

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101960.D
 Acq On : 9 Jan 2018 18:50
 Operator : SJ/JU
 Sample : J1044-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:00:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240207	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	951114	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	363915	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	506496	20.00	ng	0.00
75) Chrysene-d12	13.88	240	400196	20.00	ng	0.00
86) Perylene-d12	15.30	264	292229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1865780	109.68	ng	0.02
7) Phenol-d6	6.36	99	2265869	111.64	ng	0.01
23) Nitrobenzene-d5	7.30	82	1372672	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	300869	94.74	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1748503	75.06	ng	0.00
78) Terphenyl-d14	12.83	244	1145859	59.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	1258	0.148	ng	# 40
3) Pyridine	3.02	79	118	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.05	42	711	0.073	ng	# 1
6) Aniline	6.37	93	2934	0.103	ng	# 1
8) 2-Chlorophenol	6.50	128	1307	0.077	ng	# 1
9) Benzaldehyde	6.50	77	39864	2.829	ng	83
10) Phenol	6.37	94	108806	4.744	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	2703	0.155	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	401	0.020	ng	# 1
13) 1,4-Dichlorobenzene	6.88	146	401	0.020	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	401	0.022	ng	# 1
15) Benzyl Alcohol	6.89	79	22351	1.506	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.01	45	323	0.010	ng	70
17) 2-Methylphenol	6.89	107	264	0.017	ng	# 1
18) Hexachloroethane	7.30	117	130	0.019	ng	# 2
19) n-Nitroso-di-n-propylamine	7.30	70	187711	14.113	ng	# 80
20) 3+4-Methylphenols	7.13	107	1707	0.092	ng	81
22) Acetophenone	7.13	105	989	0.043	ng	# 1
24) Nitrobenzene	7.29	77	4533	0.261	ng	# 37
25) Isophorone	7.30	82	1370043	42.840	ng	# 64
27) 2,4-Dimethylphenol	7.70	122	129	0.009	ng	# 4
28) bis(2-Chloroethoxy)methane	7.76	93	232	0.012	ng	# 1
31) Naphthalene	8.03	128	7188	0.151	ng	98
32) Benzoic acid	7.77	122	121	0.012	ng	# 42
33) 4-Chloroaniline	8.03	127	1088	0.054	ng	# 15
35) Caprolactam	8.44	113	112	0.025	ng	# 1
36) 4-Chloro-3-methylphenol	8.57	107	2339	0.166	ng	# 34
37) 2-Methylnaphthalene	8.72	142	2113	0.068	ng	99
45) 1,1'-Biphenyl	9.19	154	5929	0.184	ng	87
46) 2-Chloronaphthalene	9.35	162	107	0.004	ng	# 37
47) 2-Nitroaniline	9.32	65	292	0.039	ng	# 2
48) Acenaphthylene	9.62	152	14850	0.375	ng	97
49) Dimethylphthalate	9.48	163	218890	7.498	ng	99
50) 2,6-Dinitrotoluene	9.48	165	2776	0.476	ng	# 23

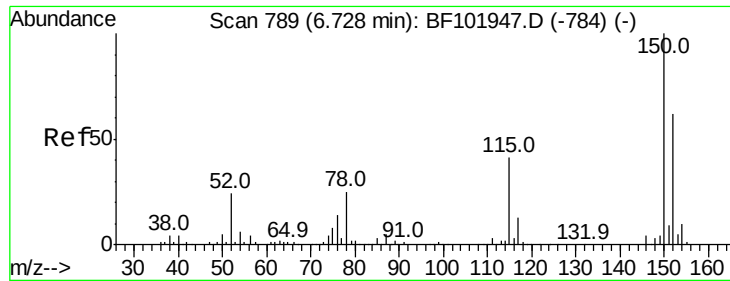
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101960.D
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Quant Time: Jan 10 00:00:53 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.79	154	5875	0.245	nq	# 92
52) 3-Nitroaniline	9.71	138	153	0.021	nq	# 2
54) Dibenzofuran	9.96	168	4054	0.123	nq	# 90
55) 4-Nitrophenol	9.90	139	244	0.044	nq	# 18
56) 2,4-Dinitrotoluene	10.03	165	2083	0.285	nq	# 21
57) Fluorene	10.31	166	5621	0.247	nq	# 97
59) Diethylphthalate	10.19	149	5155	0.178	nq	# 85
61) 4-Nitroaniline	10.32	138	238	0.034	nq	# 19
62) Azobenzene	10.47	77	93597	3.240	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	612	5.858	nq	# 1
65) n-Nitrosodiphenylamine	10.42	169	1715	0.090	nq	# 22
66) 4-Bromophenyl-phenylether	10.55	248	20825	3.893	nq	# 1
70) Phenanthrene	11.27	178	19586	0.662	nq	# 97
71) Anthracene	11.32	178	7769	0.259	nq	# 98
72) Carbazole	11.47	167	4158	0.141	nq	# 70
73) Di-n-butylphthalate	11.82	149	4646	0.128	nq	# 86
74) Fluoranthene	12.45	202	65771	2.259	nq	# 96
76) Benzidine	12.77	184	475	0.025	nq	# 1
77) Pyrene	12.68	202	59929	1.694	nq	# 98
79) Butylbenzylphthalate	13.32	149	1121	0.069	nq	# 61
80) Benzo(a)anthracene	13.87	228	22060	0.864	nq	# 64
81) 3,3'-Dichlorobenzidine	13.83	252	833	0.088	nq	# 66
82) Chrysene	13.90	228	28267	1.062	nq	# 86
83) Bis(2-ethylhexyl)phthalate	13.87	149	4607	0.247	nq	# 91
84) Di-n-octyl phthalate	14.49	149	2248	0.073	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.67	276	10072	0.520	nq	# 84
87) Benzo(b)fluoranthene	14.89	252	29368	1.541	nq	# 80
88) Benzo(k)fluoranthene	14.89	252	29368	1.598	nq	# 83
89) Benzo(a)pyrene	15.24	252	18702	1.091	nq	# 75
90) Dibenzo(a,h)anthracene	16.69	278	4774	0.349	nq	# 17
91) Benzo(a,h,i)perylene	17.08	276	9105	0.661	nq	# 71

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

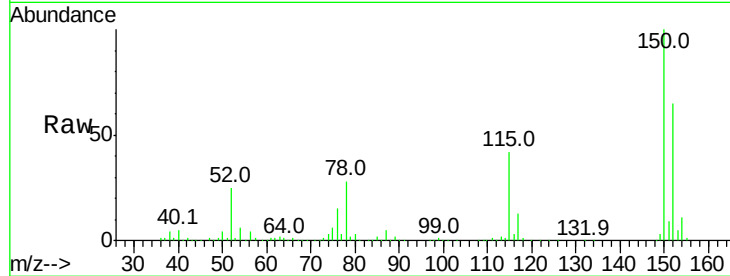


#1

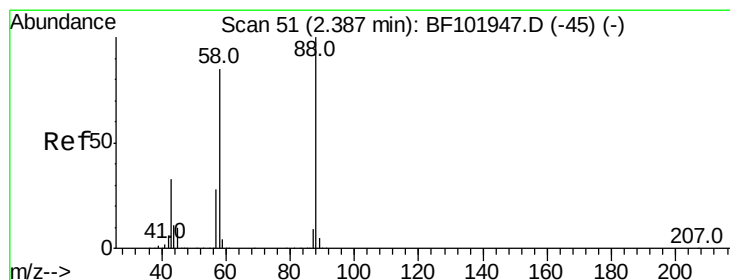
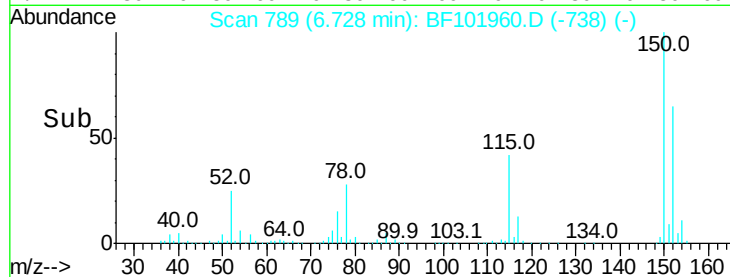
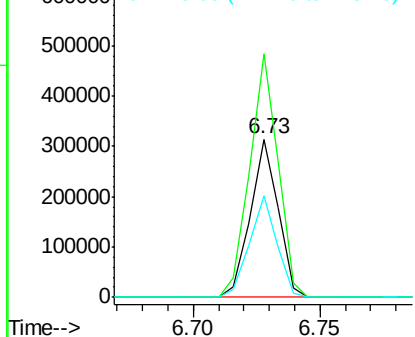
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 240207
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 63.9 50.1 75.1



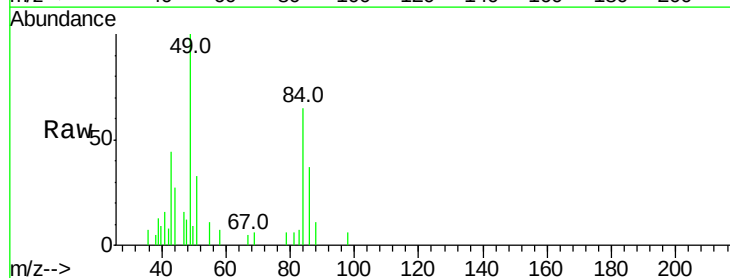
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



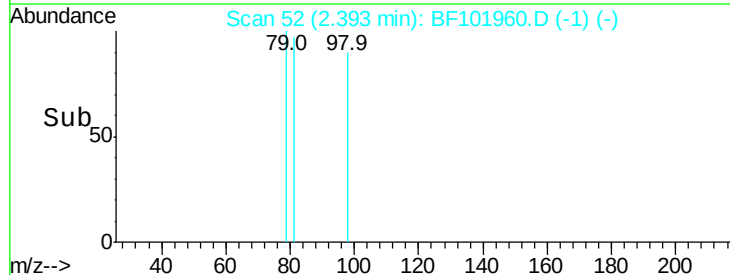
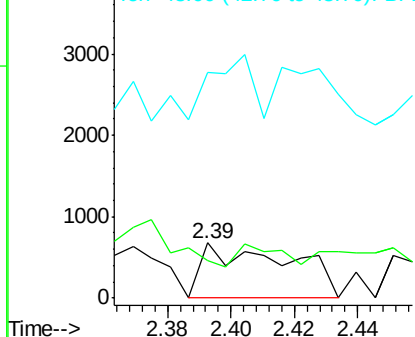
#2

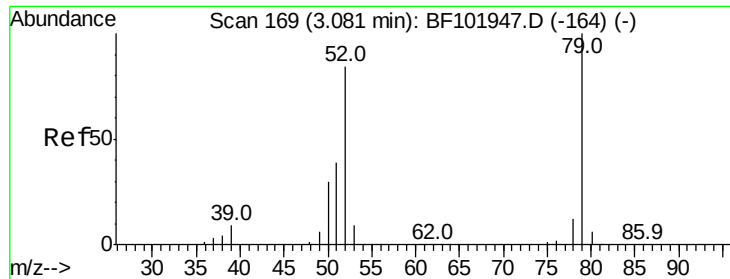
1,4-Dioxane
Concen: 0.148 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion: 88 Resp: 1258
Ion Ratio Lower Upper
88 100
58 20.2 62.6 93.8#
43 54.8 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.005 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.06 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

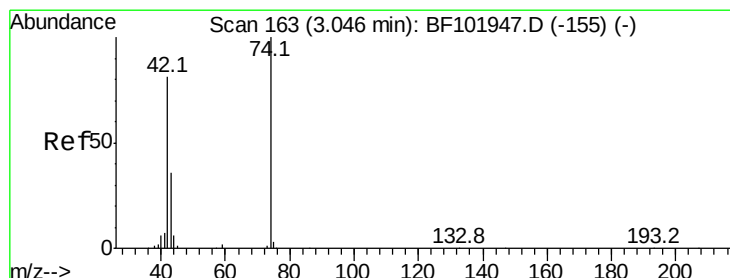
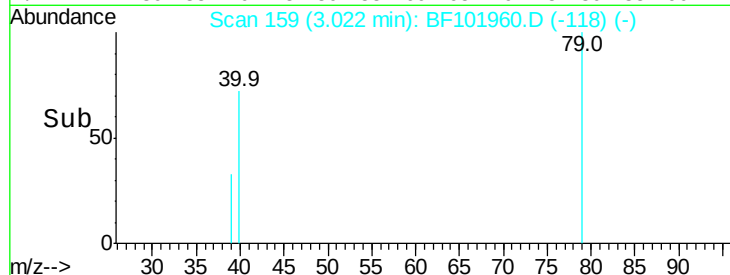
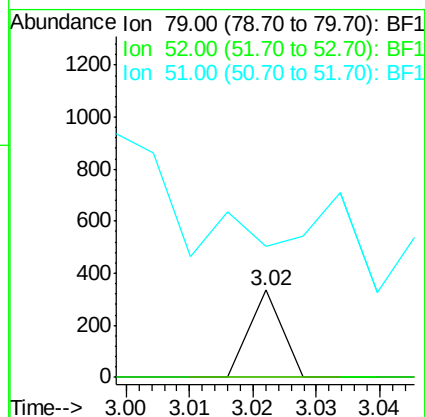
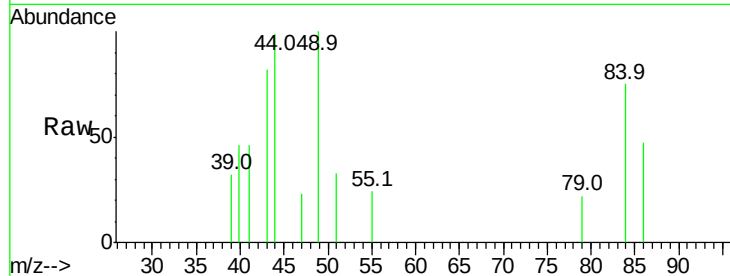
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 150.6 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.073 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

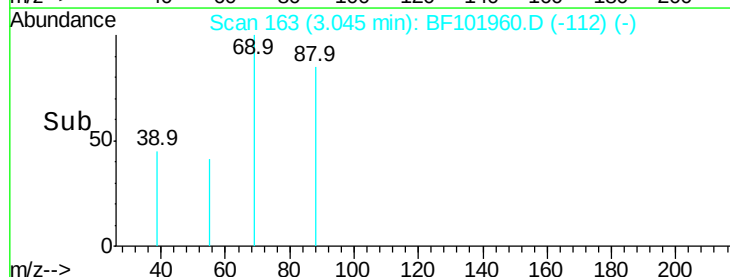
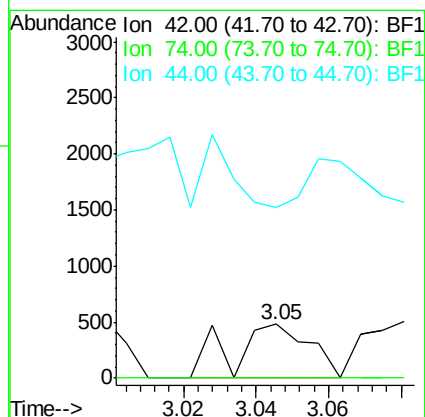
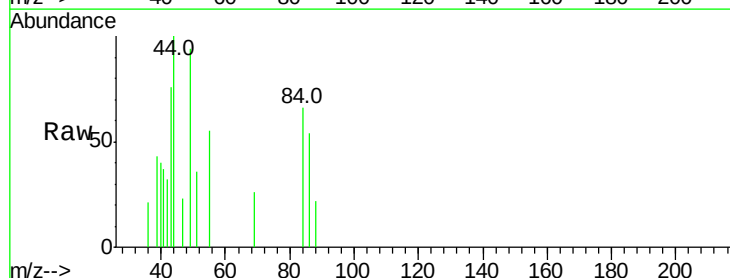
Tgt Ion: 42 Resp: 711

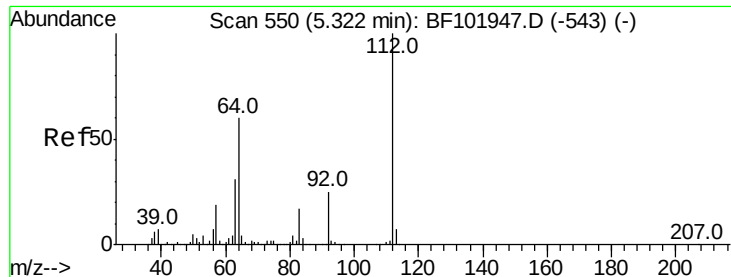
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 317.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 109.682 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

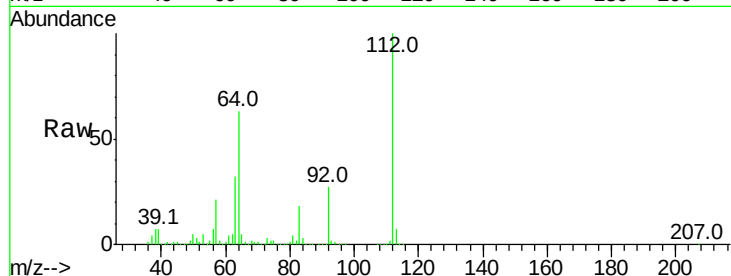
Tot Ion:112 Resp: 1865780

Ion Ratio Lower Upper

112 100

64 63.3 47.9 71.9

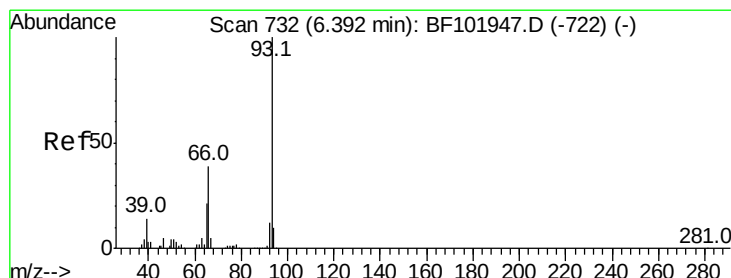
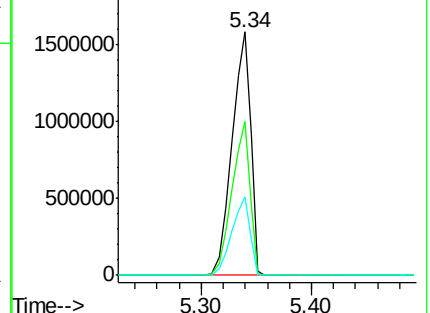
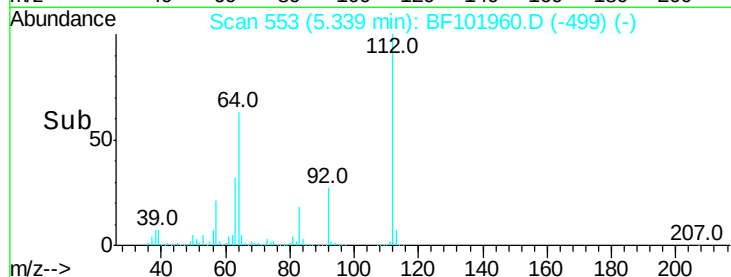
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.103 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

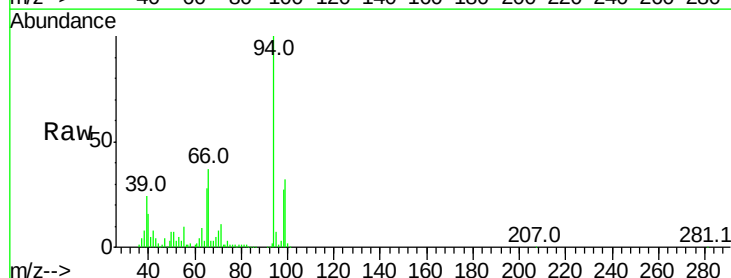
Tgt Ion: 93 Resp: 2934

Ion Ratio Lower Upper

93 100

66 1811.7 32.2 48.2#

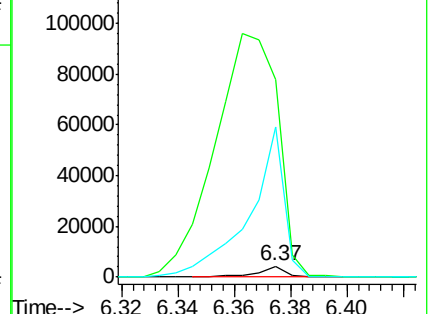
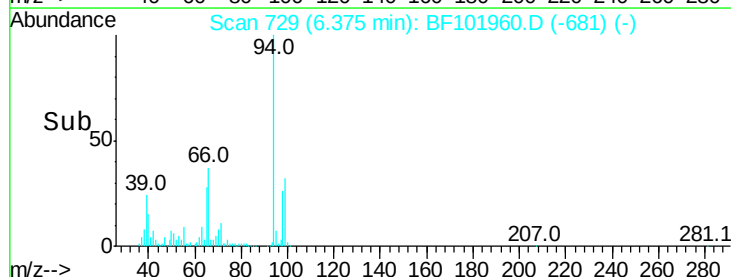
65 1383.4 16.4 24.6#

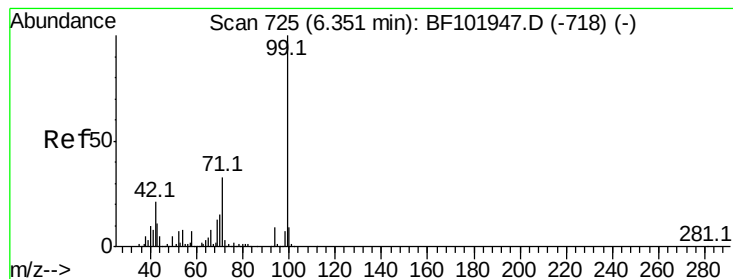


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.643 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

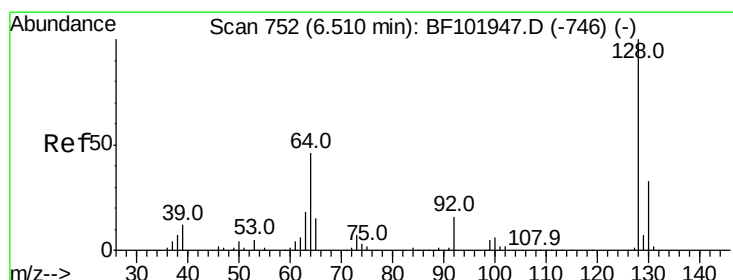
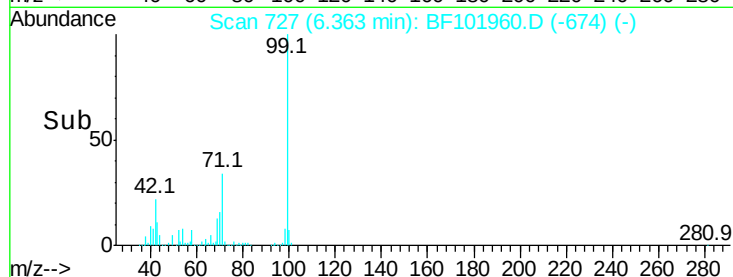
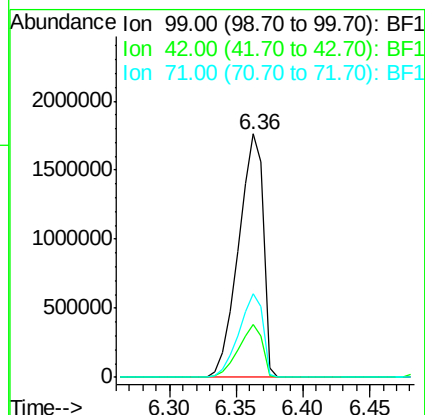
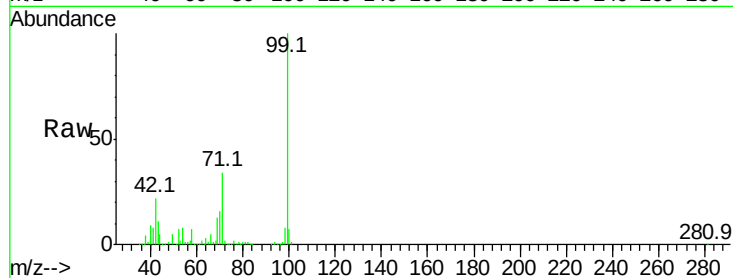
Tot Ion: 99 Resp: 2265869

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

71 34.5 25.4 38.0



#8

2-Chlorophenol

Concen: 0.077 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

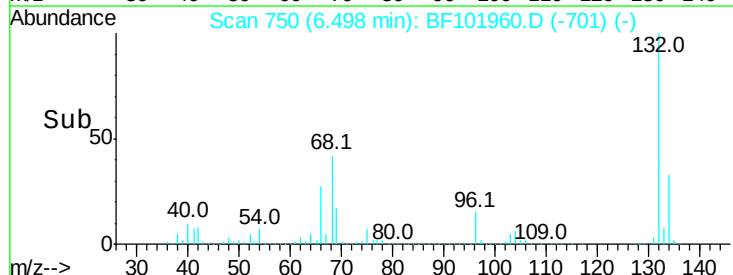
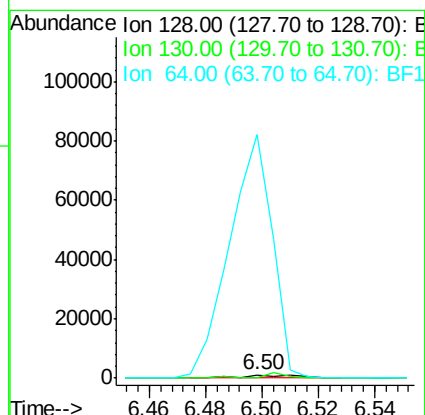
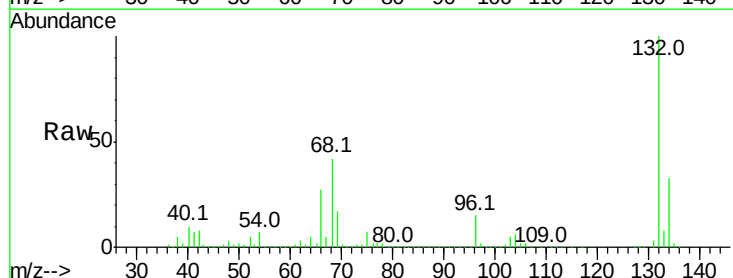
Tgt Ion:128 Resp: 1307

