

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096406.D
 Acq On : 2 Jul 2017 10:30
 Operator : SJ/MA
 Sample : PB100306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	156280	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	664015	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	298213	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	484506	20.00	ng	0.00
75) Chrysene-d12	13.88	240	273872	20.00	ng	0.00
86) Perylene-d12	15.29	264	235512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1198291	113.17	ng	0.02
7) Phenol-d6	6.38	99	1563311	120.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	943693	85.40	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	285113	122.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1474179	84.52	ng	0.00
78) Terphenyl-d14	12.83	244	1097157	85.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	148140	29.51	ng	# 75
3) Pyridine	3.21	79	434606	31.55	ng	# 63
4) n-Nitrosodimethylamine	3.15	42	255367	37.56	ng	# 86
6) Aniline	6.40	93	485431	28.85	ng	# 34
8) 2-Chlorophenol	6.53	128	468969	41.53	ng	98
9) Benzaldehyde	6.28	77	198704	24.39	ng	98
10) Phenol	6.39	94	577918	38.97	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	480648	41.94	ng	92
12) 1,3-Dichlorobenzene	6.68	146	492237	41.58	ng	98
13) 1,4-Dichlorobenzene	6.75	146	503855	42.58	ng	93
14) 1,2-Dichlorobenzene	6.91	146	458150	42.17	ng	96
15) Benzyl Alcohol	6.88	79	398365	45.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1031518	44.27	ng	91
17) 2-Methylphenol	7.00	107	405094	45.02	ng	98
18) Hexachloroethane	7.25	117	185631	43.27	ng	# 82
19) n-Nitroso-di-n-propylamine	7.16	70	317519	40.95	ng	# 83
20) 3+4-Methylphenols	7.15	107	449206	44.76	ng	92
22) Acetophenone	7.15	105	618029	42.60	ng	# 93
24) Nitrobenzene	7.32	77	493257	42.55	ng	96
25) Isophorone	7.56	82	920114	42.95	ng	95
26) 2-Nitrophenol	7.63	139	273975	44.65	ng	# 89
27) 2,4-Dimethylphenol	7.68	122	459054	43.94	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	614159	43.42	ng	99
29) 2,4-Dichlorophenol	7.88	162	405336	44.97	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	372361	43.79	ng	97
31) Naphthalene	8.04	128	1374208	43.84	ng	100
32) Benzoic acid	7.81	122	322472	36.75	ng	91
33) 4-Chloroaniline	8.09	127	275036	21.12	ng	97
34) Hexachlorobutadiene	8.16	225	187586	43.01	ng	97
35) Caprolactam	8.46	113	79139	25.46	ng	# 71
36) 4-Chloro-3-methylphenol	8.58	107	421678	42.28	ng	91
37) 2-Methylnaphthalene	8.73	142	851701	42.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	276346	35.69	ng	98
40) Hexachlorocyclopentadiene	8.89	237	351622	93.39	ng	100

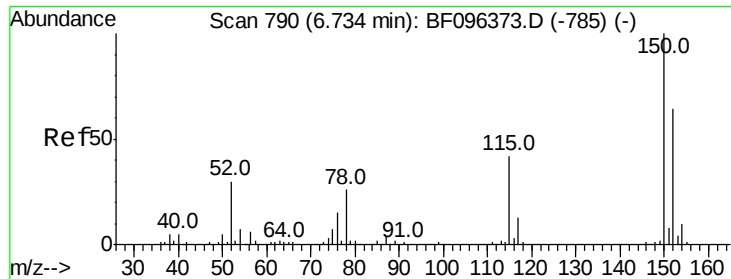
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	236298	38.58	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	245671	40.56	nq	94
45) 1,1'-Biphenyl	9.20	154	998566	39.08	nq	97
46) 2-Chloronaphthalene	9.22	162	782259	41.08	nq	95
47) 2-Nitroaniline	9.31	65	293531	42.36	nq	96
48) Acenaphthylene	9.63	152	1288618	42.71	nq	99
49) Dimethylphthalate	9.50	163	938028	42.14	nq	99
50) 2,6-Dinitrotoluene	9.56	165	217552	44.19	nq	# 87
51) Acenaphthene	9.80	154	727366	39.11	nq	99
52) 3-Nitroaniline	9.72	138	170184	27.72	nq	# 89
53) 2,4-Dinitrophenol	9.83	184	192417	73.59	nq	# 71
54) Dibenzofuran	9.98	168	1017916	41.45	nq	98
55) 4-Nitrophenol	9.89	139	362153	71.16	nq	# 66
56) 2,4-Dinitrotoluene	9.96	165	263722	42.30	nq	# 90
57) Fluorene	10.32	166	762157	43.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	197291	47.08	nq	99
59) Diethylphthalate	10.20	149	898100	42.68	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	322083	42.69	nq	98
61) 4-Nitroaniline	10.34	138	239158	42.84	nq	88
62) Azobenzene	10.47	77	907167	44.59	nq	92
64) 4,6-Dinitro-2-methylphenol	10.37	198	142793	42.73	nq	92
65) n-Nitrosodiphenylamine	10.43	169	747936	44.00	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	201156	42.65	nq	96
67) Hexachlorobenzene	10.87	284	210122	40.70	nq	# 90
68) Atrazine	10.96	200	204634	42.13	nq	94
69) Pentachlorophenol	11.06	266	220154	71.95	nq	99
70) Phenanthrene	11.28	178	1133406	43.27	nq	99
71) Anthracene	11.33	178	1173811	43.98	nq	99
72) Carbazole	11.48	167	1115163	41.55	nq	99
73) Di-n-butylphthalate	11.82	149	1363464	41.94	nq	98
74) Fluoranthene	12.46	202	1076875	41.94	nq	99
76) Benzidine	12.57	184	337447	25.68	nq	# 92
77) Pyrene	12.69	202	1108052	50.41	nq	100
79) Butylbenzylphthalate	13.31	149	549000	49.33	nq	# 81
80) Benzo(a)anthracene	13.87	228	738494	46.56	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	193482	29.70	nq	# 97
82) Chrysene	13.91	228	721044	43.42	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	611723	49.25	nq	100
84) Di-n-octyl phthalate	14.48	149	1013624	41.44	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.67	276	664039	50.65	nq	96
87) Benzo(b)fluoranthene	14.89	252	646879	43.84	nq	98
88) Benzo(k)fluoranthene	14.89	252	646879	49.00	nq	97
89) Benzo(a)pyrene	15.23	252	597912	45.38	nq	97
90) Dibenzo(a,h)anthracene	16.68	278	536528	51.76	nq	# 95
91) Benzo(g,h,i)perylene	17.08	276	573712	53.42	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

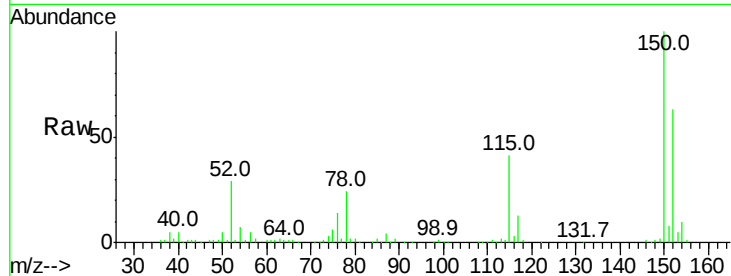
Tot Ion:152 Resp: 156280

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

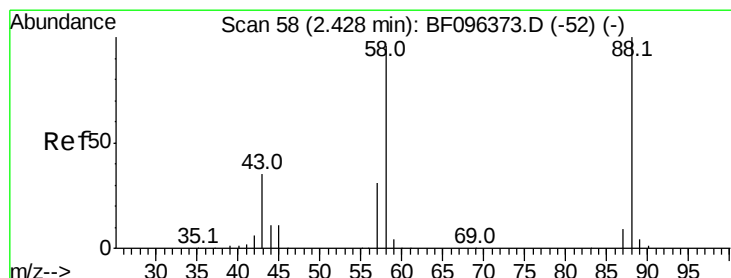
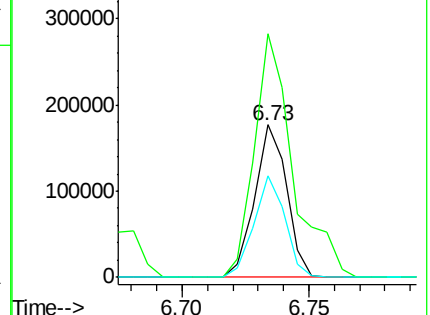
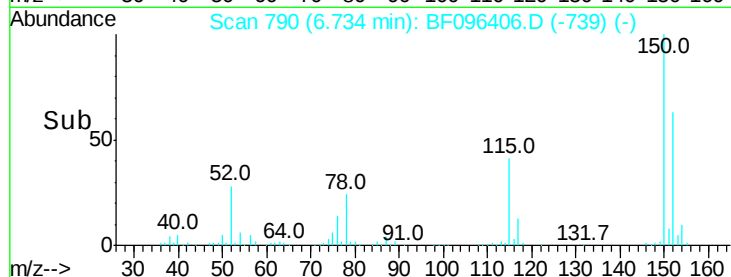
115 66.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.51 ng

RT: 2.50 min Scan# 71

Delta R.T. 0.08 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

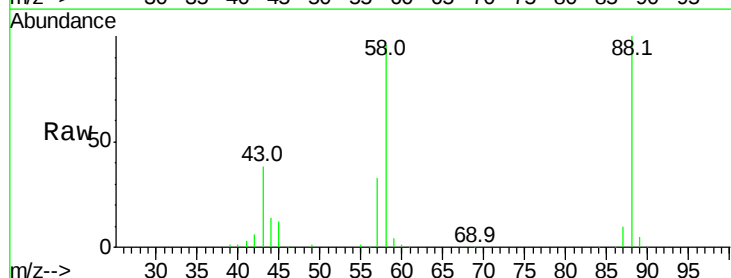
Tgt Ion: 88 Resp: 148140

Ion Ratio Lower Upper

88 100

58 100.6 61.4 92.0#

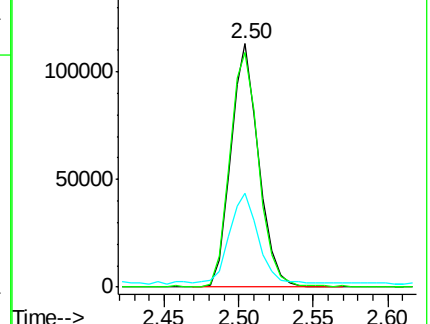
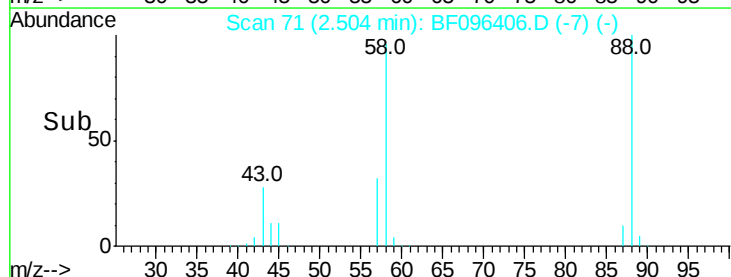
43 39.0 23.4 35.0#

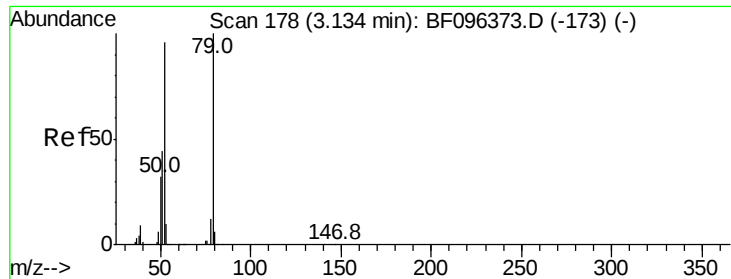


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

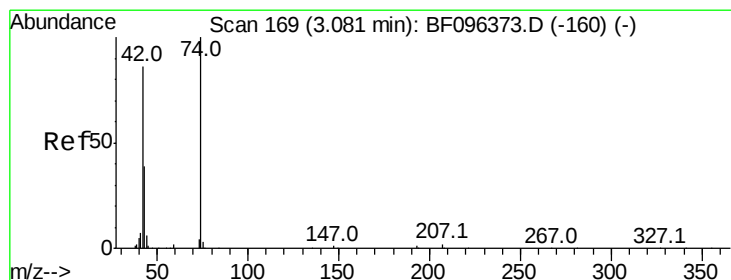
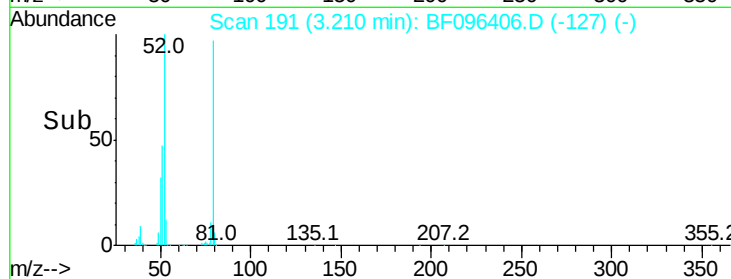
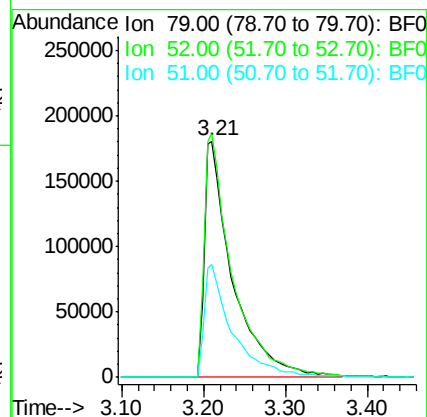
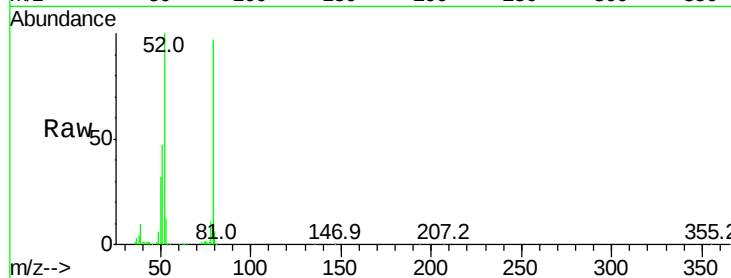




#3
 Pvridine
 Concen: 31.55 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.08 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

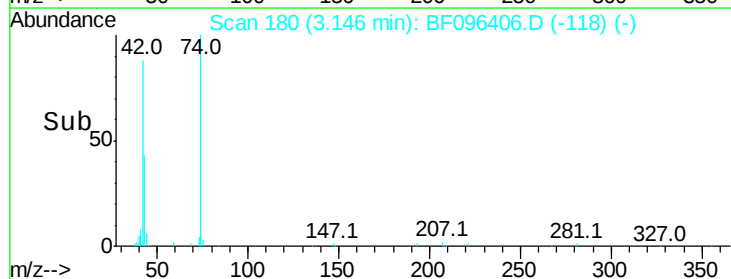
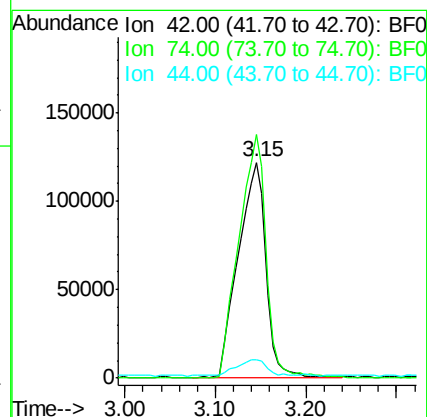
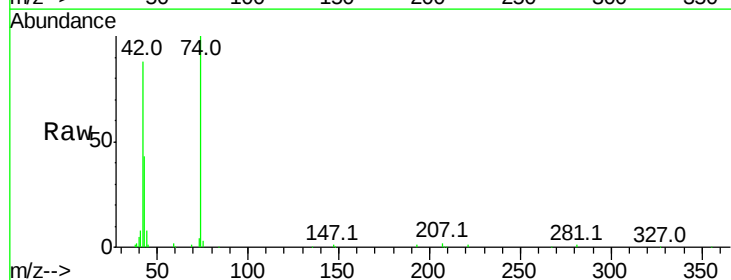
Instrument :
 BNA_F
 ClientSampleId :

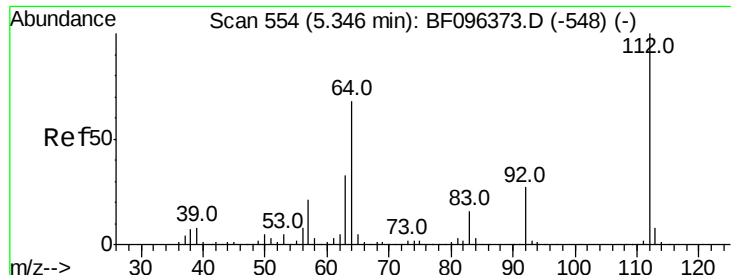
Tot Ion: 79 Resp: 434606
 Ion Ratio Lower Upper
 79 100
 52 103.0 54.8 82.2#
 51 48.0 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 37.56 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.06 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion: 42 Resp: 255367
 Ion Ratio Lower Upper
 42 100
 74 113.0 103.9 155.9
 44 8.7 5.7 8.5#

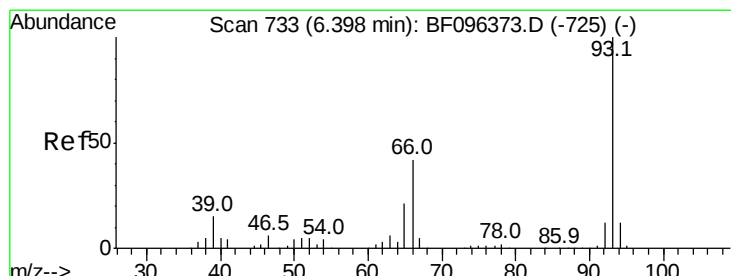
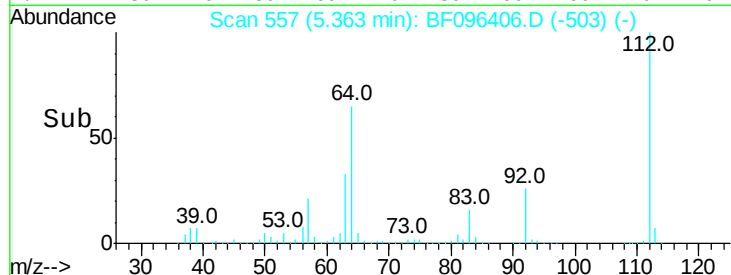
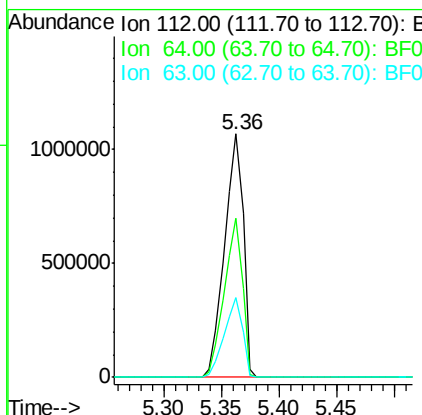
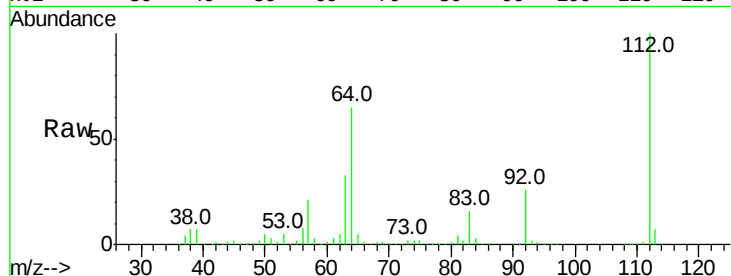




#5
 2-Fluorophenol
 Concen: 113.17 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

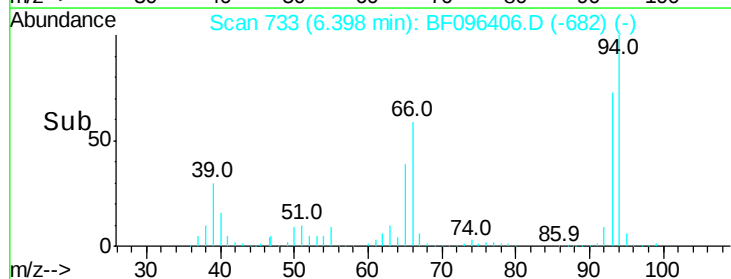
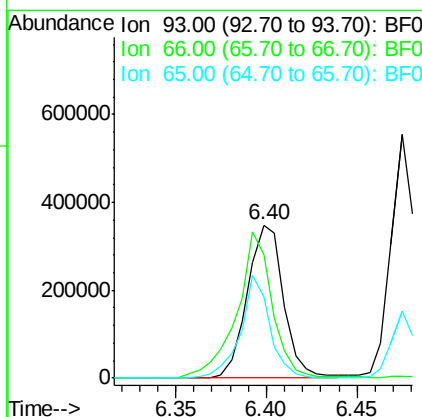
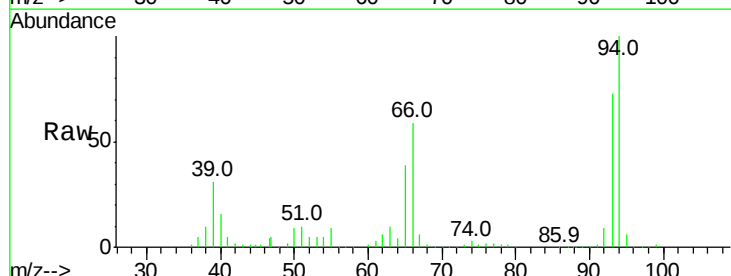
Instrument :
 BNA_F
 ClientSampled :

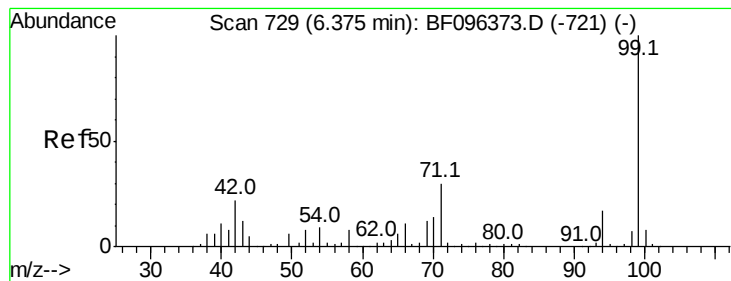
Tot Ion:112 Resp: 1198291
 Ion Ratio Lower Upper
 112 100
 64 65.2 46.0 69.0
 63 32.6 23.4 35.0



#6
 Aniline
 Concen: 28.85 ng
 RT: 6.40 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion: 93 Resp: 485431
 Ion Ratio Lower Upper
 93 100
 66 80.7 32.9 49.3#
 65 53.2 16.0 24.0#





#7

Phenol-d6

Concen: 120.10 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

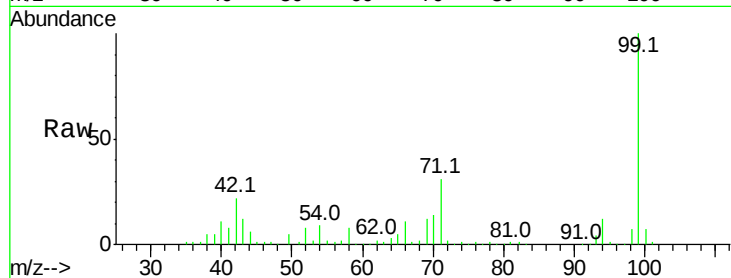
Instrument :

BNA_F

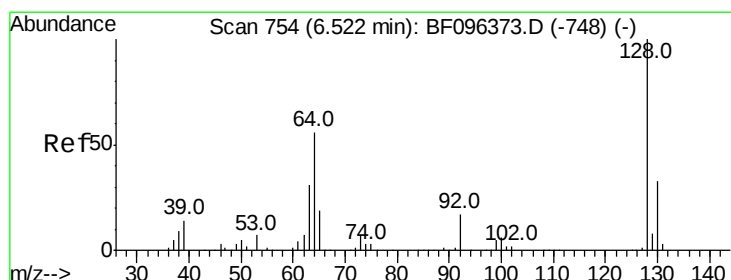
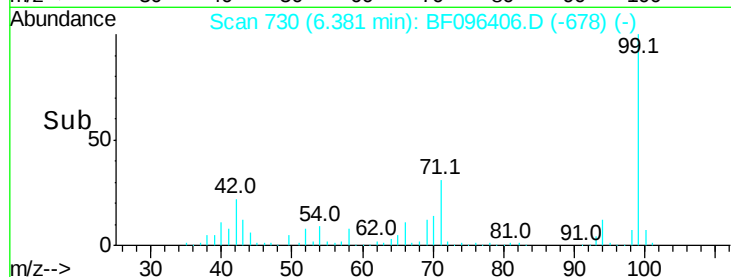
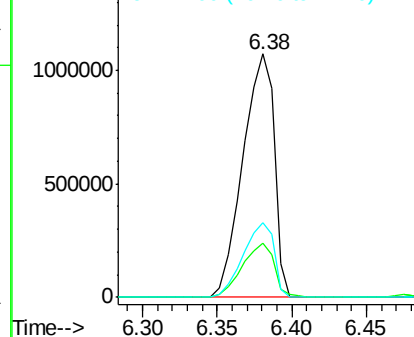
ClientSampleId :

Tot Ion: 99 Resp: 1563311

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.5	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.53 ng

RT: 6.53 min Scan# 755

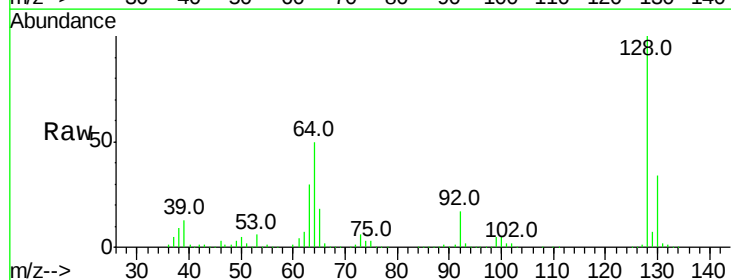
Delta R.T. 0.01 min

Lab File: BF096406.D

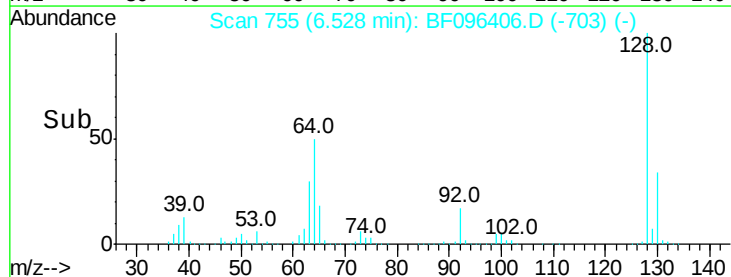
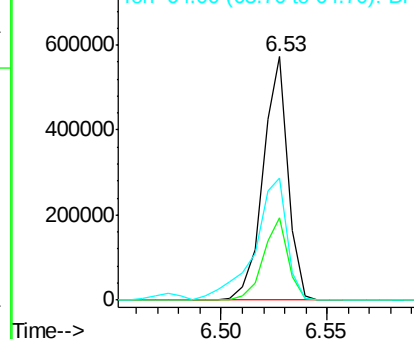
Acq: 2 Jul 2017 10:30

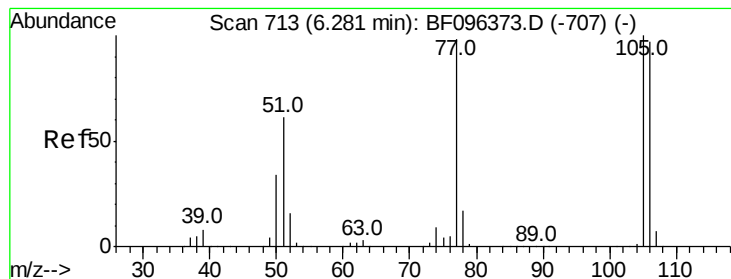
Tgt Ion:128 Resp: 468969

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.9	52.9
64	50.2	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: 24.39 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampled :

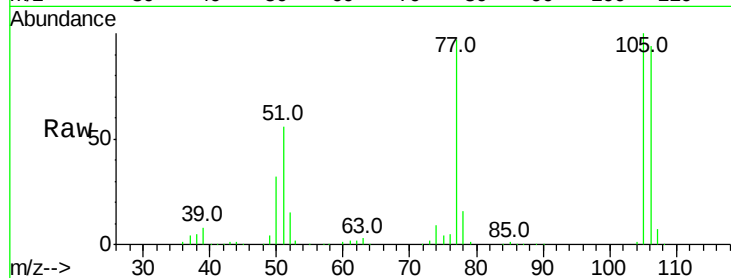
Tot Ion: 77 Resp: 198704

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

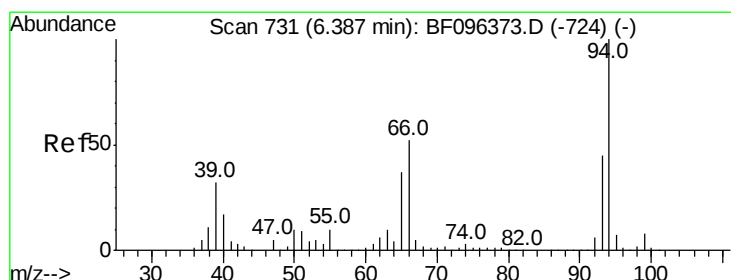
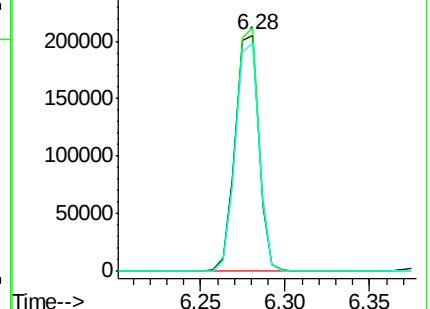
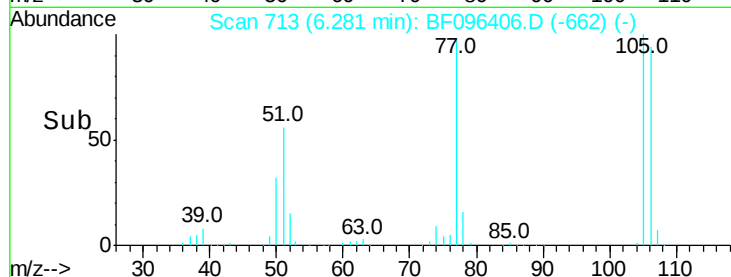
106 96.7 79.1 119.1



