

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096103.D
 Acq On : 22 Jun 2017 2:00
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:18:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	91126	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	360189	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	118971	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	203367	20.00	ng	0.00
75) Chrysene-d12	18.27	240	171617	20.00	ng	0.00
86) Perylene-d12	19.94	264	121788	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	469105	82.03	ng	0.00
7) Phenol-d6	6.87	99	520249	75.99	ng	0.00
23) Nitrobenzene-d5	8.22	82	438989	75.69	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	78137	74.23	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	853744	99.86	ng	0.00
78) Terphenyl-d14	16.93	244	652822	94.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.59	88	130591	48.00	ng	87
3) Pyridine	2.12	79	243391	38.07	ng	95
4) n-Nitrosodimethylamine	2.10	42	97603	40.15	ng	83
6) Aniline	6.79	93	345195	38.54	ng	95
8) 2-Chlorophenol	6.99	128	236211	38.85	ng	94
9) Benzaldehyde	6.60	77	192064	41.59	ng	98
10) Phenol	6.89	94	283144	39.87	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	227079	40.36	ng	98
12) 1,3-Dichlorobenzene	7.19	146	295356	42.91	ng	98
13) 1,4-Dichlorobenzene	7.32	146	290347	41.60	ng	96
14) 1,2-Dichlorobenzene	7.55	146	249993	38.85	ng	97
15) Benzyl Alcohol	7.61	79	172200	36.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.79	45	303129	38.35	ng	98
17) 2-Methylphenol	7.85	107	197699	38.74	ng	94
18) Hexachloroethane	8.06	117	65027	28.21	ng	# 81
19) n-Nitroso-di-n-propylamine	8.03	70	167006	38.49	ng	96
20) 3+4-Methylphenols	8.11	107	262756	40.56	ng	# 58
22) Acetophenone	7.99	105	326025	38.67	ng	# 84
24) Nitrobenzene	8.25	77	237399	38.32	ng	93
25) Isophorone	8.65	82	452040	41.74	ng	96
26) 2-Nitrophenol	8.77	139	62632	19.31	ng	95
27) 2,4-Dimethylphenol	8.92	122	202466	40.21	ng	99
28) bis(2-Chloroethoxy)methane	9.03	93	306409	42.92	ng	98
29) 2,4-Dichlorophenol	9.20	162	183071	37.76	ng	98
30) 1,2,4-Trichlorobenzene	9.26	180	206574	40.94	ng	99
31) Naphthalene	9.36	128	737558	40.80	ng	99
32) Benzoic acid	9.28	122	6545	6.97	ng	# 70
33) 4-Chloroaniline	9.52	127	275994	39.06	ng	# 93
34) Hexachlorobutadiene	9.58	225	104498	40.08	ng	98
35) Caprolactam	10.16	113	51042	35.38	ng	90
36) 4-Chloro-3-methylphenol	10.40	107	178857	35.24	ng	90
37) 2-Methylnaphthalene	10.49	142	452519	37.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	167150	46.94	ng	98
42) 2,4,6-Trichlorophenol	11.01	196	98470	43.01	ng	97

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

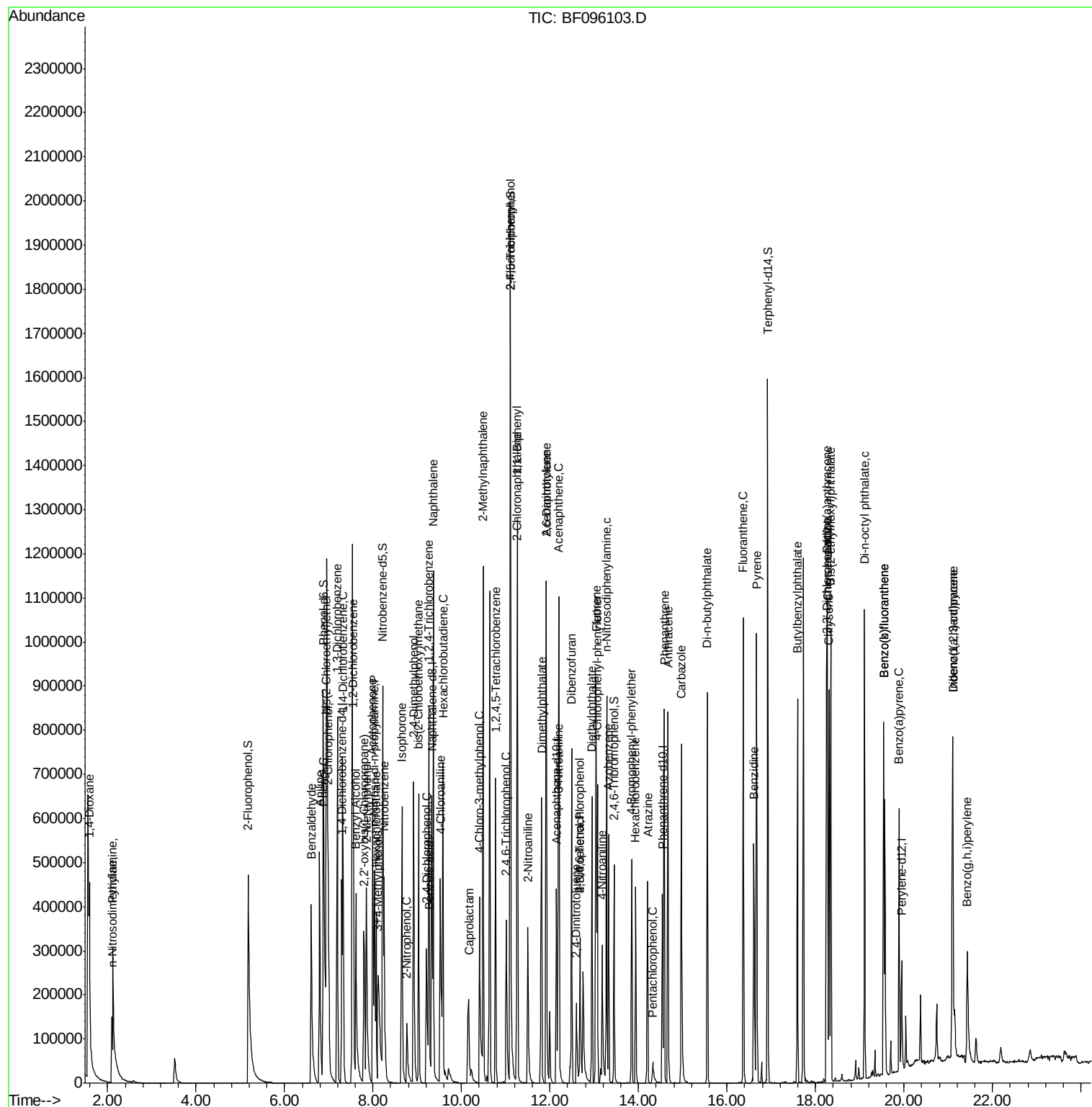
43) 2,4,5-Trichlorophenol	11.12	196	94313	38.73	nq	91
45) 1,1'-Biphenyl	11.26	154	435774	44.44	nq	97
46) 2-Chloronaphthalene	11.27	162	322338	42.07	nq	94
47) 2-Nitroaniline	11.50	65	97773	43.61	nq	# 82
48) Acenaphthylene	11.92	152	512506	39.12	nq	98
49) Dimethylphthalate	11.81	163	382317	42.32	nq	99
50) 2,6-Dinitrotoluene	11.91	165	63149	32.05	nq	# 62
51) Acenaphthene	12.20	154	300696	39.74	nq	99
52) 3-Nitroaniline	12.18	138	102932	44.84	nq	92
54) Dibenzofuran	12.49	168	421205	39.55	nq	100
55) 4-Nitrophenol	12.68	139	24285	21.70	nq	# 6
56) 2,4-Dinitrotoluene	12.59	165	78893	29.64	nq	# 90
57) Fluorene	13.04	166	361726	39.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.67	232	51138	30.69	nq	89
59) Diethylphthalate	12.95	149	364030	41.88	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	160340	39.79	nq	88
61) 4-Nitroaniline	13.18	138	101162	47.20	nq	96
62) Azobenzene	13.33	77	292951	37.18	nq	93
65) n-Nitrosodiphenylamine	13.28	169	299266	40.95	nq	99
66) 4-Bromophenyl-phenylether	13.85	248	85780	40.59	nq	93
67) Hexachlorobenzene	13.94	284	85375	40.99	nq	# 93
68) Atrazine	14.20	200	78016	38.36	nq	98
69) Pentachlorophenol	14.32	266	17177	26.56	nq	99
70) Phenanthrene	14.58	178	480742	40.97	nq	98
71) Anthracene	14.66	178	508283	41.49	nq	98
72) Carbazole	14.97	167	526671	44.12	nq	97
73) Di-n-butylphthalate	15.56	149	604817	47.62	nq	99
74) Fluoranthene	16.37	202	544415	46.88	nq	99
76) Benzidine	16.60	184	336487	51.05	nq	# 94
77) Pyrene	16.67	202	544699	42.54	nq	99
79) Butylbenzylphthalate	17.59	149	266007	47.57	nq	# 84
80) Benzo(a)anthracene	18.26	228	406487	40.74	nq	97
81) 3,3'-Dichlorobenzidine	18.24	252	156008	43.98	nq	# 97
82) Chrysene	18.30	228	397637	39.88	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	353313	44.79	nq	# 99
84) Di-n-octyl phthalate	19.11	149	642560	49.43	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	304842	35.73	nq	99
87) Benzo(b)fluoranthene	19.54	252	341022	44.72	nq	98
88) Benzo(k)fluoranthene	19.54	252	341022	46.78	nq	97
89) Benzo(a)pyrene	19.89	252	286455	40.87	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	259943	43.72	nq	97
91) Benzo(g,h,i)perylene	21.43	276	224804	37.09	nq	97

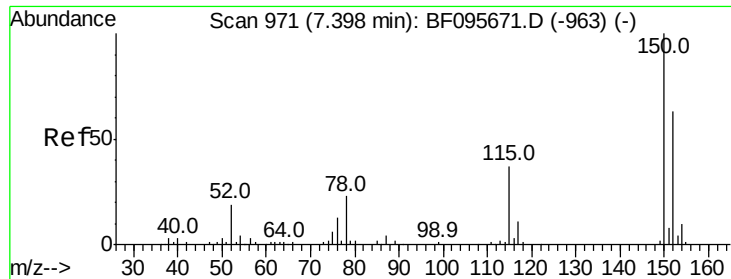
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

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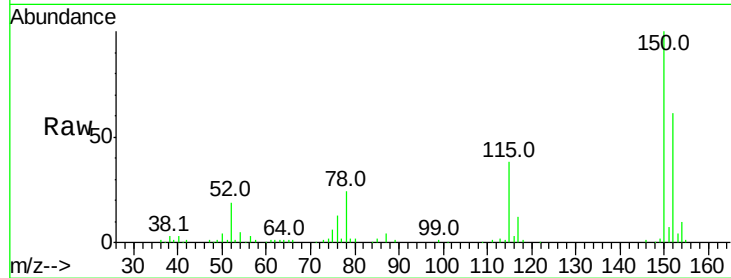


#1

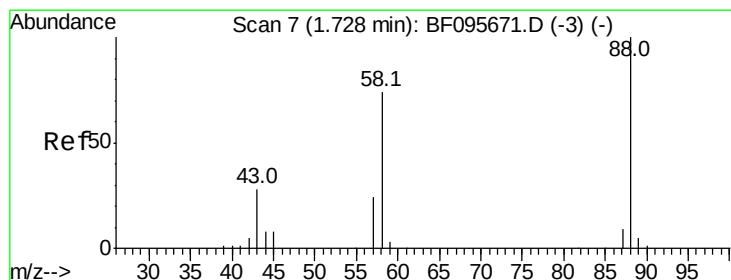
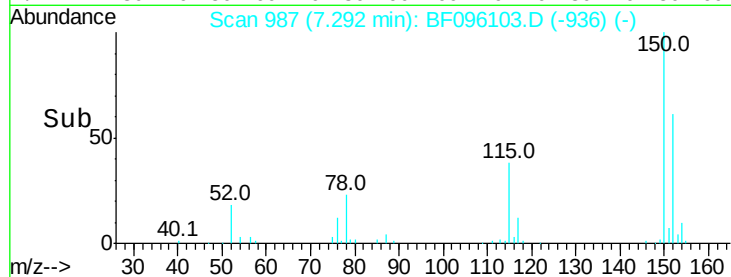
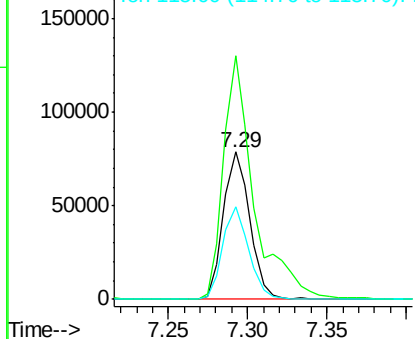
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91126
Ion Ratio Lower Upper
152 100
150 165.2 126.2 189.2
115 62.8 52.2 78.2



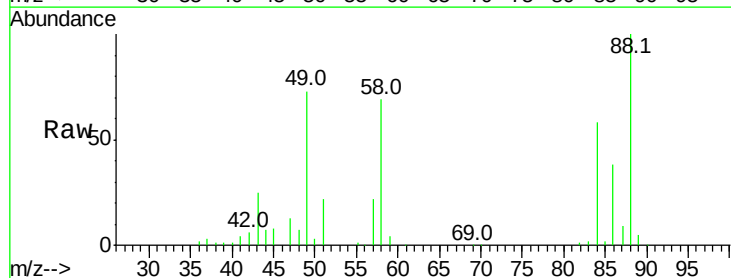
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



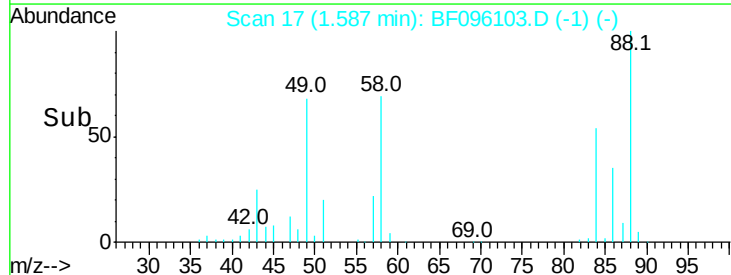
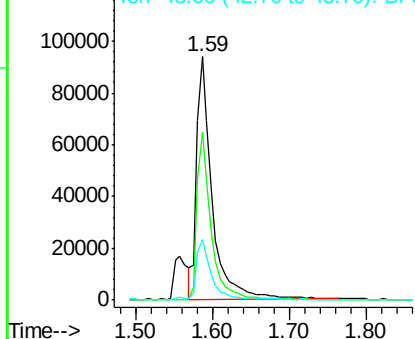
#2

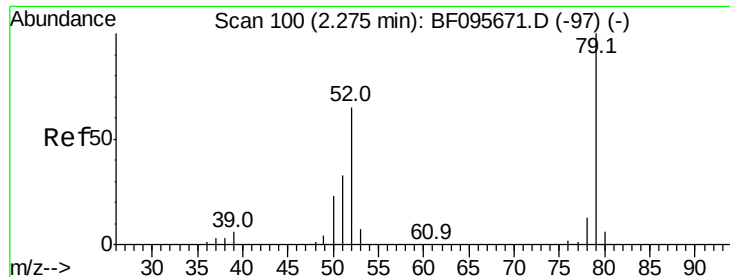
1,4-Dioxane
Concen: 48.00 ng
RT: 1.59 min Scan# 17
Delta R.T. -0.02 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion: 88 Resp: 130591
Ion Ratio Lower Upper
88 100
58 63.9 61.4 92.0
43 25.0 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

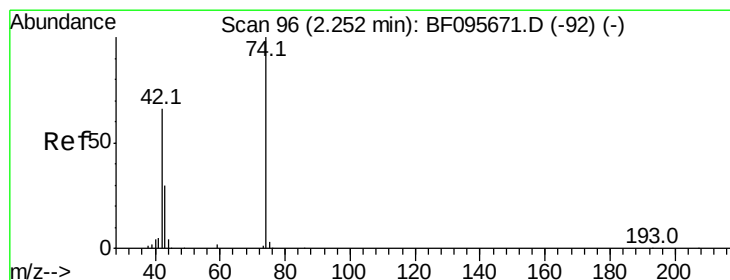
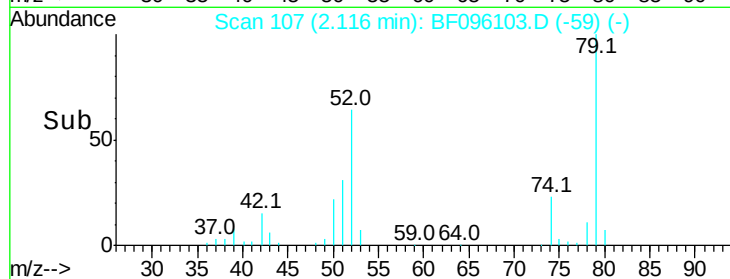
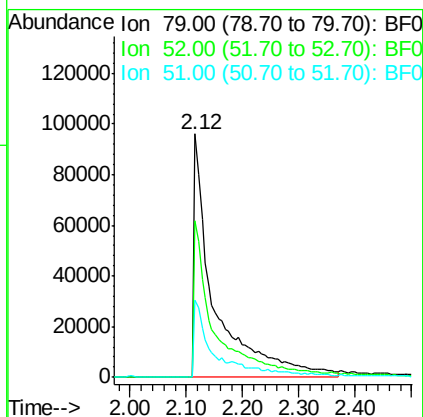
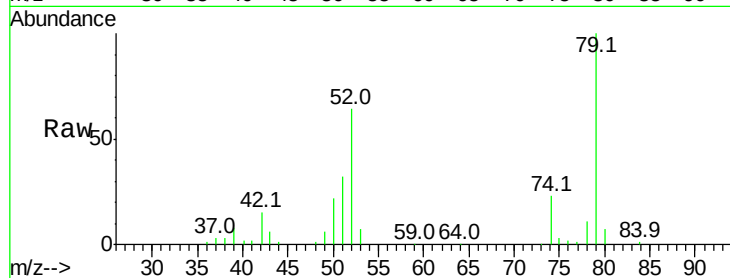




#3
 Pvridine
 Concen: 38.07 ng
 RT: 2.12 min Scan# 107
 Delta R.T. -0.02 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

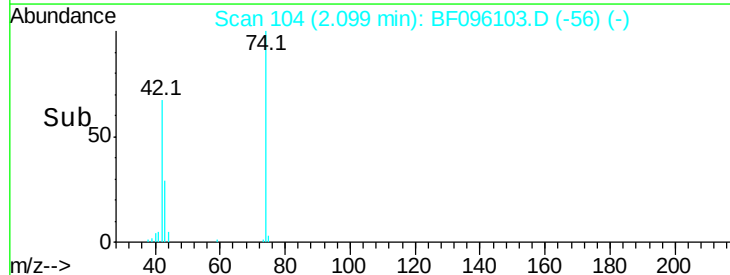
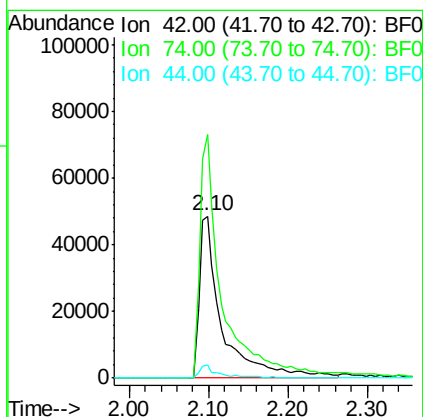
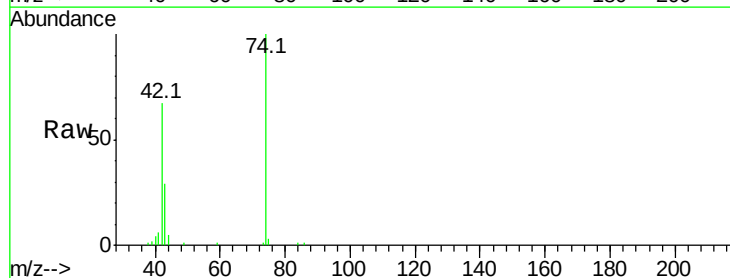
Instrument :
 BNA_F
 ClientSampleId :

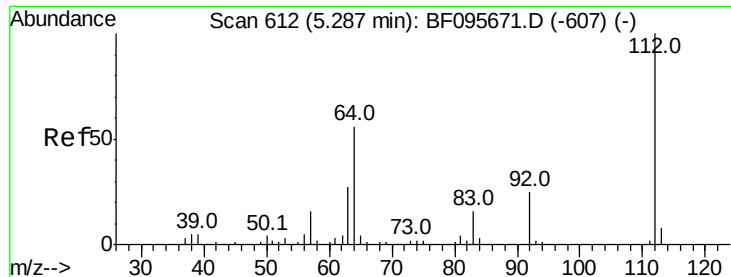
Tot Ion: 79 Resp: 243391
 Ion Ratio Lower Upper
 79 100
 52 64.3 54.8 82.2
 51 31.6 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.15 ng
 RT: 2.10 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion: 42 Resp: 97603
 Ion Ratio Lower Upper
 42 100
 74 150.0 103.9 155.9
 44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 82.03 ng

RT: 5.18 min Scan# 628

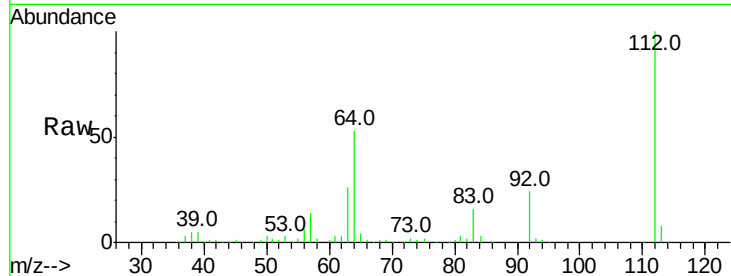
Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampled :

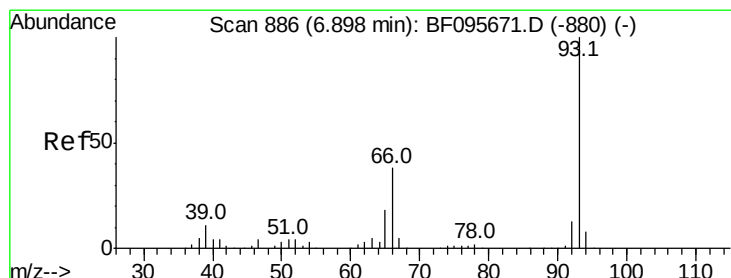
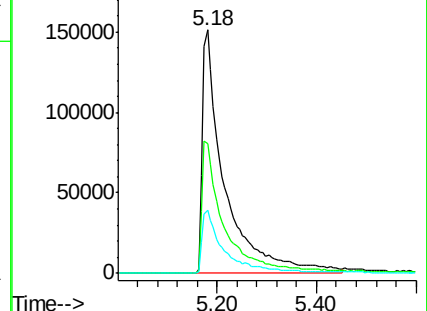
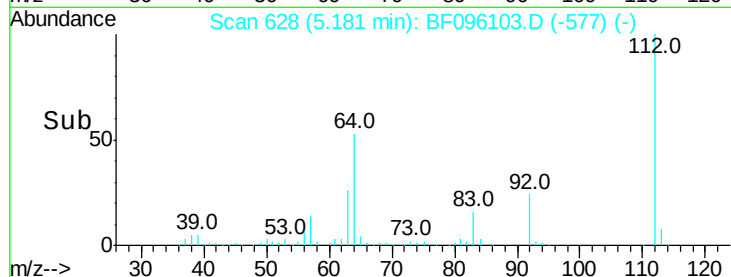
Tot Ion:	112	Resp:	469105
Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.8	23.4	35.0



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: 38.54 ng

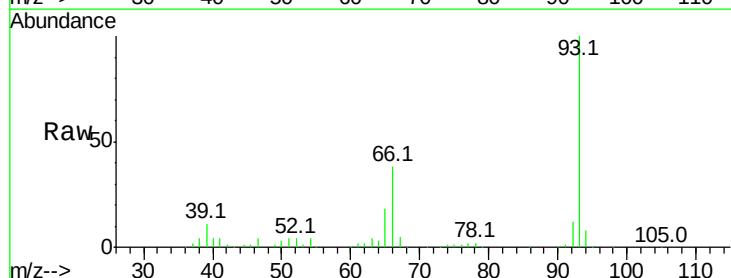
RT: 6.79 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

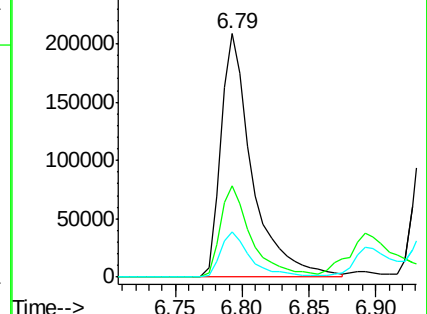
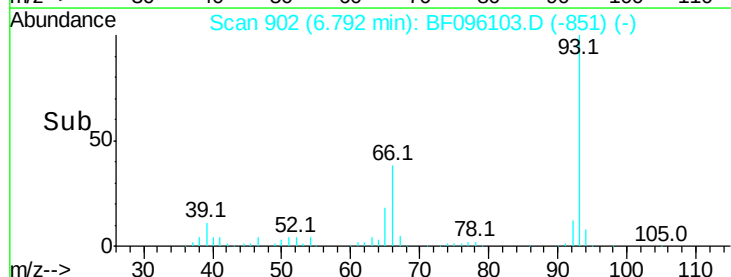
Tgt Ion:	93	Resp:	345195
Ion	Ratio	Lower	Upper
93	100		
66	37.5	32.9	49.3
65	18.4	16.0	24.0

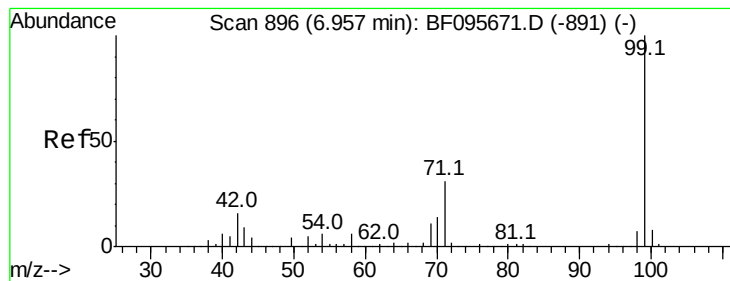


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.99 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

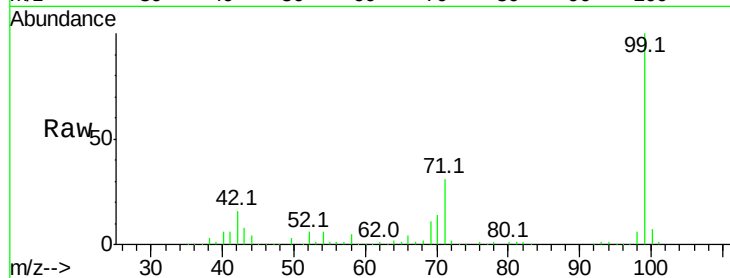
Tot Ion: 99 Resp: 520249

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

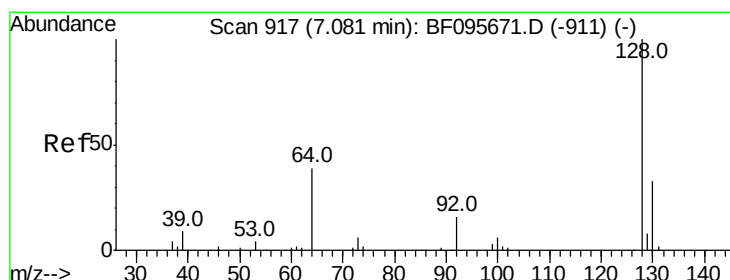
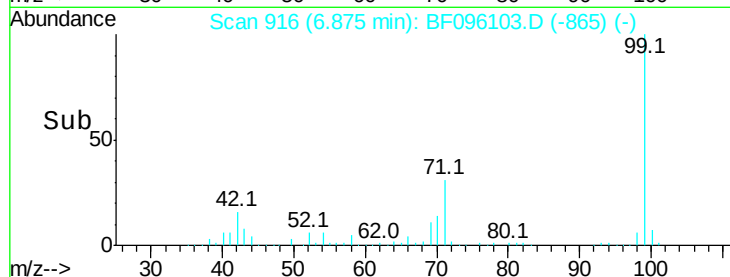
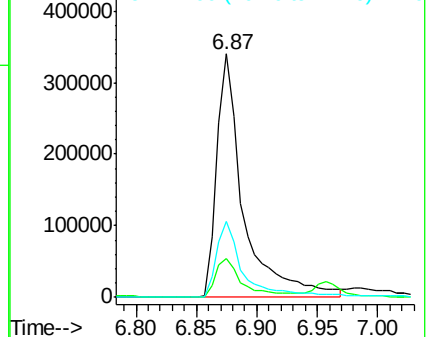
71 31.0 24.5 36.7



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: 38.85 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

