

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078862.D
 Acq On : 30 Apr 2015 22:15
 Operator : TP/IZ
 Sample : G2067-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

Quant Time: May 01 00:45:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	75084	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	313176	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	147050	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	289214	20.00	ng	0.00
75) Chrysene-d12	16.26	240	299451	20.00	ng	-0.01
86) Perylene-d12	17.98	264	314302	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	226885	52.02	ng	0.00
7) Phenol-d6	6.91	99	305281	52.95	ng	0.00
23) Nitrobenzene-d5	8.06	82	164358	30.16	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	80445	50.57	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	359321	34.04	ng	0.00
78) Terphenyl-d14	14.97	244	436212	34.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	168	0.09	ng	# 88
10) Phenol	6.92	94	1385	0.21	ng	# 1
11) bis(2-Chloroethyl)ether	7.07	93	245	0.05	ng	# 1
15) Benzyl Alcohol	7.55	79	3269	0.76	ng	# 46
22) Acetophenone	7.86	105	445	0.06	ng	# 28
24) Nitrobenzene	8.06	77	422	0.08	ng	# 43
25) Isophorone	8.36	82	289	0.03	ng	# 1
27) 2,4-Dimethylphenol	8.57	122	3834	0.86	ng	# 4
31) Naphthalene	8.97	128	4093	0.27	ng	# 97
32) Benzoic acid	8.57	122	3834	7.50	ng	# 87
35) Caprolactam	9.45	113	757	0.59	ng	# 1
36) 4-Chloro-3-methylphenol	9.62	107	1230	0.29	ng	# 21
37) 2-Methylnaphthalene	9.83	142	16527	1.60	ng	# 93
43) 2,4,5-Trichlorophenol	10.25	196	228	0.08	ng	# 1
45) 1,1'-Biphenyl	10.41	154	10347	0.89	ng	# 98
47) 2-Nitroaniline	10.52	65	669	0.25	ng	# 59
48) Acenaphthylene	10.95	152	5090	0.34	ng	# 1
49) Dimethylphthalate	10.80	163	22705	2.10	ng	# 95
50) 2,6-Dinitrotoluene	10.84	165	915	0.43	ng	# 23
51) Acenaphthene	11.16	154	6880	0.77	ng	# 84
52) 3-Nitroaniline	11.06	138	1363	0.51	ng	# 39
54) Dibenzofuran	11.38	168	16505	1.28	ng	# 2
55) 4-Nitrophenol	11.27	139	5047	2.40	ng	# 26
56) 2,4-Dinitrotoluene	11.38	165	6250	2.22	ng	# 47
57) Fluorene	11.80	166	11595	1.10	ng	# 76
59) Diethylphthalate	11.68	149	1957	0.18	ng	# 11
60) 4-Chlorophenyl-phenylether	11.82	204	625	0.13	ng	# 1
61) 4-Nitroaniline	11.85	138	569	0.21	ng	# 36
62) Azobenzene	12.02	77	5415	0.51	ng	# 39
64) 4,6-Dinitro-2-methylphenol	11.84	198	354	1.15	ng	# 1
65) n-Nitrosodiphenylamine	11.95	169	56202	5.84	ng	# 39
66) 4-Bromophenyl-phenylether	12.42	248	248	0.08	ng	# 1
68) Atrazine	12.61	200	6567	2.34	ng	# 55
70) Phenanthrene	13.01	178	206668	12.77	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

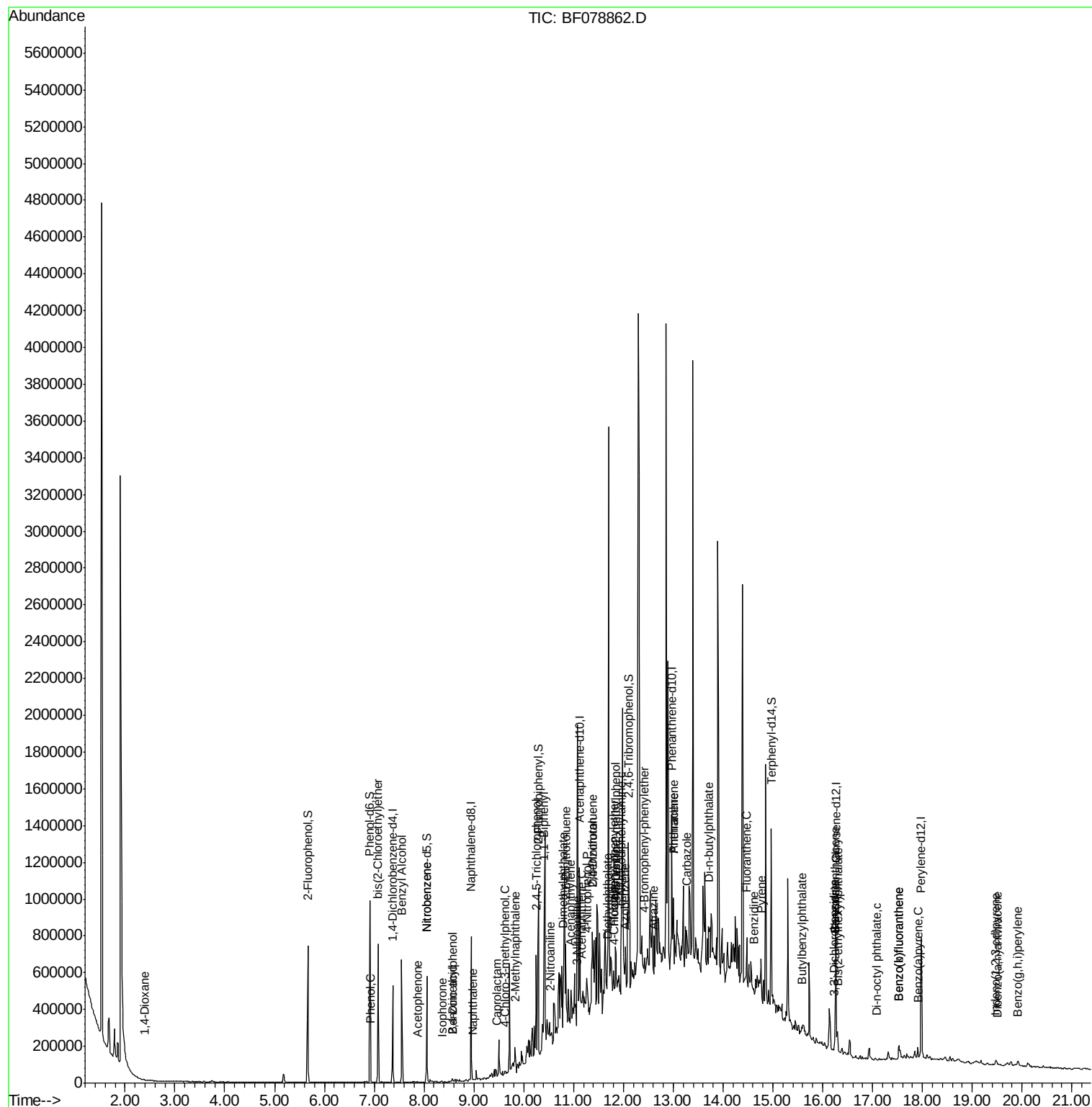
71) Anthracene	13.01	178	202119	12.73	ng	99
72) Carbazole	13.27	167	19092	1.26	ng	# 79
73) Di-n-butylphthalate	13.71	149	4217	0.23	ng	# 42
74) Fluoranthene	14.48	202	120901	7.17	ng	96
76) Benzidine	14.62	184	171	0.02	ng	# 1
77) Pyrene	14.77	202	103250	5.98	ng	97
79) Butylbenzylphthalate	15.59	149	2040	0.27	ng	# 15
80) Benzo(a)anthracene	16.25	228	47716	2.91	ng	97
81) 3,3'-Dichlorobenzidine	16.24	252	1172	0.20	ng	# 1
82) Chrysene	16.25	228	46582	2.95	ng	94
83) Bis(2-ethylhexyl)phthalate	16.30	149	12273	1.07	ng	# 96
84) Di-n-octyl phthalate	17.09	149	1341	0.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.47	276	23724	1.18	ng	# 100
87) Benzo(b)fluoranthene	17.53	252	61390	3.57	ng	97
88) Benzo(k)fluoranthene	17.53	252	62245	3.74	ng	98
89) Benzo(a)pyrene	17.91	252	29565	1.87	ng	# 92
90) Dibenzo(a,h)anthracene	19.50	278	6610	0.39	ng	# 66
91) Benzo(g,h,i)perylene	19.92	276	20049	1.19	ng	# 93

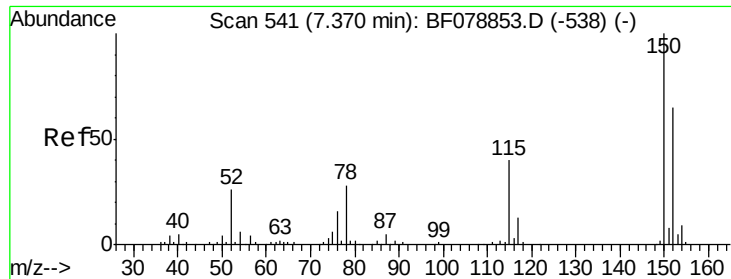
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 541

Delta R.T. -0.00 min

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Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

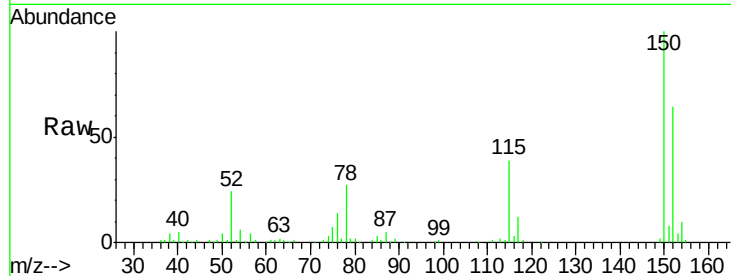
Tgt Ion:152 Resp: 75084

Ion Ratio Lower Upper

152 100

150 155.8 122.0 183.0

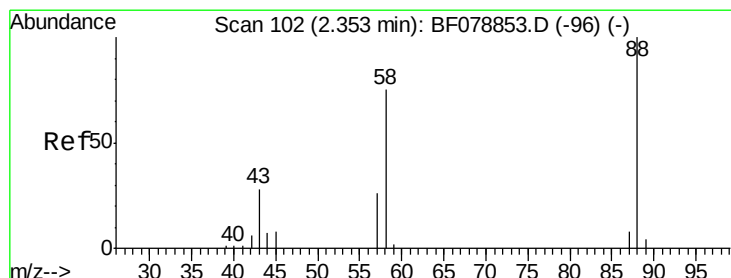
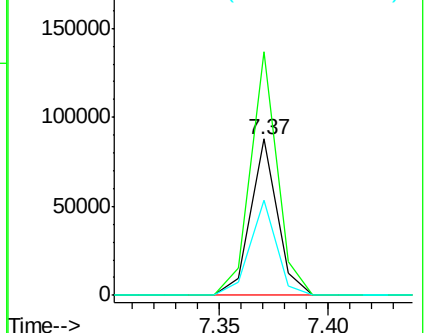
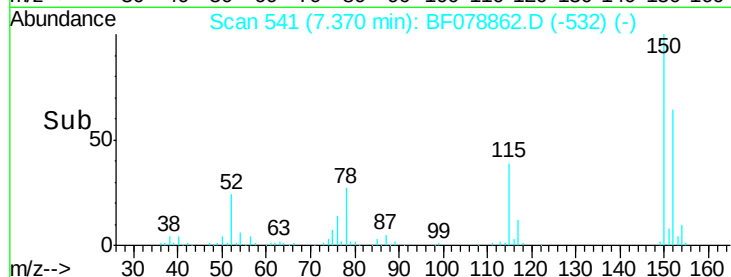
115 60.9 46.3 69.5



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: 0.09 ng

RT: 2.40 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

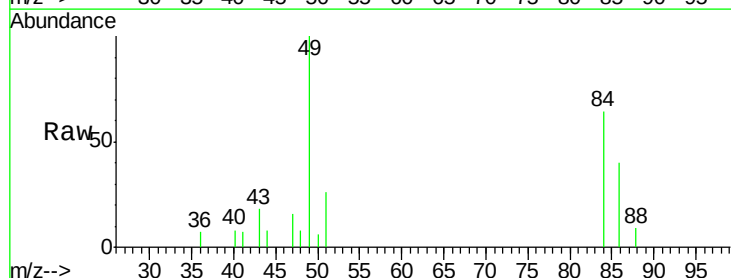
Tgt Ion: 88 Resp: 168

Ion Ratio Lower Upper

88 100

58 276.8 0.0 0.0#

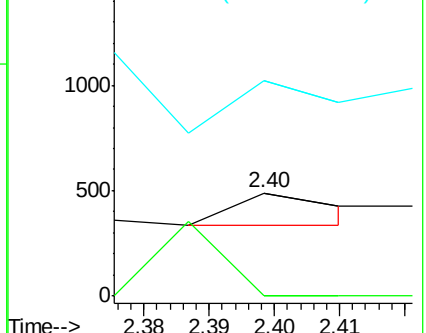
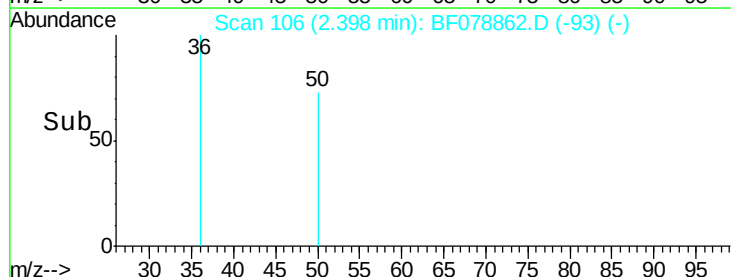
43 0.0 3.3 4.9#

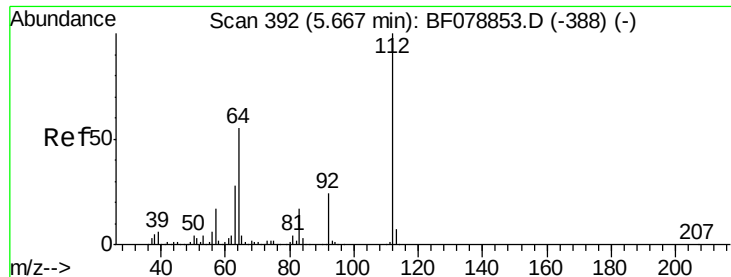


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.02 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

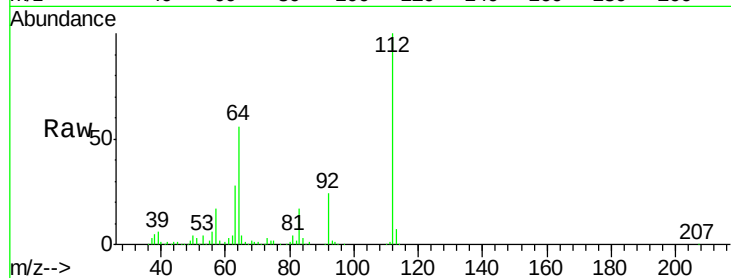
Tgt Ion: 112 Resp: 226885

Ion Ratio Lower Upper

112 100

64 55.5 53.5 80.3

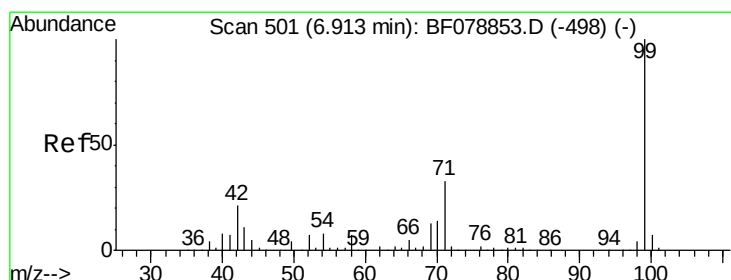
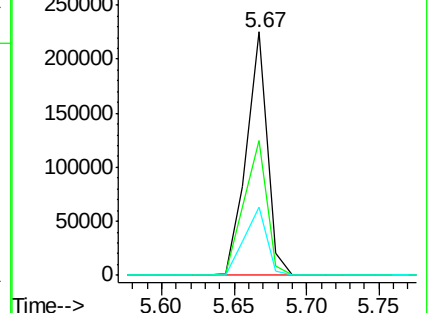
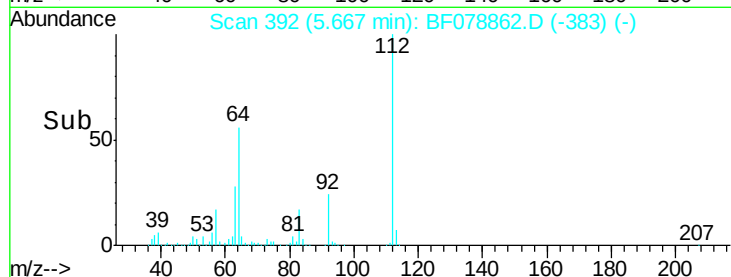
63 28.1 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 52.95 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

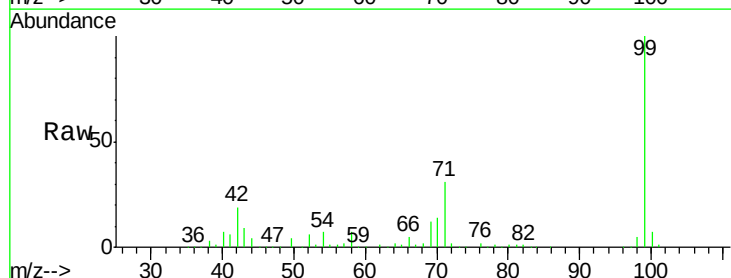
Tgt Ion: 99 Resp: 305281

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

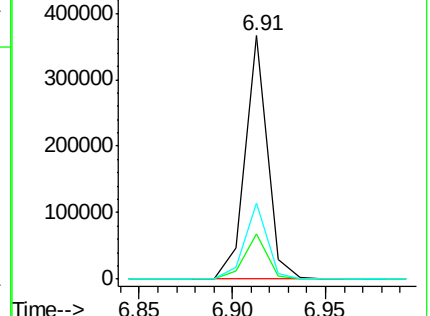
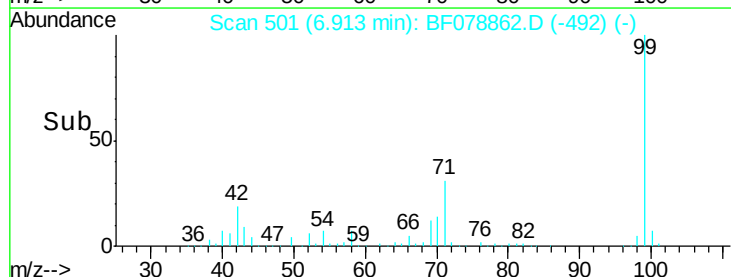
71 31.1 23.4 35.2

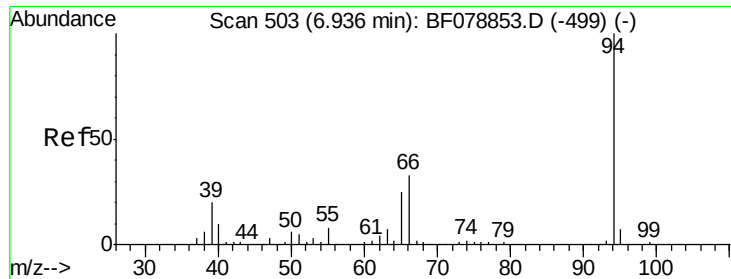


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 0.21 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

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ClientSampleId :

SINGSING-SS3-0-6

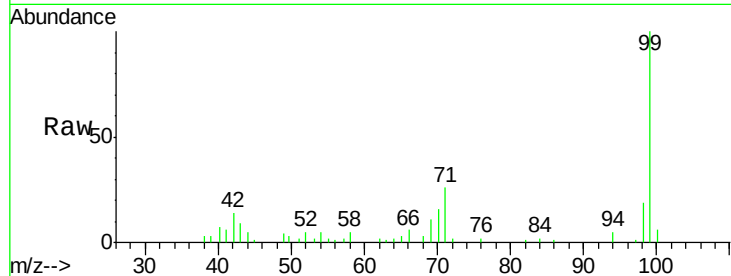
Tgt Ion: 94 Resp: 1385

Ion Ratio Lower Upper

94 100

65 55.9 8.5 48.5#

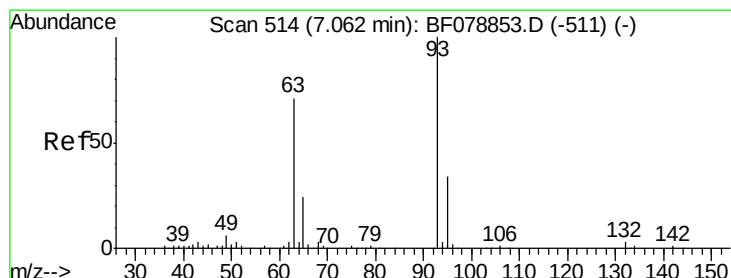
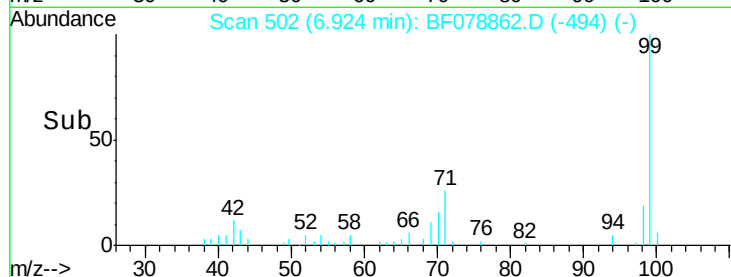
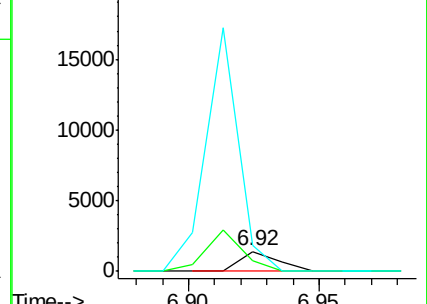
66 130.2 16.0 56.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.05 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

