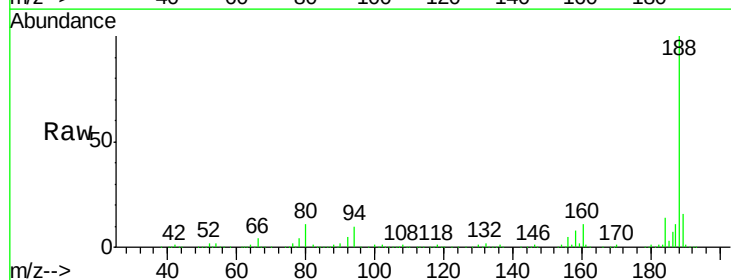


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

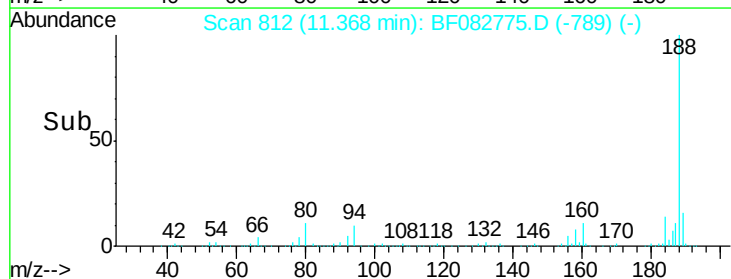
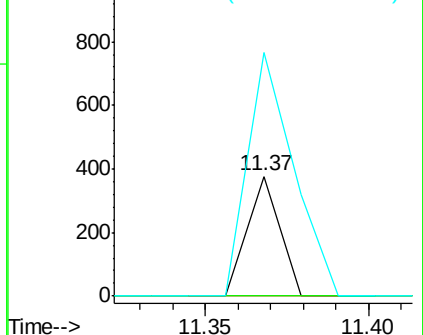


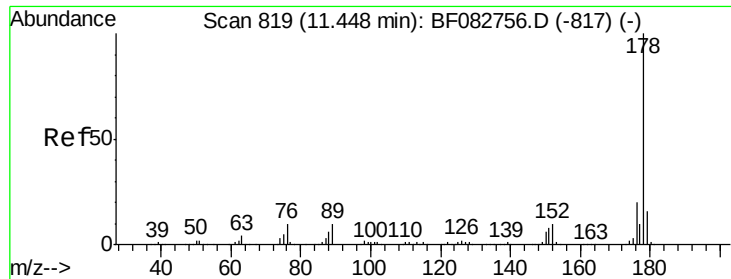
#70
Phenanthrene
Concen: 0.01 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion:178 Resp: 258
Ion Ratio Lower Upper
178 100
176 0.0 17.0 25.4#
179 203.7 13.4 20.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.01 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.08 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

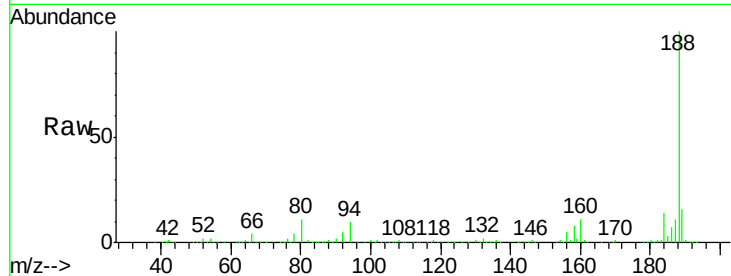
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

