

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098756.D
 Acq On : 23 Sep 2017 23:20
 Operator : SJ/JU
 Sample : I5304-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:59:36 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	139384	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	526949	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	189285	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	291605	20.00	ng	0.00
75) Chrysene-d12	14.09	240	276373	20.00	ng	0.00
86) Perylene-d12	15.58	264	228738	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1029028	117.52	ng	0.00
7) Phenol-d6	6.55	99	1209220	111.95	ng	0.00
23) Nitrobenzene-d5	7.49	82	690635	84.05	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	152853	98.69	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	958677	84.55	ng	0.00
78) Terphenyl-d14	13.03	244	737616	60.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.59	42	127	0.03	ng	# 1
6) Aniline	6.56	93	1047	0.07	ng	# 1
9) Benzaldehyde	6.69	77	21366	3.41	ng	85
10) Phenol	6.56	94	46545	3.85	ng	98
11) bis(2-Chloroethyl)ether	6.69	93	1383	0.15	ng	# 1
12) 1,3-Dichlorobenzene	7.09	146	108	0.01	ng	# 1
13) 1,4-Dichlorobenzene	7.09	146	108	0.01	ng	# 1
14) 1,2-Dichlorobenzene	7.09	146	108	0.01	ng	# 1
15) Benzyl Alcohol	7.08	79	12027	1.52	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	6.91	45	375	0.03	ng	# 1
17) 2-Methylphenol	7.05	107	450	0.06	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	90996	13.20	ng	# 77
20) 3+4-Methylphenols	7.05	107	450	0.04	ng	# 1
22) Acetophenone	7.32	105	131	0.01	ng	# 54
24) Nitrobenzene	7.49	77	1824	0.20	ng	# 35
25) Isophorone	7.49	82	689514	40.59	ng	# 64
28) bis(2-Chloroethoxy)methane	8.21	93	123	0.01	ng	# 15
45) 1,1'-Biphenyl	9.38	154	1734	0.11	ng	90
46) 2-Chloronaphthalene	9.67	162	1257	0.10	ng	# 1
47) 2-Nitroaniline	9.67	65	1346	0.36	ng	# 1
48) Acenaphthylene	9.81	152	440	0.02	ng	# 60
49) Dimethylphthalate	9.67	163	124514	8.72	ng	98
50) 2,6-Dinitrotoluene	9.67	165	1227	0.39	ng	# 1
51) Acenaphthene	9.96	154	722	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.96	165	24825	6.15	ng	# 22
57) Fluorene	10.75	166	9136	0.72	ng	# 93
59) Diethylphthalate	10.37	149	791	0.06	ng	# 61
60) 4-Chlorophenyl-phenylether	10.30	204	334	0.06	ng	# 24
62) Azobenzene	10.67	77	147	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.75	198	364	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.75	169	5827	0.58	ng	# 46
66) 4-Bromophenyl-phenylether	10.75	248	10572	3.70	ng	# 1
70) Phenanthrene	11.47	178	1337	0.09	ng	# 87
71) Anthracene	11.52	178	317	0.02	ng	# 60

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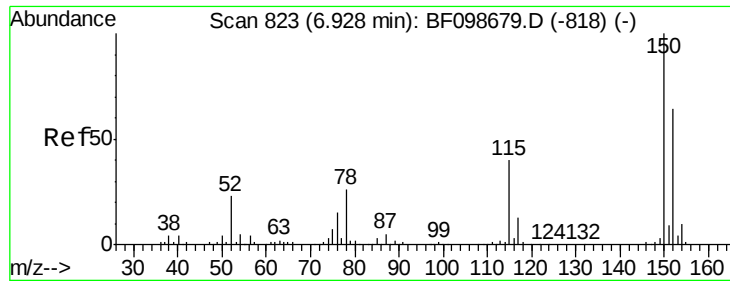
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:59:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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 Response via : Initial Calibration

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

72) Carbazole	11.67	167	289	0.02	nq	# 59
73) Di-n-butylphthalate	12.00	149	2161	0.11	nq	# 78
74) Fluoranthene	12.66	202	2172	0.14	nq	83
76) Benzidine	13.03	184	11210	1.10	nq	97
77) Pyrene	12.89	202	2198	0.10	nq	# 79
79) Butylbenzylphthalate	13.50	149	369	0.04	nq	# 1
80) Benzo(a)anthracene	14.07	228	2792	0.17	nq	# 41
81) 3,3'-Dichlorobenzidine	14.04	252	298	0.05	nq	# 1
82) Chrysene	14.11	228	1212	0.08	nq	# 80
83) Bis(2-ethylhexyl)phthalate	14.06	149	5399	0.40	nq	# 84
84) Di-n-octyl phthalate	14.67	149	1131	0.05	nq	# 75
85) Indeno(1,2,3-cd)pyrene	17.07	276	1418	0.11	nq	# 34
87) Benzo(b)fluoranthene	15.13	252	2466	0.18	nq	# 1
88) Benzo(k)fluoranthene	15.19	252	215	0.02	nq	# 1
89) Benzo(a)pyrene	15.50	252	1943	0.15	nq	# 1
90) Dibenzo(a,h)anthracene	17.12	278	136	0.01	nq	# 1
91) Benzo(g,h,i)perylene	17.53	276	1240	0.12	nq	# 1

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

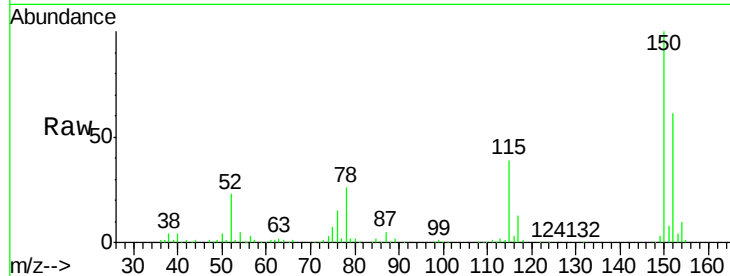


#1

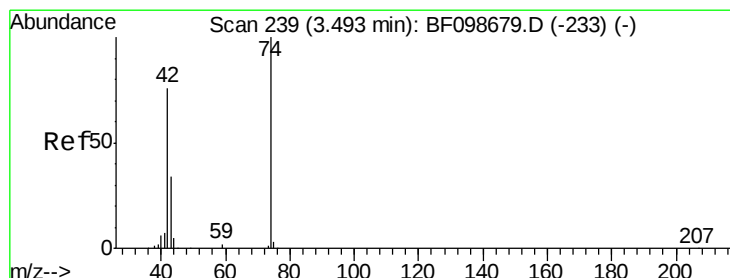
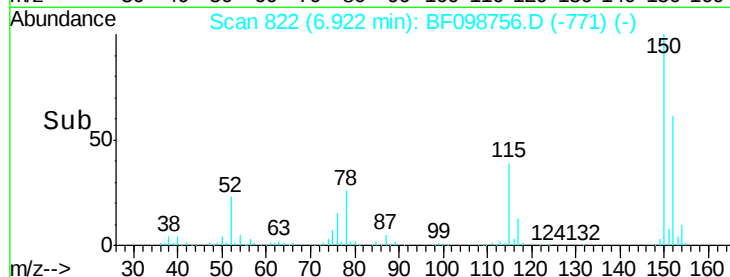
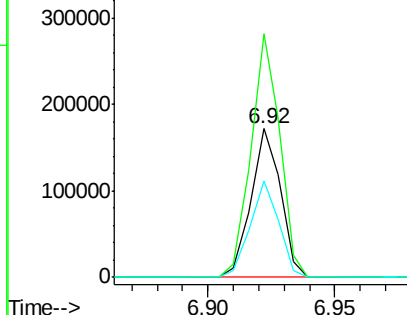
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	124.6	186.8
115	64.6	50.1	75.1



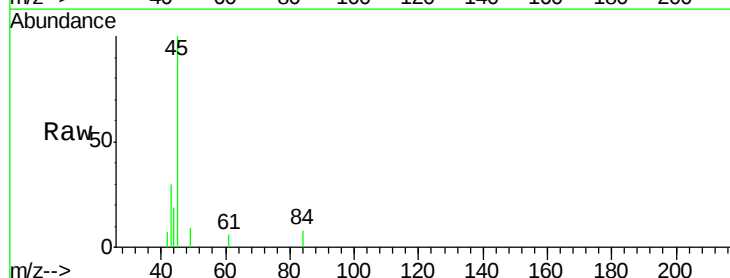
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



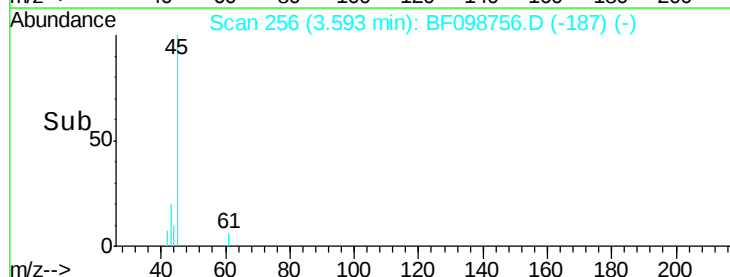
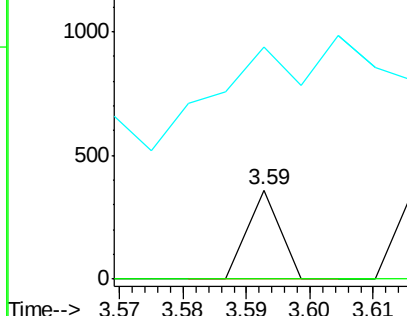
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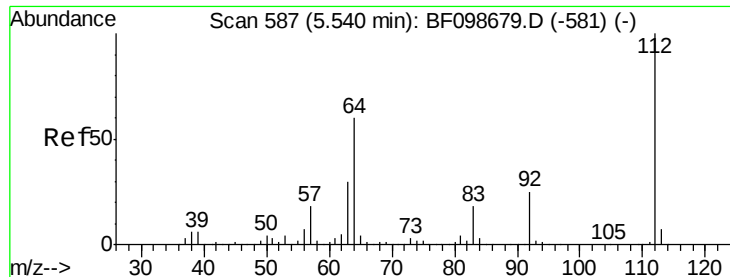
n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.11 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	261.4	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.52 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

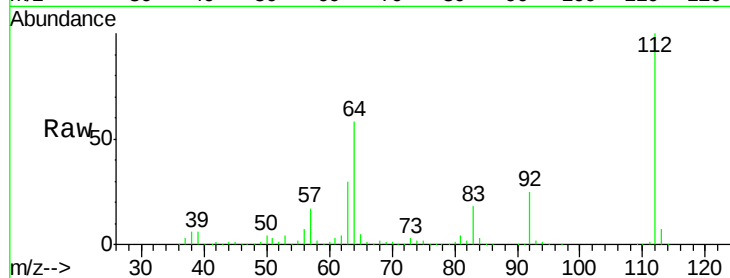
Tot Ion:112 Resp: 1029028

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

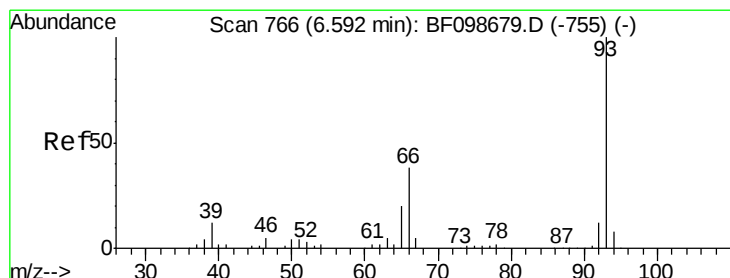
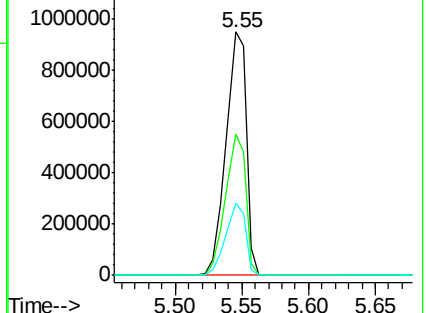
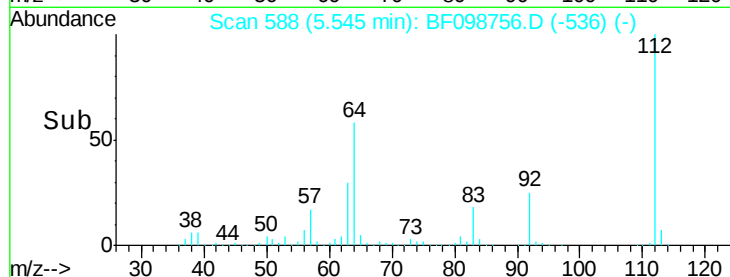
63 29.6 23.7 35.5



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: 0.07 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

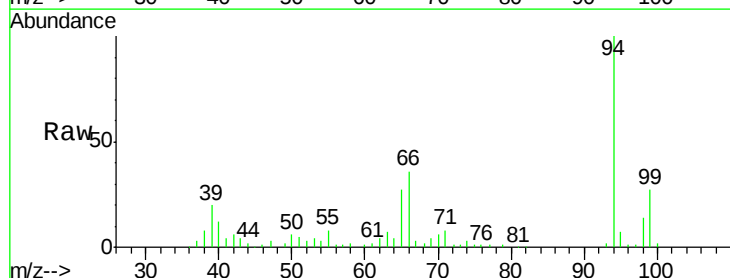
Tgt Ion: 93 Resp: 1047

Ion Ratio Lower Upper

93 100

66 1530.9 32.2 48.2#

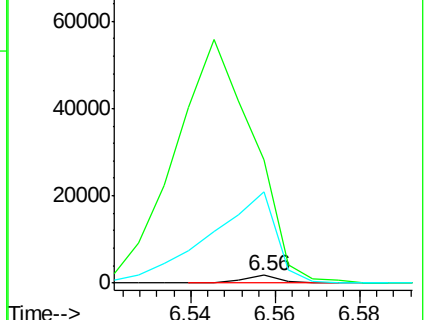
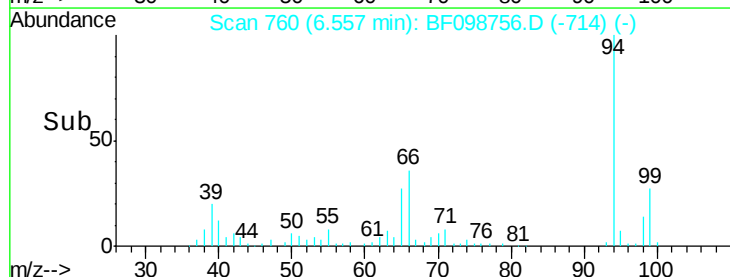
65 1138.7 16.4 24.6#

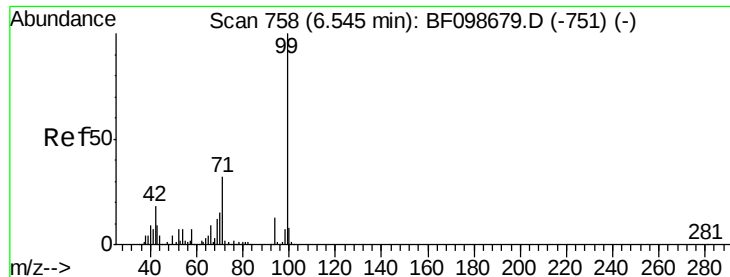


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.95 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

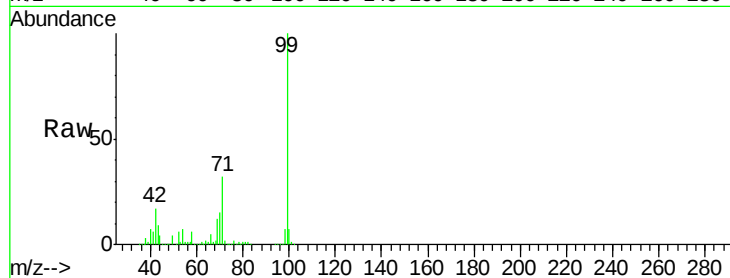
Tot Ion: 99 Resp: 1209220

Ion Ratio Lower Upper

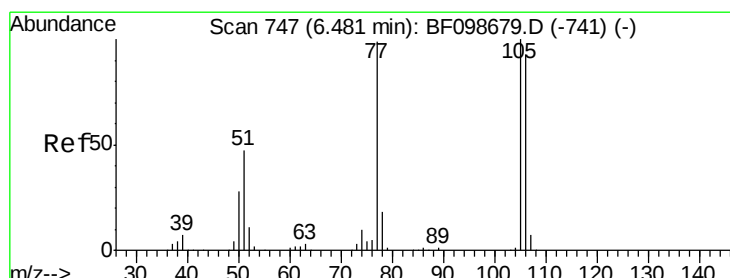
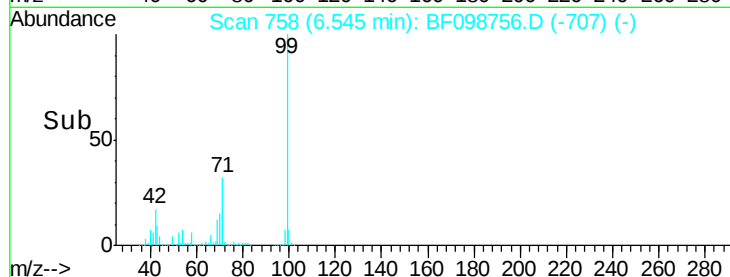
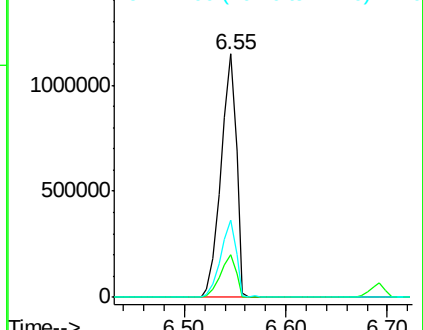
99 100

42 17.4 14.5 21.7

71 31.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.41 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

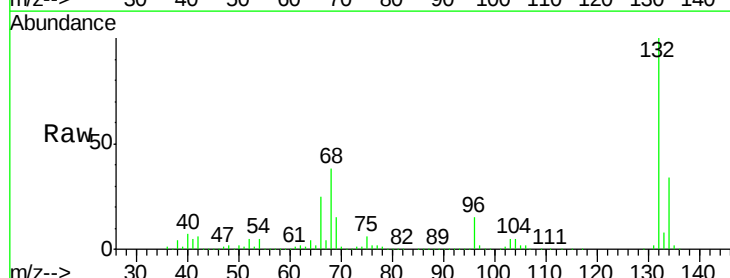
Tgt Ion: 77 Resp: 21366

Ion Ratio Lower Upper

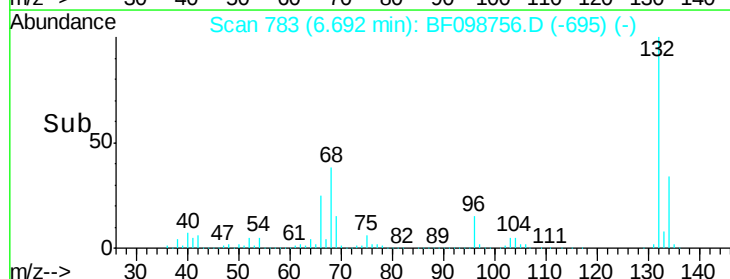
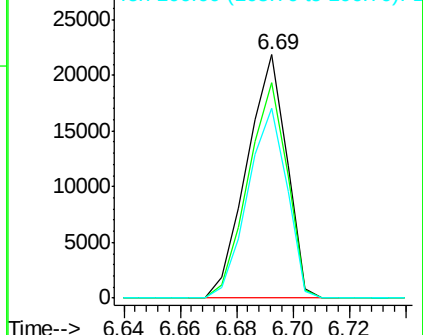
77 100

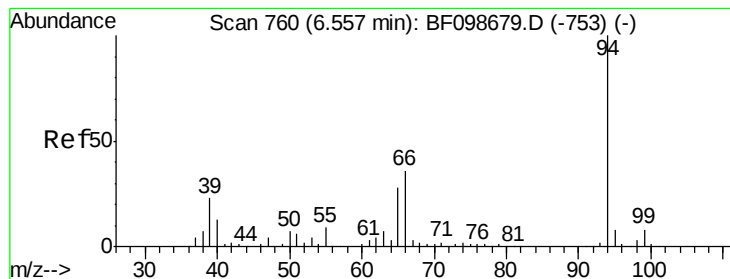
105 88.6 81.1 121.1

106 77.7 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: 3.85 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampled :

