

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096106.D
 Acq On : 22 Jun 2017 4:47
 Operator : SJ/MA
 Sample : I3759-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 07:21:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75203	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	330911	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	119614	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	209045	20.00	ng	0.00
75) Chrysene-d12	18.27	240	134714	20.00	ng	0.00
86) Perylene-d12	19.94	264	94988	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	662446	140.36	ng	0.04
7) Phenol-d6	6.88	99	726569	128.60	ng	0.00
23) Nitrobenzene-d5	8.22	82	448837	84.24	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	143404	135.50	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	800845	93.17	ng	0.00
78) Terphenyl-d14	16.92	244	642010	118.27	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.58	88	12662	5.64	ng	# 21
3) Pyridine	2.31	79	126595	23.99	ng	94
4) n-Nitrosodimethylamine	2.23	42	91905	45.81	ng	82
6) Aniline	6.82	93	62560	8.46	ng	97
8) 2-Chlorophenol	6.99	128	228269	45.49	ng	97
9) Benzaldehyde	6.62	77	79842	20.95	ng	97
10) Phenol	6.90	94	245485	41.88	ng	94
11) bis(2-Chloroethyl)ether	6.94	93	213846	46.06	ng	97
12) 1,3-Dichlorobenzene	7.19	146	239631	42.19	ng	99
13) 1,4-Dichlorobenzene	7.32	146	243853	42.34	ng	96
14) 1,2-Dichlorobenzene	7.55	146	228681	43.07	ng	97
15) Benzyl Alcohol	7.61	79	168377	43.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.79	45	297848	45.66	ng	97
17) 2-Methylphenol	7.85	107	190440	45.22	ng	95
18) Hexachloroethane	8.06	117	65183	34.26	ng	# 86
19) n-Nitroso-di-n-propylamine	8.03	70	164995	46.08	ng	93
20) 3+4-Methylphenols	8.13	107	254359	47.58	ng	# 59
22) Acetophenone	7.99	105	330270	42.64	ng	# 84
24) Nitrobenzene	8.25	77	231312	40.64	ng	95
25) Isophorone	8.65	82	410433	41.25	ng	97
26) 2-Nitrophenol	8.76	139	94494	31.70	ng	97
27) 2,4-Dimethylphenol	8.92	122	204374	44.19	ng	97
28) bis(2-Chloroethoxy)methane	9.03	93	274427	41.85	ng	99
29) 2,4-Dichlorophenol	9.21	162	193046	43.34	ng	99
30) 1,2,4-Trichlorobenzene	9.26	180	201350	43.44	ng	98
31) Naphthalene	9.36	128	733236	44.15	ng	99
32) Benzoic acid	9.28	122	44990	19.02	ng	97
33) 4-Chloroaniline	9.56	127	28111	4.33	ng	# 91
34) Hexachlorobutadiene	9.57	225	98330	41.06	ng	98
35) Caprolactam	10.16	113	45676	34.46	ng	90
36) 4-Chloro-3-methylphenol	10.41	107	200309	42.96	ng	89
37) 2-Methylnaphthalene	10.49	142	480236	42.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	181707	50.76	ng	98
40) Hexachlorocyclopentadiene	10.73	237	1237	12.19	ng	76

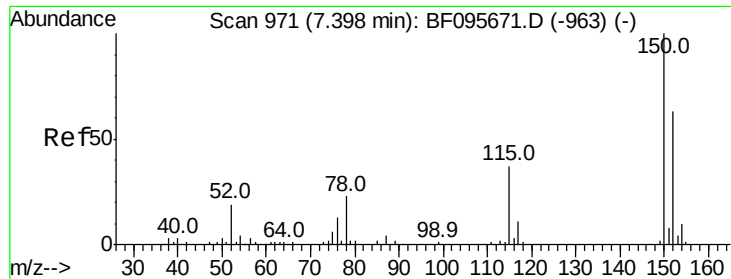
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096106.D
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Quant Time: Jun 22 07:21:00 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	105479	45.83	nq	97
43) 2,4,5-Trichlorophenol	11.12	196	102857	42.01	nq	95
45) 1,1'-Biphenyl	11.25	154	464204	47.09	nq	97
46) 2-Chloronaphthalene	11.27	162	349364	45.36	nq	95
47) 2-Nitroaniline	11.50	65	107749	47.80	nq	# 86
48) Acenaphthylene	11.92	152	532939	40.46	nq	98
49) Dimethylphthalate	11.81	163	434230	47.81	nq	99
50) 2,6-Dinitrotoluene	11.91	165	74782	37.75	nq	# 68
51) Acenaphthene	12.20	154	327419	43.04	nq	98
52) 3-Nitroaniline	12.18	138	70260	30.44	nq	91
53) 2,4-Dinitrophenol	12.49	184	1887	8.02	nq	# 1
54) Dibenzofuran	12.49	168	535421	50.01	nq	99
55) 4-Nitrophenol	12.64	139	83680	63.13	nq	# 80
56) 2,4-Dinitrotoluene	12.59	165	108008	40.37	nq	# 90
57) Fluorene	13.04	166	424326	45.54	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.75	232	77338	46.17	nq	# 91
59) Diethylphthalate	12.95	149	427744	48.94	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	178774	44.12	nq	90
61) 4-Nitroaniline	13.18	138	103428	48.00	nq	96
62) Azobenzene	13.32	77	374316	47.25	nq	95
65) n-Nitrosodiphenylamine	13.28	169	304772	40.57	nq	99
66) 4-Bromophenyl-phenylether	13.84	248	98051	45.13	nq	98
67) Hexachlorobenzene	13.93	284	99058	46.27	nq	# 86
68) Atrazine	14.20	200	78596	37.60	nq	97
69) Pentachlorophenol	14.31	266	39919	51.72	nq	91
70) Phenanthrene	14.57	178	537857	44.59	nq	99
71) Anthracene	14.66	178	565322	44.89	nq	98
72) Carbazole	14.97	167	458429	37.36	nq	96
73) Di-n-butylphthalate	15.56	149	664808	50.92	nq	98
74) Fluoranthene	16.36	202	501920	42.04	nq	98
76) Benzidine	16.61	184	81660	15.78	nq	# 94
77) Pyrene	16.67	202	570508	56.76	nq	99
79) Butylbenzylphthalate	17.59	149	268603	61.19	nq	# 85
80) Benzo(a)anthracene	18.26	228	364030	46.48	nq	99
81) 3,3'-Dichlorobenzidine	18.25	252	42781	15.36	nq	# 93
82) Chrysene	18.30	228	358409	45.79	nq	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	324494	52.40	nq	# 98
84) Di-n-octyl phthalate	19.11	149	514716	50.44	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	250875	37.46	nq	99
87) Benzo(b)fluoranthene	19.54	252	275478	46.32	nq	99
88) Benzo(k)fluoranthene	19.56	252	274137	48.22	nq	96
89) Benzo(a)pyrene	19.89	252	254688	46.59	nq	97
90) Dibenzo(a,h)anthracene	21.10	278	212687	45.86	nq	96
91) Benzo(g,h,i)perylene	21.43	276	210687	44.56	nq	97

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

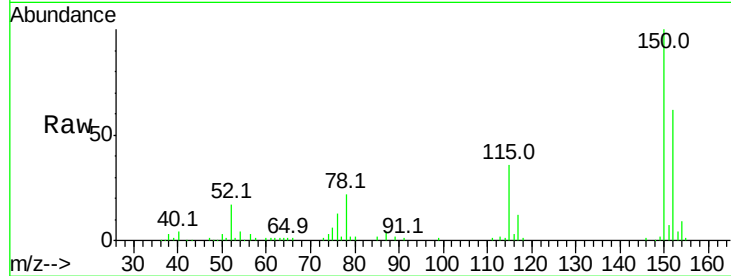


#1

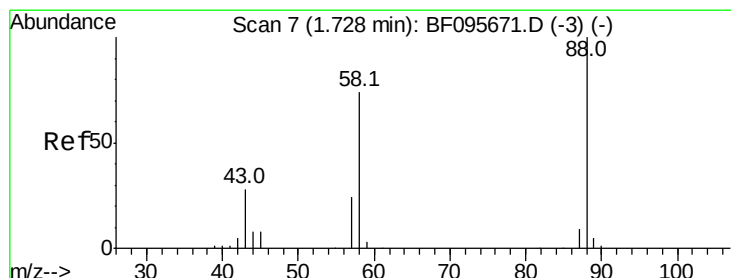
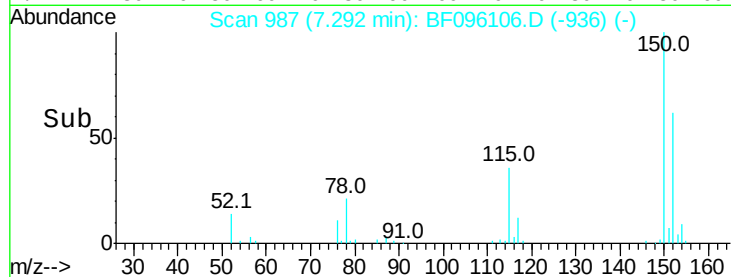
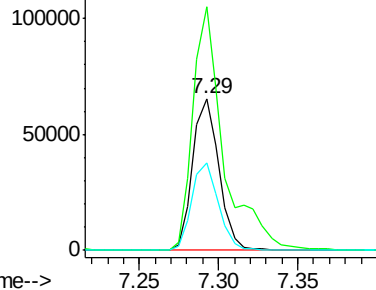
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75203
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 57.7 52.2 78.2



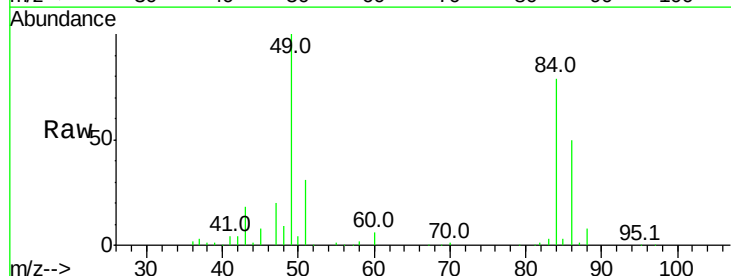
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



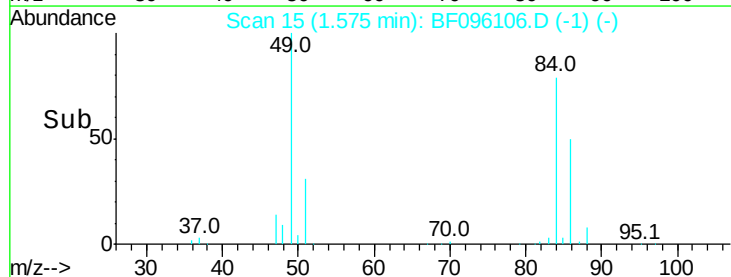
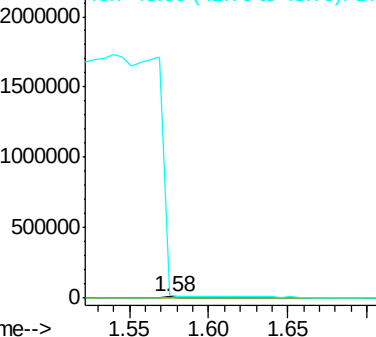
#2

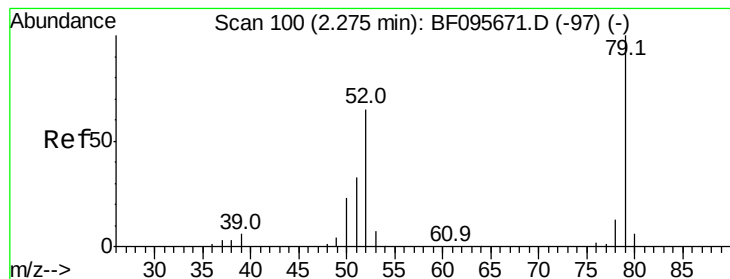
1,4-Dioxane
Concen: 5.64 ng
RT: 1.58 min Scan# 15
Delta R.T. -0.04 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion: 88 Resp: 12662
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 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: 23.99 ng

RT: 2.31 min Scan# 140

Delta R.T. 0.18 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

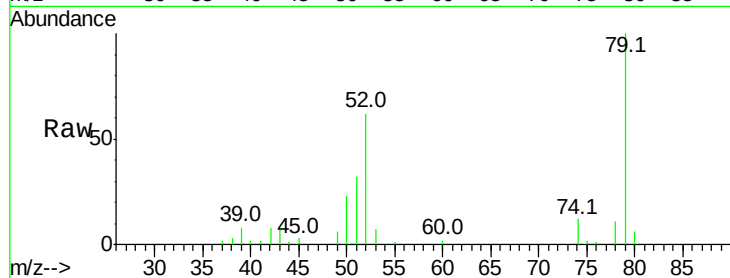
Tot Ion: 79 Resp: 126595

Ion Ratio Lower Upper

79 100

52 62.1 54.8 82.2

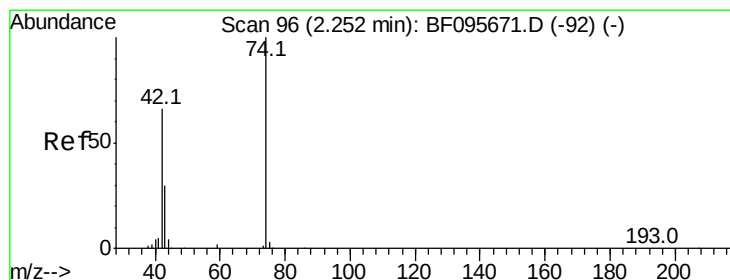
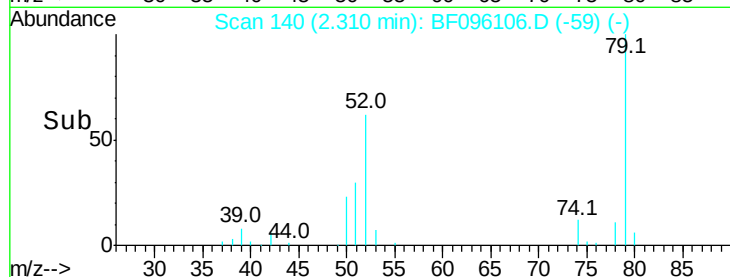
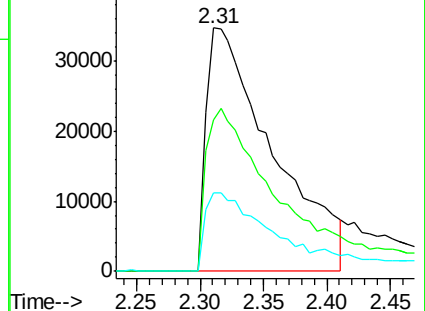
51 32.3 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.81 ng

RT: 2.23 min Scan# 127

Delta R.T. 0.12 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

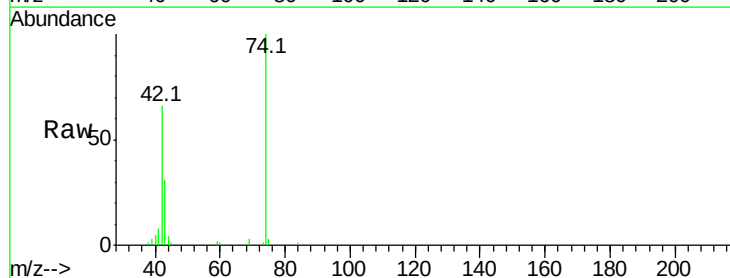
Tgt Ion: 42 Resp: 91905

Ion Ratio Lower Upper

42 100

74 152.4 103.9 155.9

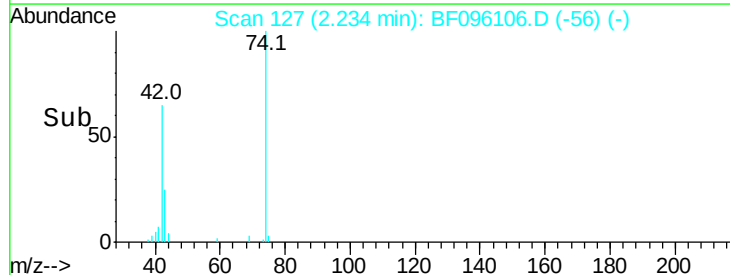
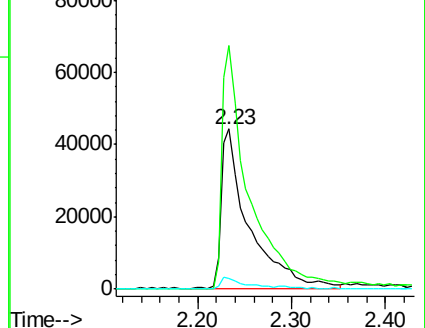
44 6.6 5.7 8.5

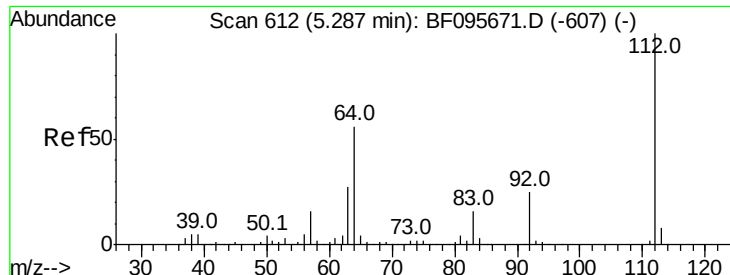


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.36 ng

RT: 5.22 min Scan# 634

Delta R.T. 0.04 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

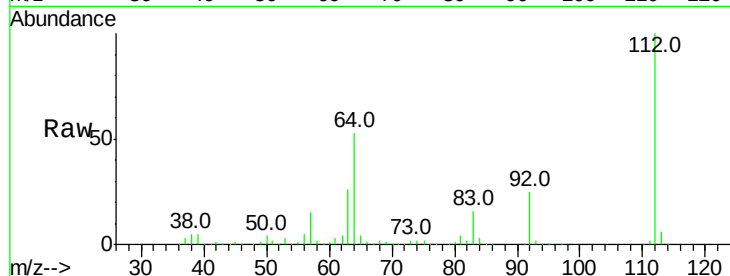
Tot Ion:112 Resp: 662446

Ion Ratio Lower Upper

112 100

64 53.2 46.0 69.0

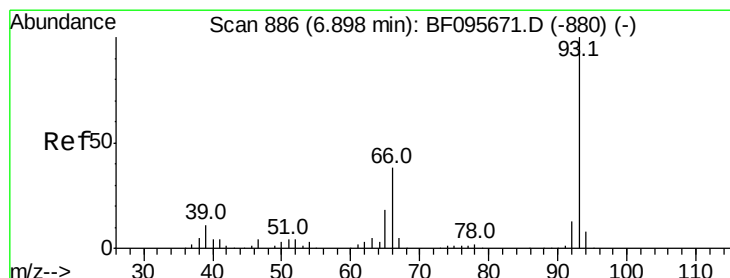
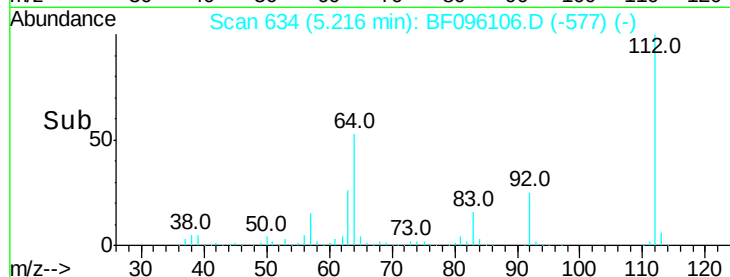
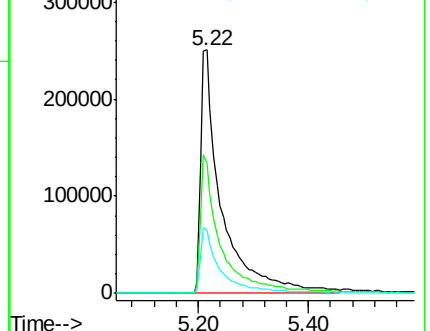
63 26.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.46 ng

RT: 6.82 min Scan# 906

Delta R.T. 0.02 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

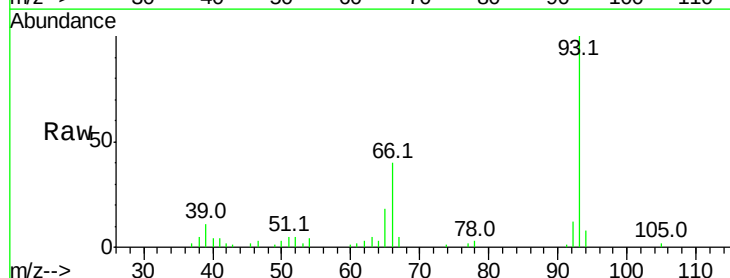
Tgt Ion: 93 Resp: 62560

Ion Ratio Lower Upper

93 100

66 40.0 32.9 49.3

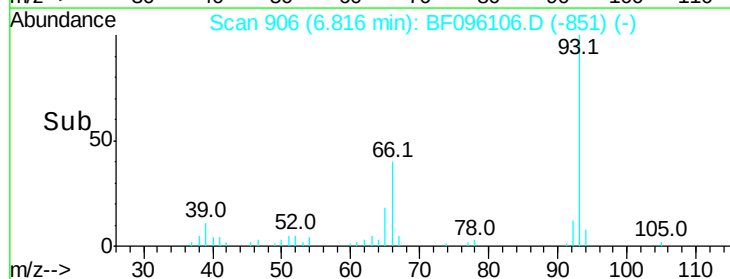
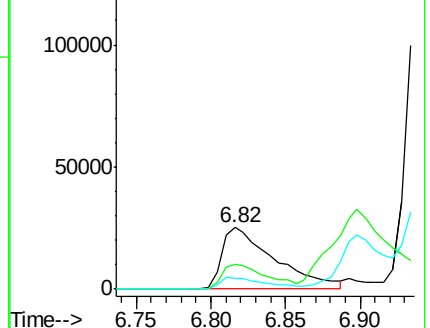
65 17.8 16.0 24.0

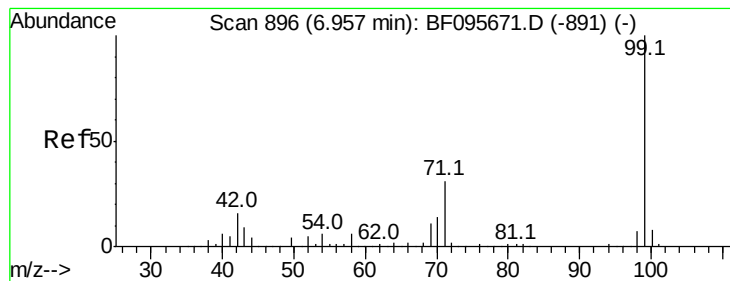


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.60 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

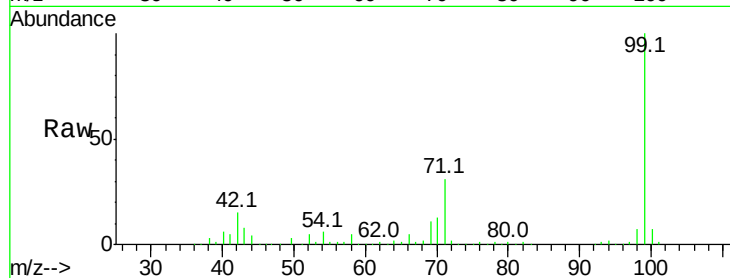
Tot Ion: 99 Resp: 726569

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

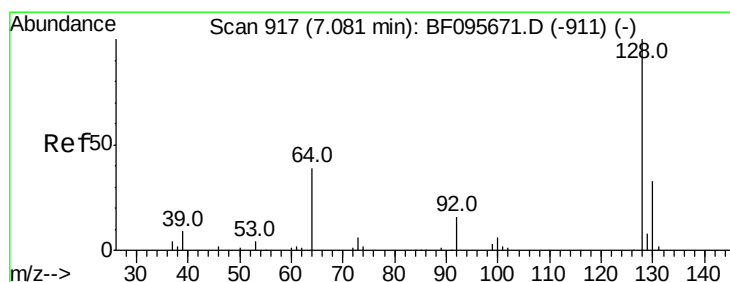
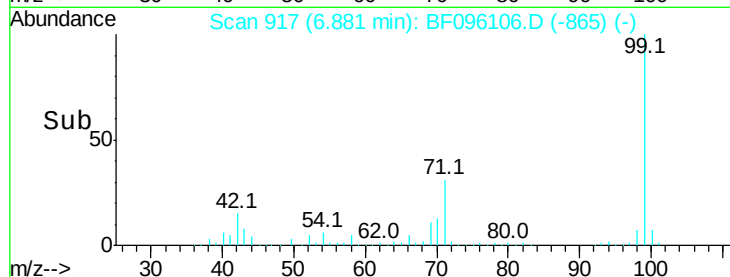
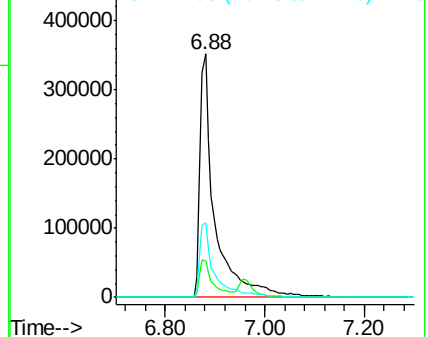
71 30.6 24.5 36.7



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: 45.49 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

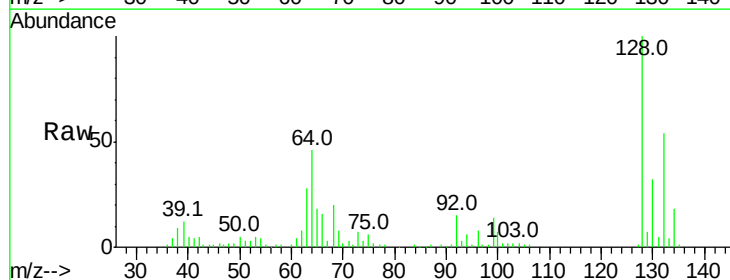
Tgt Ion:128 Resp: 228269

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

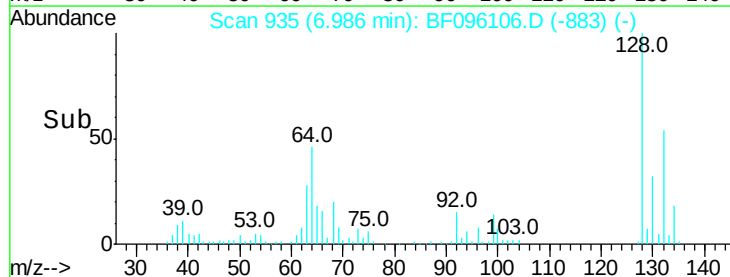
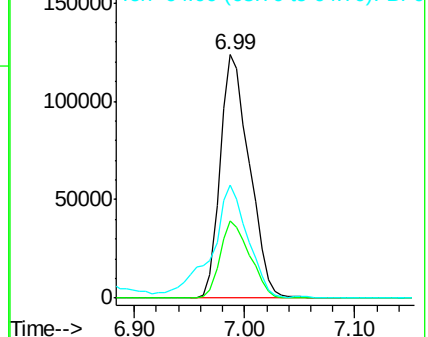
64 46.4 28.4 68.4

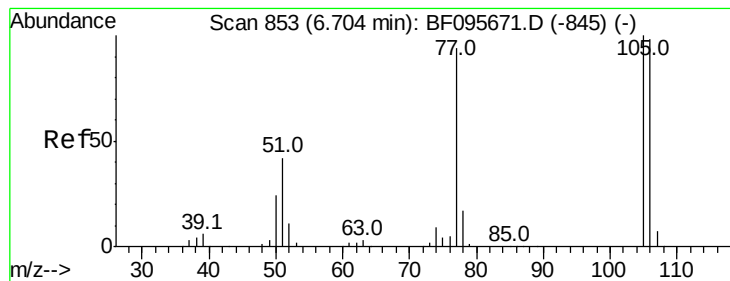


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.95 ng

RT: 6.62 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

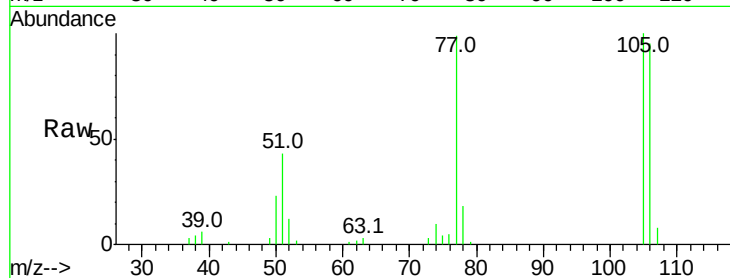
Tot Ion: 77 Resp: 79842

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

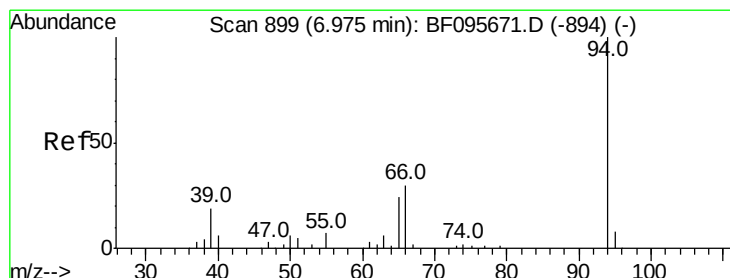
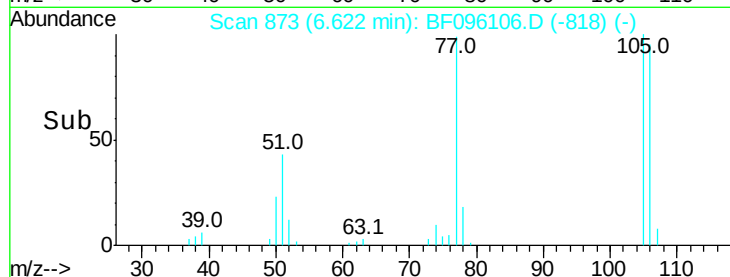
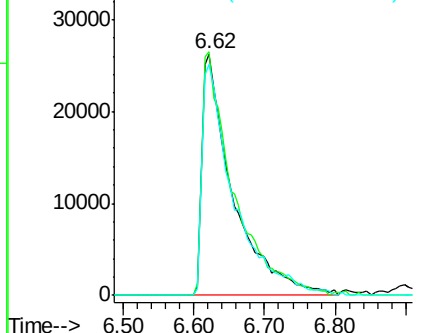
106 95.5 79.1 119.1