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: 38.97 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

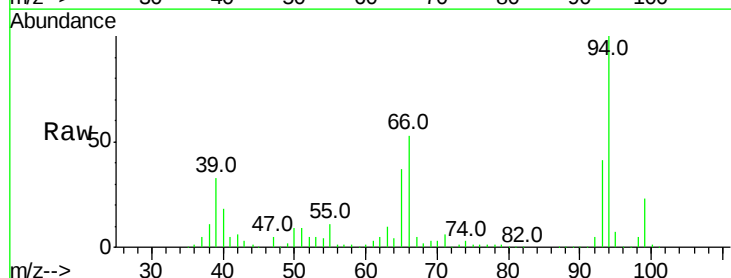
Tgt Ion: 94 Resp: 577918

Ion Ratio Lower Upper

94 100

65 36.9 9.9 49.9

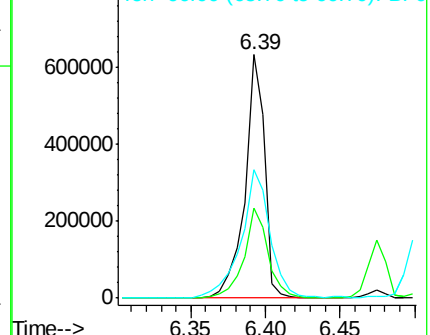
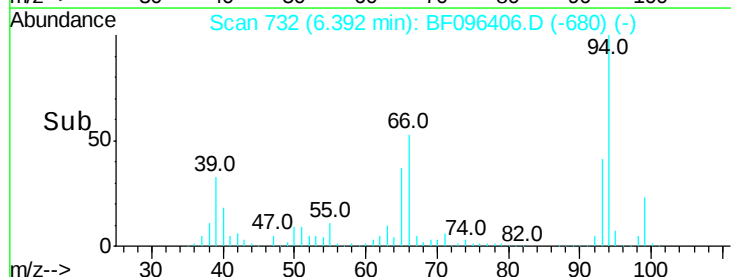
66 52.7 23.1 63.1

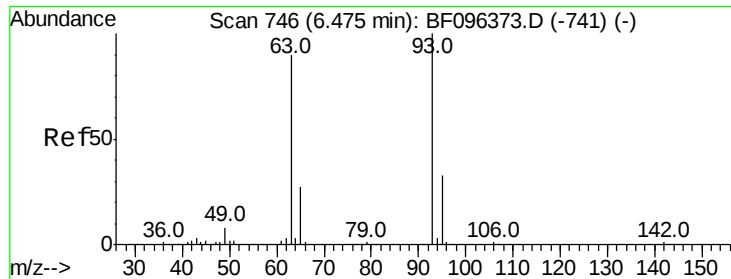


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

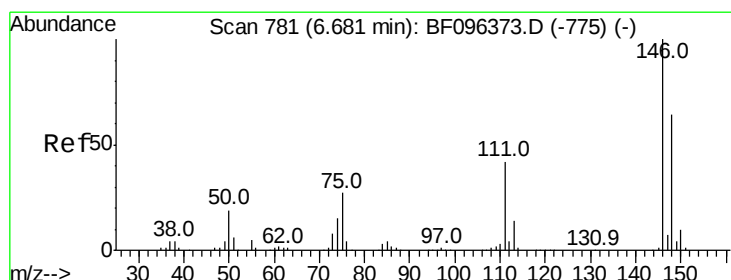
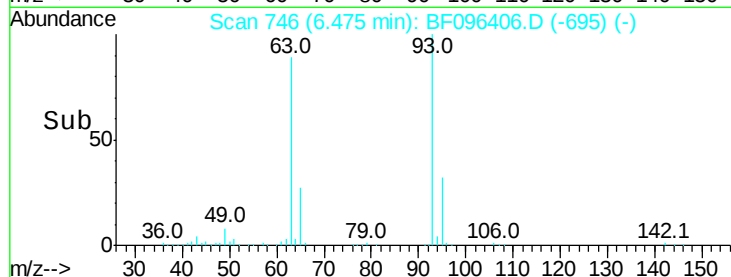
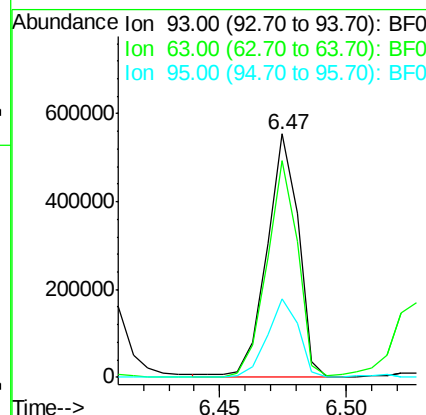
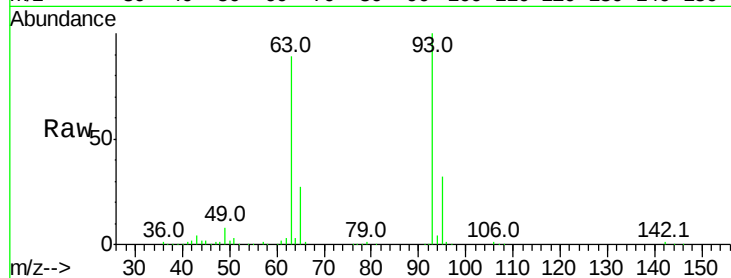




#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

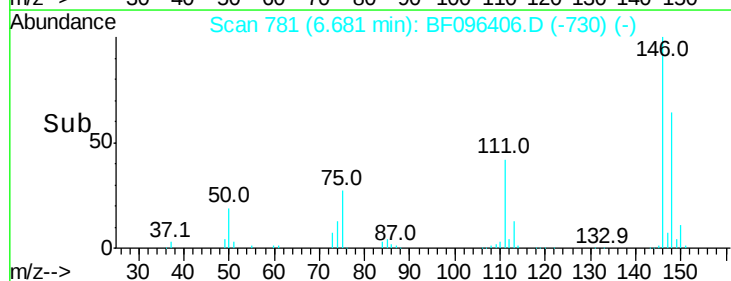
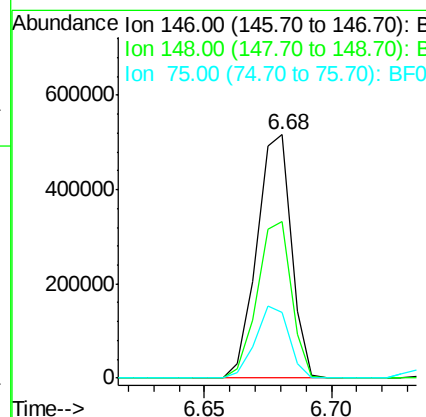
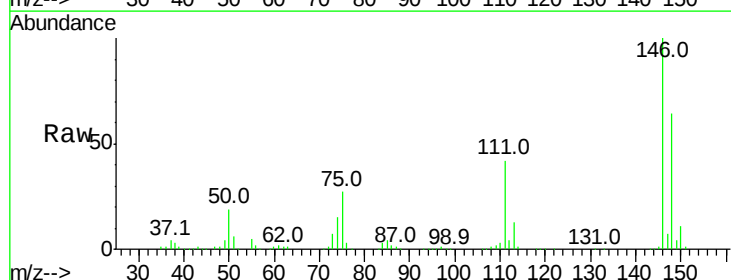
Instrument :
BNA_F
ClientSampleId :

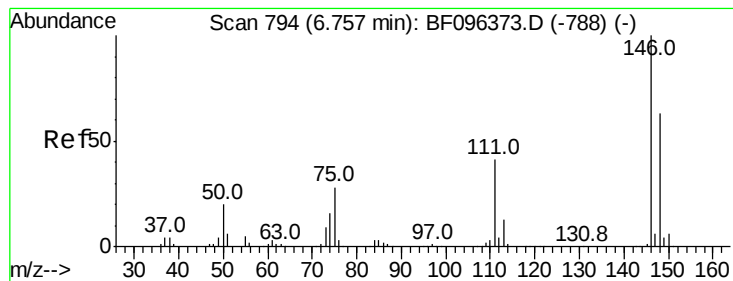
Tot Ion: 93 Resp: 480648
Ion Ratio Lower Upper
93 100
63 89.0 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.58 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion: 146 Resp: 492237
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 27.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.58 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

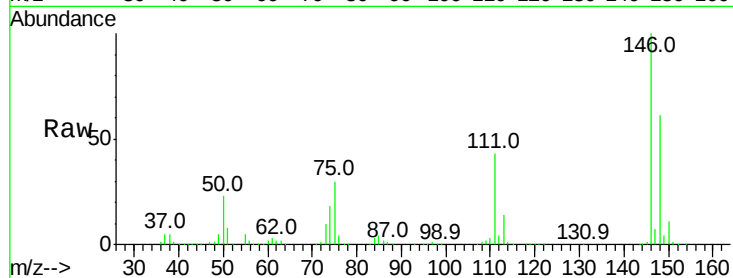
Tot Ion:146 Resp: 503855

Ion Ratio Lower Upper

146 100

148 61.2 52.2 78.2

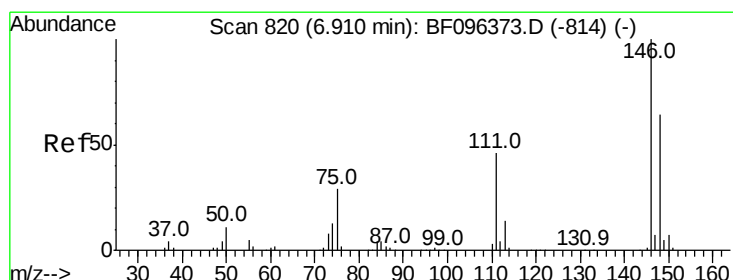
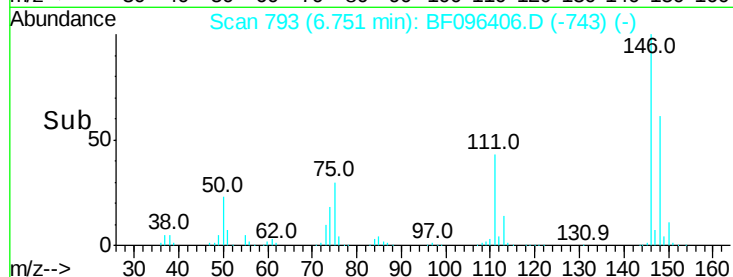
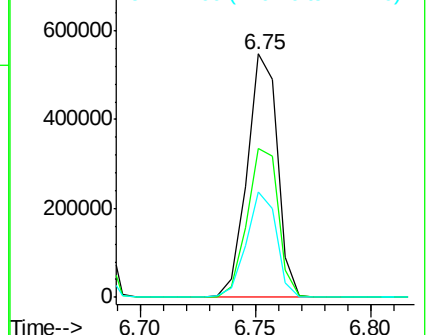
111 43.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.17 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

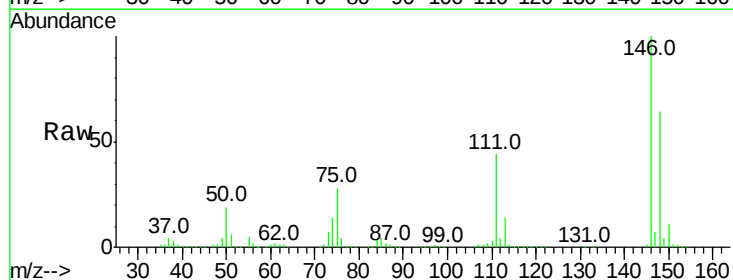
Tgt Ion:146 Resp: 458150

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

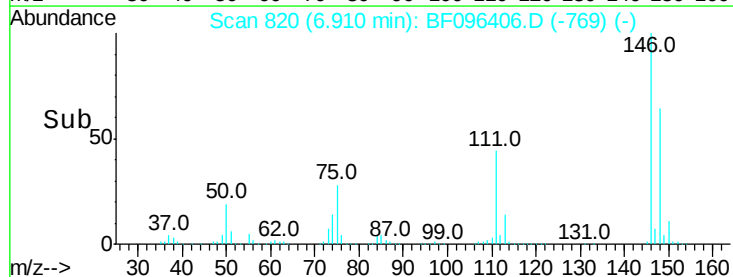
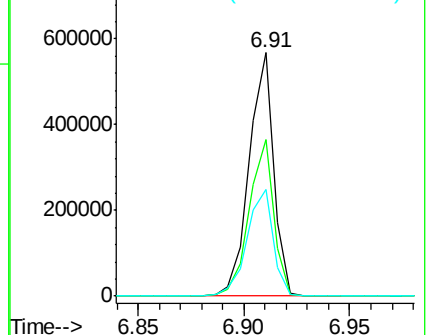
111 43.9 38.2 57.4

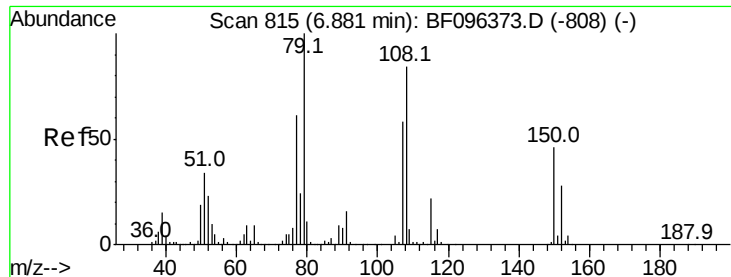


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

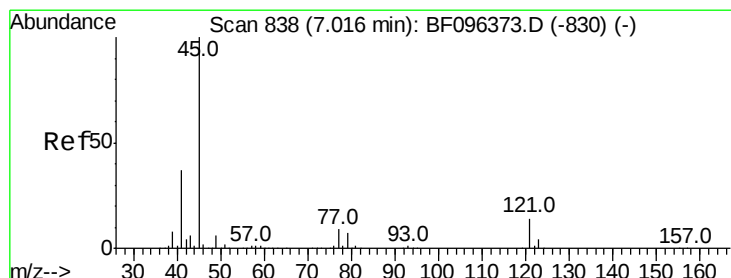
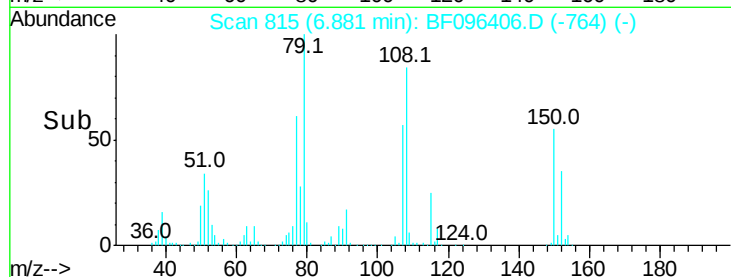
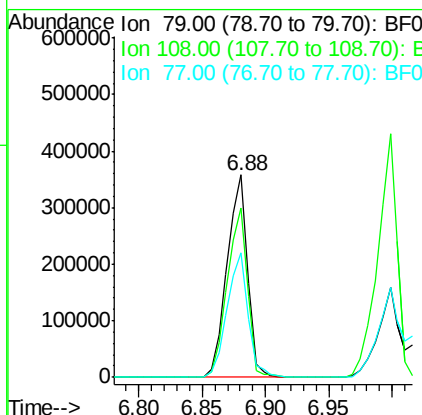
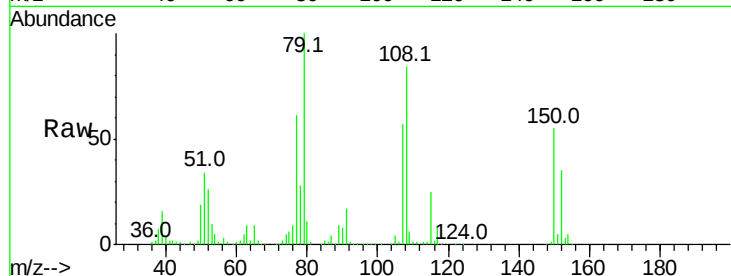




#15
Benzyl Alcohol
Concen: 45.78 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

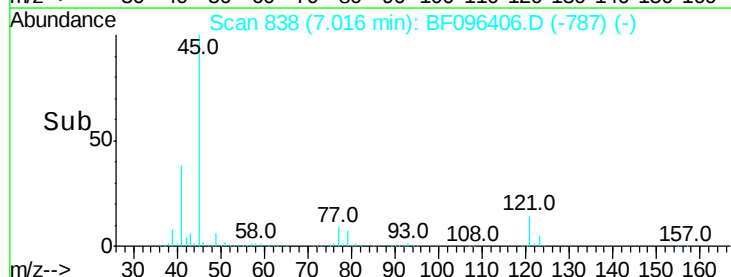
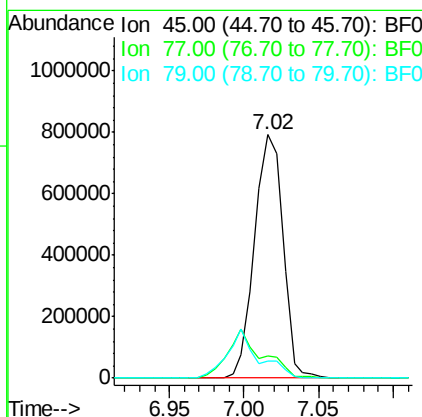
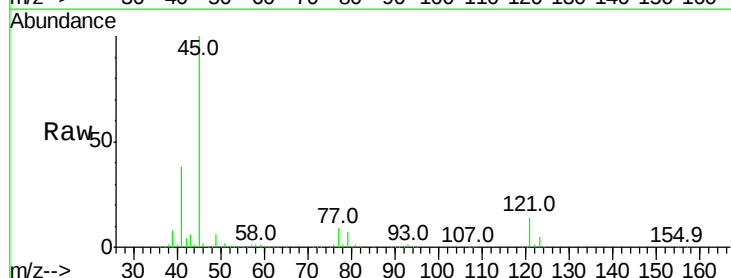
Instrument :
BNA_F
ClientSampled :

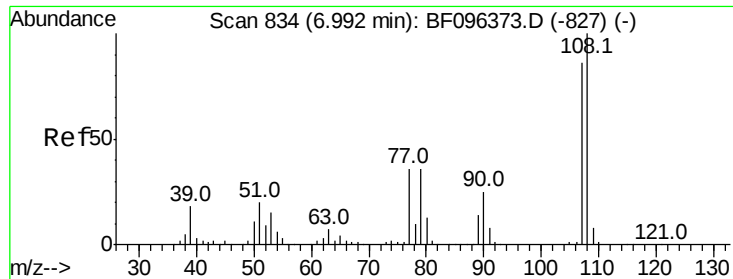
Tot Ion: 79 Resp: 398365
Ion Ratio Lower Upper
79 100
108 84.1 63.4 95.0
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.27 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion: 45 Resp: 1031518
Ion Ratio Lower Upper
45 100
77 9.3 0.0 33.2
79 7.1 0.0 30.0

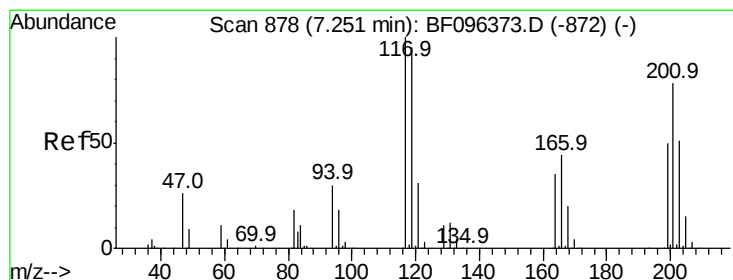
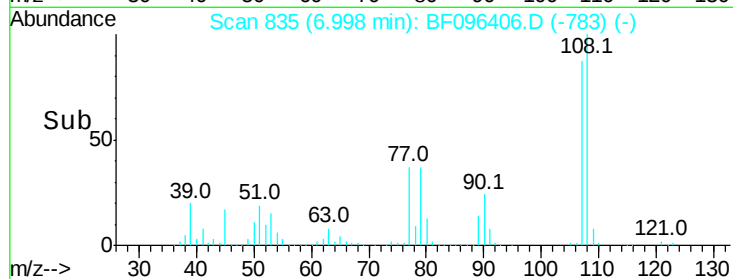
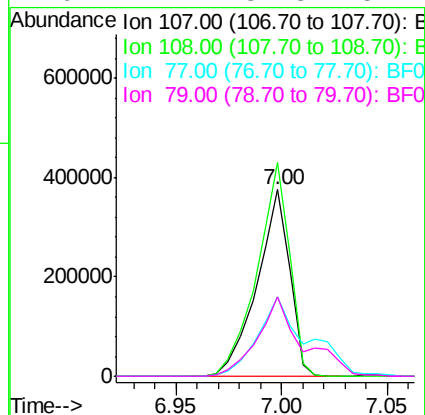
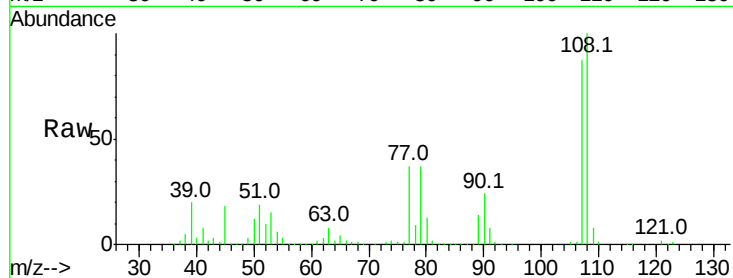




#17
2-Methylphenol
Concen: 45.02 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

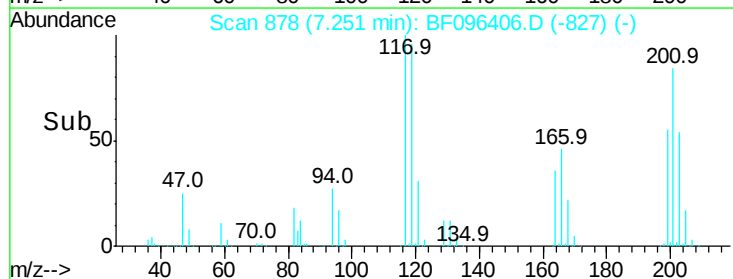
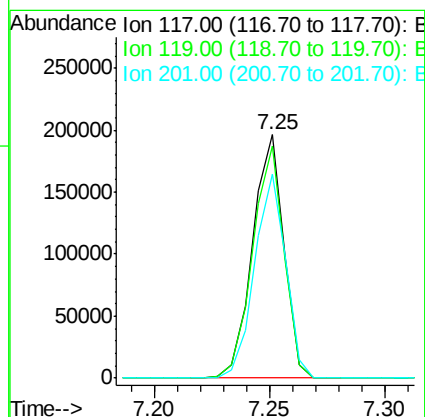
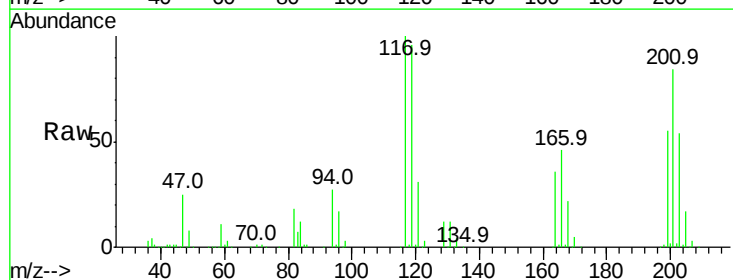
Instrument :
BNA_F
ClientSampleId :

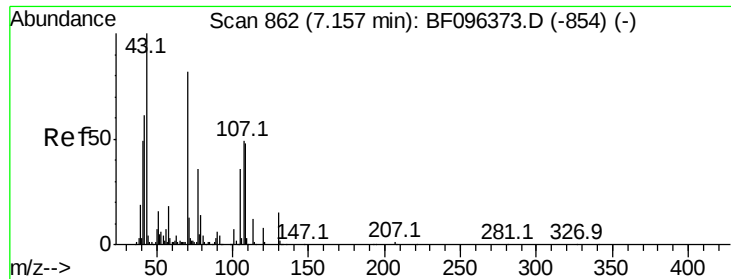
Tot Ion:107 Resp: 405094
Ion Ratio Lower Upper
107 100
108 114.4 93.4 140.0
77 42.4 35.8 53.6
79 42.4 34.8 52.2



#18
Hexachloroethane
Concen: 43.27 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:117 Resp: 185631
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
201 84.0 94.6 141.8#

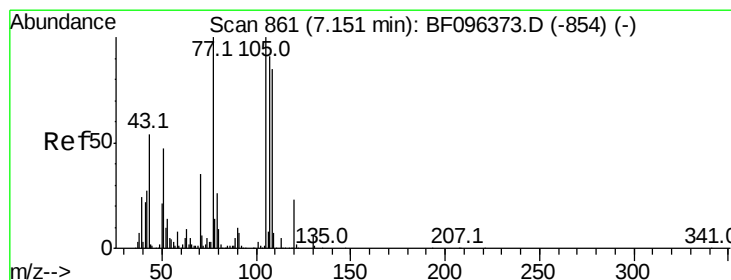
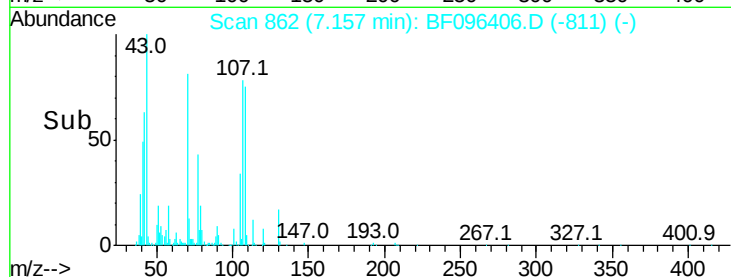
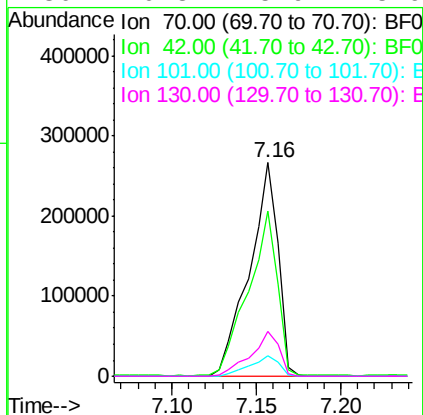
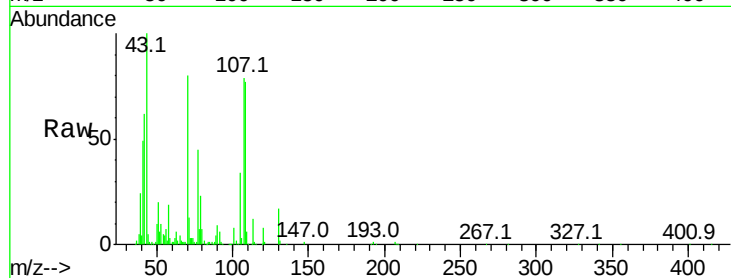




#19
n-Nitroso-di-n-propylamine
Concen: 40.95 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

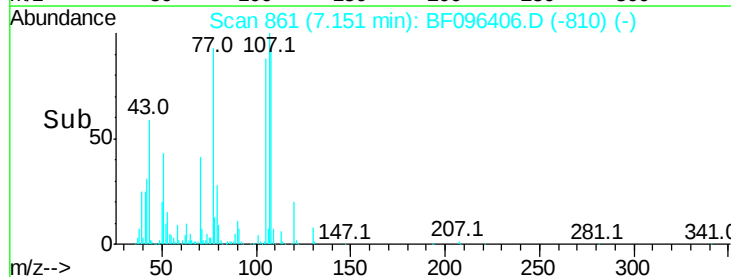
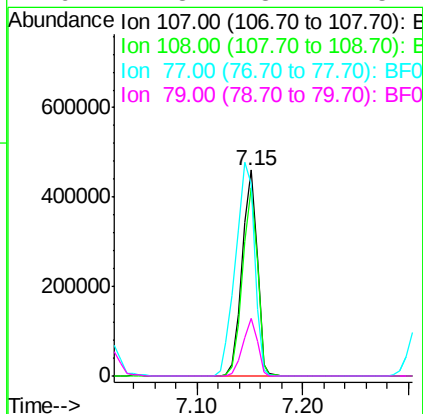
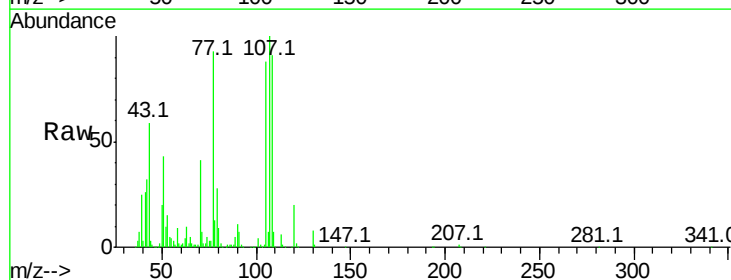
Instrument :
BNA_F
ClientSampleId :

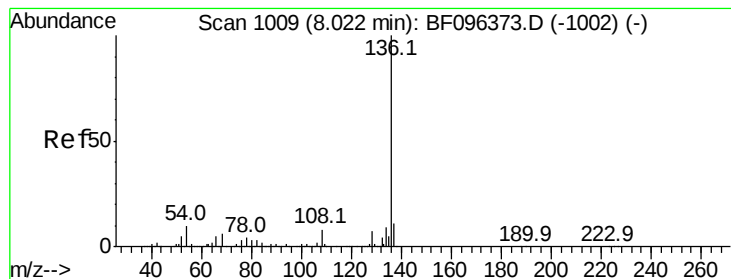
Tot Ion: 70 Resp: 317519
Ion Ratio Lower Upper
70 100
42 77.5 47.2 70.8#
101 9.8 7.2 10.8
130 20.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.76 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion: 107 Resp: 449206
Ion Ratio Lower Upper
107 100
108 91.5 71.0 111.0
77 93.4 90.5 130.5
79 27.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 664015