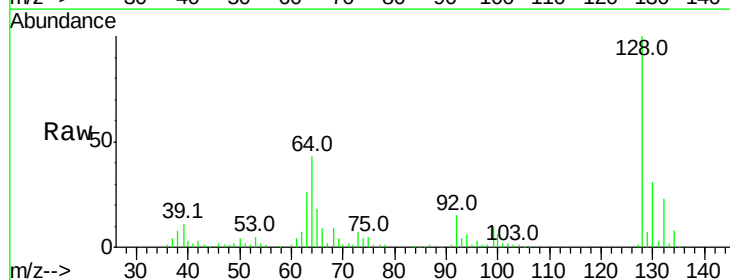
Tgt Ion: 128 Resp: 236211

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

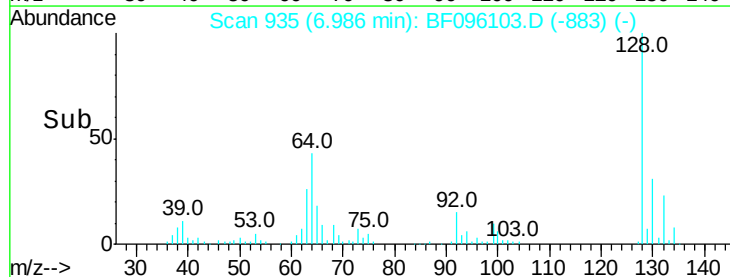
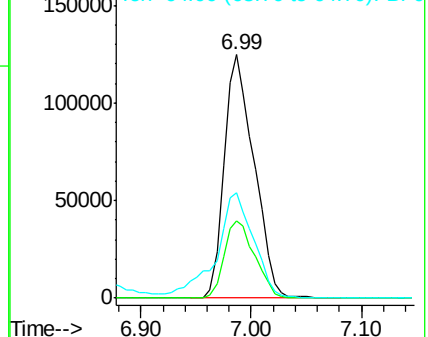
64 43.2 28.4 68.4

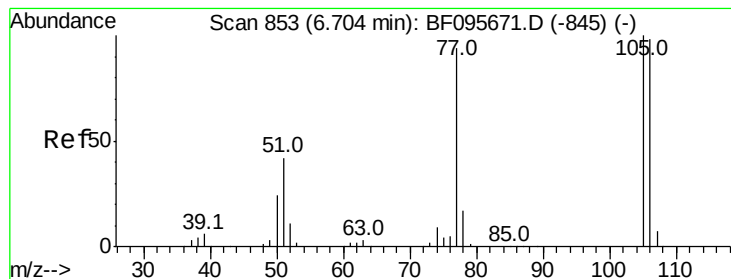


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.59 ng

RT: 6.60 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

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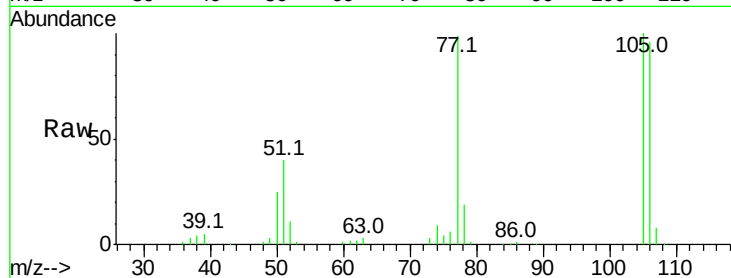
Tot Ion: 77 Resp: 192064

Ion Ratio Lower Upper

77 100

105 101.1 83.8 123.8

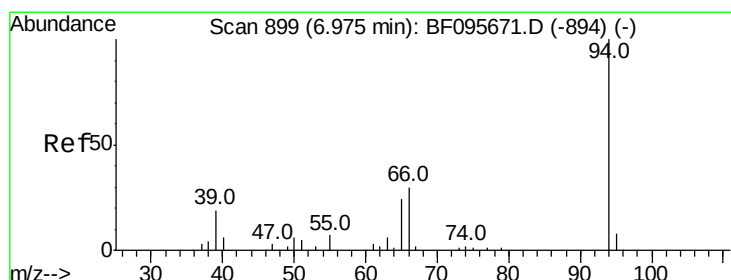
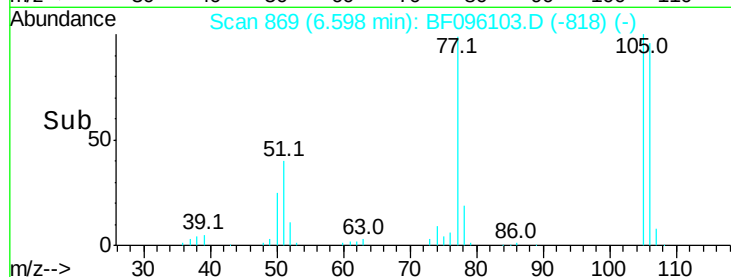
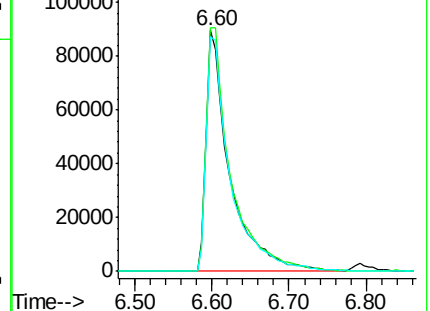
106 97.2 79.1 119.1



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: 39.87 ng

RT: 6.89 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

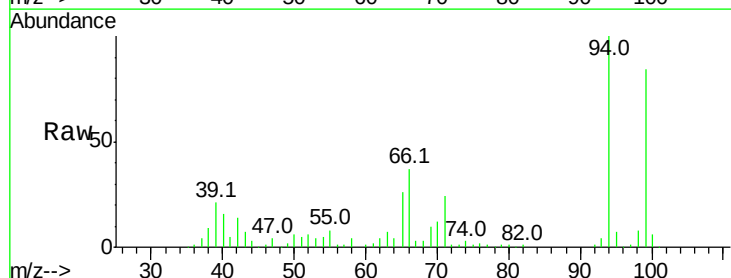
Tgt Ion: 94 Resp: 283144

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

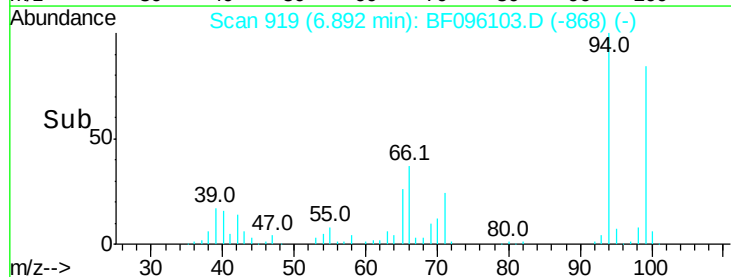
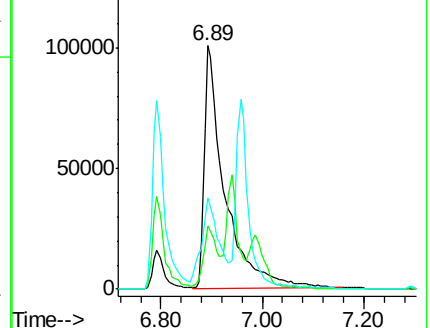
66 37.4 23.1 63.1

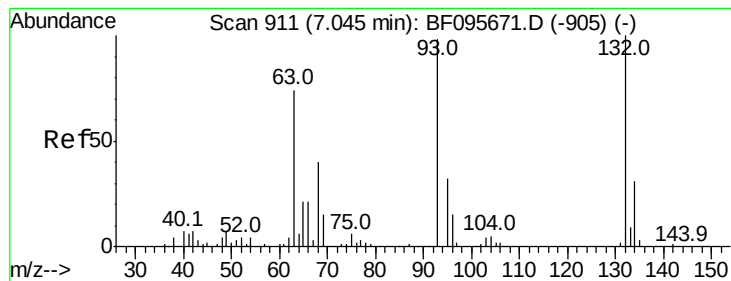


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

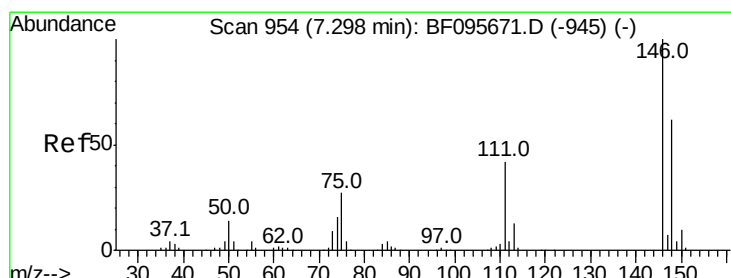
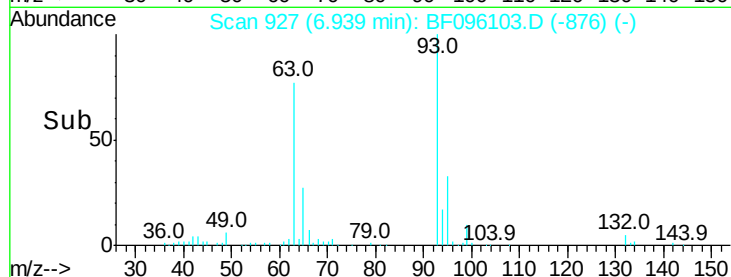
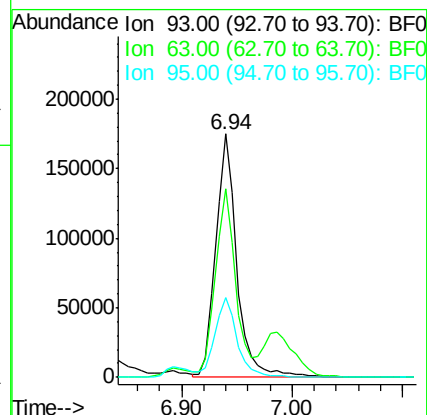
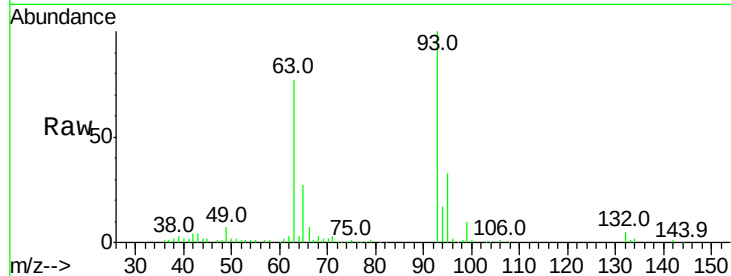




#11
bis(2-Chloroethyl)ether
Concen: 40.36 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

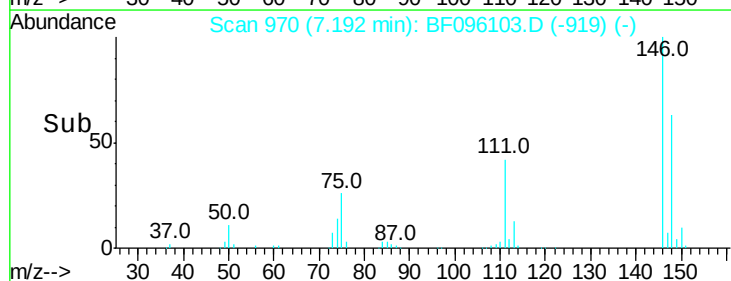
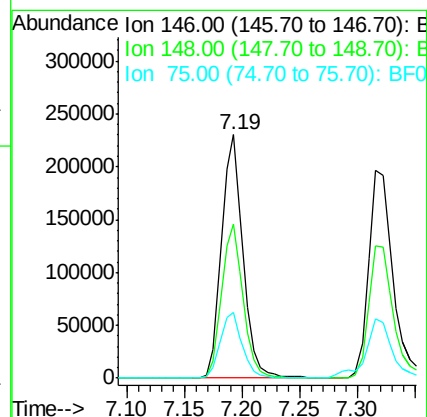
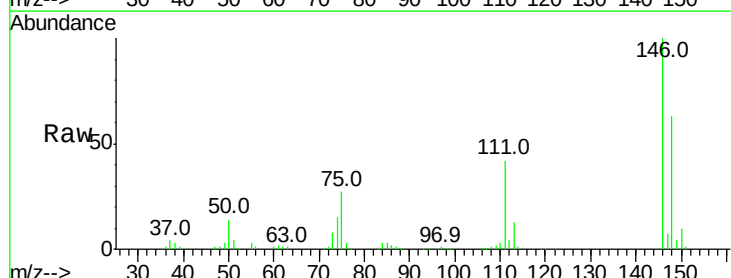
Instrument :
BNA_F
ClientSampled :

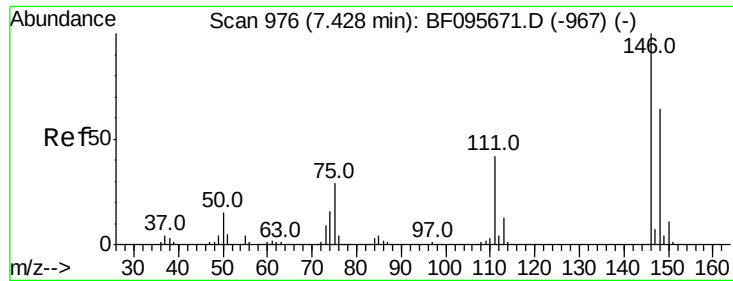
Tot Ion: 93 Resp: 227079
Ion Ratio Lower Upper
93 100
63 77.4 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.91 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion: 146 Resp: 295356
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 26.9 23.1 34.7

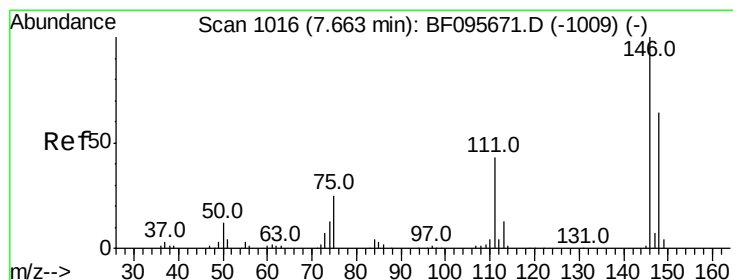
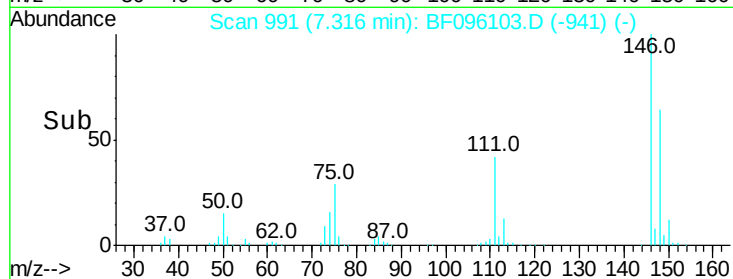
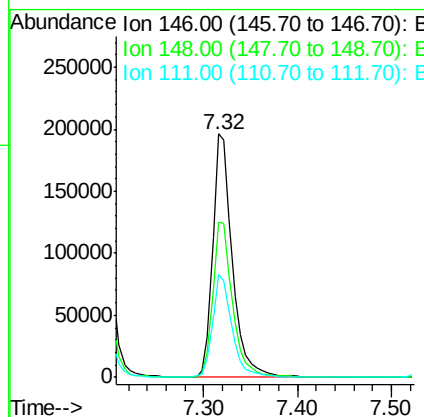
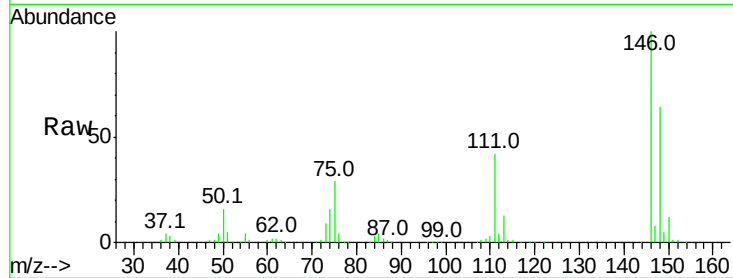




#13
 1,4-Dichlorobenzene
 Concen: 41.60 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

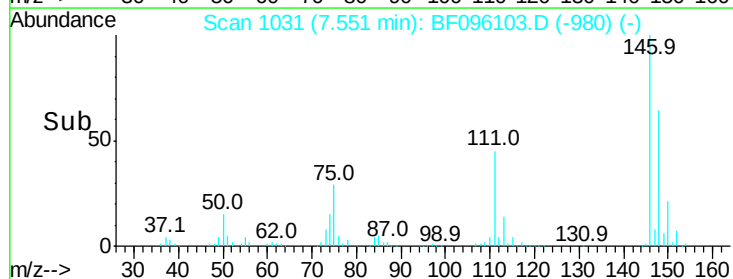
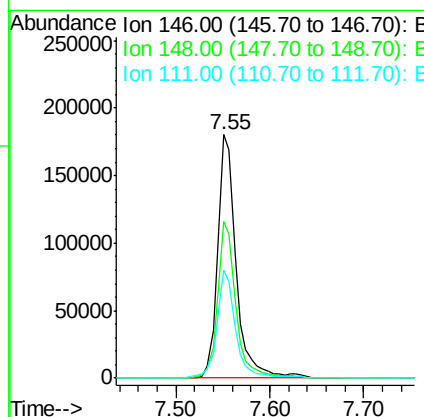
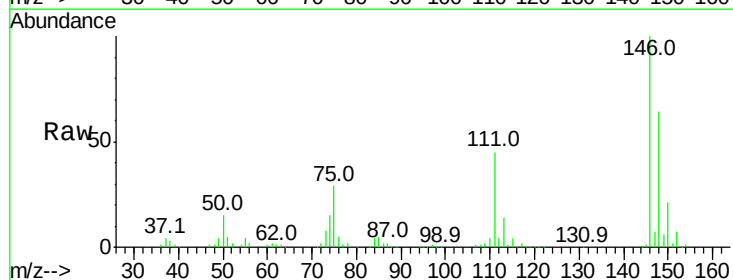
Instrument :
 BNA_F
 ClientSampled :

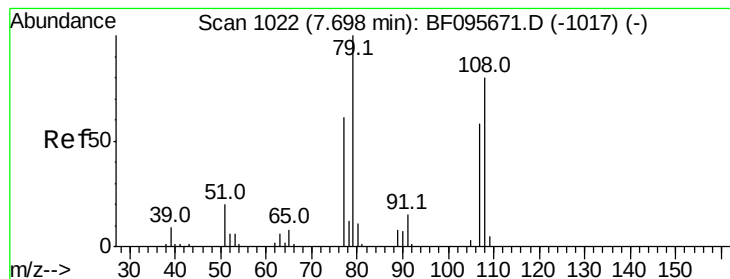
Tot Ion:146 Resp: 290347
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 42.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion:146 Resp: 249993
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 44.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 36.65 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

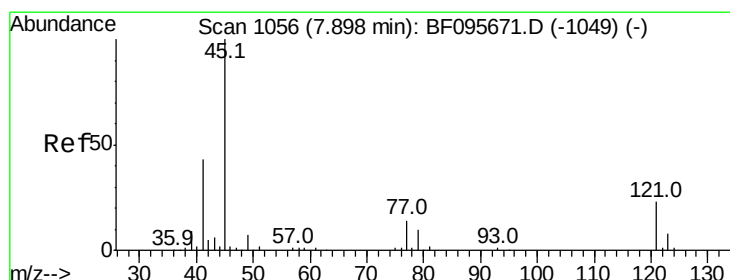
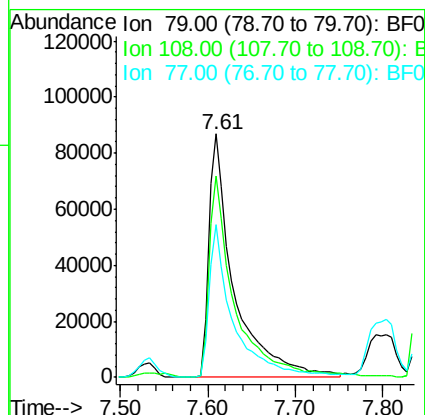
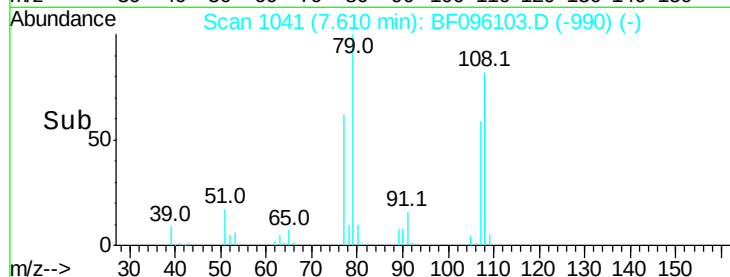
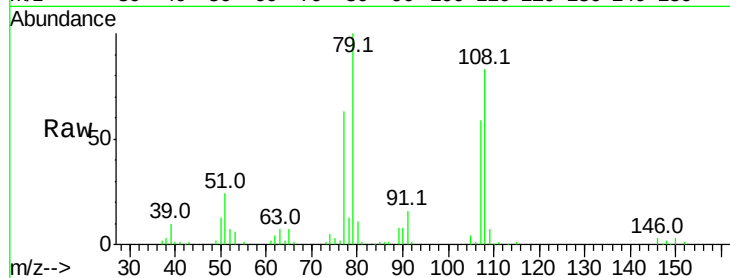
Tot Ion: 79 Resp: 172200

Ion Ratio Lower Upper

79 100

108 82.7 63.4 95.0

77 62.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.35 ng

RT: 7.79 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

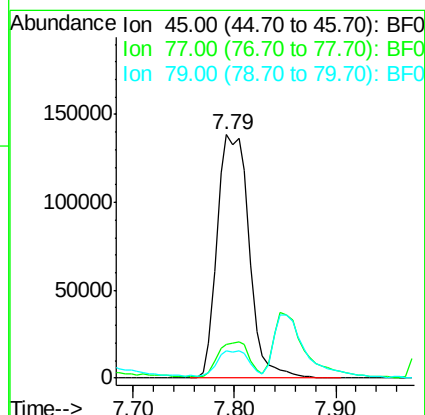
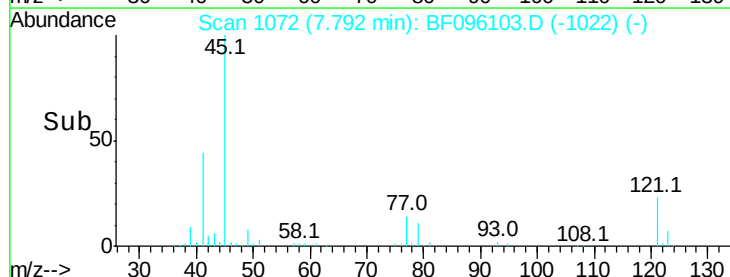
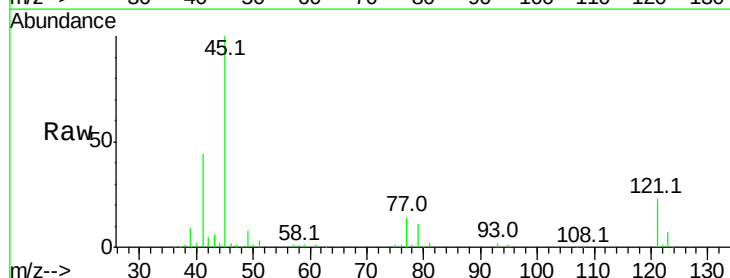
Tgt Ion: 45 Resp: 303129

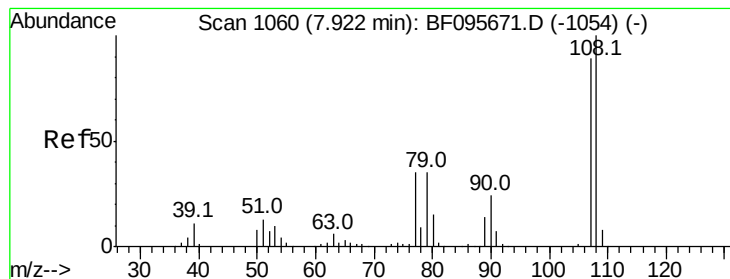
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 11.0 0.0 30.0

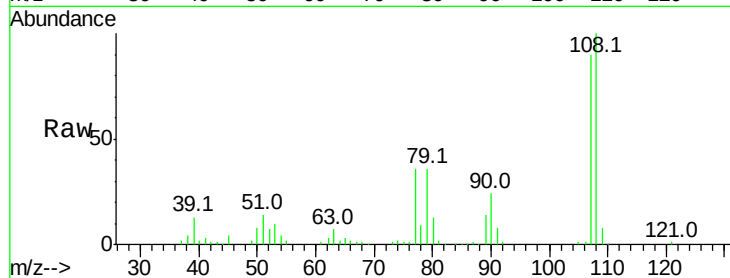




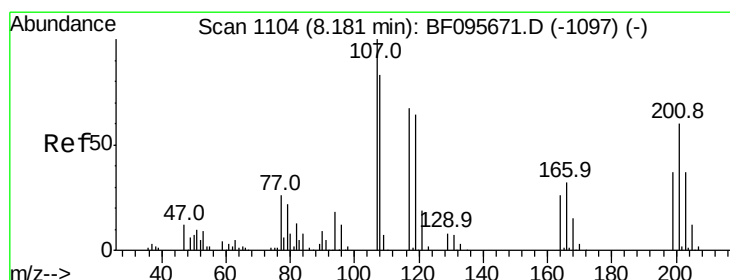
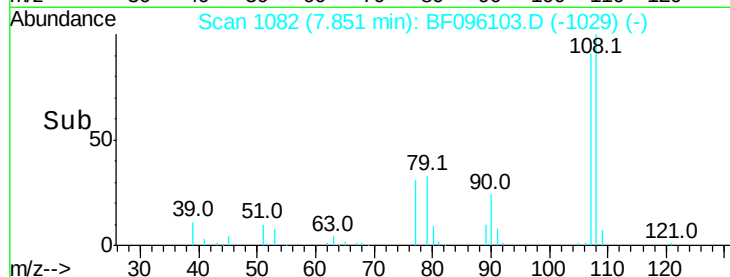
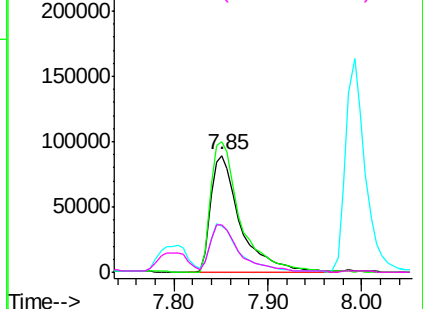
#17
2-Methylphenol
Concen: 38.74 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	93.4	140.0
77	39.9	35.8	53.6
79	40.1	34.8	52.2

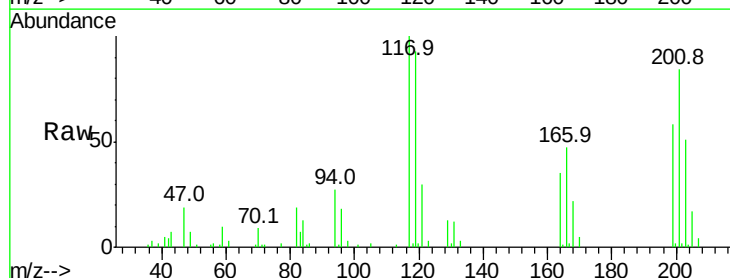


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

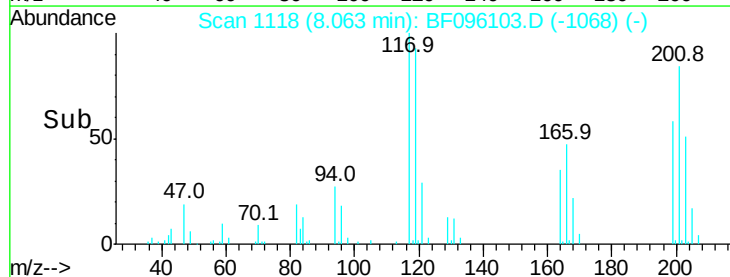
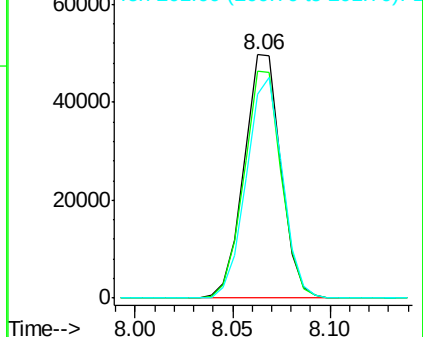


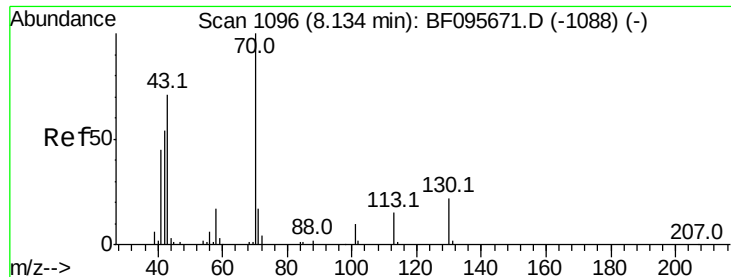
#18
Hexachloroethane
Concen: 28.21 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	84.0	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