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: 41.88 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

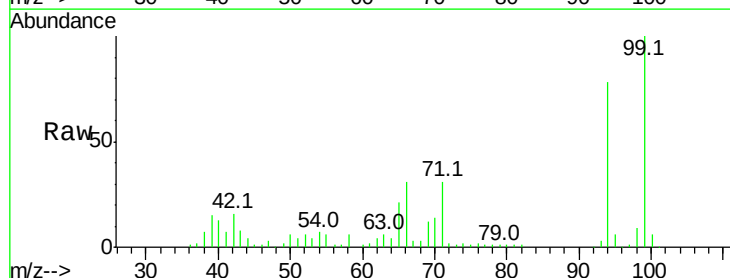
Tgt Ion: 94 Resp: 245485

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

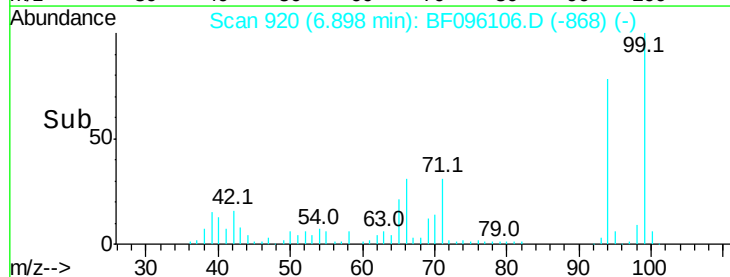
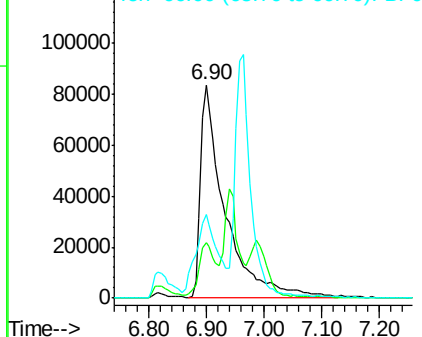
66 39.2 23.1 63.1

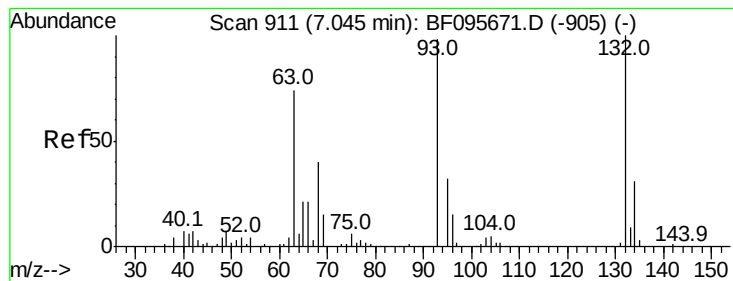


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

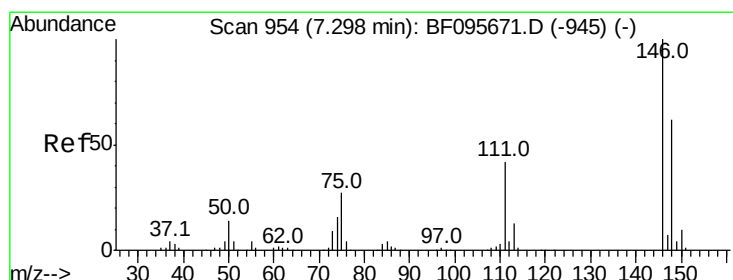
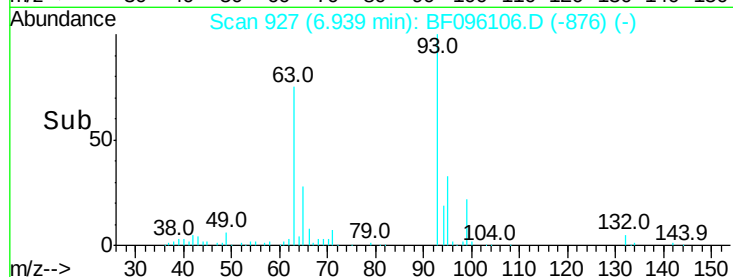
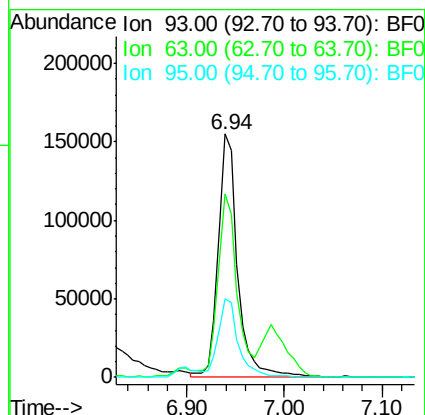
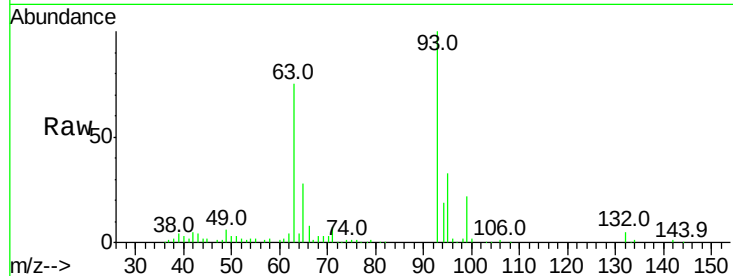




#11
bis(2-Chloroethyl)ether
Concen: 46.06 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

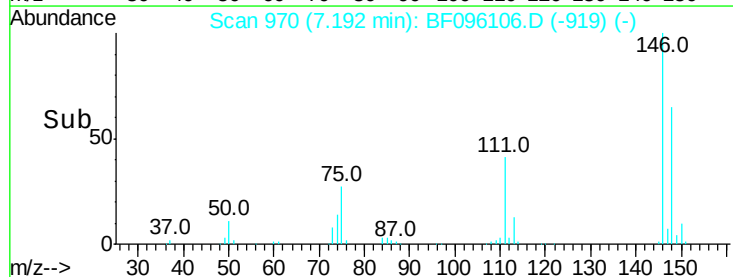
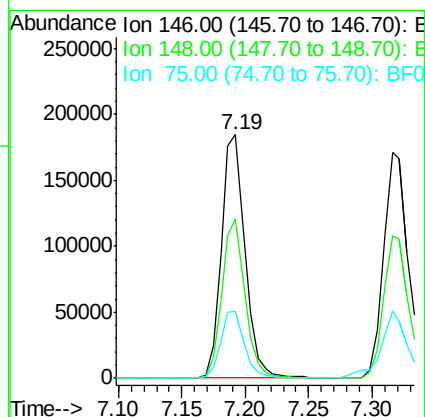
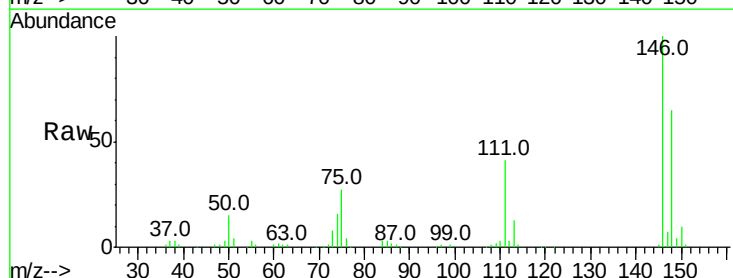
Instrument :
BNA_F
ClientSampleId :

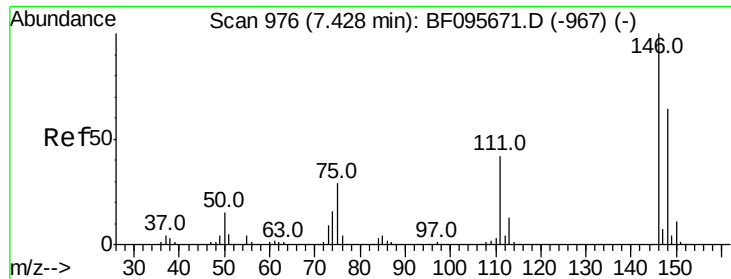
Tot Ion: 93 Resp: 213846
Ion Ratio Lower Upper
93 100
63 75.1 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.19 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion: 146 Resp: 239631
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
75 27.4 23.1 34.7

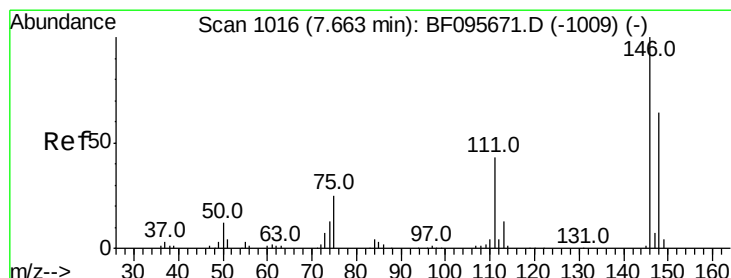
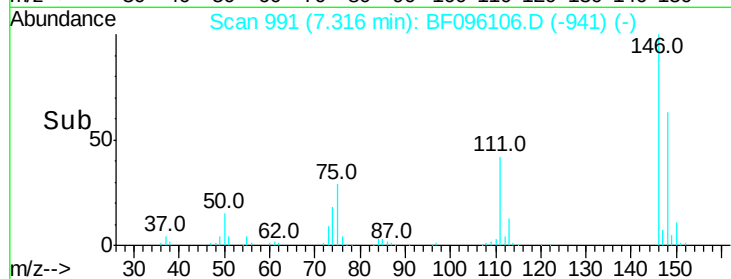
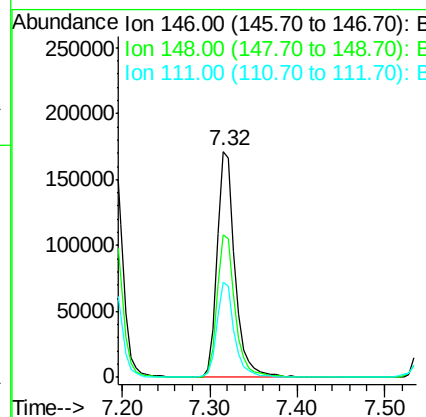
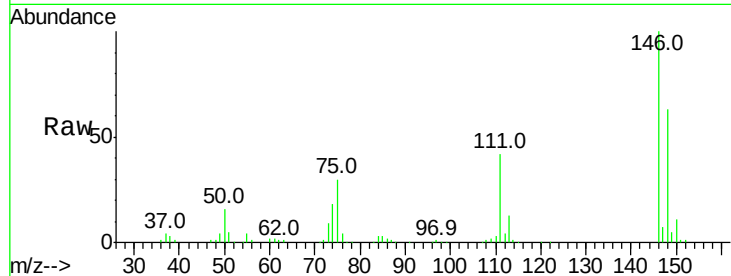




#13
 1,4-Dichlorobenzene
 Concen: 42.34 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

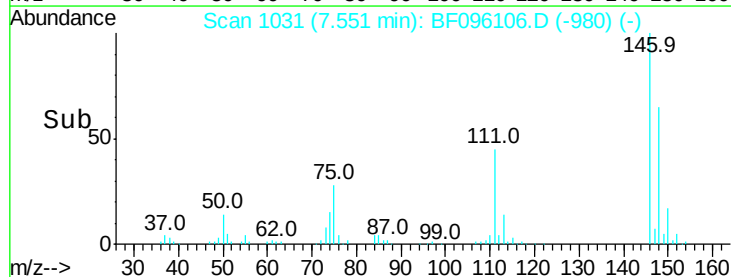
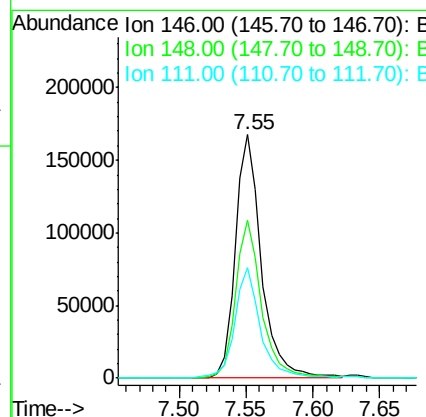
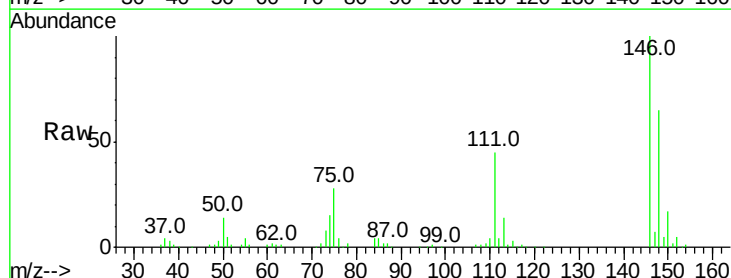
Instrument :
 BNA_F
 ClientSampleId :

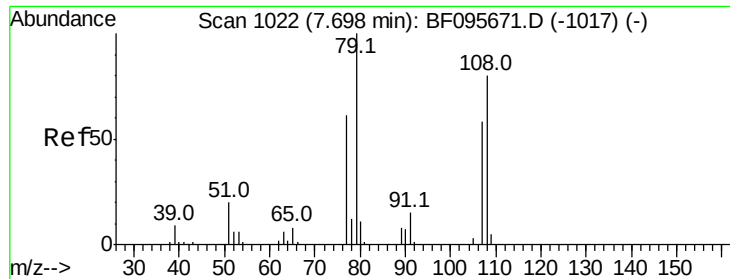
Tot Ion:146 Resp: 243853
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 42.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.07 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion:146 Resp: 228681
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 45.2 38.2 57.4

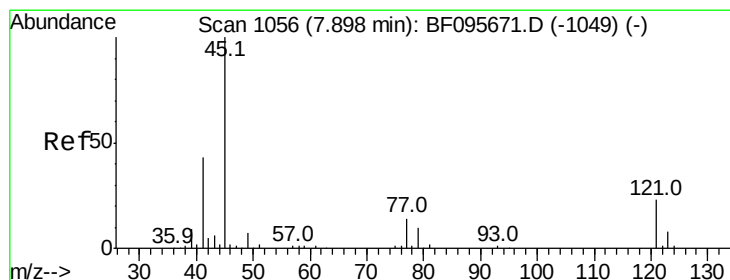
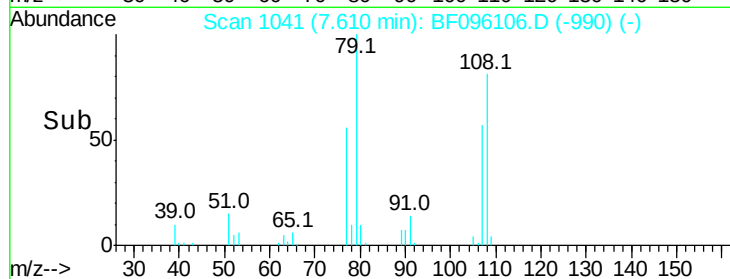
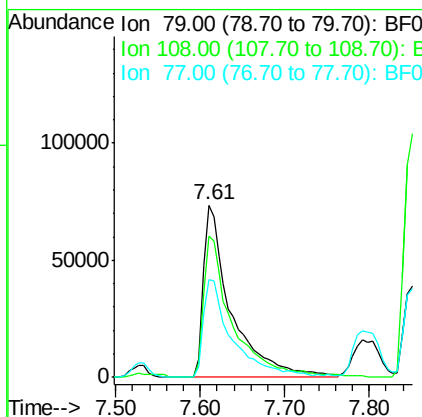
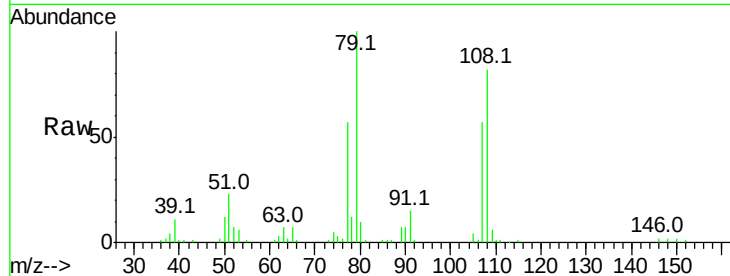




#15
Benzyl Alcohol
Concen: 43.42 ng
RT: 7.61 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

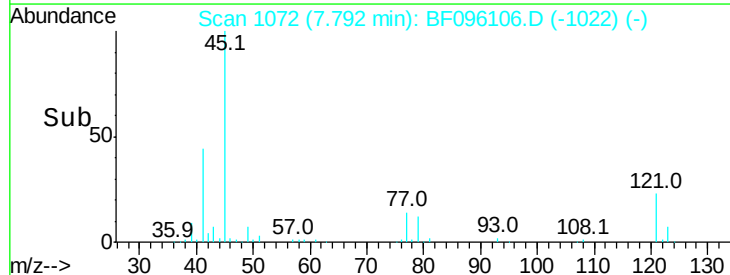
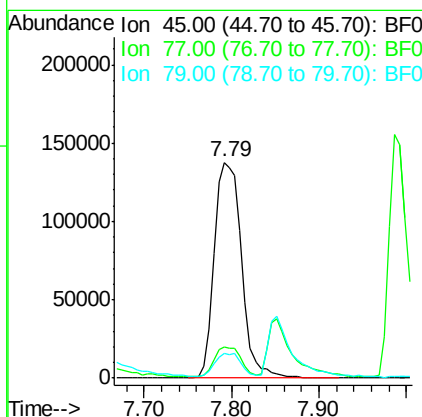
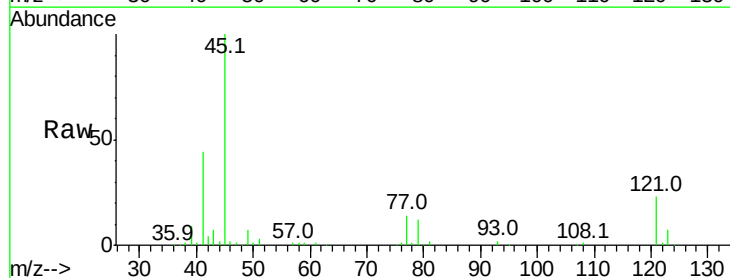
Instrument :
BNA_F
ClientSampleId :

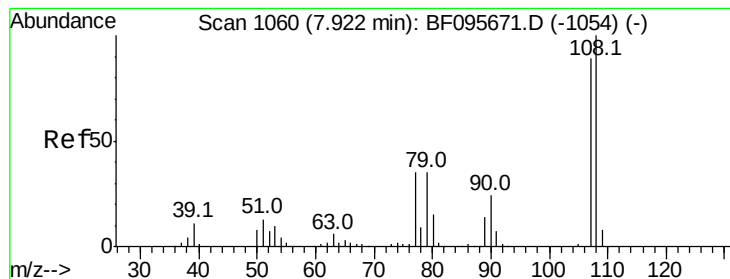
Tot Ion: 79 Resp: 168377
Ion Ratio Lower Upper
79 100
108 82.0 63.4 95.0
77 57.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.66 ng
RT: 7.79 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion: 45 Resp: 297848
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 11.5 0.0 30.0

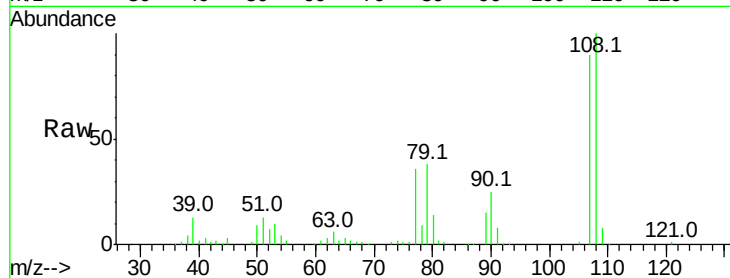




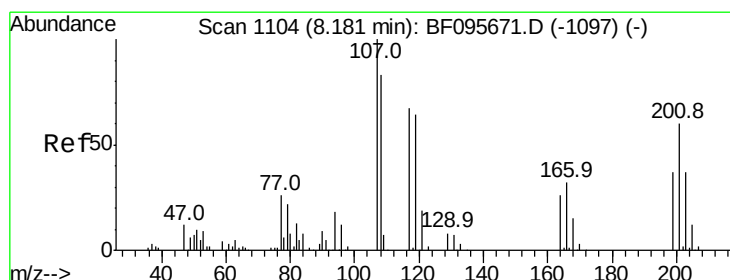
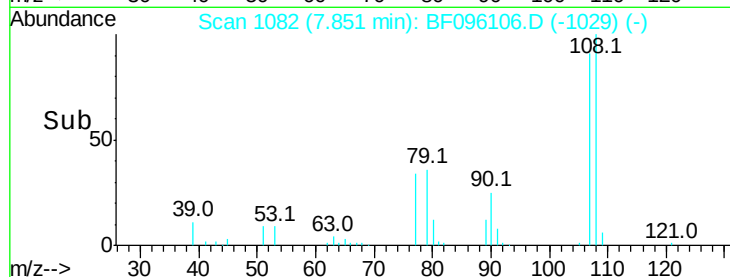
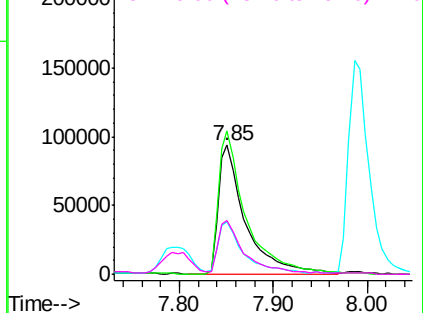
#17
2-Methylphenol
Concen: 45.22 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	93.4	140.0
77	40.4	35.8	53.6
79	41.6	34.8	52.2

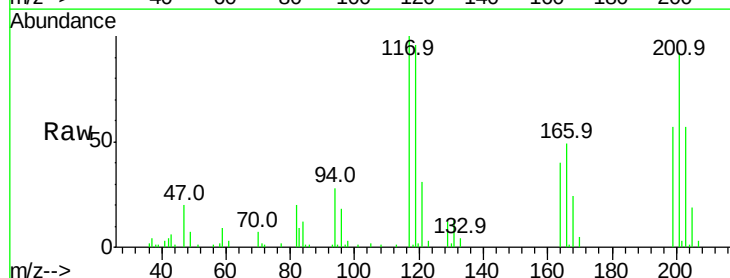


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

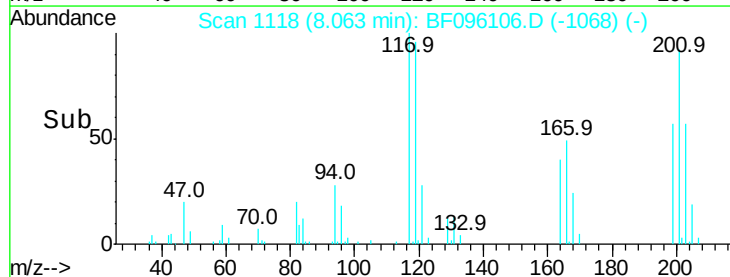
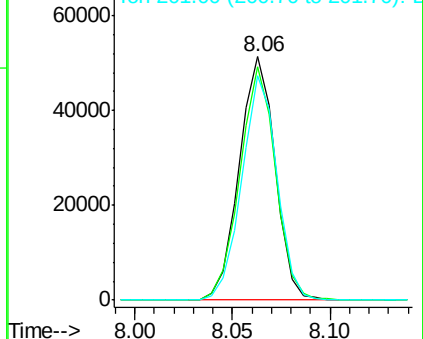


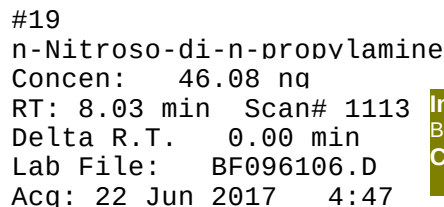
#18
Hexachloroethane
Concen: 34.26 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	92.1	94.6	141.8#



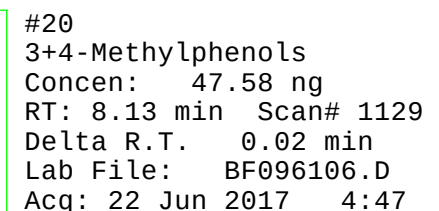
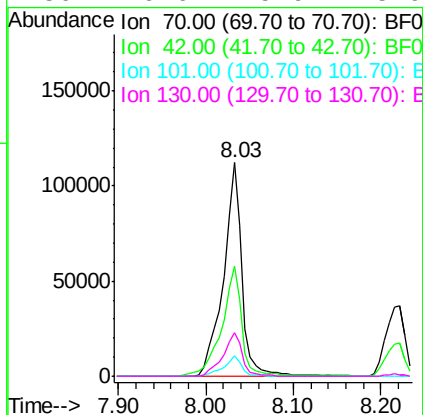
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



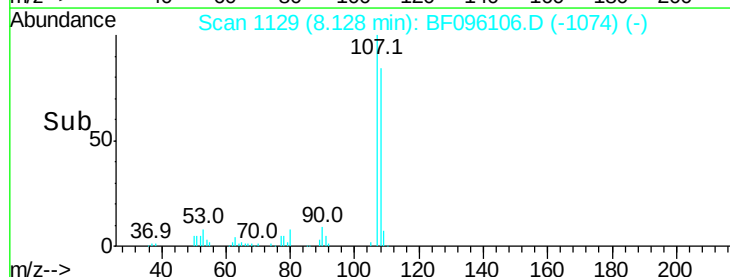
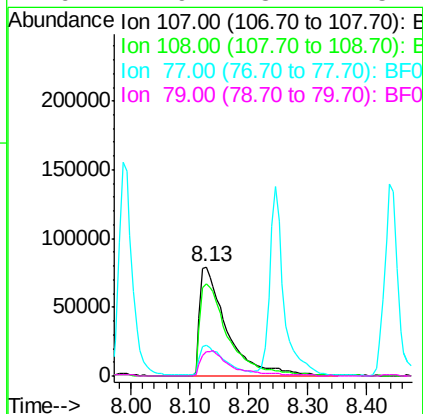


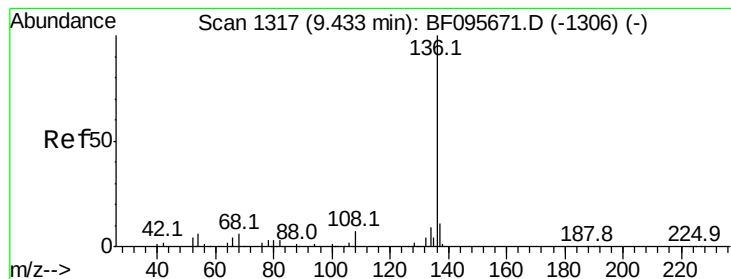
Instrument :
BNA_F
ClientSampleId :

Tot	Ion: 70	Resp:	164995
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.2	70.8
101	9.9	7.2	10.8
130	20.6	15.9	23.9



Tgt	Ion:107	Resp:	254359
Ion	Ratio	Lower	Upper
107	100		
108	84.6	71.0	111.0
77	28.7	90.5	130.5#
79	21.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 330911

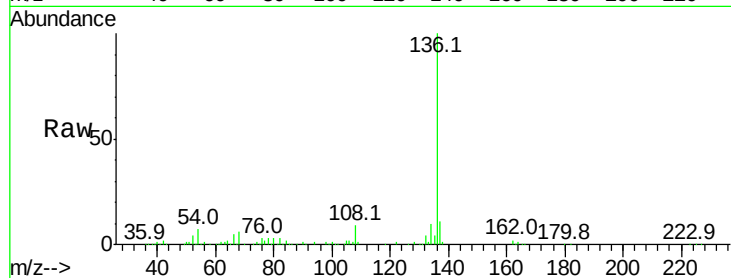
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

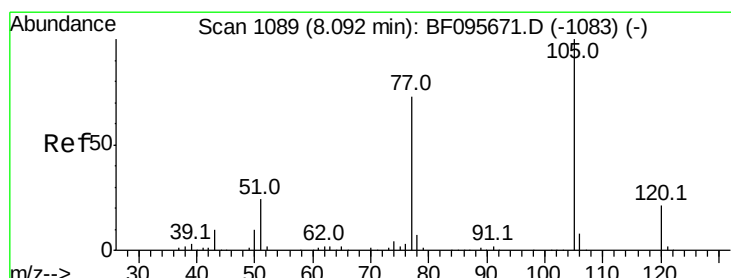
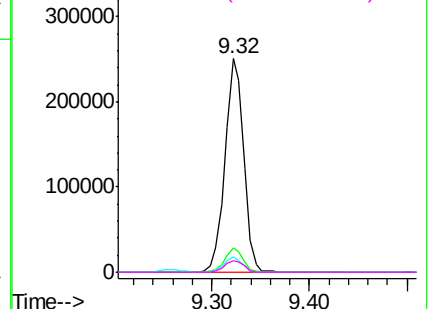
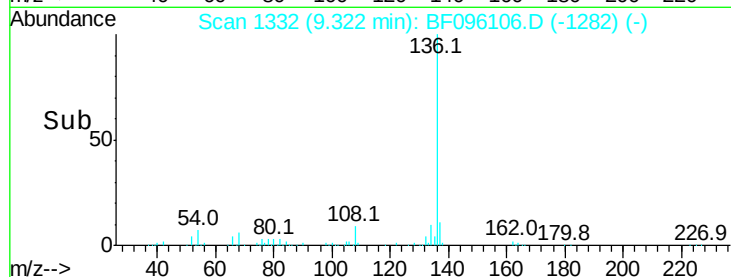