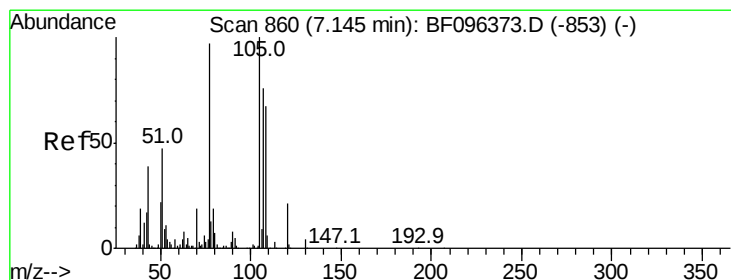
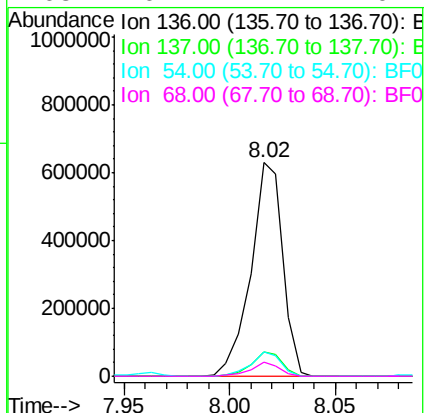
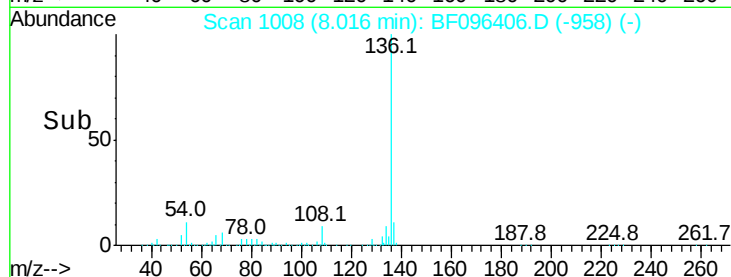
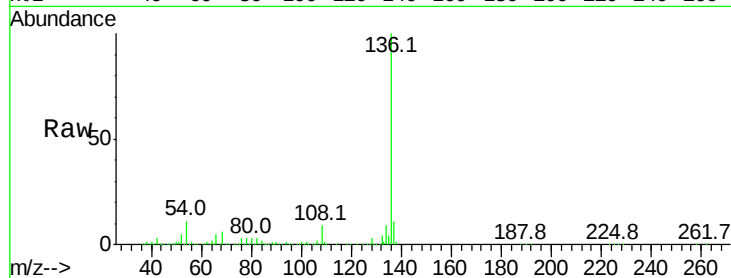
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.2 4.9 7.3#

68 6.4 4.1 6.1#



#22

Acetophenone

Concen: 42.60 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:105 Resp: 618029

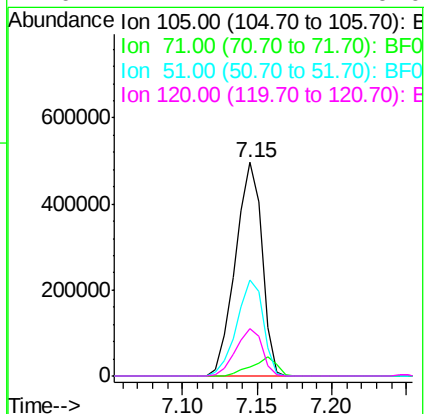
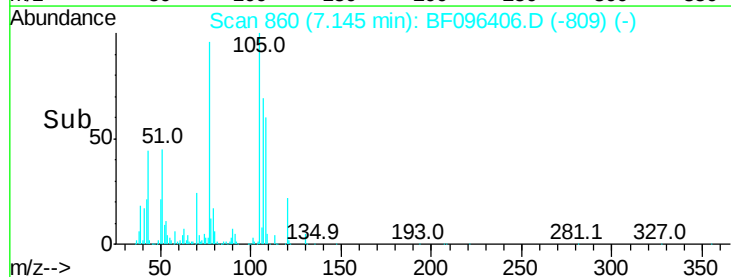
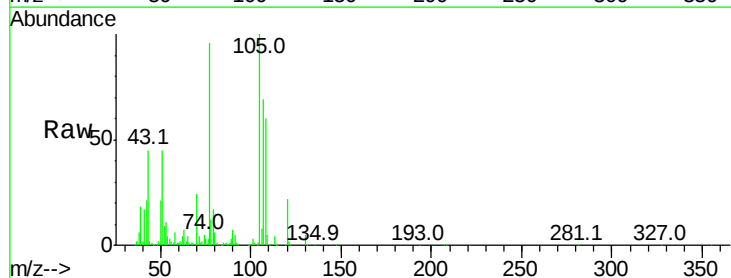
Ion Ratio Lower Upper

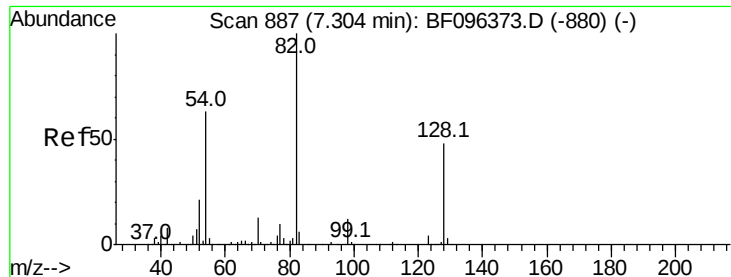
105 100

71 4.2 2.8 4.2#

51 45.1 30.7 46.1

120 22.1 17.4 26.0

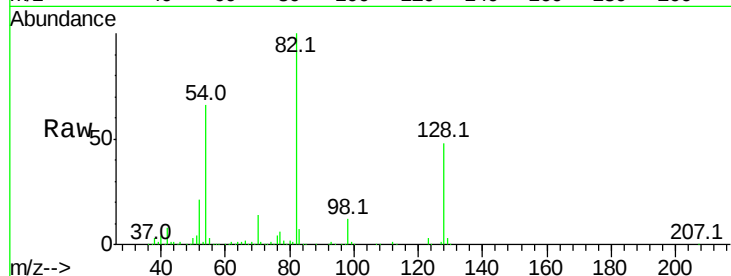




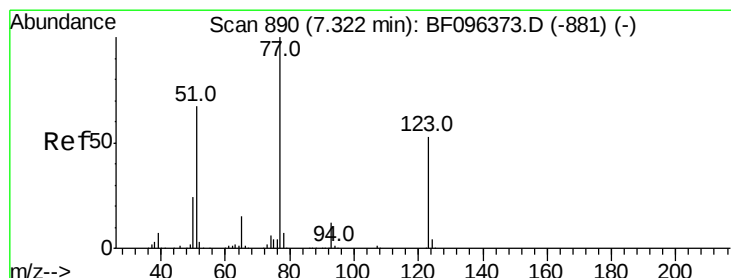
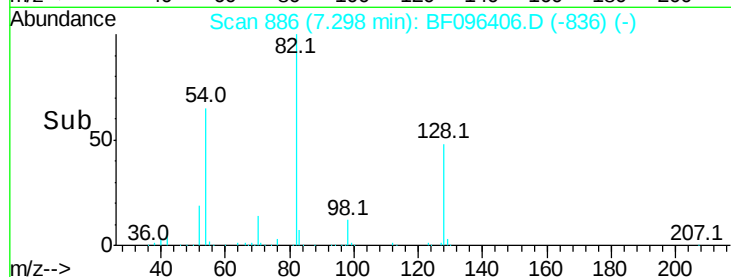
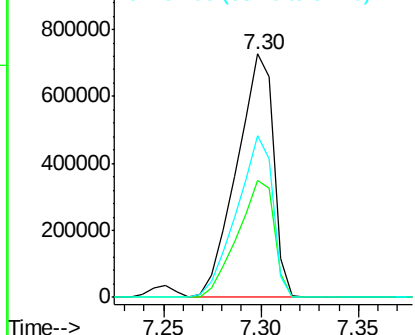
#23
Nitrobenzene-d5
Concen: 85.40 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 943693
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 66.3 42.2 63.2#

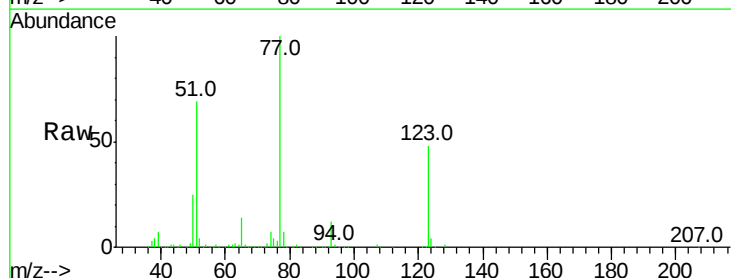


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

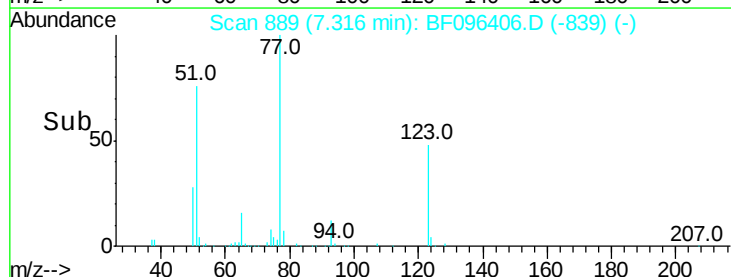
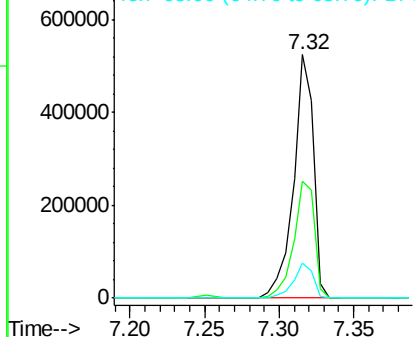


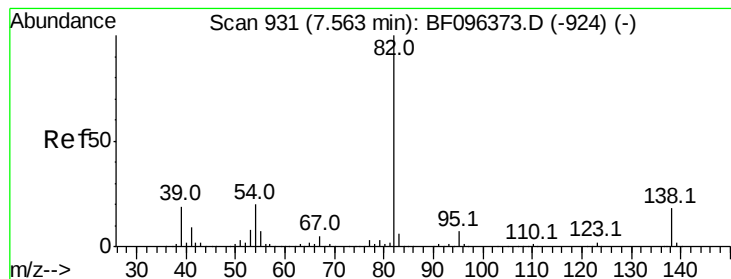
#24
Nitrobenzene
Concen: 42.55 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion: 77 Resp: 493257
Ion Ratio Lower Upper
77 100
123 47.9 35.8 53.8
65 14.3 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: 42.95 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

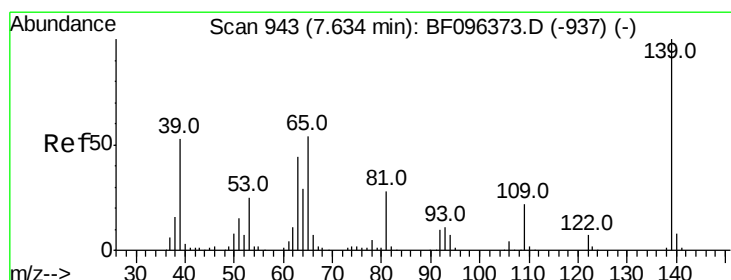
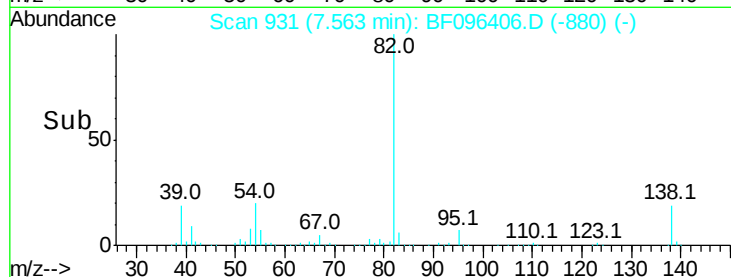
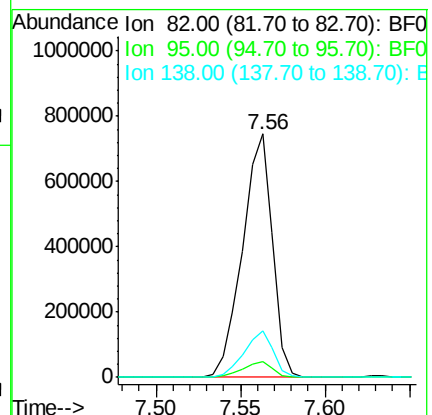
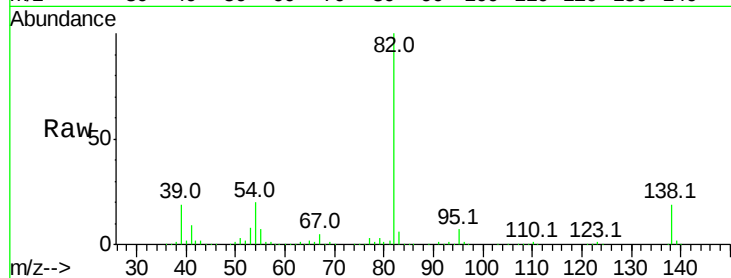
Tot Ion: 82 Resp: 920114

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 44.65 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

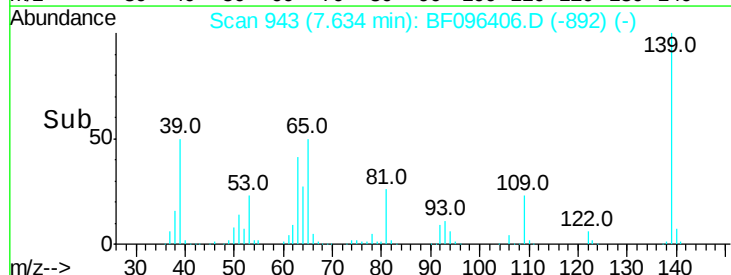
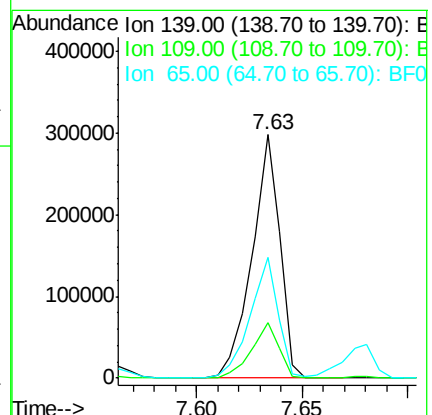
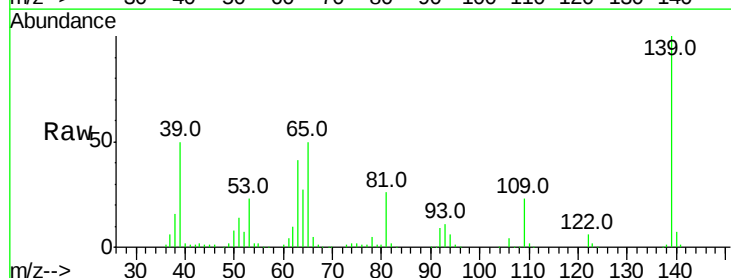
Tgt Ion: 139 Resp: 273975

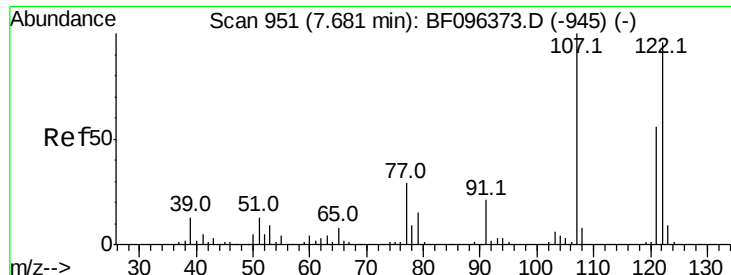
Ion Ratio Lower Upper

139 100

109 22.6 21.0 31.6

65 49.8 33.0 49.6#

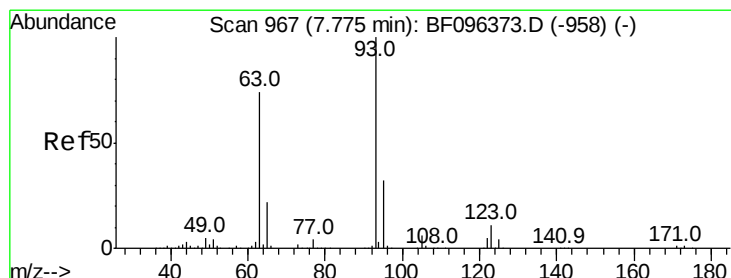
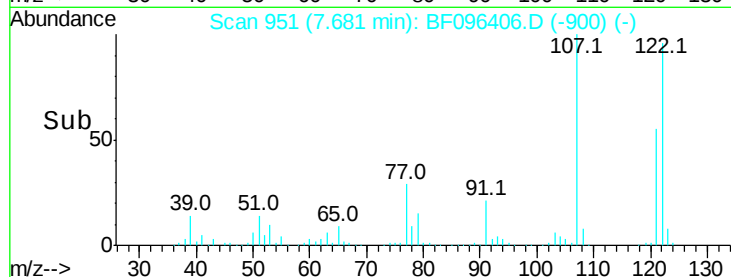
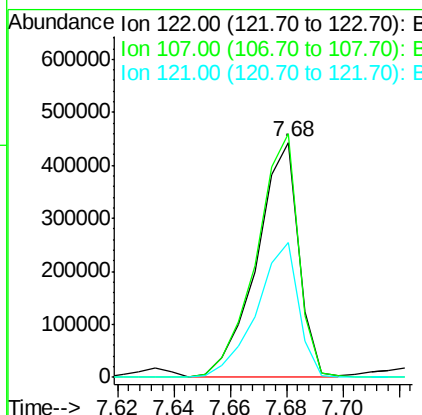
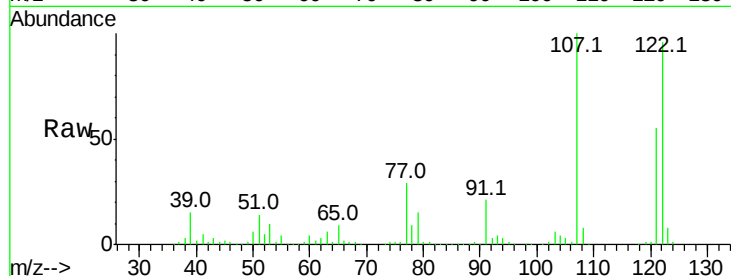




#27
 2,4-Dimethylphenol
 Concen: 43.94 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

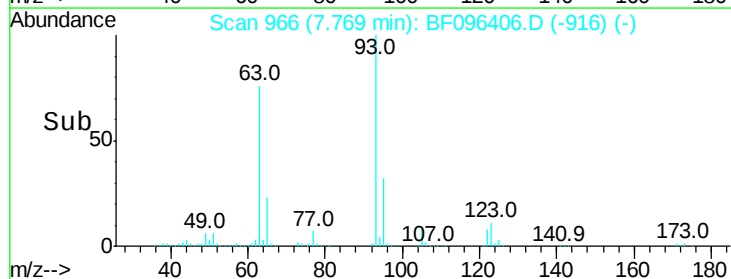
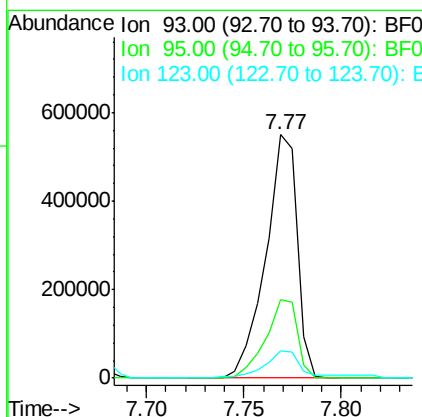
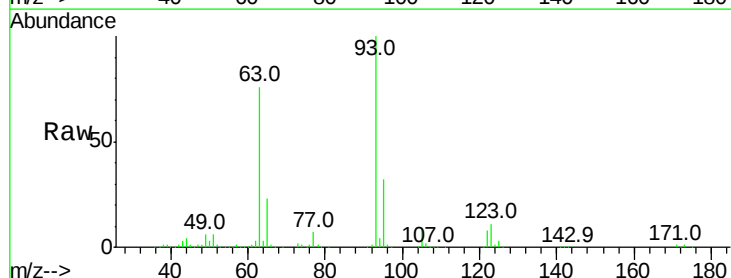
Instrument :
 BNA_F
 ClientSampled :

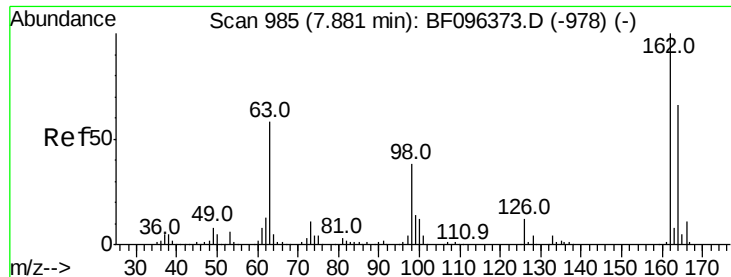
Tot Ion:122 Resp: 459054
 Ion Ratio Lower Upper
 122 100
 107 103.8 89.2 133.8
 121 57.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.42 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion: 93 Resp: 614159
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.2 9.0 13.4

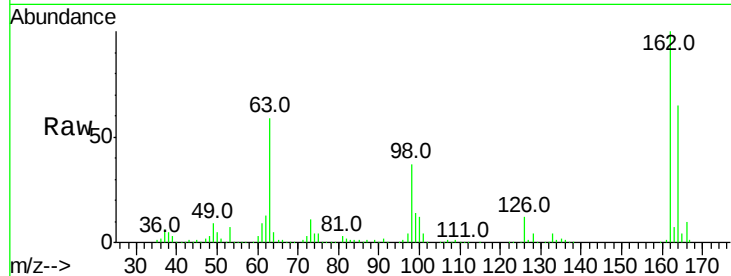




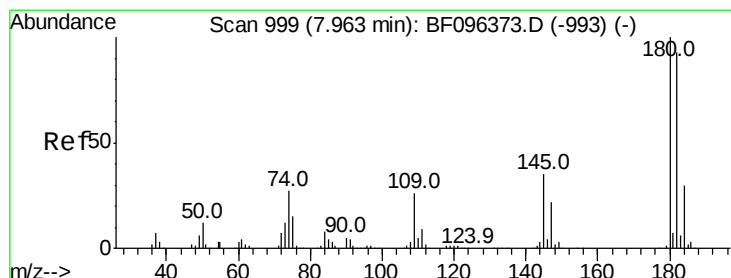
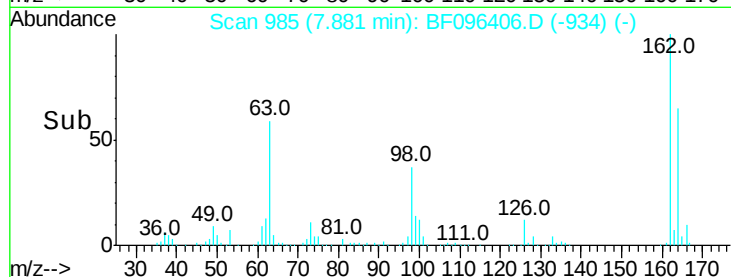
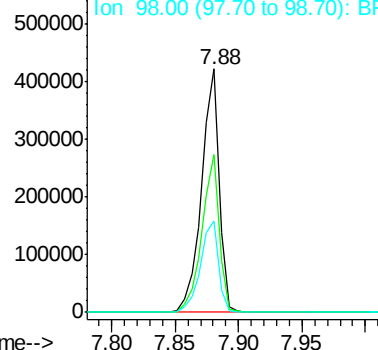
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	37.3	14.8	54.8

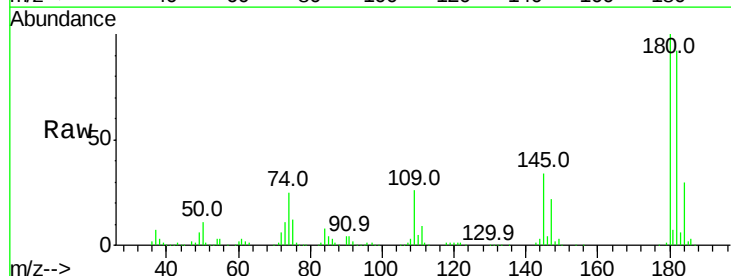


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

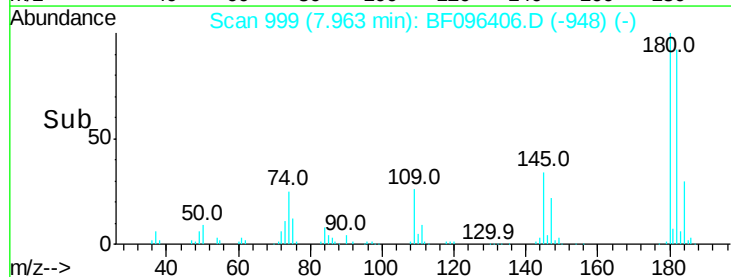
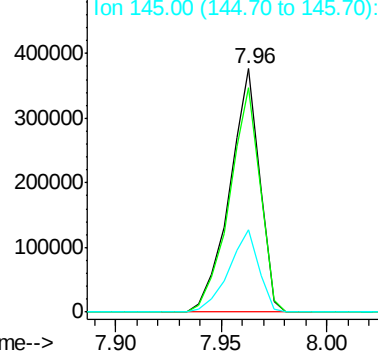


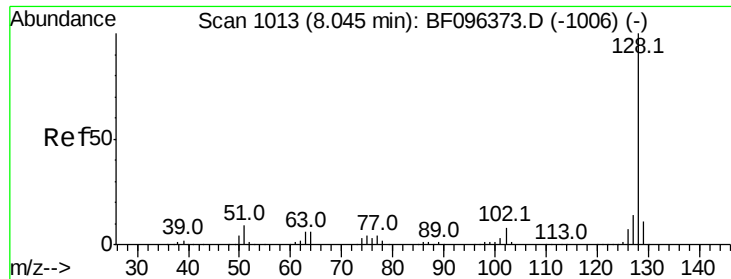
#30
 1,2,4-Trichlorobenzene
 Concen: 43.79 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.8	113.6
145	33.8	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

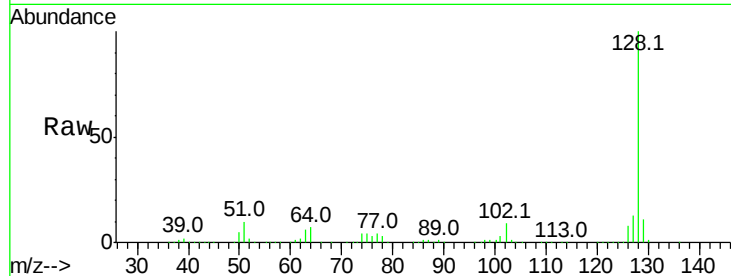




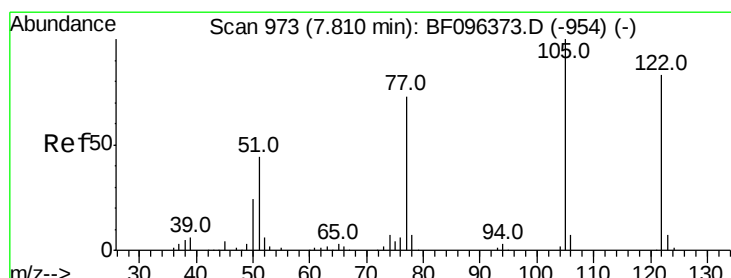
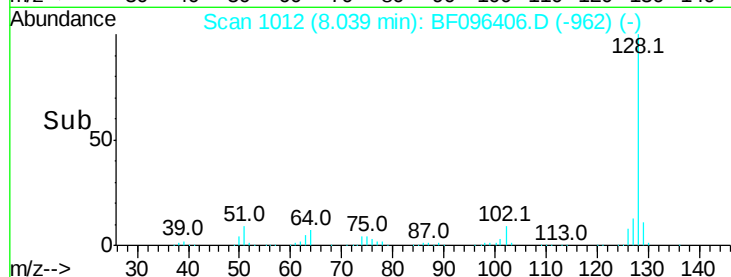
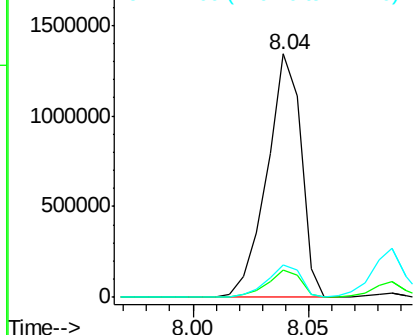
#31
Naphthalene
Concen: 43.84 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1374208
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

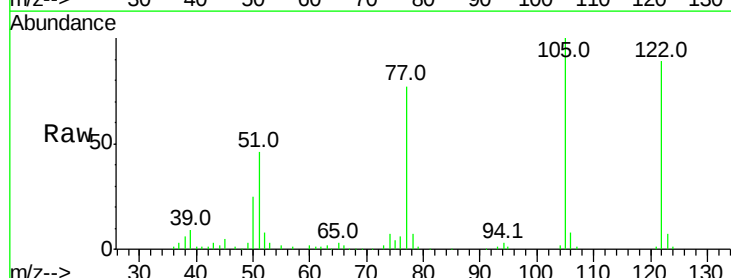


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

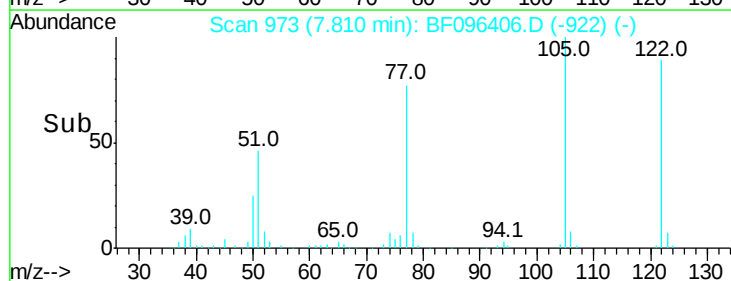
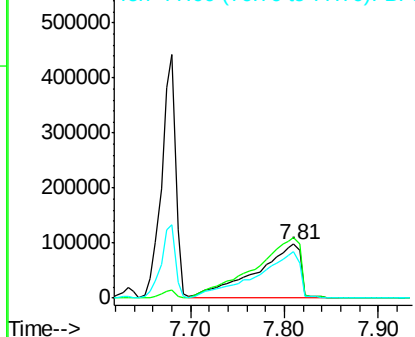