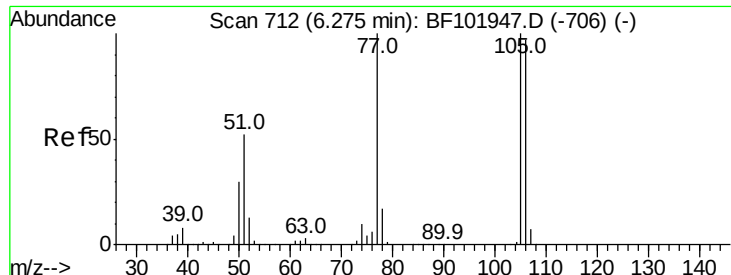
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 7831.5 29.4 69.4#





#9

Benzaldehyde

Concen: 2.829 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampled :

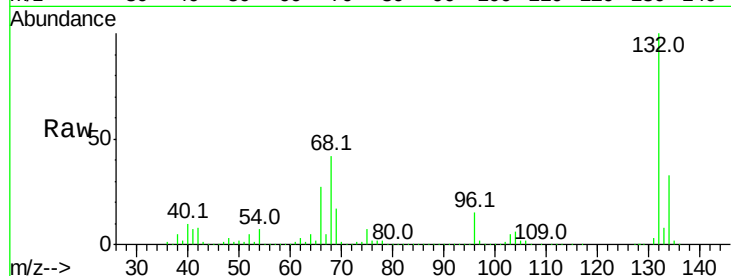
Tot Ion: 77 Resp: 39864

Ion Ratio Lower Upper

77 100

105 81.1 81.1 121.1

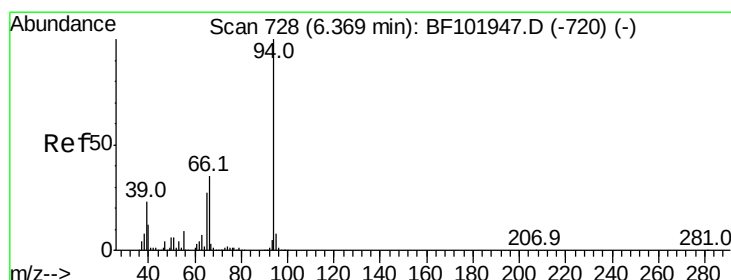
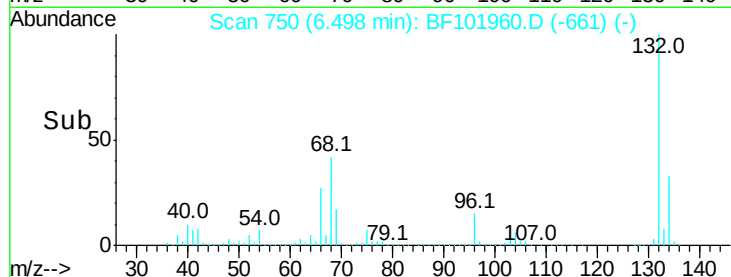
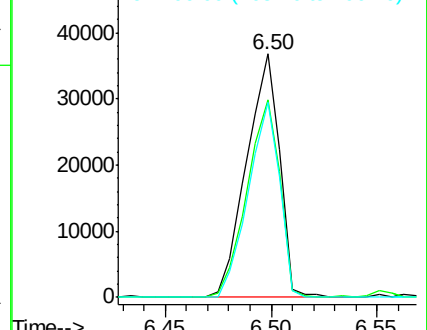
106 80.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 4.744 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

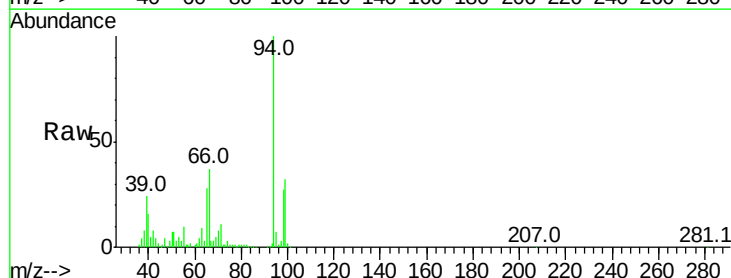
Tgt Ion: 94 Resp: 108806

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

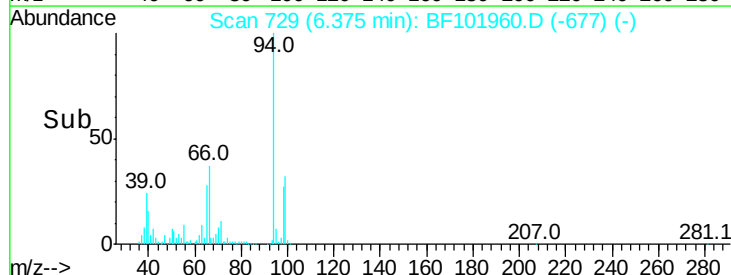
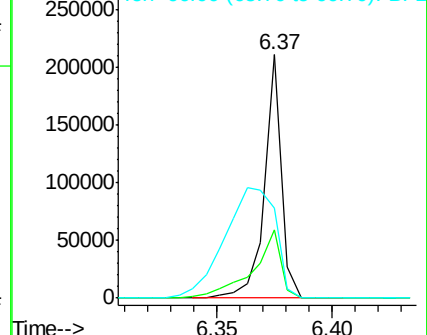
66 36.8 16.2 56.2

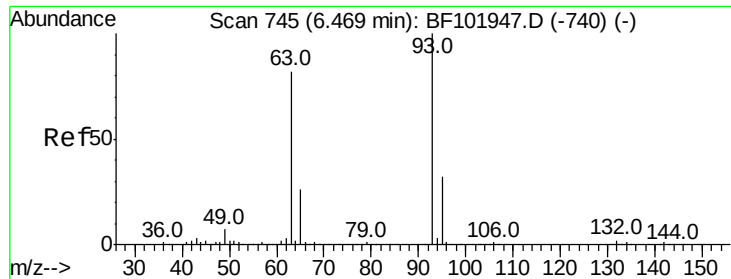


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.155 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.03 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

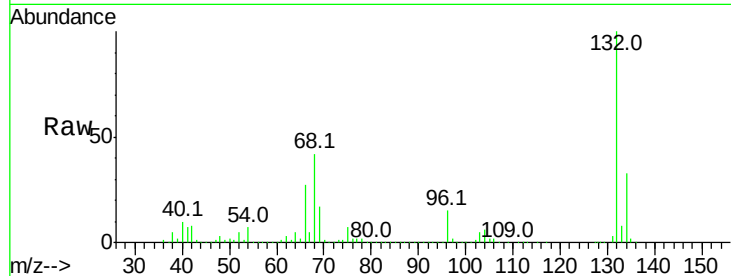
Tot Ion: 93 Resp: 2703

Ion Ratio Lower Upper

93 100

63 756.1 58.6 98.6#

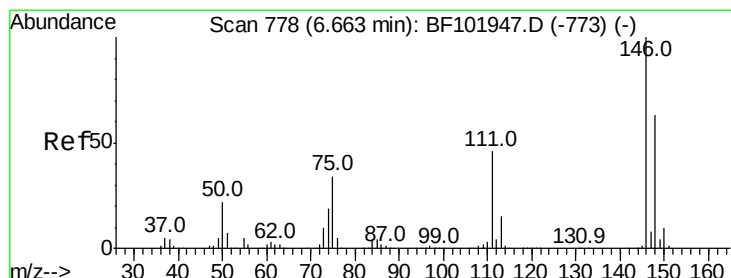
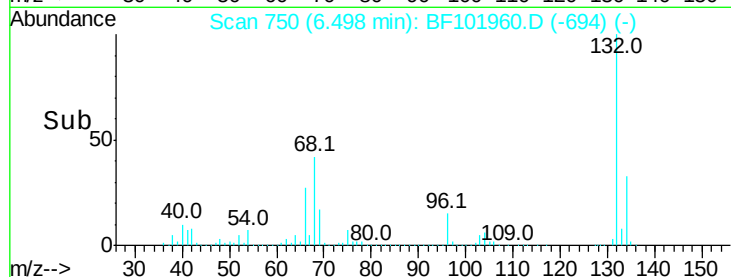
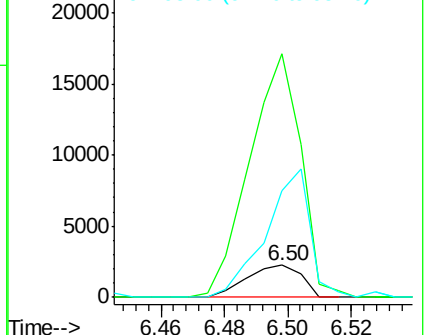
95 332.4 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.22 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

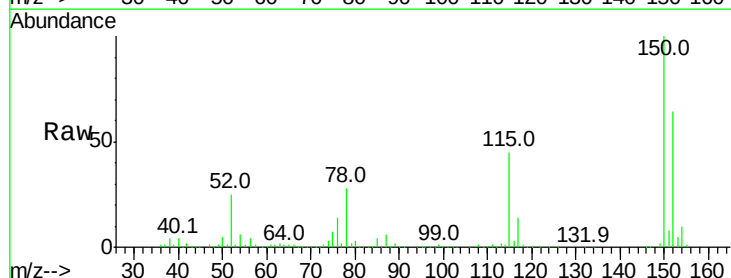
Tgt Ion: 146 Resp: 401

Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.8#

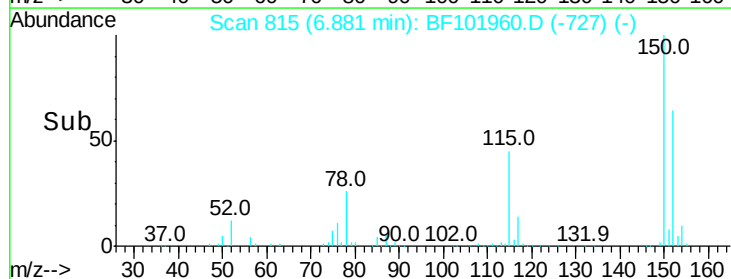
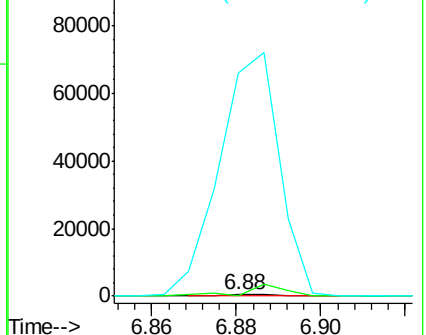
75 5987.7 24.2 36.4#

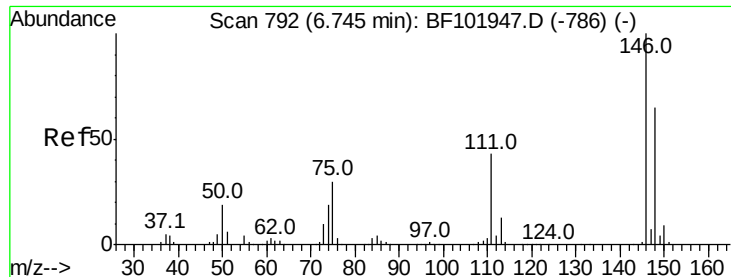


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

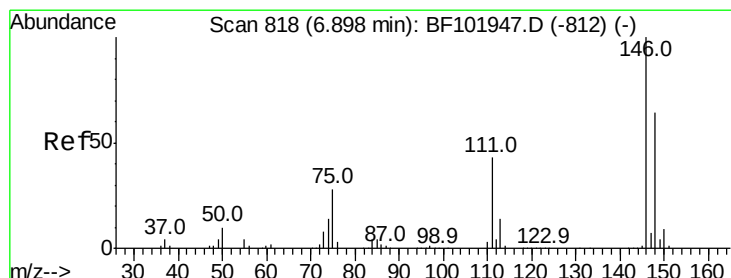
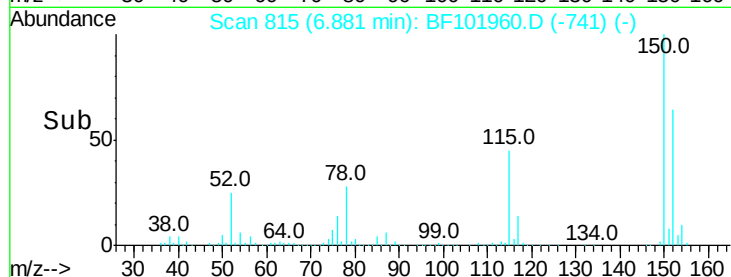
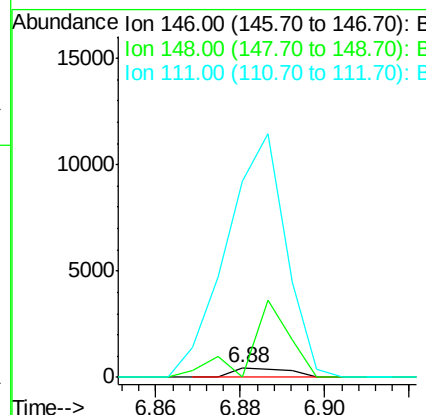
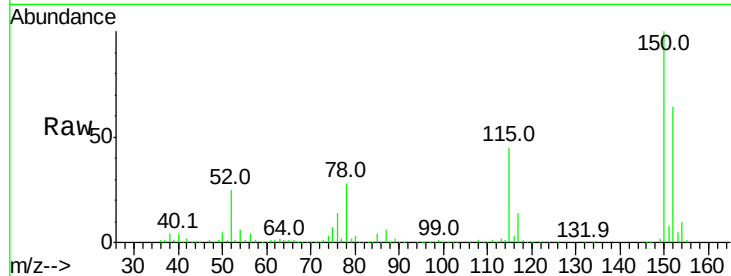




#13
 1,4-Dichlorobenzene
 Concen: 0.020 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.14 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

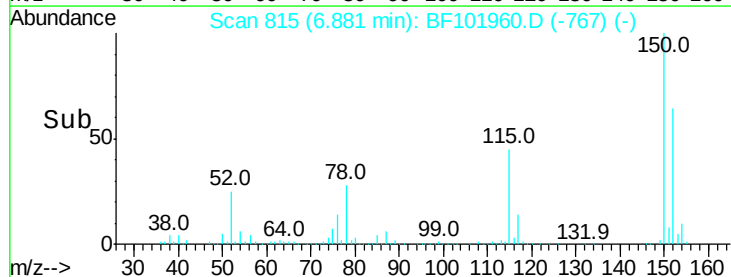
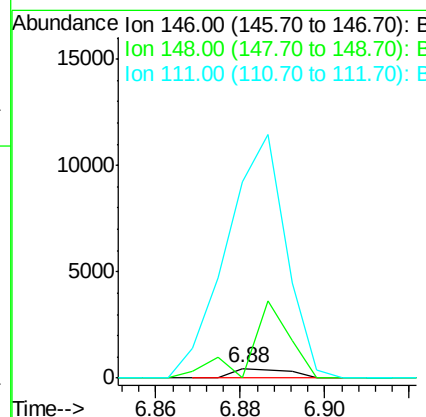
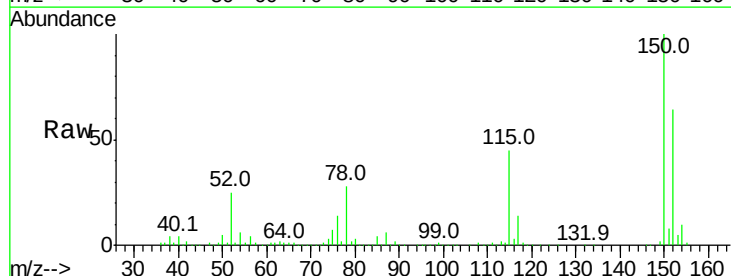
Instrument :
 BNA_F
 ClientSampleId :

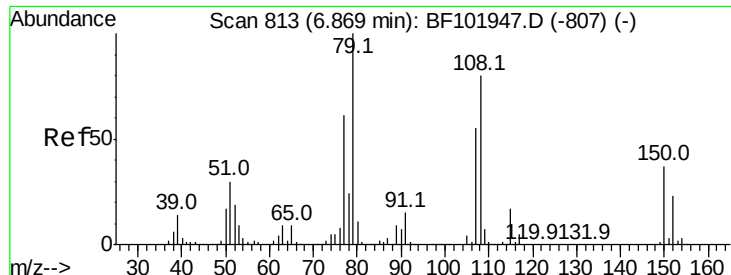
Tot Ion:146 Resp: 401
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 837.5 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.022 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion:146 Resp: 401
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.6 75.8#
 111 837.5 36.0 54.0#





#15

Benzyl Alcohol

Concen: 1.506 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

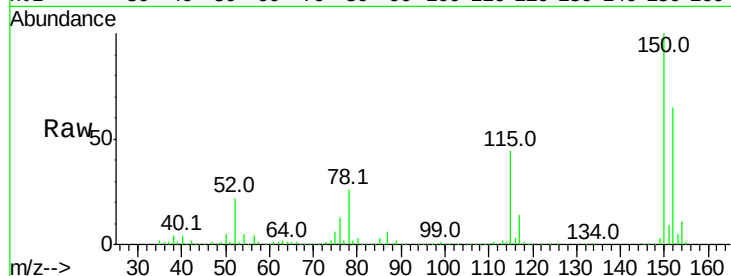
Tot Ion: 79 Resp: 22351

Ion Ratio Lower Upper

79 100

108 28.4 65.1 97.7#

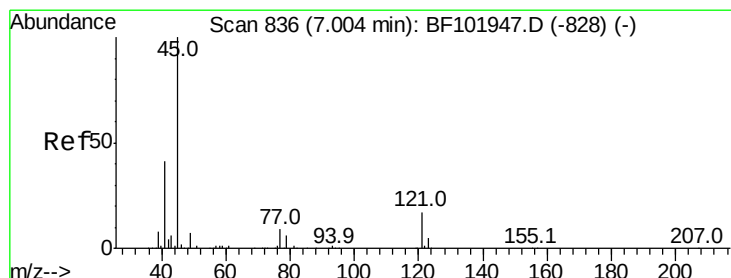
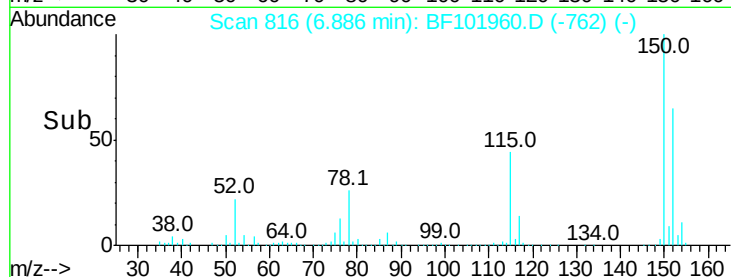
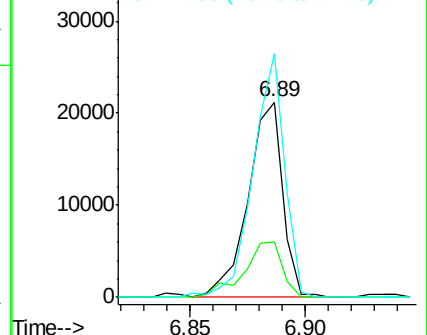
77 124.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

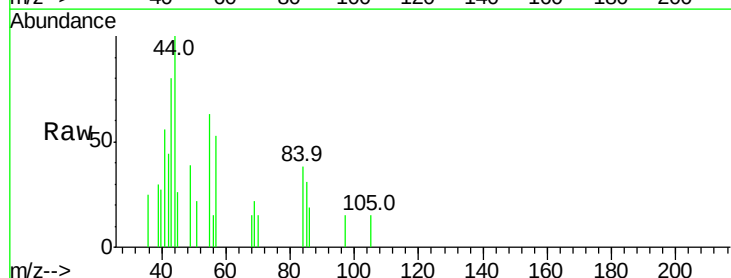
Tgt Ion: 45 Resp: 323

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

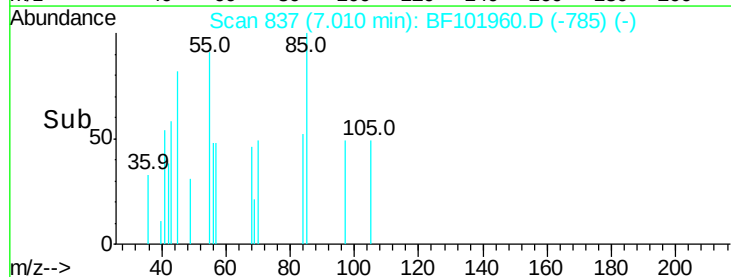
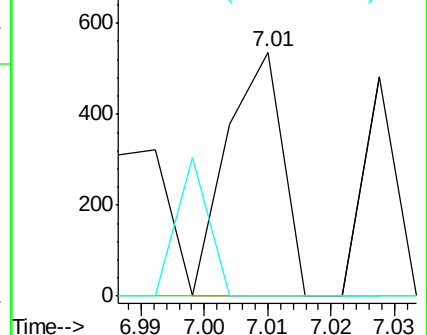
79 0.0 0.0 29.6

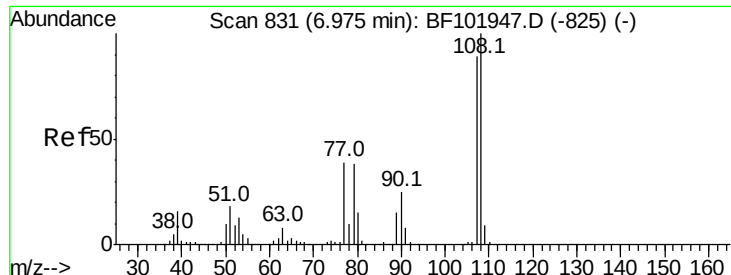


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.017 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.09 min

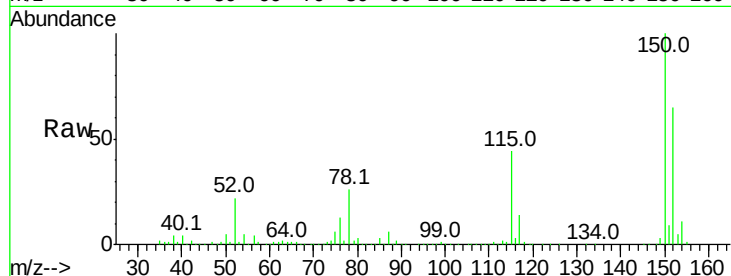
Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampled :



Tot Ion:107 Resp: 264

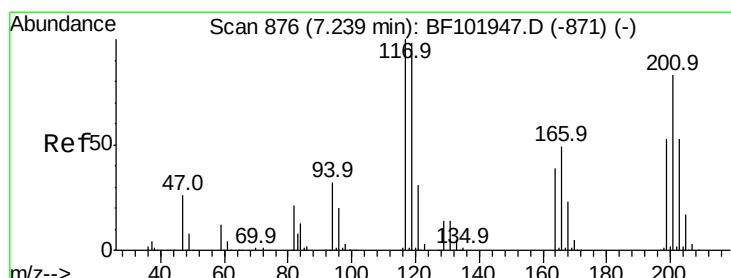
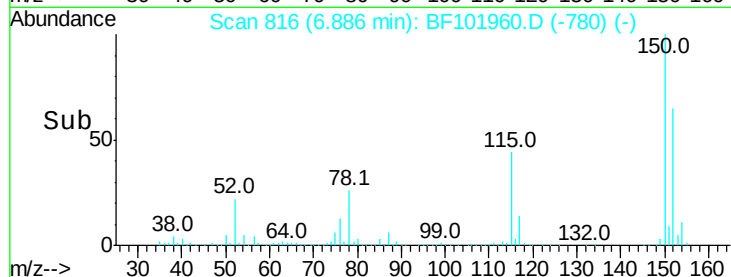
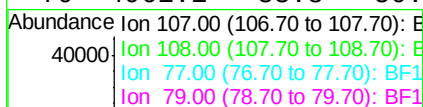
Ion Ratio Lower Upper

107 100

108 1409.6 91.7 137.5#

77 6192.0 33.8 50.8#

79 4961.1 33.8 50.8#



#18

Hexachloroethane

Concen: 0.019 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.06 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

