

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082773.D
 Acq On : 6 Nov 2015 20:56
 Operator : UM/IZ
 Sample : PB86432BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Quant Time: Nov 07 03:09:09 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	230750	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	865767	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	445429	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	923373	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	976784	20.00	ng	-0.01
86) Perylene-d12	15.44	264	669020	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1438422	96.99	ng	0.01
7) Phenol-d6	6.48	99	1984667	100.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1556497	78.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	525952	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2172605	69.91	ng	0.00
78) Terphenyl-d14	12.96	244	2203050	53.49	ng	-0.01

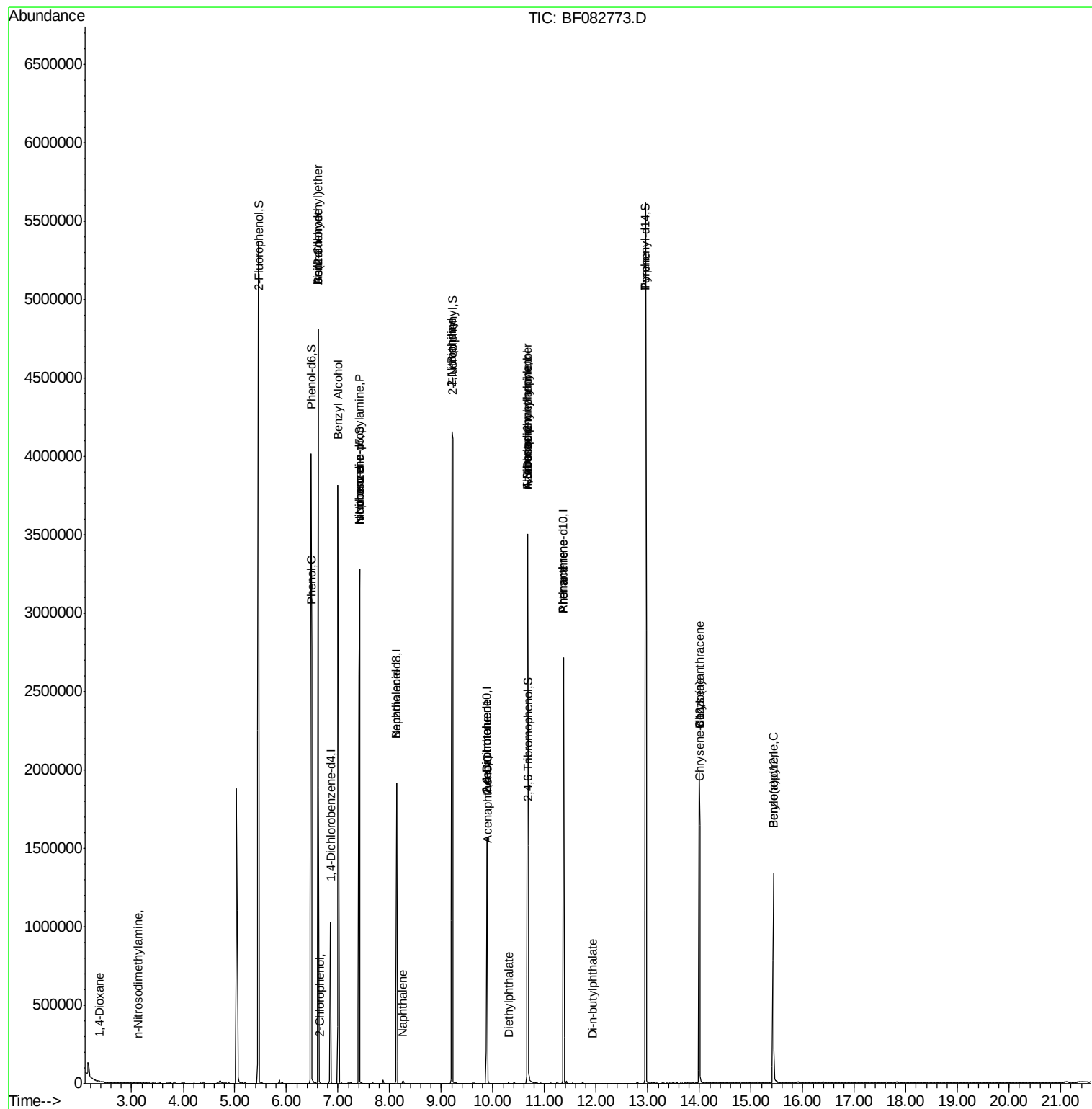
Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	480	0.08	ng	# 20
4) n-Nitrosodimethylamine	3.13	42	212	0.02	ng	# 1
6) Aniline	6.61	93	2425	0.09	ng	# 1
8) 2-Chlorophenol	6.64	128	789	0.05	ng	# 31
9) Benzaldehyde	6.61	77	37494	3.44	ng	85
10) Phenol	6.49	94	459	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	2425	0.14	ng	# 1
15) Benzyl Alcohol	7.00	79	20470	1.18	ng	# 60
19) n-Nitroso-di-n-propylamine	7.41	70	210804	14.55	ng	# 63
24) Nitrobenzene	7.41	77	3920	0.19	ng	# 35
25) Isophorone	7.41	82	1442688	39.19	ng	# 70
31) Naphthalene	8.26	128	1261	0.03	ng	# 1
32) Benzoic acid	8.13	122	279	0.03	ng	# 1
45) 1,1'-Biphenyl	9.21	154	3965	0.10	ng	# 1
47) 2-Nitroaniline	9.21	65	3893	0.35	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	56175	7.21	ng	# 17
51) Acenaphthene	9.89	154	1748	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	56177	5.32	ng	# 15
57) Fluorene	10.67	166	19368	0.60	ng	# 86
59) Diethylphthalate	10.30	149	3565	0.10	ng	# 89
62) Azobenzene	10.67	77	2898	0.08	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.67	198	1086	0.17	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	14972	0.45	ng	# 47
66) 4-Bromophenyl-phenylether	10.67	248	32556	2.93	ng	# 1
70) Phenanthrene	11.37	178	250	0.00	ng	# 1
71) Anthracene	11.37	178	250	0.00	ng	# 1
73) Di-n-butylphthalate	11.94	149	1325	0.02	ng	# 76
77) Pyrene	12.96	202	7061	0.11	ng	# 66
80) Benzo(a)anthracene	14.00	228	2102	0.03	ng	# 60
82) Chrysene	14.00	228	2102	0.04	ng	# 58
89) Benzo(a)pyrene	15.44	252	2150	0.06	ng	# 70

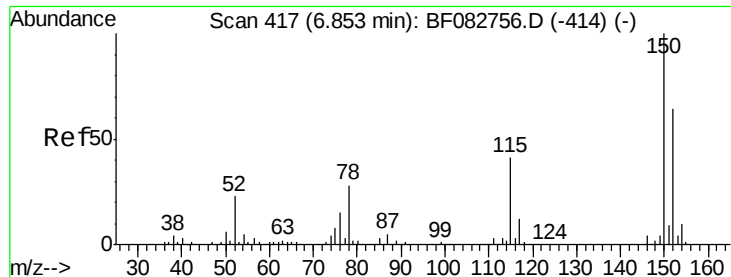
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
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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: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

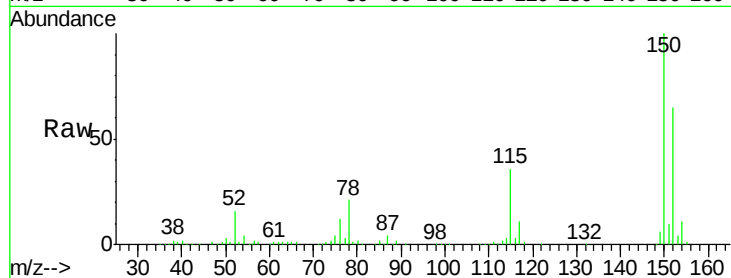
Tgt Ion:152 Resp: 230750

Ion Ratio Lower Upper

152 100

150 153.7 127.0 190.4

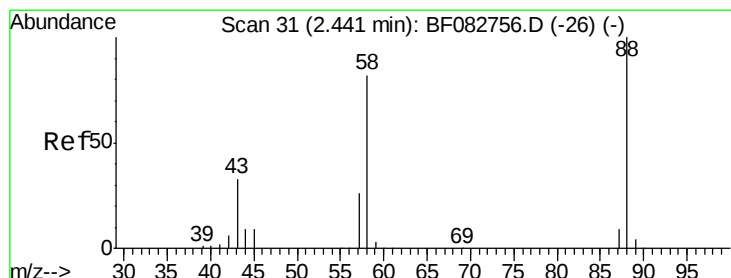
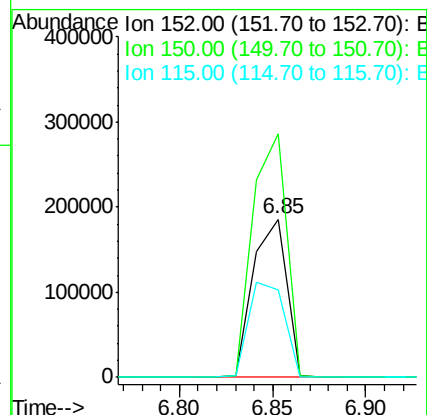
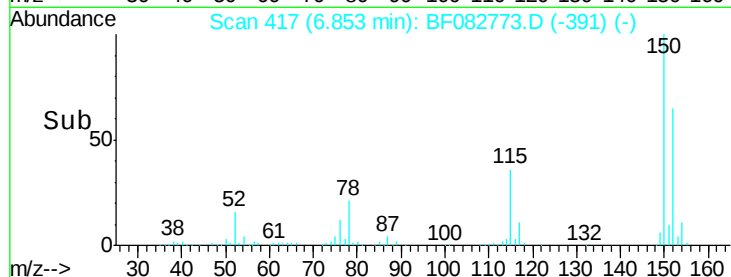
115 54.9 47.0 70.6



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: 2.38 min Scan# 26

Delta R.T. -0.06 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

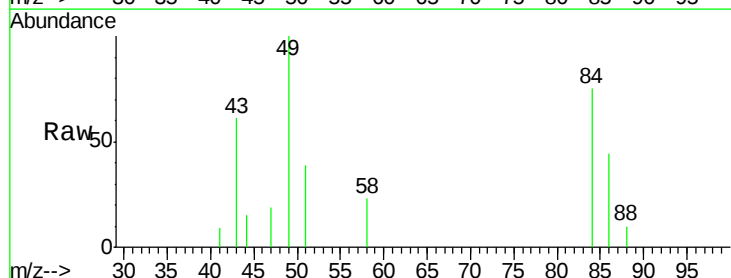
Tgt Ion: 88 Resp: 480

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

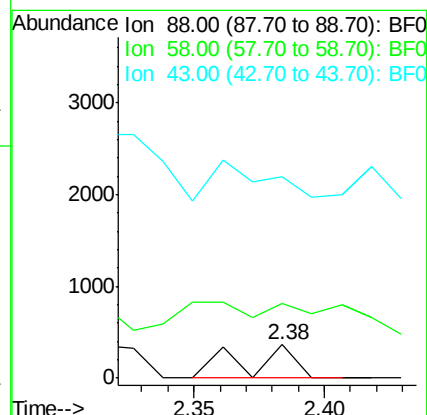
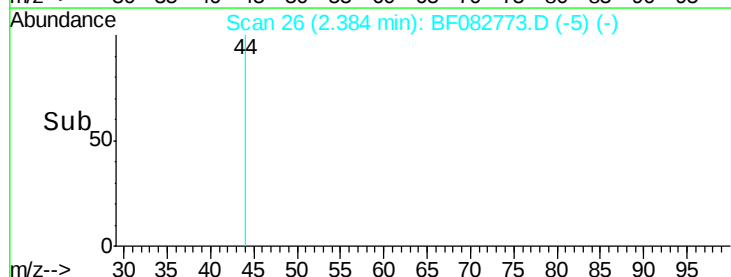
43 0.0 26.6 40.0#

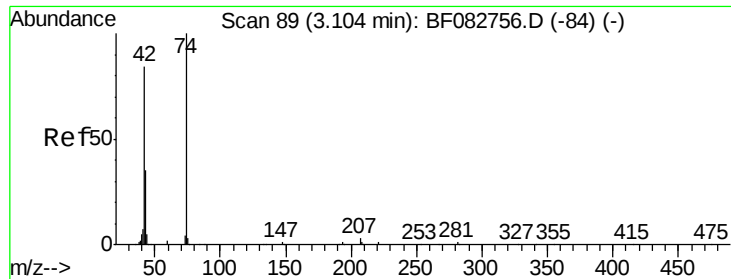


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.03 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampled :

PB86432BL

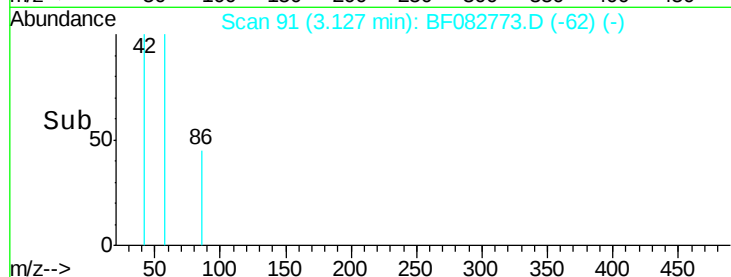
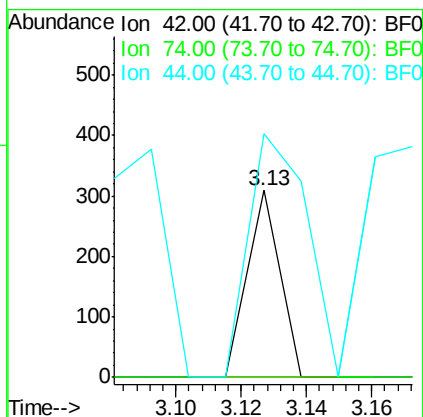
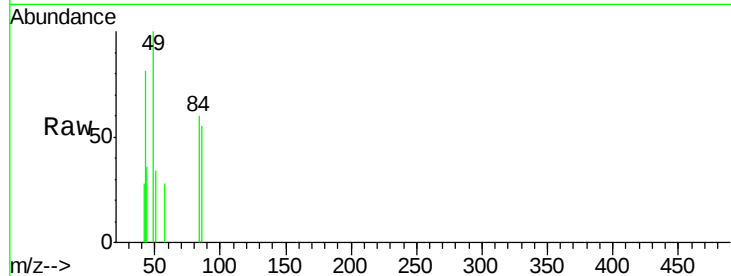
Tgt Ion: 42 Resp: 212