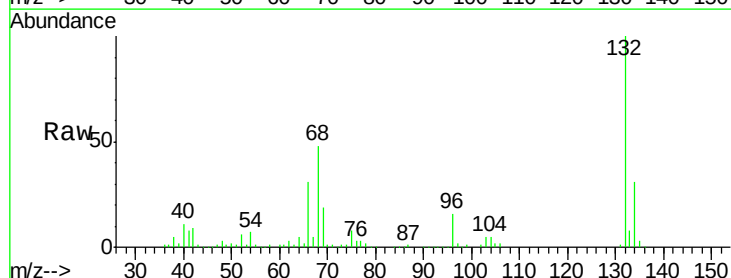
Tgt Ion: 93 Resp: 245

Ion Ratio Lower Upper

93 100

63 667.6 64.8 104.8#

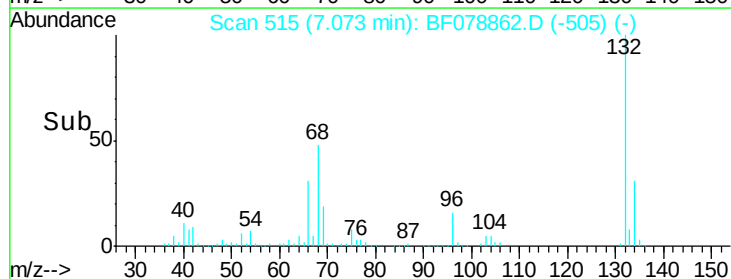
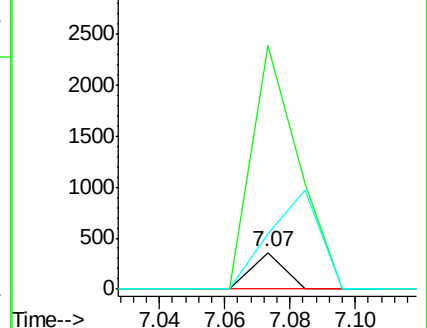
95 151.4 12.4 52.4#

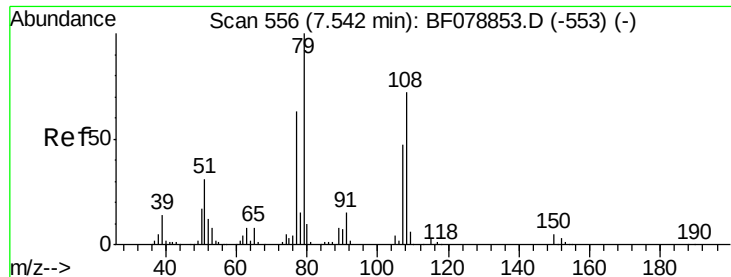


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 0.76 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF078862.D

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SINGSING-SS3-0-6

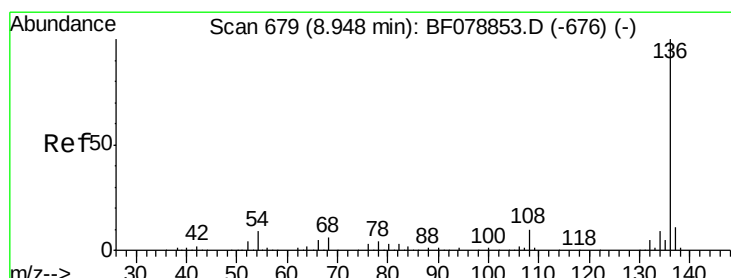
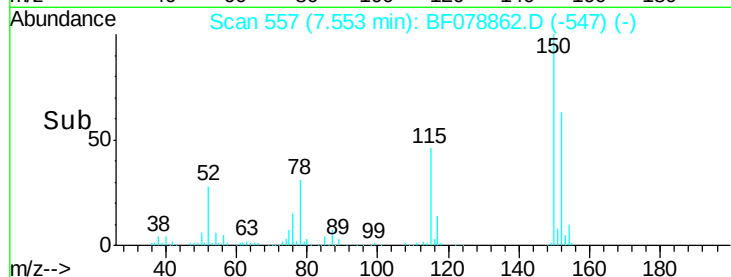
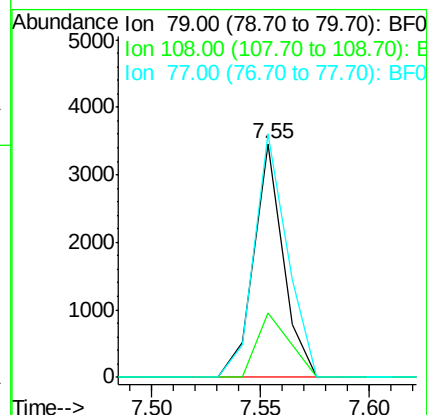
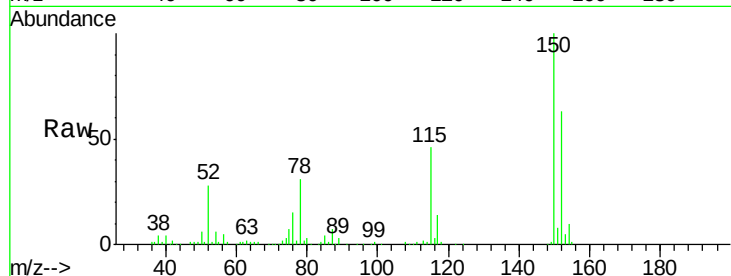
Tgt Ion: 79 Resp: 3269

Ion Ratio Lower Upper

79 100

108 27.4 62.5 93.7#

77 104.3 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Tgt Ion: 136 Resp: 313176

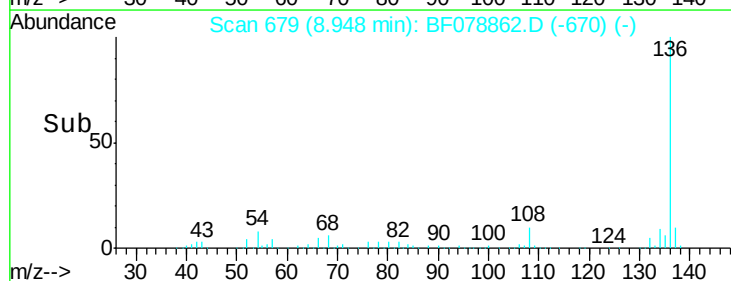
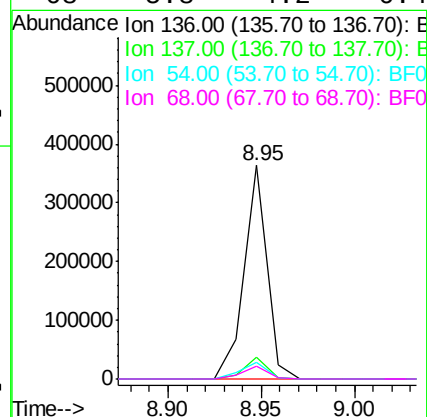
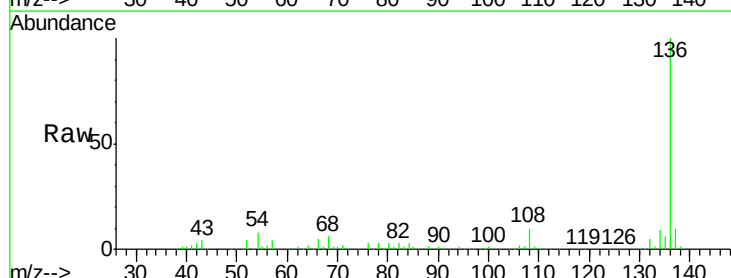
Ion Ratio Lower Upper

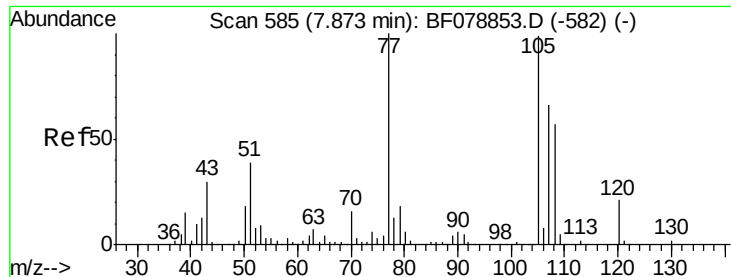
136 100

137 10.5 8.7 13.1

54 7.5 5.8 8.8

68 5.8 4.2 6.4

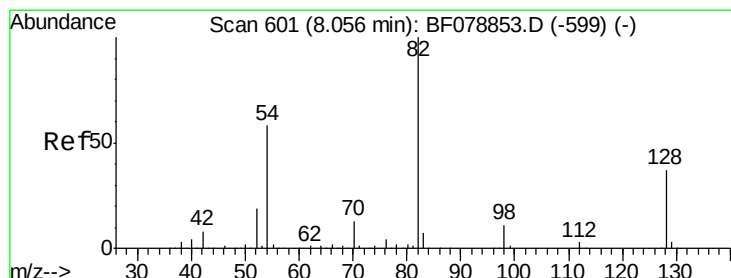
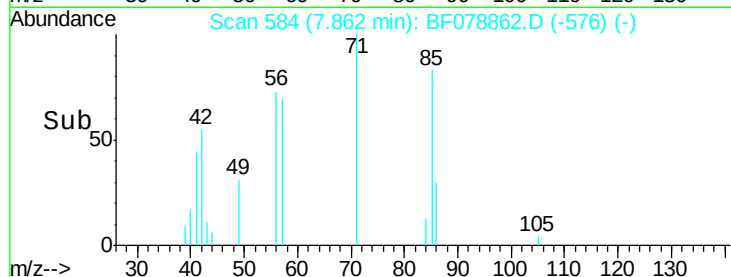
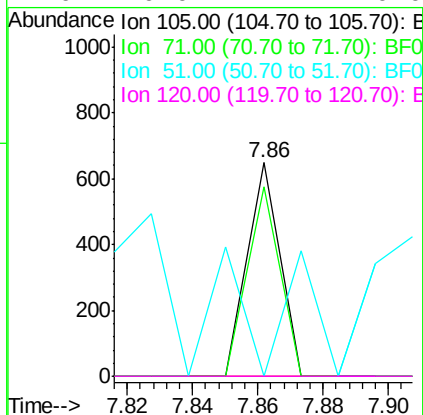
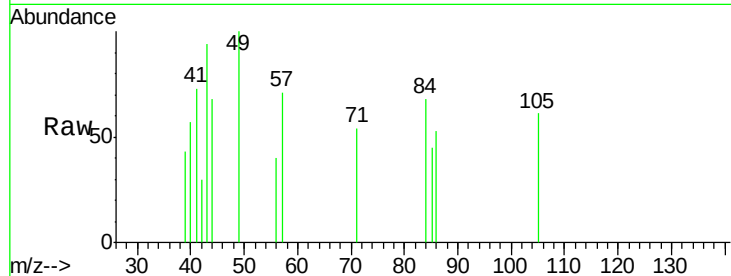




#22
Acetophenone
Concen: 0.06 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

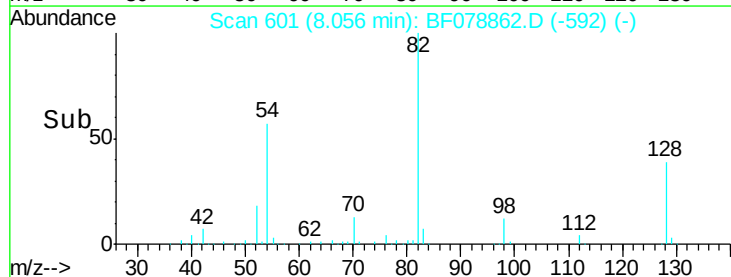
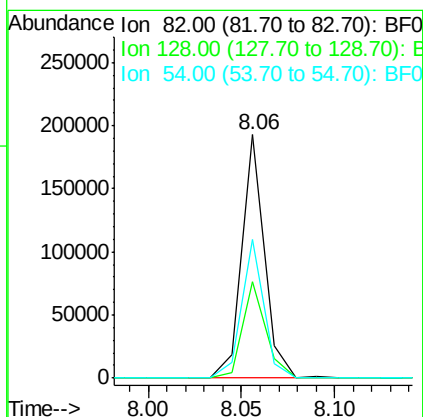
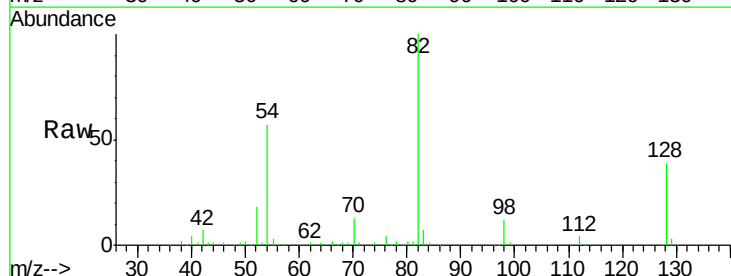
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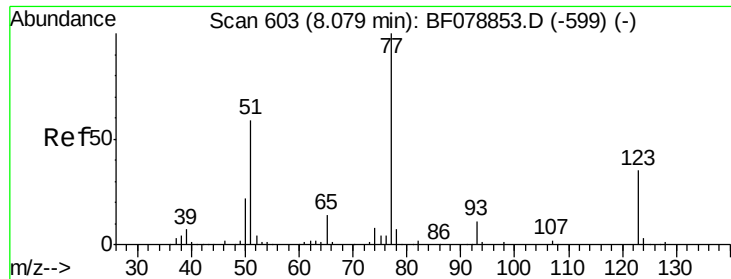
Tgt Ion: 105 Resp: 445
Ion Ratio Lower Upper
105 100
71 88.8 4.6 6.8#
51 0.0 26.7 40.1#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 30.16 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion: 82 Resp: 164358
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 56.7 46.4 69.6





#24

Nitrobenzene

Concen: 0.08 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

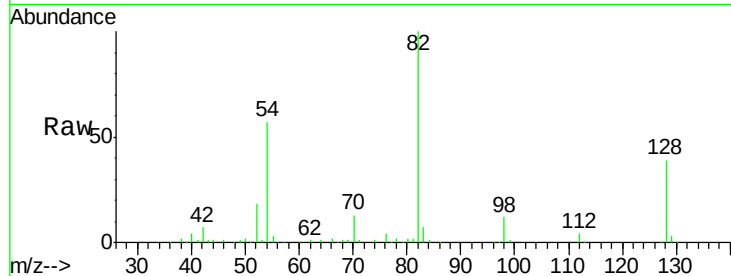
Tgt Ion: 77 Resp: 422

Ion Ratio Lower Upper

77 100

123 0.0 31.8 47.8#

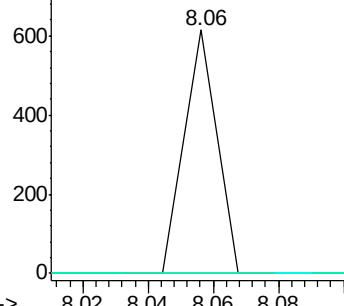
65 0.0 10.6 15.8#



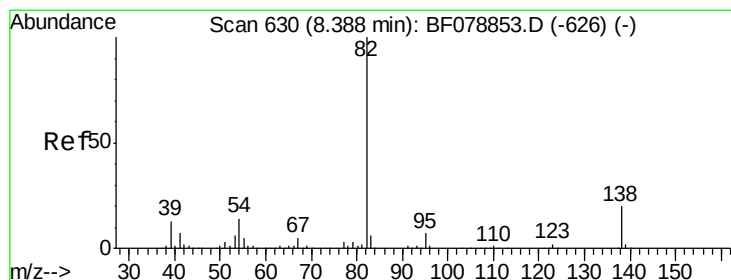
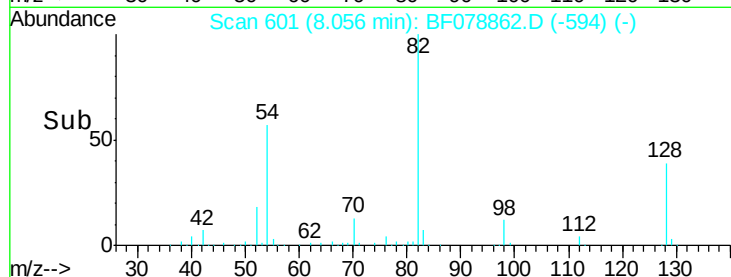
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#25

Isophorone

Concen: 0.03 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

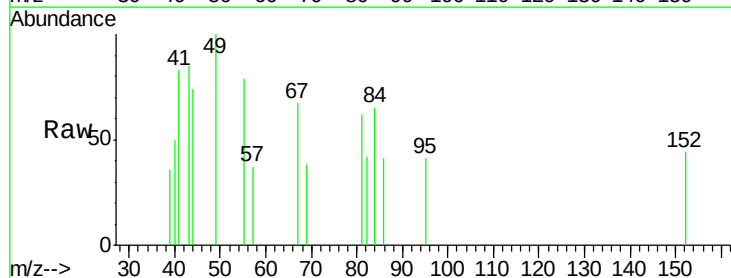
Tgt Ion: 82 Resp: 289

Ion Ratio Lower Upper

82 100

95 98.3 5.3 7.9#

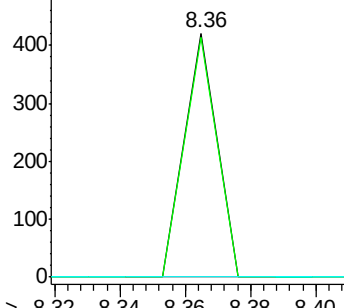
138 0.0 12.0 18.0#



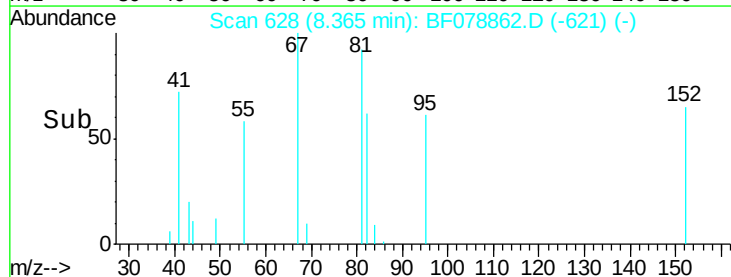
Abundance Ion 82.00 (81.70 to 82.70): BF0

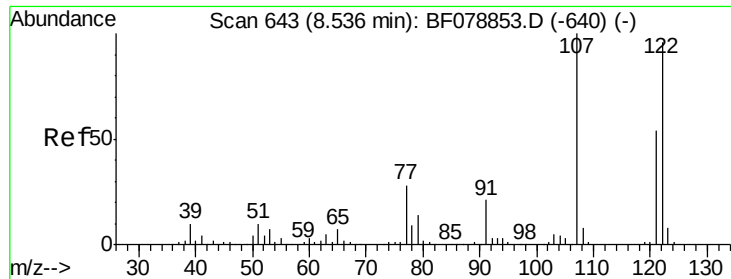
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->

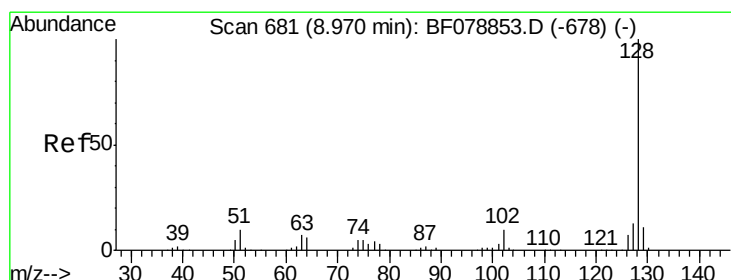
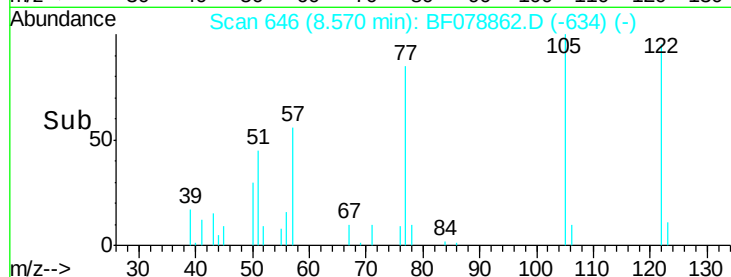
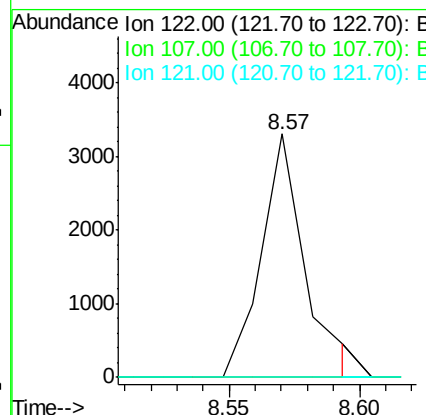
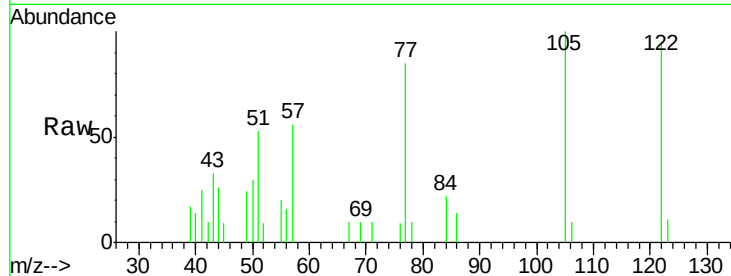




#27
2,4-Dimethylphenol
Concen: 0.86 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.03 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

