

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098740.D
 Acq On : 23 Sep 2017 15:44
 Operator : SJ/JU
 Sample : PB102553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:49:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145375	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	622082	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295811	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	552433	20.00	ng	0.00
75) Chrysene-d12	14.08	240	384263	20.00	ng	0.00
86) Perylene-d12	15.57	264	258845	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1199597	131.36	ng	0.01
7) Phenol-d6	6.55	99	1435000	127.38	ng	0.00
23) Nitrobenzene-d5	7.48	82	891742	91.93	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	283930	117.30	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1659928	93.68	ng	0.00
78) Terphenyl-d14	13.03	244	1484563	87.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	109	0.02	ng	# 1
6) Aniline	6.69	93	1740	0.11	ng	# 1
8) 2-Chlorophenol	6.70	128	140	0.01	ng	# 7
9) Benzaldehyde	6.69	77	25497	3.90	ng	# 87
10) Phenol	6.55	94	504	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.69	93	1740	0.18	ng	# 1
15) Benzyl Alcohol	7.07	79	14138	1.71	ng	# 39
19) n-Nitroso-di-n-propylamine	7.48	70	118789	16.52	ng	# 75
24) Nitrobenzene	7.48	77	2882	0.26	ng	# 33
25) Isophorone	7.48	82	890866	44.42	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	131	0.01	ng	# 4
32) Benzoic acid	7.85	122	131	0.02	ng	# 66
45) 1,1'-Biphenyl	9.37	154	3072	0.12	ng	# 96
47) 2-Nitroaniline	9.27	65	2760	0.47	ng	# 1
50) 2,6-Dinitrotoluene	9.96	165	37522	7.72	ng	# 26
51) Acenaphthene	9.96	154	1256	0.07	ng	# 4
56) 2,4-Dinitrotoluene	9.96	165	37522	5.95	ng	# 23
57) Fluorene	10.75	166	15373	0.78	ng	# 90
59) Diethylphthalate	10.36	149	2851	0.13	ng	# 81
62) Azobenzene	10.75	77	1843	0.09	ng	# 11
64) 4,6-Dinitro-2-methylphenol	10.75	198	645	0.19	ng	# 1
65) n-Nitrosodiphenylamine	10.75	169	10686	0.56	ng	# 42
66) 4-Bromophenyl-phenylether	10.75	248	19410	3.59	ng	# 1
70) Phenanthrene	11.46	178	115	0.00	ng	# 59
71) Anthracene	11.46	178	115	0.00	ng	# 60
73) Di-n-butylphthalate	11.99	149	1516	0.04	ng	# 78
76) Benzidine	13.03	184	21303	1.50	ng	# 97
77) Pyrene	13.03	202	5098	0.17	ng	# 64
80) Benzo(a)anthracene	14.08	228	892	0.04	ng	# 38
82) Chrysene	14.08	228	892	0.04	ng	# 37
83) Bis(2-ethylhexyl)phthalate	14.05	149	3856	0.20	ng	# 86
84) Di-n-octyl phthalate	14.67	149	111	0.00	ng	# 75
89) Benzo(a)pyrene	15.57	252	937	0.06	ng	# 32

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

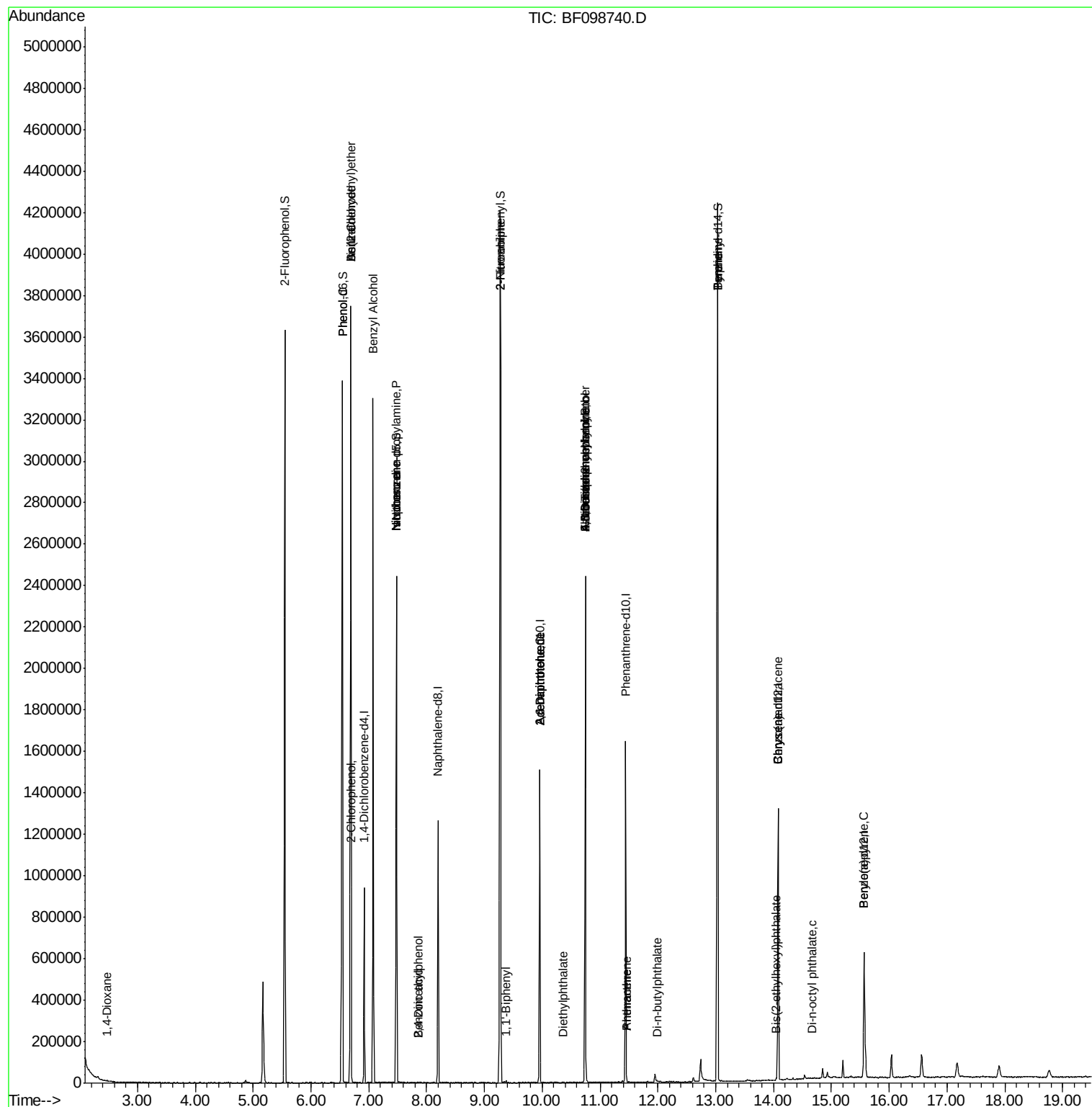
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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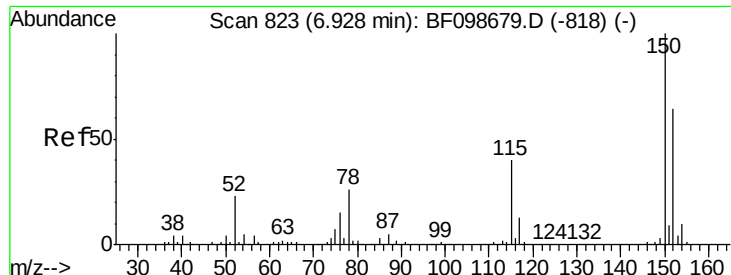
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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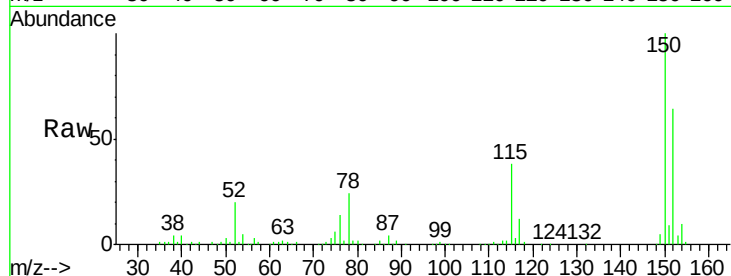


#1

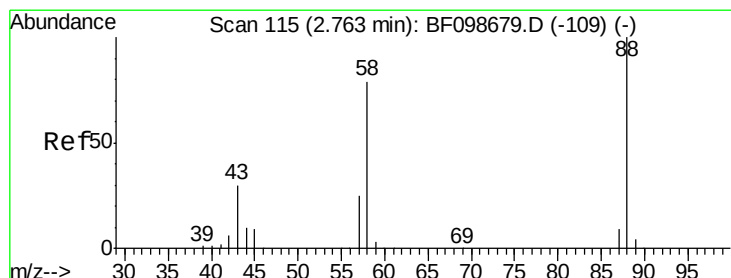
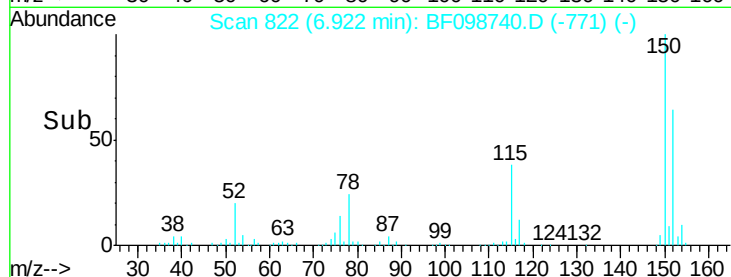
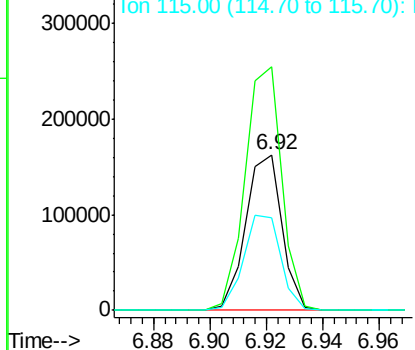
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145375
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.0 50.1 75.1



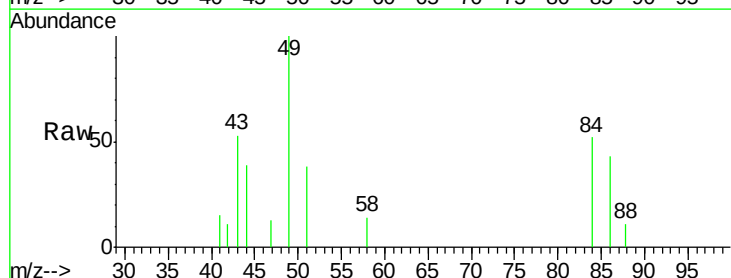
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



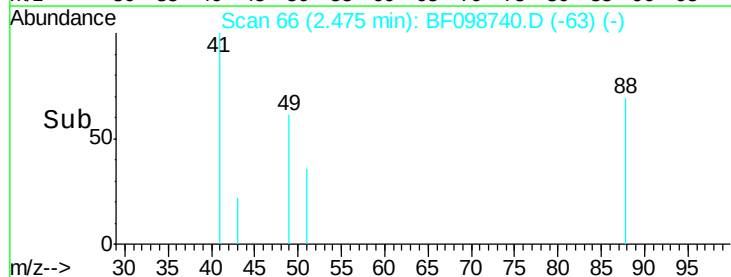
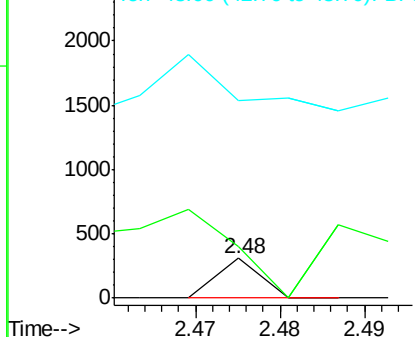
#2

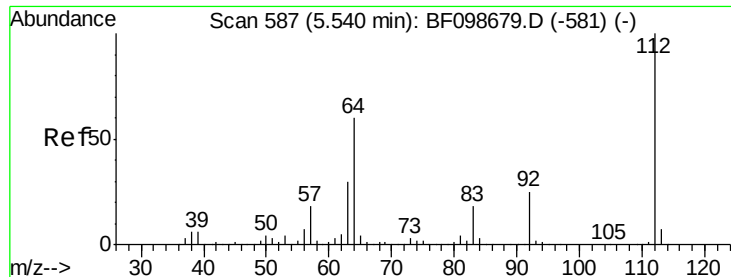
1,4-Dioxane
Concen: 0.02 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.28 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
58 436.7 62.6 93.8#
43 0.0 24.6 37.0#



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





#5

2-Fluorophenol

Concen: 131.36 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampled :

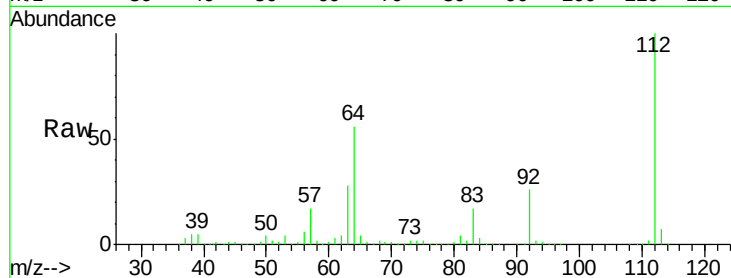
Tot Ion:112 Resp: 1199597

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

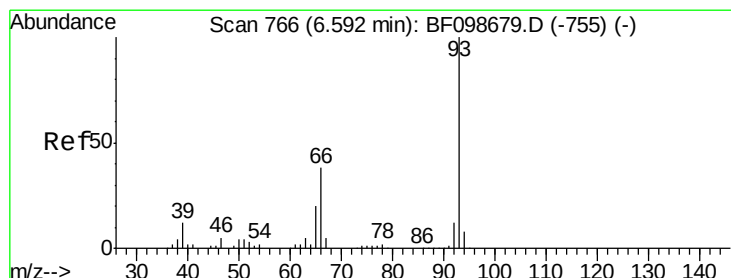
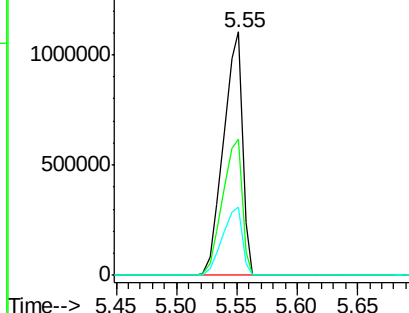
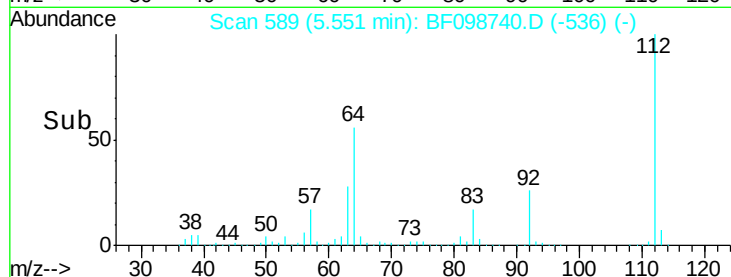
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.11 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.11 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