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 130.4 5.8 8.8#



#5

2-Fluorophenol

Concen: 96.99 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

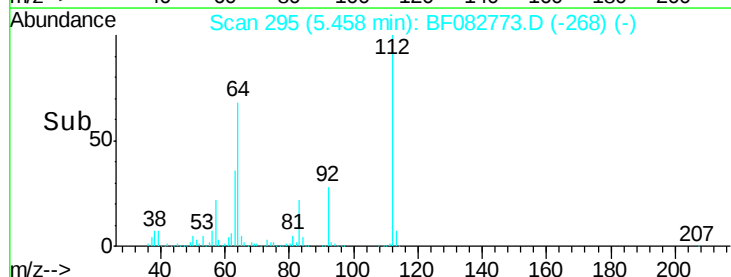
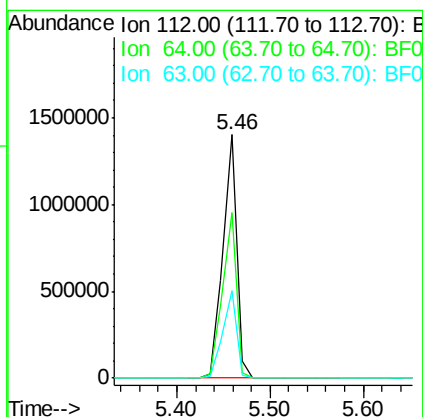
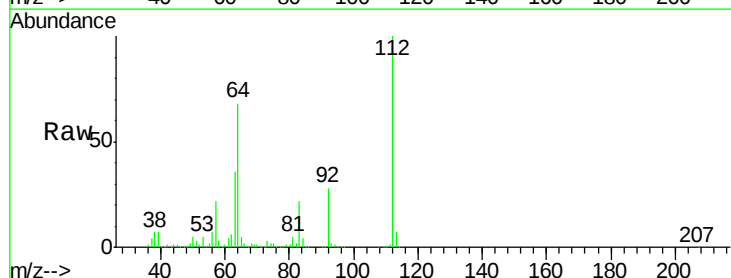
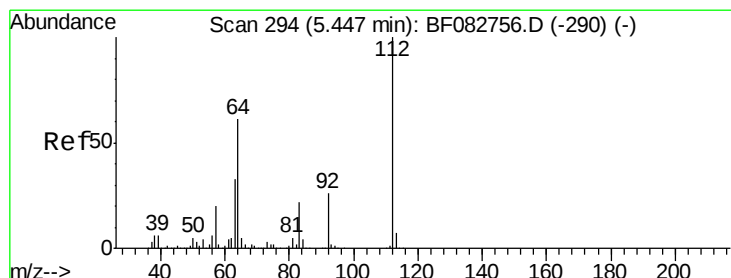
Tgt Ion: 112 Resp: 1438422

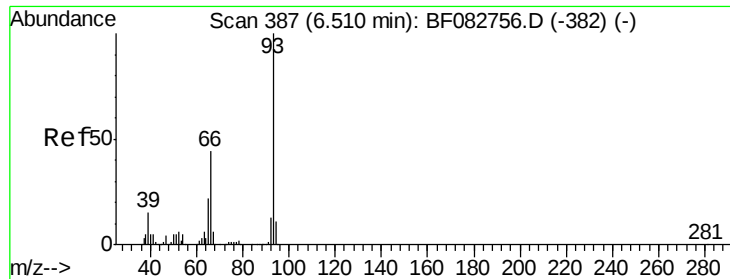
Ion Ratio Lower Upper

112 100

64 67.9 48.9 73.3

63 35.9 28.1 42.1





#6

Aniline

Concen: 0.09 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.10 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

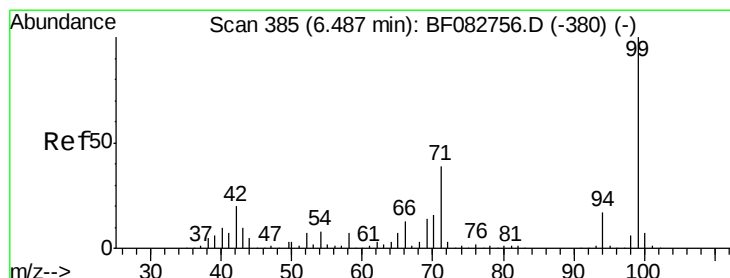
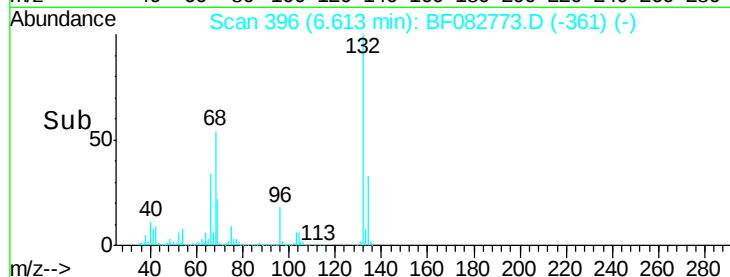
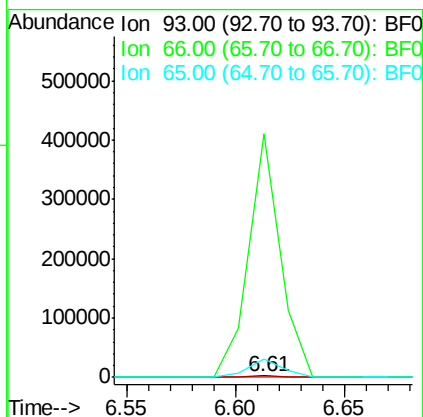
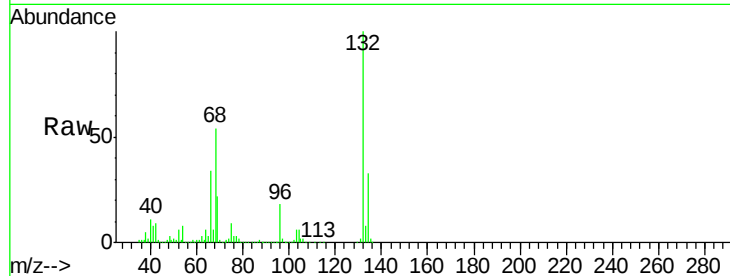
Tgt Ion: 93 Resp: 2425

Ion Ratio Lower Upper

93 100

66 20172.3 33.6 50.4#

65 1519.0 18.1 27.1#



#7

Phenol-d6

Concen: 100.66 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

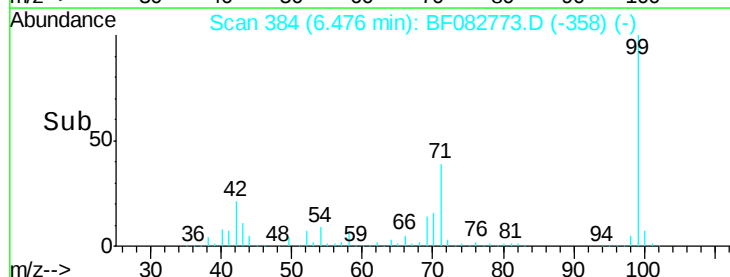
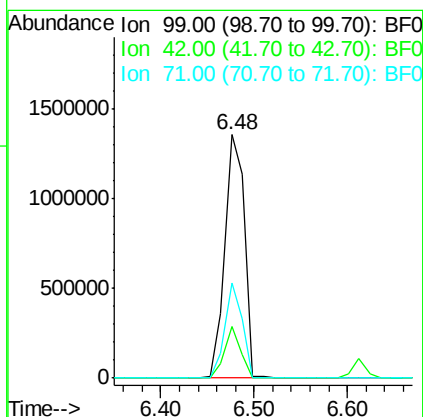
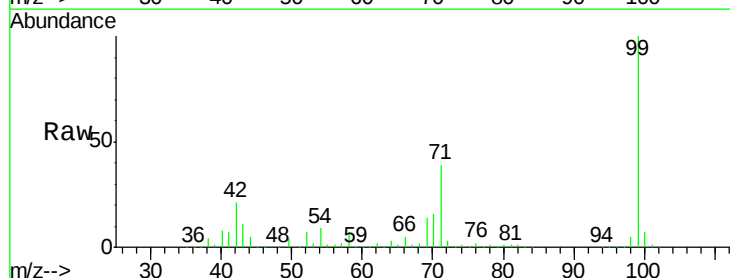
Tgt Ion: 99 Resp: 1984667

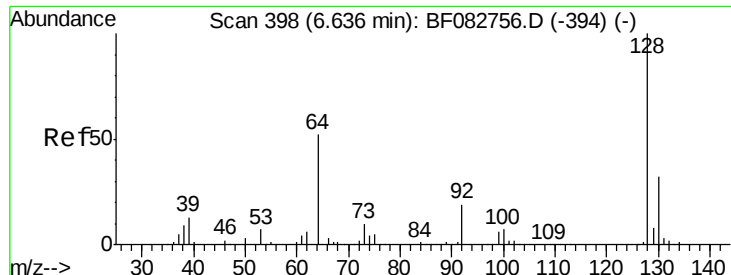
Ion Ratio Lower Upper

99 100

42 21.0 19.2 28.8

71 38.8 35.0 52.4

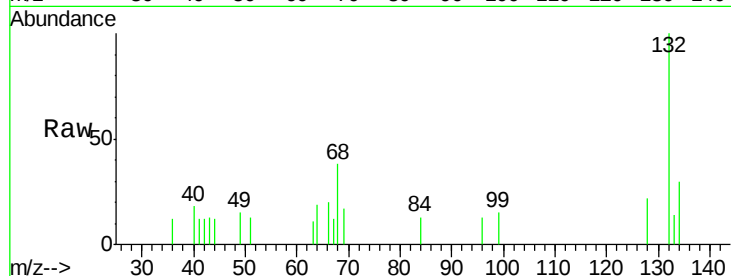




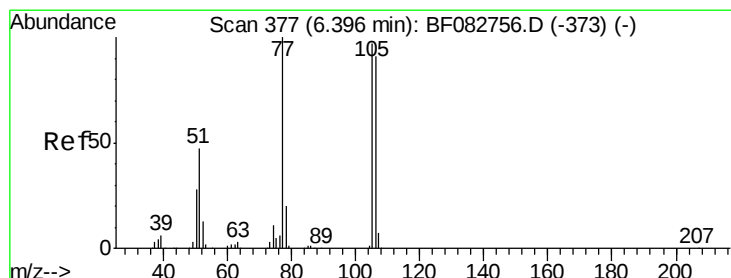
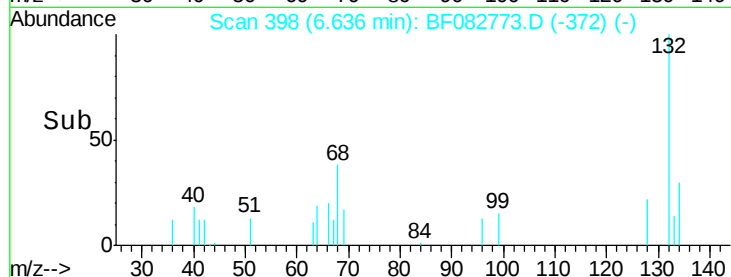
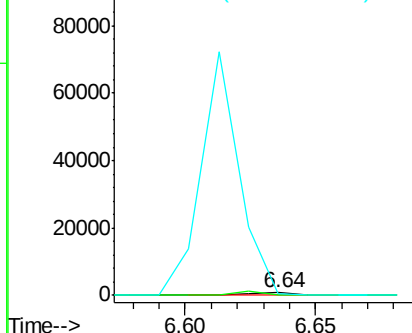
#8
2-Chlorophenol
Concen: 0.05 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Instrument :
BNA_F
ClientSampled :
PB86432BL

Tgt Ion: 128 Resp: 789
Ion Ratio Lower Upper
128 100
130 0.0 13.5 53.5#
64 88.9 21.1 61.1#

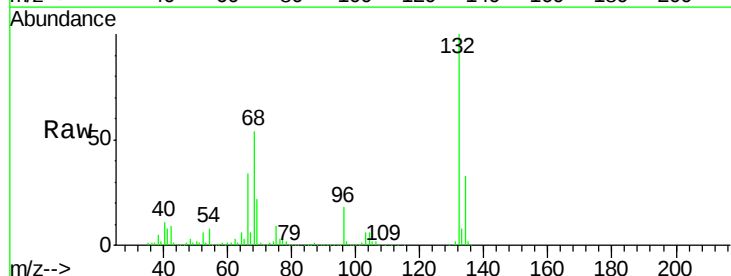


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

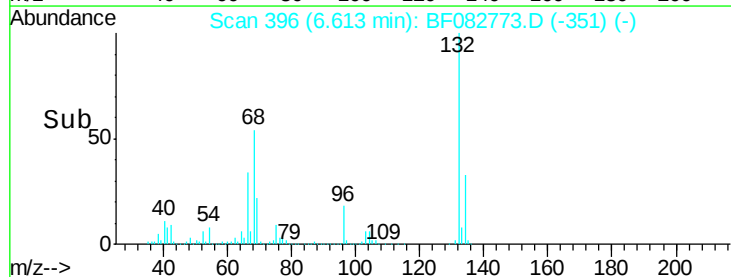
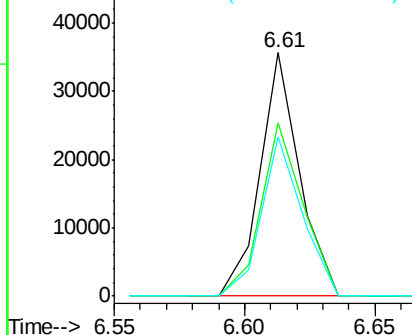


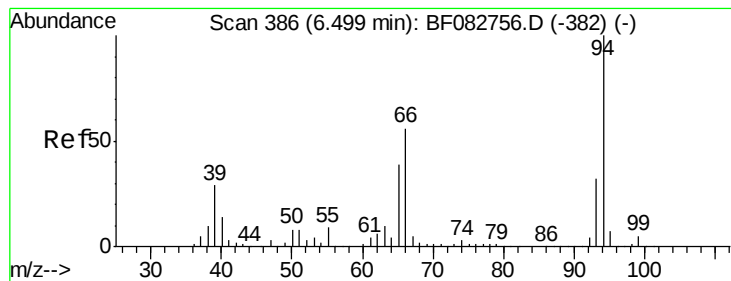
#9
Benzaldehyde
Concen: 3.44 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.22 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion: 77 Resp: 37494
Ion Ratio Lower Upper
77 100
105 71.0 63.5 103.5
106 65.3 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: 0.02 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