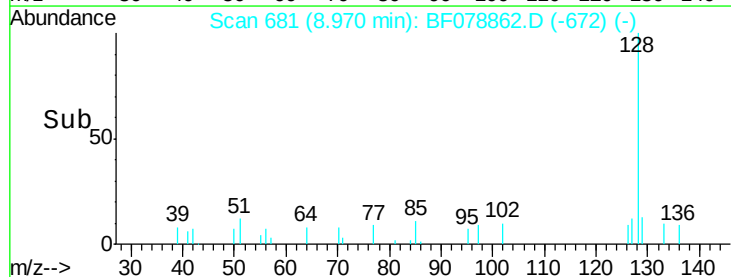
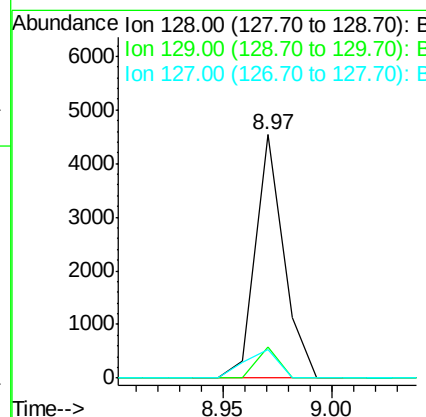
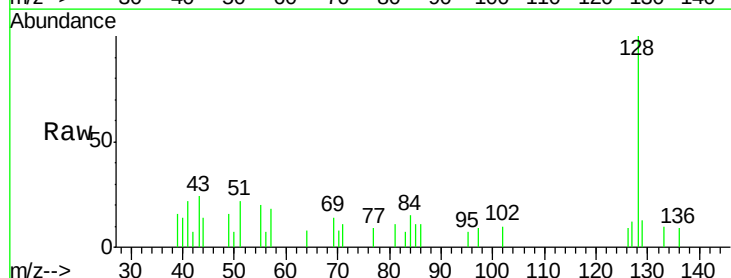
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

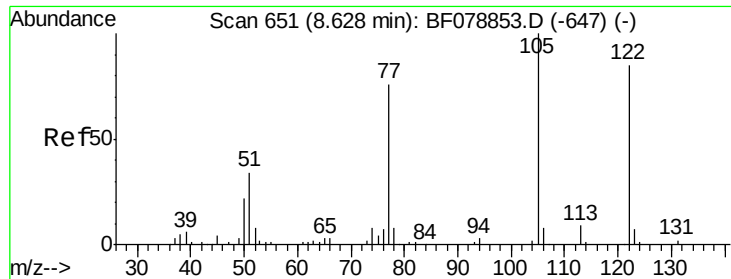
Tgt Ion:122 Resp: 3834
Ion Ratio Lower Upper
122 100
107 0.0 90.6 135.8#
121 0.0 45.4 68.2#



#31
Naphthalene
Concen: 0.27 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:128 Resp: 4093
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 12.0 10.7 16.1

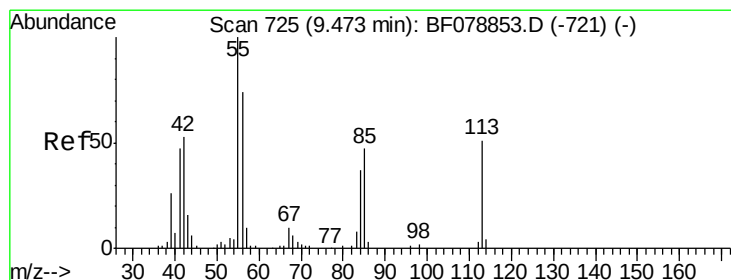
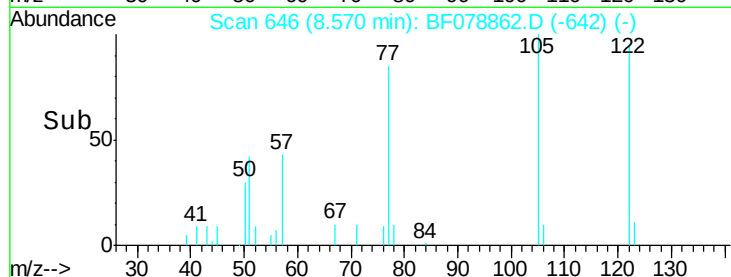
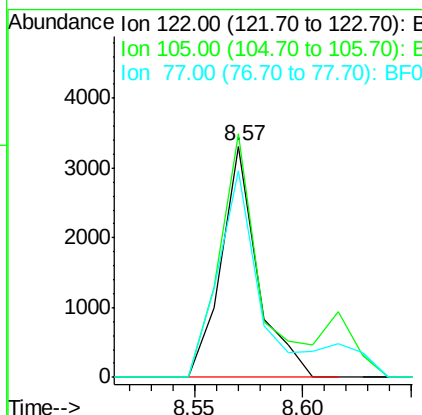
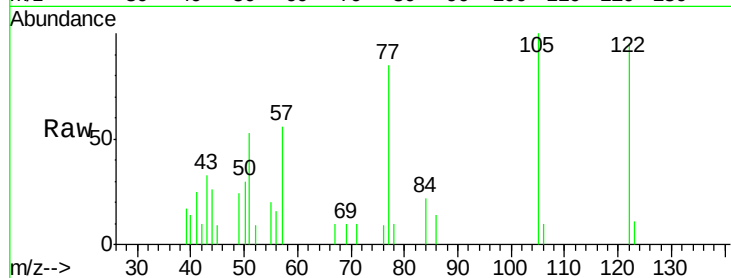




#32
Benzoic acid
Concen: 7.50 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

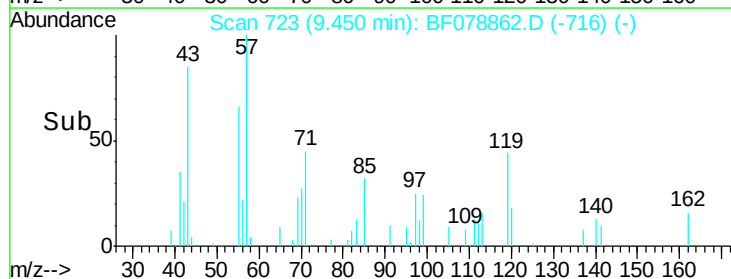
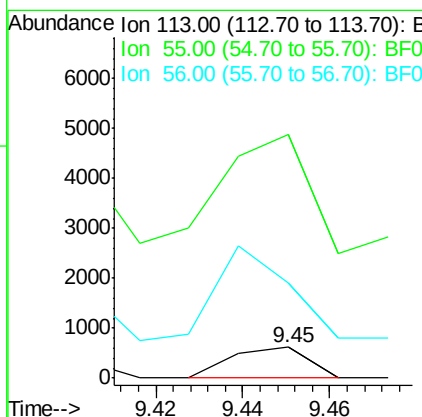
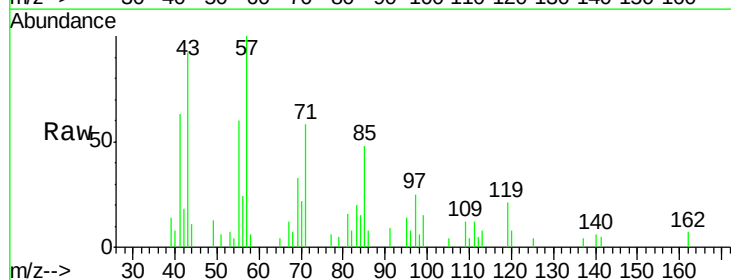
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

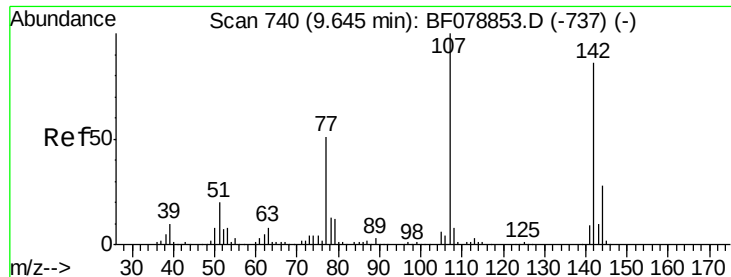
Tgt Ion:122 Resp: 3834
Ion Ratio Lower Upper
122 100
105 105.5 107.1 147.1#
77 89.3 73.9 113.9



#35
Caprolactam
Concen: 0.59 ng
RT: 9.45 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:113 Resp: 757
Ion Ratio Lower Upper
113 100
55 789.2 169.7 209.7#
56 308.9 122.5 162.5#

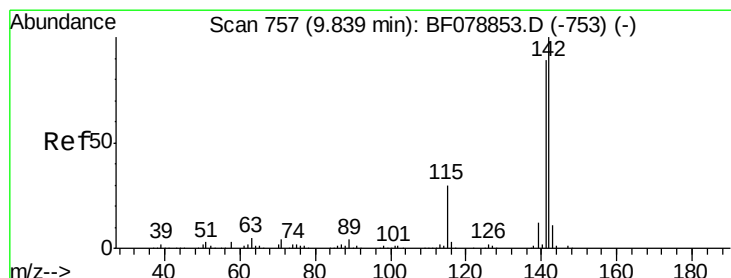
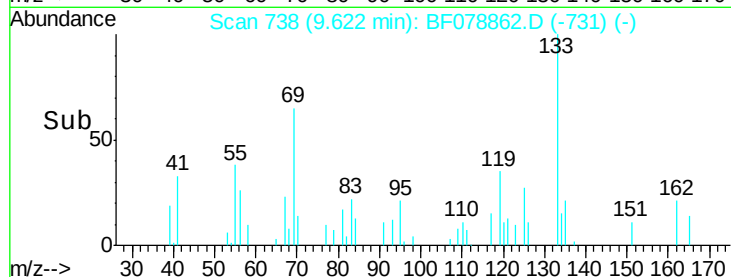
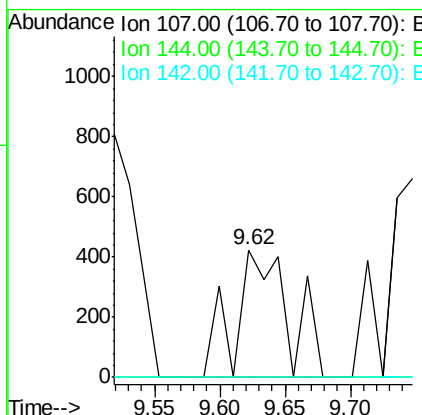
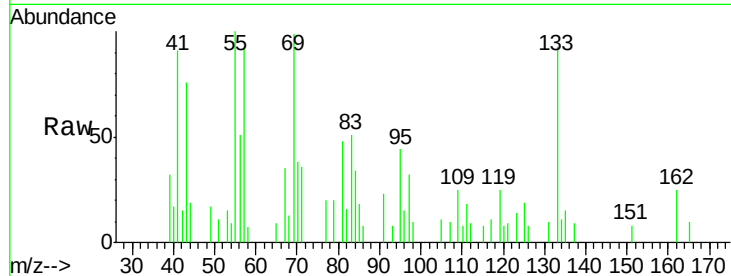




#36
 4-Chloro-3-methylphenol
 Concen: 0.29 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

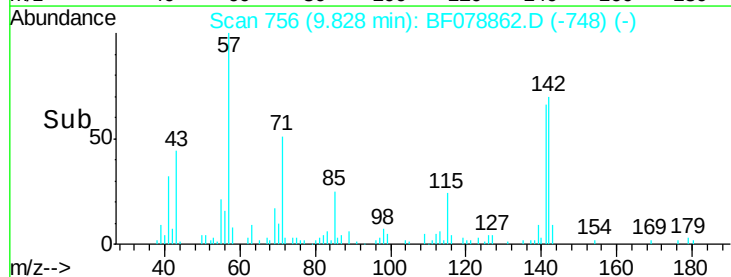
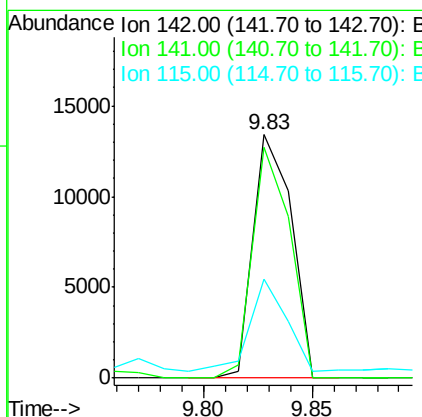
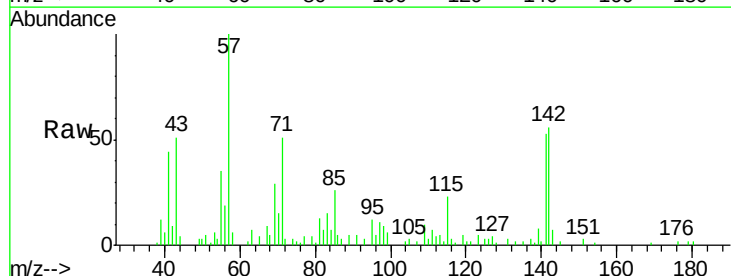
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

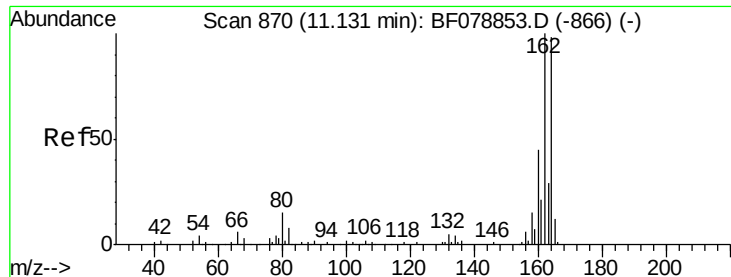
Tgt Ion:107 Resp: 1230
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 60.6 91.0#



#37
 2-Methylnaphthalene
 Concen: 1.60 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion:142 Resp: 16527
 Ion Ratio Lower Upper
 142 100
 141 94.9 70.9 106.3
 115 40.4 28.5 42.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

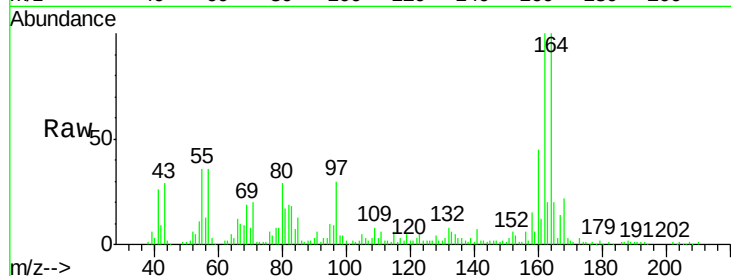
Tgt Ion:164 Resp: 147050

Ion Ratio Lower Upper

164 100

162 100.1 82.7 124.1

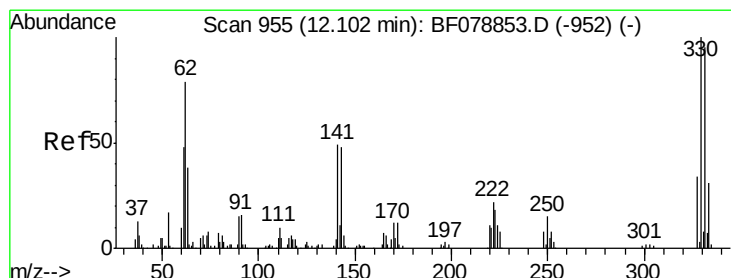
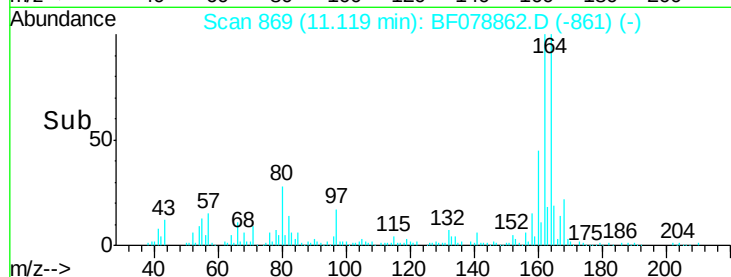
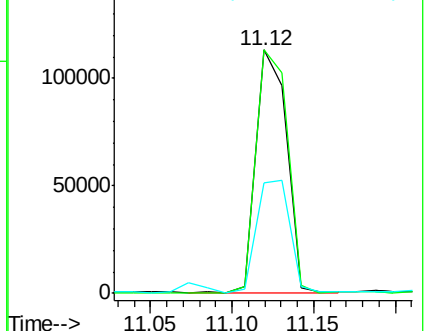
160 45.3 35.8 53.8



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: 50.57 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

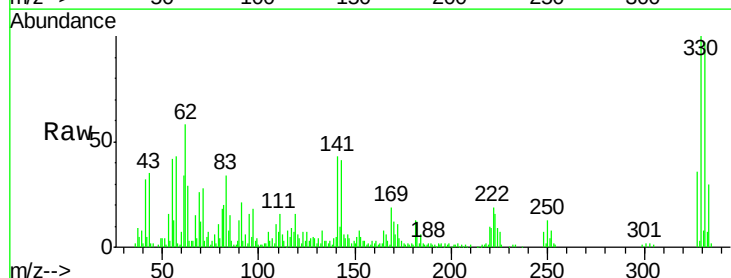
Tgt Ion:330 Resp: 80445

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

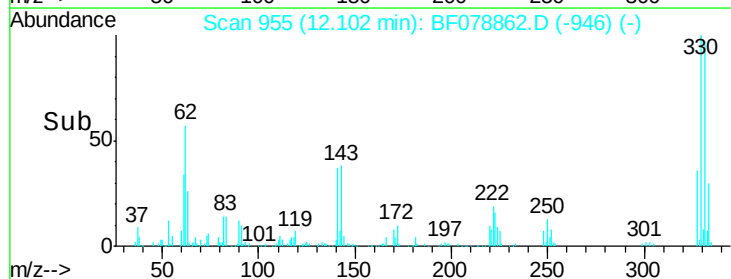
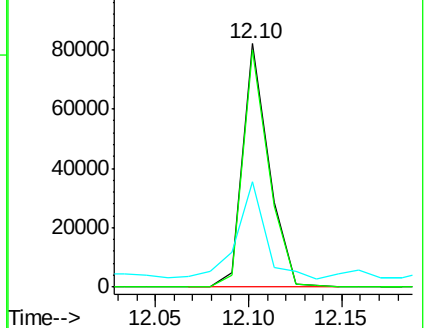
141 43.4 0.0 0.0#

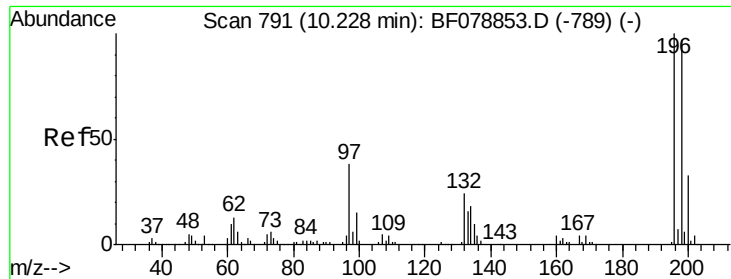


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

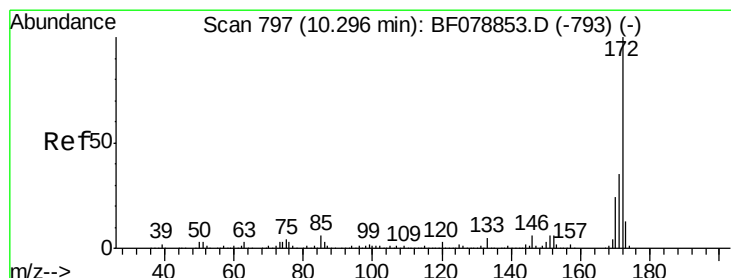
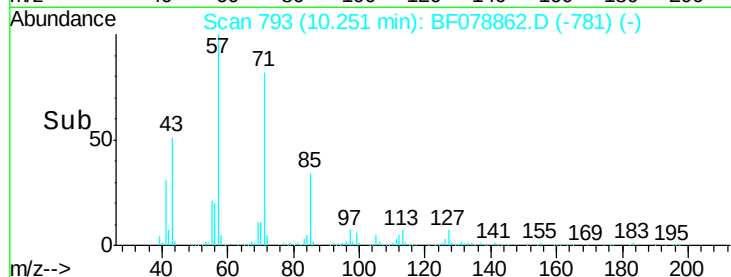
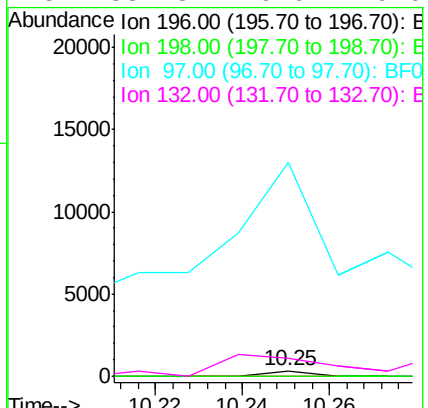
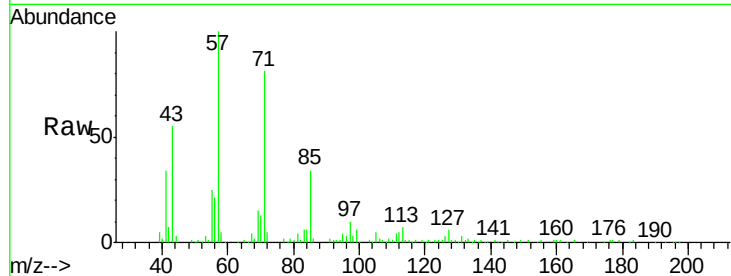




#43
 2,4,5-Trichlorophenol
 Concen: 0.08 ng
 RT: 10.25 min Scan# 793
 Delta R.T. 0.03 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