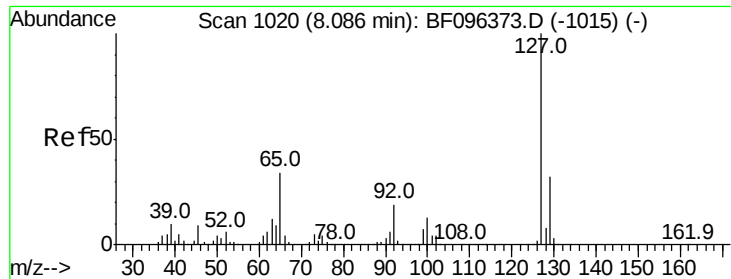
#32
Benzoic acid
Concen: 36.75 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:122 Resp: 322472
Ion Ratio Lower Upper
122 100
105 112.3 103.3 143.3
77 86.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

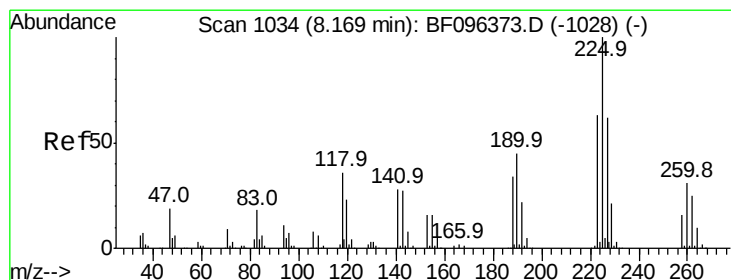
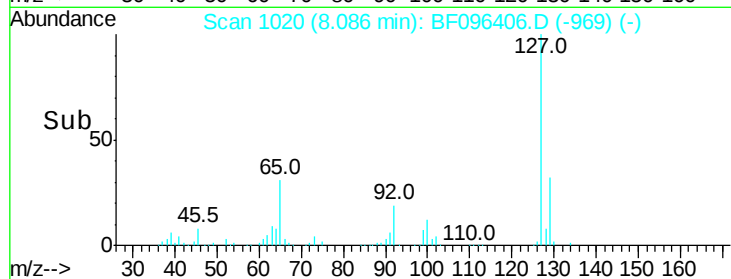
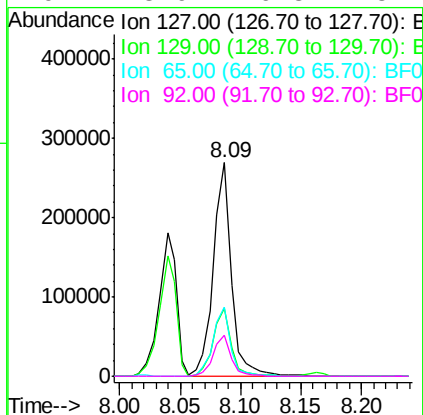
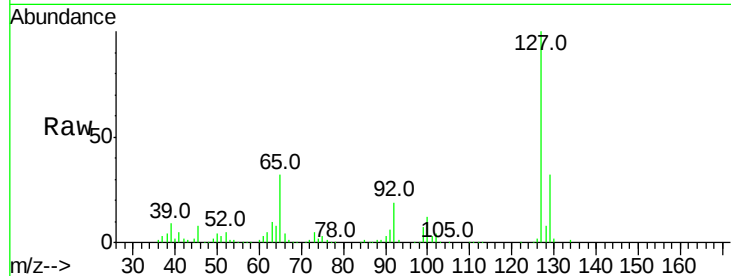




#33
4-Chloroaniline
Concen: 21.12 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

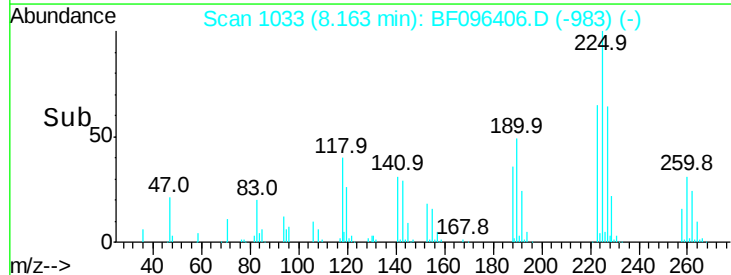
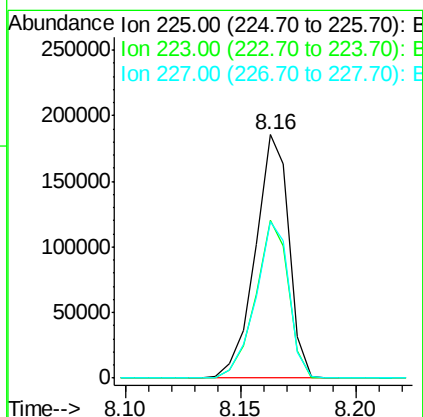
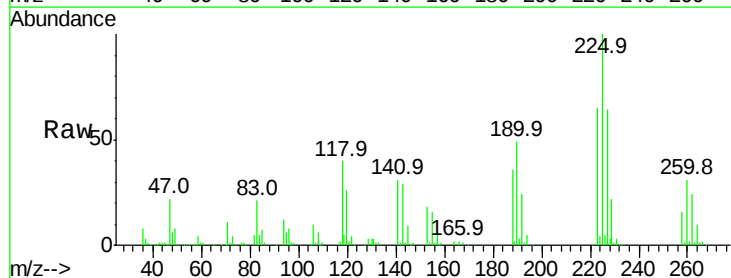
Instrument :
BNA_F
ClientSampleId :

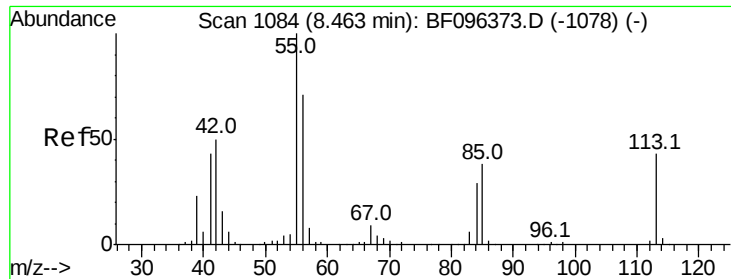
Tot Ion:	127	Resp:	275036
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	32.4	27.8	41.8
92	18.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.01 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:	225	Resp:	187586
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	64.1	51.1	76.7

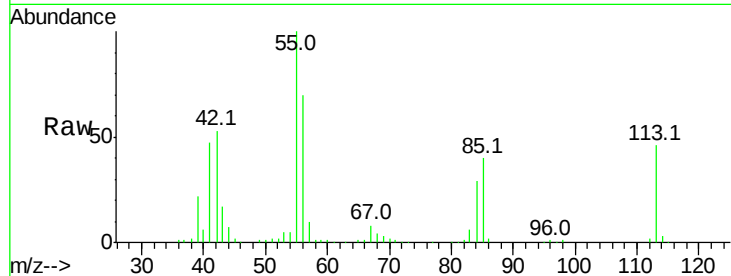




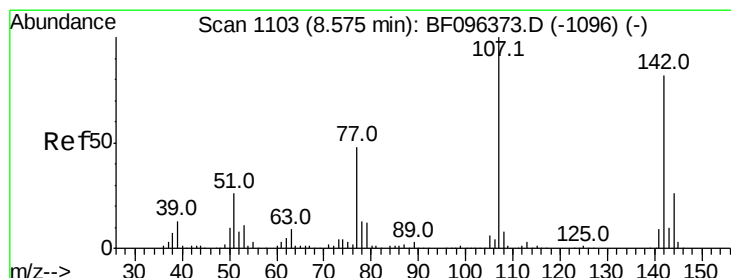
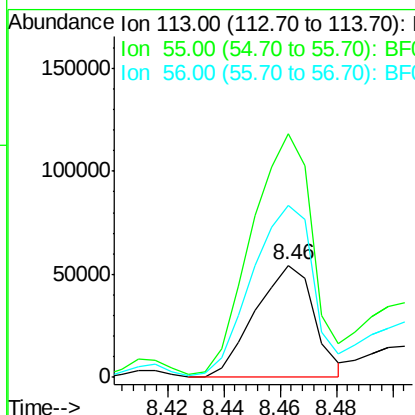
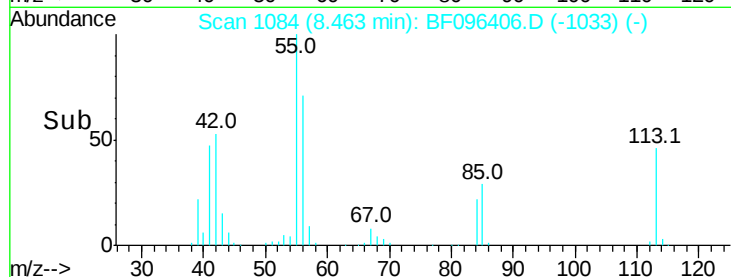
#35
 Caprolactam
 Concen: 25.46 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 79139
 Ion Ratio Lower Upper
 113 100
 55 216.8 150.2 190.2#
 56 152.6 107.8 147.8#

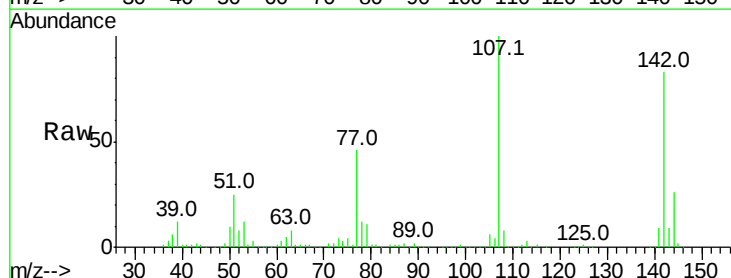


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

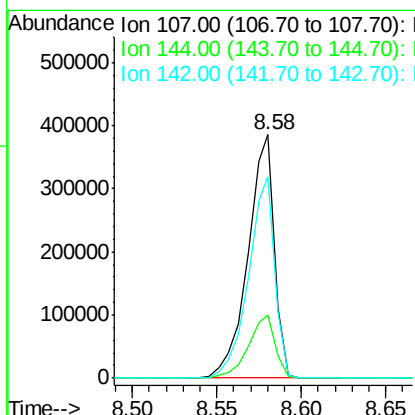
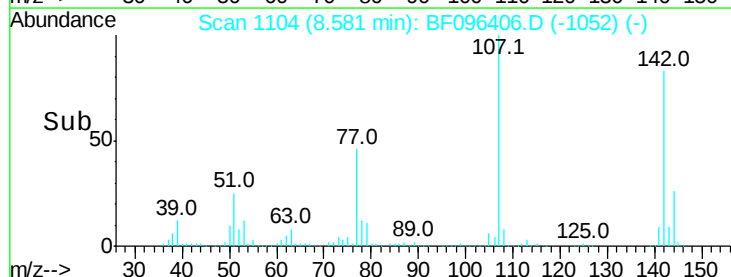


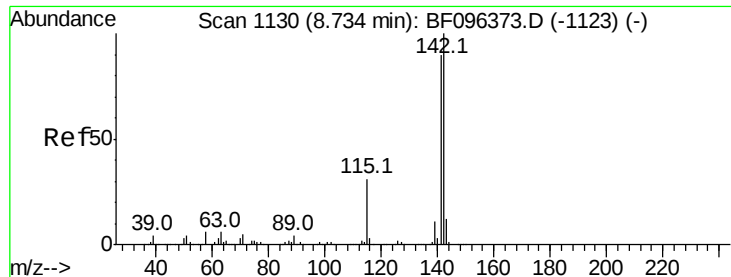
#36
 4-Chloro-3-methylphenol
 Concen: 42.28 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:107 Resp: 421678
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 82.9 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

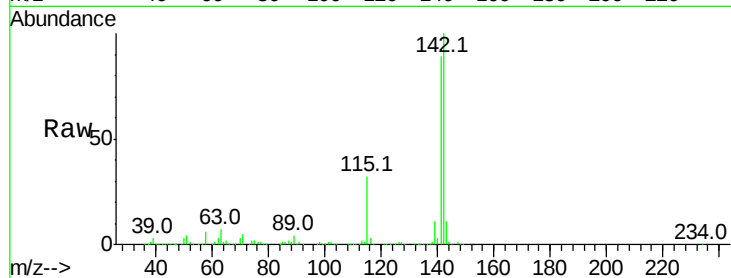




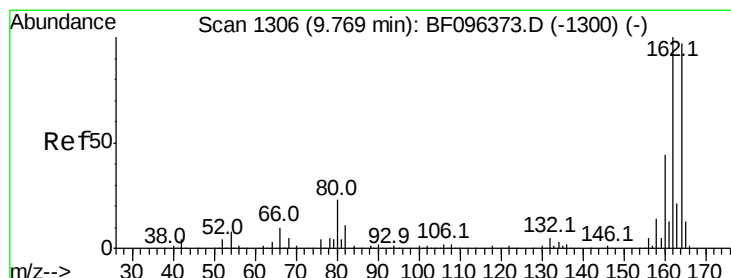
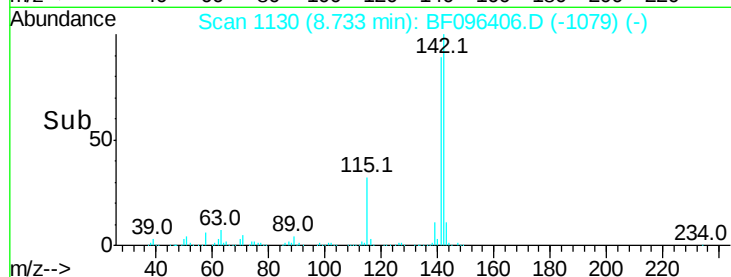
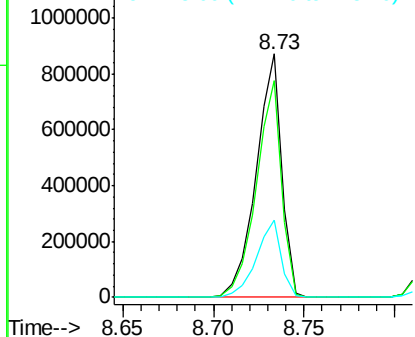
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 851701
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 31.6 27.1 40.7

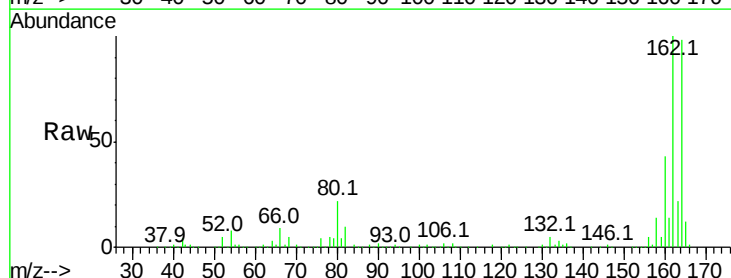


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

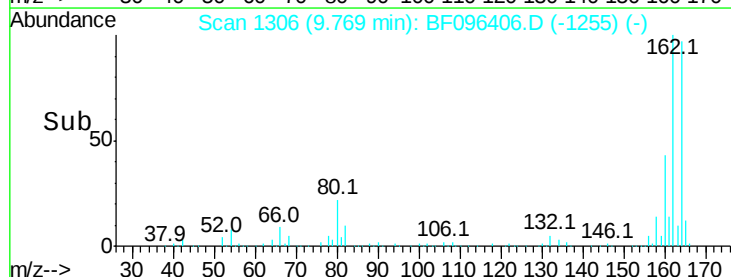
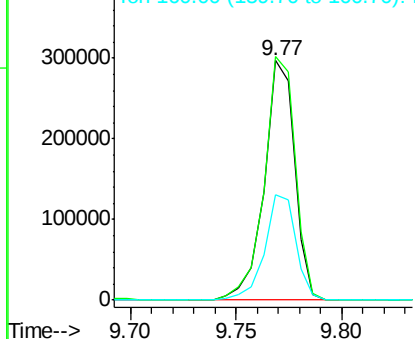


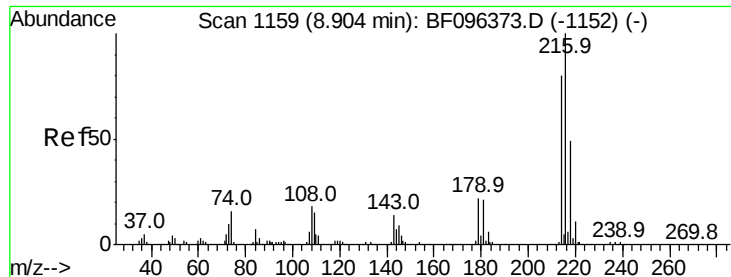
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:164 Resp: 298213
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.1 36.2 54.2



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

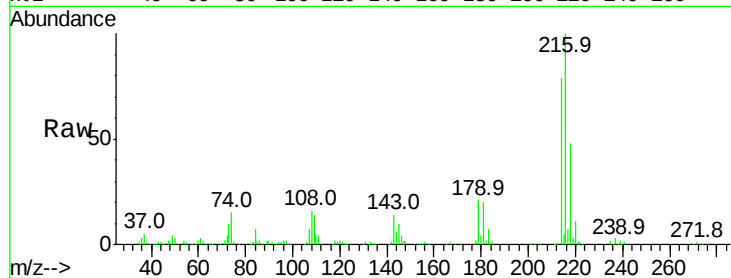




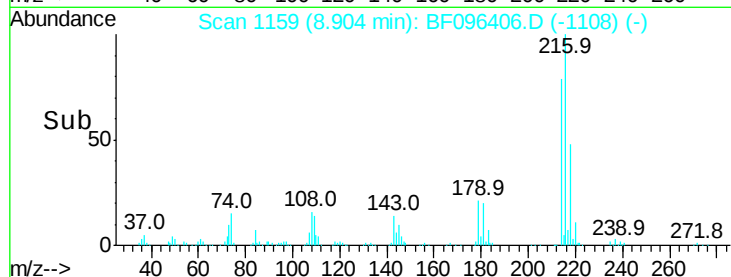
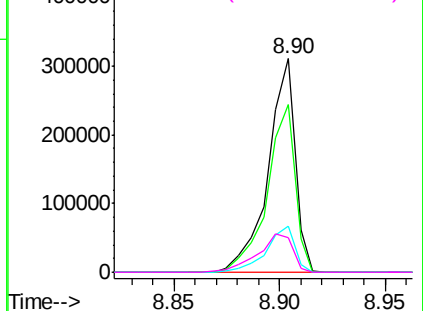
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.69 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	276346
Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.4	95.2
179	22.5	17.9	26.9
108	23.4	16.5	24.7

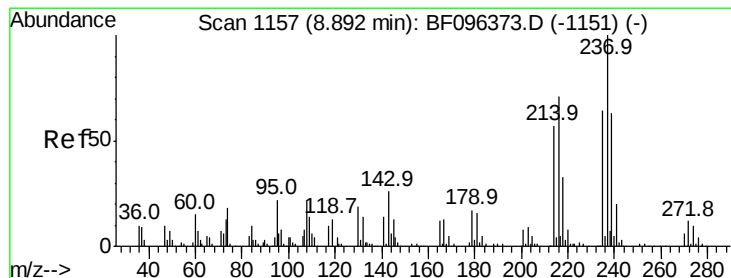


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

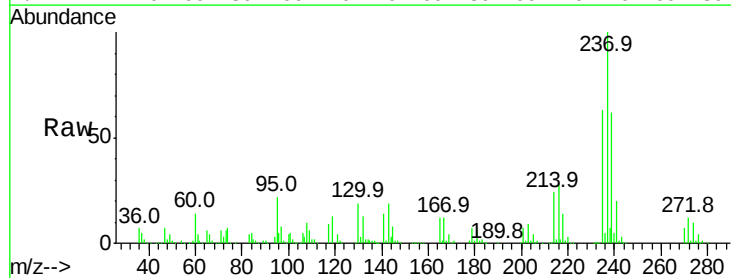
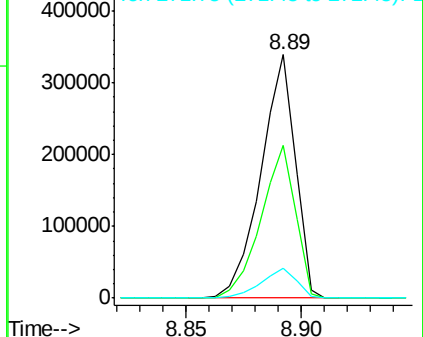


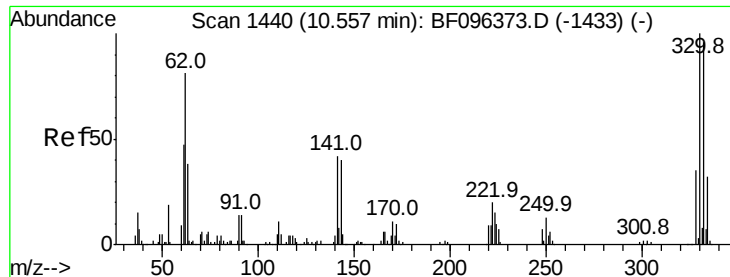
#40
 Hexachlorocyclopentadiene
 Concen: 93.39 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:	237	Resp:	351622
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.4	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

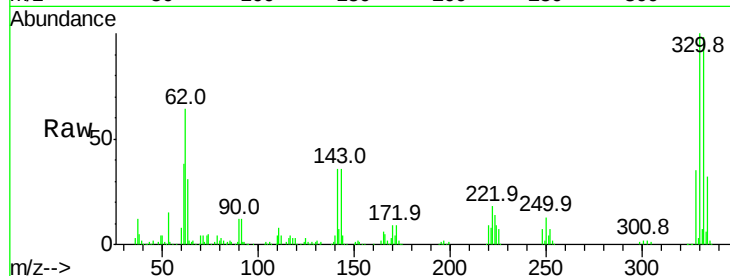




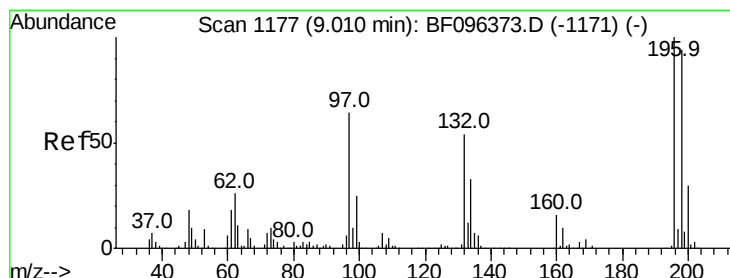
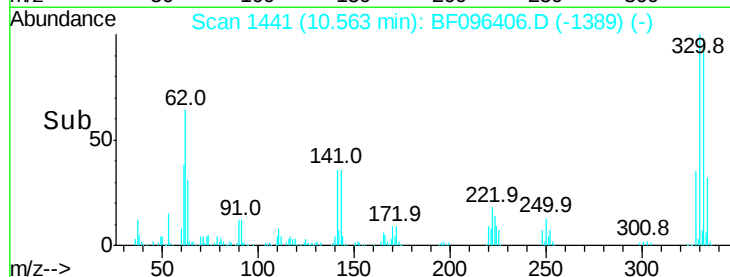
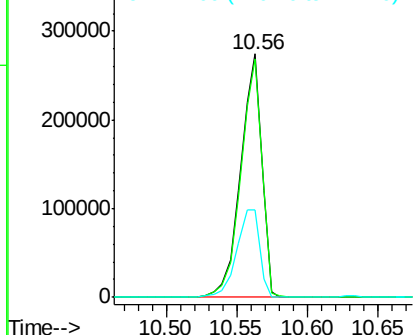
#41
 2,4,6-Tribromophenol
 Concen: 122.40 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 285113
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.3 31.4 47.2

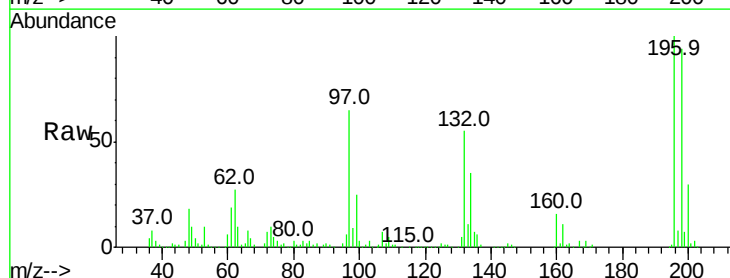


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

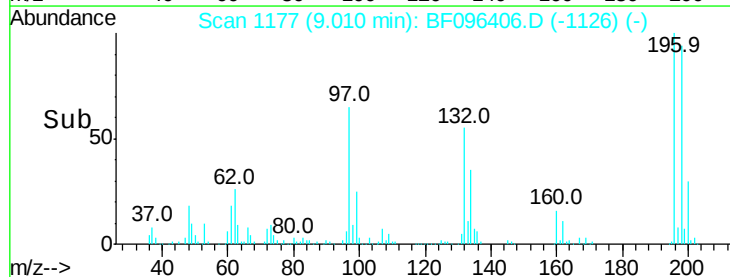
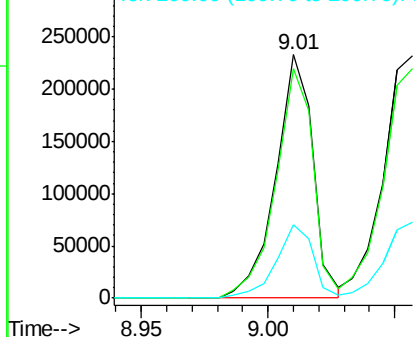


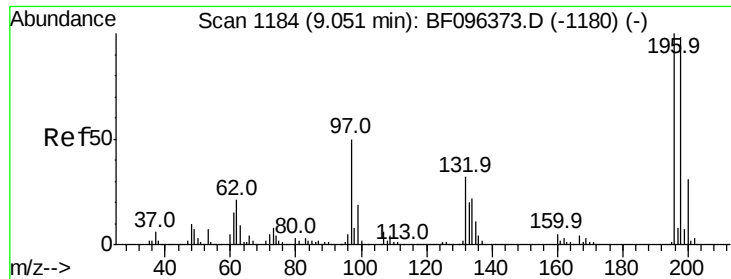
#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:196 Resp: 236298
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.2 111.4
 200 30.0 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

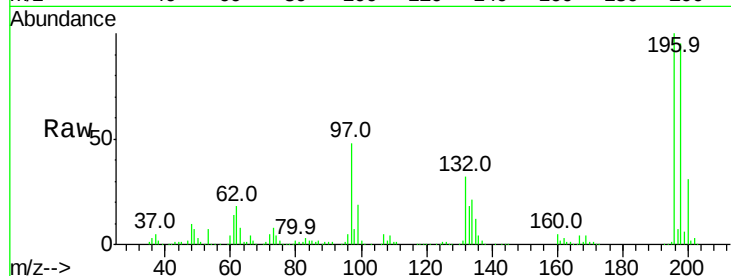




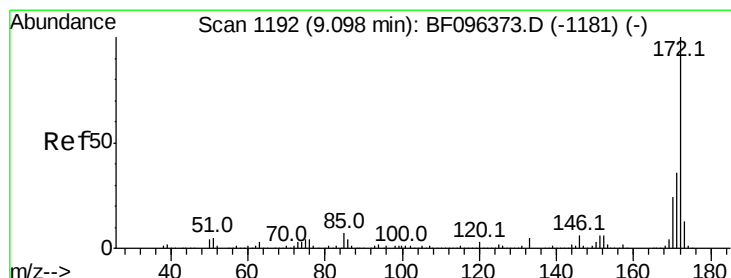
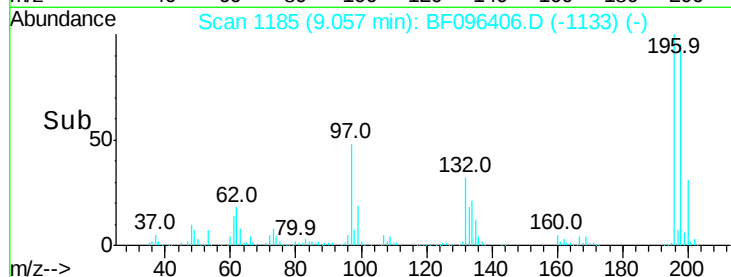
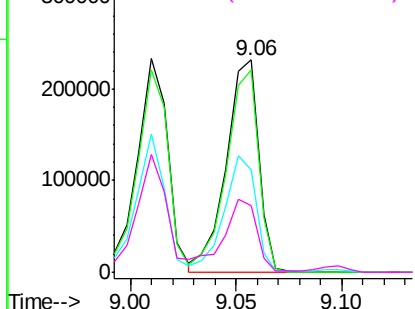
#43
 2,4,5-Trichlorophenol
 Concen: 40.56 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 245671
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 48.3 47.7 71.5
 132 31.6 28.0 42.0

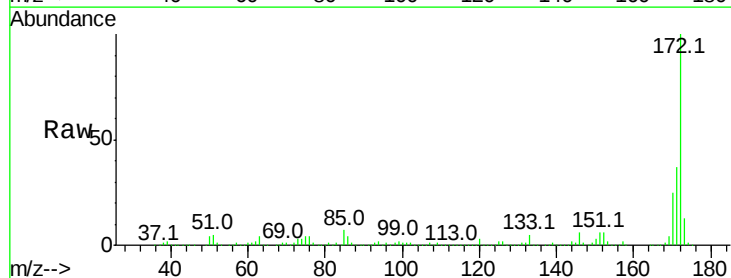


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

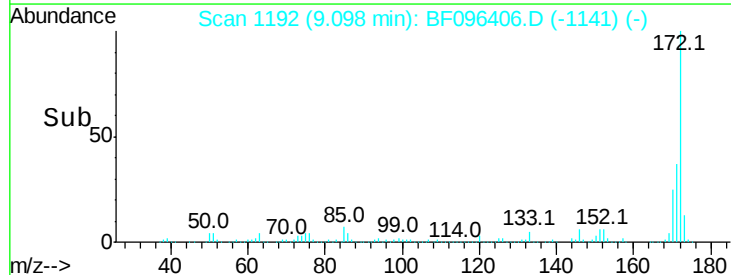
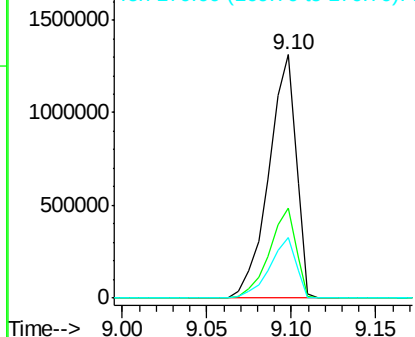


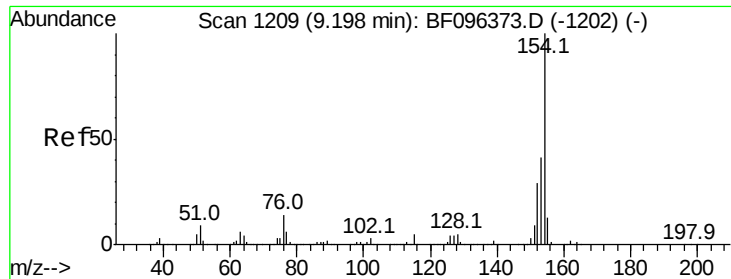
#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:172 Resp: 1474179
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.8 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