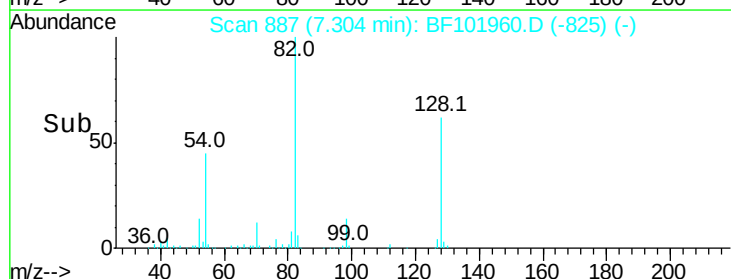
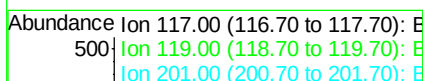
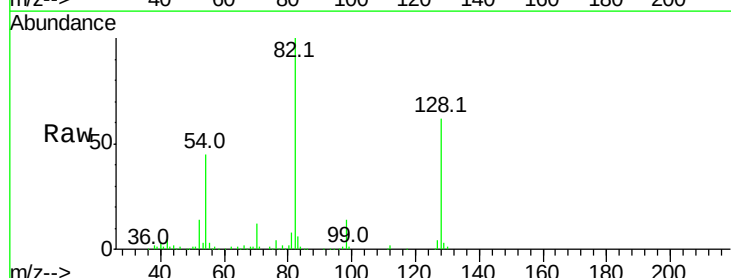
Tgt Ion:117 Resp: 130

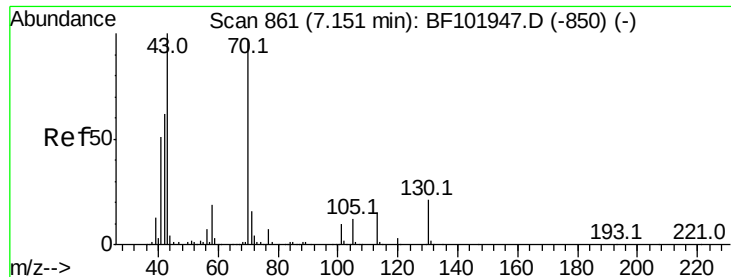
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

201 0.0 75.7 113.5#

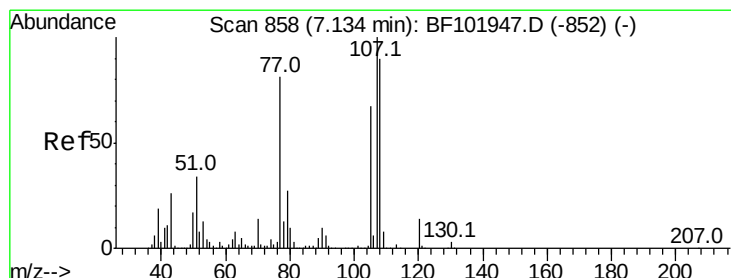
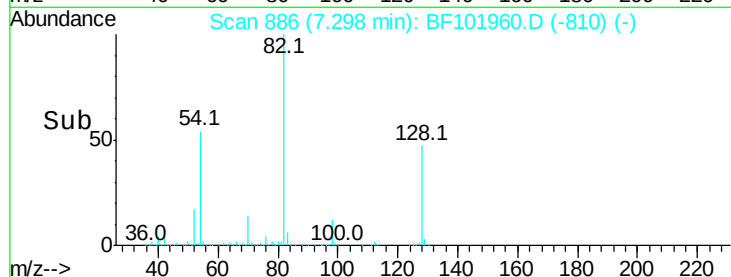
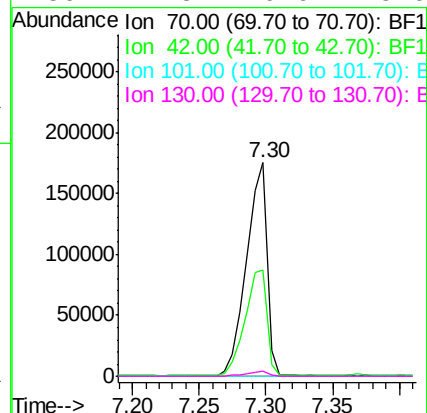
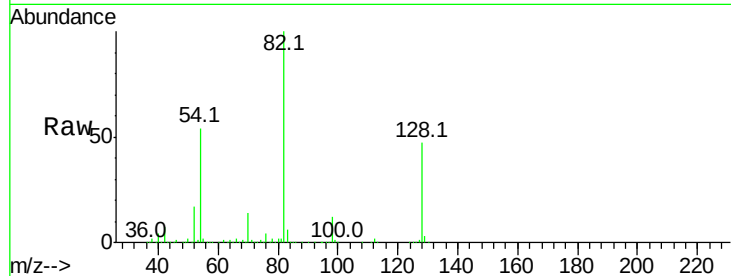




#19
n-Nitroso-di-n-propylamine
Concen: 14.113 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

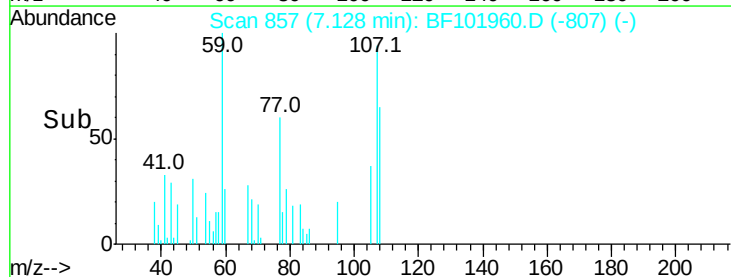
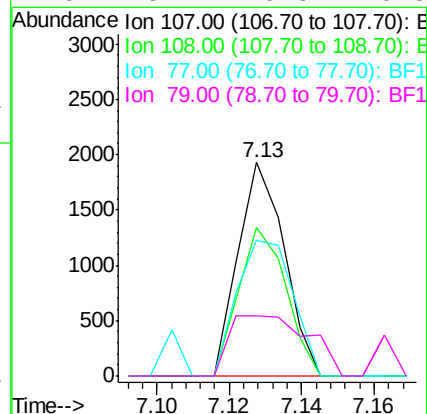
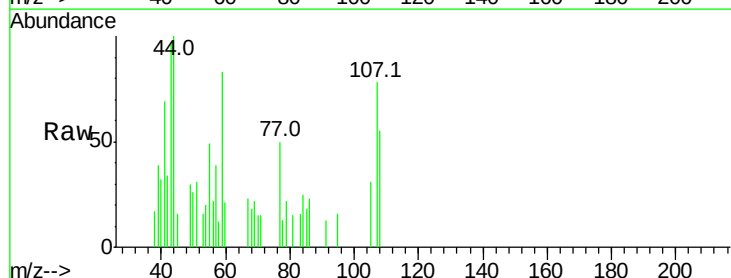
Instrument :
BNA_F
ClientSampleId :

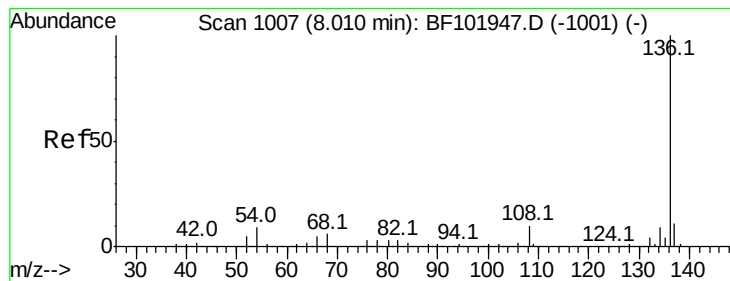
Tot Ion: 70 Resp: 187711
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.092 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:107 Resp: 1707
Ion Ratio Lower Upper
107 100
108 69.5 68.2 108.2
77 63.4 26.7 66.7
79 28.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 951114

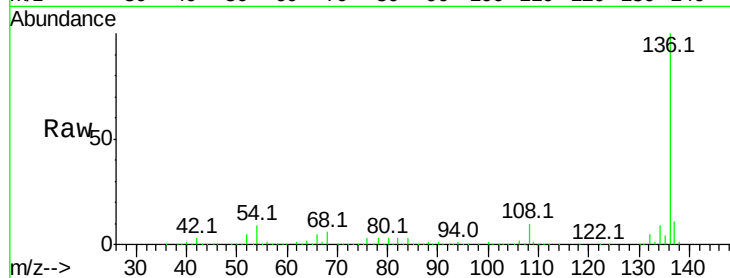
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.3 5.0 7.4

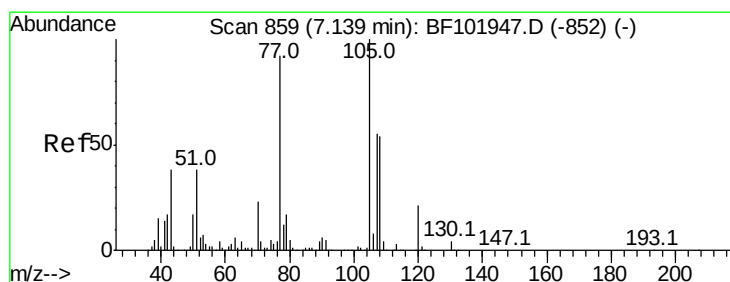
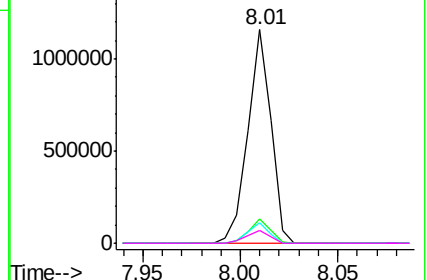
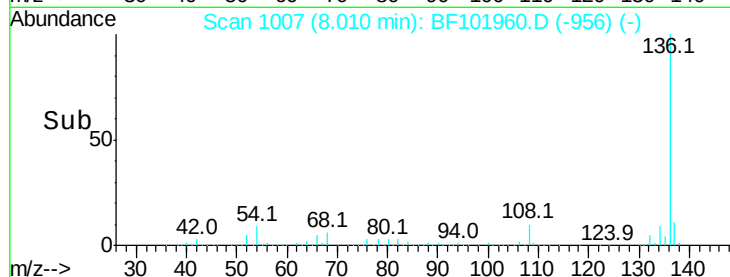


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.043 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Tgt Ion:105 Resp: 989

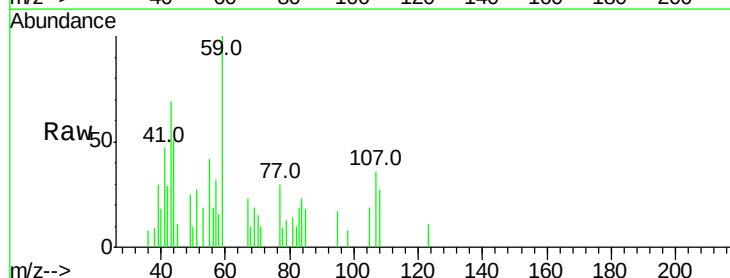
Ion Ratio Lower Upper

105 100

71 53.0 4.4 6.6#

51 141.0 22.3 33.5#

120 0.0 16.9 25.3#

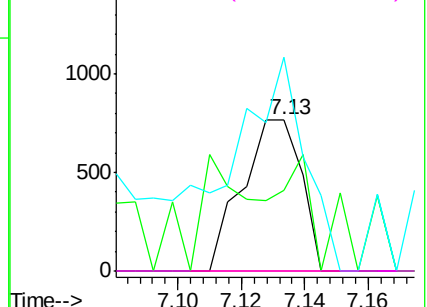
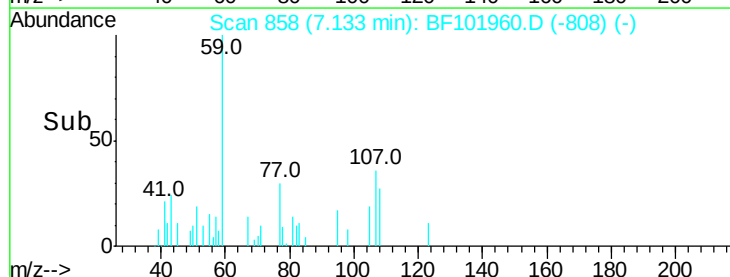


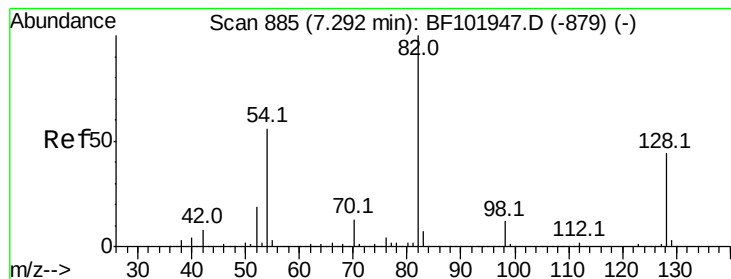
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.810 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampled :

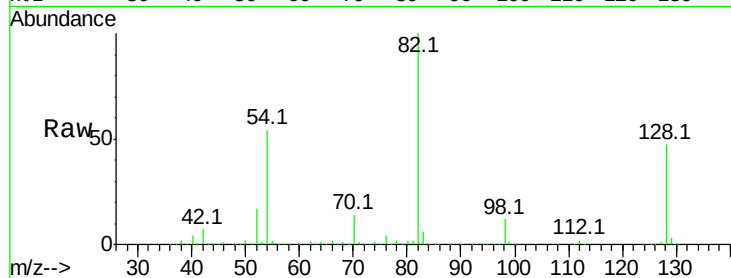
Tot Ion: 82 Resp: 1372672

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

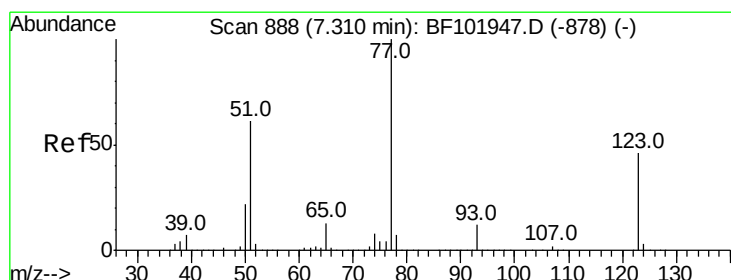
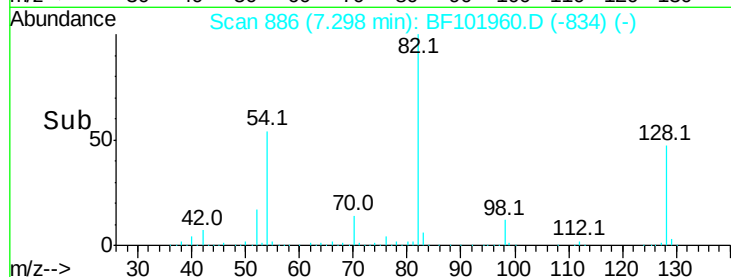
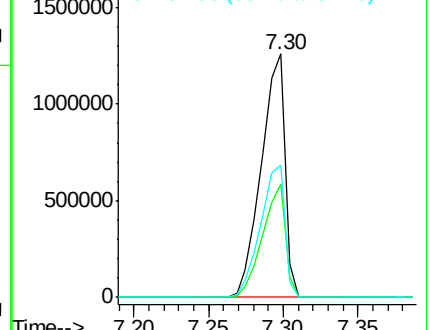
54 54.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 0.261 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

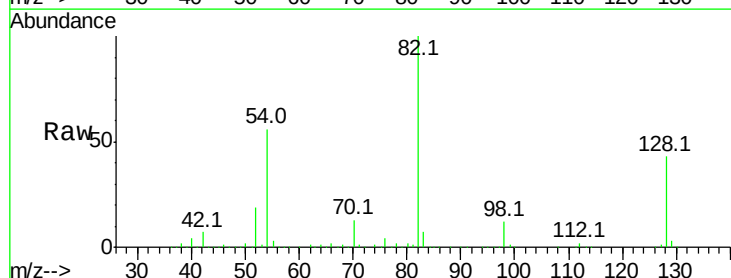
Tgt Ion: 77 Resp: 4533

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

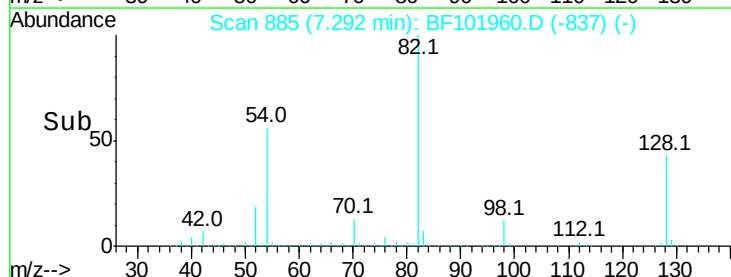
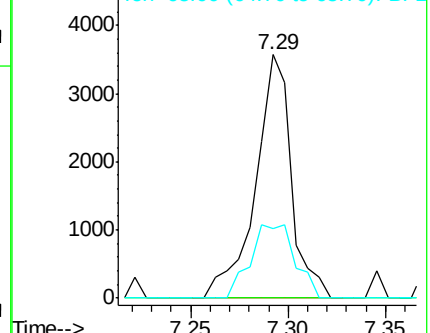
65 28.7 11.0 16.4#

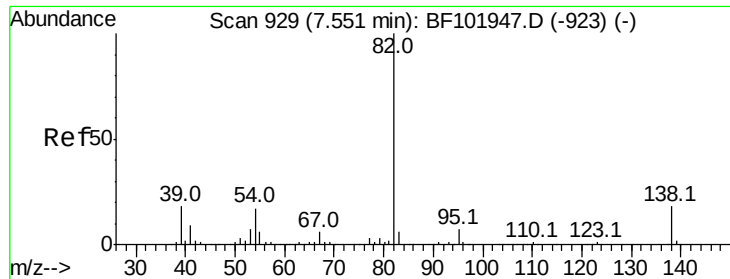


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.840 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

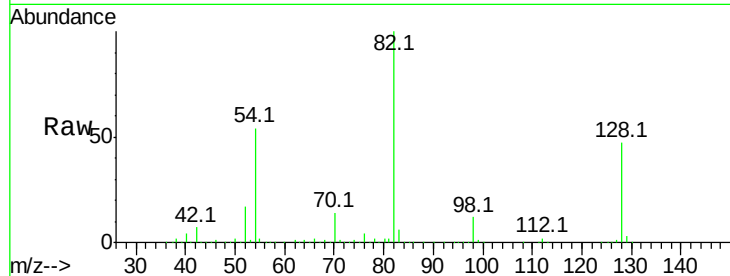
Tot Ion: 82 Resp: 1370043

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

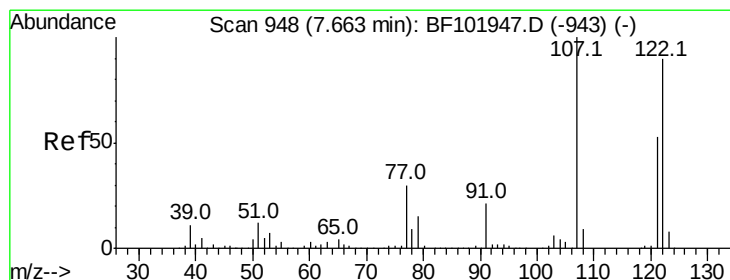
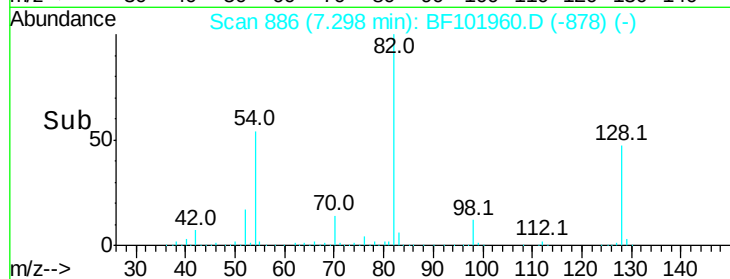
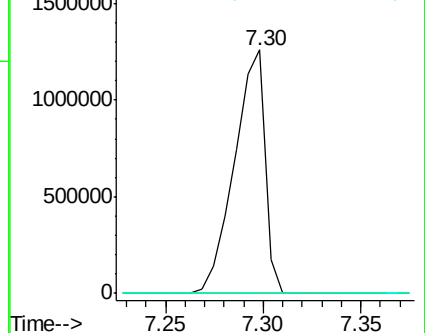
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.009 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.04 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

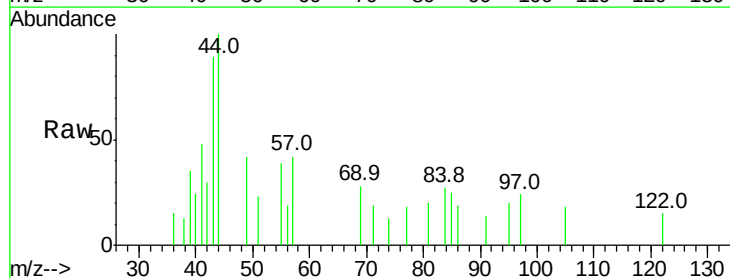
Tgt Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

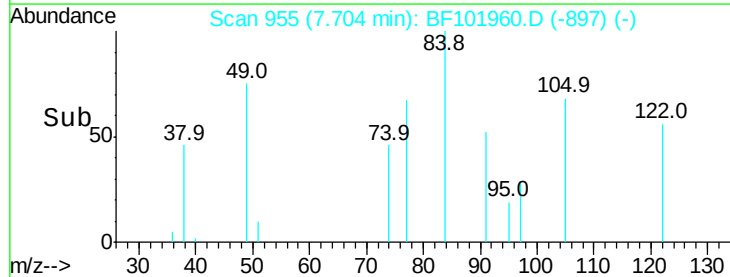
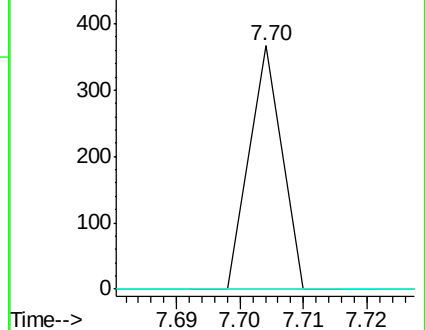
121 0.0 47.2 70.8#

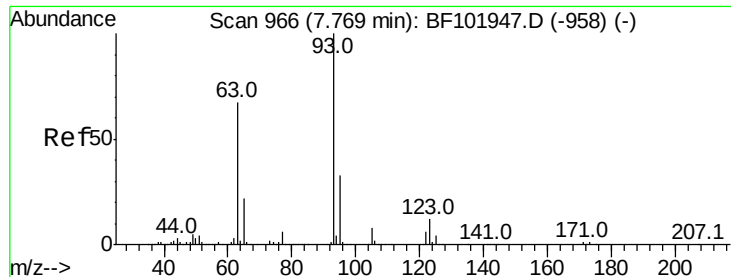


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.012 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

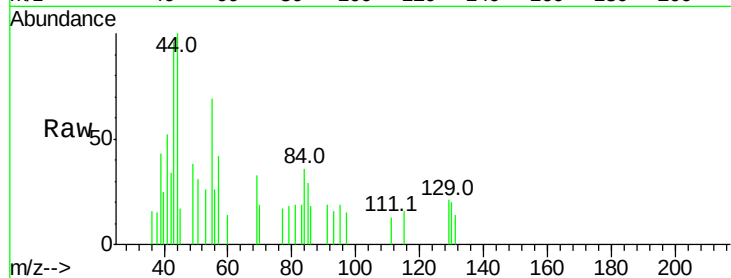
Tot Ion: 93 Resp: 232

Ion Ratio Lower Upper

93 100

95 119.8 26.3 39.5#

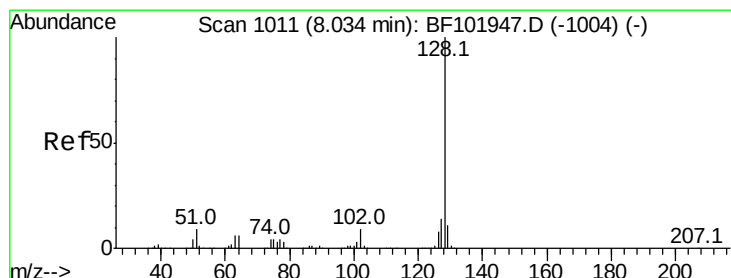
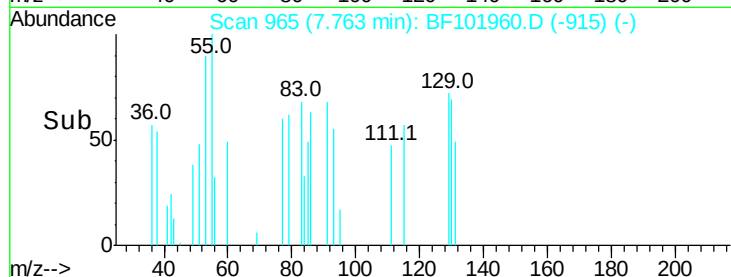
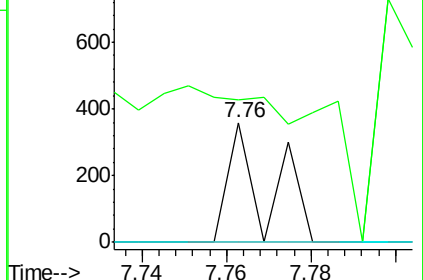
123 0.0 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#31