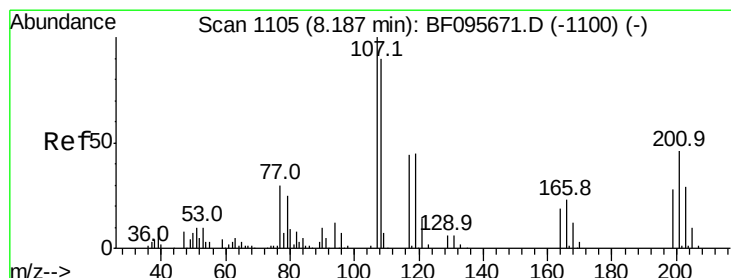
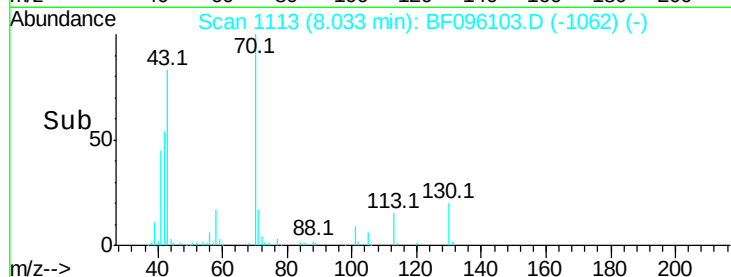
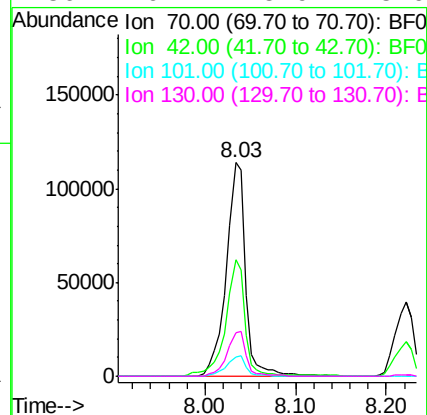
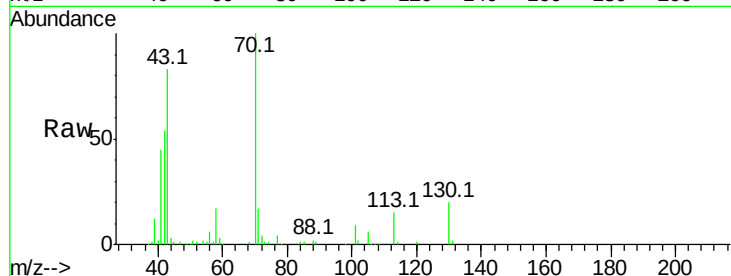




#19
n-Nitroso-di-n-propylamine
Concen: 38.49 ng
RT: 8.03 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

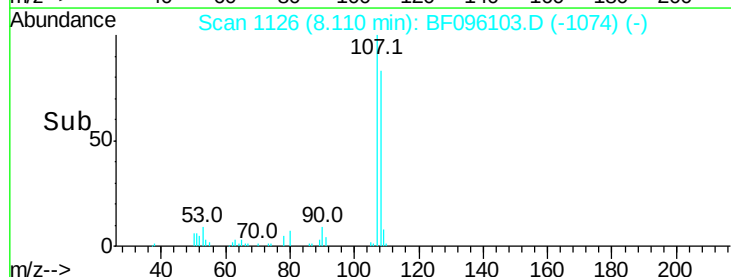
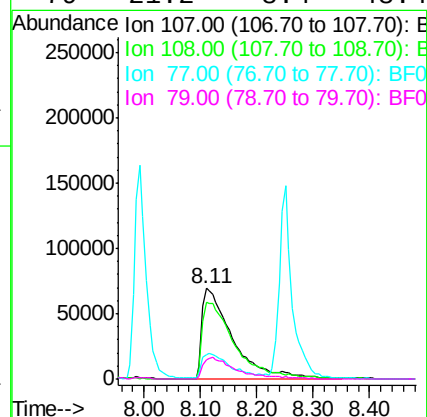
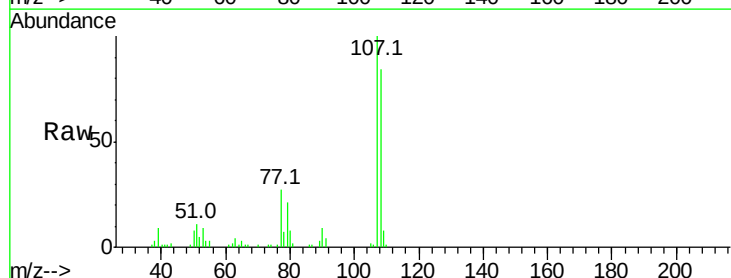
Instrument :
BNA_F
ClientSampleId :

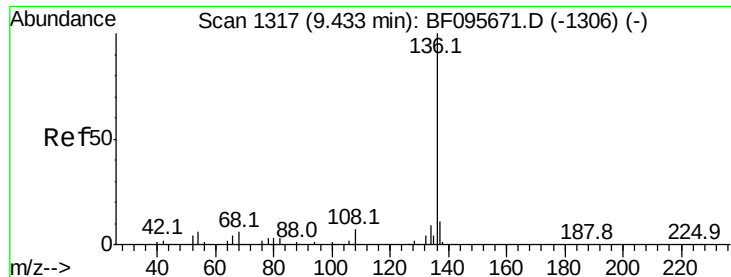
Tot Ion: 70 Resp: 167006
Ion Ratio Lower Upper
70 100
42 54.3 47.2 70.8
101 9.3 7.2 10.8
130 20.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.56 ng
RT: 8.11 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion: 107 Resp: 262756
Ion Ratio Lower Upper
107 100
108 84.0 71.0 111.0
77 27.4 90.5 130.5#
79 21.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 360189

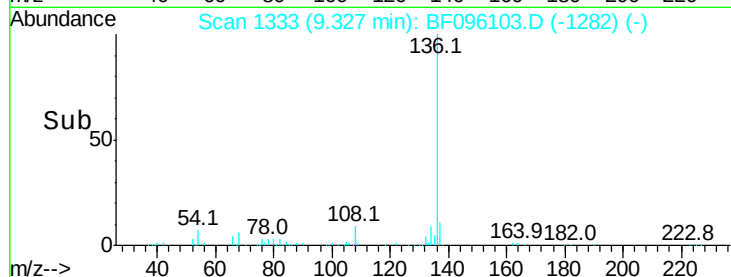
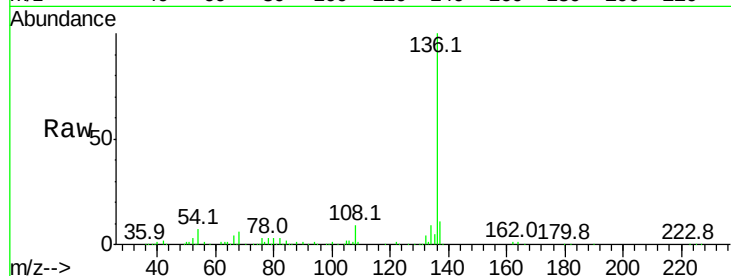
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

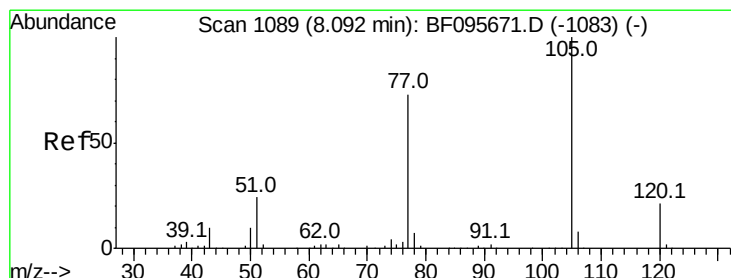
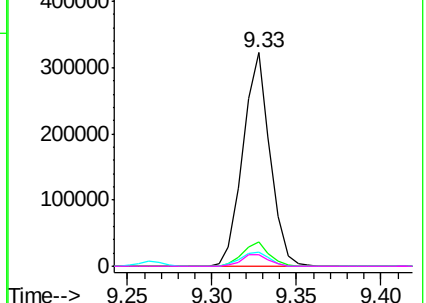


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.67 ng

RT: 7.99 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:105 Resp: 326025

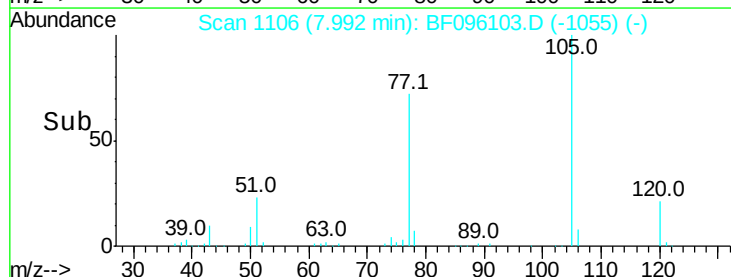
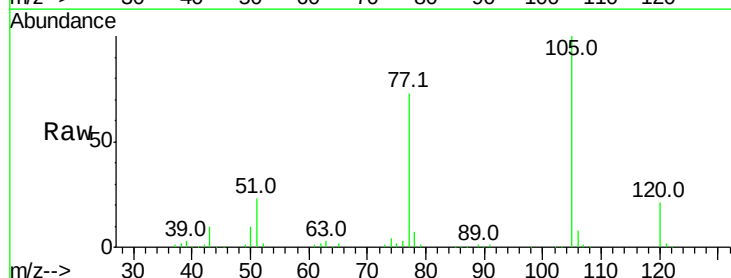
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.1 30.7 46.1#

120 21.4 17.4 26.0

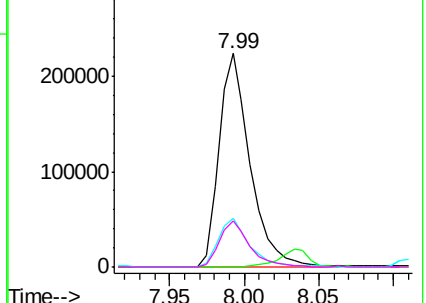


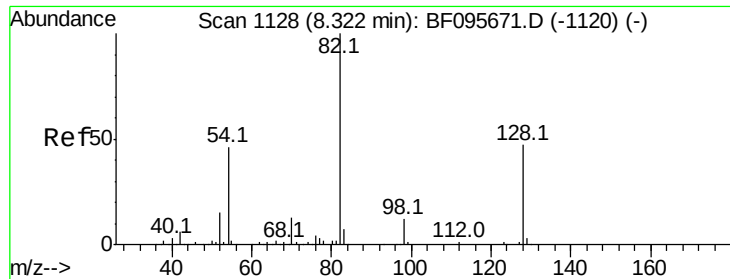
Abundance Ion 105.00 (104.70 to 105.70): E

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

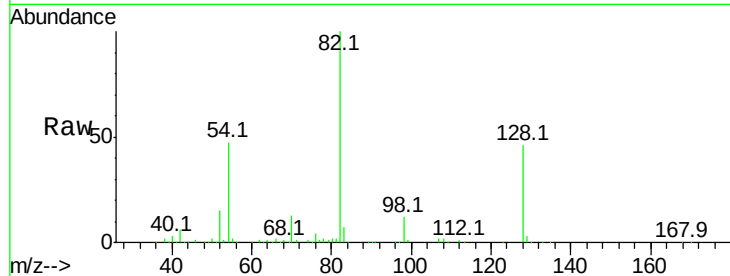




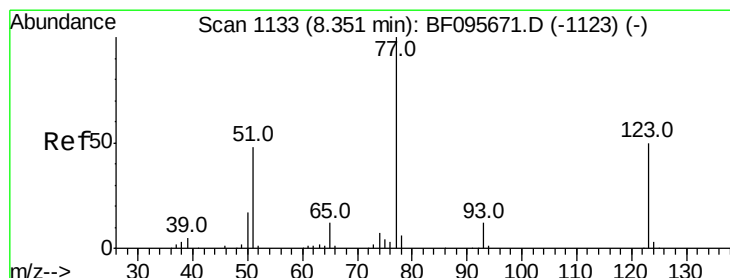
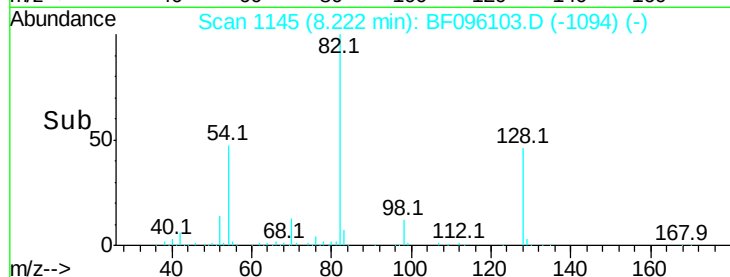
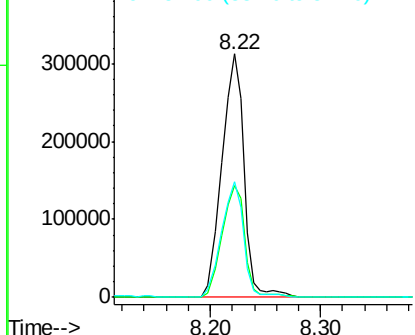
#23
Nitrobenzene-d5
Concen: 75.69 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	438989
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	47.3	42.2	63.2

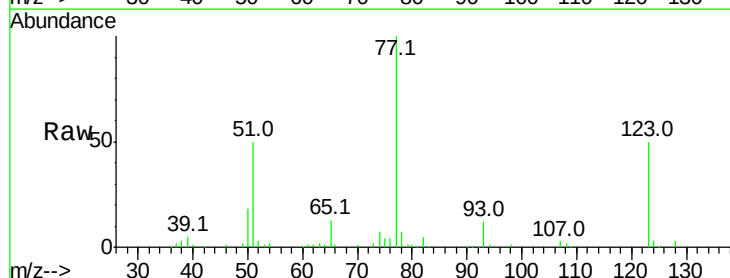


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

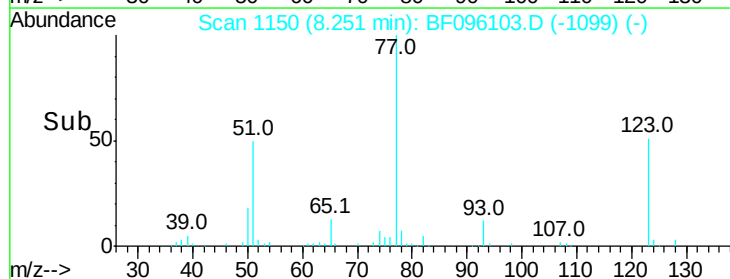
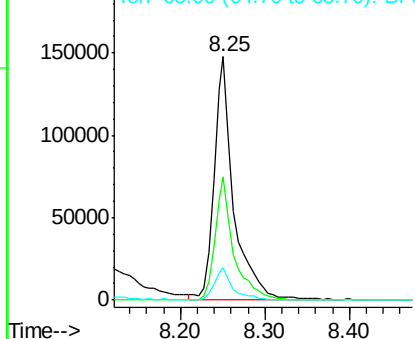


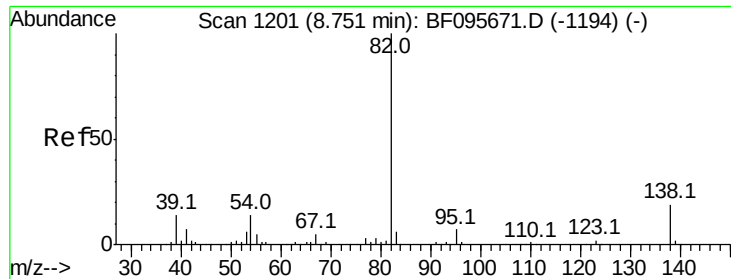
#24
Nitrobenzene
Concen: 38.32 ng
RT: 8.25 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion	77	Resp	237399
Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	13.2	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.74 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

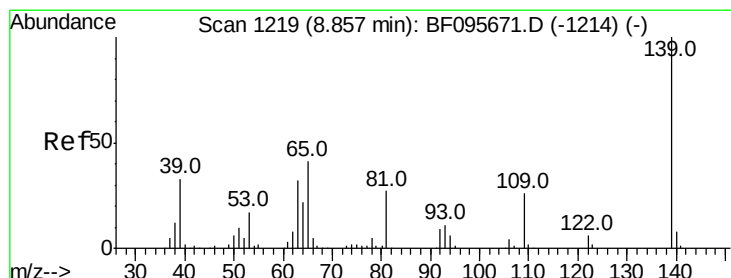
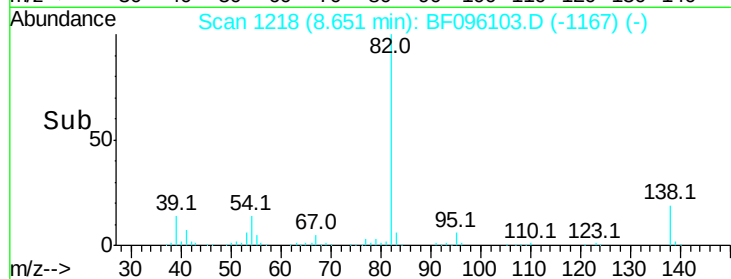
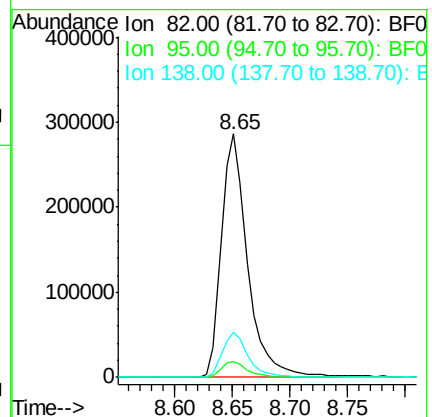
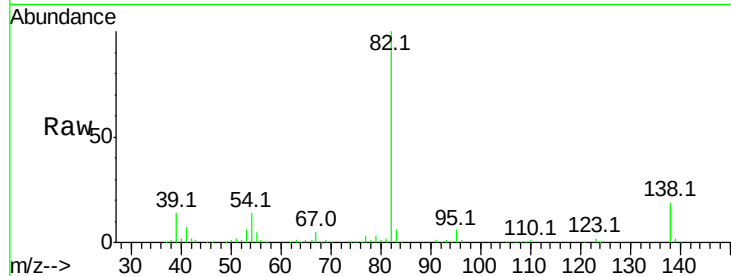
Tot Ion: 82 Resp: 452040

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 19.31 ng

RT: 8.77 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

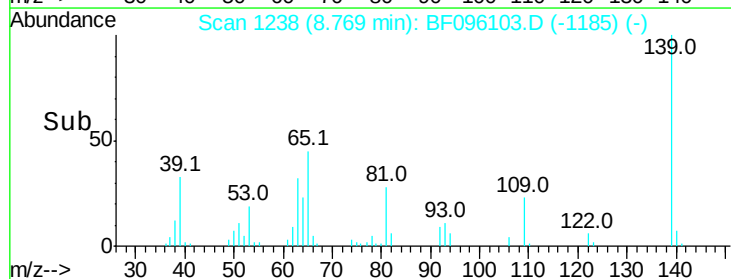
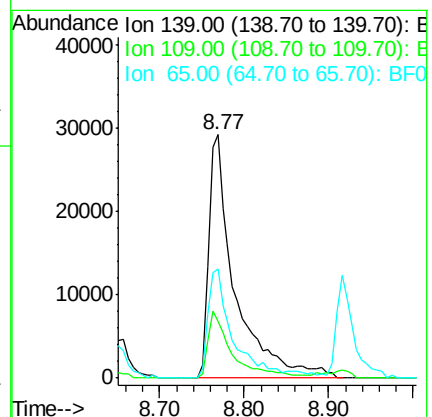
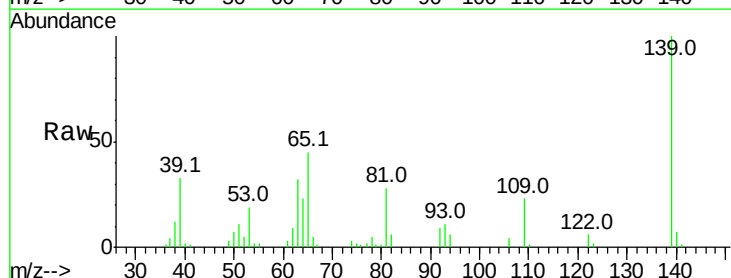
Tgt Ion:139 Resp: 62632

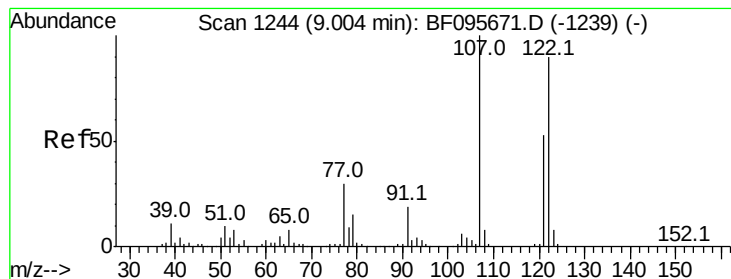
Ion Ratio Lower Upper

139 100

109 23.5 21.0 31.6

65 44.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.21 ng

RT: 8.92 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

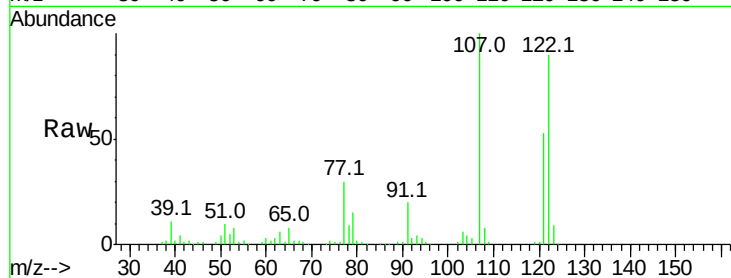
Tot Ion:122 Resp: 202466

Ion Ratio Lower Upper

122 100

107 110.7 89.2 133.8

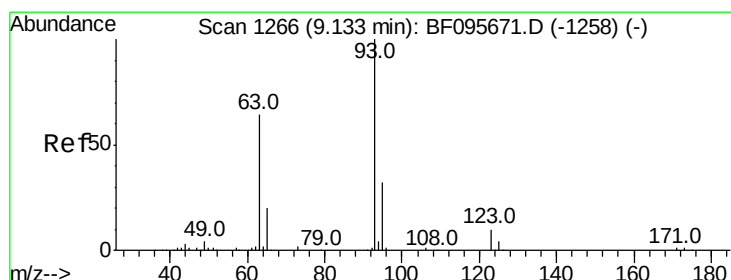
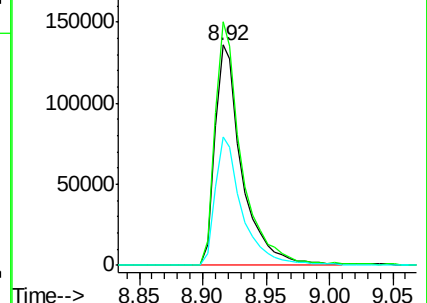
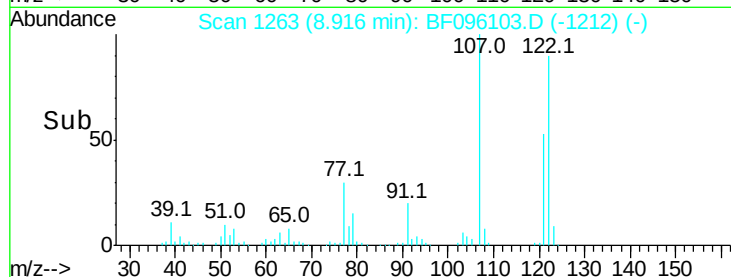
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.92 ng

RT: 9.03 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

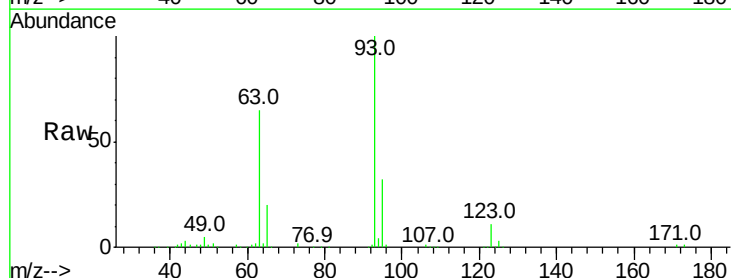
Tgt Ion: 93 Resp: 306409

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

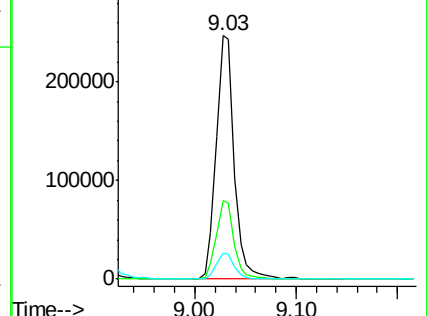
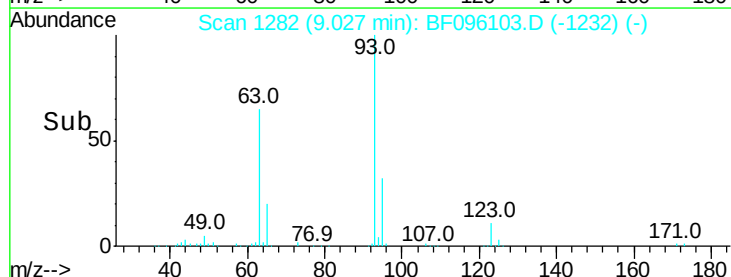
123 10.7 9.0 13.4

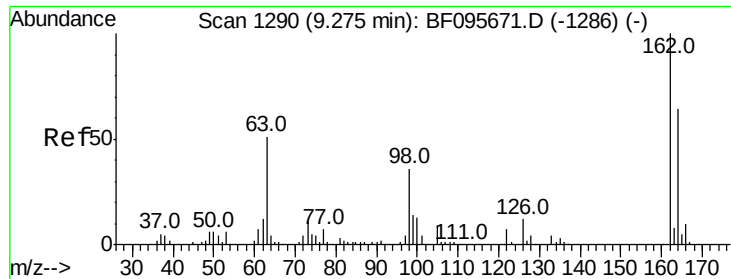


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

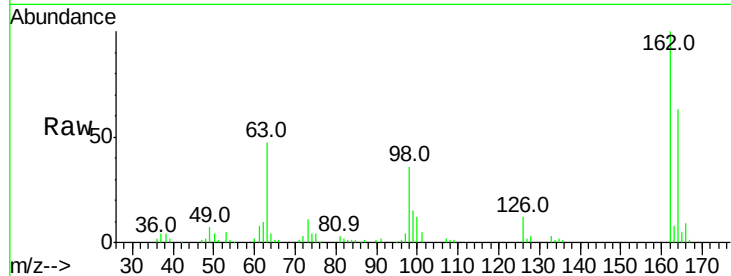




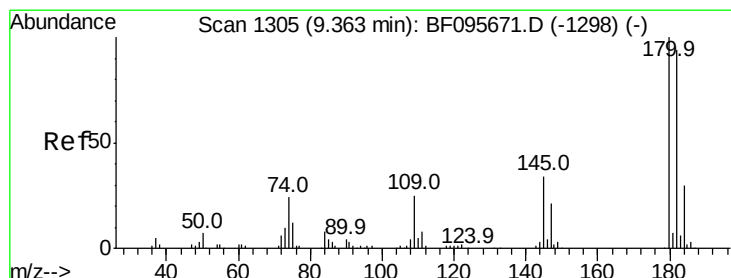
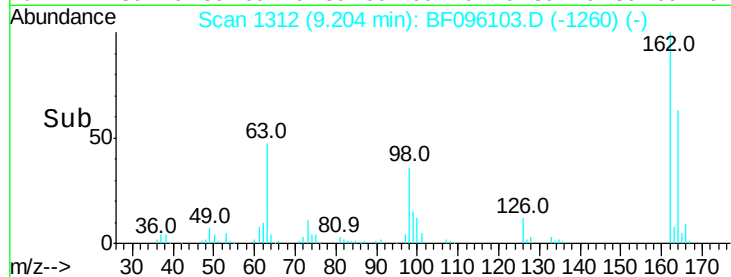
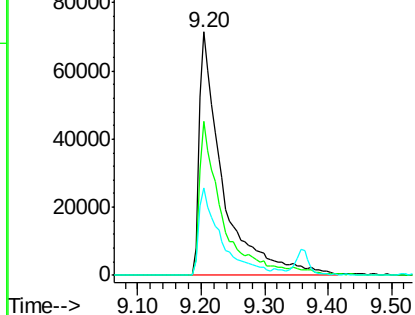
#29
 2,4-Dichlorophenol
 Concen: 37.76 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.9	14.8	54.8

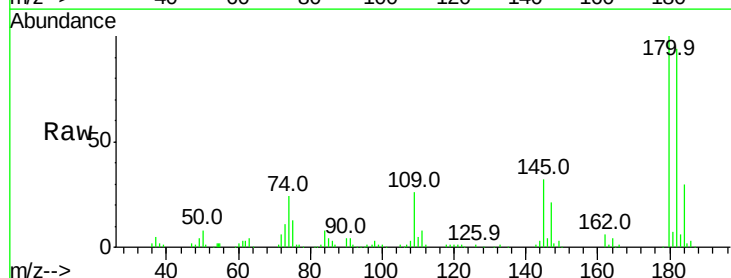


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

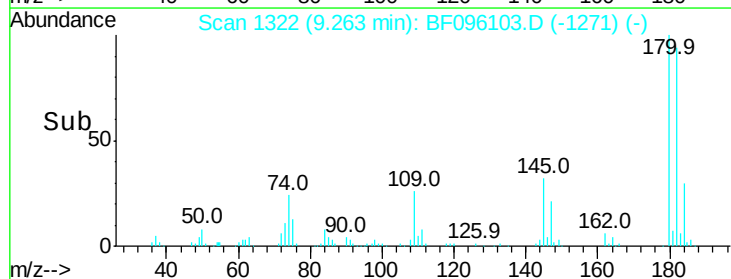
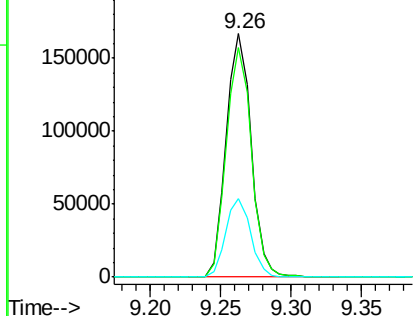