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.64 ng

RT: 7.99 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Tgt Ion:105 Resp: 330270

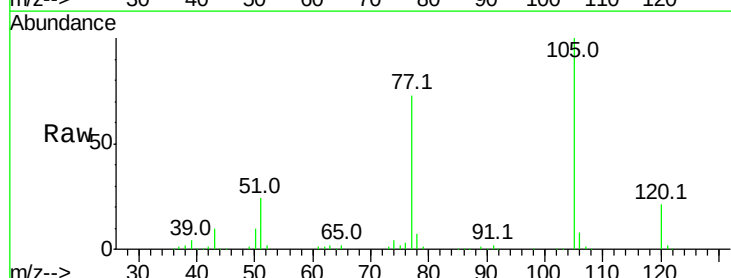
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.2 30.7 46.1#

120 20.6 17.4 26.0

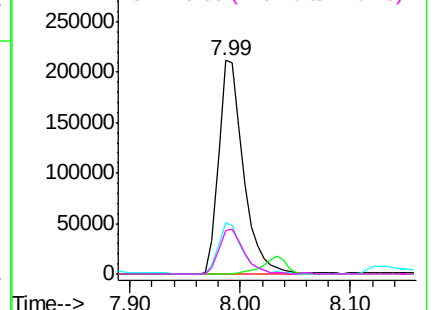
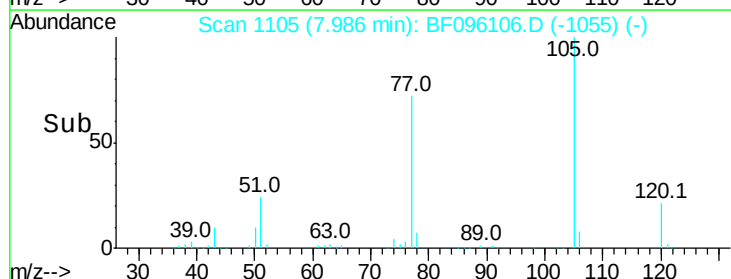


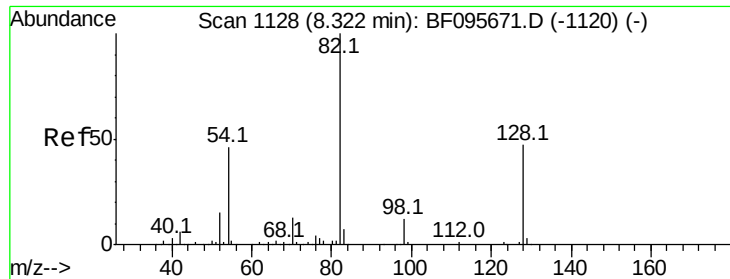
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

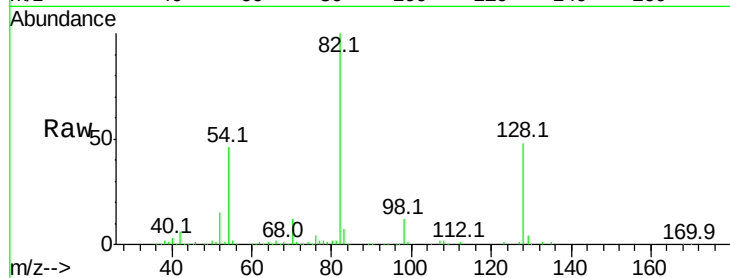




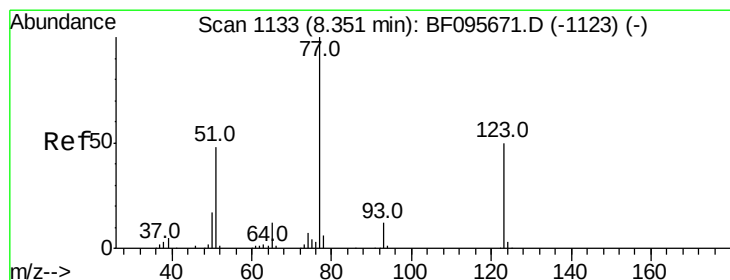
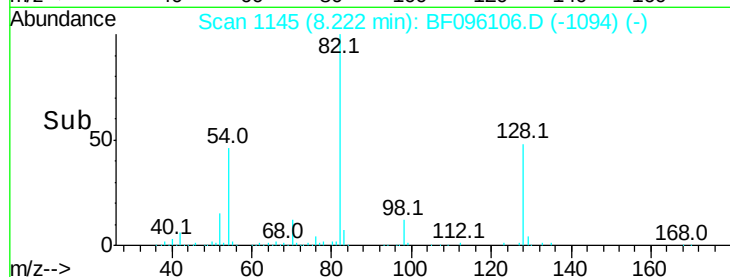
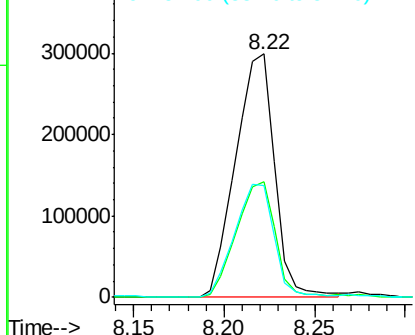
#23
Nitrobenzene-d5
Concen: 84.24 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	448837
Ion Ratio	100	Lower	Upper
128	47.5	34.0	51.0
54	46.1	42.2	63.2

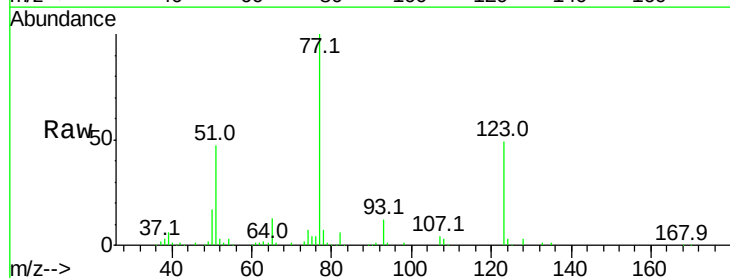


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

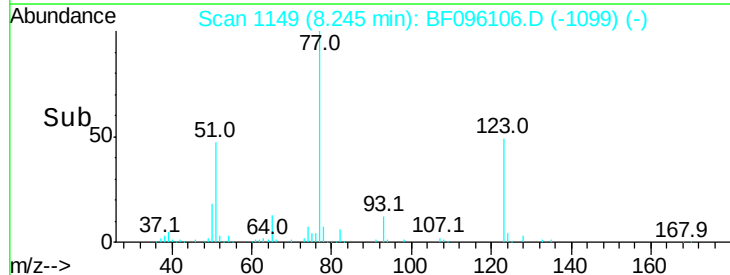
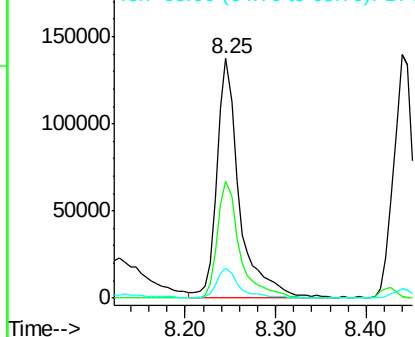


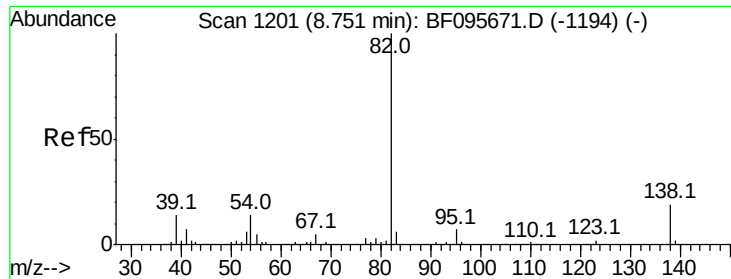
#24
Nitrobenzene
Concen: 40.64 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion	77	Resp	231312
Ion Ratio	100	Lower	Upper
123	49.0	35.8	53.8
65	12.5	10.6	15.8



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





#25

Isophorone

Concen: 41.25 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

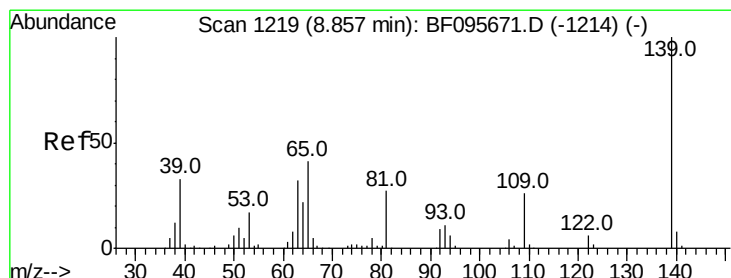
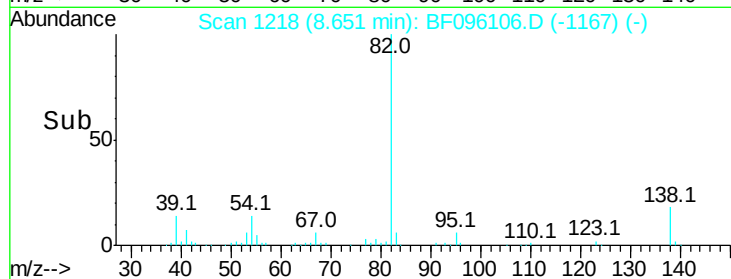
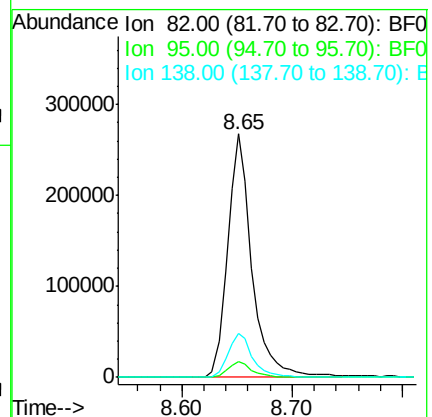
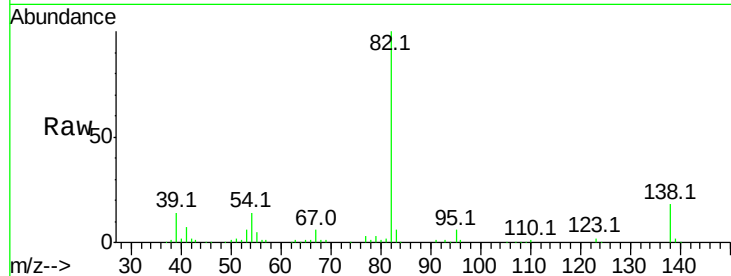
Tot Ion: 82 Resp: 410433

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 18.0 13.1 19.7



#26

2-Nitrophenol

Concen: 31.70 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

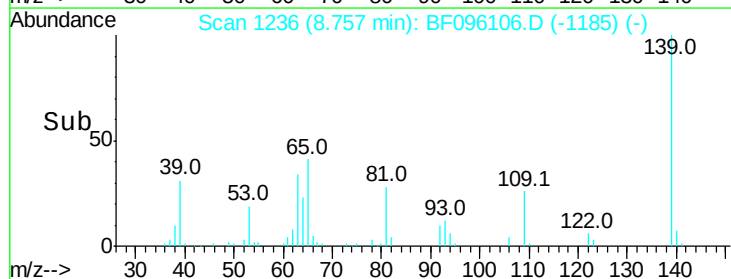
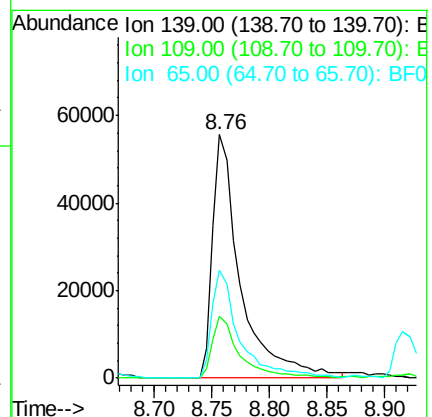
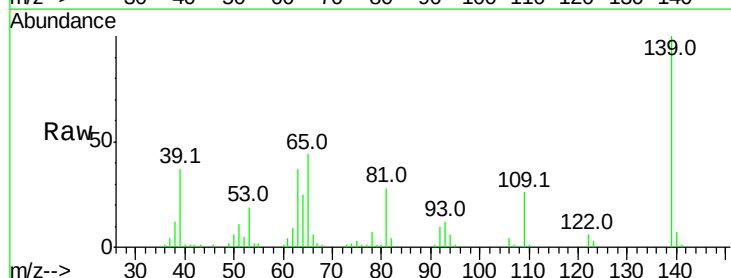
Tgt Ion:139 Resp: 94494

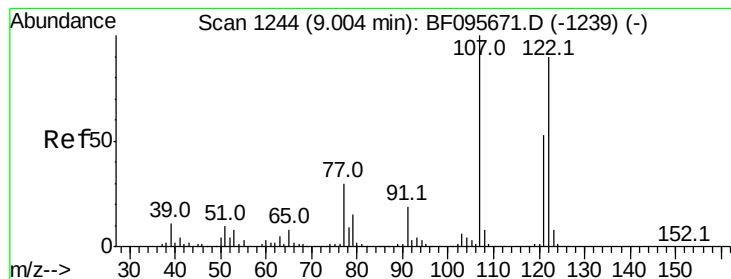
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 44.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.19 ng

RT: 8.92 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

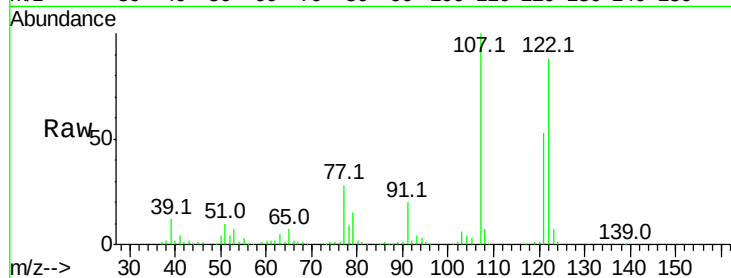
Tot Ion:122 Resp: 204374

Ion Ratio Lower Upper

122 100

107 113.3 89.2 133.8

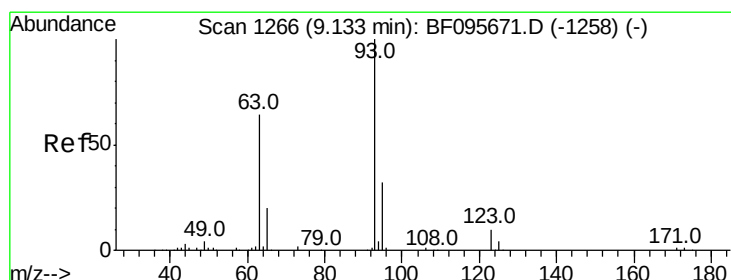
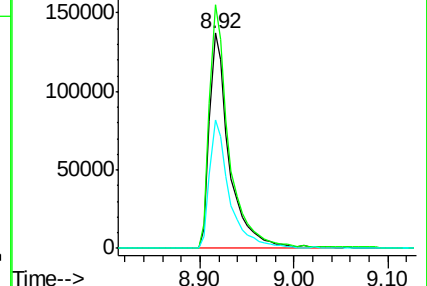
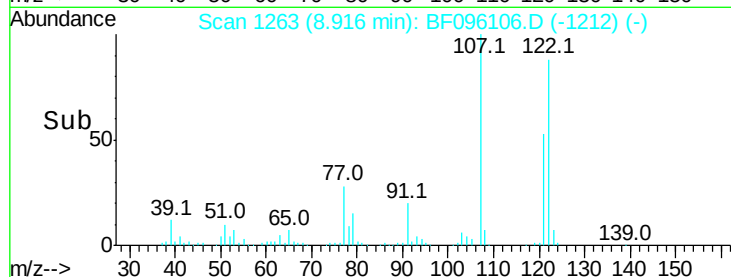
121 59.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.85 ng

RT: 9.03 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

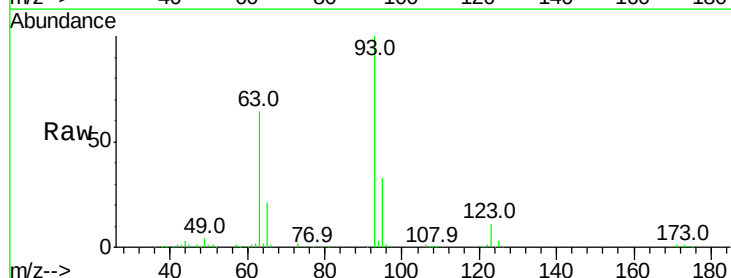
Tgt Ion: 93 Resp: 274427

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

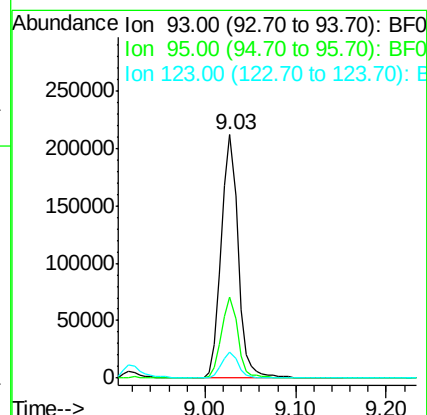
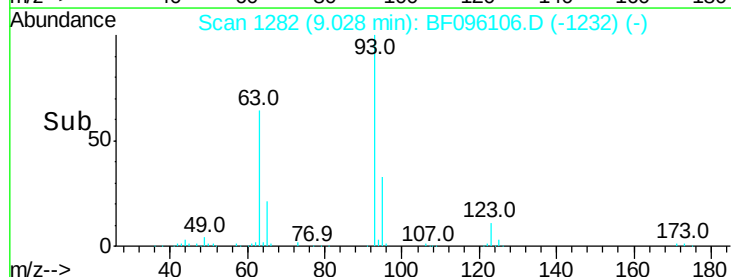
123 10.5 9.0 13.4

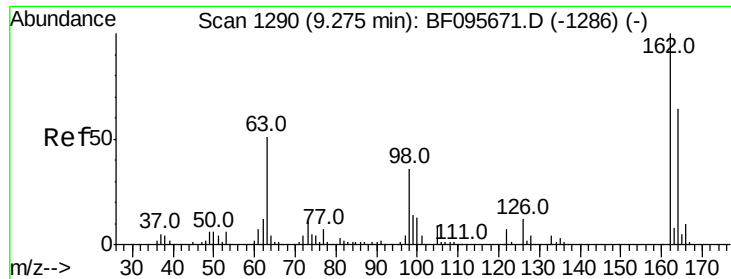


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

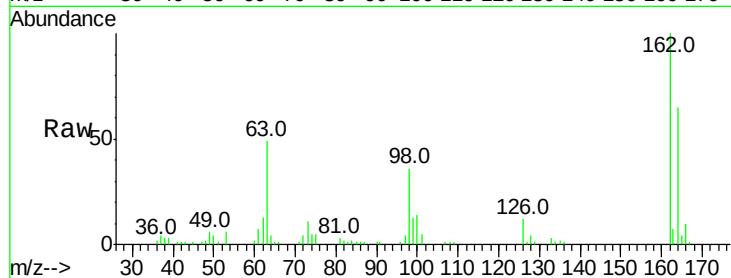




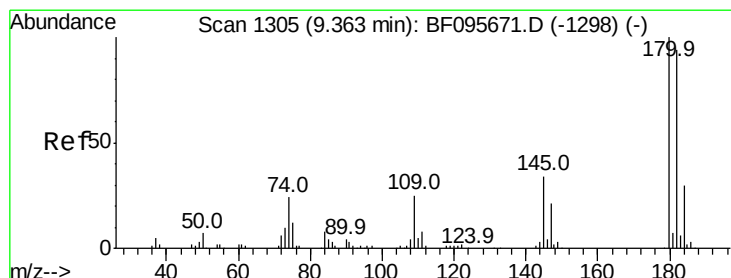
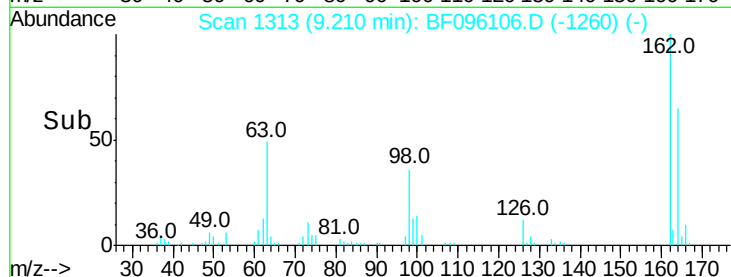
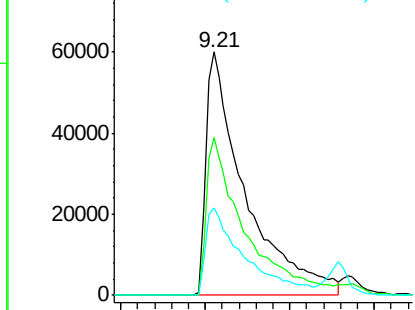
#29
 2,4-Dichlorophenol
 Concen: 43.34 ng
 RT: 9.21 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.8	14.8	54.8

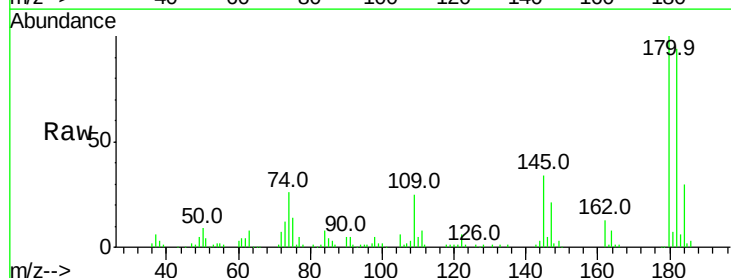


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

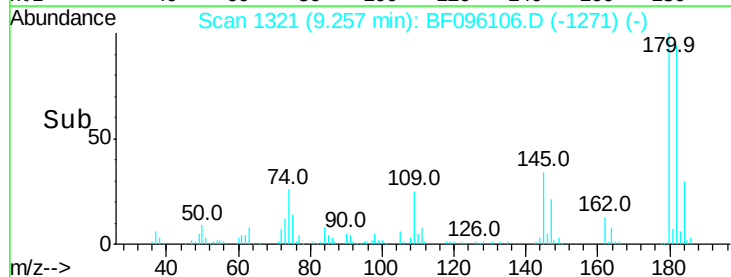
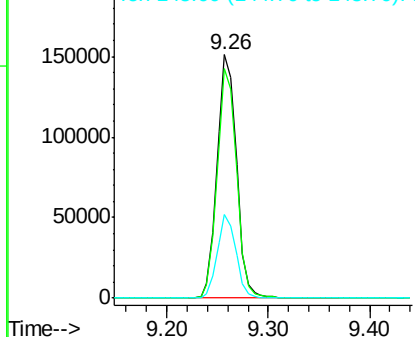


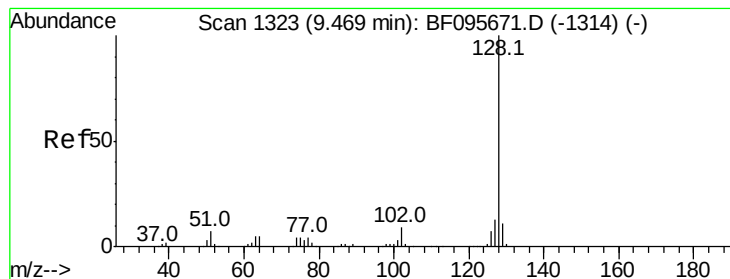
#30
 1,2,4-Trichlorobenzene
 Concen: 43.44 ng
 RT: 9.26 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	34.1	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: 44.15 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

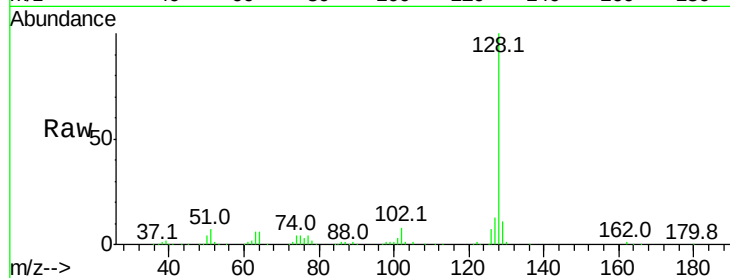
Tot Ion:128 Resp: 733236

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

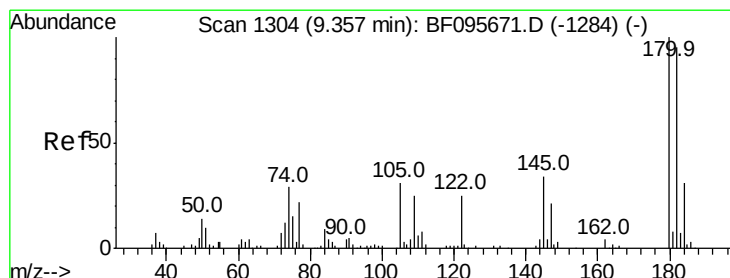
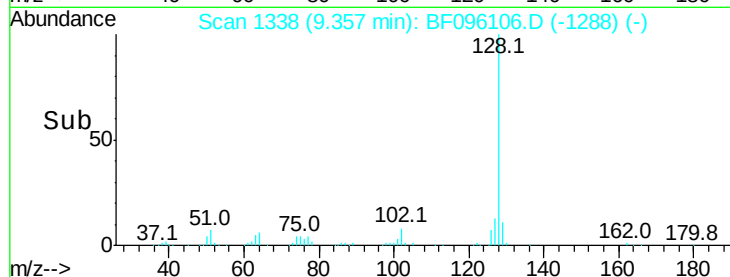
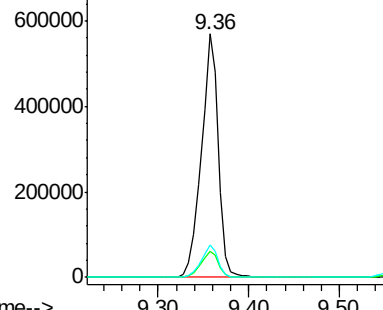
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.02 ng

RT: 9.28 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

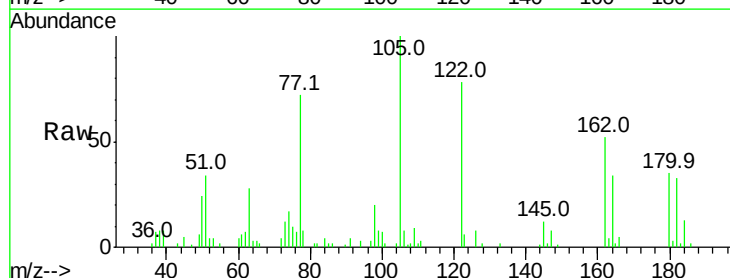
Tgt Ion:122 Resp: 44990

Ion Ratio Lower Upper

122 100

105 129.0 103.3 143.3

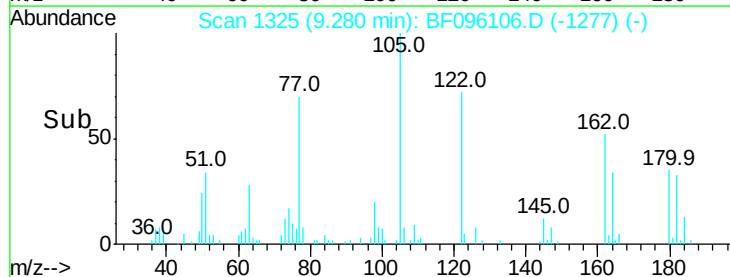
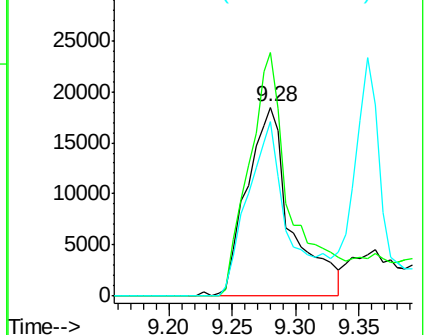
77 92.6 73.7 113.7