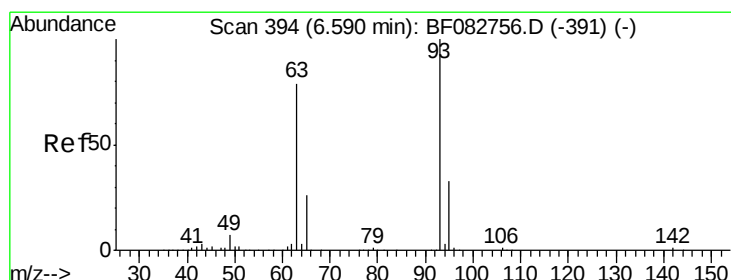
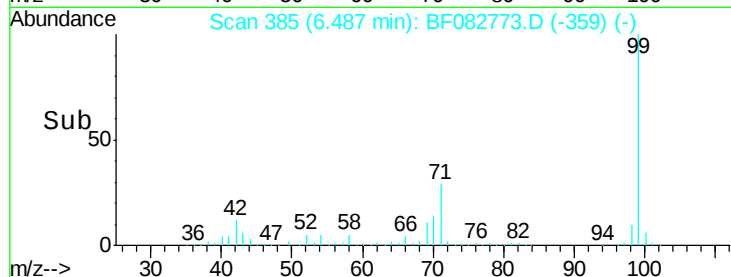
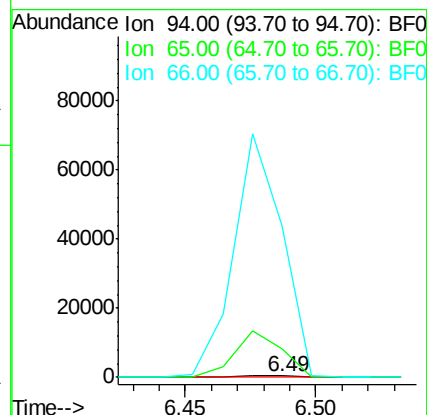
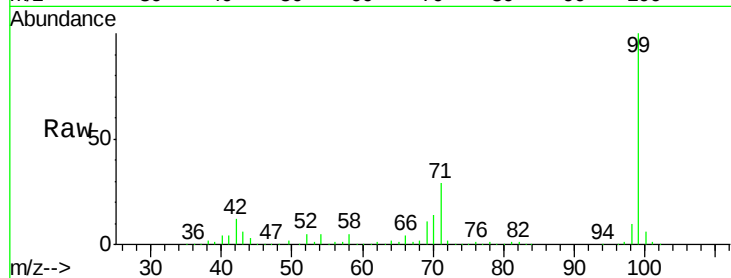
Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

65 2266.7 18.9 58.9#

66 12184.4 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: BF082773.D

Acq: 6 Nov 2015 20:56

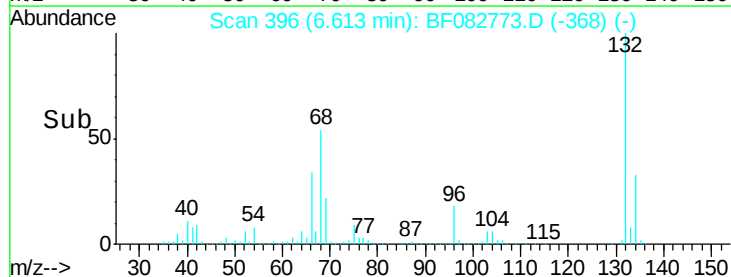
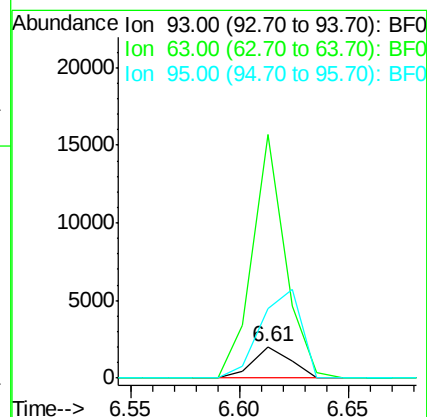
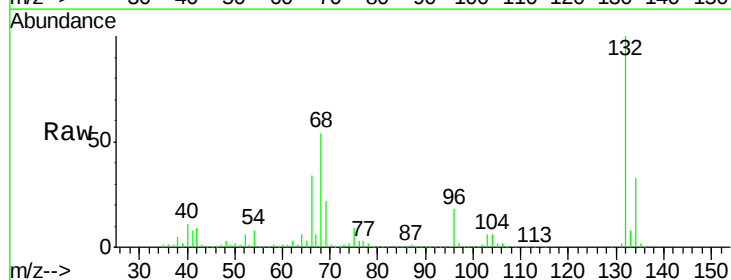
Tgt Ion: 93 Resp: 2425

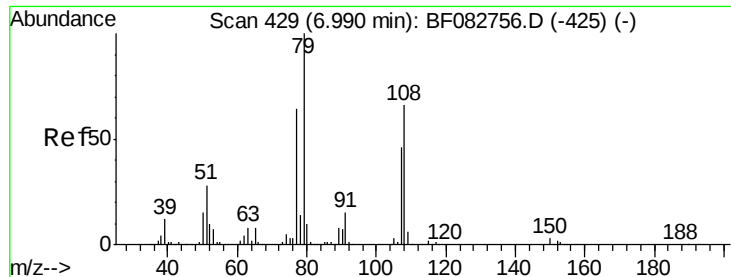
Ion Ratio Lower Upper

93 100

63 771.0 72.7 112.7#

95 219.8 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.18 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

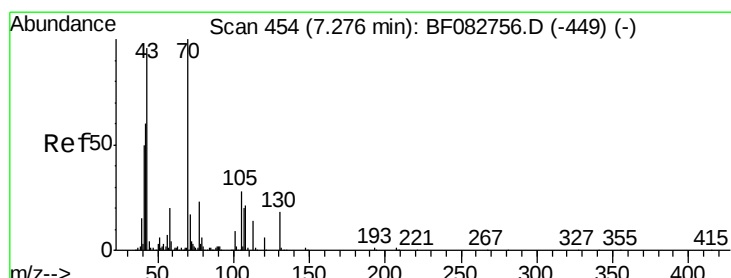
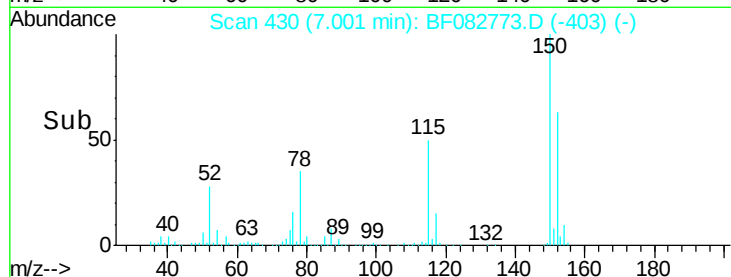
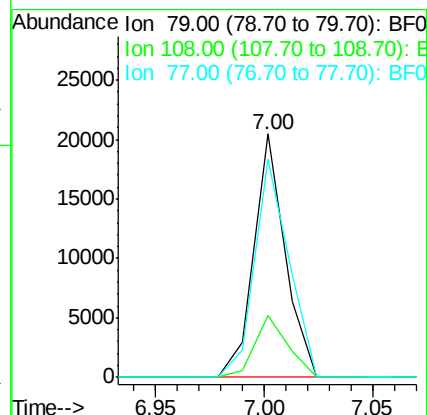
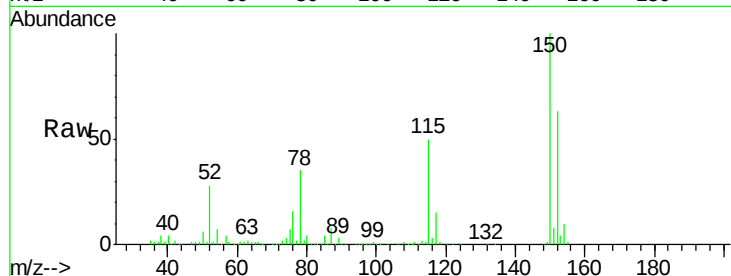
Tgt Ion: 79 Resp: 20470

Ion Ratio Lower Upper

79 100

108 25.1 52.2 78.4#

77 89.6 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.55 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Tgt Ion: 70 Resp: 210804

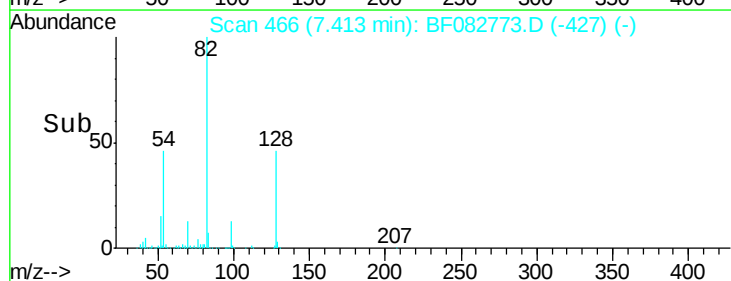
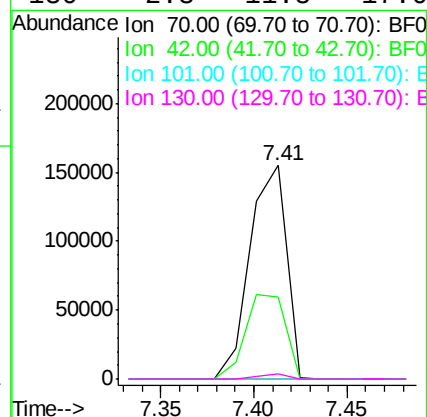
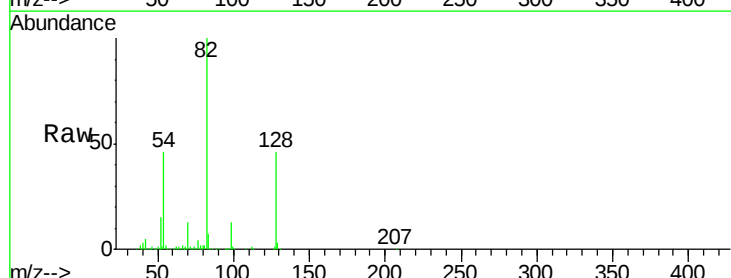
Ion Ratio Lower Upper

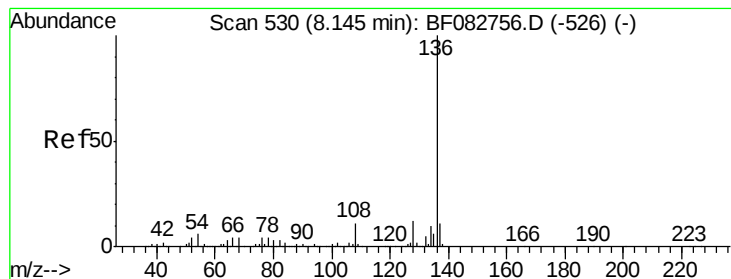
70 100

42 38.5 57.7 86.5#

101 0.0 7.0 10.6#

130 2.3 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: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

Tgt Ion:136 Resp: 865767

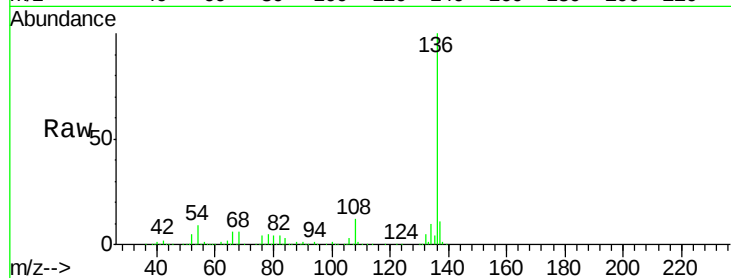
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 9.1 13.7#

68 6.2 4.8 7.2

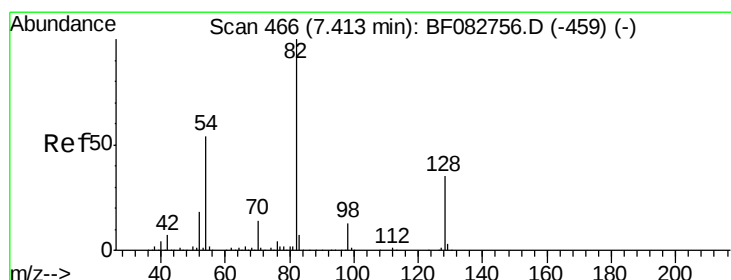
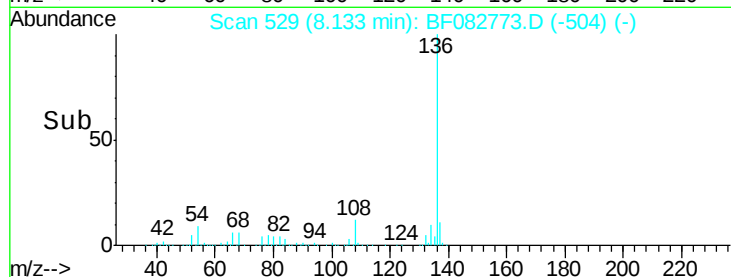
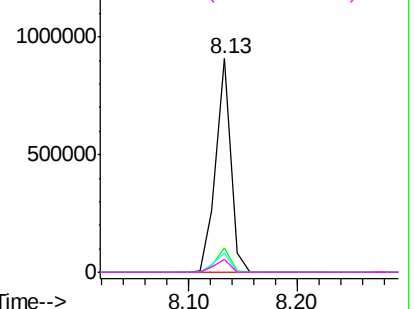


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.23 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

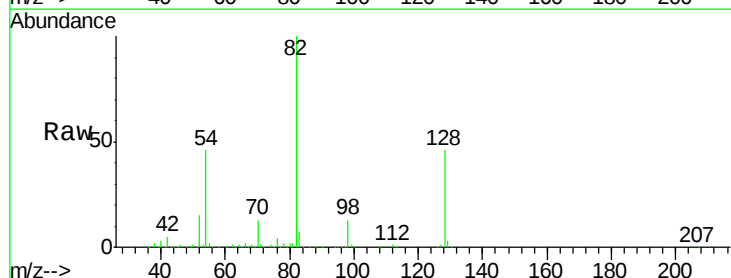
Tgt Ion: 82 Resp: 1556497

Ion Ratio Lower Upper

82 100

128 45.6 26.8 40.2#

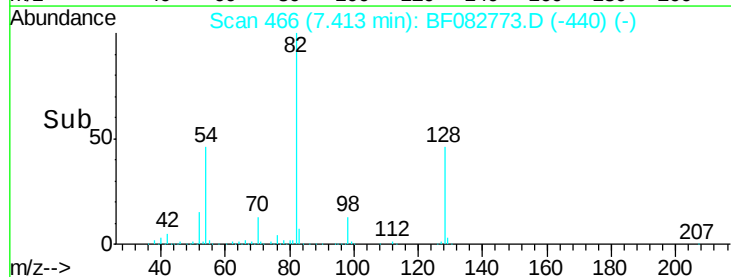
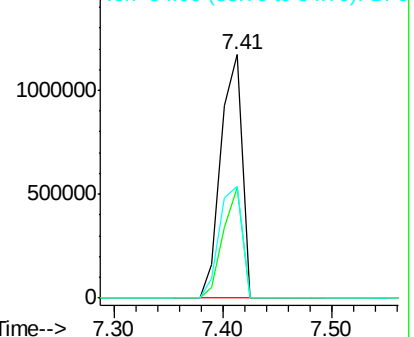
54 45.7 45.7 68.5