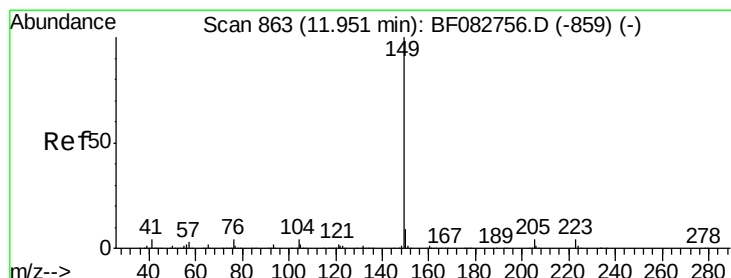
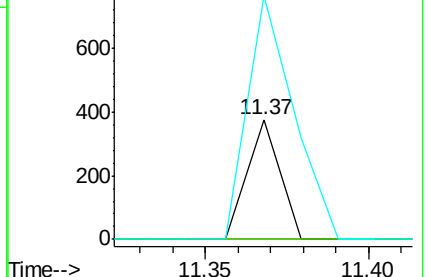
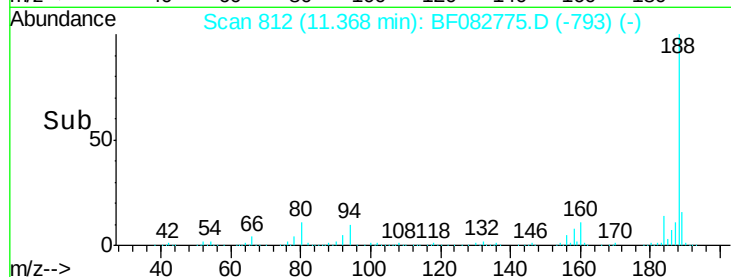
179 203.7 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

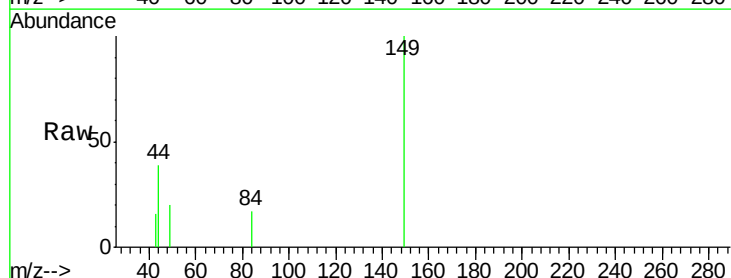
Tgt Ion:149 Resp: 1765

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

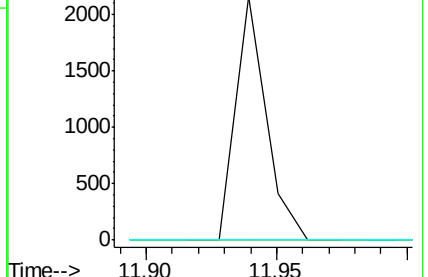
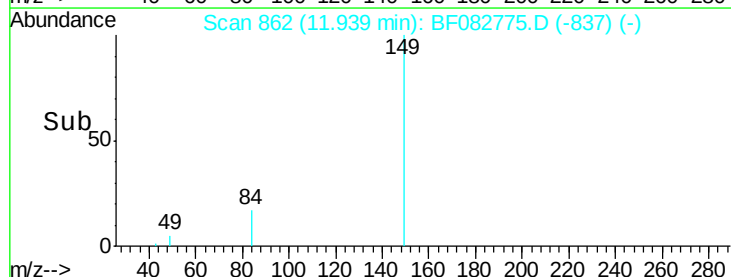
104 0.0 5.2 7.8#

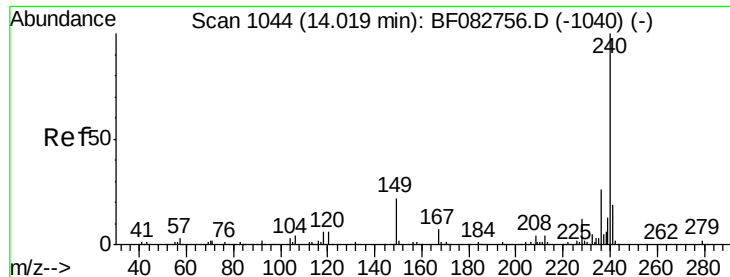


Abundance Ion 149.00 (148.70 to 149.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