Naphthalene

Concen: 0.151 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

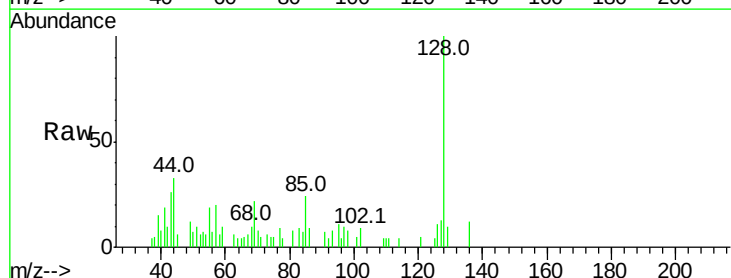
Tgt Ion: 128 Resp: 7188

Ion Ratio Lower Upper

128 100

129 9.8 8.8 13.2

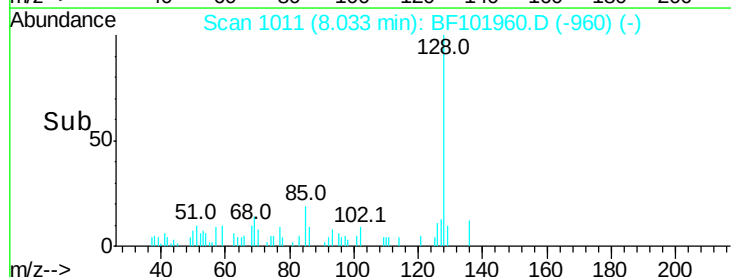
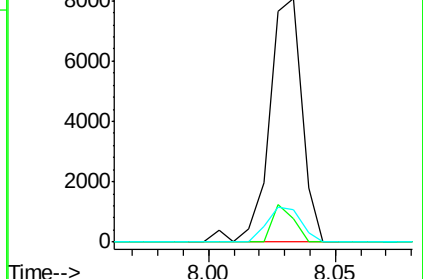
127 13.4 10.9 16.3

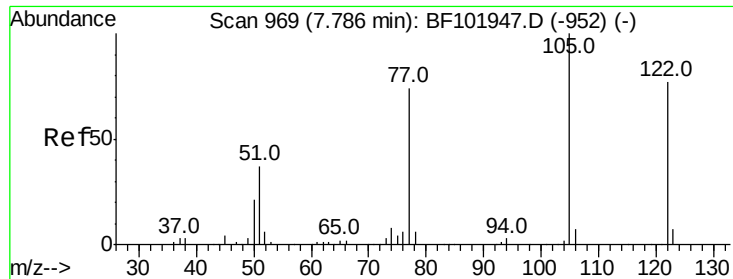


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.012 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampled :

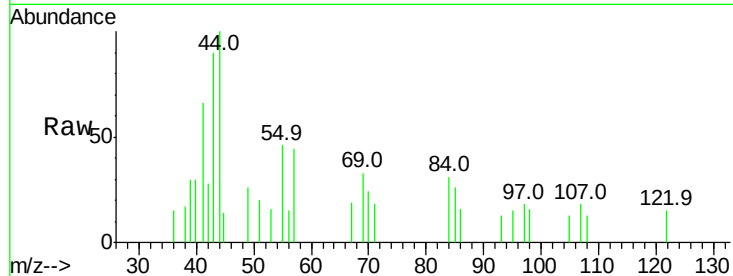
Tot Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 87.8 101.1 141.1#

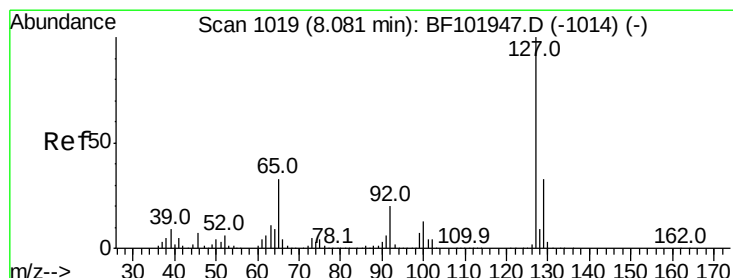
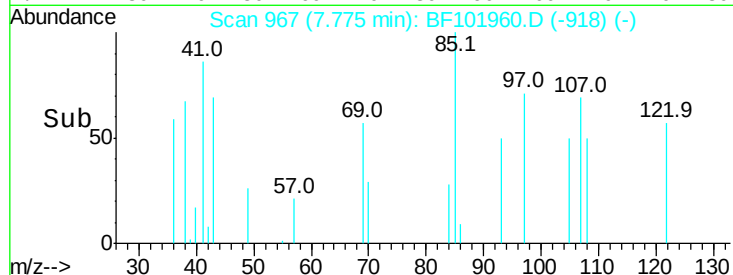
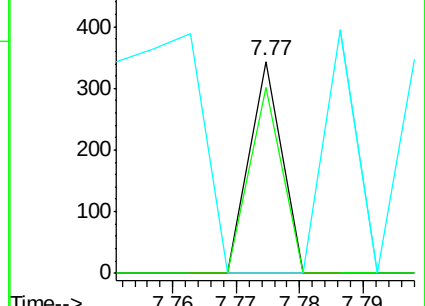
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.054 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Tgt Ion:127 Resp: 1088

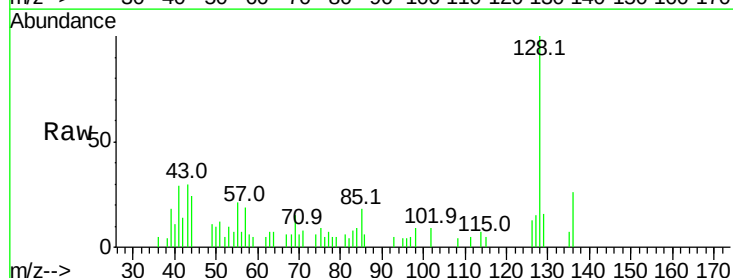
Ion Ratio Lower Upper

127 100

129 109.3 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

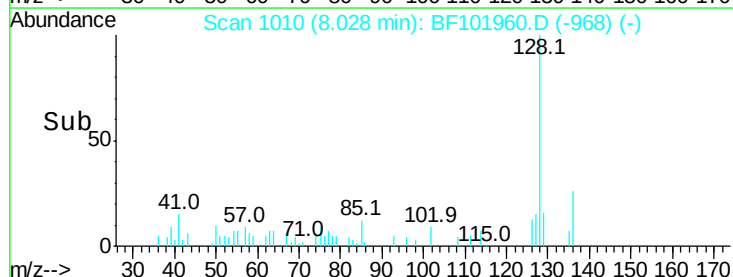
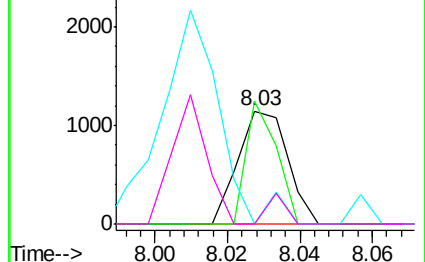


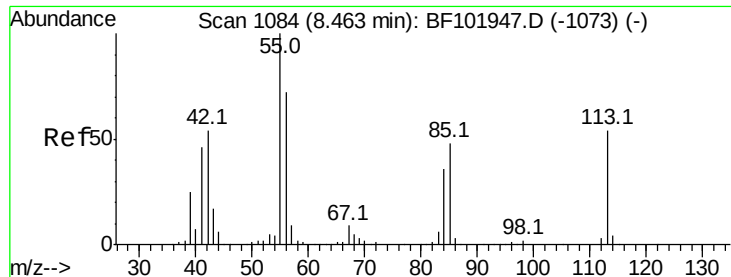
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

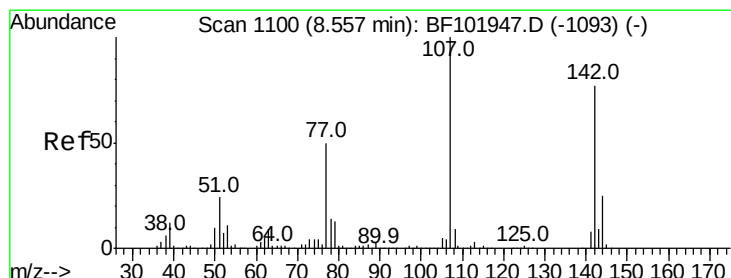
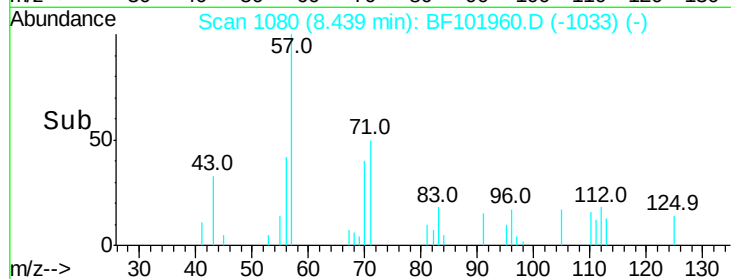
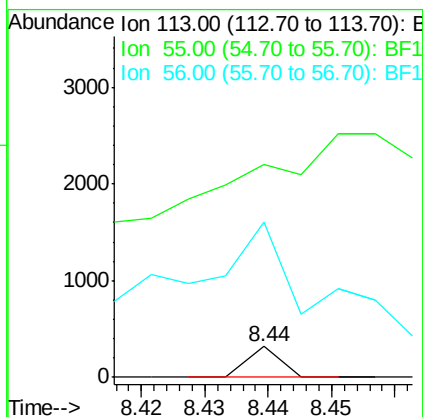
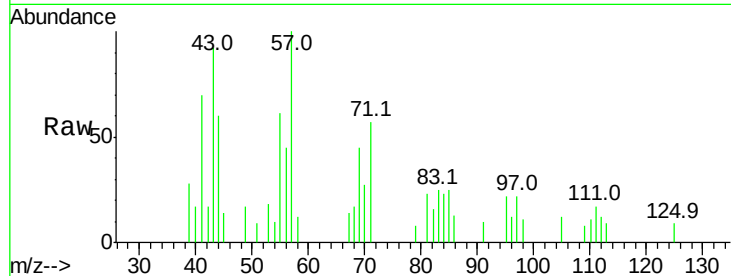




#35
 Caprolactam
 Concen: 0.025 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

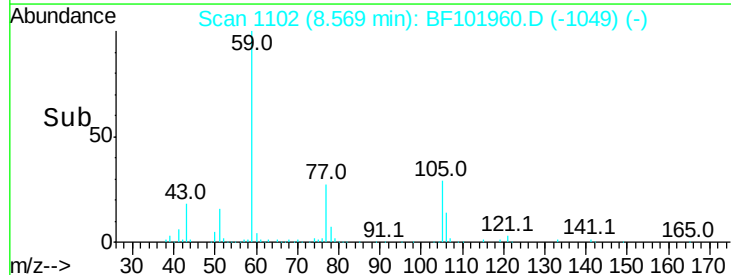
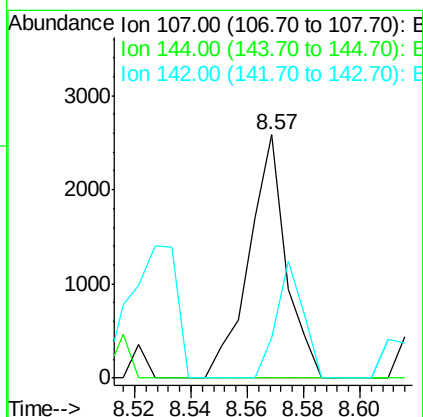
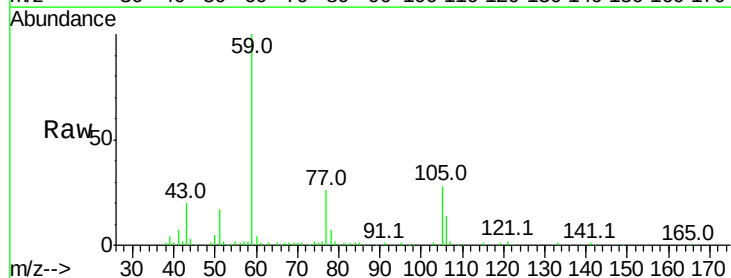
Instrument :
 BNA_F
 ClientSampleId :

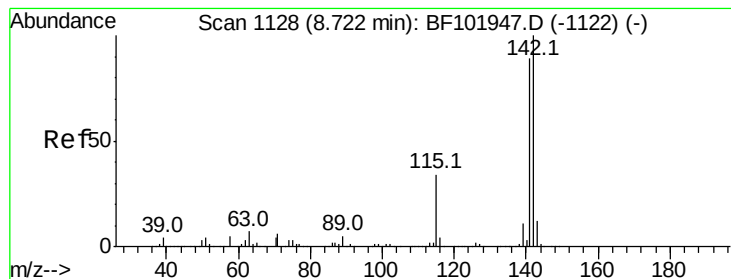
Tot Ion:113 Resp: 112
 Ion Ratio Lower Upper
 113 100
 55 692.5 163.3 203.3#
 56 503.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.166 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion:107 Resp: 2339
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 16.4 62.0 93.0#





#37

2-Methylnaphthalene

Concen: 0.068 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

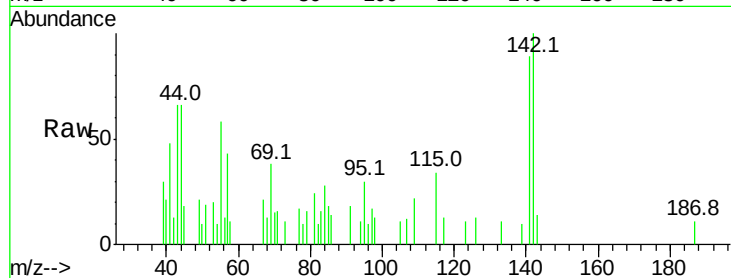
Tot Ion:142 Resp: 2113

Ion Ratio Lower Upper

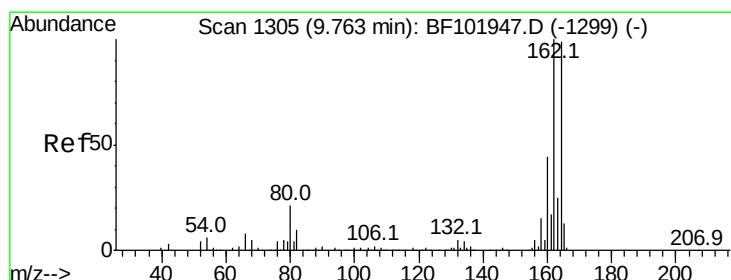
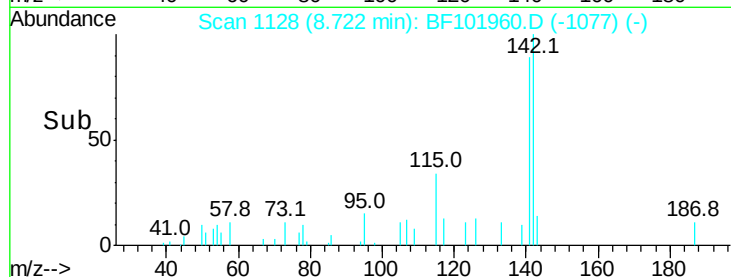
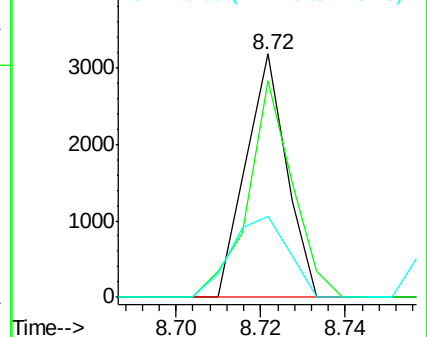
142 100

141 88.9 70.8 106.2

115 33.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

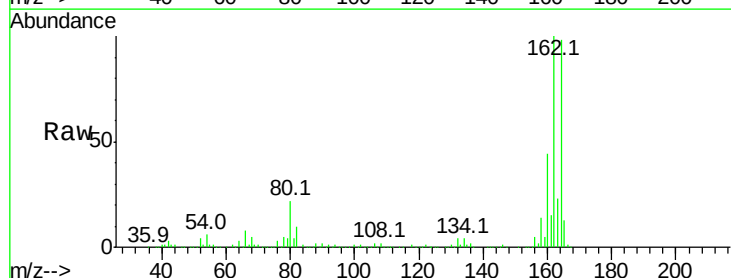
Tgt Ion:164 Resp: 363915

Ion Ratio Lower Upper

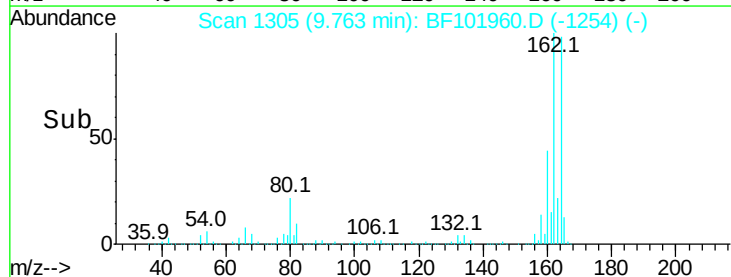
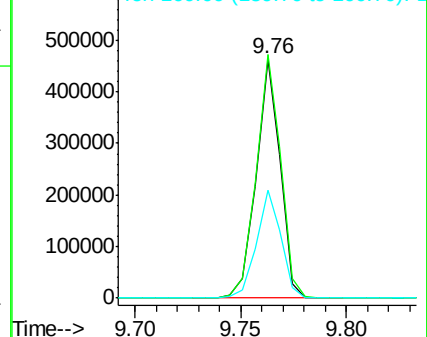
164 100

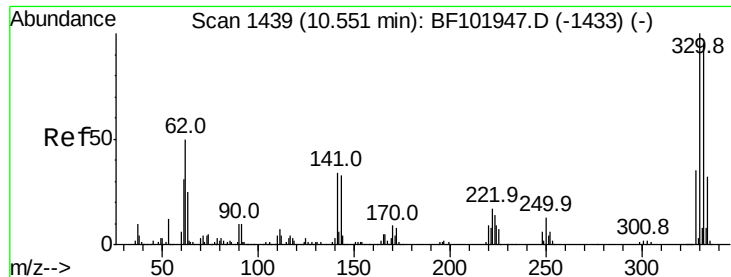
162 101.8 86.1 129.1

160 45.1 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

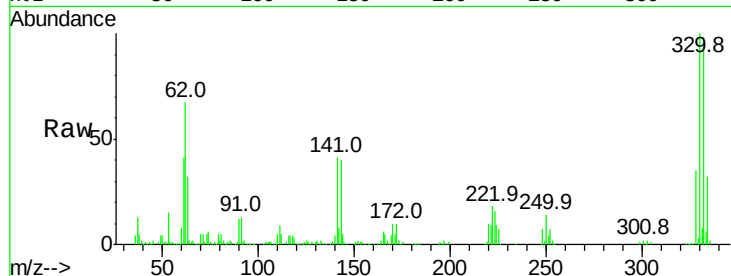




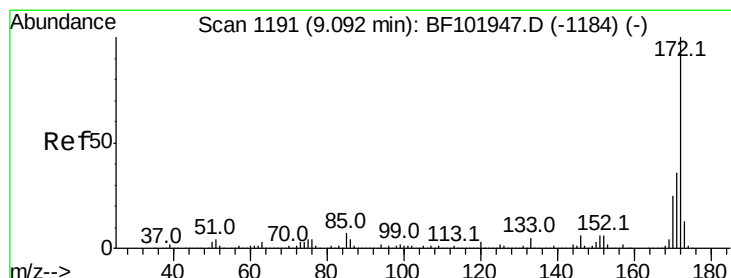
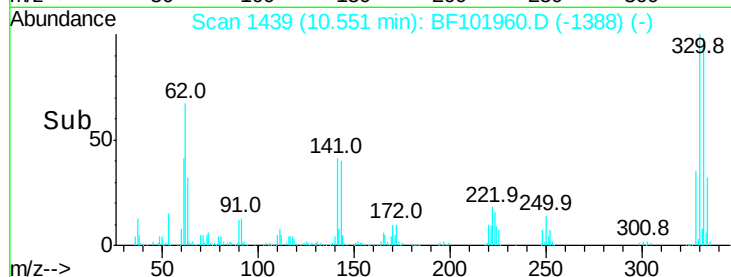
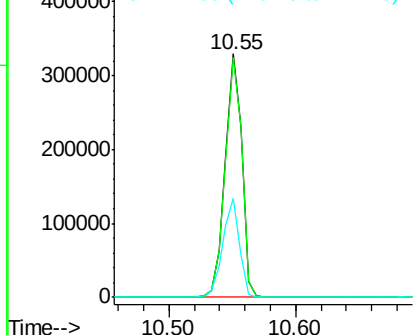
#41
 2,4,6-Tribromophenol
 Concen: 94.737 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	41.2	29.9	44.9

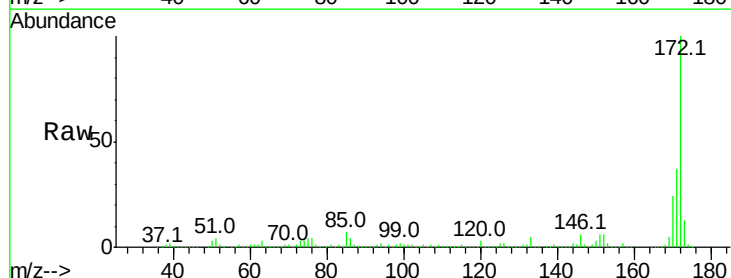


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

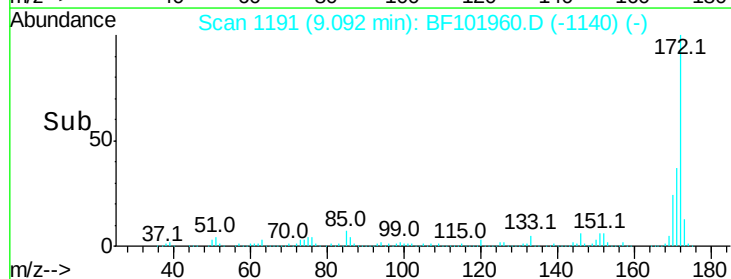
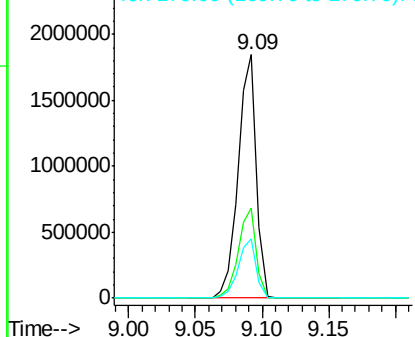


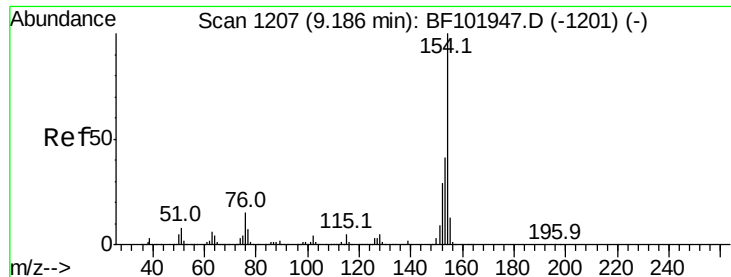
#44
 2-Fluorobiphenyl
 Concen: 75.062 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	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: 0.184 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

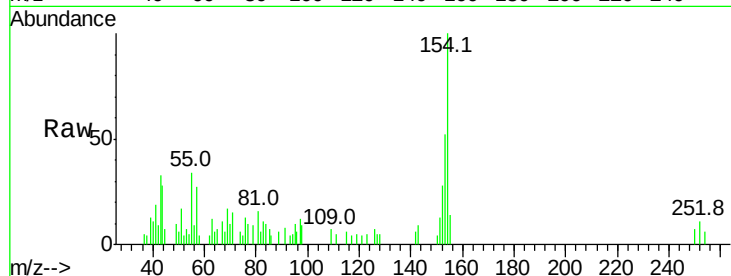
Tot Ion:154 Resp: 5929

Ion Ratio Lower Upper

154 100

153 51.8 21.3 61.3

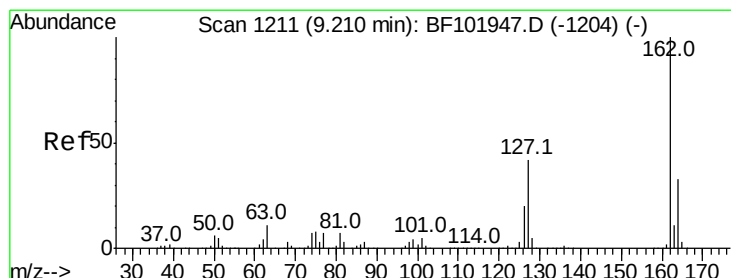
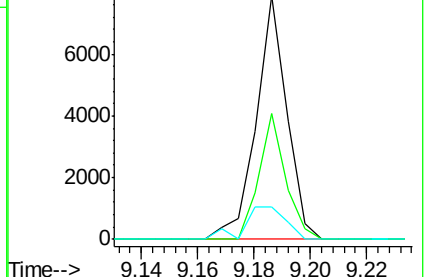
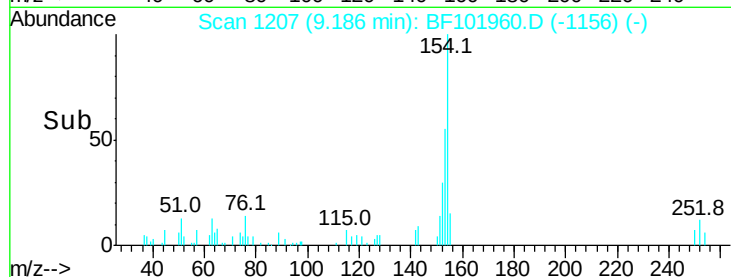
76 13.5 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 0.004 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.14 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