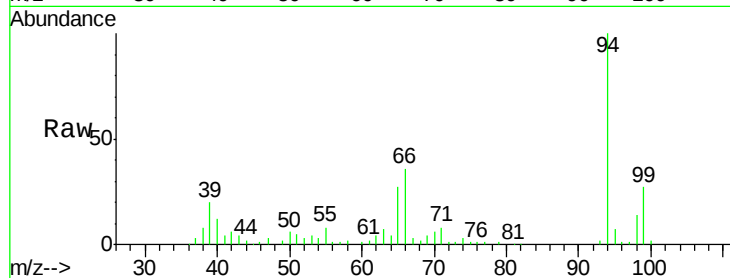
Tot Ion: 94 Resp: 46545

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

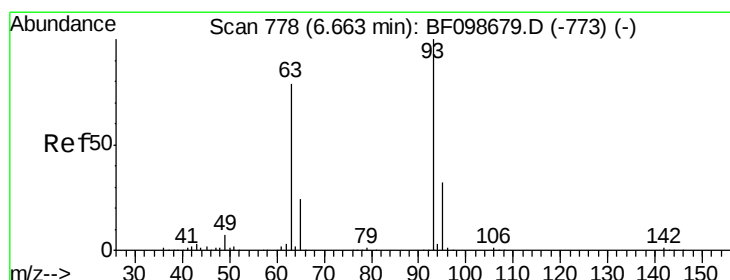
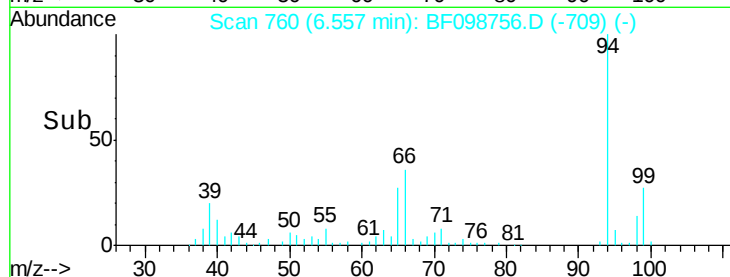
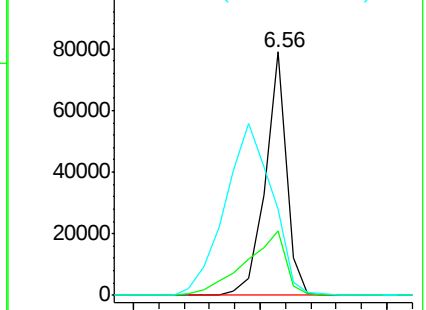
66 35.6 16.2 56.2



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: 0.15 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.04 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

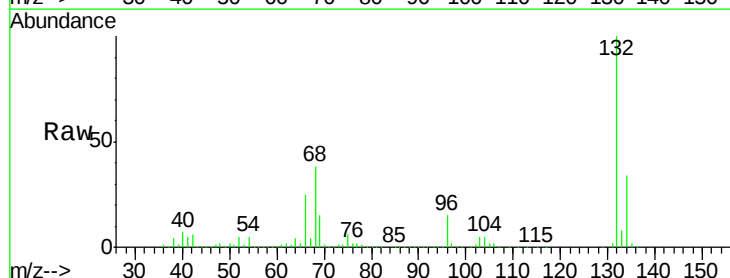
Tgt Ion: 93 Resp: 1383

Ion Ratio Lower Upper

93 100

63 710.0 58.6 98.6#

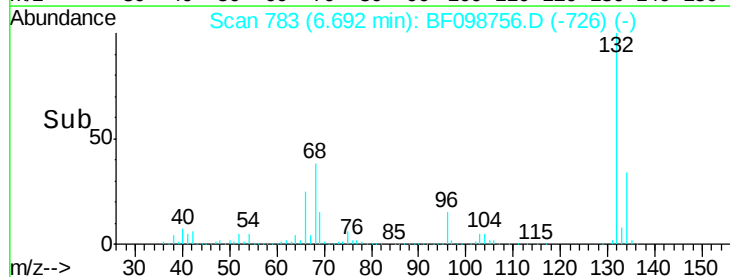
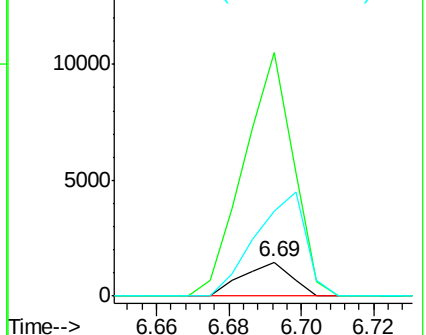
95 248.2 11.8 51.8#

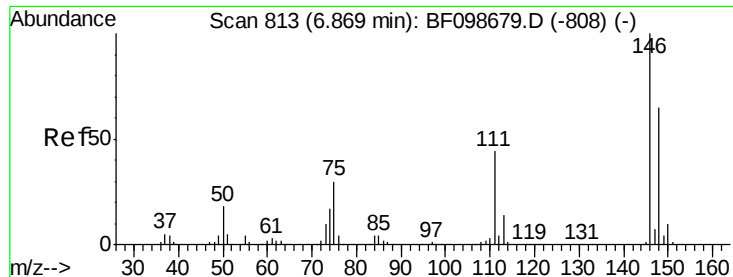


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.23 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

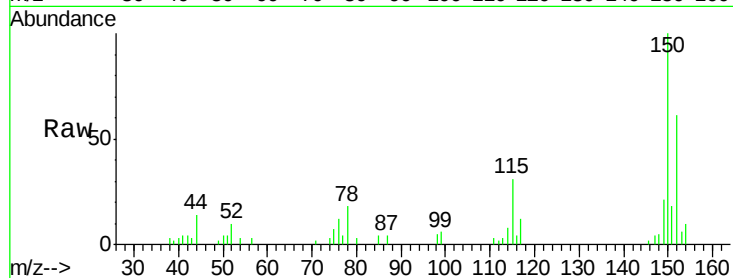
Tot Ion:146 Resp: 108

Ion Ratio Lower Upper

146 100

148 264.4 51.8 77.8#

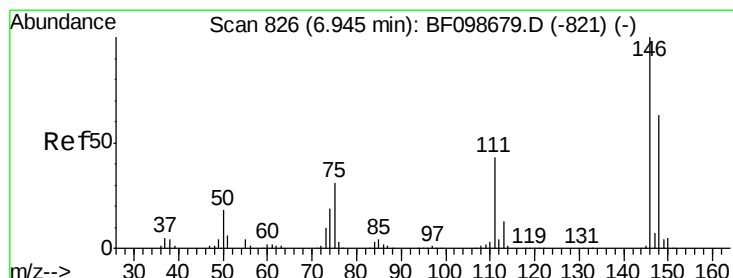
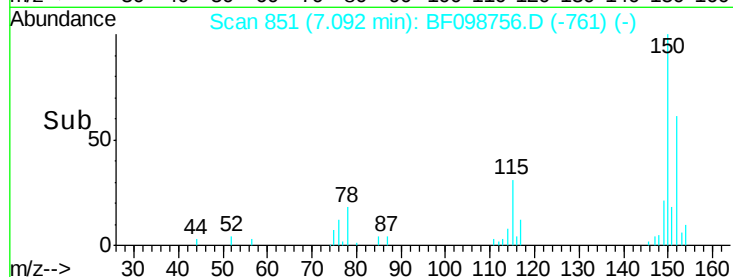
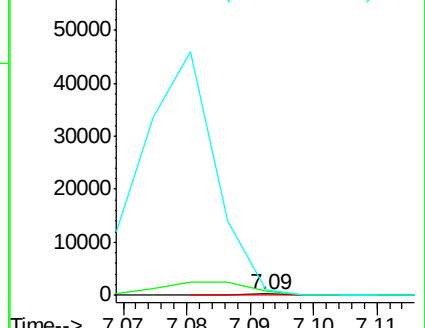
75 358.5 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.01 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.15 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

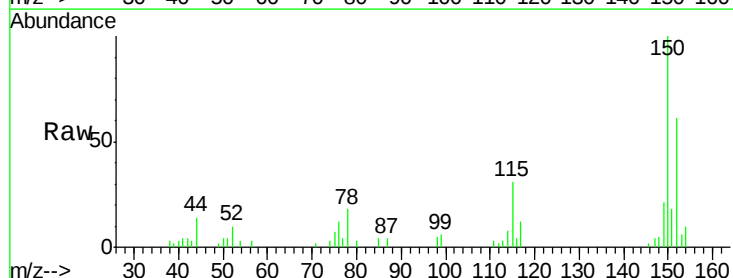
Tgt Ion:146 Resp: 108

Ion Ratio Lower Upper

146 100

148 264.4 50.8 76.2#

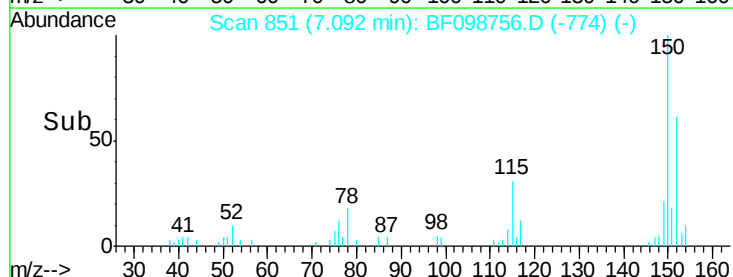
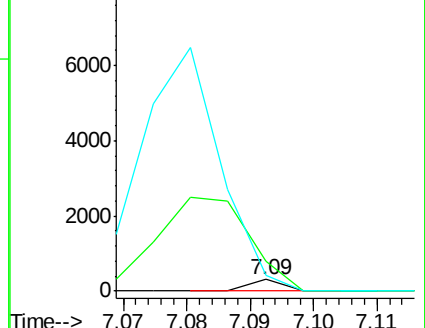
111 140.2 34.2 51.2#

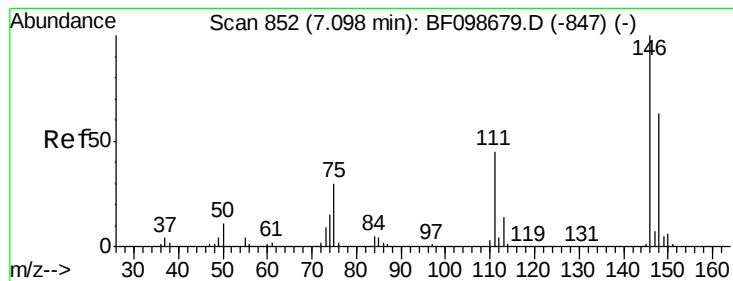


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

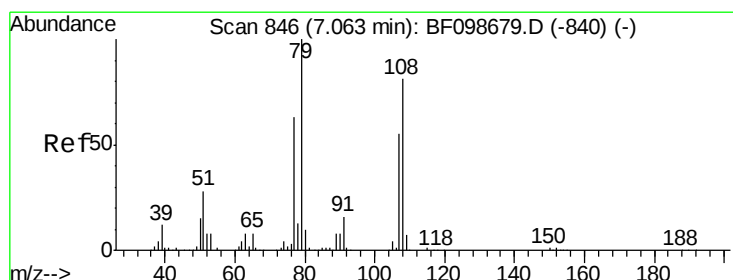
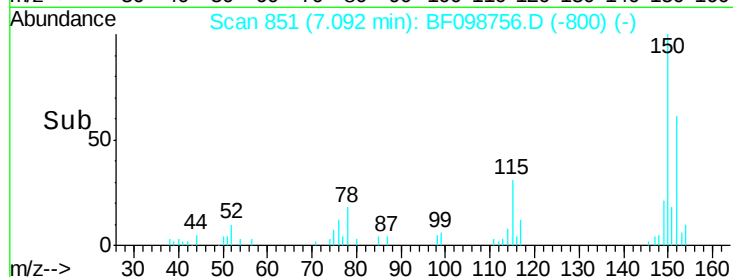
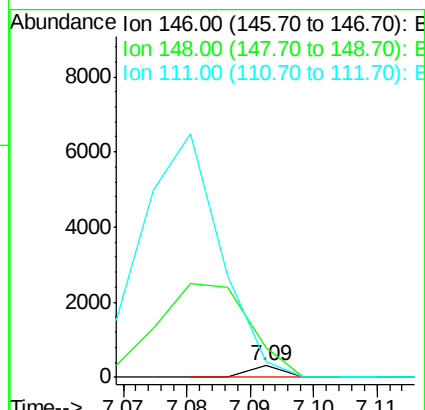
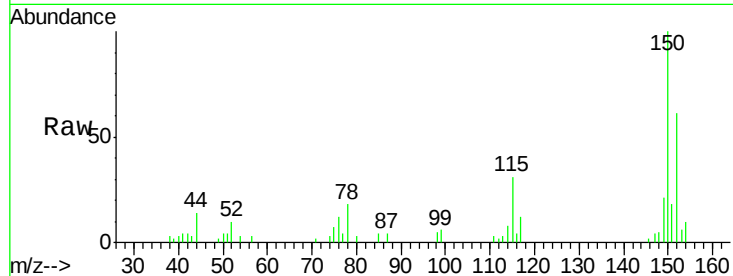




#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

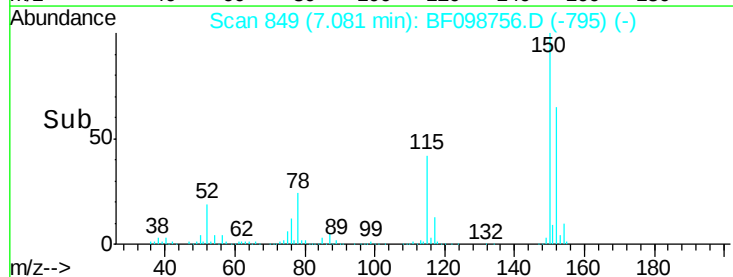
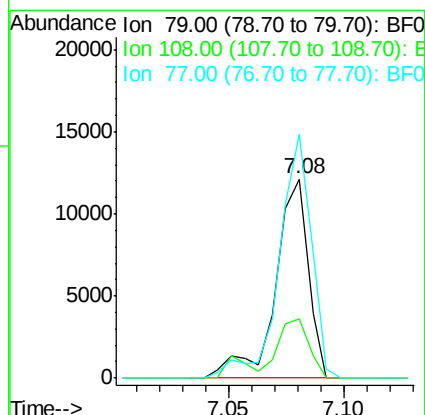
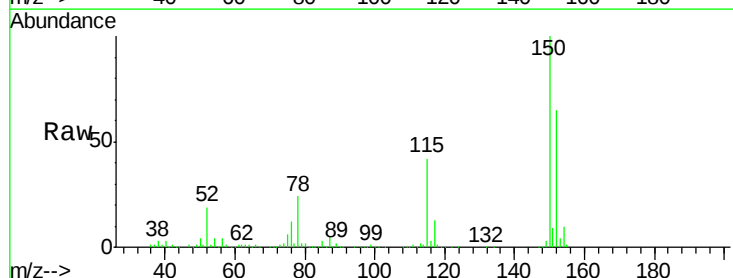
Instrument :
 BNA_F
 ClientSampleId :

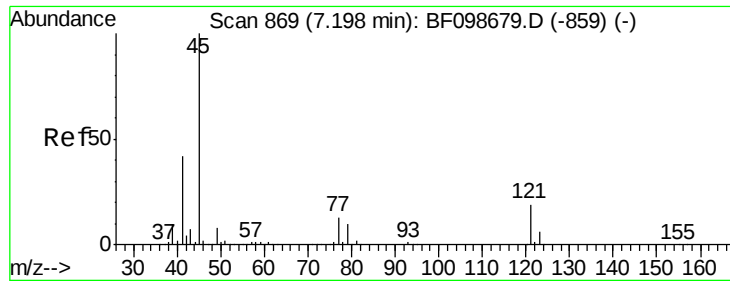
Tot Ion:146 Resp: 108
 Ion Ratio Lower Upper
 146 100
 148 264.4 50.6 75.8#
 111 140.2 36.0 54.0#



#15
 Benzyl Alcohol
 Concen: 1.52 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.02 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion: 79 Resp: 12027
 Ion Ratio Lower Upper
 79 100
 108 30.0 65.1 97.7#
 77 122.3 50.6 75.8#

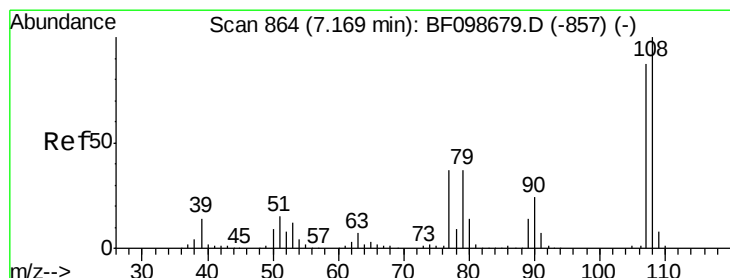
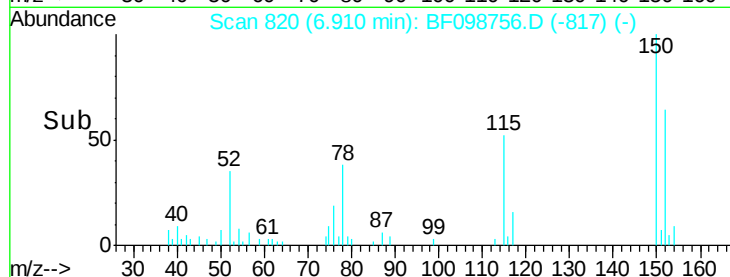
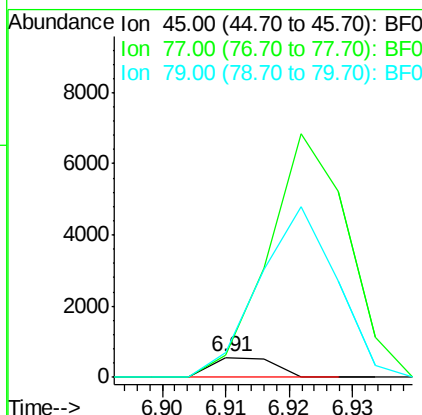
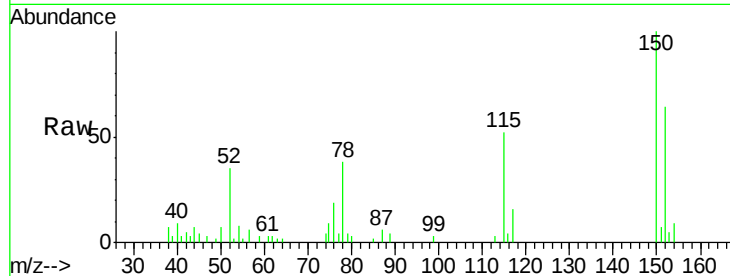




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.03 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.28 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

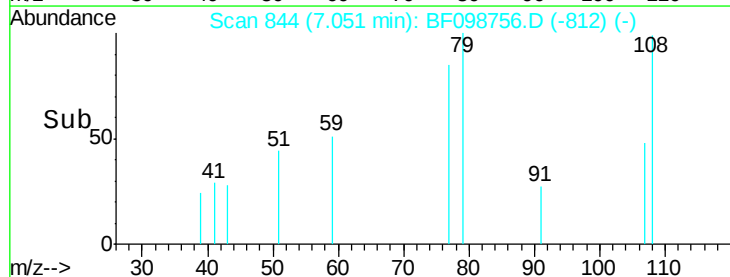
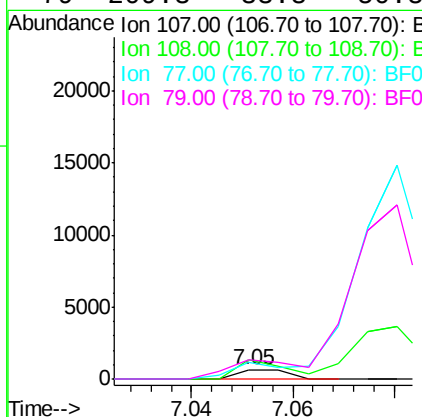
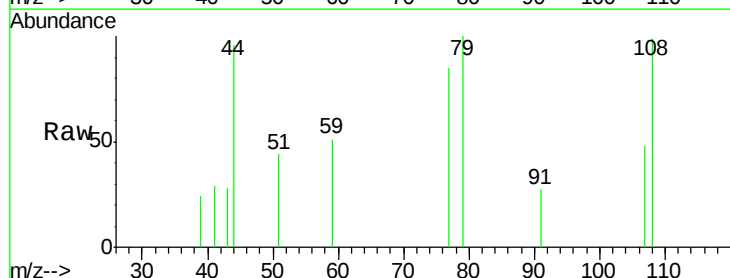
Instrument :
BNA_F
ClientSampleId :