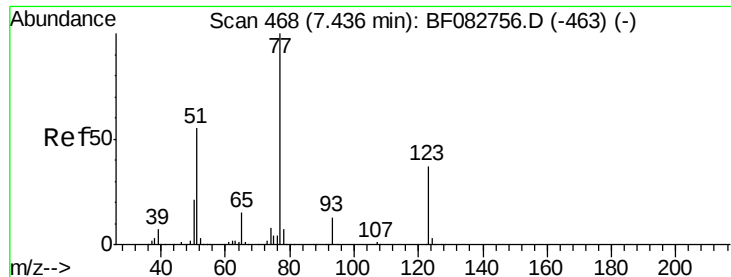


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

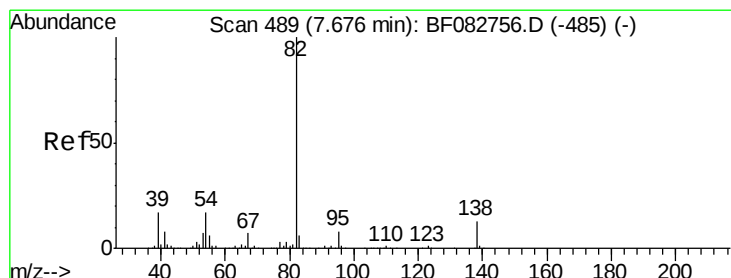
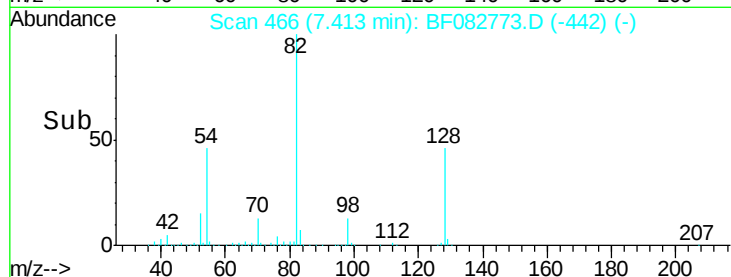
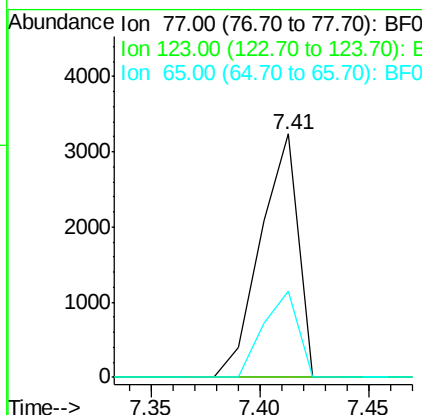
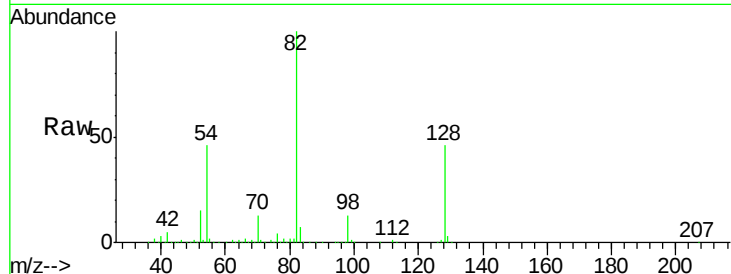




#24
 Nitrobenzene
 Concen: 0.19 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

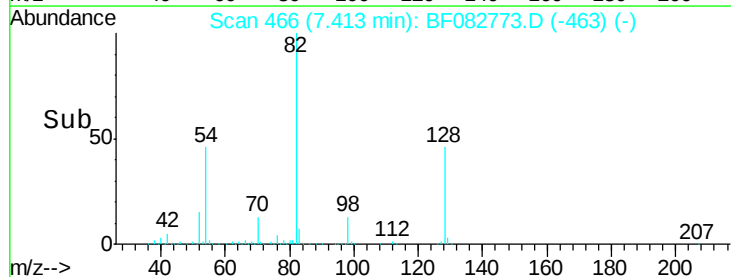
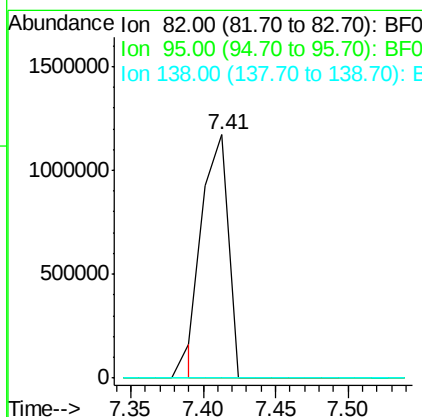
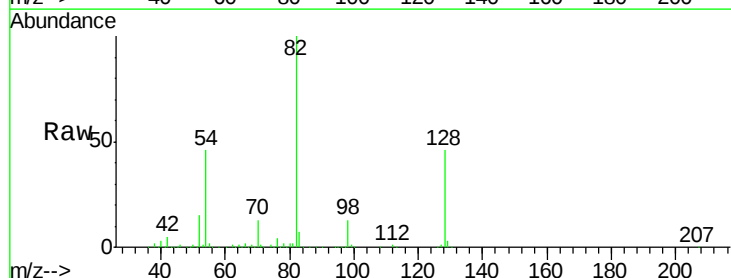
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

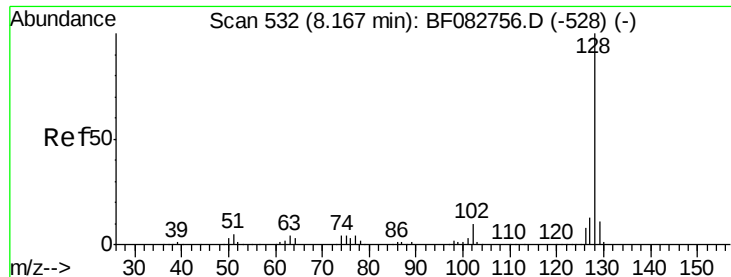
Tgt Ion: 77 Resp: 3920
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 35.5 11.5 17.3#



#25
 Isophorone
 Concen: 39.19 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion: 82 Resp: 1442688
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

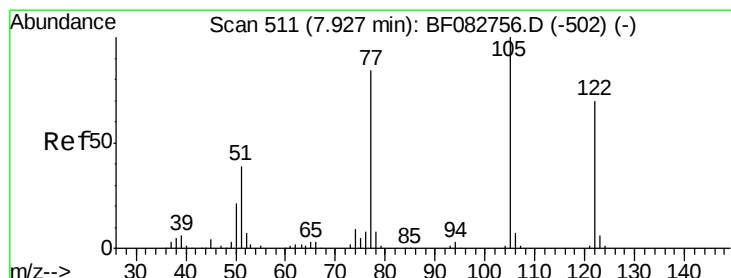
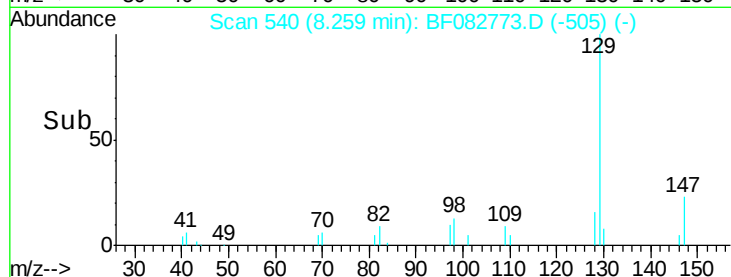
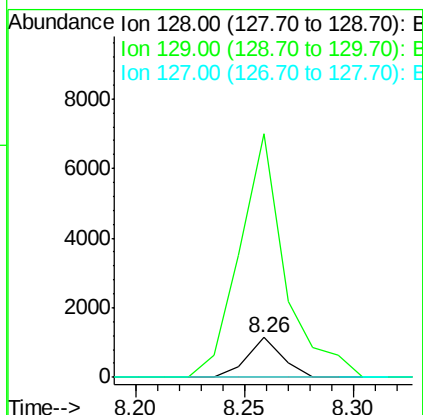
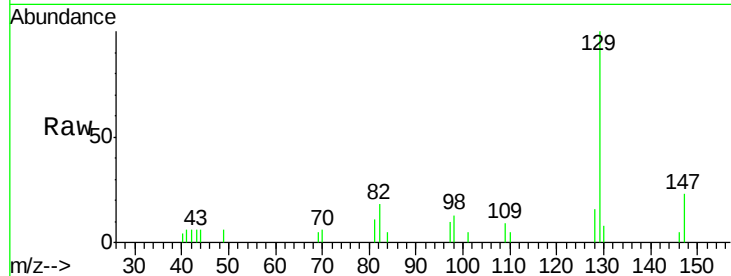




#31
Naphthalene
Concen: 0.03 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.10 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

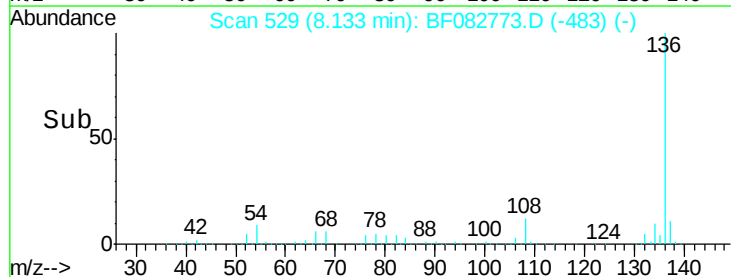
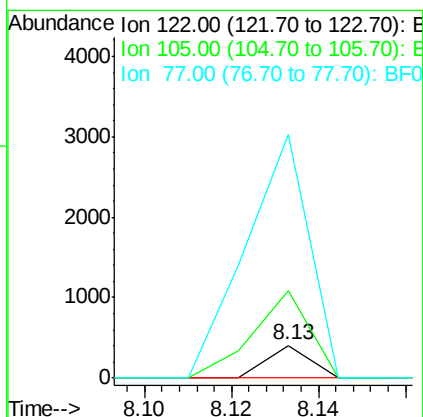
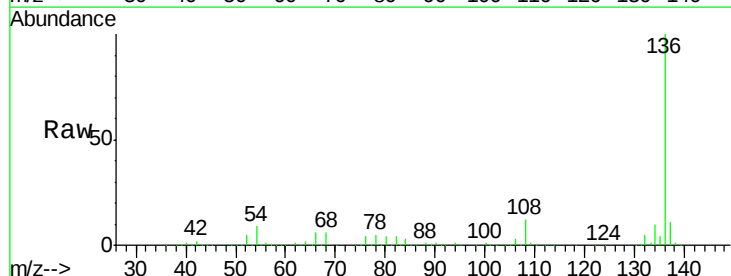
Instrument :
BNA_F
ClientSampleId :
PB86432BL

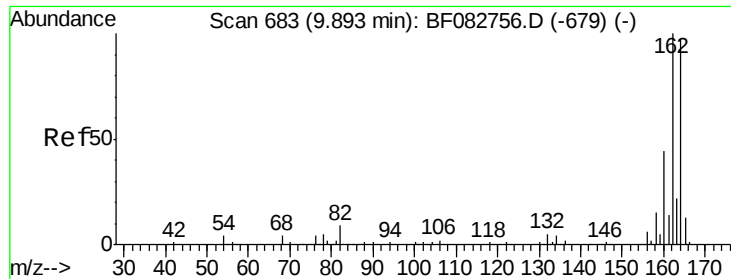
Tgt Ion:128 Resp: 1261
Ion Ratio Lower Upper
128 100
129 616.8 9.5 14.3#
127 0.0 11.4 17.0#



#32
Benzoic acid
Concen: 0.03 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.23 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion:122 Resp: 279
Ion Ratio Lower Upper
122 100
105 265.8 122.6 162.6#
77 743.7 100.9 140.9#

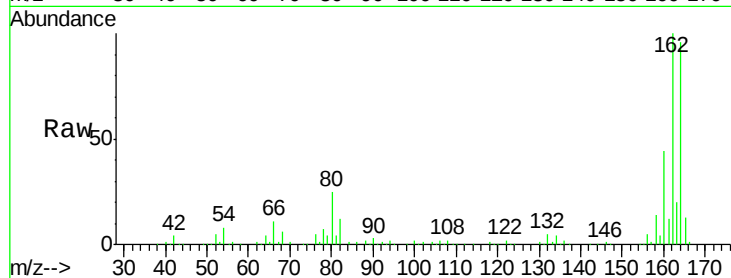




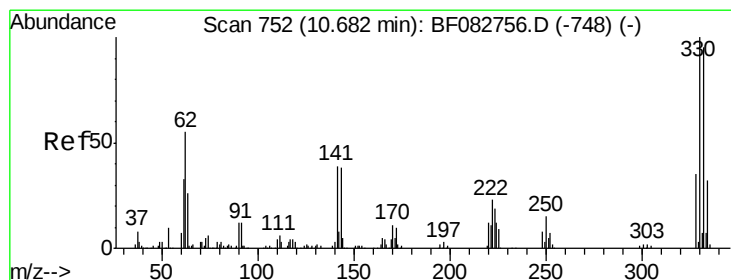
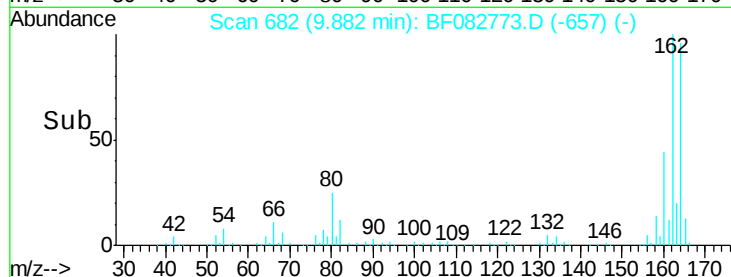
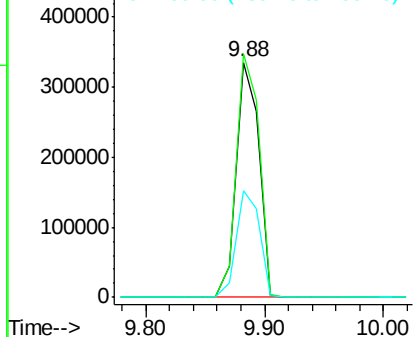
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tgt Ion:164 Resp: 445429
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.9 127.3
 160 45.3 37.5 56.3

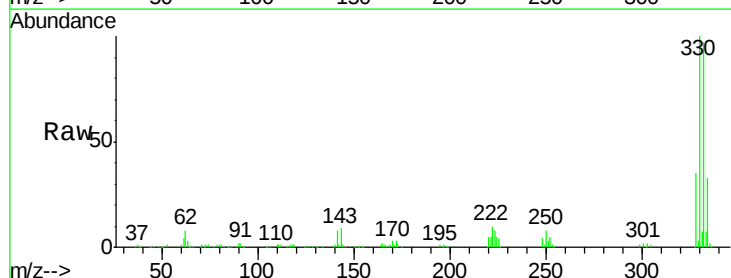


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

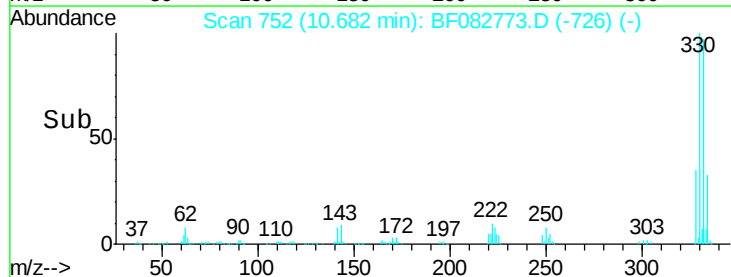
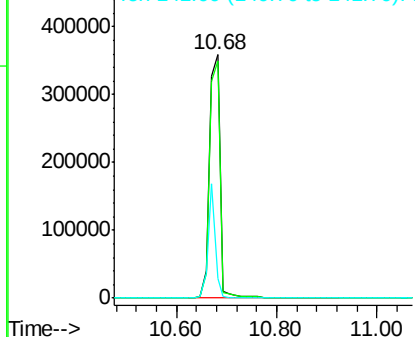