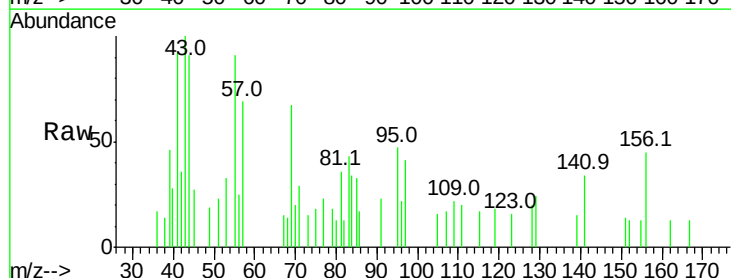
Tgt Ion:162 Resp: 107

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

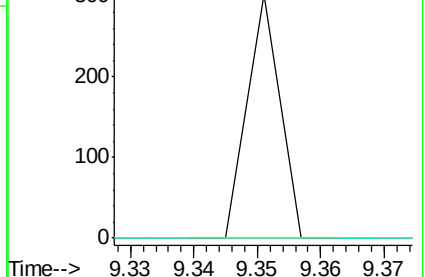
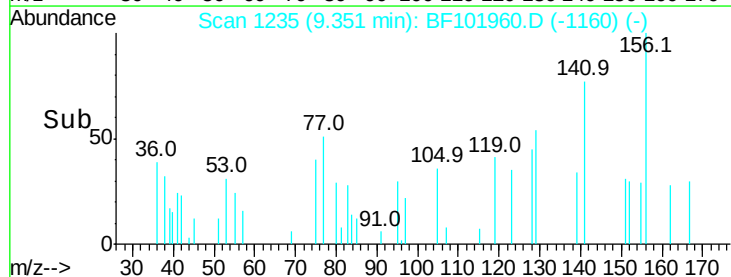
164 0.0 26.5 39.7#

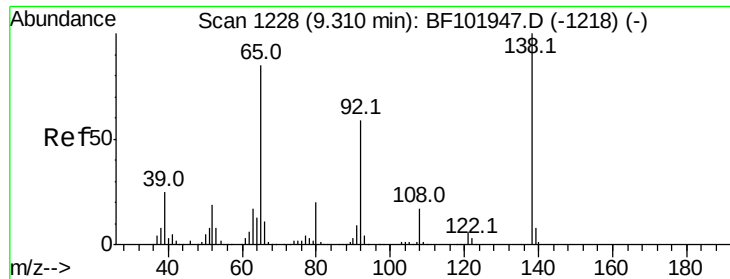


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.039 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampled :

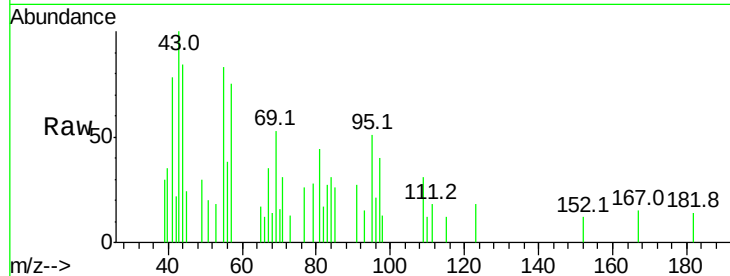
Tot Ion: 65 Resp: 292

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

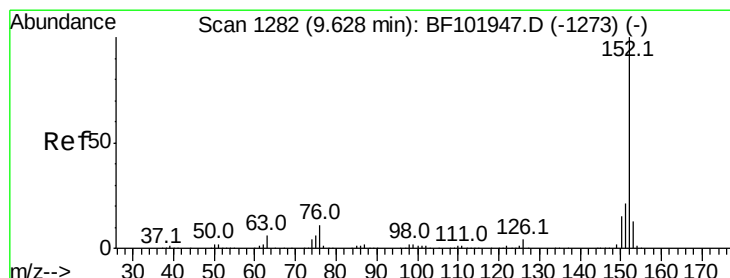
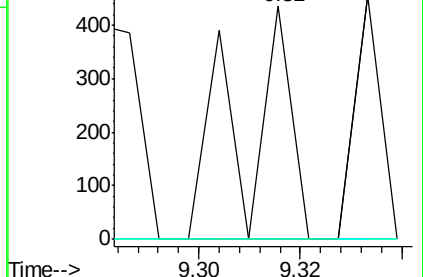
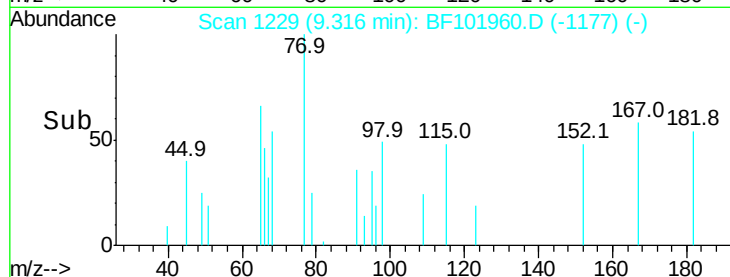
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 0.375 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

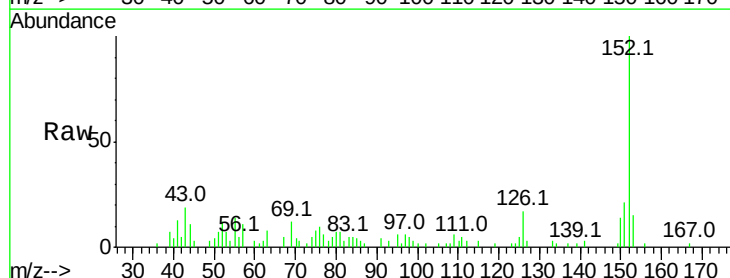
Tgt Ion: 152 Resp: 14850

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

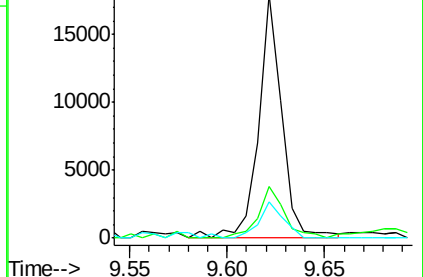
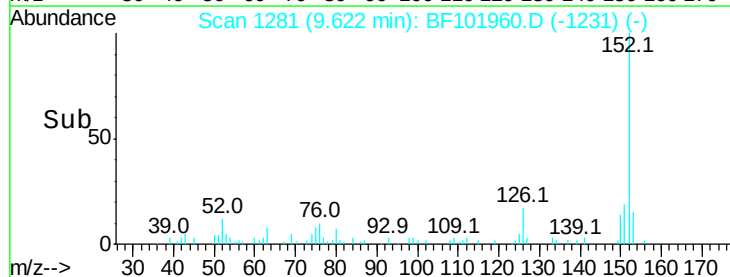
153 15.1 10.7 16.1

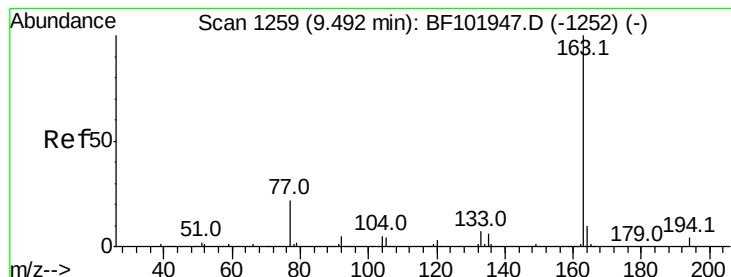


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 7.498 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

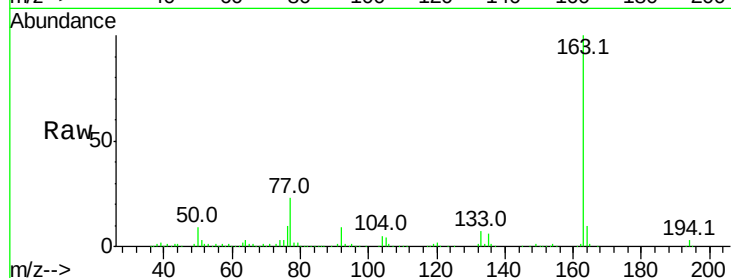
Tot Ion:163 Resp: 218890

Ion Ratio Lower Upper

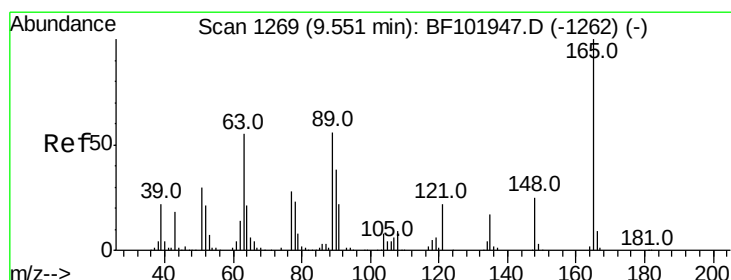
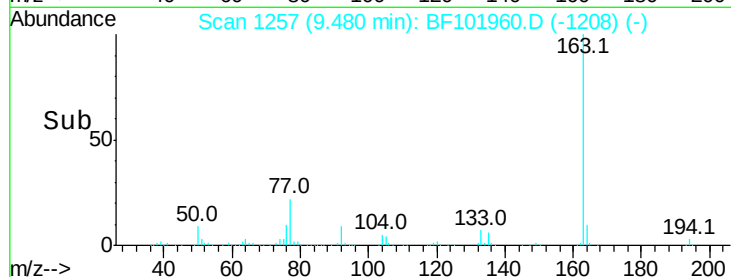
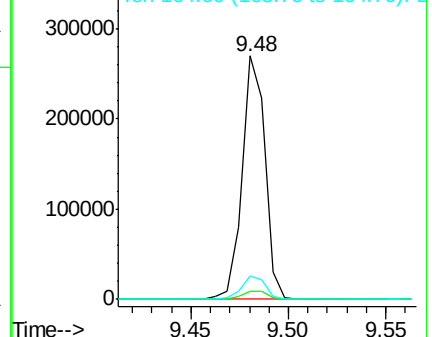
163 100

194 3.2 2.7 4.1

164 9.9 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: 0.476 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.07 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

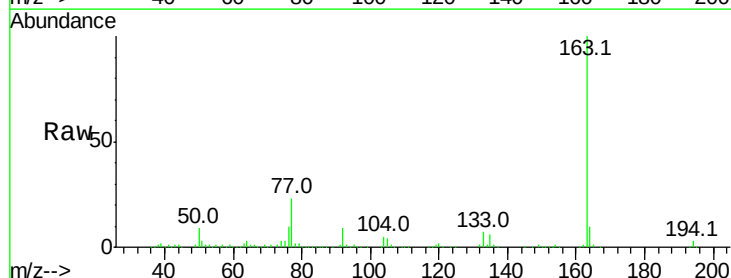
Tgt Ion:165 Resp: 2776

Ion Ratio Lower Upper

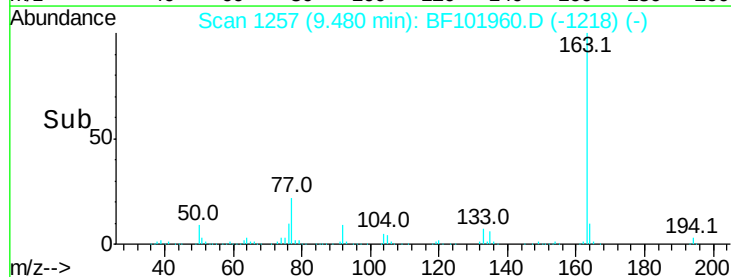
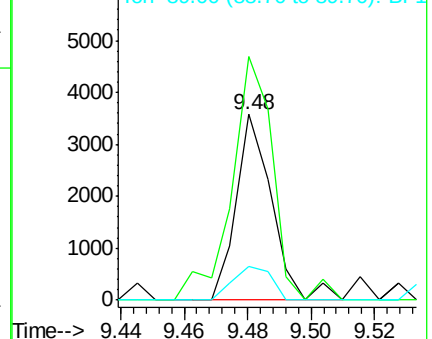
165 100

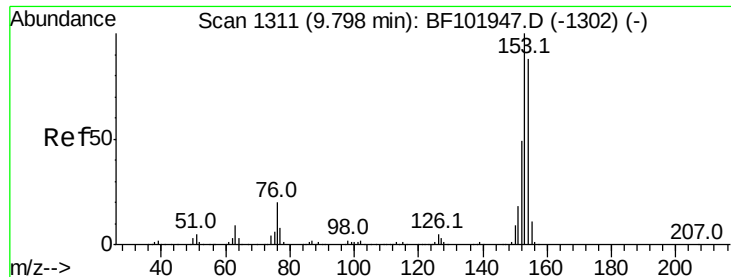
63 131.2 44.7 67.1#

89 18.3 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.245 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

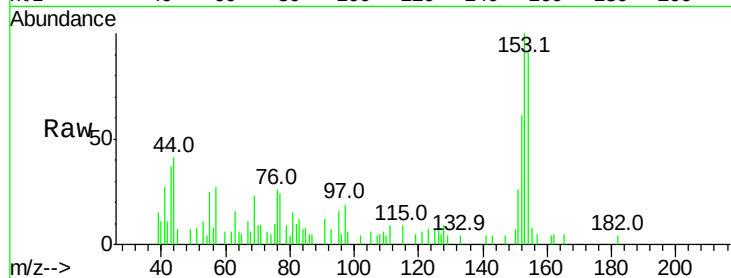
Tot Ion:154 Resp: 5875

Ion Ratio Lower Upper

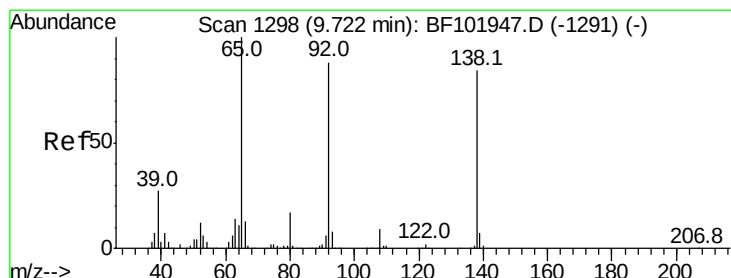
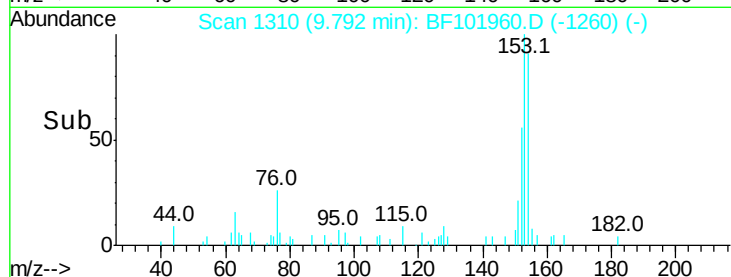
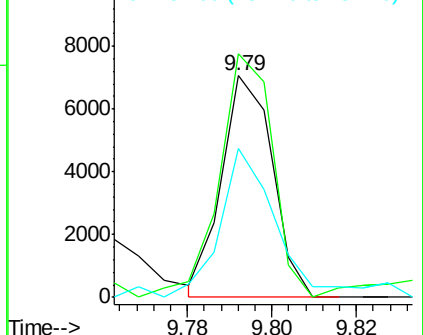
154 100

153 110.0 91.2 136.8

152 67.2 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



#52

3-Nitroaniline

Concen: 0.021 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

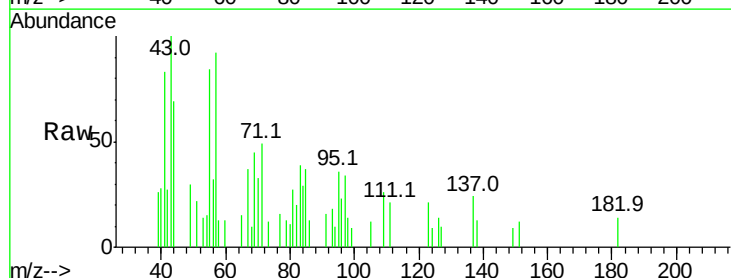
Tgt Ion:138 Resp: 153

Ion Ratio Lower Upper

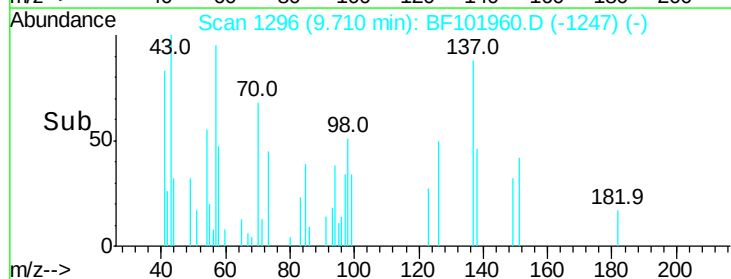
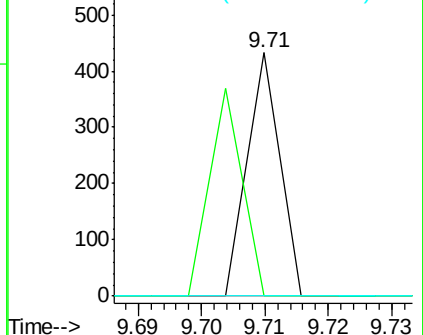
138 100

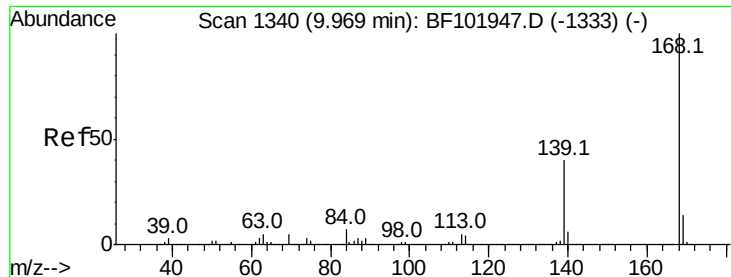
108 0.0 9.4 14.0#

92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

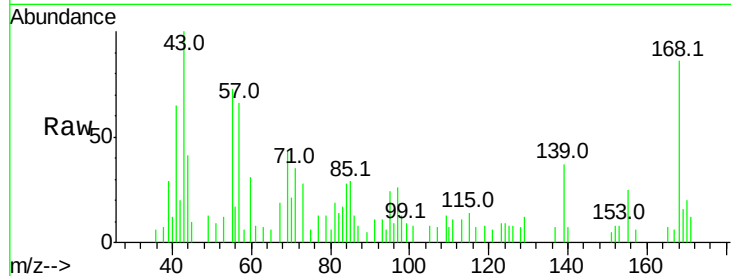




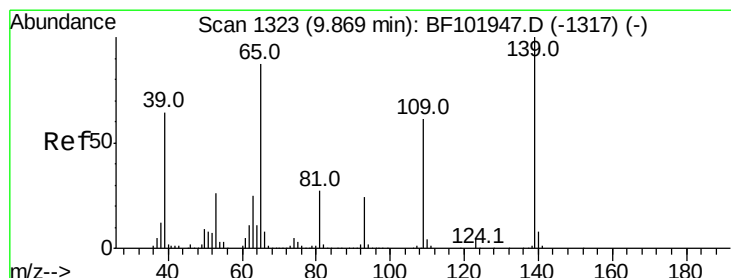
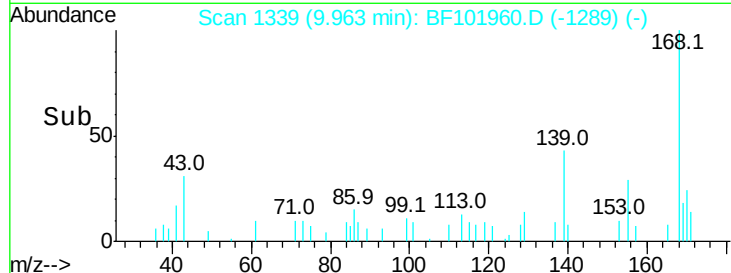
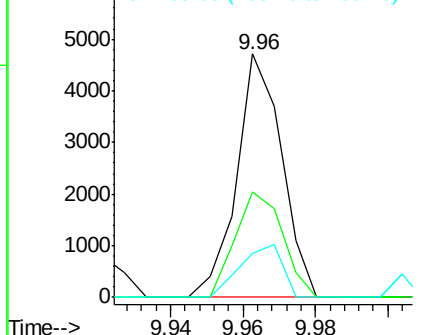
#54
Dibenzofuran
Concen: 0.123 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 4054
Ion Ratio Lower Upper
168 100
139 43.4 30.1 45.1
169 18.2 10.9 16.3#

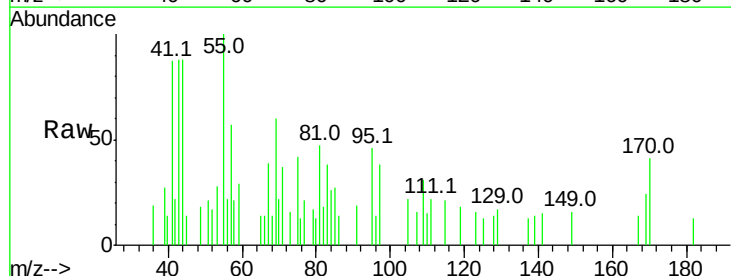


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

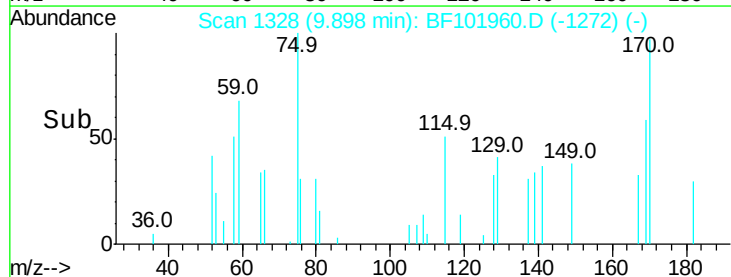
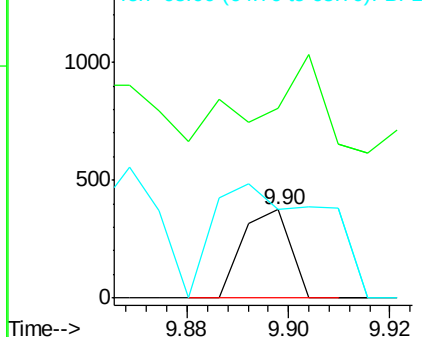


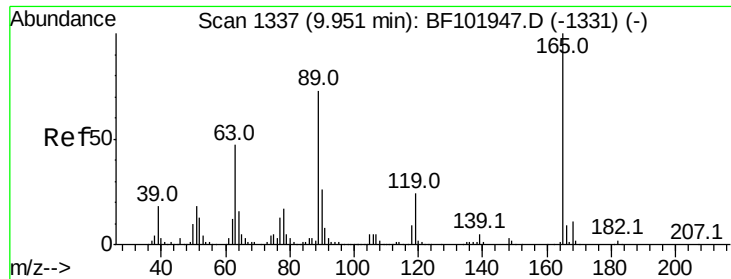
#55
4-Nitrophenol
Concen: 0.044 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.03 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:139 Resp: 244
Ion Ratio Lower Upper
139 100
109 215.8 48.4 88.4#
65 100.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

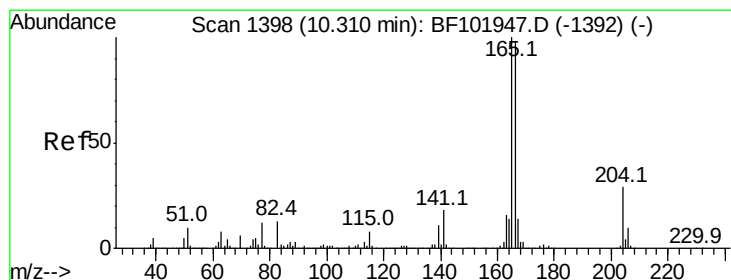
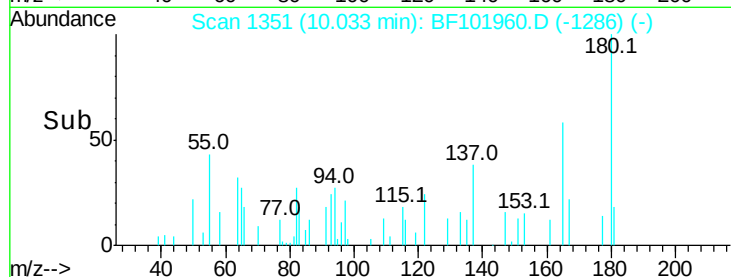
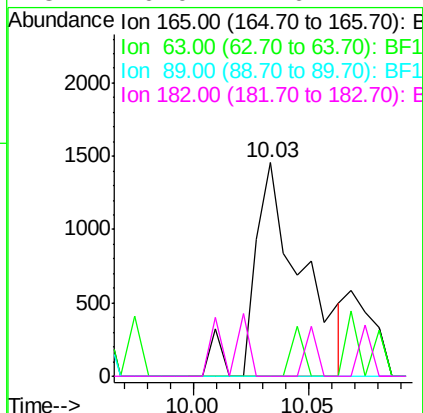
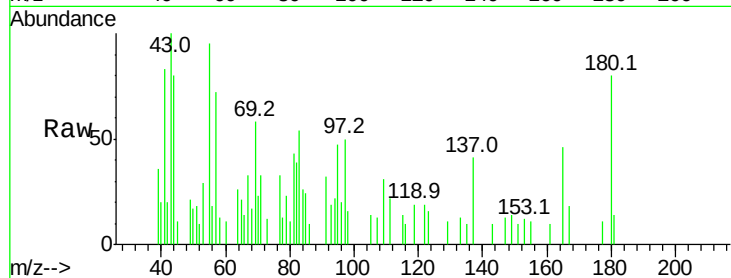




#56
2,4-Dinitrotoluene
Concen: 0.285 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