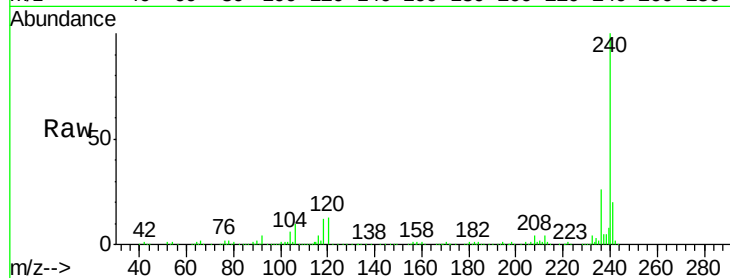
Tgt Ion:240 Resp: 735846

Ion Ratio Lower Upper

240 100

120 12.9 10.9 16.3

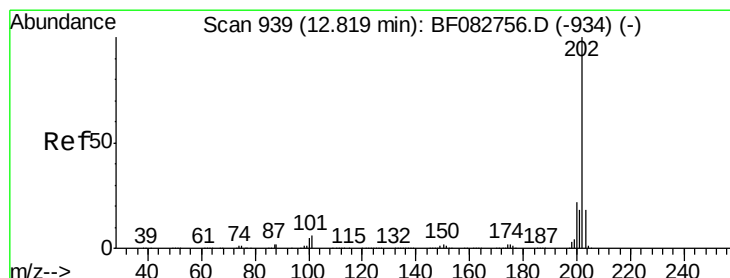
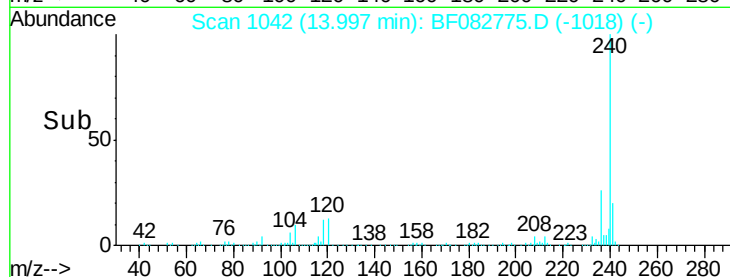
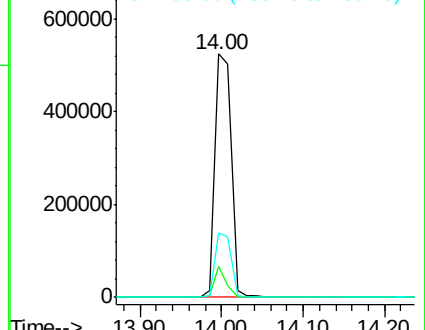
236 26.3 21.6 32.4



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: 0.14 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.15 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