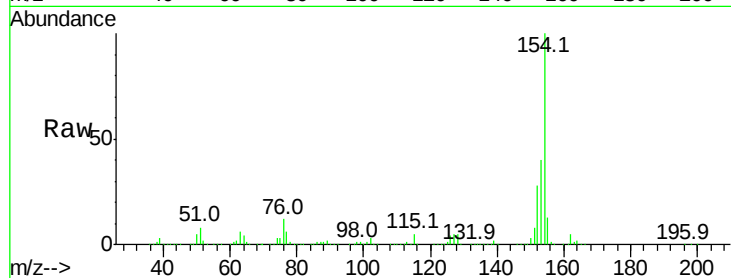




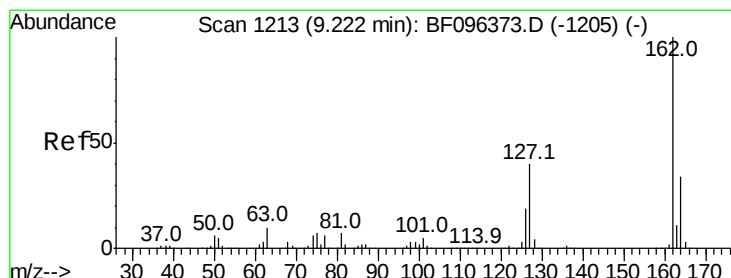
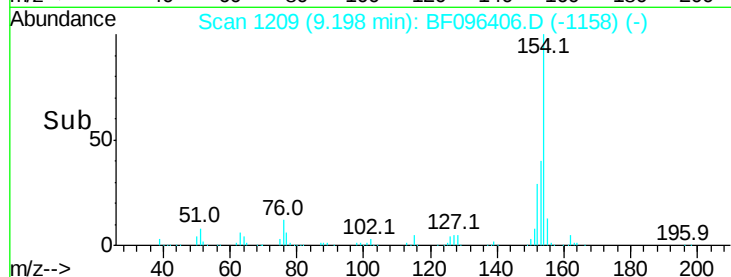
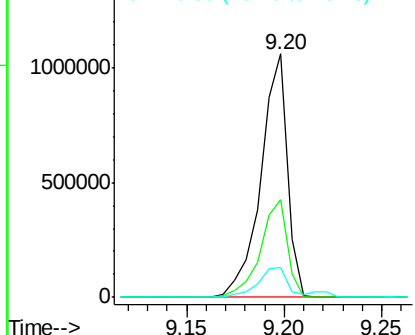
#45
 1,1'-Biphenyl
 Concen: 39.08 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	12.4	0.0	29.9

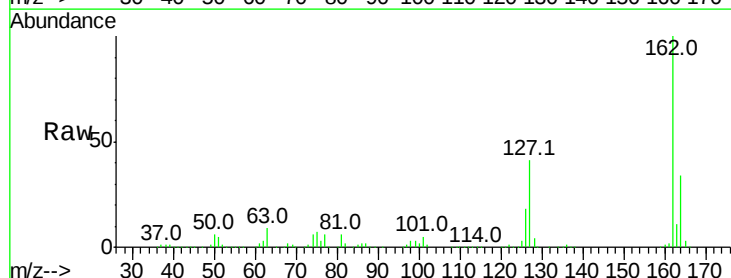


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

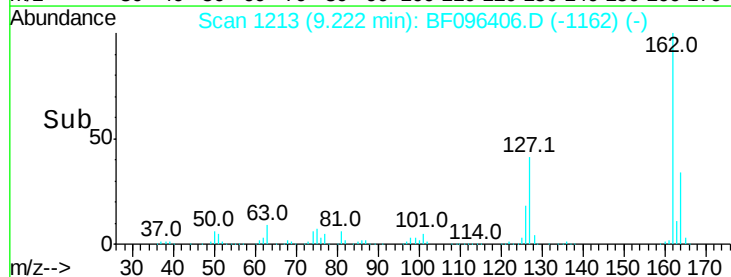
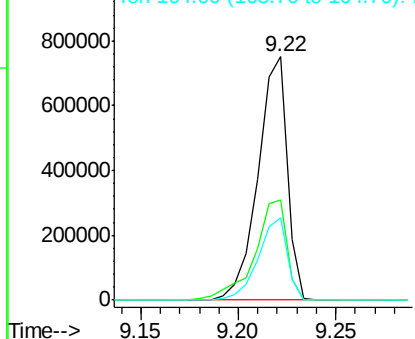


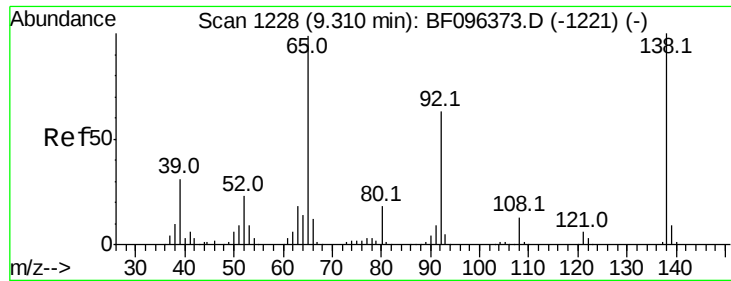
#46
 2-Chloronaphthalene
 Concen: 41.08 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	34.0	27.0	40.4



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

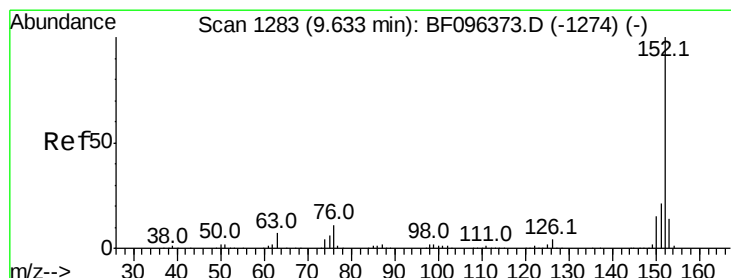
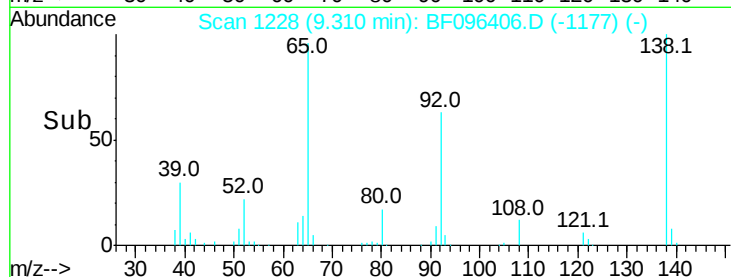
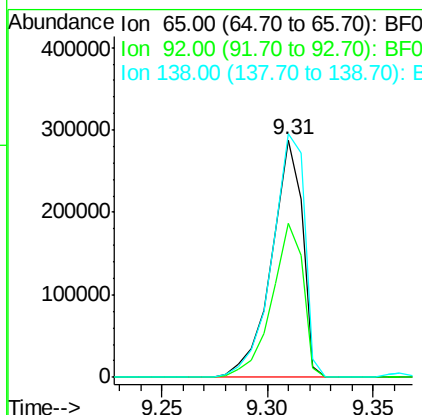
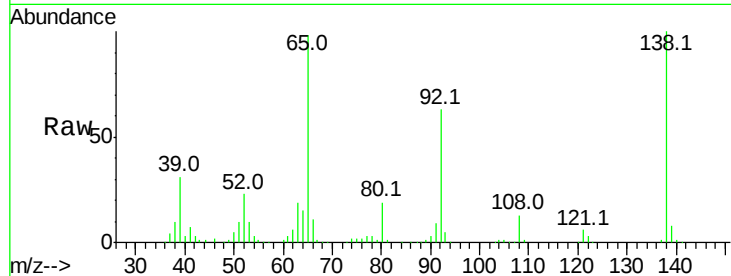




#47
 2-Nitroaniline
 Concen: 42.36 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

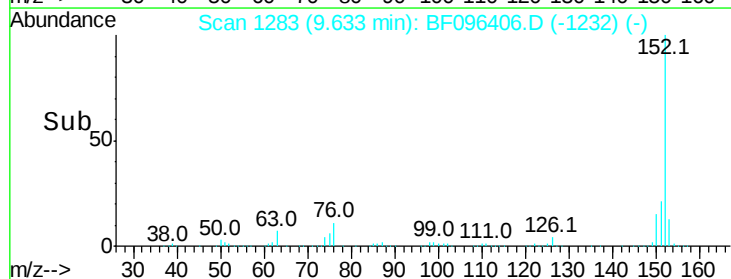
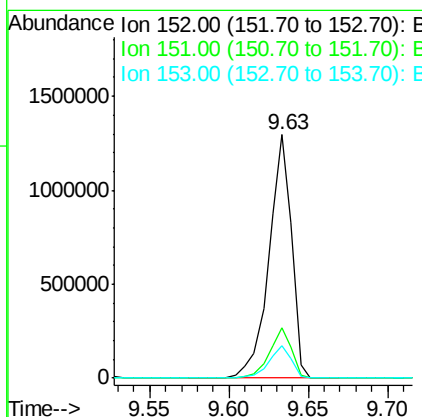
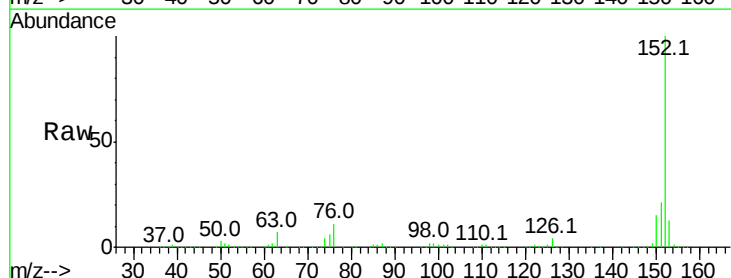
Instrument :
 BNA_F
 ClientSampleId :

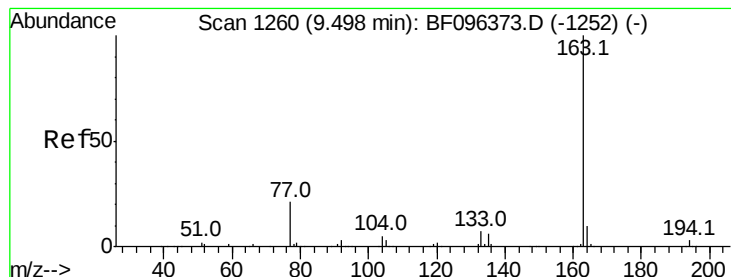
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	102.4	78.8	118.2



#48
 Acenaphthylene
 Concen: 42.71 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.1	10.8	16.2





#49

Dimethylphthalate

Concen: 42.14 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampled :

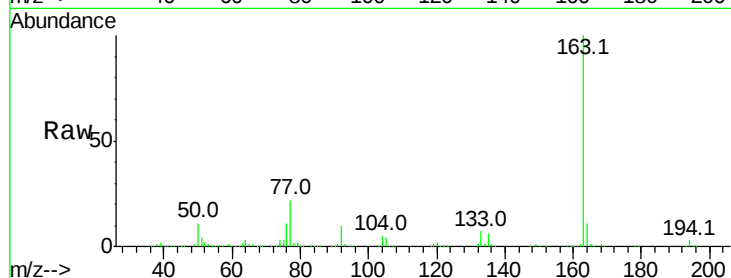
Tot Ion:163 Resp: 938028

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

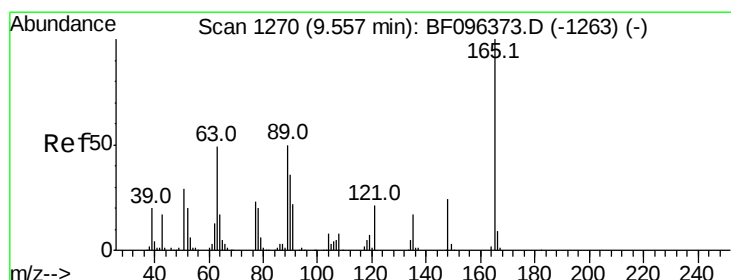
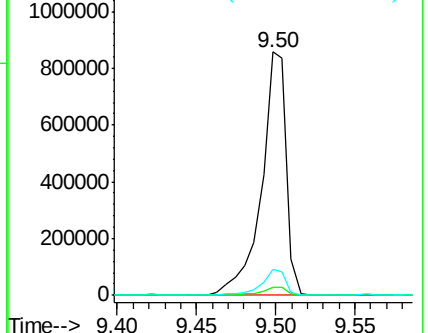
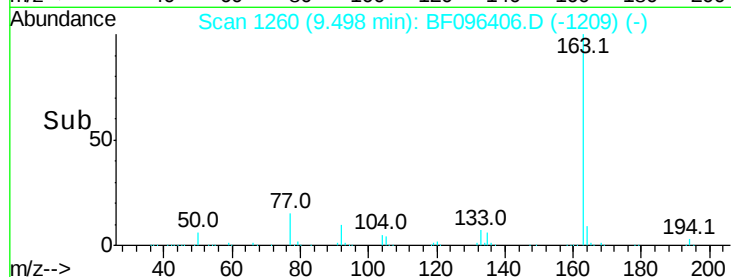
164 10.9 8.4 12.6



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: 44.19 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

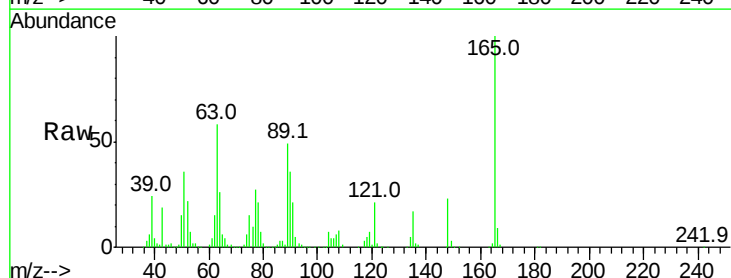
Tgt Ion:165 Resp: 217552

Ion Ratio Lower Upper

165 100

63 57.7 34.3 51.5#

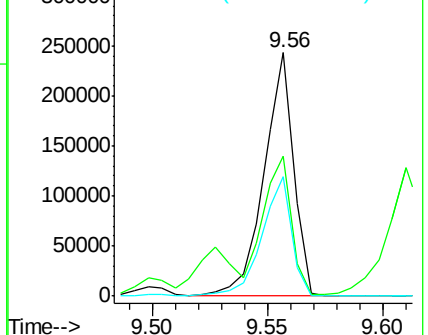
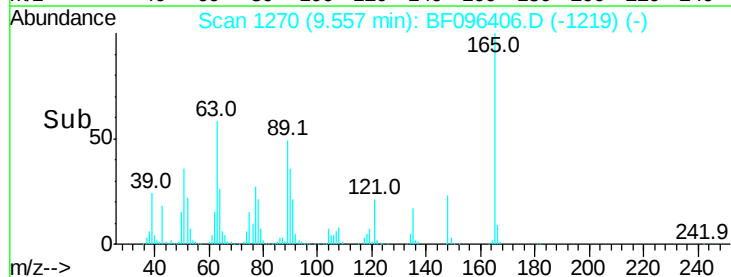
89 49.3 37.1 55.7

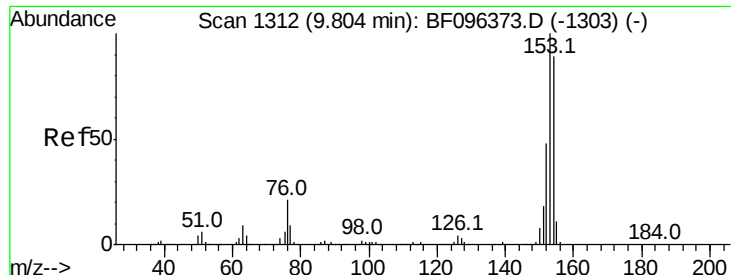


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.11 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampled :

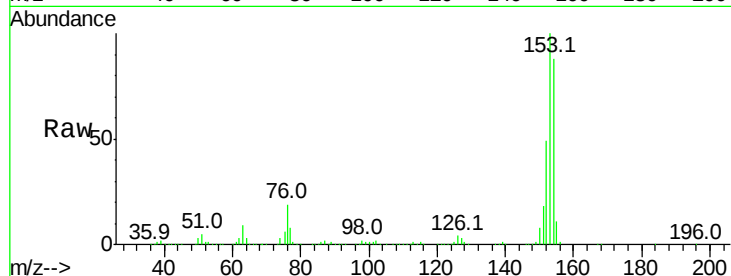
Tot Ion:154 Resp: 727366

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

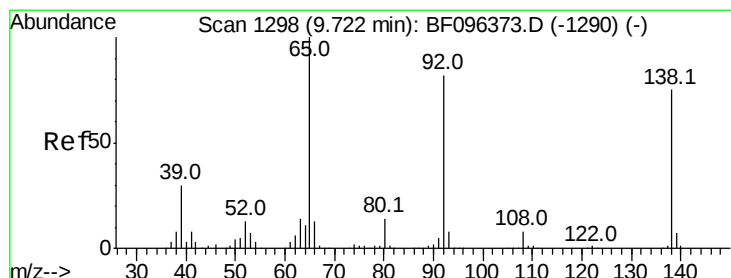
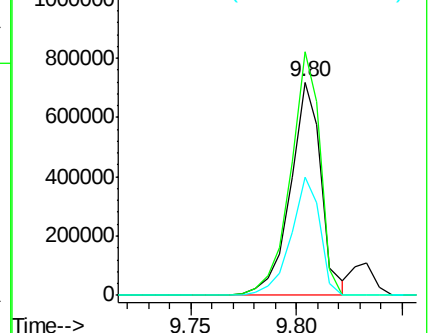
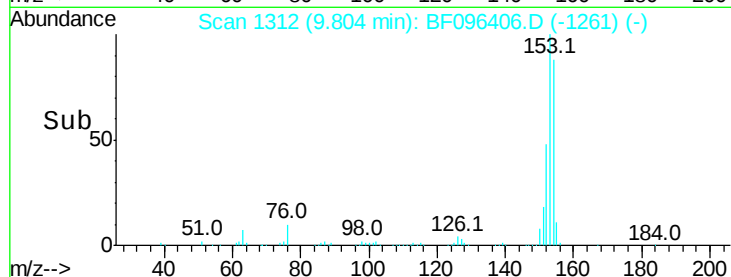
152 55.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.72 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

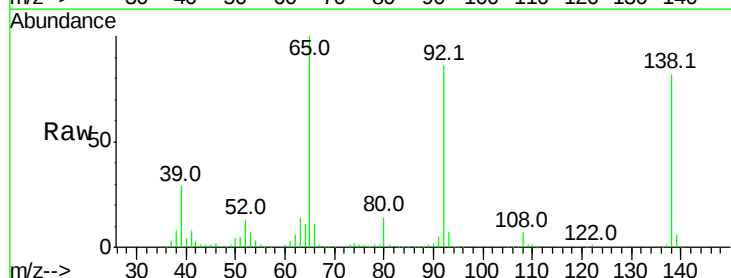
Tgt Ion:138 Resp: 170184

Ion Ratio Lower Upper

138 100

108 8.7 9.1 13.7#

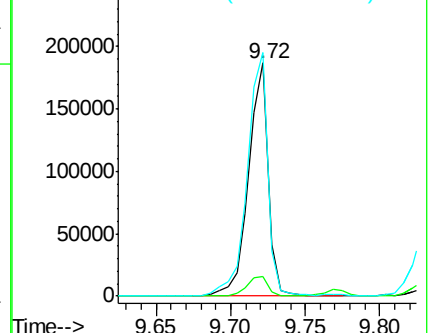
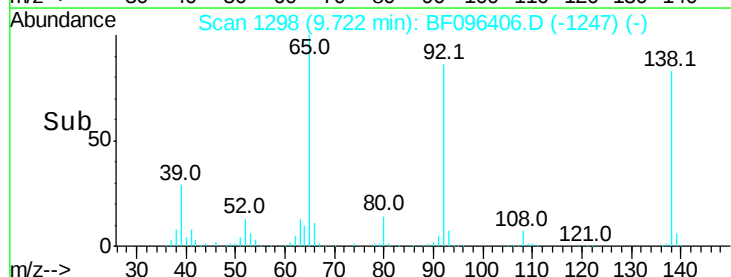
92 104.3 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

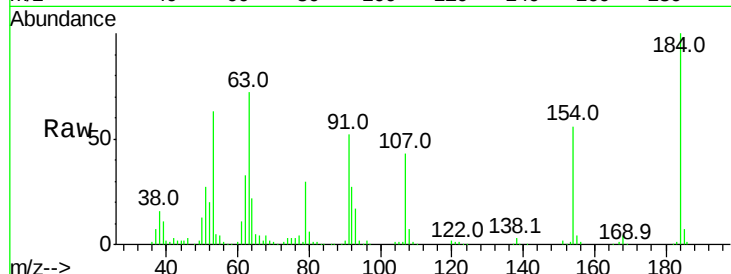




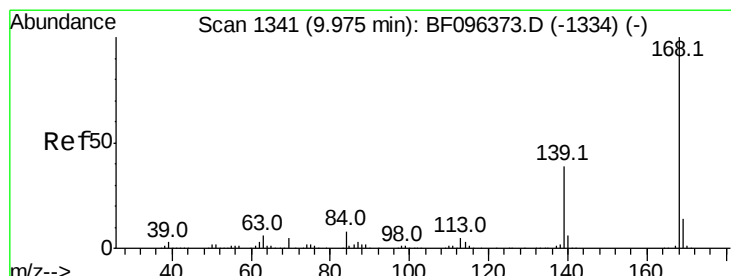
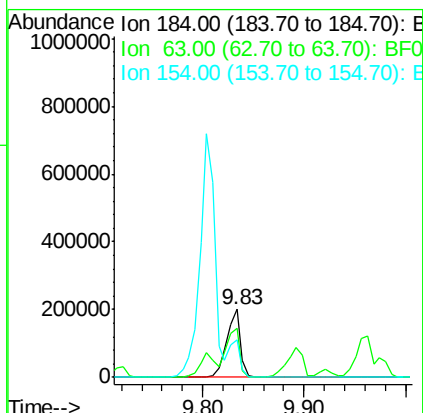
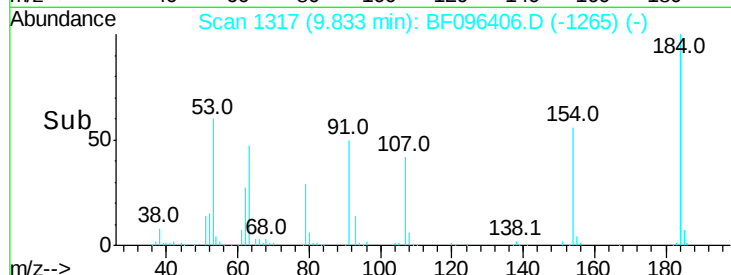
#53
2,4-Dinitrophenol
Concen: 73.59 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 192417
Ion Ratio Lower Upper
184 100
63 71.5 62.7 94.1
154 55.6 81.1 121.7#

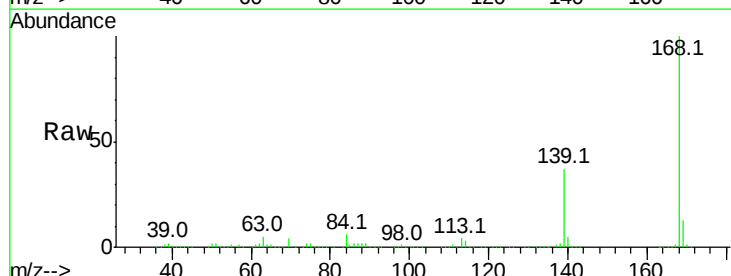


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

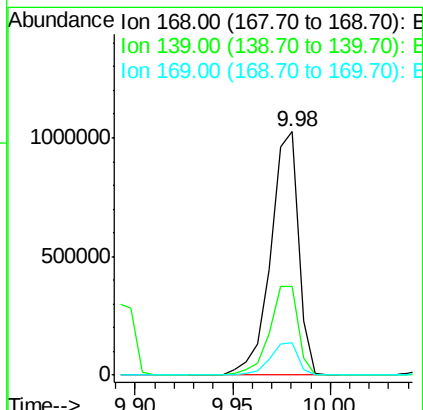
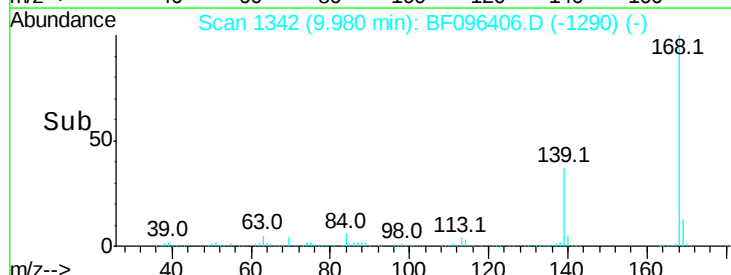


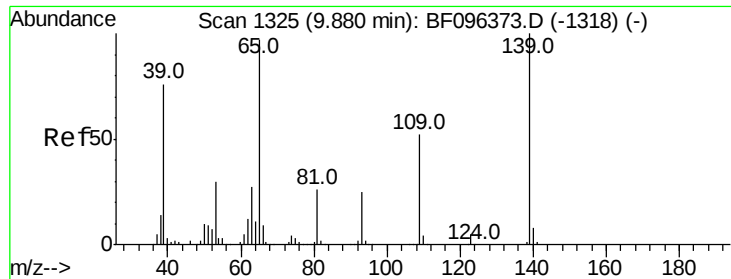
#54
Dibenzofuran
Concen: 41.45 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:168 Resp: 1017916
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.1 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

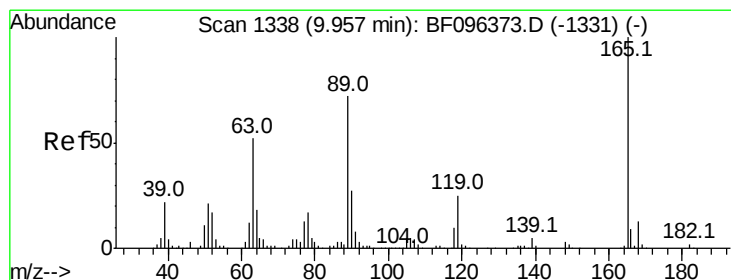
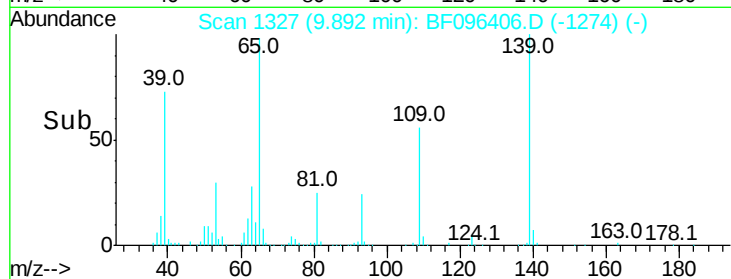
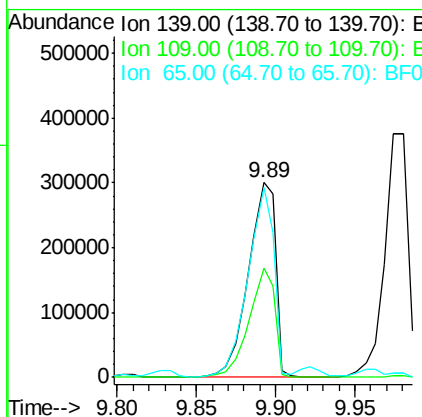
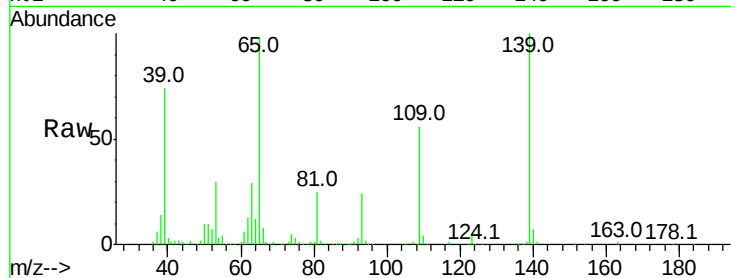




#55
4-Nitrophenol
Concen: 71.16 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

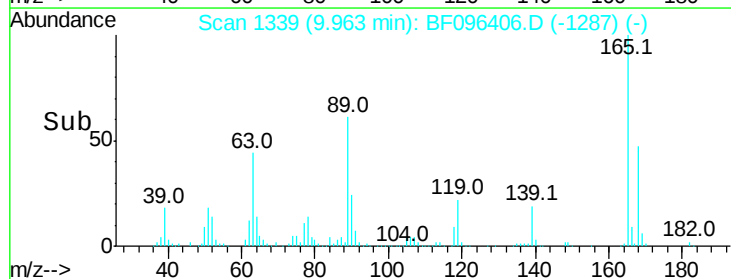
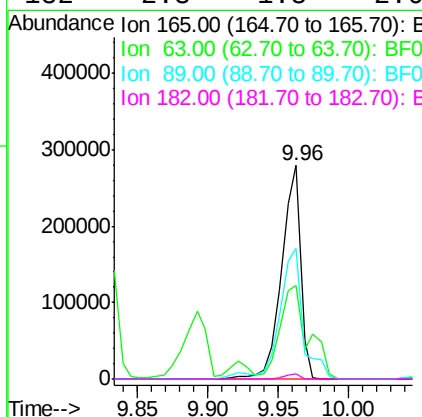
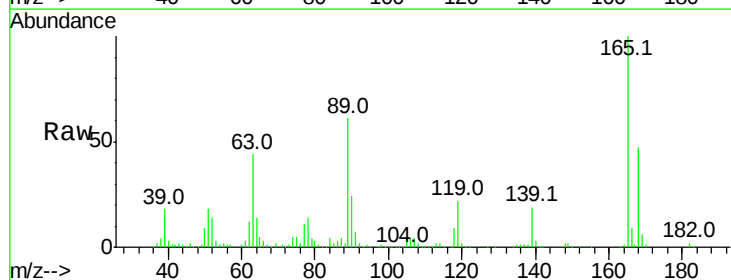
Instrument :
BNA_F
ClientSampleId :