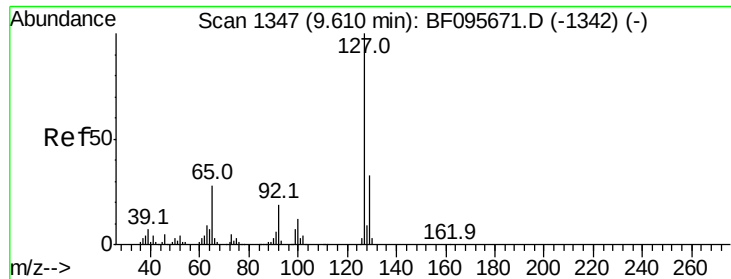


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

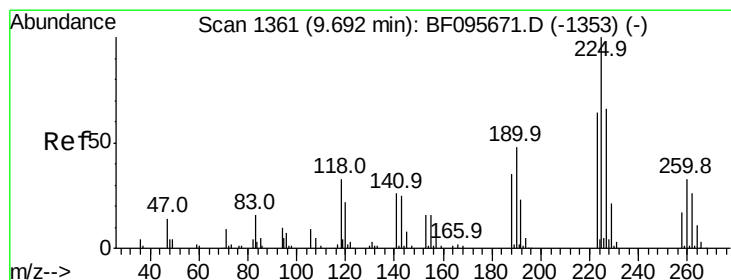
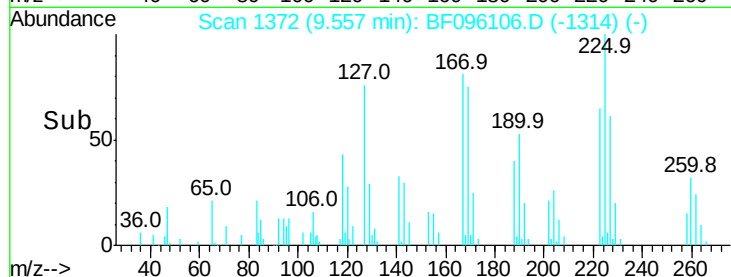
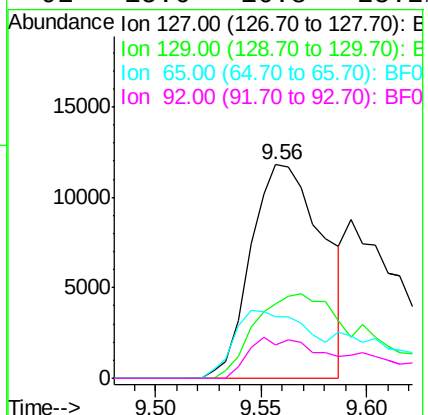
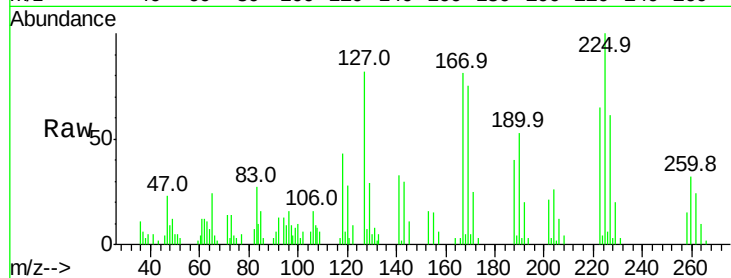




#33
4-Chloroaniline
Concen: 4.33 ng
RT: 9.56 min Scan# 1372
Delta R.T. 0.04 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

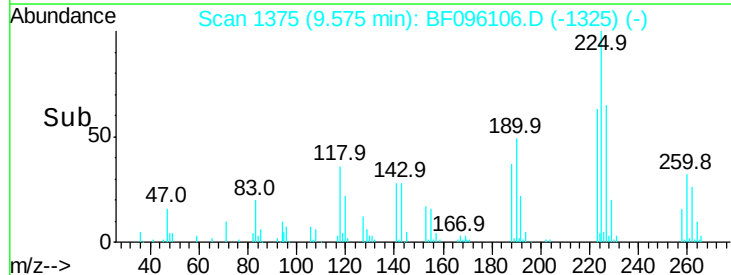
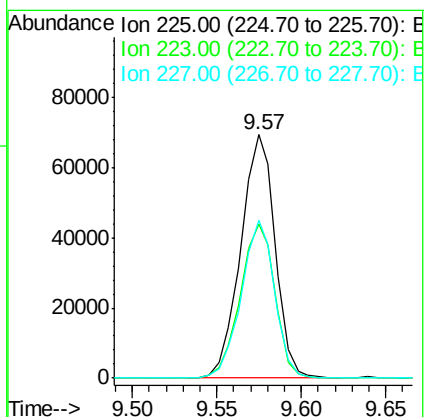
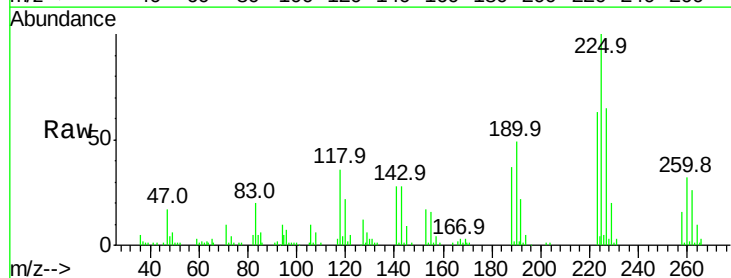
Instrument :
BNA_F
ClientSampleId :

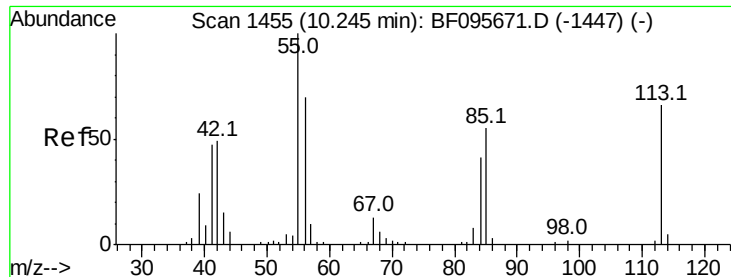
Tot Ion:	127	Resp:	28111
Ion	Ratio	Lower	Upper
127	100		
129	35.0	26.2	39.2
65	28.6	27.8	41.8
92	15.6	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 41.06 ng
RT: 9.57 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:	225	Resp:	98330
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	64.9	51.1	76.7





#35

Caprolactam

Concen: 34.46 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

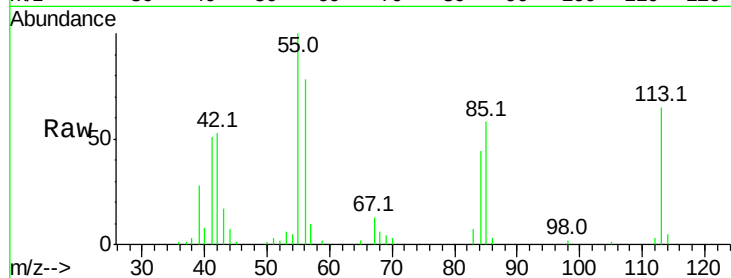
Tot Ion:113 Resp: 45676

Ion Ratio Lower Upper

113 100

55 153.5 150.2 190.2

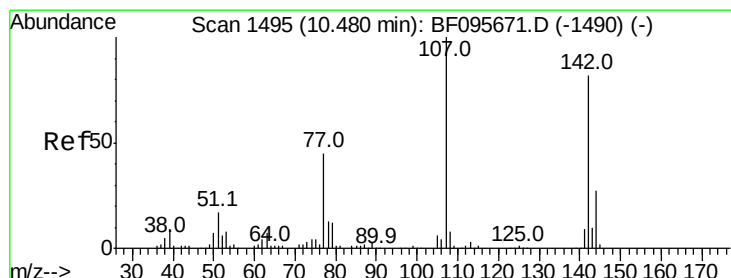
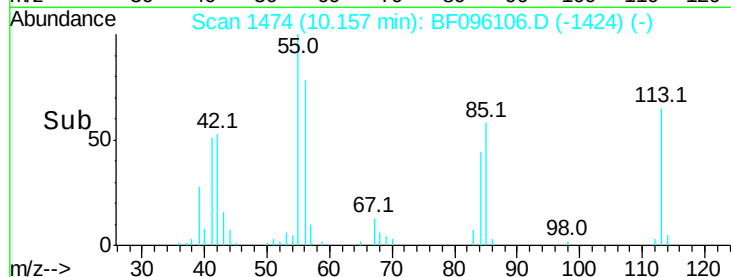
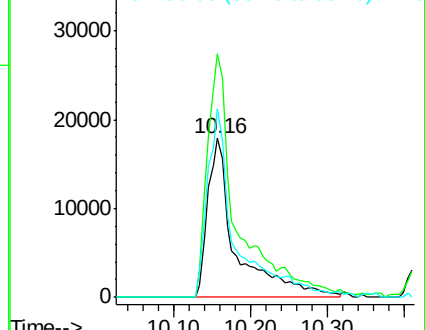
56 119.0 107.8 147.8



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: 42.96 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

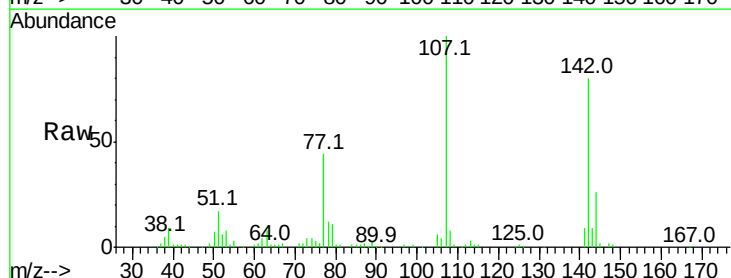
Tgt Ion:107 Resp: 200309

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

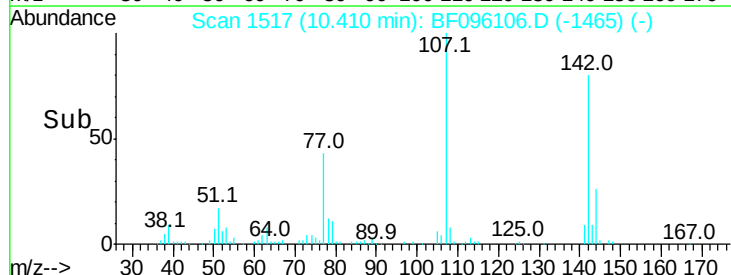
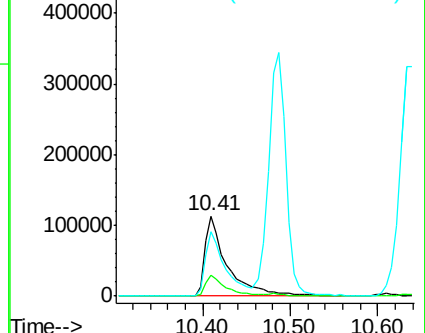
142 79.9 73.4 110.0

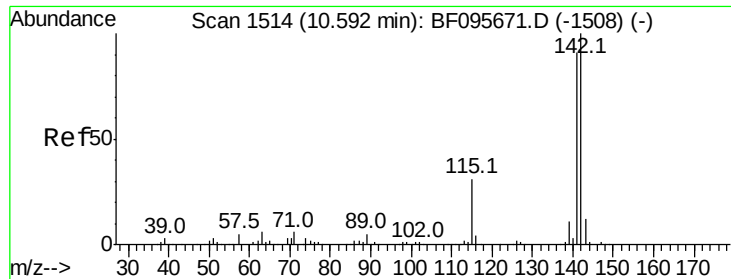


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

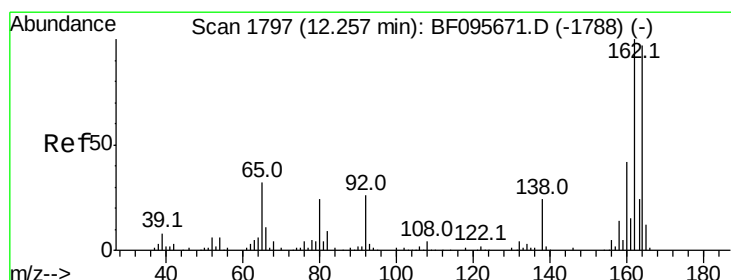
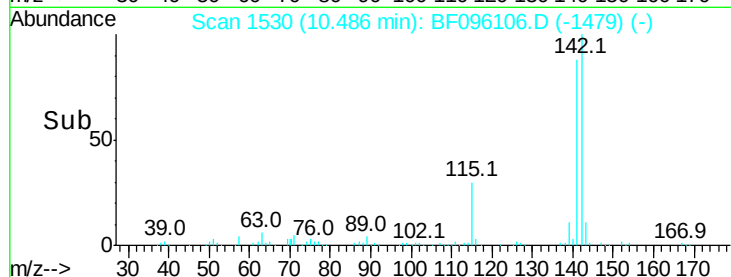
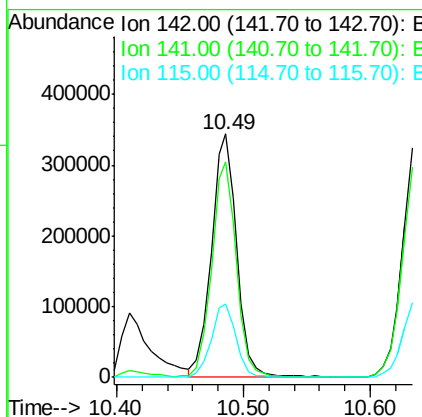
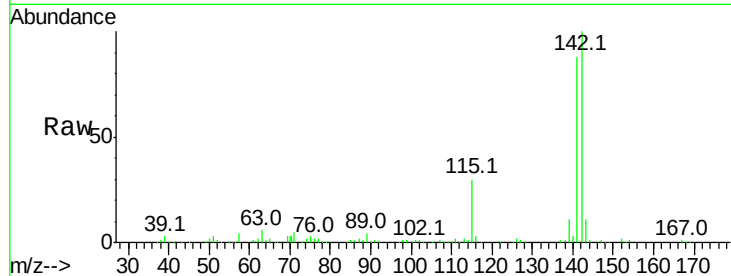




#37
2-Methylnaphthalene
Concen: 42.80 ng
RT: 10.49 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

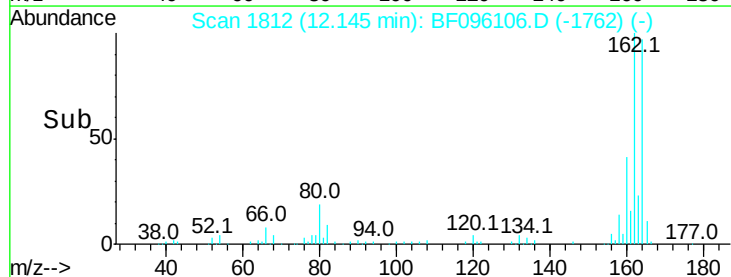
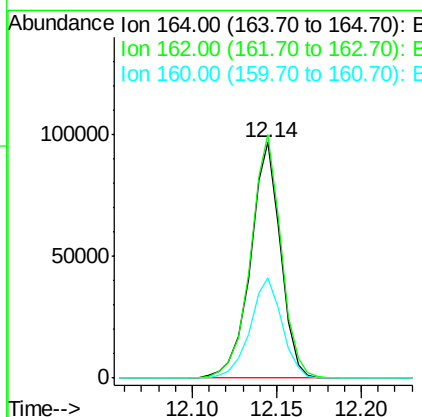
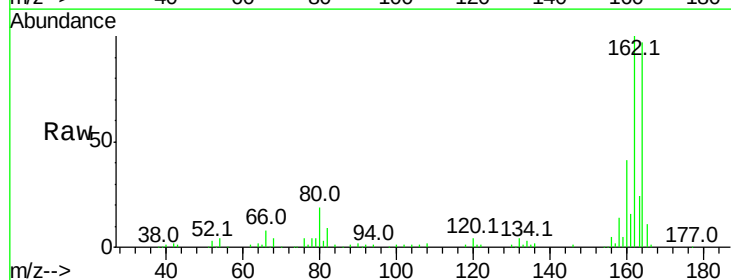
Instrument :
BNA_F
ClientSampled :

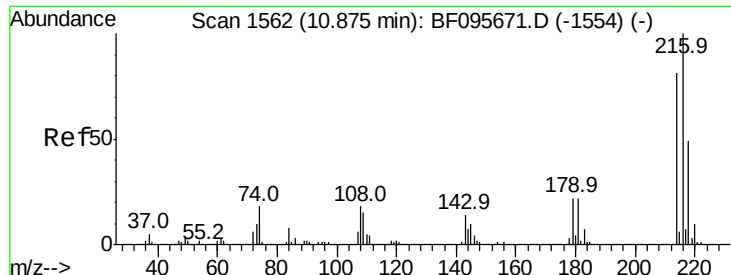
Tot Ion:142 Resp: 480236
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 30.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:164 Resp: 119614
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 42.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.76 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 181707

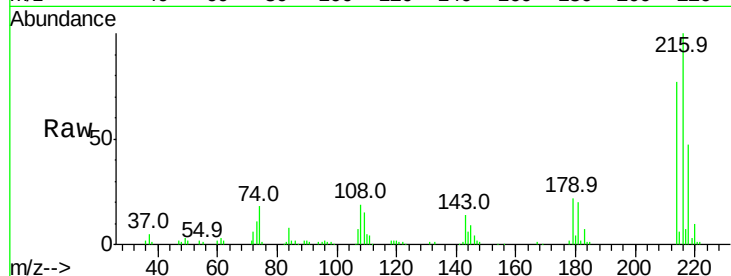
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 21.9 17.9 26.9

108 18.5 16.5 24.7

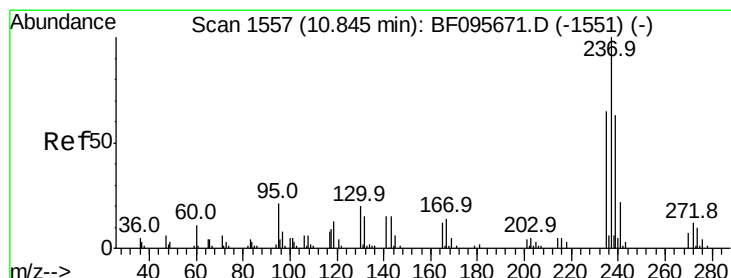
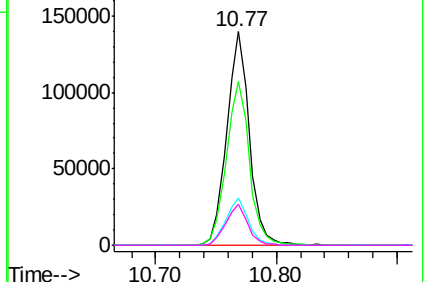
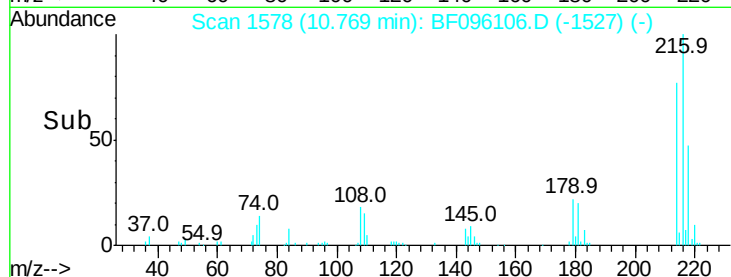


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.19 ng

RT: 10.73 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

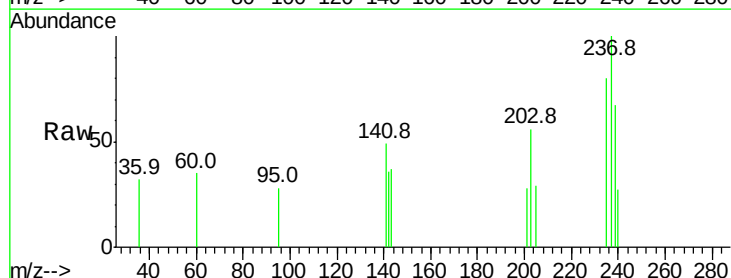
Tgt Ion:237 Resp: 1237

Ion Ratio Lower Upper

237 100

235 80.4 42.6 82.6

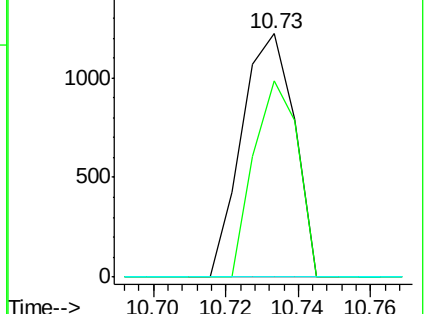
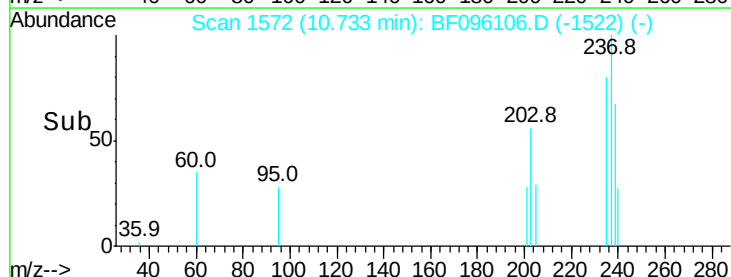
272 0.0 0.0 31.9

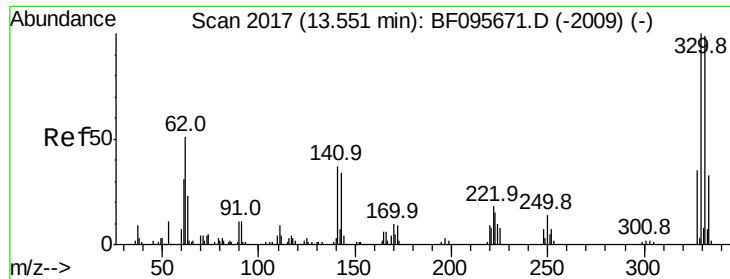


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

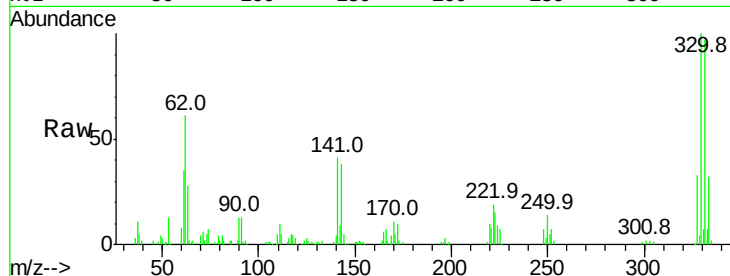




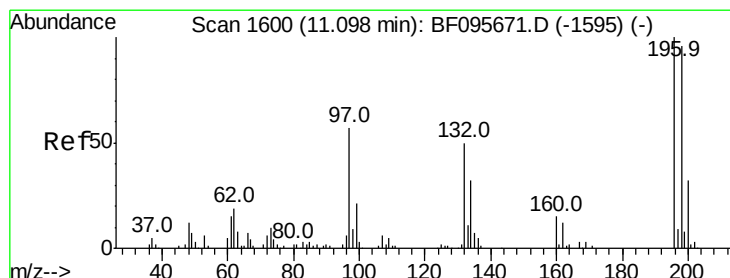
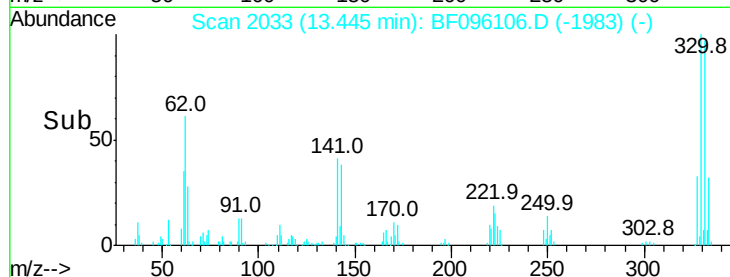
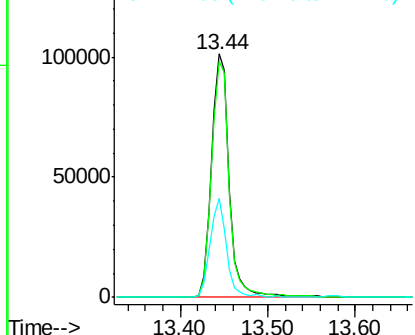
#41
 2,4,6-Tribromophenol
 Concen: 135.50 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	37.4	31.4	47.2

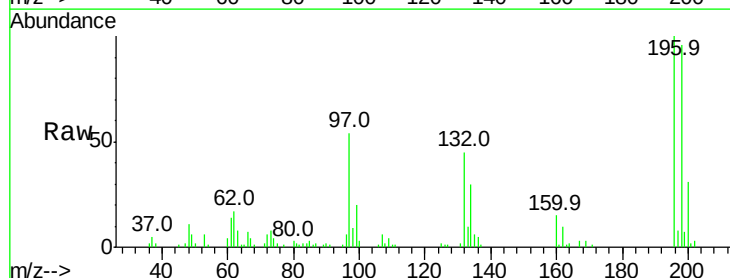


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

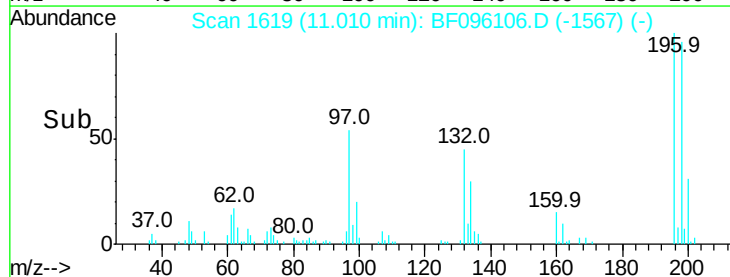
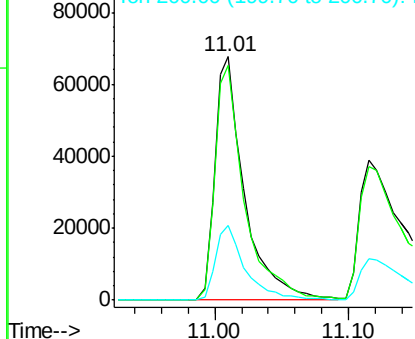


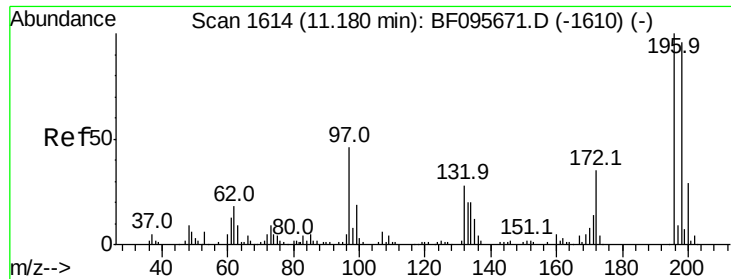
#42
 2,4,6-Trichlorophenol
 Concen: 45.83 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.2	111.4
200	30.9	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

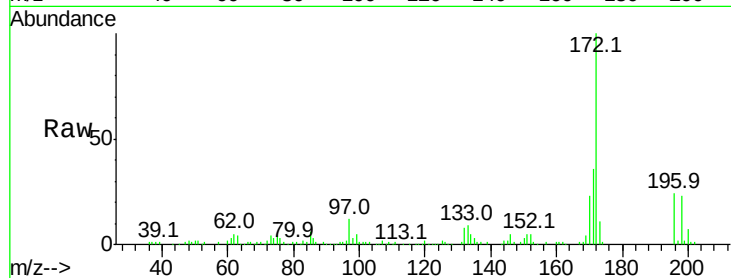




#43
 2,4,5-Trichlorophenol
 Concen: 42.01 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
97	50.1	47.7	71.5
132	33.4	28.0	42.0



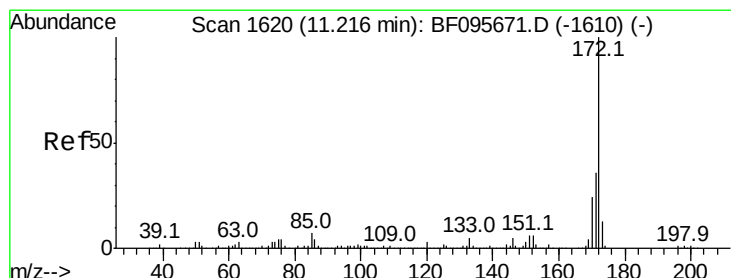
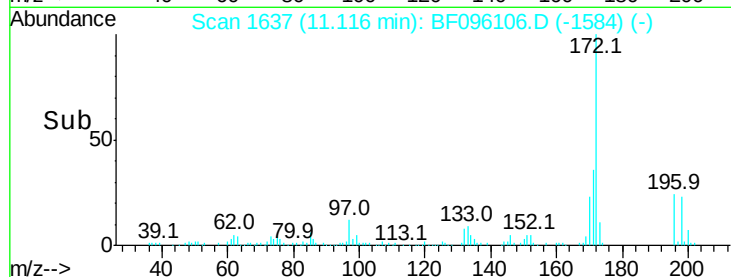
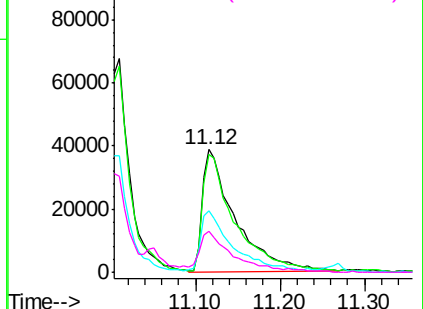
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

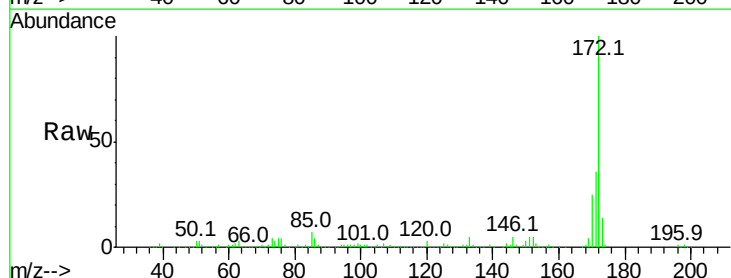
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.17 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8

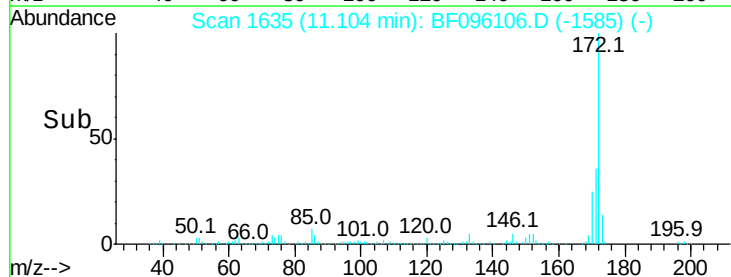
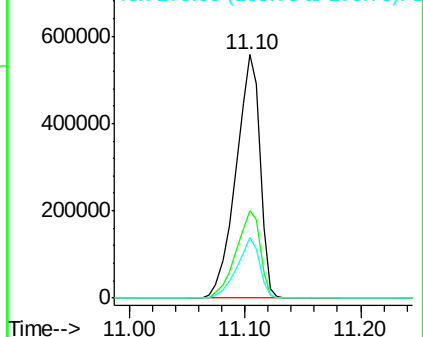