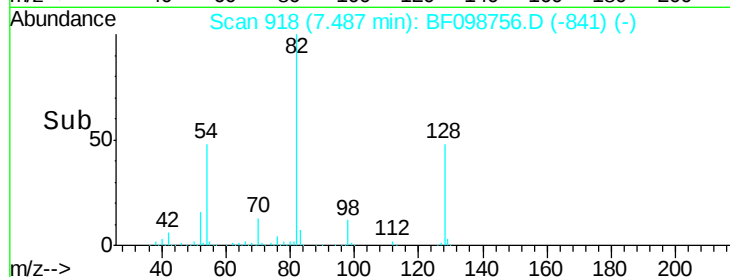
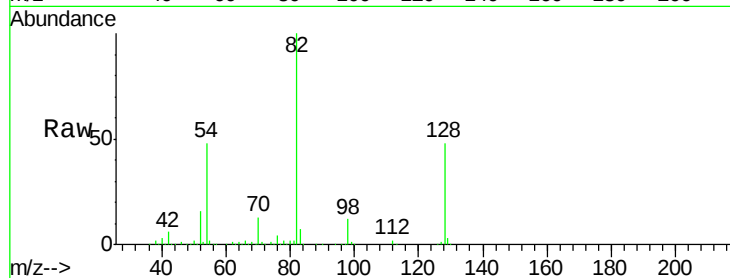
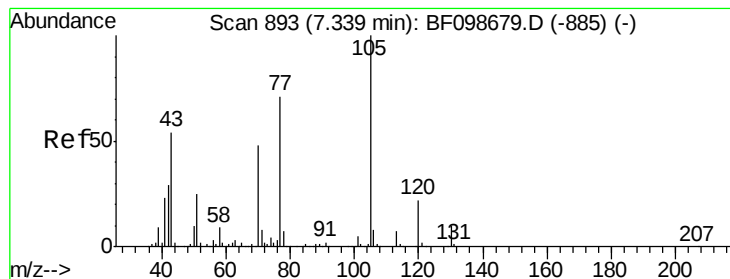
Tot Ion: 45 Resp: 375
Ion Ratio Lower Upper
45 100
77 111.5 0.0 32.9#
79 122.2 0.0 29.6#



#17
2-Methylphenol
Concen: 0.06 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.11 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion: 107 Resp: 450
Ion Ratio Lower Upper
107 100
108 208.3 91.7 137.5#
77 176.9 33.8 50.8#
79 209.3 33.8 50.8#





#19

n-Nitroso-di-n-propylamine

Concen: 13.20 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.15 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 90996

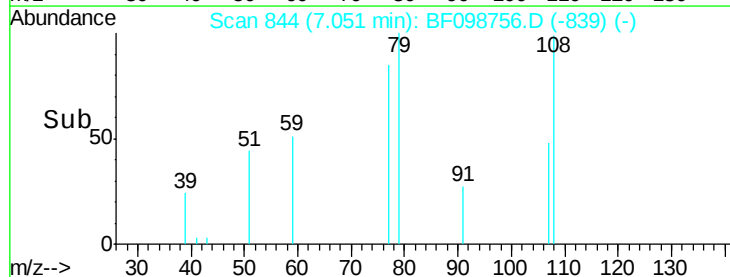
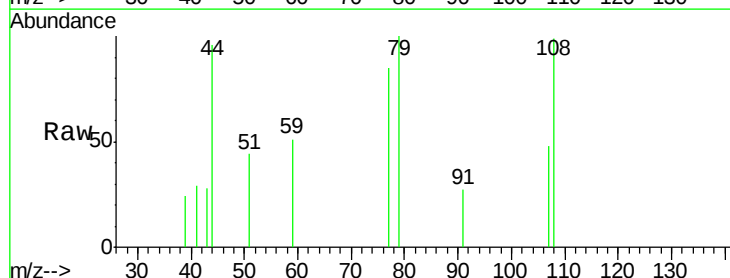
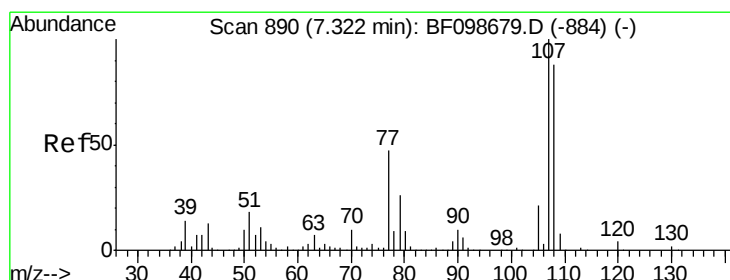
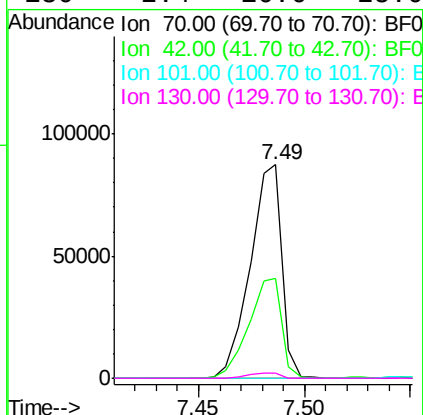
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#20

3+4-Methylphenols

Concen: 0.04 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.27 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Tgt Ion:107 Resp: 450

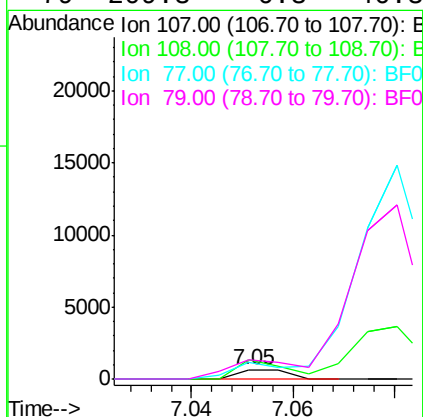
Ion Ratio Lower Upper

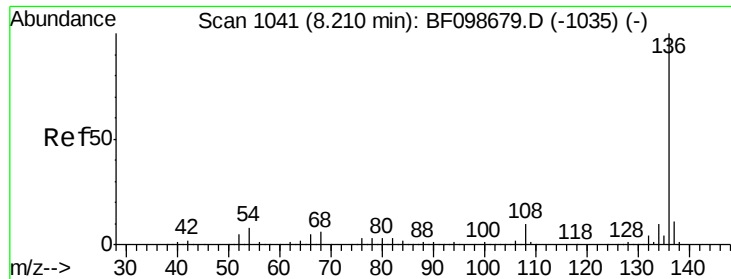
107 100

108 208.3 68.2 108.2#

77 176.9 26.7 66.7#

79 209.3 6.3 46.3#

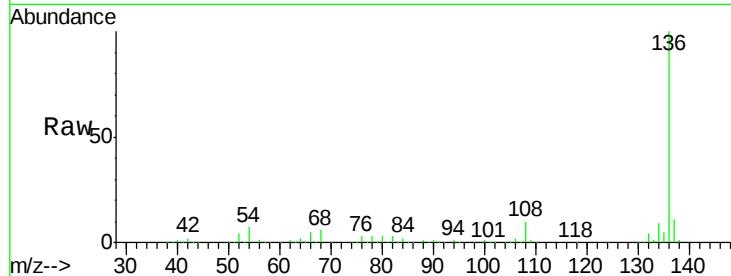




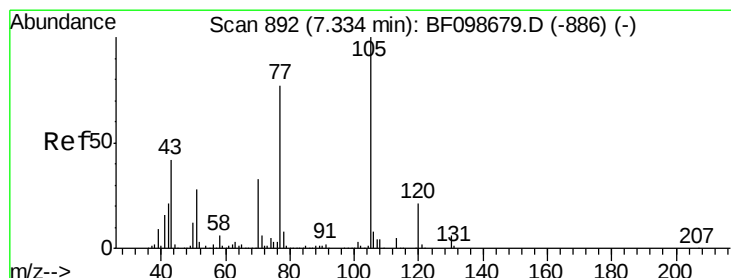
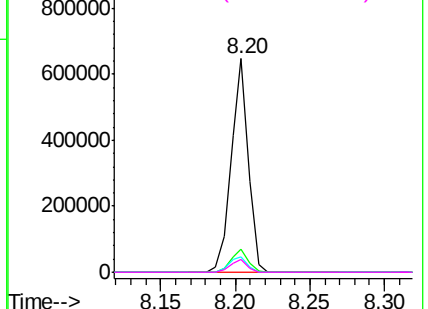
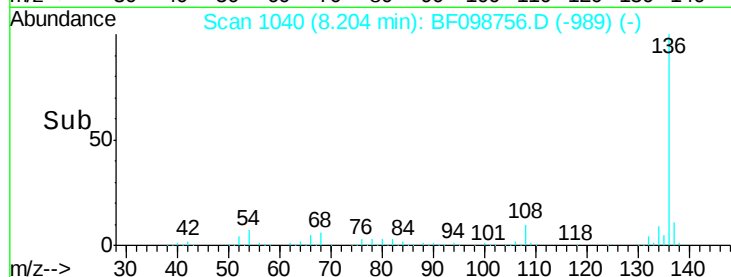
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	526949
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.5	6.6 9.8
68	5.9	5.0 7.4

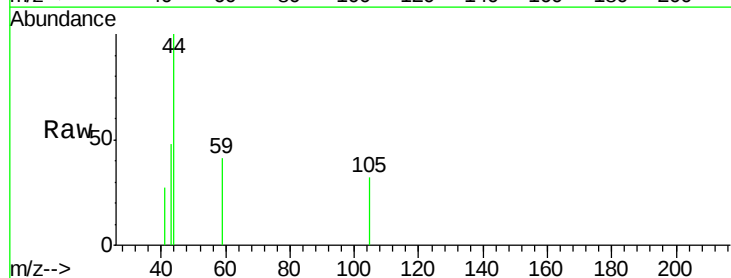


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

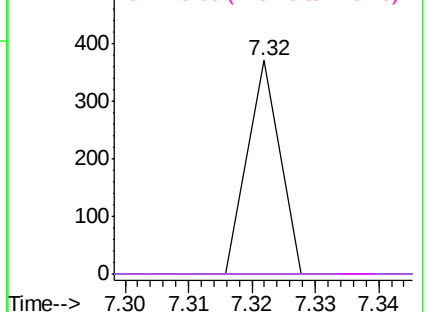
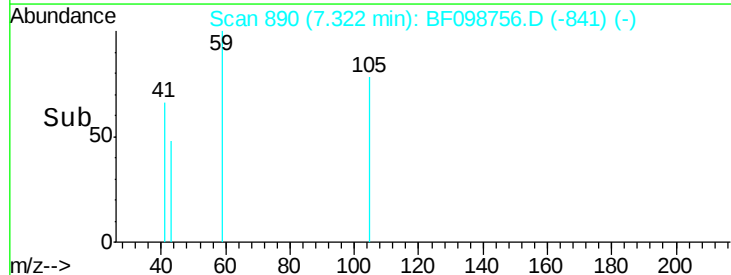


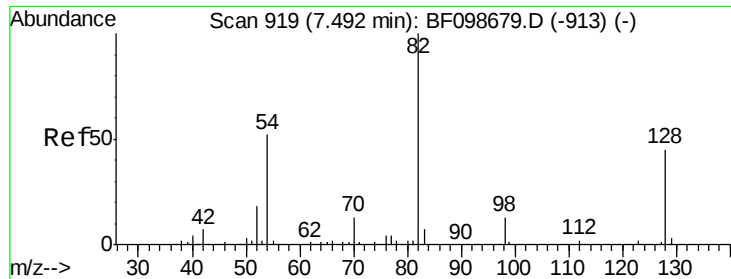
#22
Acetophenone
Concen: 0.01 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion:105	Resp:	131
Ion	Ratio	Lower Upper
105	100	
71	0.0	4.4 6.6#
51	0.0	22.3 33.5#
120	0.0	16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

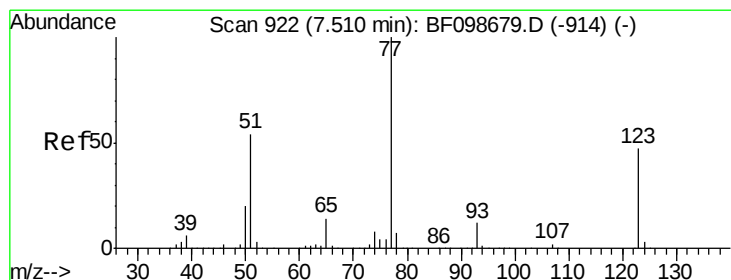
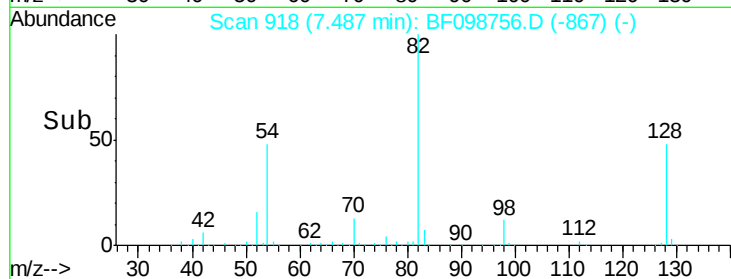
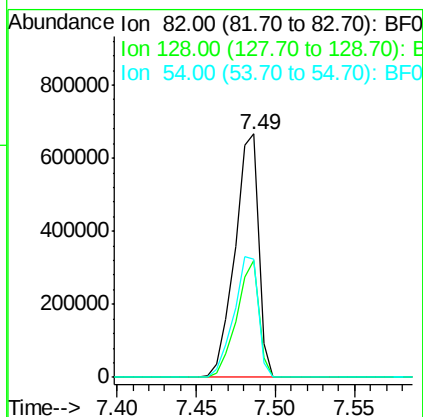
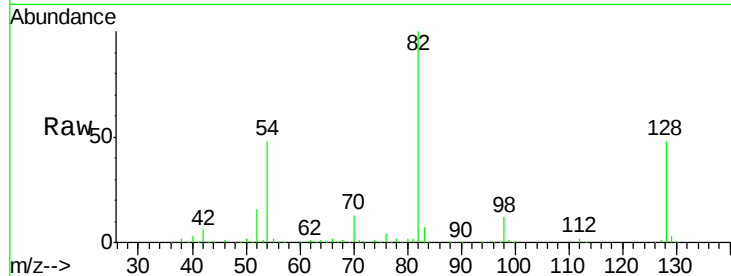




#23
 Nitrobenzene-d5
 Concen: 84.05 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

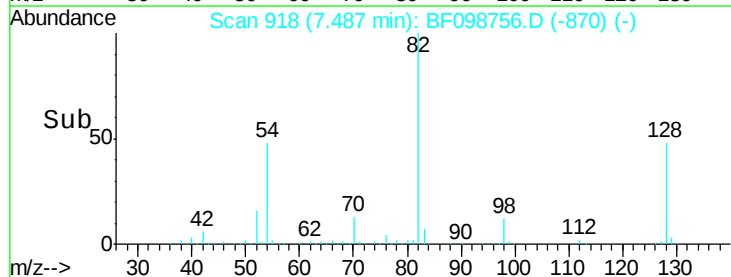
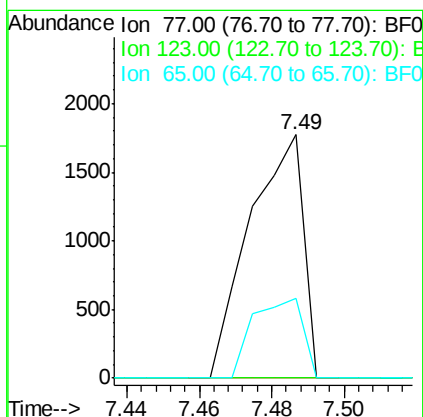
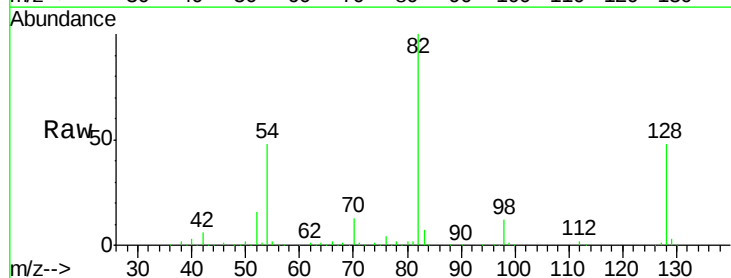
Instrument :
 BNA_F
 ClientSampled :

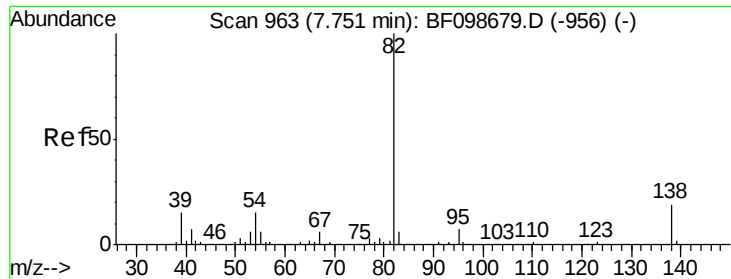
Tot Ion	82	Resp	690635
Ion Ratio	100	Lower	Upper
128	48.2	36.1	54.1
54	48.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion	77	Resp	1824
Ion Ratio	100	Lower	Upper
123	0.0	37.9	56.9#
65	32.9	11.0	16.4#





#25

Isophorone

Concen: 40.59 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

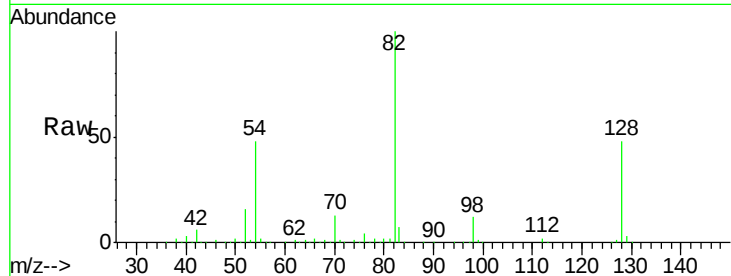
Tot Ion: 82 Resp: 689514

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

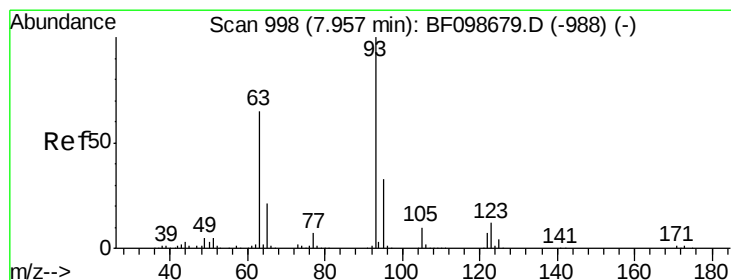
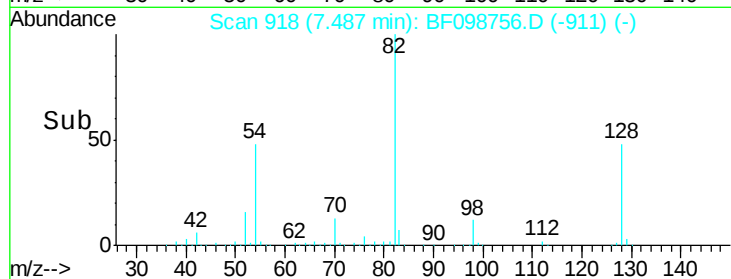
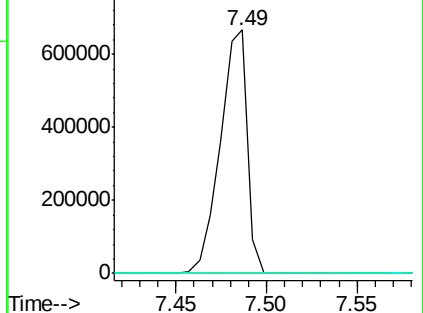
138 0.0 14.9 22.3#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.01 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.26 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

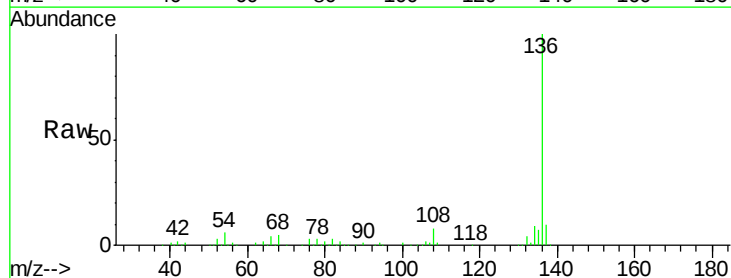
Tgt Ion: 93 Resp: 123

Ion Ratio Lower Upper

93 100

95 92.2 26.3 39.5#

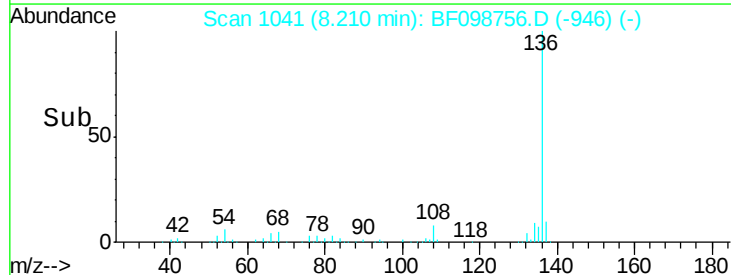
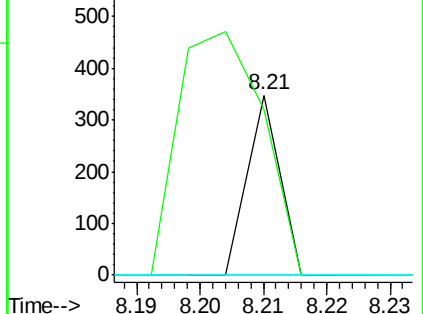
123 0.0 9.8 14.6#