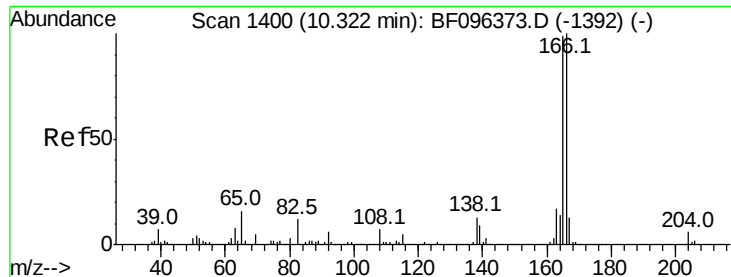
Tot Ion:139 Resp: 362153
Ion Ratio Lower Upper
139 100
109 56.1 34.1 74.1
65 97.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.30 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:165 Resp: 263722
Ion Ratio Lower Upper
165 100
63 44.0 25.4 38.0#
89 61.0 46.4 69.6
182 2.3 1.8 2.6

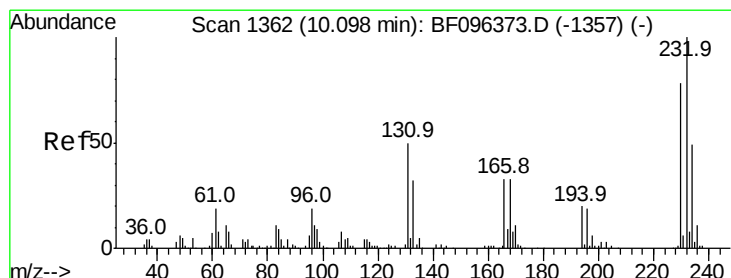
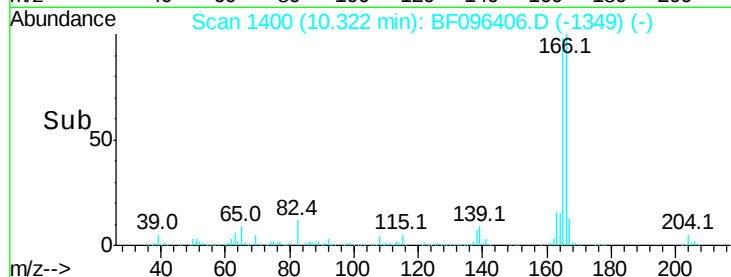
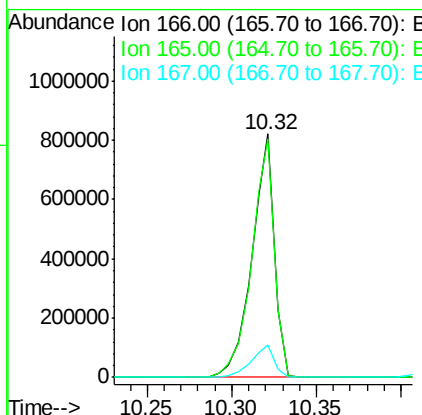
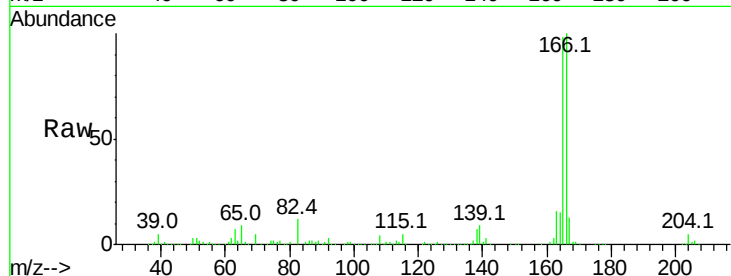




#57
 Fluorene
 Concen: 43.95 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

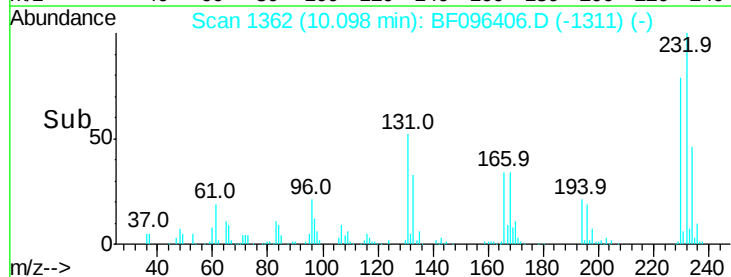
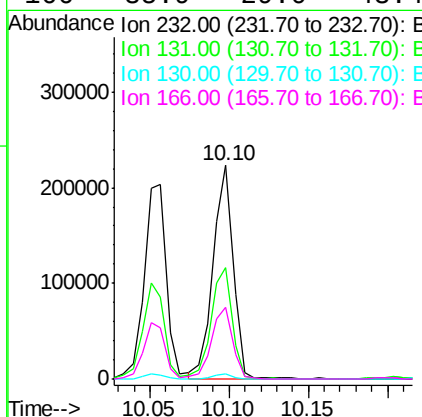
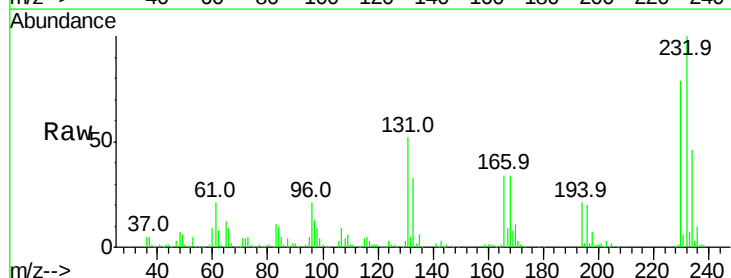
Instrument :
 BNA_F
 ClientSampleId :

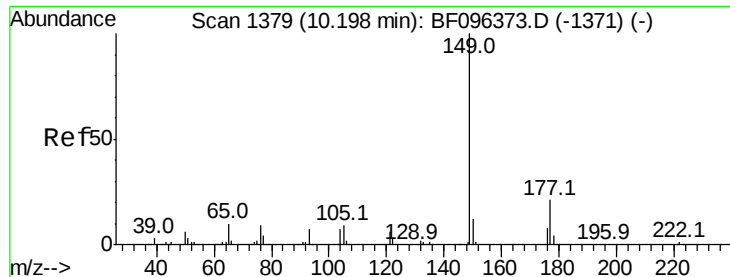
Tot Ion:166 Resp: 762157
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.08 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:232 Resp: 197291
 Ion Ratio Lower Upper
 232 100
 131 55.7 44.8 67.2
 130 2.4 2.3 3.5
 166 35.9 29.0 43.4

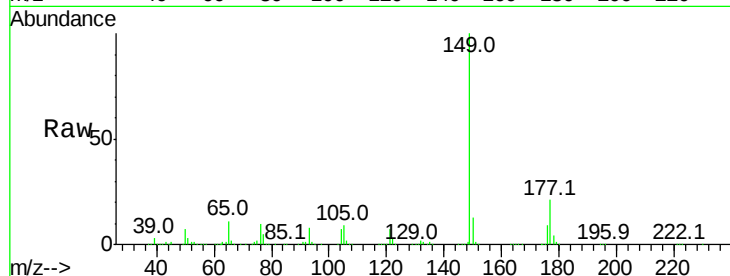




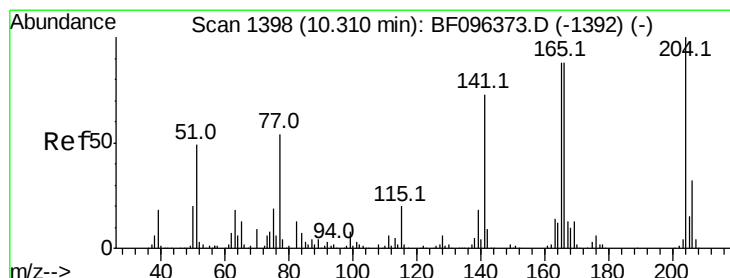
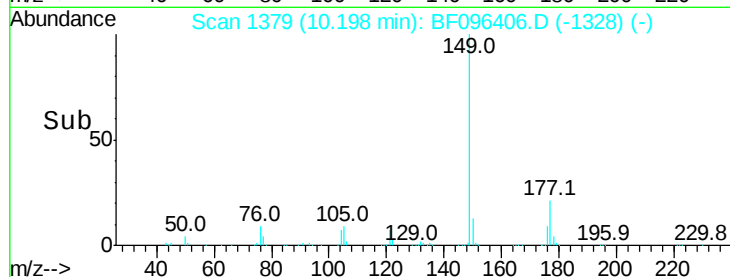
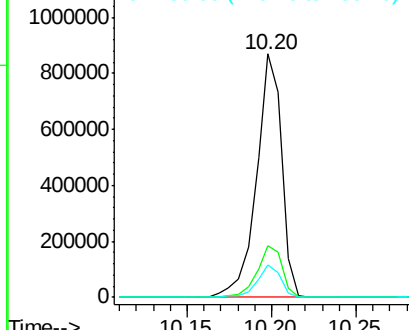
#59
Diethylphthalate
Concen: 42.68 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	13.2	10.2	15.2

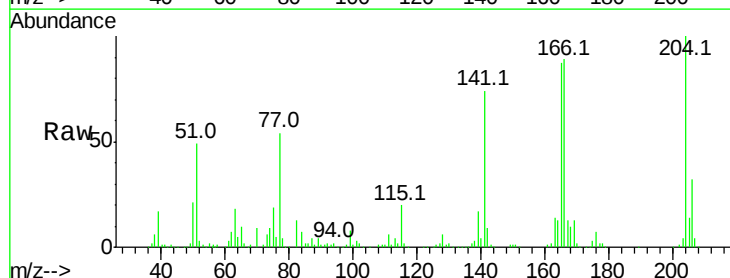


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

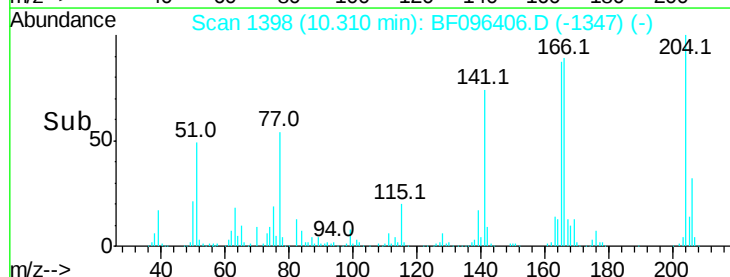
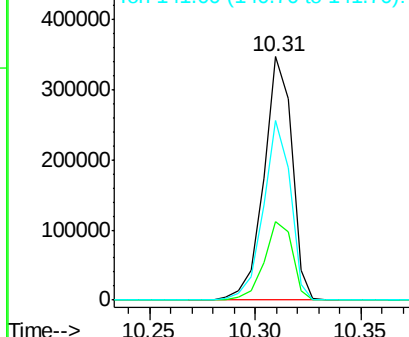


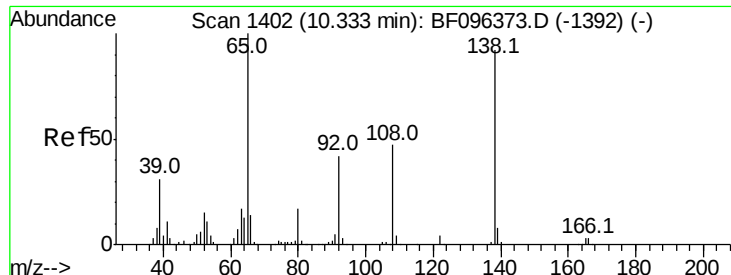
#60
4-Chlorophenyl-phenylether
Concen: 42.69 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	74.0	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

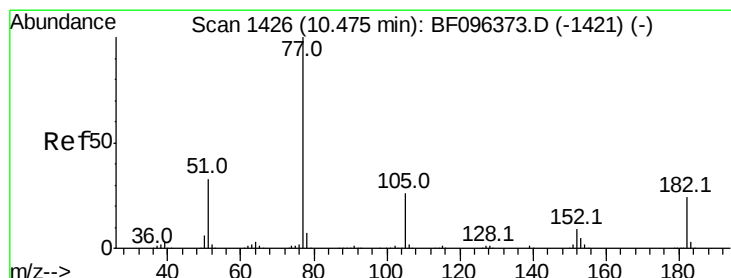
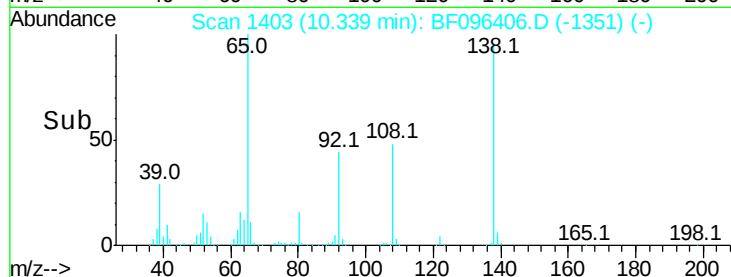
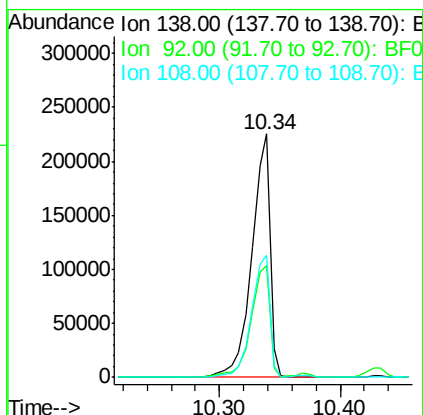
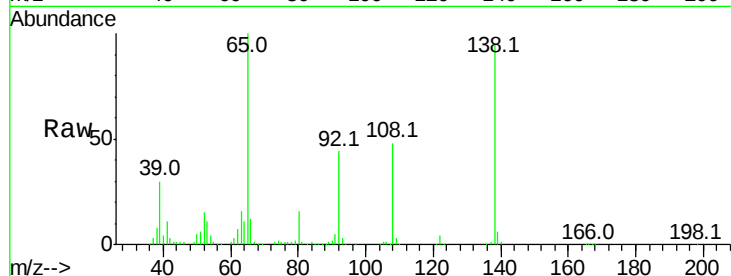




#61
4-Nitroaniline
Concen: 42.84 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

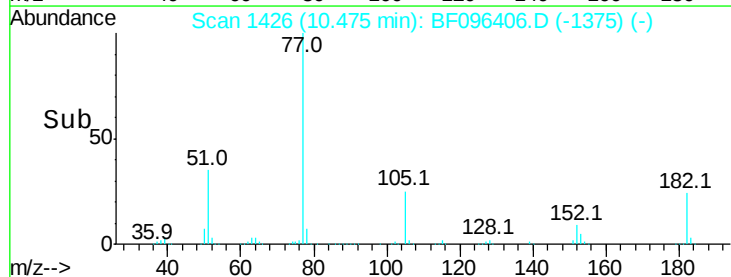
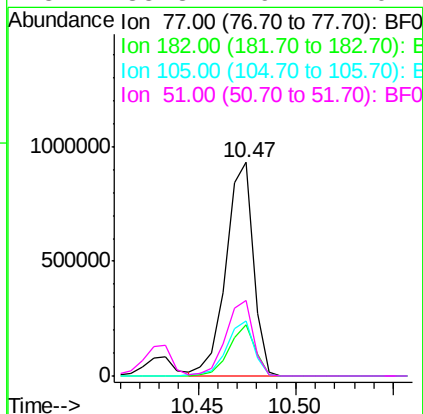
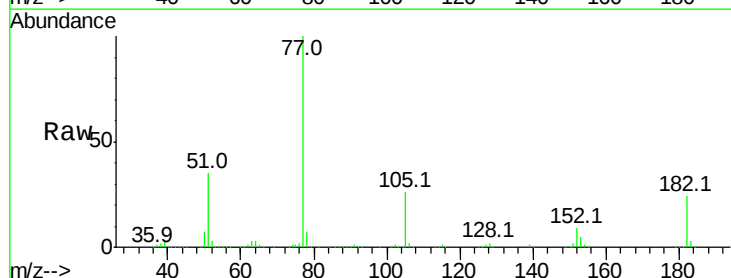
Instrument :
BNA_F
ClientSampleId :

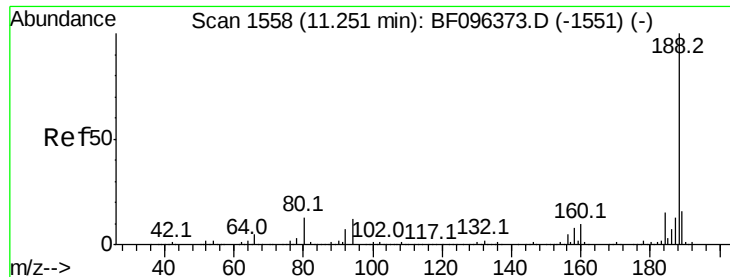
Tot Ion:138 Resp: 239158
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 50.3 42.3 82.3



#62
Azobenzene
Concen: 44.59 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion: 77 Resp: 907167
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 25.5 3.6 43.6
51 35.3 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

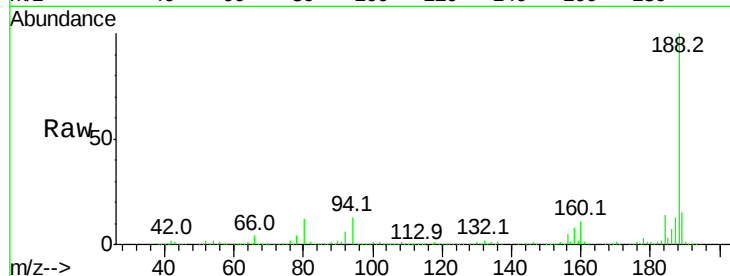
Tot Ion:188 Resp: 484506

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

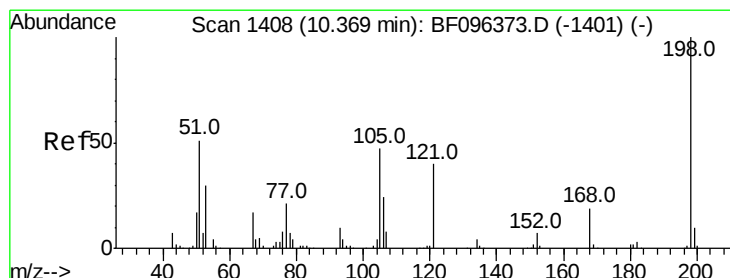
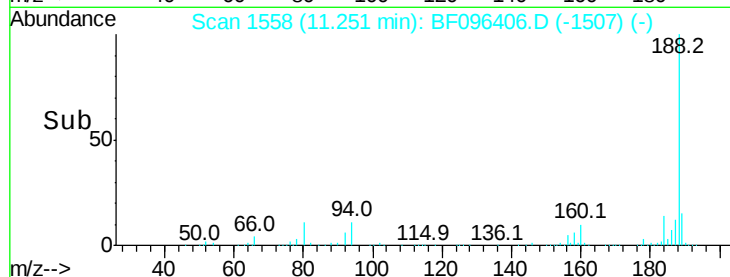
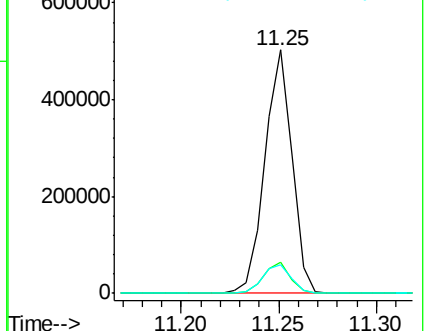
80 11.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.73 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

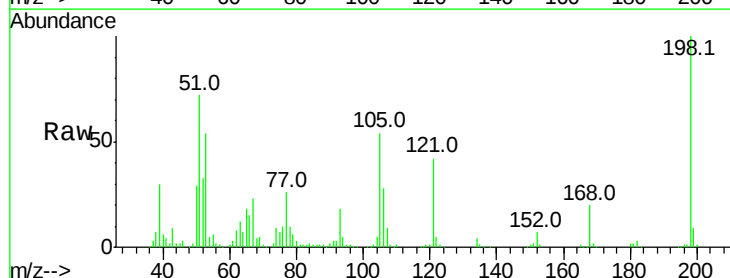
Tgt Ion:198 Resp: 142793

Ion Ratio Lower Upper

198 100

51 72.3 53.2 93.2

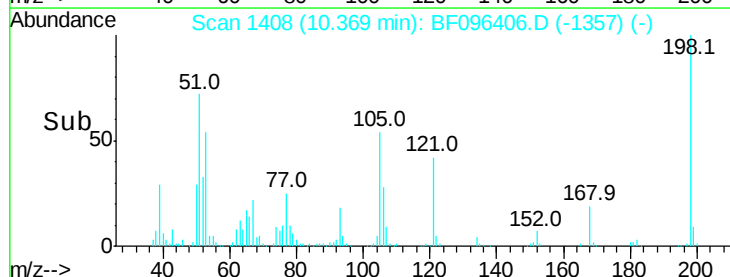
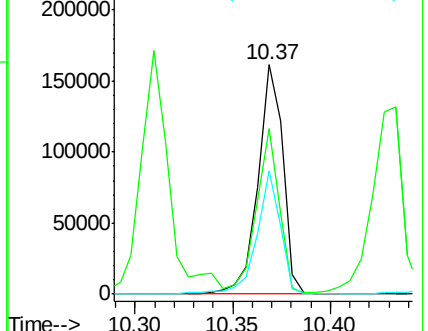
105 53.9 45.8 85.8

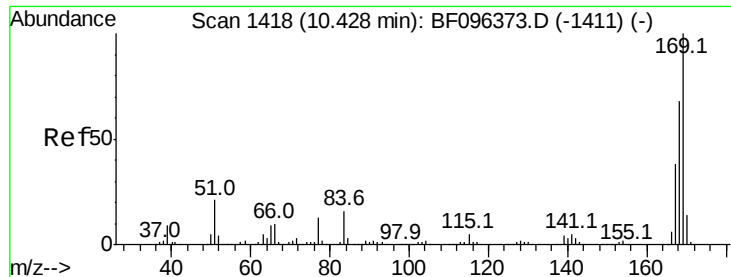


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

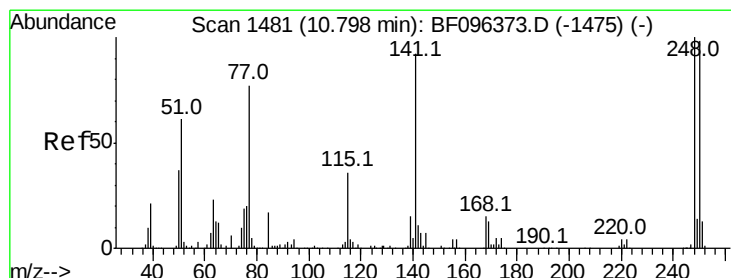
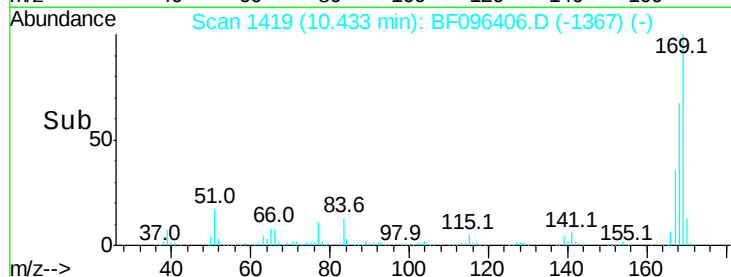
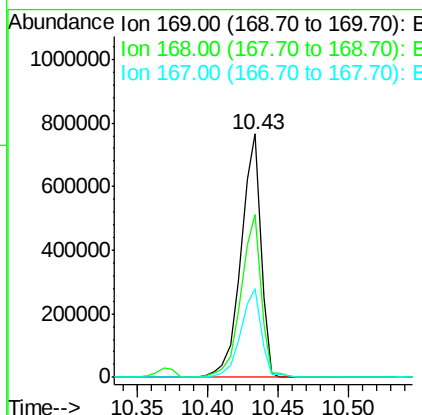
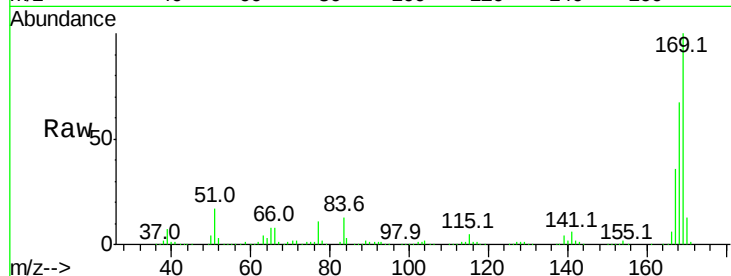




#65
 n-Nitrosodiphenylamine
 Concen: 44.00 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

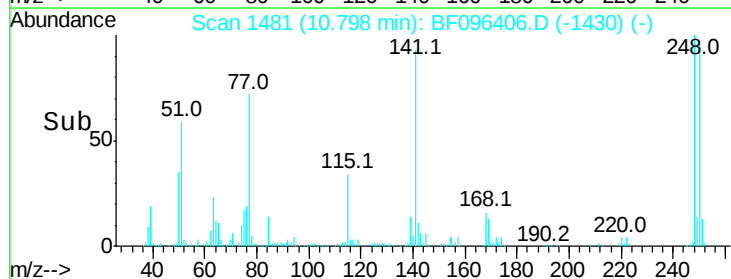
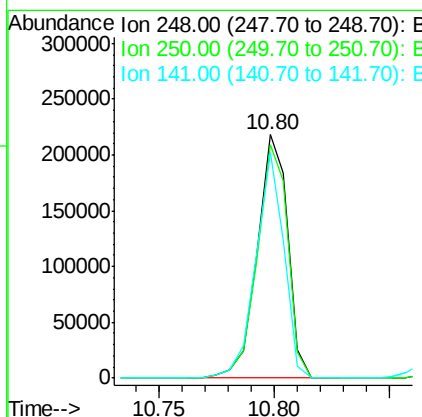
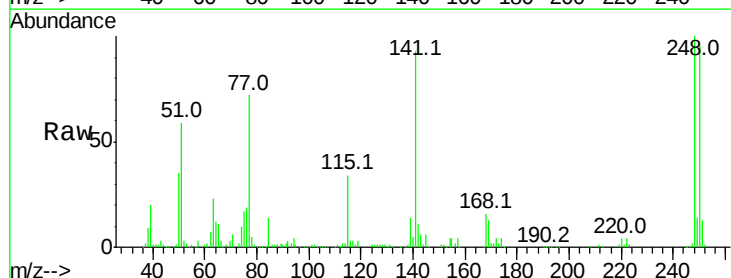
Instrument :
 BNA_F
 ClientSampled :

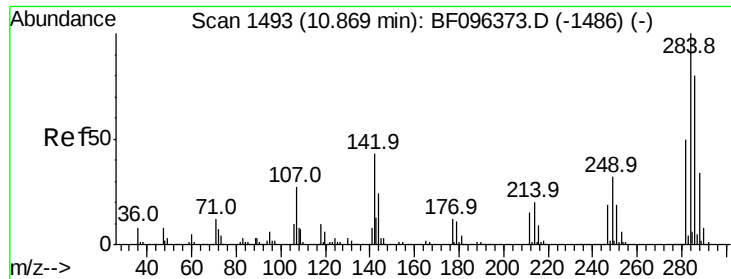
Tot Ion:169 Resp: 747936
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 36.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.65 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:248 Resp: 201156
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.8 115.2
 141 92.8 68.6 103.0

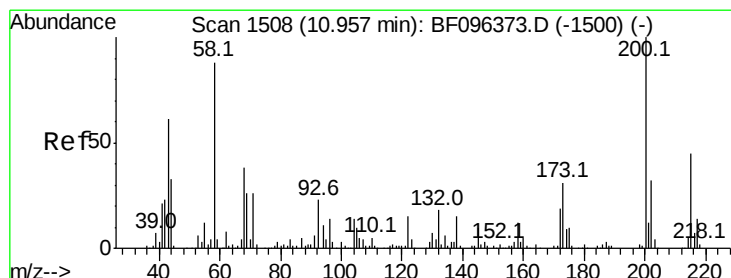
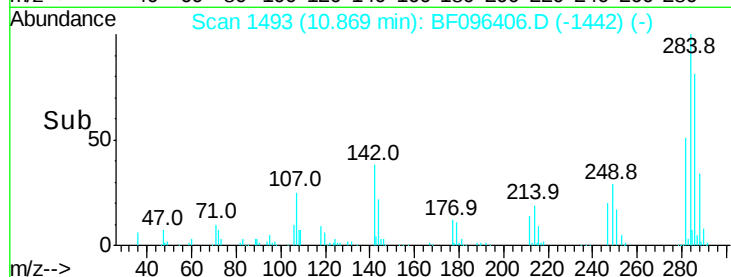
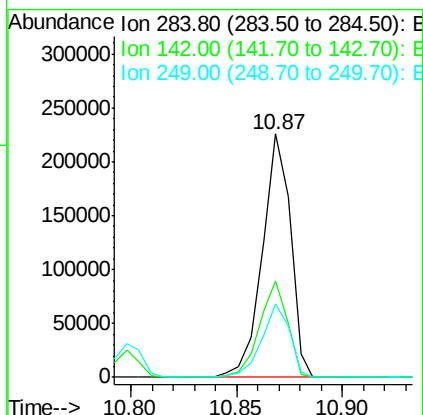
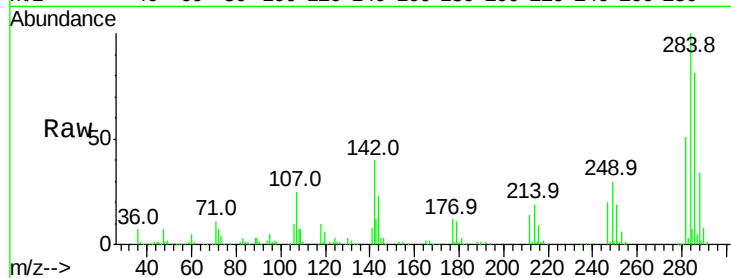




#67
Hexachlorobenzene
Concen: 40.70 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