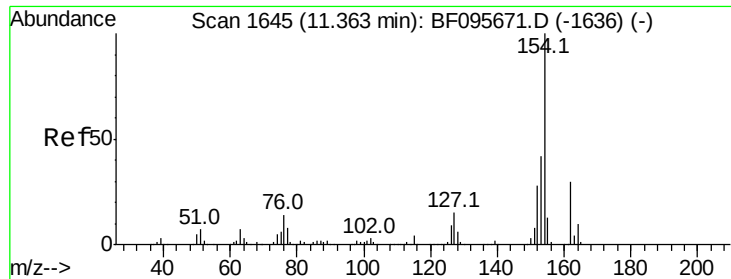
Abundance

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

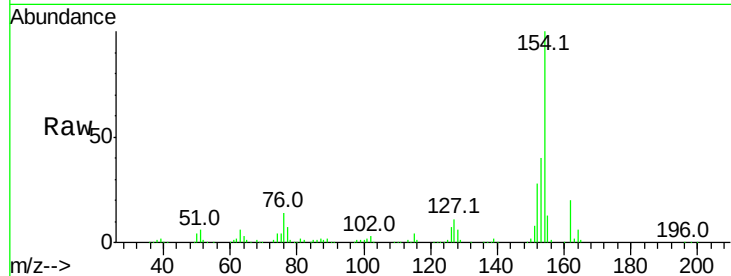




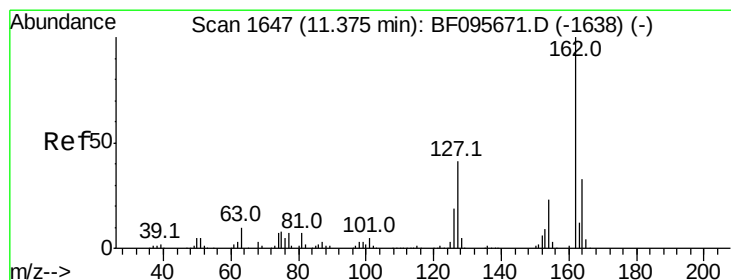
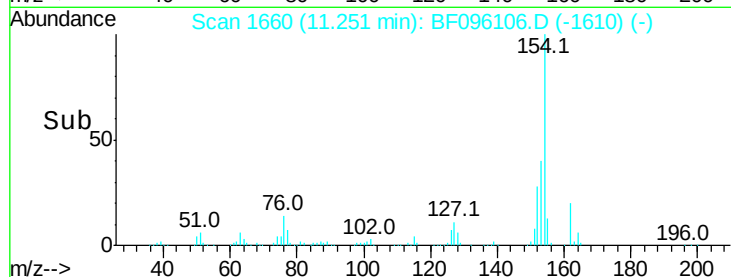
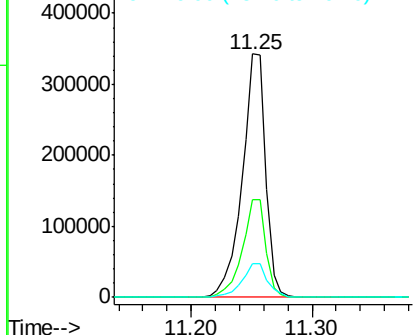
#45
1,1'-Biphenyl
Concen: 47.09 ng
RT: 11.25 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.8	0.0	29.9

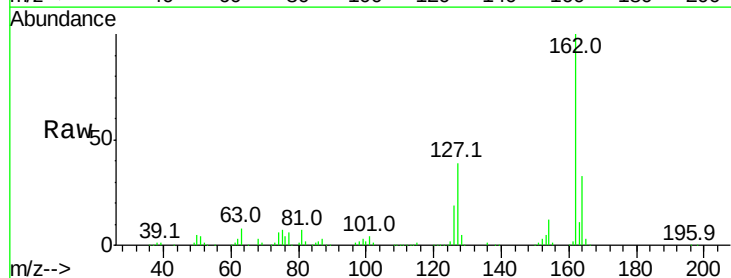


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

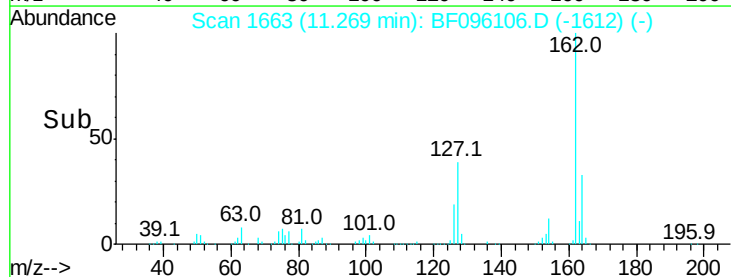
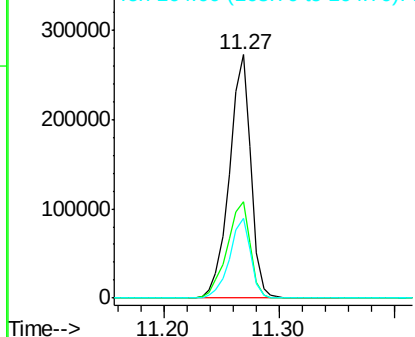


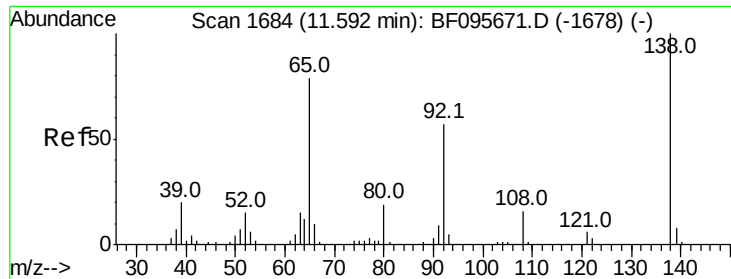
#46
2-Chloronaphthalene
Concen: 45.36 ng
RT: 11.27 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	28.3	42.5
164	32.6	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

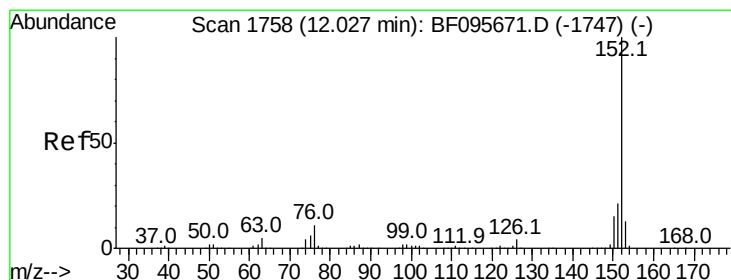
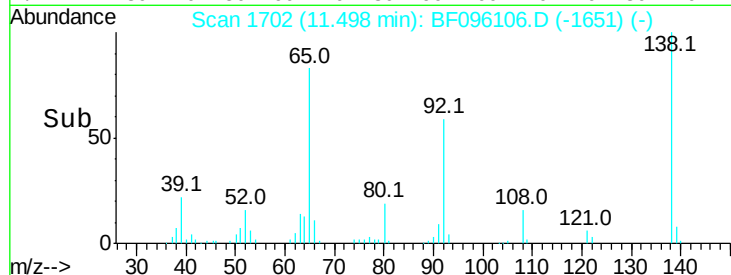
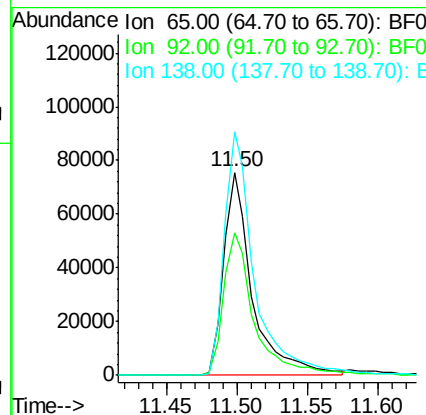
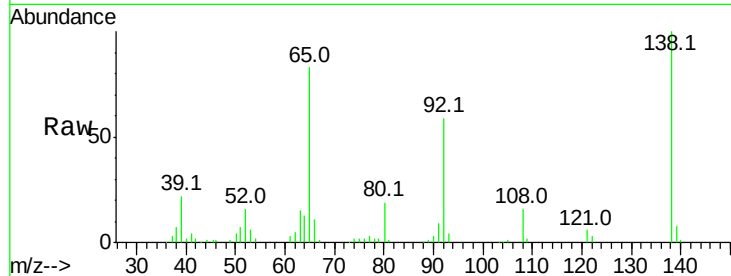




#47
2-Nitroaniline
Concen: 47.80 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

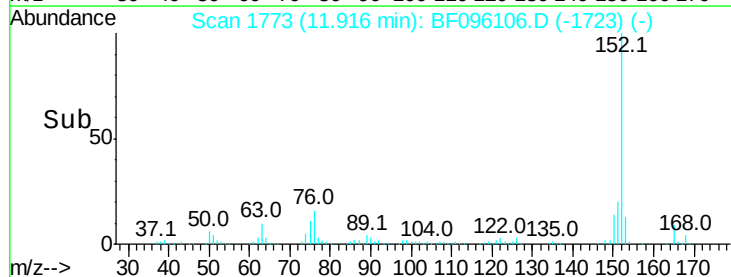
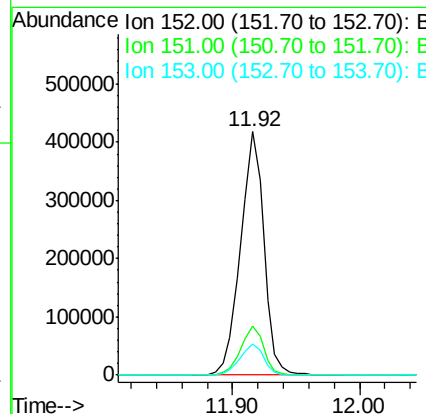
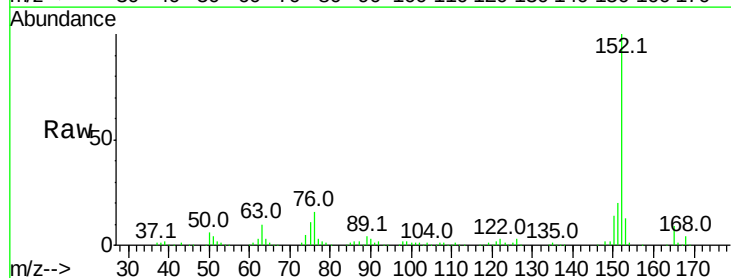
Instrument :
BNA_F
ClientSampleId :

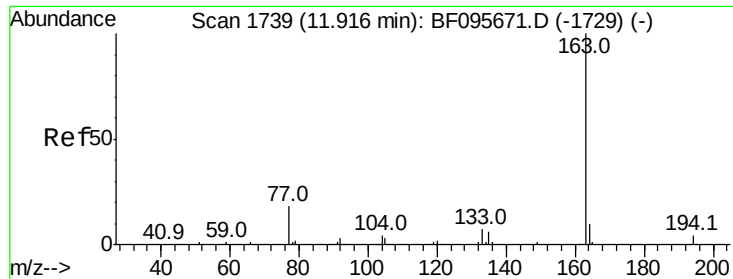
Tot Ion: 65 Resp: 107749
Ion Ratio Lower Upper
65 100
92 70.3 53.9 80.9
138 120.0 78.8 118.2#



#48
Acenaphthylene
Concen: 40.46 ng
RT: 11.92 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:152 Resp: 532939
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 47.81 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

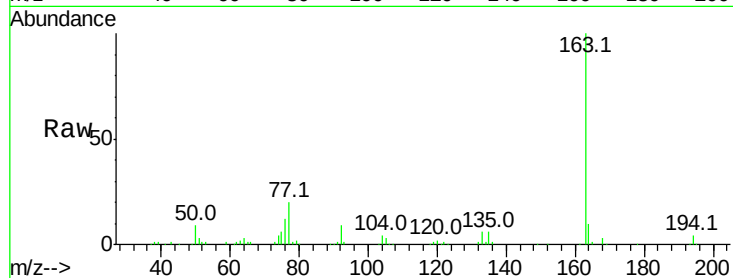
Tot Ion:163 Resp: 434230

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

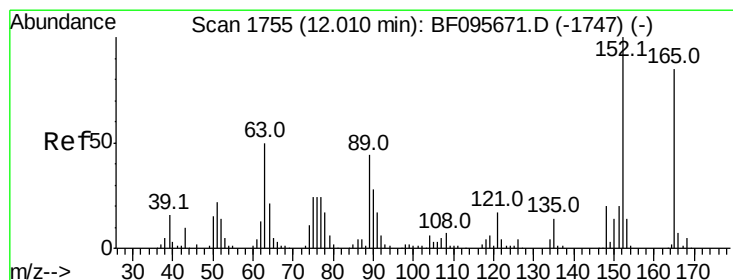
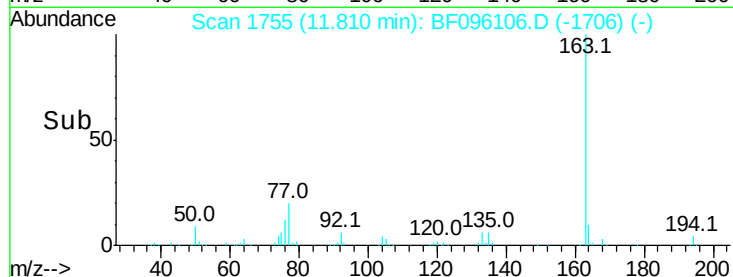
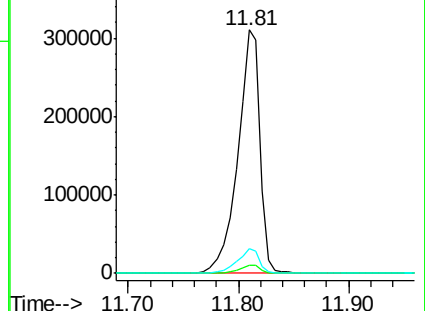
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.75 ng

RT: 11.91 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

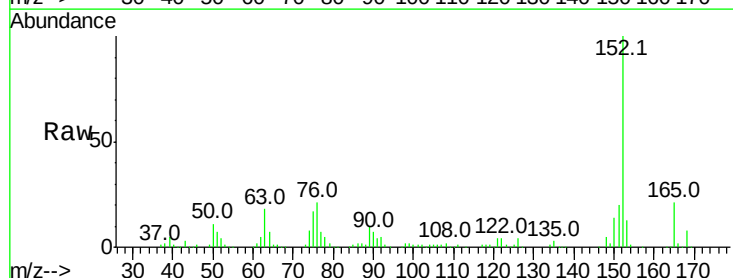
Tgt Ion:165 Resp: 74782

Ion Ratio Lower Upper

165 100

63 84.5 34.3 51.5#

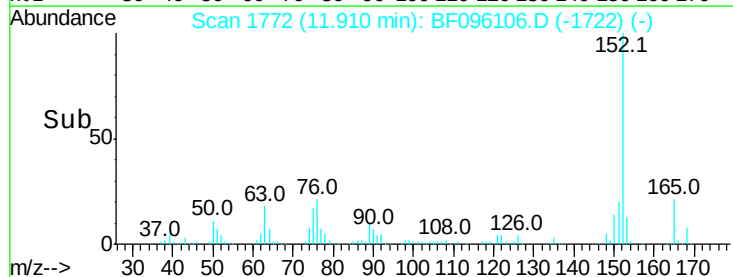
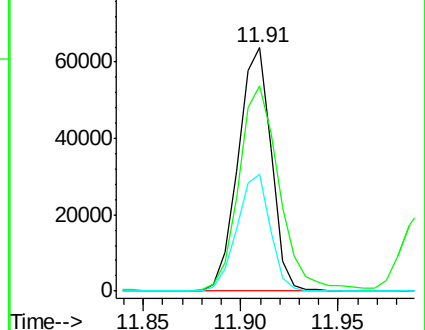
89 47.8 37.1 55.7

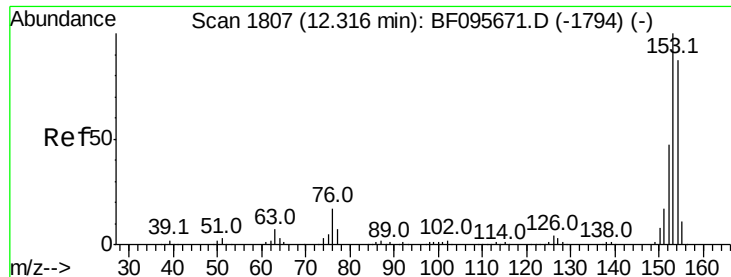


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.04 ng

RT: 12.20 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

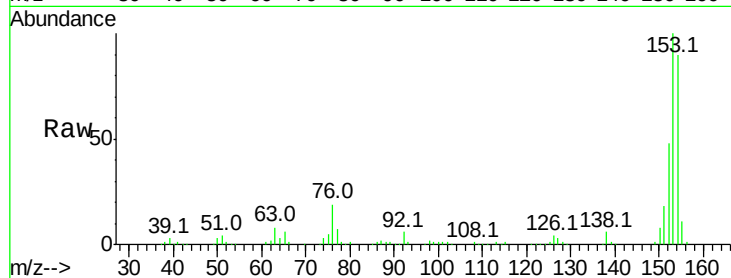
Tot Ion:154 Resp: 327419

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

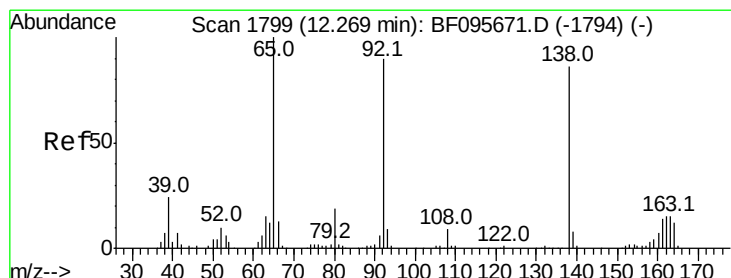
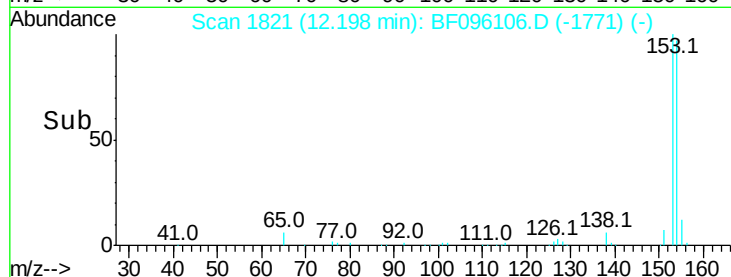
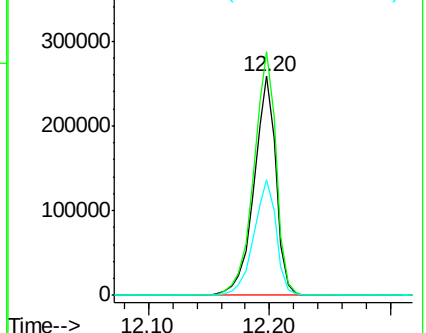
152 52.9 43.6 65.4



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: 30.44 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

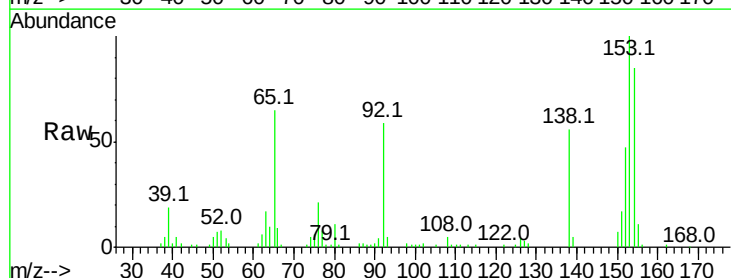
Tgt Ion:138 Resp: 70260

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

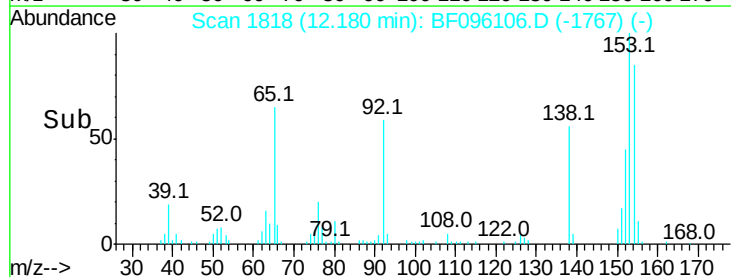
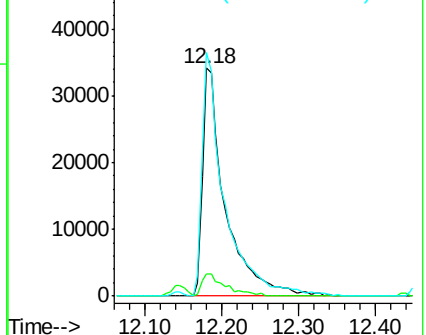
92 106.7 93.8 140.6

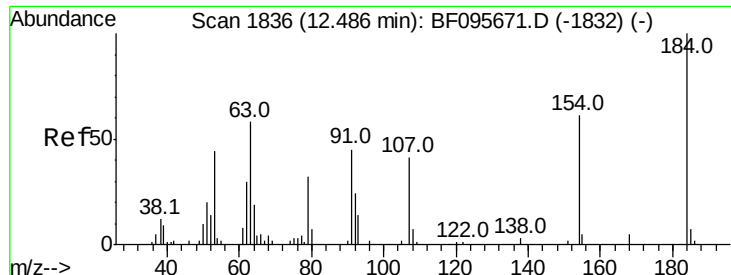


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

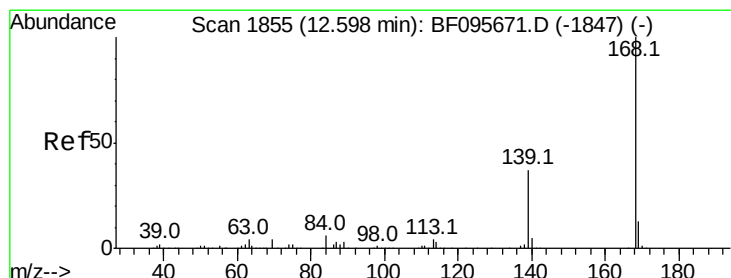
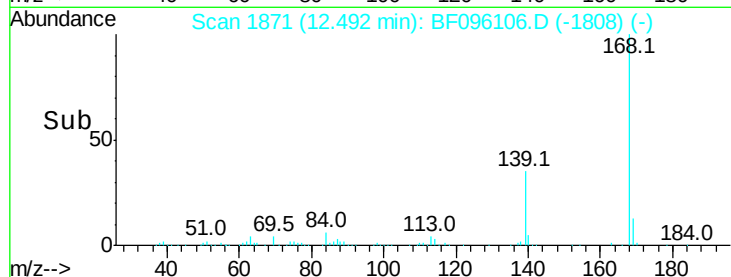
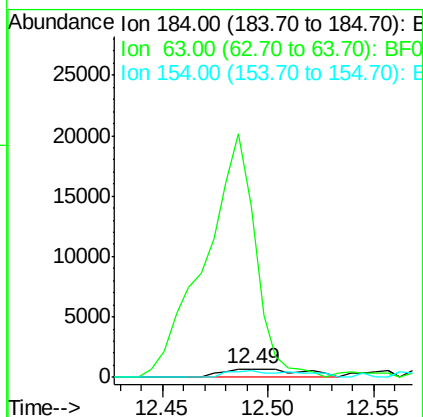
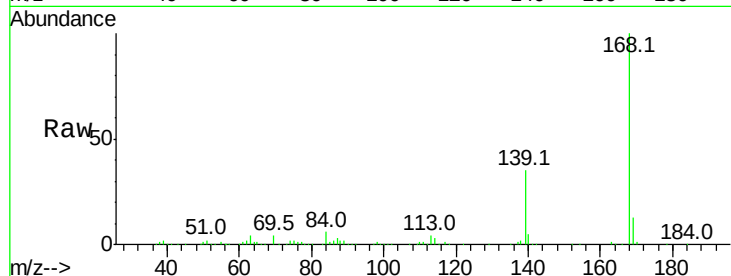




#53
 2,4-Dinitrophenol
 Concen: 8.02 ng
 RT: 12.49 min Scan# 1871
 Delta R.T. 0.07 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

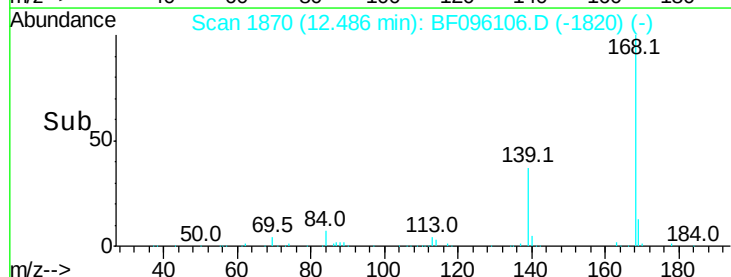
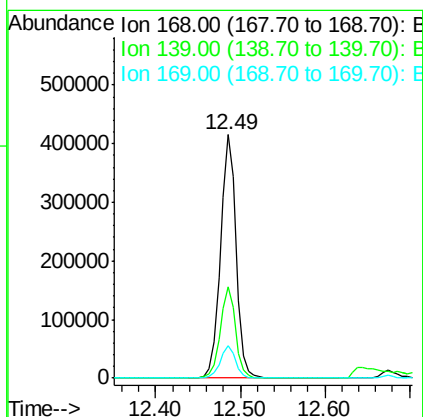
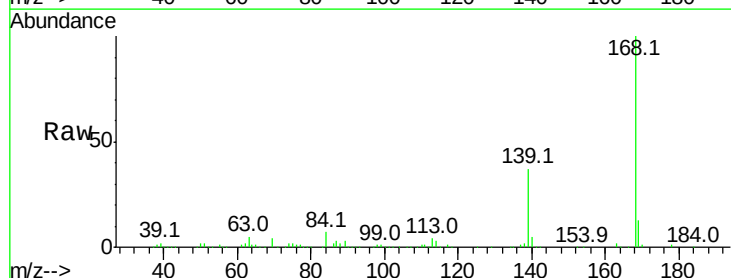
Instrument :
 BNA_F
 ClientSampled :

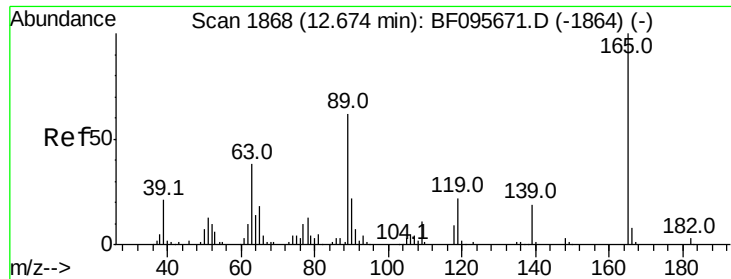
Tot Ion:184 Resp: 1887
 Ion Ratio Lower Upper
 184 100
 63 1970.2 62.7 94.1#
 154 76.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 50.01 ng
 RT: 12.49 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion:168 Resp: 535421
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.6 45.8
 169 13.5 10.8 16.2

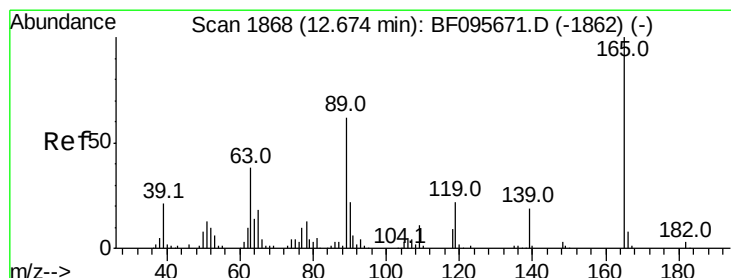
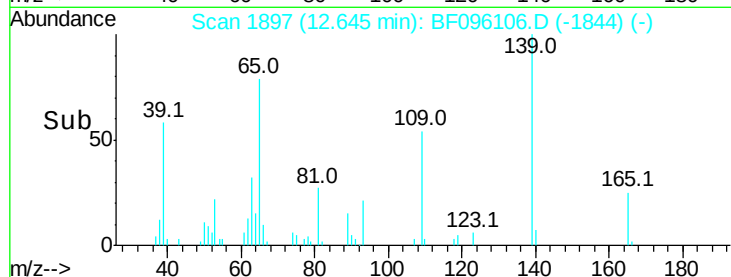
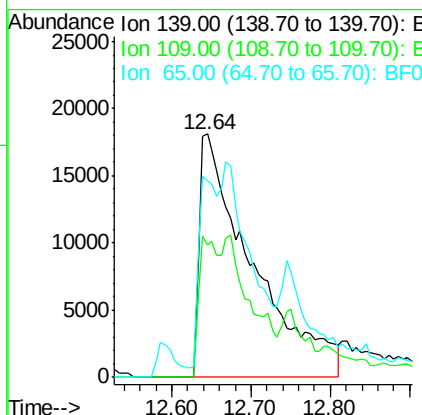
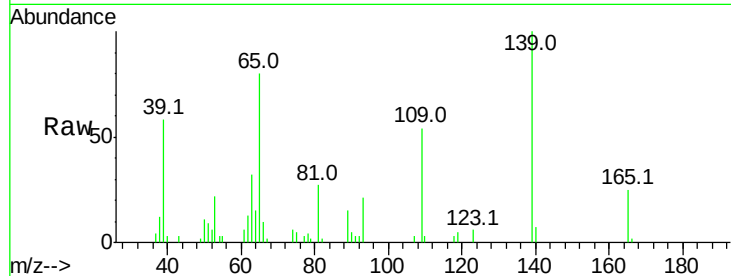




#55
4-Nitrophenol
Concen: 63.13 ng
RT: 12.64 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