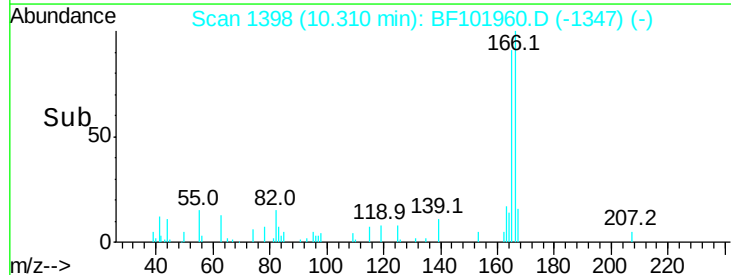
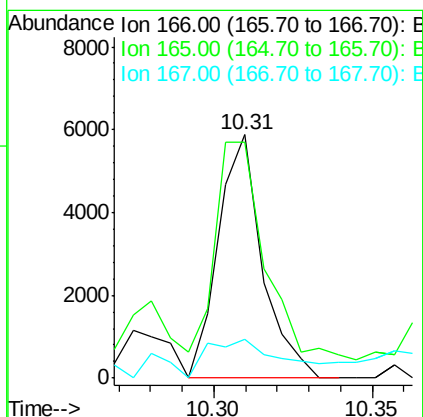
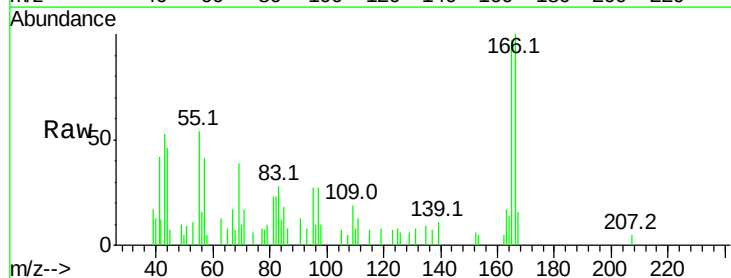
Instrument :
BNA_F
ClientSampleId :

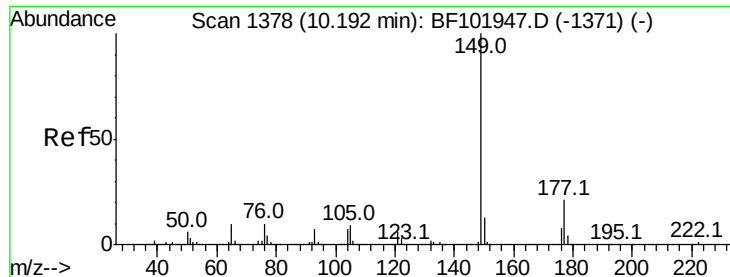
Tot Ion:165 Resp: 2083
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.247 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:166 Resp: 5621
Ion Ratio Lower Upper
166 100
165 96.9 79.8 119.8
167 16.1 10.6 16.0#

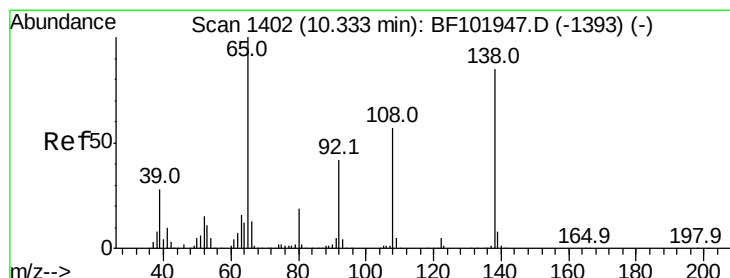
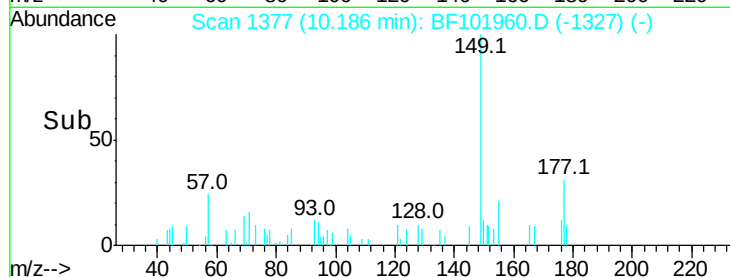
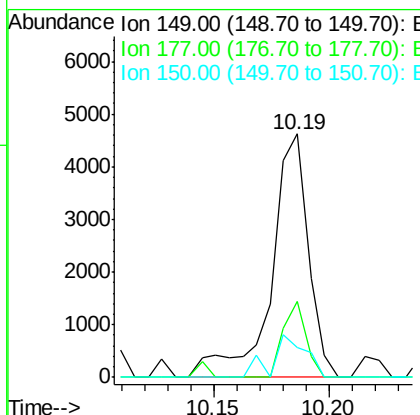
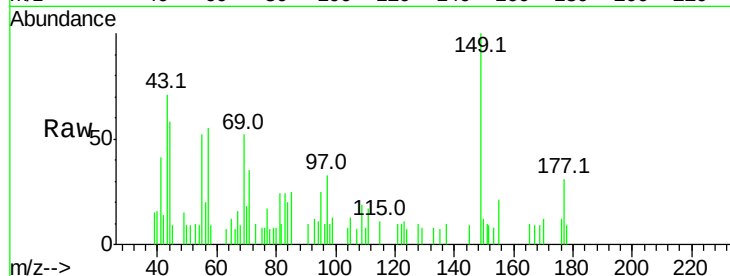




#59
Diethylphthalate
Concen: 0.178 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

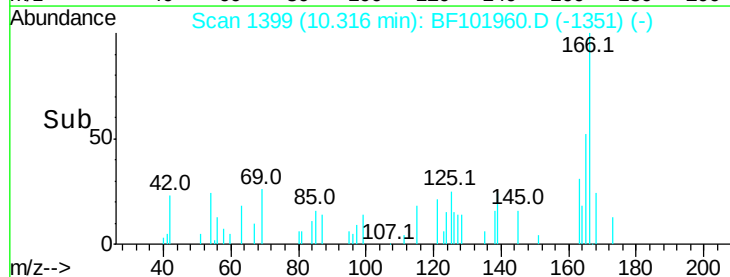
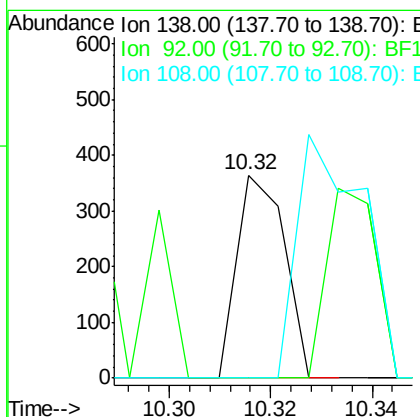
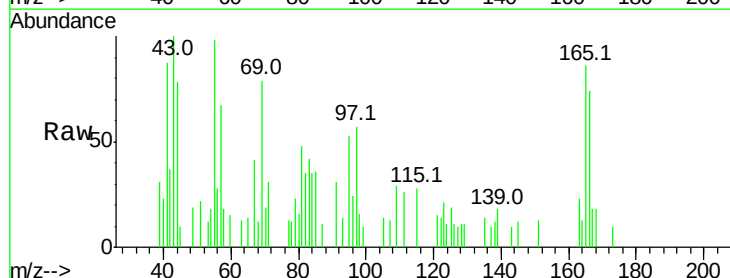
Instrument :
BNA_F
ClientSampleId :

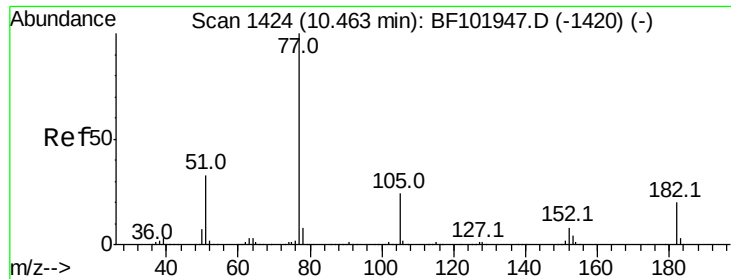
Tot Ion:149 Resp: 5155
Ion Ratio Lower Upper
149 100
177 31.0 16.1 24.1#
150 12.0 10.1 15.1



#61
4-Nitroaniline
Concen: 0.034 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:138 Resp: 238
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

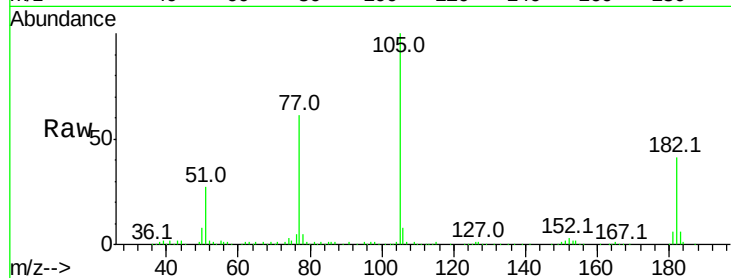




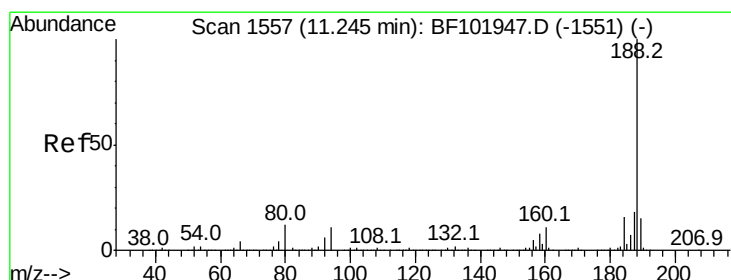
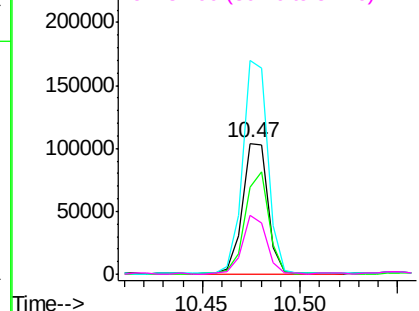
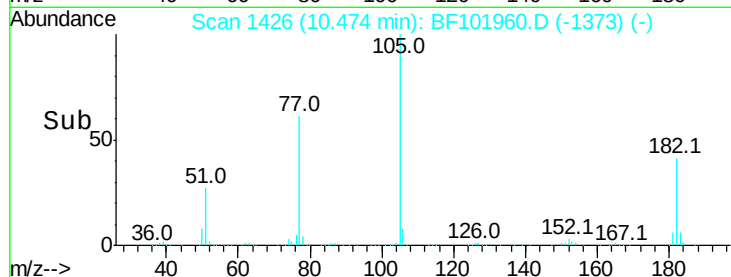
#62
Azobenzene
Concen: 3.240 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 93597
Ion Ratio Lower Upper
77 100
182 66.4 1.7 41.7#
105 163.4 3.0 43.0#
51 44.7 9.9 49.9

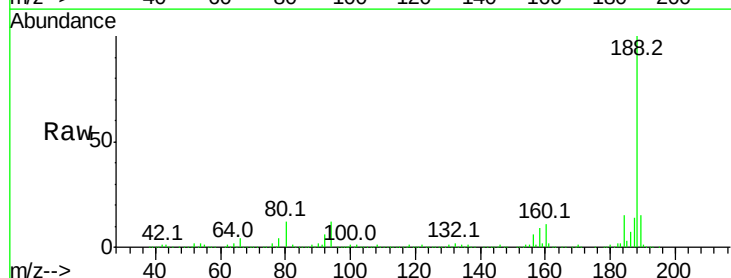


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

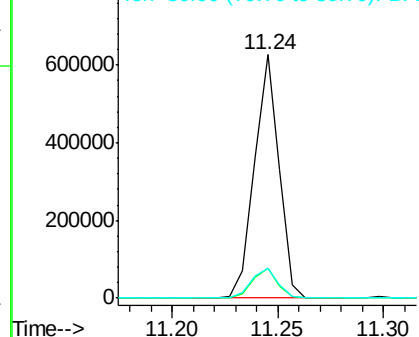
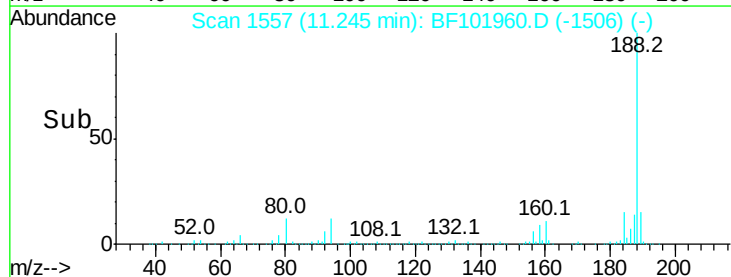


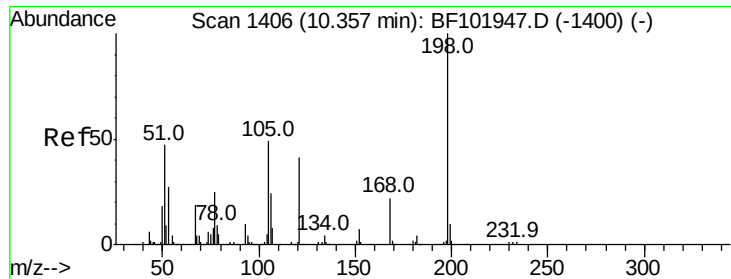
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion: 188 Resp: 506496
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.858 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

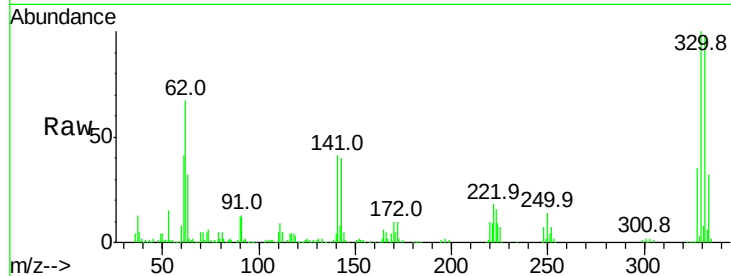
Tot Ion:198 Resp: 612

Ion Ratio Lower Upper

198 100

51 259.9 37.7 77.7#

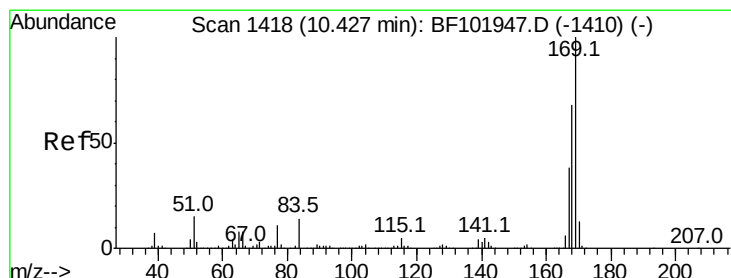
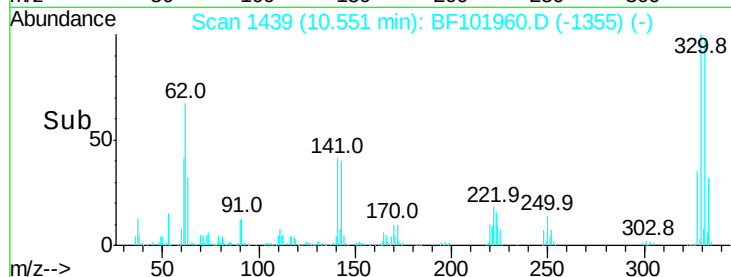
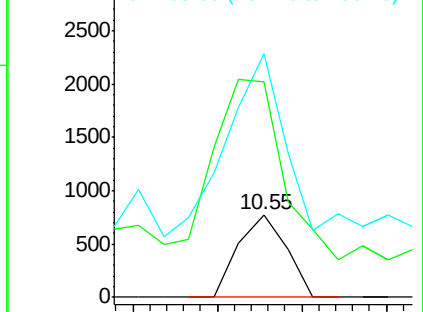
105 294.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.090 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

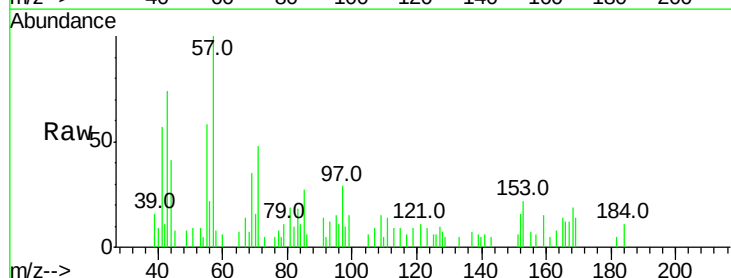
Tgt Ion:169 Resp: 1715

Ion Ratio Lower Upper

169 100

168 129.6 54.4 81.6#

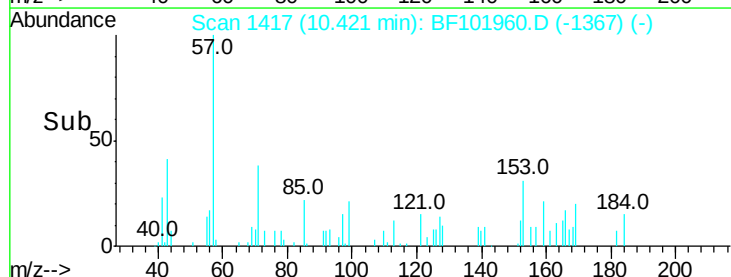
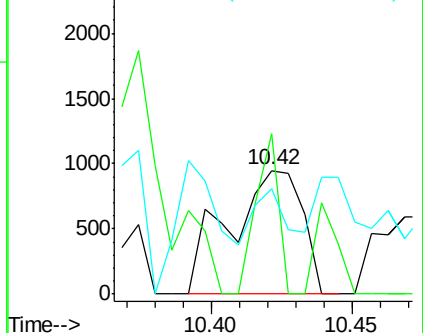
167 85.2 29.8 44.6#

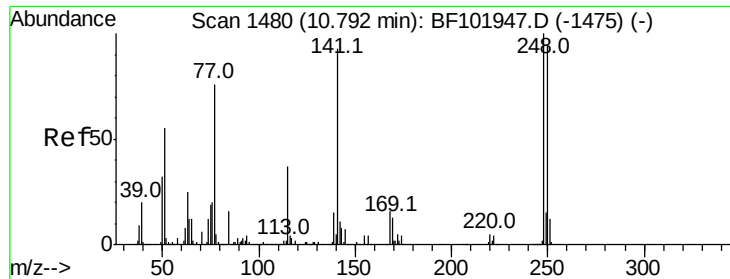


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

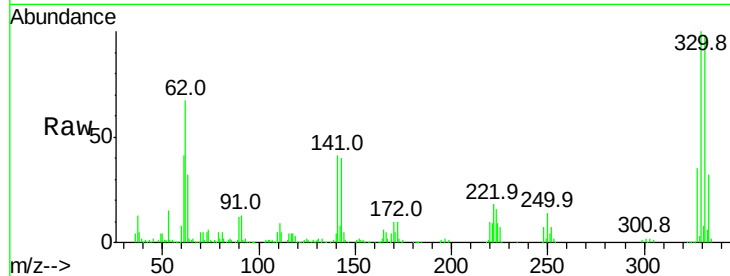




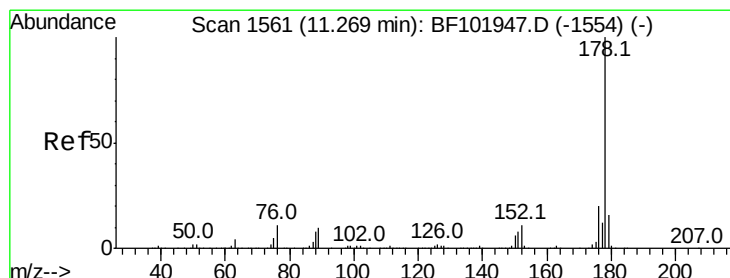
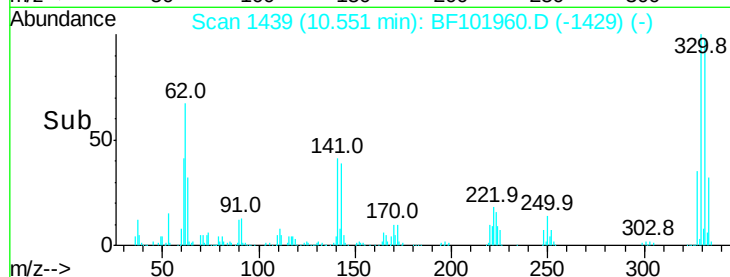
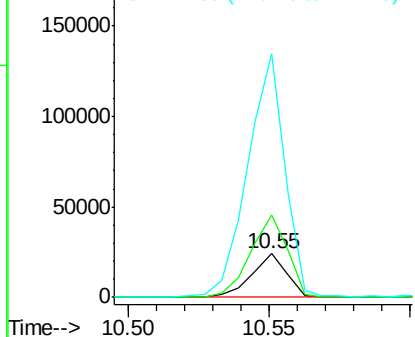
#66
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20825
Ion Ratio Lower Upper
248 100
250 188.1 76.9 115.3#
141 559.0 74.4 111.6#

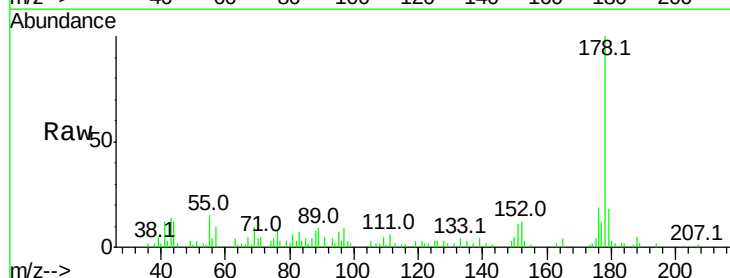


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

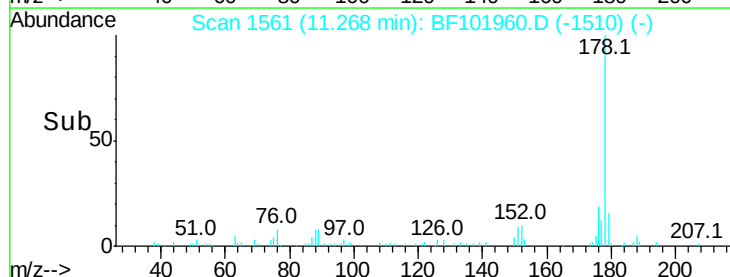
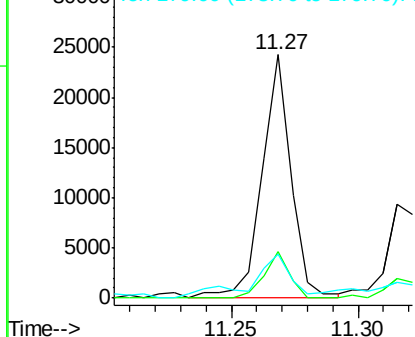


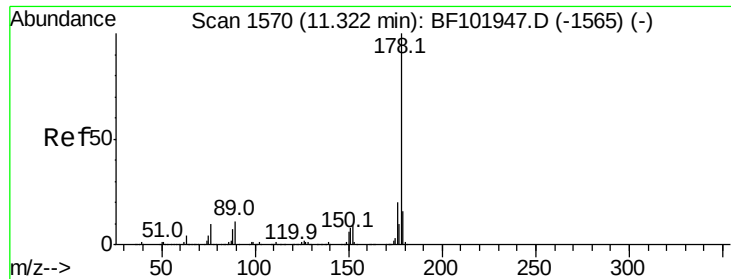
#70
Phenanthrene
Concen: 0.662 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:178 Resp: 19586
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 18.0 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

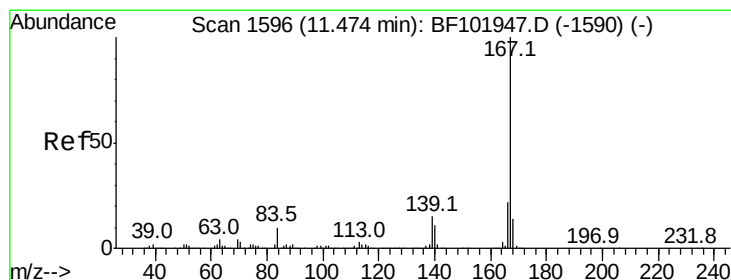
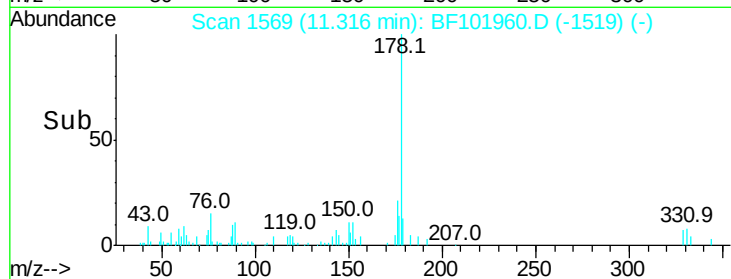
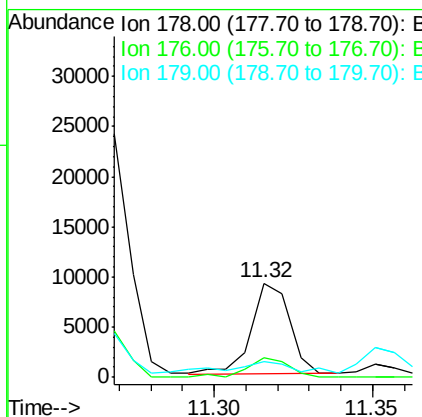
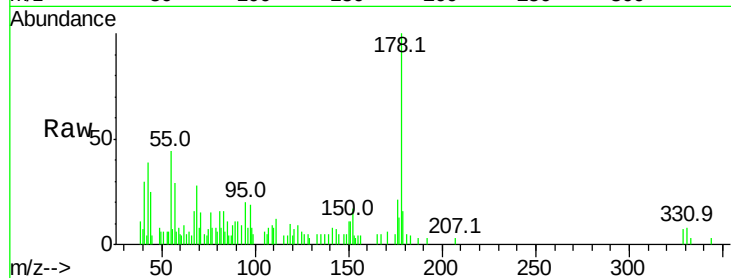