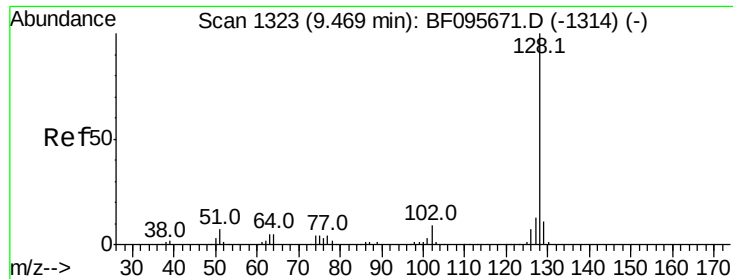
#30
 1,2,4-Trichlorobenzene
 Concen: 40.94 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	32.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

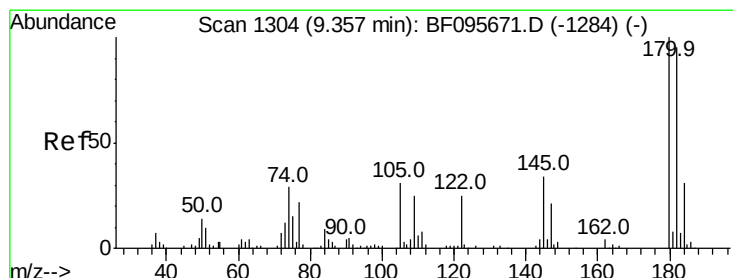
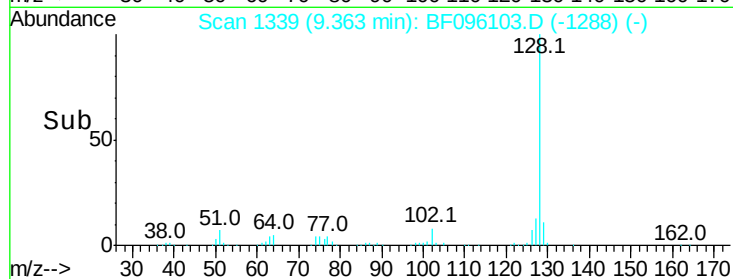
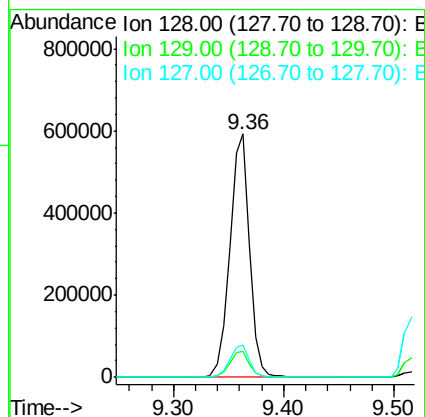
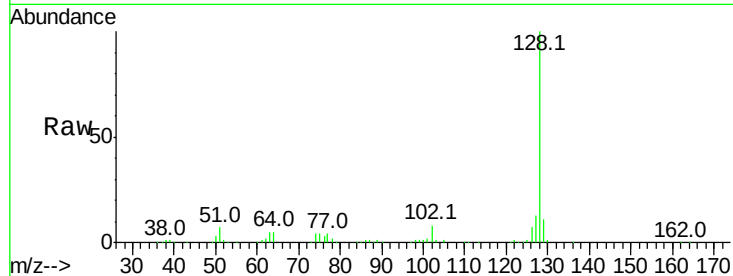




#31
Naphthalene
Concen: 40.80 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

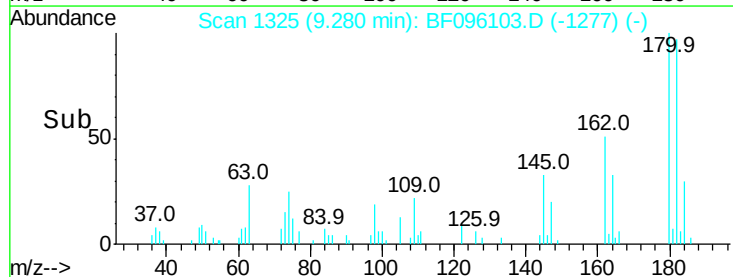
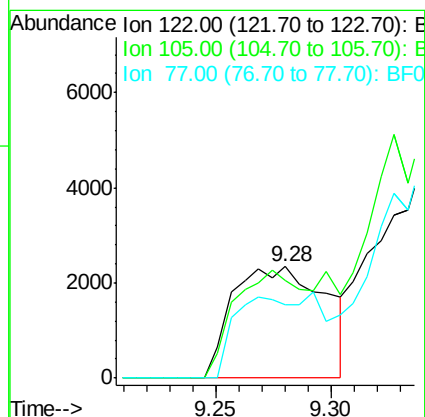
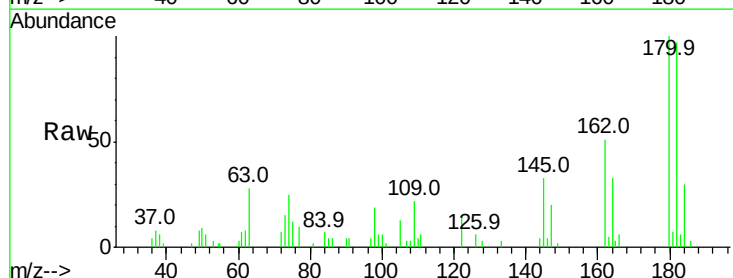
Instrument :
BNA_F
ClientSampleId :

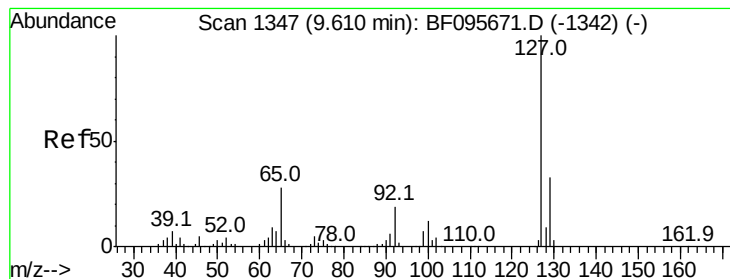
Tot Ion:128 Resp: 737558
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 6.97 ng
RT: 9.28 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:122 Resp: 6545
Ion Ratio Lower Upper
122 100
105 87.9 103.3 143.3#
77 66.3 73.7 113.7#





#33

4-Chloroaniline

Concen: 39.06 ng

RT: 9.52 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 275994

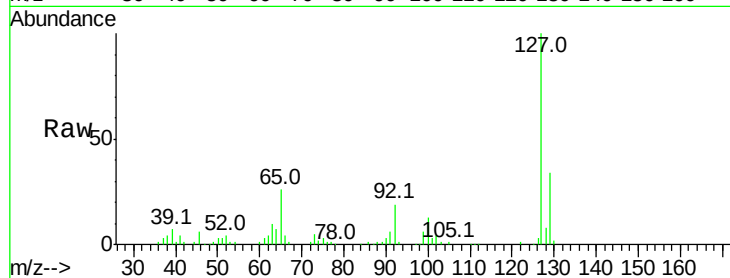
Ion Ratio Lower Upper

127 100

129 33.6 26.2 39.2

65 26.4 27.8 41.8#

92 18.8 16.8 25.2

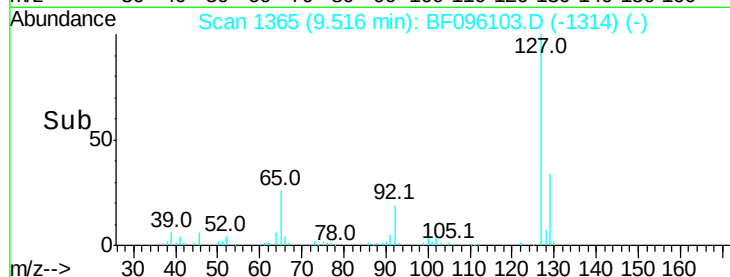


Abundance Ion 127.00 (126.70 to 127.70): E

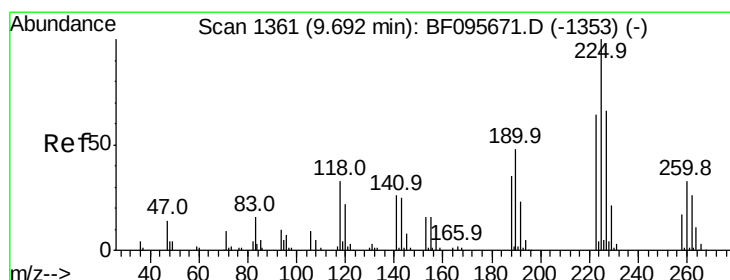
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time--> 9.40 9.50 9.60 9.70



#34

Hexachlorobutadiene

Concen: 40.08 ng

RT: 9.58 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

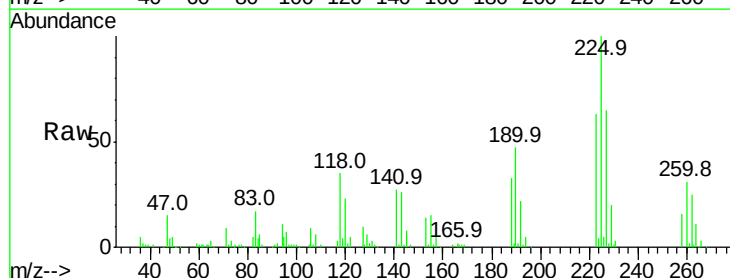
Tgt Ion:225 Resp: 104498

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

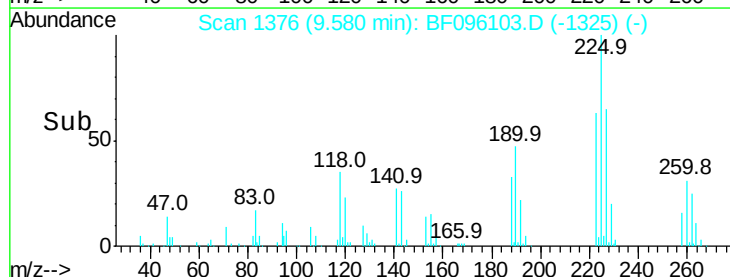
227 65.2 51.1 76.7



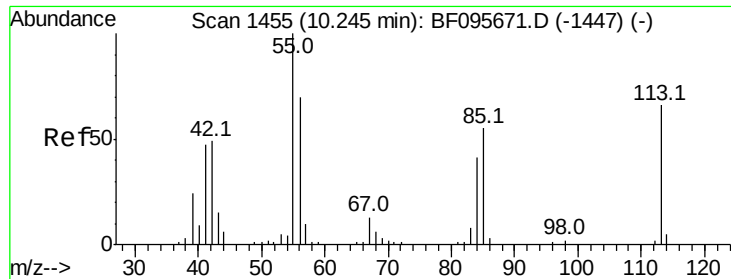
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



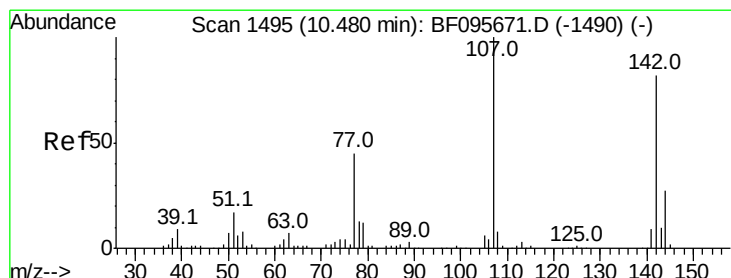
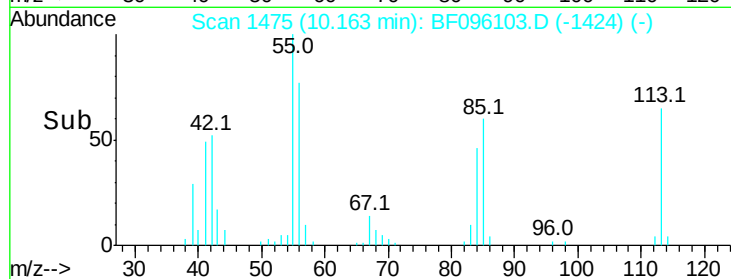
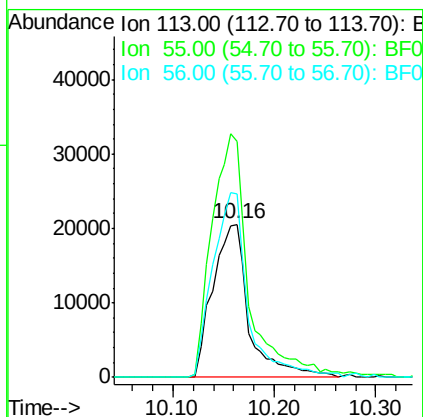
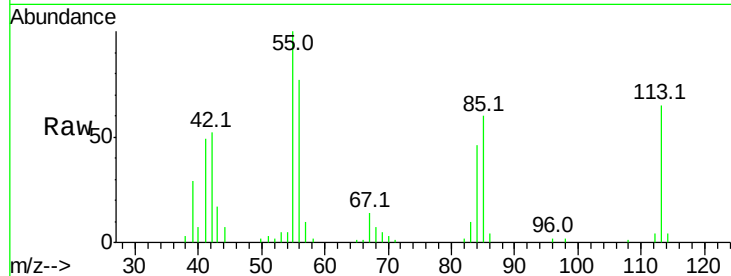
Time--> 9.50 9.55 9.60 9.65



#35
 Caprolactam
 Concen: 35.38 ng
 RT: 10.16 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

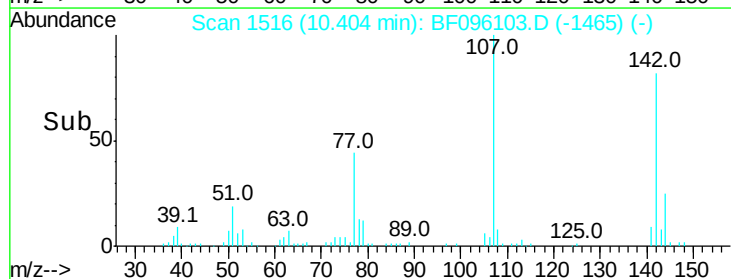
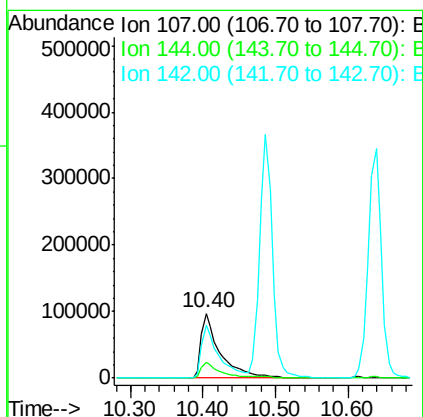
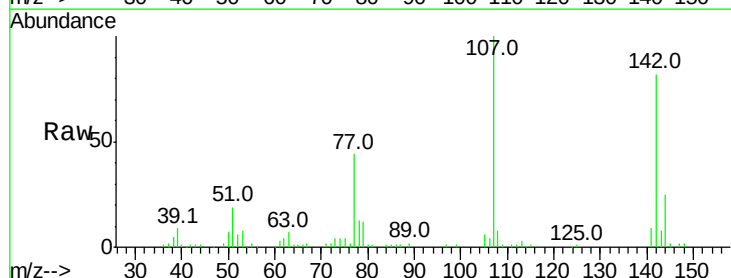
Instrument :
 BNA_F
 ClientSampled :

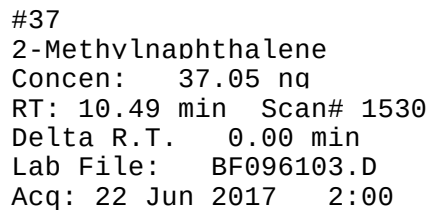
Tot Ion:113 Resp: 51042
 Ion Ratio Lower Upper
 113 100
 55 154.4 150.2 190.2
 56 119.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 35.24 ng
 RT: 10.40 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

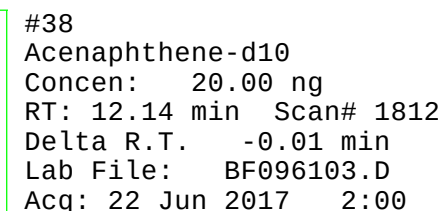
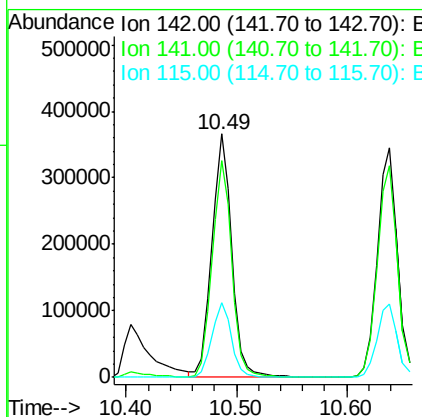
Tgt Ion:107 Resp: 178857
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 81.8 73.4 110.0



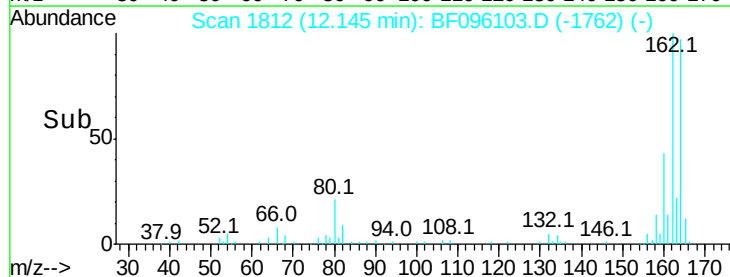
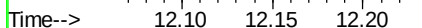
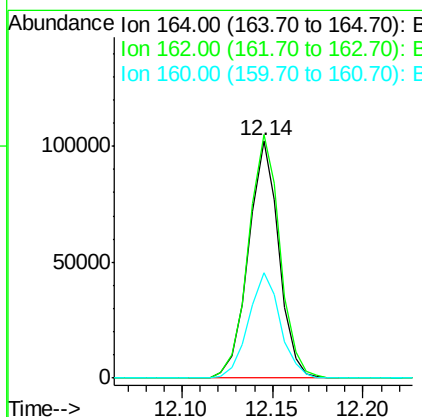


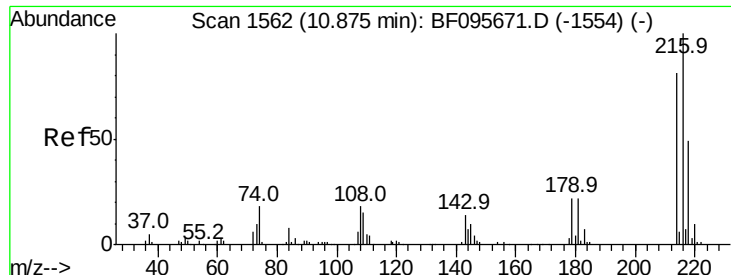
Instrument :
BNA_F
ClientSampleId :

Tqt	Ion:142	Resp:	452519
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.9	27.1	40.7



Tgt	Ion:164	Resp:	118971
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.94 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

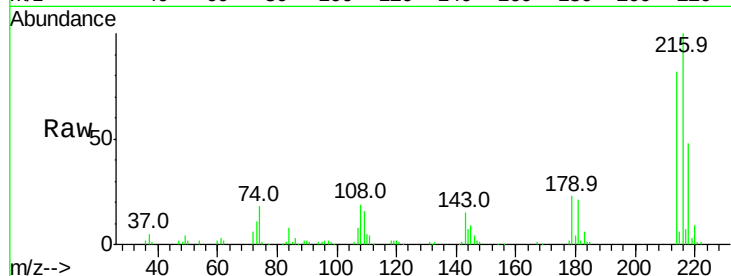
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 167150

Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.2
179	22.1	17.9	26.9
108	18.6	16.5	24.7

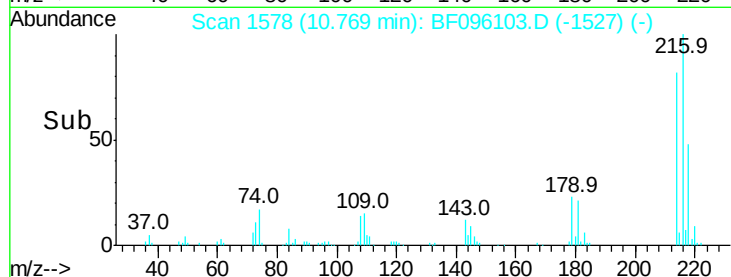


Abundance Ion 216.00 (215.70 to 216.70): E

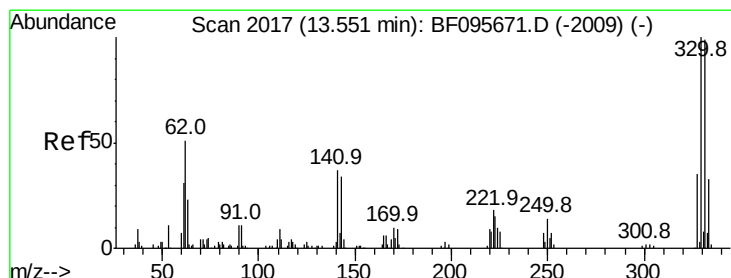
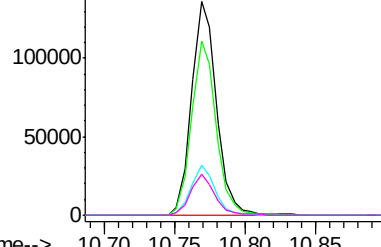
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 74.23 ng

RT: 13.44 min Scan# 2033

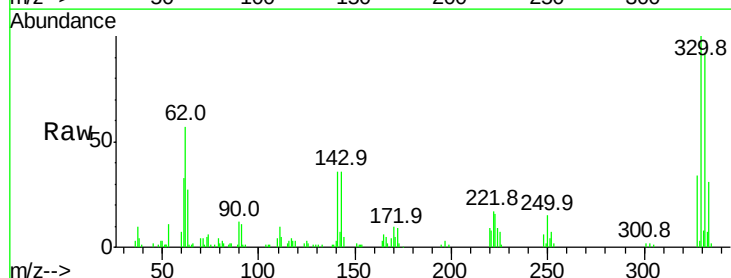
Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:330 Resp: 78137

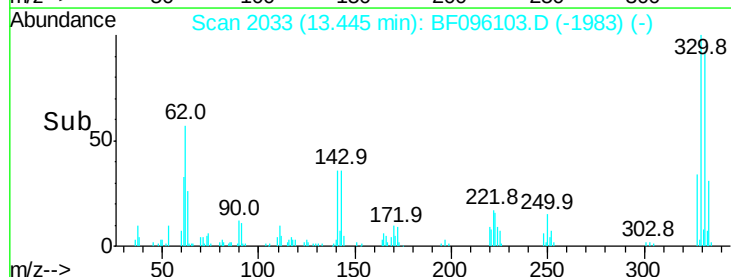
Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	37.7	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E

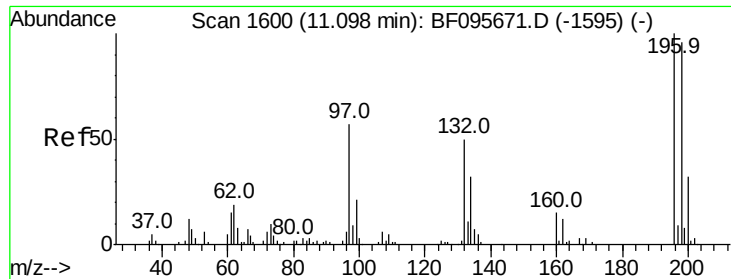
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#42

2,4,6-Trichlorophenol

Concen: 43.01 ng

RT: 11.01 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

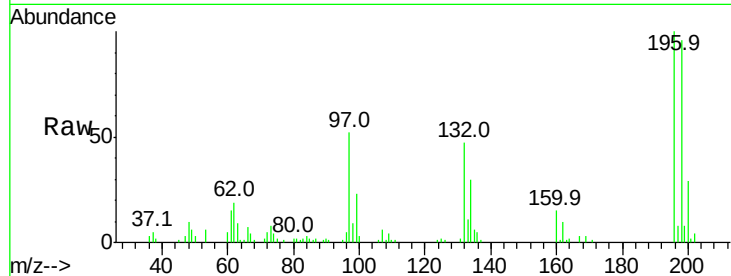
Tot Ion:196 Resp: 98470

Ion Ratio Lower Upper

196 100

198 95.5 74.2 111.4

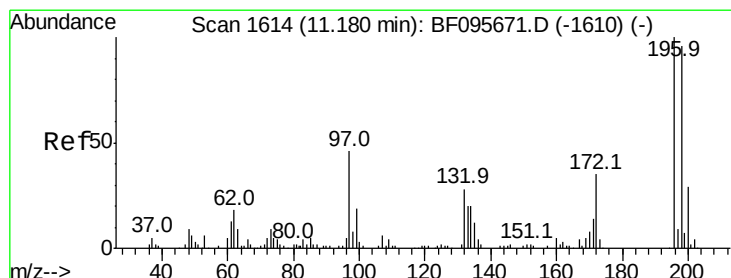
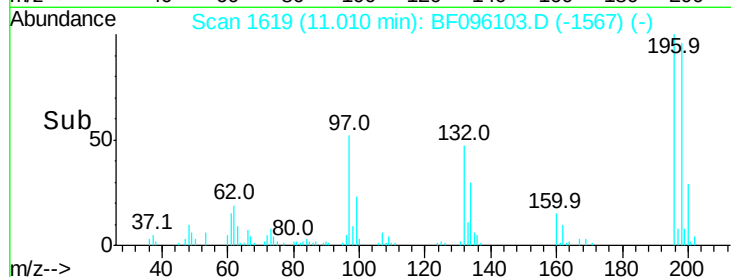
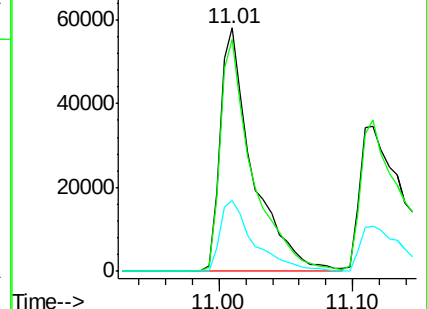
200 28.8 24.0 36.0



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: 38.73 ng

RT: 11.12 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:196 Resp: 94313

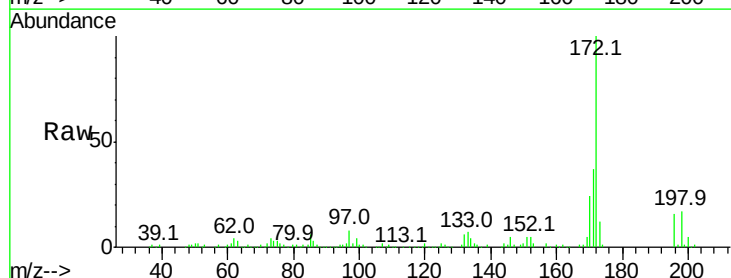
Ion Ratio Lower Upper

196 100

198 104.7 75.7 113.5

97 51.0 47.7 71.5

132 36.2 28.0 42.0

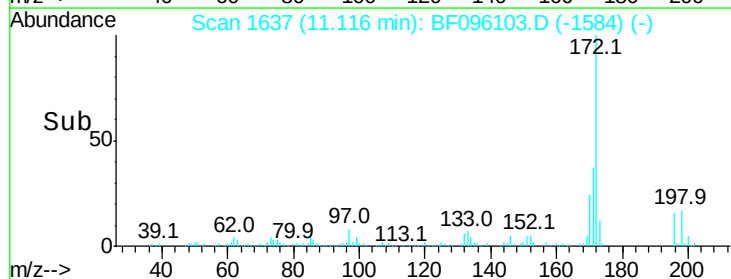
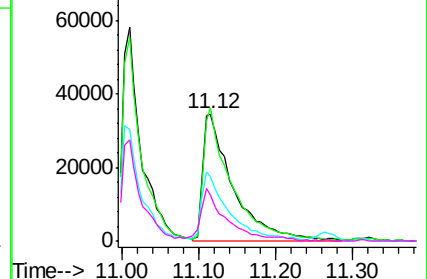


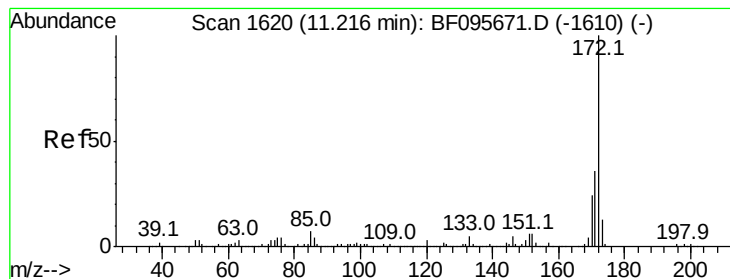
Abundance Ion 196.00 (195.70 to 196.70): E

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: 99.86 ng

RT: 11.10 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

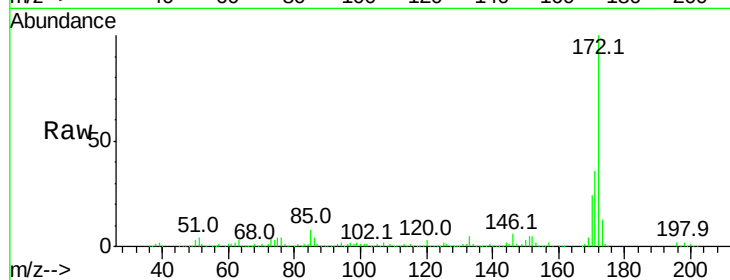
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 853744

