

Data File : BF096947.D
Acq On : 21 Jul 2017 16:40
Operator : SJ/JU
Sample : PB100830BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100830BS

Quant Time: Jul 21 23:11:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	108685	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	469598	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	198285	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	329344	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	174208	20.00	ng	-0.05
86) Perylene-d12	15.04	264	207505	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	915346	126.63	ng	-0.03
7) Phenol-d6	6.22	99	1114118	128.44	ng	-0.04
23) Nitrobenzene-d5	7.13	82	678852	89.54	ng	-0.04
41) 2,4,6-Tribromophenol	10.38	330	213431	126.10	ng	-0.04
44) 2-Fluorobiphenyl	8.92	172	1172525	93.43	ng	-0.04
78) Terphenyl-d14	12.65	244	851979	84.82	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	111265	29.91	ng	# 73
3) Pyridine	2.82	79	351743	45.00	ng	# 66
4) n-Nitrosodimethylamine	2.76	42	181418	41.50	ng	# 81
6) Aniline	6.22	93	290360	27.18	ng	# 52
8) 2-Chlorophenol	6.35	128	324153	41.57	ng	# 95
9) Benzaldehyde	6.10	77	142212	28.37	ng	# 96
10) Phenol	6.23	94	401746	40.97	ng	# 91
11) bis(2-Chloroethyl)ether	6.30	93	313167	42.47	ng	# 90
12) 1,3-Dichlorobenzene	6.49	146	338293	40.81	ng	# 98
13) 1,4-Dichlorobenzene	6.57	146	340603	40.58	ng	# 96
14) 1,2-Dichlorobenzene	6.73	146	306244	40.11	ng	# 97
15) Benzyl Alcohol	6.71	79	247705	43.62	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	658001	43.24	ng	# 98
17) 2-Methylphenol	6.83	107	265973	43.86	ng	# 95
18) Hexachloroethane	7.06	117	121207	40.72	ng	# 80
19) n-Nitroso-di-n-propylamine	6.99	70	222899	42.65	ng	# 84
20) 3+4-Methylphenols	6.99	107	337044	45.80	ng	# 65
22) Acetophenone	6.97	105	448695	42.75	ng	# 97
24) Nitrobenzene	7.15	77	332006	42.34	ng	# 90
25) Isophorone	7.39	82	623568	44.21	ng	# 96
26) 2-Nitrophenol	7.46	139	184243	42.26	ng	# 84
27) 2,4-Dimethylphenol	7.52	122	308530	43.02	ng	# 96
28) bis(2-Chloroethoxy)methane	7.60	93	419485	44.02	ng	# 99
29) 2,4-Dichlorophenol	7.71	162	280235	43.16	ng	# 98
30) 1,2,4-Trichlorobenzene	7.79	180	251317	40.71	ng	# 96
31) Naphthalene	7.86	128	948097	42.62	ng	# 99
32) Benzoic acid	7.67	122	197441	43.07	ng	# 94
33) 4-Chloroaniline	7.92	127	185088	21.00	ng	# 95
34) Hexachlorobutadiene	7.99	225	133403	40.48	ng	# 99
35) Caprolactam	8.29	113	57211	27.50	ng	# 54
36) 4-Chloro-3-methylphenol	8.42	107	298987	42.83	ng	# 88
37) 2-Methylnaphthalene	8.55	142	646515	45.59	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	228703	42.67	ng	# 99
40) Hexachlorocyclopentadiene	8.71	237	89153	46.45	ng	# 97

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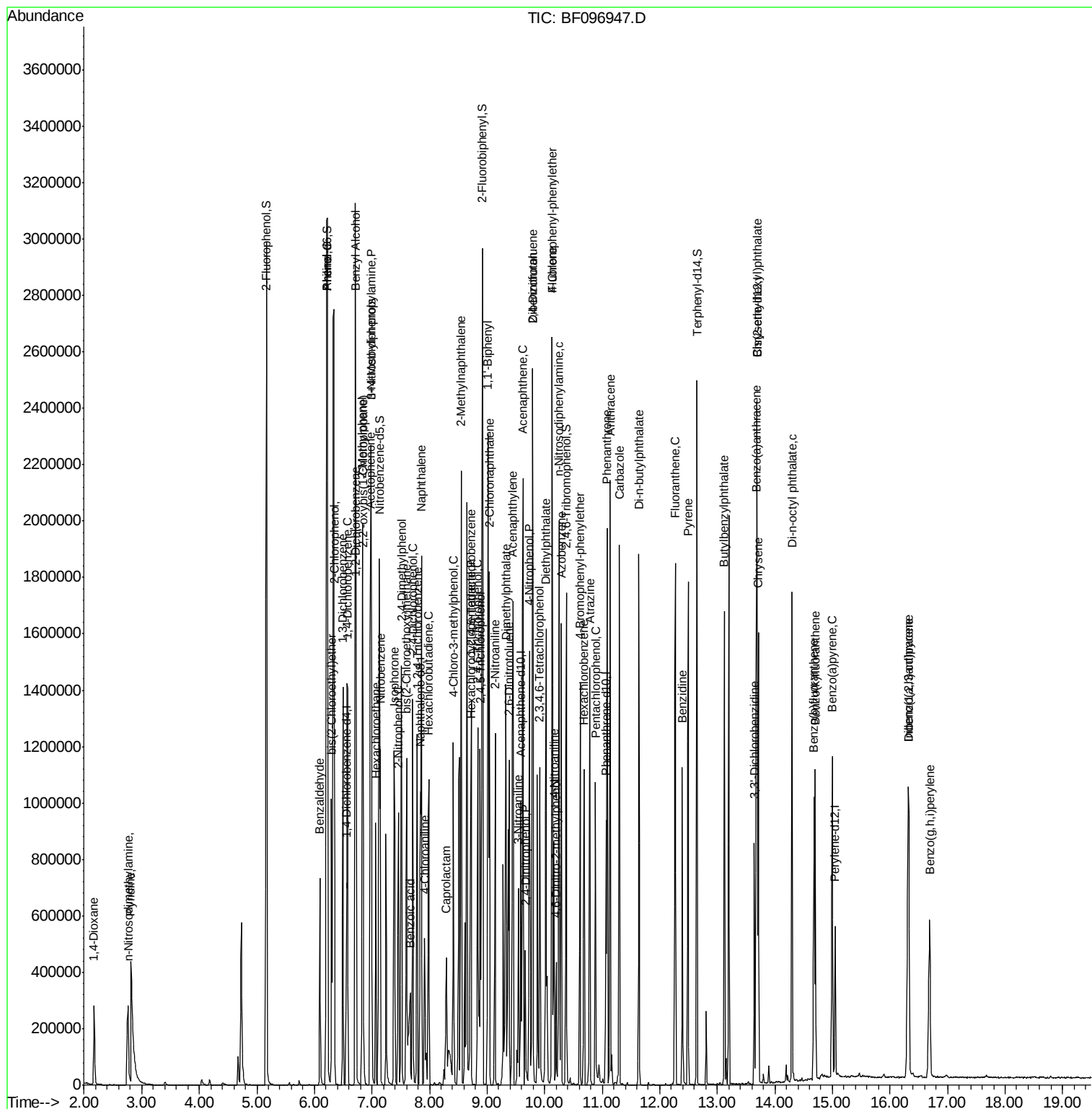
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	171288	43.32	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	181065	45.41	ng	100
45) 1,1'-Biphenyl	9.02	154	721903	42.45	ng	98
46) 2-Chloronaphthalene	9.04	162	561432	44.83	ng	93
47) 2-Nitroaniline	9.14	65	207930	48.31	ng	94
48) Acenaphthylene	9.45	152	783490	39.27	ng	98
49) Dimethylphthalate	9.33	163	701213	46.97	ng	99
50) 2,6-Dinitrotoluene	9.39	165	149391	46.20	ng	# 87
51) Acenaphthene	9.62	154	498028	42.25	ng	98
52) 3-Nitroaniline	9.55	138	105079	27.43	ng	93
53) 2,4-Dinitrophenol	9.66	184	62696	42.60	ng	# 75
54) Dibenzofuran	9.79	168	724078	43.84	ng	96
55) 4-Nitrophenol	9.73	139	189690	67.77	ng	# 60
56) 2,4-Dinitrotoluene	9.79	165	173214	41.68	ng	# 61
57) Fluorene	10.13	166	538464	44.12	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	132644	47.96	ng	# 98
59) Diethylphthalate	10.02	149	664799	45.74	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	227272	44.95	ng	99
61) 4-Nitroaniline	10.16	138	154881	43.05	ng	92
62) Azobenzene	10.29	77	636246	49.62	ng	93
64) 4,6-Dinitro-2-methylphenol	10.20	198	47787	23.11	ng	92
65) n-Nitrosodiphenylamine	10.25	169	517567	43.96	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	156446	46.53	ng	98
67) Hexachlorobenzene	10.69	284	158339	42.28	ng	95
68) Atrazine	10.79	200	161002	48.00	ng	96
69) Pentachlorophenol	10.88	266	118641	65.58	ng	98
70) Phenanthrene	11.09	178	806477	45.04	ng	99
71) Anthracene	11.14	178	832679	45.99	ng	99
72) Carbazole	11.30	167	770503	43.94	ng	99
73) Di-n-butylphthalate	11.64	149	927376	42.47	ng	99
74) Fluoranthene	12.27	202	743489	43.38	ng	99
76) Benzidine	12.39	184	422452	74.02	ng	# 93
77) Pyrene	12.49	202	743175	47.01	ng	99
79) Butylbenzylphthalate	13.12	149	385790	51.36	ng	# 78
80) Benzo(a)anthracene	13.67	228	502504	46.29	ng	99
81) 3,3'-Dichlorobenzidine	13.64	252	163390	41.86	ng	# 96
82) Chrysene	13.72	228	517116	48.39	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	463814	50.70	ng	# 100
84) Di-n-octyl phthalate	14.30	149	804375	53.19	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.32	276	486185	47.57	ng	98
87) Benzo(b)fluoranthene	14.68	252	449428	35.91	ng	98
88) Benzo(k)fluoranthene	14.70	252	412295	34.79	ng	97
89) Benzo(a)pyrene	15.00	252	508194	44.27	ng	99
90) Dibenzo(a,h)anthracene	16.33	278	406195	38.46	ng	98
91) Benzo(g,h,i)perylene	16.69	276	403322	35.66	ng	97

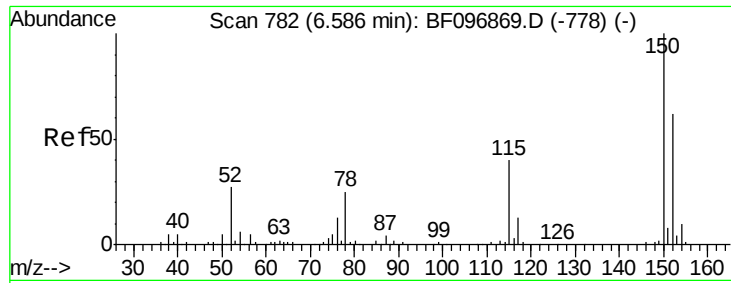
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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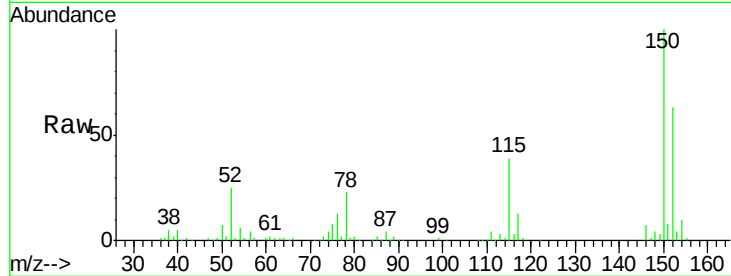


#1

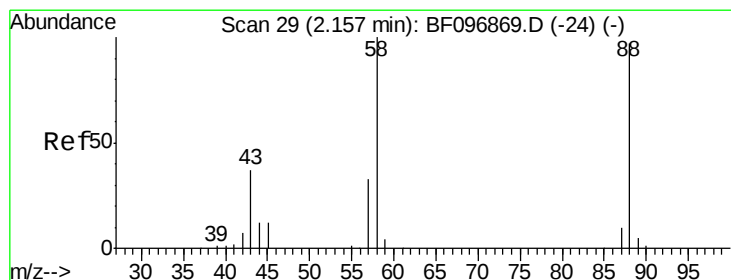
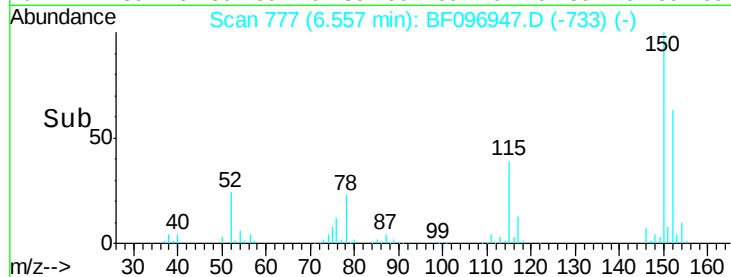
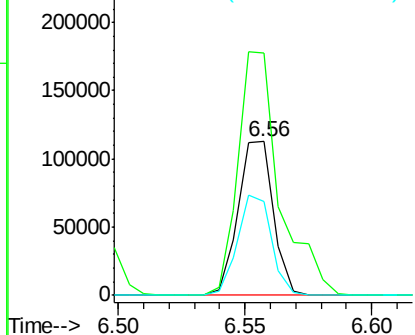
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096947.D
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ClientSampleId :
PB100830BS

Tgt Ion:152 Resp: 108685
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.5 52.2 78.2



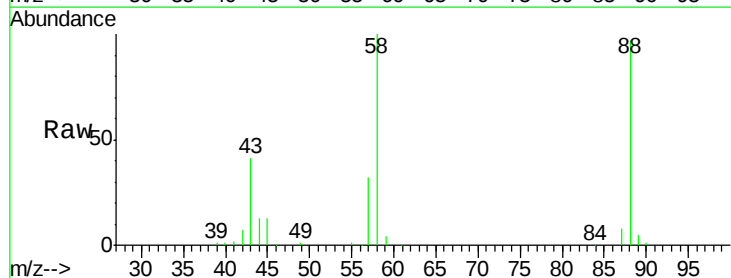
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



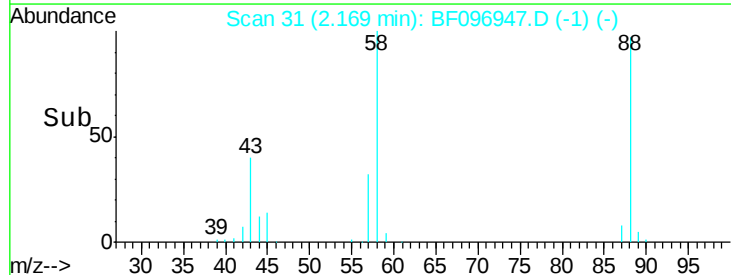
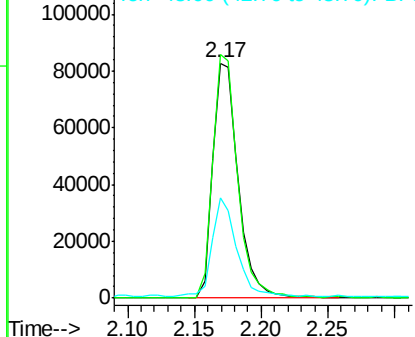
#2

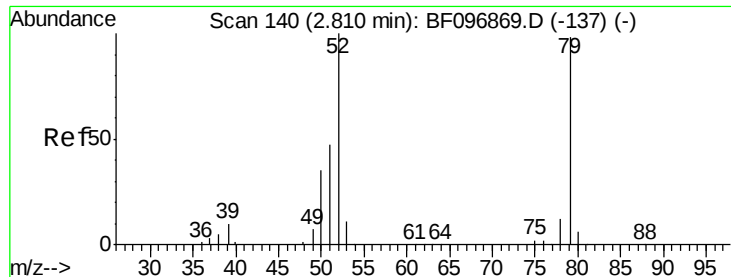
1,4-Dioxane
Concen: 29.91 ng
RT: 2.17 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion: 88 Resp: 111265
Ion Ratio Lower Upper
88 100
58 101.8 61.4 92.0#
43 41.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.00 ng

RT: 2.82 min Scan# 141

Delta R.T. -0.03 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

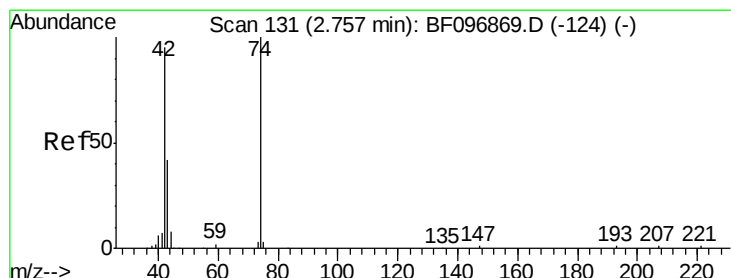
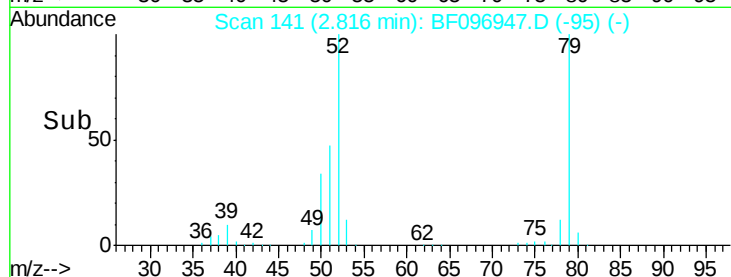
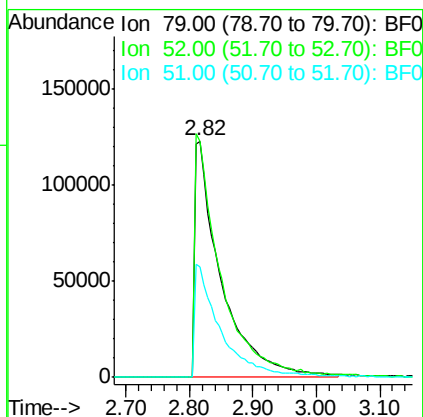
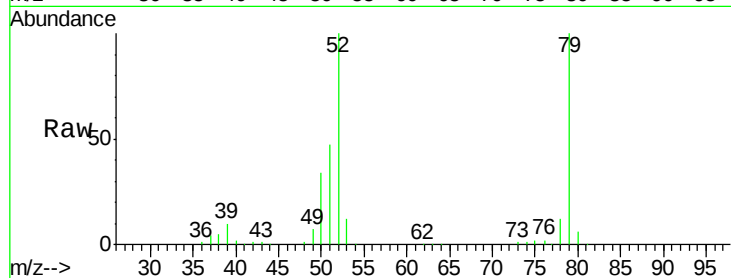
Tgt Ion: 79 Resp: 351743

Ion Ratio Lower Upper

79 100

52 99.9 54.8 82.2#

51 47.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.50 ng

RT: 2.76 min Scan# 132

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

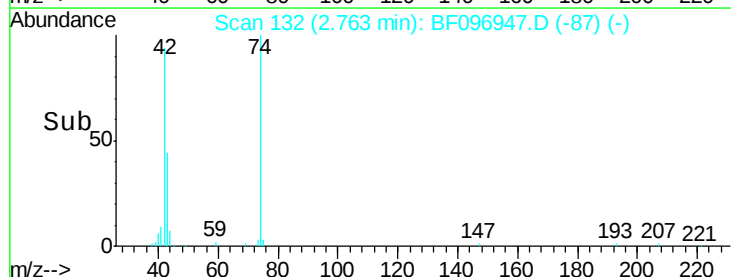
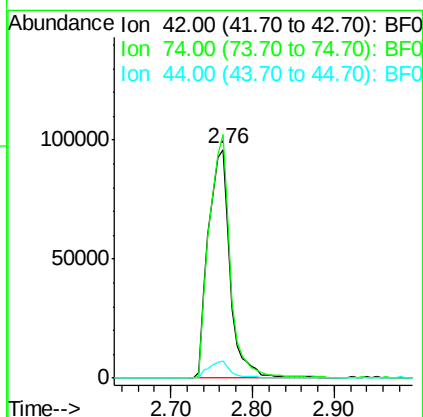
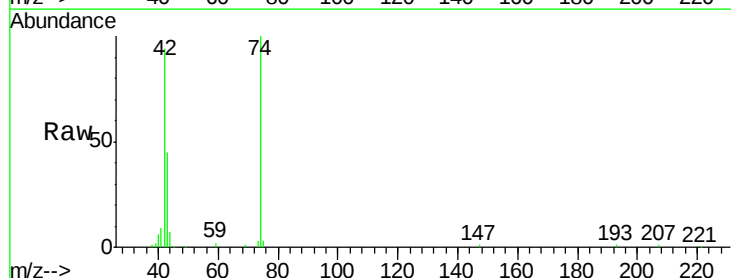
Tgt Ion: 42 Resp: 181418

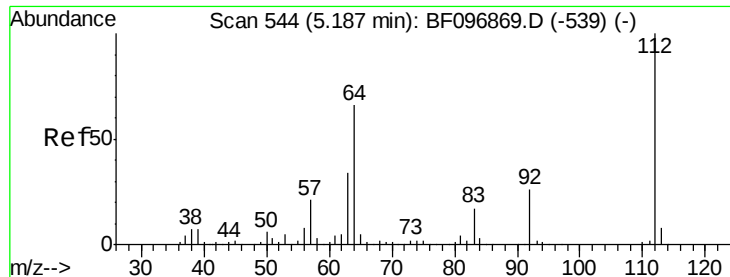
Ion Ratio Lower Upper

42 100

74 106.4 103.9 155.9

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 126.63 ng

RT: 5.17 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

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ClientSampleId :

PB100830BS

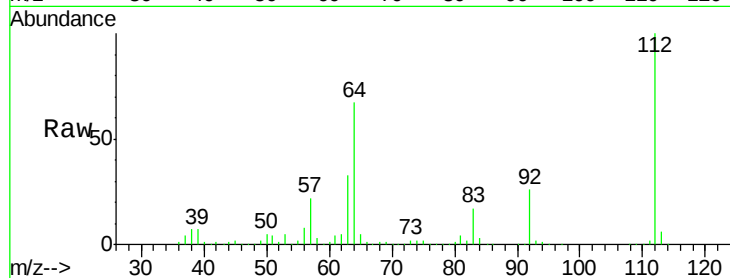
Tgt Ion: 112 Resp: 915346

Ion Ratio Lower Upper

112 100

64 66.8 46.0 69.0

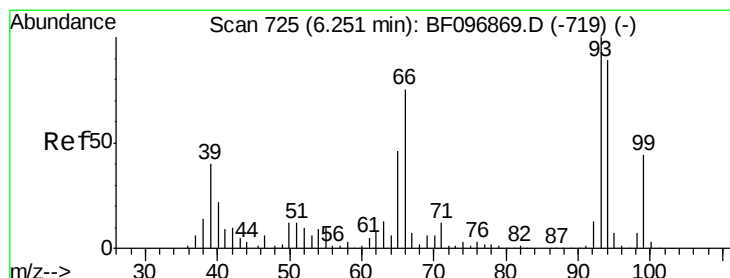
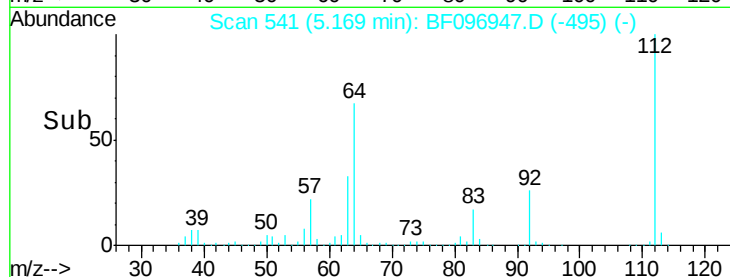
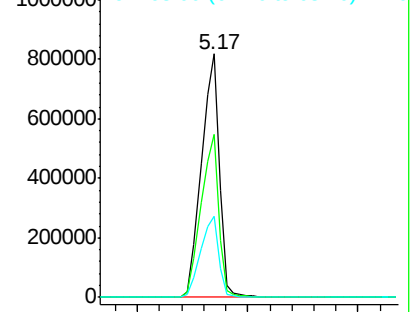
63 33.4 23.4 35.0



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: 27.18 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

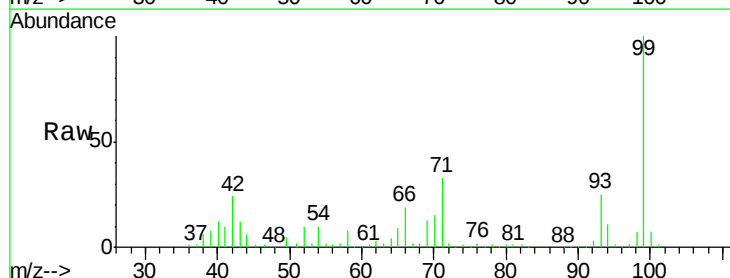
Tgt Ion: 93 Resp: 290360

Ion Ratio Lower Upper

93 100

66 75.3 32.9 49.3#

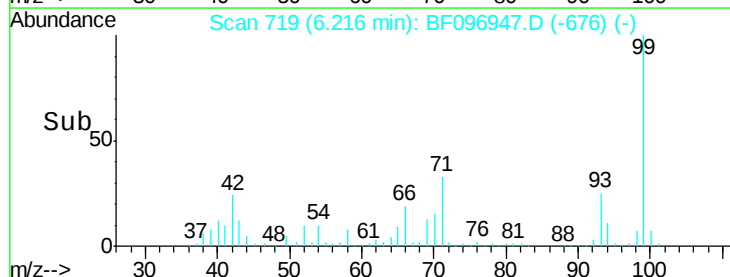
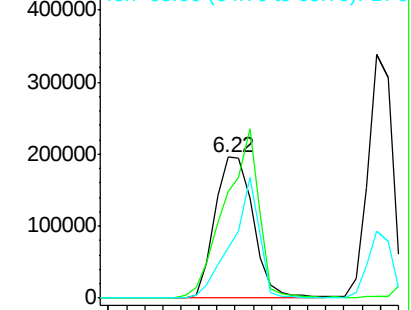
65 35.7 16.0 24.0#

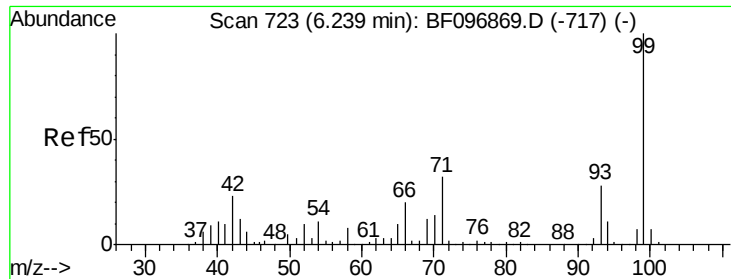


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.44 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

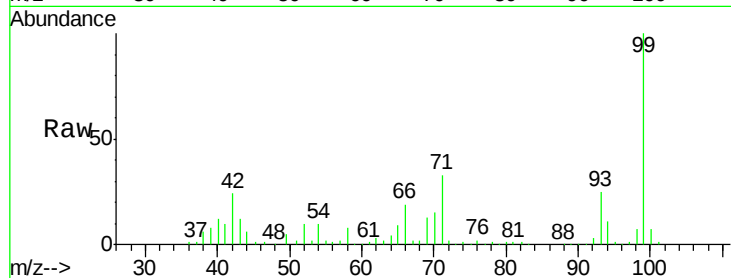
BNA_F

ClientSampleId :

PB100830BS

Tgt Ion: 99 Resp: 1114118

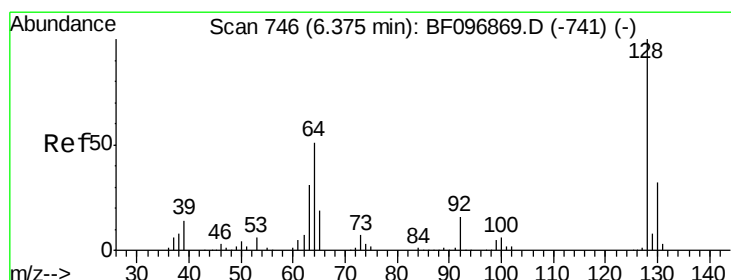
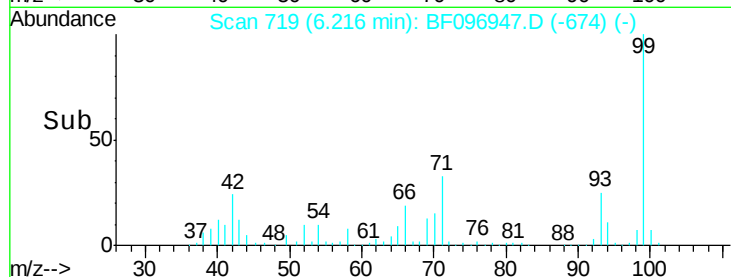
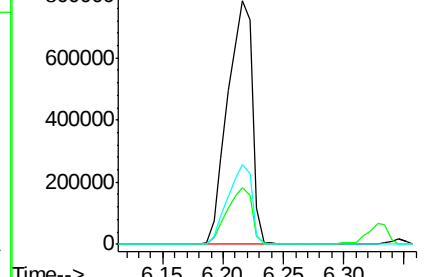
Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	32.8	24.5	36.7



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



#8

2-Chlorophenol

Concen: 41.57 ng

RT: 6.35 min Scan# 741

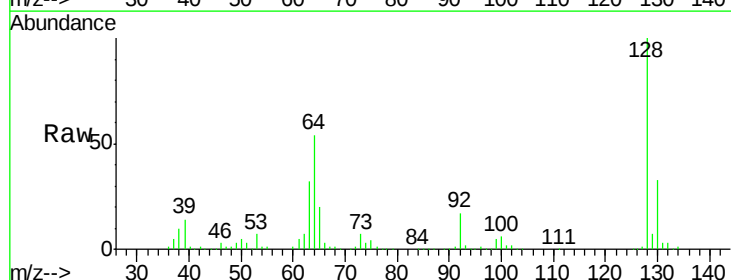
Delta R.T. -0.04 min

Lab File: BF096947.D

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Tgt Ion: 128 Resp: 324153

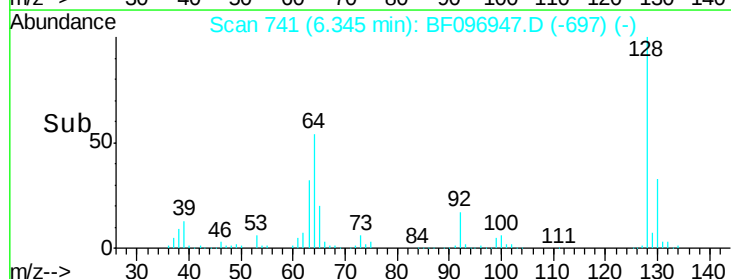
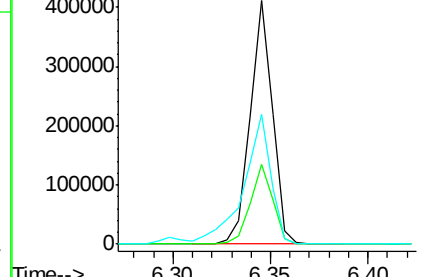
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	53.5	28.4	68.4