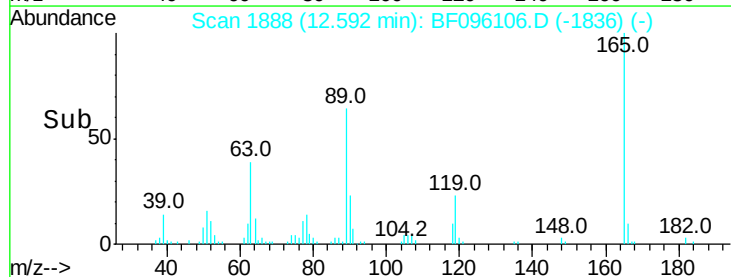
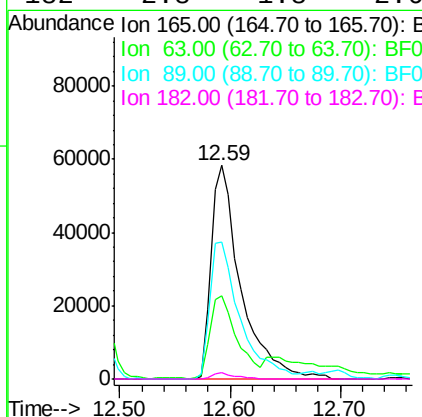
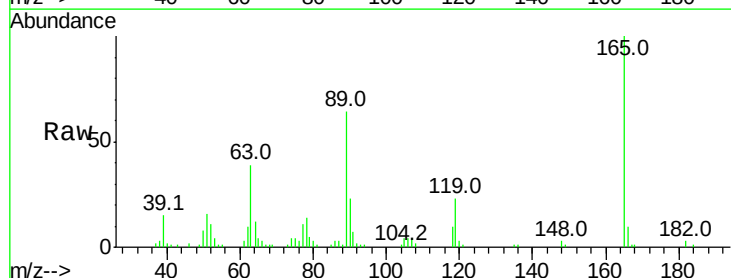
Instrument :
BNA_F
ClientSampled :

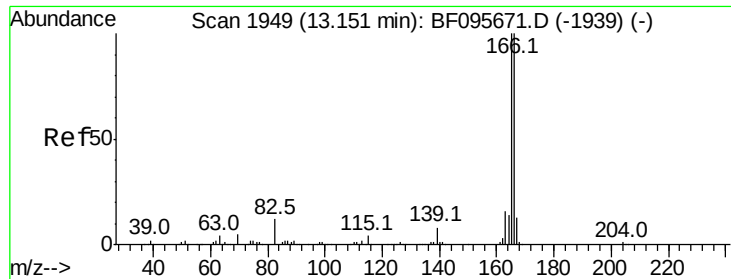
Tot Ion:139 Resp: 83680
Ion Ratio Lower Upper
139 100
109 54.2 34.1 74.1
65 80.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.37 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:165 Resp: 108008
Ion Ratio Lower Upper
165 100
63 38.9 25.4 38.0#
89 64.1 46.4 69.6
182 2.8 1.8 2.6#

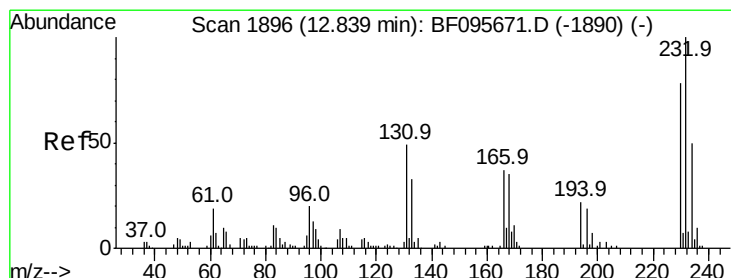
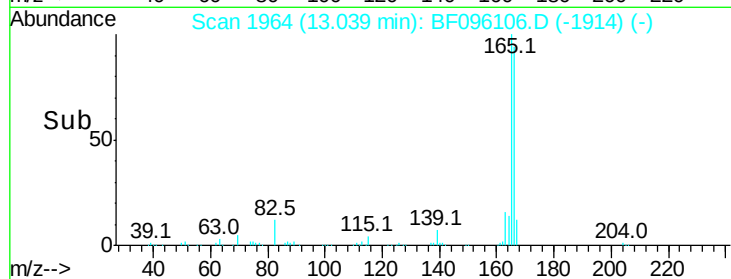
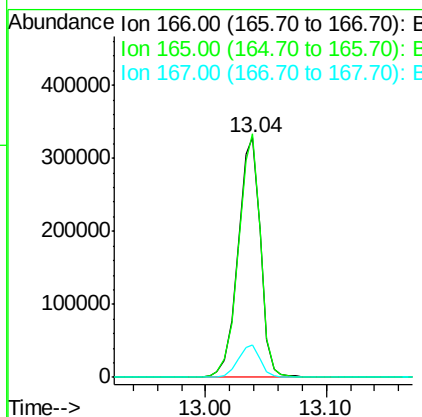
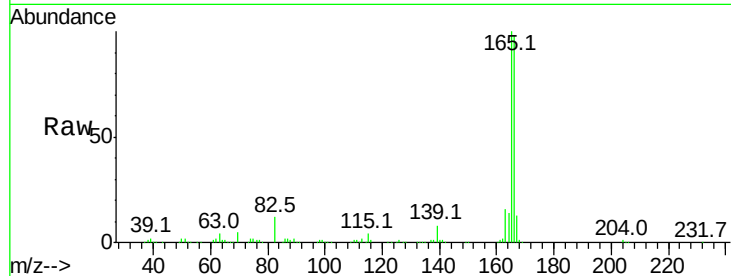




#57
 Fluorene
 Concen: 45.54 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

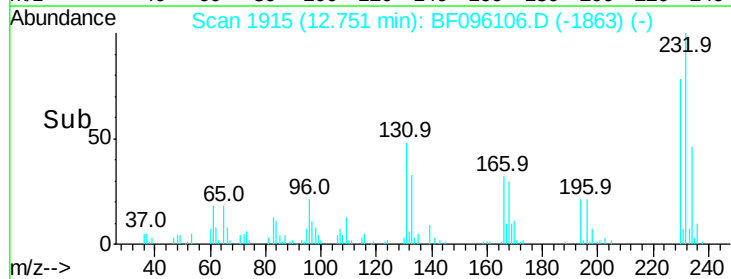
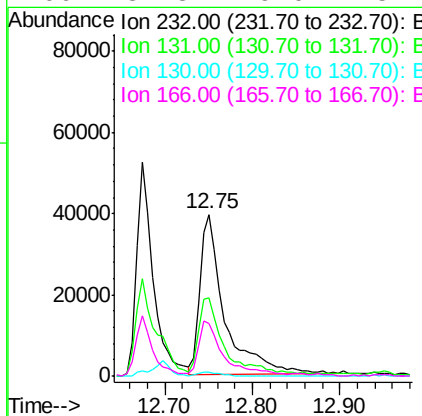
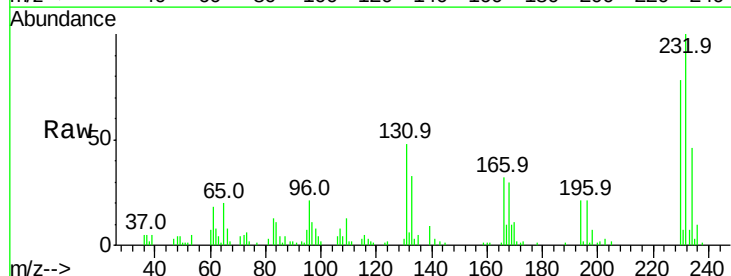
Instrument :
 BNA_F
 ClientSampleId :

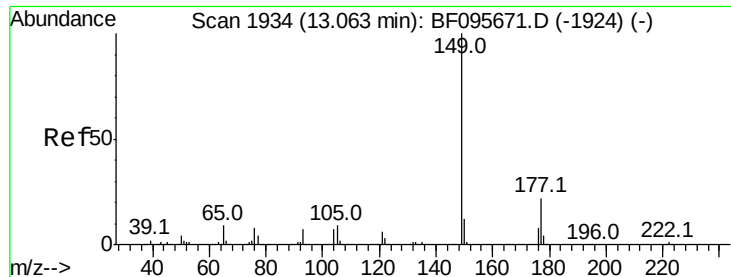
Tot Ion:166 Resp: 424326
 Ion Ratio Lower Upper
 166 100
 165 101.7 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.17 ng
 RT: 12.75 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion:232 Resp: 77338
 Ion Ratio Lower Upper
 232 100
 131 48.3 44.8 67.2
 130 2.3 2.3 3.5#
 166 31.3 29.0 43.4

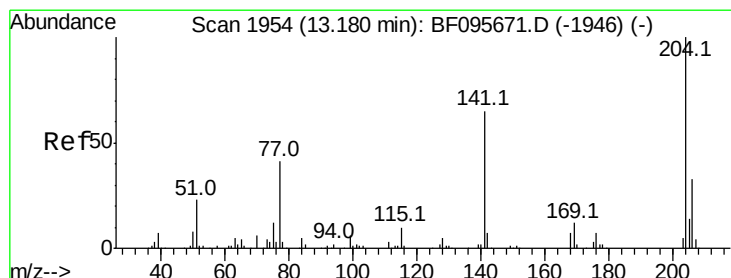
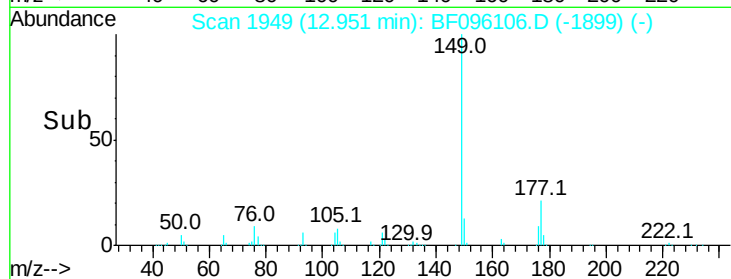
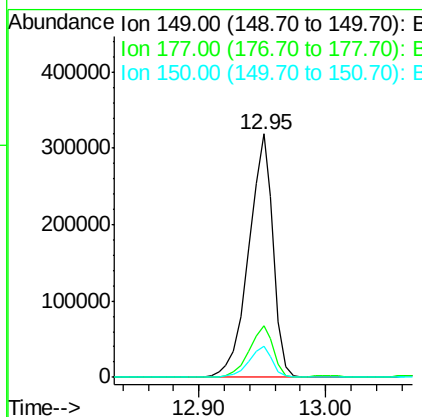
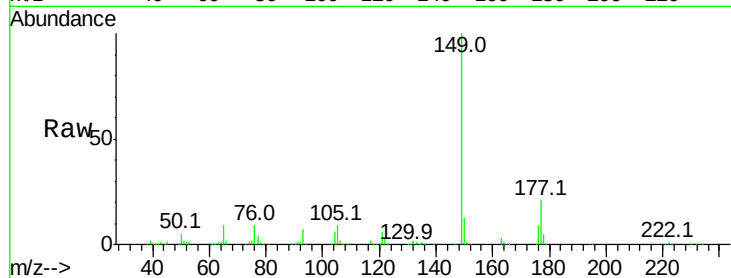




#59
Diethylphthalate
Concen: 48.94 ng
RT: 12.95 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

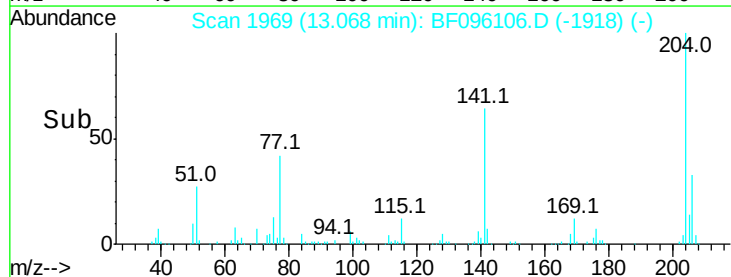
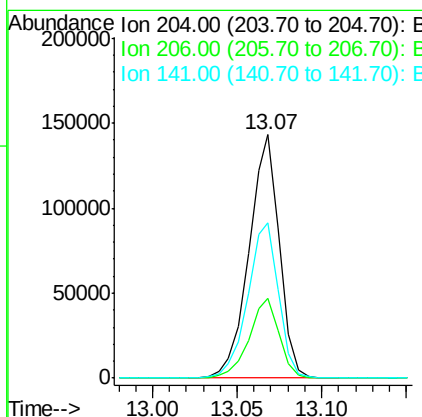
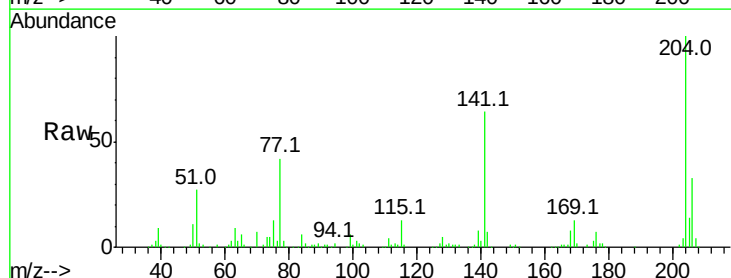
Instrument :
BNA_F
ClientSampleId :

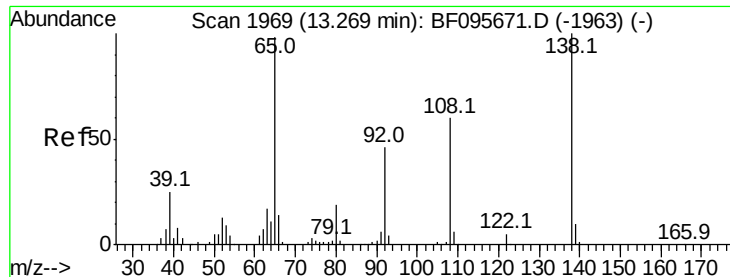
Tot Ion:149 Resp: 427744
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.12 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:204 Resp: 178774
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 63.8 60.8 91.2

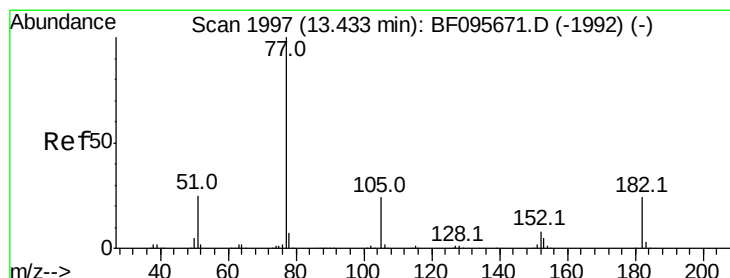
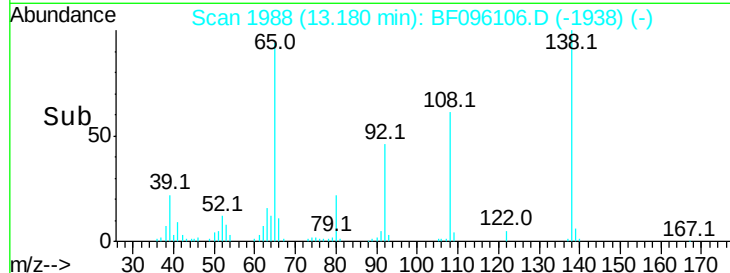
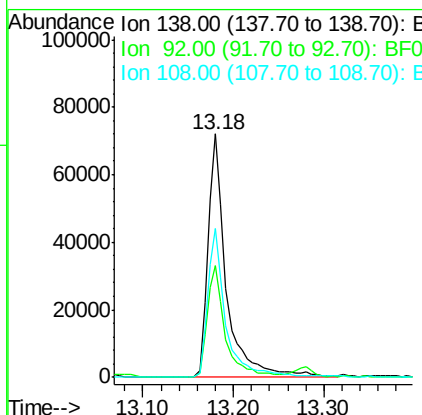
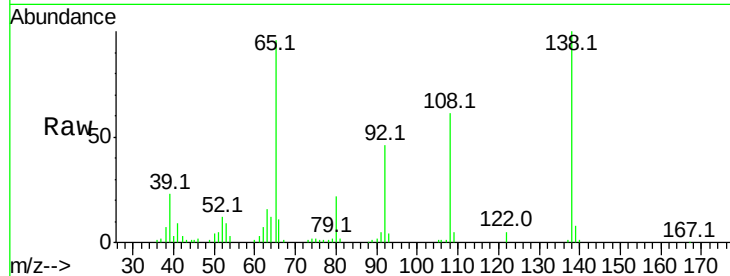




#61
 4-Nitroaniline
 Concen: 48.00 ng
 RT: 13.18 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

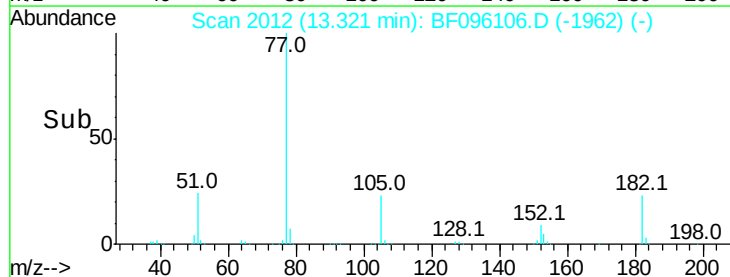
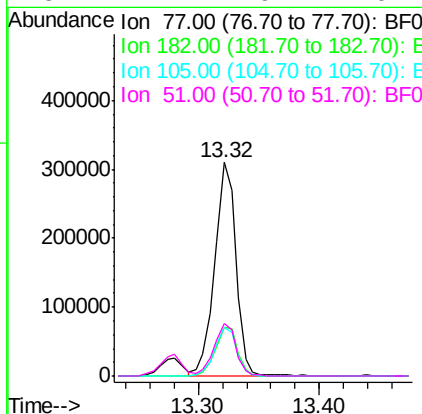
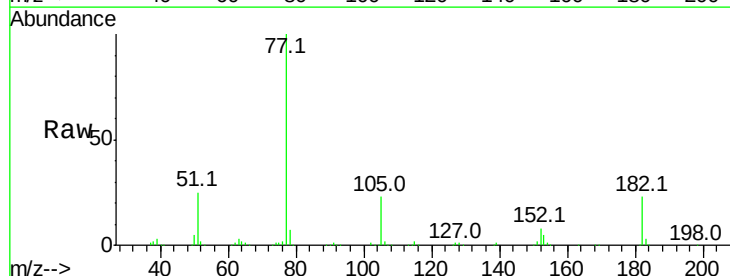
Instrument :
 BNA_F
 ClientSampled :

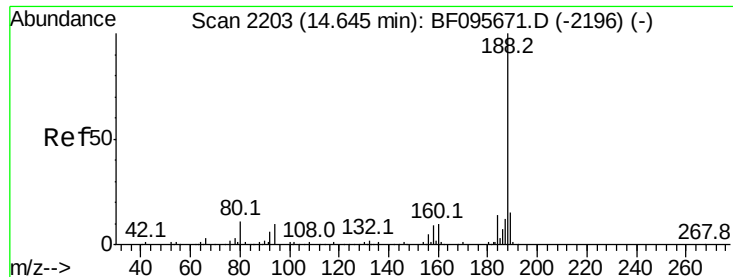
Tot Ion:138 Resp: 103428
 Ion Ratio Lower Upper
 138 100
 92 46.1 21.8 61.8
 108 60.9 42.3 82.3



#62
 Azobenzene
 Concen: 47.25 ng
 RT: 13.32 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion: 77 Resp: 374316
 Ion Ratio Lower Upper
 77 100
 182 22.7 0.1 40.1
 105 22.9 3.6 43.6
 51 24.7 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

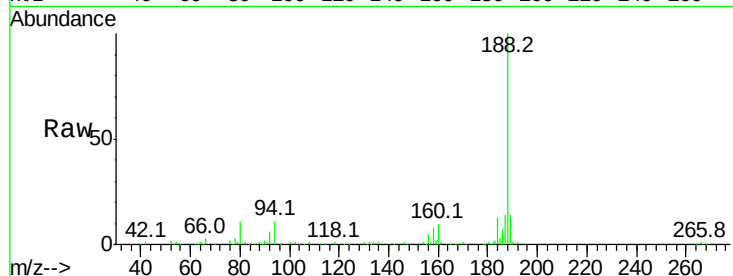
Tot Ion:188 Resp: 209045

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 11.3 10.2 15.2

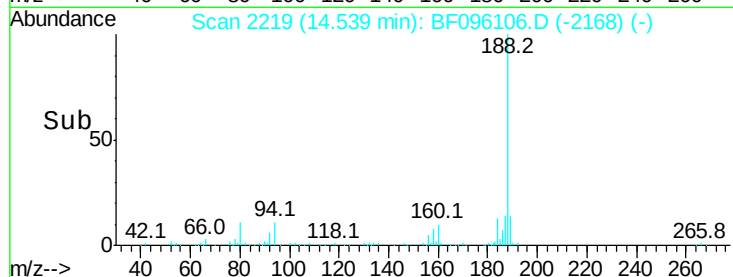


Abundance Ion 188.00 (187.70 to 188.70): E

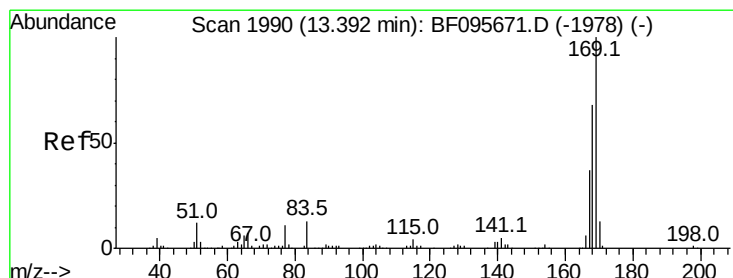
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

14.54



Time-->



#65

n-Nitrosodiphenylamine

Concen: 40.57 ng

RT: 13.28 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

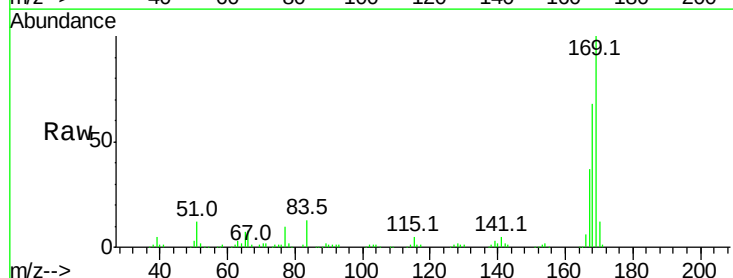
Tgt Ion:169 Resp: 304772

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

167 37.0 29.5 44.3

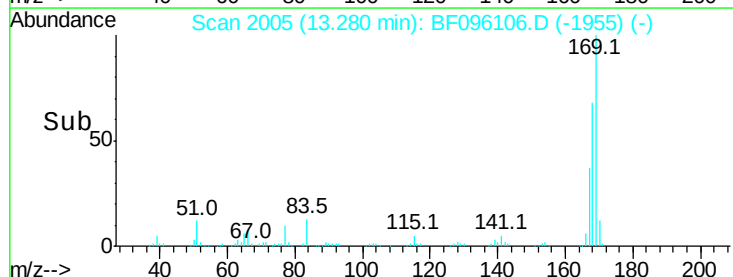


Abundance Ion 169.00 (168.70 to 169.70): E

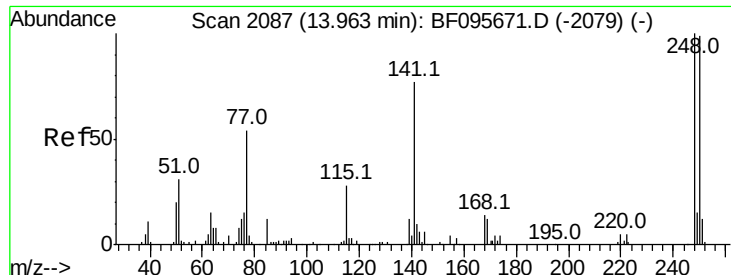
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

13.28



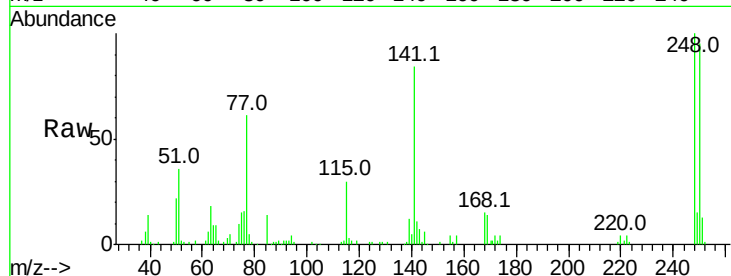
Time-->



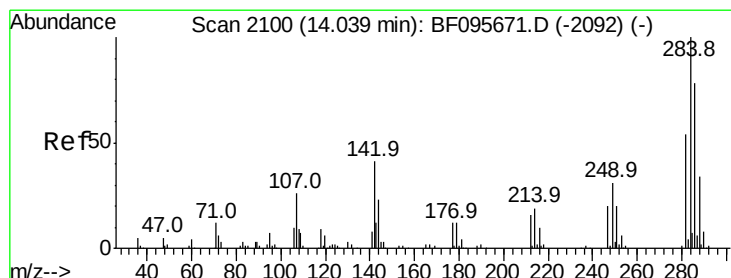
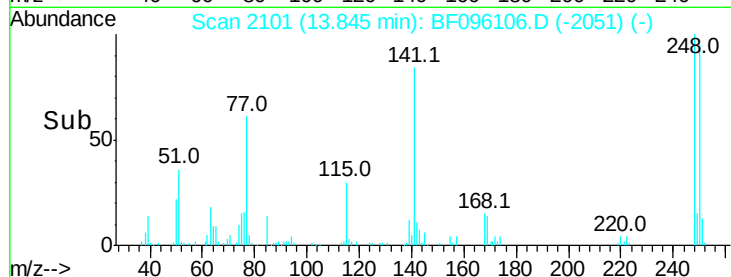
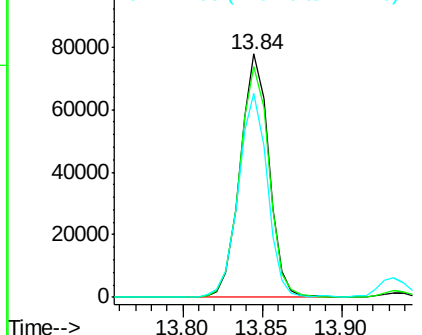
#66
4-Bromophenyl-phenylether
Concen: 45.13 ng
RT: 13.84 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 98051
Ion Ratio Lower Upper
248 100
250 94.8 76.8 115.2
141 83.7 68.6 103.0

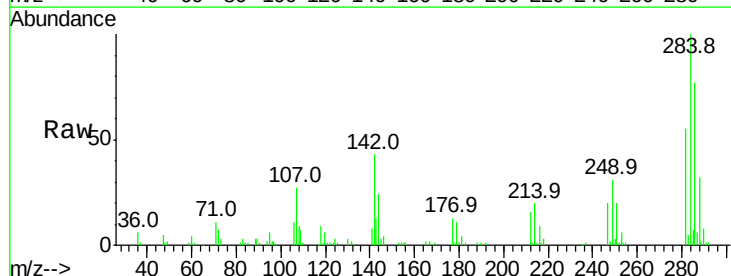


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

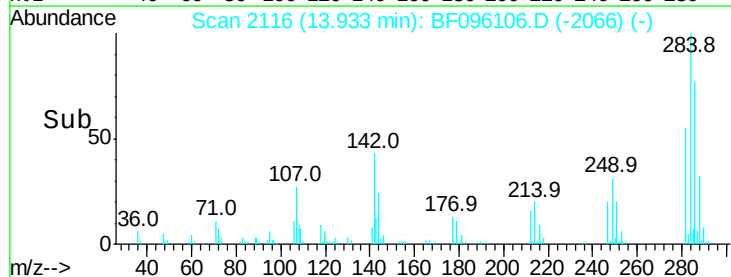
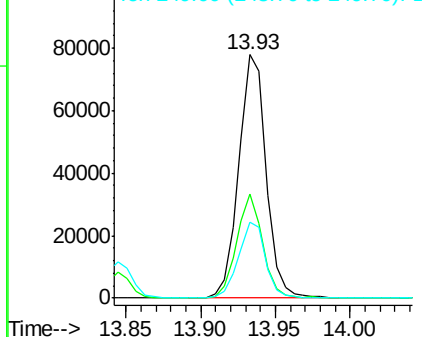


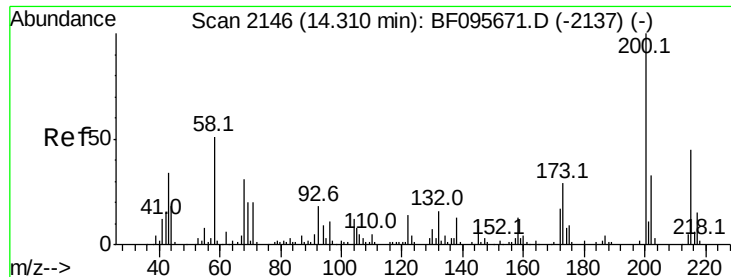
#67
Hexachlorobenzene
Concen: 46.27 ng
RT: 13.93 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:284 Resp: 99058
Ion Ratio Lower Upper
284 100
142 42.9 22.8 34.2#
249 31.3 24.0 36.0