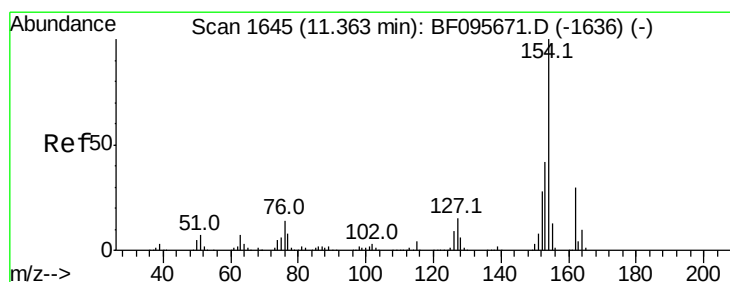
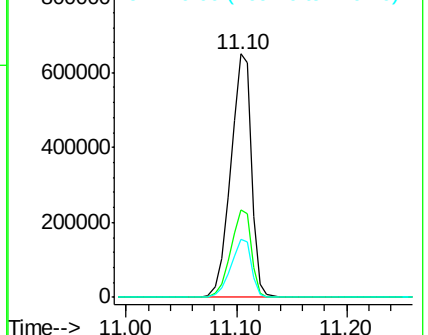
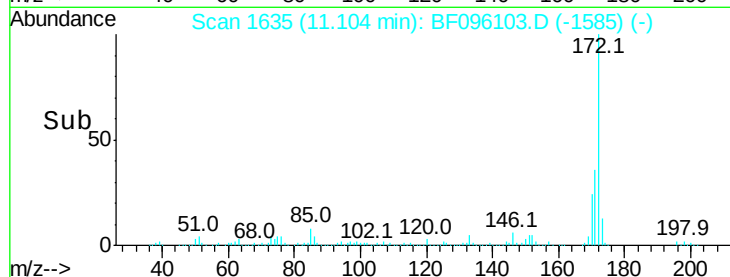
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



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: 44.44 ng

RT: 11.26 min Scan# 1661

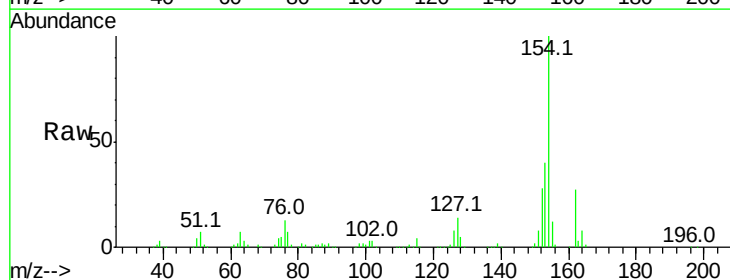
Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:154 Resp: 435774

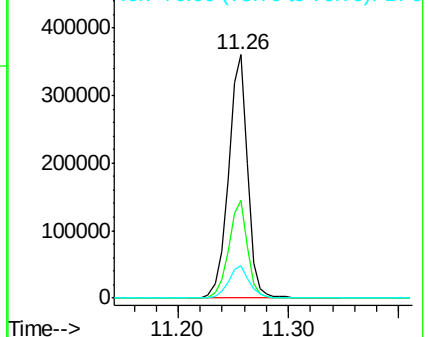
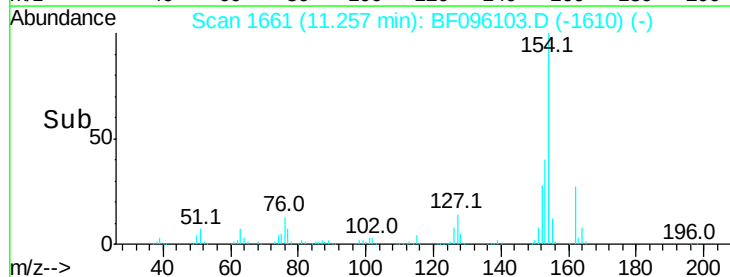
Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	13.4	0.0	29.9

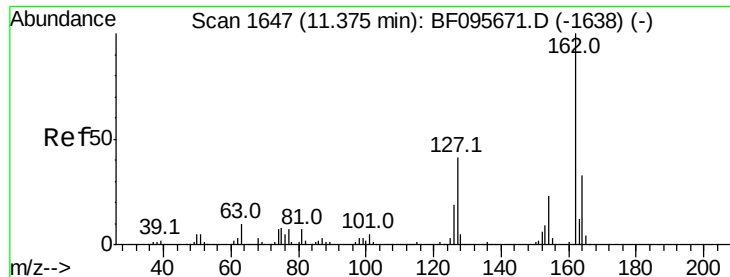


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

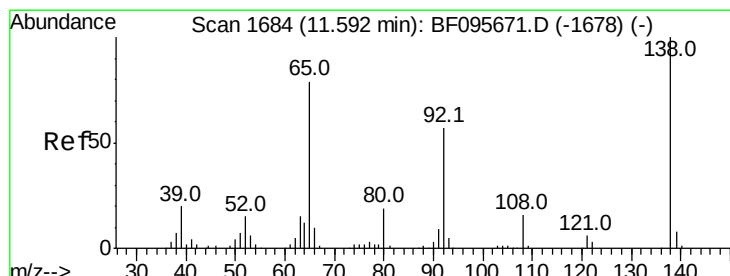
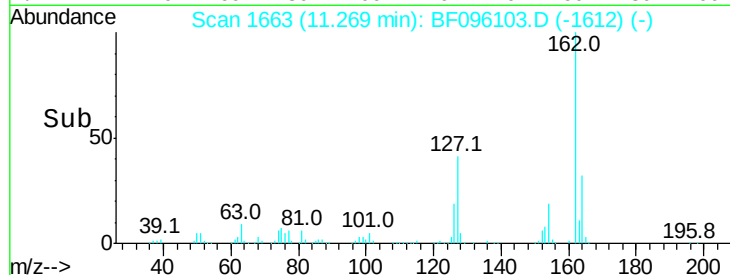
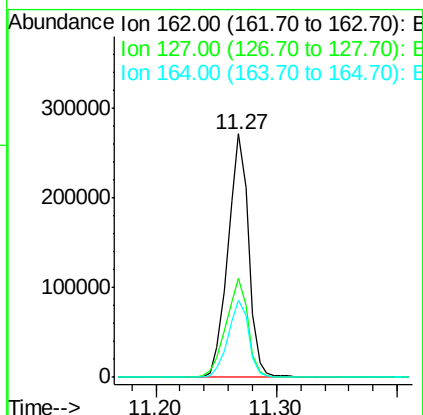
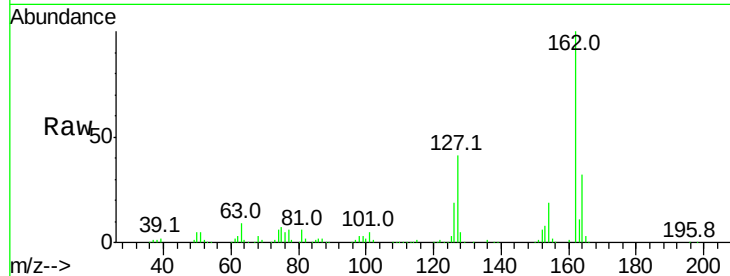




#46
 2-Chloronaphthalene
 Concen: 42.07 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

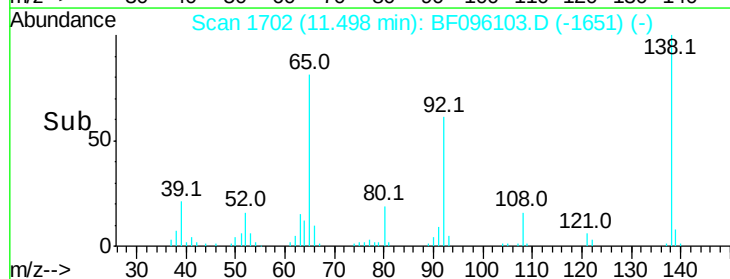
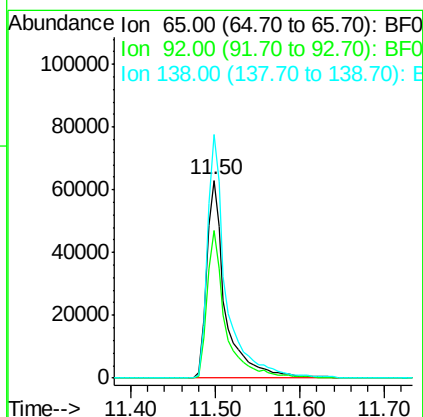
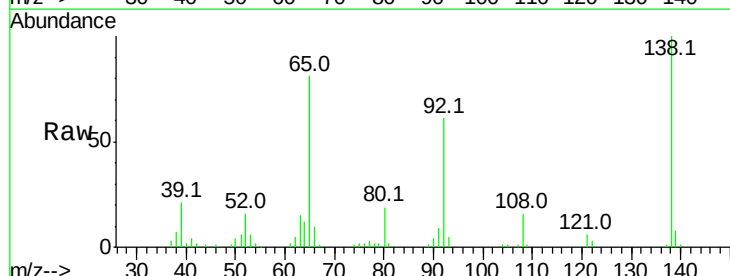
Instrument :
 BNA_F
 ClientSampleId :

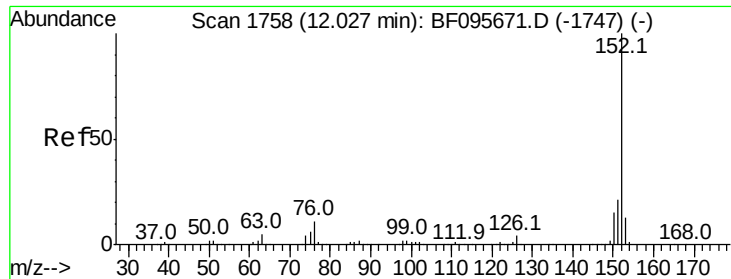
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	28.3	42.5
164	31.8	27.0	40.4



#47
 2-Nitroaniline
 Concen: 43.61 ng
 RT: 11.50 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	53.9	80.9
138	123.0	78.8	118.2





#48

Acenaphthylene

Concen: 39.12 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

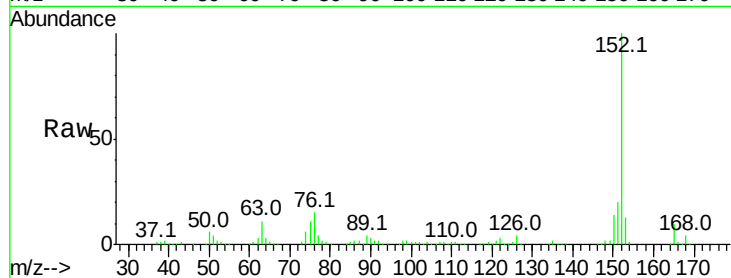
Tot Ion:152 Resp: 512506

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

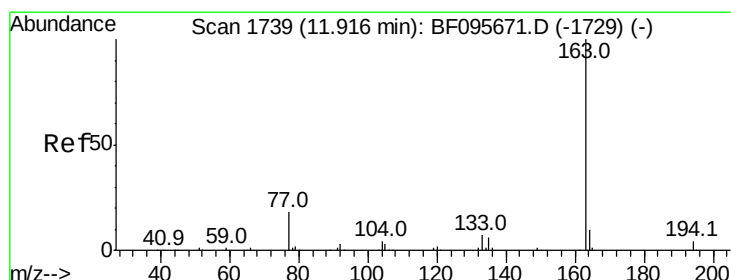
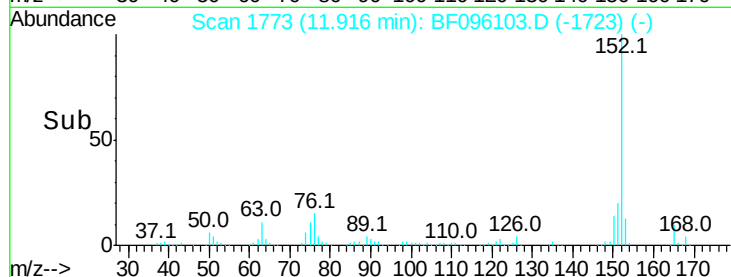
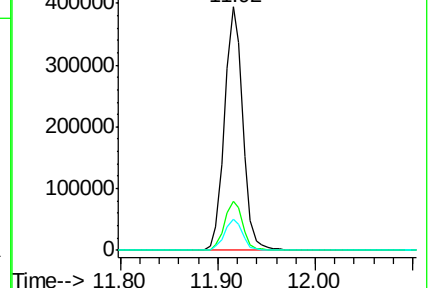
153 12.7 10.8 16.2



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: 42.32 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

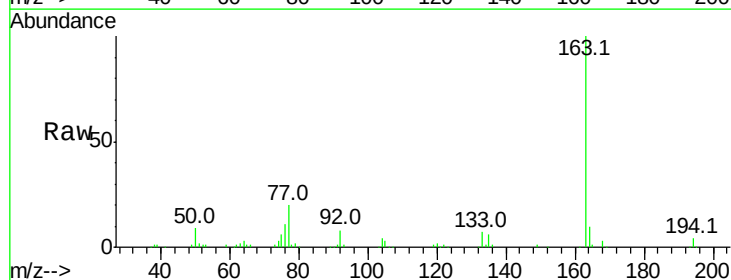
Tgt Ion:163 Resp: 382317

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

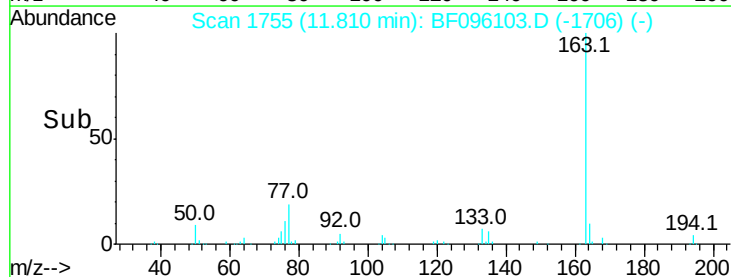
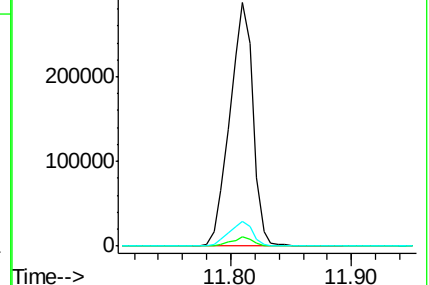
164 10.0 8.4 12.6

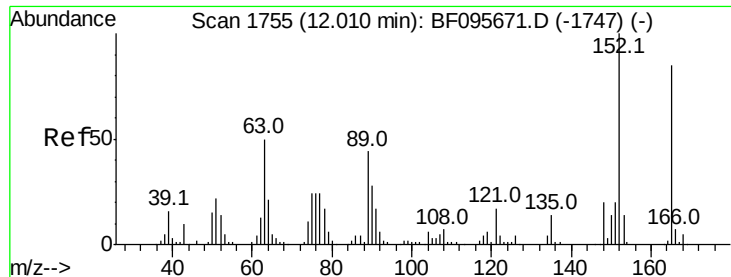


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

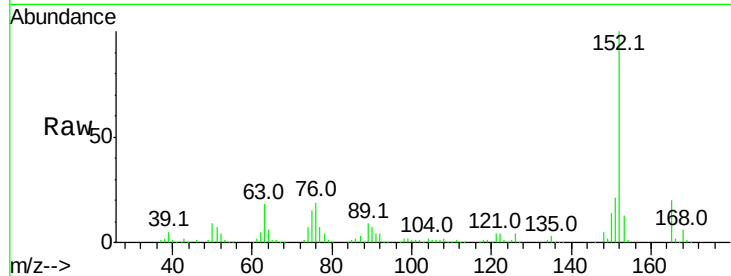




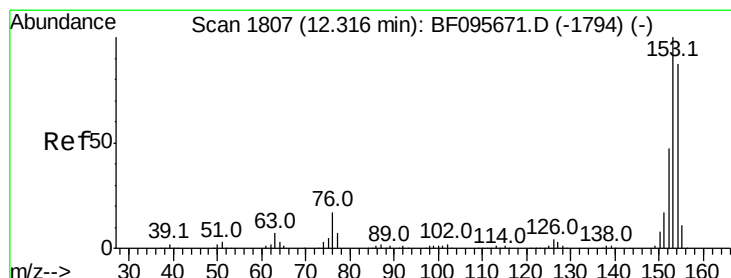
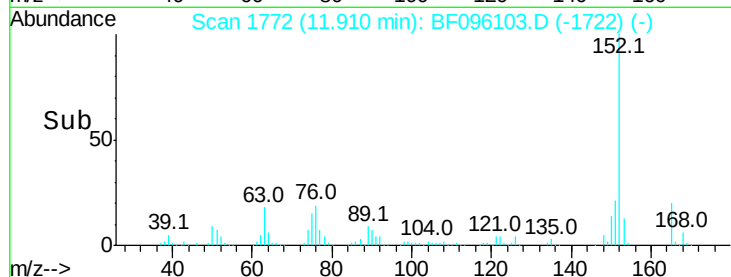
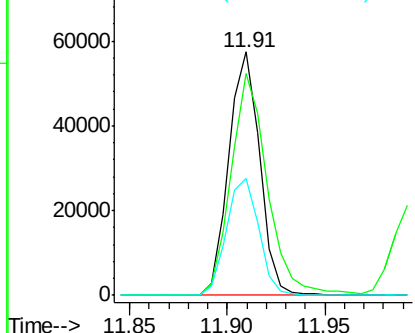
#50
2,6-Dinitrotoluene
Concen: 32.05 ng
RT: 11.91 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 63149
Ion Ratio Lower Upper
165 100
63 91.3 34.3 51.5#
89 48.2 37.1 55.7

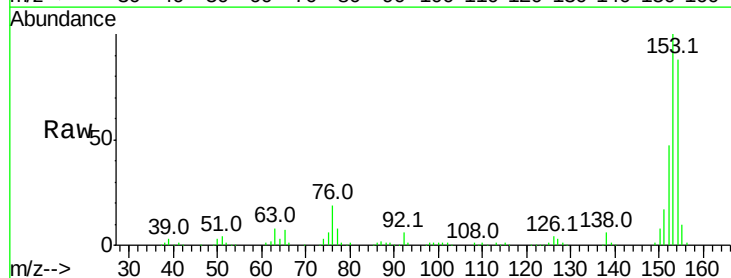


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

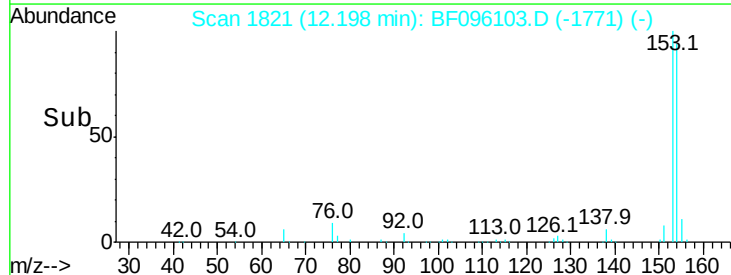
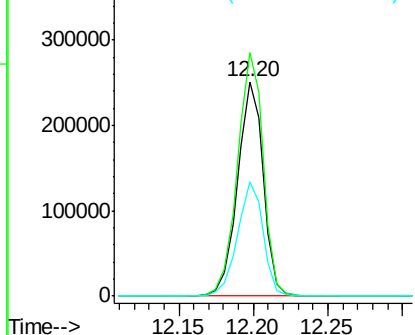


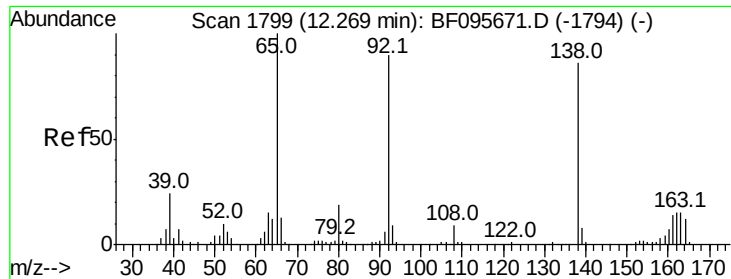
#51
Acenaphthene
Concen: 39.74 ng
RT: 12.20 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:154 Resp: 300696
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 53.3 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: 44.84 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

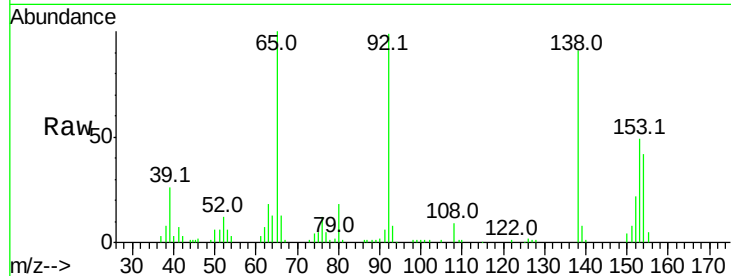
Tot Ion:138 Resp: 102932

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

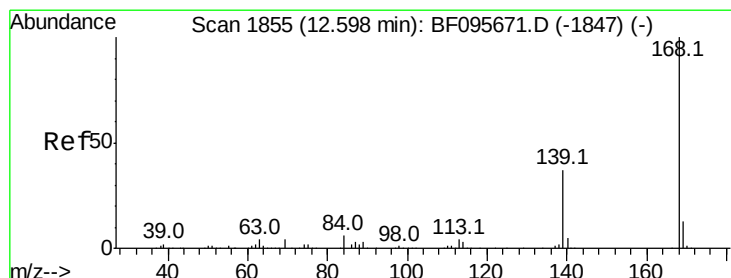
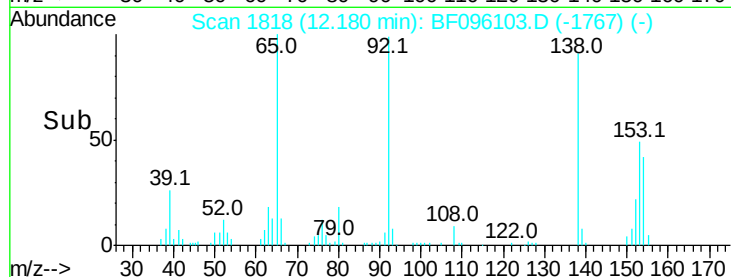
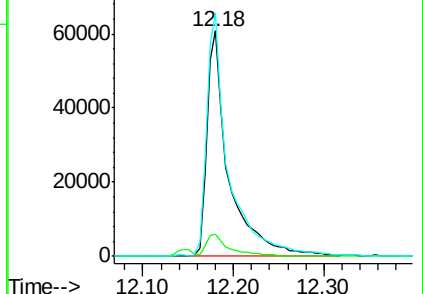
92 107.9 93.8 140.6



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



#54

Dibenzofuran

Concen: 39.55 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

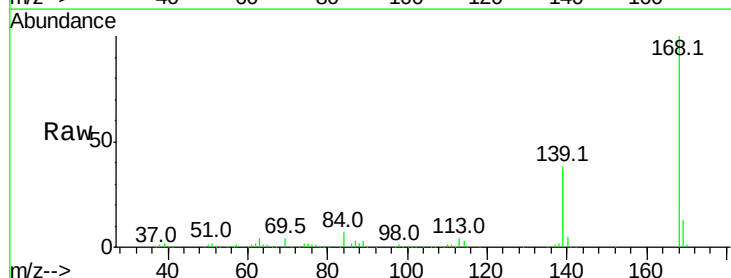
Tgt Ion:168 Resp: 421205

Ion Ratio Lower Upper

168 100

139 38.2 30.6 45.8

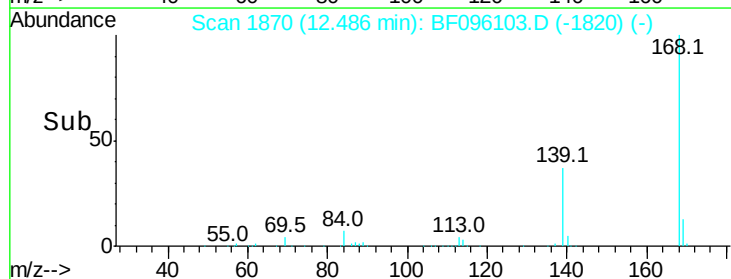
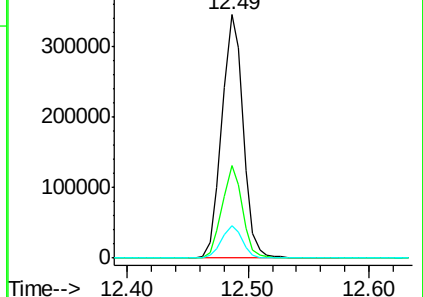
169 13.2 10.8 16.2

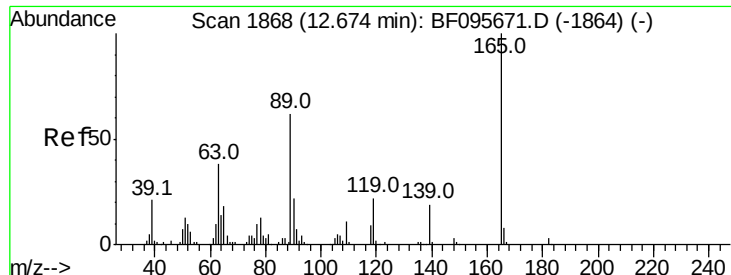


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 21.70 ng

RT: 12.68 min Scan# 1903

Delta R.T. 0.05 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

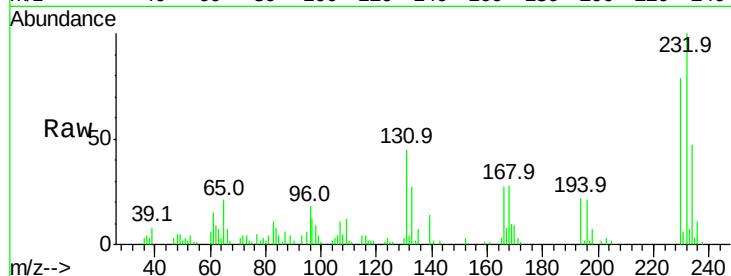
Tot Ion:139 Resp: 24285

Ion Ratio Lower Upper

139 100

109 88.9 34.1 74.1#

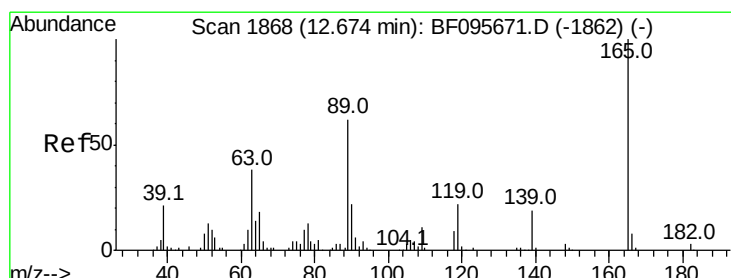
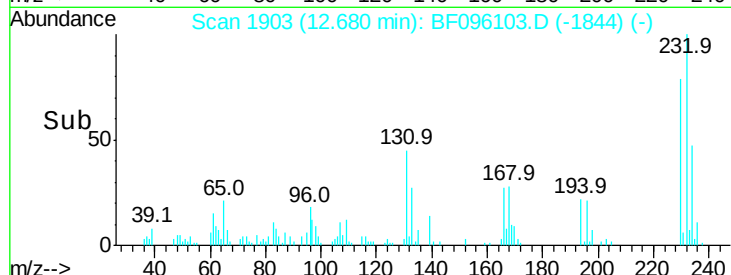
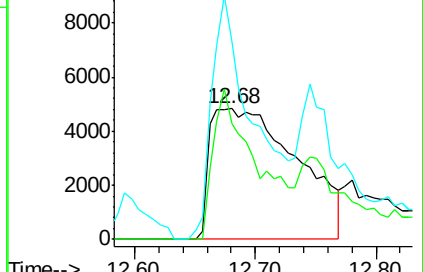
65 151.0 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 29.64 ng

RT: 12.59 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:165 Resp: 78893

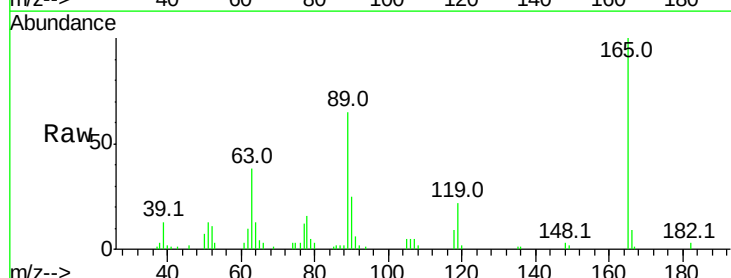
Ion Ratio Lower Upper

165 100

63 38.4 25.4 38.0#

89 65.0 46.4 69.6

182 2.8 1.8 2.6#

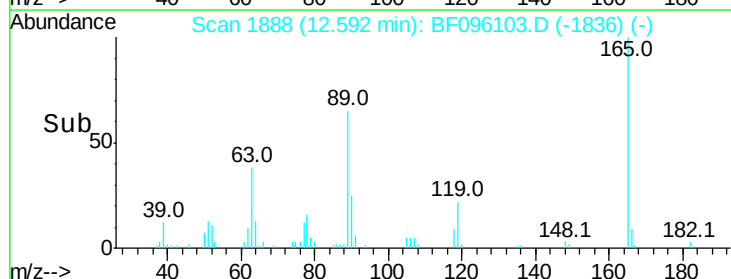
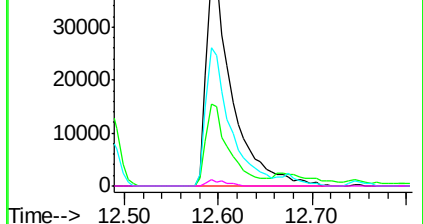


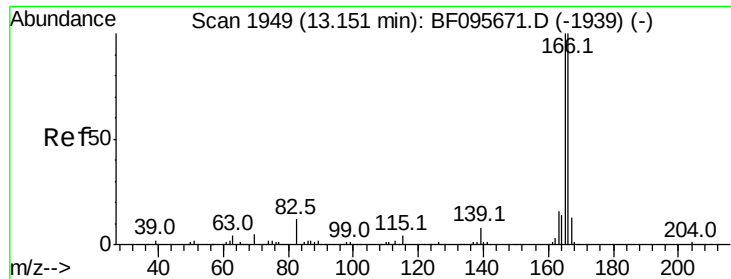
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