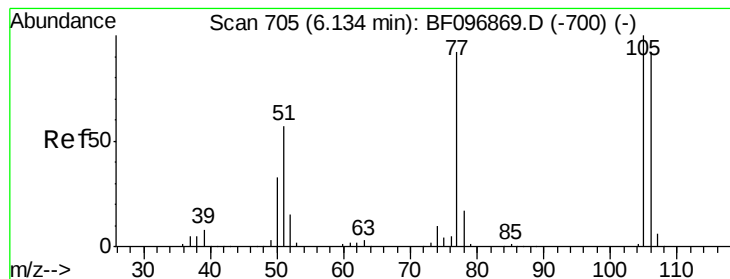


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.37 ng

RT: 6.10 min Scan# 699

Delta R.T. -0.05 min

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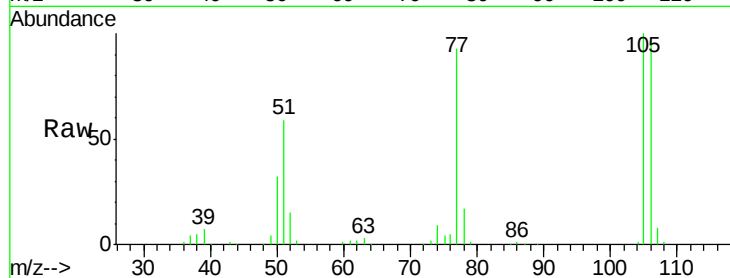
Tgt Ion: 77 Resp: 142212

Ion Ratio Lower Upper

77 100

105 107.5 83.8 123.8

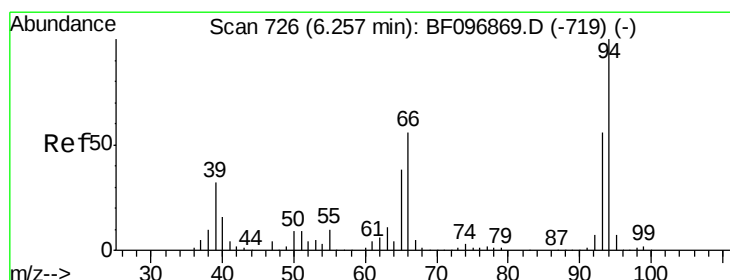
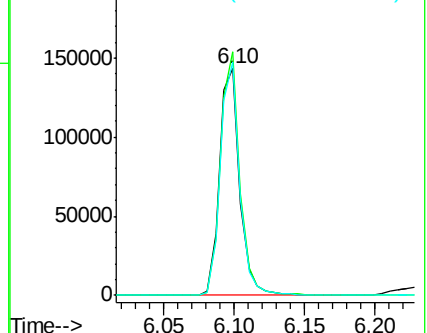
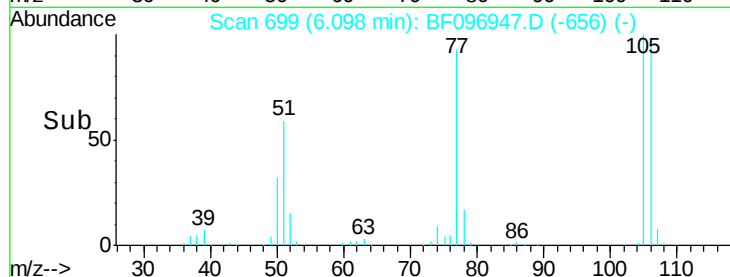
106 103.2 79.1 119.1



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: 40.97 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

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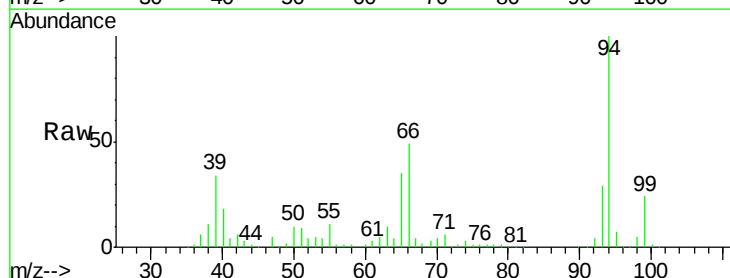
Tgt Ion: 94 Resp: 401746

Ion Ratio Lower Upper

94 100

65 34.9 9.9 49.9

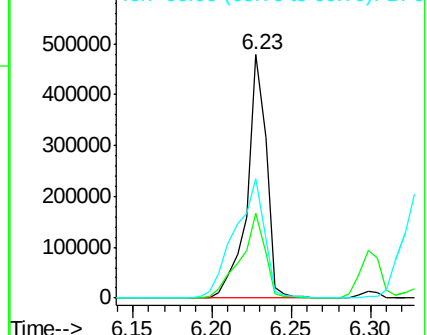
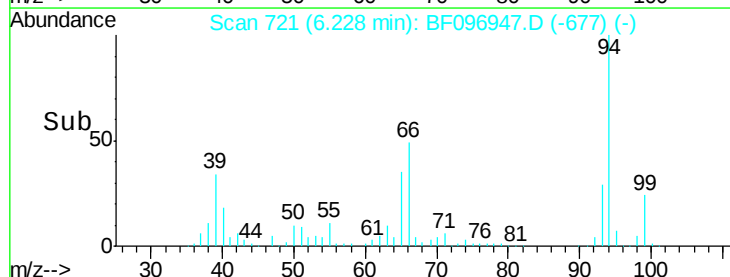
66 49.1 23.1 63.1

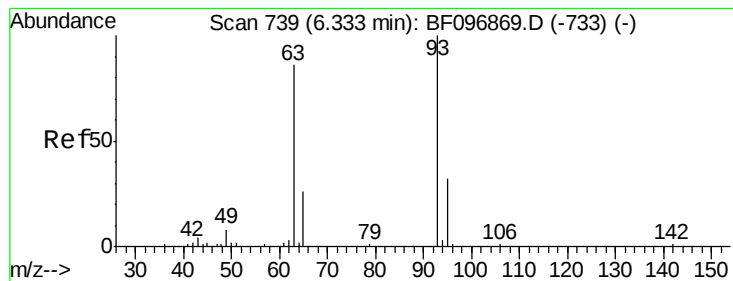


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.47 ng

RT: 6.30 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

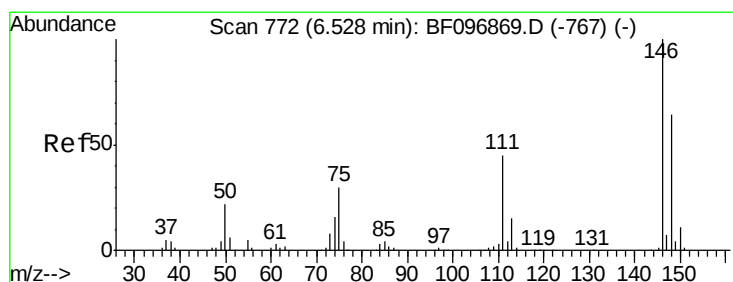
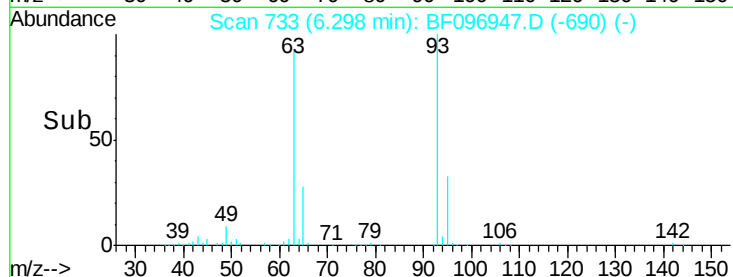
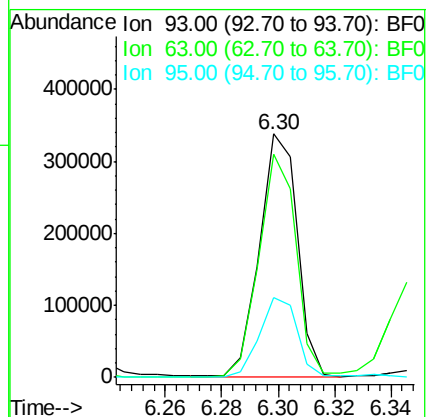
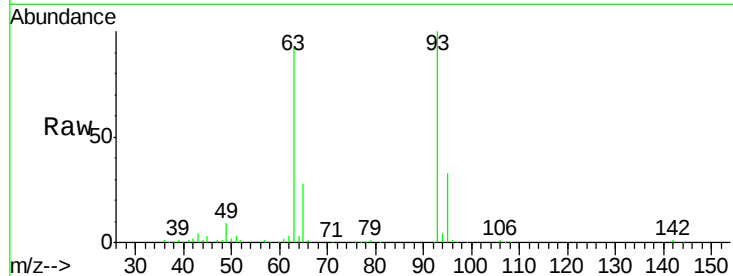
Tgt Ion: 93 Resp: 313167

Ion Ratio Lower Upper

93 100

63 91.7 59.2 99.2

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.81 ng

RT: 6.49 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

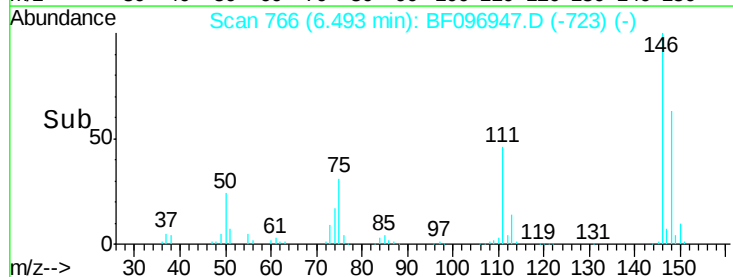
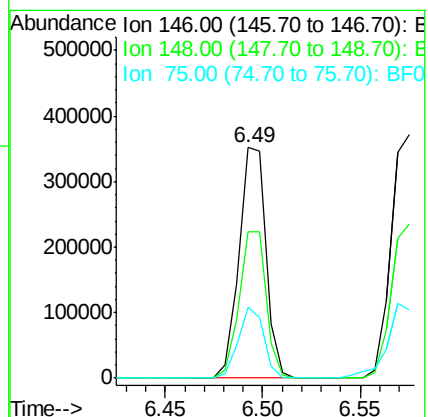
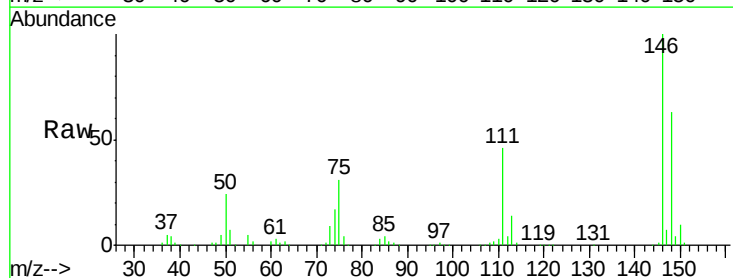
Tgt Ion: 146 Resp: 338293

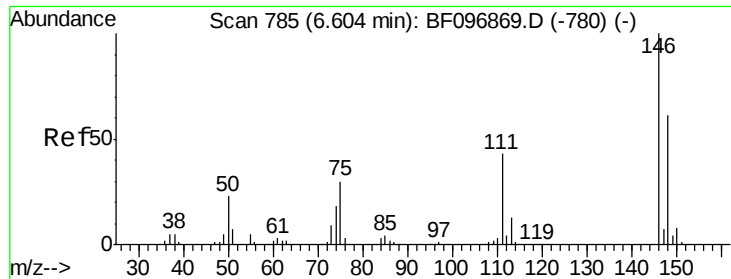
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 30.8 23.1 34.7

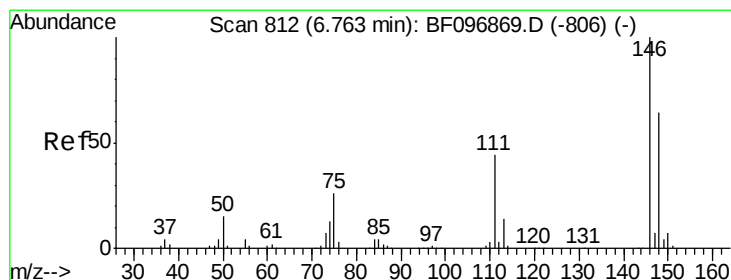
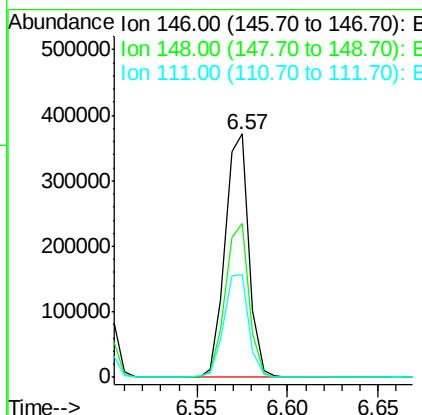
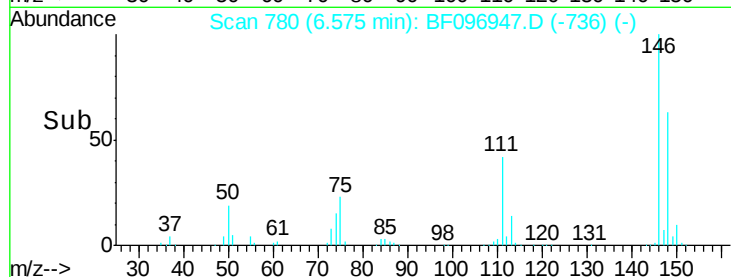
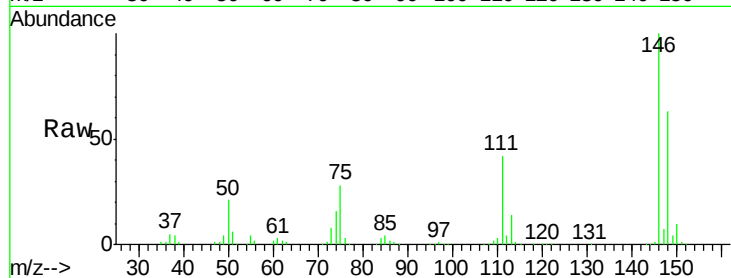




#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 6.57 min Scan# 780
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

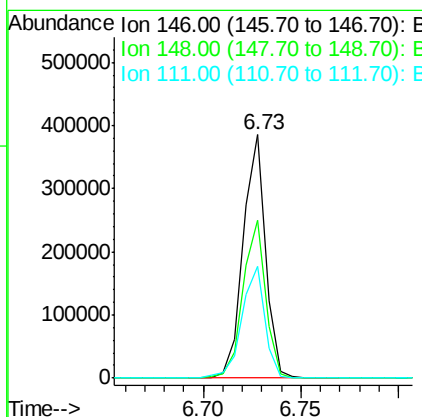
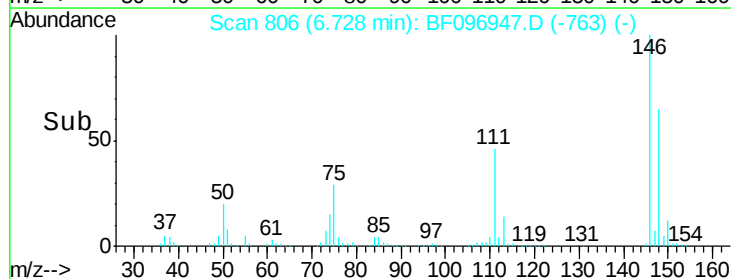
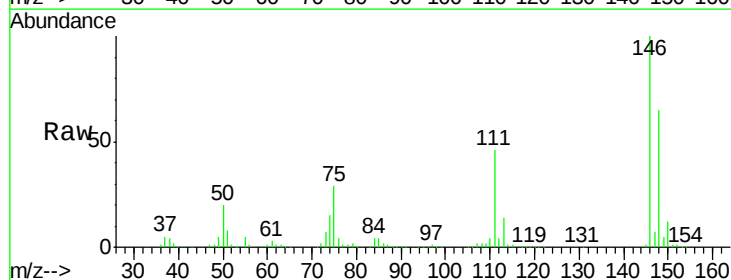
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

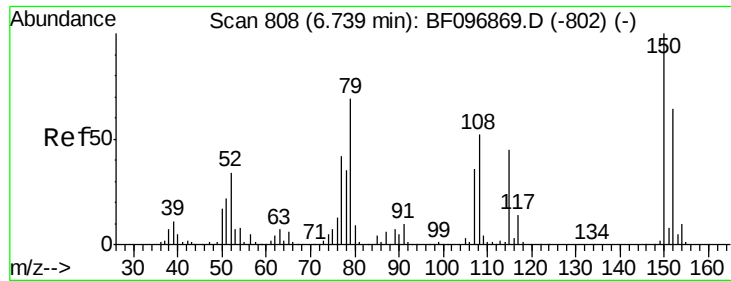
Tgt Ion:146 Resp: 340603
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 42.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.11 ng
 RT: 6.73 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:146 Resp: 306244
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 45.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.62 ng

RT: 6.71 min Scan# 803

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleID :

PB100830BS

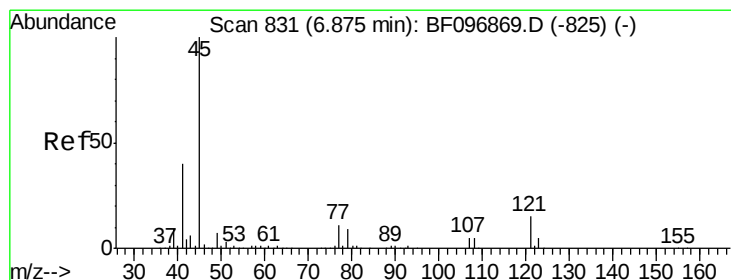
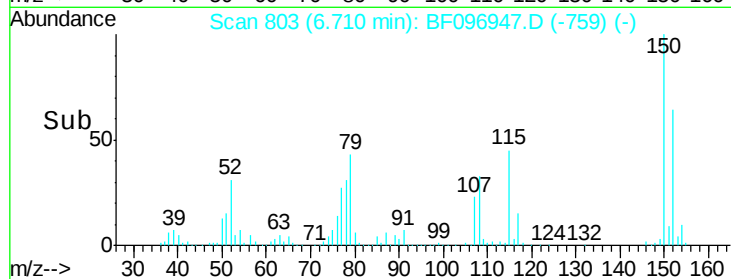
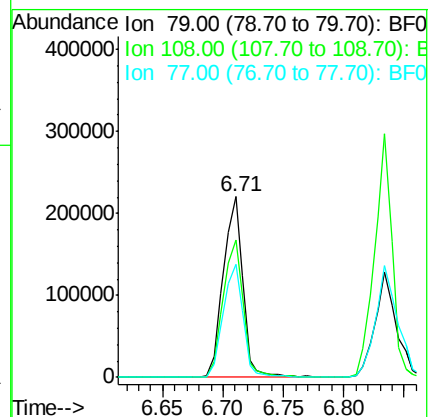
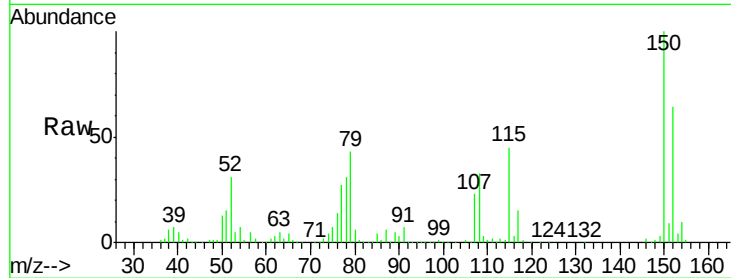
Tgt Ion: 79 Resp: 247705

Ion Ratio Lower Upper

79 100

108 75.8 63.4 95.0

77 62.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.24 ng

RT: 6.85 min Scan# 826

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

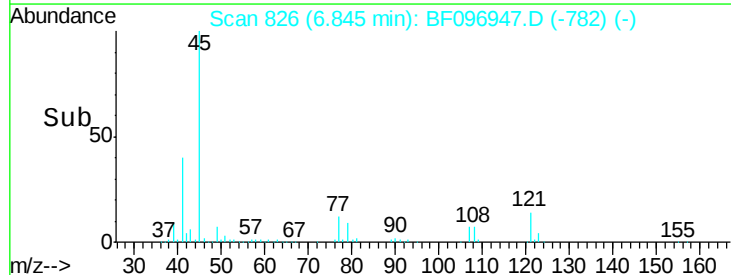
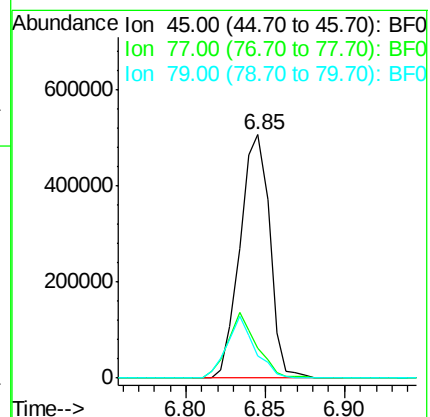
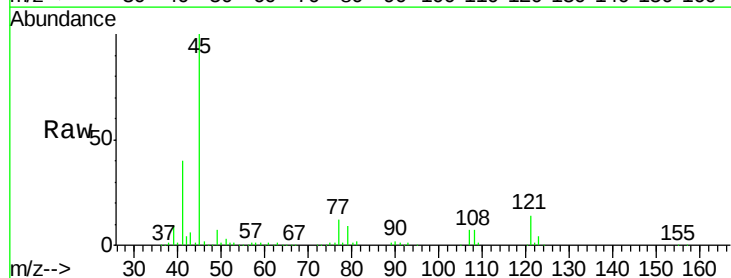
Tgt Ion: 45 Resp: 658001

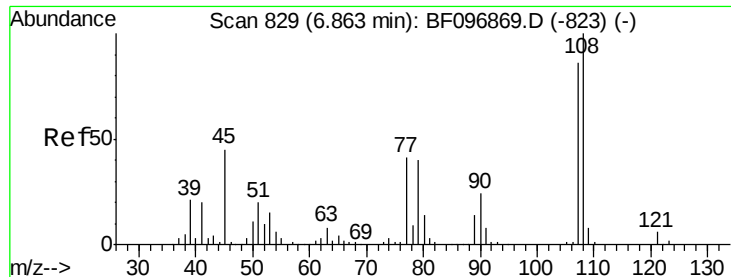
Ion Ratio Lower Upper

45 100

77 12.3 0.0 33.2

79 9.4 0.0 30.0

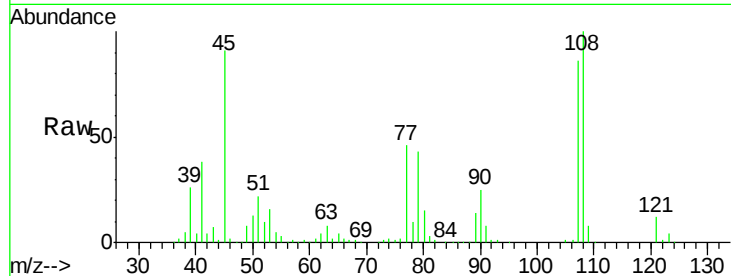




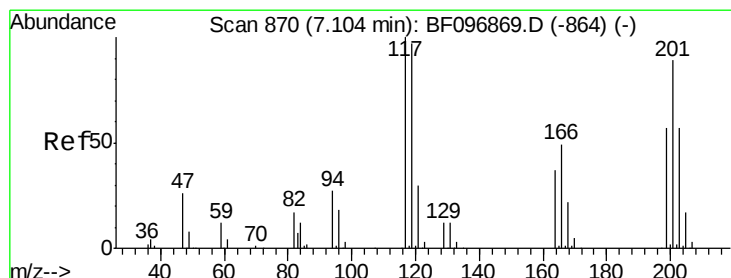
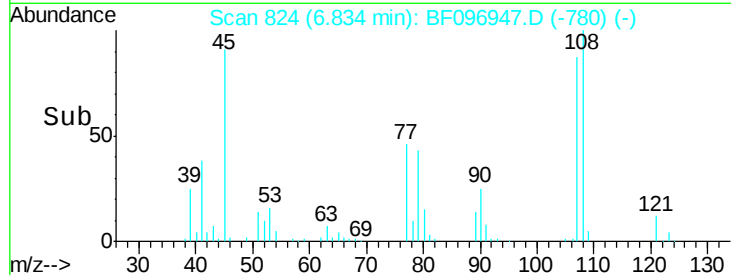
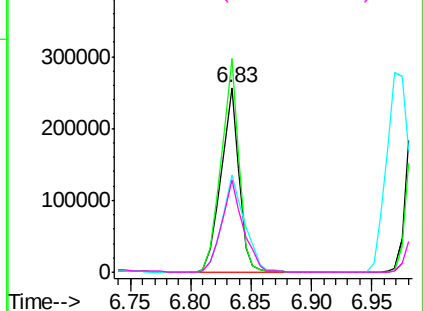
#17
2-Methylphenol
Concen: 43.86 ng
RT: 6.83 min Scan# 824
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB100830BS

Tgt Ion:107 Resp: 265973
Ion Ratio Lower Upper
107 100
108 115.7 93.4 140.0
77 52.8 35.8 53.6
79 49.9 34.8 52.2

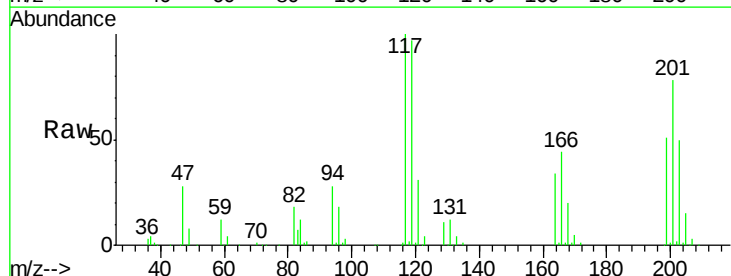


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

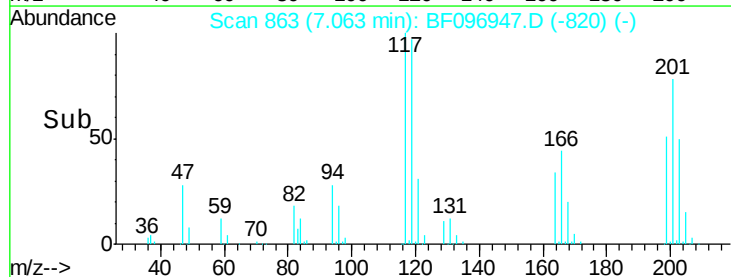
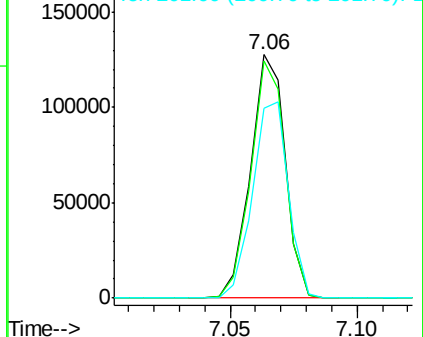


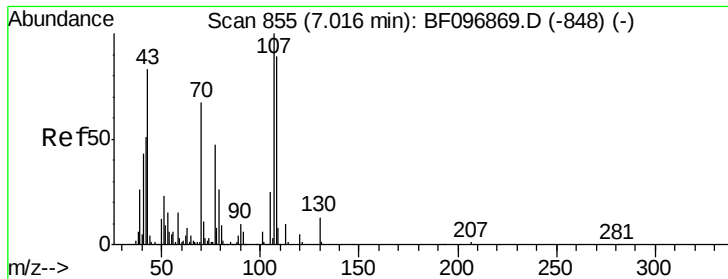
#18
Hexachloroethane
Concen: 40.72 ng
RT: 7.06 min Scan# 863
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:117 Resp: 121207
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 78.1 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

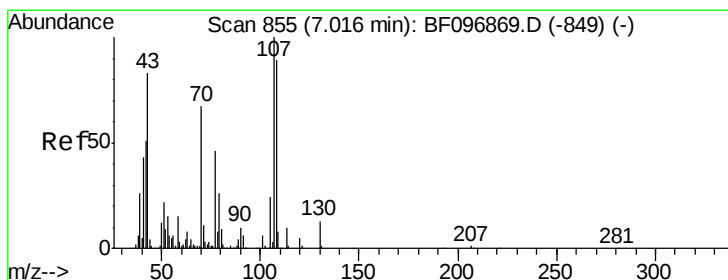
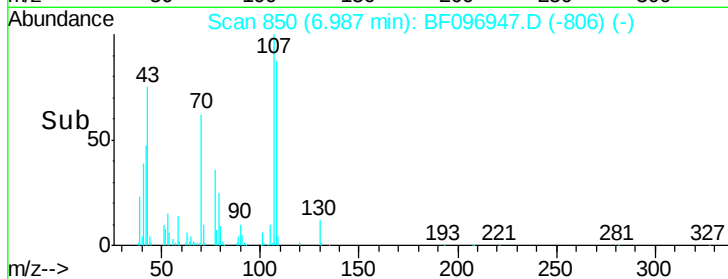
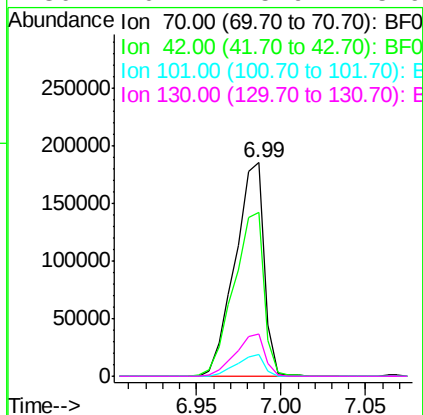
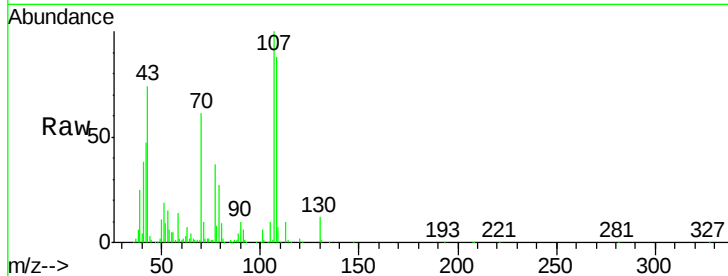




#19
n-Nitroso-di-n-propylamine
Concen: 42.65 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

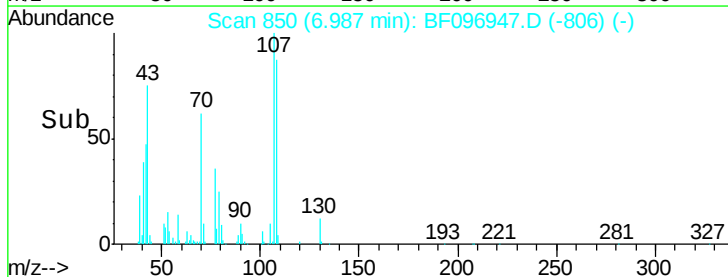
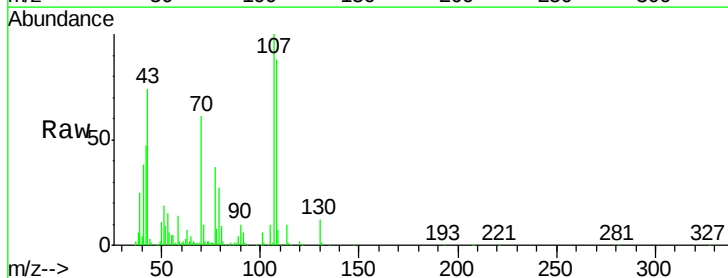
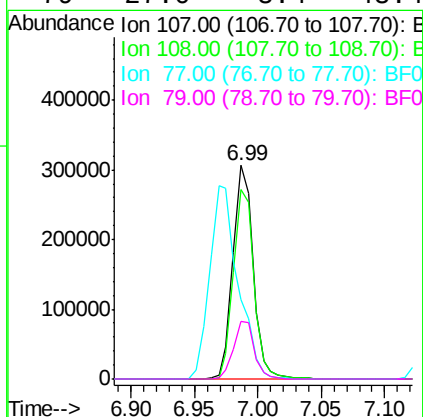
Instrument :
BNA_F
ClientSampleId :
PB100830BS