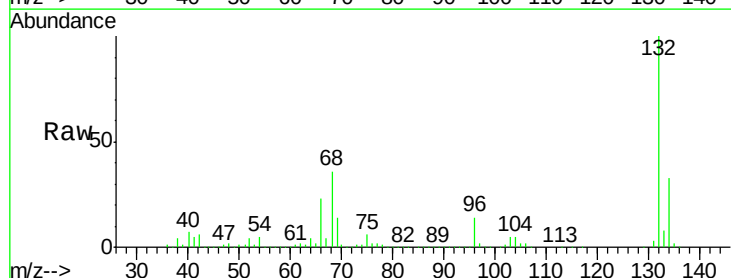
Tgt Ion: 93 Resp: 1740

Ion Ratio Lower Upper

93 100

66 15713.5 32.2 48.2#

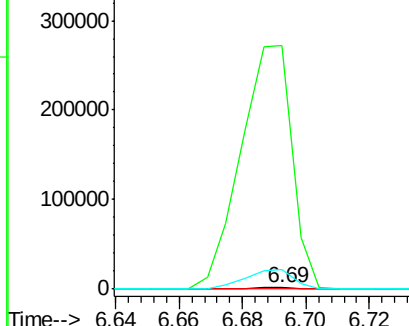
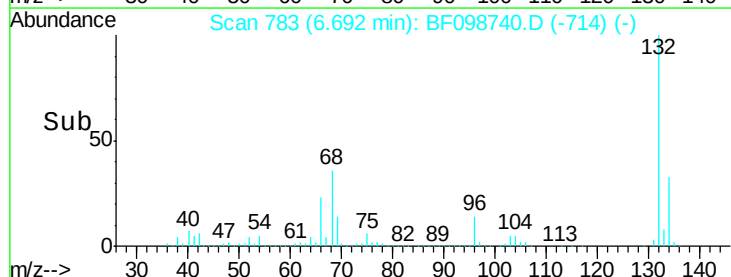
65 1289.9 16.4 24.6#

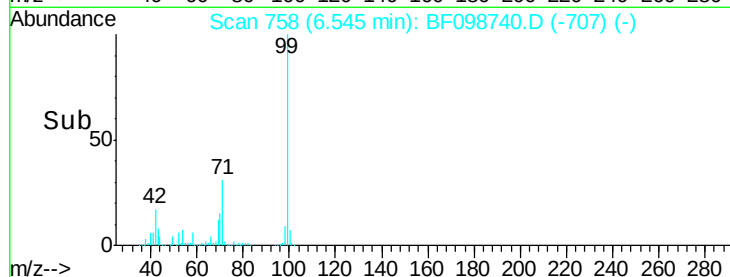
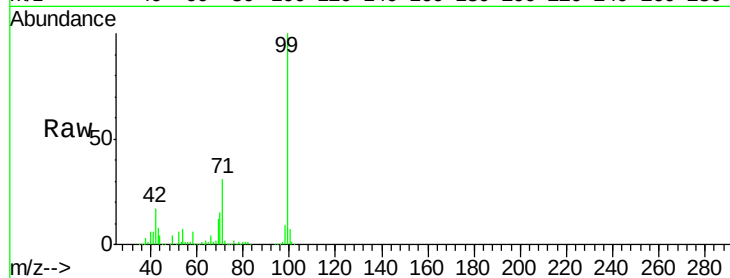
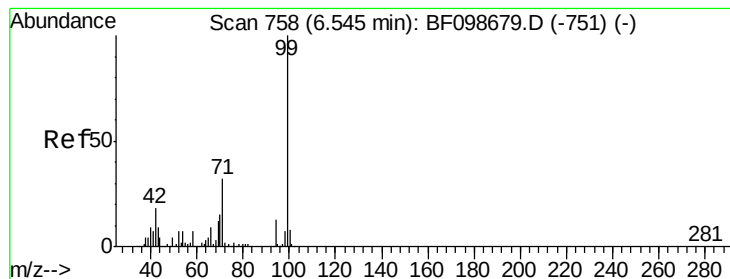


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

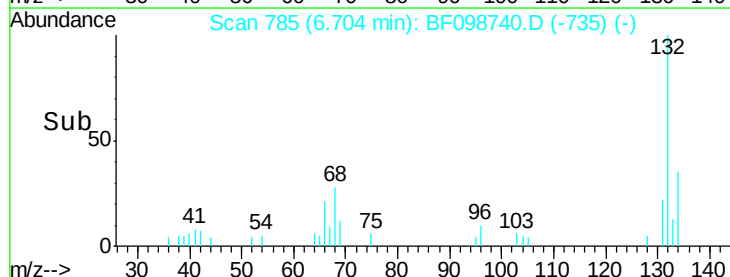
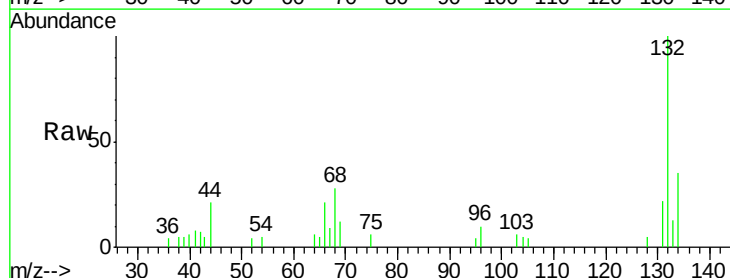
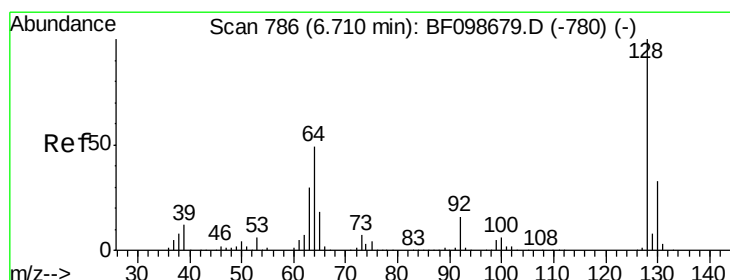
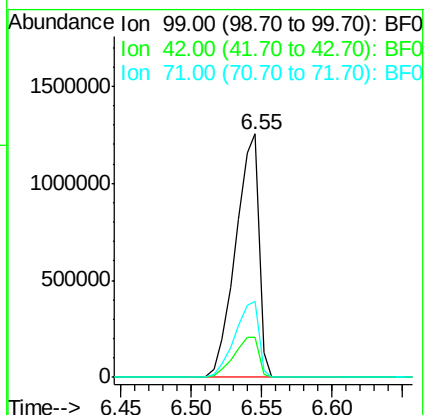
Tot Ion: 99 Resp: 1435000

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 31.1 25.4 38.0



#8

2-Chlorophenol

Concen: 0.01 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

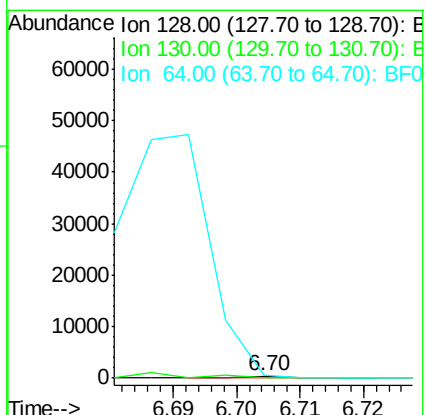
Tgt Ion: 128 Resp: 140

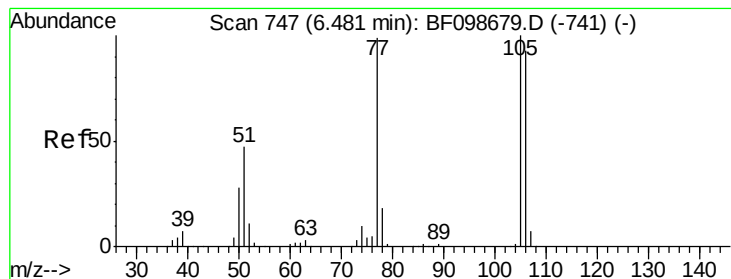
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 129.4 29.4 69.4#





#9

Benzaldehyde

Concen: 3.90 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

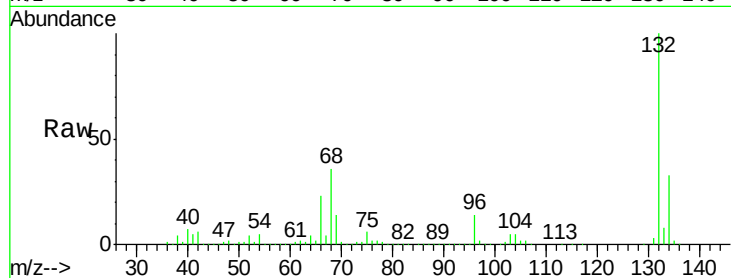
Tot Ion: 77 Resp: 25497

Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

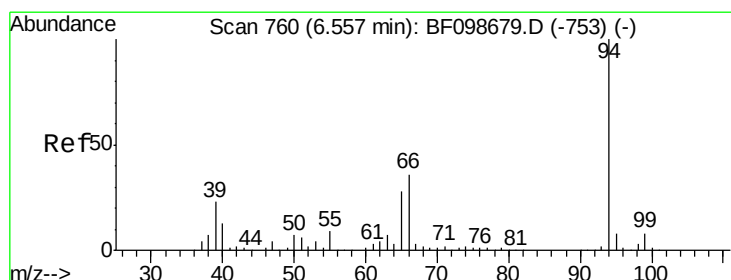
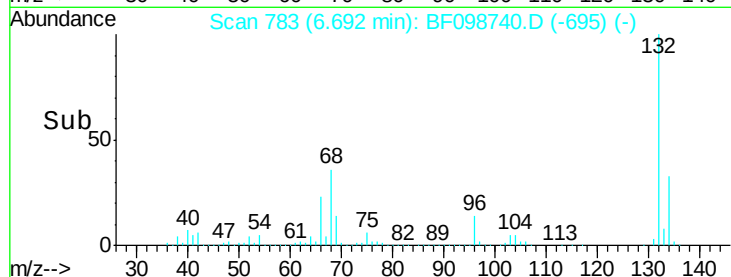
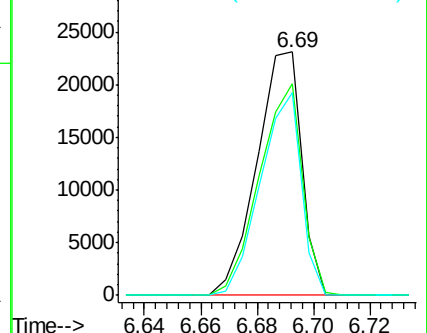
106 83.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.04 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

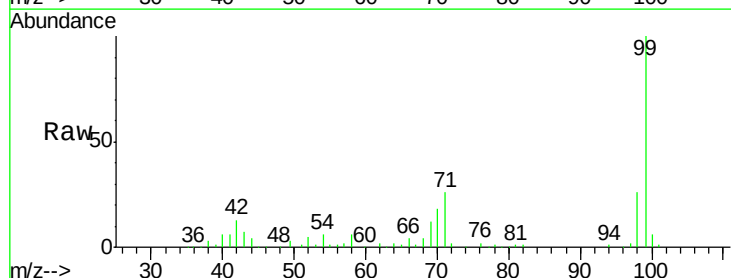
Tgt Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

65 228.6 7.9 47.9#

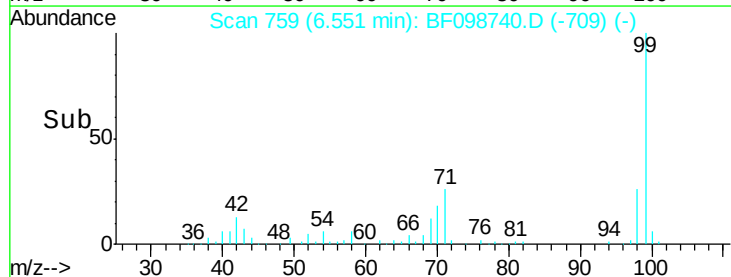
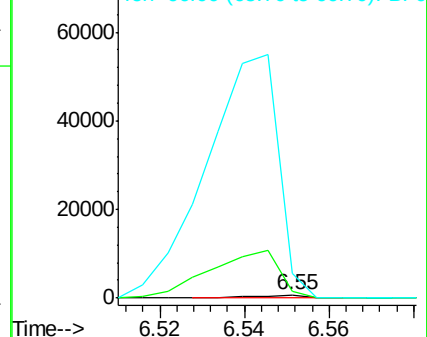
66 768.2 16.2 56.2#

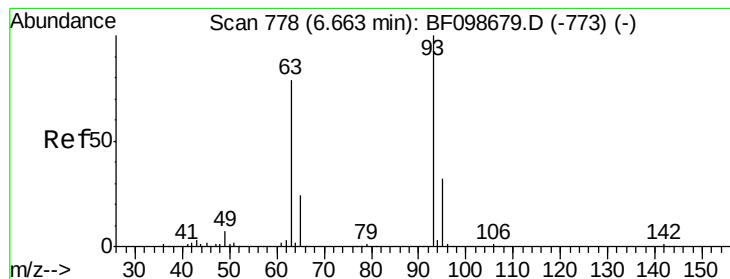


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.04 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampled :

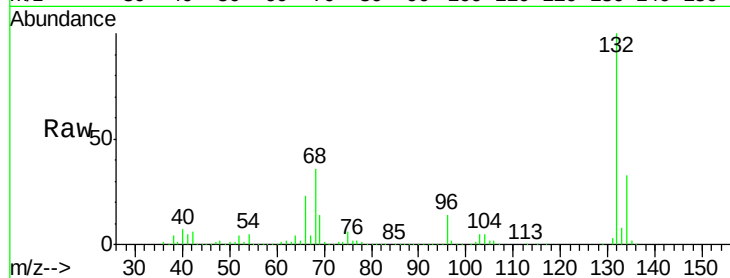
Tot Ion: 93 Resp: 1740

Ion Ratio Lower Upper

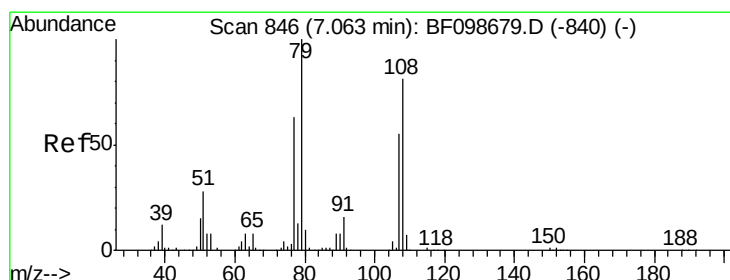
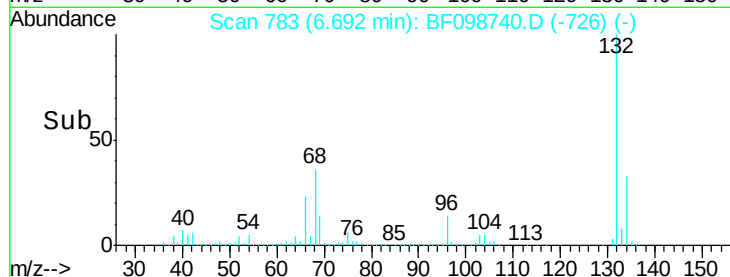
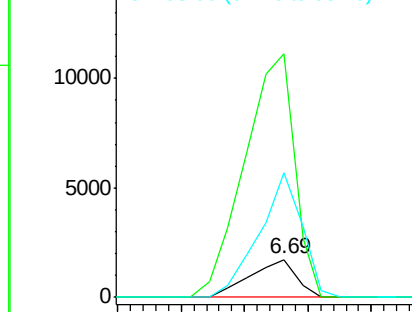
93 100

63 642.9 58.6 98.6#

95 327.4 11.8 51.8#



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: 1.71 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