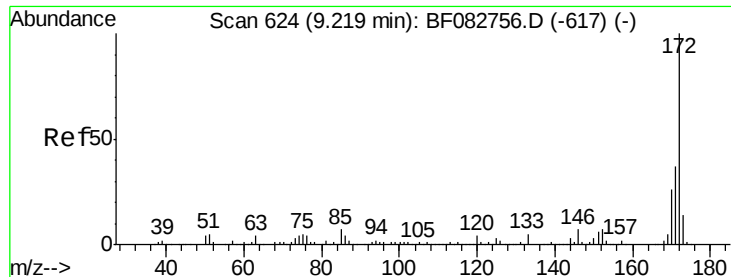
#41
 2,4,6-Tribromophenol
 Concen: 102.98 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:330 Resp: 525952
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.2 41.2 61.8#



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

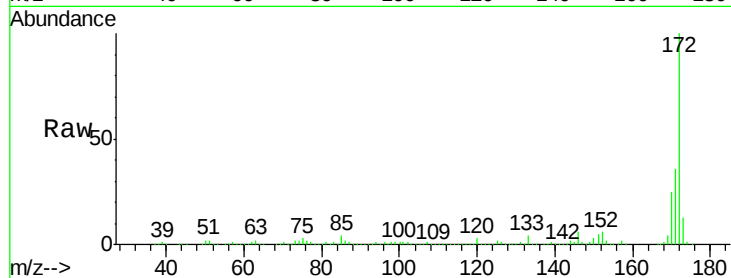




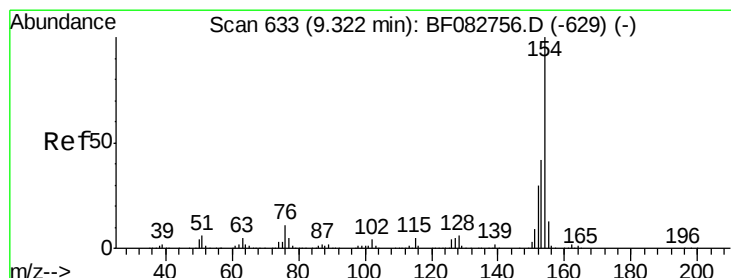
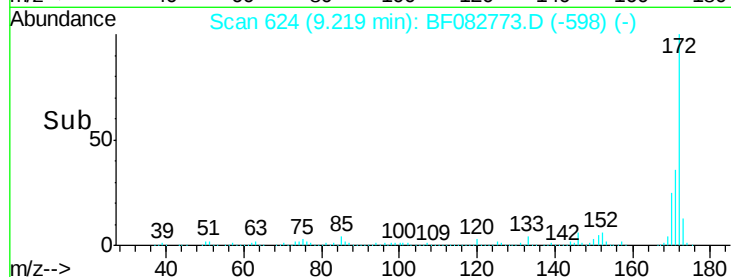
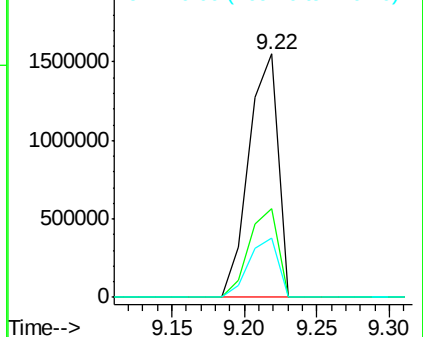
#44
 2-Fluorobiphenyl
 Concen: 69.91 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tgt Ion:172 Resp: 2172605
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 24.6 21.2 31.8

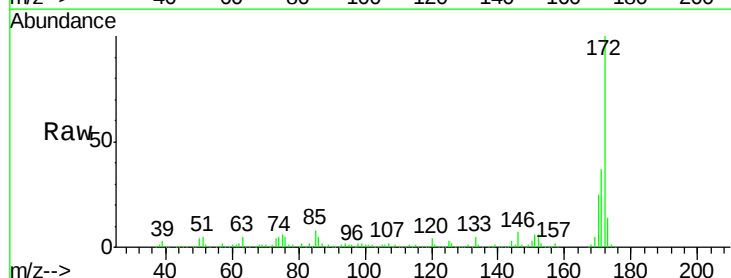


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

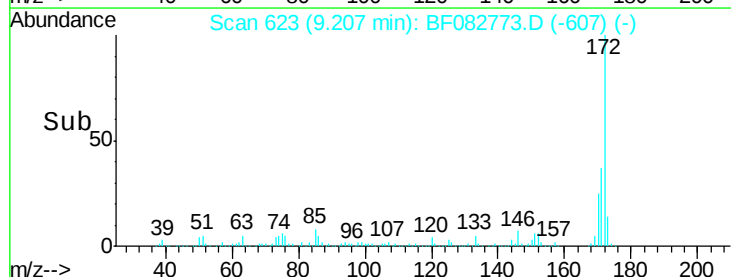
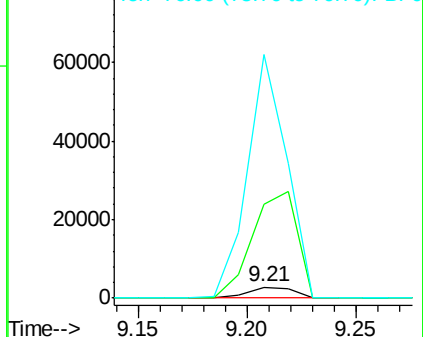


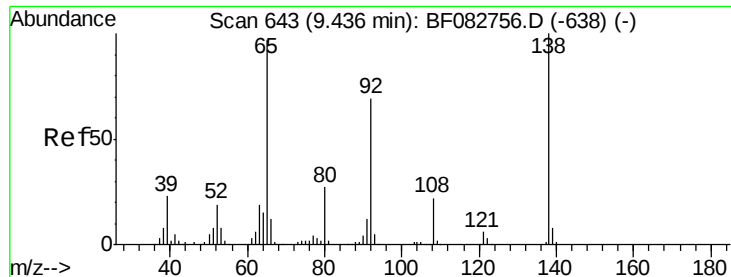
#45
 1,1'-Biphenyl
 Concen: 0.10 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.11 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:154 Resp: 3965
 Ion Ratio Lower Upper
 154 100
 153 878.6 22.0 62.0#
 76 2264.7 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: 0.35 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.22 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

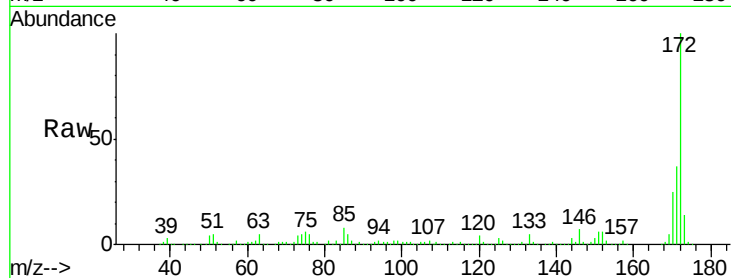
Tgt Ion: 65 Resp: 3893

Ion Ratio Lower Upper

65 100

92 171.1 46.6 70.0#

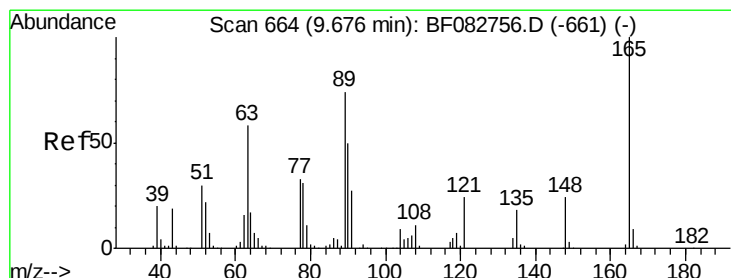
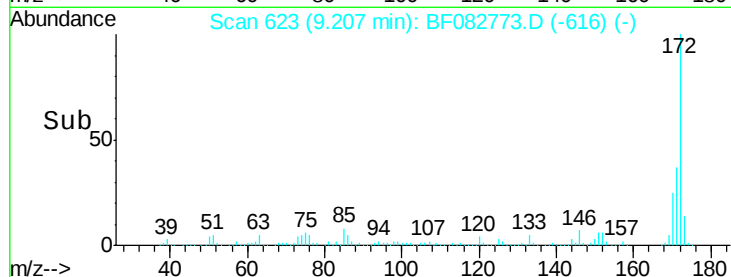
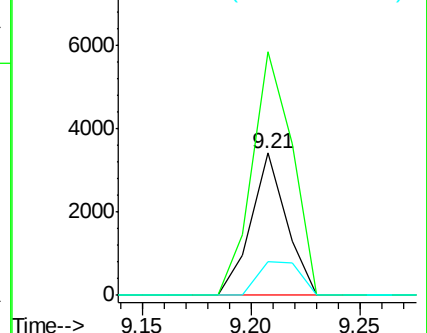
138 24.0 54.6 81.8#



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): BF0



#50

2,6-Dinitrotoluene

Concen: 7.21 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.21 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

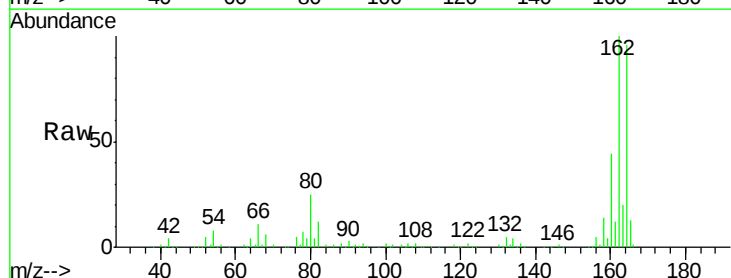
Tgt Ion: 165 Resp: 56175

Ion Ratio Lower Upper

165 100

63 1.2 55.5 83.3#

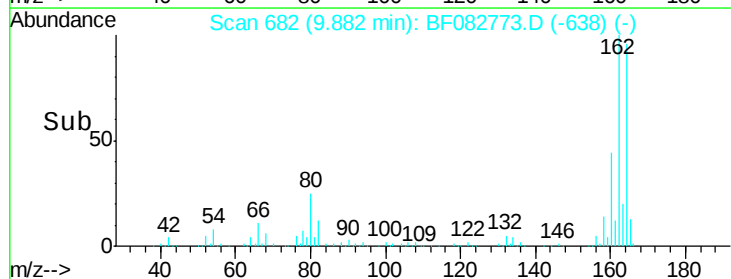
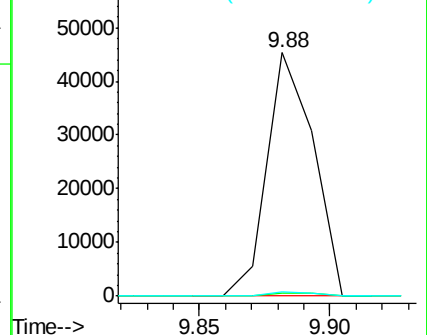
89 1.8 55.0 82.6#

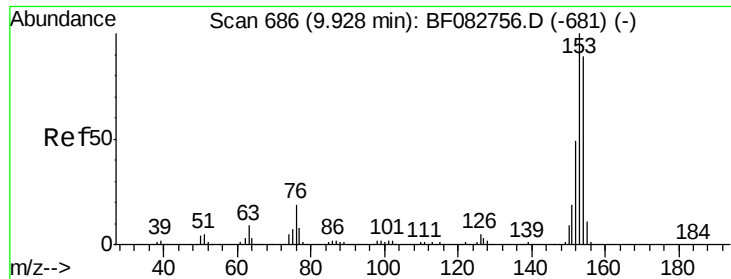


Abundance Ion 165.00 (164.70 to 165.70): BF0

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: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

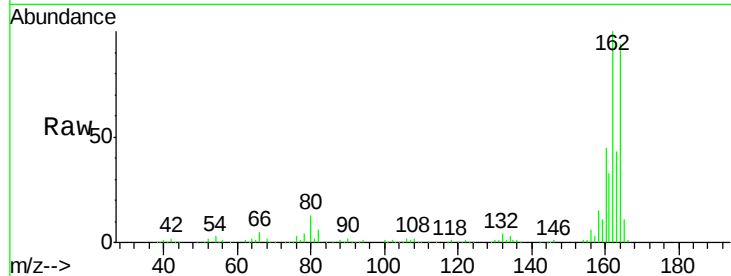
Tgt Ion:154 Resp: 1748

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

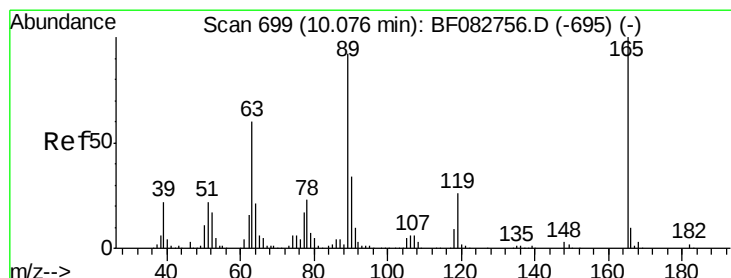
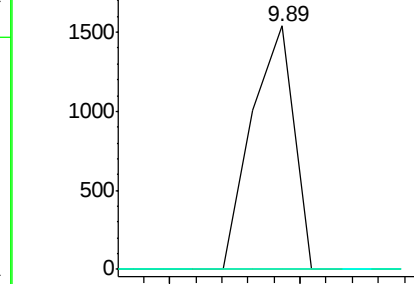
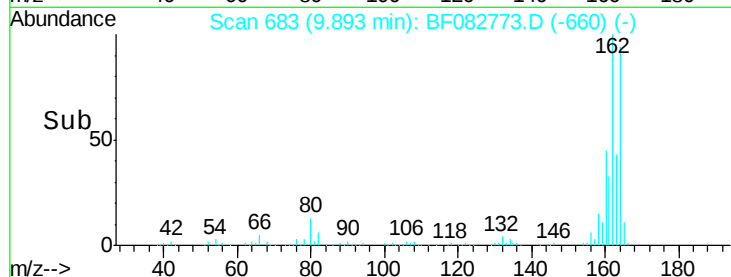
152 0.0 44.3 66.5#



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: 5.32 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Tgt Ion:165 Resp: 56177

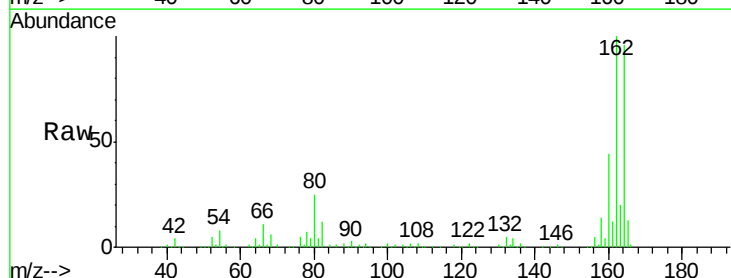
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