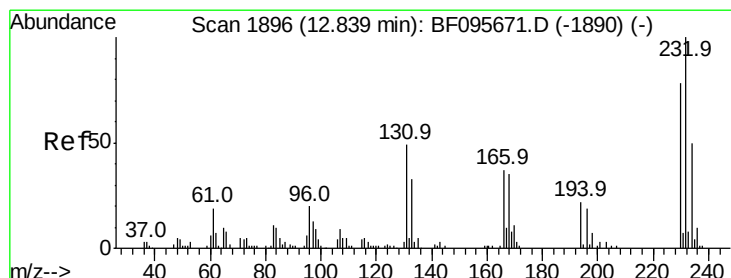
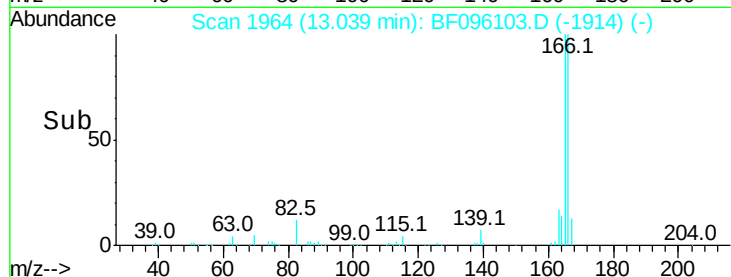
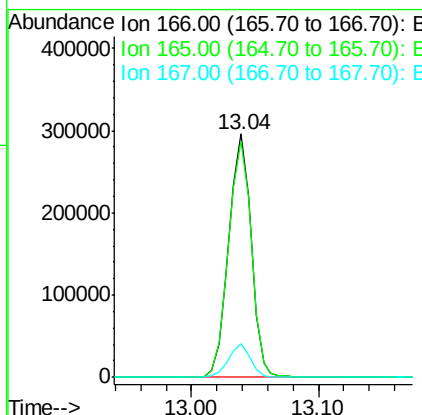
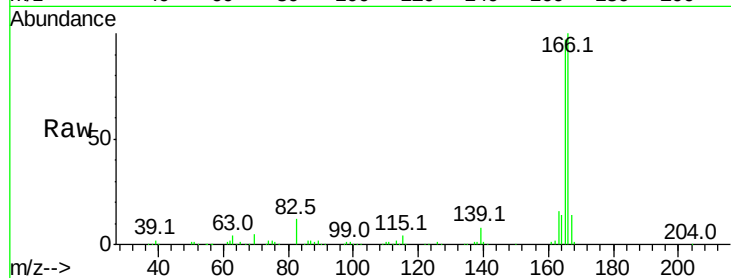




#57
 Fluorene
 Concen: 39.03 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

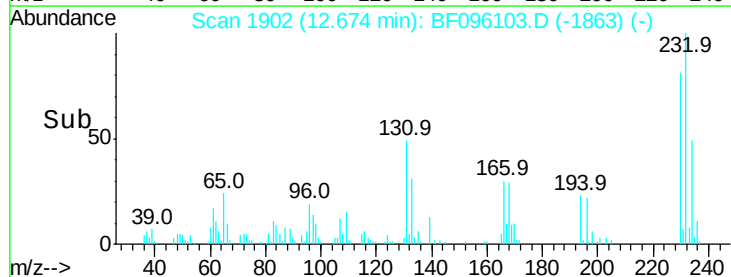
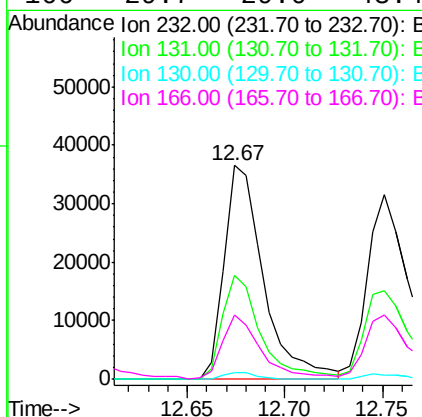
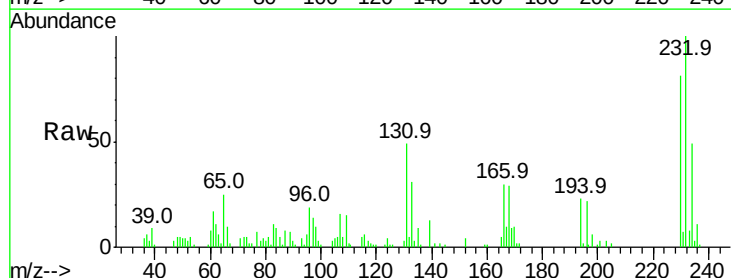
Instrument :
 BNA_F
 ClientSampleId :

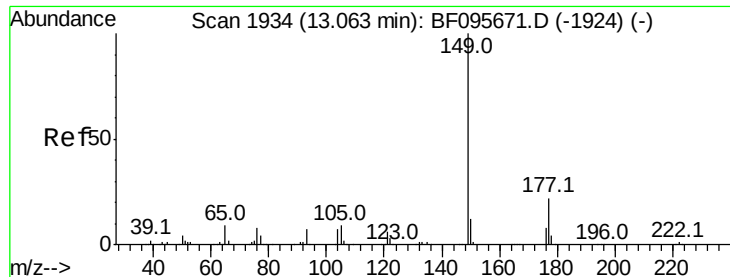
Tot Ion:166 Resp: 361726
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.69 ng
 RT: 12.67 min Scan# 1902
 Delta R.T. -0.07 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion:232 Resp: 51138
 Ion Ratio Lower Upper
 232 100
 131 47.2 44.8 67.2
 130 2.3 2.3 3.5
 166 29.7 29.0 43.4





#59

Diethylphthalate

Concen: 41.88 ng

RT: 12.95 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

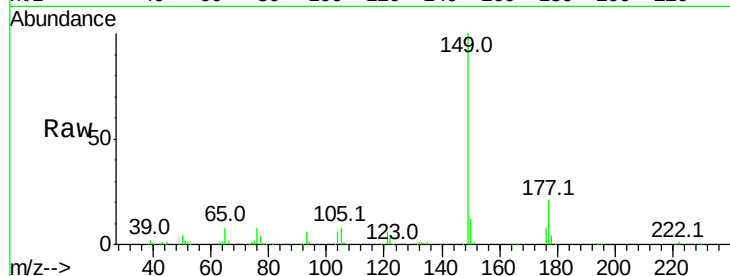
Tot Ion:149 Resp: 364030

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

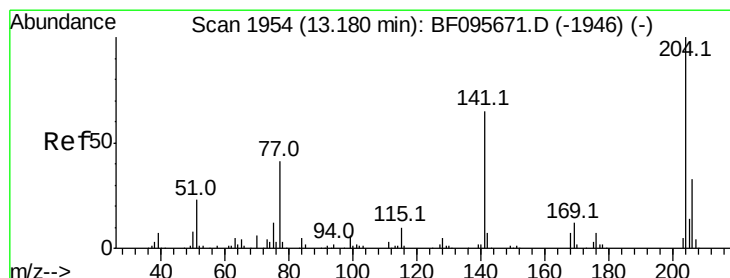
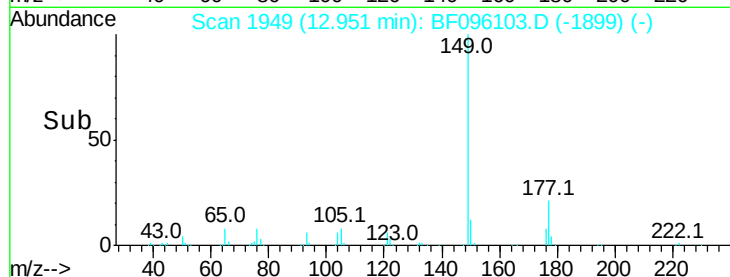
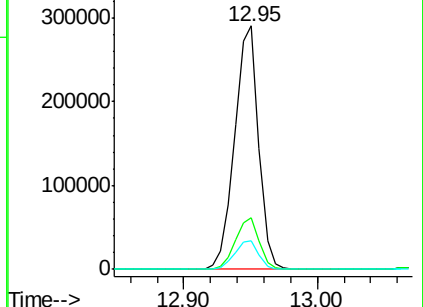
150 11.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.79 ng

RT: 13.07 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

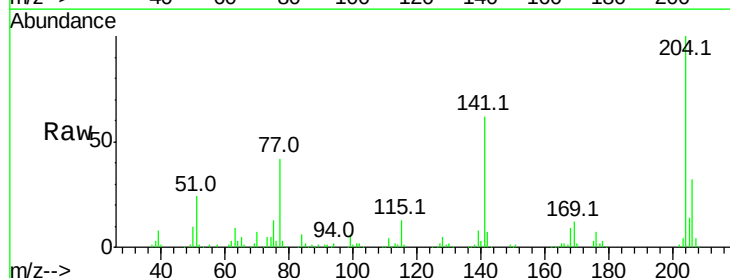
Tgt Ion:204 Resp: 160340

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

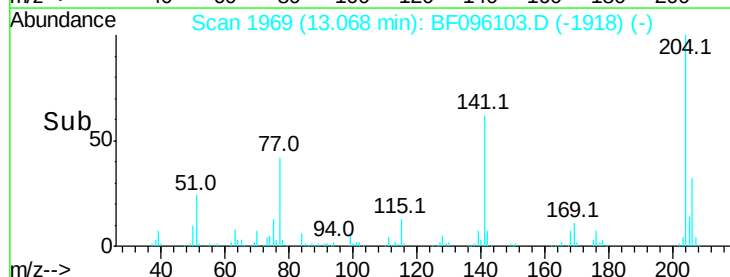
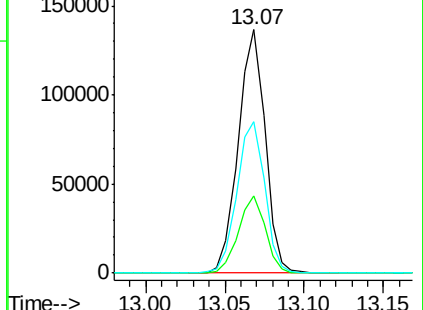
141 62.3 60.8 91.2

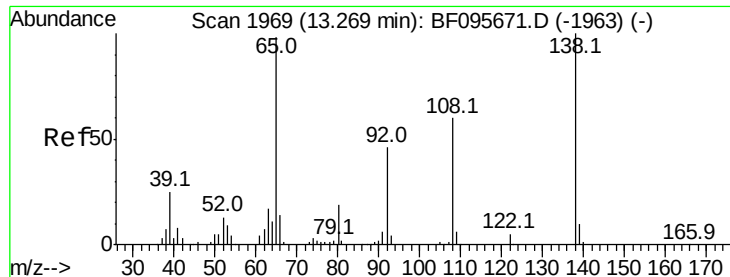


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

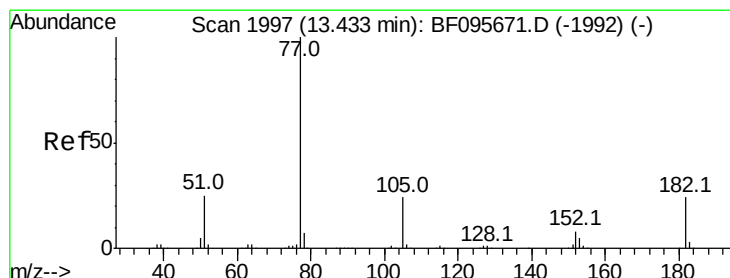
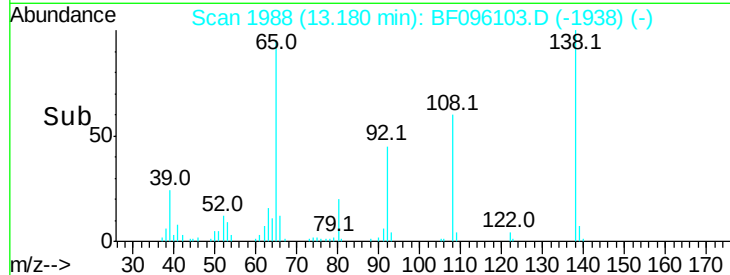
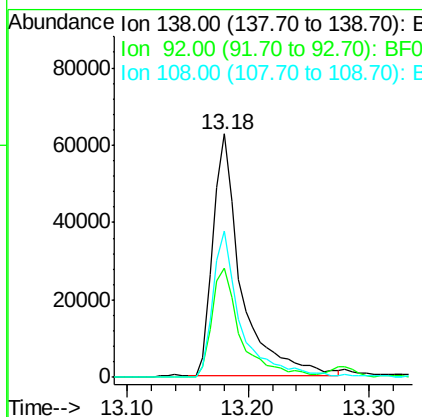
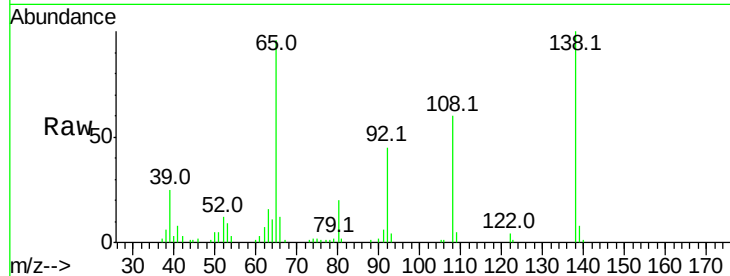




#61
 4-Nitroaniline
 Concen: 47.20 ng
 RT: 13.18 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

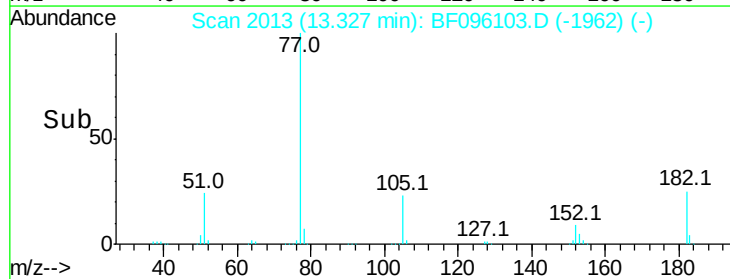
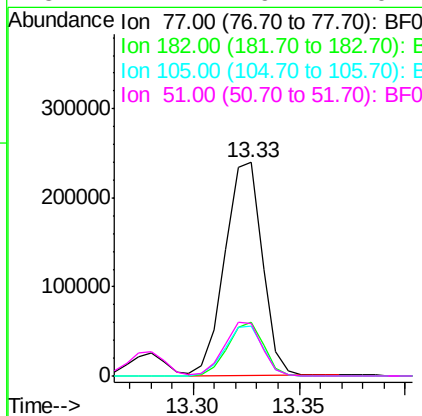
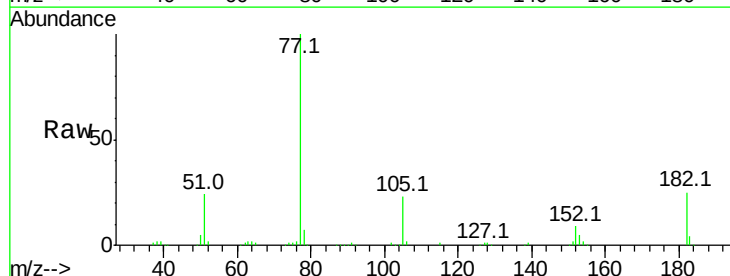
Instrument :
 BNA_F
 ClientSampleId :

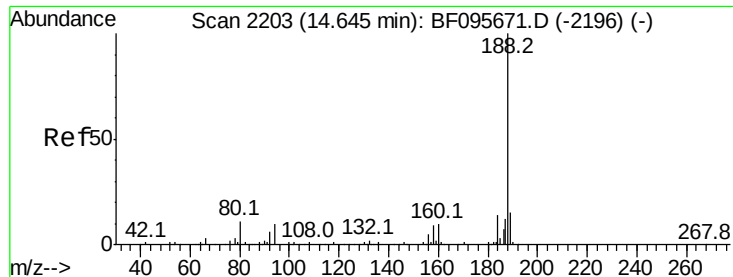
Tot Ion:138	Resp: 101162
Ion Ratio	Lower Upper
138 100	
92 44.8	21.8 61.8
108 60.0	42.3 82.3



#62
 Azobenzene
 Concen: 37.18 ng
 RT: 13.33 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion: 77	Resp: 292951
Ion Ratio 77 100	Lower Upper
182 24.9	0.1 40.1
105 23.1	3.6 43.6
51 24.4	9.4 49.4

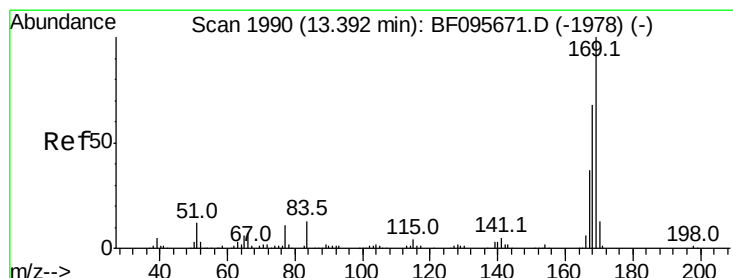
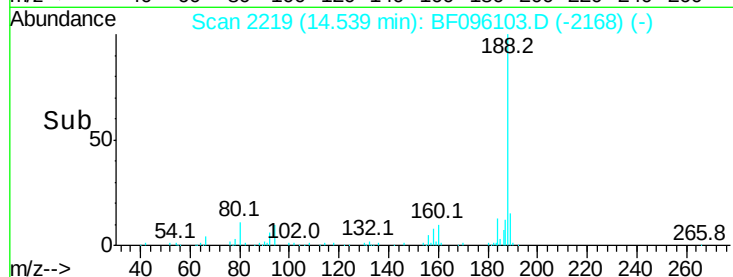
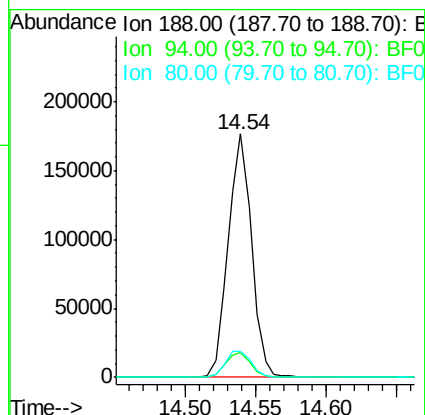
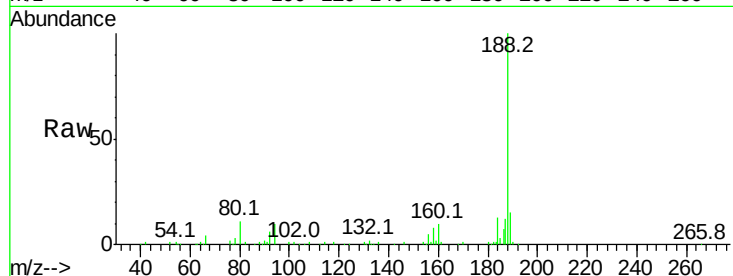




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

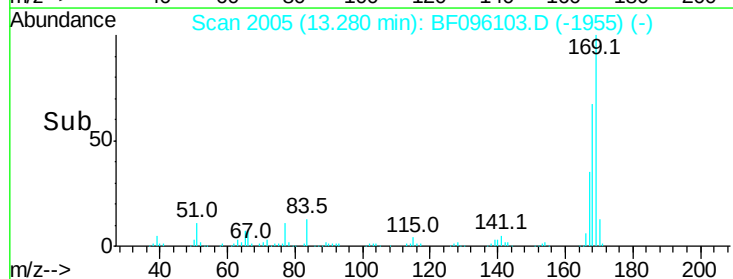
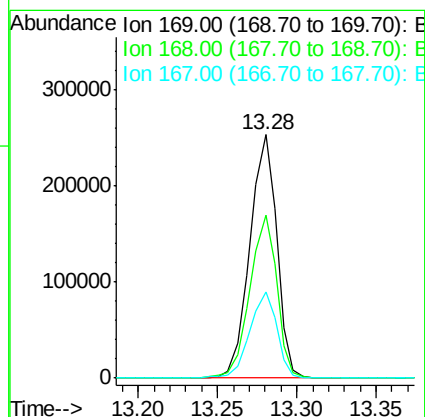
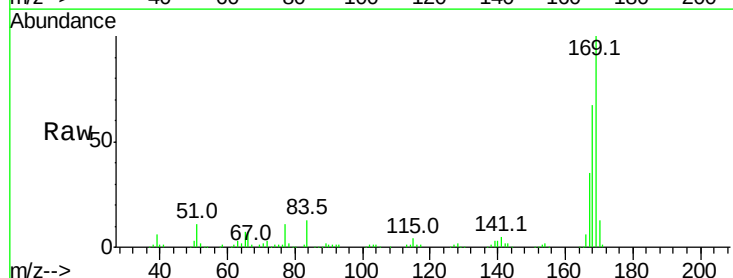
Instrument :
BNA_F
ClientSampleId :

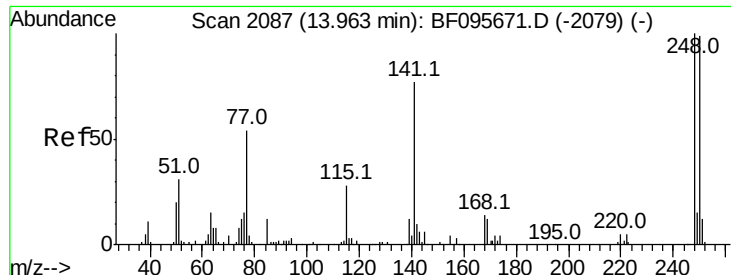
Tot Ion:188 Resp: 203367
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 40.95 ng
RT: 13.28 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:169 Resp: 299266
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.3 29.5 44.3

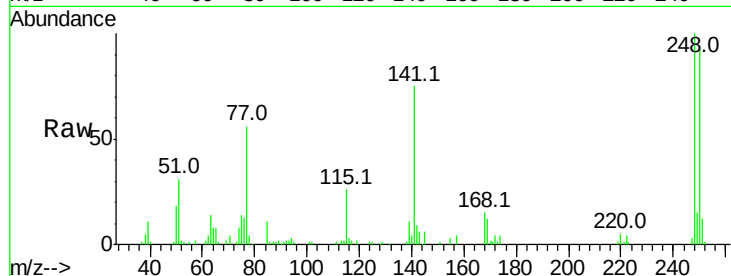




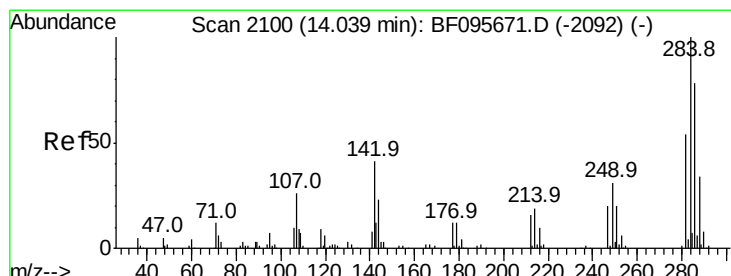
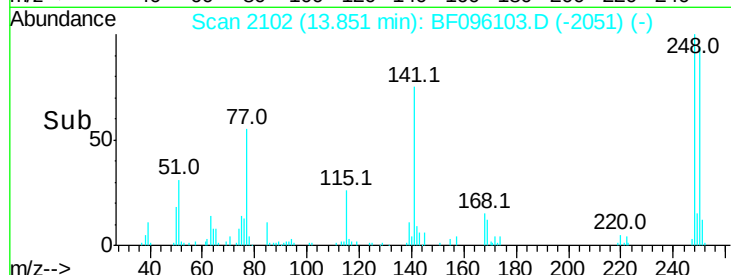
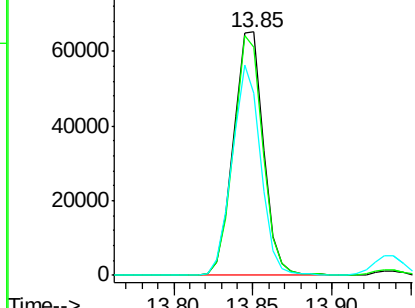
#66
4-Bromophenyl-phenylether
Concen: 40.59 ng
RT: 13.85 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 85780
Ion Ratio Lower Upper
248 100
250 93.7 76.8 115.2
141 74.6 68.6 103.0

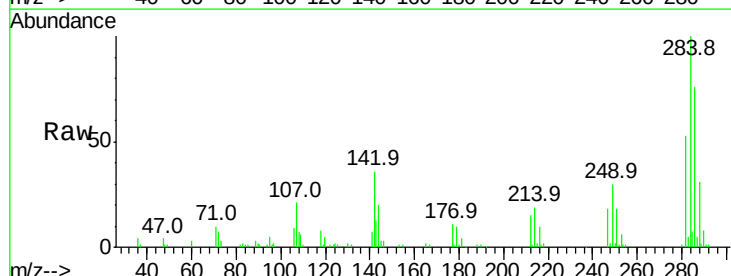


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

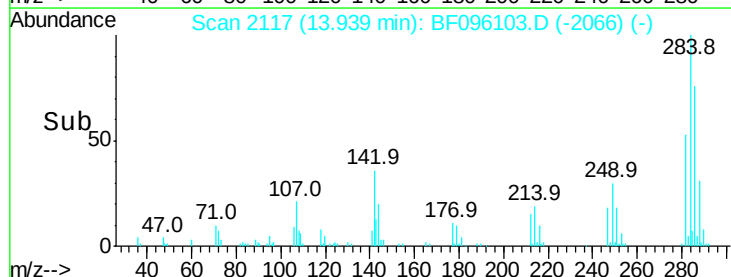
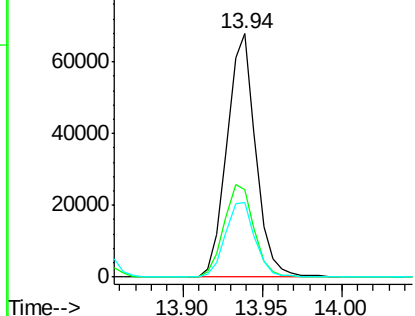


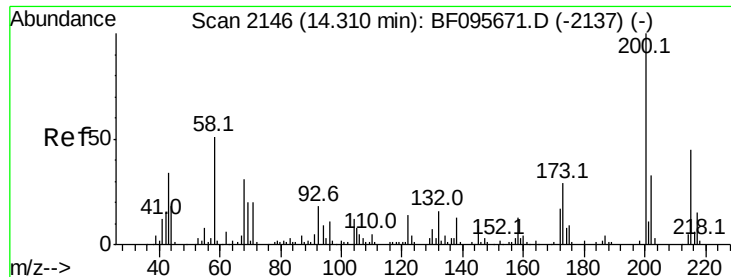
#67
Hexachlorobenzene
Concen: 40.99 ng
RT: 13.94 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:284 Resp: 85375
Ion Ratio Lower Upper
284 100
142 35.7 22.8 34.2#
249 30.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

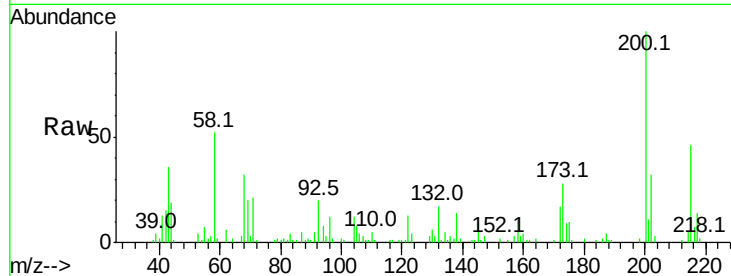




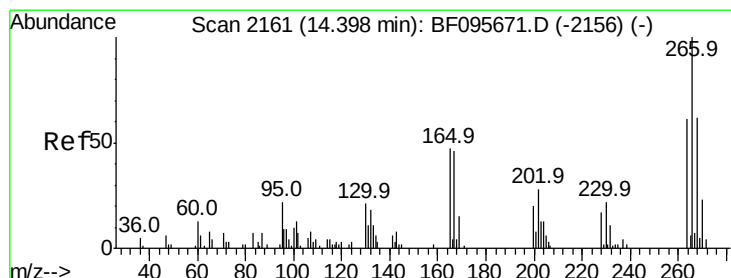
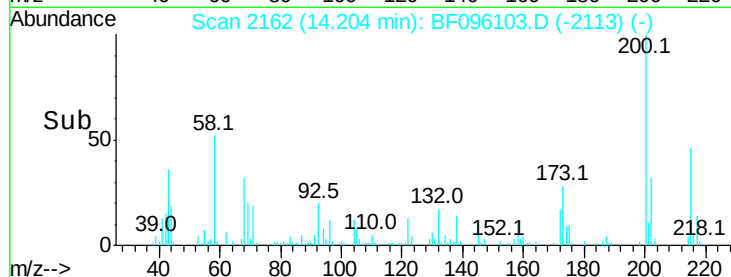
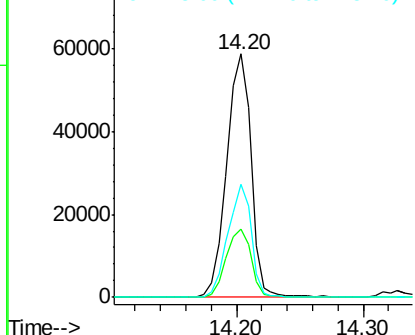
#68
Atrazine
Concen: 38.36 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 78016
Ion Ratio Lower Upper
200 100
173 27.8 6.3 46.3
215 46.4 27.2 67.2