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

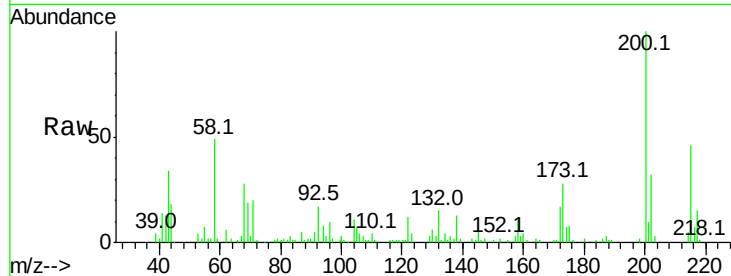




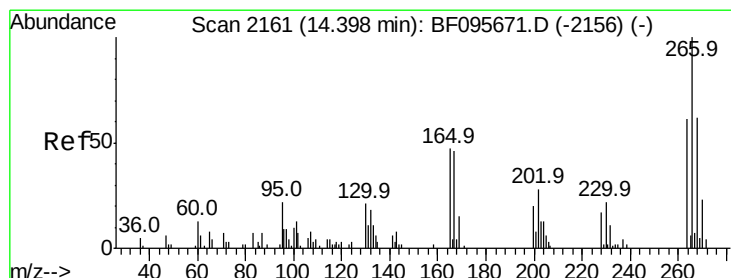
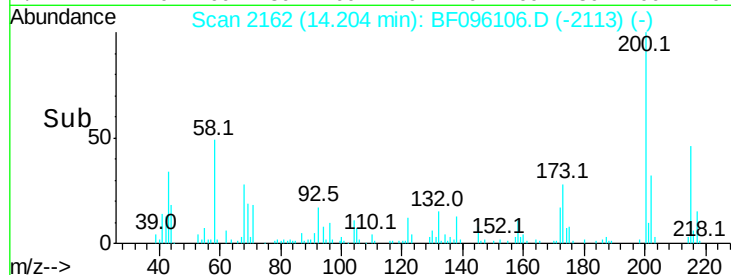
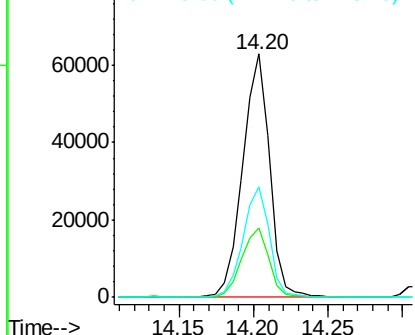
#68
Atrazine
Concen: 37.60 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 78596
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 45.6 27.2 67.2

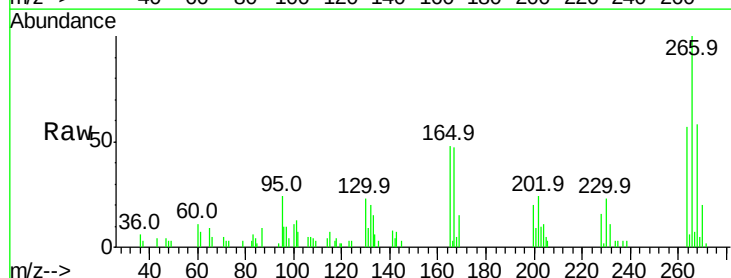


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

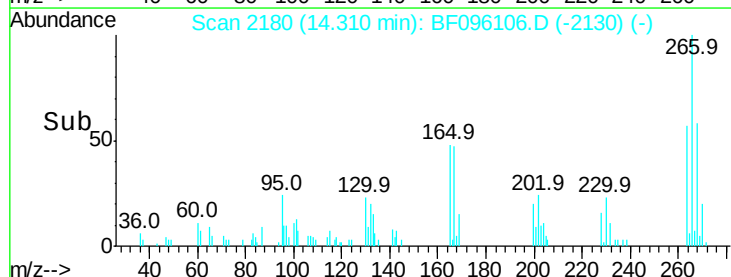
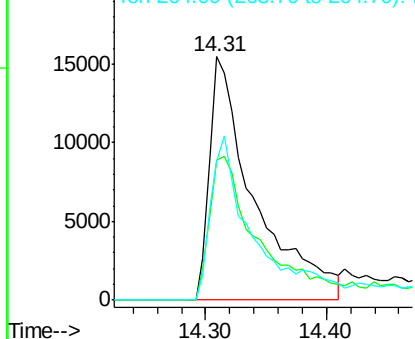


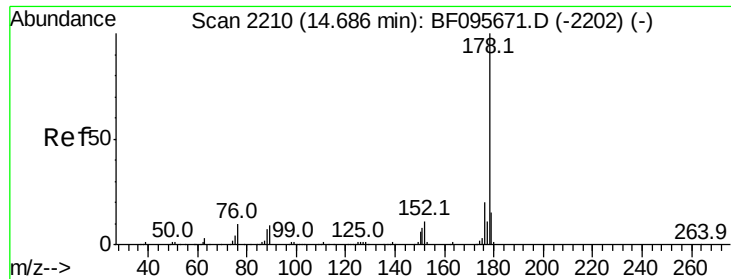
#69
Pentachlorophenol
Concen: 51.72 ng
RT: 14.31 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:266 Resp: 39919
Ion Ratio Lower Upper
266 100
268 57.6 51.1 76.7
264 57.1 51.7 77.5



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





#70

Phenanthrene

Concen: 44.59 ng

RT: 14.57 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

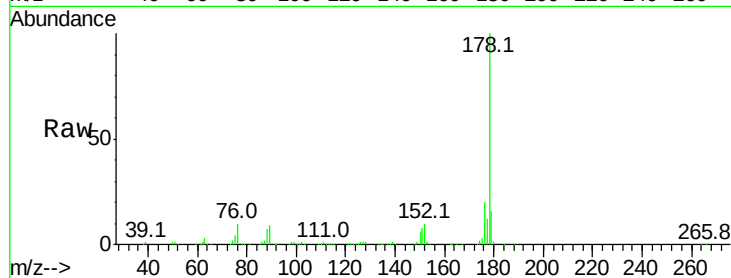
Tot Ion:178 Resp: 537857

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

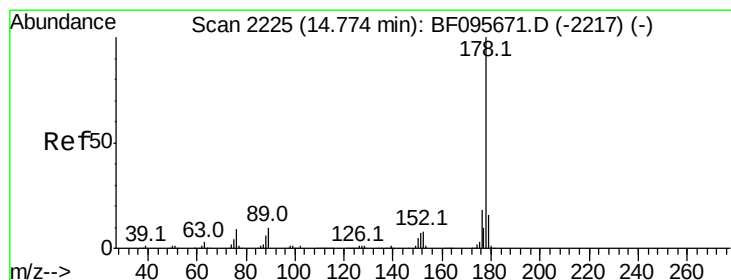
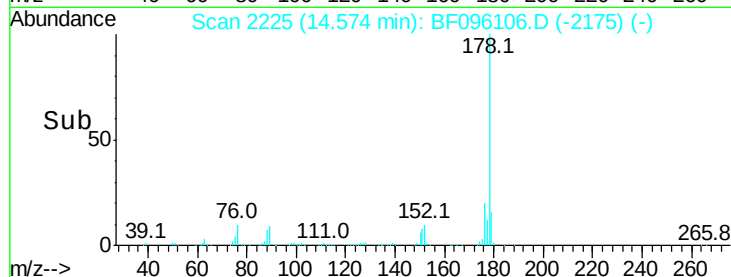
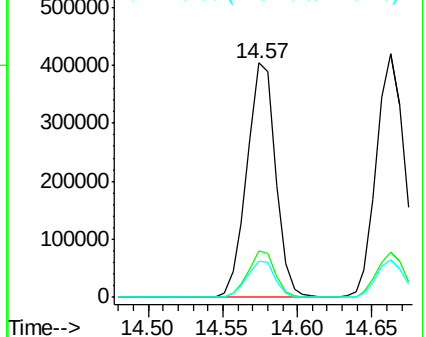
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.89 ng

RT: 14.66 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

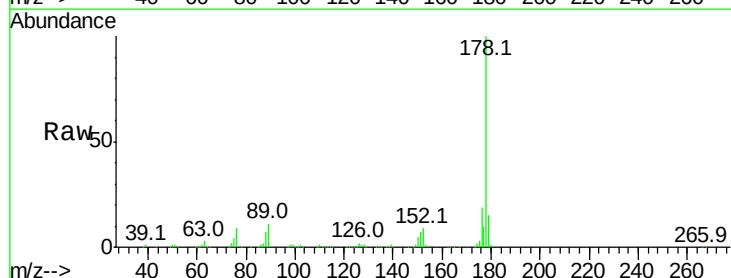
Tgt Ion:178 Resp: 565322

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

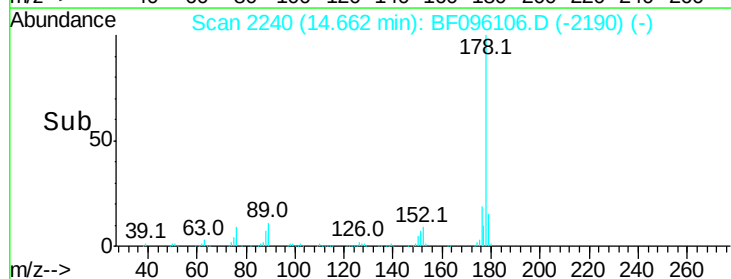
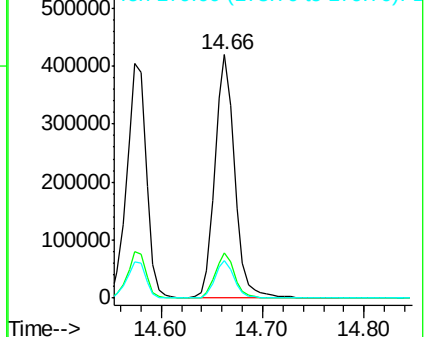
179 15.2 12.7 19.1

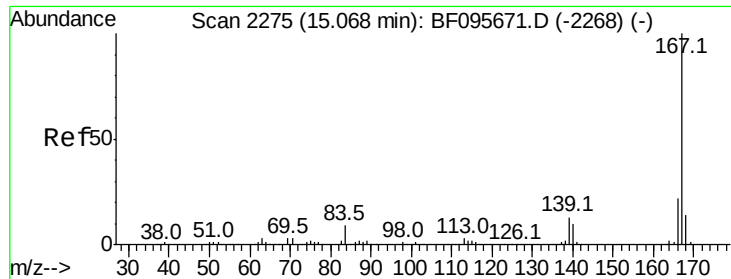


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

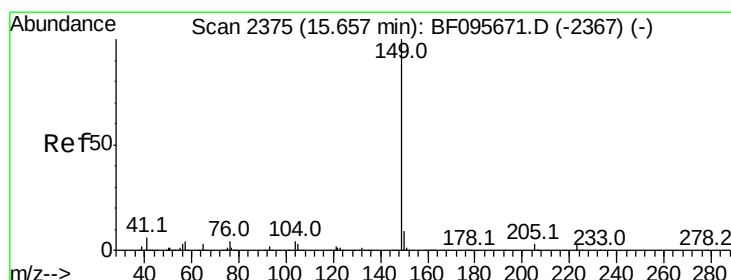
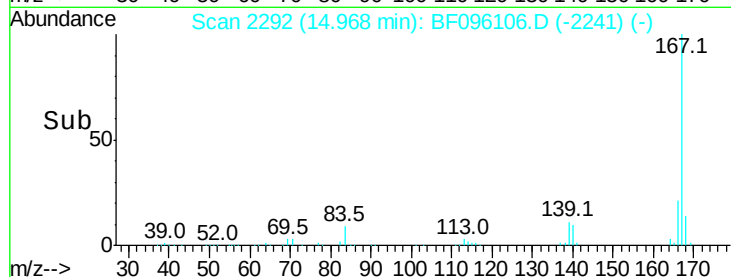
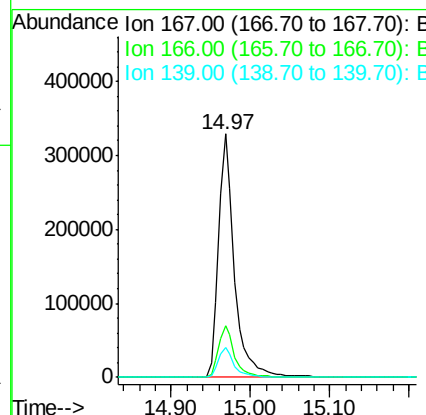
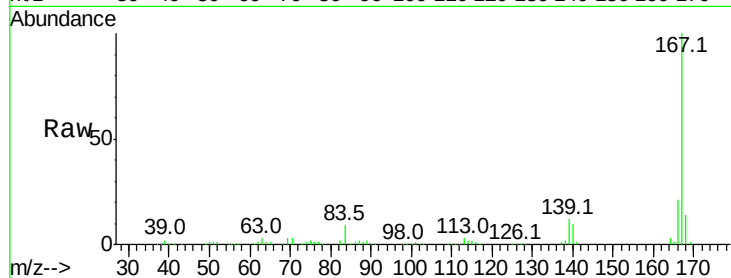




#72
 Carbazole
 Concen: 37.36 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

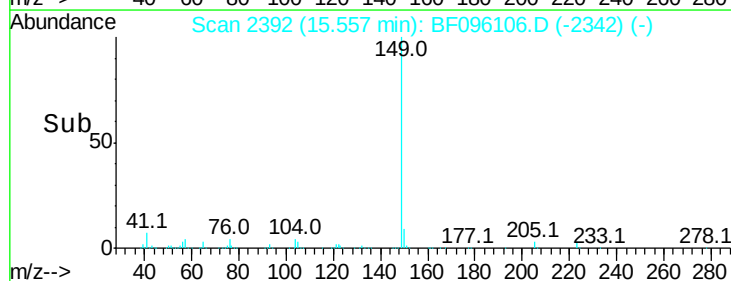
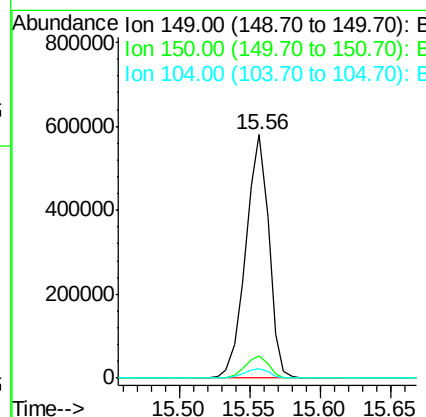
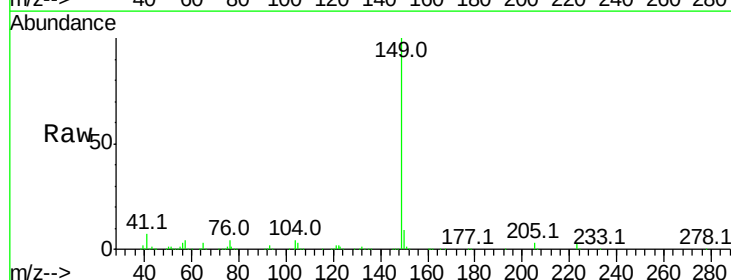
Instrument :
 BNA_F
 ClientSampleId :

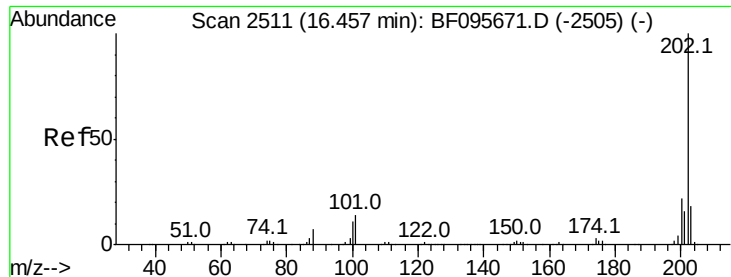
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	12.4	11.7	17.5



#73
 Di-n-butylphthalate
 Concen: 50.92 ng
 RT: 15.56 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.0	4.0	6.0

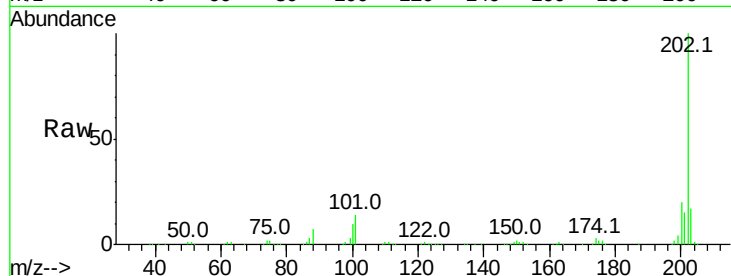




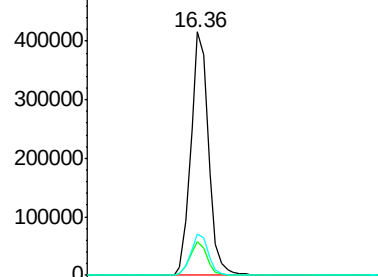
#74
 Fluoranthene
 Concen: 42.04 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

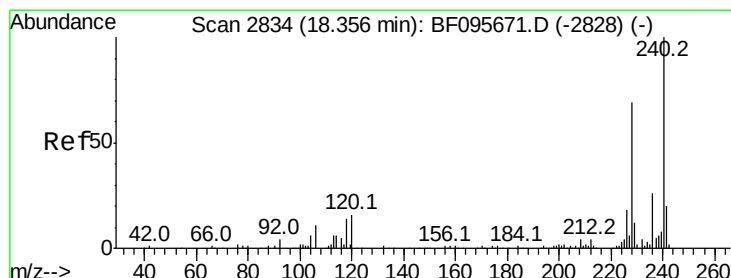
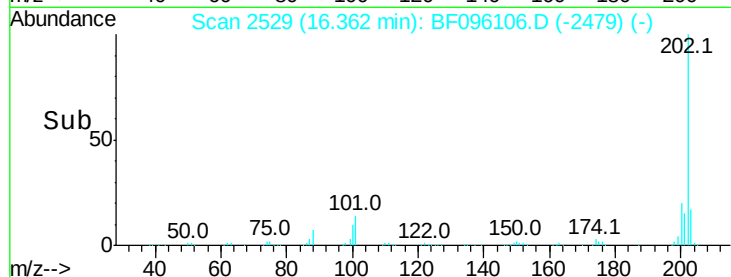
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

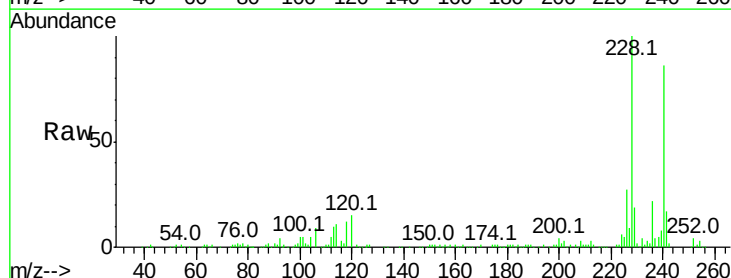


Time-->

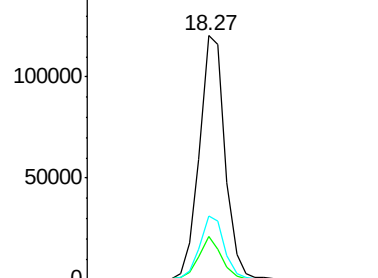


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

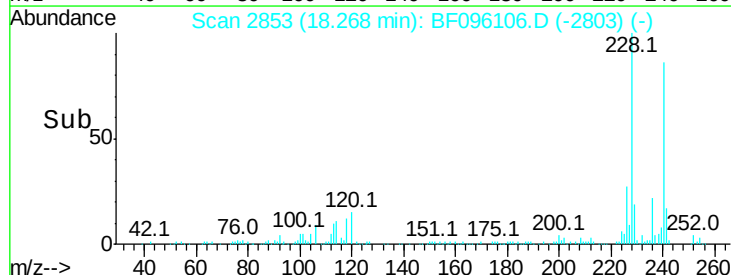
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.3	5.8	8.8#
236	26.1	20.5	30.7

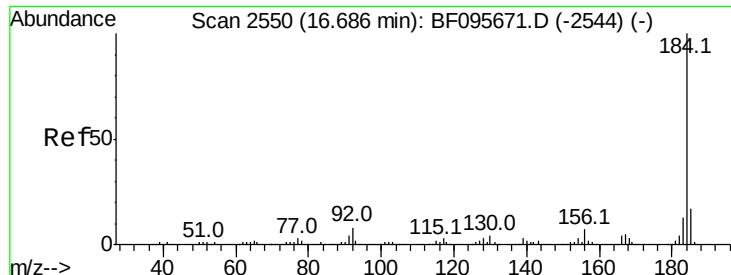


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->

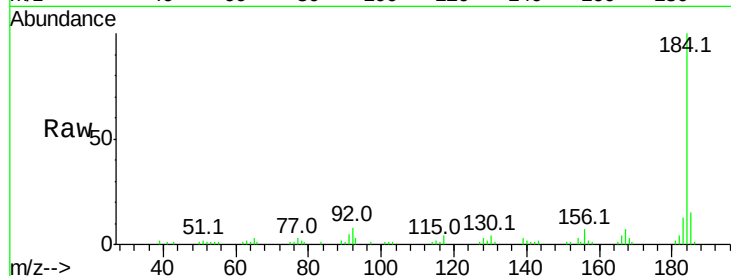




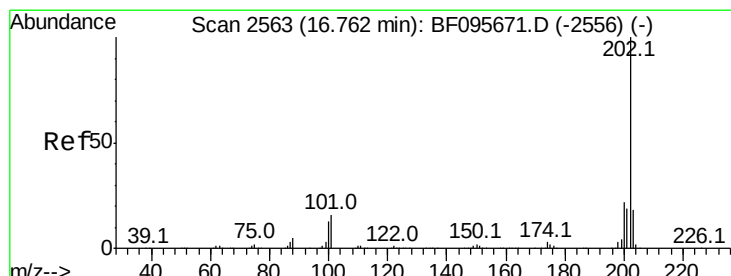
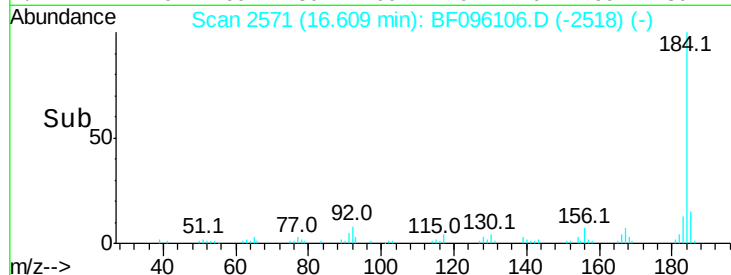
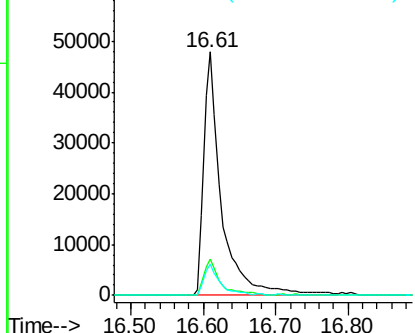
#76
Benzidine
Concen: 15.78 ng
RT: 16.61 min Scan# 2571
Delta R.T. 0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 81660
Ion Ratio Lower Upper
184 100
185 15.0 15.5 23.3#
183 12.7 9.8 14.6

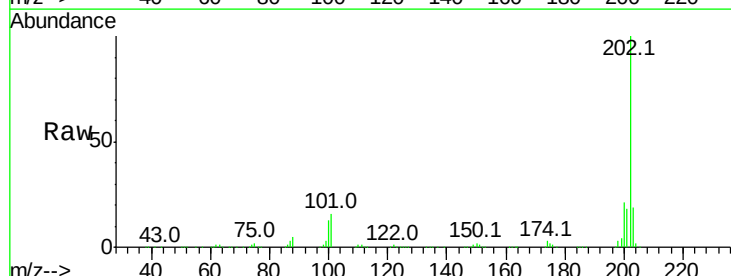


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

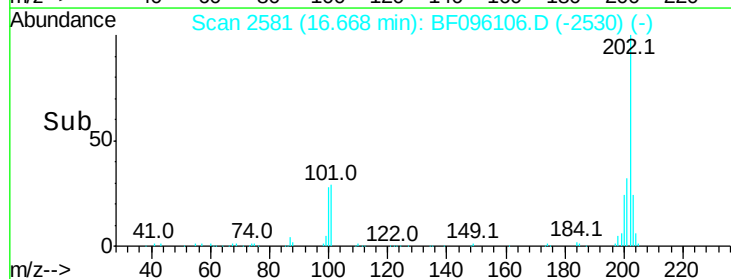
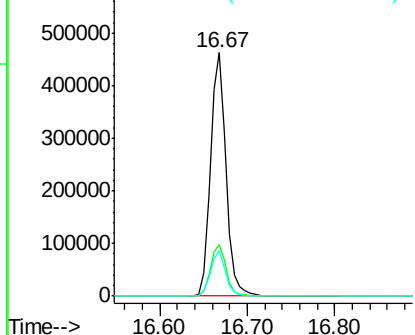


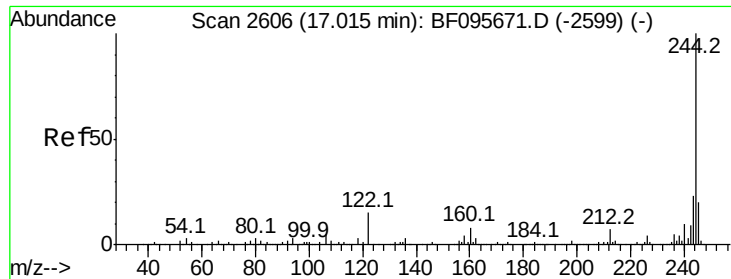
#77
Pyrene
Concen: 56.76 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:202 Resp: 570508
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.5 14.4 21.6



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

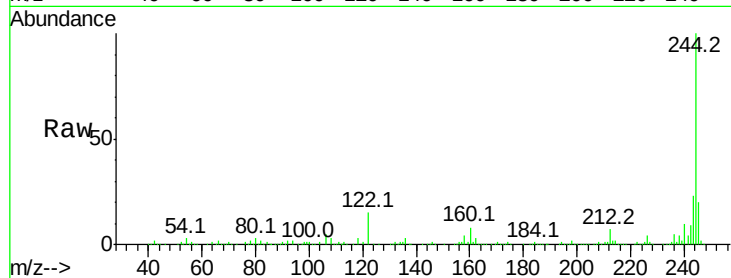




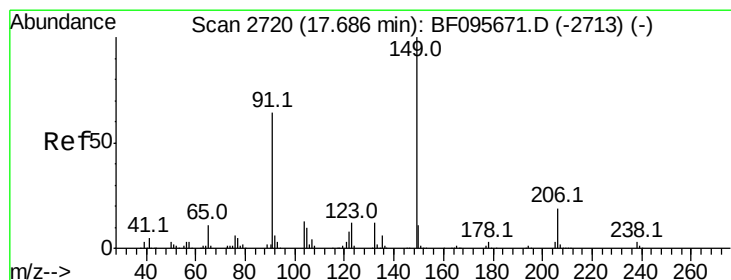
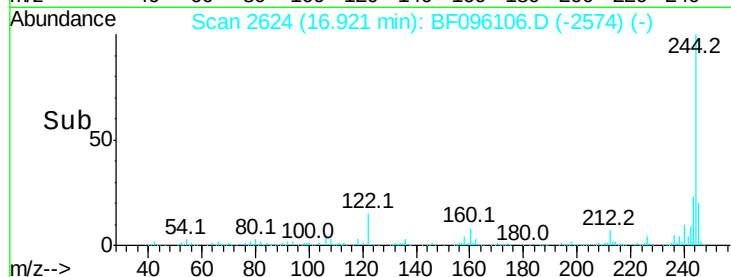
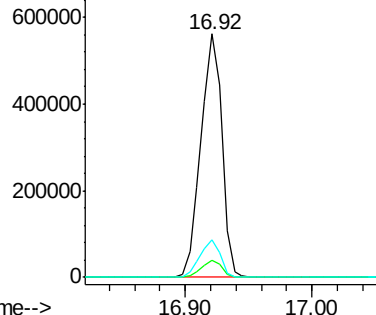
#78
 Terphenyl-d14
 Concen: 118.27 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 642010
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 15.4 10.3 15.5

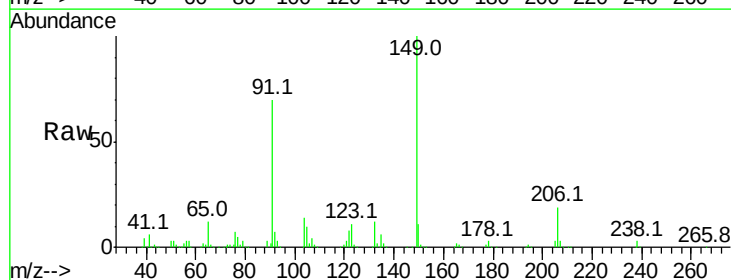


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

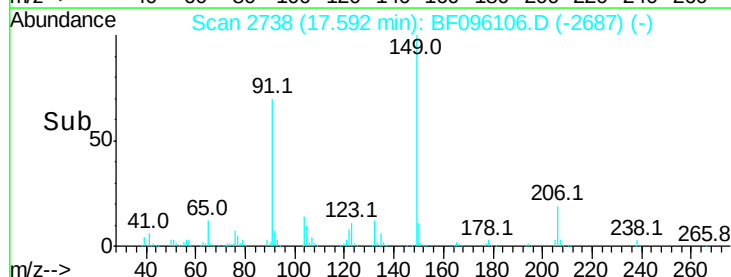
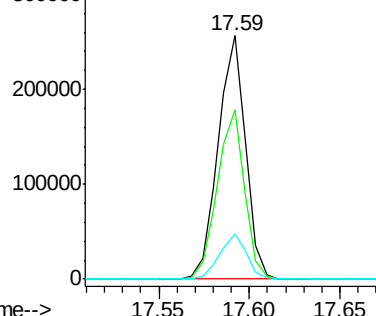