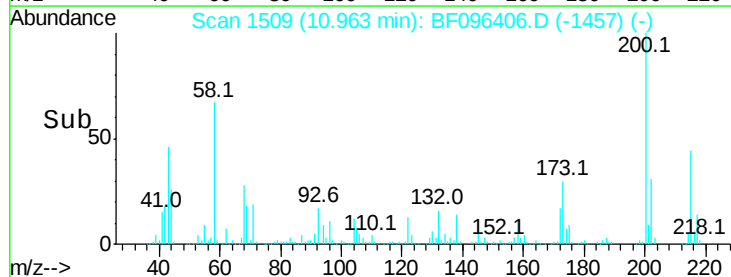
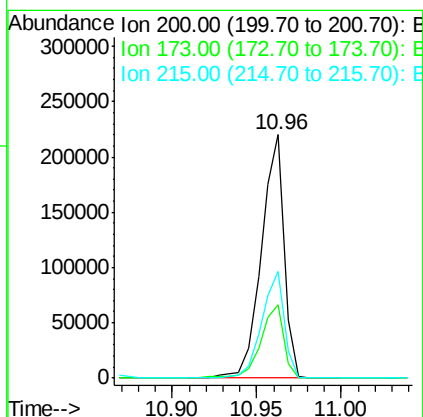
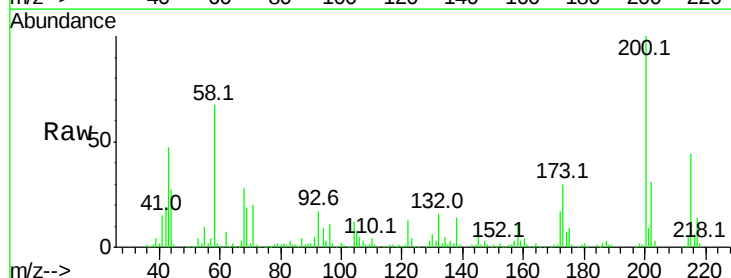
Instrument :
BNA_F
ClientSampleId :

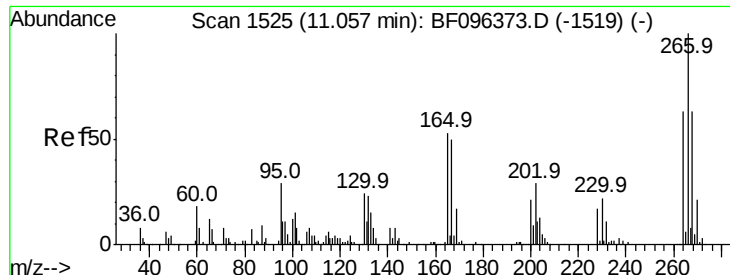
Tot Ion:284 Resp: 210122
Ion Ratio Lower Upper
284 100
142 39.7 22.8 34.2#
249 30.2 24.0 36.0



#68
Atrazine
Concen: 42.13 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:200 Resp: 204634
Ion Ratio Lower Upper
200 100
173 30.0 6.3 46.3
215 43.7 27.2 67.2

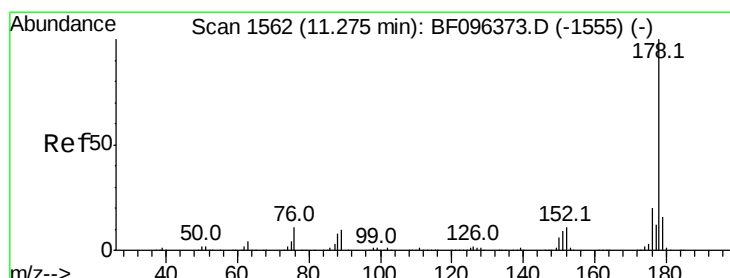
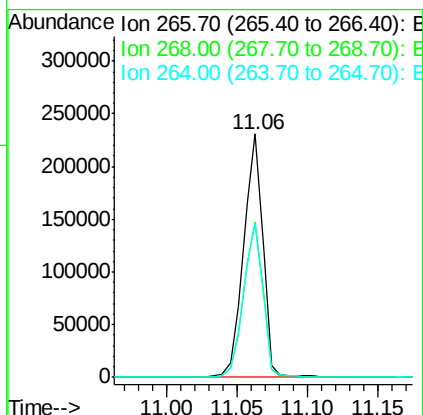
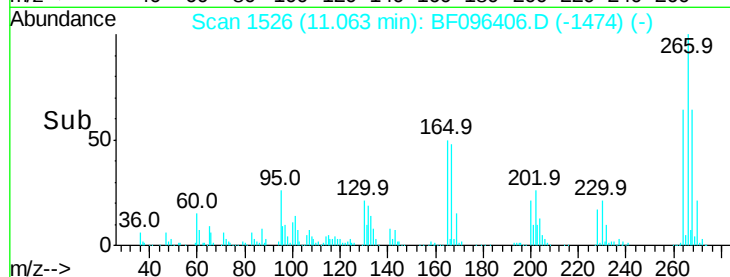
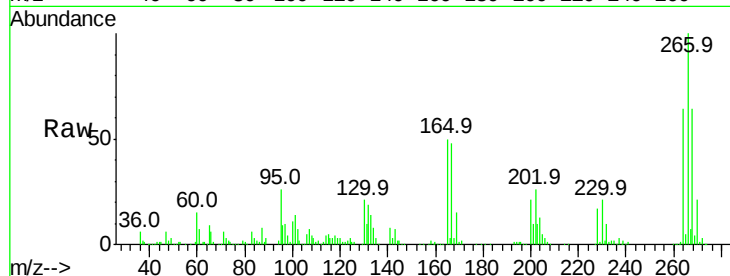




#69
 Pentachlorophenol
 Concen: 71.95 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

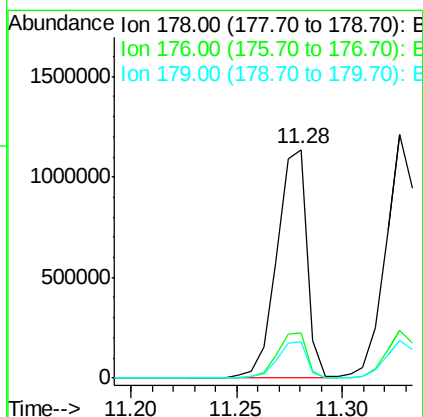
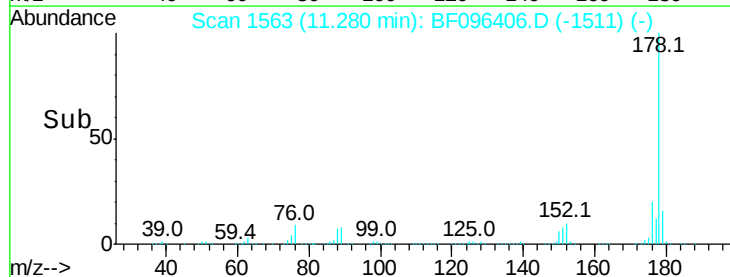
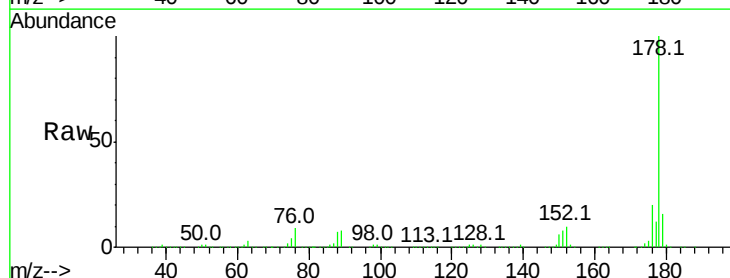
Instrument :
 BNA_F
 ClientSampleId :

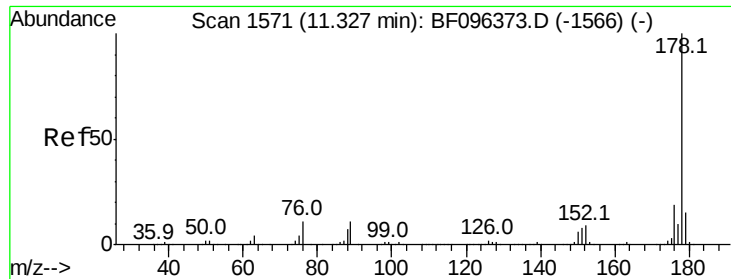
Tot Ion:266 Resp: 220154
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.5 51.7 77.5



#70
 Phenanthrene
 Concen: 43.27 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:178 Resp: 1133406
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.7 12.6 19.0

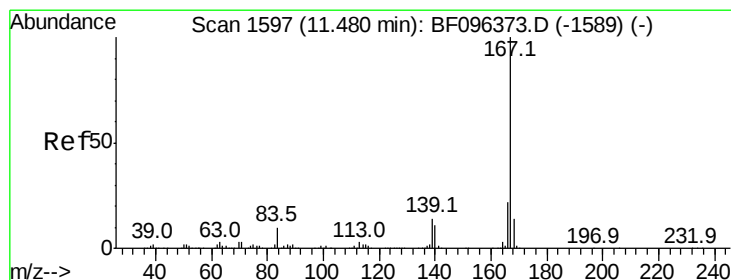
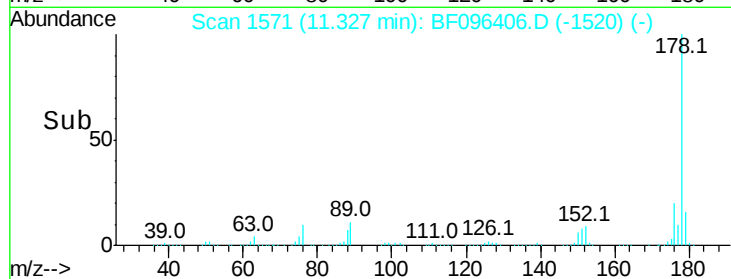
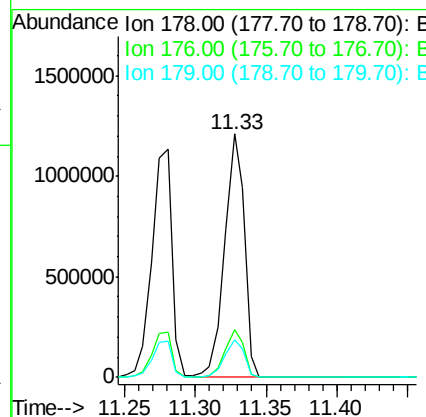
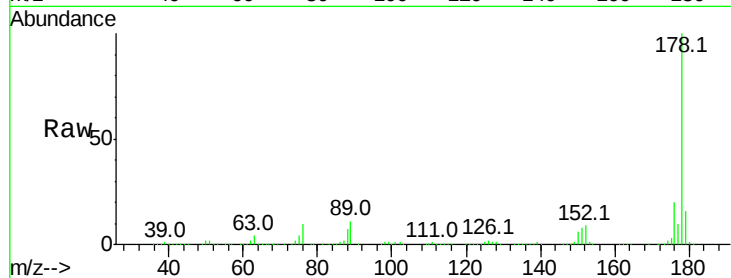




#71
 Anthracene
 Concen: 43.98 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

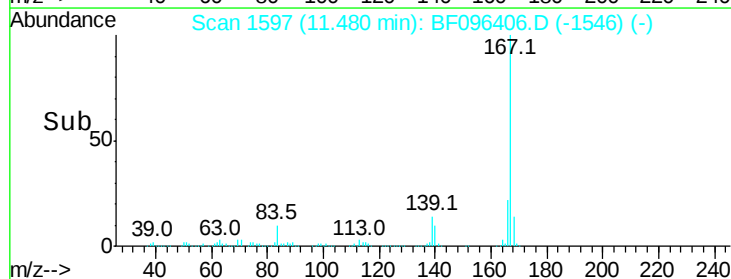
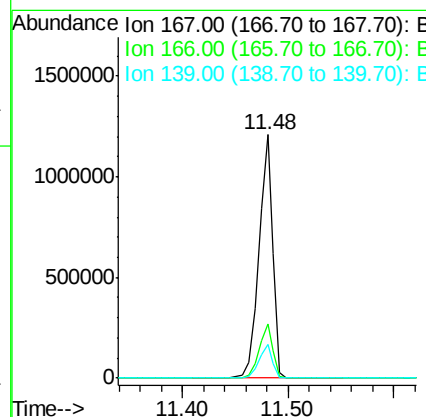
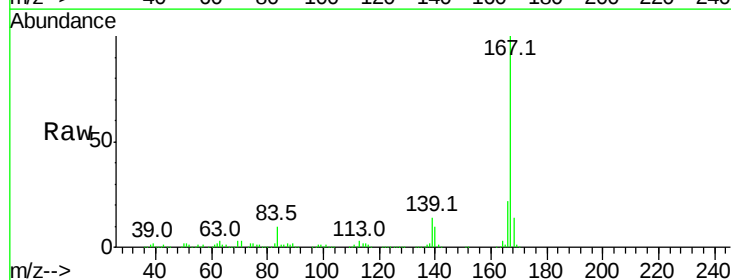
Instrument :
 BNA_F
 ClientSampleId :

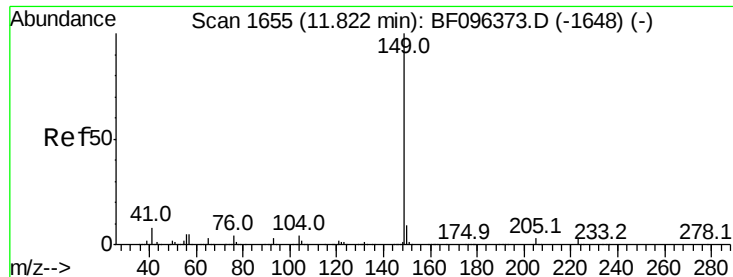
Tot Ion:178 Resp: 1173811
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.55 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:167 Resp: 1115163
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.1 11.7 17.5

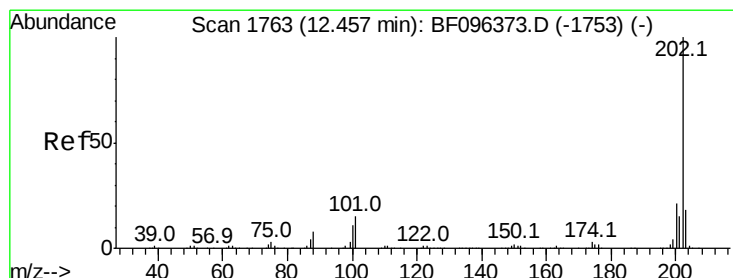
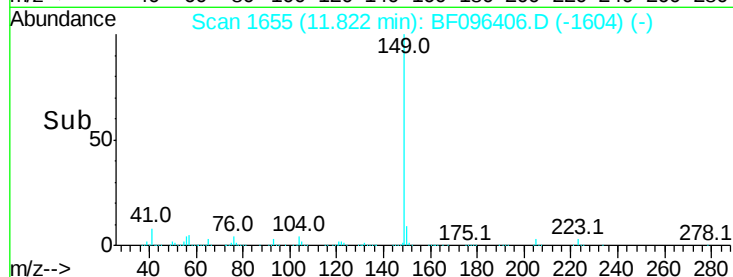
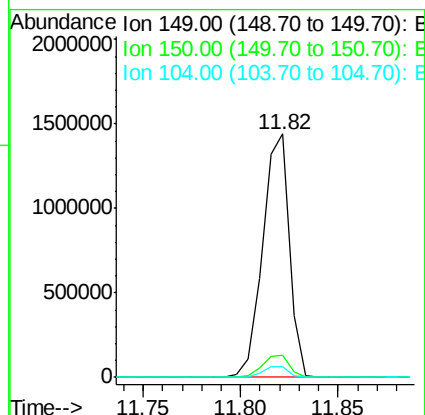
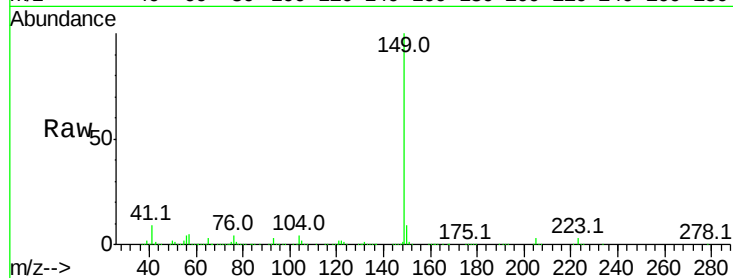




#73
Di-n-butylphthalate
Concen: 41.94 ng
RT: 11.82 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

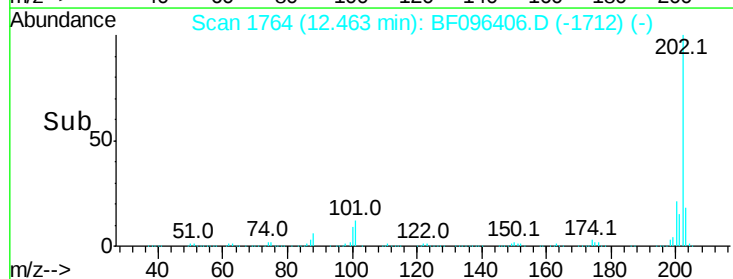
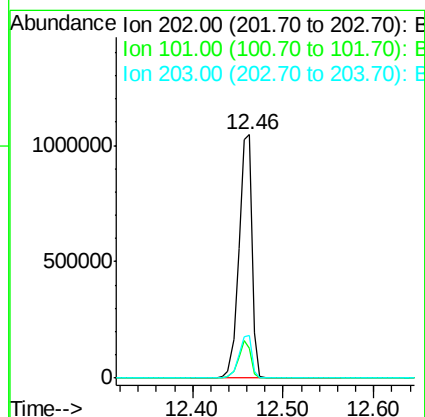
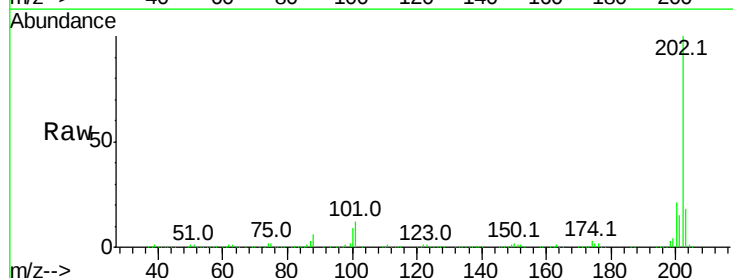
Instrument :
BNA_F
ClientSampleId :

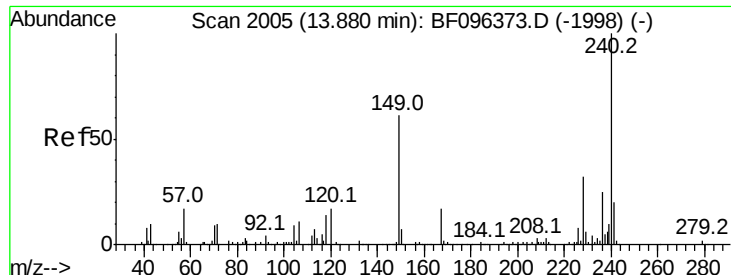
Tot Ion:149 Resp: 1363464
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 41.94 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:202 Resp: 1076875
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

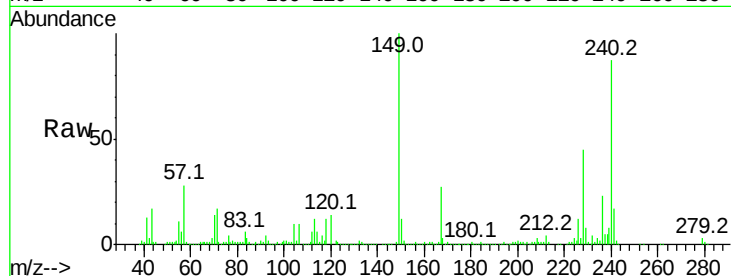
Tot Ion:240 Resp: 273872

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

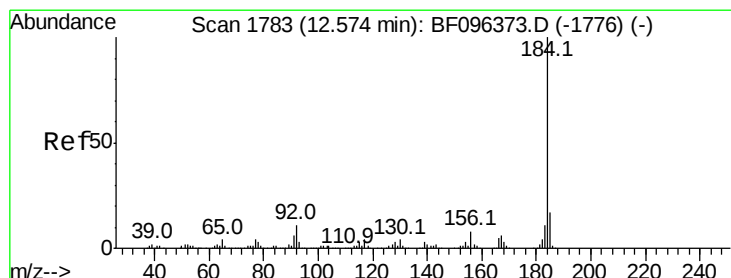
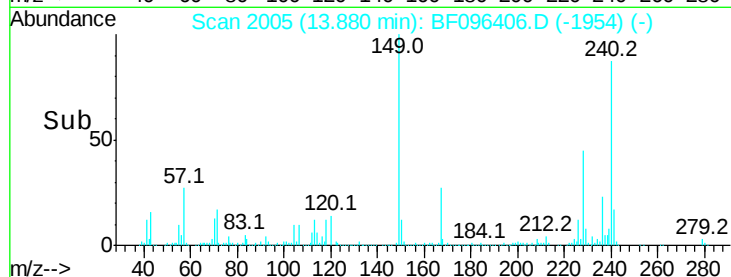
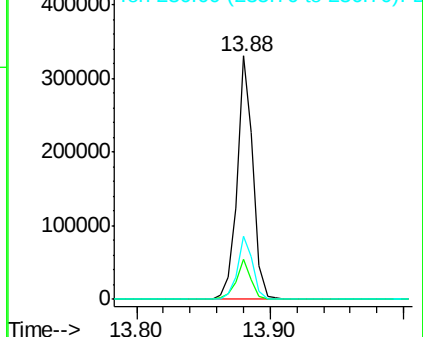
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.68 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

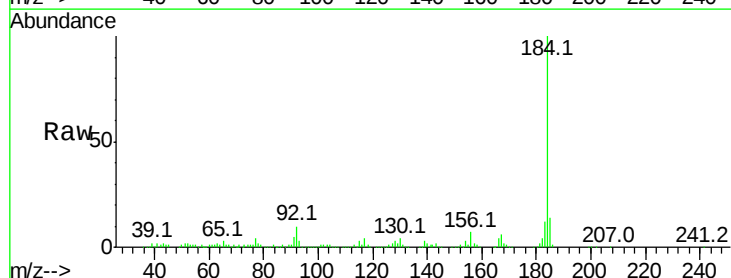
Tgt Ion:184 Resp: 337447

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

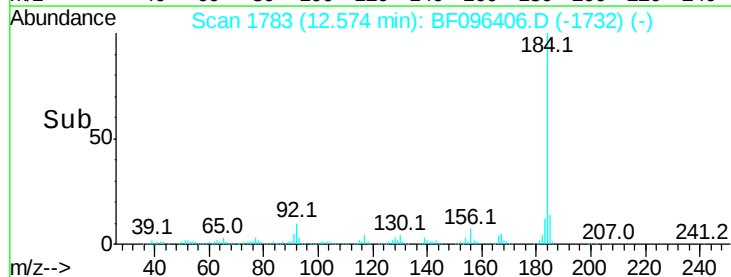
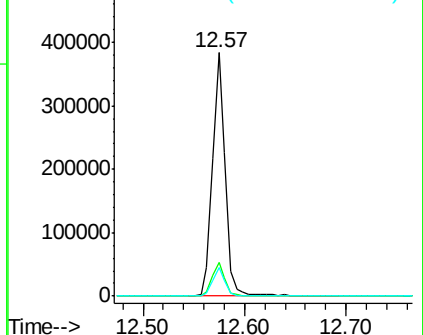
183 11.9 9.8 14.6

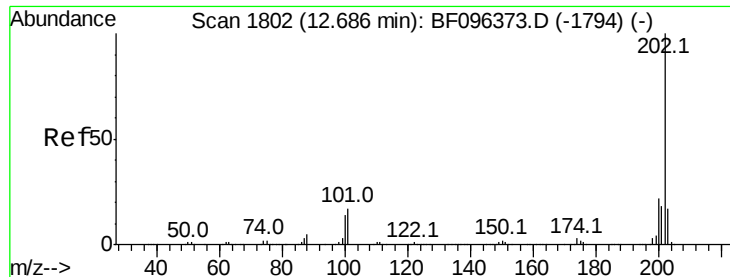


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

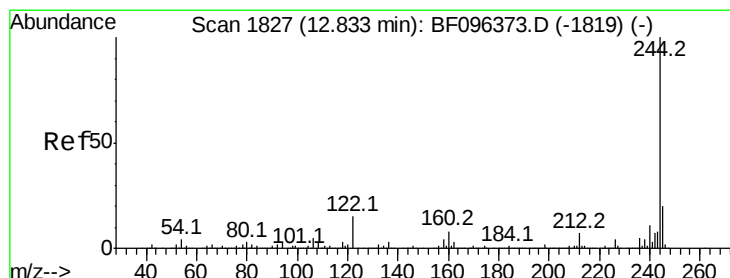
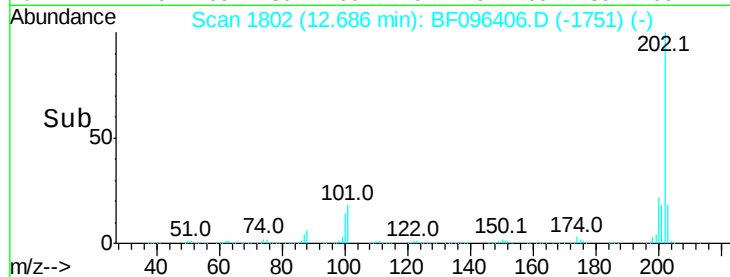
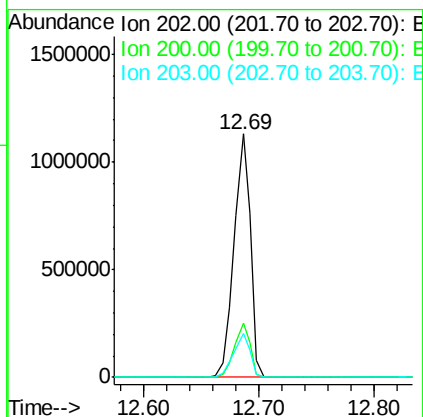
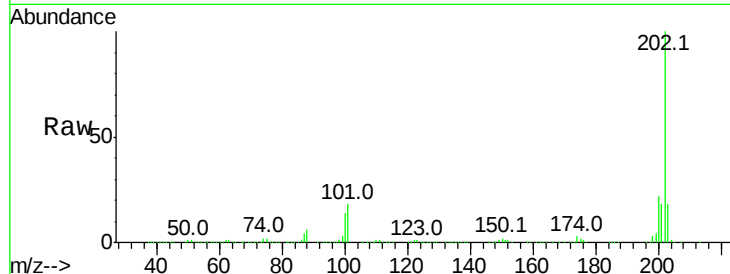




#77
Pvrene
Concen: 50.41 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

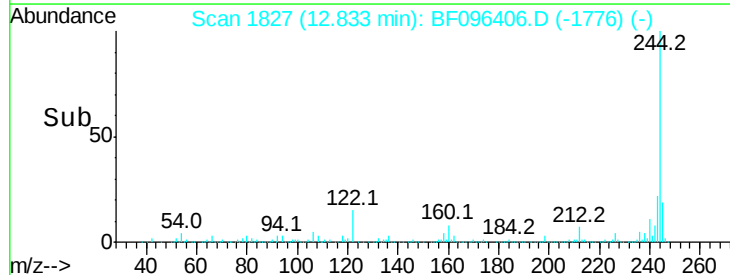
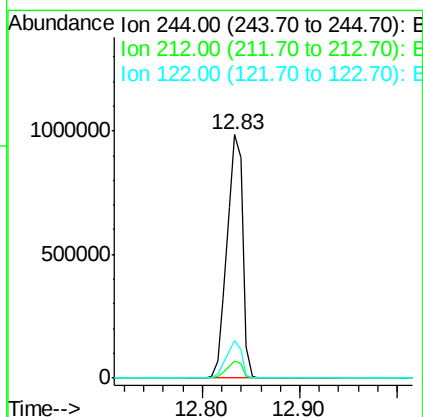
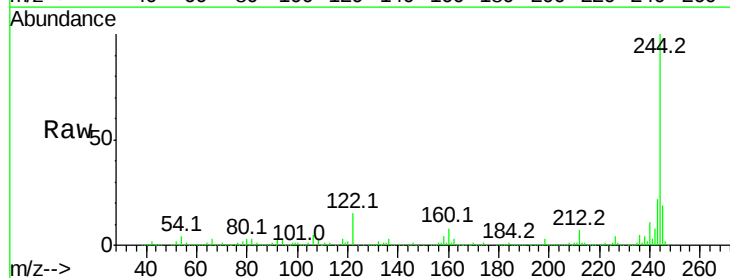
Instrument :
BNA_F
ClientSampled :

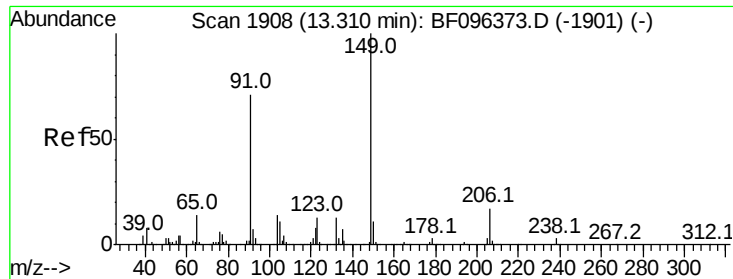
Tot Ion:202 Resp: 1108052
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 85.60 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:244 Resp: 1097157
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.3 10.3 15.5

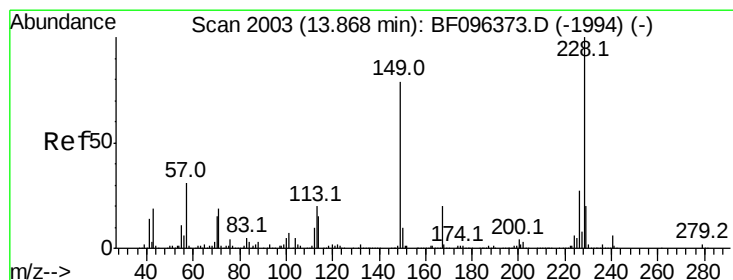
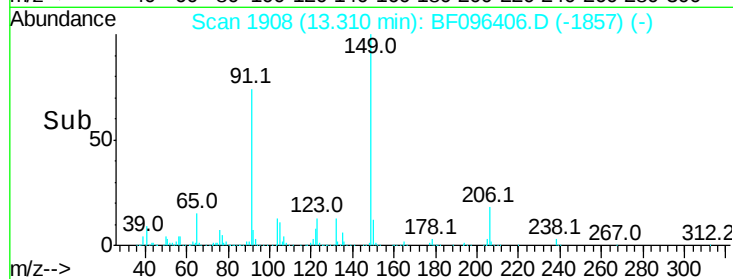
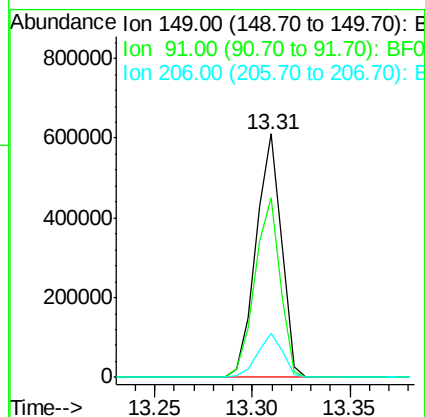
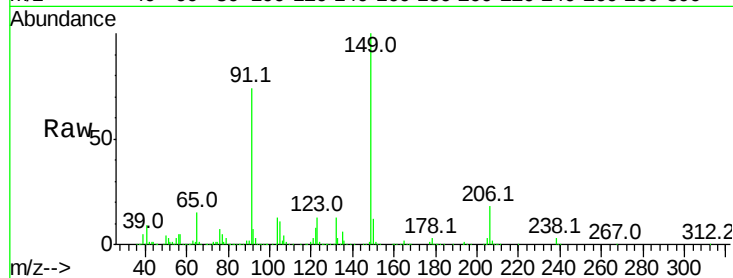