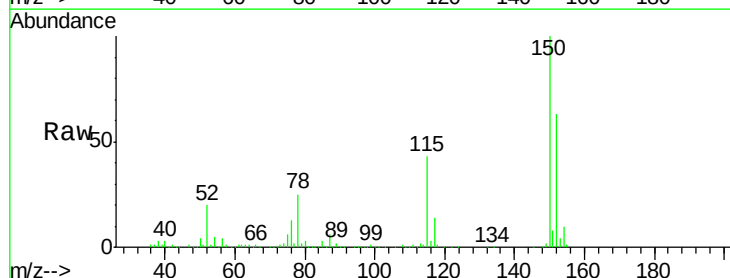
Tgt Ion: 79 Resp: 14138

Ion Ratio Lower Upper

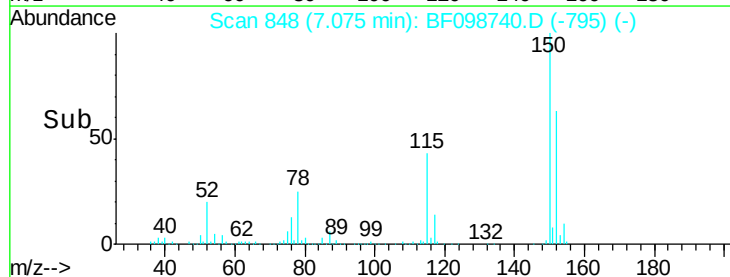
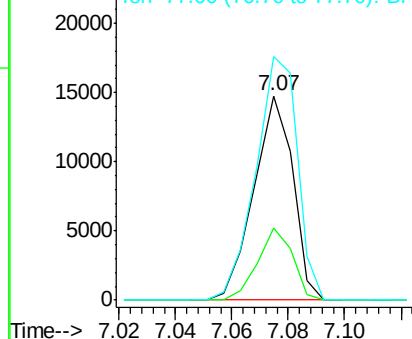
79 100

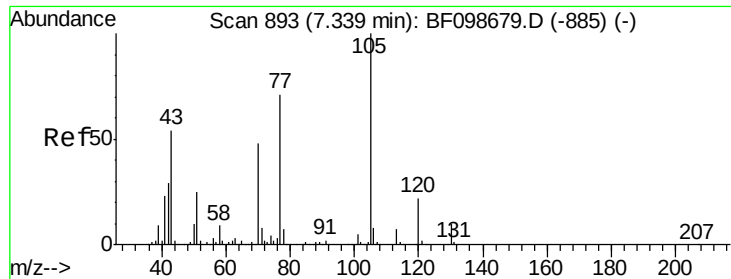
108 35.3 65.1 97.7#

77 119.1 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

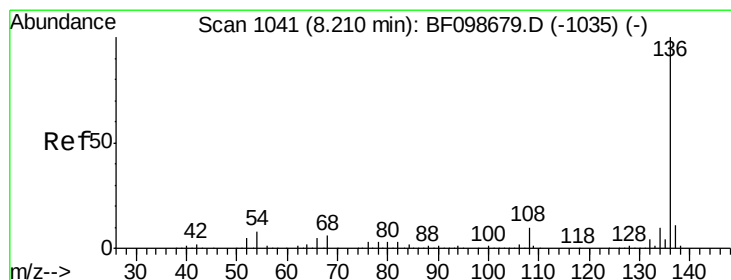
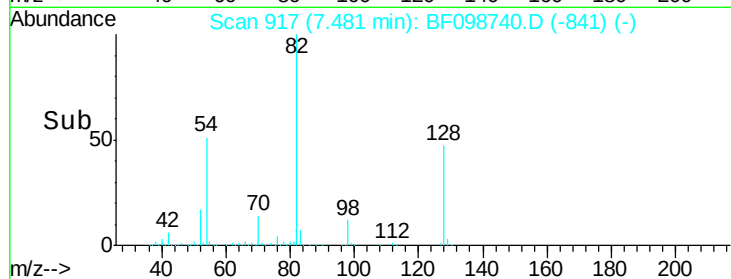
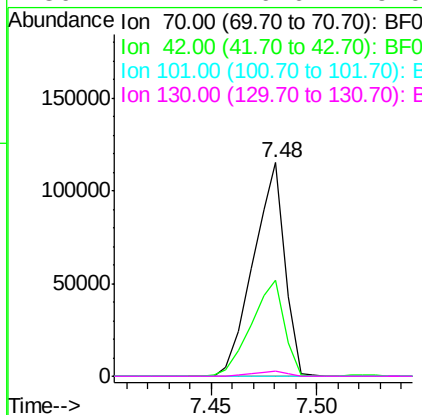
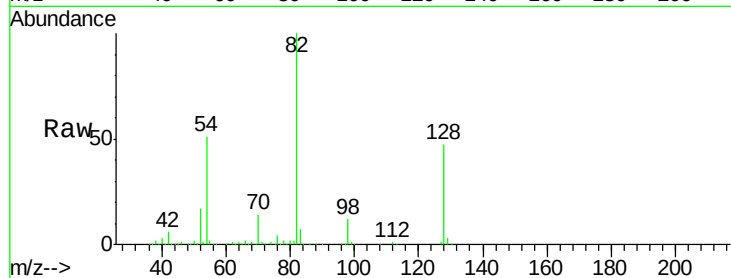




#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

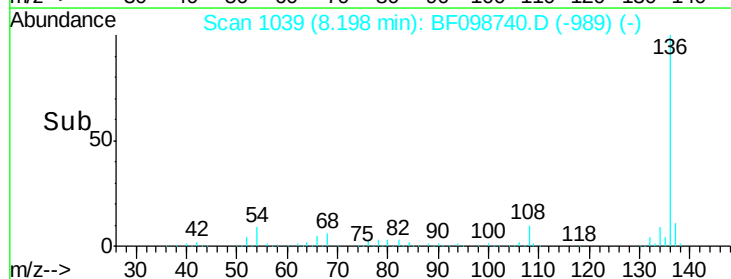
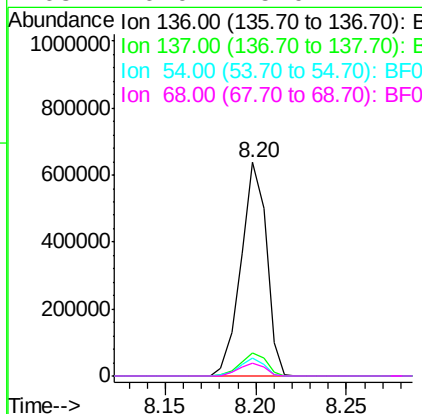
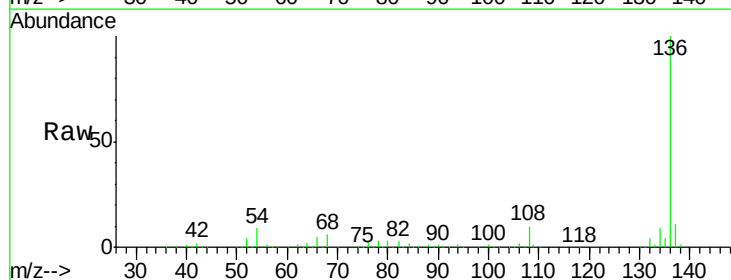
Instrument :
BNA_F
ClientSampleId :

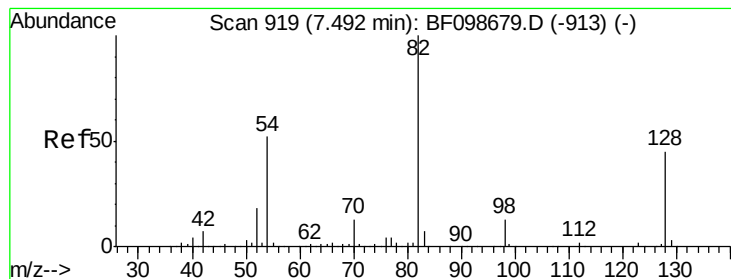
Tot Ion: 70 Resp: 118789
Ion Ratio Lower Upper
70 100
42 44.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion: 136 Resp: 622082
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.93 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

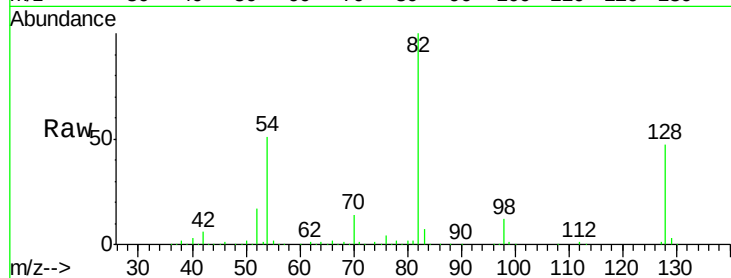
Tot Ion: 82 Resp: 891742

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

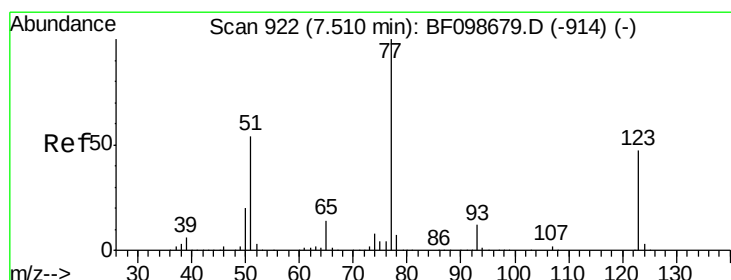
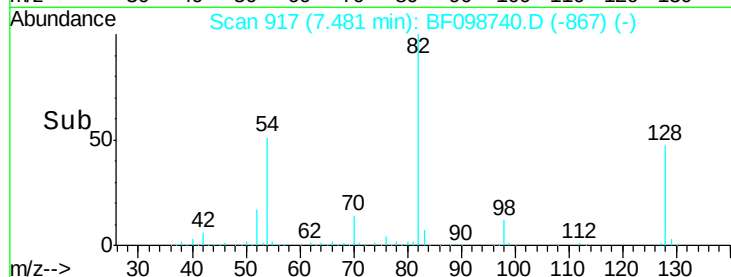
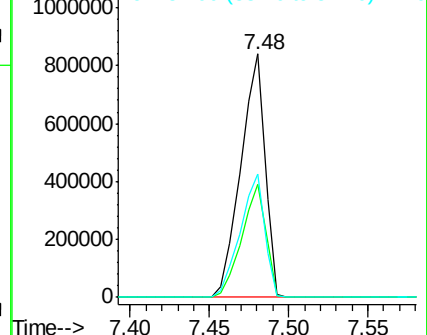
54 50.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.26 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

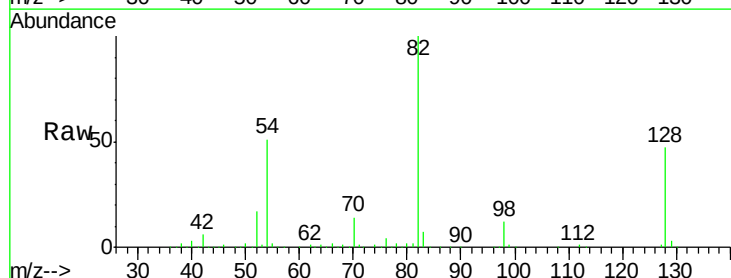
Tgt Ion: 77 Resp: 2882

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

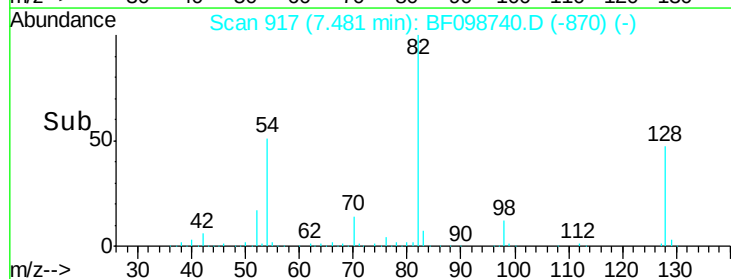
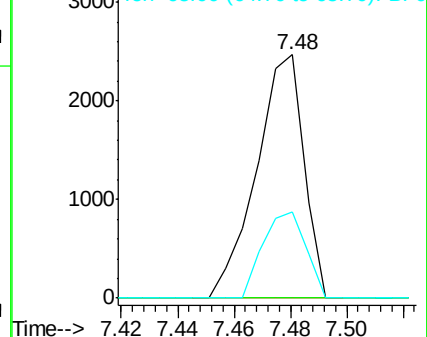
65 35.5 11.0 16.4#

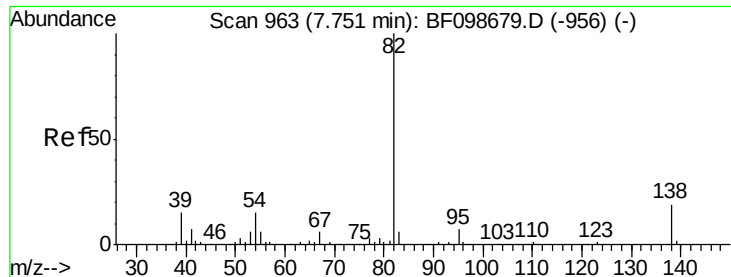


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.42 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampled :

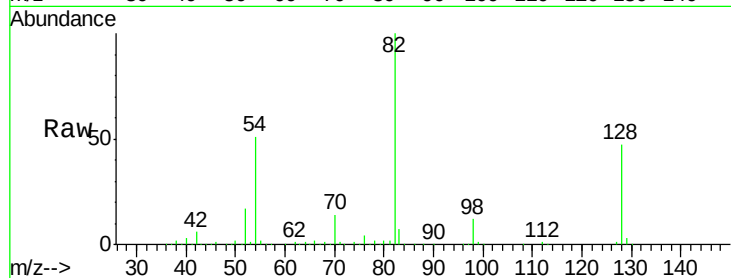
Tot Ion: 82 Resp: 890866

Ion Ratio Lower Upper

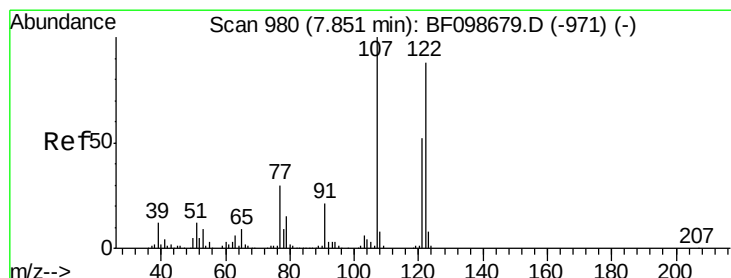
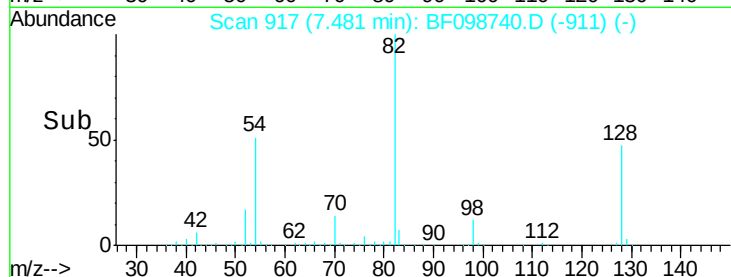
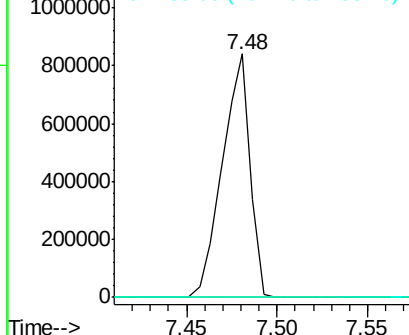
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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): E