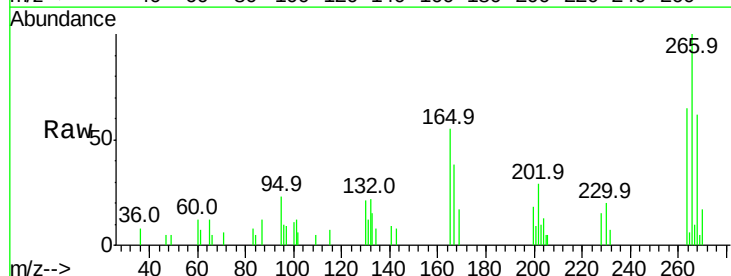


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

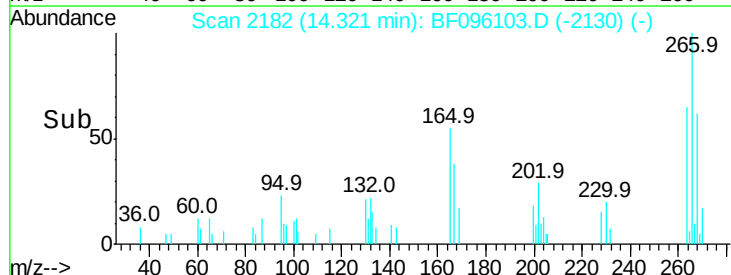
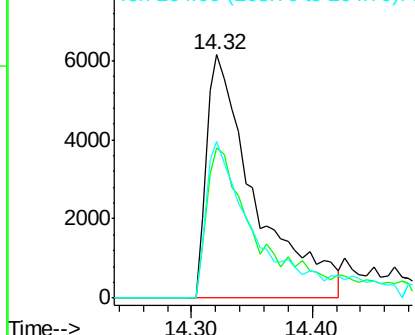


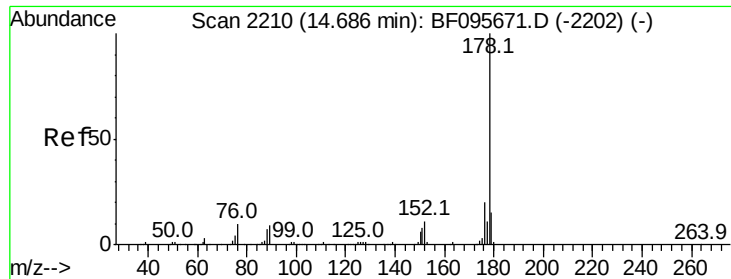
#69
Pentachlorophenol
Concen: 26.56 ng
RT: 14.32 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:266 Resp: 17177
Ion Ratio Lower Upper
266 100
268 61.8 51.1 76.7
264 64.5 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

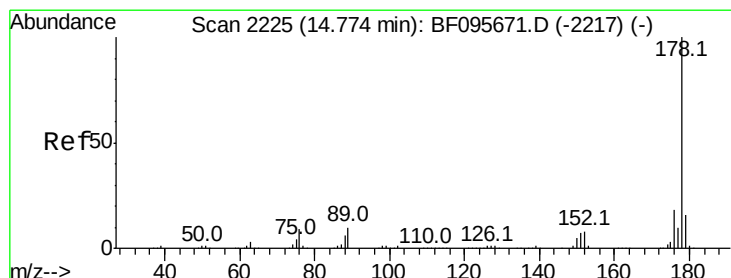
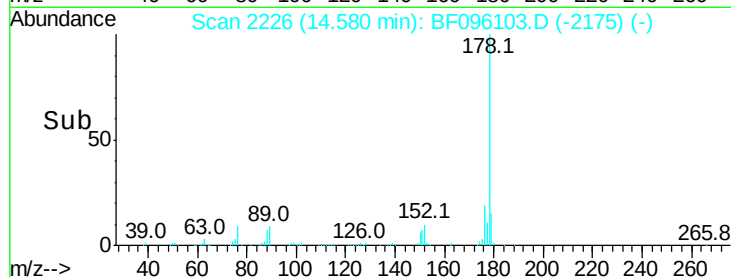
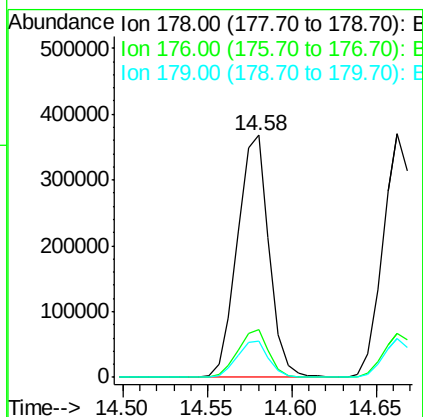
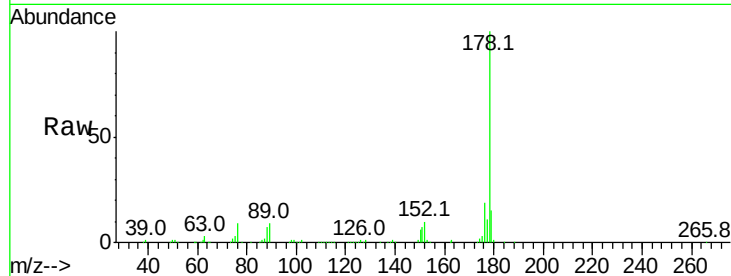




#70
 Phenanthrene
 Concen: 40.97 ng
 RT: 14.58 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

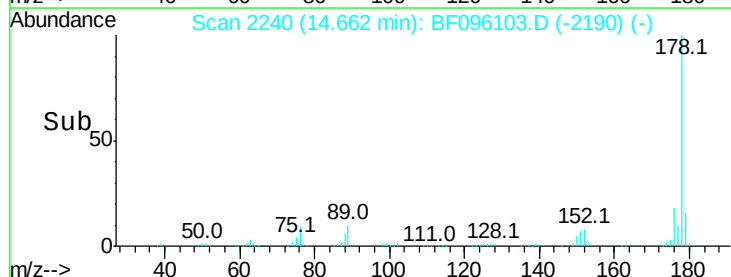
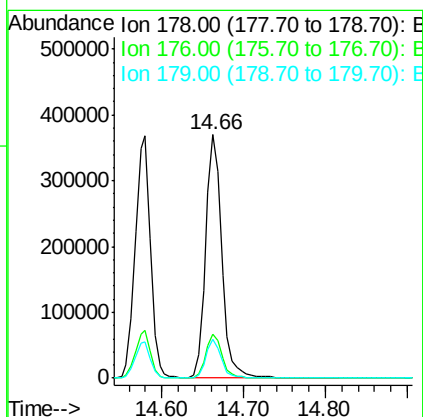
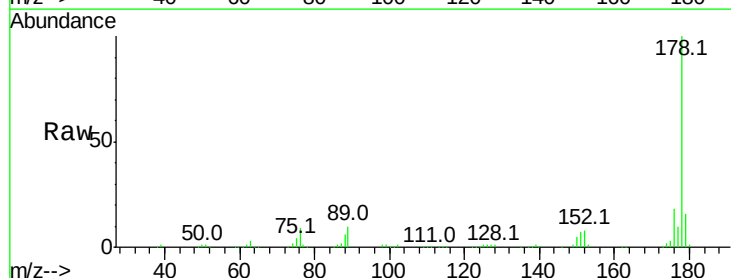
Instrument :
 BNA_F
 ClientSampleId :

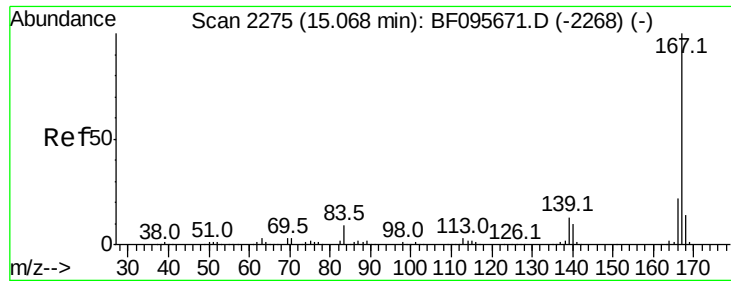
Tot Ion:178 Resp: 480742
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.0 12.6 19.0



#71
 Anthracene
 Concen: 41.49 ng
 RT: 14.66 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion:178 Resp: 508283
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.8 12.7 19.1

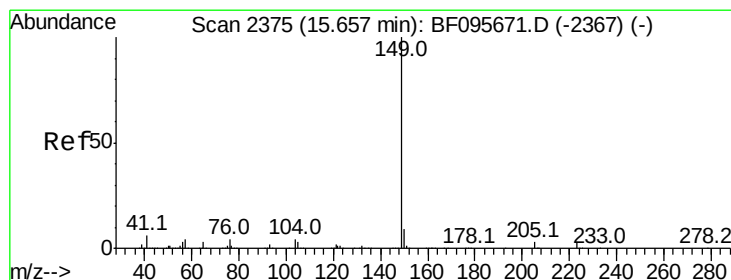
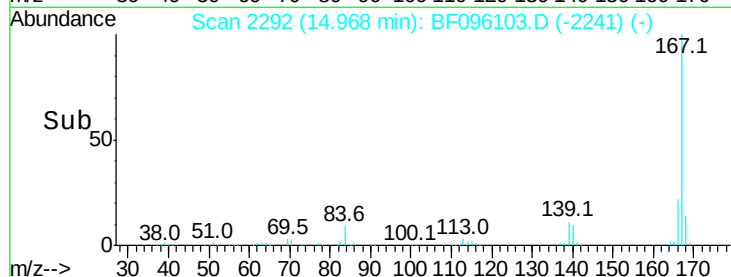
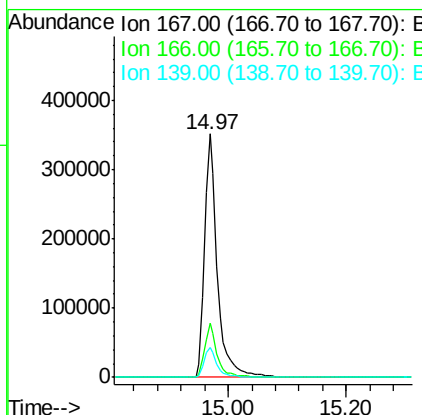
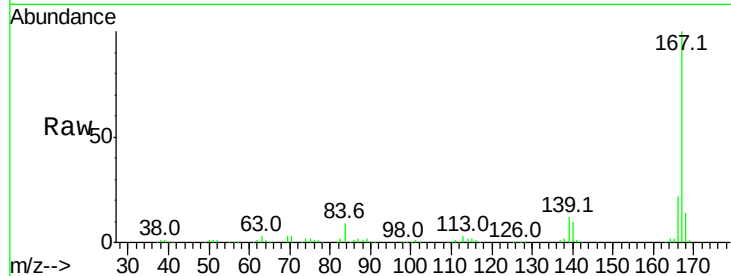




#72
 Carbazole
 Concen: 44.12 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

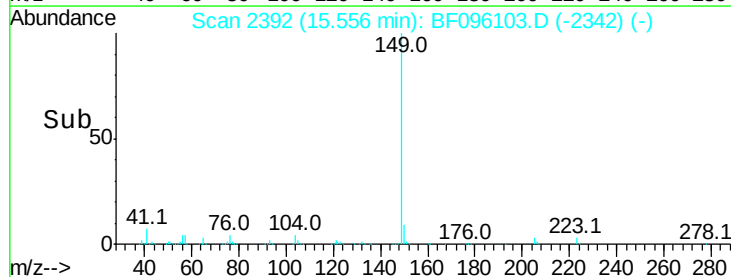
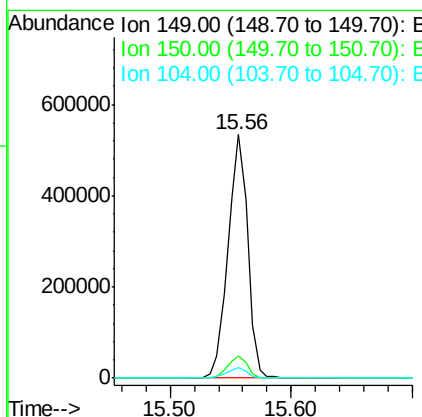
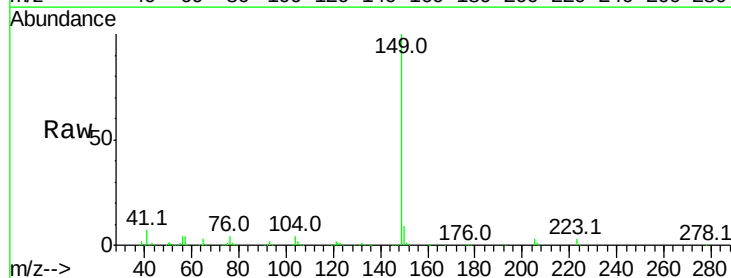
Instrument :
 BNA_F
 ClientSampleId :

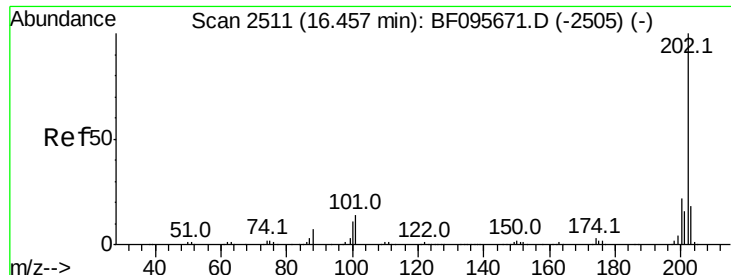
Tot Ion:167 Resp: 526671
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.4 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 47.62 ng
 RT: 15.56 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion:149 Resp: 604817
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.3 4.0 6.0

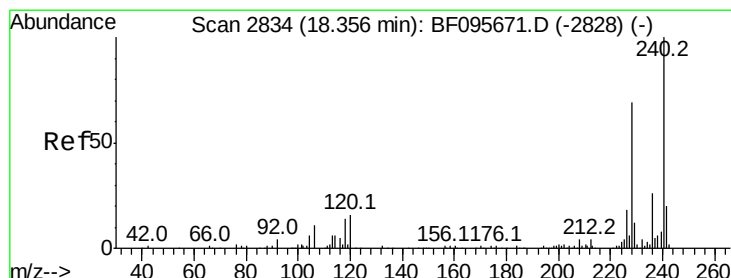
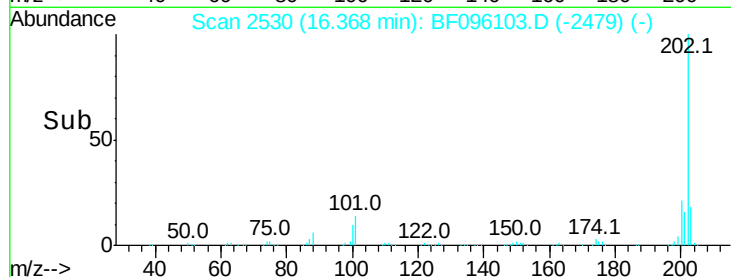
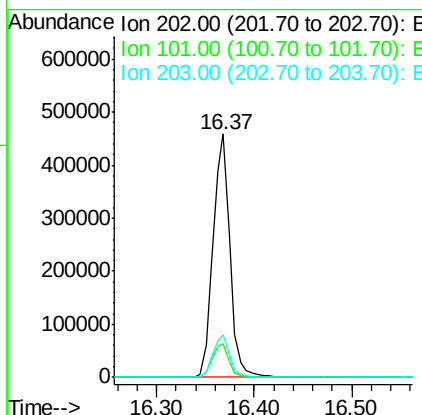
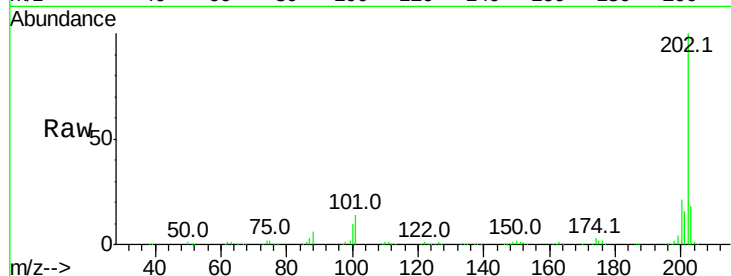




#74
 Fluoranthene
 Concen: 46.88 ng
 RT: 16.37 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

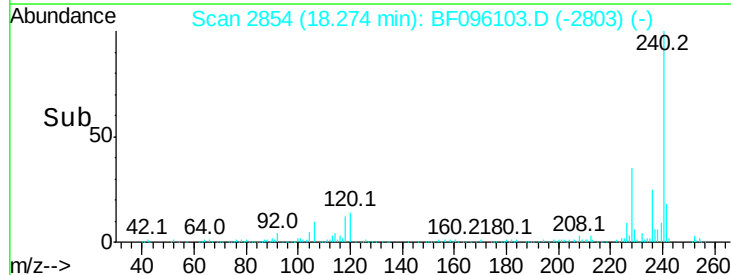
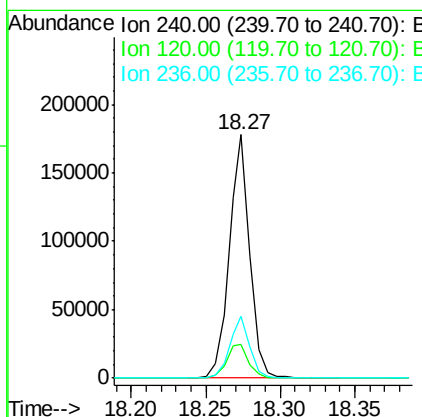
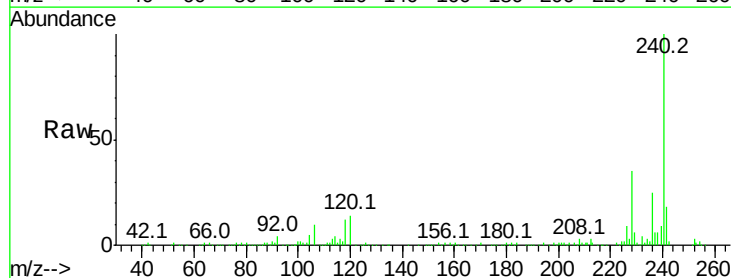
Instrument :
 BNA_F
 ClientSampleId :

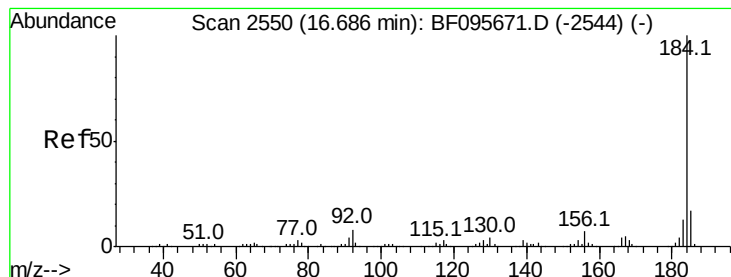
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.4	20.5	30.7





#76

Benzidine

Concen: 51.05 ng

RT: 16.60 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

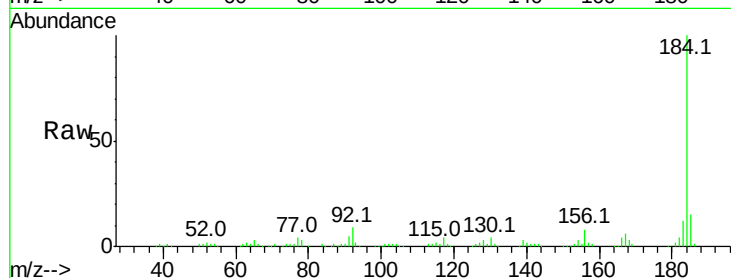
Tot Ion:184 Resp: 336487

Ion Ratio Lower Upper

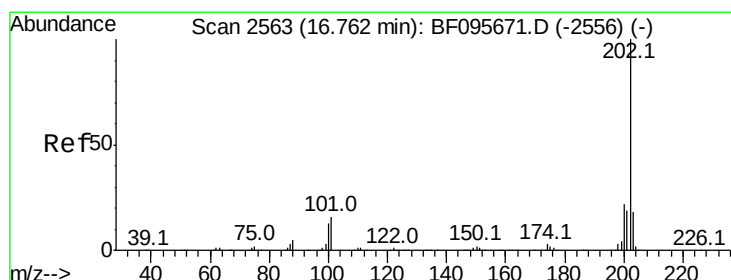
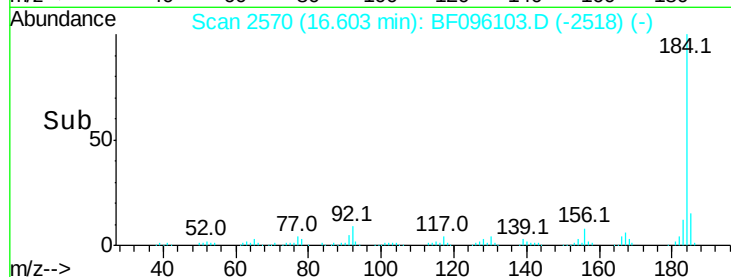
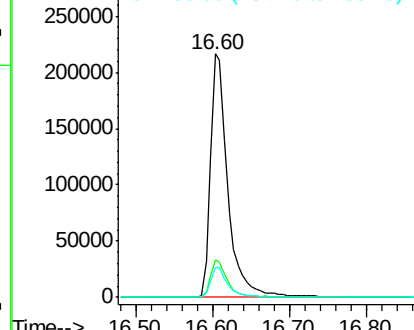
184 100

185 15.4 15.5 23.3#

183 12.1 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: 42.54 ng

RT: 16.67 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

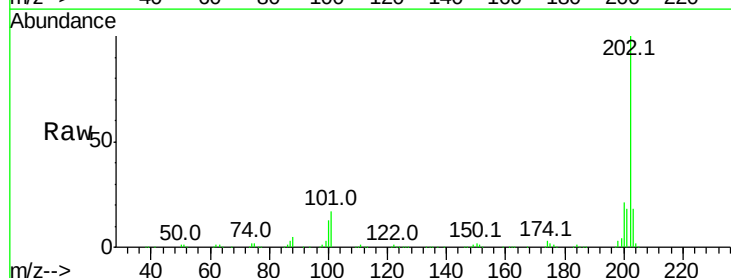
Tgt Ion:202 Resp: 544699

Ion Ratio Lower Upper

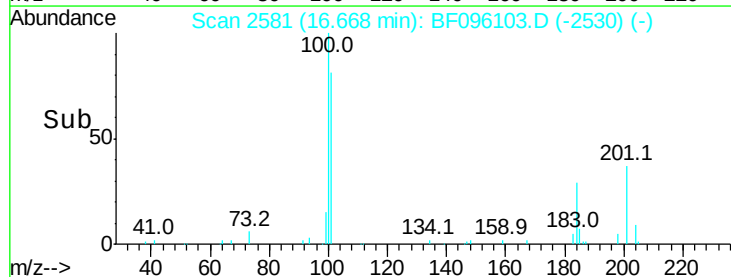
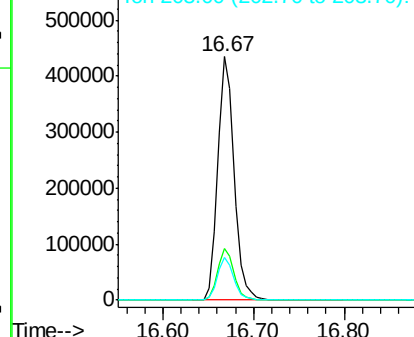
202 100

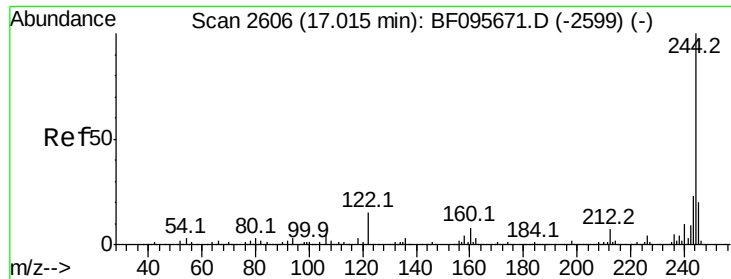
200 21.4 17.6 26.4

203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

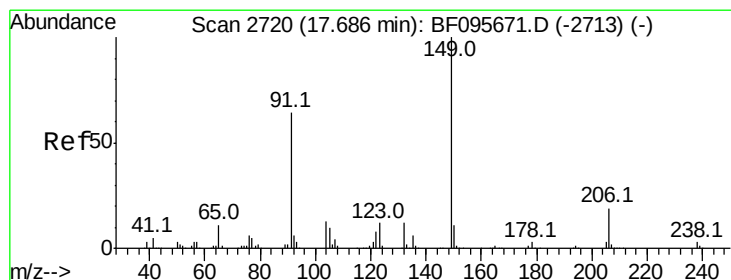
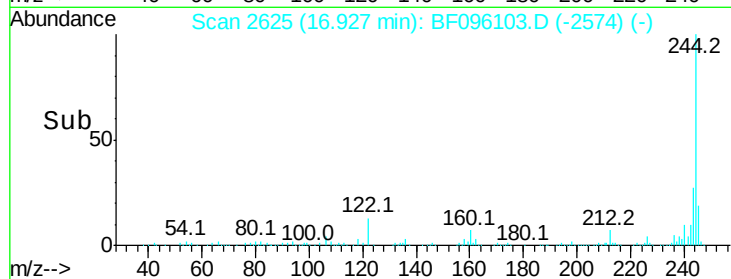
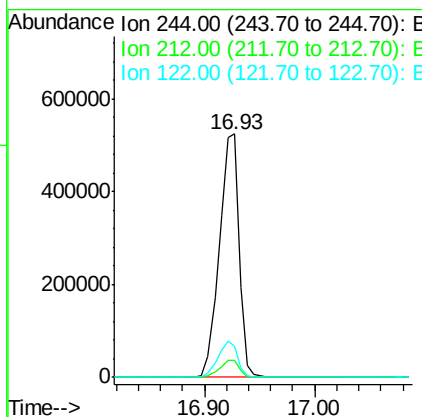
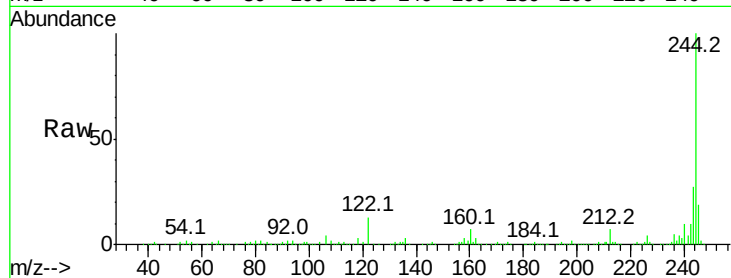




#78
 Terphenyl-d14
 Concen: 94.40 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

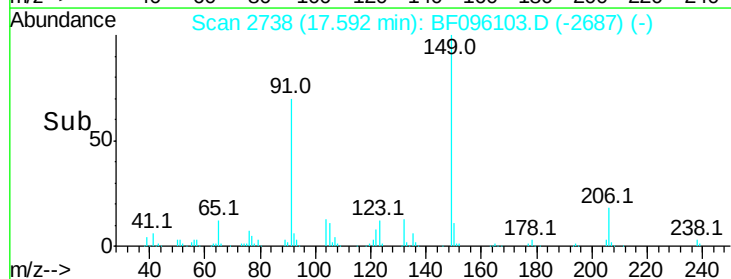
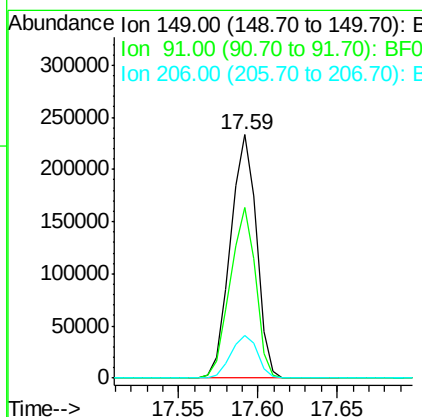
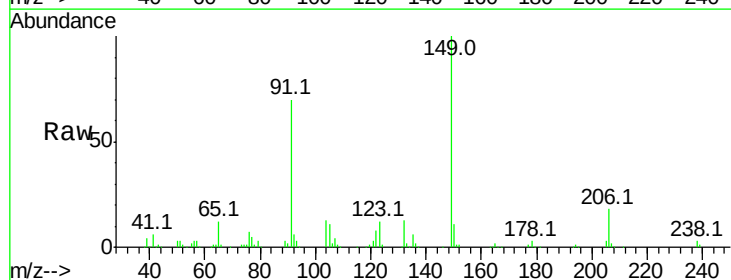
Instrument :
 BNA_F
 ClientSampleId :

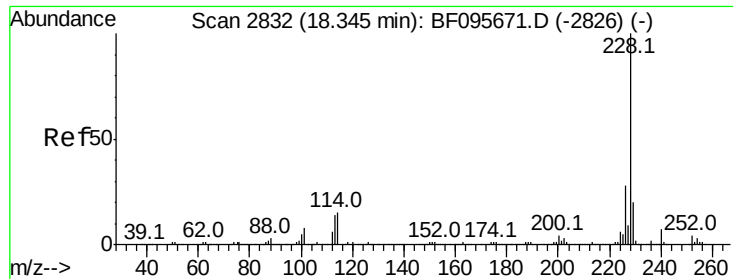
Tot Ion:244 Resp: 652822
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.0 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 47.57 ng
 RT: 17.59 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BF096103.D
 Acq: 22 Jun 2017 2:00

Tgt Ion:149 Resp: 266007
 Ion Ratio Lower Upper
 149 100
 91 70.1 45.0 67.4#
 206 17.7 17.0 25.6