#79
 Butylbenzylphthalate
 Concen: 49.33 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

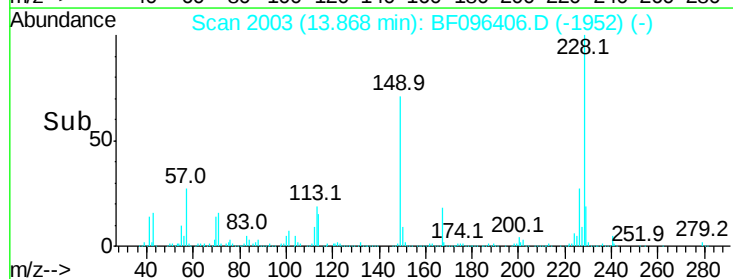
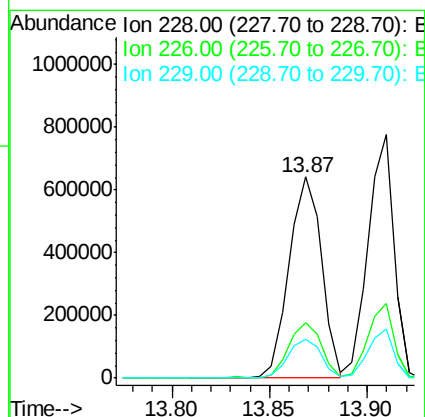
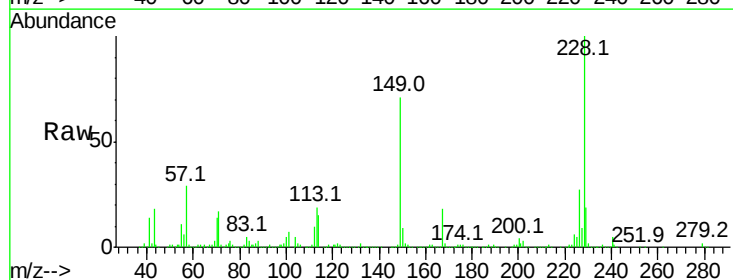
Instrument :
 BNA_F
 ClientSampleId :

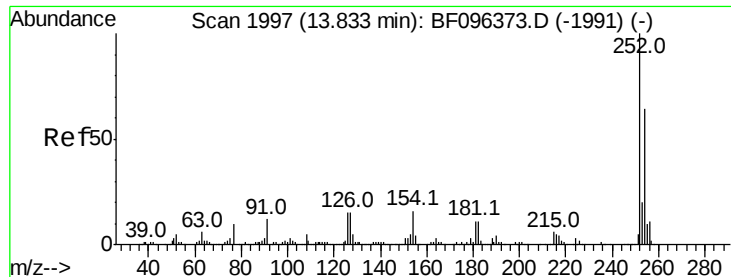
Tot Ion:149 Resp: 549000
 Ion Ratio Lower Upper
 149 100
 91 73.9 45.0 67.4#
 206 18.2 17.0 25.6



#80
 Benzo(a)anthracene
 Concen: 46.56 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:228 Resp: 738494
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.6 33.8
 229 19.5 16.3 24.5

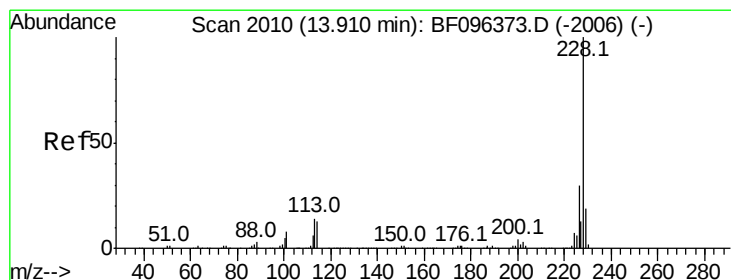
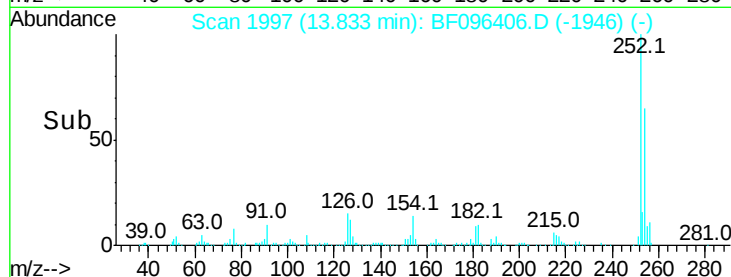
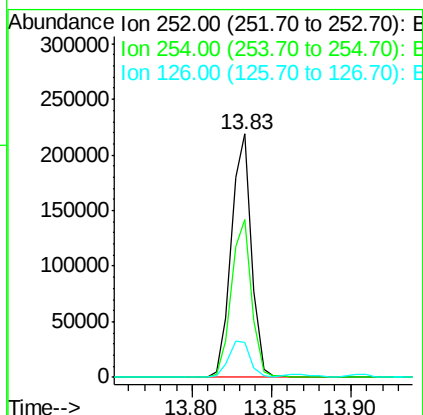
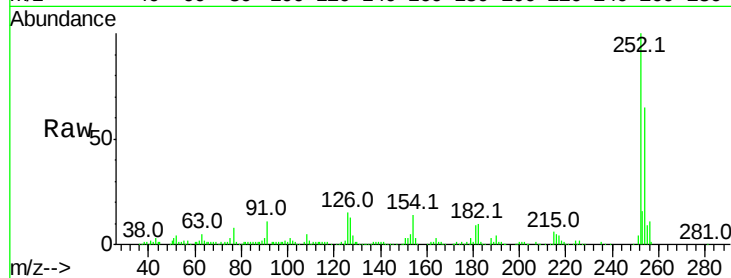




#81
 3,3'-Dichlorobenzidine
 Concen: 29.70 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

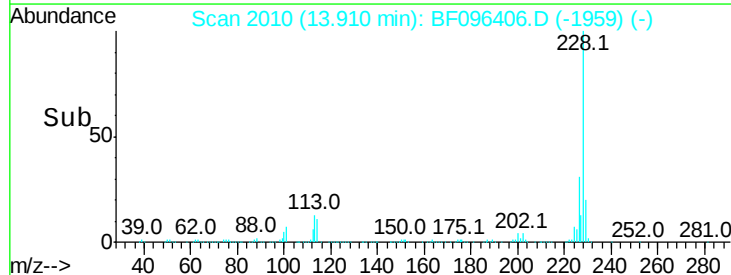
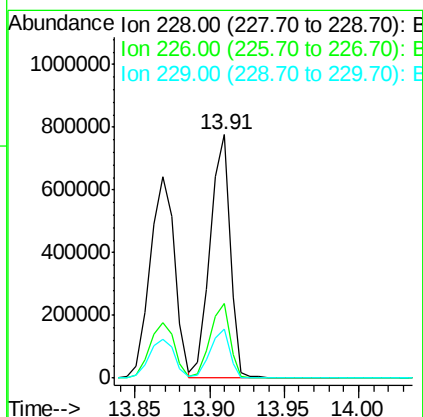
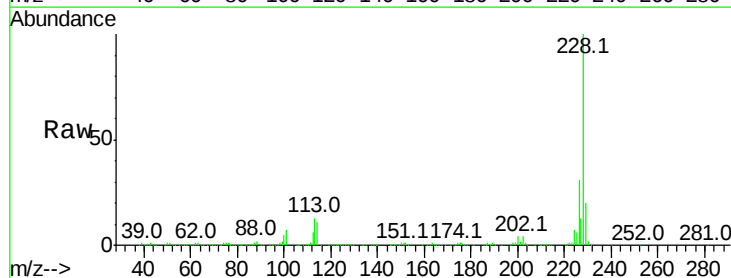
Instrument :
 BNA_F
 ClientSampleId :

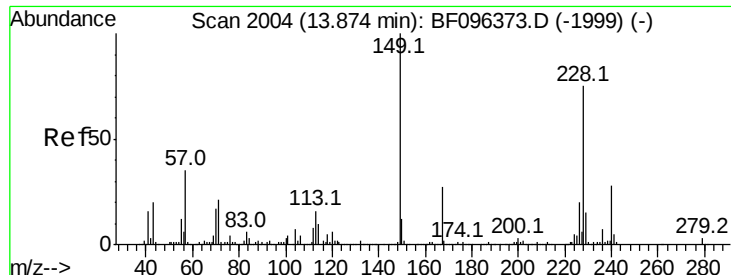
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.6	15.8	23.8



#82
 Chrysene
 Concen: 43.42 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.25 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

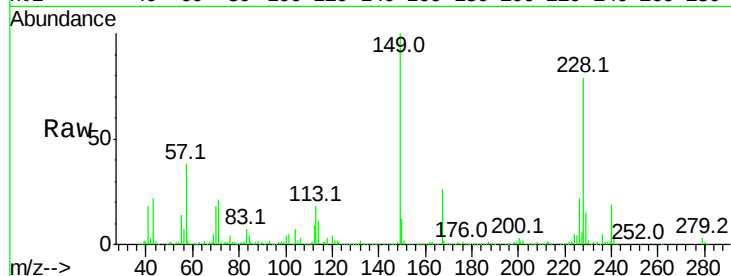
Tot Ion:149 Resp: 611723

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

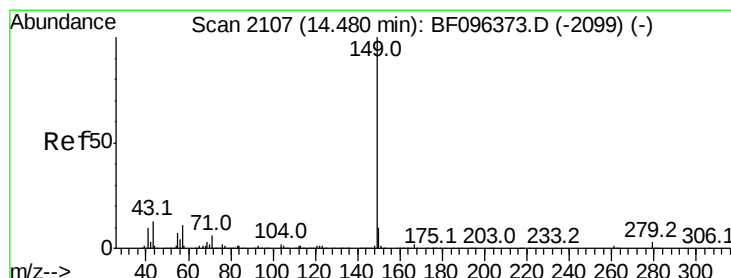
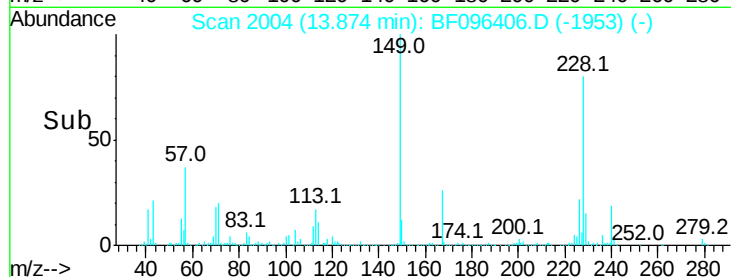
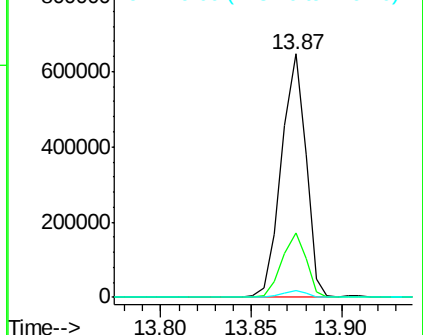
279 2.6 1.9 2.9



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: 41.44 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

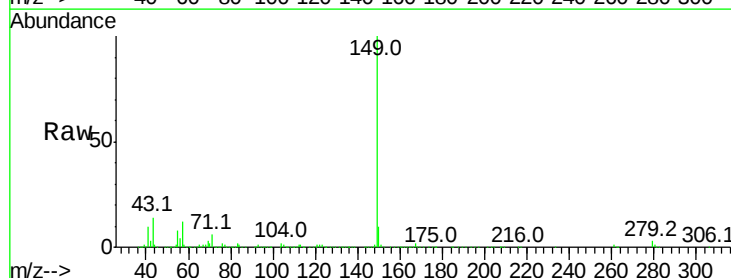
Tgt Ion:149 Resp: 1013624

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

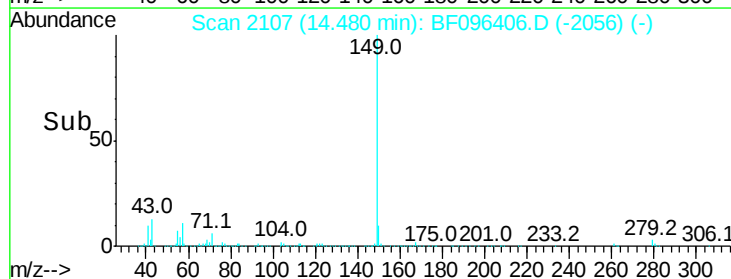
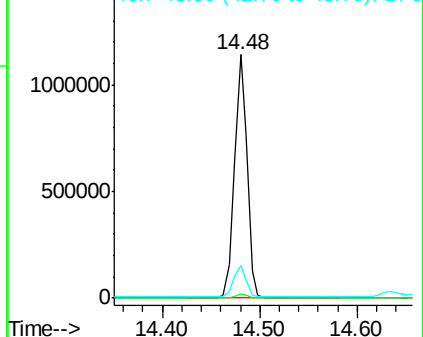
43 12.7 8.5 12.7#

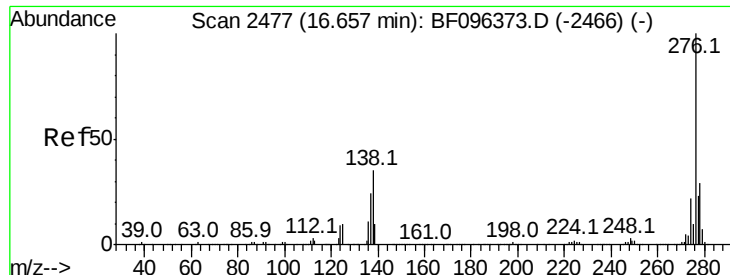


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

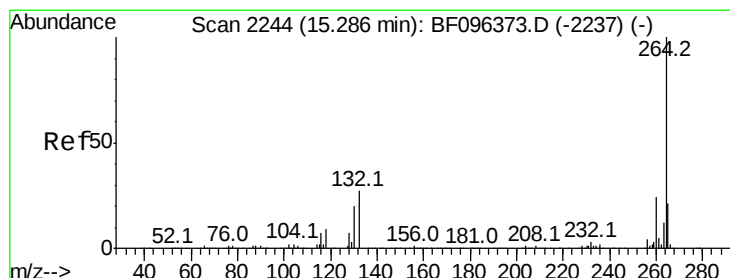
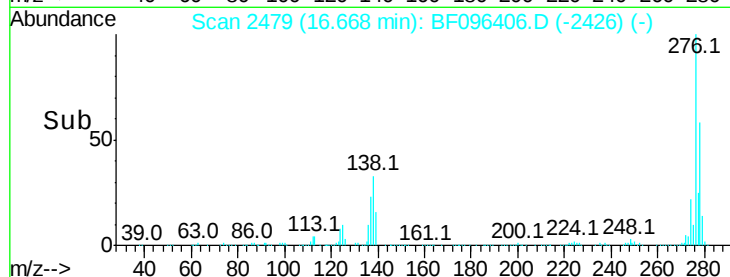
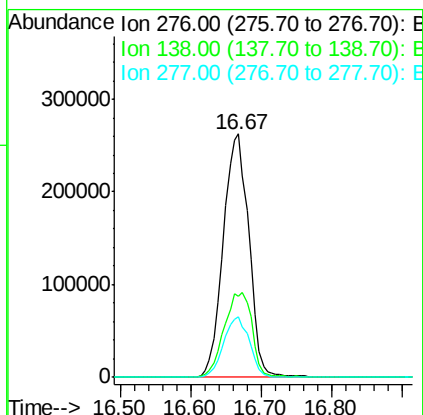
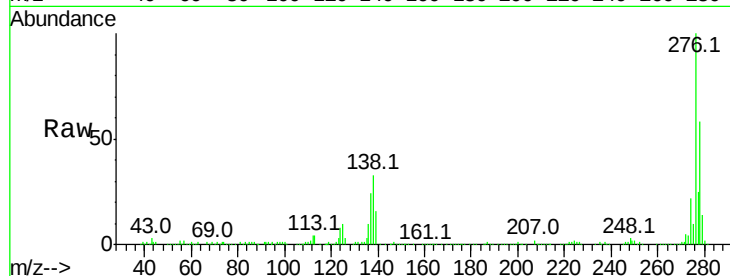




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.65 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

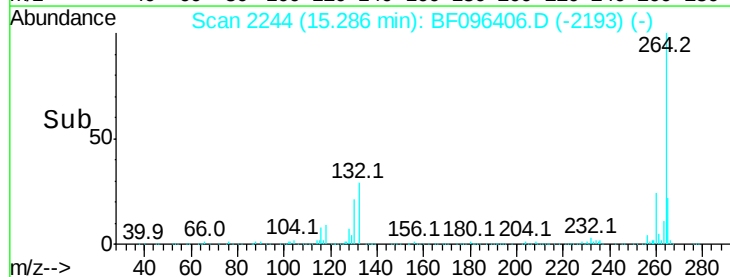
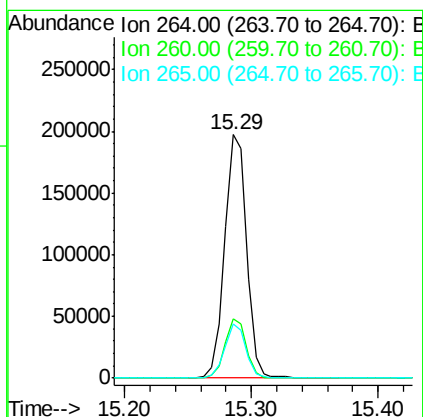
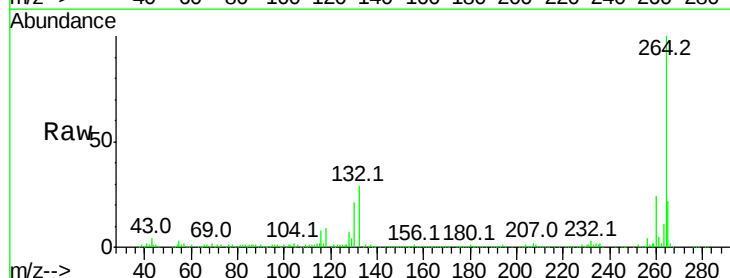
Instrument :
 BNA_F
 ClientSampleId :

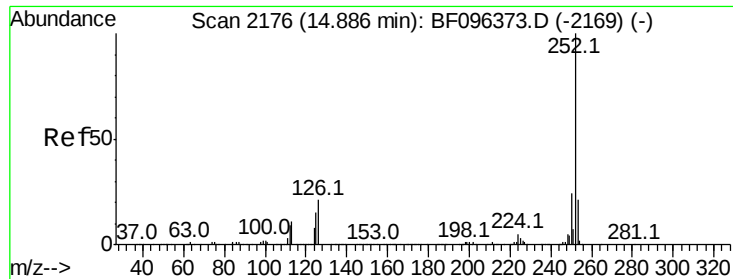
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.1	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.84 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

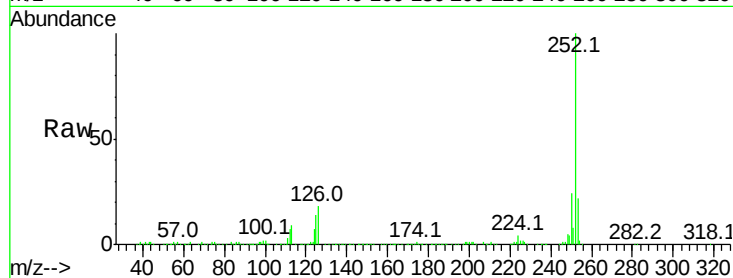
Tot Ion:252 Resp: 646879

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

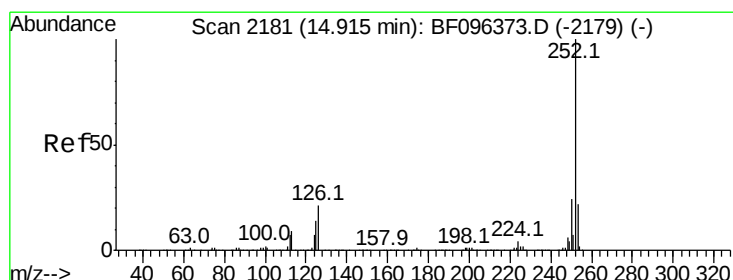
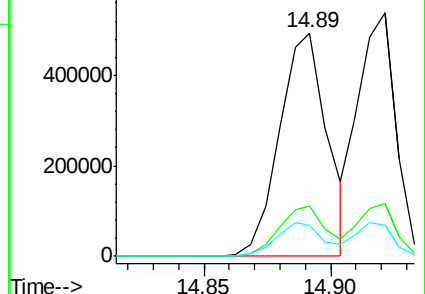
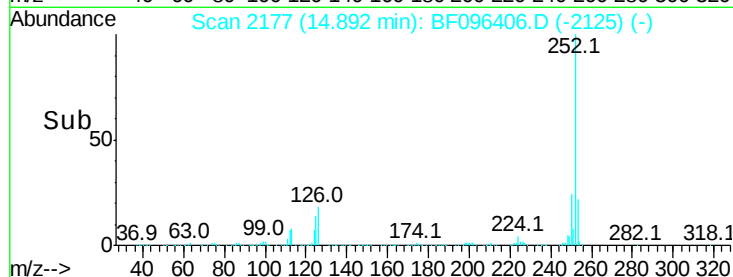
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.00 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

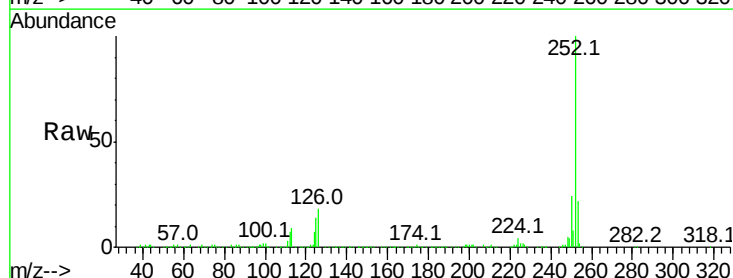
Tgt Ion:252 Resp: 646879

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

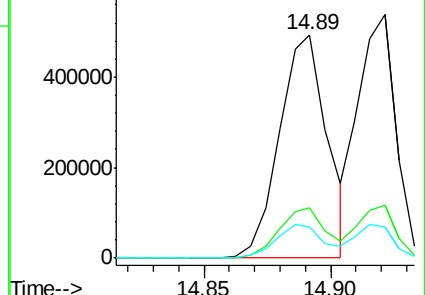
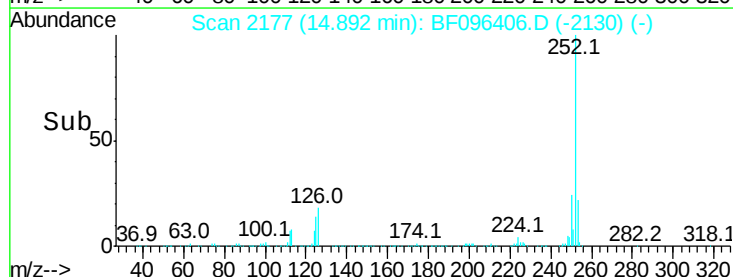
125 14.1 13.1 19.7

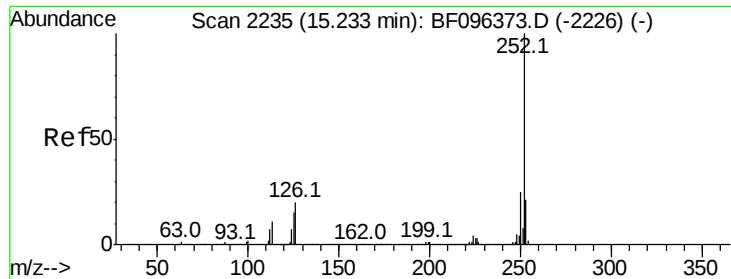


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

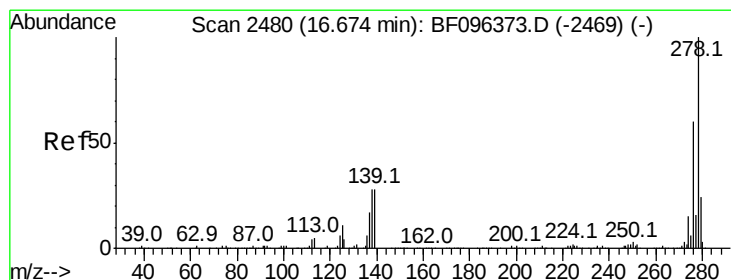
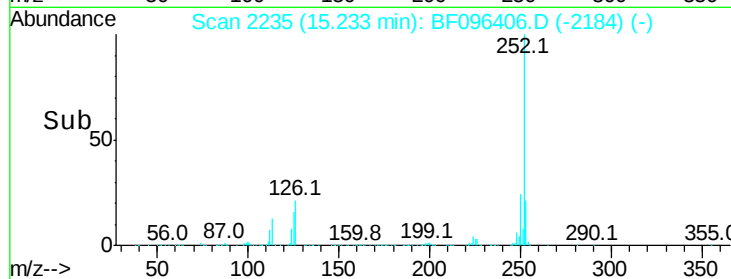
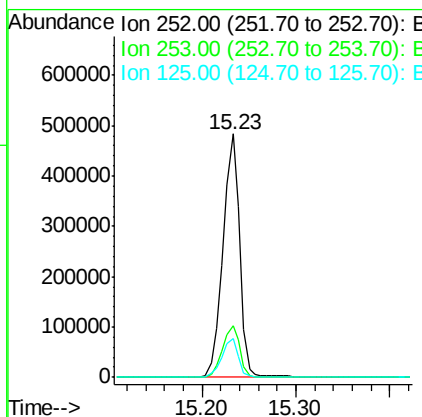
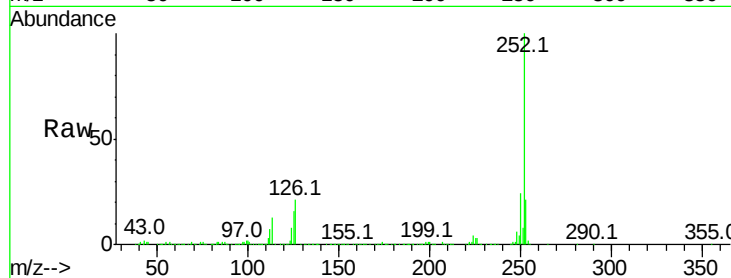




#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

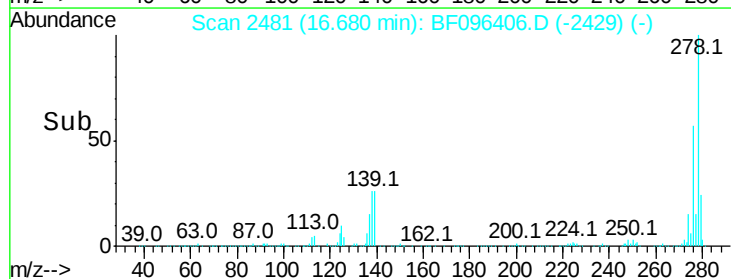
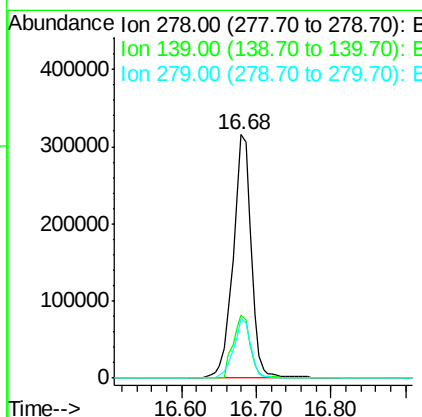
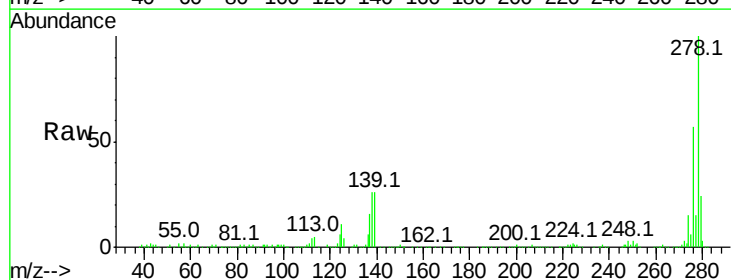
Instrument :
BNA_F
ClientSampleId :

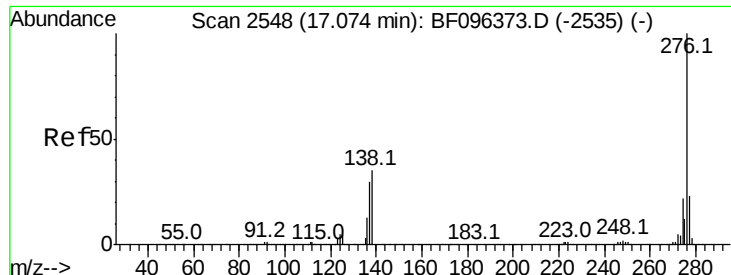
Tot Ion:252 Resp: 597912
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 16.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 51.76 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion:278 Resp: 536528
Ion Ratio Lower Upper
278 100
139 25.9 16.6 24.8#
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 53.42 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

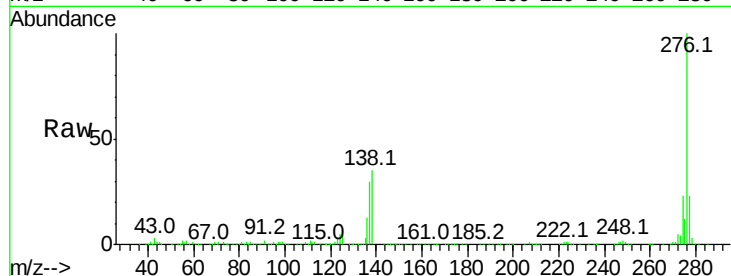
Tot Ion:276 Resp: 573712

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 34.6 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