#27

2,4-Dimethylphenol

Concen: 0.01 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

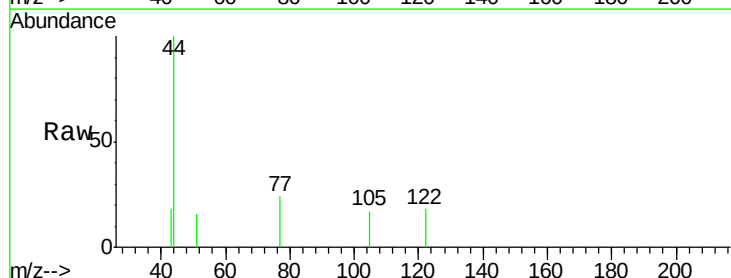
Tgt Ion: 122 Resp: 131

Ion Ratio Lower Upper

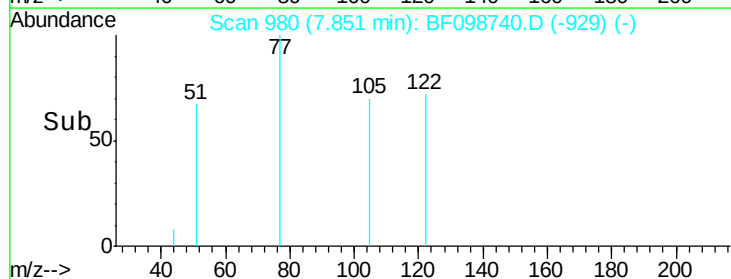
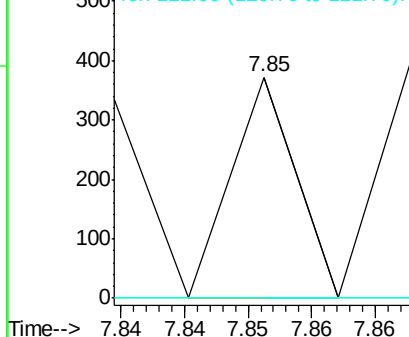
122 100

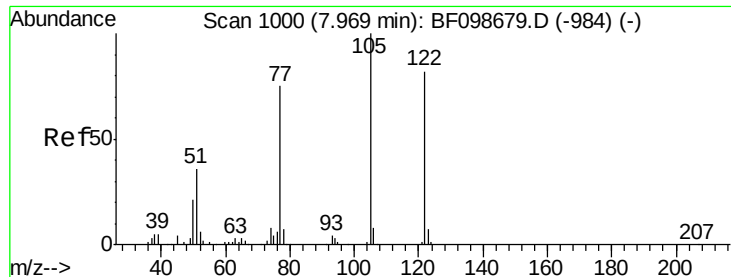
107 0.0 91.2 136.8#

121 0.0 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

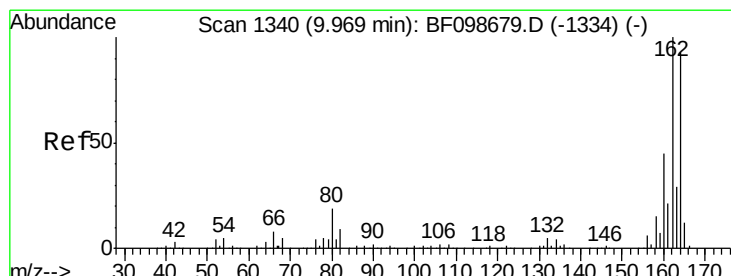
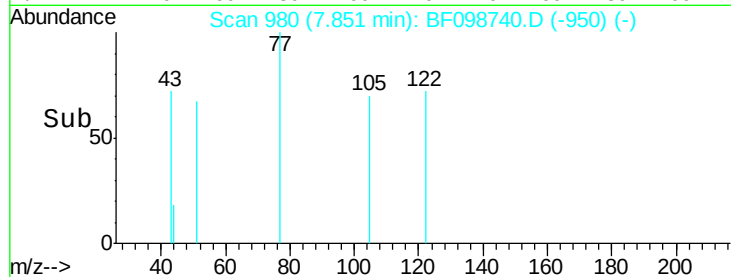
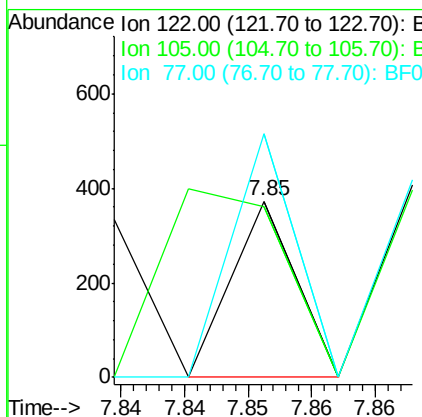
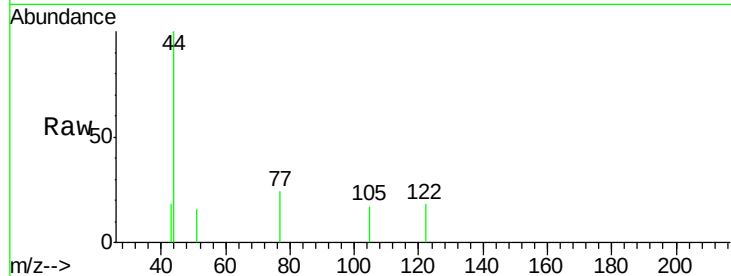




#32
Benzoic acid
Concen: 0.02 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.12 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

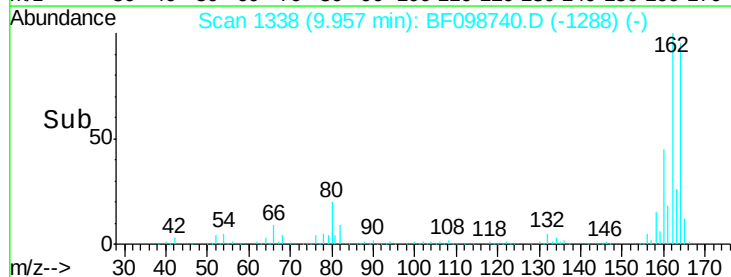
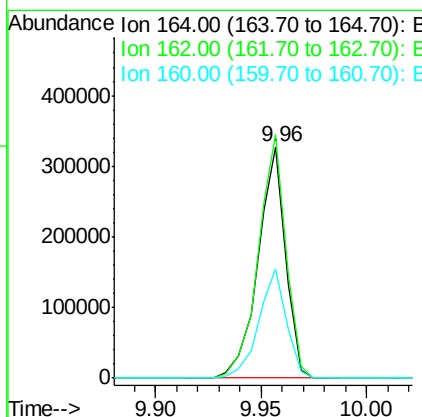
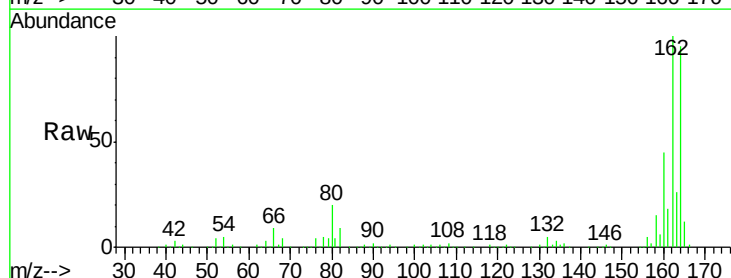
Instrument :
BNA_F
ClientSampled :

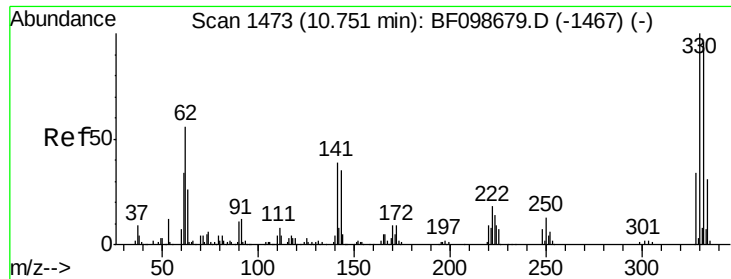
Tot Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 97.0 101.1 141.1#
77 138.4 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion:164 Resp: 295811
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 47.5 38.3 57.5

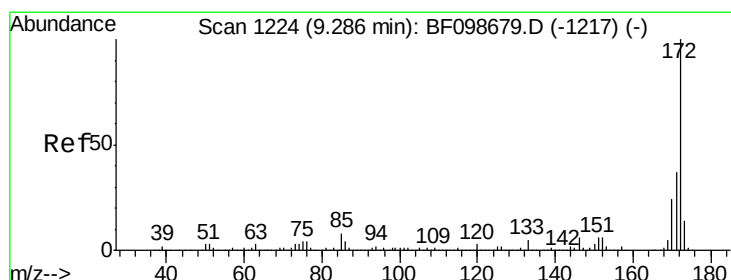
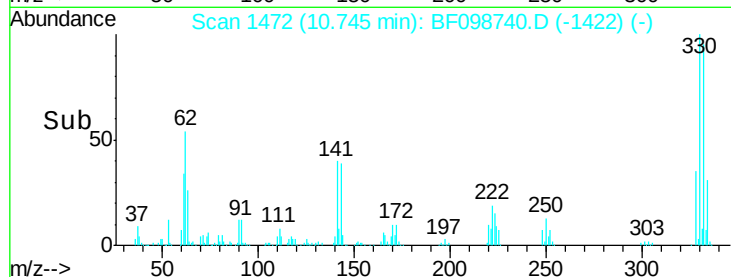
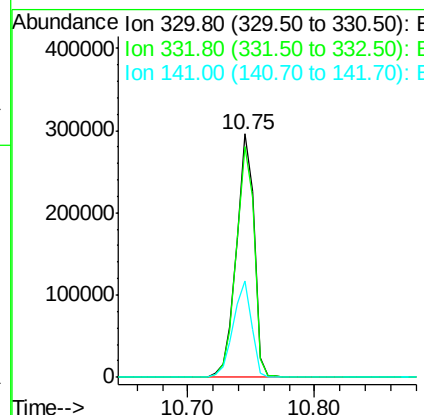
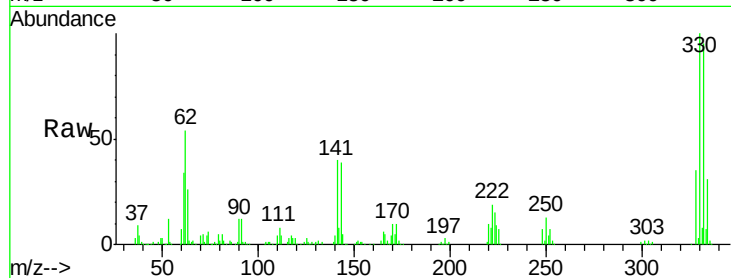




#41
 2,4,6-Tribromophenol
 Concen: 117.30 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

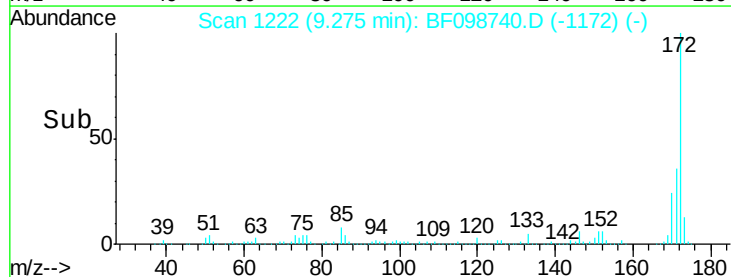
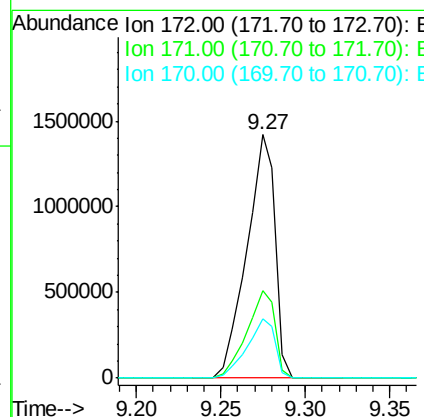
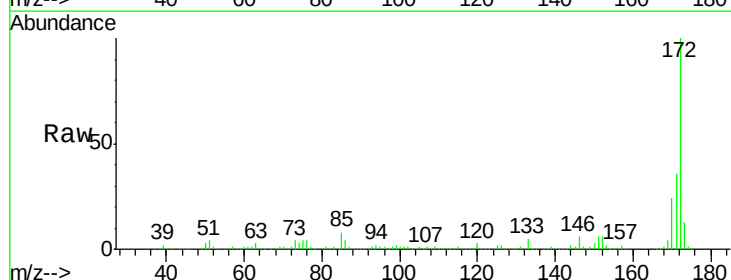
Instrument :
 BNA_F
 ClientSampleId :

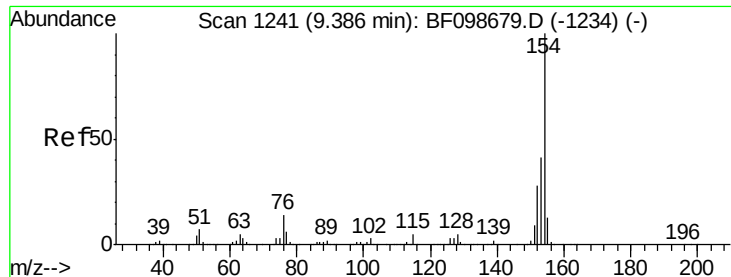
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	41.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.68 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.12 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

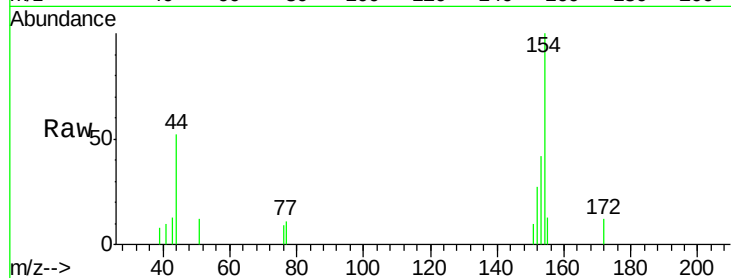
Tot Ion:154 Resp: 3072

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

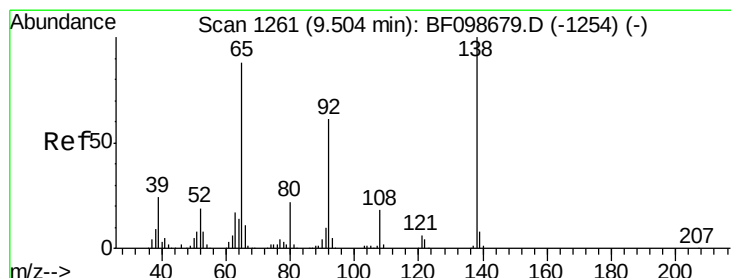
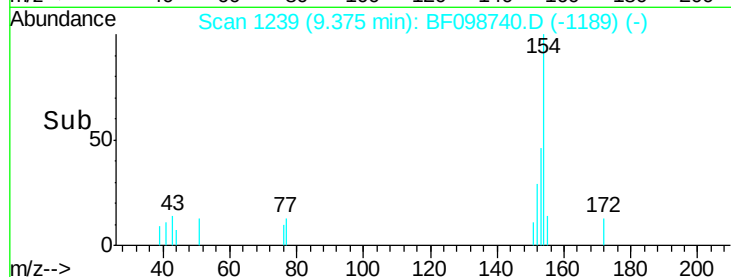
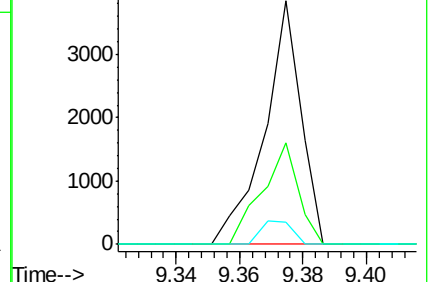
76 8.9 0.0 34.0