#80

Benzo(a)anthracene

Concen: 40.74 ng

RT: 18.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BF096103.D

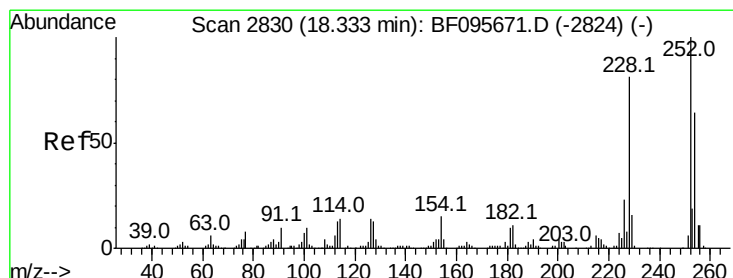
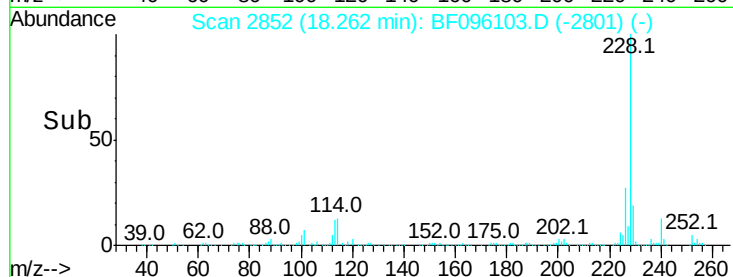
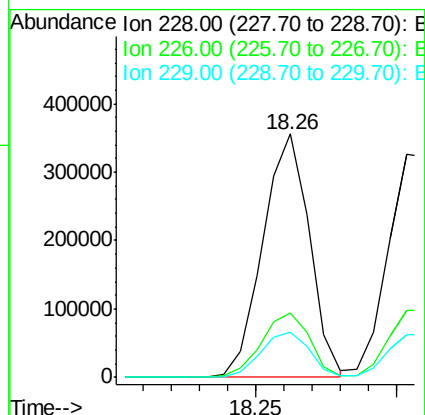
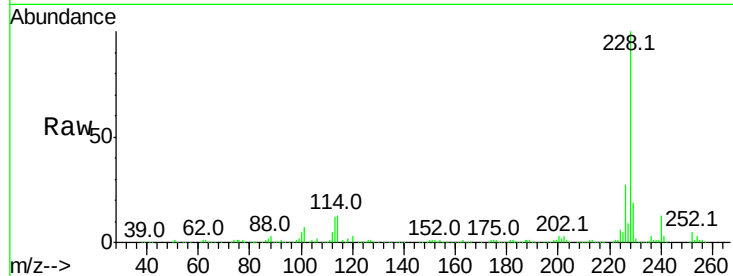
Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	406487
Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	18.7	16.3	24.5



#81

3,3'-Dichlorobenzidine

Concen: 43.98 ng

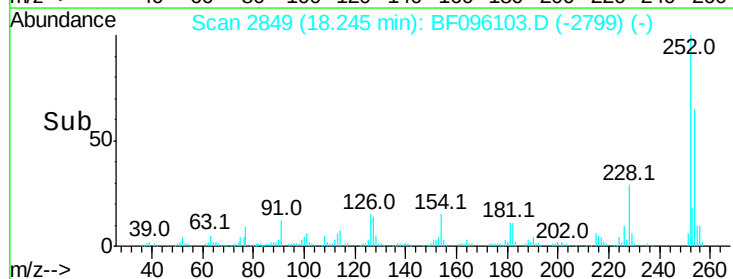
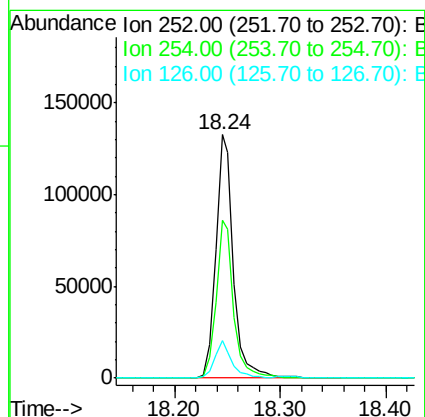
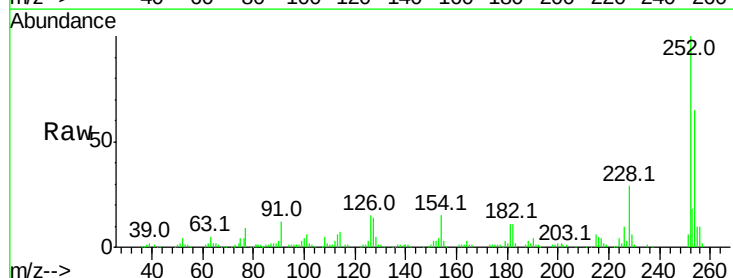
RT: 18.24 min Scan# 2849

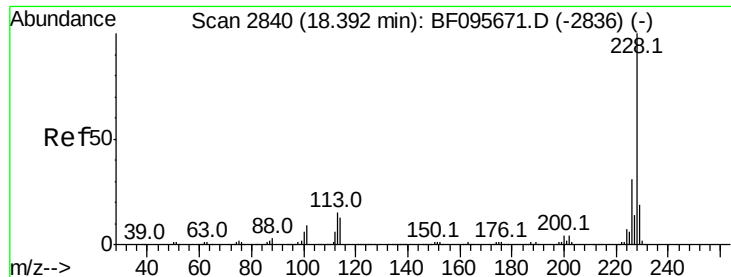
Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Tgt Ion:	252	Resp:	156008
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	15.3	15.8	23.8#





#82

Chrysene

Concen: 39.88 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampled :

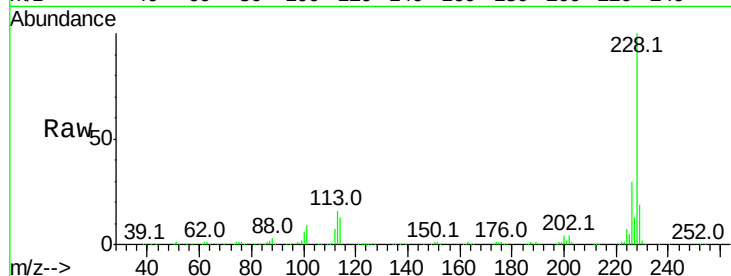
Tot Ion:228 Resp: 397637

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

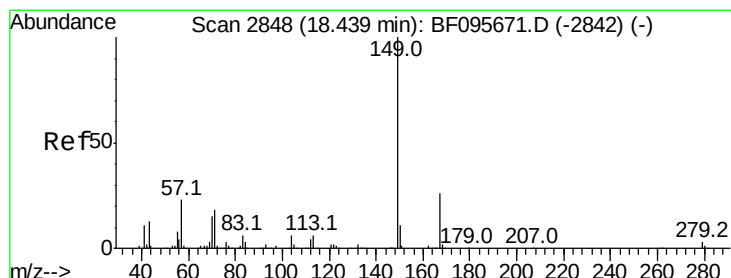
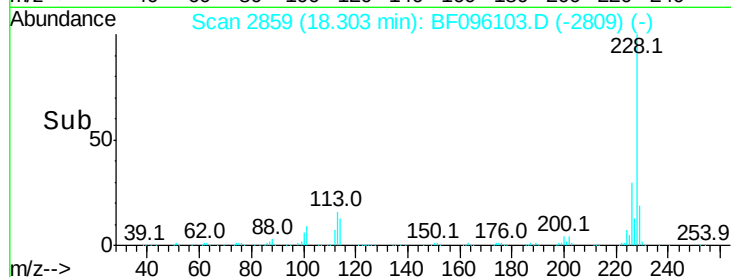
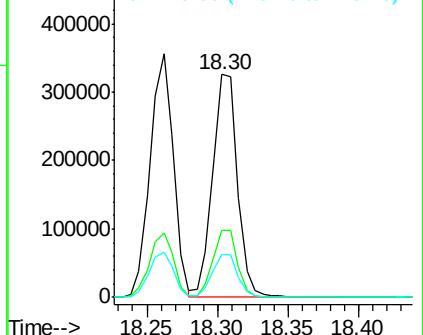
229 19.3 15.8 23.6



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: 44.79 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

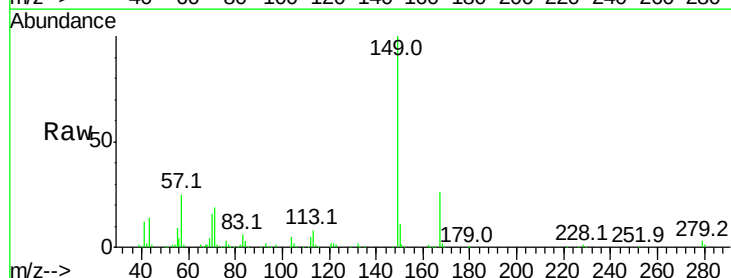
Tgt Ion:149 Resp: 353313

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

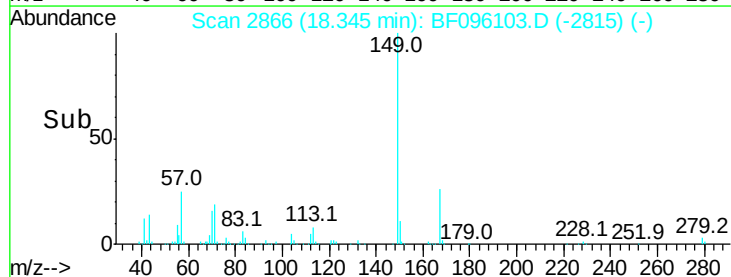
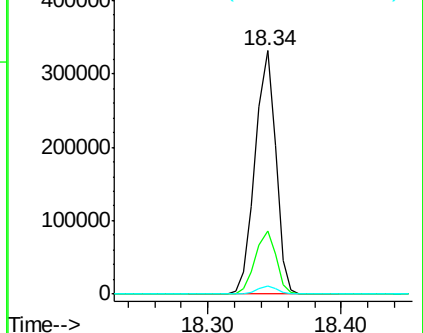
279 3.1 1.9 2.9#

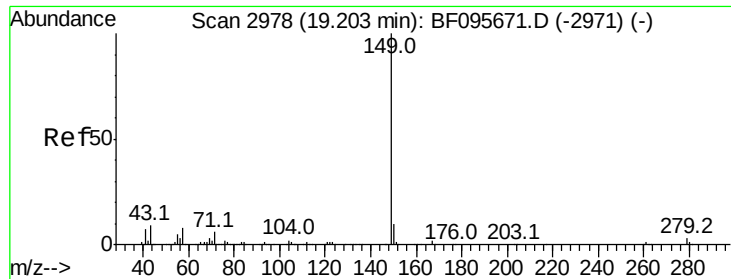


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

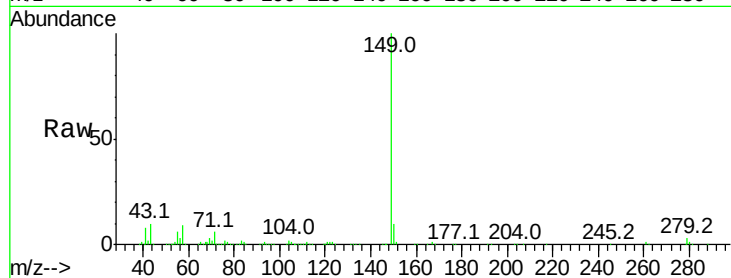




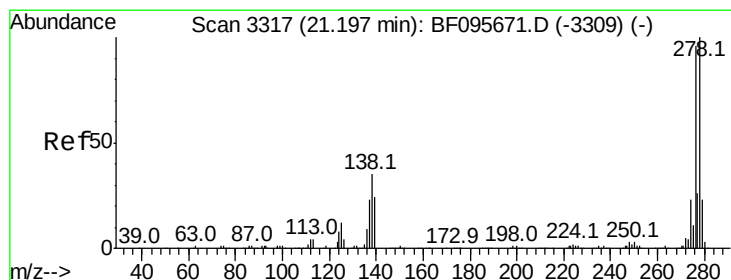
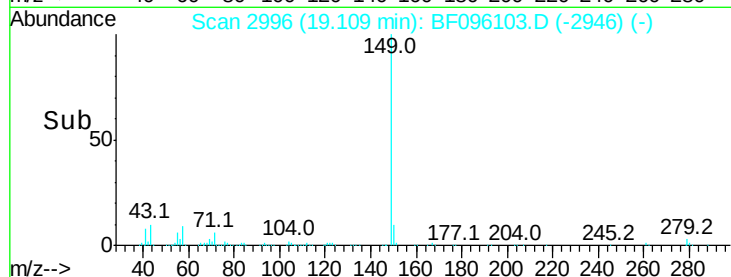
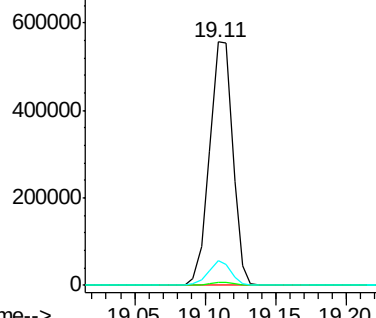
#84
Di-n-octyl phthalate
Concen: 49.43 ng
RT: 19.11 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 642560
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.5 12.7

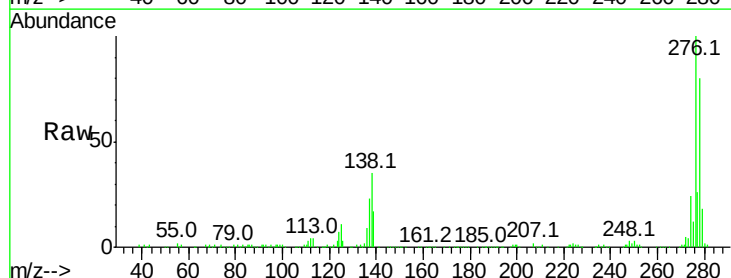


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

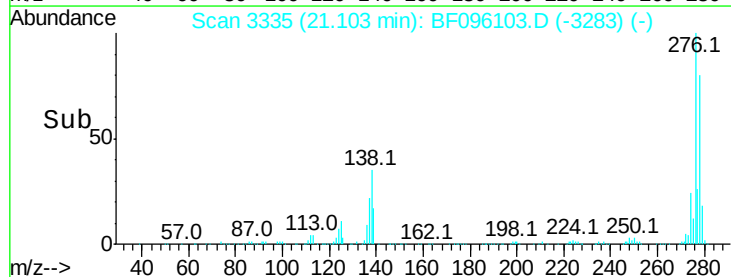
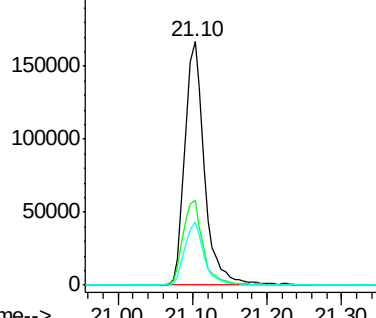


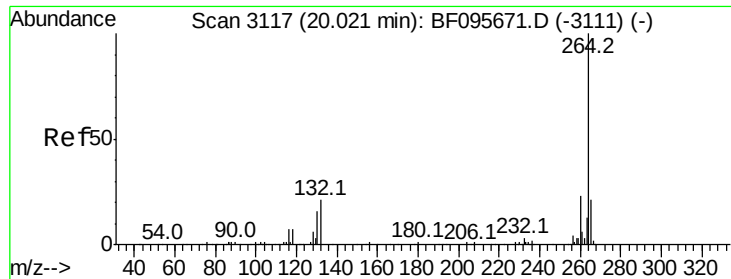
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.73 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:276 Resp: 304842
Ion Ratio Lower Upper
276 100
138 35.4 27.8 41.6
277 25.6 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

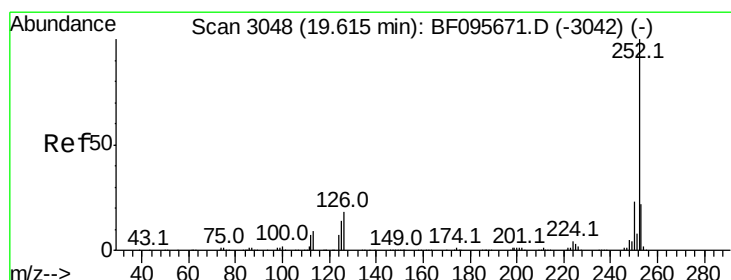
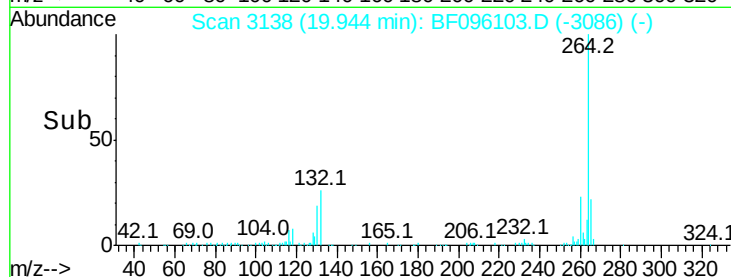
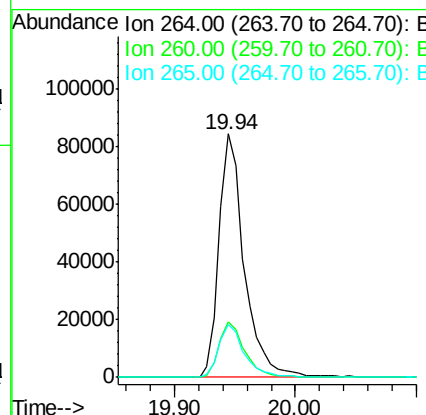
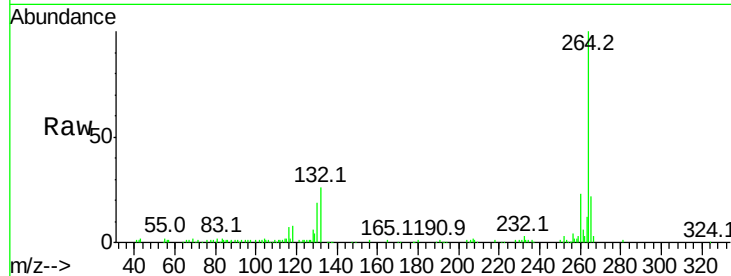




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

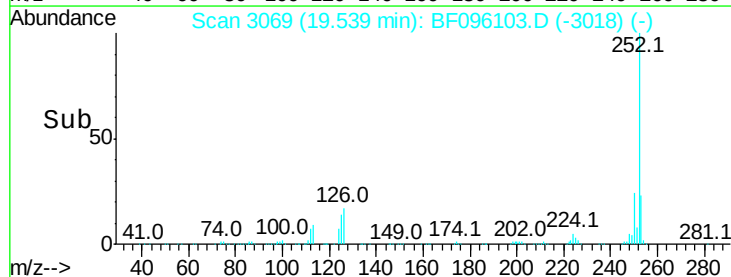
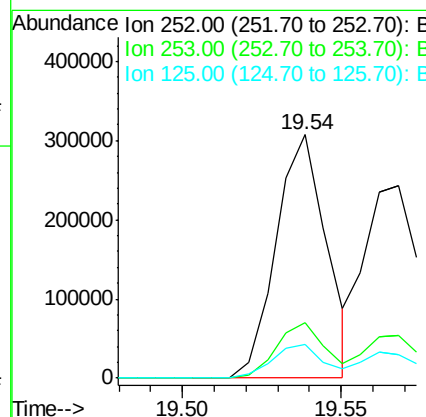
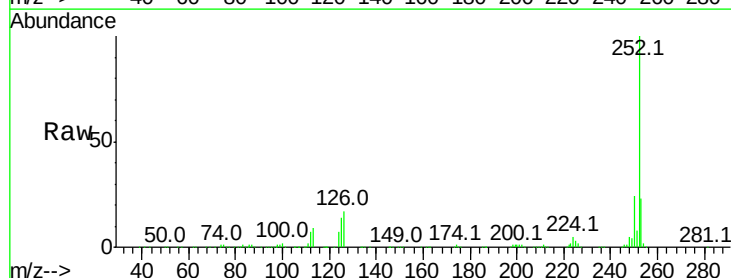
Instrument :
BNA_F
ClientSampleId :

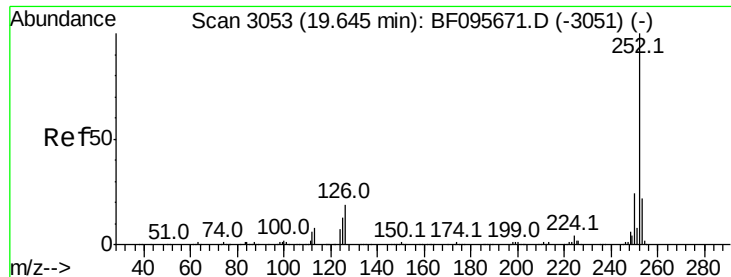
Tot Ion:264 Resp: 121788
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 44.72 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:252 Resp: 341022
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 13.6 9.8 14.8

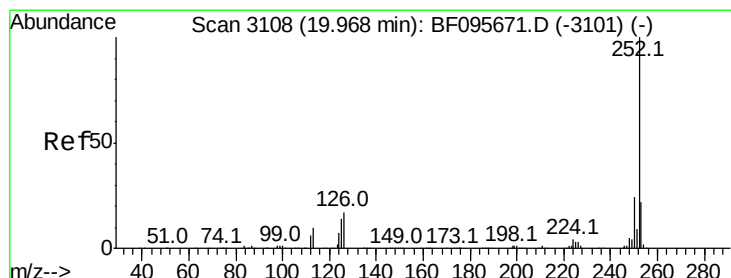
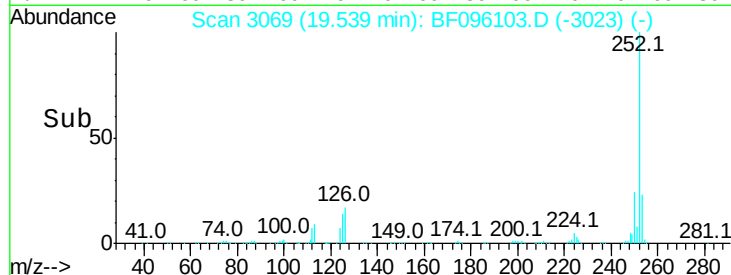
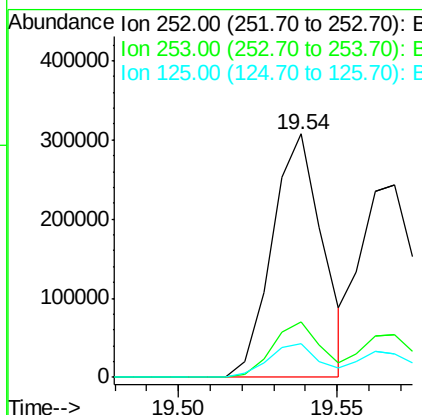
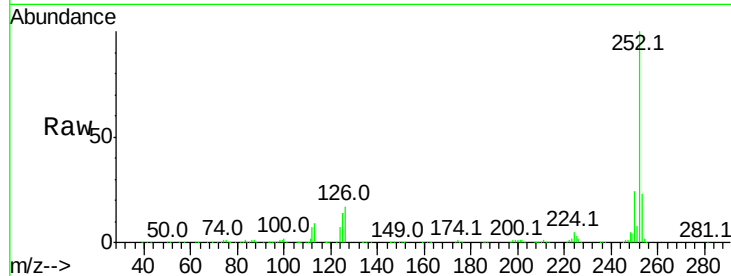




#88
Benzo(k)fluoranthene
Concen: 46.78 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

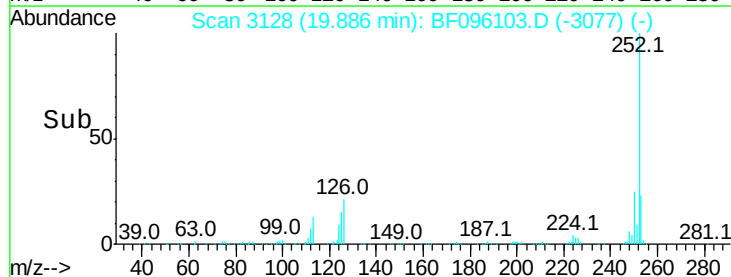
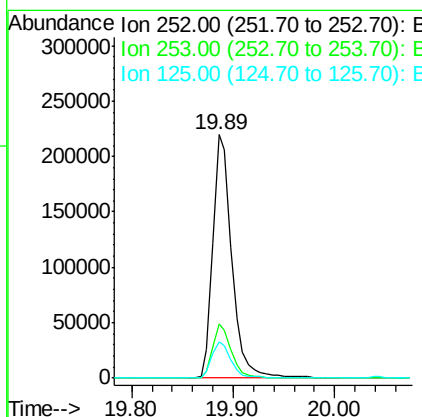
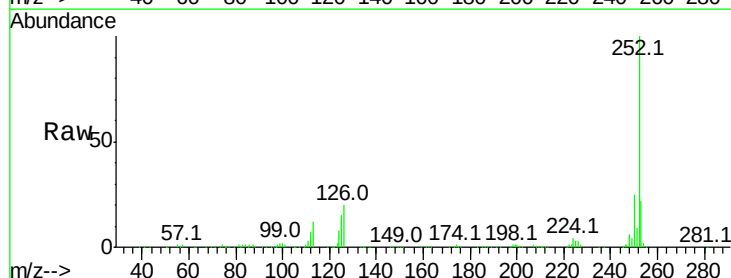
Instrument :
BNA_F
ClientSampleId :

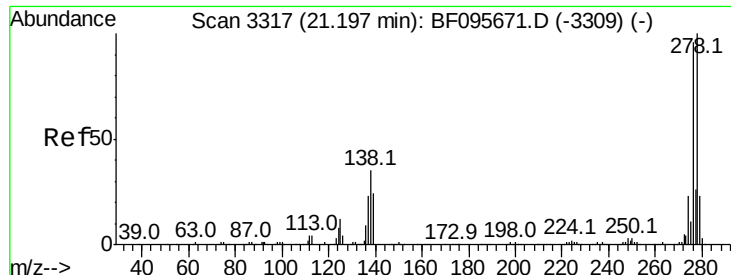
Tot Ion:252 Resp: 341022
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.6 13.1 19.7



#89
Benzo(a)pyrene
Concen: 40.87 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096103.D
Acq: 22 Jun 2017 2:00

Tgt Ion:252 Resp: 286455
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.9 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 43.72 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

Instrument :

BNA_F

ClientSampleId :

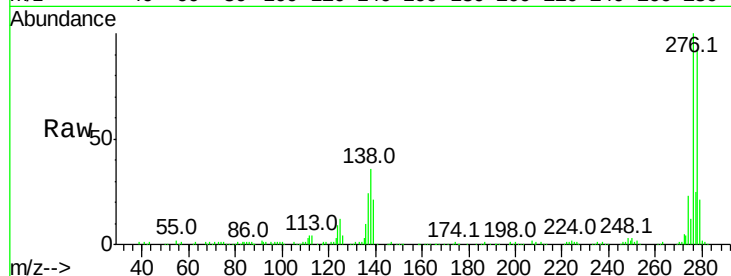
Tot Ion:278 Resp: 259943

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

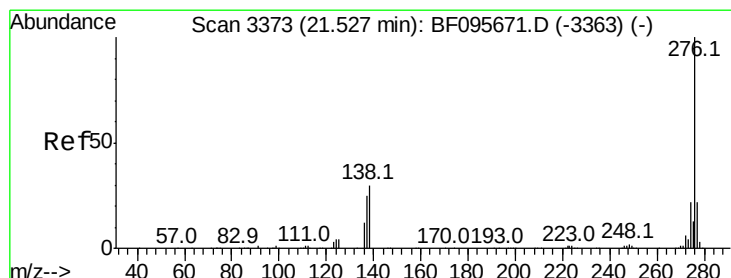
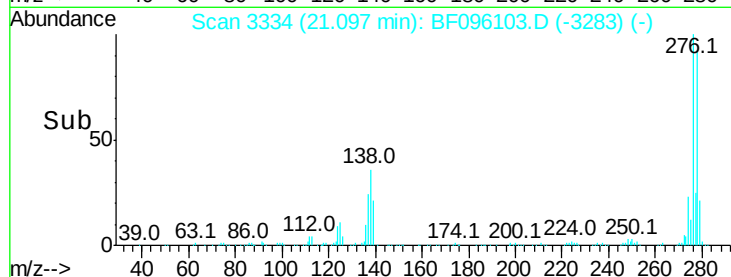
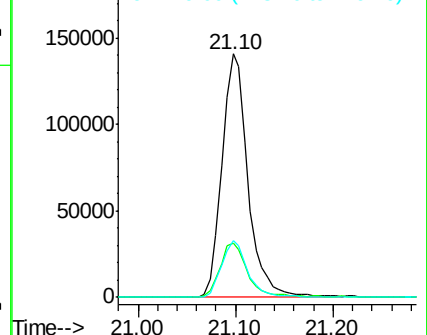
279 23.3 19.3 28.9



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: 37.09 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096103.D

Acq: 22 Jun 2017 2:00

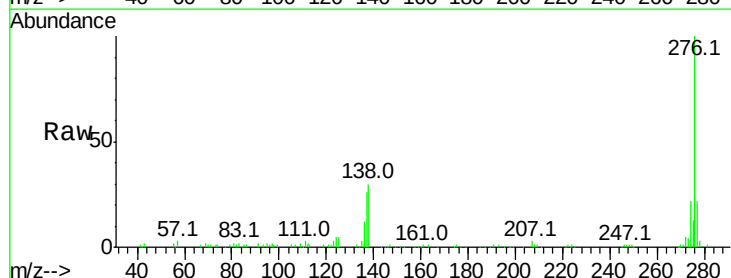
Tgt Ion:276 Resp: 224804

Ion Ratio Lower Upper

276 100

277 22.2 18.6 28.0

138 29.6 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