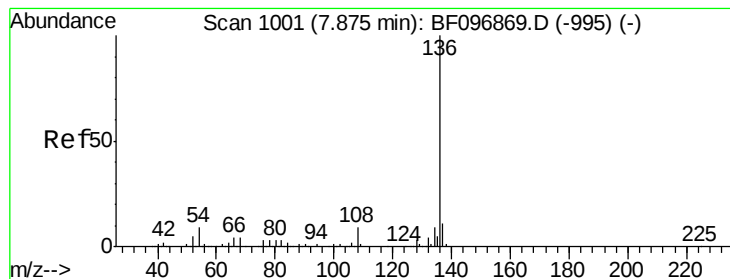
Tgt Ion: 70 Resp: 222899
Ion Ratio Lower Upper
70 100
42 76.9 47.2 70.8#
101 10.1 7.2 10.8
130 20.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.80 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion: 107 Resp: 337044
Ion Ratio Lower Upper
107 100
108 88.4 71.0 111.0
77 37.1 90.5 130.5#
79 27.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

Tgt Ion:136 Resp: 469598

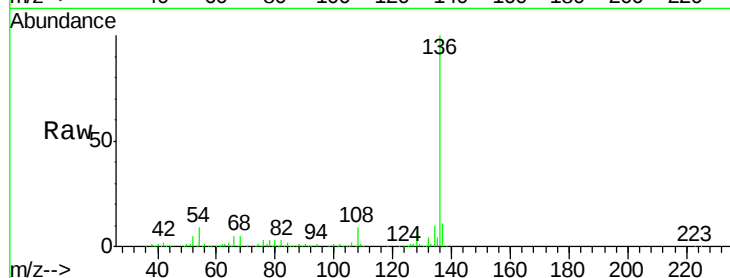
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.4 4.9 7.3#

68 4.6 4.1 6.1

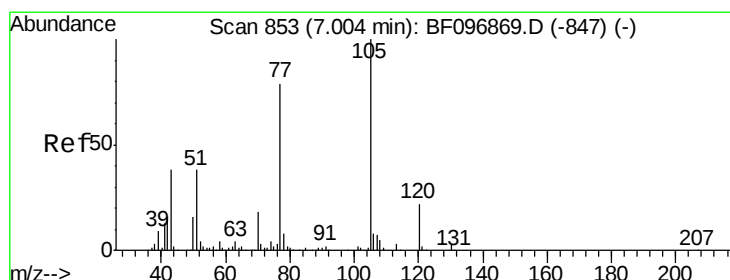
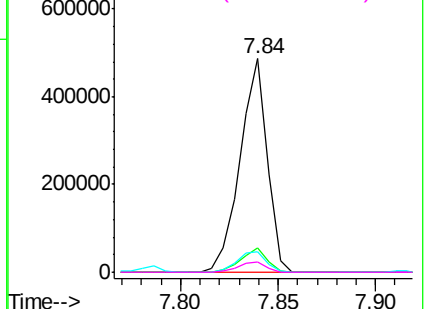
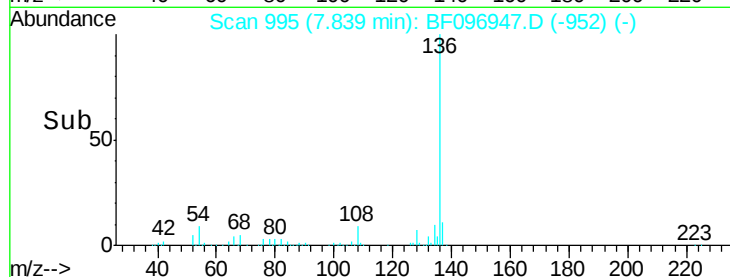


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.75 ng

RT: 6.97 min Scan# 847

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Tgt Ion:105 Resp: 448695

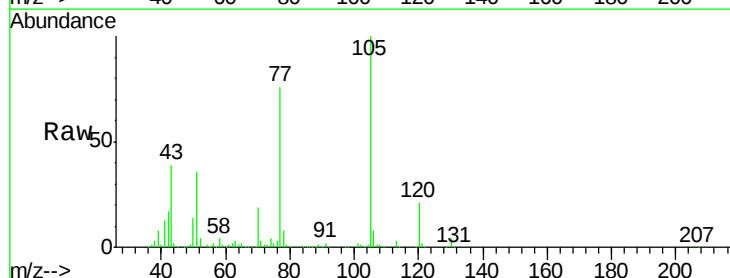
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 35.9 30.7 46.1

120 21.4 17.4 26.0

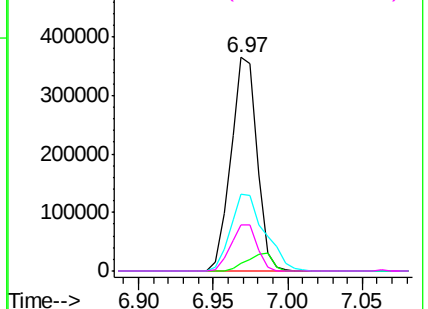
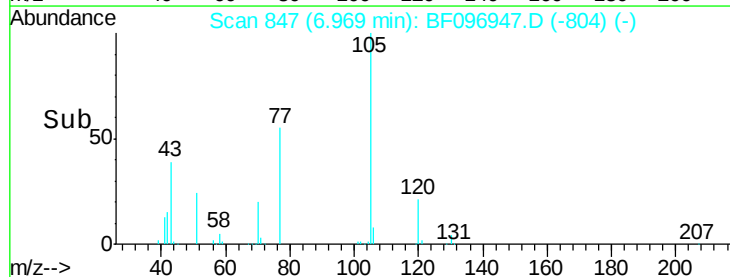


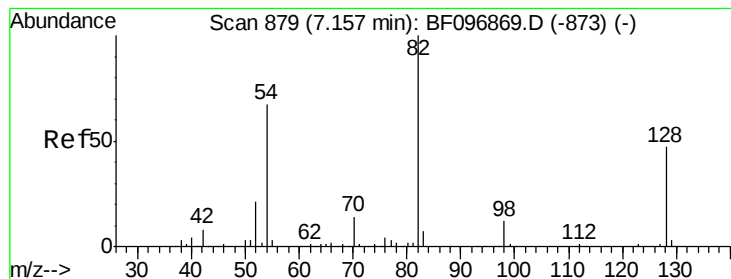
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.54 ng

RT: 7.13 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

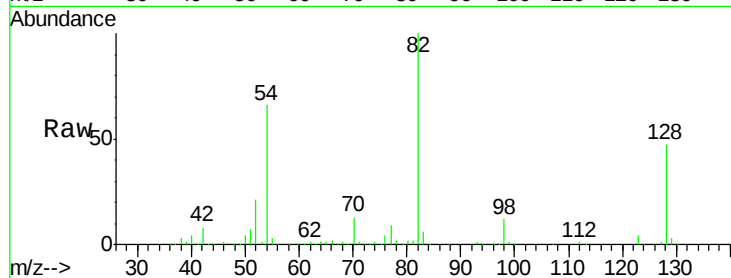
Tgt Ion: 82 Resp: 678852

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

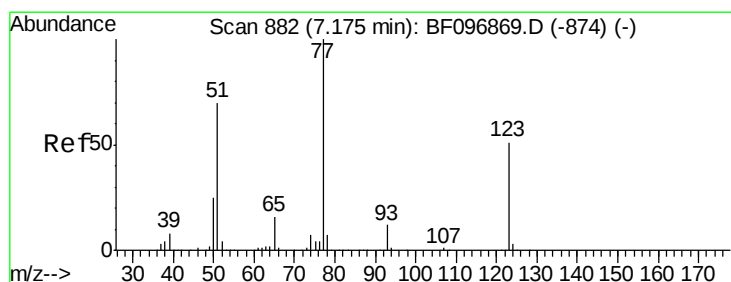
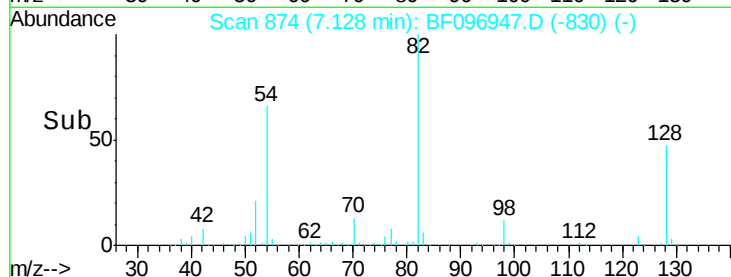
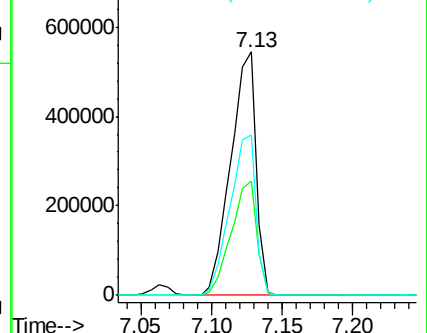
54 66.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.34 ng

RT: 7.15 min Scan# 877

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

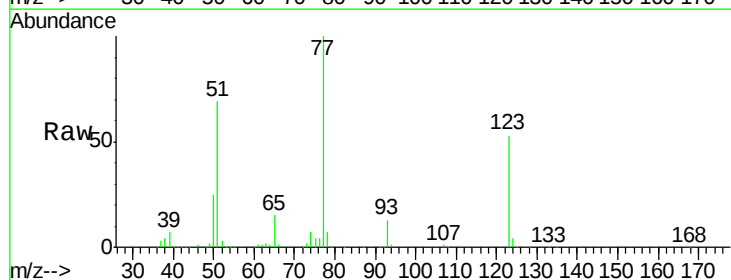
Tgt Ion: 77 Resp: 332006

Ion Ratio Lower Upper

77 100

123 52.5 35.8 53.8

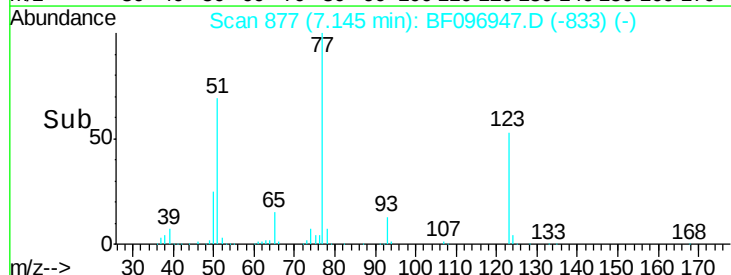
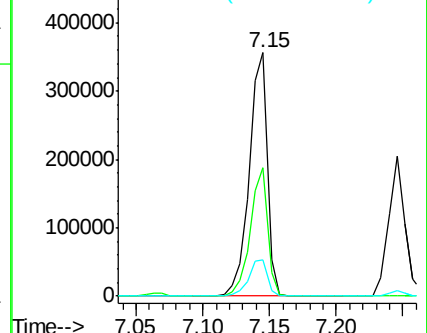
65 15.0 10.6 15.8

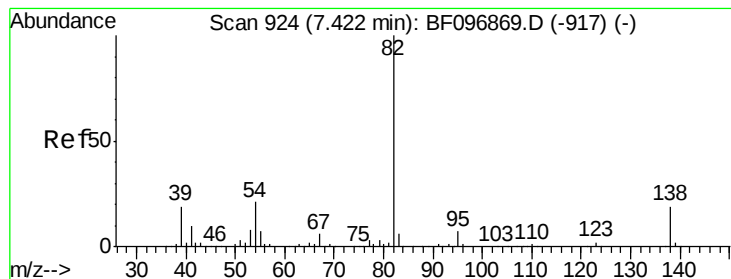


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.21 ng

RT: 7.39 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

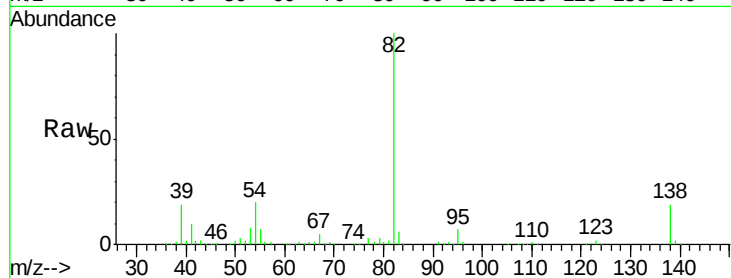
Tgt Ion: 82 Resp: 623568

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

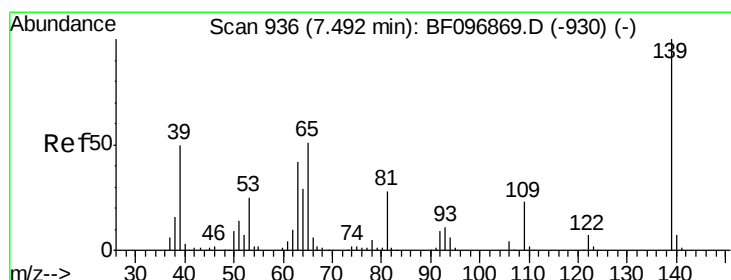
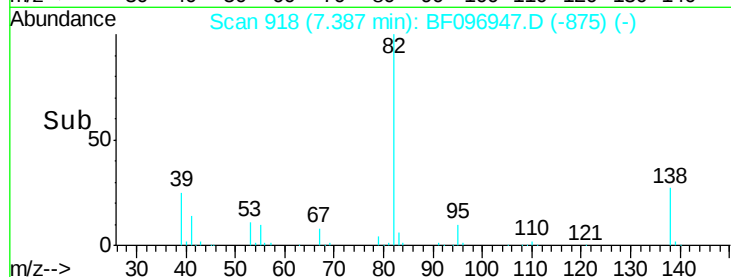
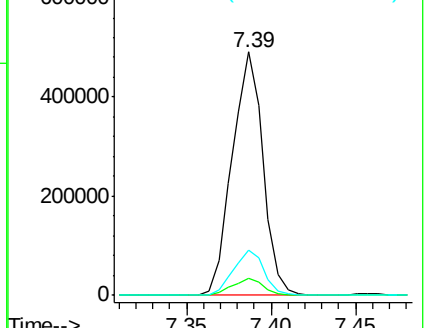
138 18.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.26 ng

RT: 7.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

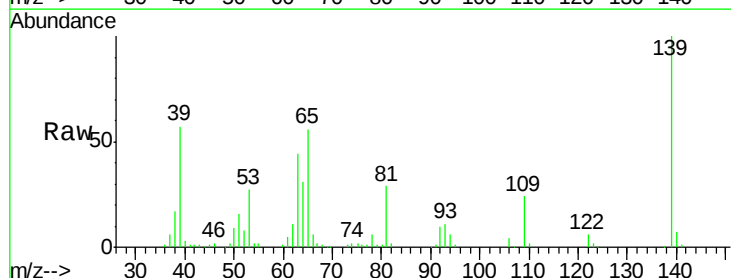
Tgt Ion: 139 Resp: 184243

Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

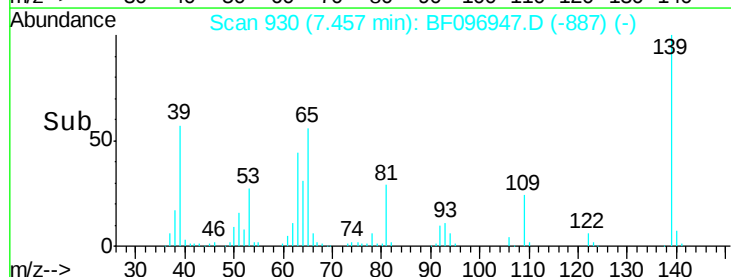
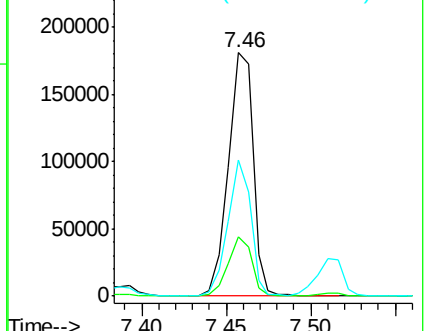
65 55.8 33.0 49.6#

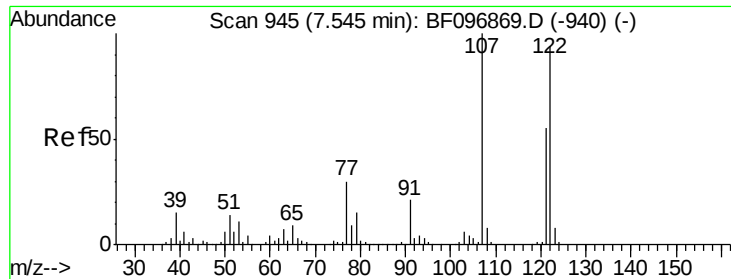


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

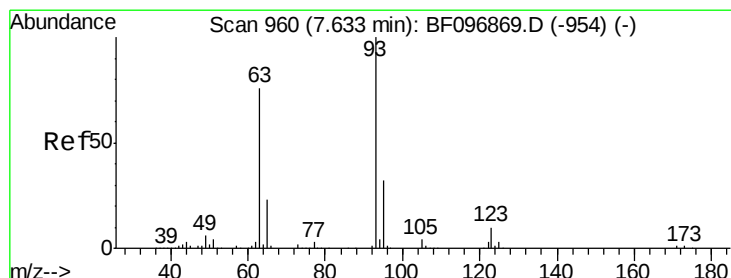
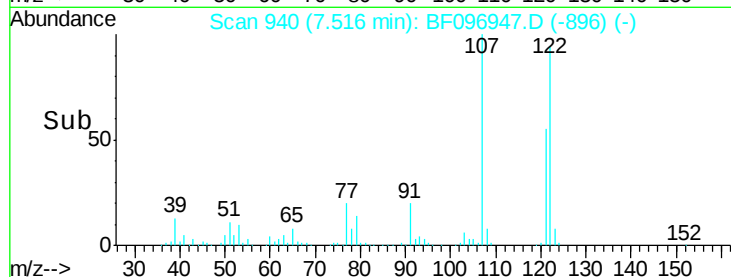
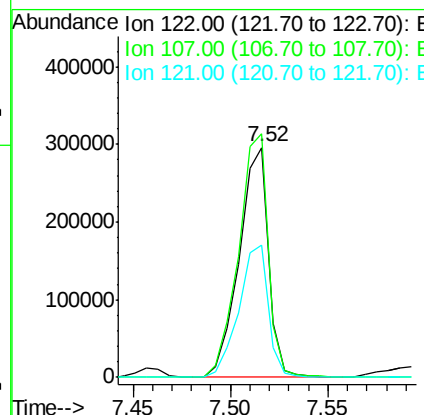
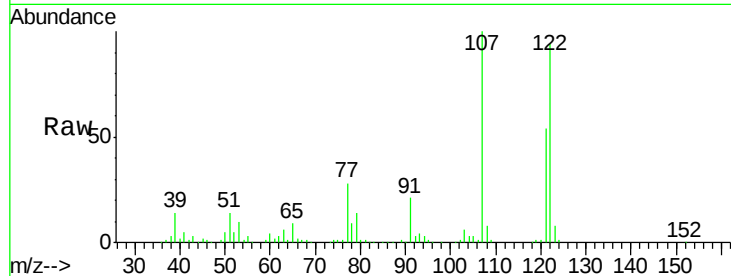




#27
 2,4-Dimethylphenol
 Concen: 43.02 ng
 RT: 7.52 min Scan# 940
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

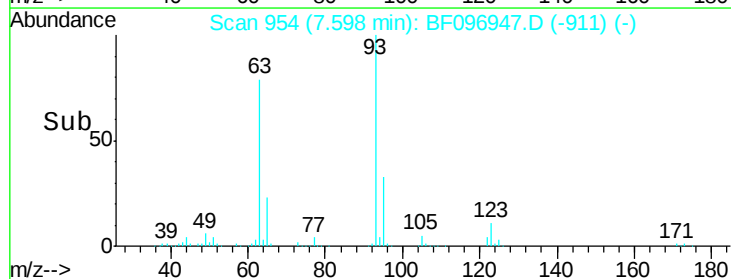
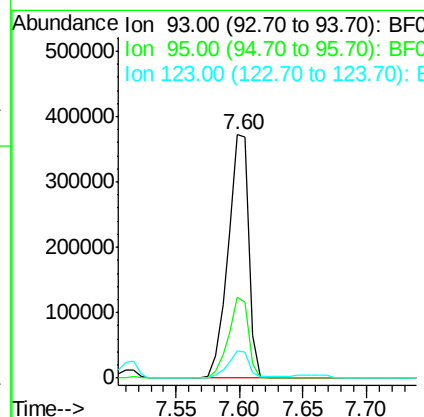
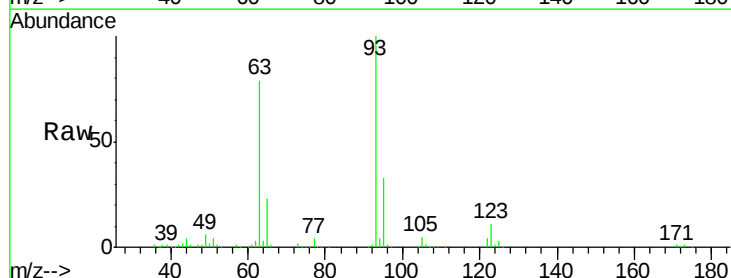
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

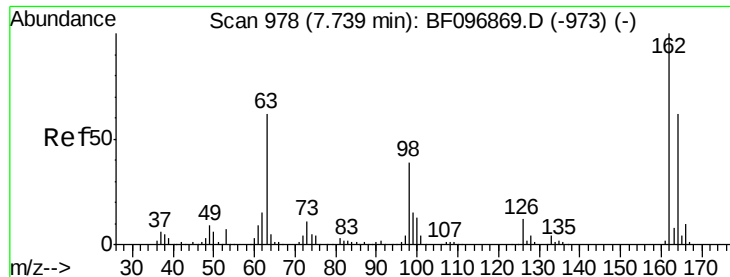
Tgt Ion: 122 Resp: 308530
 Ion Ratio Lower Upper
 122 100
 107 105.9 89.2 133.8
 121 57.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.02 ng
 RT: 7.60 min Scan# 954
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion: 93 Resp: 419485
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.0 9.0 13.4

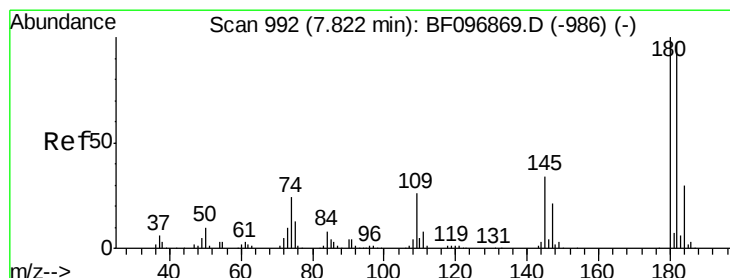
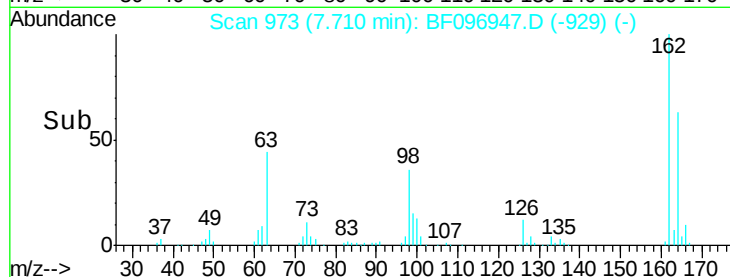
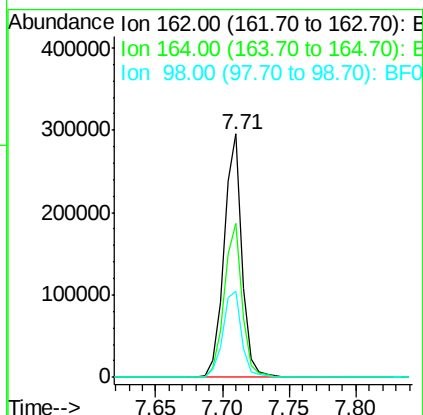
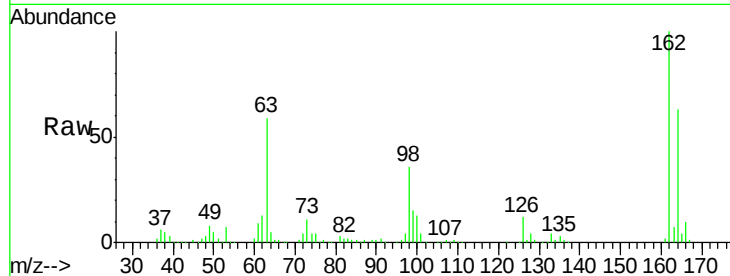




#29
 2,4-Dichlorophenol
 Concen: 43.16 ng
 RT: 7.71 min Scan# 973
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

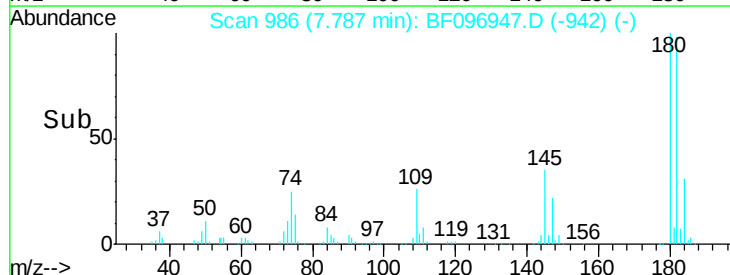
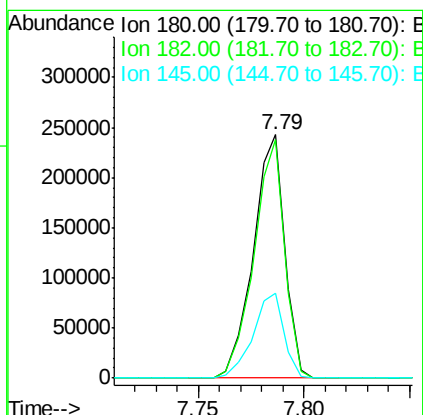
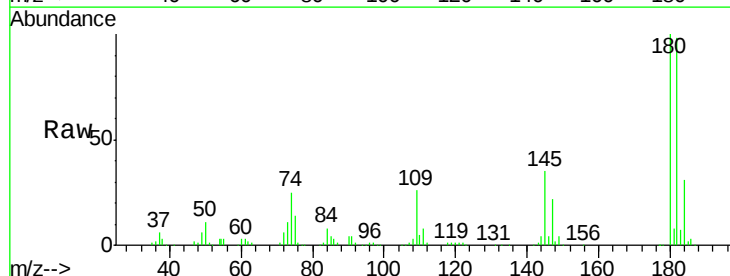
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

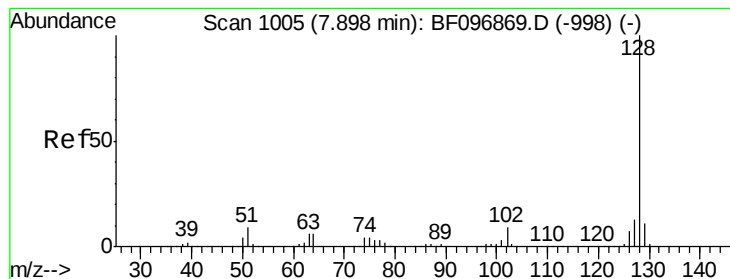
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	280235		
164	63.1	44.6	84.6	
98	35.5	14.8	54.8	



#30
 1,2,4-Trichlorobenzene
 Concen: 40.71 ng
 RT: 7.79 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	251317		
182	98.1	75.8	113.6	
145	35.1	25.3	37.9	





#31

Naphthalene

Concen: 42.62 ng

RT: 7.86 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

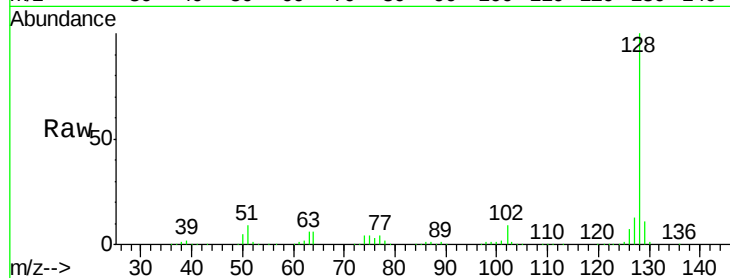
Tgt Ion:128 Resp: 948097

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

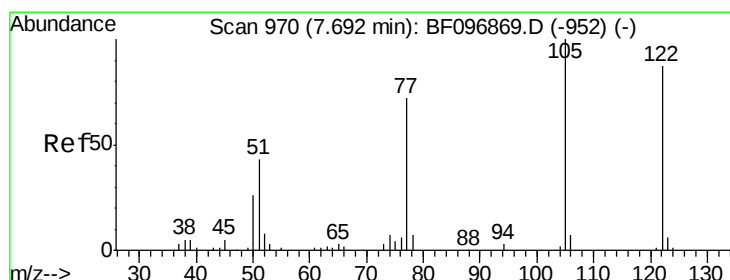
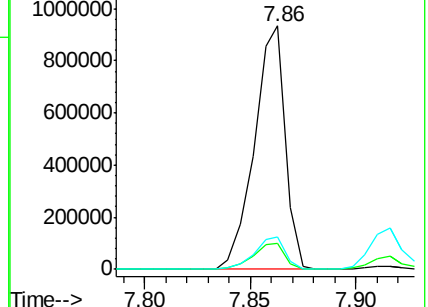
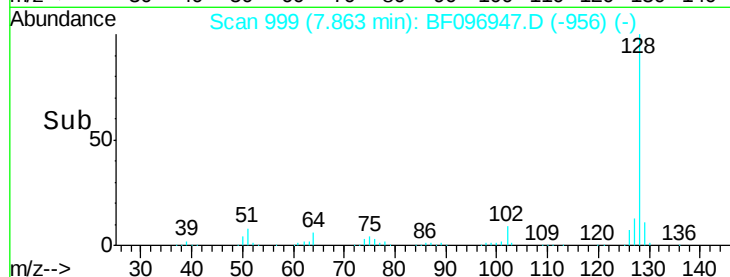
127 13.3 10.8 16.2