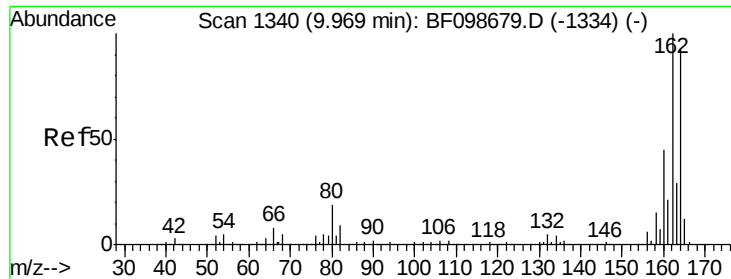


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

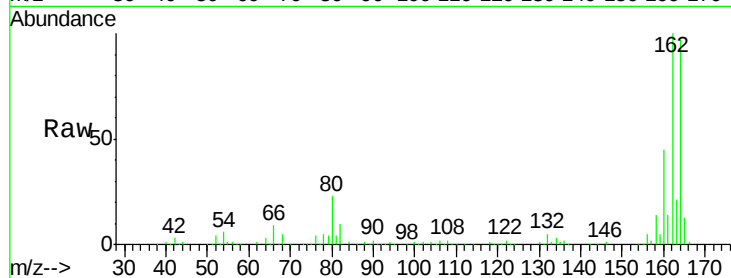




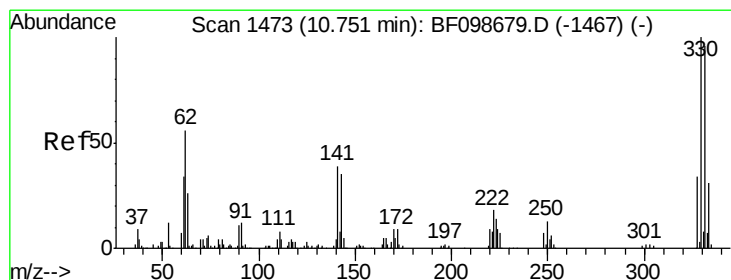
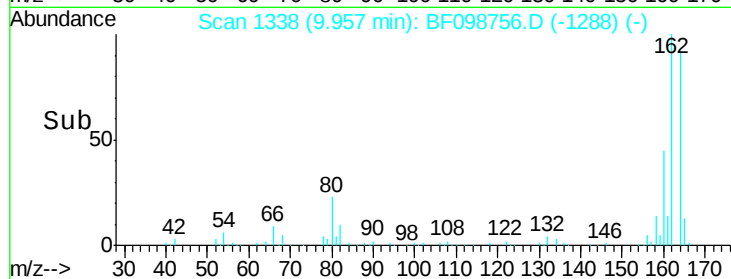
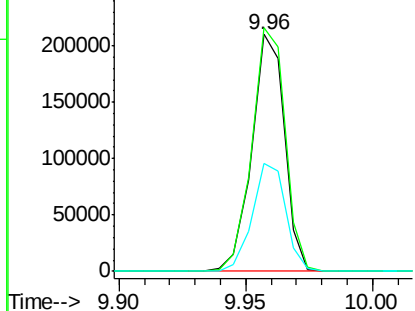
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 189285
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.7 38.3 57.5

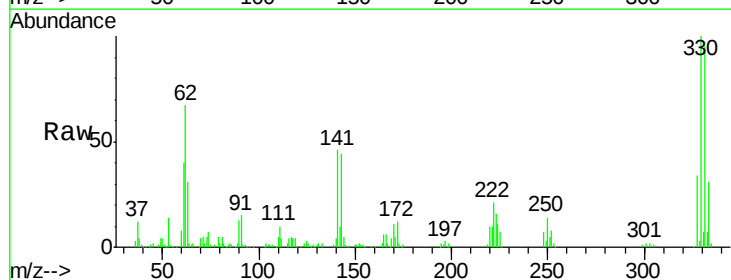


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

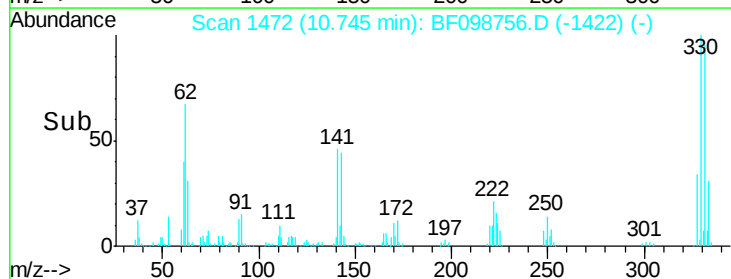
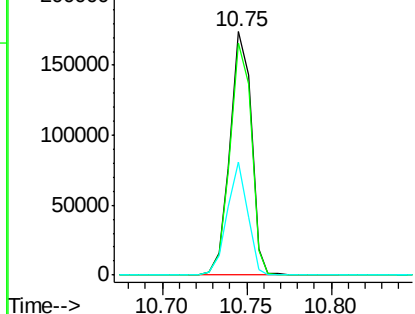


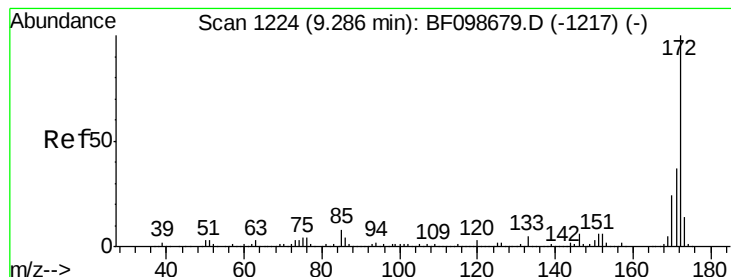
#41
 2,4,6-Tribromophenol
 Concen: 98.69 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:330 Resp: 152853
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 44.3 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 84.55 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

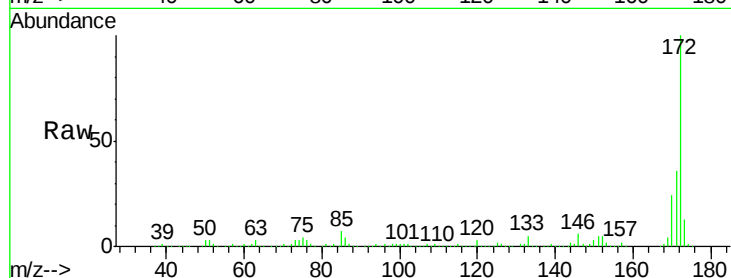
Tot Ion:172 Resp: 958677

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

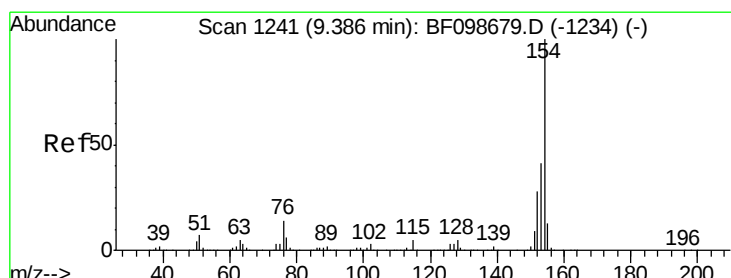
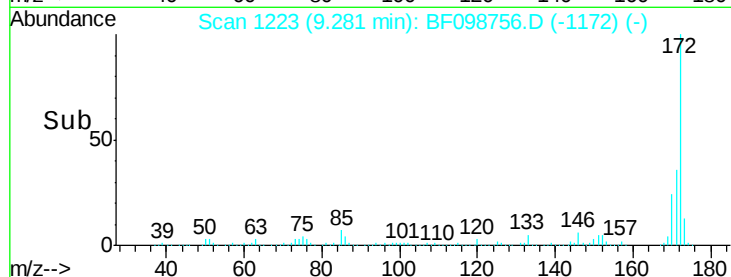
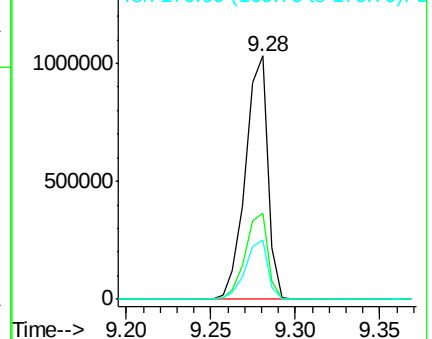
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.11 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

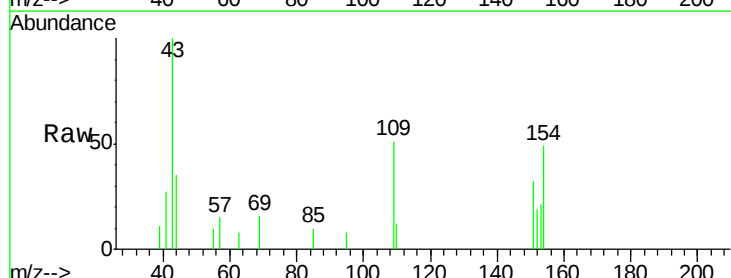
Tgt Ion:154 Resp: 1734

Ion Ratio Lower Upper

154 100

153 42.5 21.3 61.3

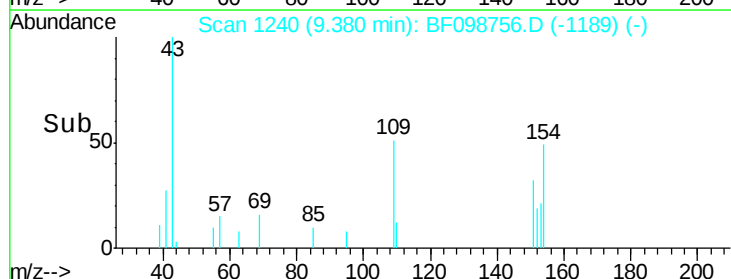
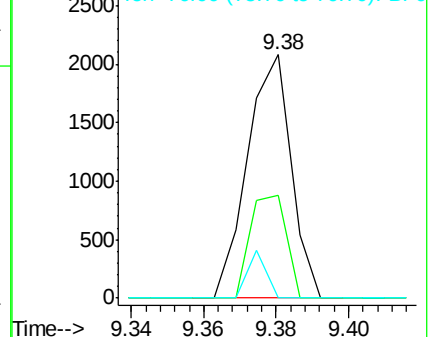
76 0.0 0.0 34.0

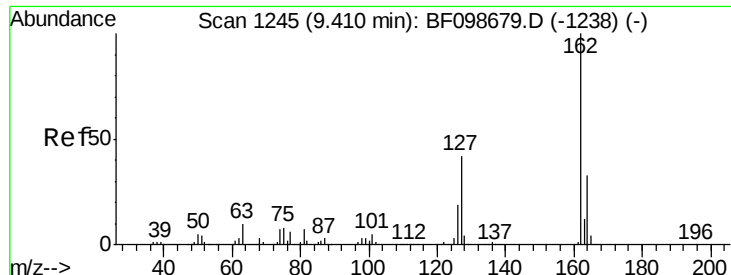


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

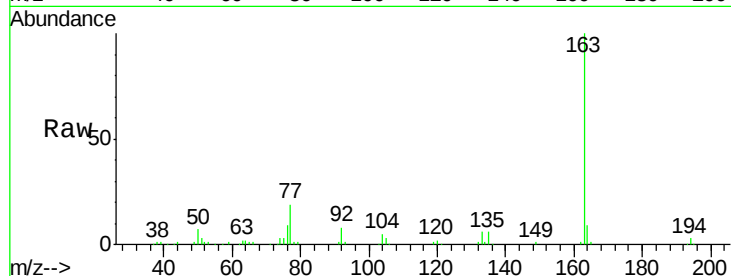




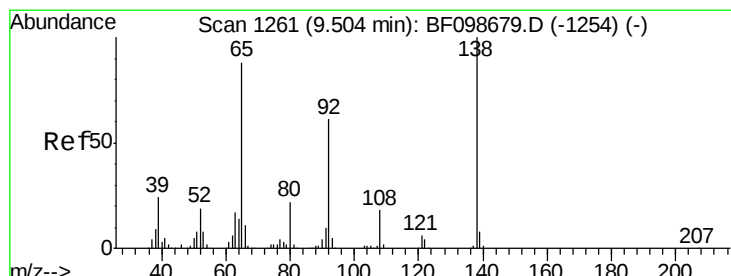
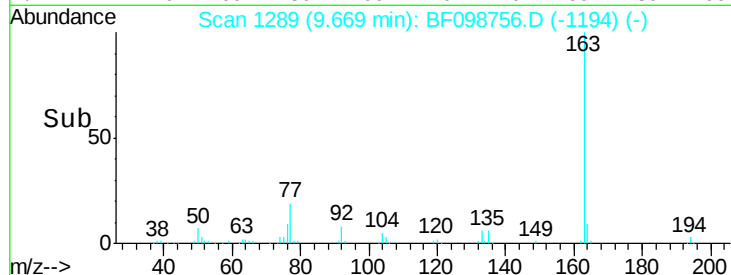
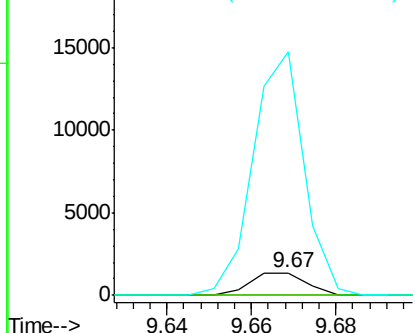
#46
2-Chloronaphthalene
Concen: 0.10 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.26 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1257
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 1082.5 26.5 39.7#

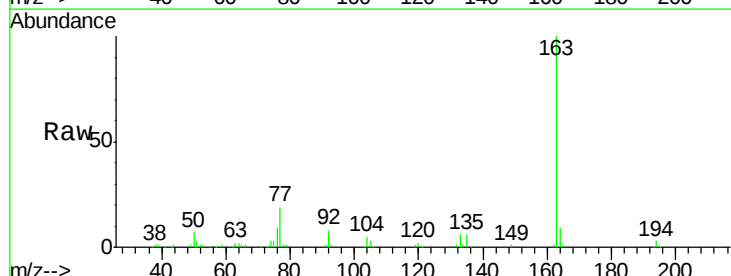


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

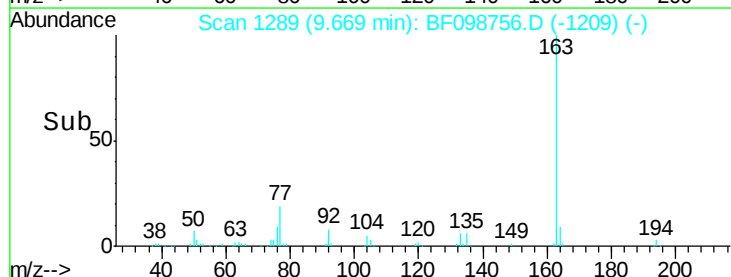
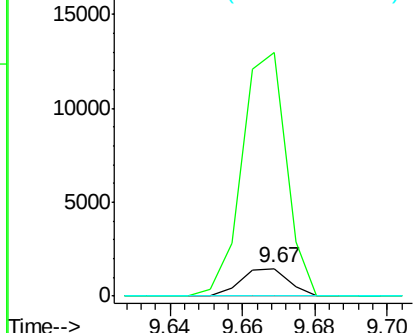


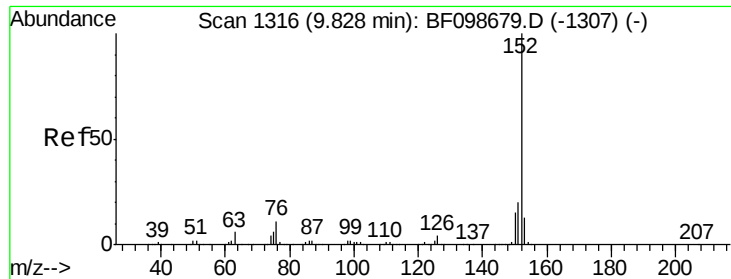
#47
2-Nitroaniline
Concen: 0.36 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.17 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion: 65 Resp: 1346
Ion Ratio Lower Upper
65 100
92 874.1 55.8 83.6#
138 0.0 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





#48

Acenaphthylene

Concen: 0.02 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

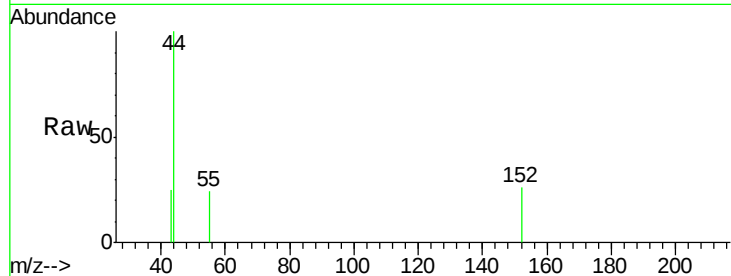
Tot Ion:152 Resp: 440

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

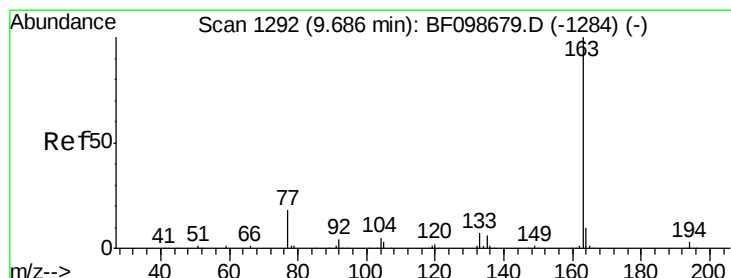
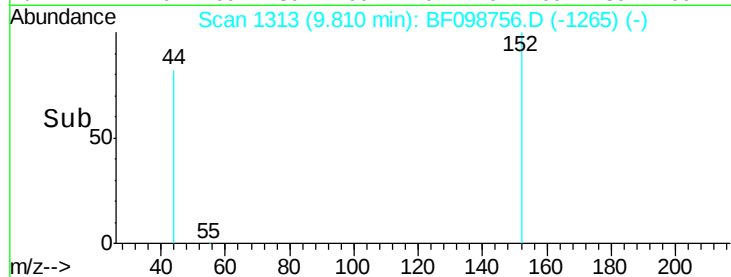
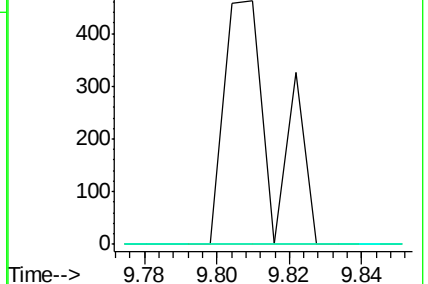
153 0.0 10.7 16.1#



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: 8.72 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

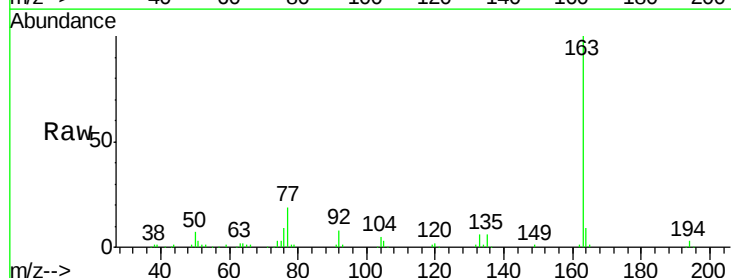
Tgt Ion:163 Resp: 124514

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

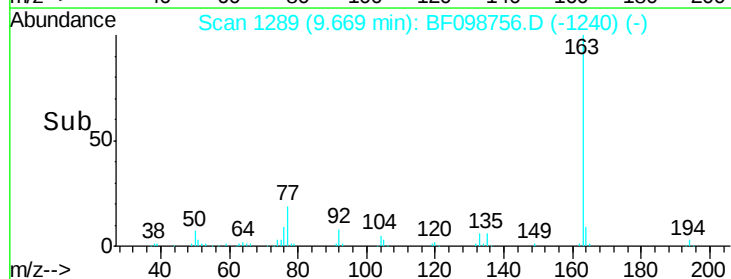
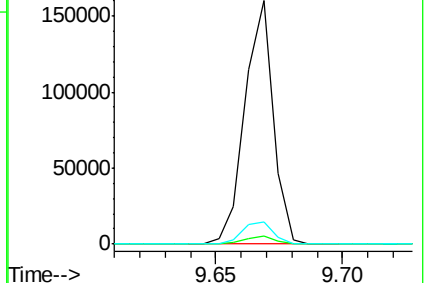
164 9.2 8.2 12.2