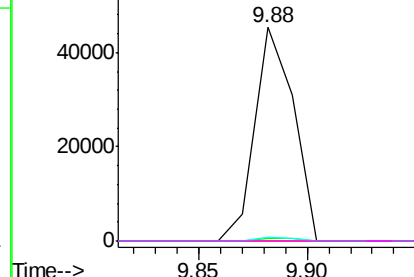
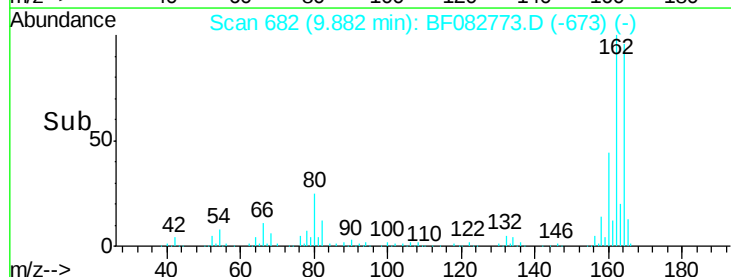


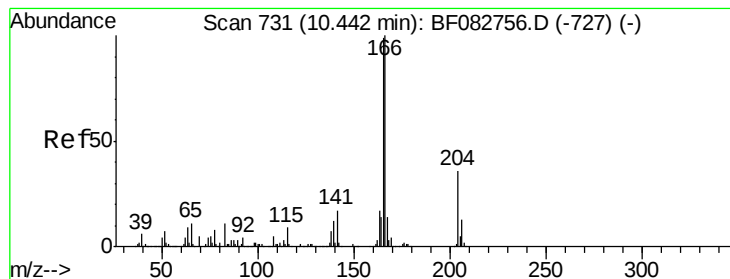
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.60 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

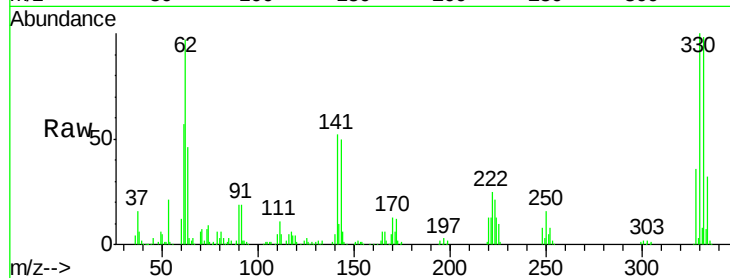
Tgt Ion:166 Resp: 19368

Ion Ratio Lower Upper

166 100

165 108.1 80.2 120.4

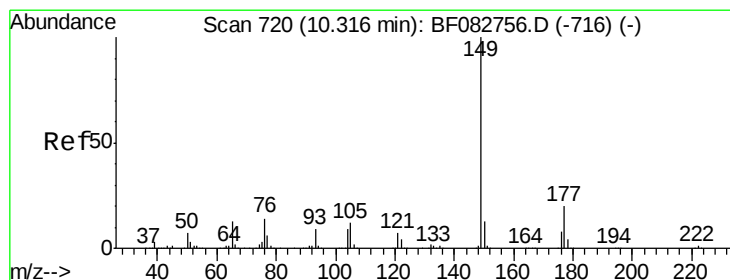
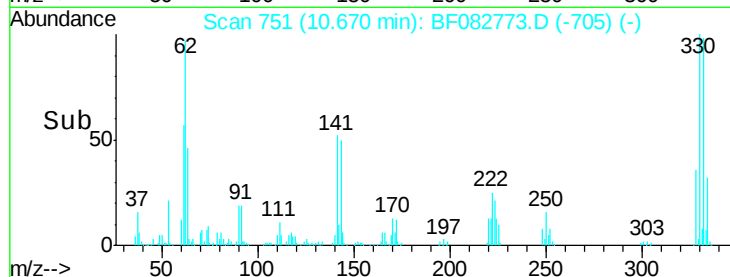
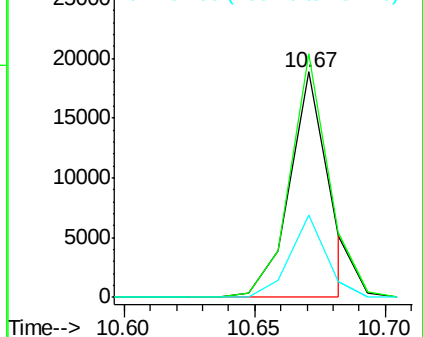
167 36.8 11.2 16.8#



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: 0.10 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

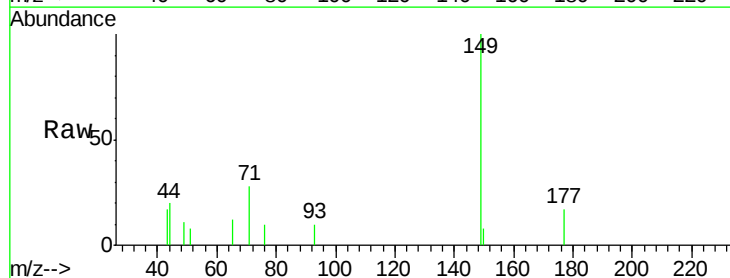
Tgt Ion:149 Resp: 3565

Ion Ratio Lower Upper

149 100

177 17.3 17.9 26.9#

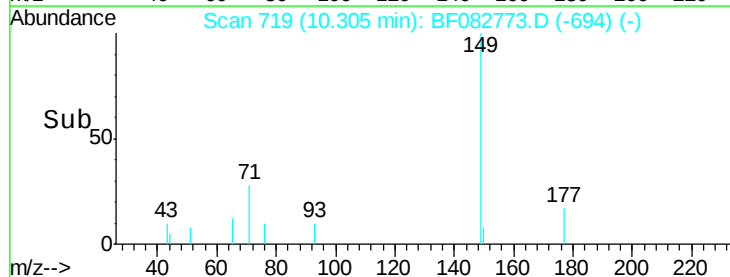
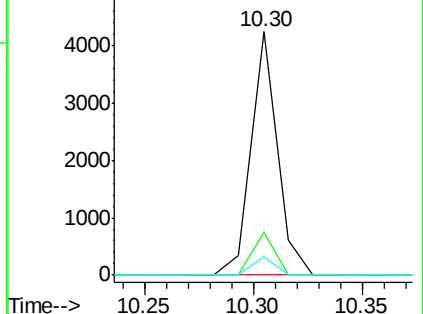
150 7.8 10.1 15.1#

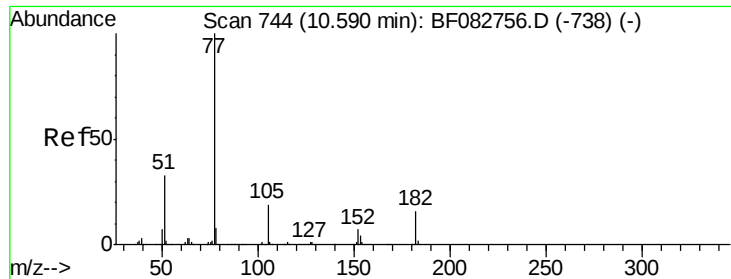


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

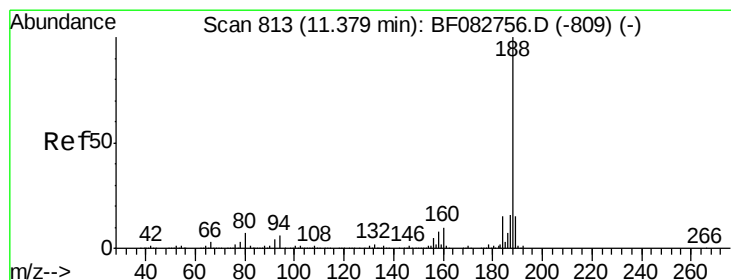
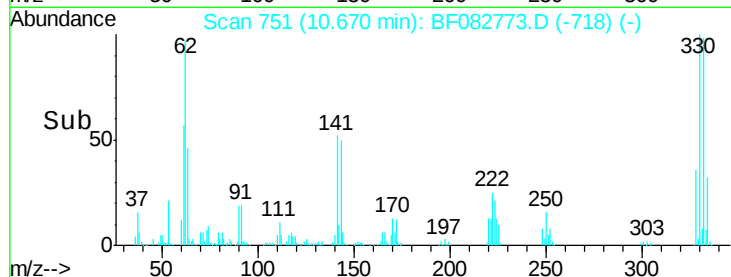
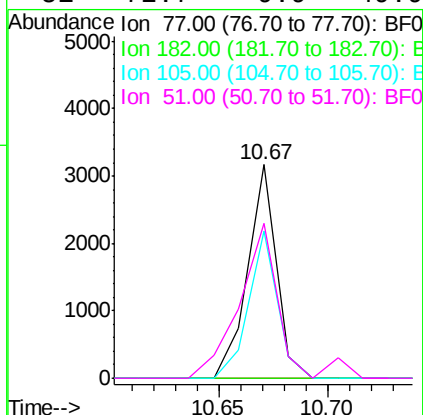
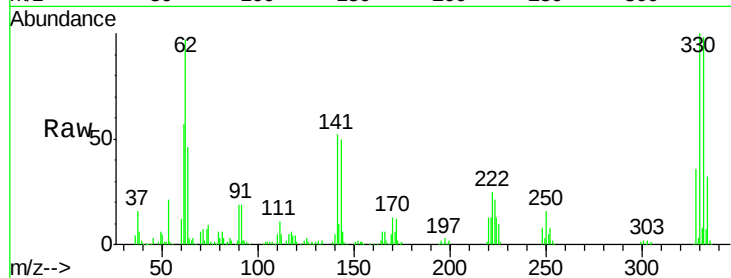




#62
Azobenzene
Concen: 0.08 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.08 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

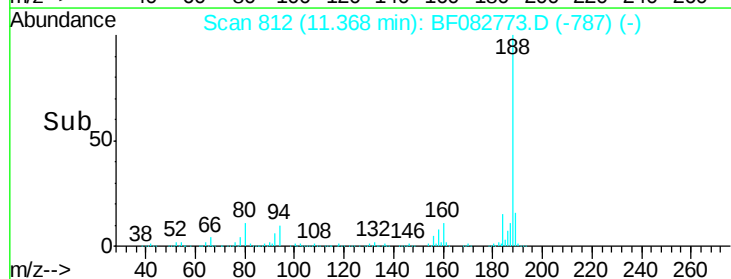
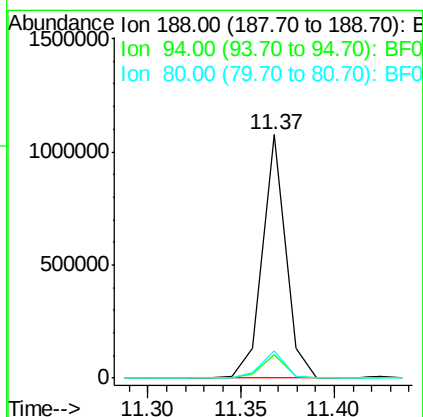
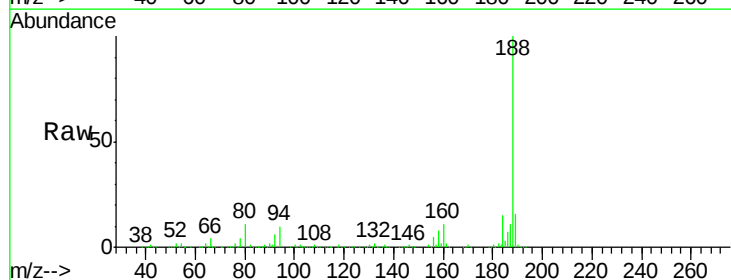
Instrument :
BNA_F
ClientSampleId :
PB86432BL

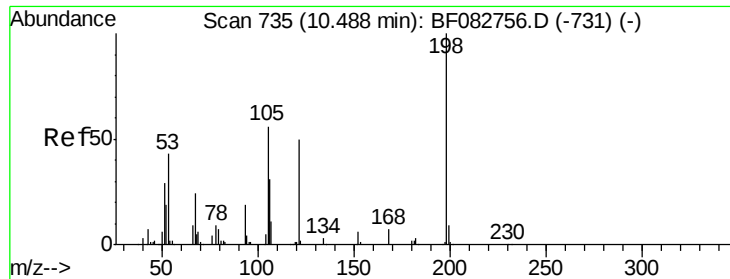
Tgt Ion:	77	Resp:	2898
Ion	Ratio	Lower	Upper
77	100		
182	0.0	9.3	49.3#
105	69.0	2.6	42.6#
51	72.7	9.9	49.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion:	188	Resp:	923373
Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.1	9.1#
80	11.2	7.0	10.6#

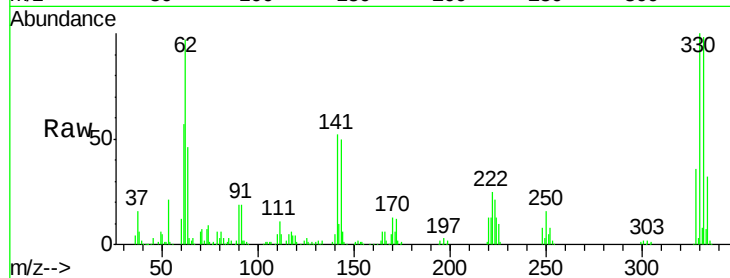




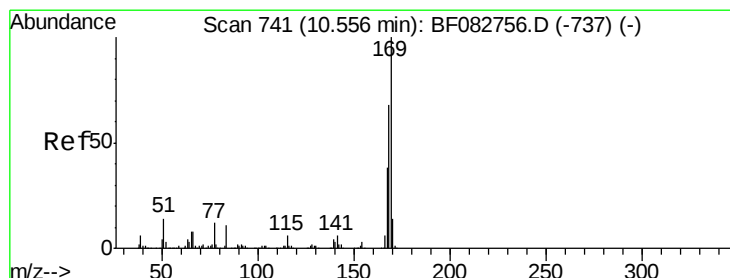
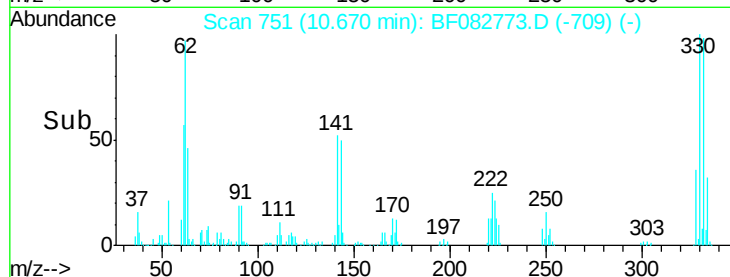
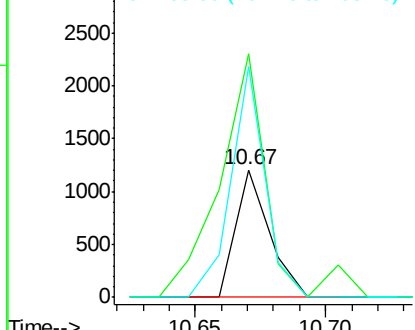
#64
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.18 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
PB86432BL