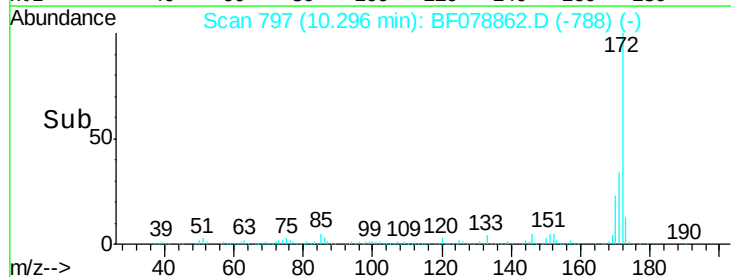
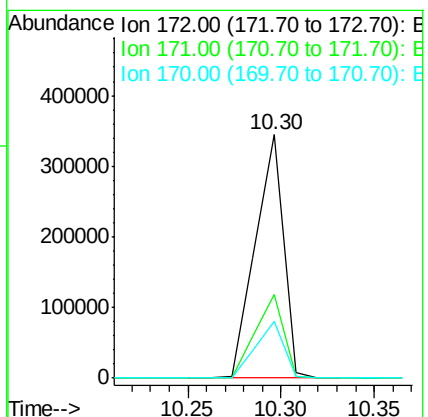
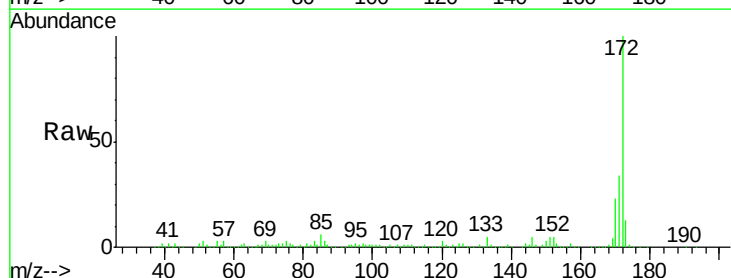
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

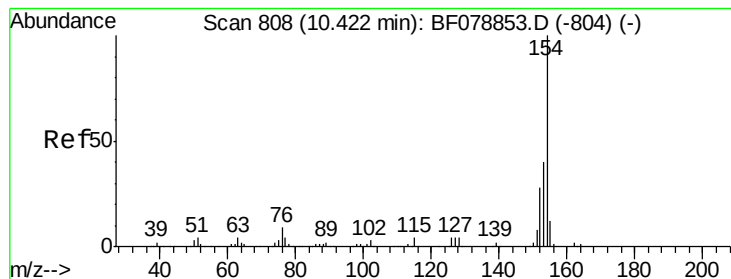
Tgt Ion:196 Resp: 228
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.8 119.6#
 97 3901.8 46.0 69.0#
 132 334.8 26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 34.04 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion:172 Resp: 359321
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.9 41.9
 170 23.4 19.4 29.0





#45

1,1'-Biphenyl

Concen: 0.89 ng

RT: 10.41 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

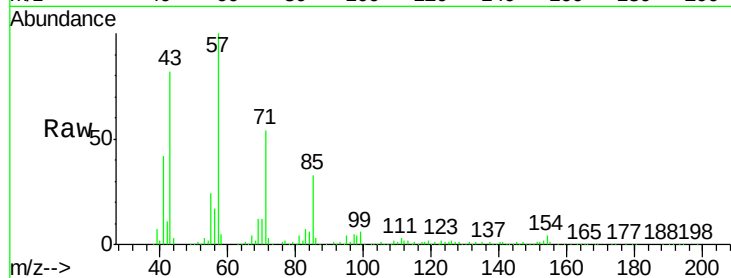
Tgt Ion:154 Resp: 10347

Ion Ratio Lower Upper

154 100

153 41.1 19.9 59.9

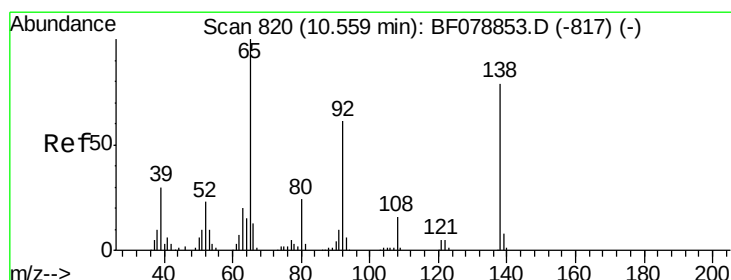
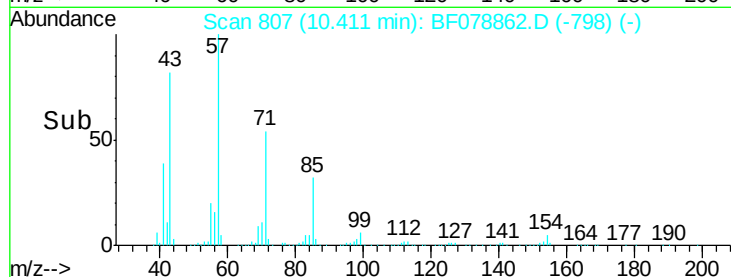
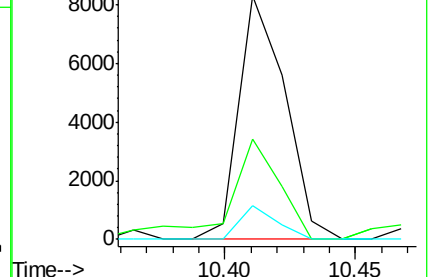
76 14.1 0.0 35.0



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: 0.25 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

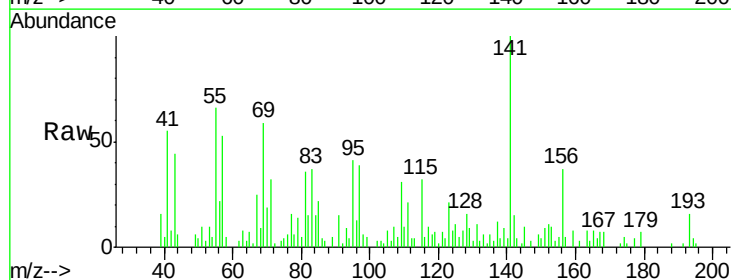
Tgt Ion: 65 Resp: 669

Ion Ratio Lower Upper

65 100

92 30.4 54.0 81.0#

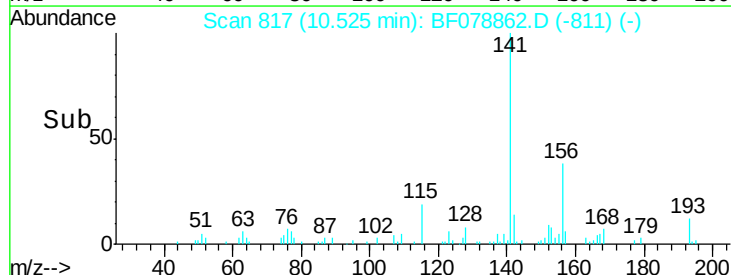
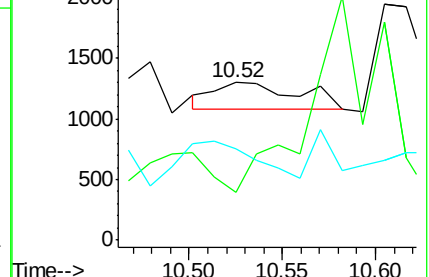
138 57.6 75.0 112.6#

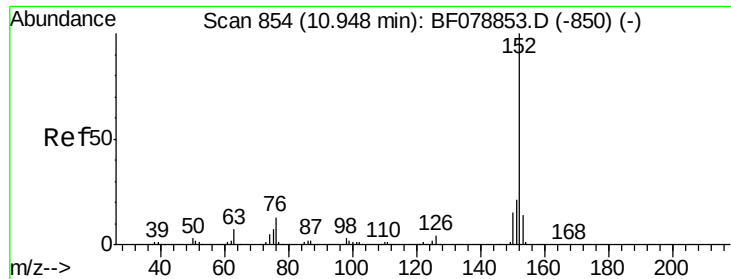


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.34 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

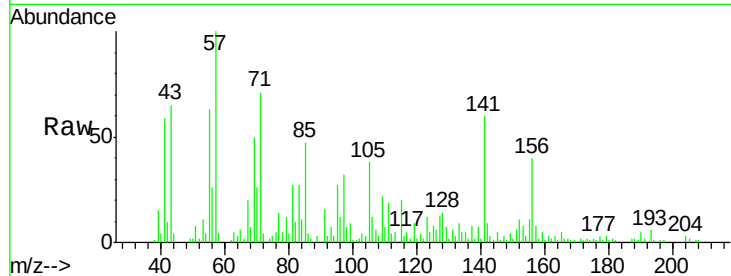
Tgt Ion:152 Resp: 5090

Ion Ratio Lower Upper

152 100

151 59.9 16.2 24.4#

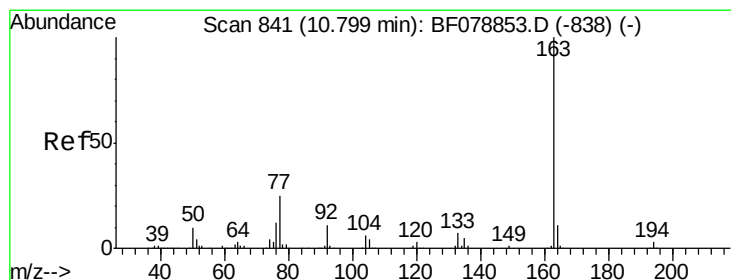
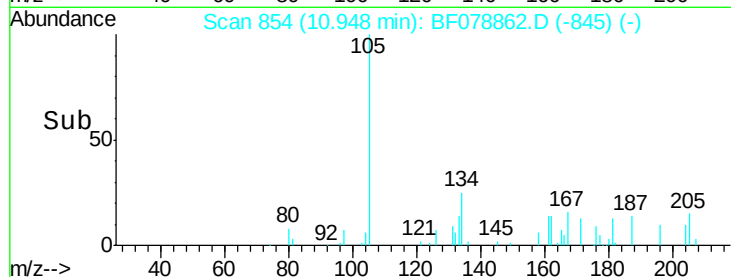
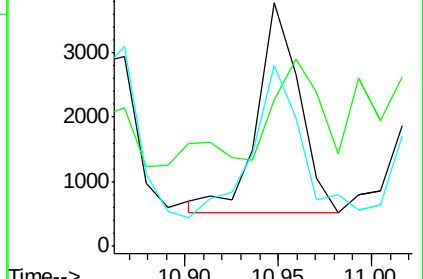
153 74.5 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.10 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

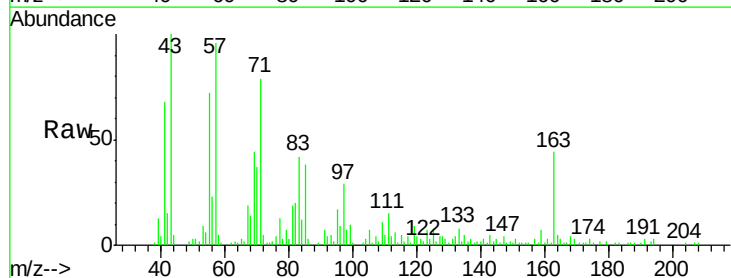
Tgt Ion:163 Resp: 22705

Ion Ratio Lower Upper

163 100

194 5.9 2.6 4.0#

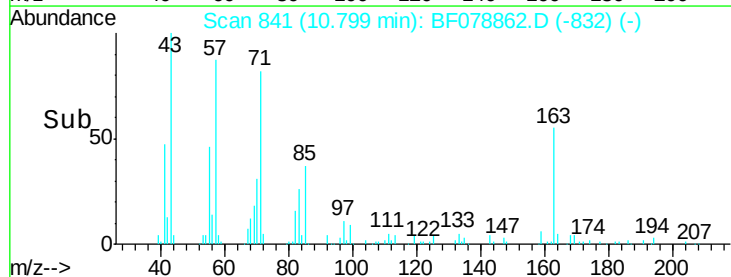
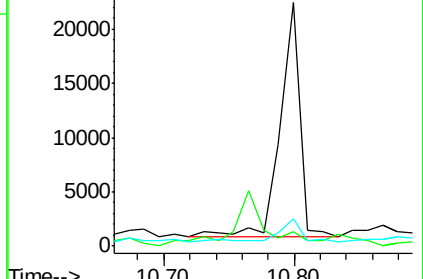
164 11.5 8.1 12.1

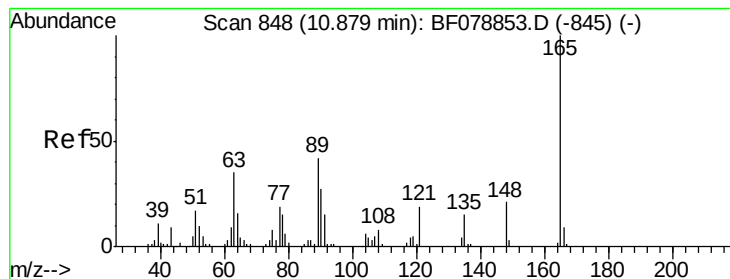


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.43 ng

RT: 10.84 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

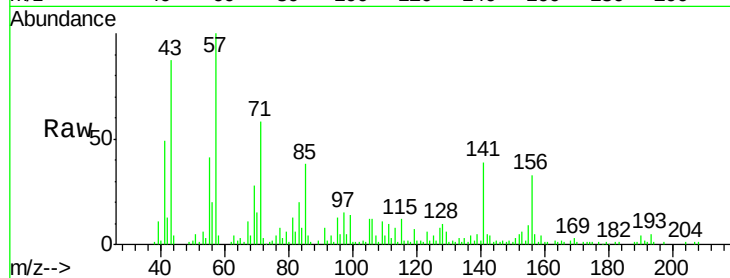
Tgt Ion:165 Resp: 915

Ion Ratio Lower Upper

165 100

63 180.9 54.4 81.6#

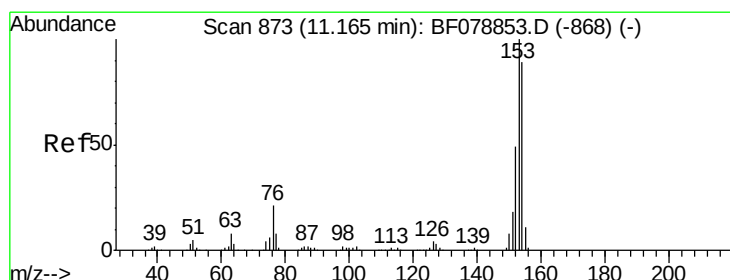
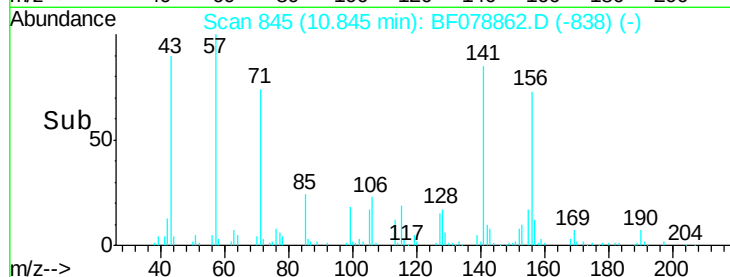
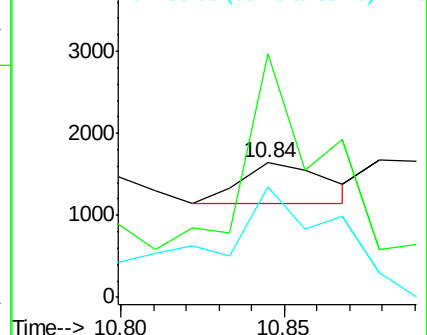
89 82.5 55.7 83.5



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: 0.77 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

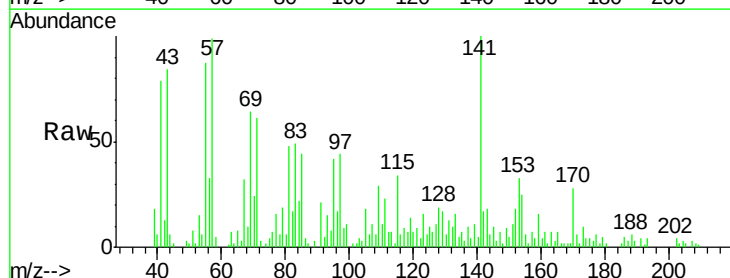
Tgt Ion:154 Resp: 6880

Ion Ratio Lower Upper

154 100

153 129.6 91.5 137.3

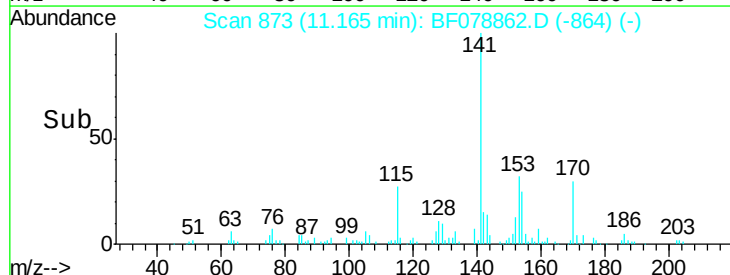
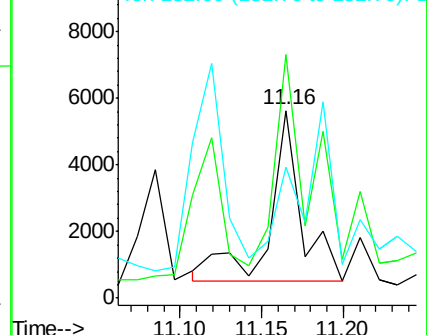
152 69.8 44.2 66.4#

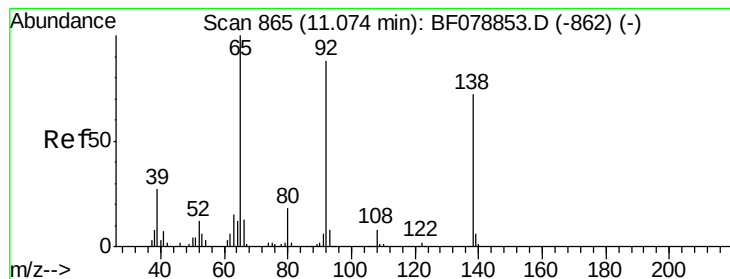


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.51 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

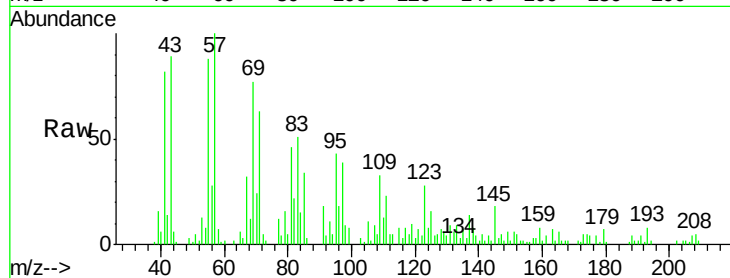
Tgt Ion:138 Resp: 1363

Ion Ratio Lower Upper

138 100

108 59.6 10.6 16.0#

92 47.1 81.8 122.6#

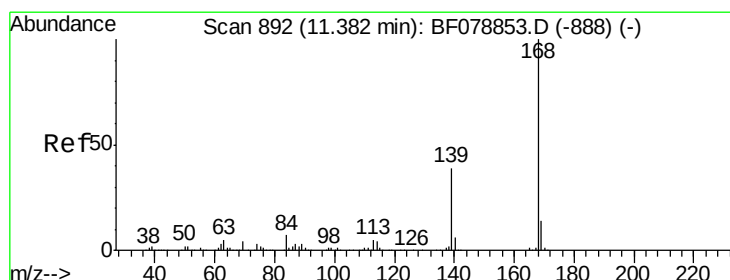
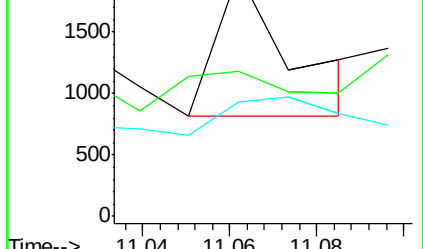
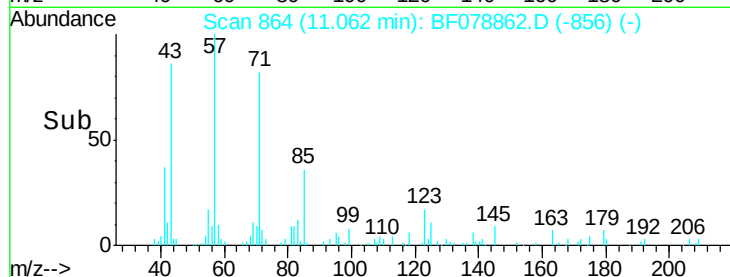


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#54

Dibenzofuran

Concen: 1.28 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

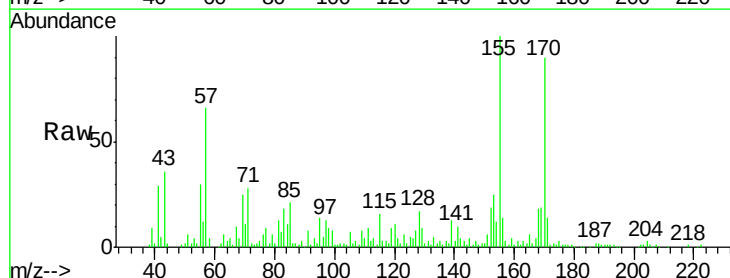
Tgt Ion:168 Resp: 16505

Ion Ratio Lower Upper

168 100

139 70.3 31.0 46.4#

169 106.6 10.6 16.0#

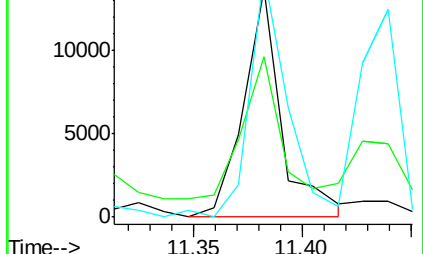
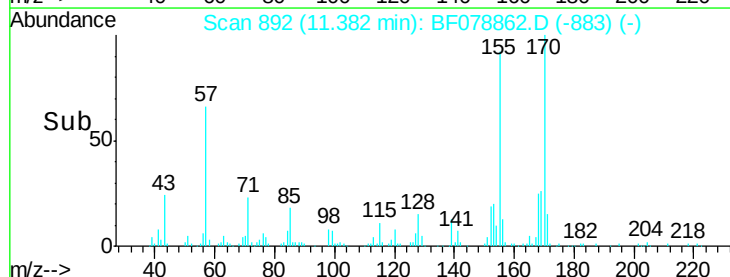