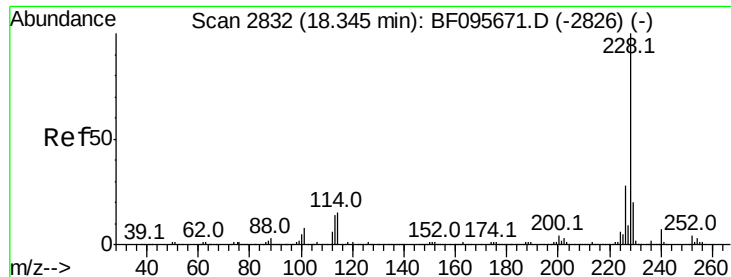
#79
 Butylbenzylphthalate
 Concen: 61.19 ng
 RT: 17.59 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BF096106.D
 Acq: 22 Jun 2017 4:47

Tgt Ion:149 Resp: 268603
 Ion Ratio Lower Upper
 149 100
 91 69.7 45.0 67.4#
 206 18.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.48 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

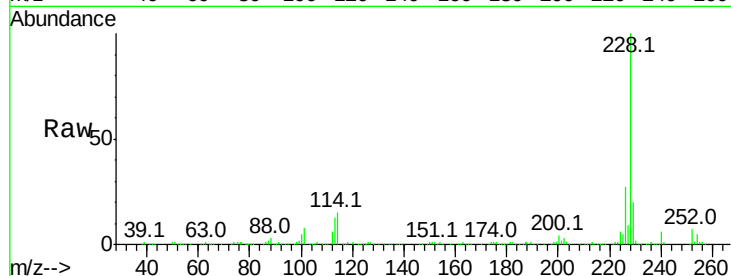
Tot Ion:228 Resp: 364030

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

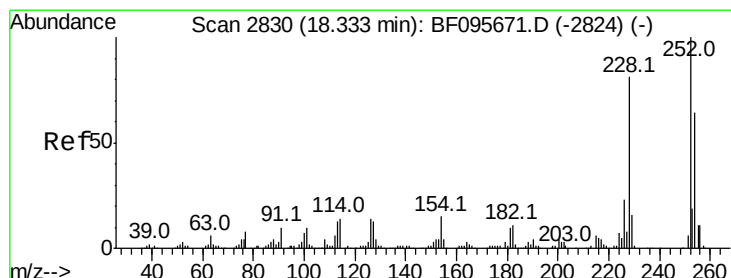
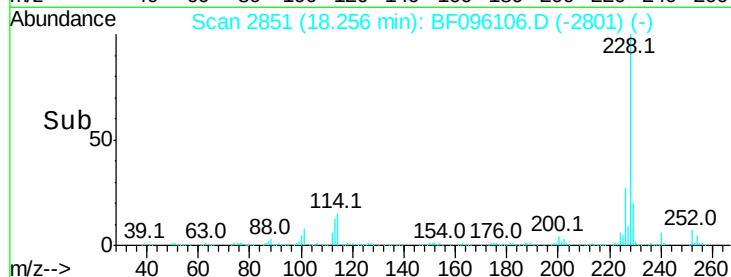
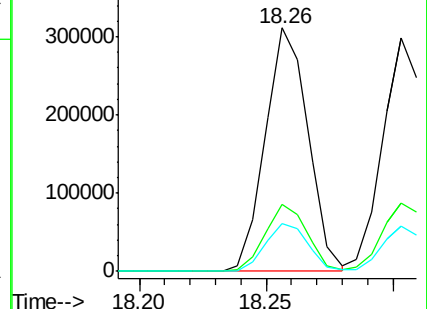
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 15.36 ng

RT: 18.25 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

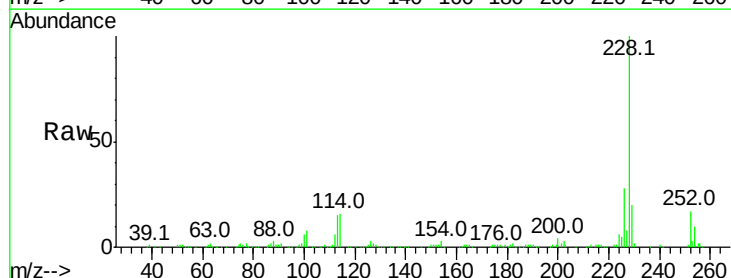
Tgt Ion:252 Resp: 42781

Ion Ratio Lower Upper

252 100

254 59.8 51.5 77.3

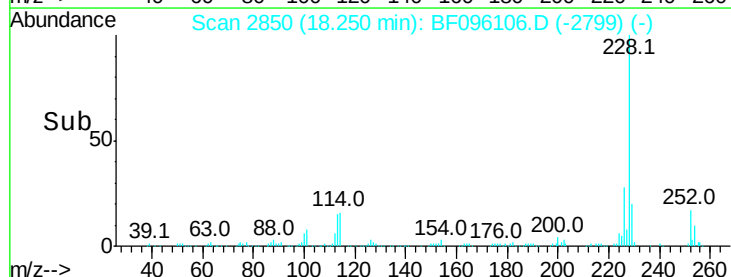
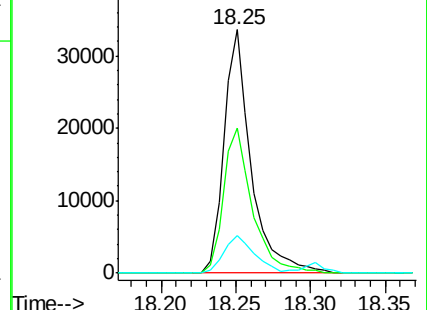
126 15.5 15.8 23.8#

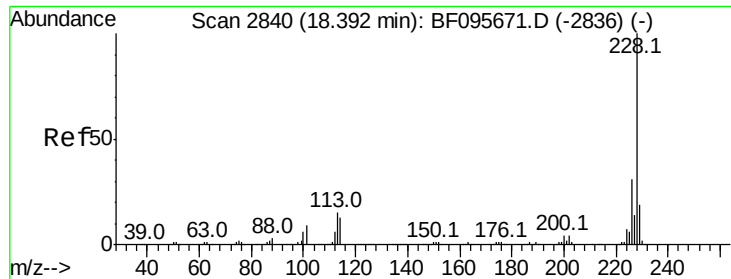


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.79 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampled :

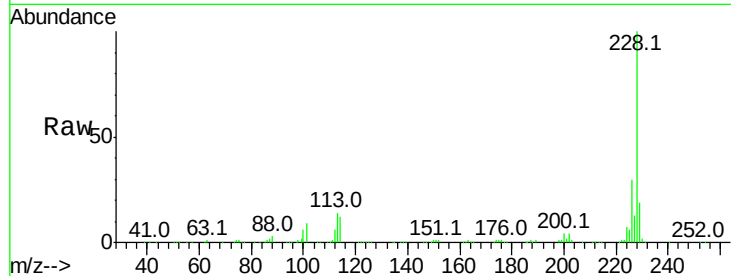
Tot Ion:228 Resp: 358409

Ion Ratio Lower Upper

228 100

226 29.5 24.9 37.3

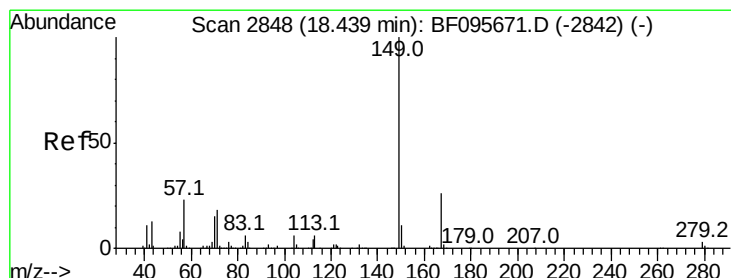
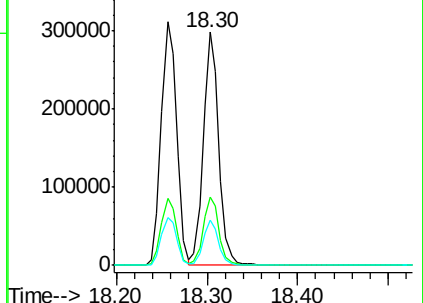
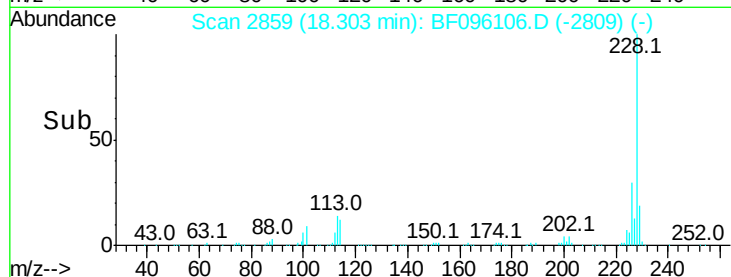
229 19.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.40 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

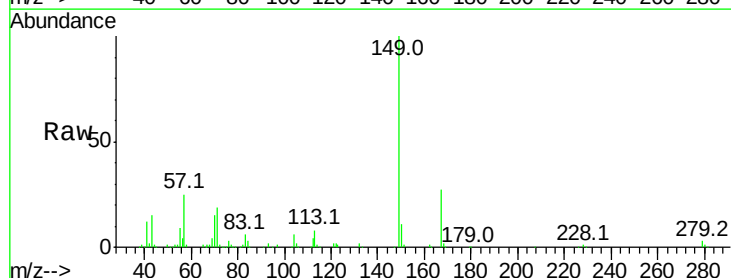
Tgt Ion:149 Resp: 324494

Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

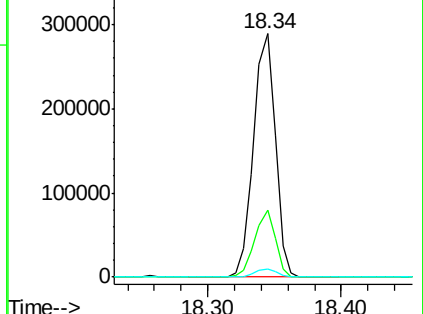
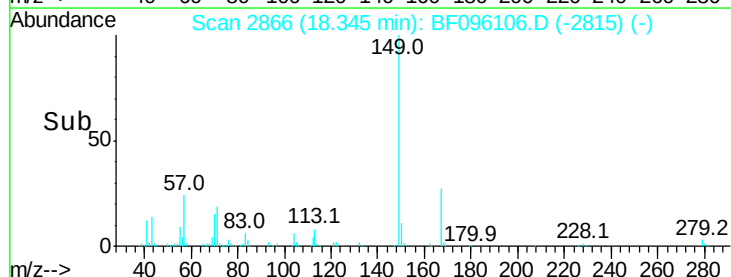
279 3.3 1.9 2.9#

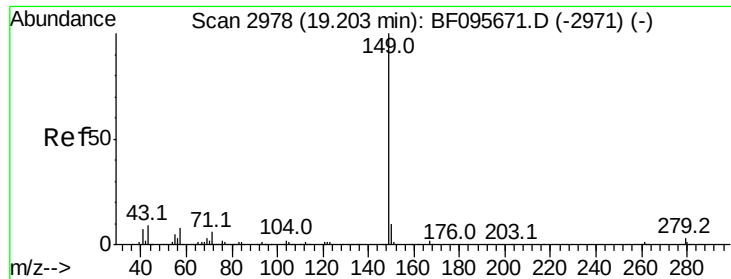


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

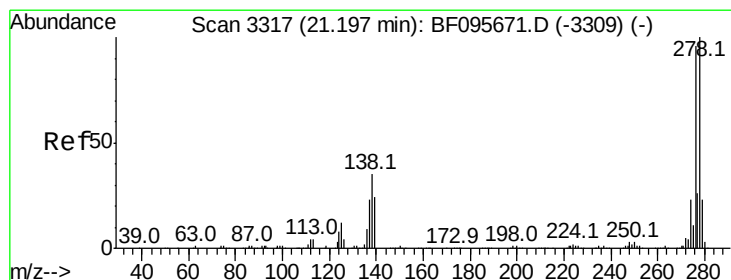
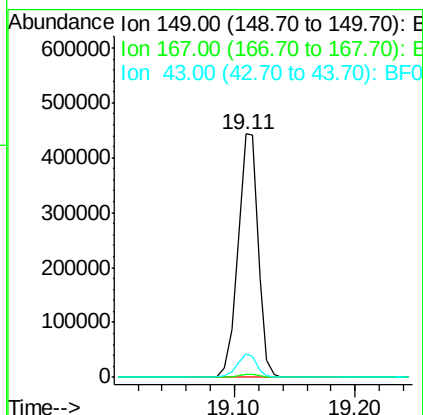
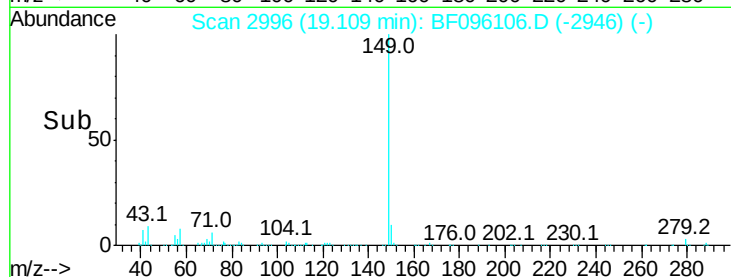
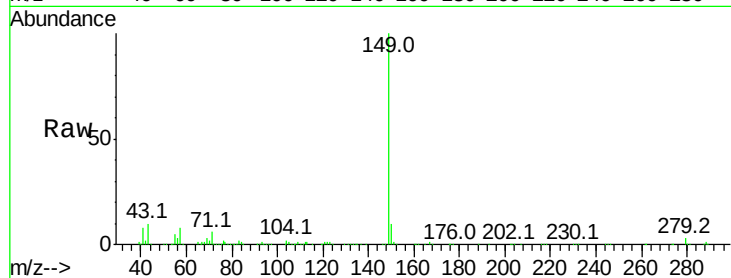




#84
Di-n-octyl phthalate
Concen: 50.44 ng
RT: 19.11 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

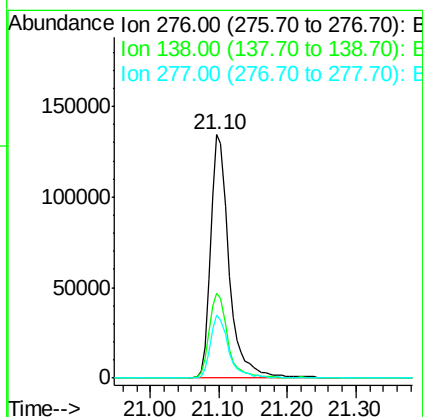
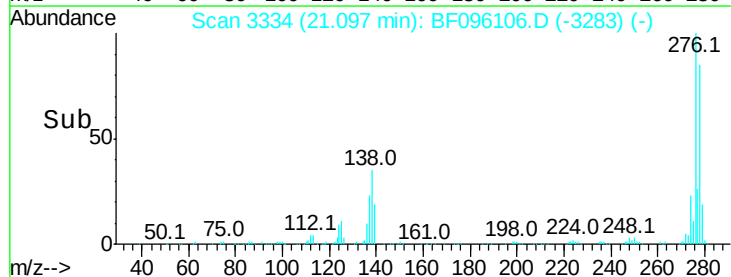
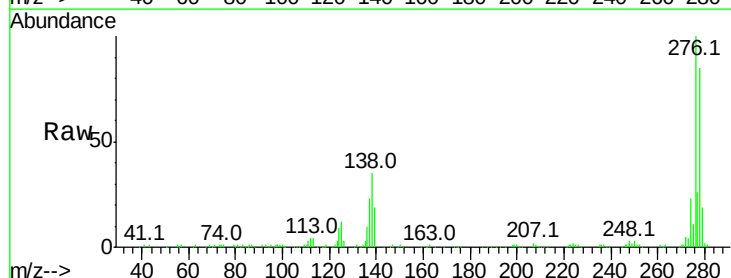
Instrument :
BNA_F
ClientSampleId :

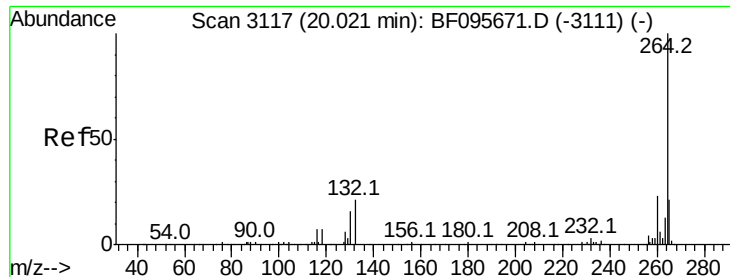
Tot Ion:149 Resp: 514716
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.46 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:276 Resp: 250875
Ion Ratio Lower Upper
276 100
138 35.1 27.8 41.6
277 25.6 20.2 30.4

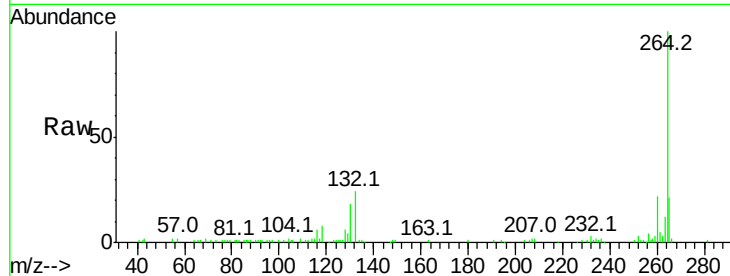




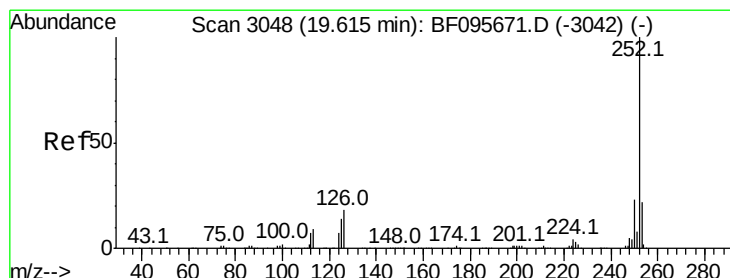
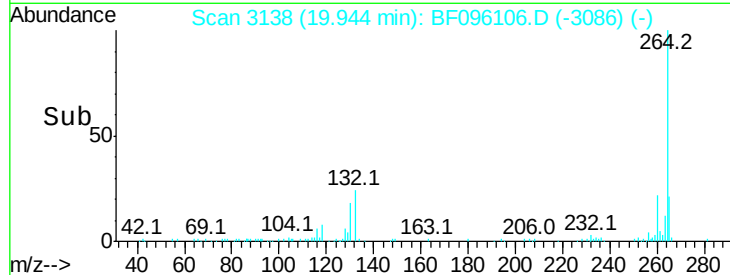
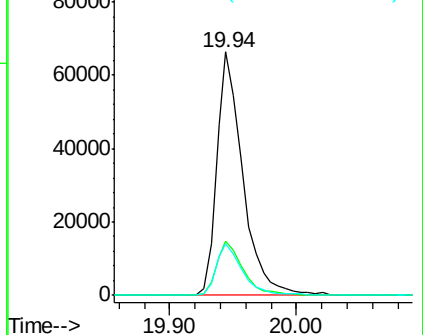
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 94988
Ion Ratio Lower Upper
264 100
260 22.2 19.5 29.3
265 21.2 17.2 25.8

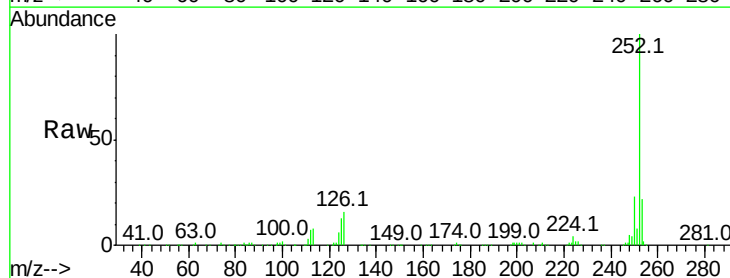


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

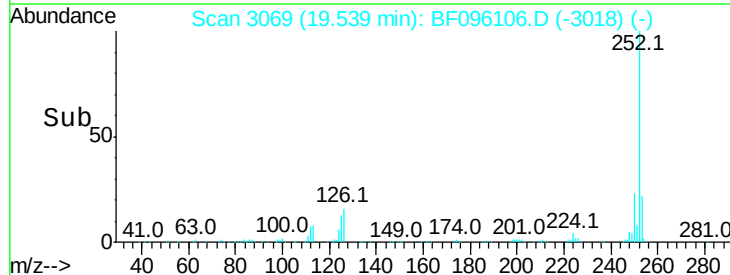
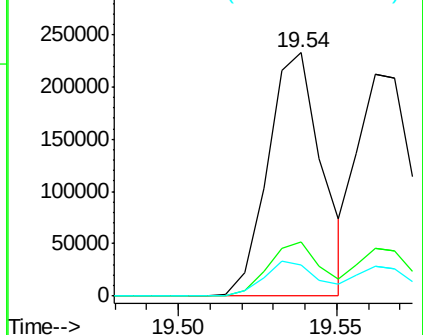


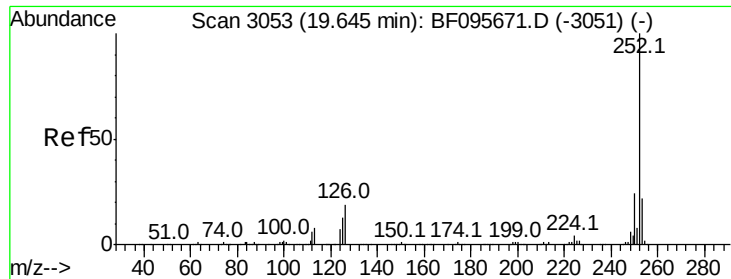
#87
Benzo(b)fluoranthene
Concen: 46.32 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion:252 Resp: 275478
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.0 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

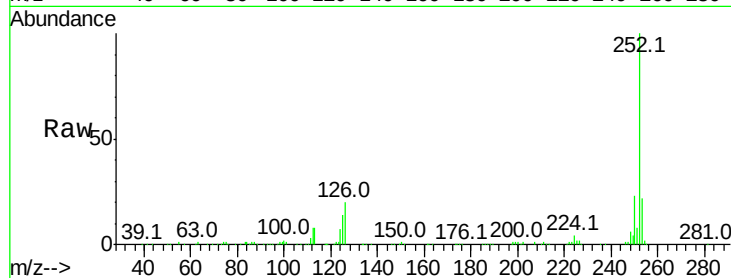




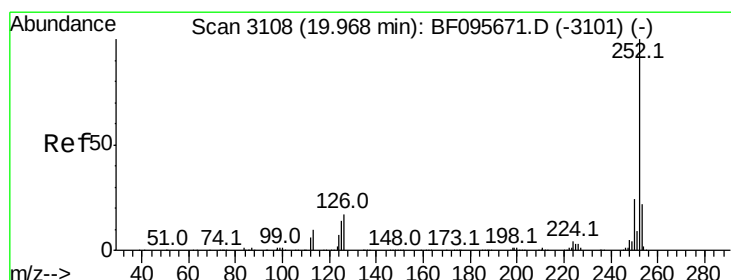
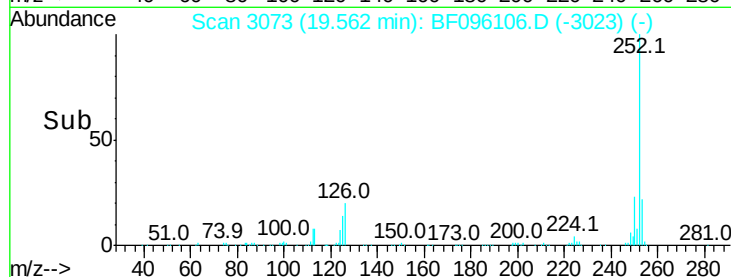
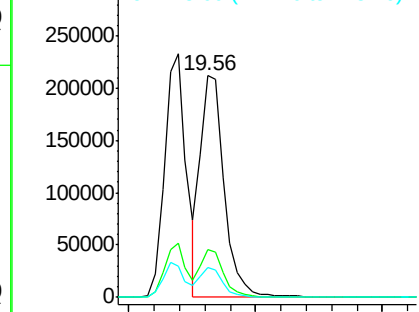
#88
Benzo(k)fluoranthene
Concen: 48.22 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.8	13.1	19.7

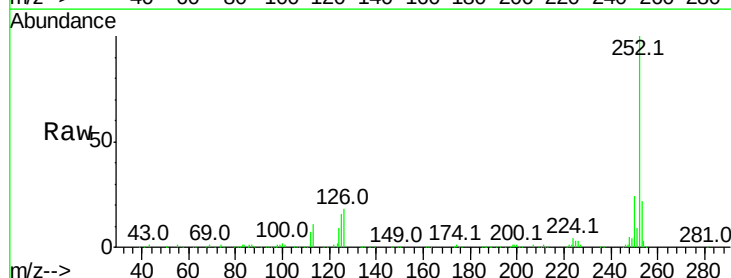


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

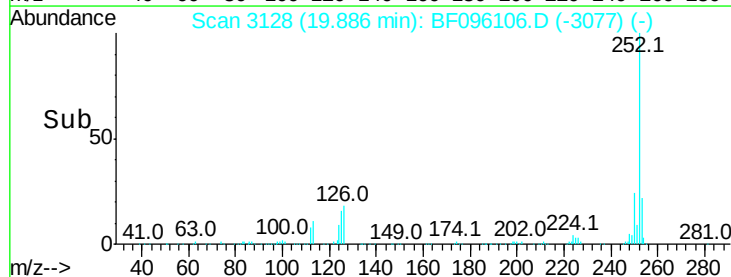
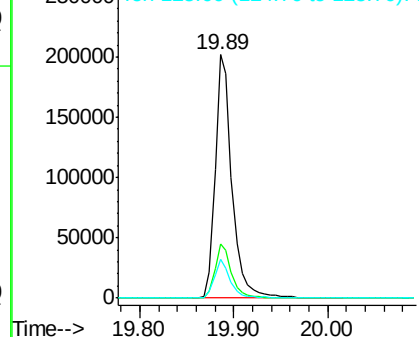


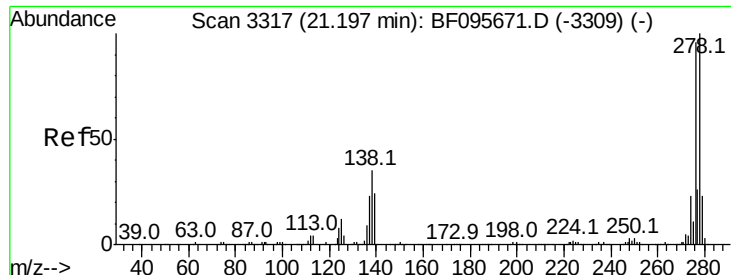
#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096106.D
Acq: 22 Jun 2017 4:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	16.0	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.86 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

Instrument :

BNA_F

ClientSampleId :

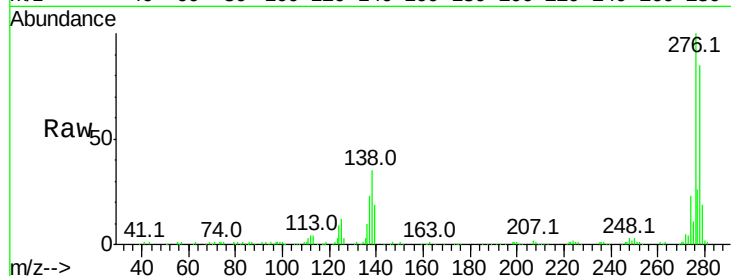
Tot Ion:278 Resp: 212687

Ion Ratio Lower Upper

278 100

139 22.9 16.6 24.8

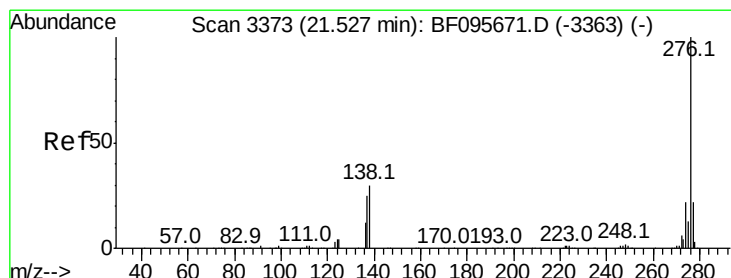
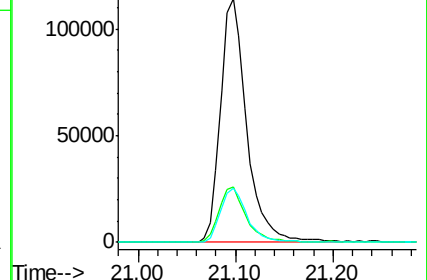
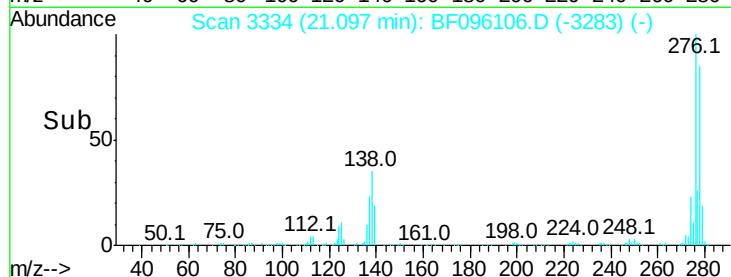
279 22.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.56 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096106.D

Acq: 22 Jun 2017 4:47

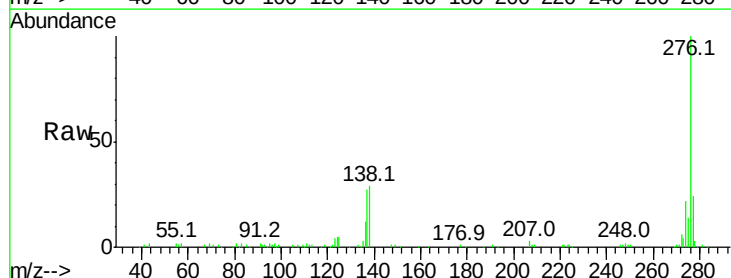
Tgt Ion:276 Resp: 210687

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 28.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