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: 43.07 ng

RT: 7.67 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

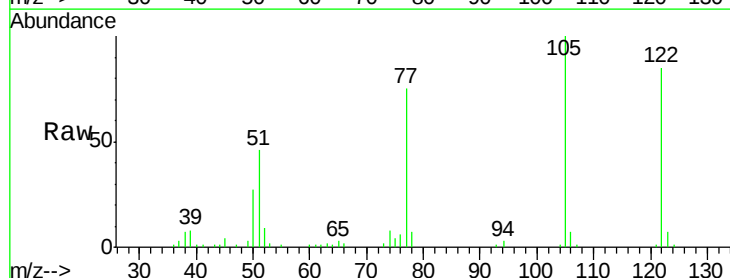
Tgt Ion:122 Resp: 197441

Ion Ratio Lower Upper

122 100

105 117.0 103.3 143.3

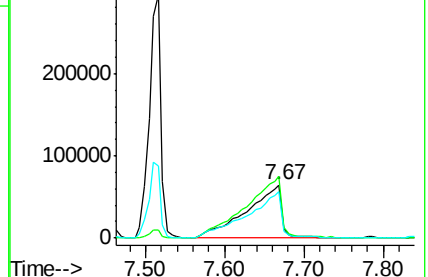
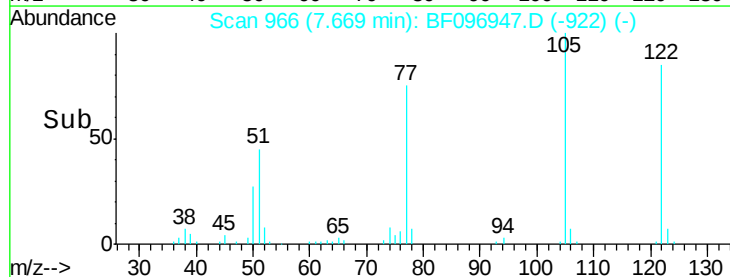
77 88.3 73.7 113.7

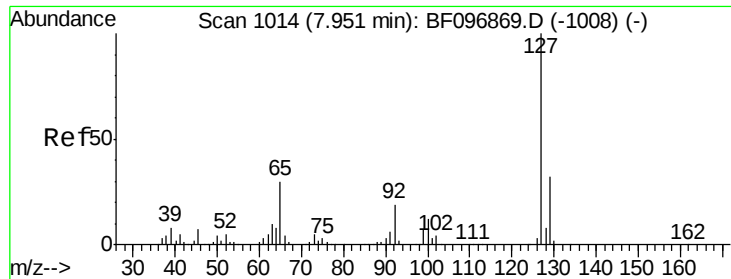


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

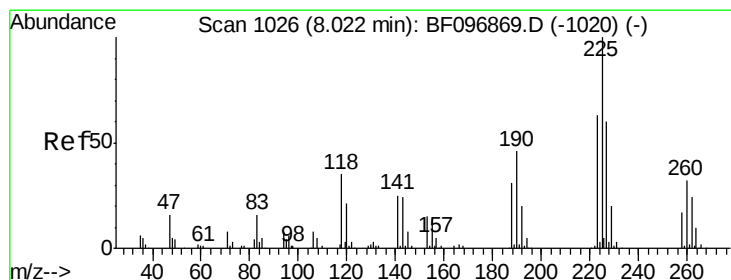
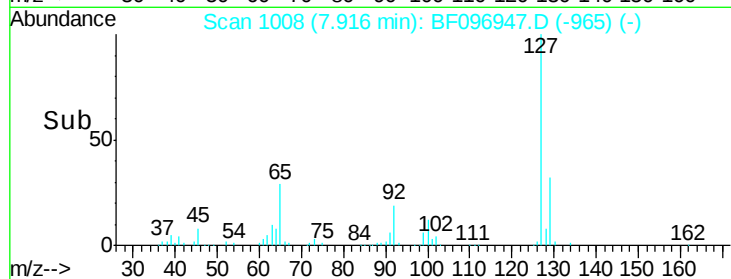
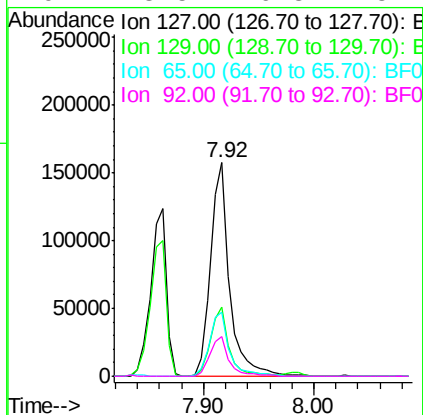
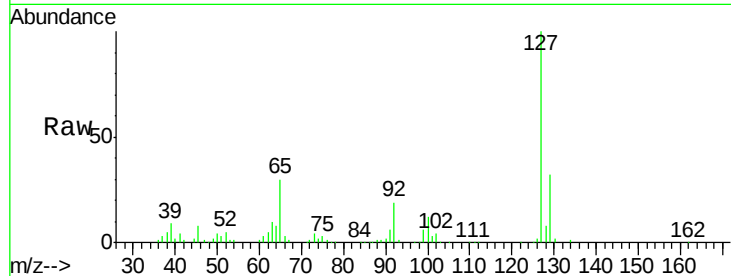




#33
4-Chloroaniline
Concen: 21.00 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

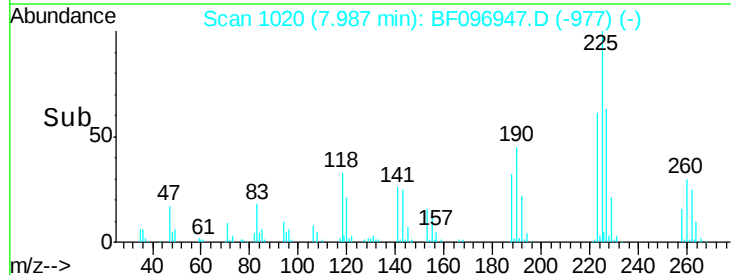
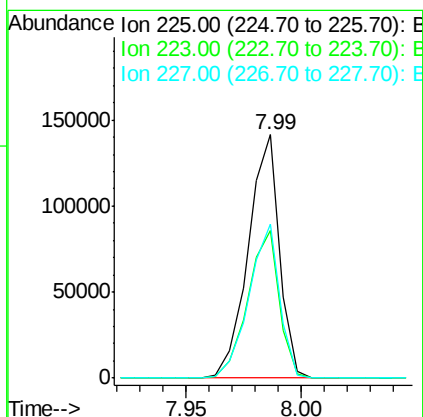
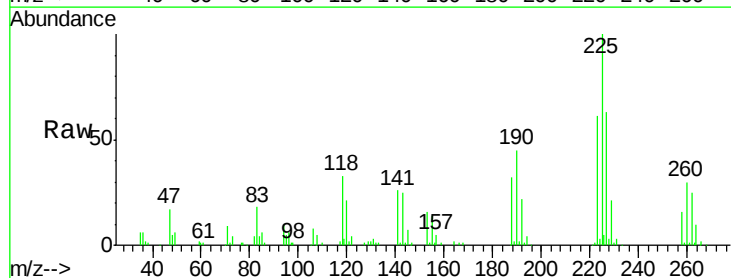
Instrument :
BNA_F
ClientSampleId :
PB100830BS

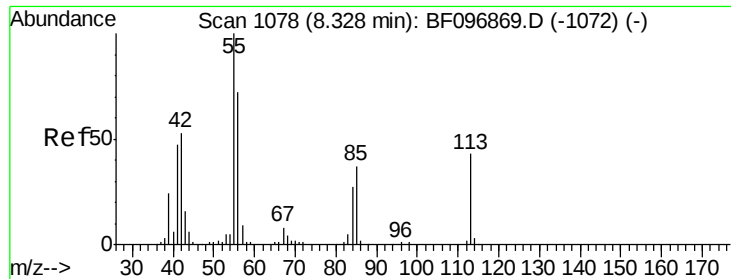
Tgt Ion:	127	Resp:	185088
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	30.0	27.8	41.8
92	18.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.48 ng
RT: 7.99 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:	225	Resp:	133403
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	63.2	51.1	76.7

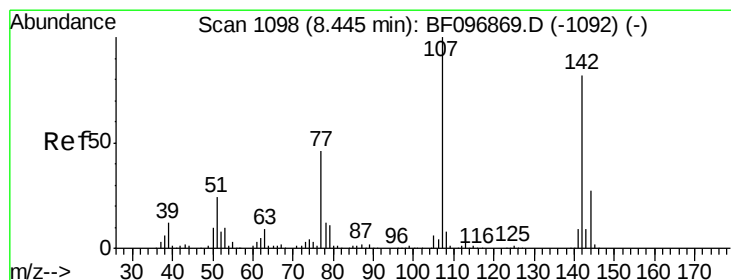
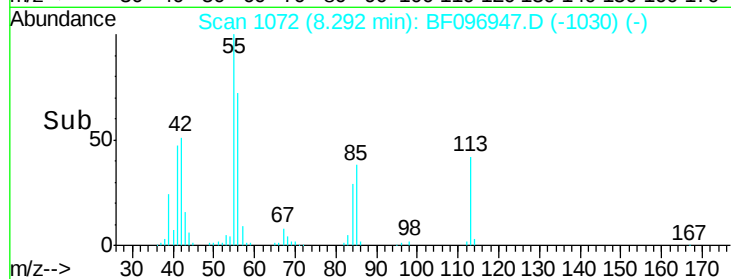
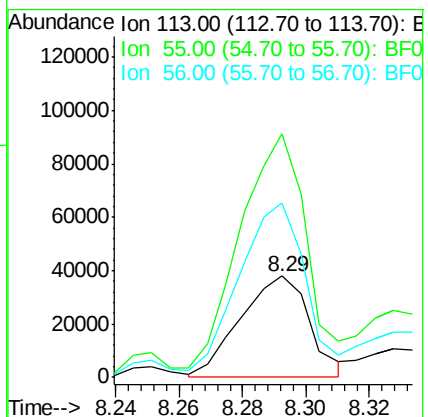
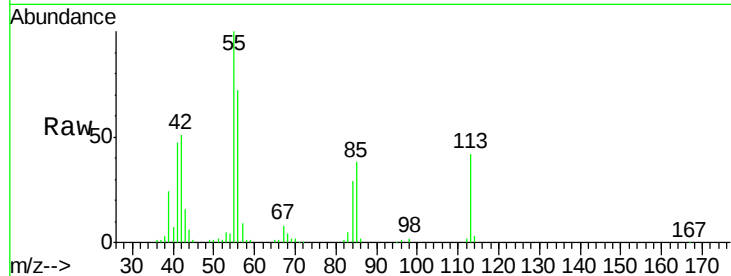




#35
Caprolactam
Concen: 27.50 ng
RT: 8.29 min Scan# 1072
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

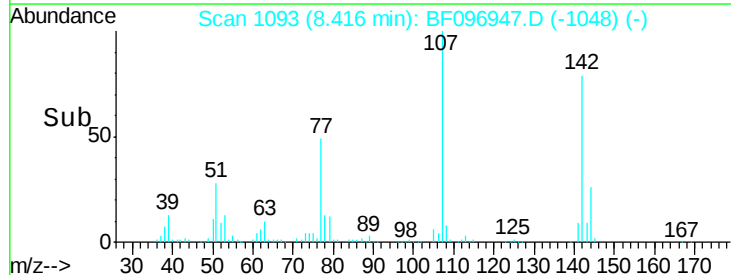
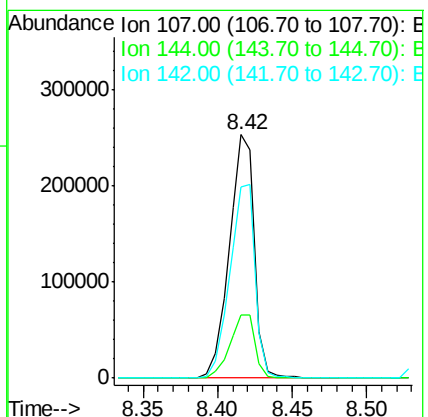
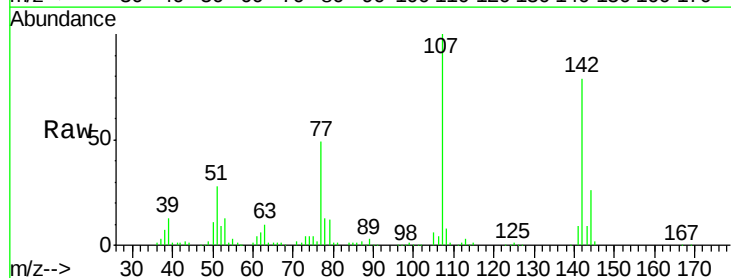
Instrument :
BNA_F
ClientSampleId :
PB100830BS

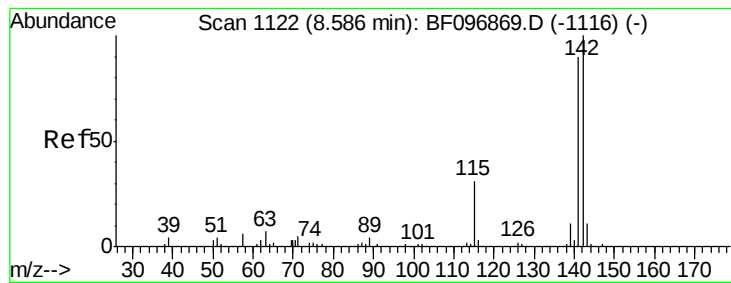
Tgt Ion:113 Resp: 57211
Ion Ratio Lower Upper
113 100
55 240.0 150.2 190.2#
56 172.3 107.8 147.8#



#36
4-Chloro-3-methylphenol
Concen: 42.83 ng
RT: 8.42 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:107 Resp: 298987
Ion Ratio Lower Upper
107 100
144 25.7 24.2 36.4
142 78.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.59 ng

RT: 8.55 min Scan# 1116

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

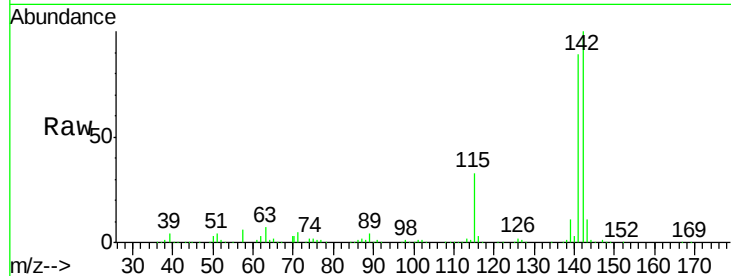
Tgt Ion:142 Resp: 646515

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

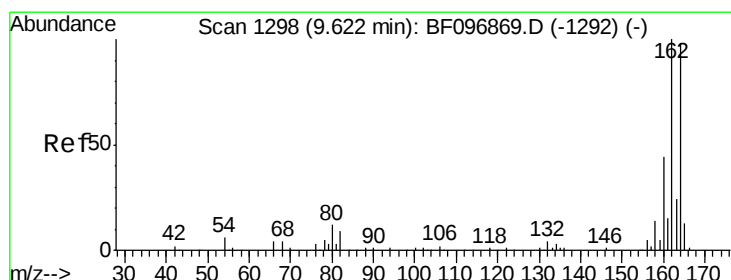
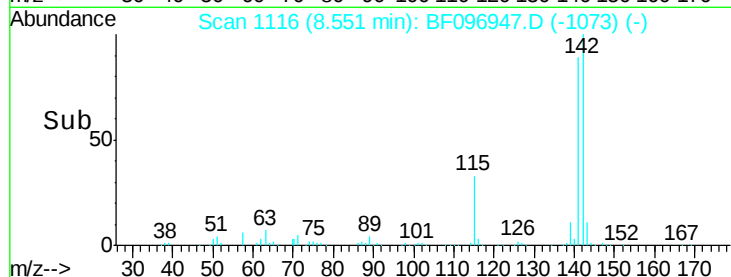
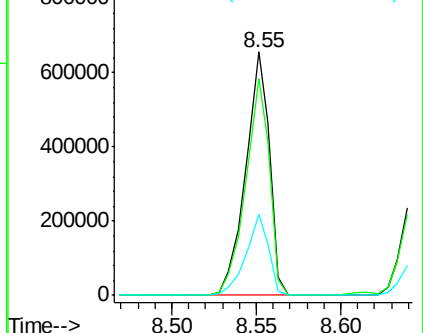
115 33.1 27.1 40.7



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: 20.00 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

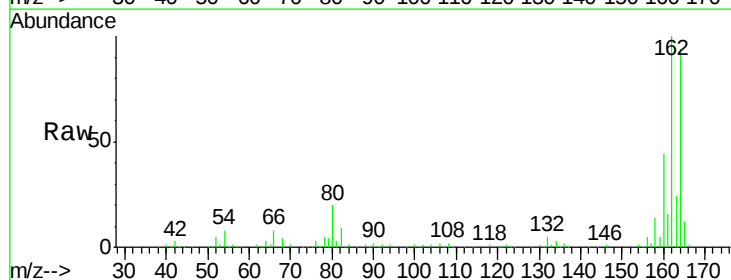
Tgt Ion:164 Resp: 198285

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

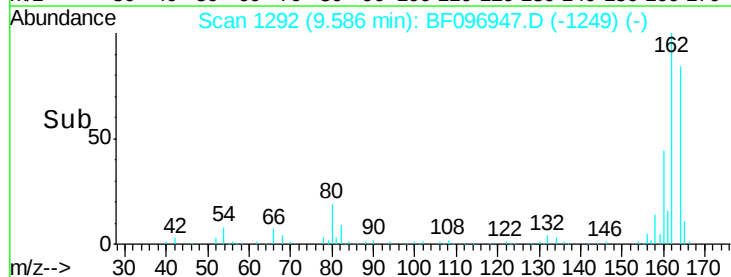
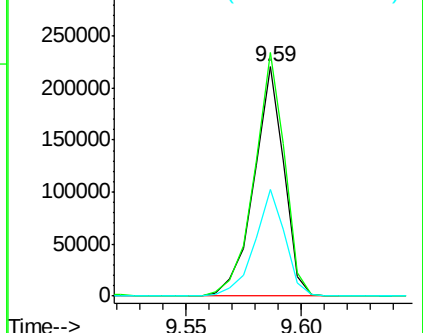
160 46.7 36.2 54.2

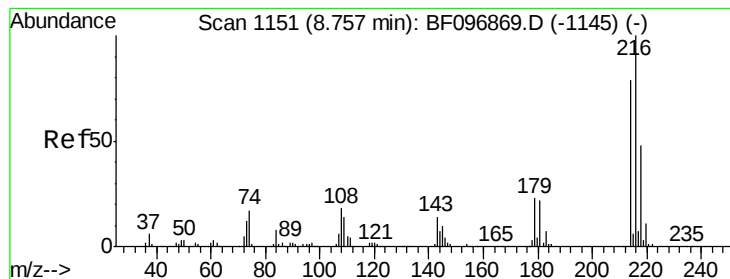


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.67 ng

RT: 8.72 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

Tgt Ion:216 Resp: 228703

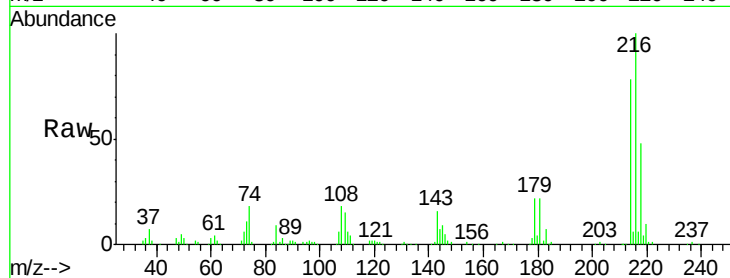
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.7 17.9 26.9

108 20.9 16.5 24.7

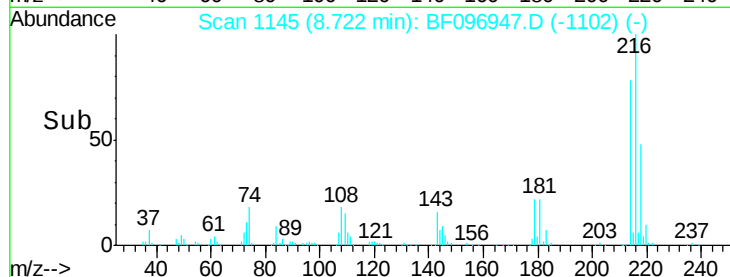


Abundance Ion 216.00 (215.70 to 216.70): E

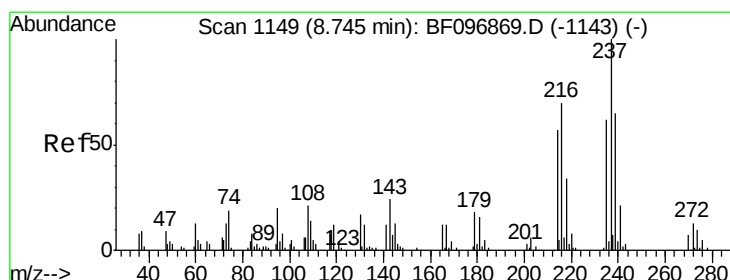
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 46.45 ng

RT: 8.71 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

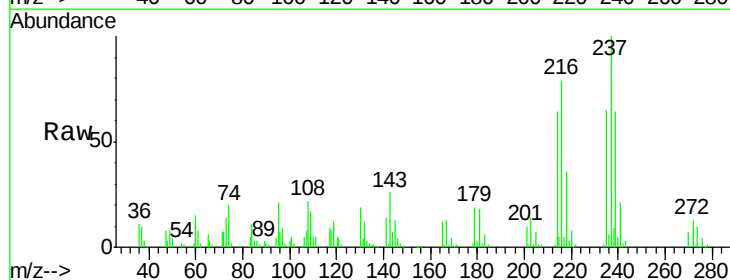
Tgt Ion:237 Resp: 89153

Ion Ratio Lower Upper

237 100

235 65.2 42.6 82.6

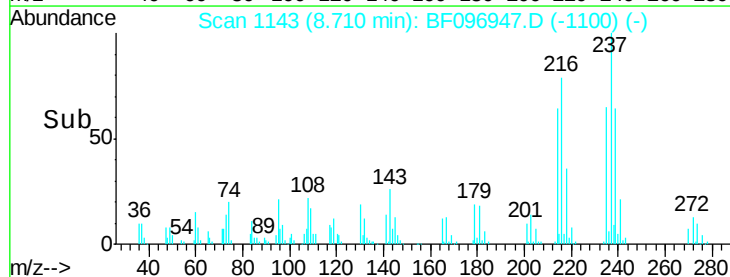
272 13.0 0.0 31.9



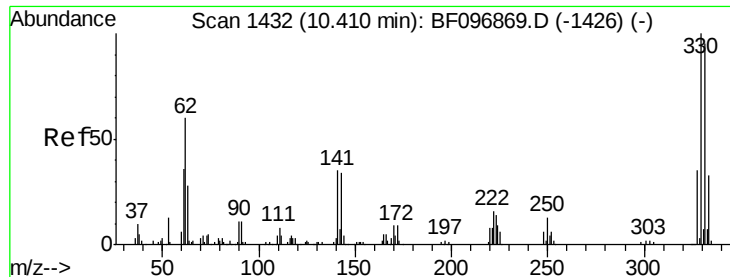
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



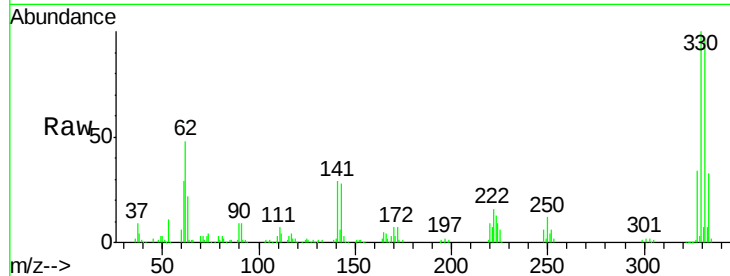
Time-->



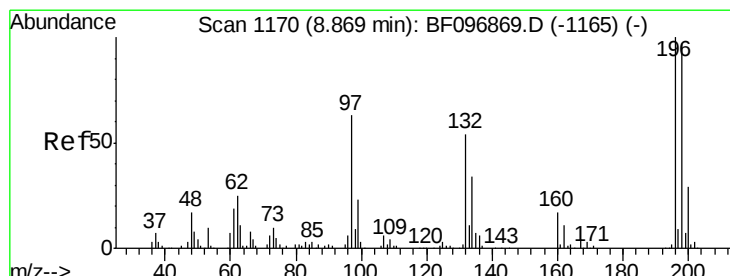
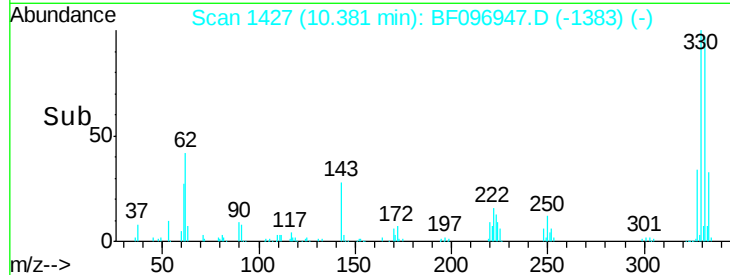
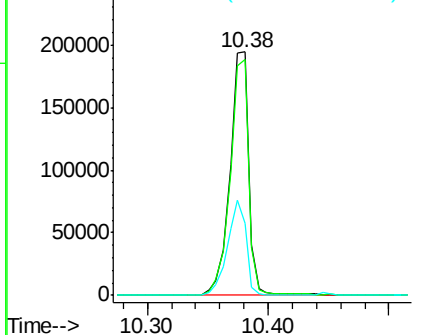
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 10.38 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

Tgt Ion:	330	Resp:	213431
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.2	31.4	47.2

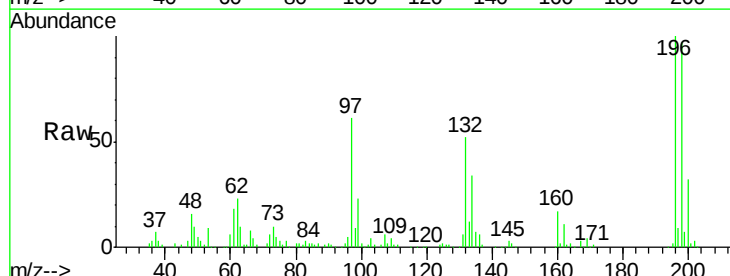


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

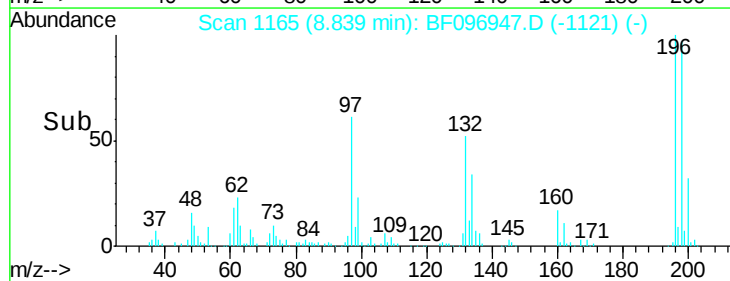
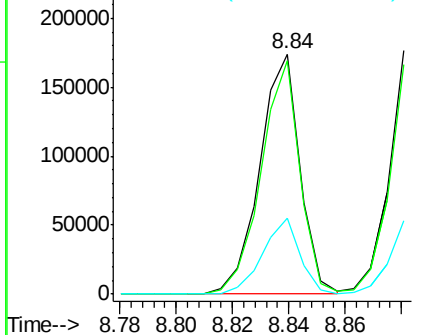


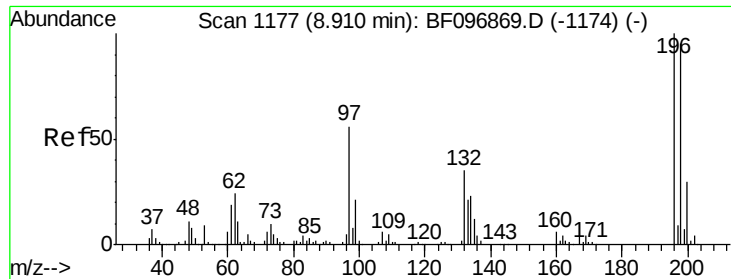
#42
 2,4,6-Trichlorophenol
 Concen: 43.32 ng
 RT: 8.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:	196	Resp:	171288
Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.2	111.4
200	31.5	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

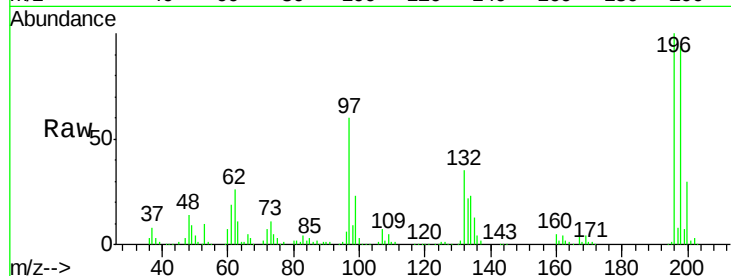




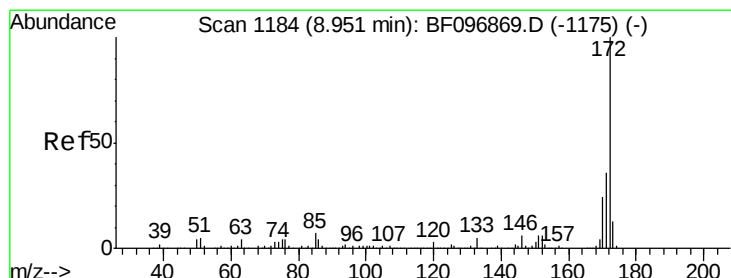
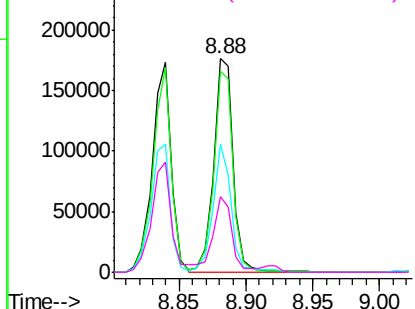
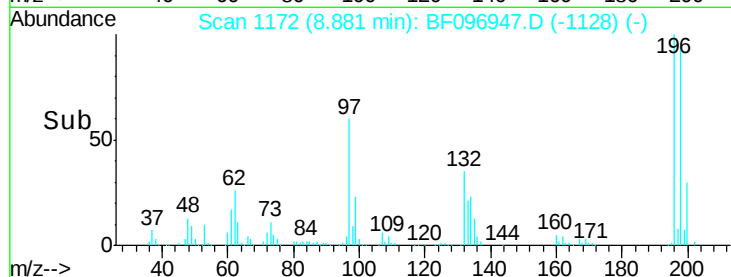
#43
 2,4,5-Trichlorophenol
 Concen: 45.41 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	60.2	47.7	71.5
132	35.1	28.0	42.0