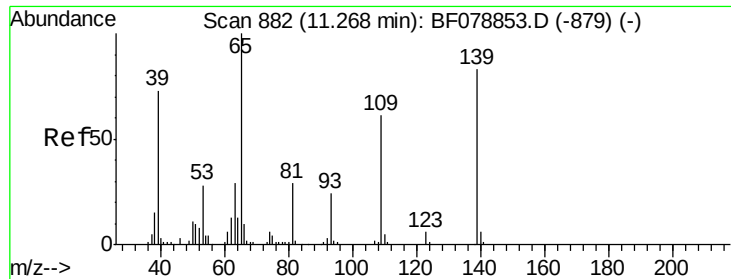
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->

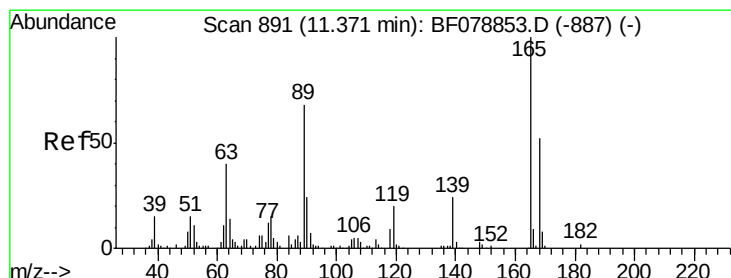
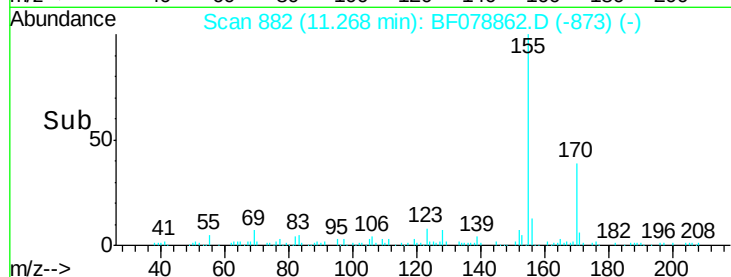
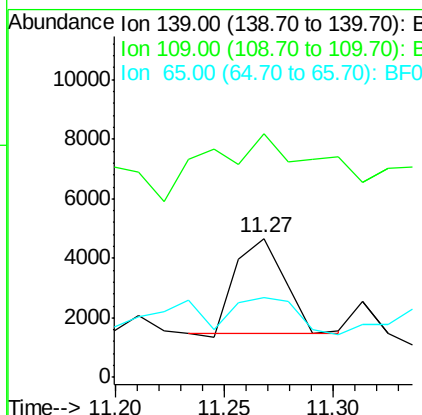
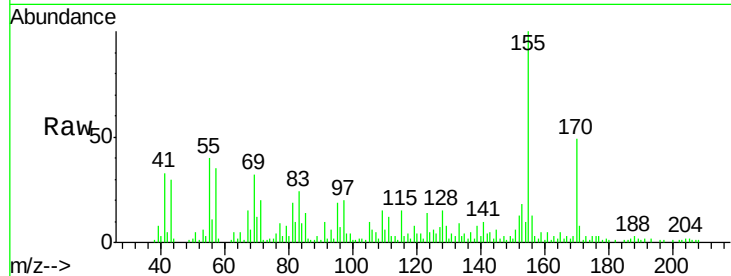




#55
4-Nitrophenol
Concen: 2.40 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

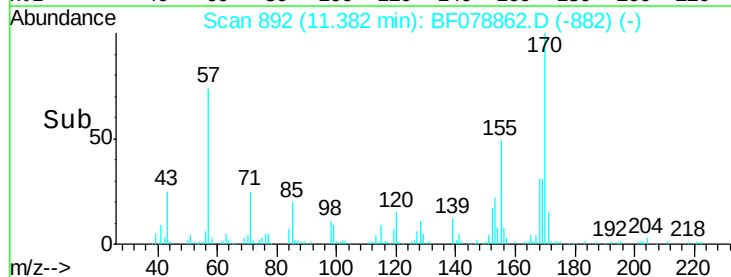
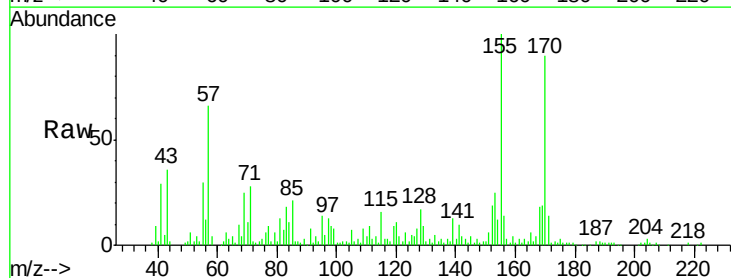
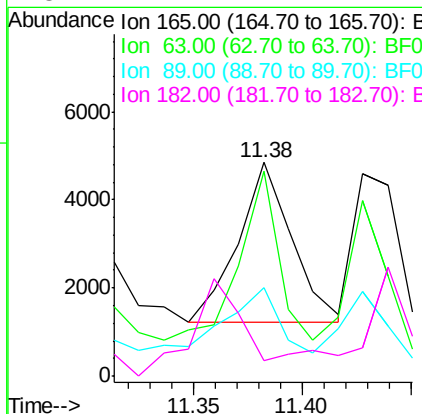
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

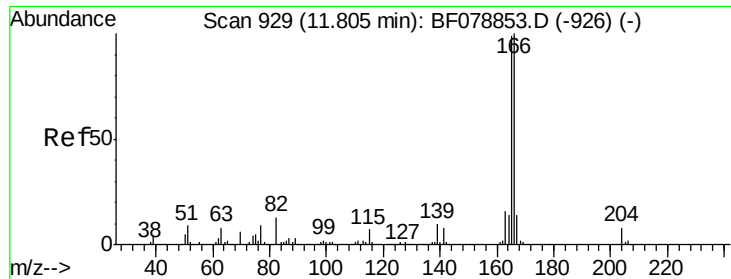
Tgt Ion:139 Resp: 5047
Ion Ratio Lower Upper
139 100
109 175.0 47.6 87.6#
65 57.7 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:165 Resp: 6250
Ion Ratio Lower Upper
165 100
63 95.7 51.2 76.8#
89 41.1 82.7 124.1#
182 7.4 1.4 2.2#

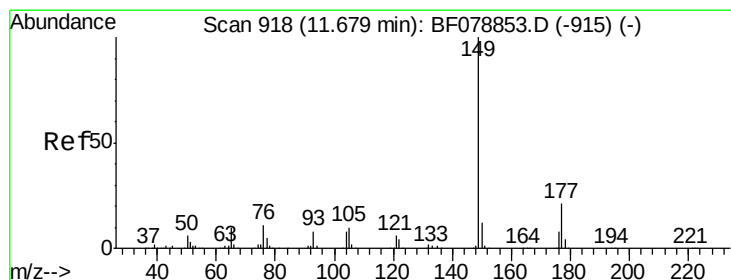
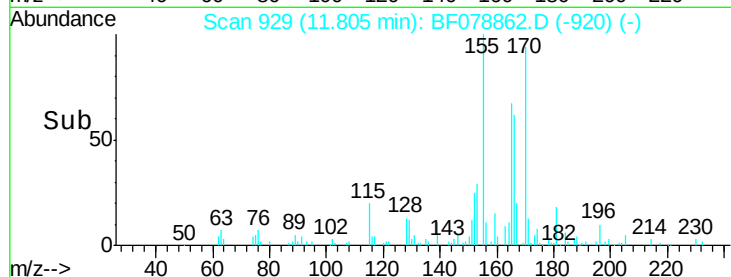
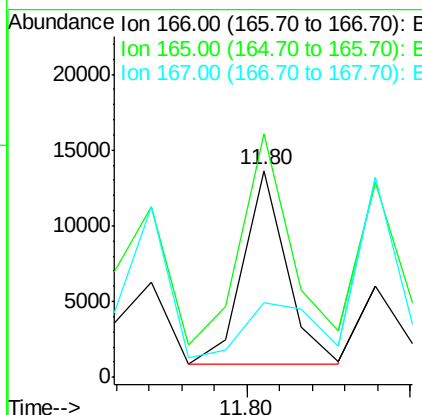
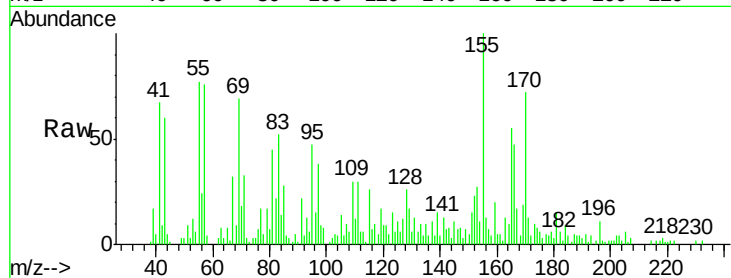




#57
 Fluorene
 Concen: 1.10 ng
 RT: 11.80 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

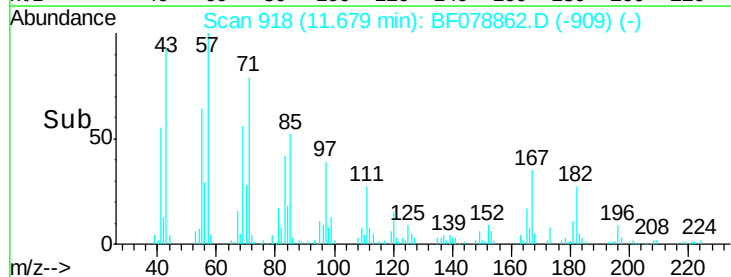
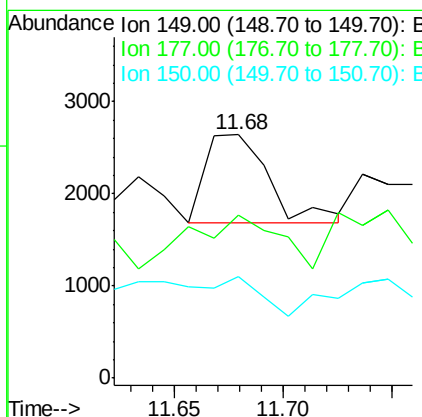
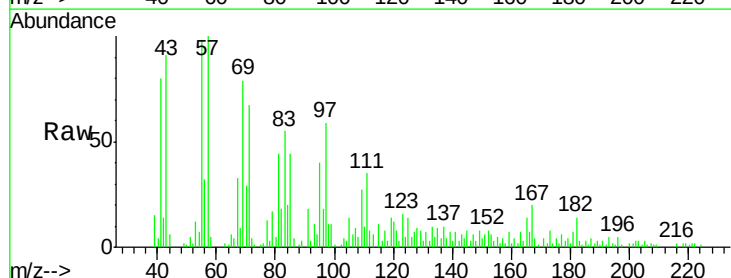
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

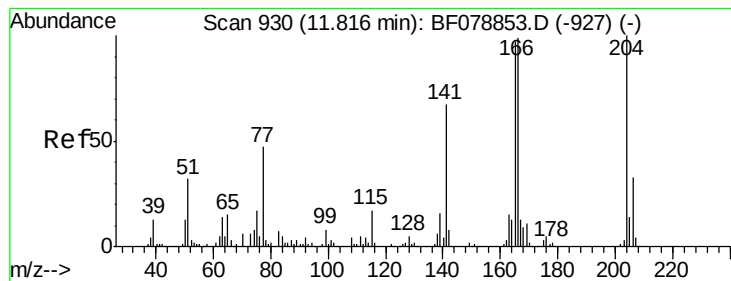
Tgt Ion:166 Resp: 11595
 Ion Ratio Lower Upper
 166 100
 165 117.7 78.5 117.7#
 167 36.0 11.0 16.6#



#59
 Diethylphthalate
 Concen: 0.18 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion:149 Resp: 1957
 Ion Ratio Lower Upper
 149 100
 177 67.2 17.5 26.3#
 150 41.8 9.6 14.4#





#60

4-Chlorophenyl-phenylether

Concen: 0.13 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

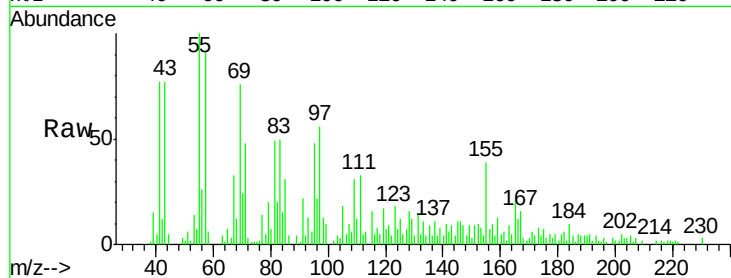
Tgt Ion: 204 Resp: 625

Ion Ratio Lower Upper

204 100

206 49.1 26.9 40.3#

141 388.9 48.3 72.5#



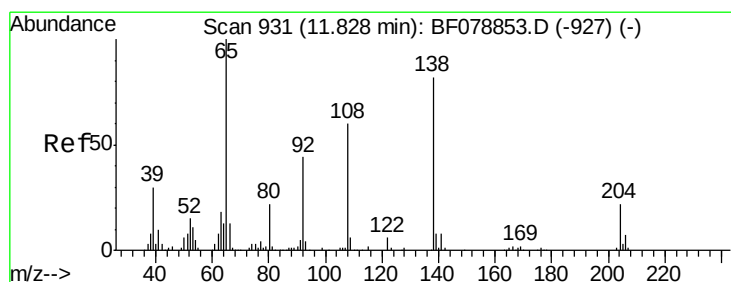
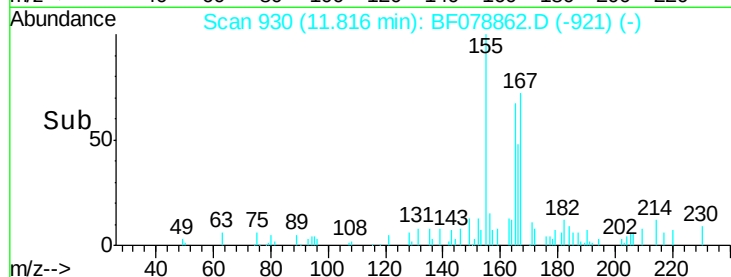
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

11.82

Time--> 11.75 11.80 11.85



#61

4-Nitroaniline

Concen: 0.21 ng

RT: 11.85 min Scan# 933

Delta R.T. 0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

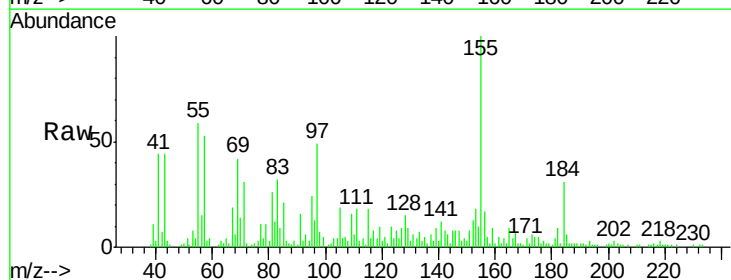
Tgt Ion: 138 Resp: 569

Ion Ratio Lower Upper

138 100

92 126.8 28.0 68.0#

108 102.3 56.3 96.3#



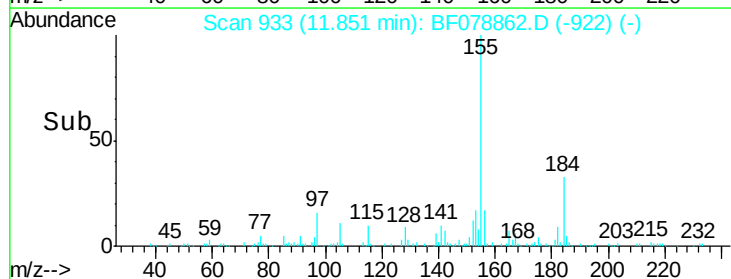
Abundance Ion 138.00 (137.70 to 138.70): E

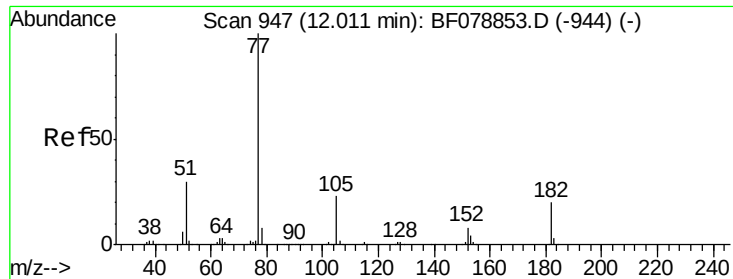
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

11.85

Time--> 11.80 11.85





#62

Azobenzene

Concen: 0.51 ng

RT: 12.02 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

Tgt Ion: 77 Resp: 5415

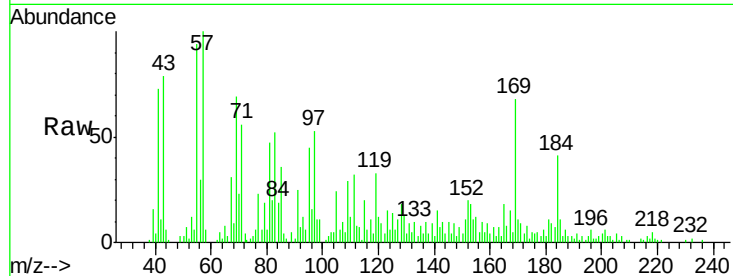
Ion Ratio Lower Upper

77 100

182 38.4 3.8 43.8

105 106.7 3.9 43.9#

51 32.4 10.8 50.8

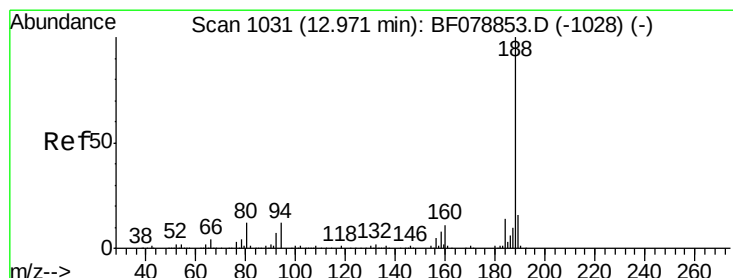
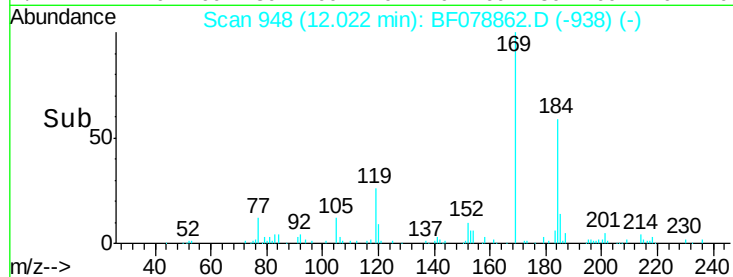
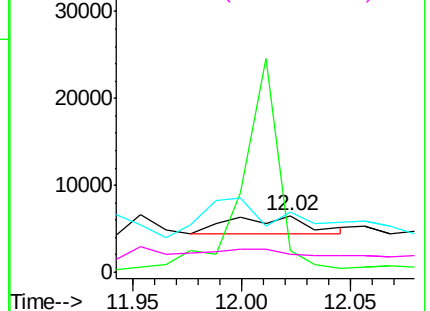


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

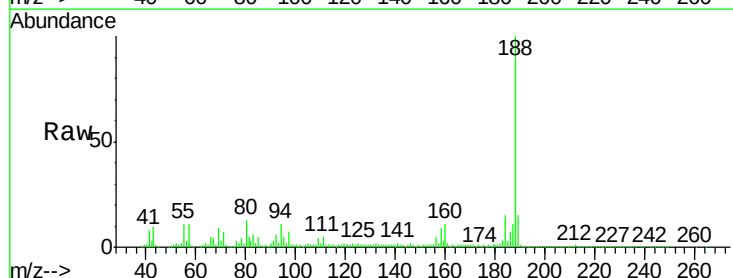
Tgt Ion: 188 Resp: 289214

Ion Ratio Lower Upper

188 100

94 11.4 8.2 12.2

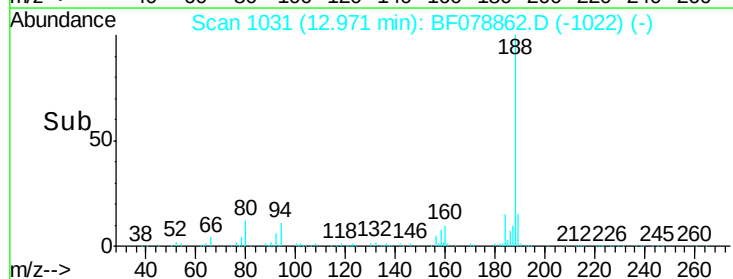
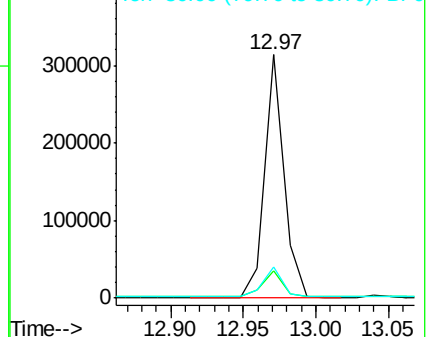
80 12.7 8.9 13.3

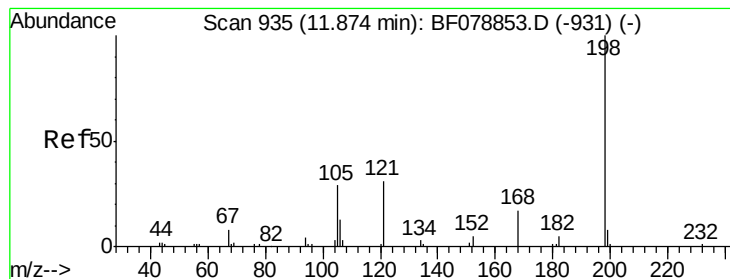


Abundance Ion 188.00 (187.70 to 188.70): E

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: 1.15 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