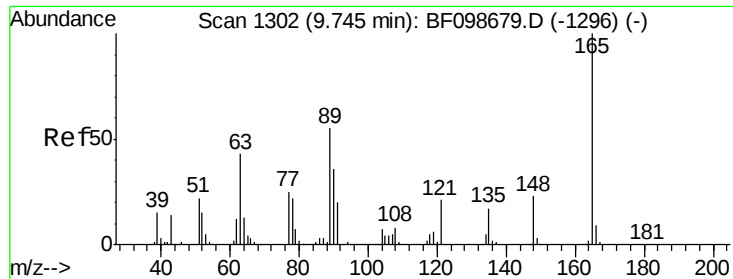


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

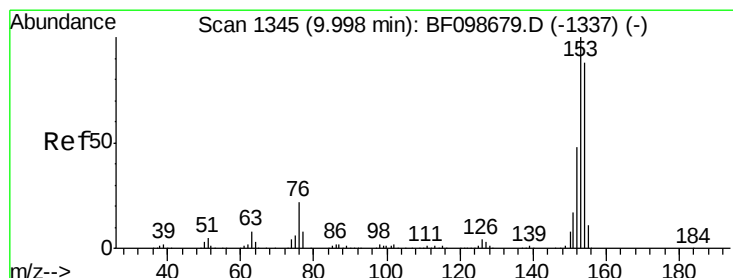
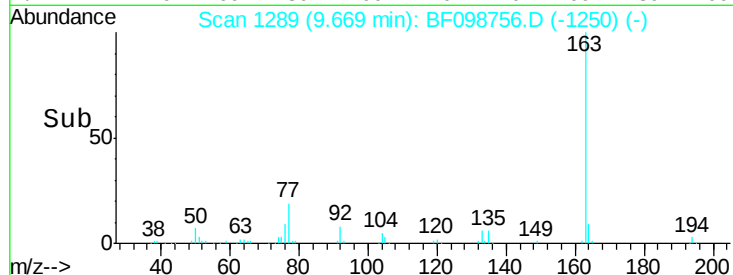
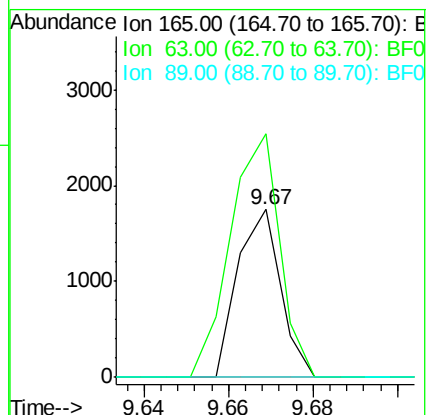
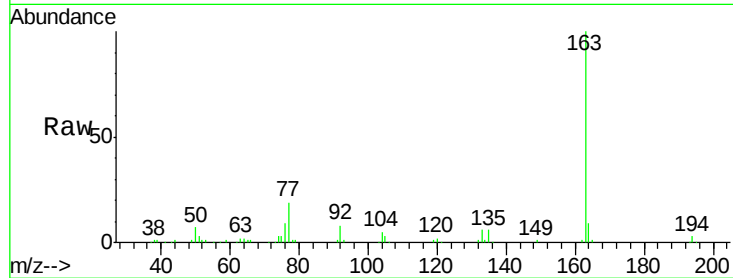




#50
 2,6-Dinitrotoluene
 Concen: 0.39 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.07 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

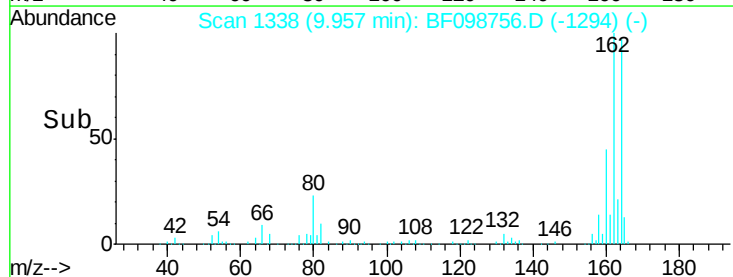
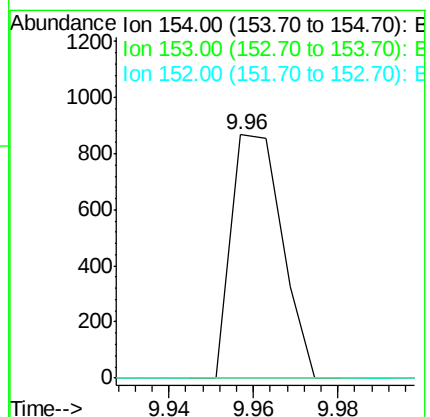
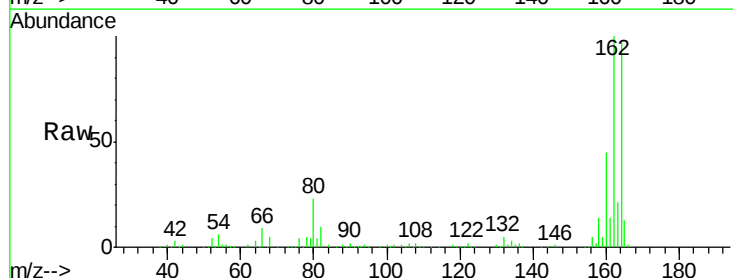
Instrument :
 BNA_F
 ClientSampleId :

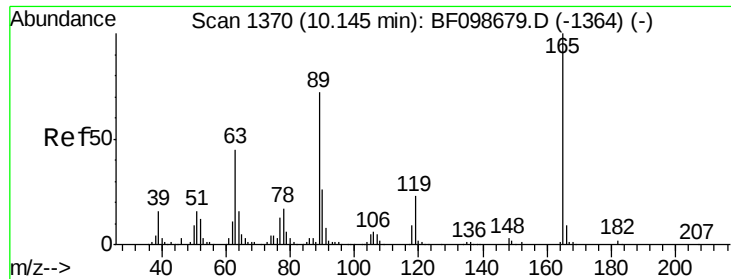
Tot Ion:165 Resp: 1227
 Ion Ratio Lower Upper
 165 100
 63 145.3 44.7 67.1#
 89 0.0 44.0 66.0#



#51
 Acenaphthene
 Concen: 0.06 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:154 Resp: 722
 Ion Ratio Lower Upper
 154 100
 153 0.0 91.2 136.8#
 152 0.0 43.8 65.8#

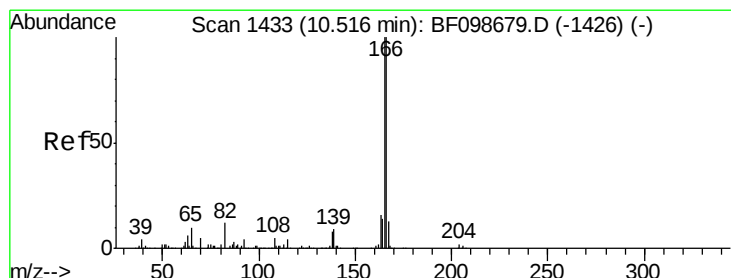
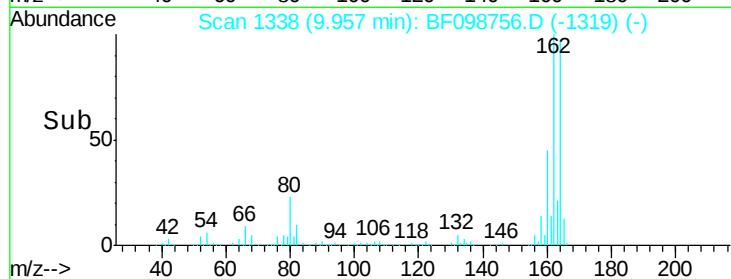
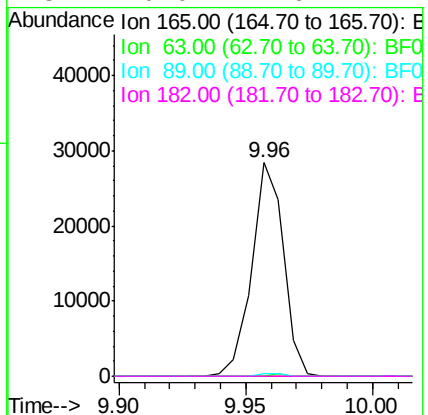
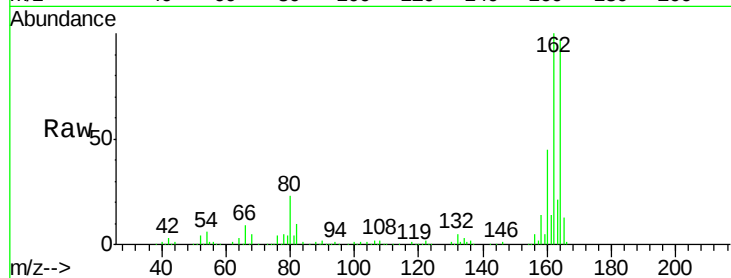




#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

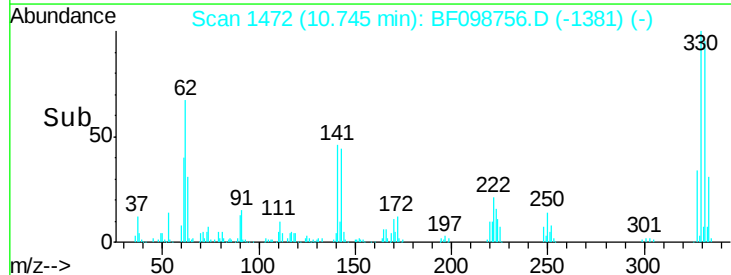
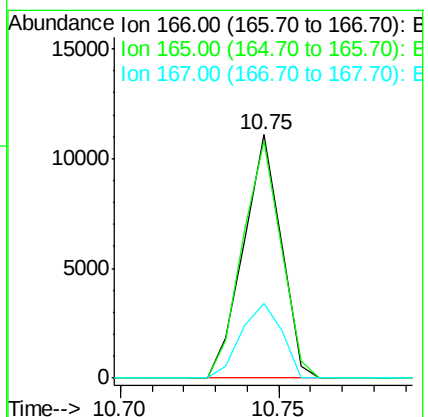
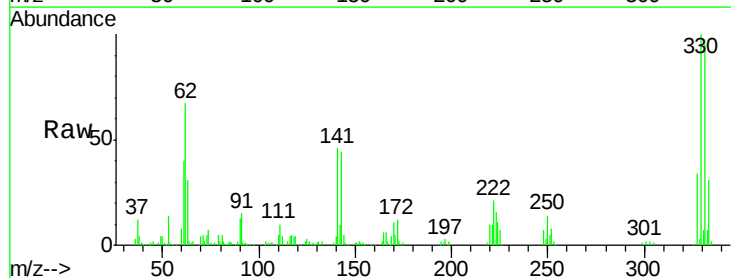
Instrument :
BNA_F
ClientSampleId :

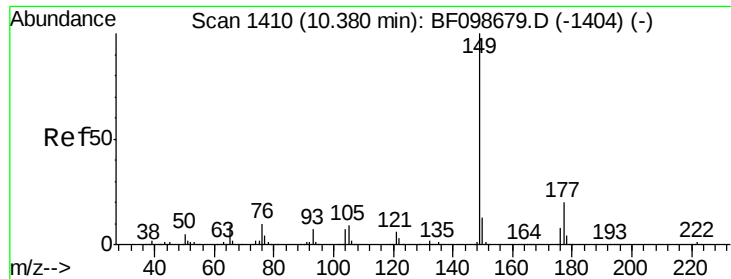
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.72 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.24 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	30.6	10.6	16.0#





#59

Diethylphthalate

Concen: 0.06 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampled :

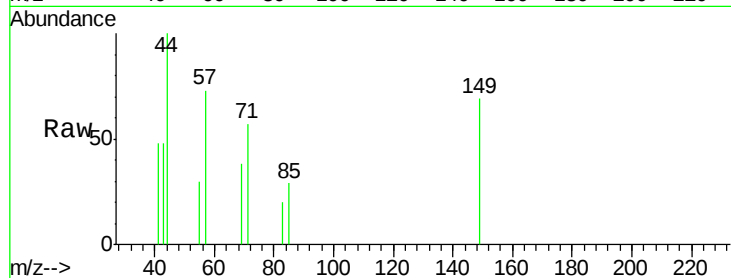
Tot Ion:149 Resp: 791

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

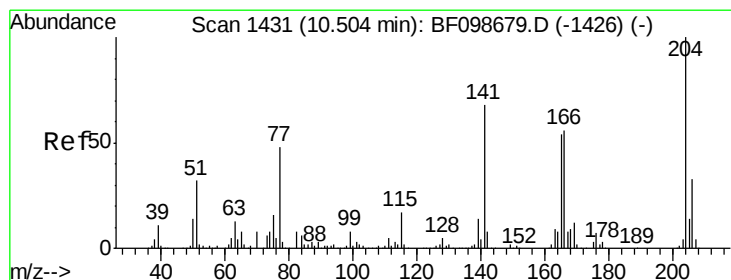
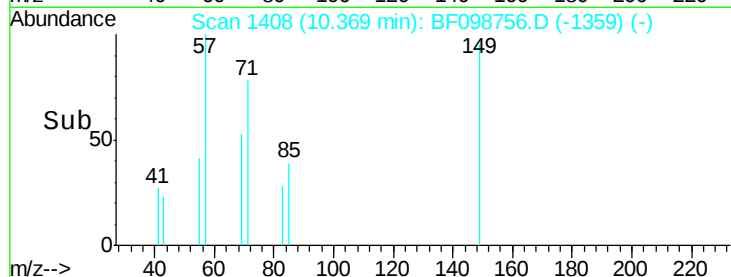
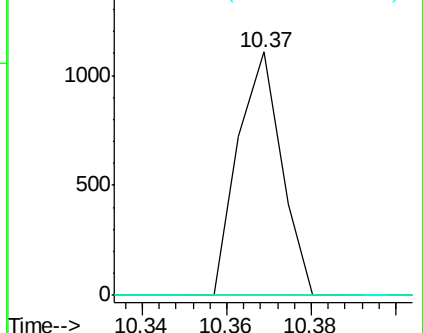
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.06 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.20 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

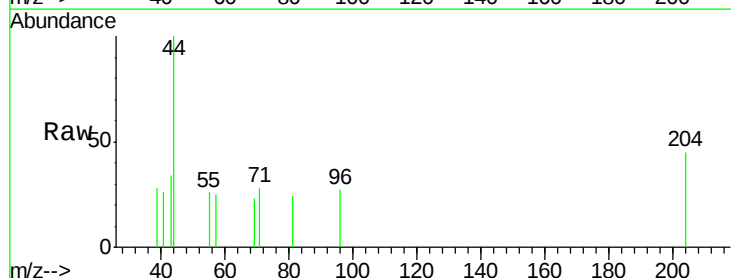
Tgt Ion:204 Resp: 334

Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

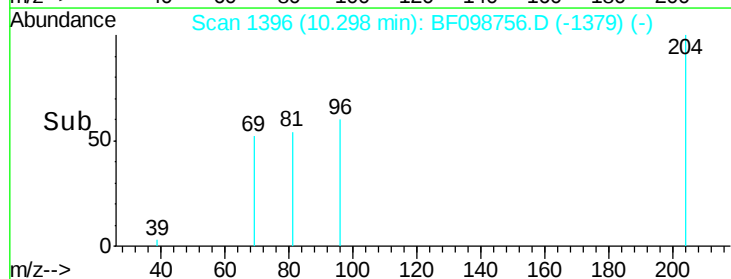
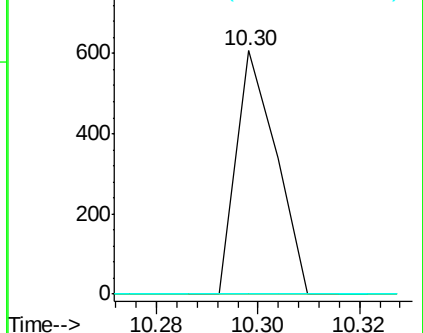
141 0.0 54.6 81.8#

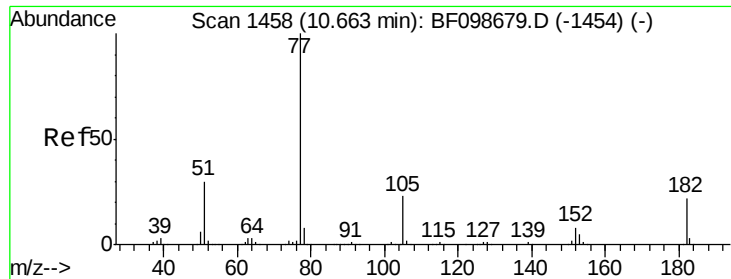


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

Azobenzene

Concen: 0.01 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 147

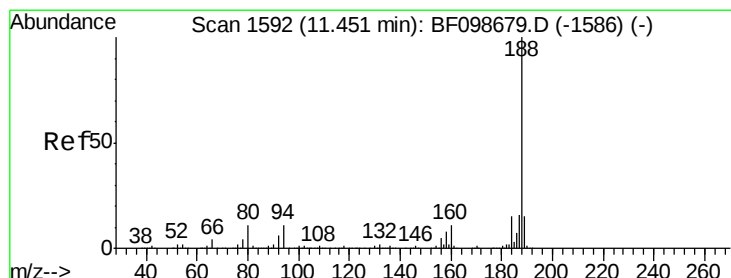
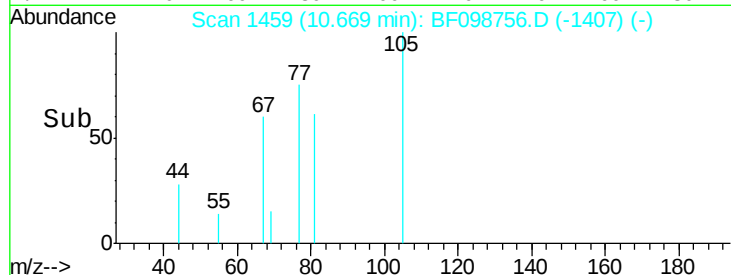
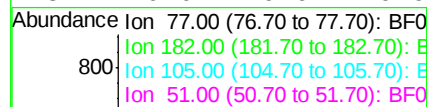
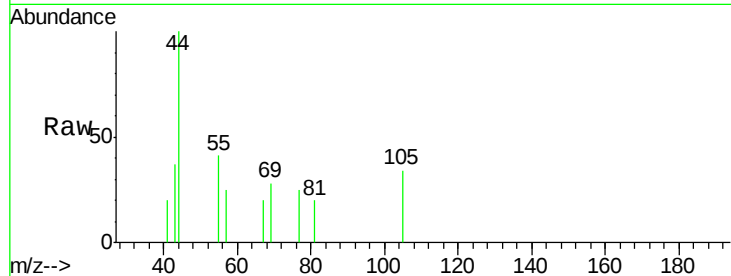
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 132.9 3.0 43.0#

51 0.0 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: BF098756.D

Acq: 23 Sep 2017 23:20

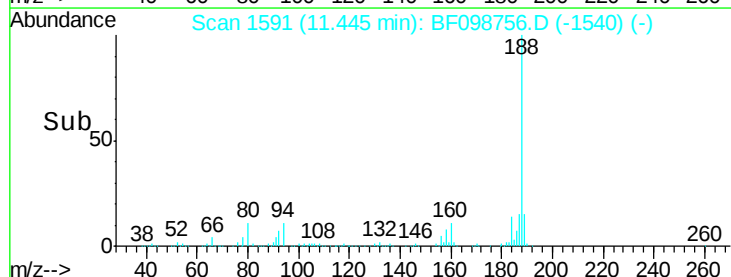
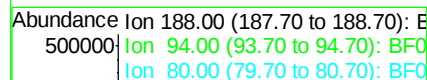
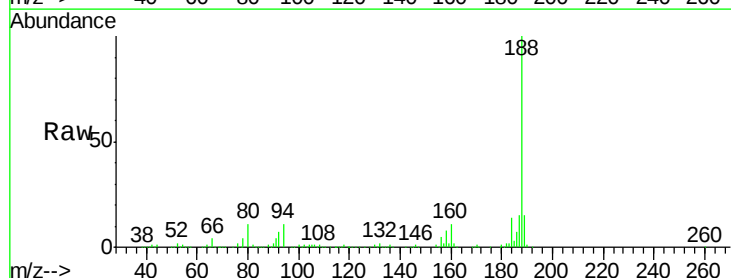
Tgt Ion: 188 Resp: 291605

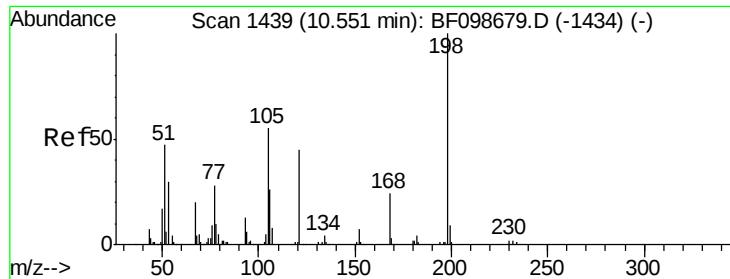
Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 11.1 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 0.21 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.19 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampleId :