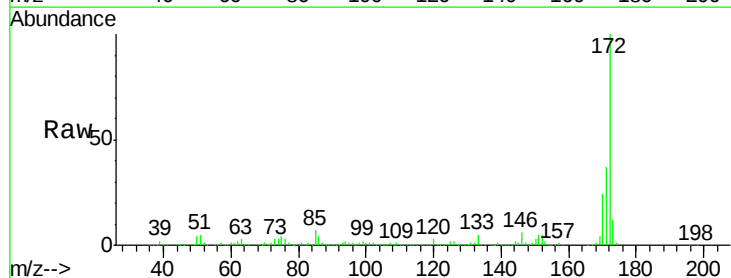


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

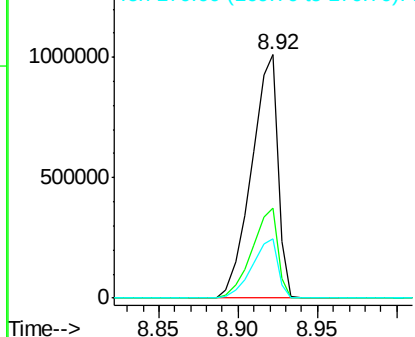
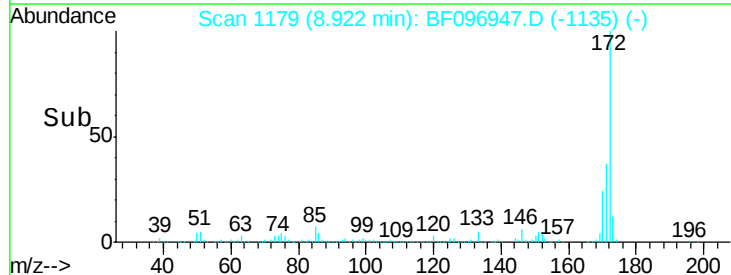


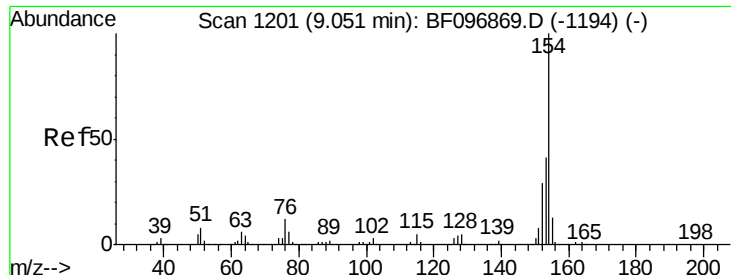
#44
 2-Fluorobiphenyl
 Concen: 93.43 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8



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

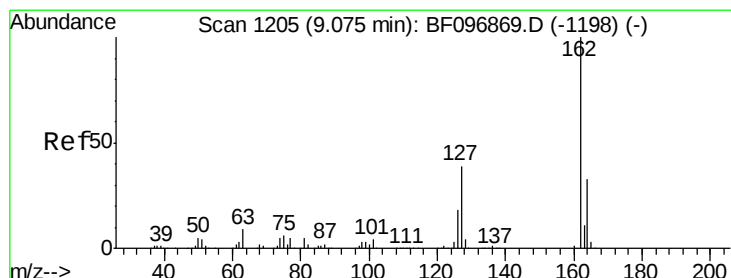
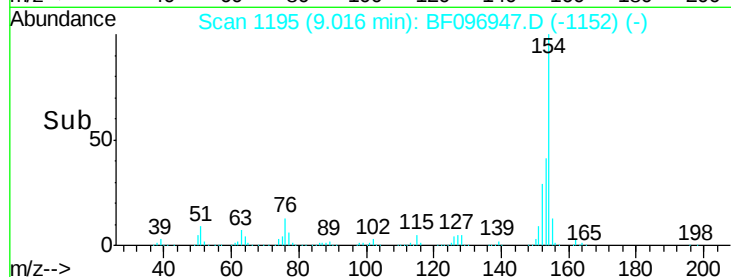
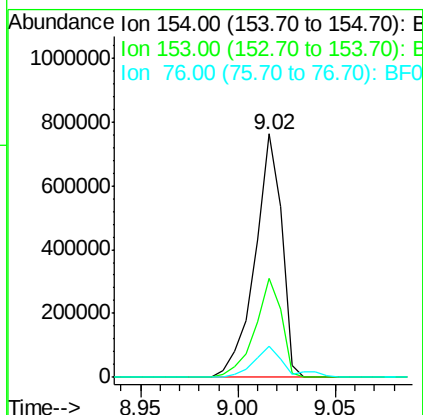
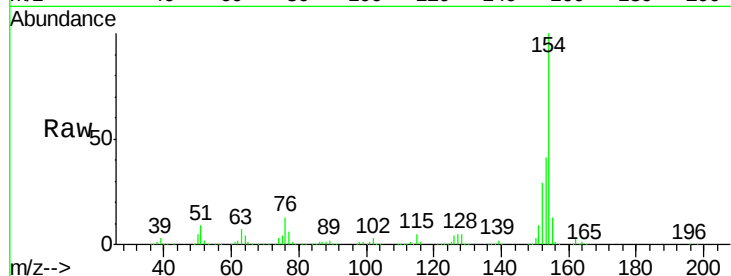




#45
 1,1'-Biphenyl
 Concen: 42.45 ng
 RT: 9.02 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

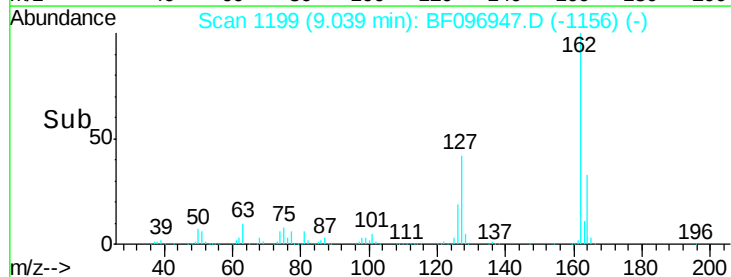
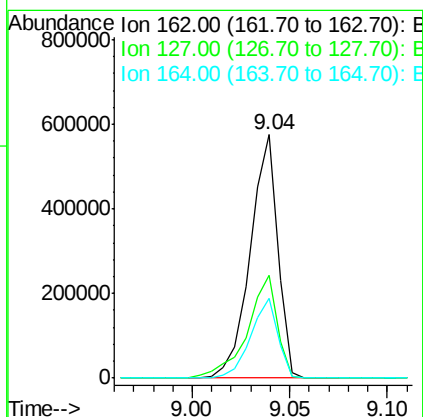
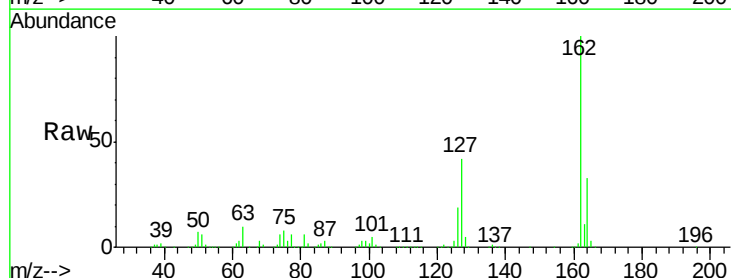
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

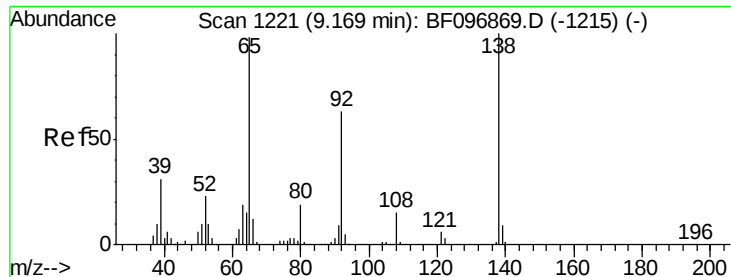
Tgt Ion:154 Resp: 721903
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 12.9 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 44.83 ng
 RT: 9.04 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:162 Resp: 561432
 Ion Ratio Lower Upper
 162 100
 127 42.1 28.3 42.5
 164 32.9 27.0 40.4

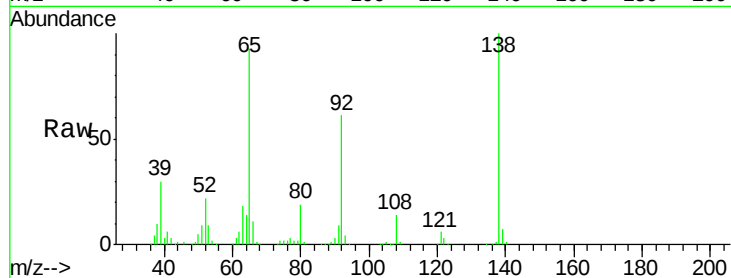




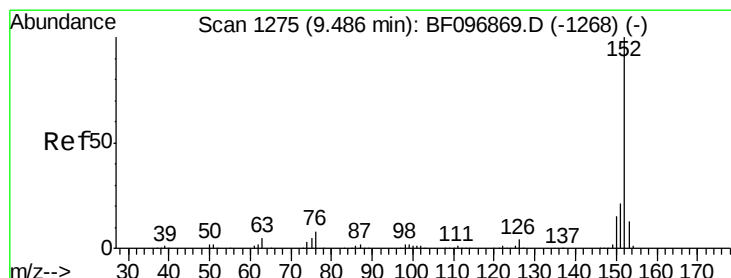
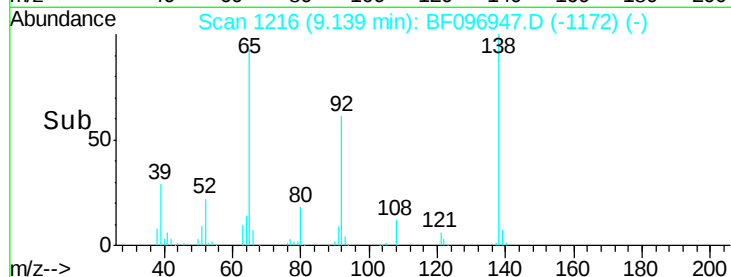
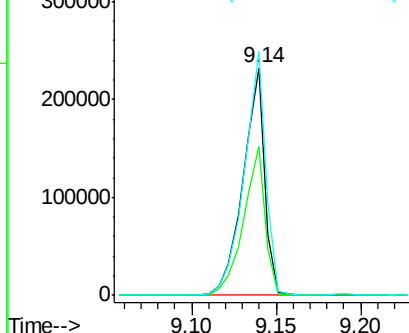
#47
2-Nitroaniline
Concen: 48.31 ng
RT: 9.14 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB100830BS

Tgt Ion: 65 Resp: 207930
Ion Ratio Lower Upper
65 100
92 65.3 53.9 80.9
138 107.0 78.8 118.2

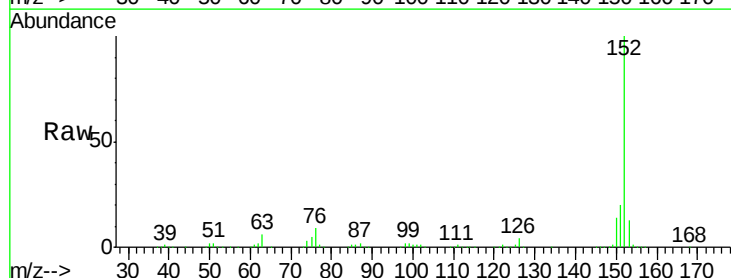


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

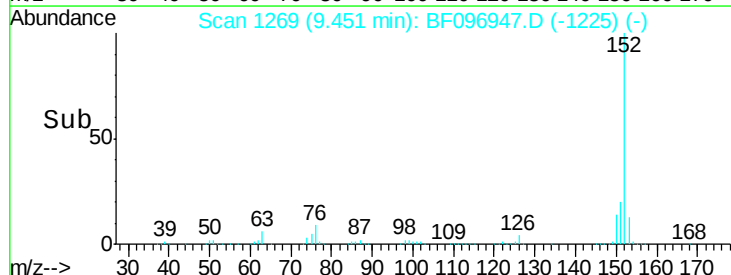
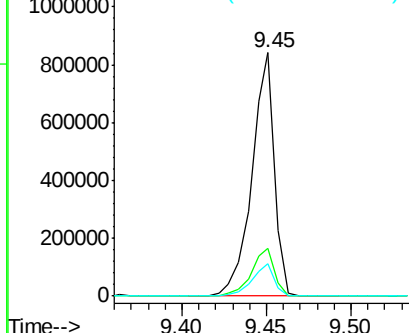


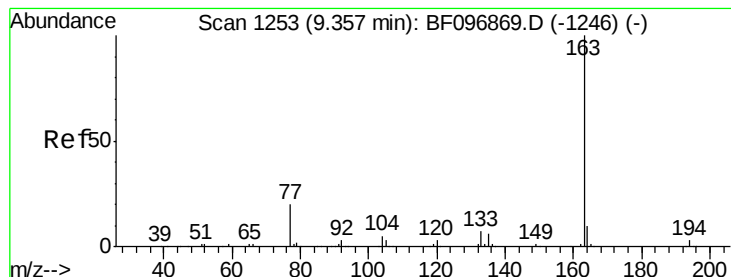
#48
Acenaphthylene
Concen: 39.27 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion: 152 Resp: 783490
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.3 10.8 16.2



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: 46.97 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

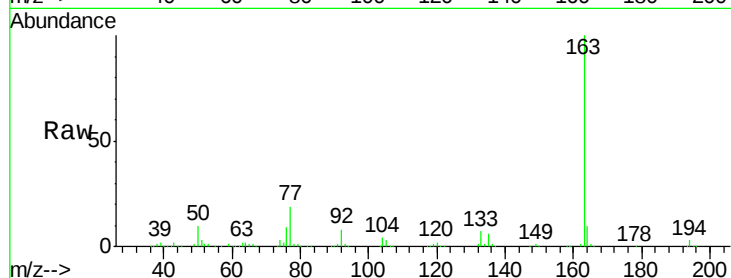
Tgt Ion:163 Resp: 701213

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

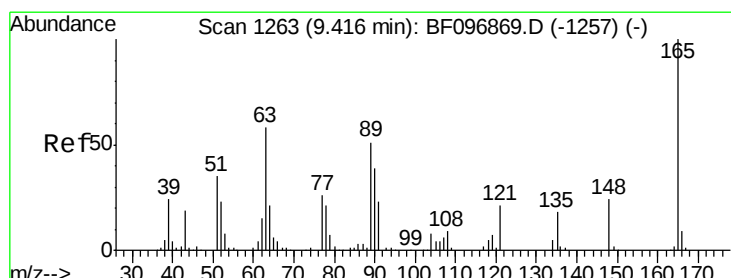
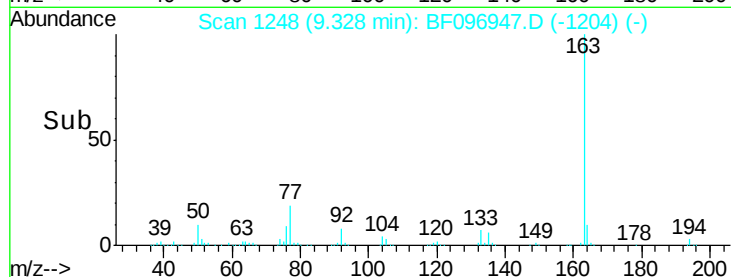
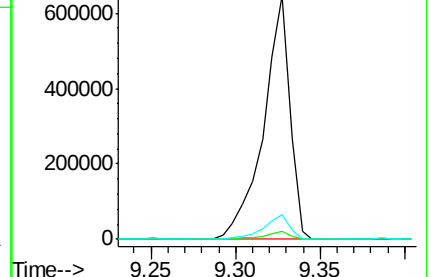
164 10.0 8.4 12.6



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: 46.20 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

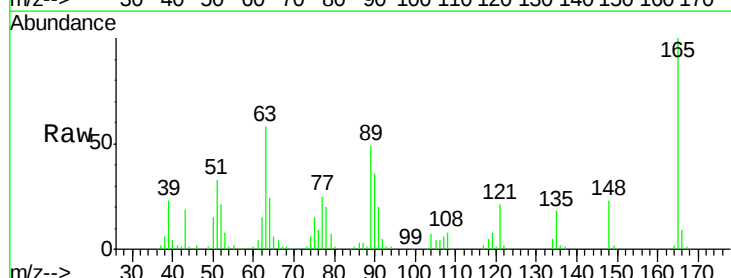
Tgt Ion:165 Resp: 149391

Ion Ratio Lower Upper

165 100

63 57.5 34.3 51.5#

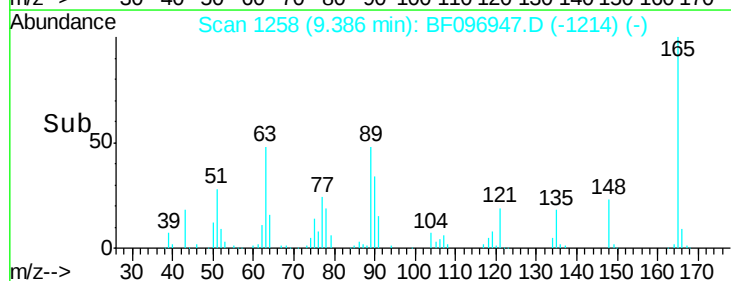
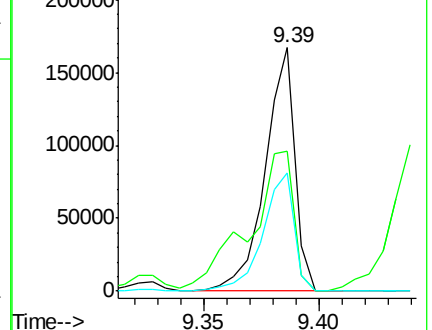
89 48.5 37.1 55.7

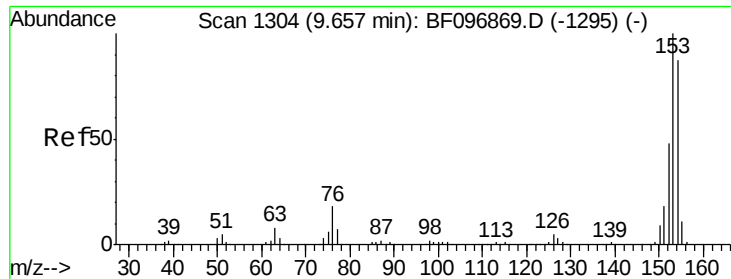


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.25 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

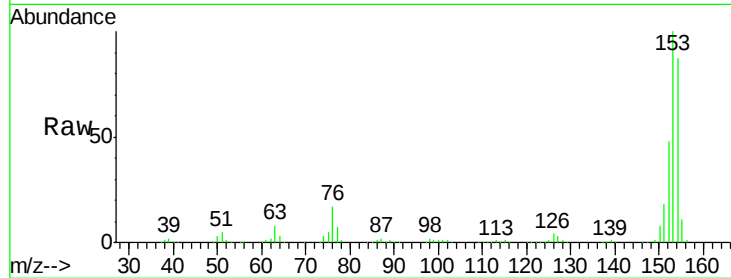
Tgt Ion:154 Resp: 498028

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

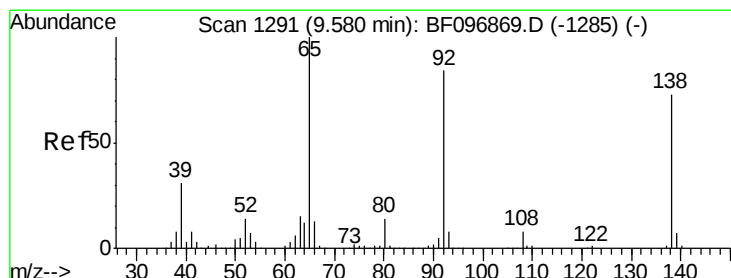
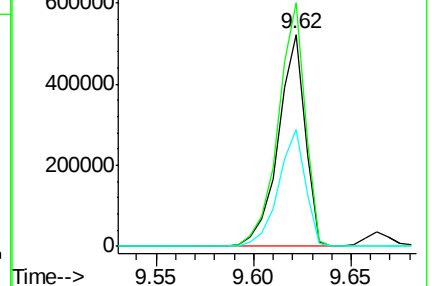
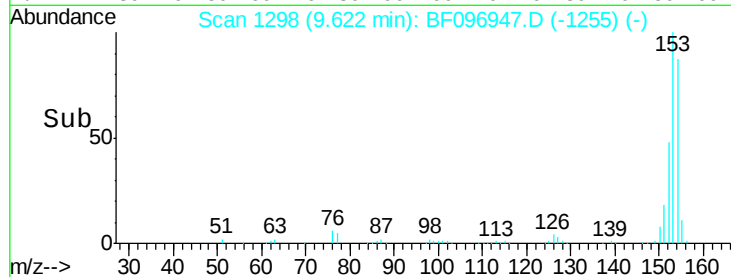
152 55.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.43 ng

RT: 9.55 min Scan# 1285

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

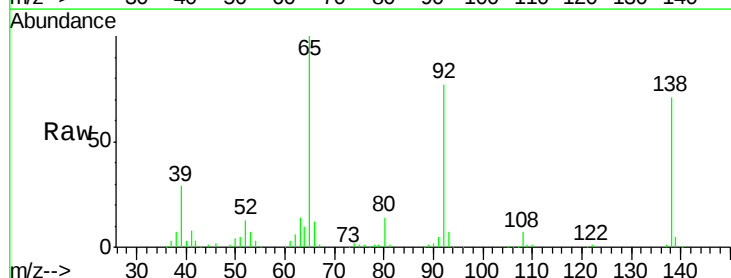
Tgt Ion:138 Resp: 105079

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

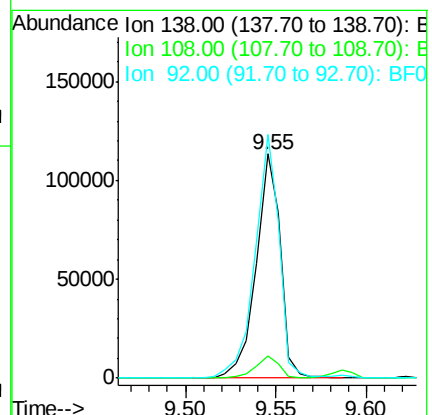
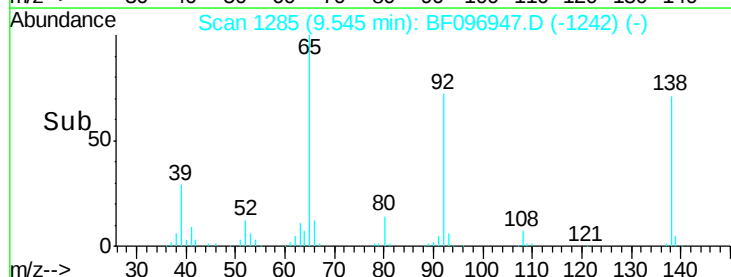
92 108.8 93.8 140.6

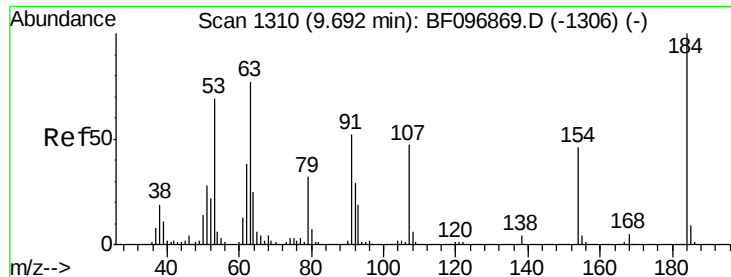


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

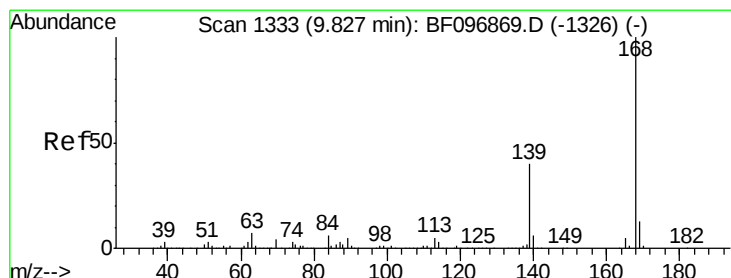
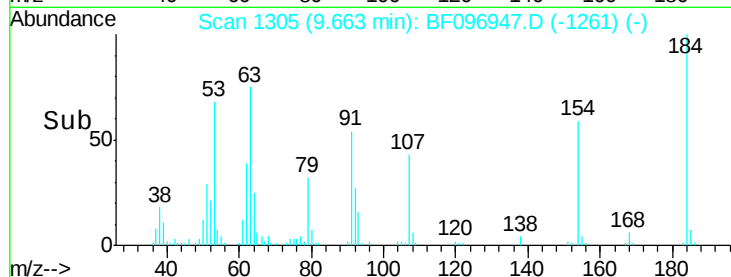
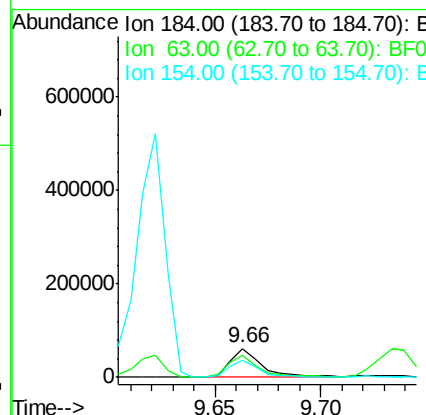
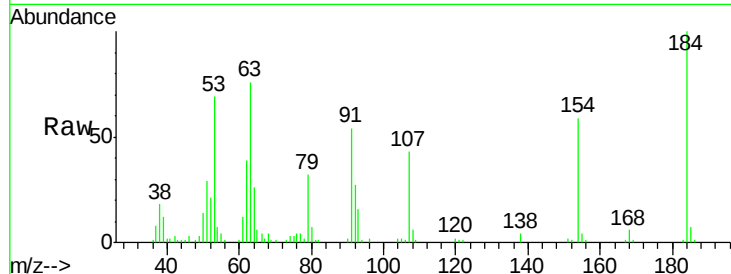




#53
 2,4-Dinitrophenol
 Concen: 42.60 ng
 RT: 9.66 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

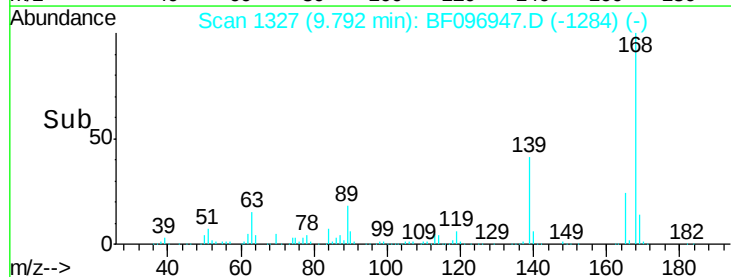
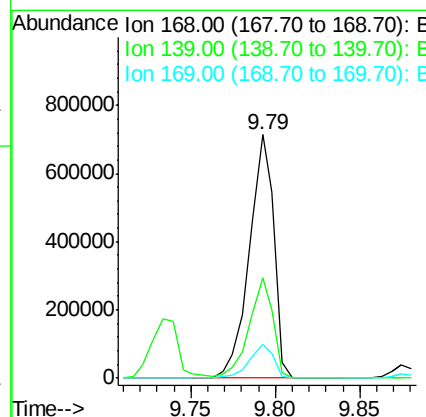
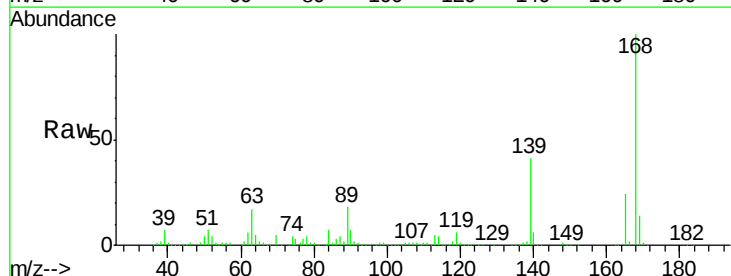
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

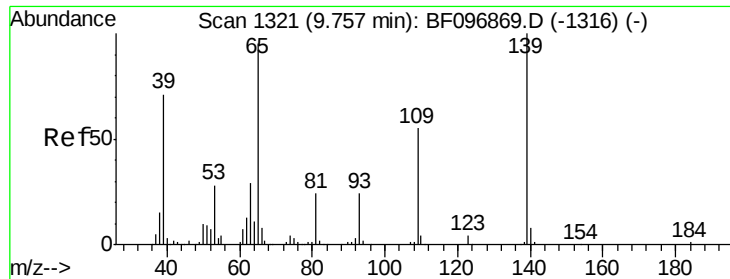
Tgt Ion:184 Resp: 62696
 Ion Ratio Lower Upper
 184 100
 63 76.4 62.7 94.1
 154 58.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.84 ng
 RT: 9.79 min Scan# 1327
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:168 Resp: 724078
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 13.6 10.8 16.2

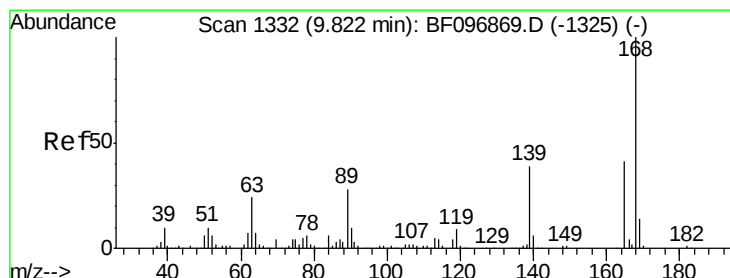
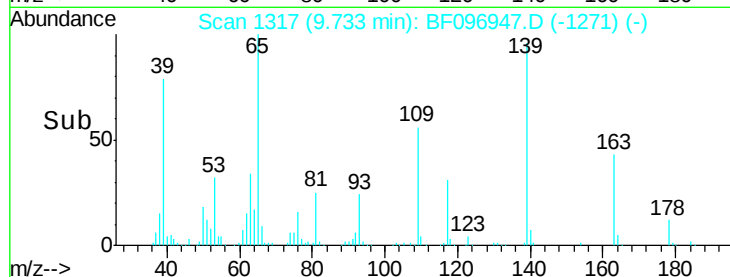
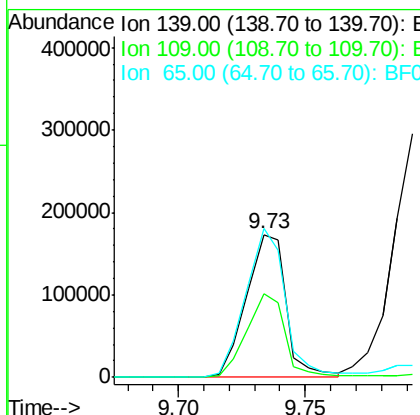
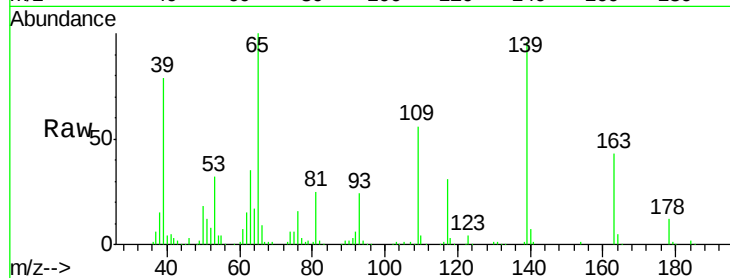




#55
4-Nitrophenol
Concen: 67.77 ng
RT: 9.73 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