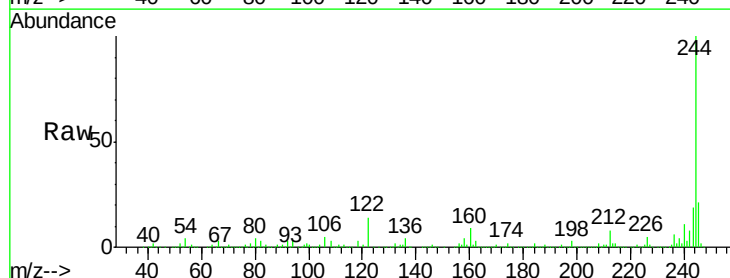
Tgt Ion:202 Resp: 6933

Ion Ratio Lower Upper

202 100

200 48.5 18.7 28.1#

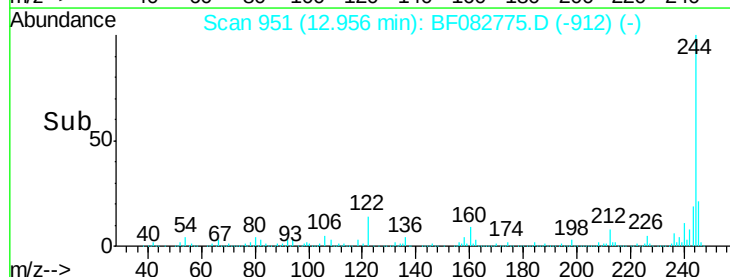
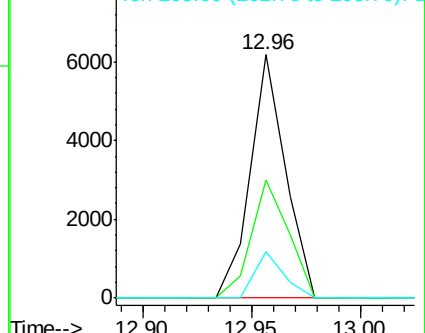
203 18.9 14.8 22.2

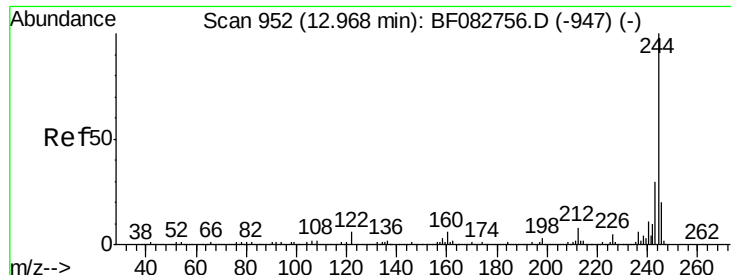


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

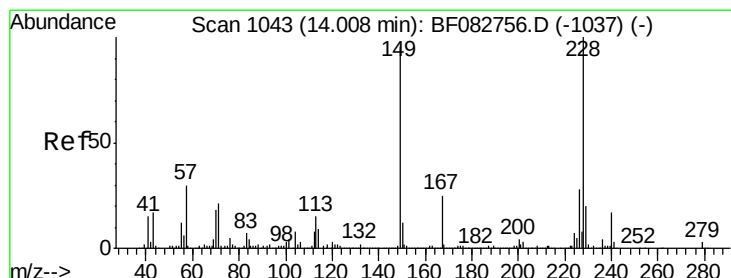
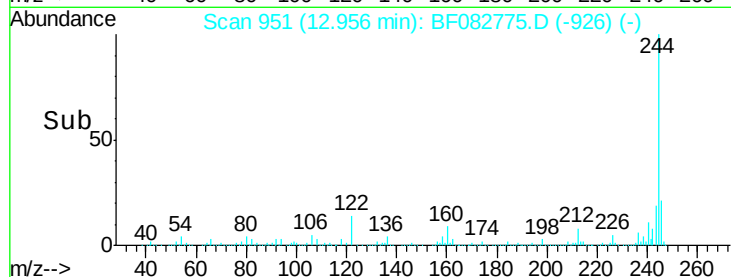
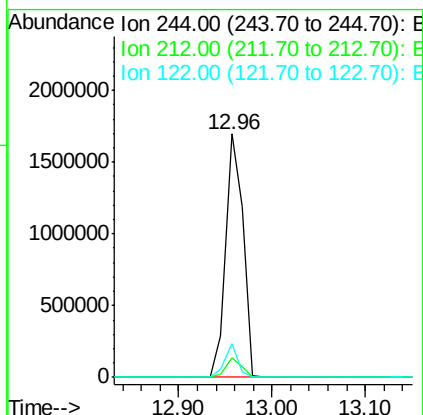
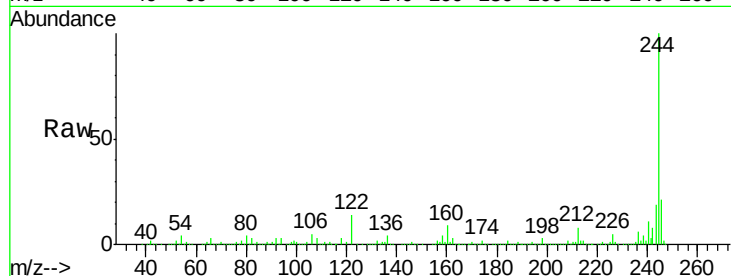