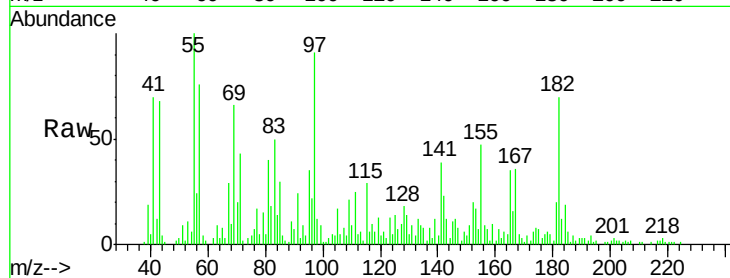
Tgt Ion:198 Resp: 354

Ion Ratio Lower Upper

198 100

51 621.9 47.3 87.3#

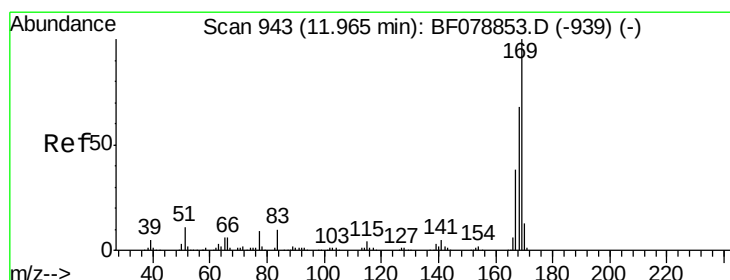
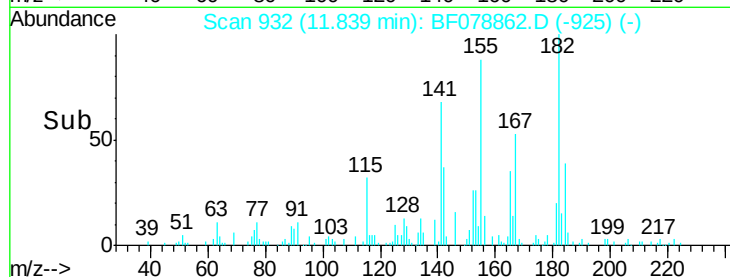
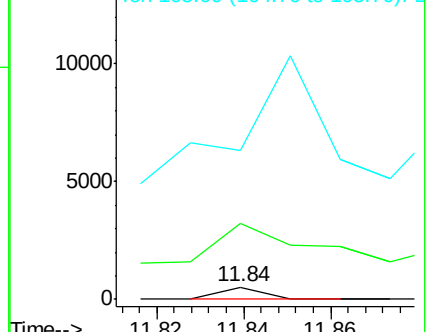
105 1230.2 38.8 78.8#



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: 5.84 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

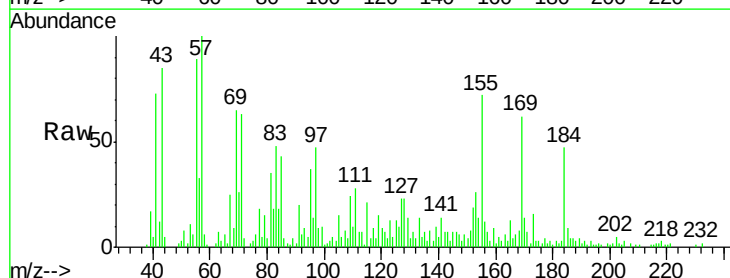
Tgt Ion:169 Resp: 56202

Ion Ratio Lower Upper

169 100

168 12.2 54.6 82.0#

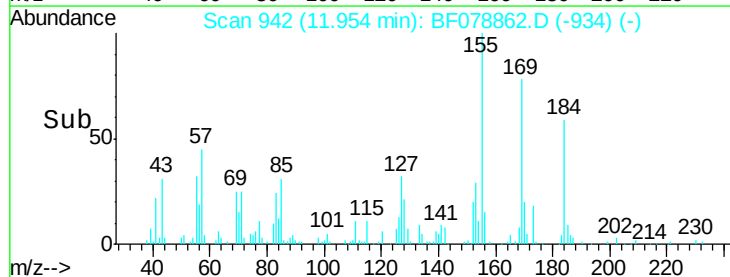
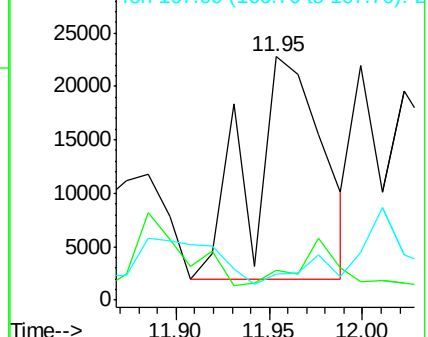
167 10.4 30.6 45.8#

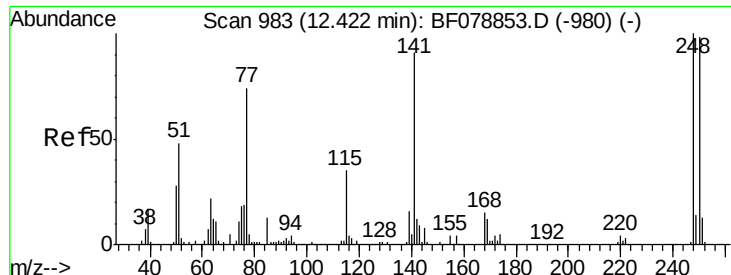


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

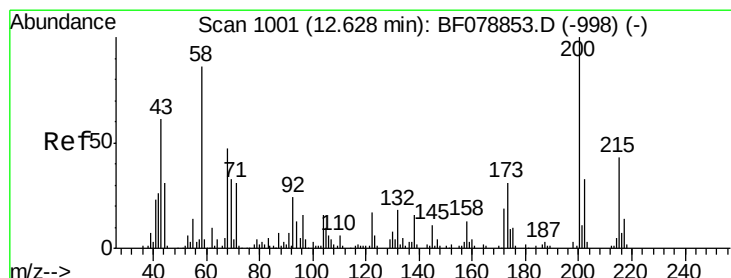
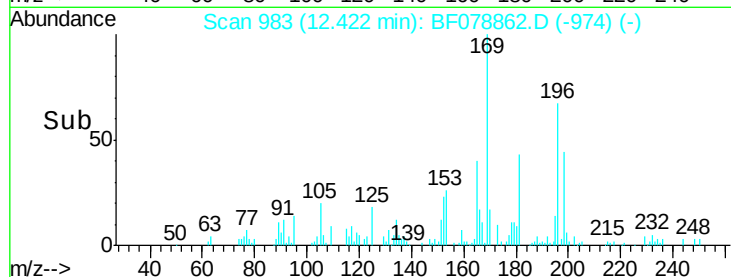
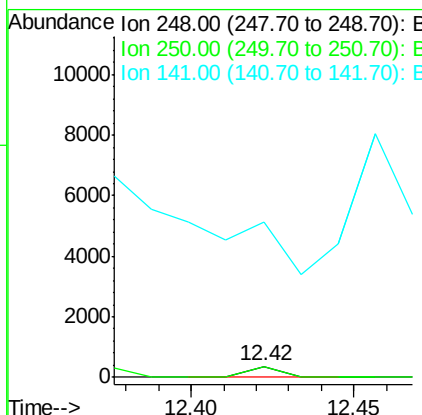
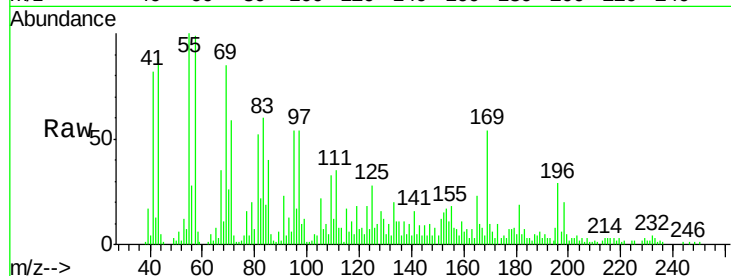




#66
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 12.42 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

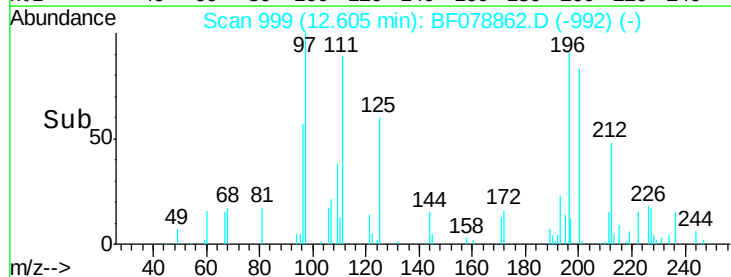
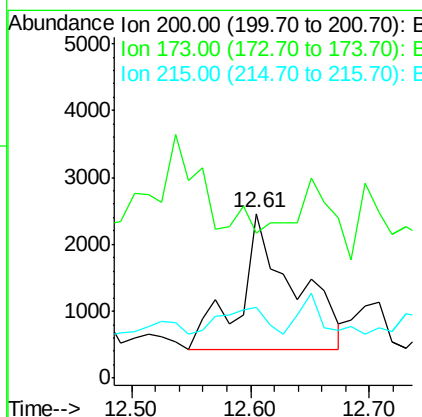
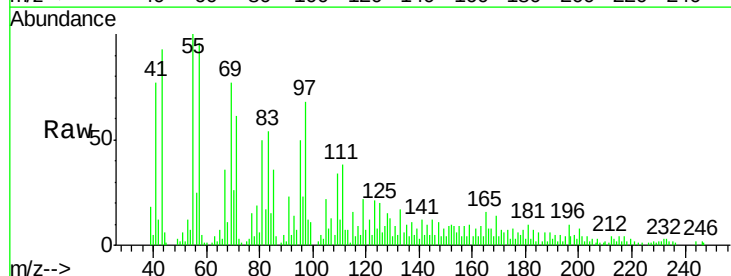
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

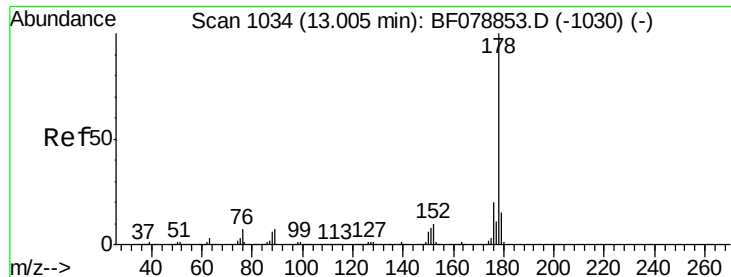
Tgt Ion:248 Resp: 248
Ion Ratio Lower Upper
248 100
250 91.7 77.1 115.7
141 1418.2 58.8 88.2#



#68
Atrazine
Concen: 2.34 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:200 Resp: 6567
Ion Ratio Lower Upper
200 100
173 88.1 8.1 48.1#
215 42.8 22.9 62.9

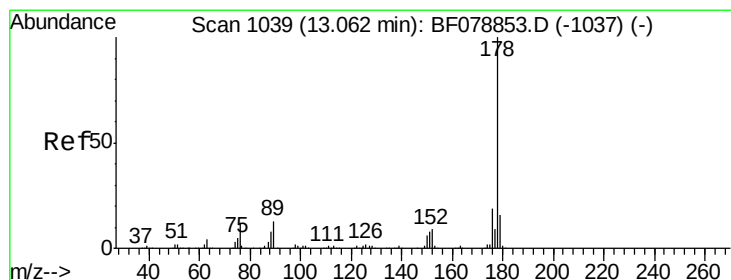
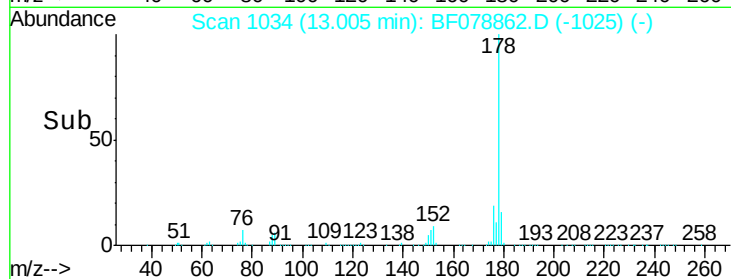
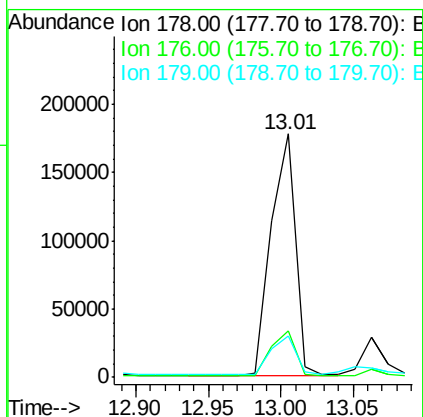
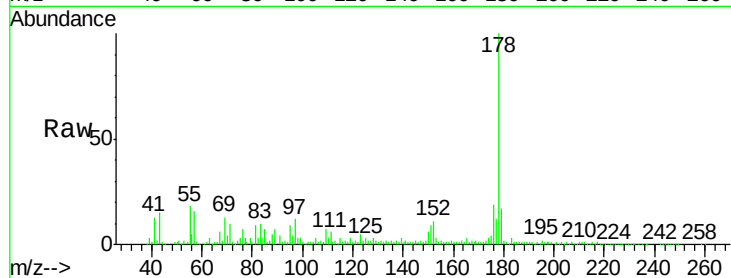




#70
Phenanthrene
Concen: 12.77 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

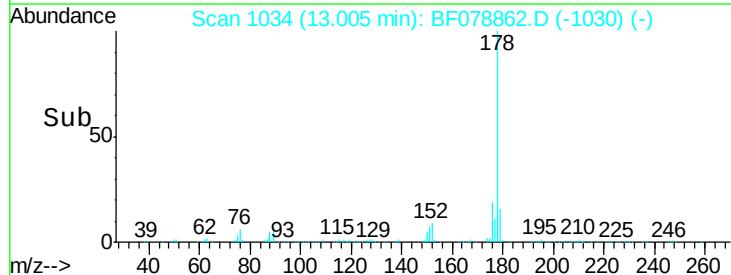
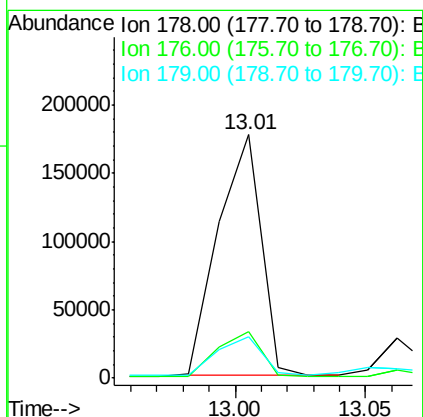
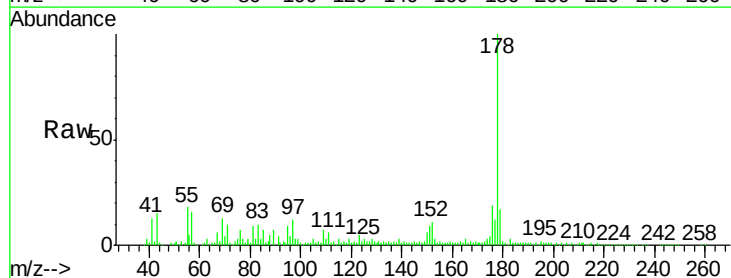
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

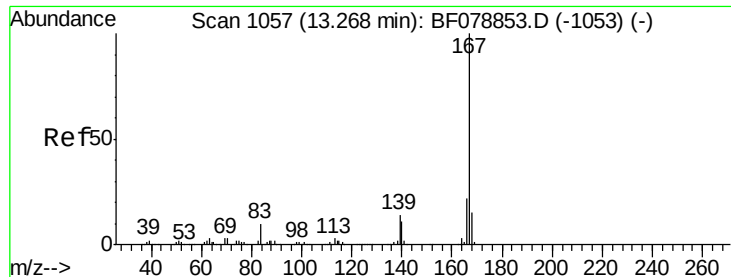
Tgt Ion:178 Resp: 206668
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.8 12.5 18.7



#71
Anthracene
Concen: 12.73 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:178 Resp: 202119
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.8 12.7 19.1





#72

Carbazole

Concen: 1.26 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

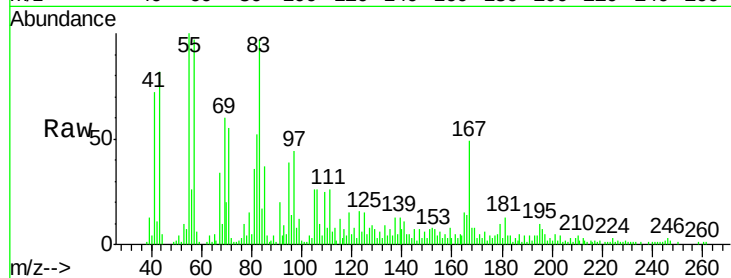
Tgt Ion:167 Resp: 19092

Ion Ratio Lower Upper

167 100

166 29.1 17.8 26.8#

139 26.1 10.6 16.0#

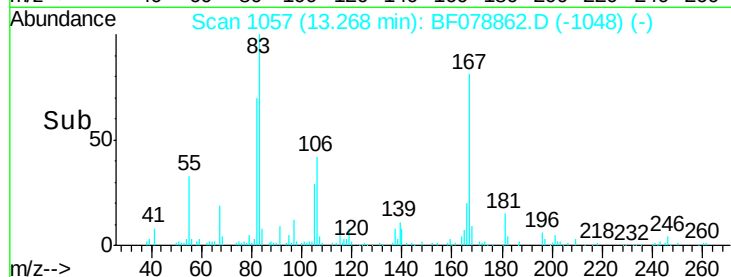


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



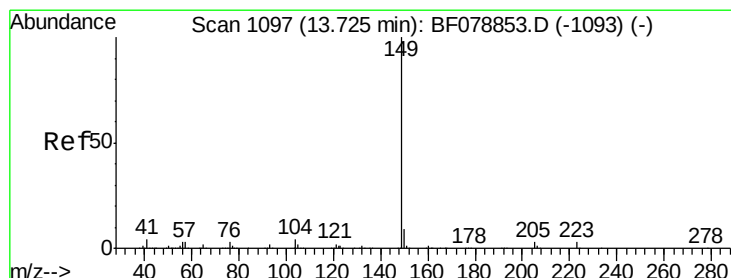
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

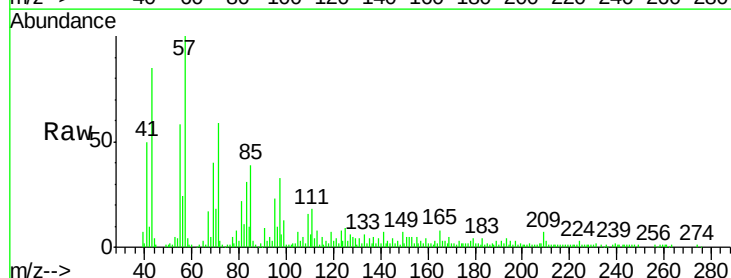
Tgt Ion:149 Resp: 4217

Ion Ratio Lower Upper

149 100

150 32.3 7.7 11.5#

104 23.3 4.6 7.0#

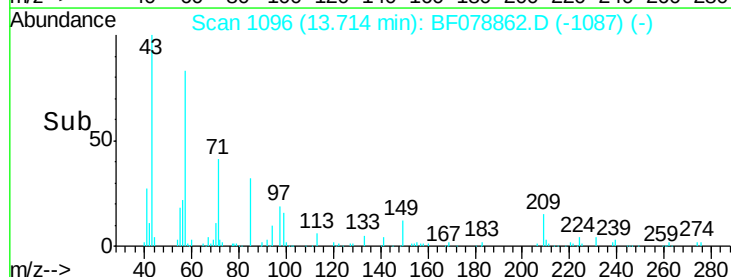


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



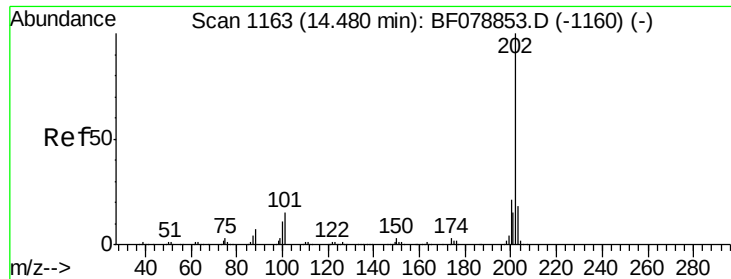
Abundance

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

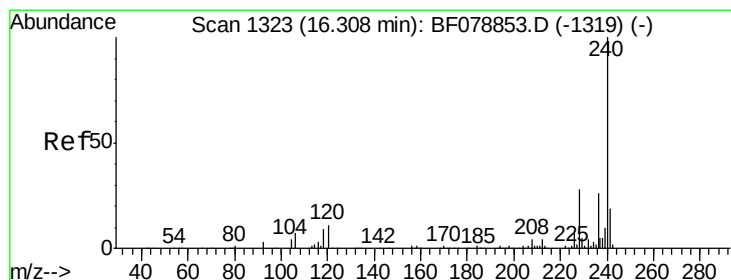
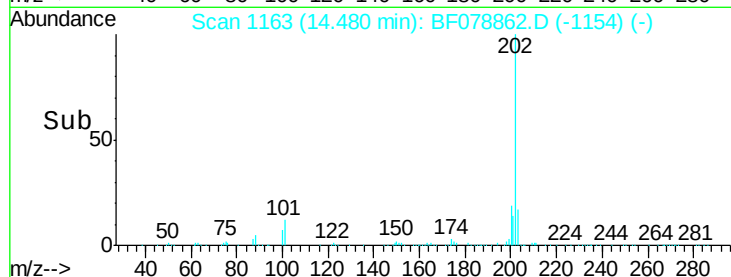
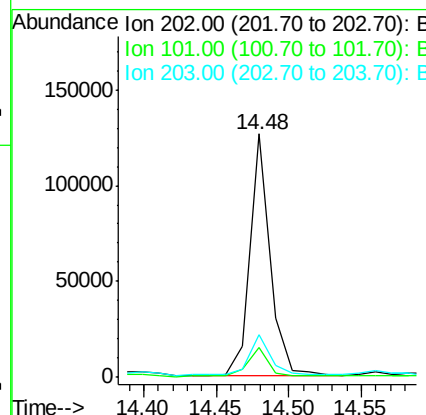
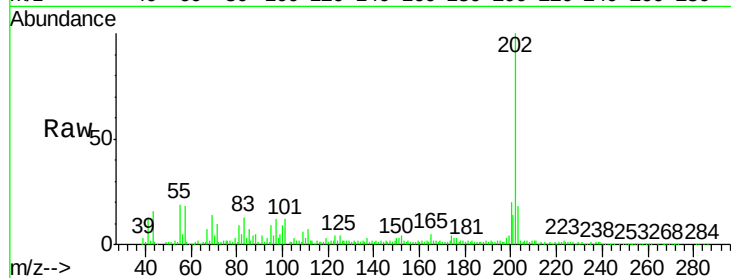
Time-->