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): E



#47

2-Nitroaniline

Concen: 0.47 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.22 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

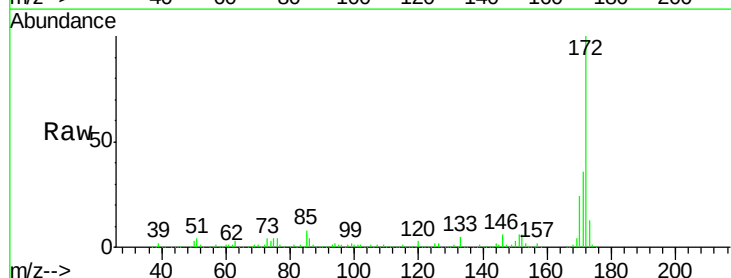
Tgt Ion: 65 Resp: 2760

Ion Ratio Lower Upper

65 100

92 219.8 55.8 83.6#

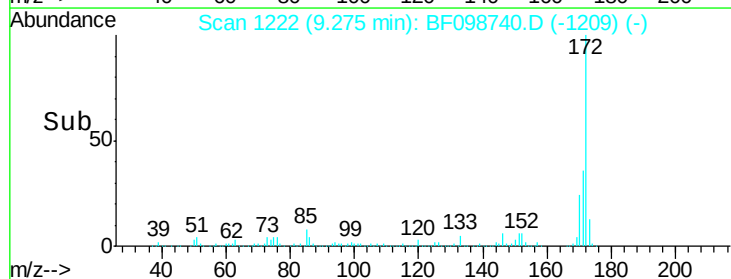
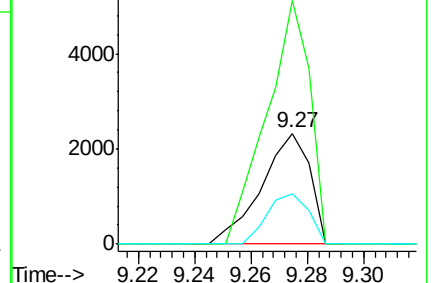
138 45.8 91.2 136.8#

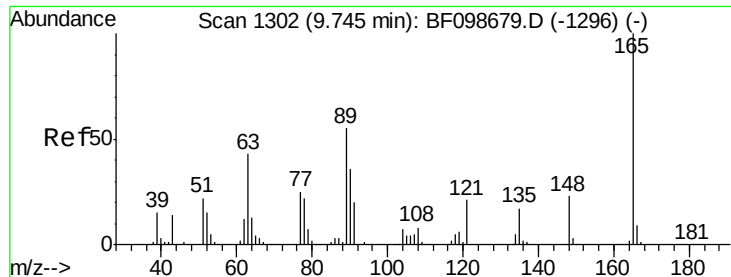


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

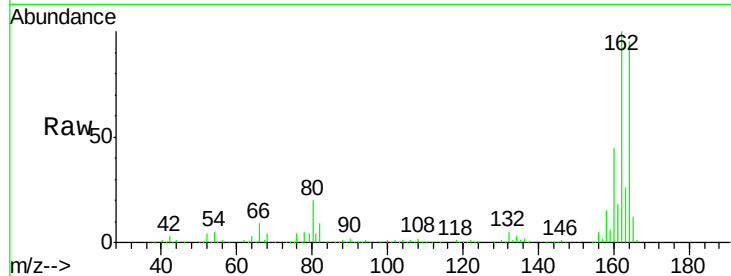




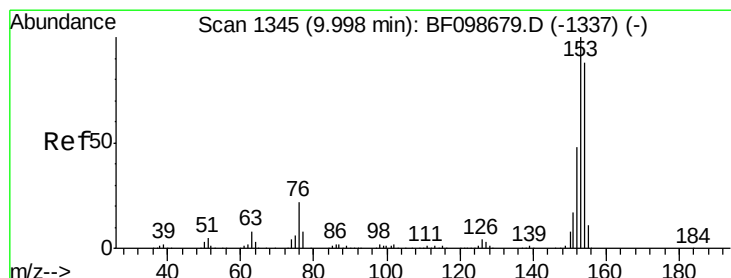
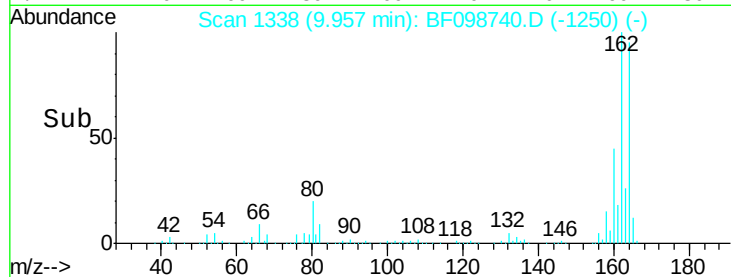
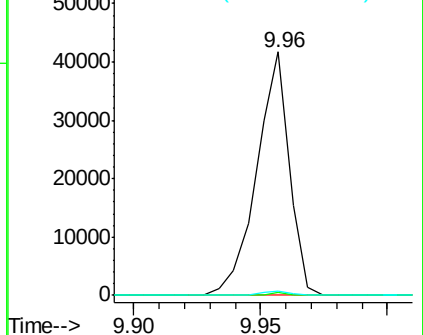
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.22 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#

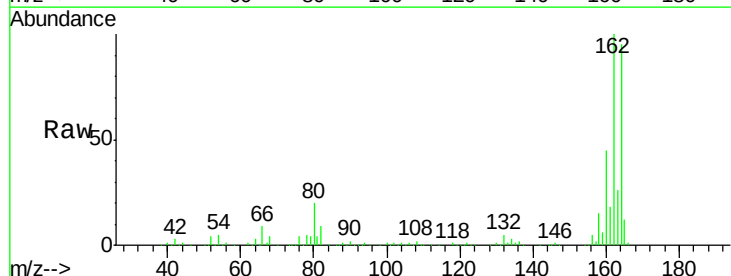


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

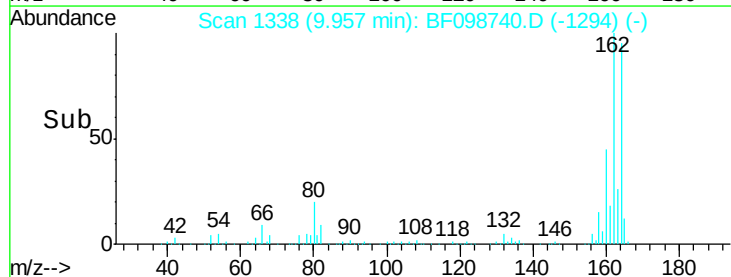
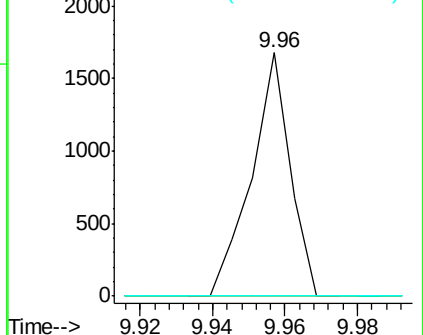


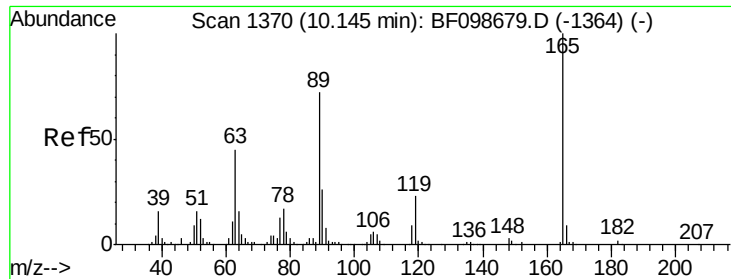
#51
 Acenaphthene
 Concen: 0.07 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#



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

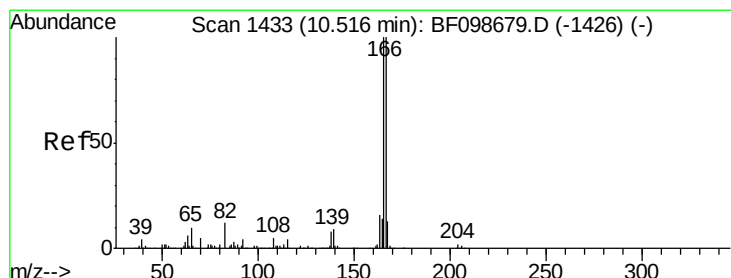
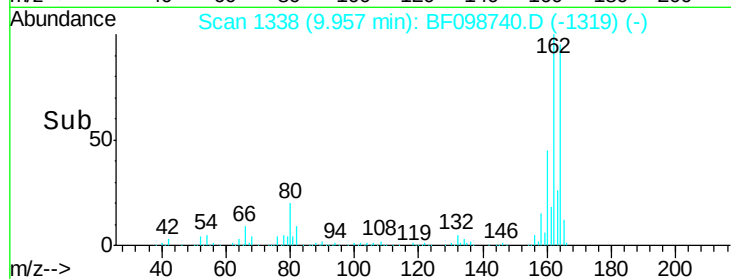
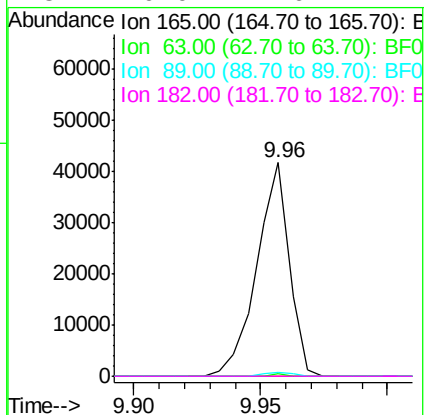
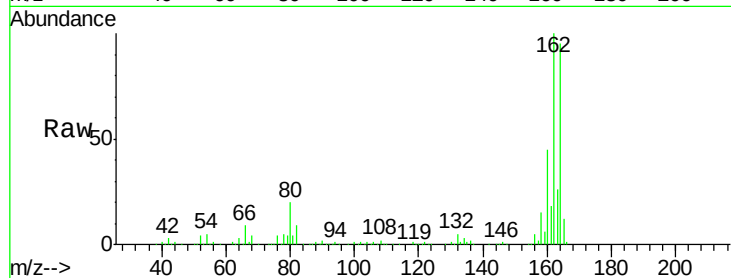




#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

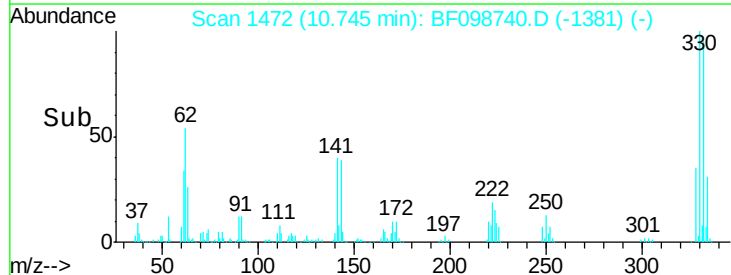
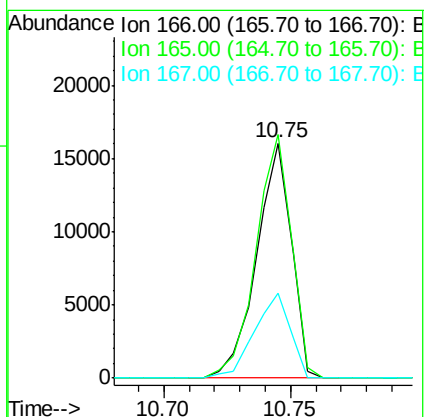
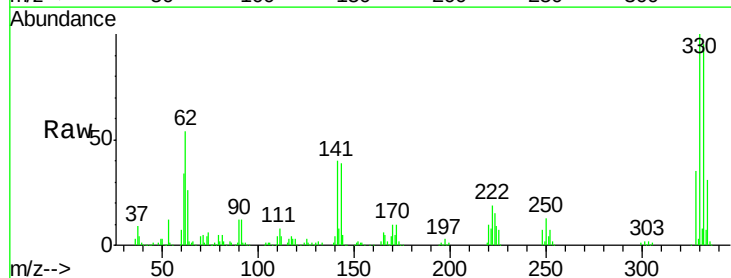
Instrument :
BNA_F
ClientSampleId :

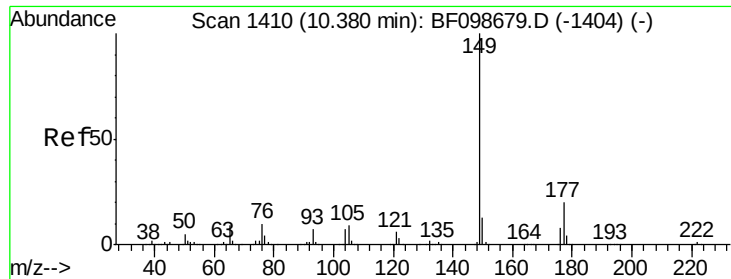
Tot Ion:165 Resp: 37522
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.78 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.24 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion:166 Resp: 15373
Ion Ratio Lower Upper
166 100
165 103.5 79.8 119.8
167 35.8 10.6 16.0#

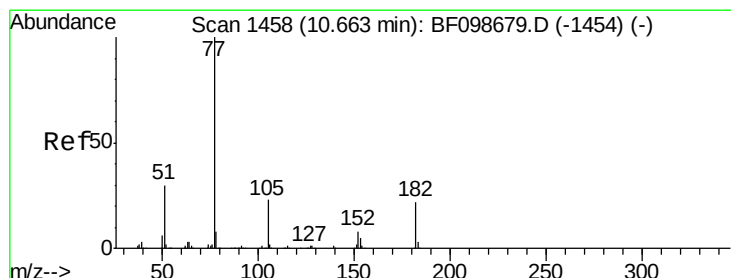
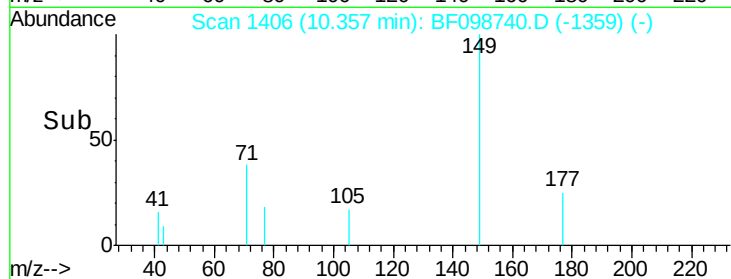
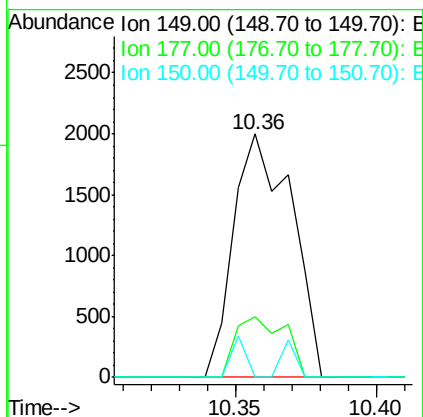
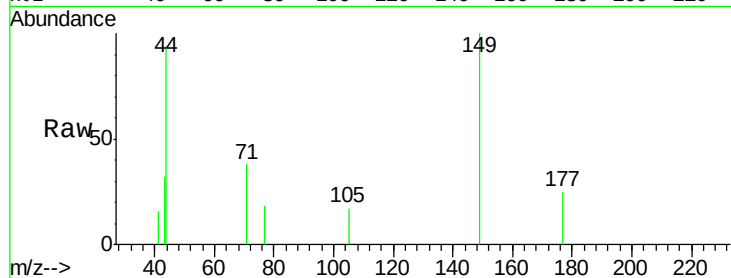