#71
 Anthracene
 Concen: 0.259 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

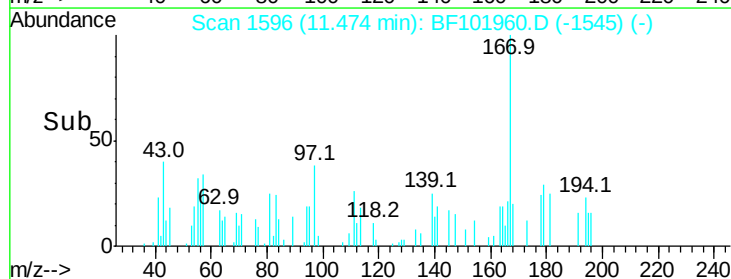
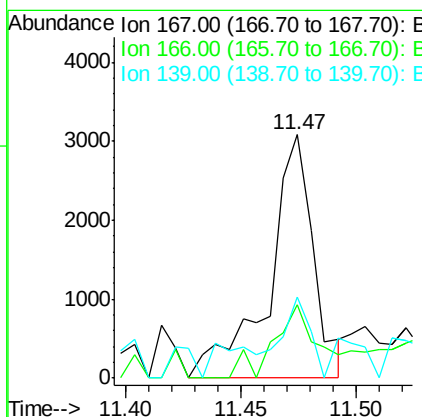
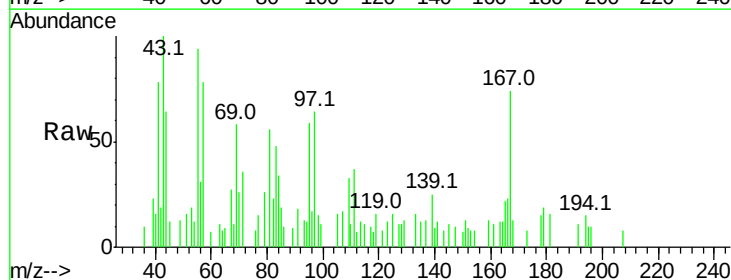
Instrument :
 BNA_F
 ClientSampleId :

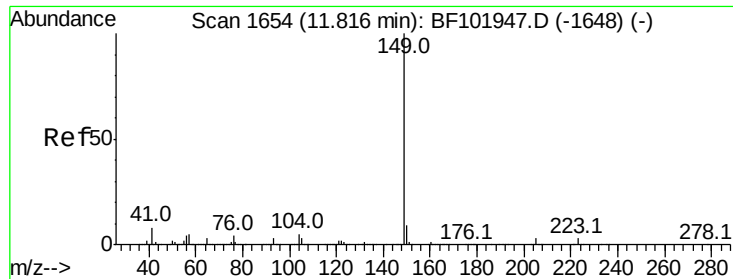
Tot Ion:178 Resp: 7769
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 0.141 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion:167 Resp: 4158
 Ion Ratio Lower Upper
 167 100
 166 30.3 17.6 26.4#
 139 33.3 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.128 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

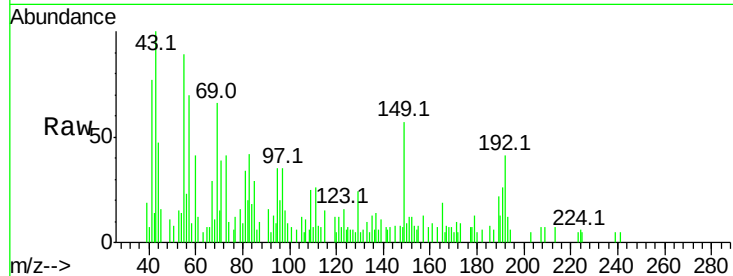
Tot Ion:149 Resp: 4646

Ion Ratio Lower Upper

149 100

150 15.0 7.8 11.6#

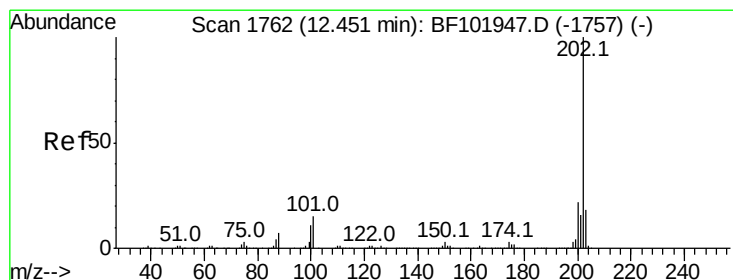
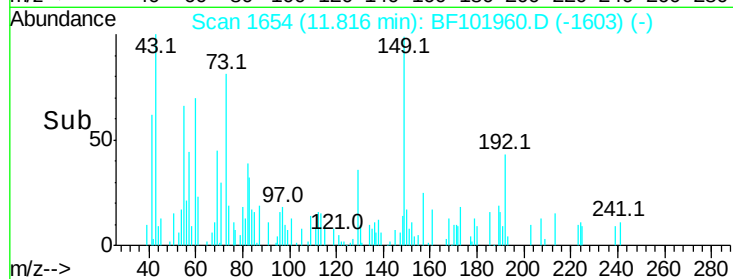
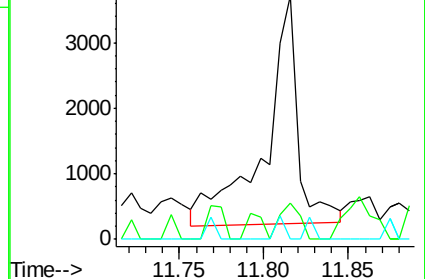
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.259 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

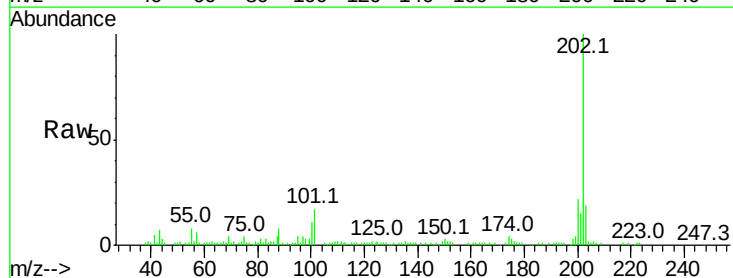
Tgt Ion:202 Resp: 65771

Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.1

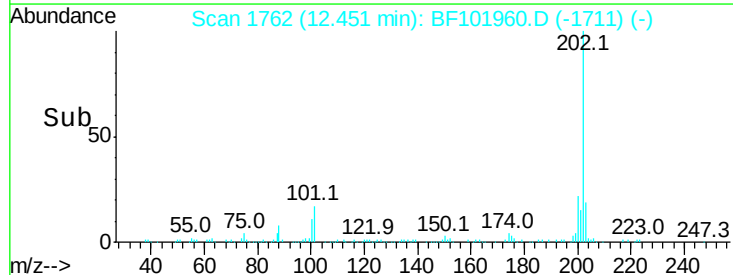
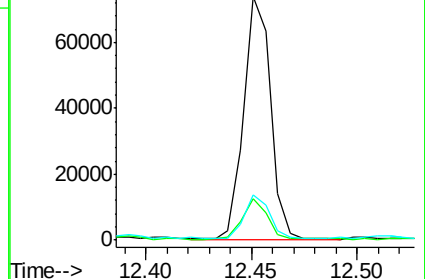
203 18.8 0.0 38.1

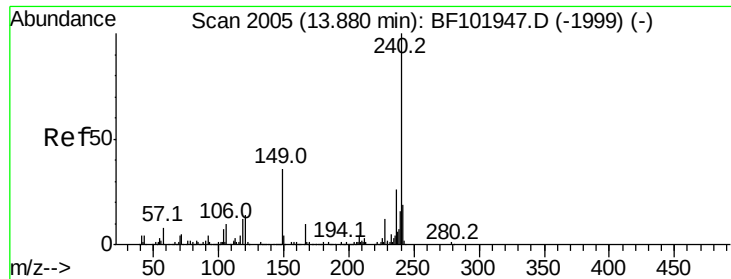


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

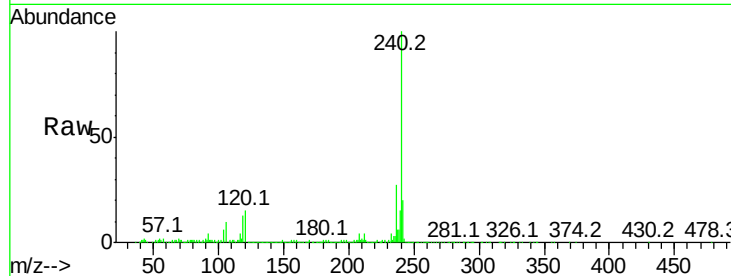
Tot Ion:240 Resp: 400196

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

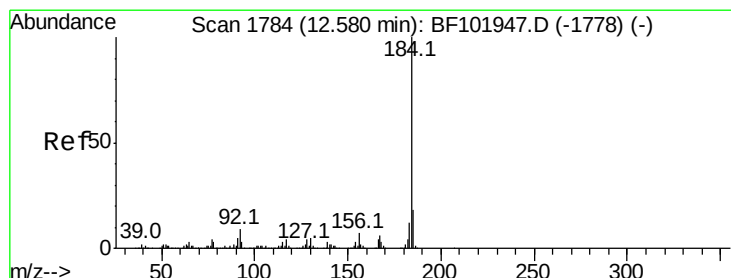
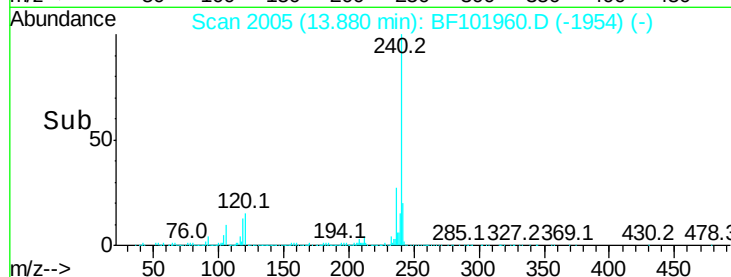
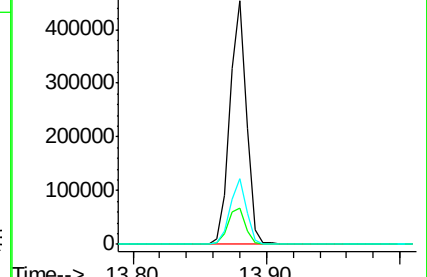
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.025 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.19 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

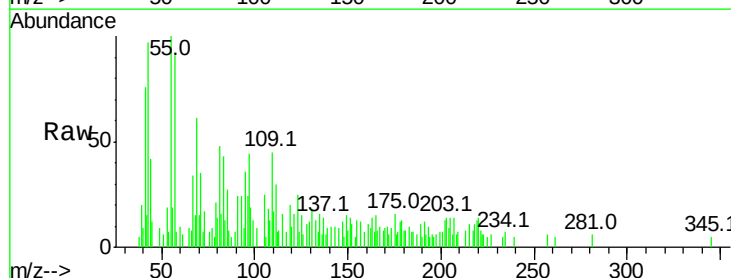
Tgt Ion:184 Resp: 475

Ion Ratio Lower Upper

184 100

185 112.4 12.6 18.8#

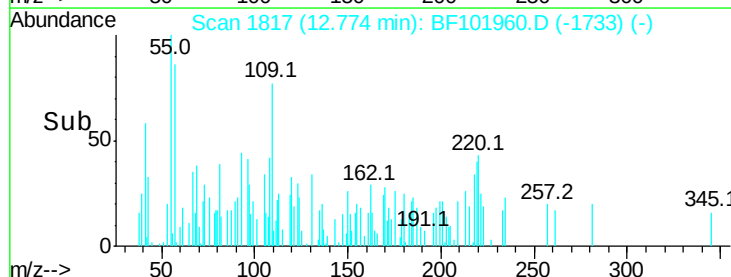
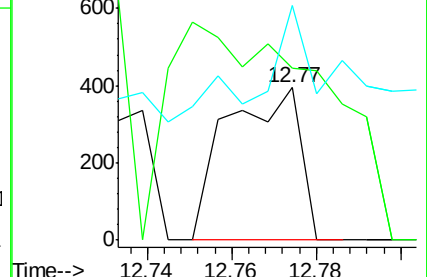
183 153.9 9.3 13.9#

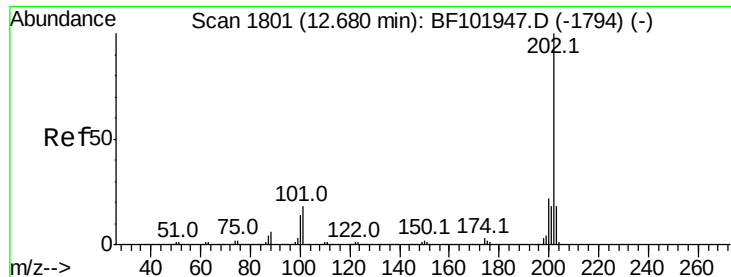


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1.694 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

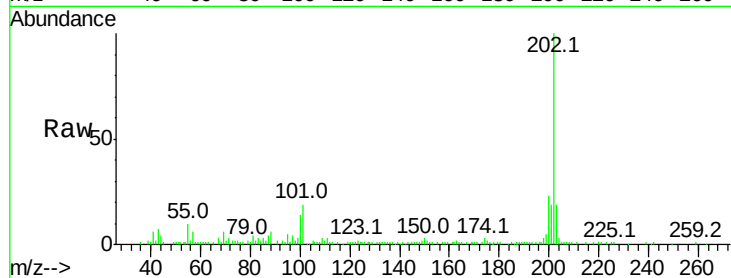
Tot Ion:202 Resp: 59929

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	19.0	14.3	21.5

202 100

200 22.7 17.4 26.2

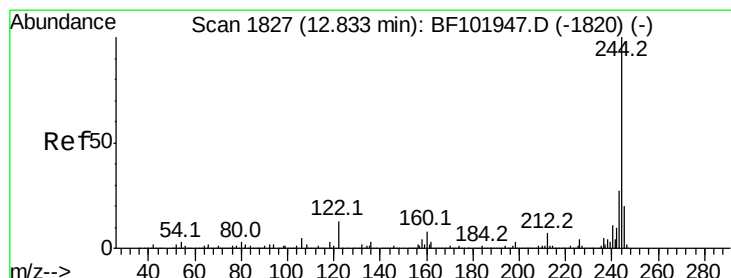
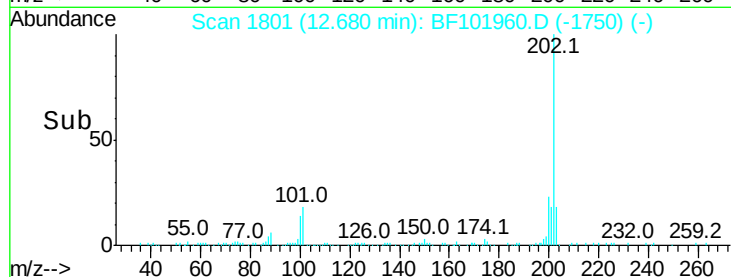
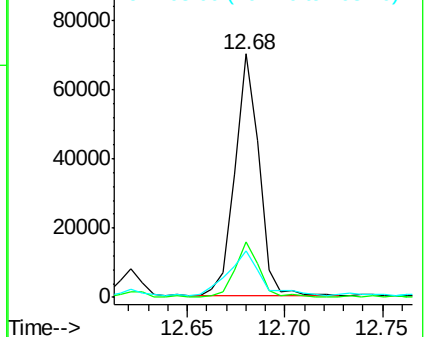
203 19.0 14.3 21.5



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: 59.448 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

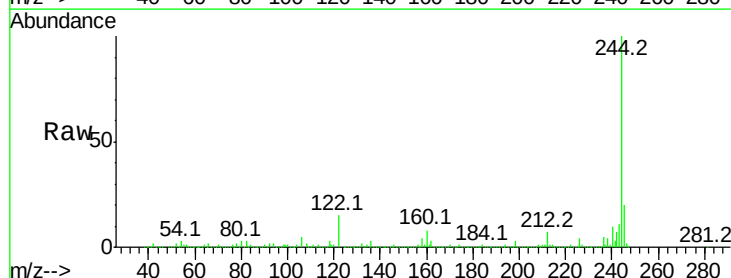
Tgt Ion:244 Resp: 1145859

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.5	11.0	16.4

244 100

212 6.6 5.4 8.0

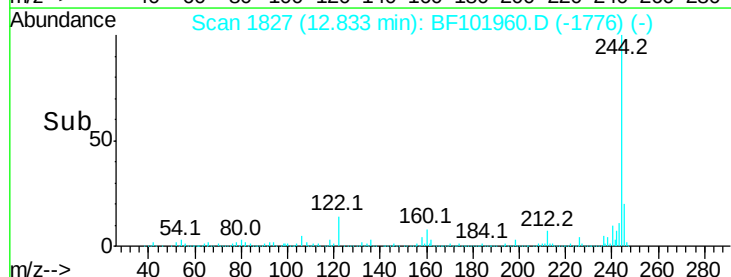
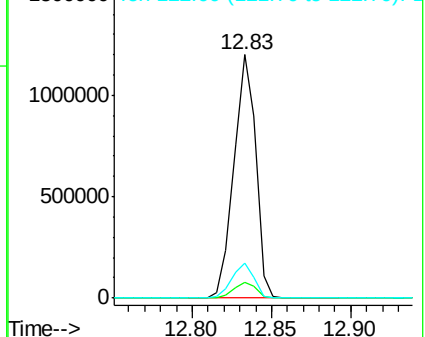
122 14.5 11.0 16.4

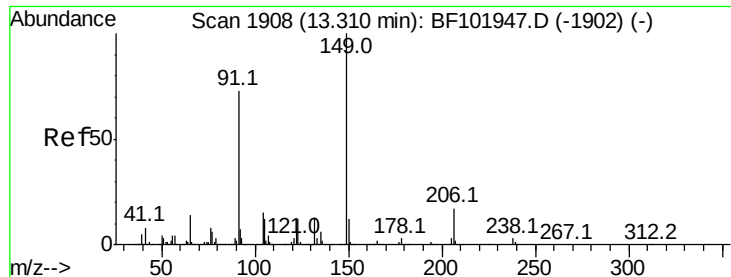


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

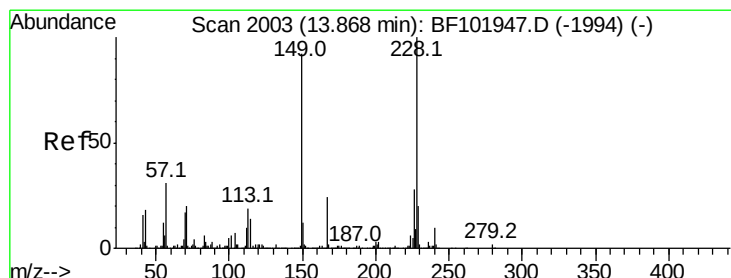
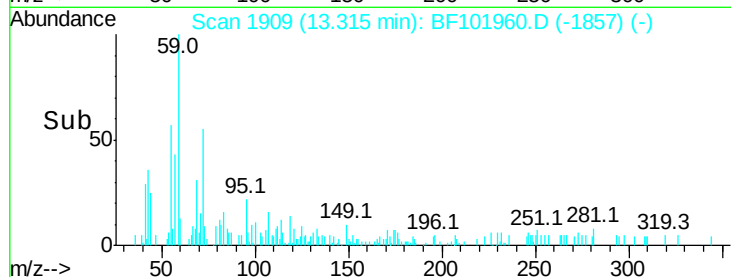
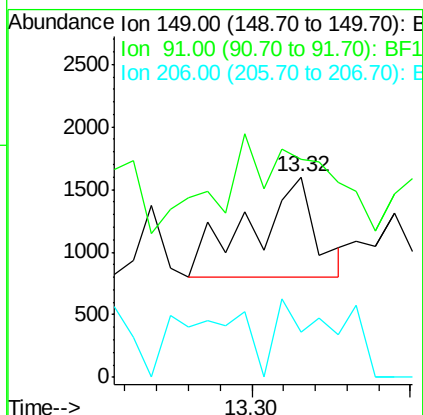
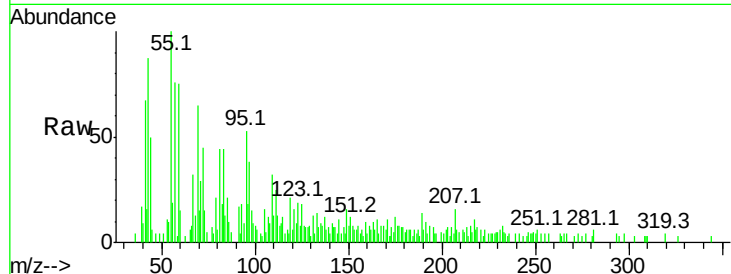




#79
Butylbenzylphthalate
Concen: 0.069 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

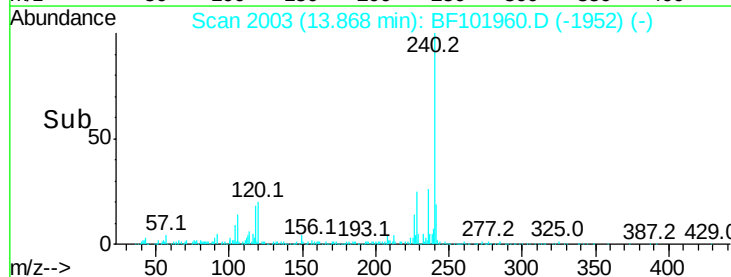
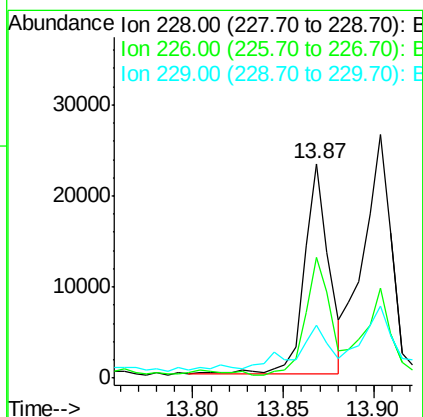
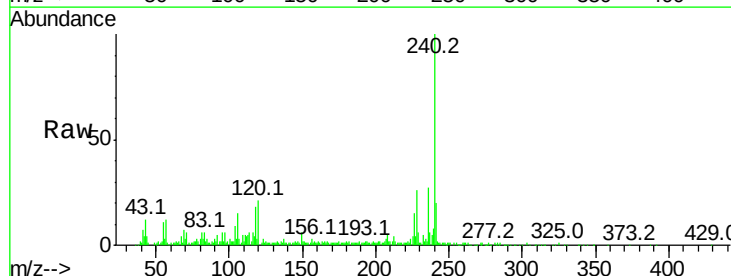
Instrument :
BNA_F
ClientSampled :

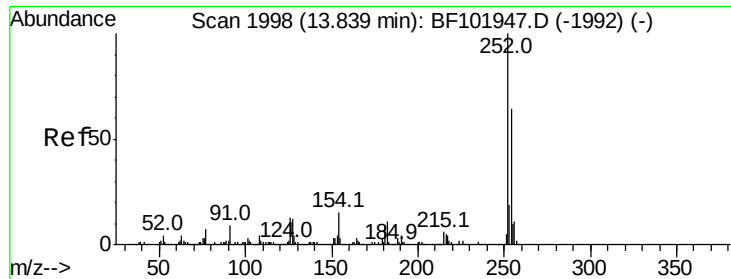
Tot Ion:149 Resp: 1121
Ion Ratio Lower Upper
149 100
91 108.6 56.8 85.2#
206 22.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.864 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:228 Resp: 22060
Ion Ratio Lower Upper
228 100
226 56.3 22.6 33.8#
229 24.7 15.8 23.6#

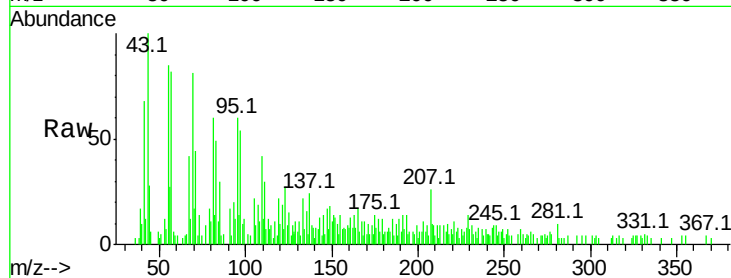




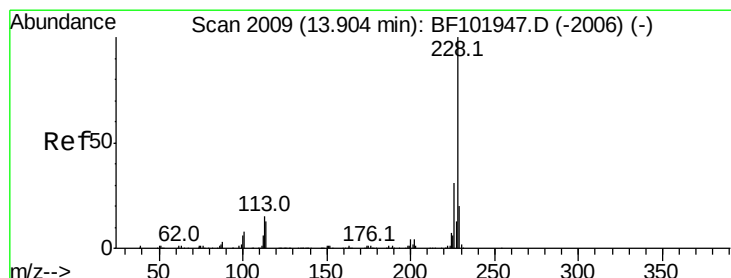
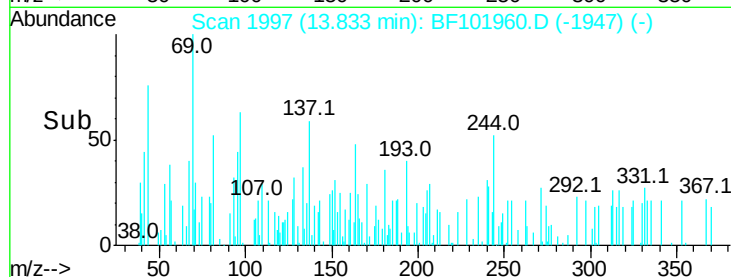
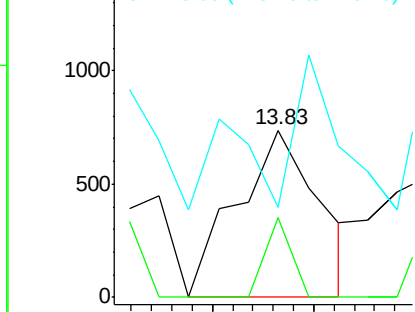
#81
 3,3'-Dichlorobenzidine
 Concen: 0.088 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 833
 Ion Ratio Lower Upper
 252 100
 254 47.8 50.4 75.6#
 126 53.6 11.3 16.9#