#78
 Terphenyl-d14
 Concen: 70.84 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

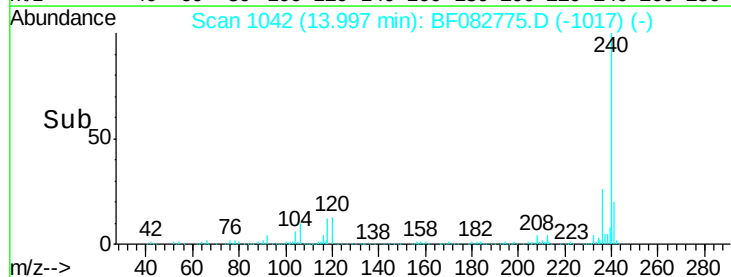
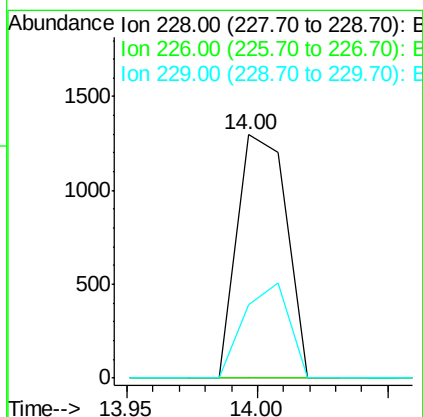
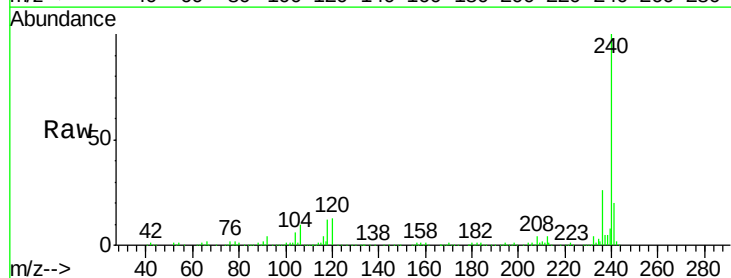
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

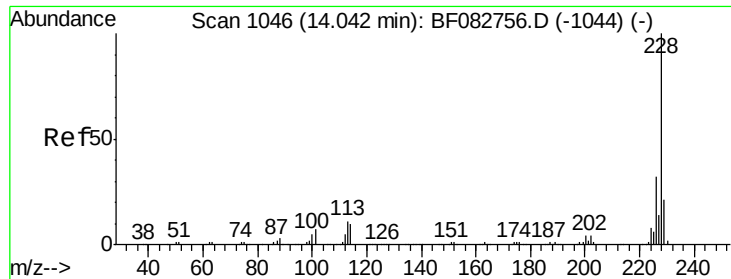
Tgt Ion:244 Resp: 2197676
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 13.7 11.3 16.9



#80
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082775.D
 Acq: 6 Nov 2015 21:55

Tgt Ion:228 Resp: 1713
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.4 35.2#
 229 29.9 16.3 24.5#