#74
 Fluoranthene
 Concen: 7.17 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

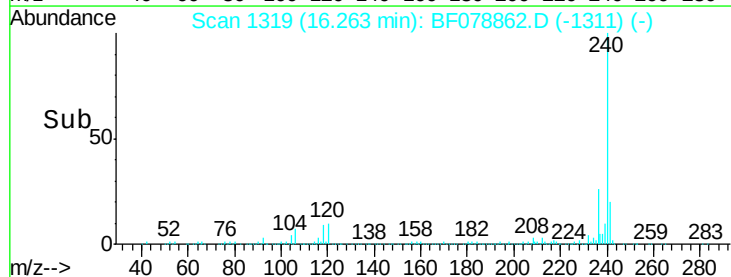
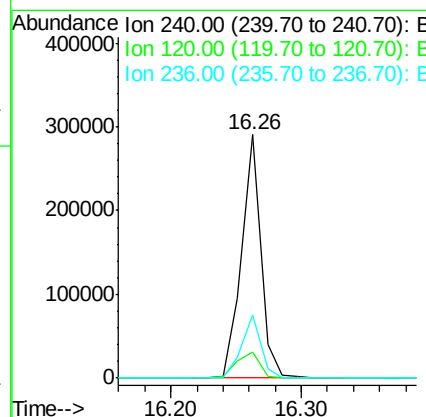
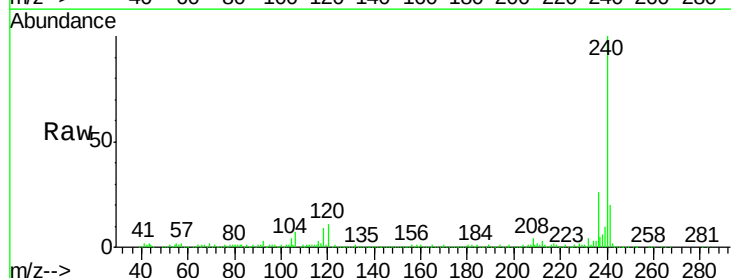
Instrument :
 BNA_F
 ClientSampleId :
 SINGSING-SS3-0-6

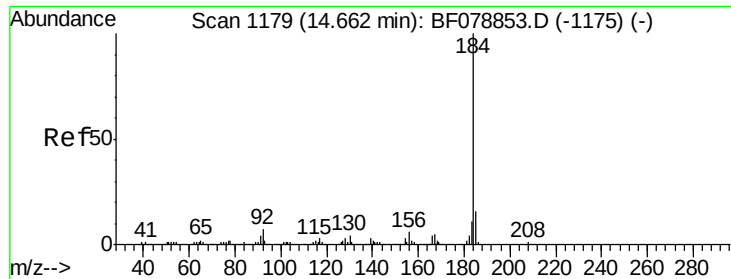
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	17.6	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078862.D
 Acq: 30 Apr 2015 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.7	14.5
236	25.8	20.2	30.4





#76

Benzidine

Concen: 0.02 ng

RT: 14.62 min Scan# 1175

Delta R.T. -0.05 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSing-SS3-0-6

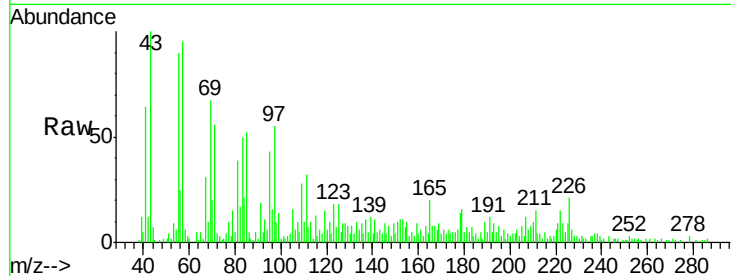
Tgt Ion:184 Resp: 171

Ion Ratio Lower Upper

184 100

185 109.0 12.3 18.5#

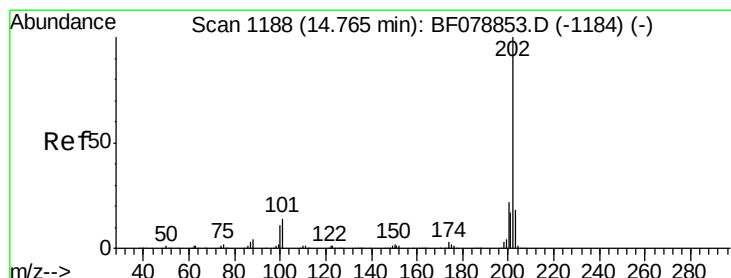
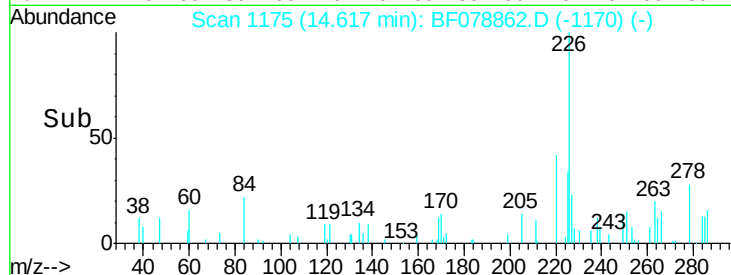
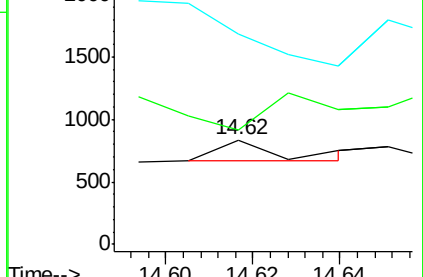
183 200.8 8.4 12.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 5.98 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

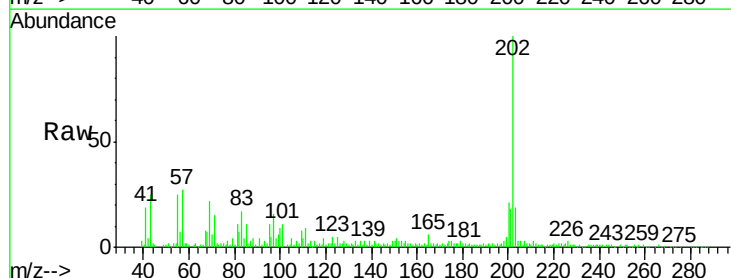
Tgt Ion:202 Resp: 103250

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

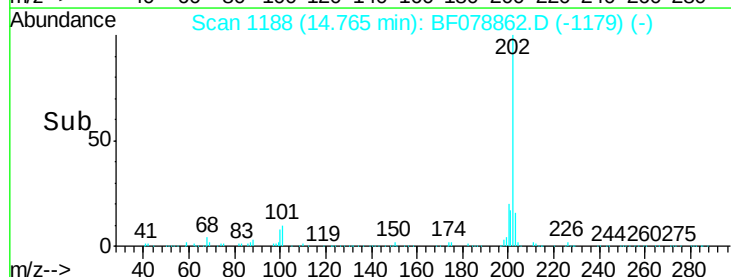
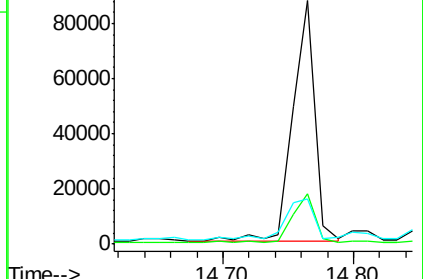
203 18.6 13.9 20.9

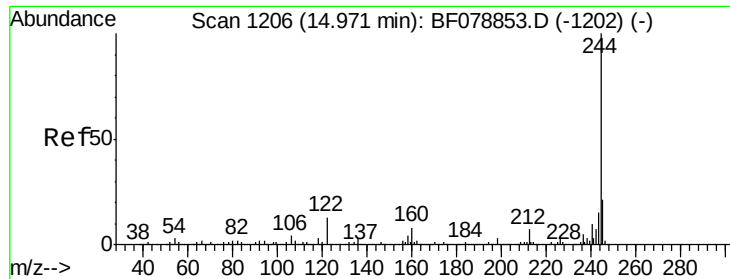


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 34.88 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

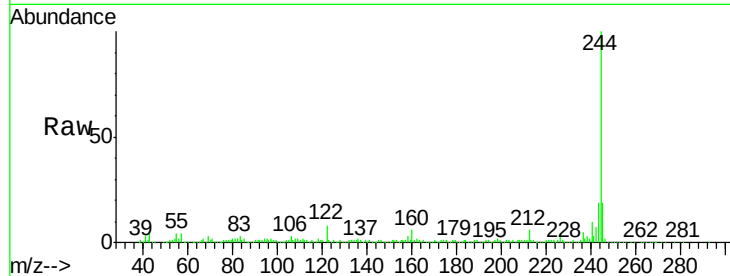
Tgt Ion:244 Resp: 436212

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

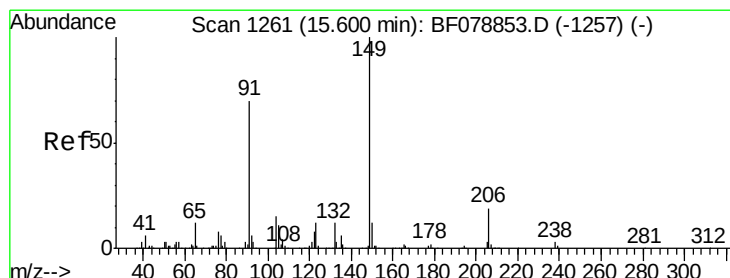
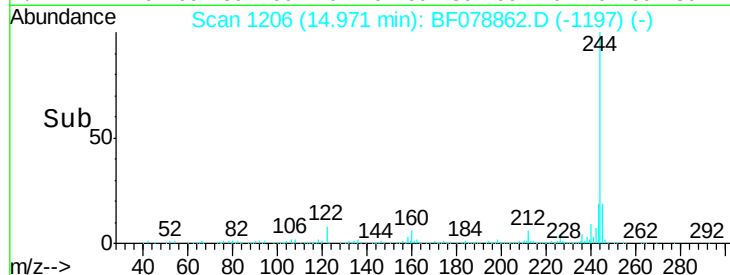
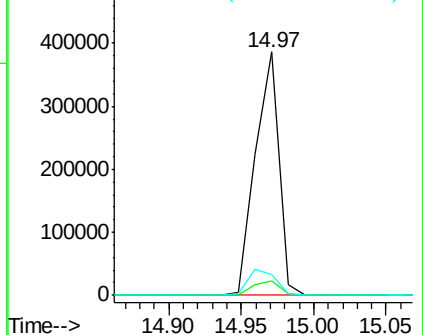
122 8.4 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.27 ng

RT: 15.59 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

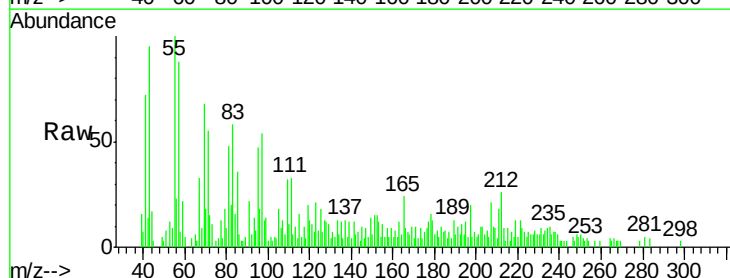
Tgt Ion:149 Resp: 2040

Ion Ratio Lower Upper

149 100

91 161.8 64.6 97.0#

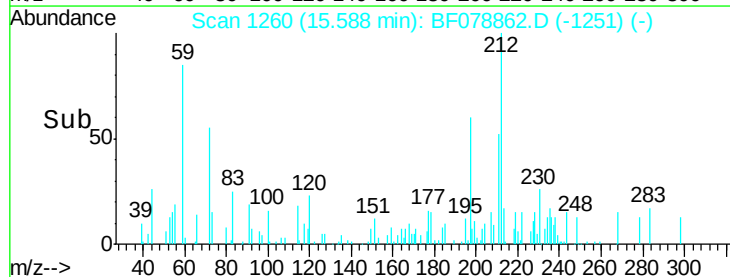
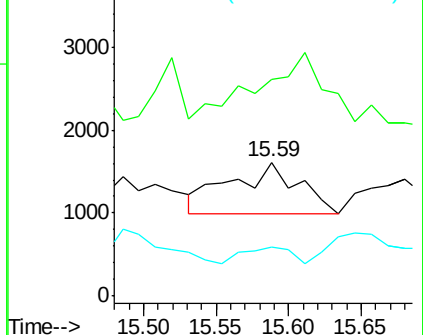
206 36.8 12.2 18.4#

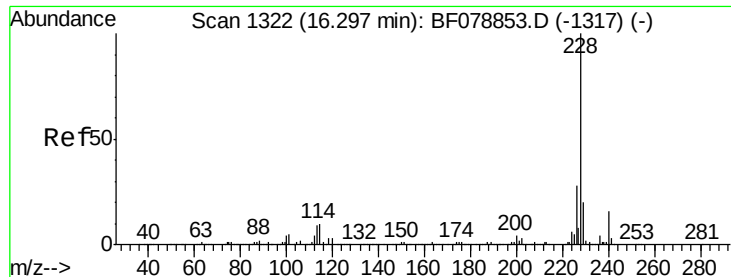


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.91 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

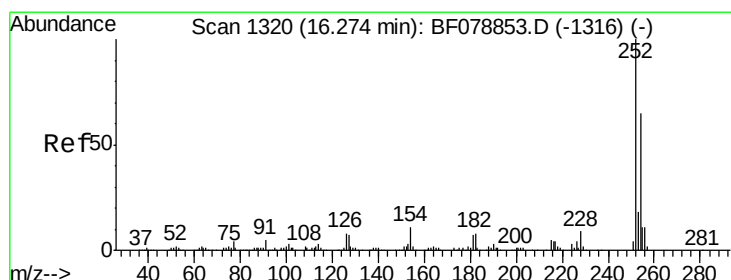
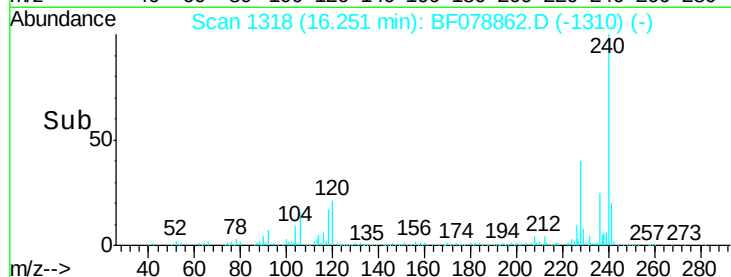
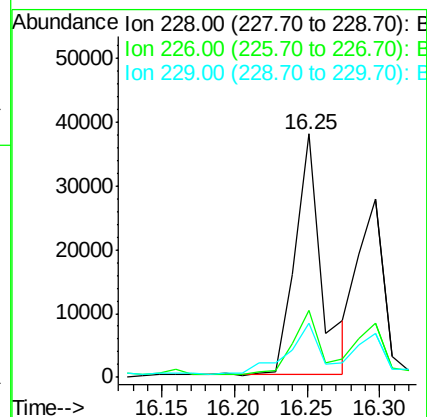
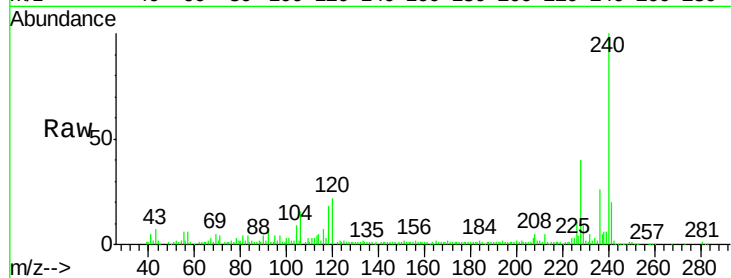
Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

Tgt Ion:	228	Resp:	47716
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.0	15.9	23.9



#81

3,3'-Dichlorobenzidine

Concen: 0.20 ng

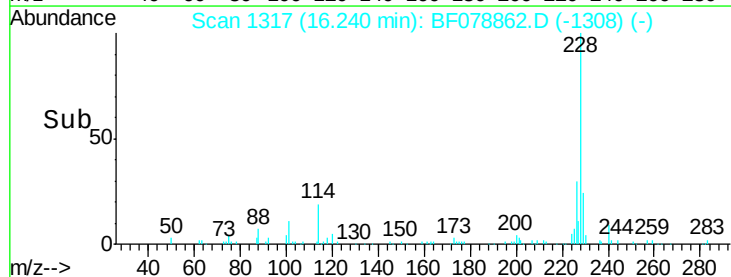
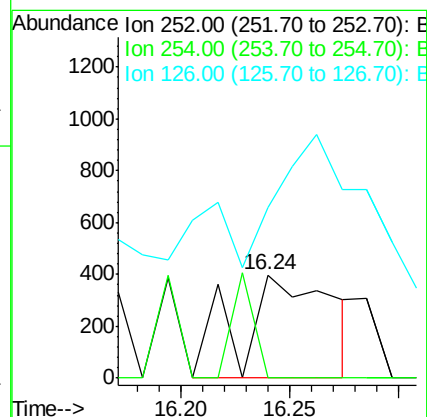
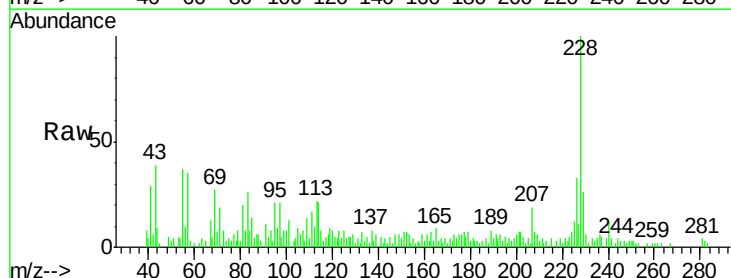
RT: 16.24 min Scan# 1317

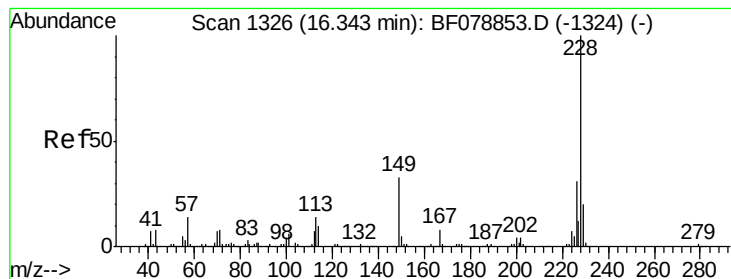
Delta R.T. -0.00 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Tgt Ion:	252	Resp:	1172
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	166.2	6.6	10.0#





#82

Chrysene

Concen: 2.95 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

Instrument :

BNA_F

ClientSampleId :

SINGSING-SS3-0-6

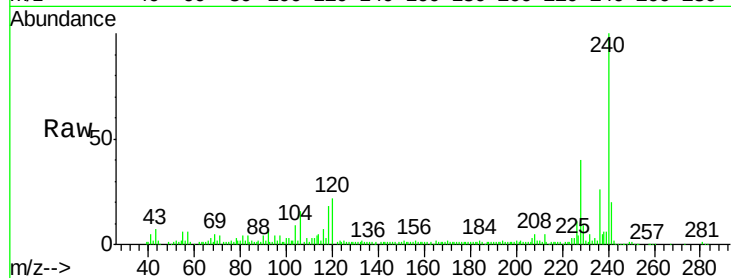
Tgt Ion:228 Resp: 46582

Ion Ratio Lower Upper

228 100

226 27.6 24.9 37.3

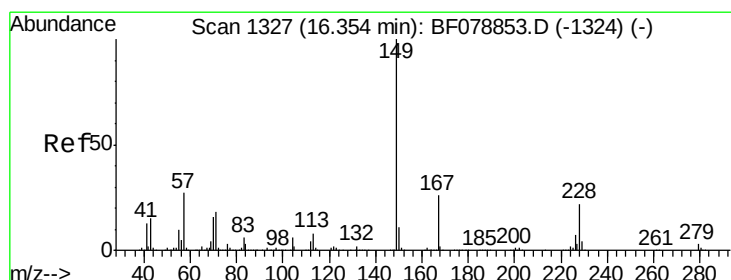
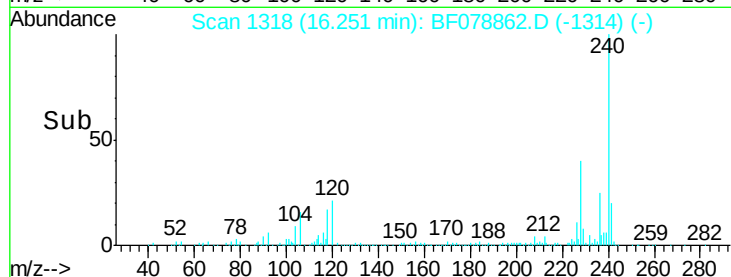
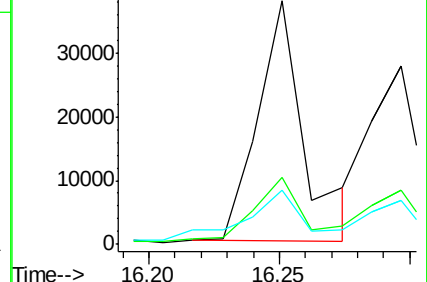
229 22.0 16.0 24.0