Tgt Ion:198 Resp: 1086
Ion Ratio Lower Upper
198 100
51 191.1 17.3 57.3#
105 181.4 21.7 61.7#

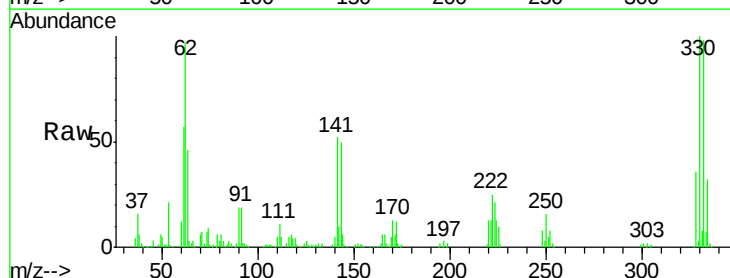


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

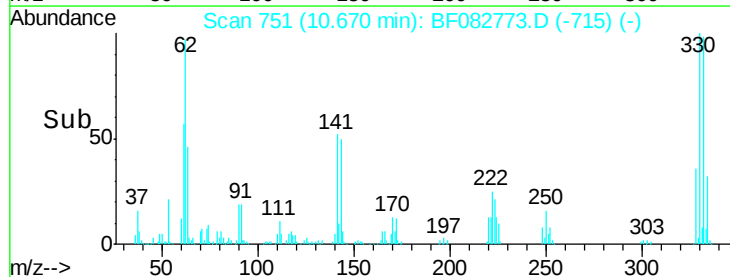
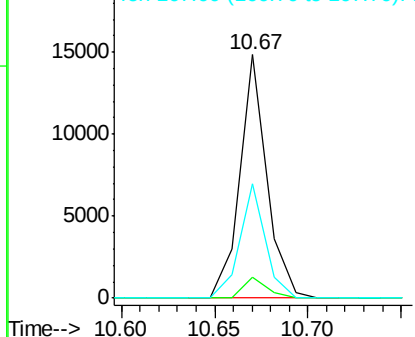


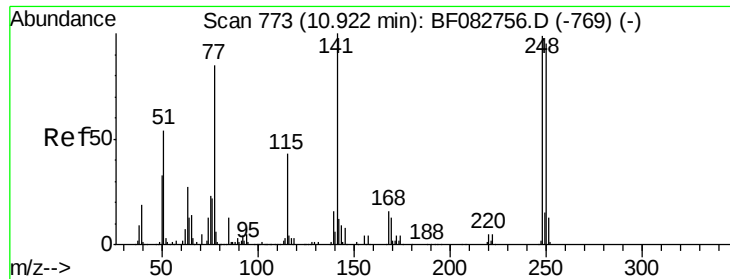
#65
n-Nitrosodiphenylamine
Concen: 0.45 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.11 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion:169 Resp: 14972
Ion Ratio Lower Upper
169 100
168 8.8 55.0 82.6#
167 46.7 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

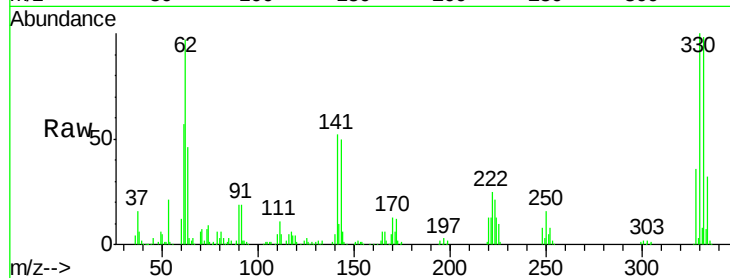




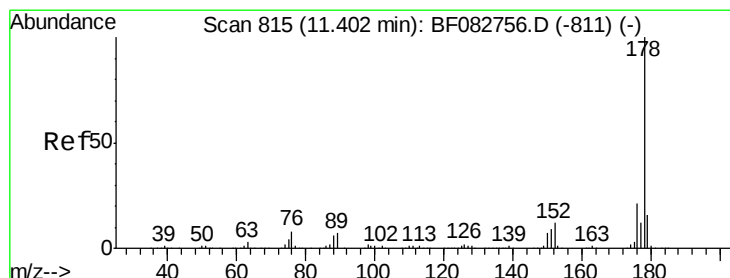
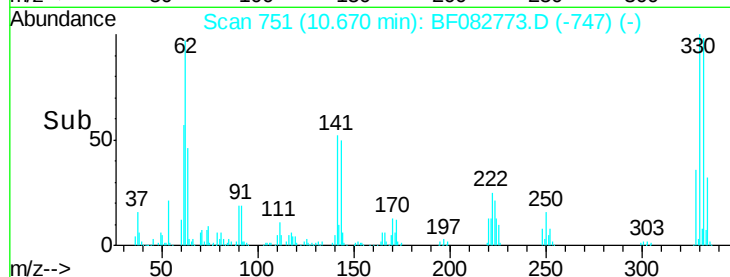
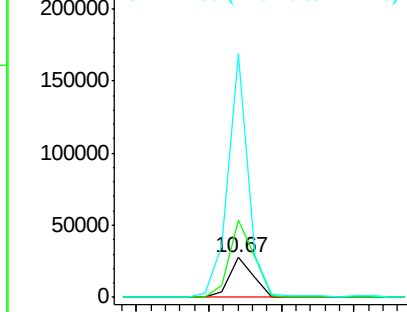
#66
 4-Bromophenyl-phenylether
 Concen: 2.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tgt Ion:248 Resp: 32556
 Ion Ratio Lower Upper
 248 100
 250 193.5 79.4 119.2#
 141 611.4 36.3 54.5#

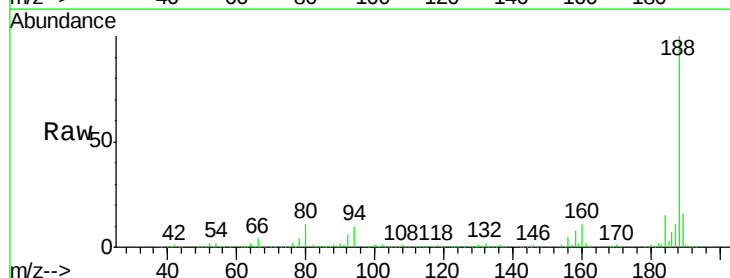


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

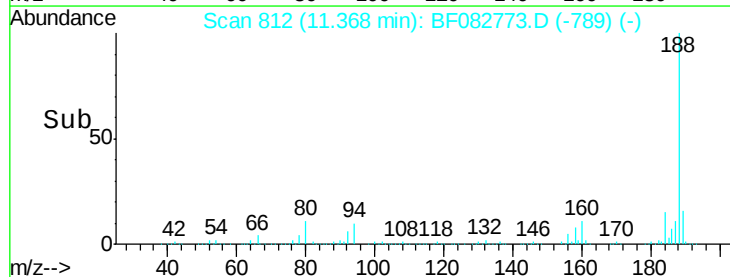
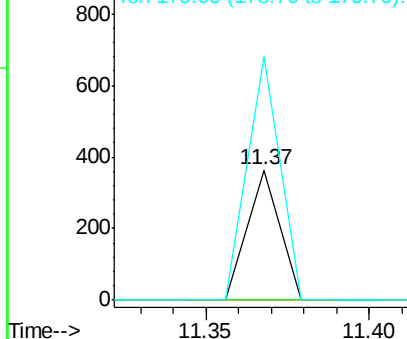


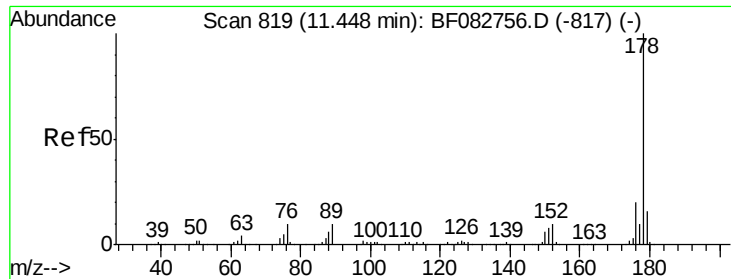
#70
 Phenanthrene
 Concen: 0.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:178 Resp: 250
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.0 25.4#
 179 186.8 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

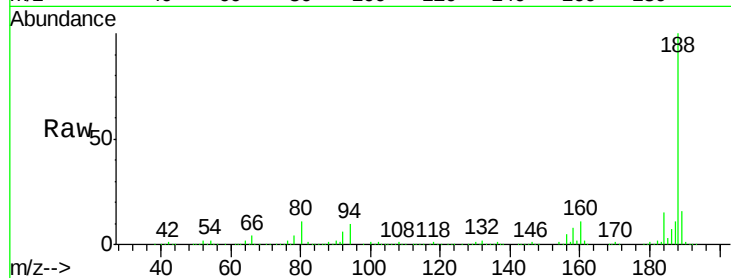




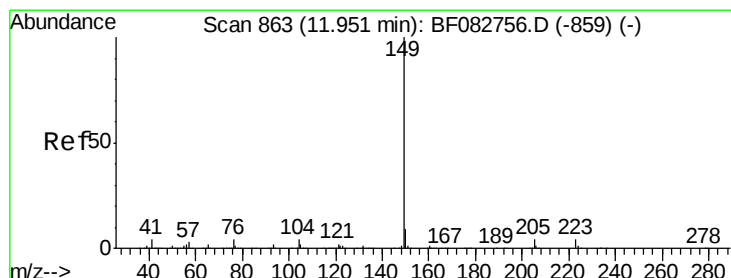
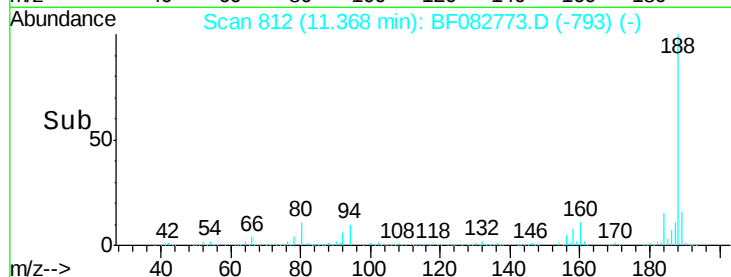
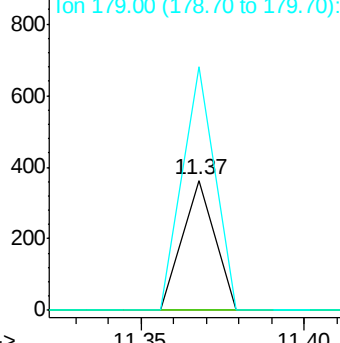
#71
 Anthracene
 Concen: 0.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.08 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tgt Ion:178 Resp: 250
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.5 24.7#
 179 186.8 13.2 19.8#

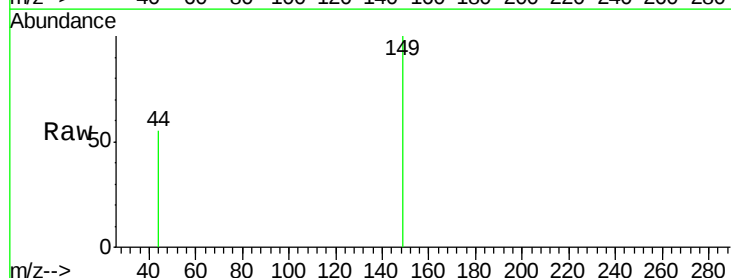


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

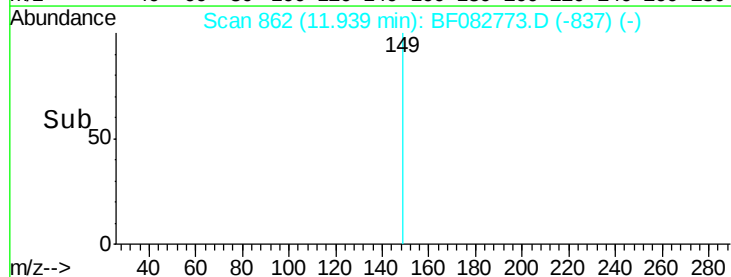
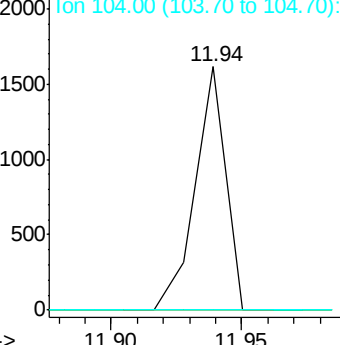


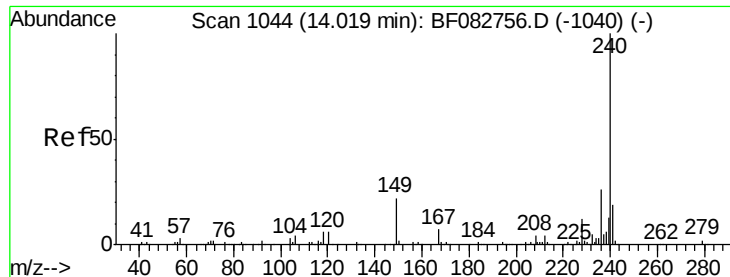
#73
 Di-n-butylphthalate
 Concen: 0.02 ng
 RT: 11.94 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:149 Resp: 1325
 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: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL

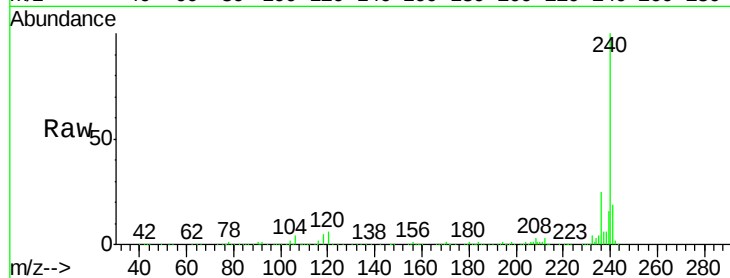
Tgt Ion:240 Resp: 976784

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

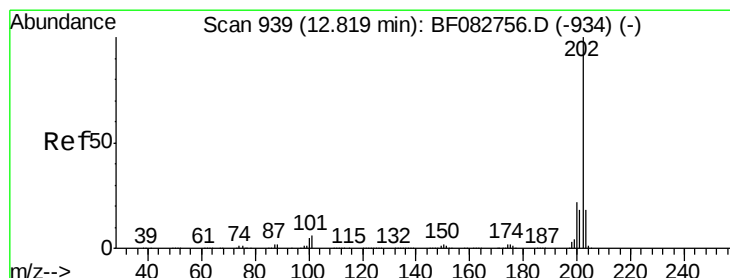
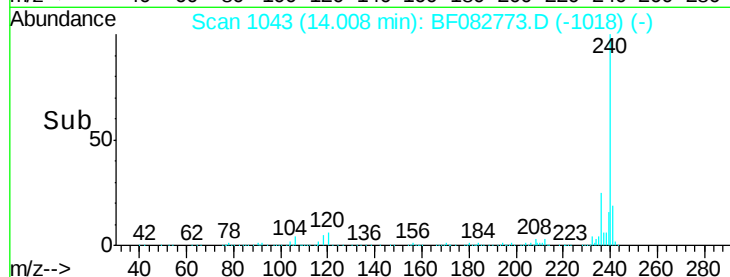
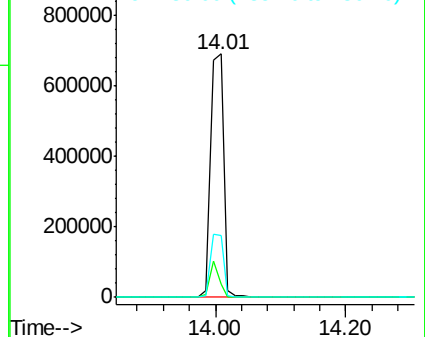
236 25.4 21.6 32.4