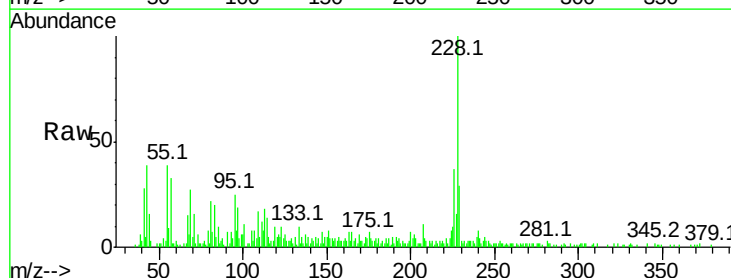


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

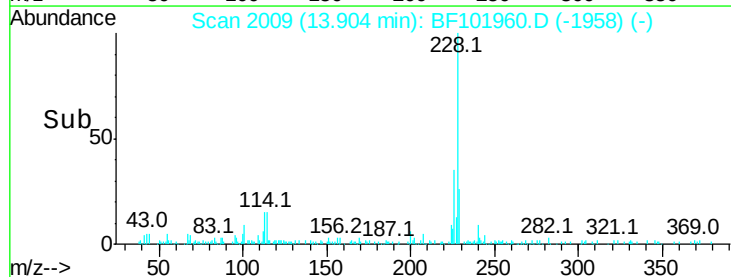
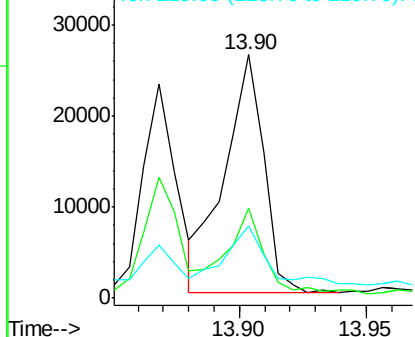


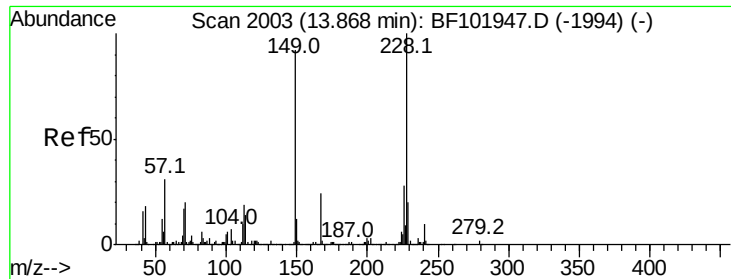
#82
 Chrysene
 Concen: 1.062 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion:228 Resp: 28267
 Ion Ratio Lower Upper
 228 100
 226 37.0 25.0 37.6
 229 29.5 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

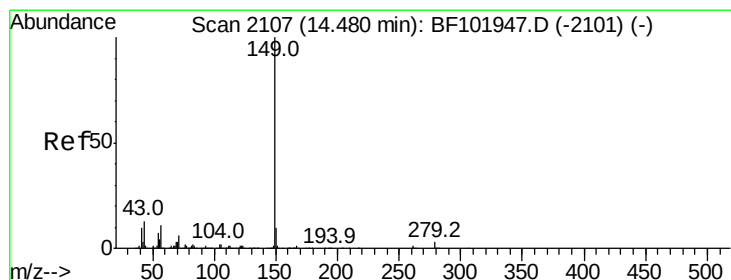
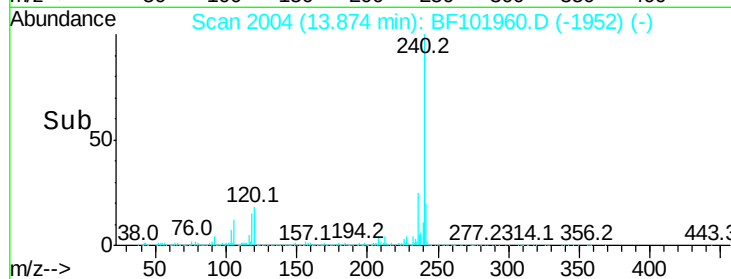
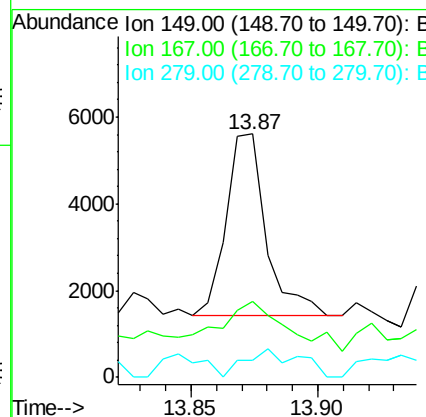
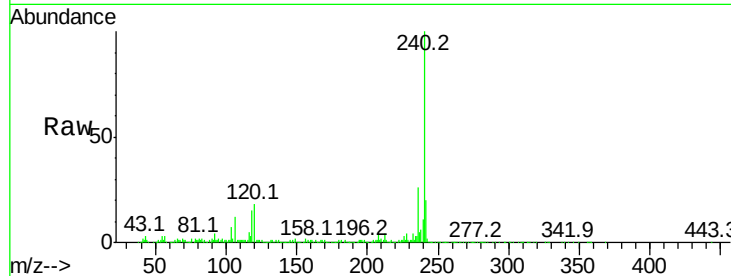




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.247 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

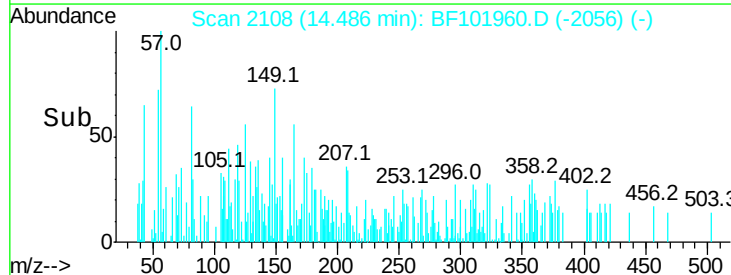
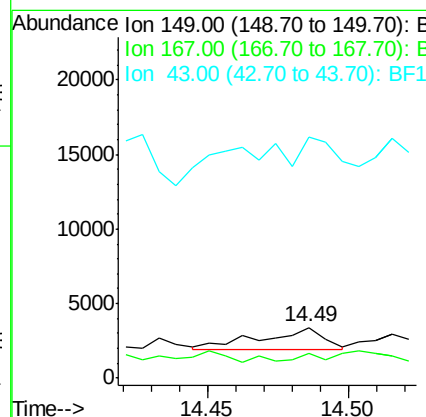
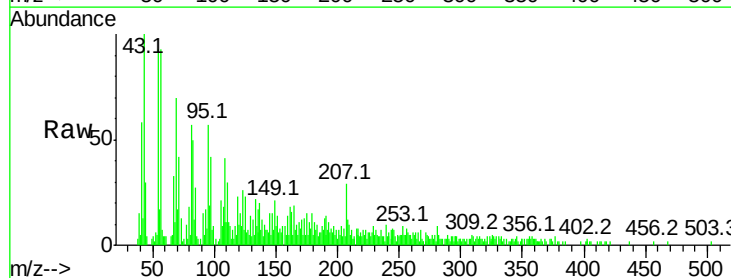
Instrument :
 BNA_F
 ClientSampleId :

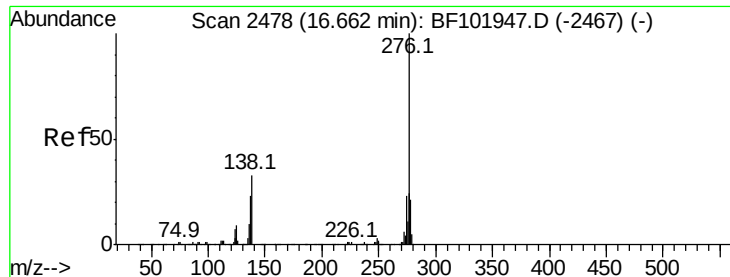
Tot Ion:149 Resp: 4607
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.3 31.9
 279 7.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.073 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

Tgt Ion:149 Resp: 2248
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 62.6 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.520 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

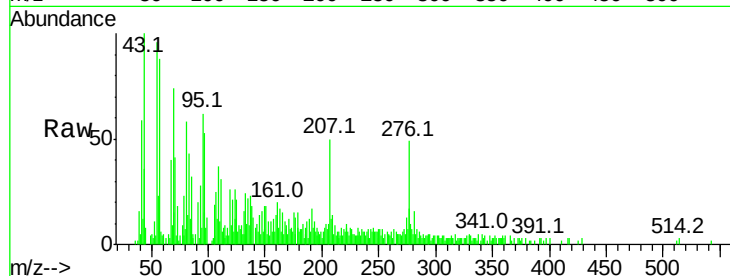
Tot Ion:276 Resp: 10072

Ion Ratio Lower Upper

276 100

138 43.7 25.0 37.6#

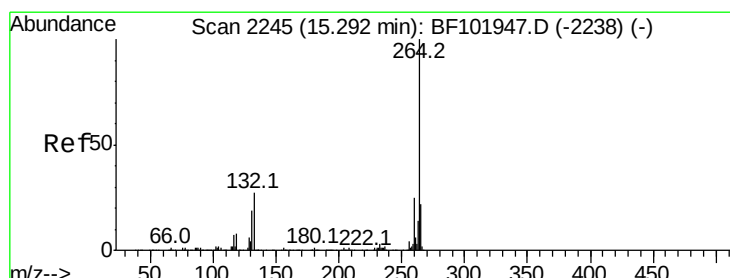
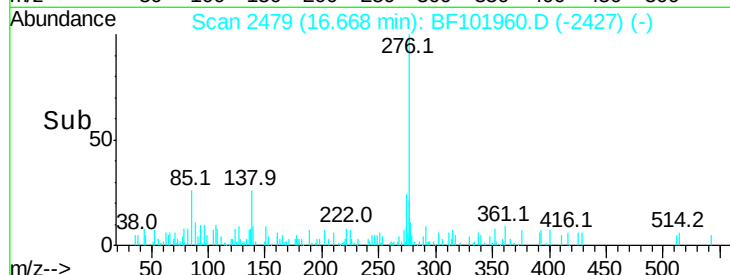
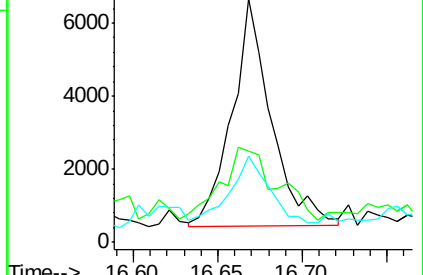
277 29.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

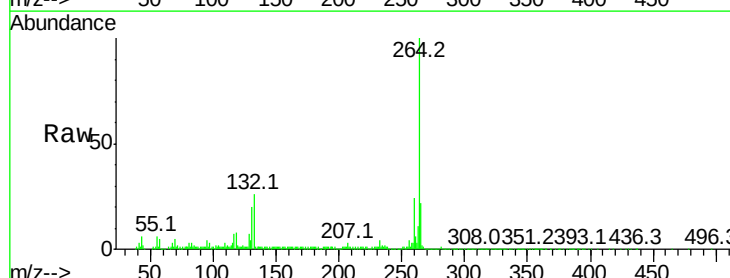
Tgt Ion:264 Resp: 292229

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

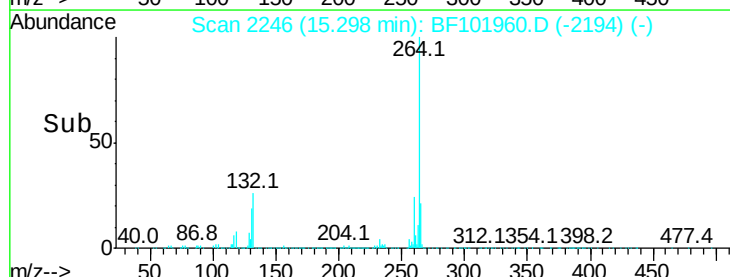
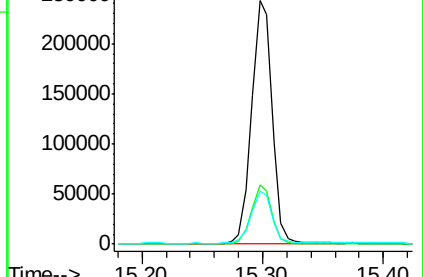
265 21.7 17.5 26.3

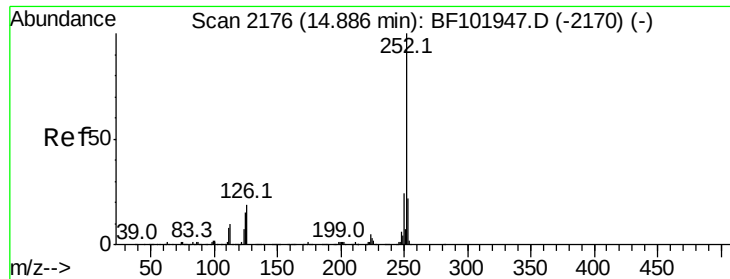


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

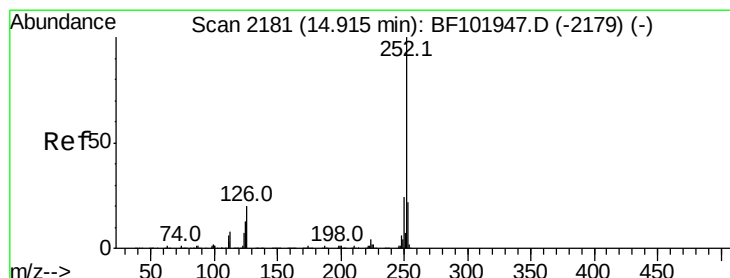
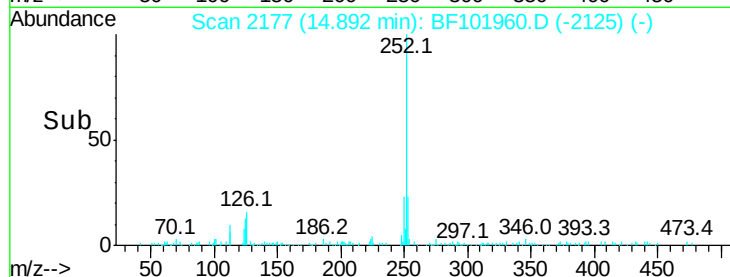
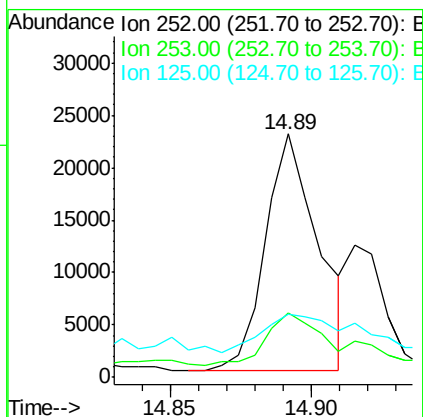
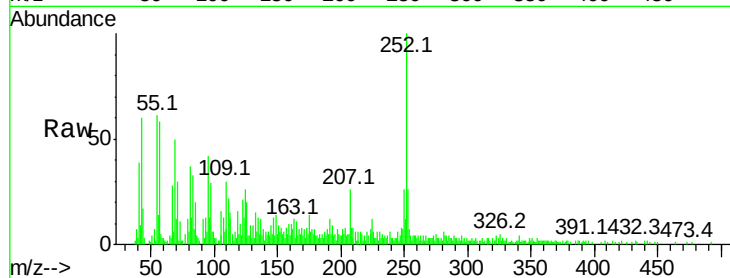




#87
Benzo(b)fluoranthene
Concen: 1.541 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

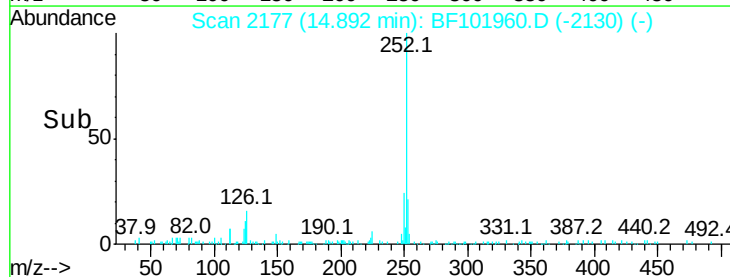
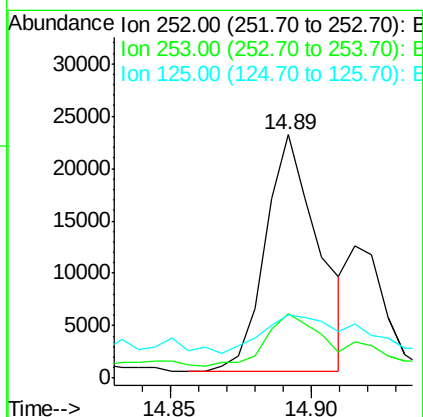
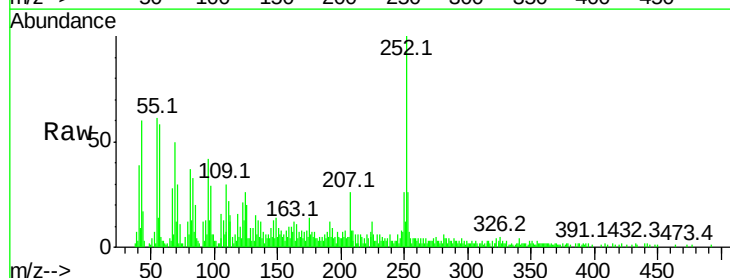
Instrument :
BNA_F
ClientSampleId :

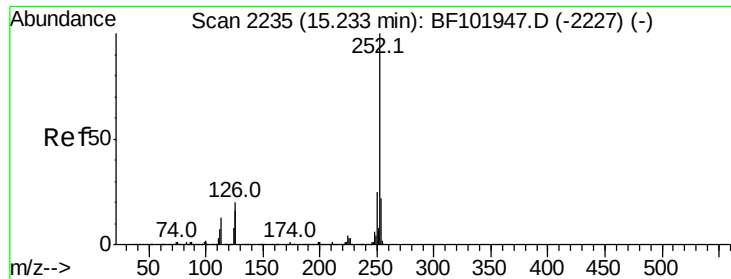
Tot Ion:252 Resp: 29368
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.6#
125 25.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 1.598 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:252 Resp: 29368
Ion Ratio Lower Upper
252 100
253 26.5 17.9 26.9
125 25.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 1.091 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

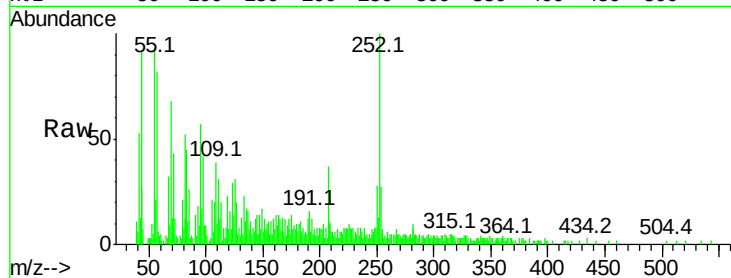
Tot Ion:252 Resp: 18702

Ion Ratio Lower Upper

252 100

253 27.1 17.1 25.7#

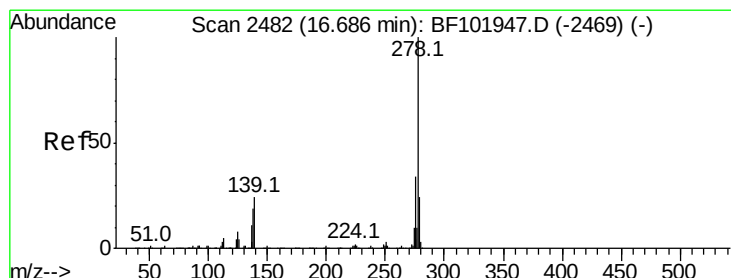
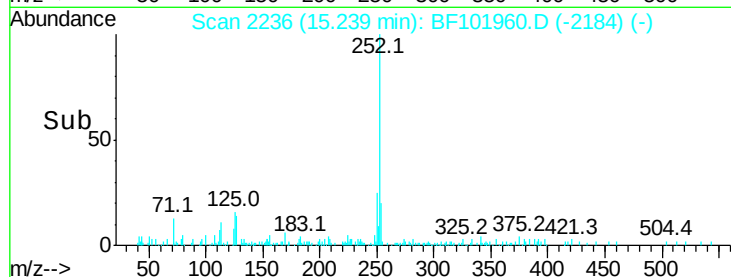
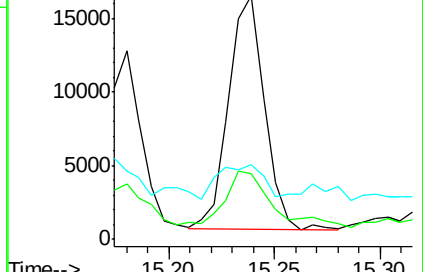
125 30.9 9.8 14.6#



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: 0.349 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

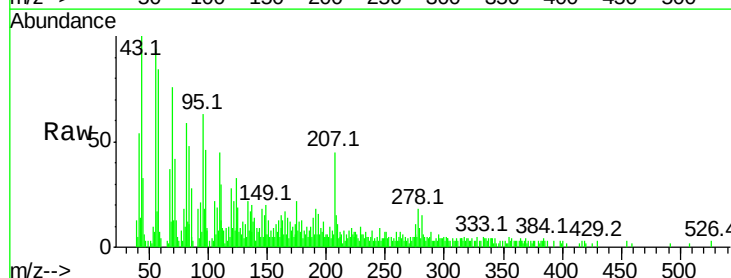
Tgt Ion:278 Resp: 4774

Ion Ratio Lower Upper

278 100

139 76.2 15.9 23.9#

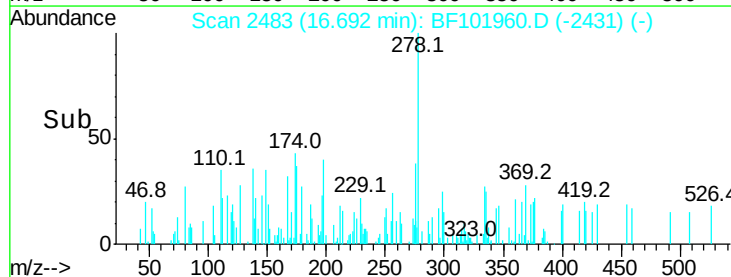
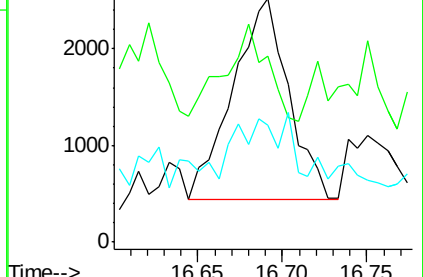
279 47.9 19.0 28.4#

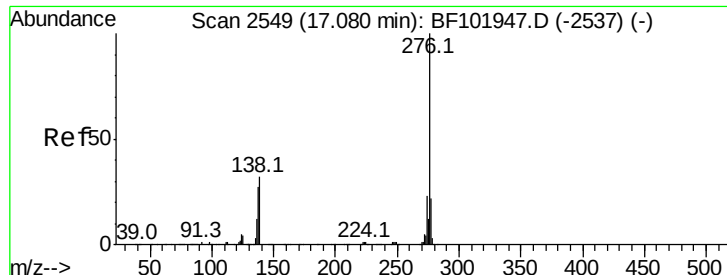


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.661 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

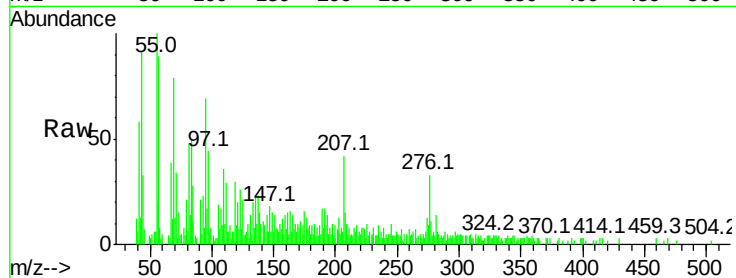
Tot Ion:276 Resp: 9105

Ion Ratio Lower Upper

276 100

277 33.3 17.9 26.9#

138 45.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