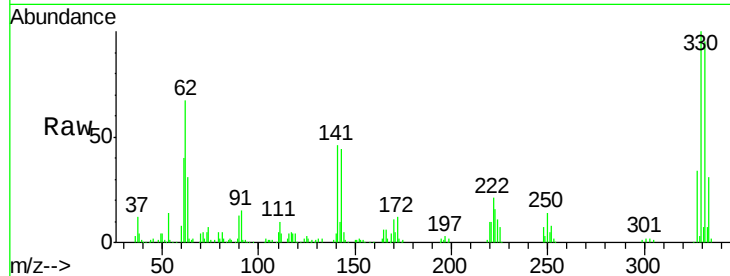
Tot Ion:198 Resp: 364

Ion Ratio Lower Upper

198 100

51 143.7 37.7 77.7#

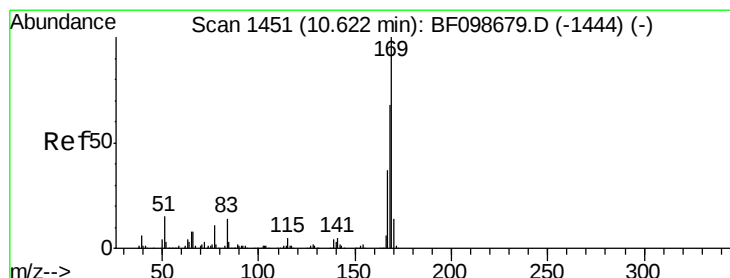
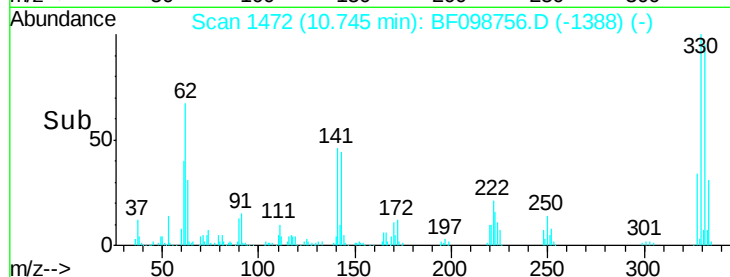
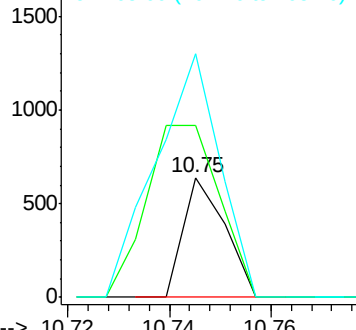
105 202.8 36.3 76.3#



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: 0.58 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.13 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

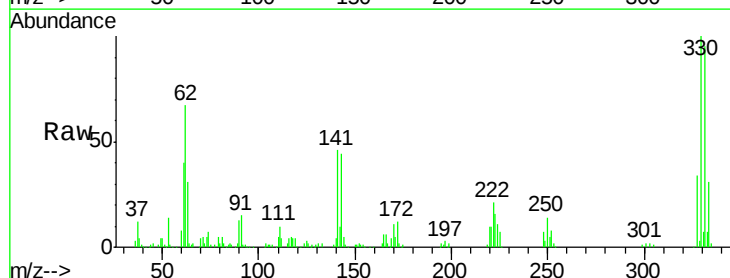
Tgt Ion:169 Resp: 5827

Ion Ratio Lower Upper

169 100

168 7.8 54.4 81.6#

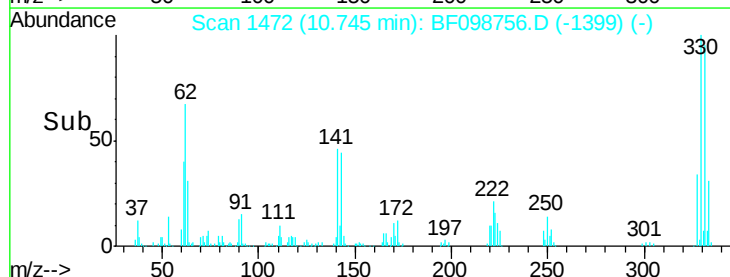
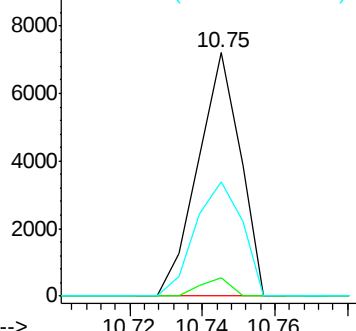
167 47.0 29.8 44.6#

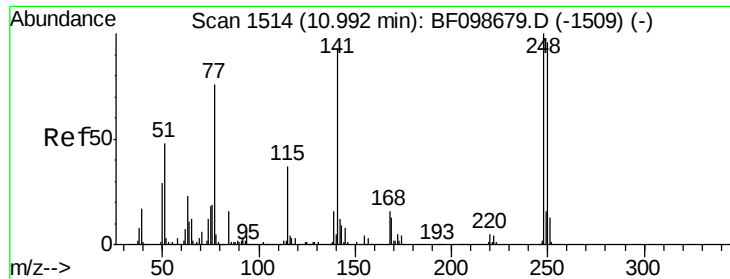


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

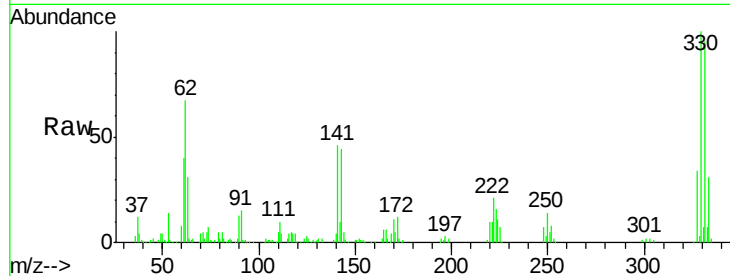




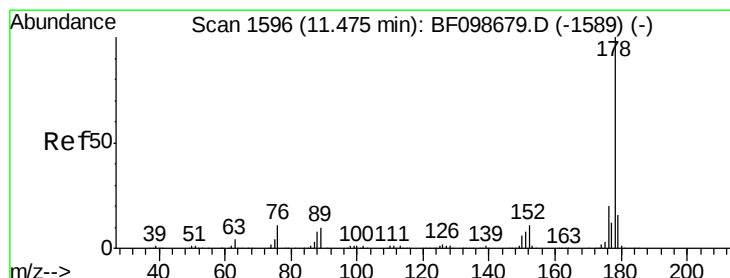
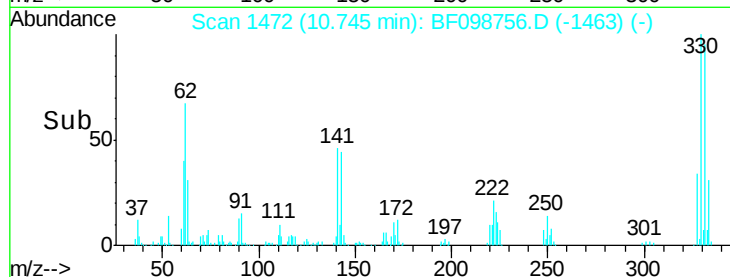
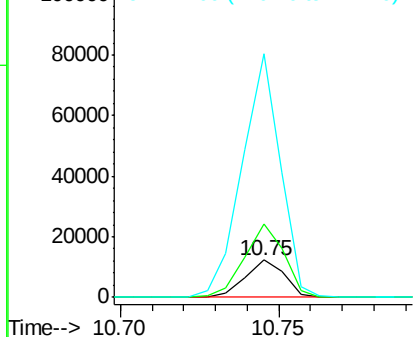
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10572
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 653.3 74.4 111.6#

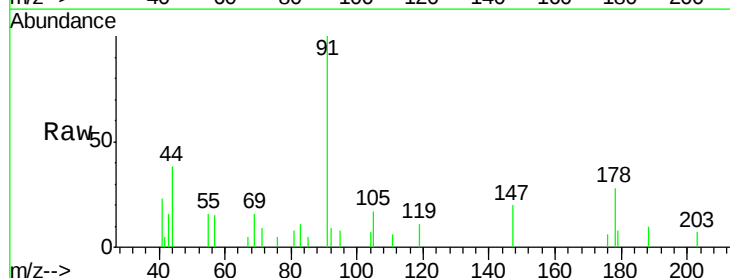


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

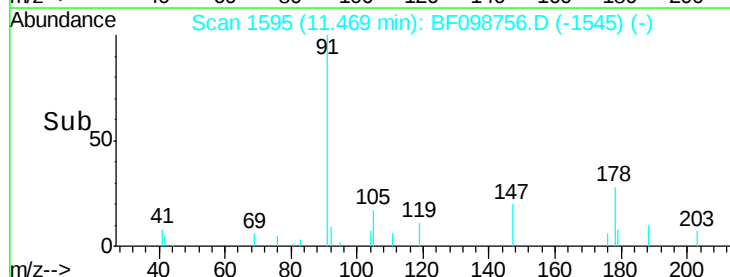
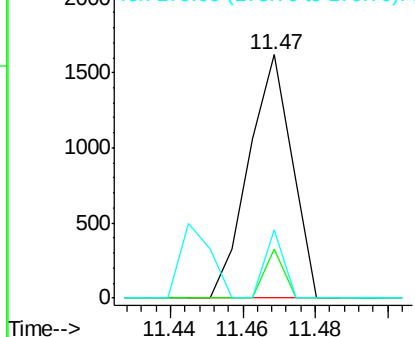


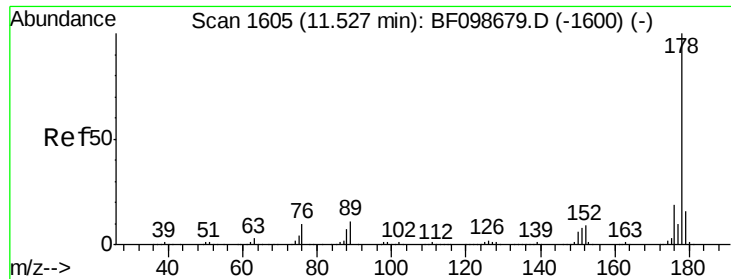
#70
Phenanthrene
Concen: 0.09 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion:178 Resp: 1337
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 27.9 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

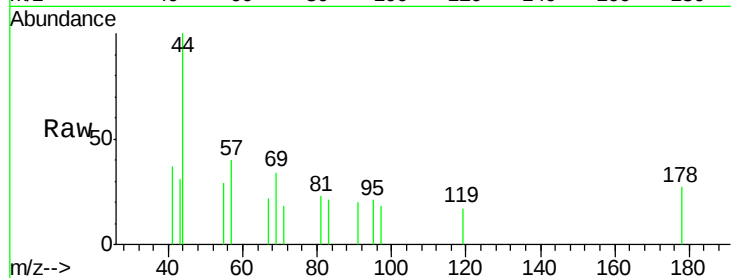




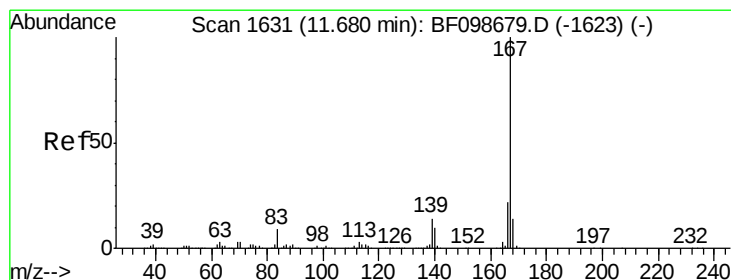
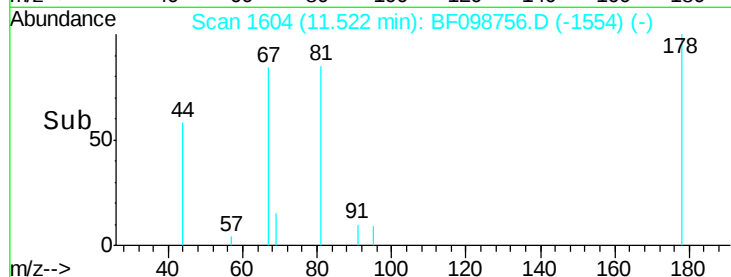
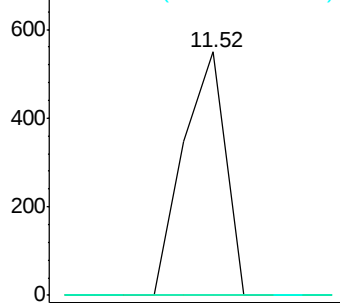
#71
 Anthracene
 Concen: 0.02 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 317
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

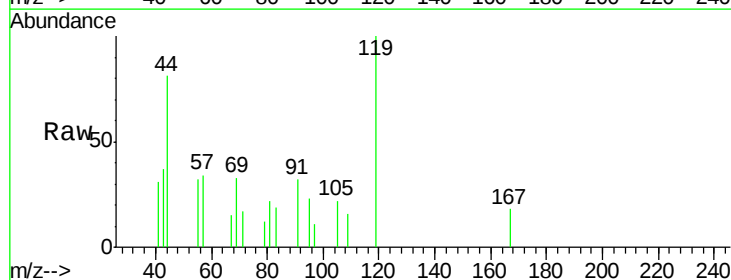


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

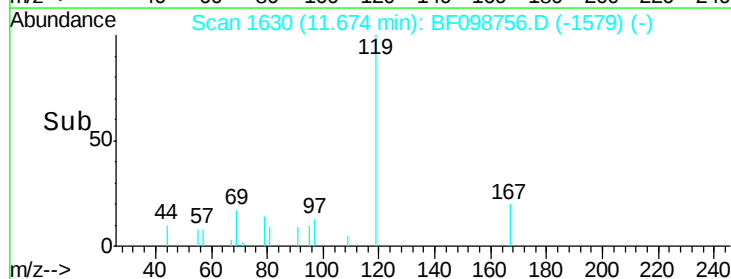
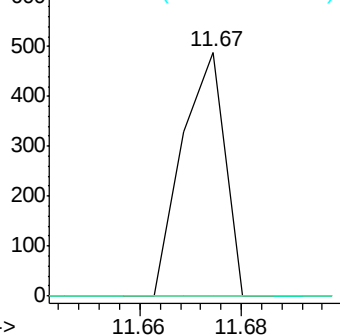


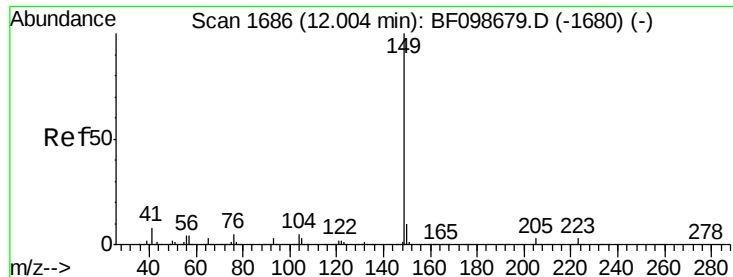
#72
 Carbazole
 Concen: 0.02 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:167 Resp: 289
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#



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

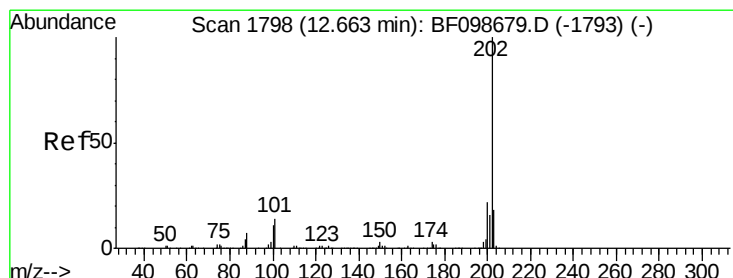
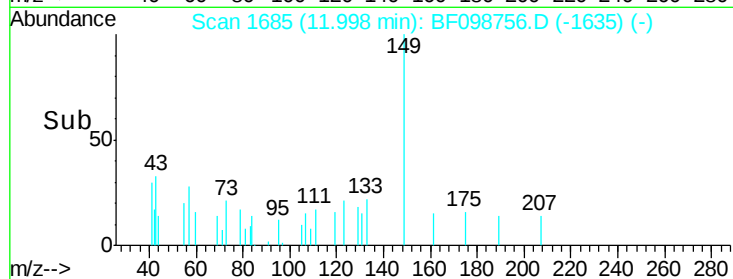
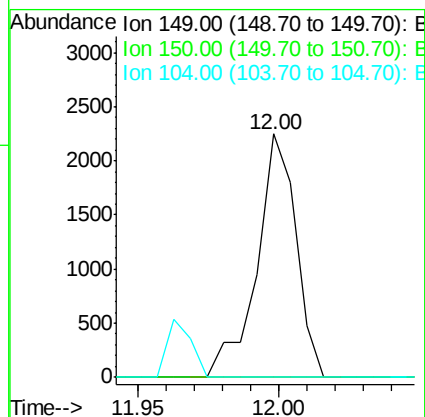
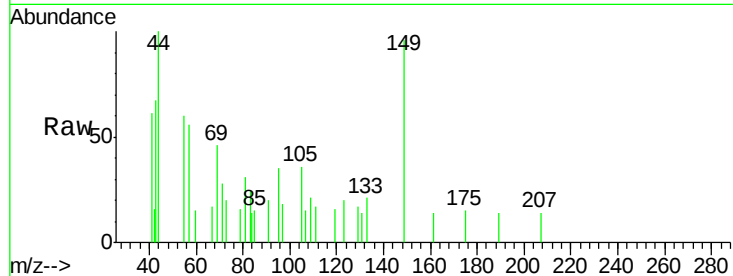




#73
Di-n-butylphthalate
Concen: 0.11 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

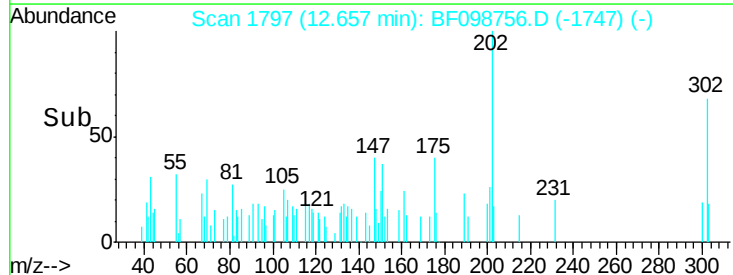
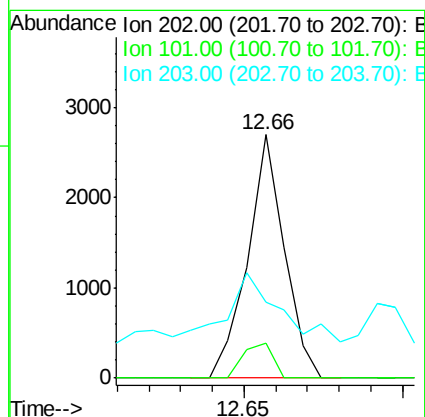
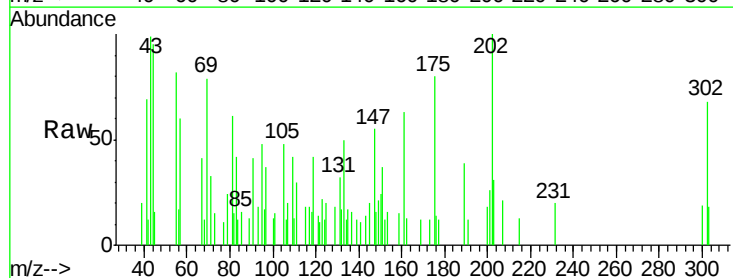
Instrument :
BNA_F
ClientSampleId :

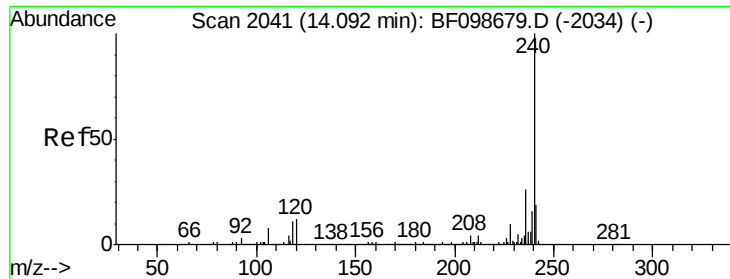
Tot Ion:149 Resp: 2161
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 0.14 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion:202 Resp: 2172
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 31.0 0.0 38.1