#59
Diethylphthalate
Concen: 0.13 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

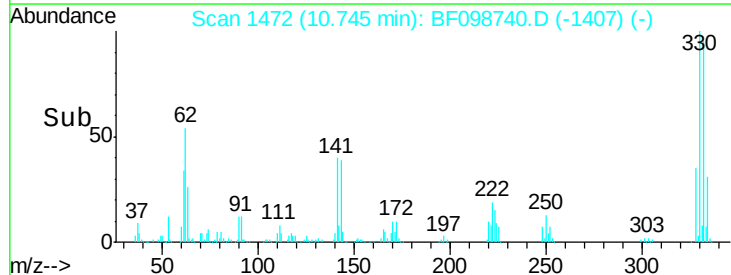
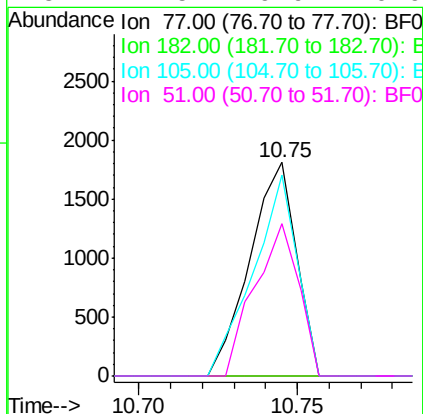
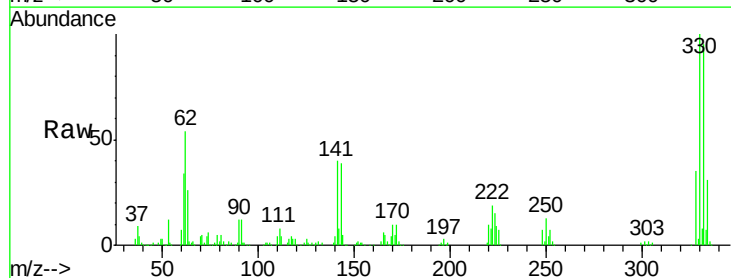
Instrument :
BNA_F
ClientSampleId :

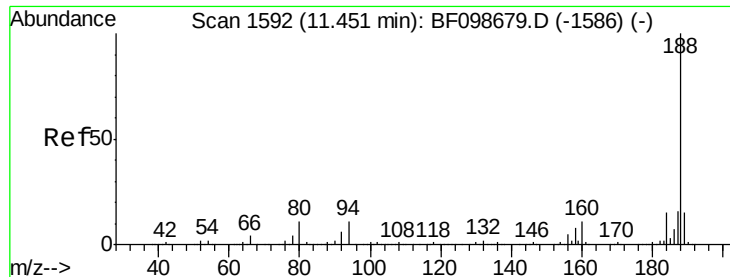
Tot Ion:149 Resp: 2851
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.09 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.08 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion: 77 Resp: 1843
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 93.9 3.0 43.0#
51 71.5 9.9 49.9#

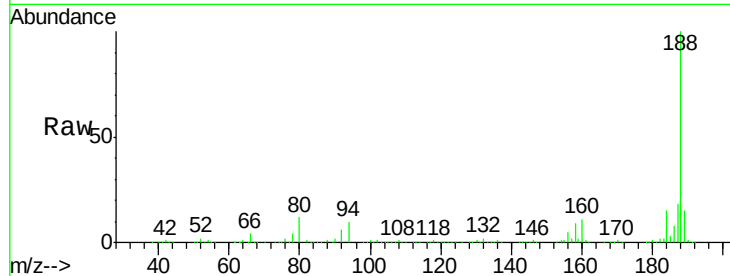




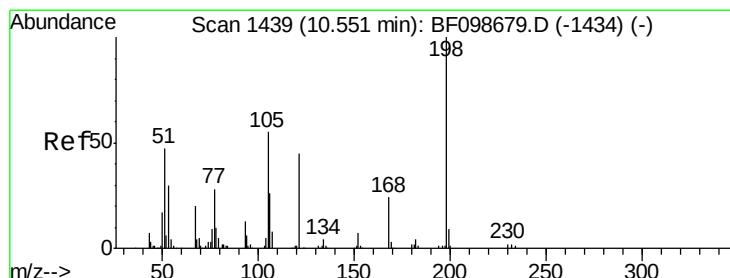
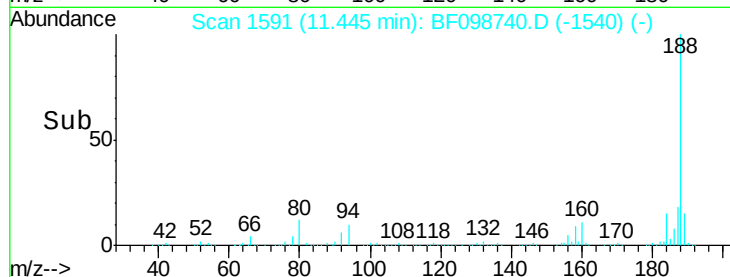
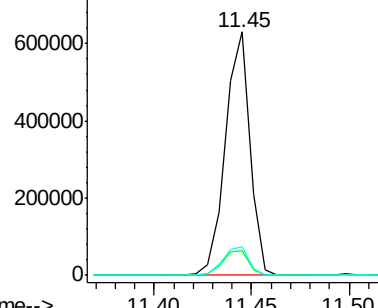
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 552433
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.6 9.2 13.8

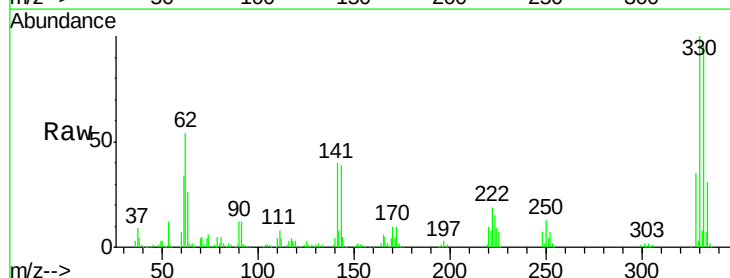


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

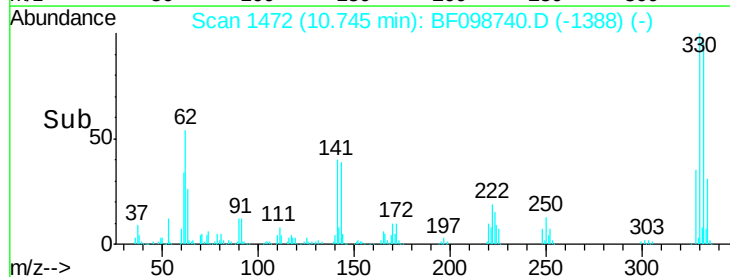
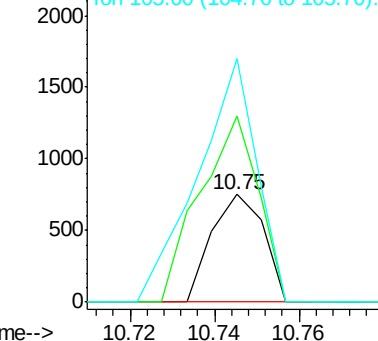


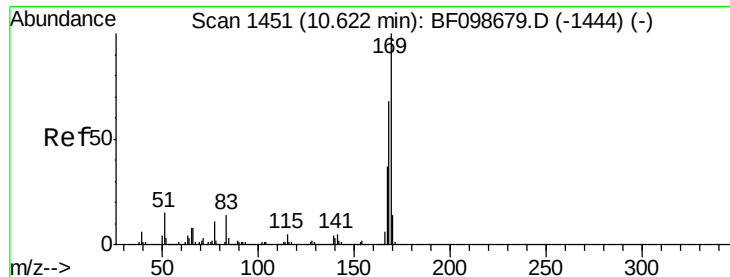
#64
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.19 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion:198 Resp: 645
Ion Ratio Lower Upper
198 100
51 172.0 37.7 77.7#
105 225.8 36.3 76.3#



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

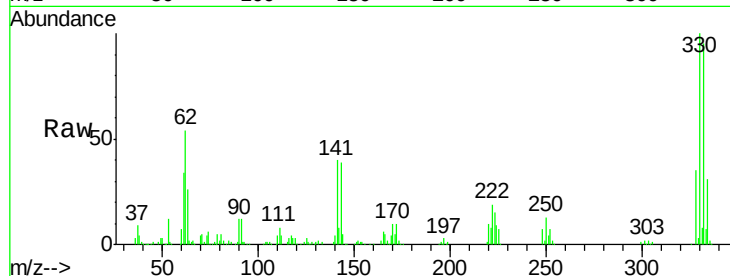




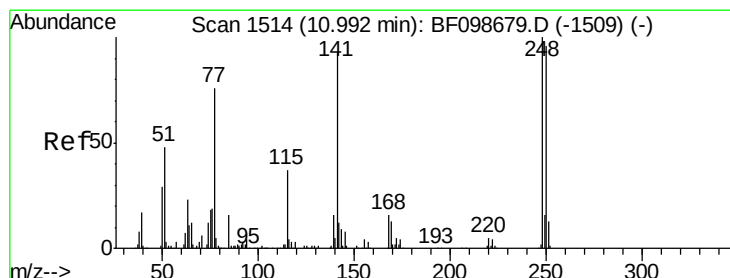
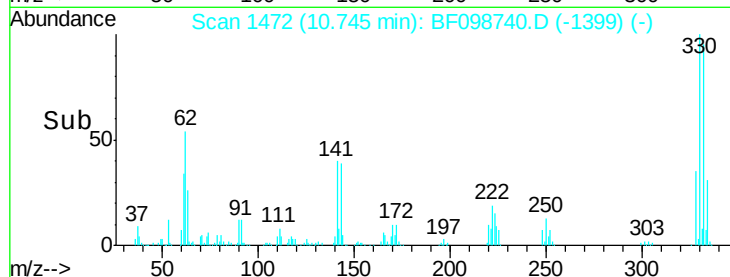
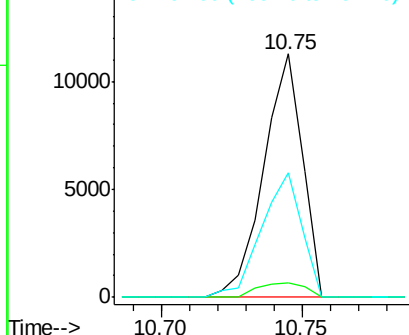
#65
 n-Nitrosodiphenylamine
 Concen: 0.56 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.13 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	5.7	54.4	81.6#
167	51.0	29.8	44.6#

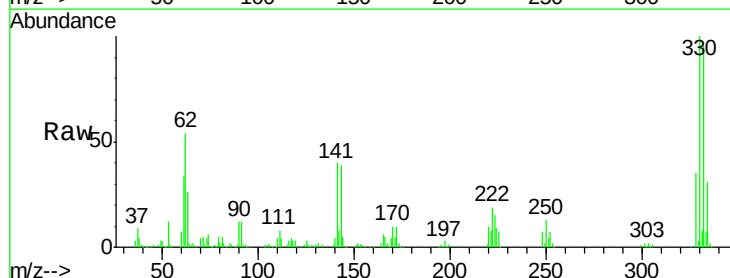


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

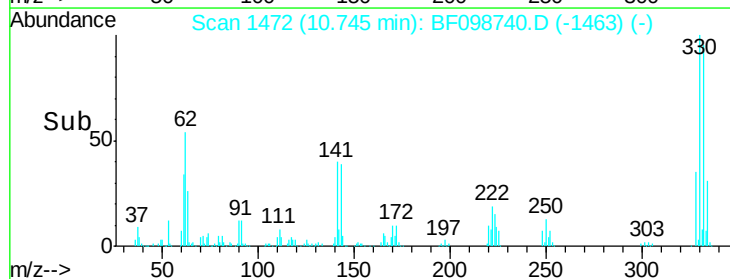
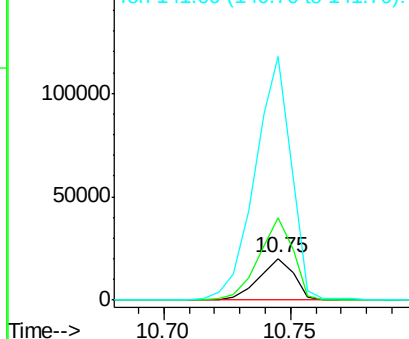


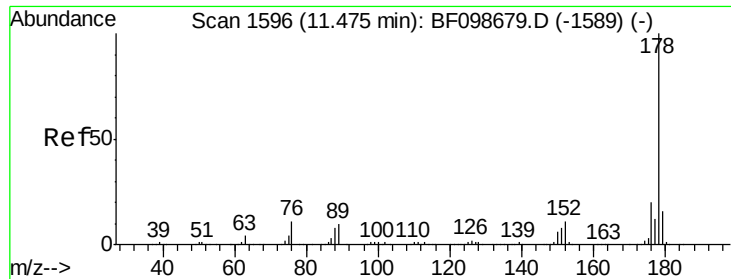
#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.25 min
 Lab File: BF098740.D
 Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	580.5	74.4	111.6#



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: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

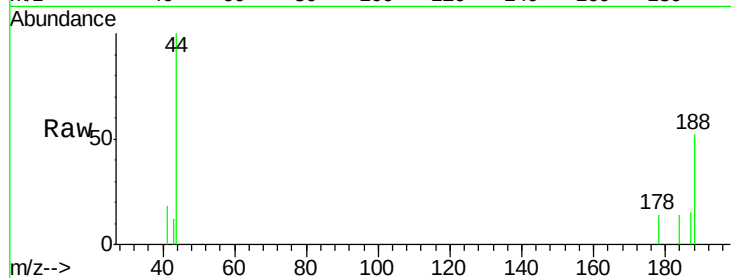
Tot Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

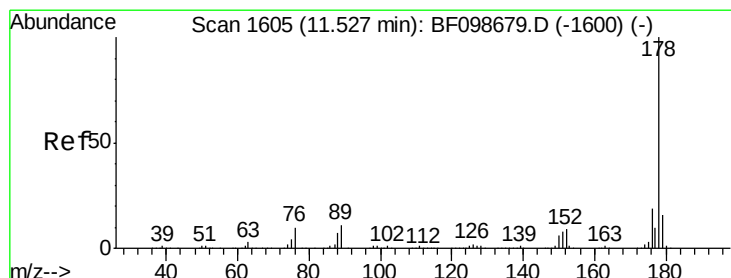
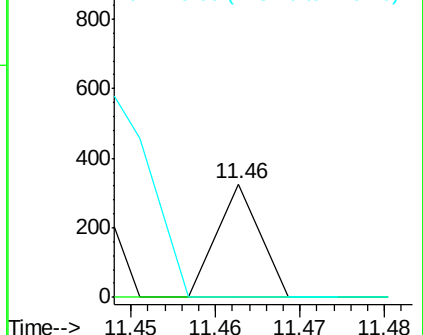
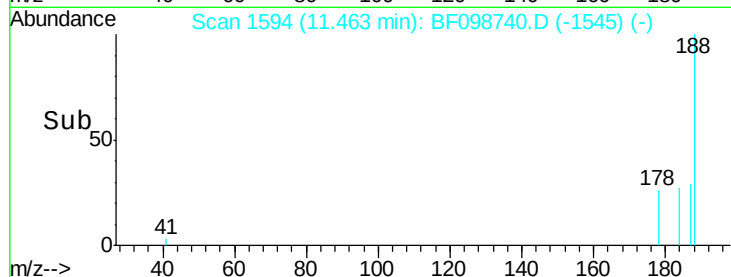
179 0.0 13.0 19.6#