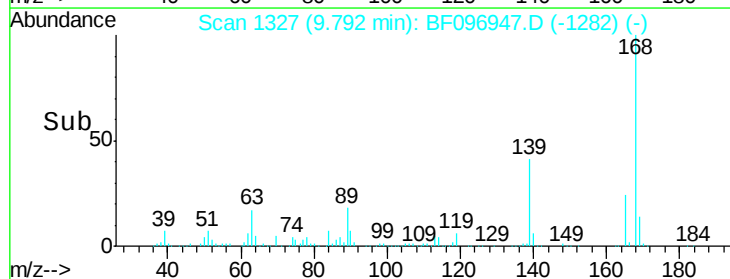
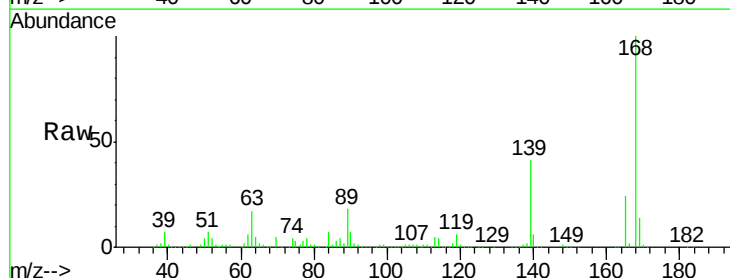
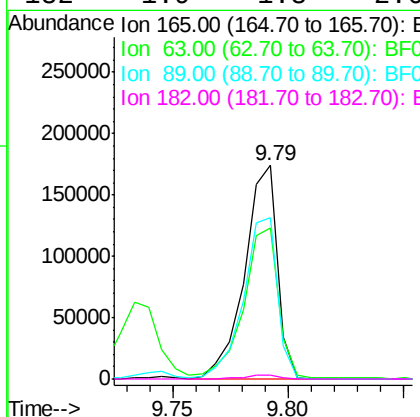
Instrument :
BNA_F
ClientSampleId :
PB100830BS

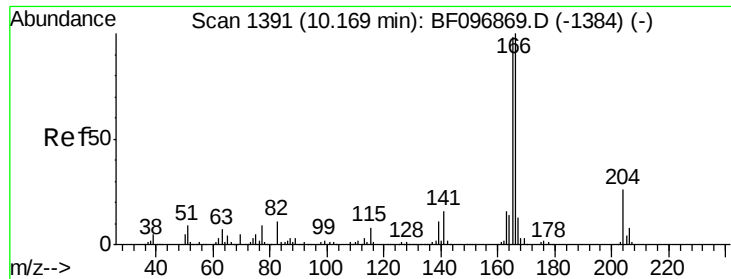
Tgt Ion:139 Resp: 189690
Ion Ratio Lower Upper
139 100
109 58.5 34.1 74.1
65 104.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.68 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:165 Resp: 173214
Ion Ratio Lower Upper
165 100
63 70.9 25.4 38.0#
89 75.7 46.4 69.6#
182 1.9 1.8 2.6

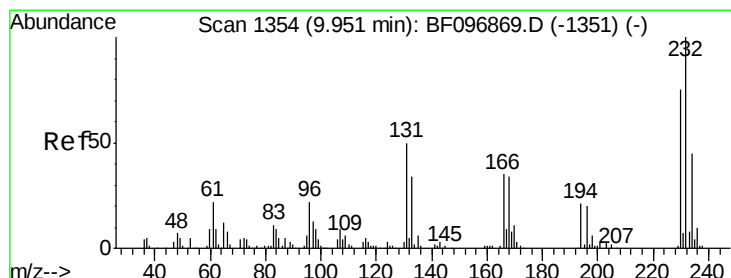
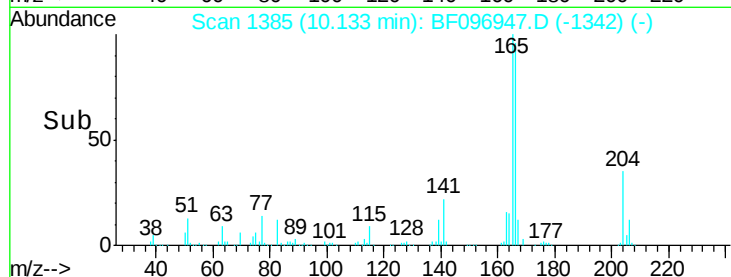
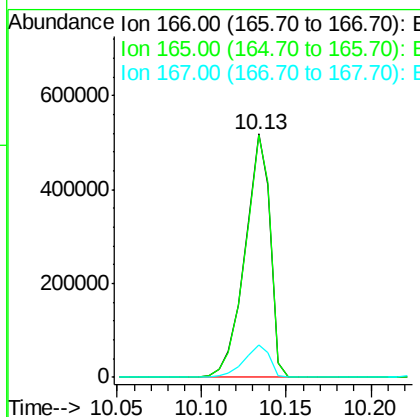
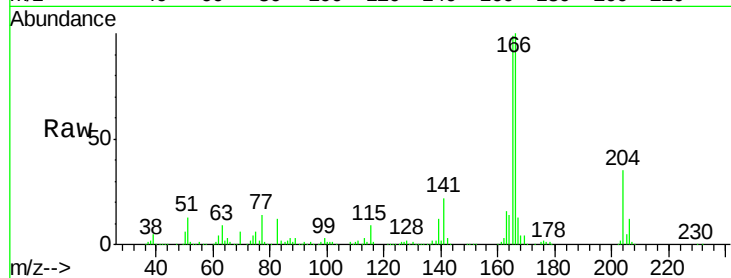




#57
Fluorene
 Concen: 44.12 ng
 RT: 10.13 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

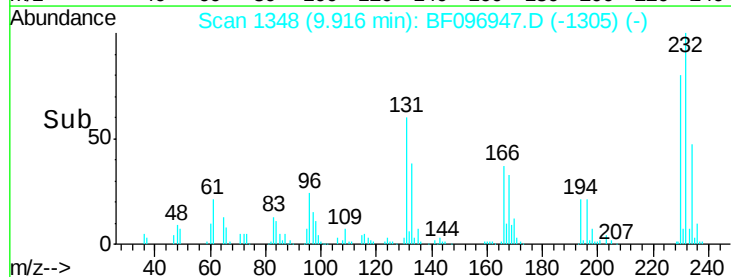
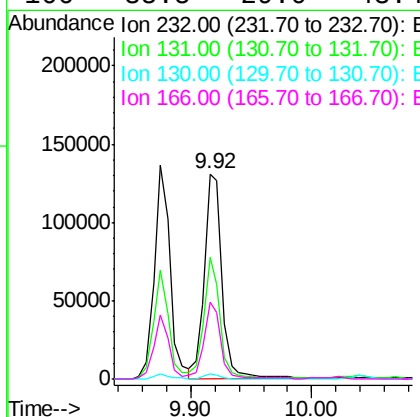
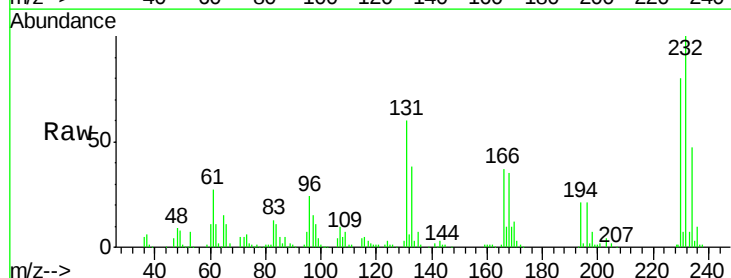
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

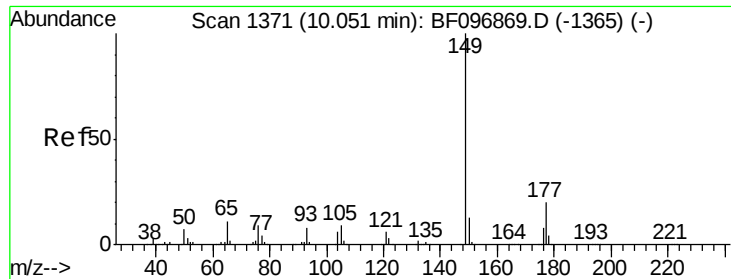
Tgt Ion:166 Resp: 538464
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.96 ng
 RT: 9.92 min Scan# 1348
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:232 Resp: 132644
 Ion Ratio Lower Upper
 232 100
 131 53.8 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.5 29.0 43.4

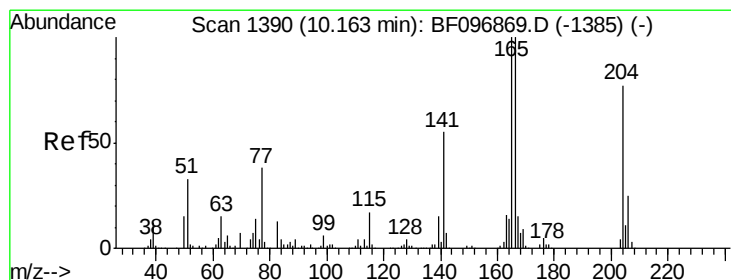
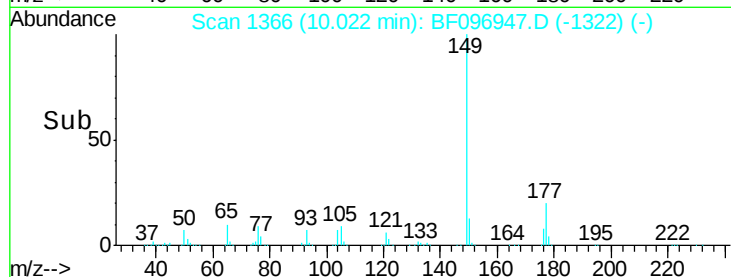
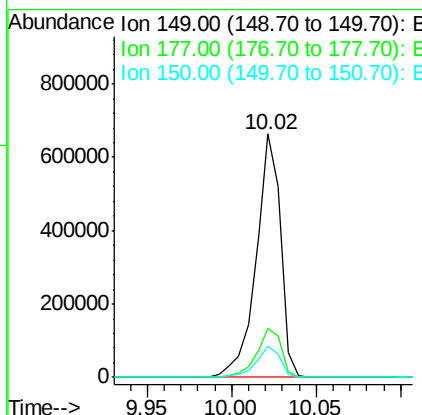
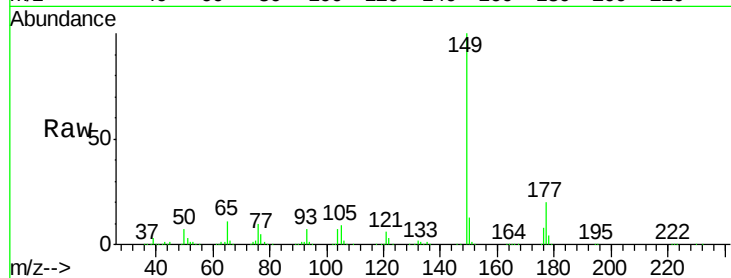




#59
Diethylphthalate
Concen: 45.74 ng
RT: 10.02 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

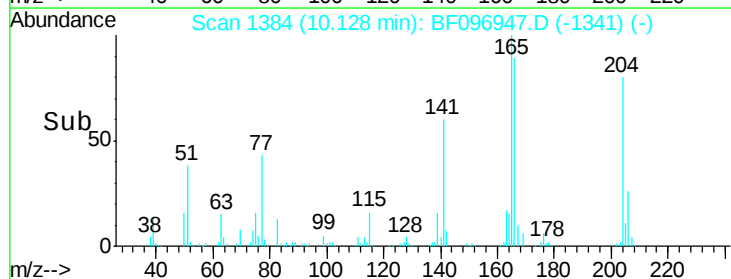
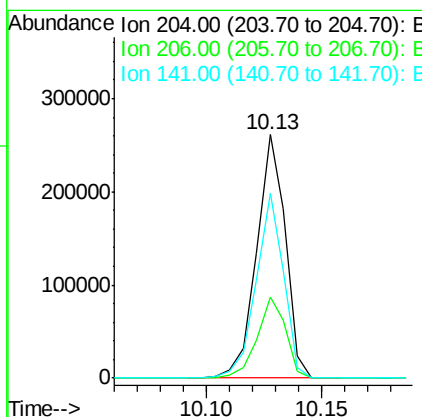
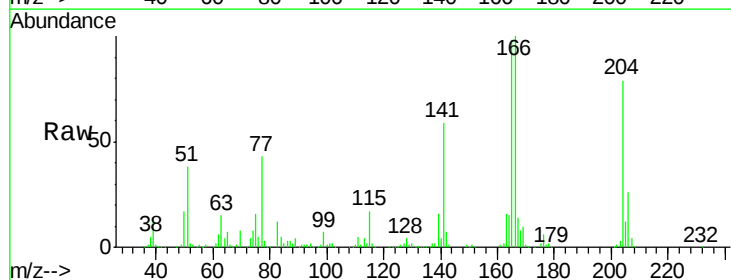
Instrument :
BNA_F
ClientSampleId :
PB100830BS

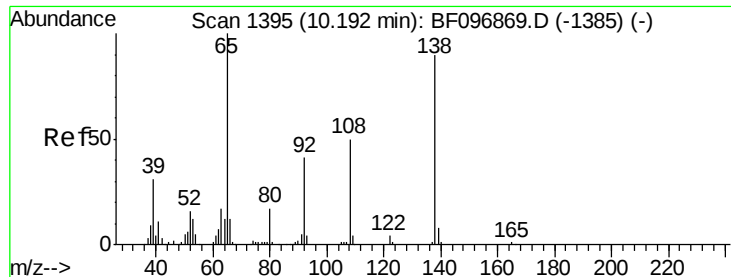
Tgt Ion:149 Resp: 664799
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.95 ng
RT: 10.13 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:204 Resp: 227272
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 75.6 60.8 91.2

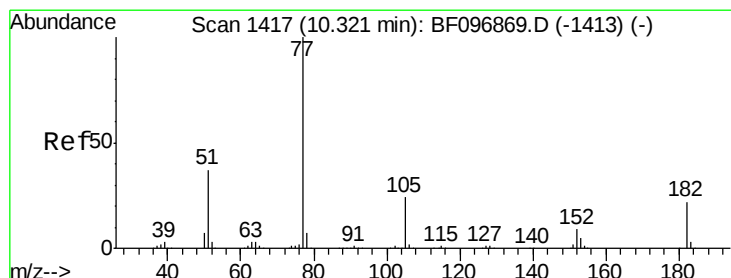
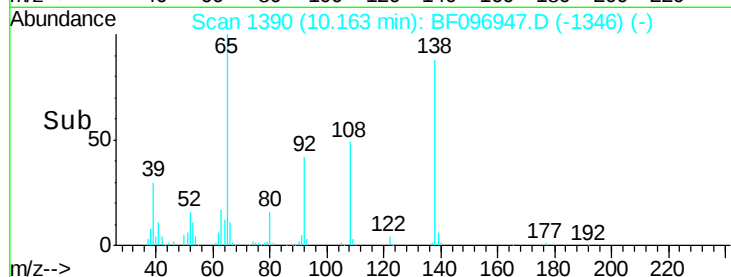
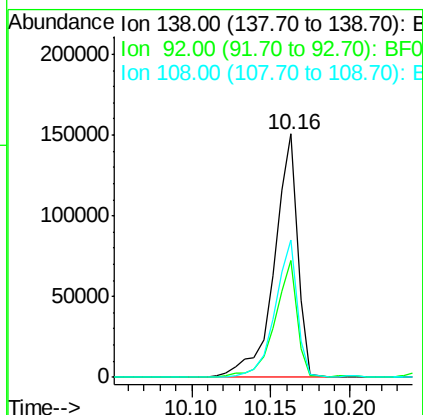
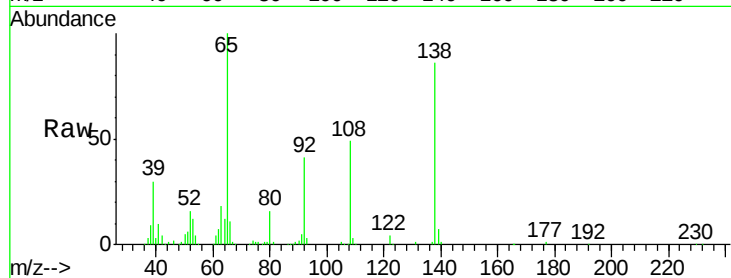




#61
4-Nitroaniline
Concen: 43.05 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

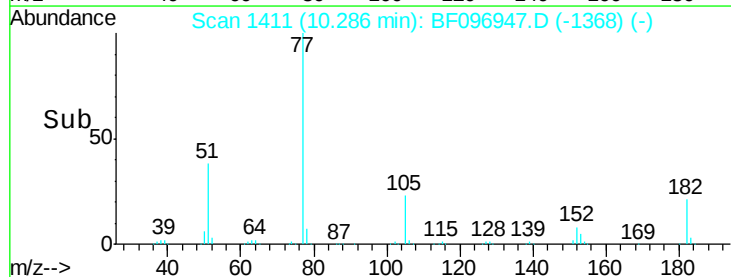
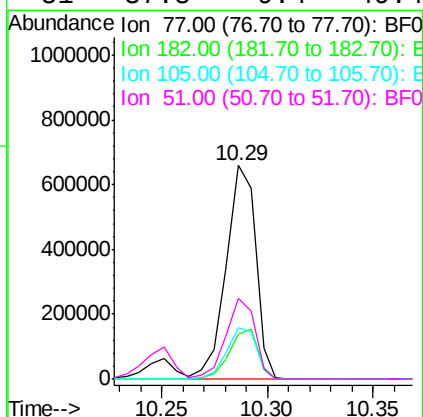
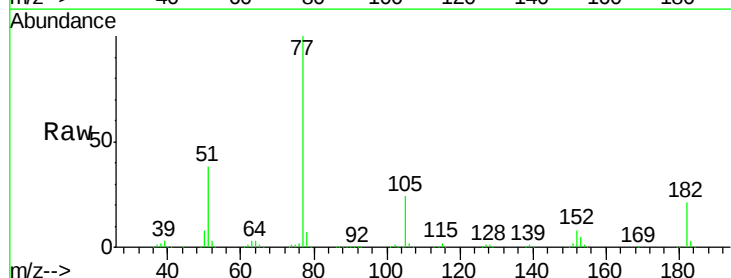
Instrument :
BNA_F
ClientSampleId :
PB100830BS

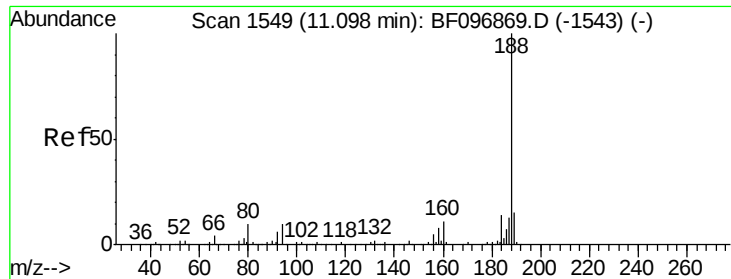
Tgt Ion: 138 Resp: 154881
Ion Ratio Lower Upper
138 100
92 47.9 21.8 61.8
108 56.4 42.3 82.3



#62
Azobenzene
Concen: 49.62 ng
RT: 10.29 min Scan# 1411
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion: 77 Resp: 636246
Ion Ratio Lower Upper
77 100
182 20.7 0.1 40.1
105 23.9 3.6 43.6
51 37.8 9.4 49.4

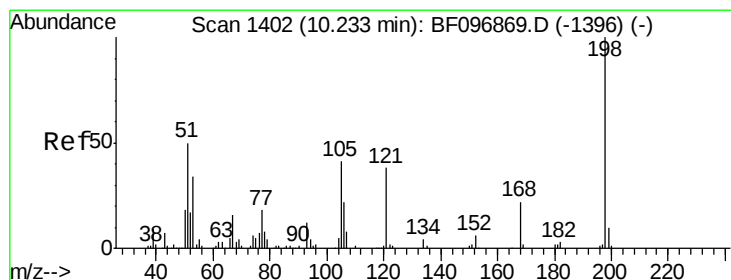
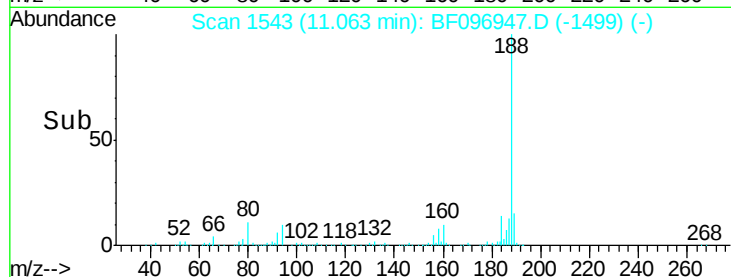
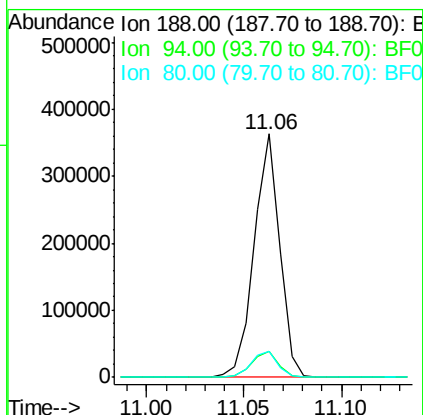
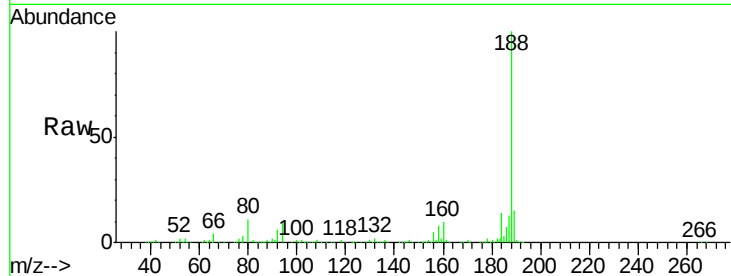




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

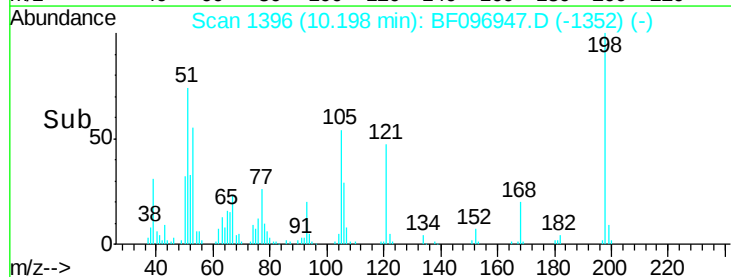
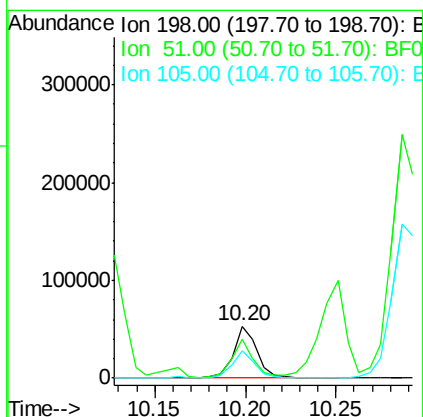
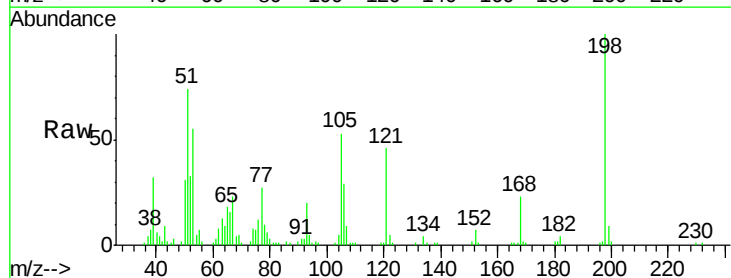
Instrument :
BNA_F
ClientSampleId :
PB100830BS

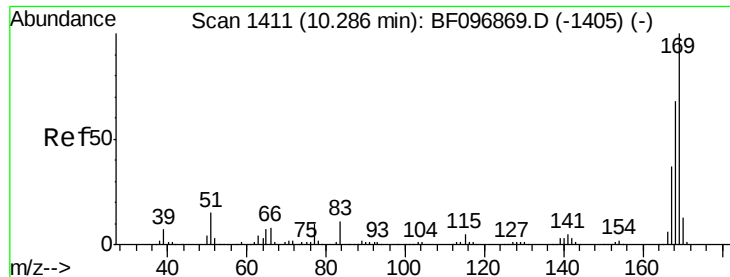
Tgt Ion:188 Resp: 329344
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 23.11 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:198 Resp: 47787
Ion Ratio Lower Upper
198 100
51 73.9 53.2 93.2
105 53.1 45.8 85.8

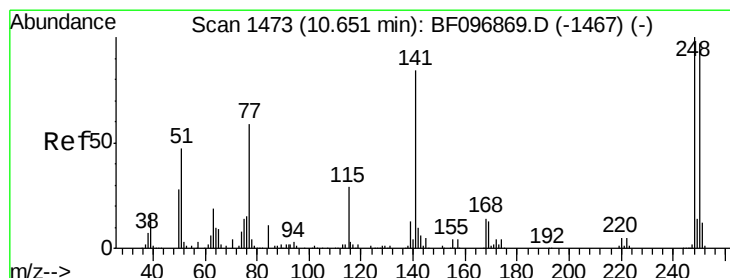
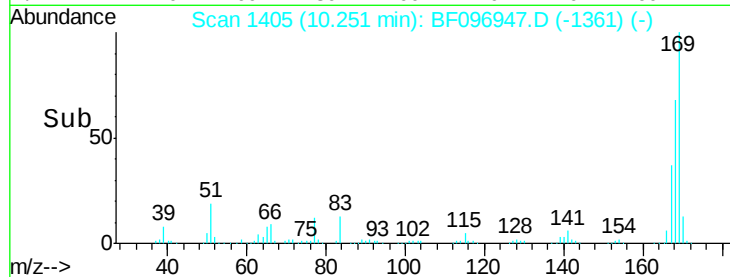
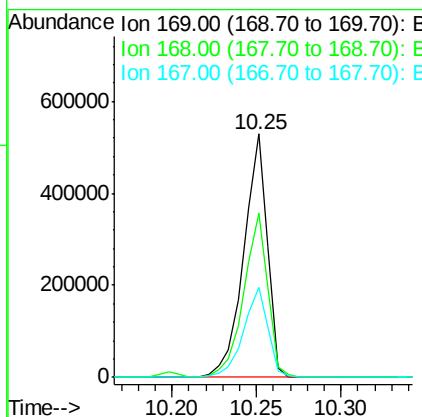
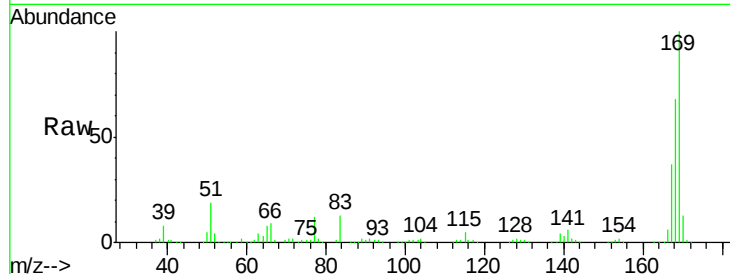




#65
n-Nitrosodiphenylamine
Concen: 43.96 ng
RT: 10.25 min Scan# 1405
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

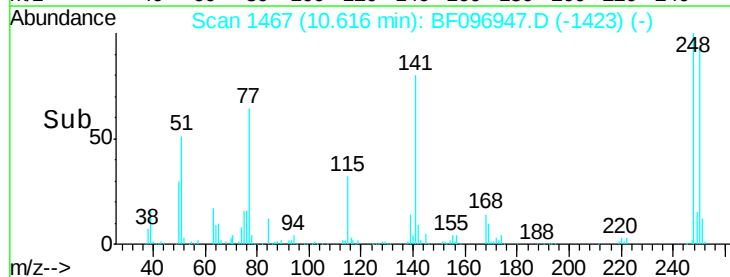
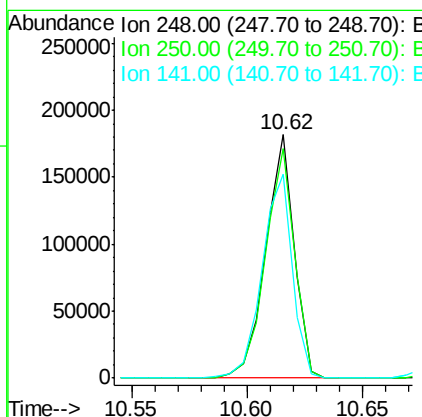
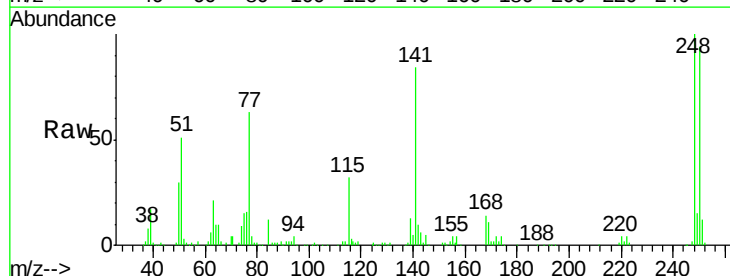
Instrument :
BNA_F
ClientSampleId :
PB100830BS

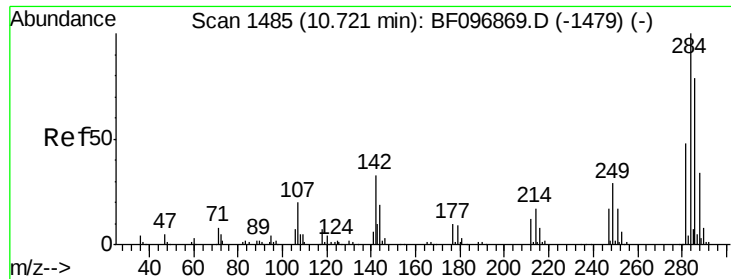
Tgt Ion:169 Resp: 517567
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 37.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 46.53 ng
RT: 10.62 min Scan# 1467
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:248 Resp: 156446
Ion Ratio Lower Upper
248 100
250 94.1 76.8 115.2
141 83.6 68.6 103.0

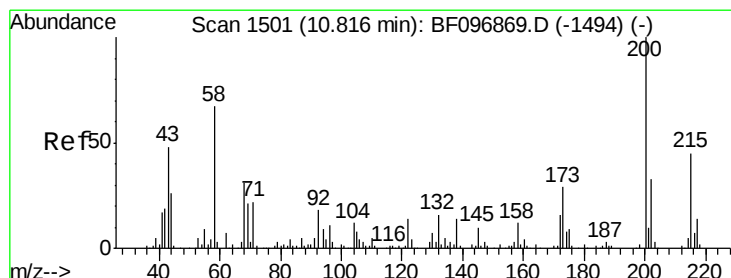
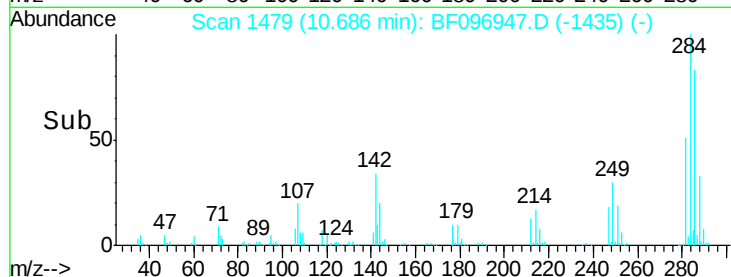
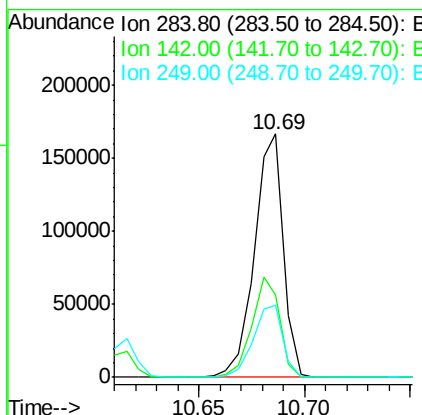
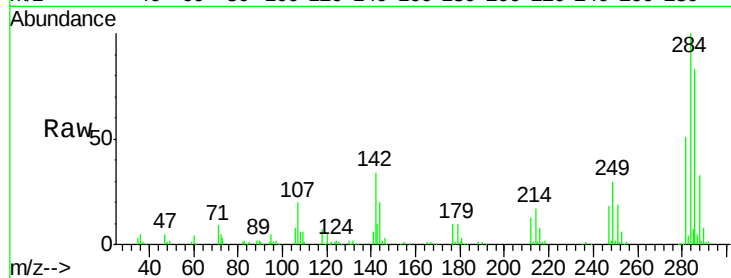