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: 1.07 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078862.D

Acq: 30 Apr 2015 22:15

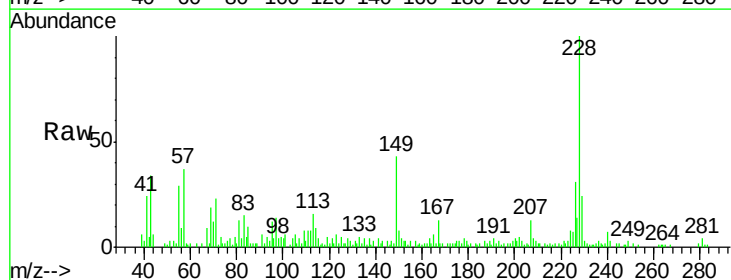
Tgt Ion:149 Resp: 12273

Ion Ratio Lower Upper

149 100

167 29.4 21.8 32.8

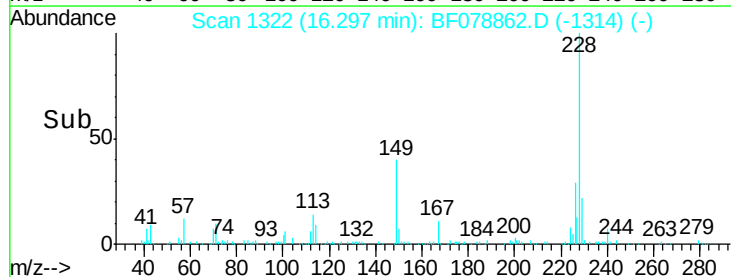
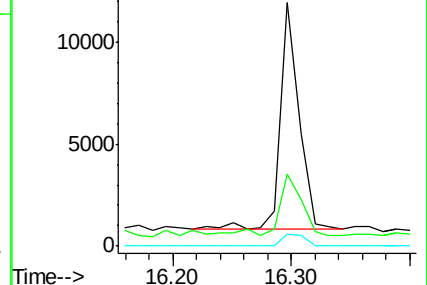
279 4.7 2.9 4.3#

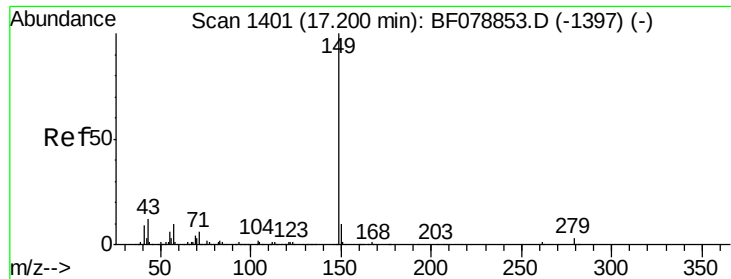


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

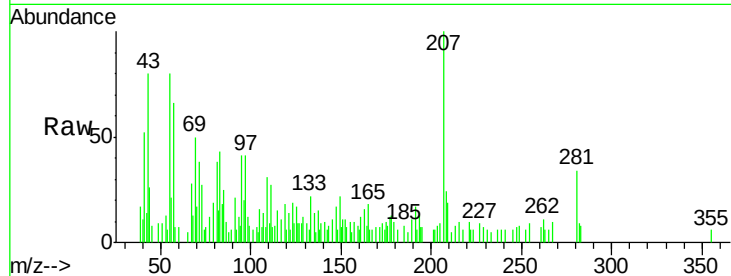




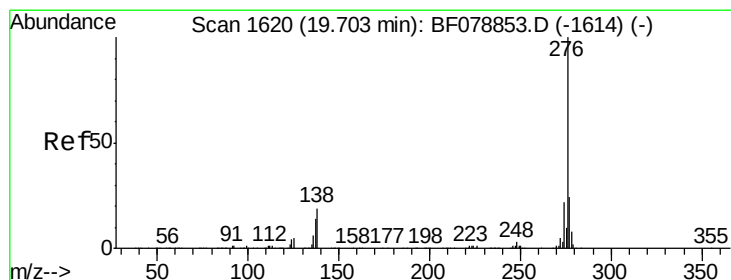
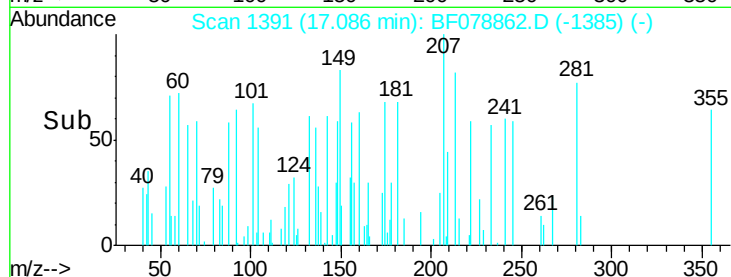
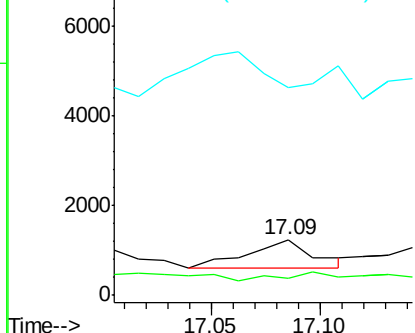
#84
Di-n-octyl phthalate
Concen: 0.07 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.03 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

Tgt Ion:149 Resp: 1341
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
43 0.0 0.0 0.0

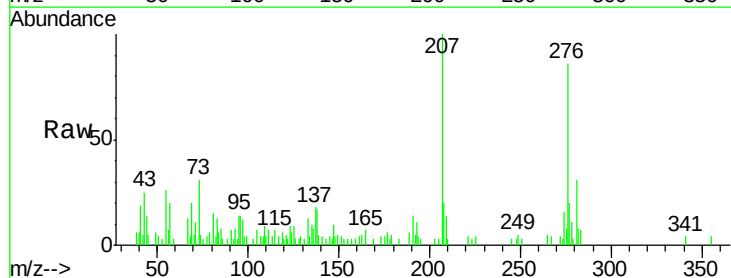


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

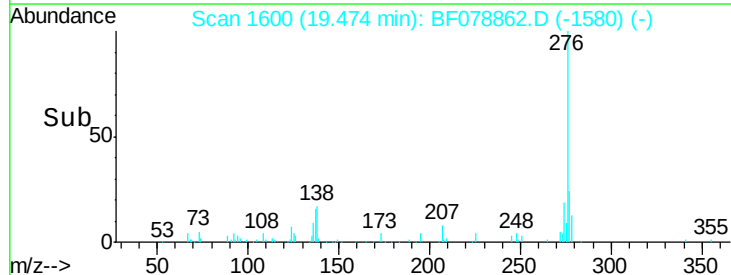
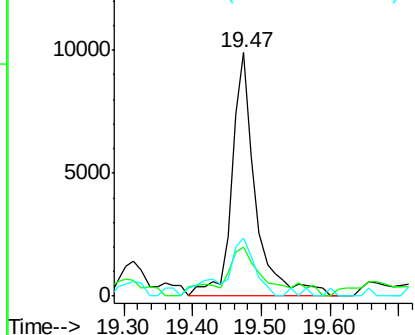


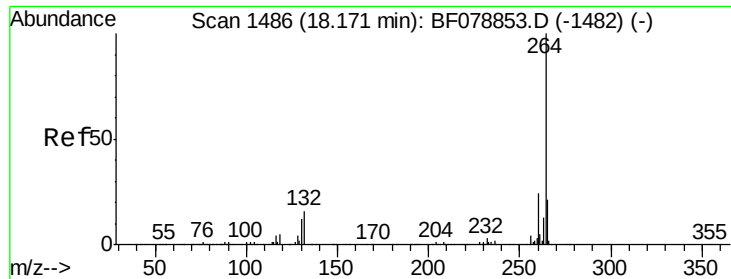
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.18 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:276 Resp: 23724
Ion Ratio Lower Upper
276 100
138 31.8 0.0 0.0#
277 29.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

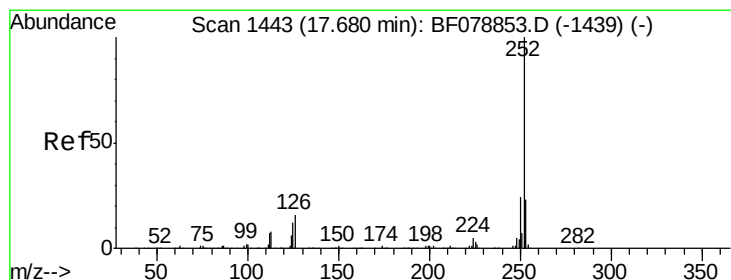
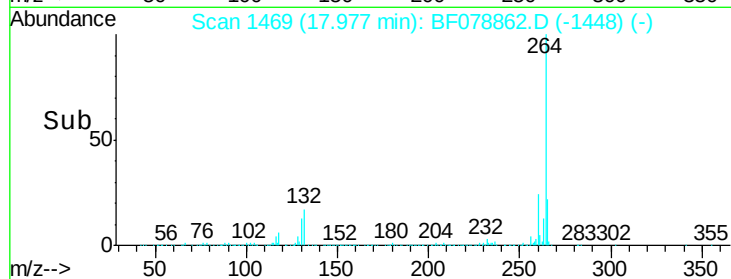
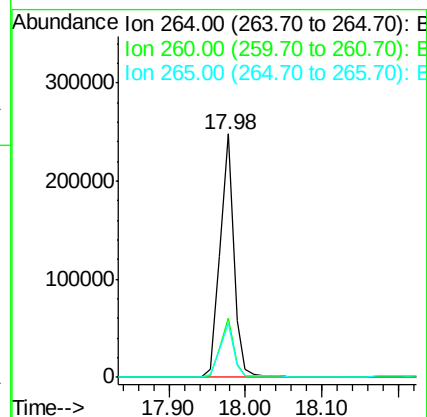
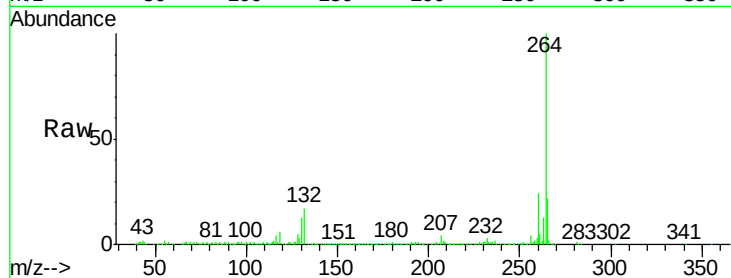




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

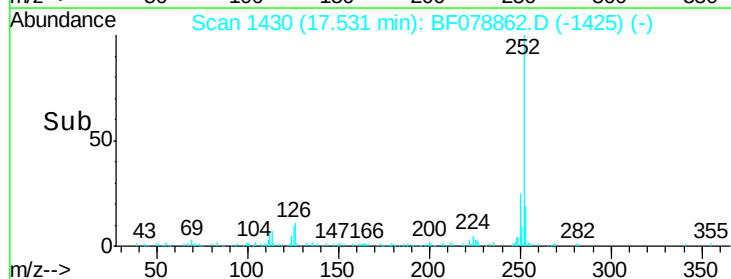
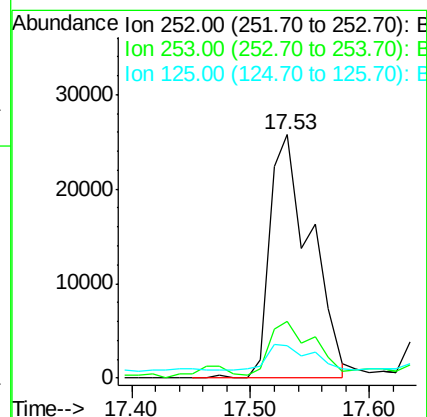
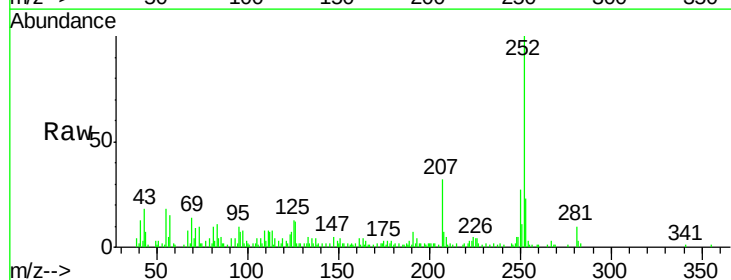
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

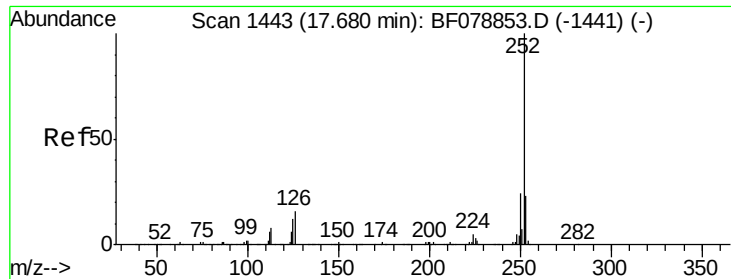
Tgt Ion: 264 Resp: 314302
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.3 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 3.57 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion: 252 Resp: 61390
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.4 9.5 14.3

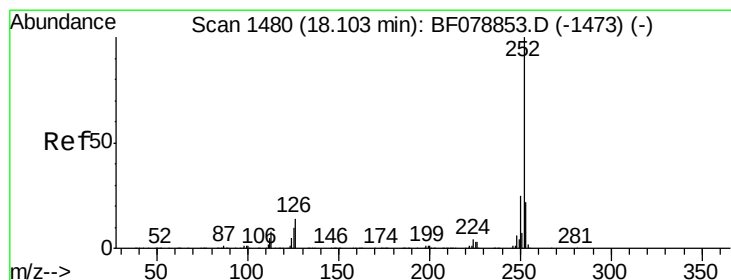
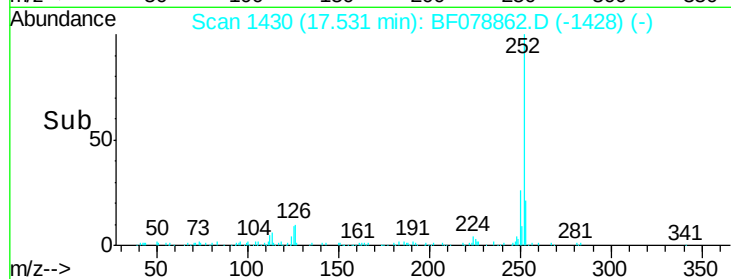
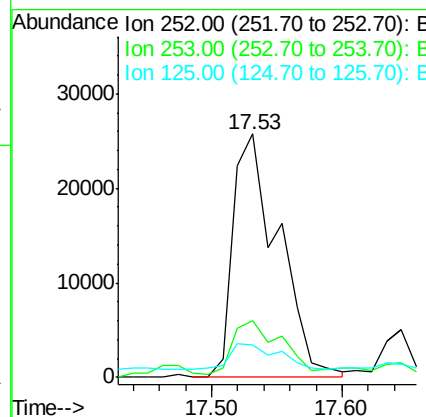
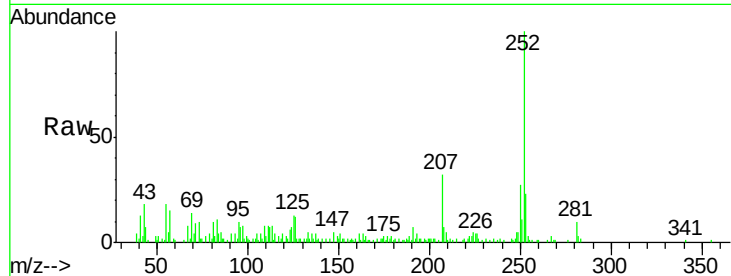




#88
Benzo(k)fluoranthene
Concen: 3.74 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.08 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

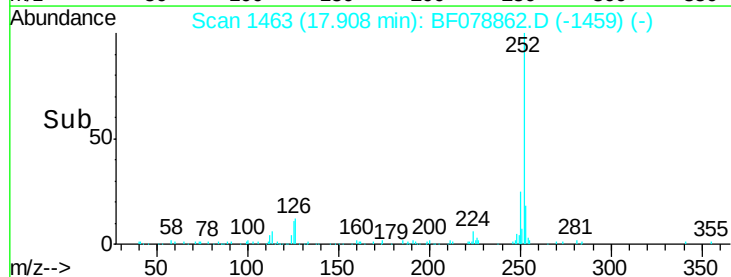
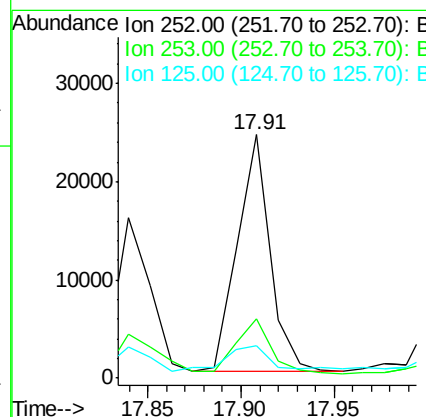
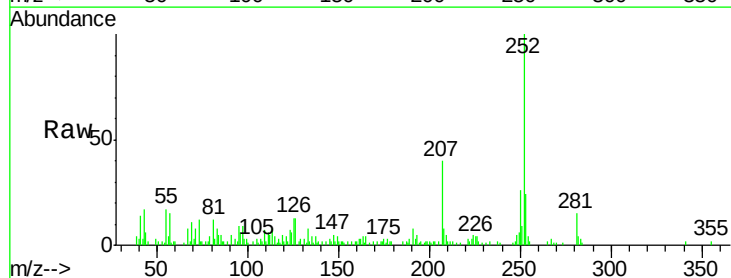
Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

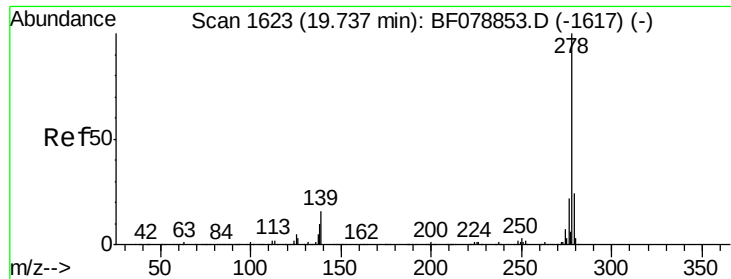
Tgt Ion:252 Resp: 62245
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 13.4 10.0 15.0



#89
Benzo(a)pyrene
Concen: 1.87 ng
RT: 17.91 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion:252 Resp: 29565
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 13.2 7.0 10.6#

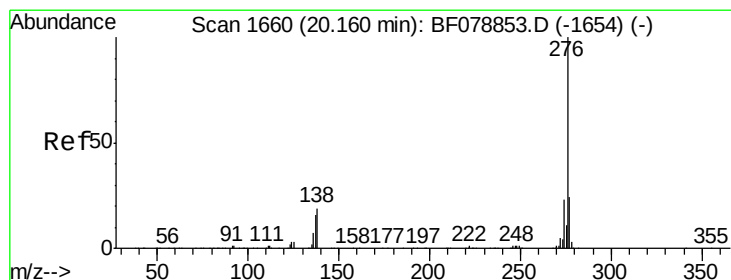
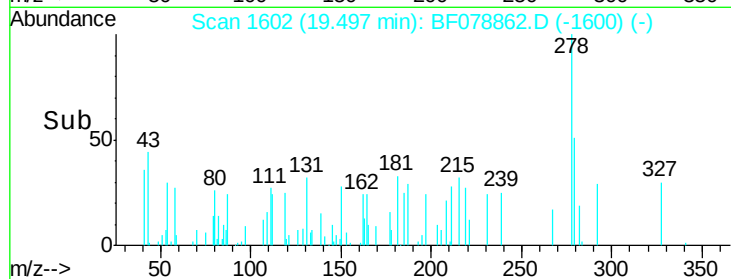
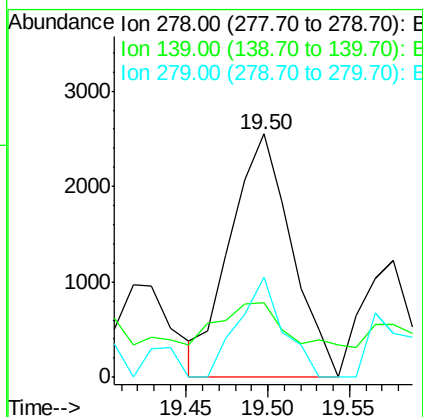
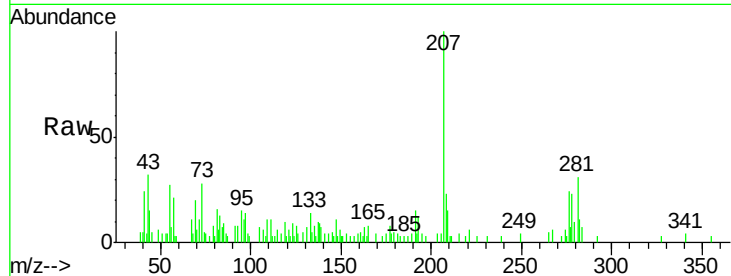




#90
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 19.50 min Scan# 1602
Delta R.T. -0.08 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Instrument :
BNA_F
ClientSampleId :
SINGSING-SS3-0-6

Tgt Ion: 278 Resp: 6610
Ion Ratio Lower Upper
278 100
139 30.7 12.8 19.2#
279 41.1 19.6 29.4#



#91
Benzo(g,h,i)perylene
Concen: 1.19 ng
RT: 19.92 min Scan# 1639
Delta R.T. -0.08 min
Lab File: BF078862.D
Acq: 30 Apr 2015 22:15

Tgt Ion: 276 Resp: 20049
Ion Ratio Lower Upper
276 100
277 28.3 18.6 28.0#
138 23.6 17.4 26.0