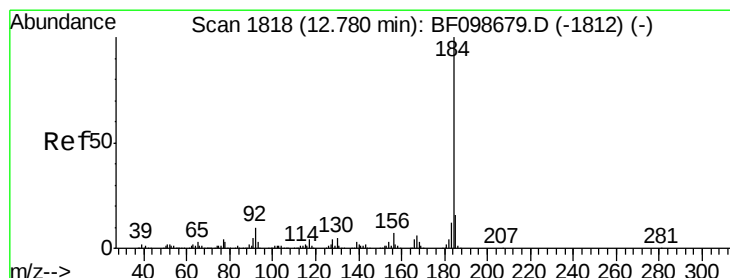
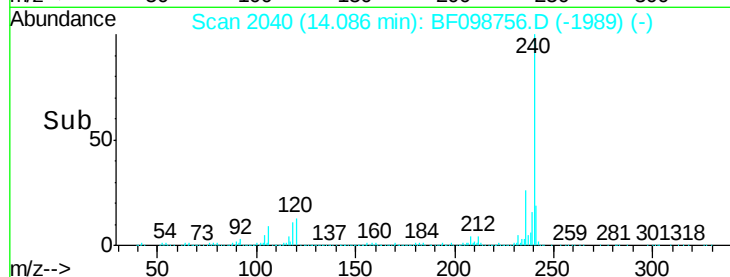
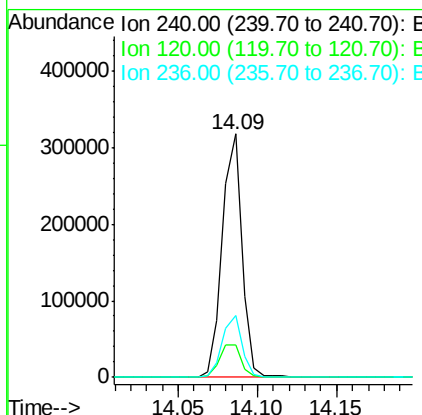
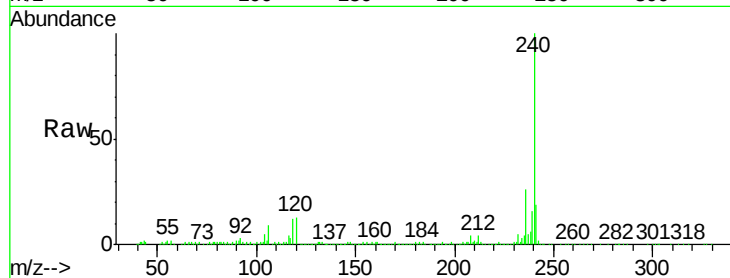




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

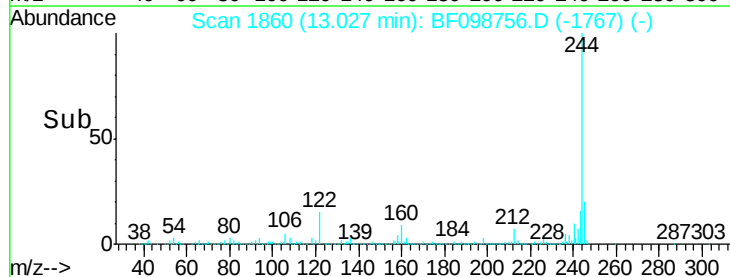
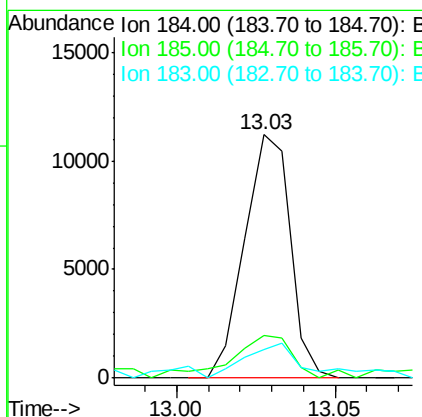
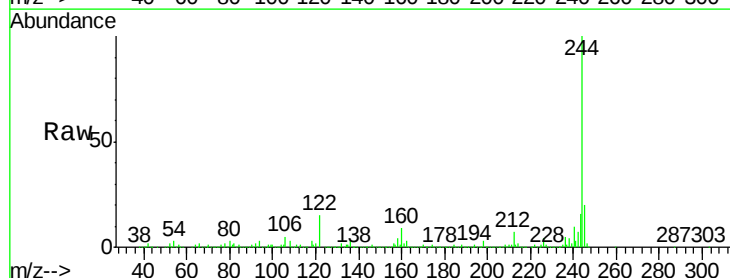
Instrument :
 BNA_F
 ClientSampleId :

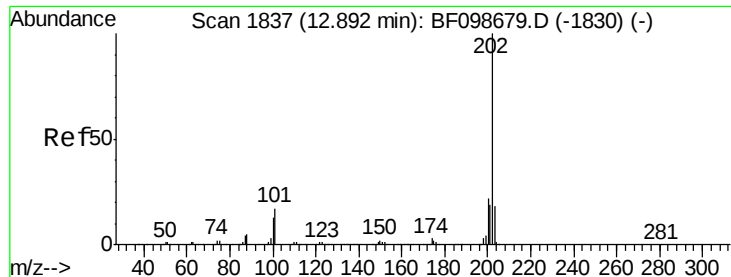
Tot Ion:240 Resp: 276373
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 25.5 20.7 31.1



#76
 Benzidine
 Concen: 1.10 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.25 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:184 Resp: 11210
 Ion Ratio Lower Upper
 184 100
 185 17.7 12.6 18.8
 183 11.9 9.3 13.9

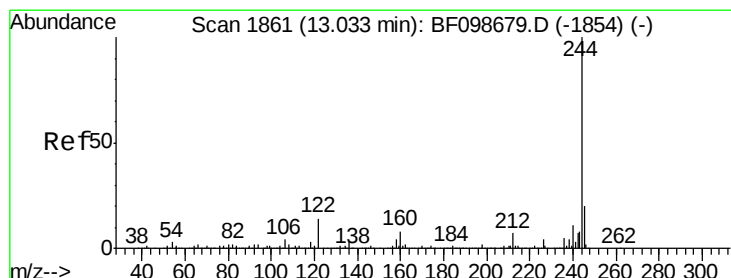
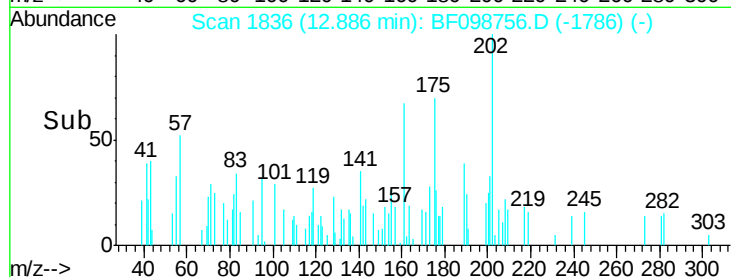
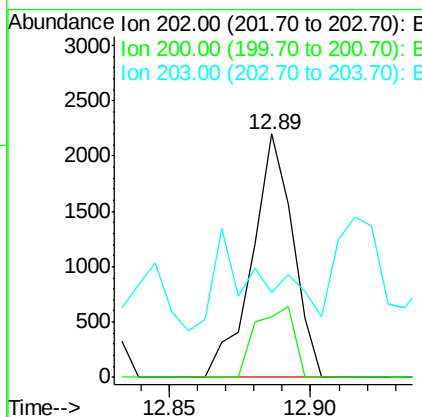
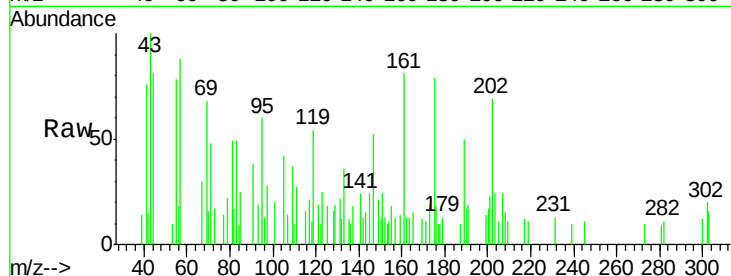




#77
Pvrene
Concen: 0.10 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

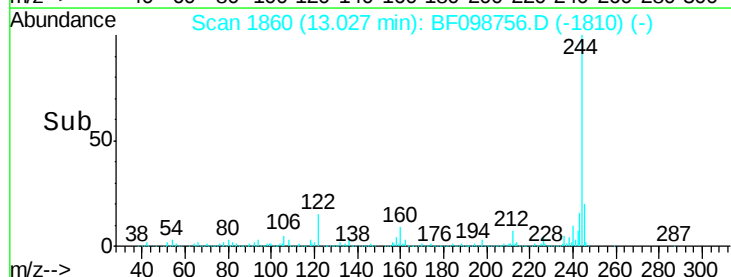
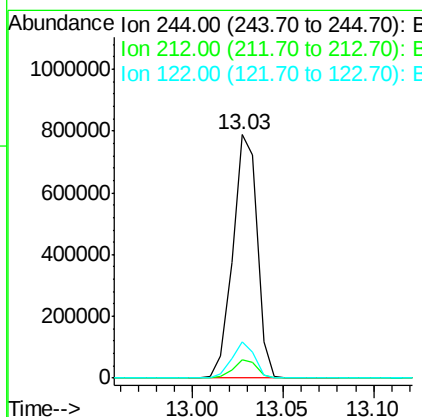
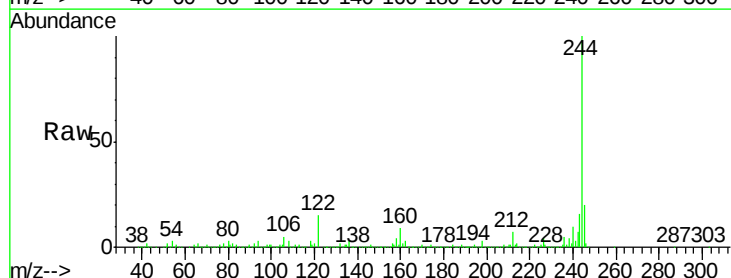
Instrument :
BNA_F
ClientSampled :

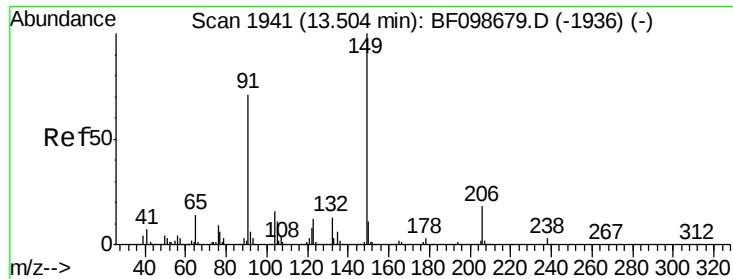
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.4	26.2
203	34.7	14.3	21.5#



#78
Terphenyl-d14
Concen: 60.70 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.1	11.0	16.4

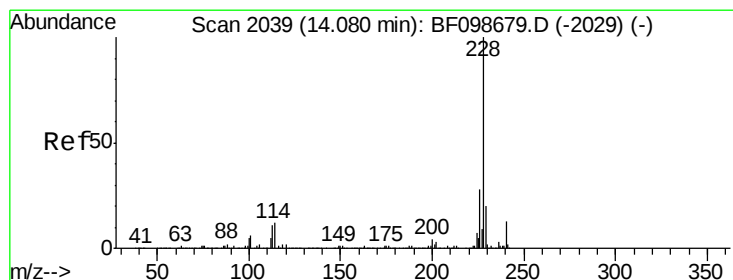
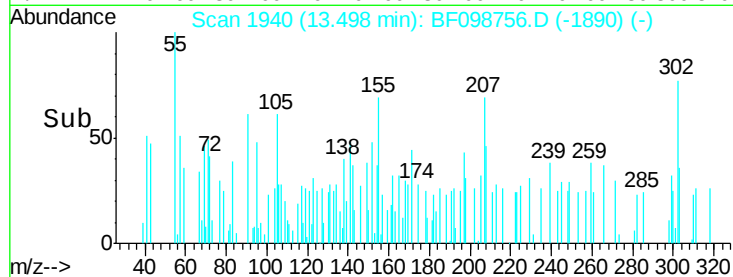
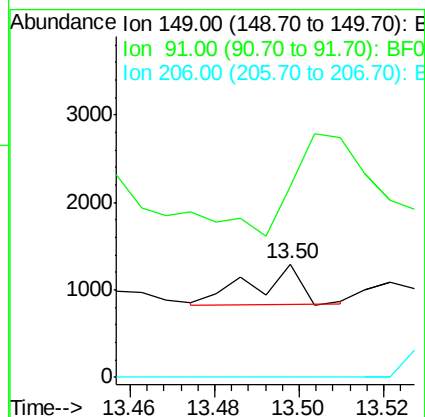
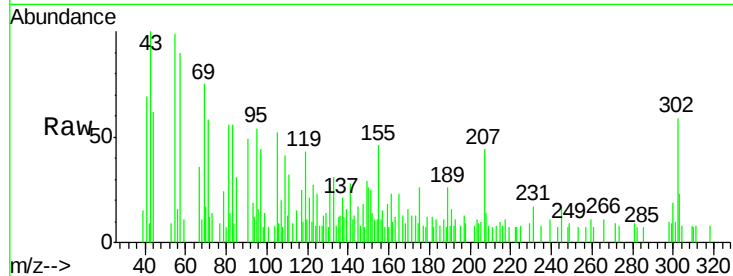




#79
 Butylbenzylphthalate
 Concen: 0.04 ng
 RT: 13.50 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

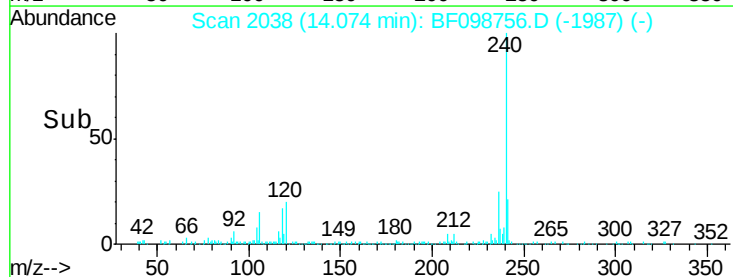
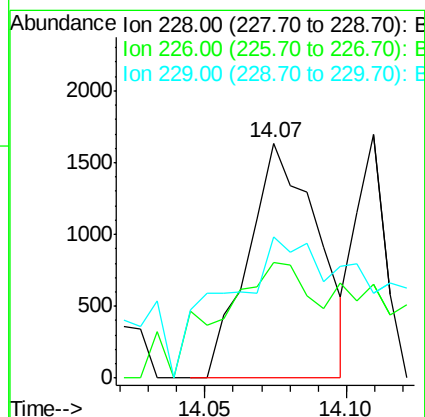
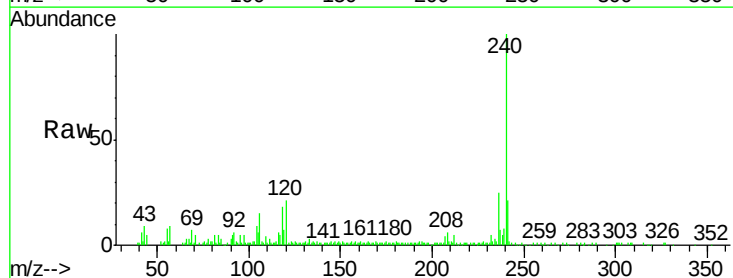
Instrument :
 BNA_F
 ClientSampleId :

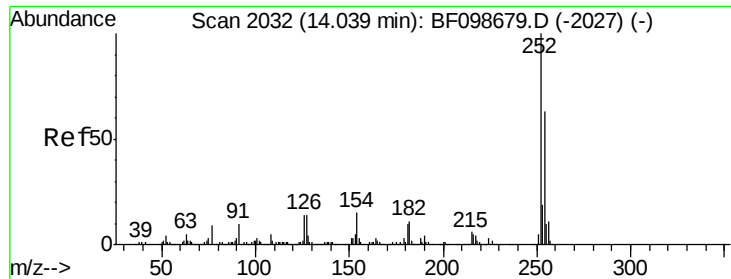
Tot Ion:	149	Resp:	369
Ion	Ratio	Lower	Upper
149	100		
91	167.8	56.8	85.2#
206	0.0	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 0.17 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:	228	Resp:	2792
Ion	Ratio	Lower	Upper
228	100		
226	48.9	22.6	33.8#
229	60.0	15.8	23.6#

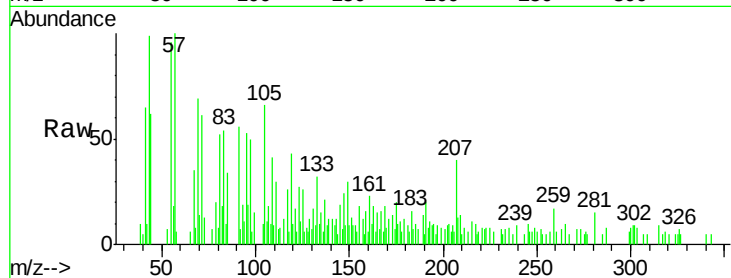




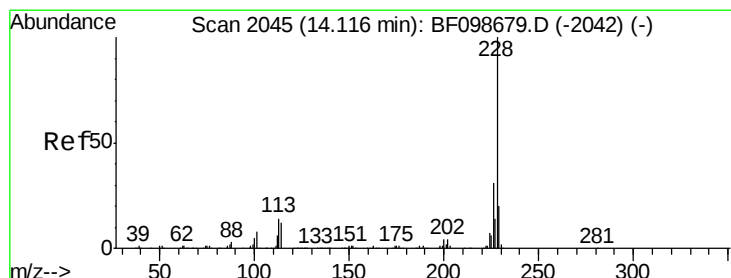
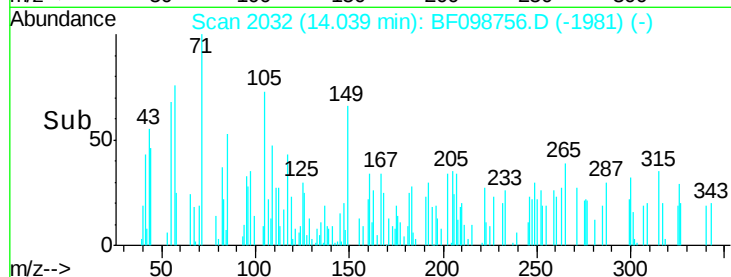
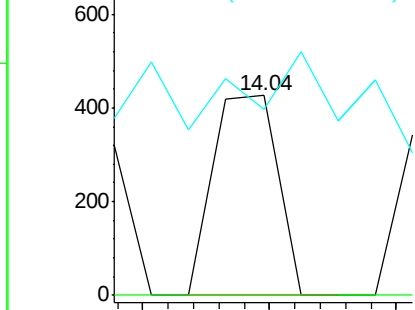
#81
 3,3'-Dichlorobenzidine
 Concen: 0.05 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	93.4	11.3	16.9#

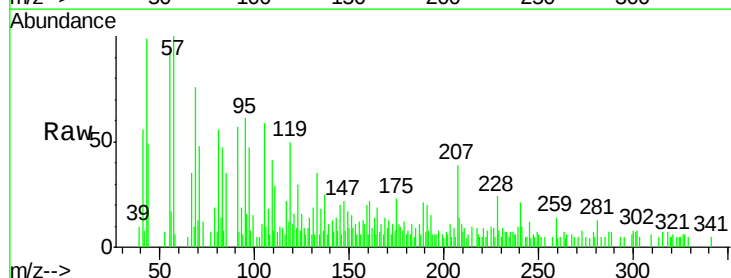


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

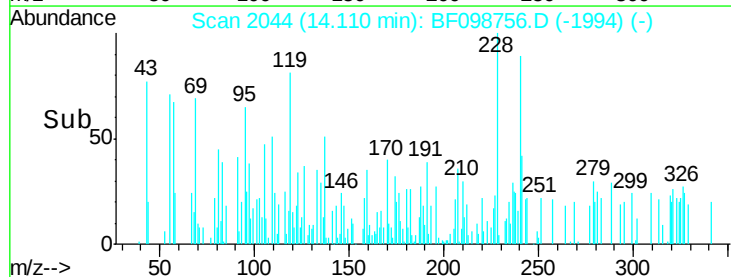
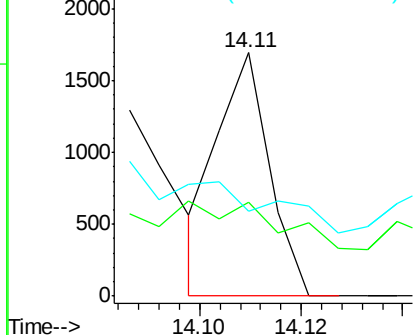


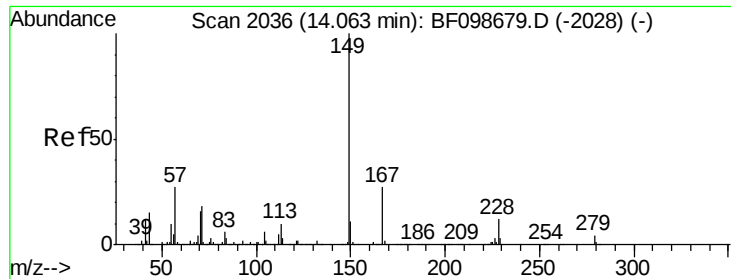
#82
 Chrysene
 Concen: 0.08 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.7	25.0	37.6#
229	34.7	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