#67
Hexachlorobenzene
Concen: 42.28 ng
RT: 10.69 min Scan# 1479
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

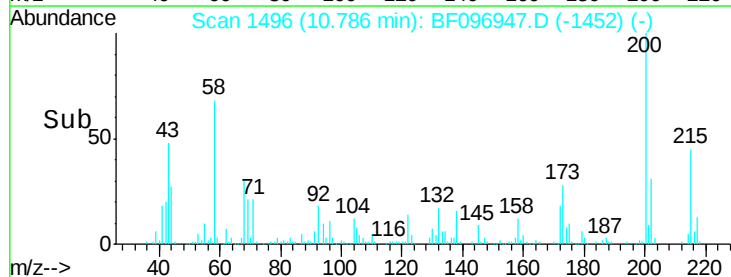
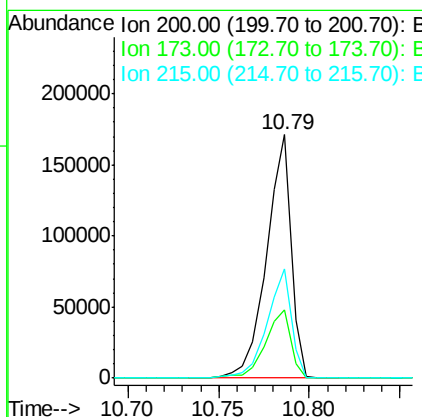
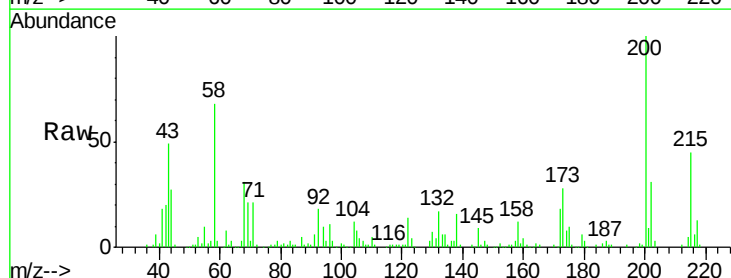
Instrument :
BNA_F
ClientSampleId :
PB100830BS

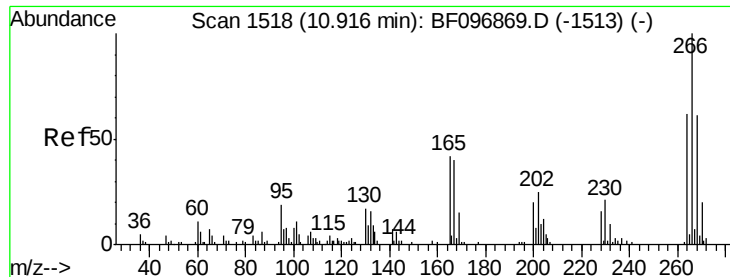
Tgt Ion: 284 Resp: 158339
Ion Ratio Lower Upper
284 100
142 33.8 22.8 34.2
249 29.7 24.0 36.0



#68
Atrazine
Concen: 48.00 ng
RT: 10.79 min Scan# 1496
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion: 200 Resp: 161002
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 44.7 27.2 67.2

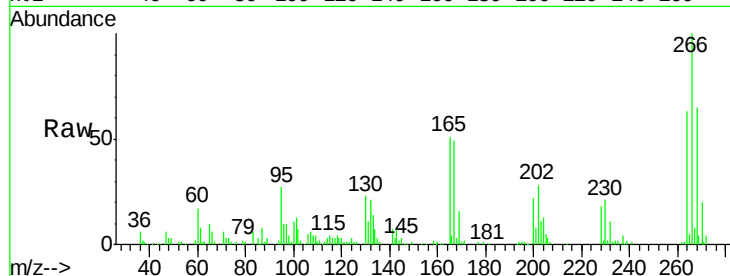




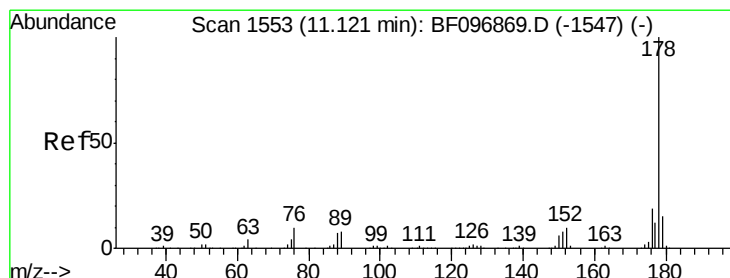
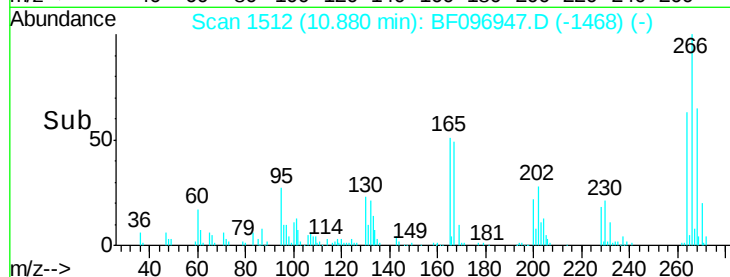
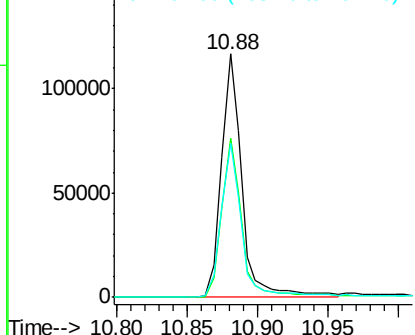
#69
 Pentachlorophenol
 Concen: 65.58 ng
 RT: 10.88 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

Tgt Ion:266 Resp: 118641
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 63.1 51.7 77.5

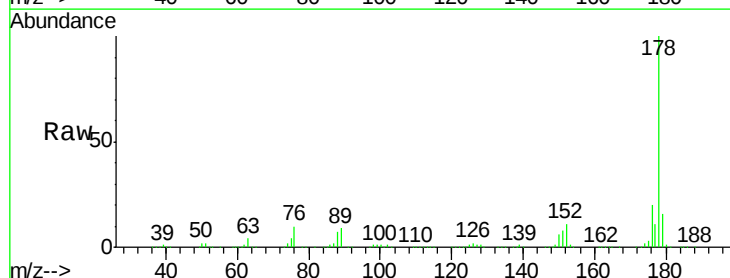


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

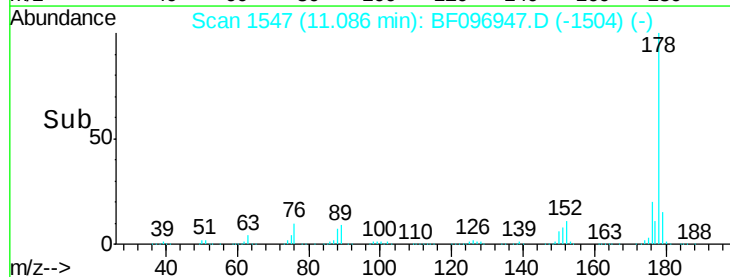
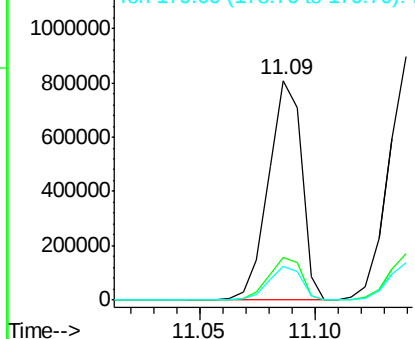


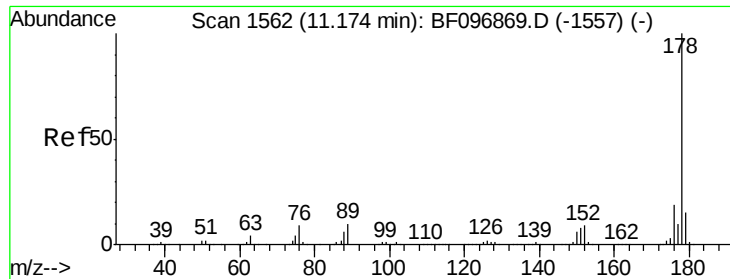
#70
 Phenanthrene
 Concen: 45.04 ng
 RT: 11.09 min Scan# 1547
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:178 Resp: 806477
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.5 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

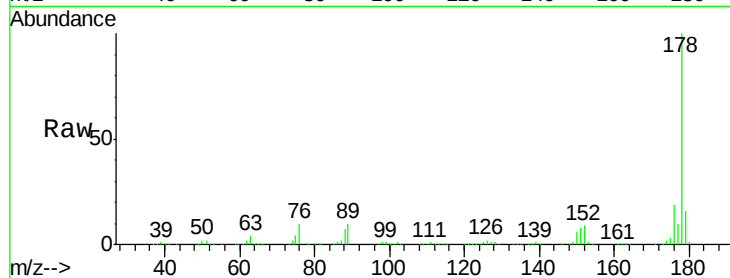




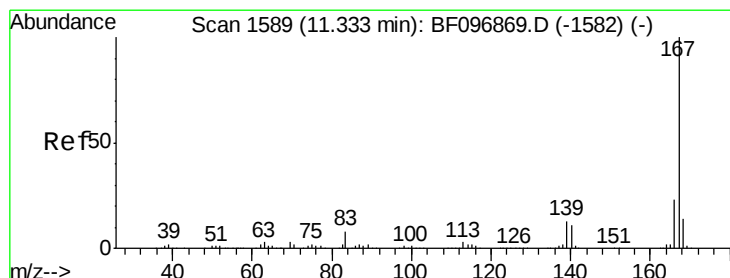
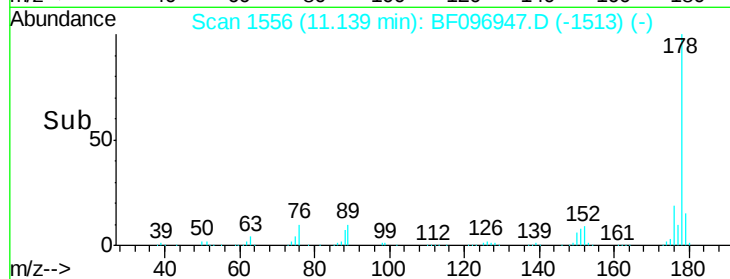
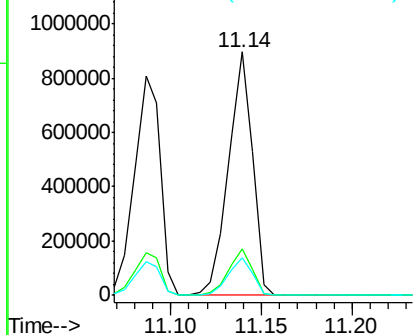
#71
 Anthracene
 Concen: 45.99 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

Tgt Ion:178 Resp: 832679
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 12.7 19.1

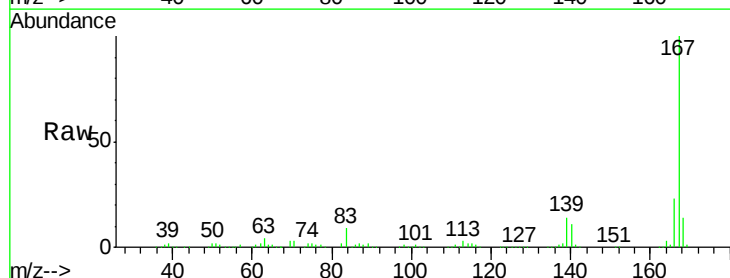


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

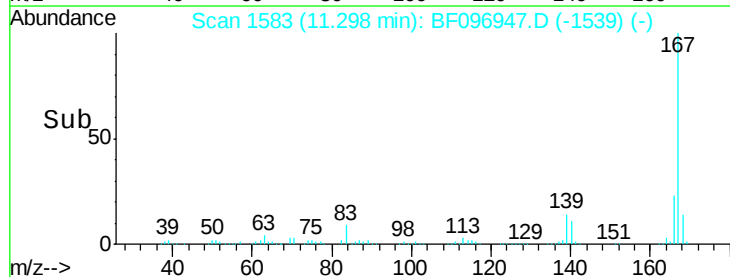
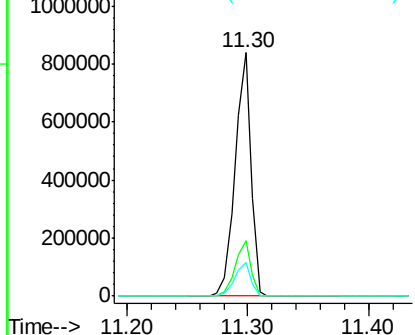


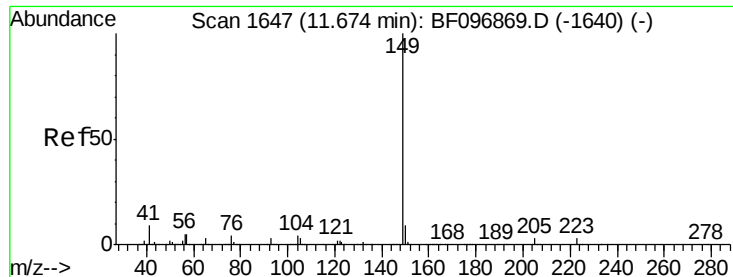
#72
 Carbazole
 Concen: 43.94 ng
 RT: 11.30 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion:167 Resp: 770503
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.8 11.7 17.5



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

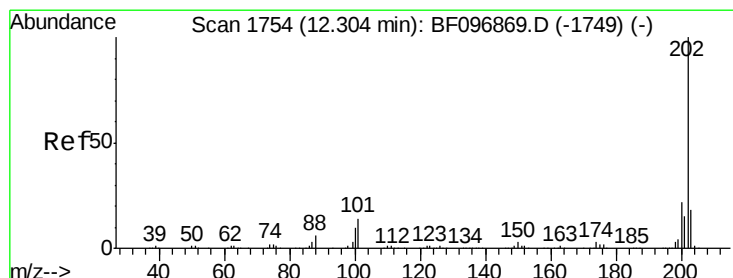
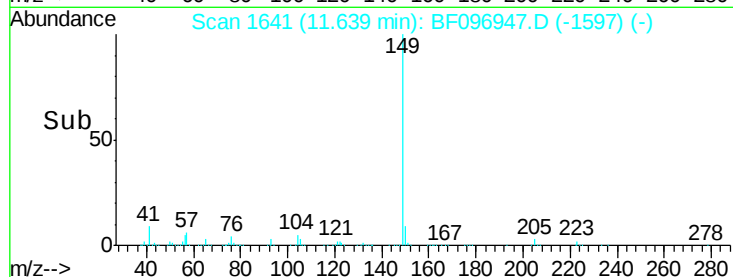
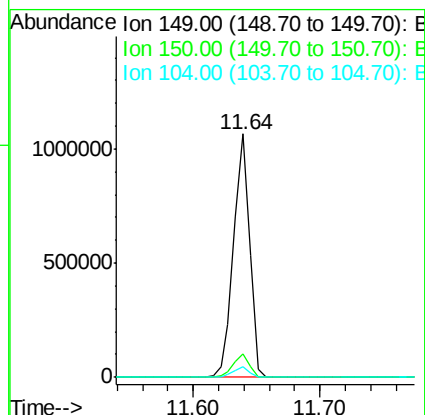
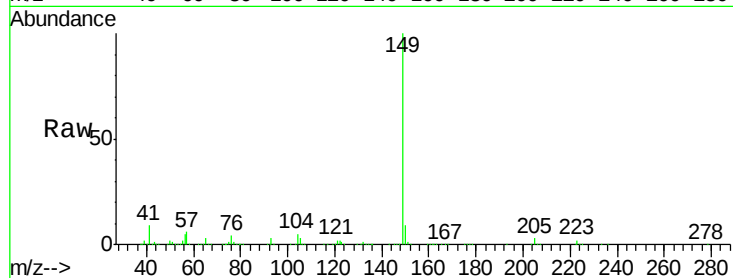




#73
Di-n-butylphthalate
Concen: 42.47 ng
RT: 11.64 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

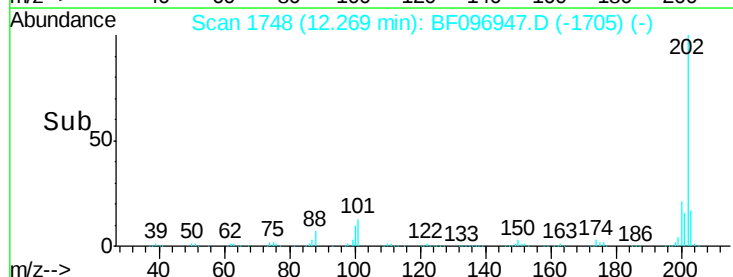
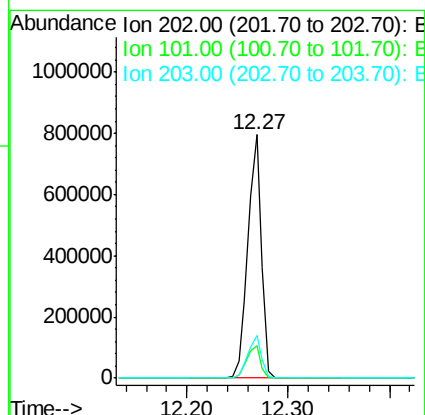
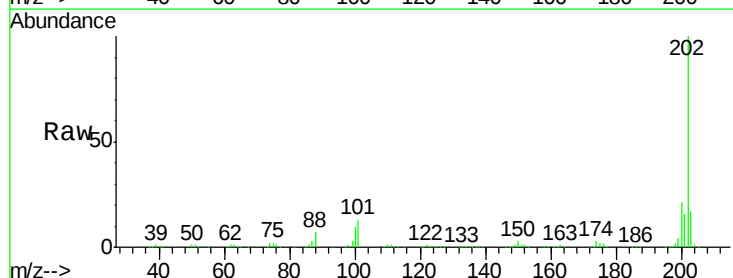
Instrument :
BNA_F
ClientSampleId :
PB100830BS

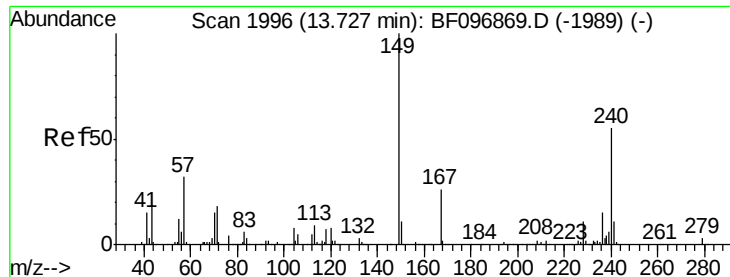
Tgt Ion:149 Resp: 927376
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 43.38 ng
RT: 12.27 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:202 Resp: 743489
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

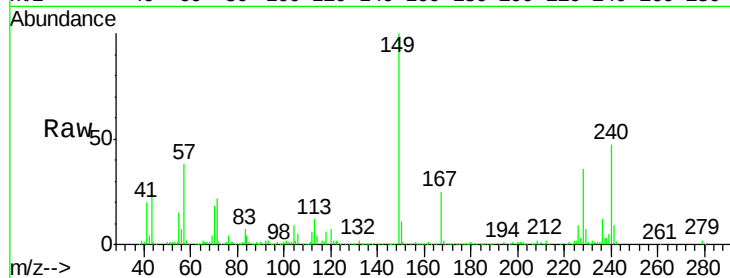
Tgt Ion:240 Resp: 174208

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

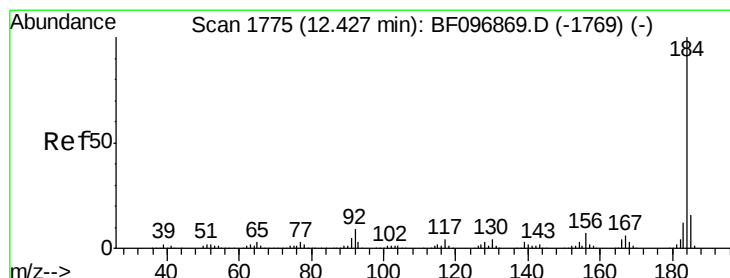
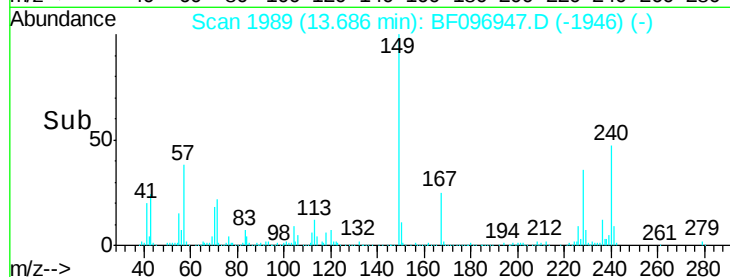
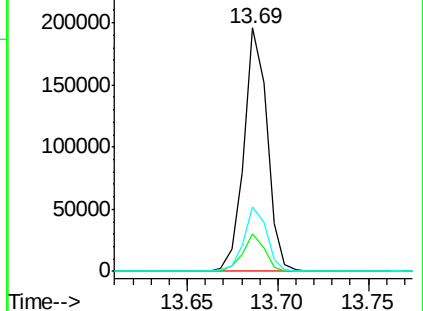
236 26.5 20.5 30.7



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: 74.02 ng

RT: 12.39 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

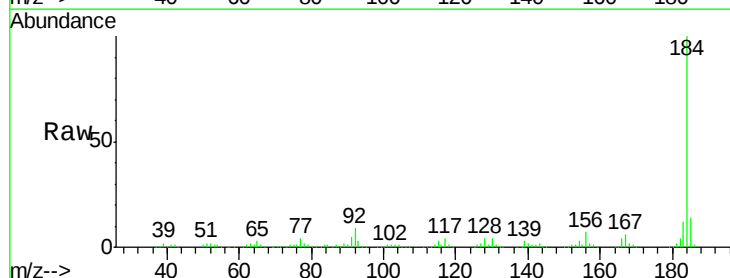
Tgt Ion:184 Resp: 422452

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

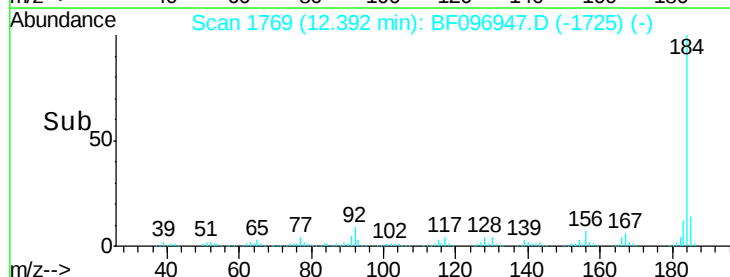
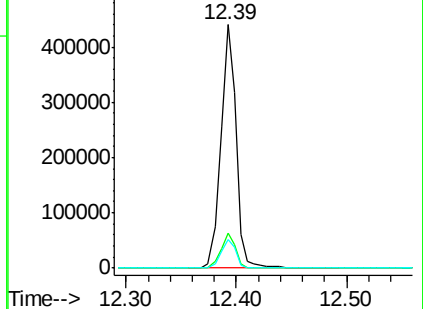
183 11.7 9.8 14.6

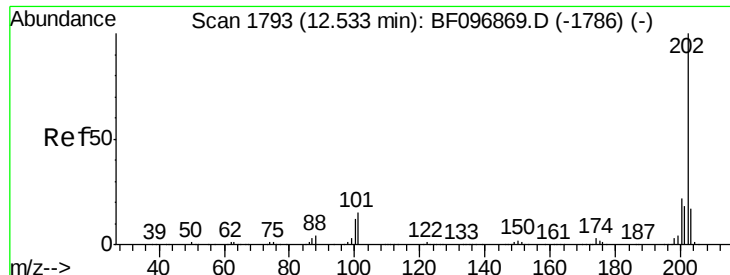


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

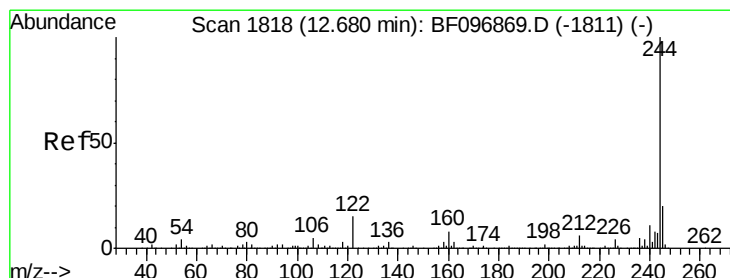
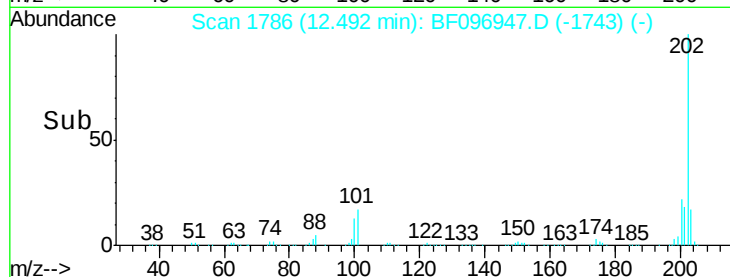
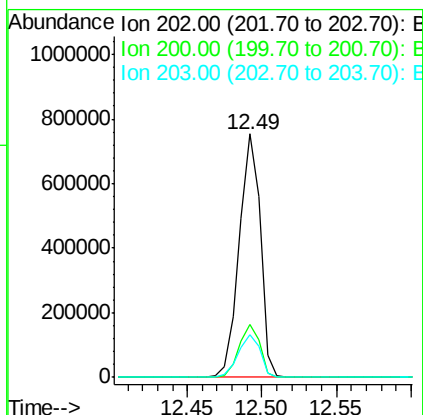
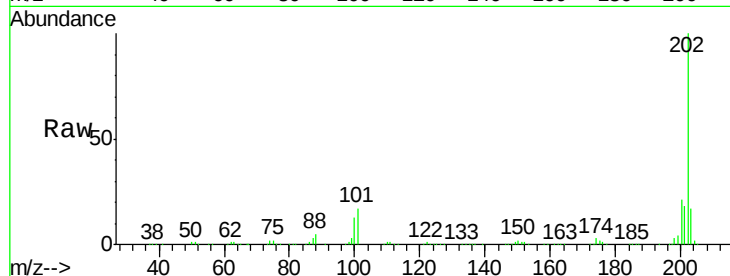




#77
 Pyrene
 Concen: 47.01 ng
 RT: 12.49 min Scan# 1786
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

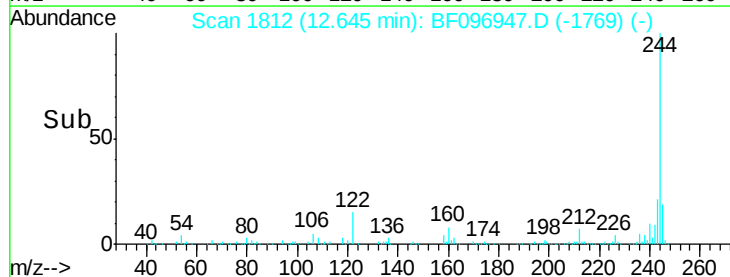
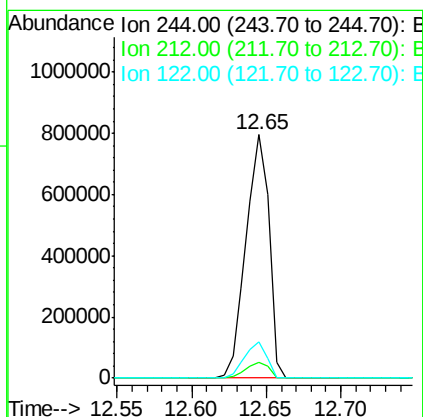
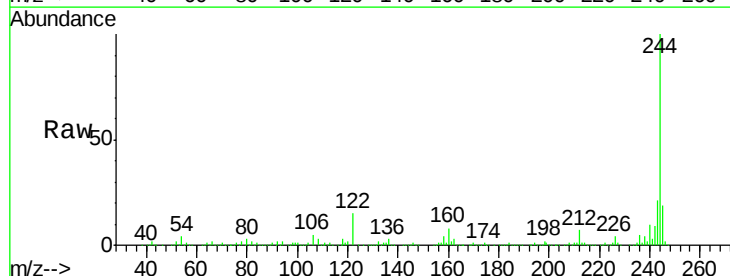
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BS

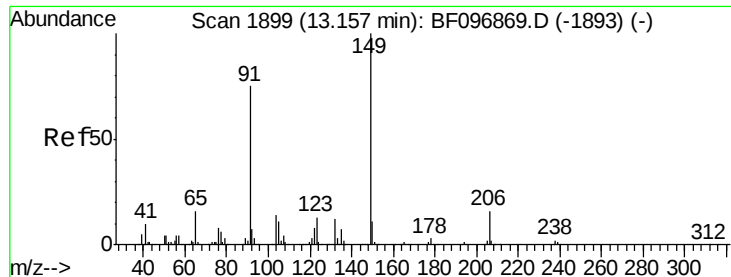
Tgt Ion: 202 Resp: 743175
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.4 14.4 21.6



#78
 Terphenyl-d14
 Concen: 84.82 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096947.D
 Acq: 21 Jul 2017 16:40

Tgt Ion: 244 Resp: 851979
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.9 10.3 15.5