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: 11.46 min Scan# 1594

Delta R.T. -0.06 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

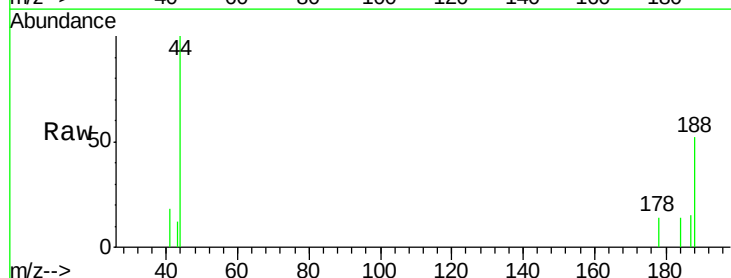
Tgt Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

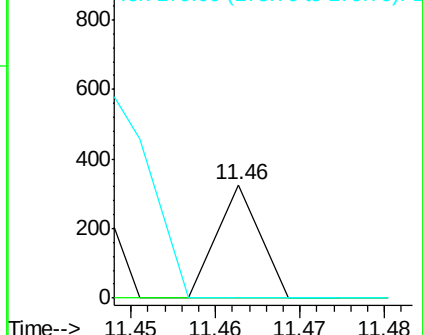
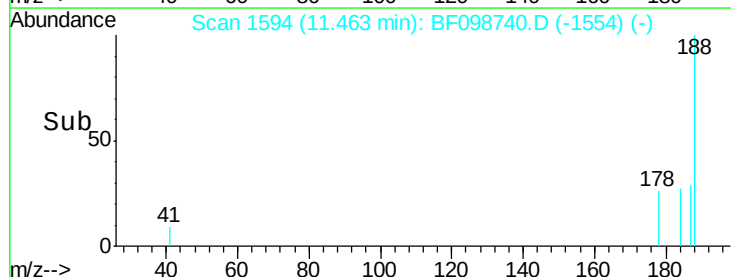
179 0.0 12.6 19.0#

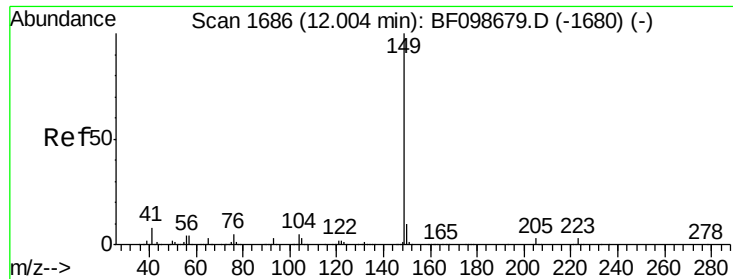


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.04 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098740.D

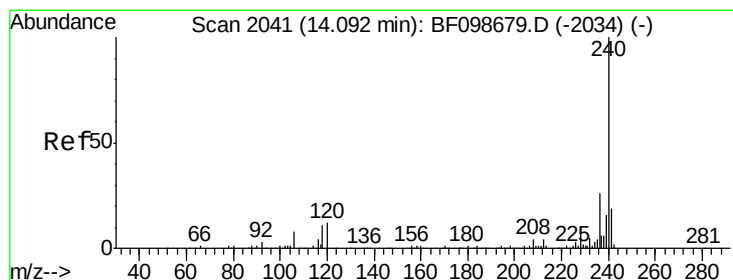
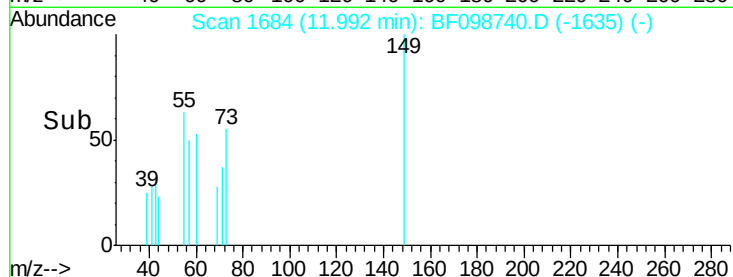
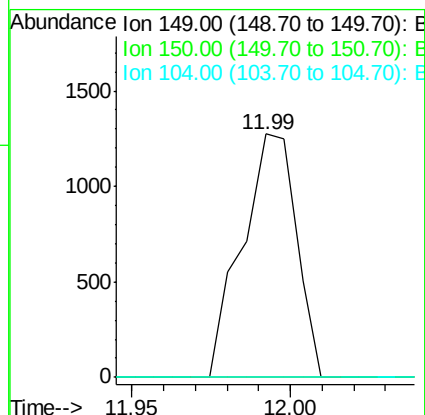
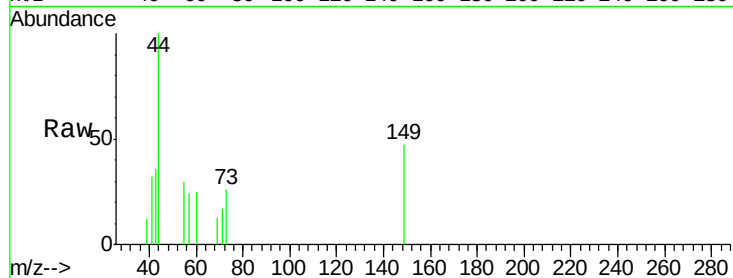
Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	1516
Ion Ratio	Lower	Upper
149	100	
150	0.0	7.8 11.6#
104	0.0	3.8 5.8#



#75

Chrysene-d12

Concen: 20.00 ng

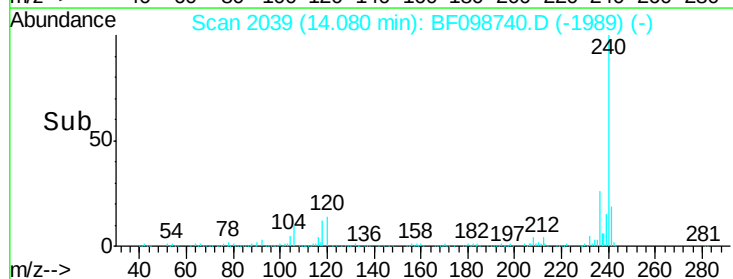
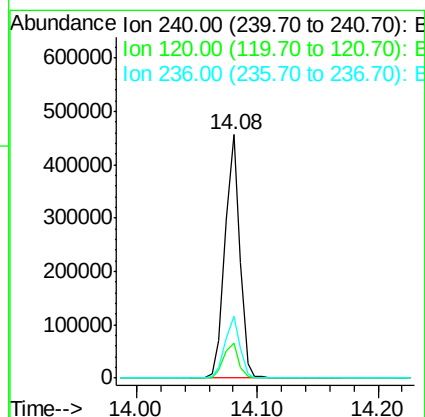
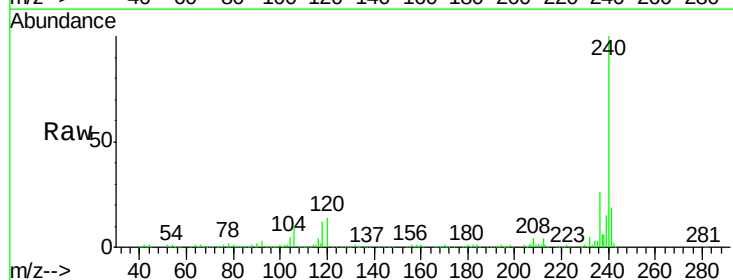
RT: 14.08 min Scan# 2039

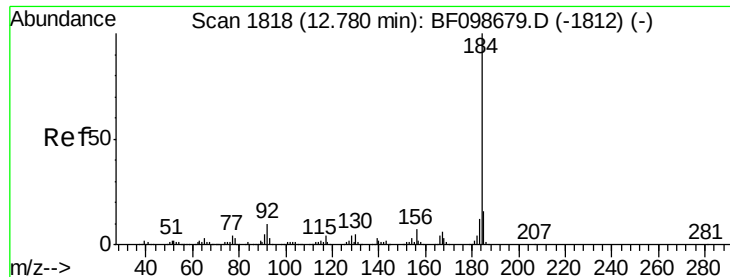
Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Tgt Ion:240	Resp:	384263
Ion Ratio	Lower	Upper
240	100	
120	14.2	9.5 14.3
236	25.6	20.7 31.1





#76

Benzidine

Concen: 1.50 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.25 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampled :

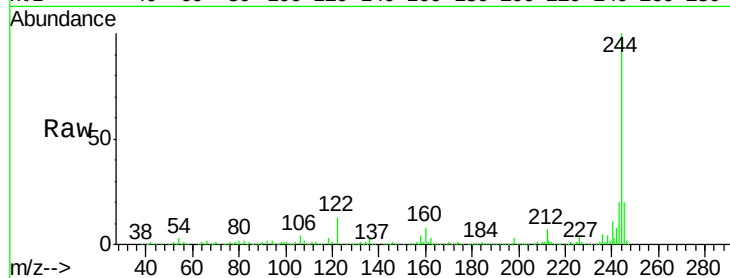
Tot Ion:184 Resp: 21303

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

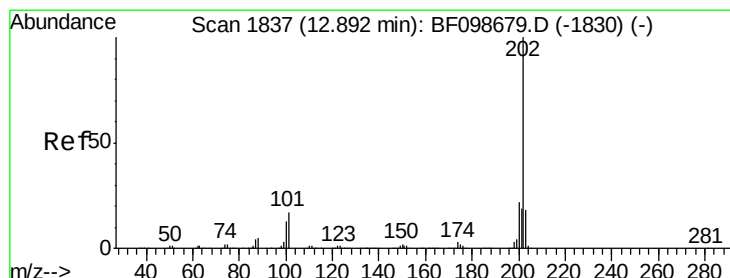
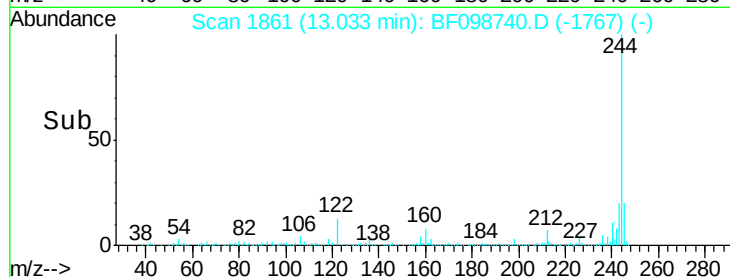
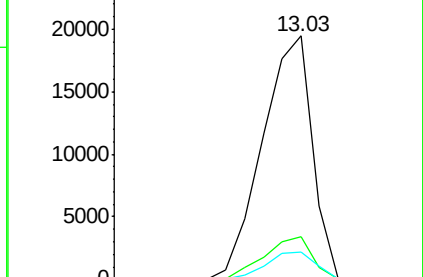
183 11.3 9.3 13.9



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: 0.17 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.14 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

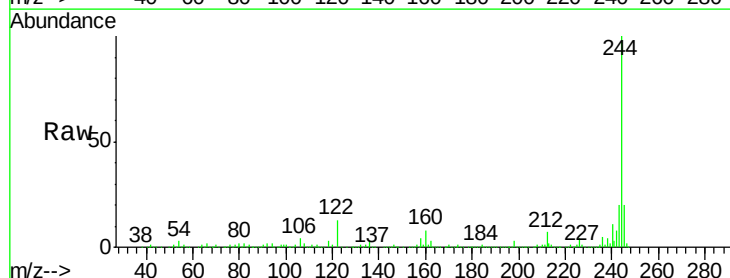
Tgt Ion:202 Resp: 5098

Ion Ratio Lower Upper

202 100

200 51.6 17.4 26.2#

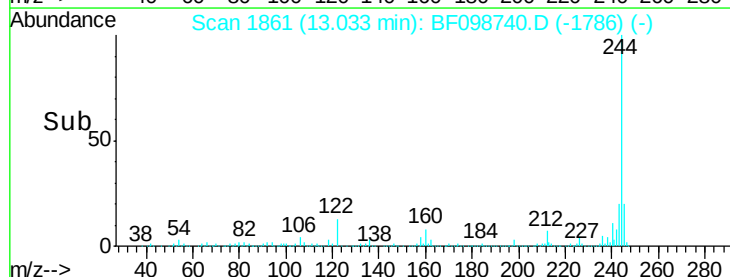
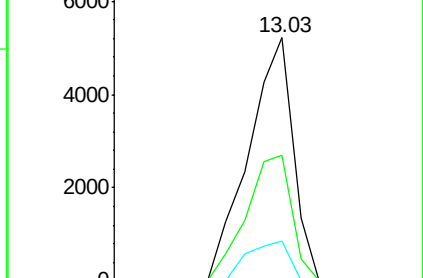
203 16.3 14.3 21.5

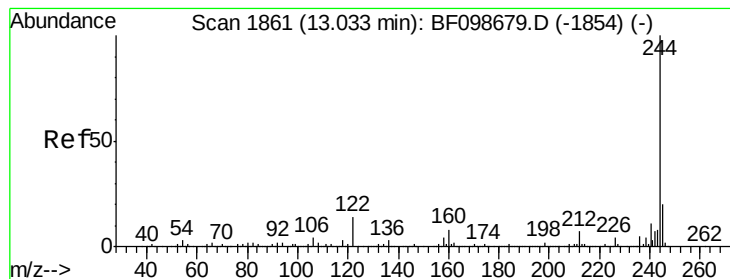


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.86 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

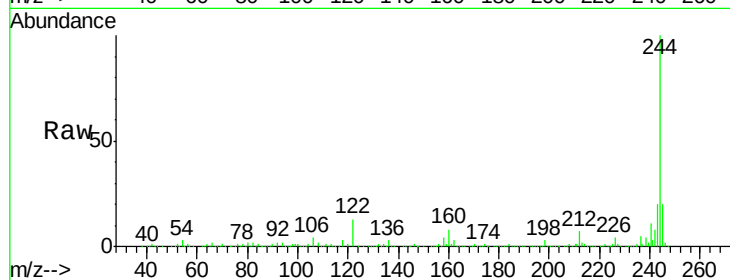
Tot Ion:244 Resp: 1484563

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

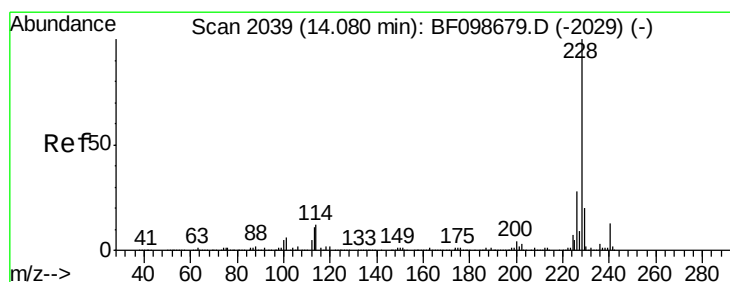
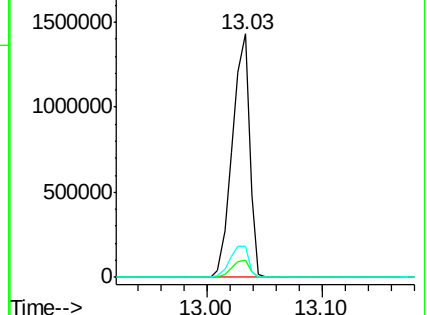
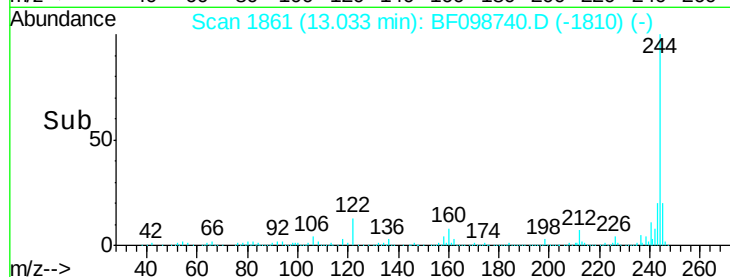
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