#82

Chrysene

Concen: 0.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB86421BL

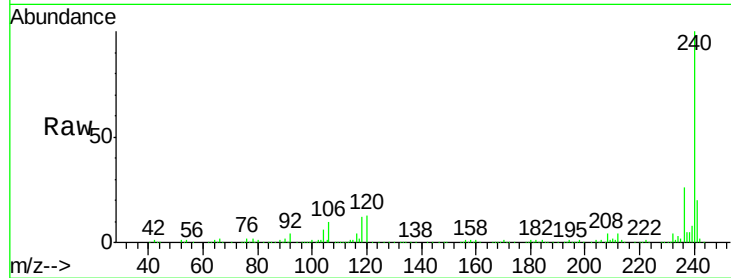
Tgt Ion:228 Resp: 1713

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

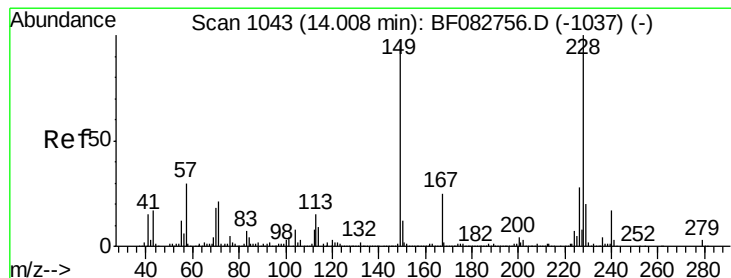
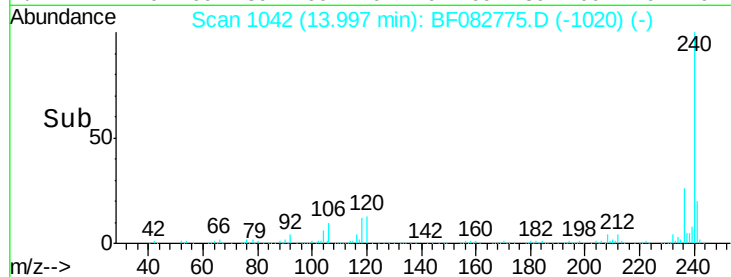
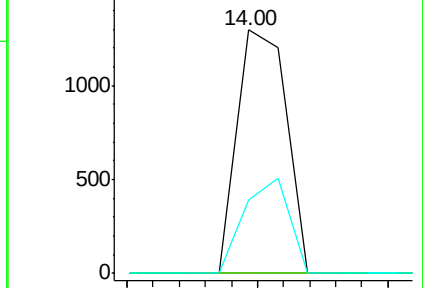
229 29.9 16.3 24.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.01 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082775.D

Acq: 6 Nov 2015 21:55

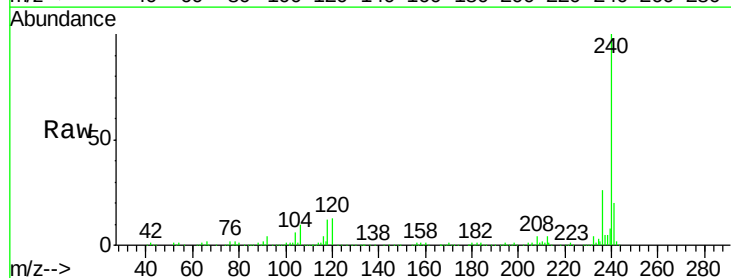
Tgt Ion:149 Resp: 263

Ion Ratio Lower Upper

149 100

167 82.0 21.2 31.8#

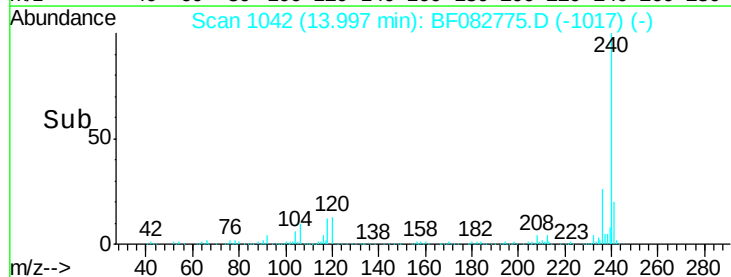
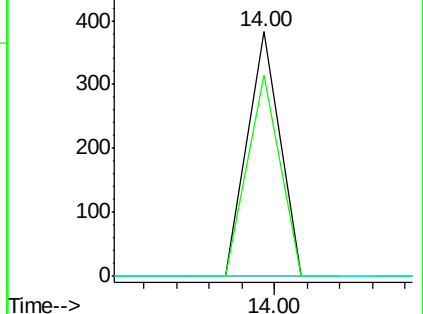
279 0.0 2.2 3.2#