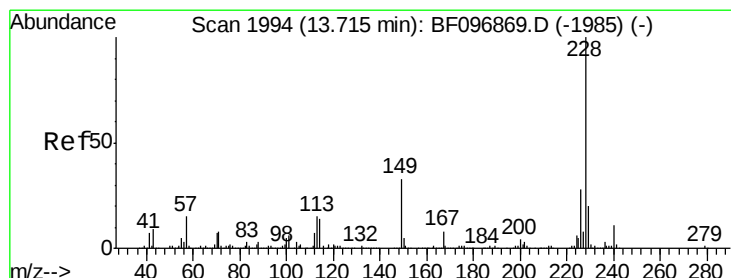
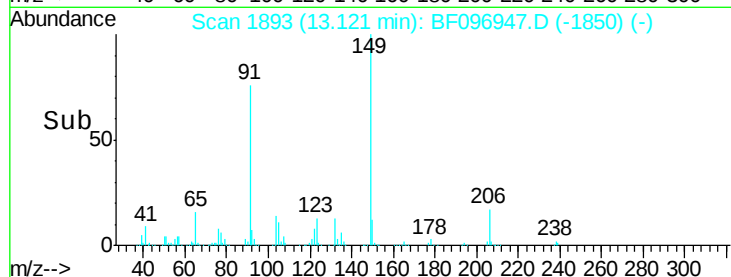
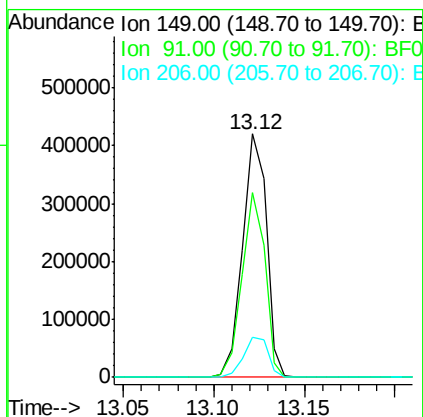
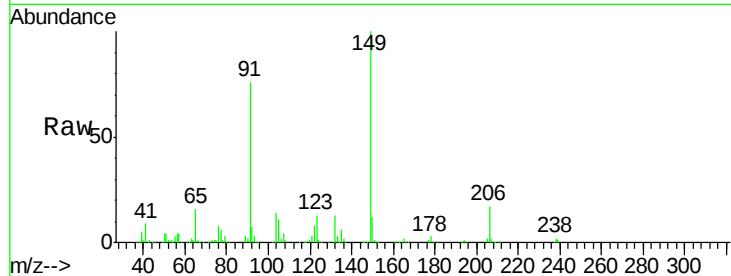




#79
Butylbenzylphthalate
Concen: 51.36 ng
RT: 13.12 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

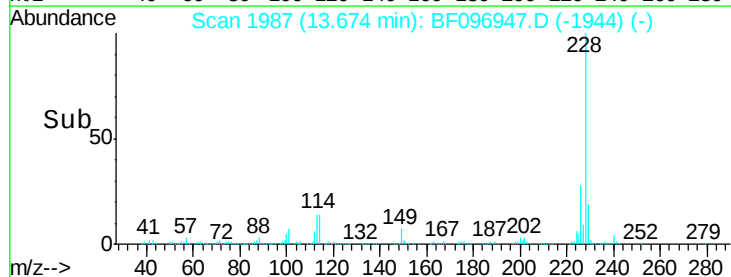
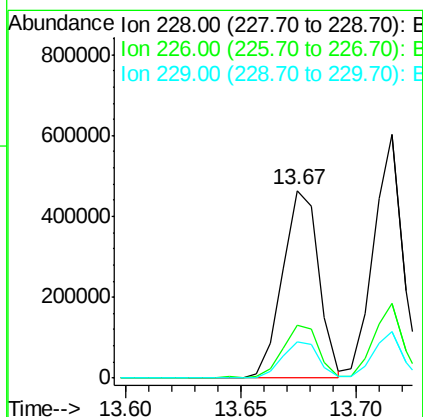
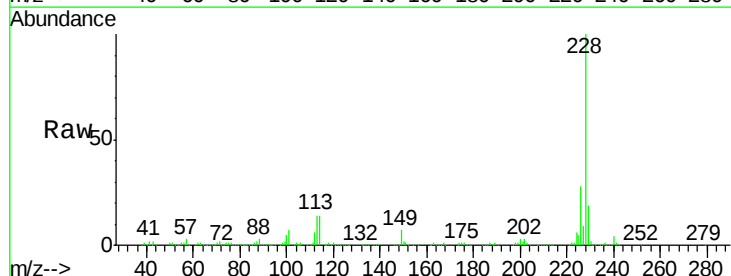
Instrument :
BNA_F
ClientSampleId :
PB100830BS

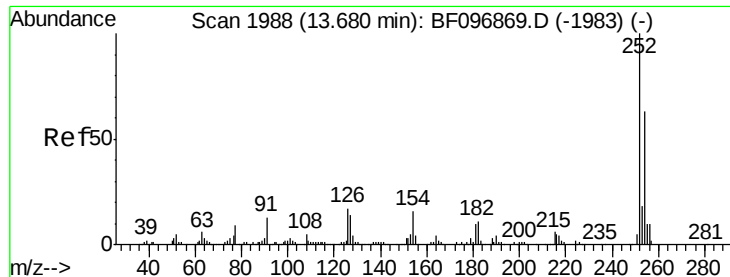
Tgt Ion:149 Resp: 385790
Ion Ratio Lower Upper
149 100
91 76.1 45.0 67.4#
206 16.5 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 46.29 ng
RT: 13.67 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF096947.D
Acq: 21 Jul 2017 16:40

Tgt Ion:228 Resp: 502504
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.4 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.86 ng

RT: 13.64 min Scan# 1982

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

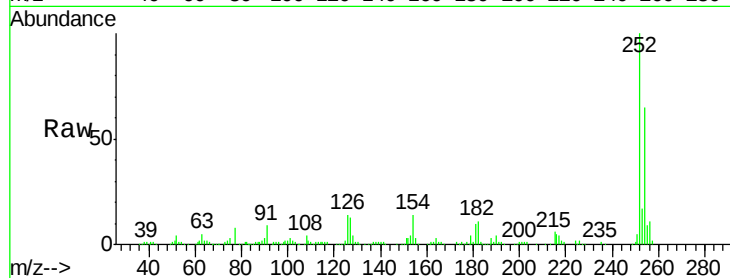
Instrument :

BNA_F

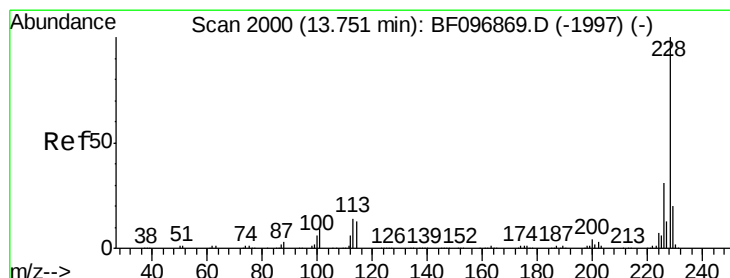
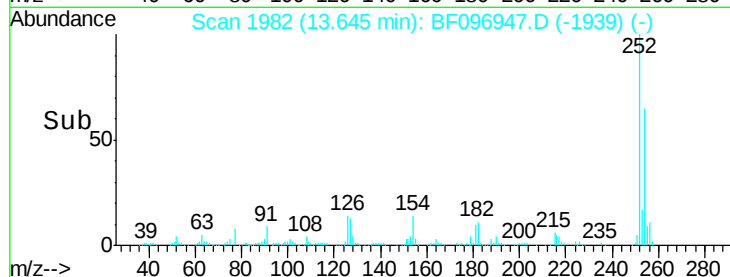
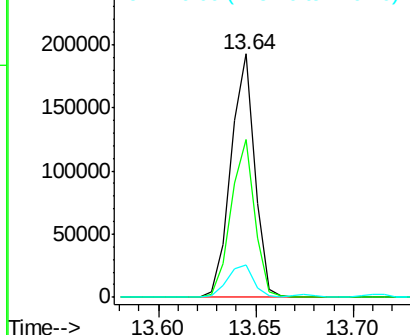
ClientSampleId :

PB100830BS

Tgt Ion:	252	Resp:	163390
Ion Ratio		Lower	Upper
252	100		
254	64.9	51.5	77.3
126	13.5	15.8	23.8#



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: 48.39 ng

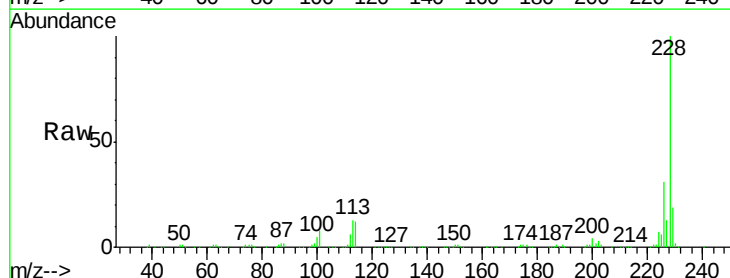
RT: 13.72 min Scan# 1994

Delta R.T. -0.05 min

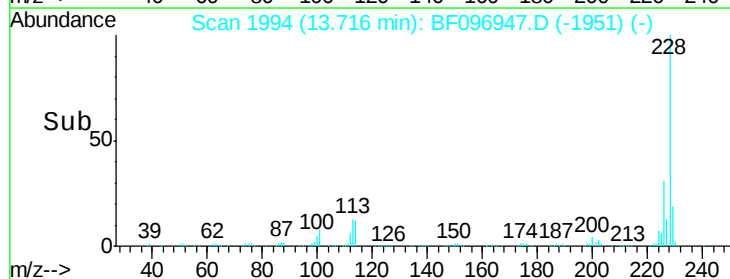
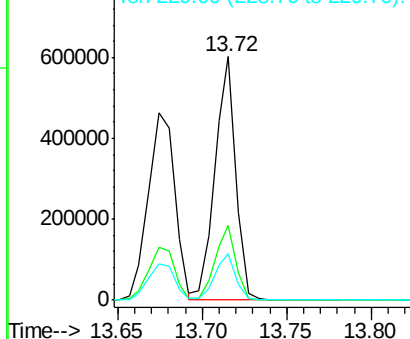
Lab File: BF096947.D

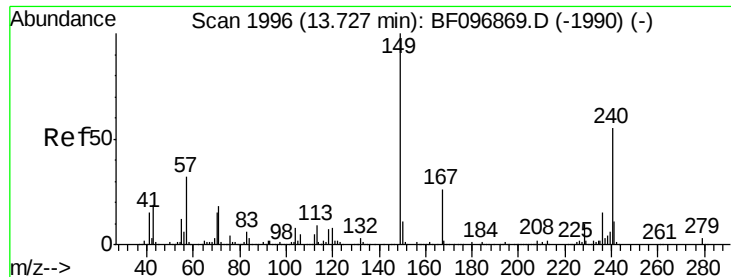
Acq: 21 Jul 2017 16:40

Tgt Ion:	228	Resp:	517116
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.1	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.70 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

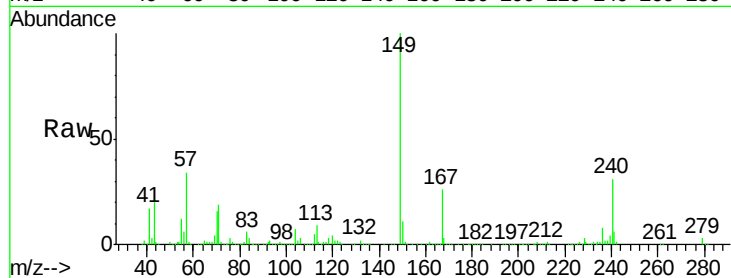
Tgt Ion:149 Resp: 463814

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

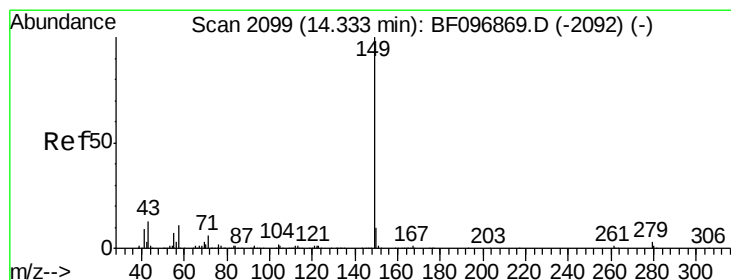
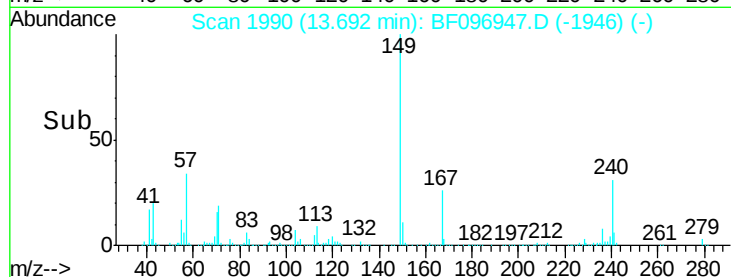
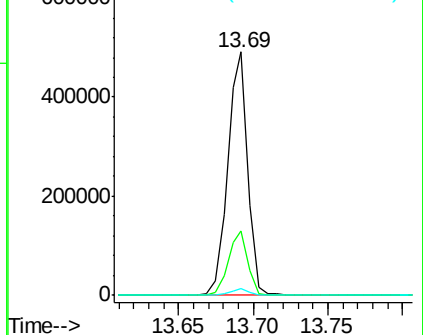
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.19 ng

RT: 14.30 min Scan# 2093

Delta R.T. -0.04 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

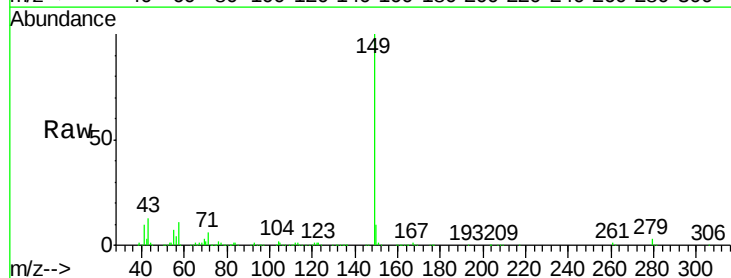
Tgt Ion:149 Resp: 804375

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

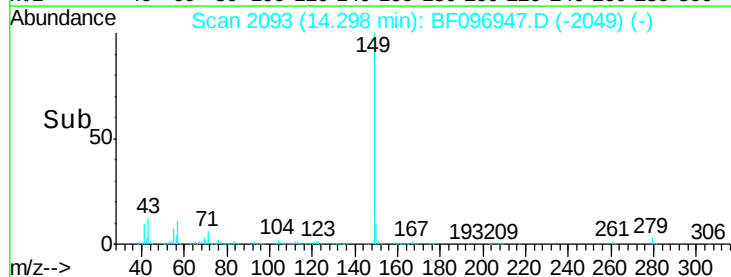
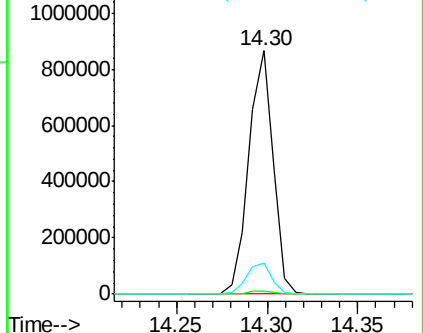
43 13.3 8.5 12.7#

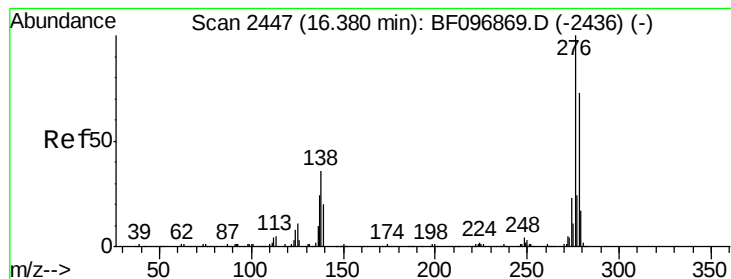


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.57 ng

RT: 16.32 min Scan# 2436

Delta R.T. -0.08 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

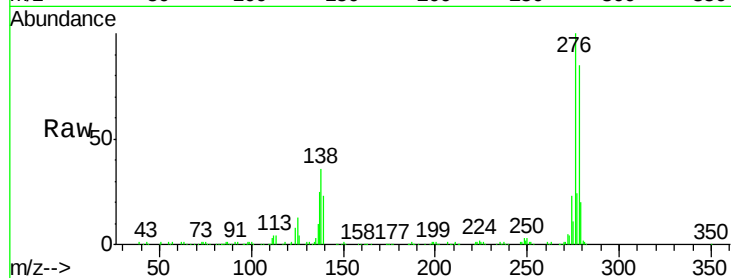
Tgt Ion:276 Resp: 486185

Ion Ratio Lower Upper

276 100

138 35.7 27.8 41.6

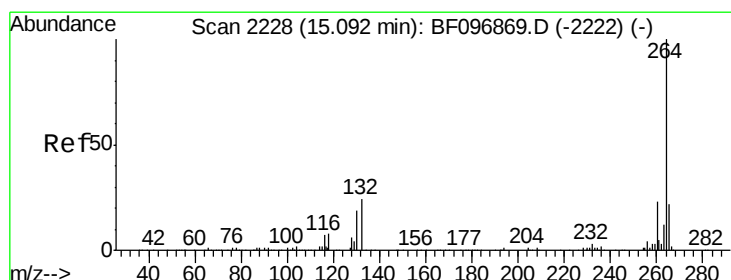
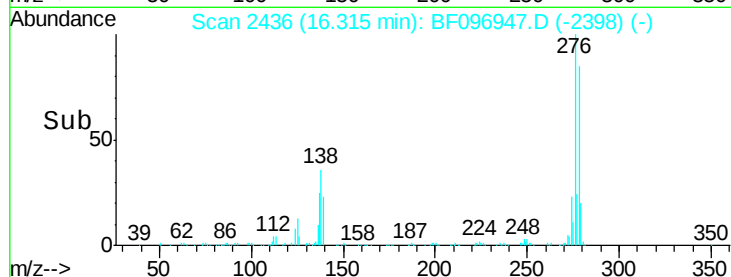
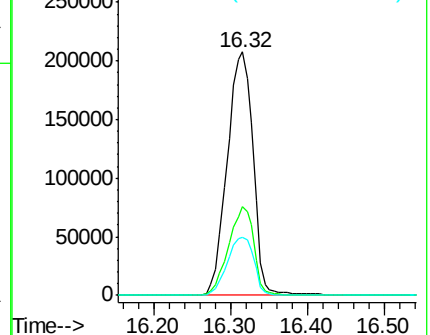
277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 2220

Delta R.T. -0.06 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

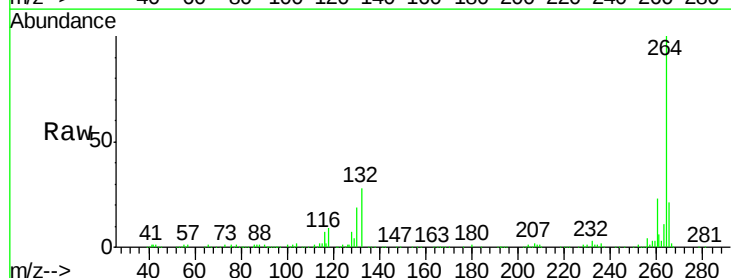
Tgt Ion:264 Resp: 207505

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

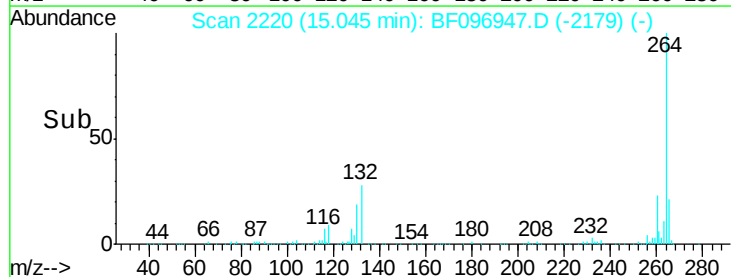
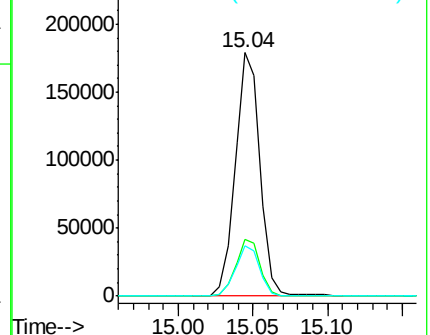
265 20.9 17.2 25.8

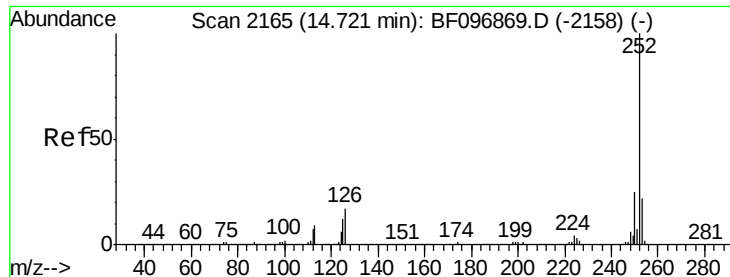


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.91 ng

RT: 14.68 min Scan# 2158

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

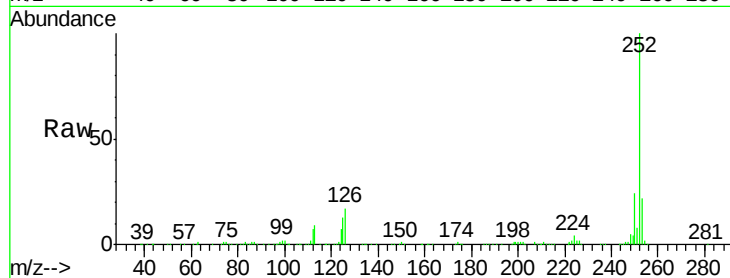
Tgt Ion:252 Resp: 449428

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

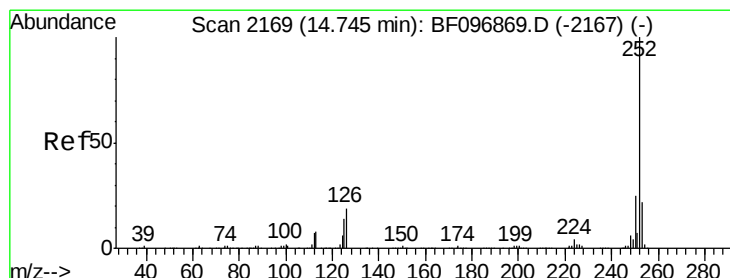
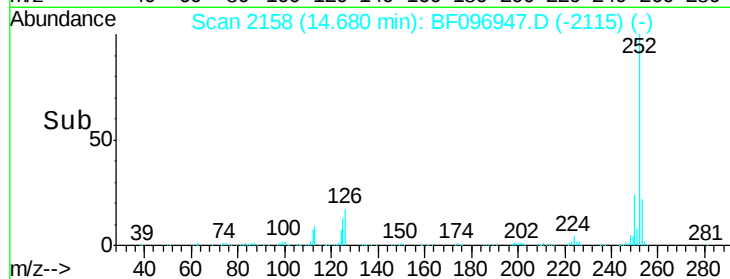
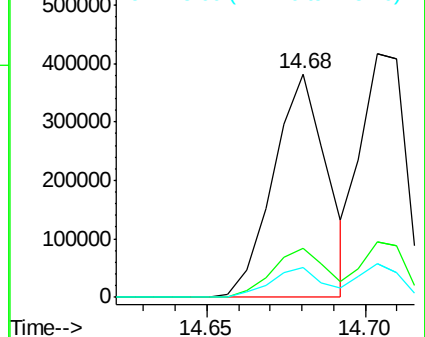
125 13.1 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 34.79 ng

RT: 14.70 min Scan# 2162

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

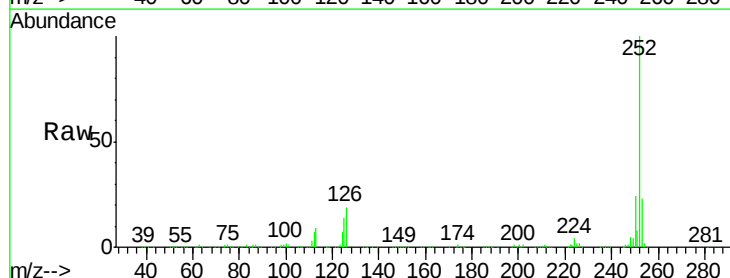
Tgt Ion:252 Resp: 412295

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

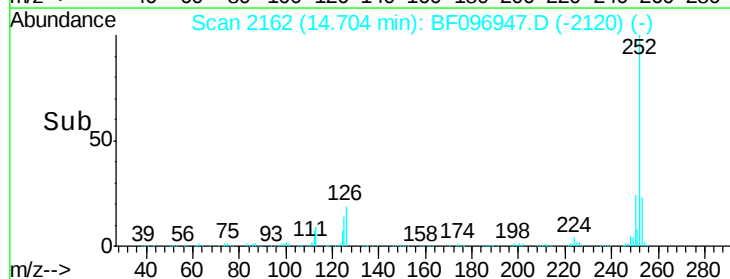
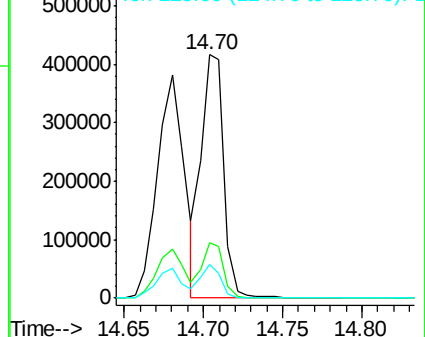
125 13.9 13.1 19.7

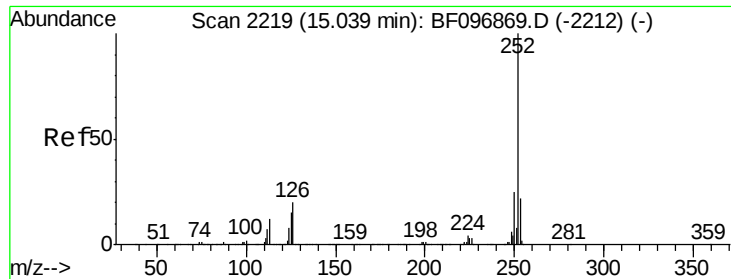


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.27 ng

RT: 15.00 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

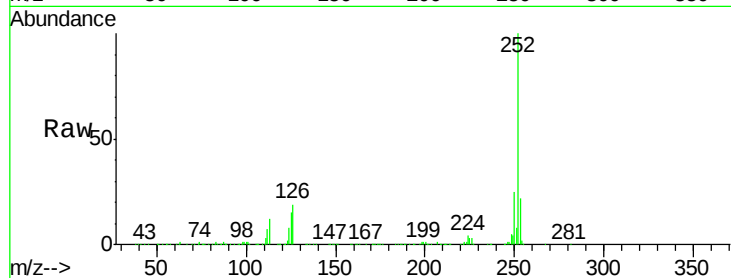
Tgt Ion:252 Resp: 508194

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

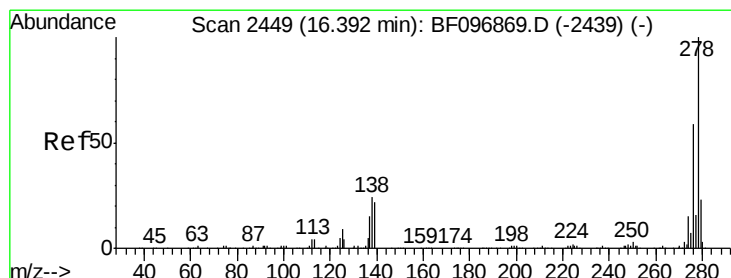
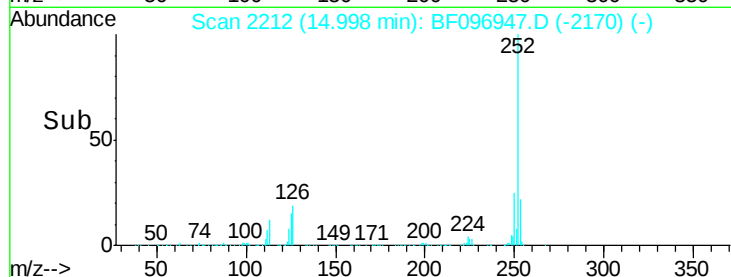
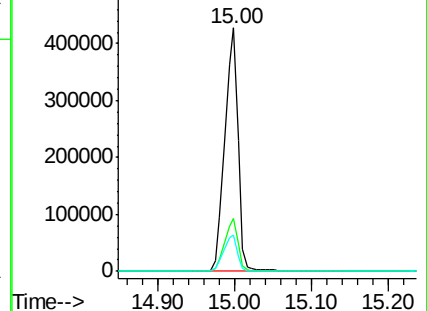
125 14.7 11.0 16.4



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: 38.46 ng

RT: 16.33 min Scan# 2438

Delta R.T. -0.08 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

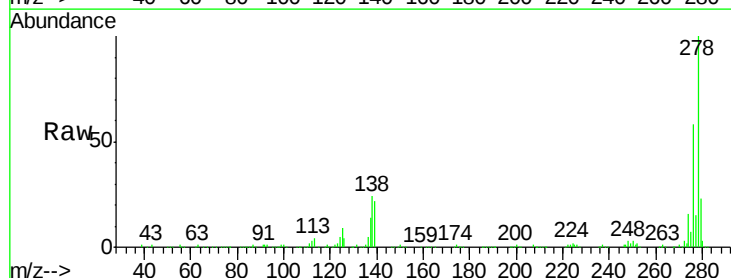
Tgt Ion:278 Resp: 406195

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

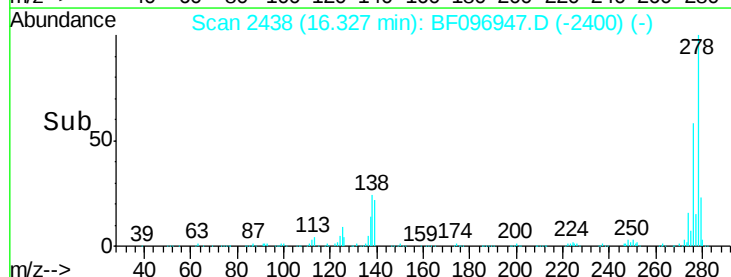
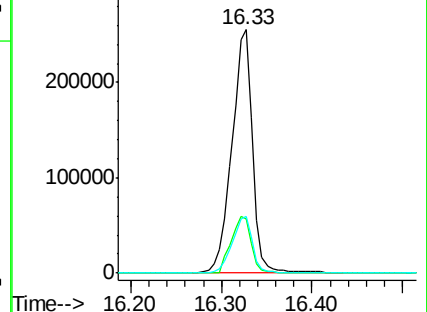
279 23.4 19.3 28.9

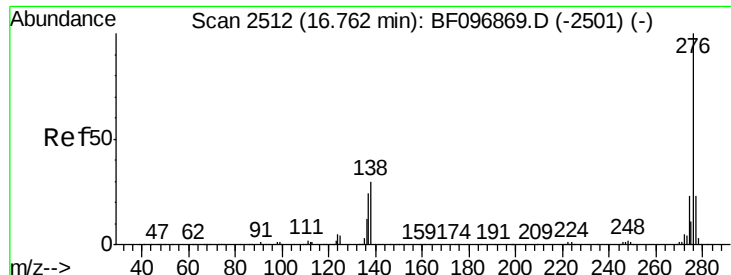


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.66 ng

RT: 16.69 min Scan# 2500

Delta R.T. -0.09 min

Lab File: BF096947.D

Acq: 21 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB100830BS

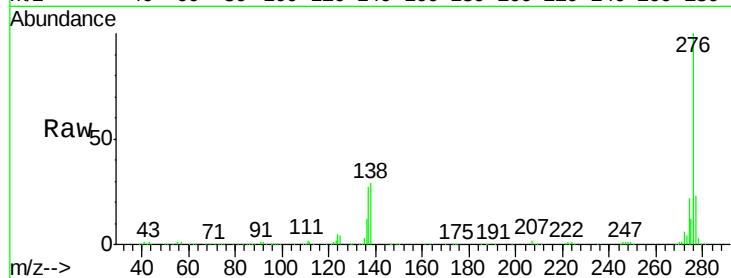
Tgt Ion: 276 Resp: 403322

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 28.9 25.4 38.0



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