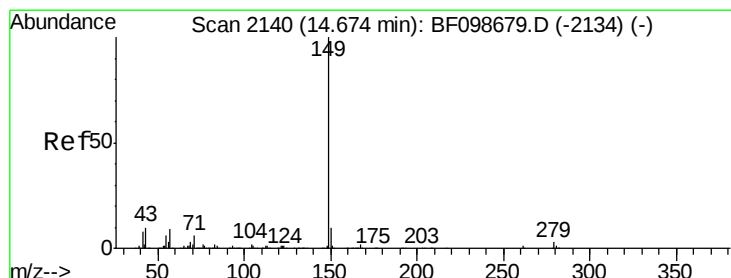
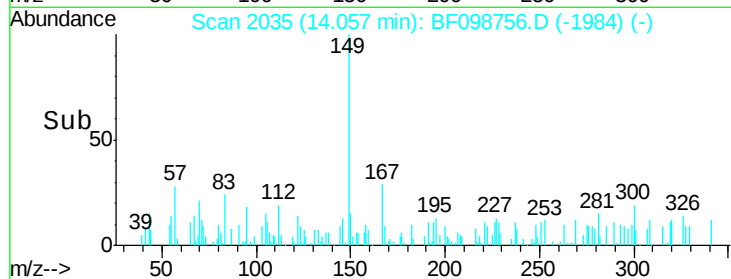
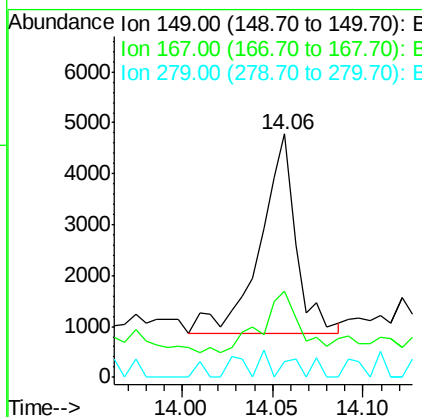
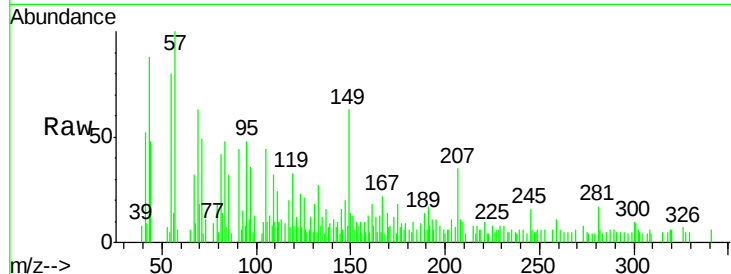




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

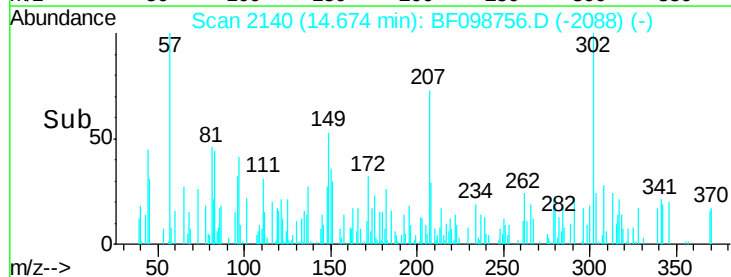
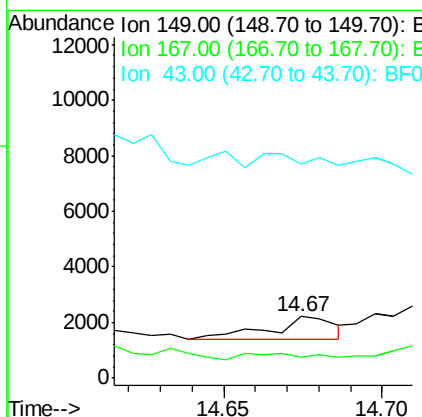
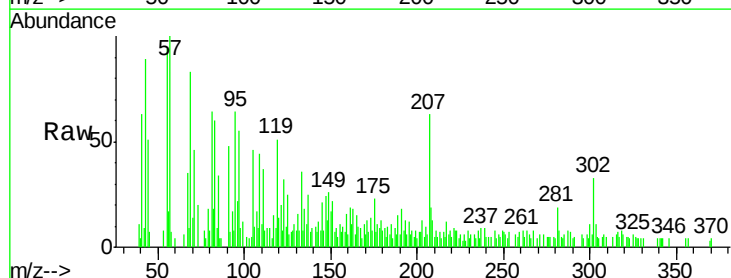
Instrument :
 BNA_F
 ClientSampleId :

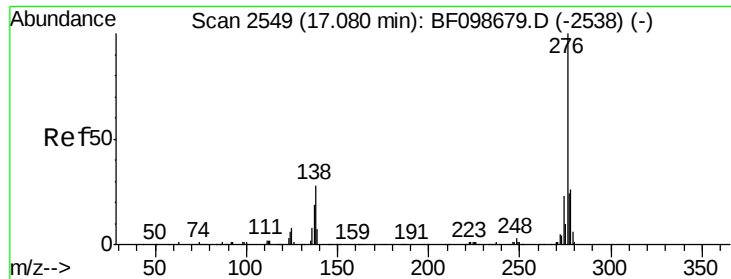
Tot Ion	Ratio	Lower	Upper
149	100		
167	35.2	21.3	31.9#
279	6.4	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.05 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

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

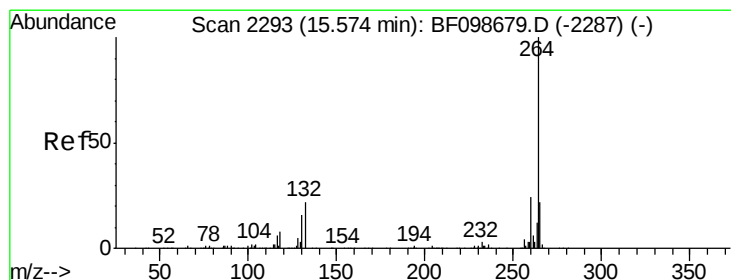
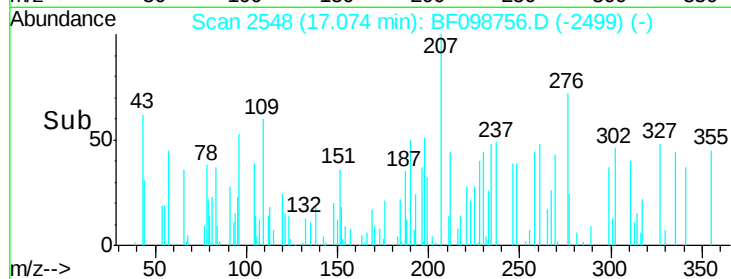
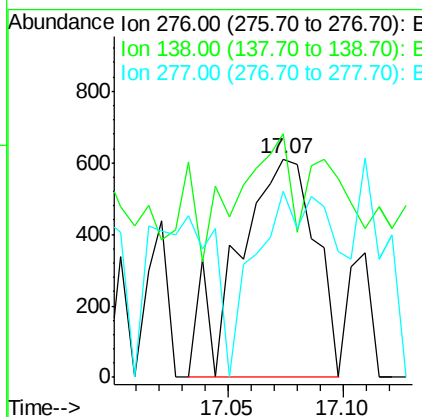
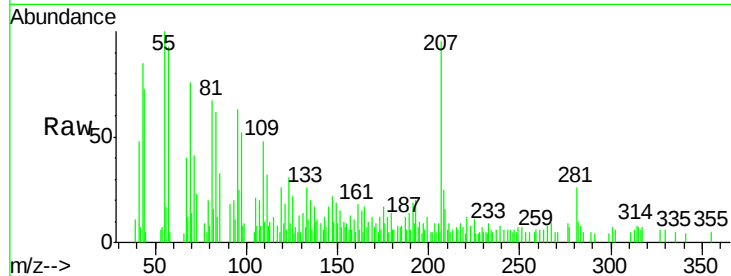




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

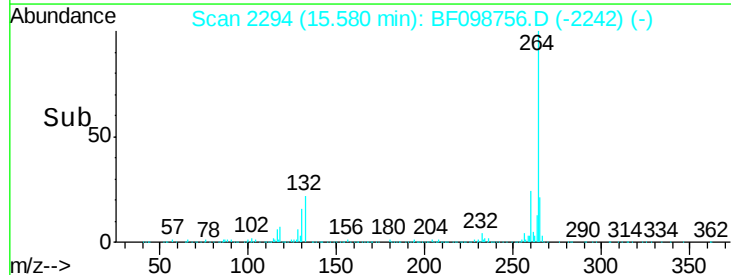
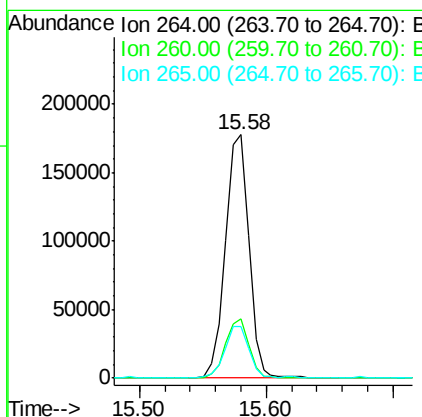
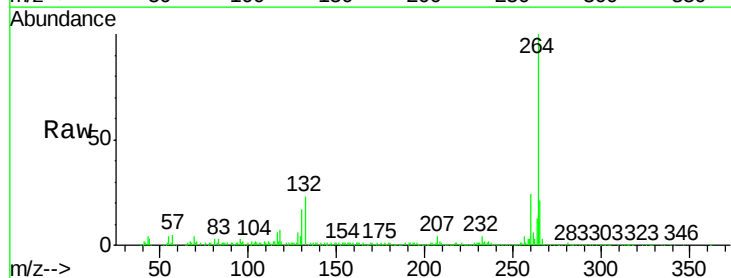
Instrument :
 BNA_F
 ClientSampled :

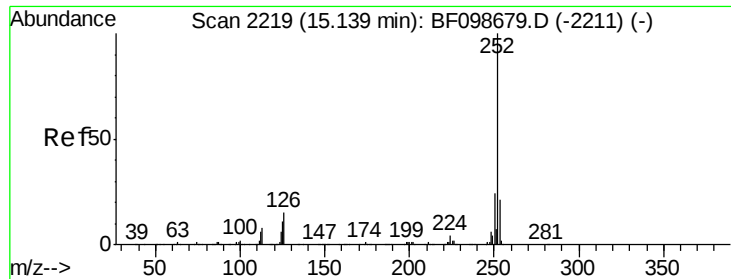
Tot Ion:276 Resp: 1418
 Ion Ratio Lower Upper
 276 100
 138 38.9 25.0 37.6#
 277 91.1 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Tgt Ion:264 Resp: 228738
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.3 17.5 26.3

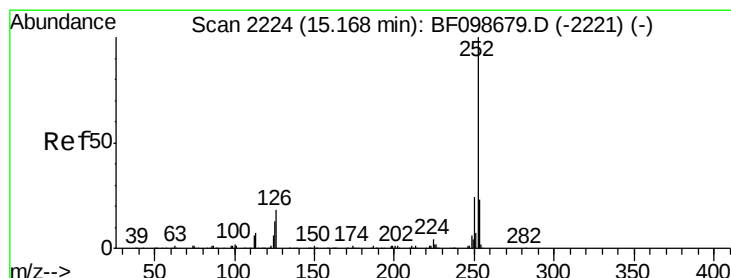
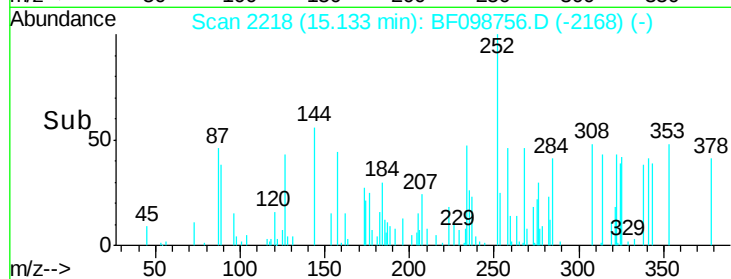
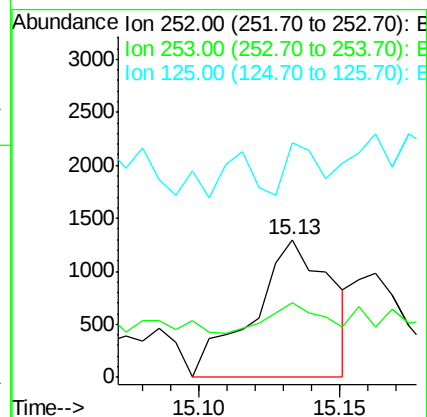
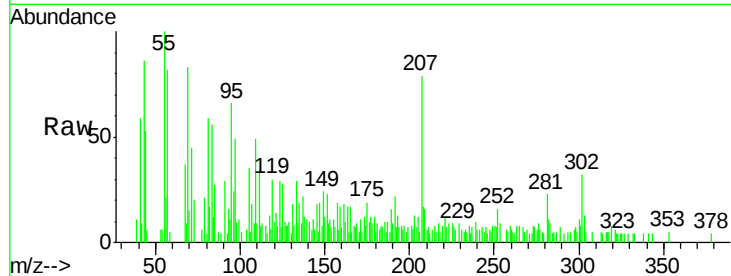




#87
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

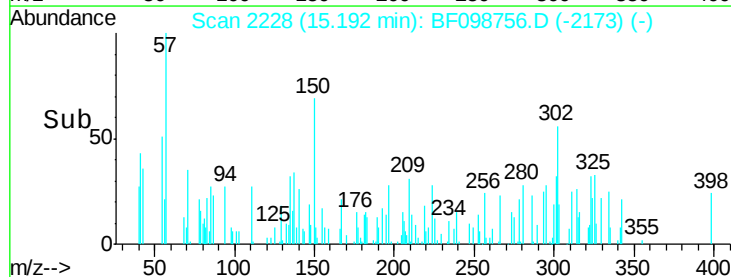
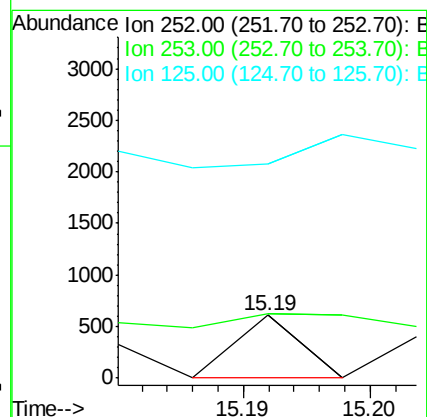
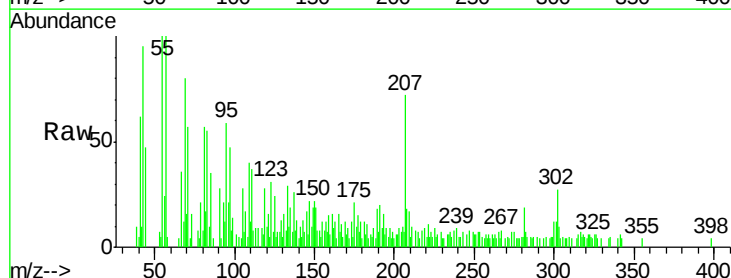
Instrument :
BNA_F
ClientSampleId :

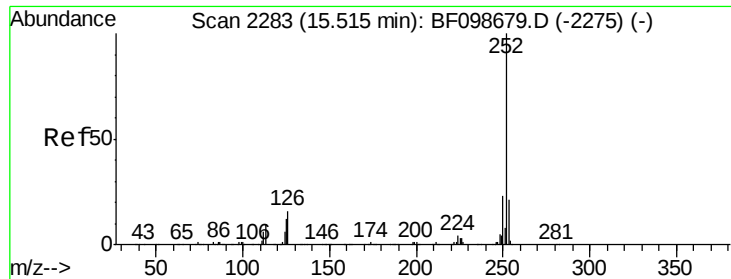
Tot Ion:252 Resp: 2466
Ion Ratio Lower Upper
252 100
253 54.2 17.0 25.6#
125 171.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF098756.D
Acq: 23 Sep 2017 23:20

Tgt Ion:252 Resp: 215
Ion Ratio Lower Upper
252 100
253 102.3 17.9 26.9#
125 341.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.15 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

Instrument :

BNA_F

ClientSampled :

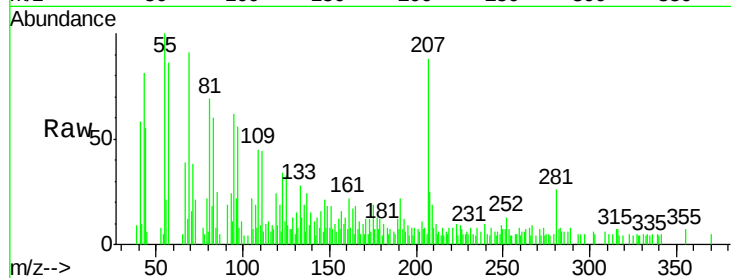
Tot Ion:252 Resp: 1943

Ion Ratio Lower Upper

252 100

253 50.7 17.1 25.7#

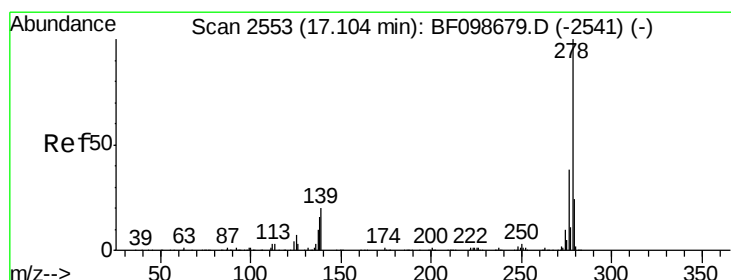
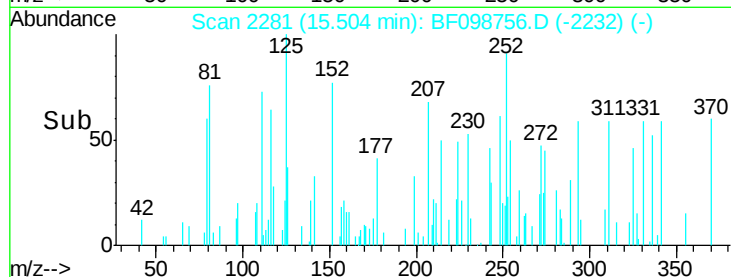
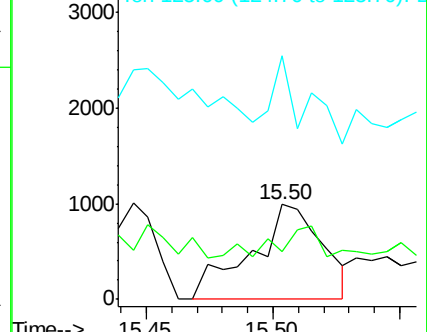
125 257.2 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098756.D

Acq: 23 Sep 2017 23:20

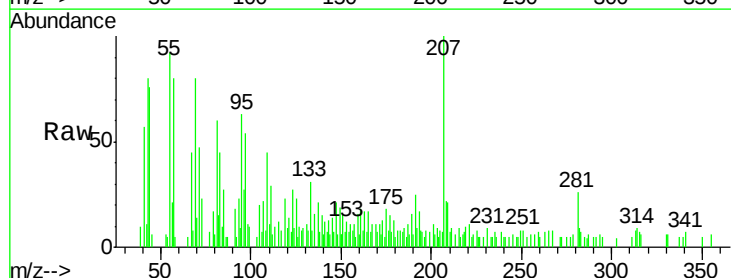
Tgt Ion:278 Resp: 136

Ion Ratio Lower Upper

278 100

139 270.1 15.9 23.9#

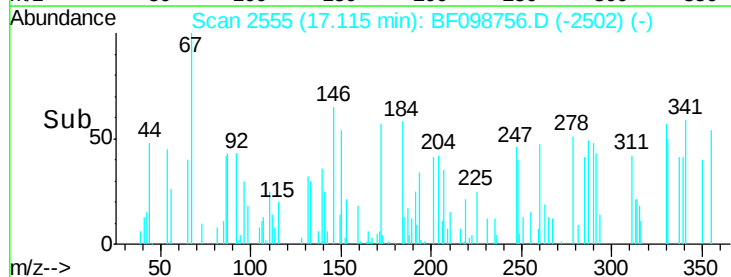
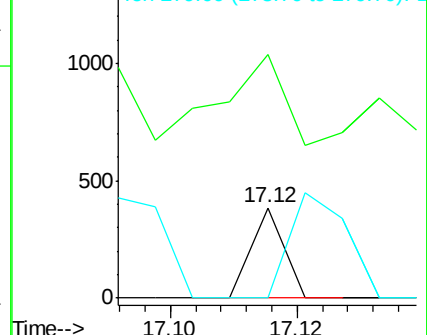
279 0.0 19.0 28.4#

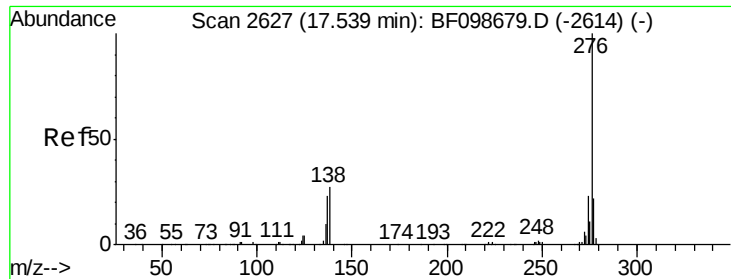


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 0.12 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF098756.D
 Acq: 23 Sep 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	65.2	17.9	26.9	#
138	89.5	21.8	32.8	#