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: BF082773.D

Acq: 6 Nov 2015 20:56

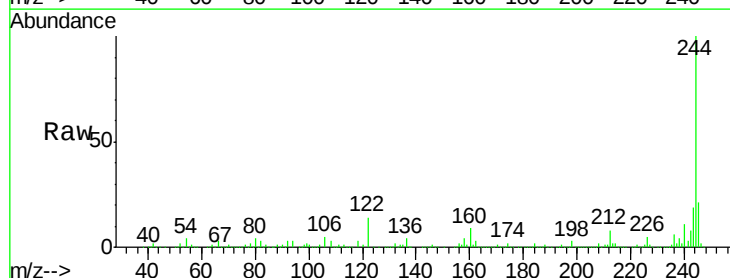
Tgt Ion:202 Resp: 7061

Ion Ratio Lower Upper

202 100

200 49.6 18.7 28.1#

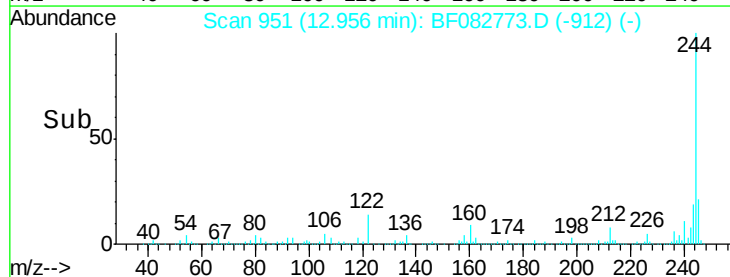
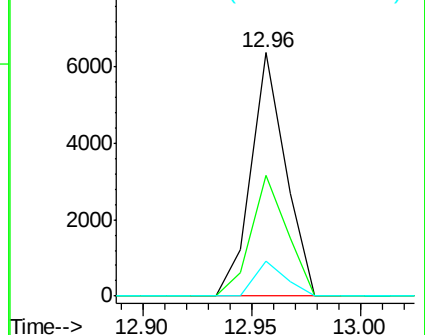
203 14.4 14.8 22.2#

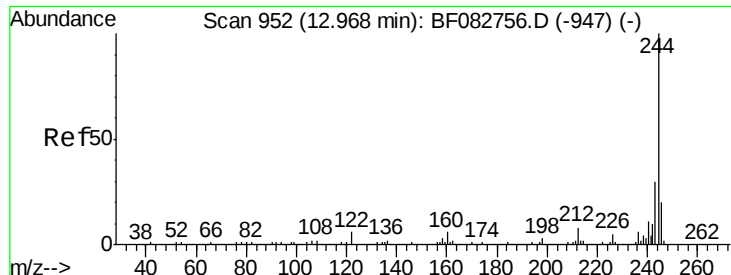


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

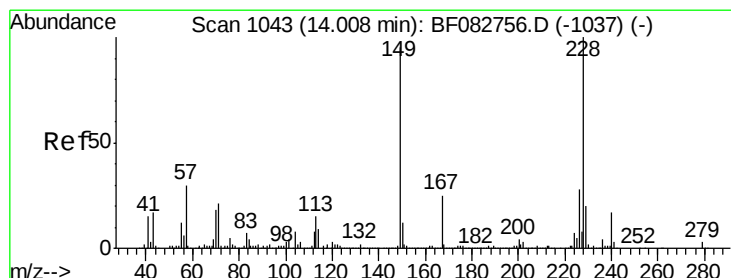
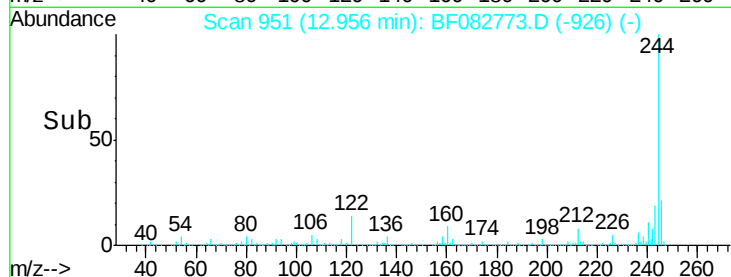
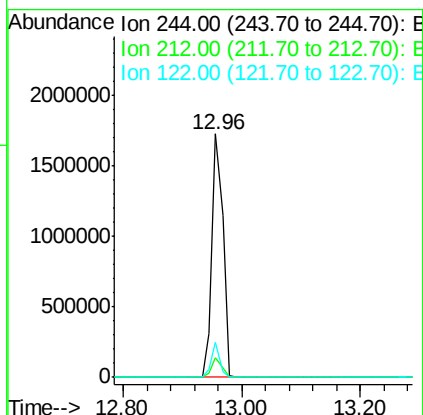
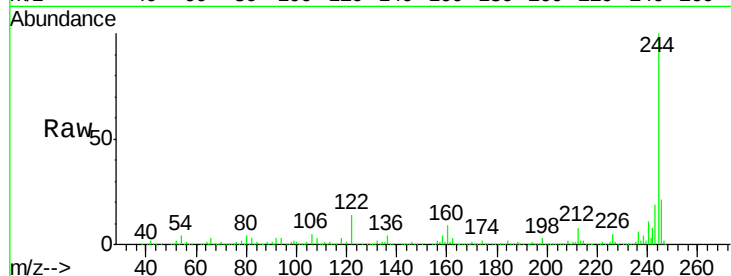




#78
 Terphenyl-d14
 Concen: 53.49 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

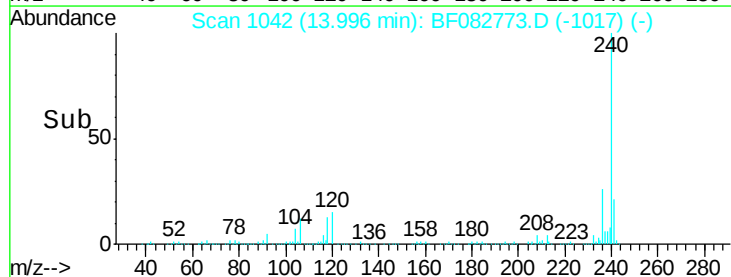
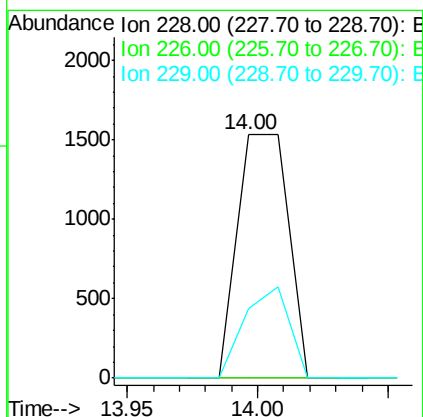
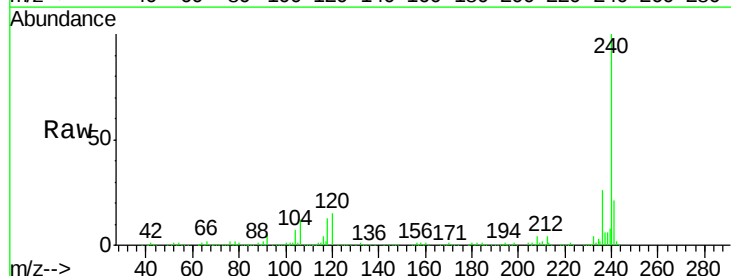
Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

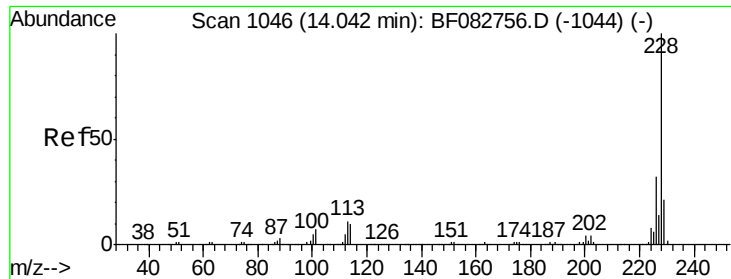
Tgt Ion:244 Resp: 2203050
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 14.3 11.3 16.9



#80
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:228 Resp: 2102
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.4 35.2#
 229 28.8 16.3 24.5#

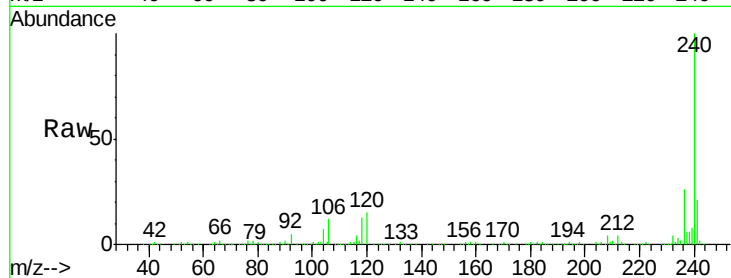




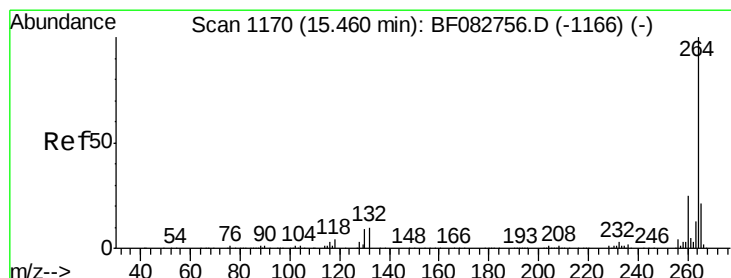
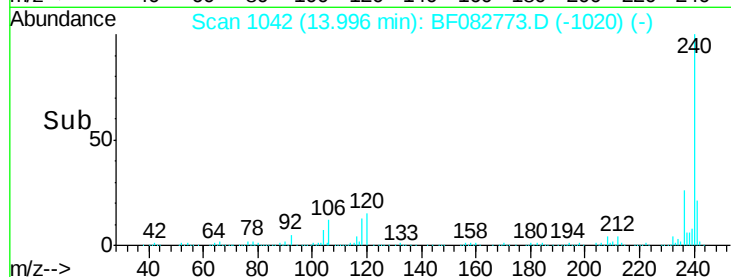
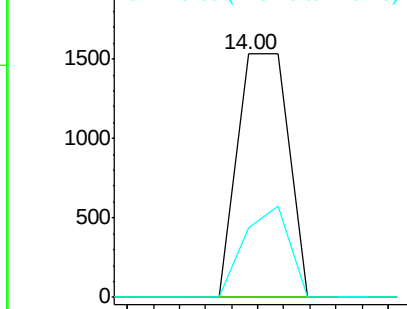
#82
Chrysene
Concen: 0.04 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
PB86432BL

Tgt Ion:228 Resp: 2102
Ion Ratio Lower Upper
228 100
226 0.0 25.5 38.3#
229 28.8 16.3 24.5#

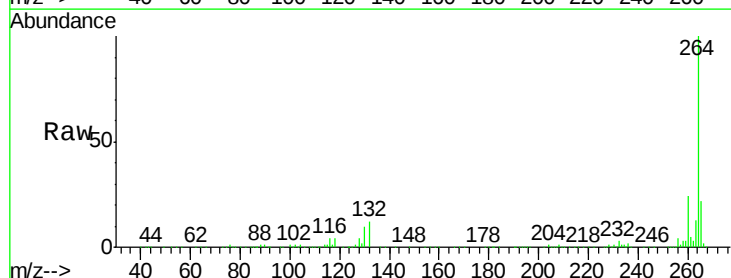


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

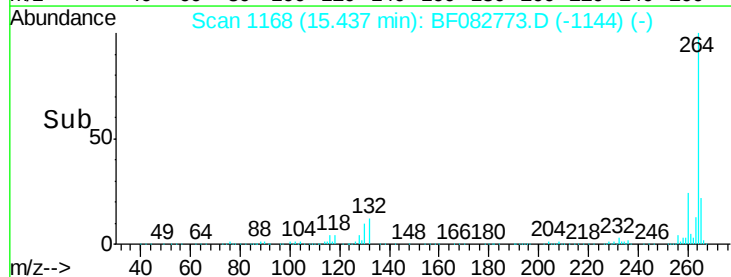
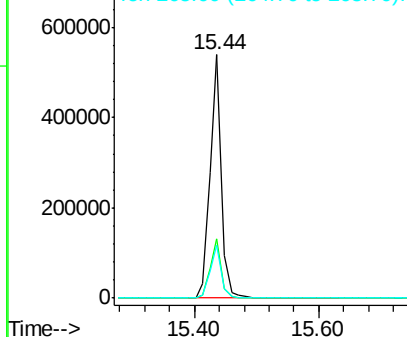


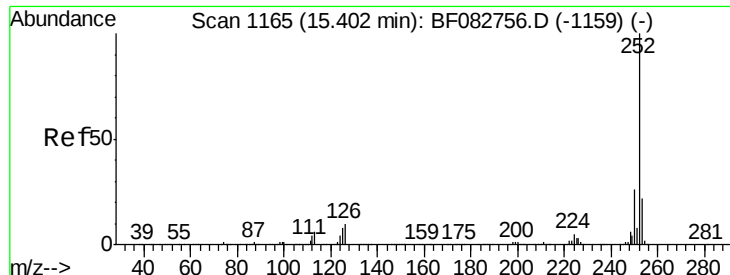
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion:264 Resp: 669020
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.03 min

Lab File: BF082773.D

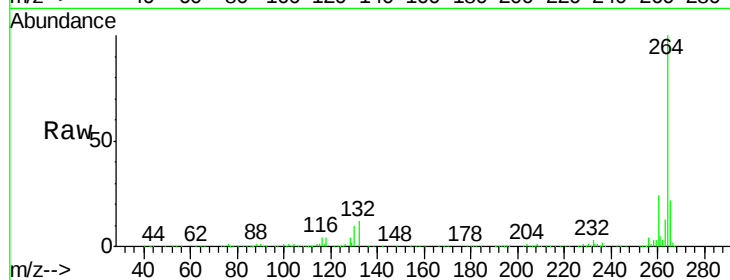
Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

PB86432BL



Tgt Ion:	252	Resp:	2150
Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.3	25.9#
125	22.3	7.1	10.7#