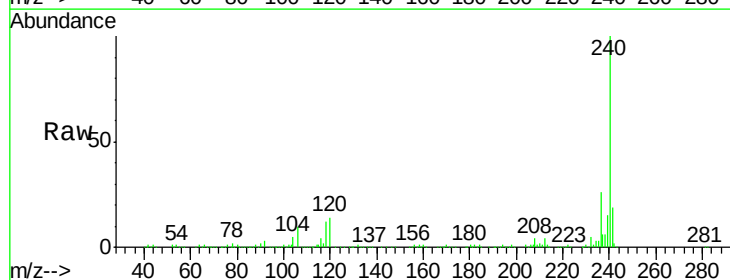
Tgt Ion:228 Resp: 892

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

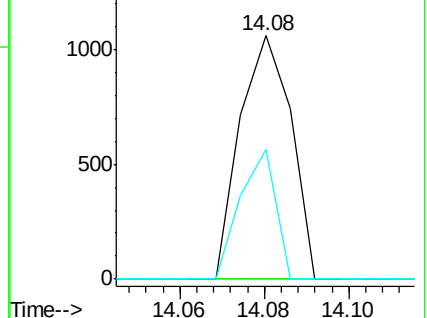
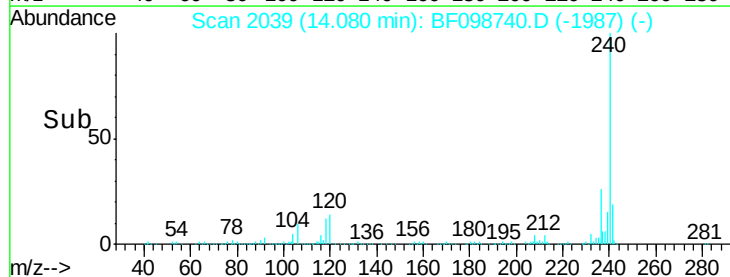
229 53.4 15.8 23.6#

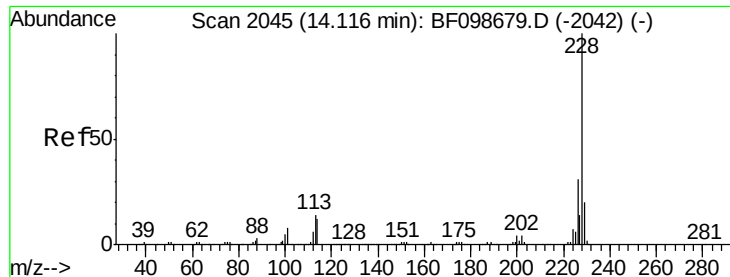


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

Instrument :

BNA_F

ClientSampleId :

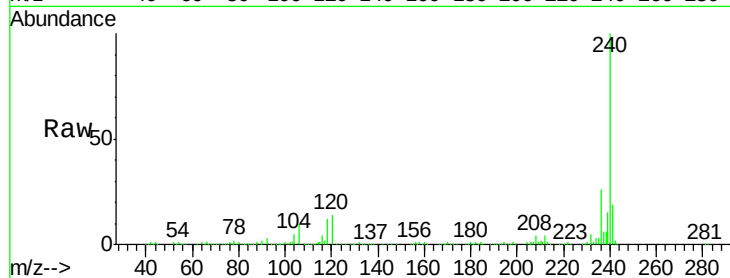
Tot Ion:228 Resp: 892

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

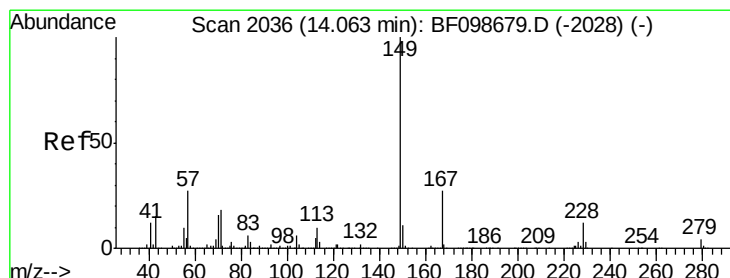
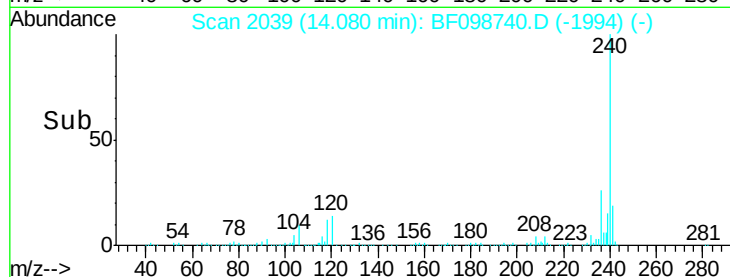
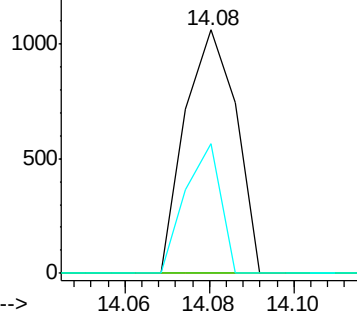
229 53.4 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

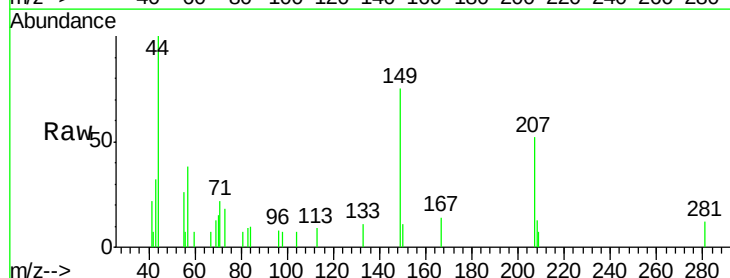
Tgt Ion:149 Resp: 3856

Ion Ratio Lower Upper

149 100

167 19.2 21.3 31.9#

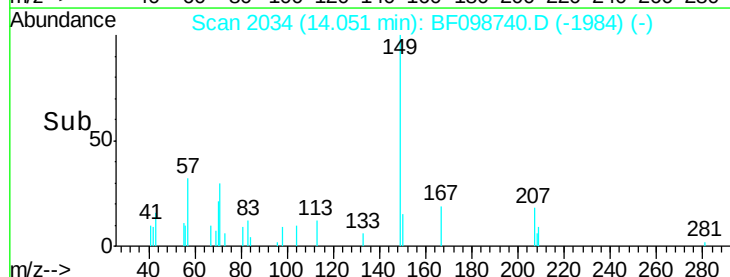
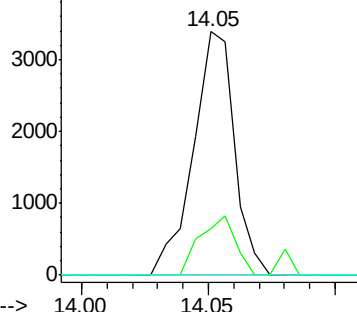
279 0.0 3.0 4.4#

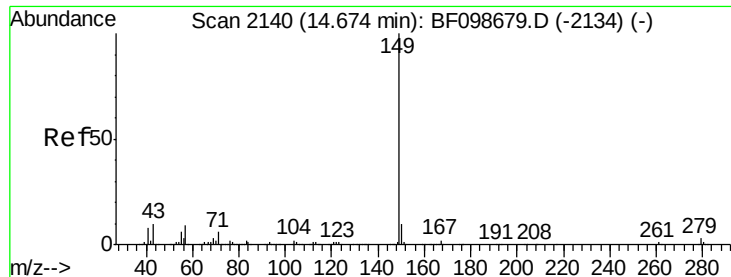


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

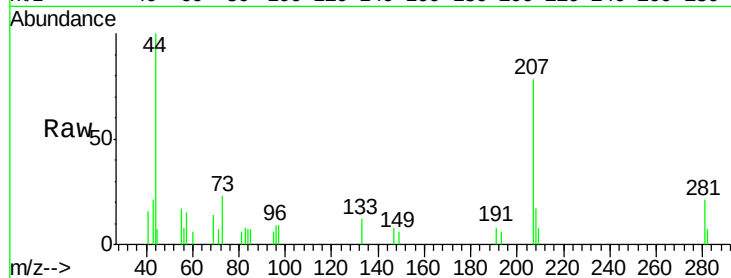




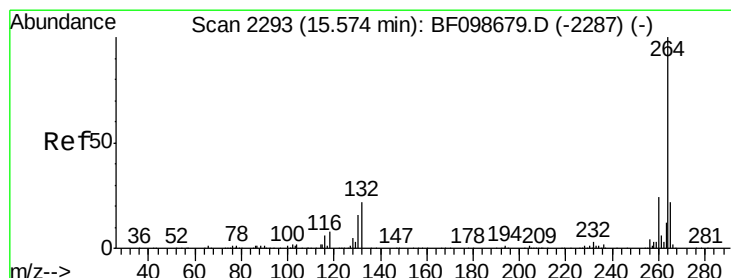
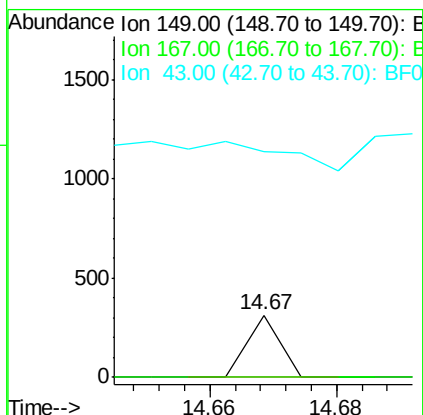
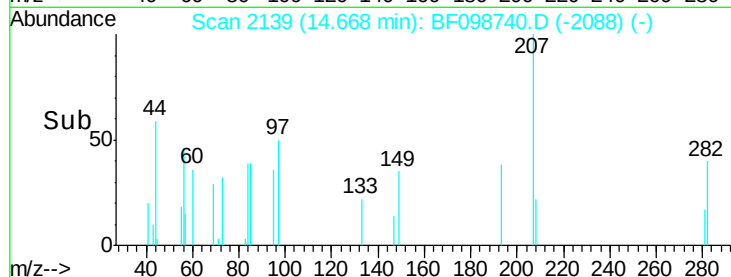
#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#

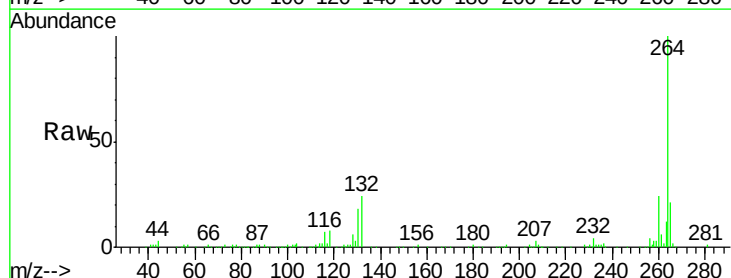


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

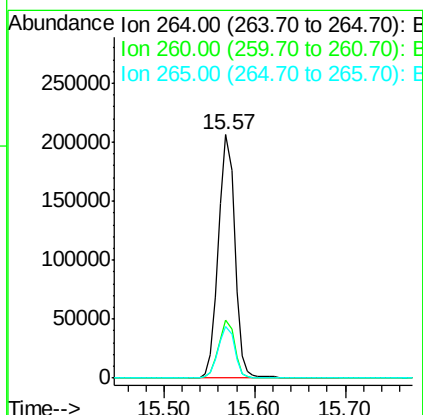
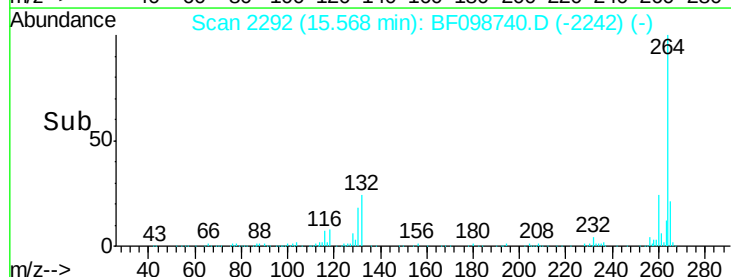


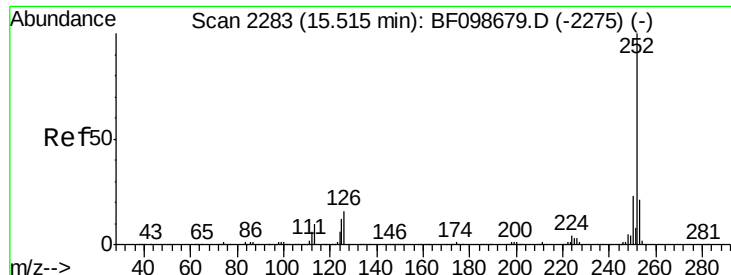
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098740.D
Acq: 23 Sep 2017 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3



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: 15.57 min Scan# 2293

Delta R.T. 0.06 min

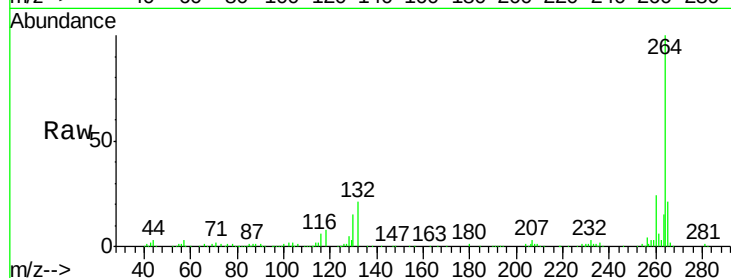
Lab File: BF098740.D

Acq: 23 Sep 2017 15:44

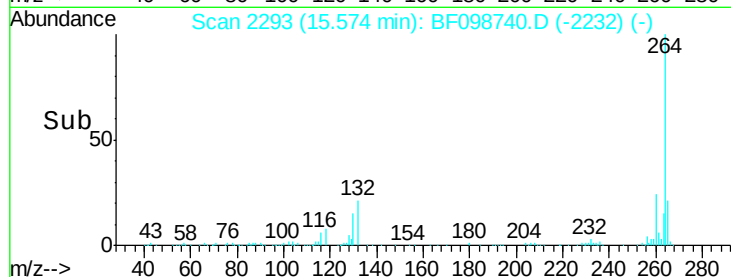
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	937
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.1	25.7#
125	54.1	9.8	14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