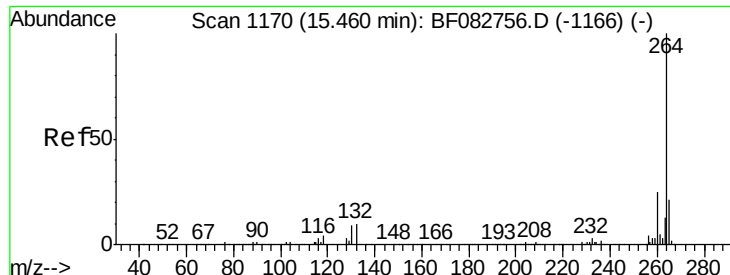


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

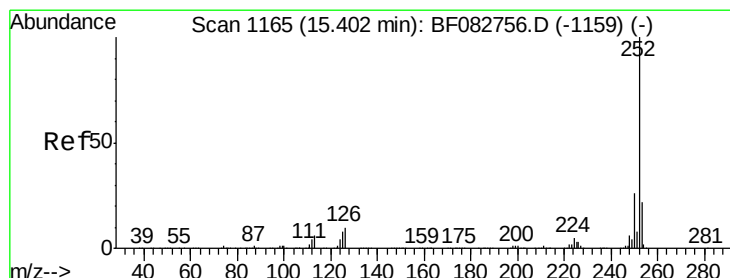
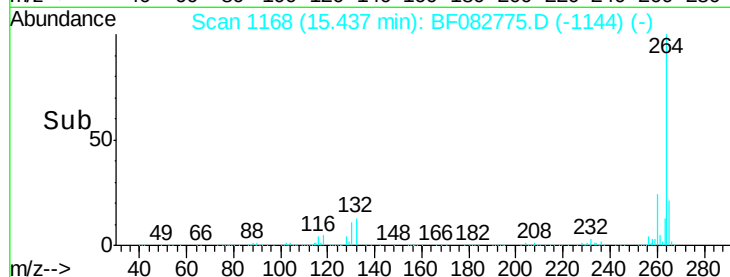
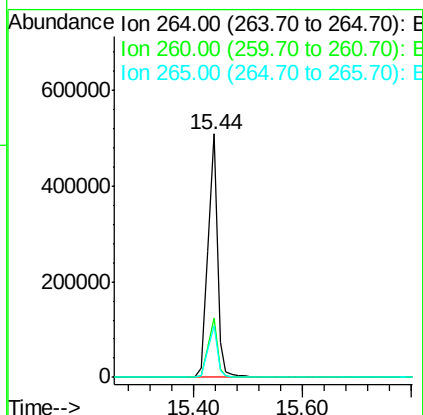
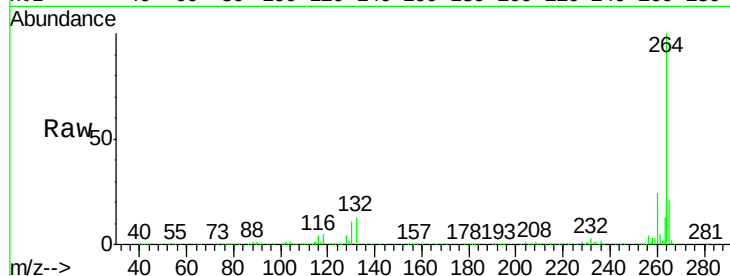




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB86421BL

Tgt Ion: 264 Resp: 616326
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 21.0 17.4 26.0



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.03 min
Lab File: BF082775.D
Acq: 6 Nov 2015 21:55

Tgt Ion: 252 Resp: 1670
Ion Ratio Lower Upper
252 100
253 41.8 17.3 25.9#
125 18.7 7.1 10.7#

